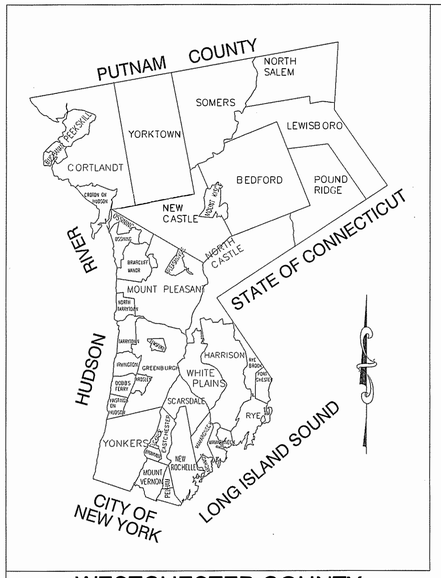

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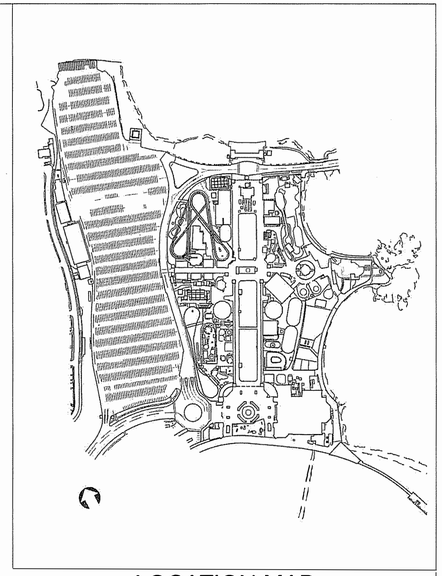
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

CONTRACT No. 20-501

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK
RYE, NEW YORK



LOCATION MAP
SCALE: N.T.S.

FOR INFORMATION ONLY

IN CHARGE OF _____
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PROFESSIONAL SEAL

REGISTERED ARCHITECT JOSEPH B. GRANT No. 031061 STATE OF NEW YORK

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10-06-2020
APPROVED CODE COMPLIANCE REVIEW & RECOMMENDED FOR CONSTRUCTION — DATE
JOSEPH J. NICOLETTI, P.E.
DEPUTY COMMISSIONER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

10/16/20
RECOMMENDED FOR CONSTRUCTION — DATE
JAMES ANTONACCIO, R.A.
PRINCIPAL ARCHITECT
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

10-19-2020
RECOMMENDED FOR CONSTRUCTION — DATE
GAYLE M. KATZMAN, P.E.
FIRST DEPUTY COMMISSIONER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

10/16/20
APPROVED FOR CONSTRUCTION — DATE
KATHLEEN O'CONNOR
COMMISSIONER
DEPARTMENT OF PARKS, RECREATION AND CONSERVATION

10/19/20
APPROVED FOR CONSTRUCTION — DATE
HUGH J. GREECHAN, JR., P.E.
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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED
☐ AS BUILT – NO CHANGES

CONTRACTOR: NAME ____ SIGNATURE ____ TITLE ____ DATE ____

PROJECT COORDINATOR: NAME ____ SIGNATURE ____ TITLE ____ DATE ____

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

CONTRACT NUMBER: 20-501
SHEET NUMBER: T-01
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INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
COVER SHEET

SCALE: AS SHOWN
DATE: 9/16/2020
DPW FILE NO. 1-118-T-1
REV. NO. 0

10/15/2020 3:59:06 PM

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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
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INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
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ABBREVIATIONS

<	ANGLE
@	AT
AB	ANCHOR BOLT
ABV	ABOVE
A/C	AIR CONDITIONING
ACP	ACOUSTICAL CEILING PANEL
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
AP	ACCESS PANEL
APC	ARCH. PRECAST CONCRETE
APPR	APPROXIMATE
ARCH	ARCHITECT(URAL)
ASB	ASBESTOS
ATTEN	ATTENUATION
AUTO	AUTOMATIC
AVG	AVERAGE
AVP	ACOUSTICAL WALL PANEL
BOP	BOTTOM OF CURB
BBD	BULLETIN BOARD
BD	BOARD
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BENCH MARK
BOT	BOTTOM OF CURB
BRG	BEARING
BRK	BRICK
BSMT	BASEMENT
BTWN	BETWEEN
C	CARPET
CAB	CABINET
CBD	CHALKBOARD
CCTV	CLOSED CIRCUIT TELEVISION
CFM	CUBIC FEET PER MINUTE
CG	CORNER GUARD
CI	CAST IRON
CIP	CAST-IN-PLACE CONCRETE
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLOS	CLOSET
CLR	CLEAR
CM	CENTIMETER
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCT(ION)
CONT	CONTINUOUS
CONTR	CONTRACT(OR)
CORR	CORRIDOR
CR	CLASSROOM
CRS	COURSE
CPT	CARPET TILES
CTSK	COUNTERSINK
CT	CERAMIC TILE
CUH	CABINET UNIT HEATER
CU YD	CUBIC YARD
CW	COLD WATER
DBL	DOUBLE
DEMO	DEMOLISH, DEMOLITION
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DG	DOOR GRILLE
DI	DROP INLET
DIAG	DIAGONAL
	DIAMETER
DIM	DIMENSION
DIV	DIVISION
DMT	DEMOUNTABLE
DN	DOWN
DP	DAMPPROOFING
DR	DOOR
DS	DOWN SPOUT
DT	DRAIN TILE
DTL	DETAIL
DW	DRYWALL
DWG	DRAWING
DWR	DRAWER
E	EAST
EA	EACH
EF	EXHAUST FAN
EIFS	EXTERIOR INSULATION & FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
EPBD	ELECTRICAL PANELBOARD
EPS	EXPANDED POLYSTYRENE
EPX	EPOXY
EQ	EQUAL
EQUIP	EQUIPMENT
EST	ESTIMATE
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION
EXP C	EXPOSED CONSTRUCTION
EXT	EXTERIOR

FB	FACE BRICK
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR
FFE	FINISHED FLOOR ELEVATION
FGL	FIBERGLASS
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FHVC	FIRE HOSE VALVE CABINET
FIN	FINISH(ED)
FIX	FIXTURE
FLSHG	FLASHING
FLR	FLOOR
FLUR	FLUORESCENT
FND	FOUNDATION
FOC	FACE OF CONCRETE
FOM	FACE OF MASONRY
FR	FIRE RATED
FRMG	FRAMING
FRP	FIBERGLASS REINF PLASTIC
FRT	FIBER RETARDANT TREATED
FT	FOOT, FEET
FTG	FOOTING
FURN	FURNITURE
FURR	FURRING
FVC	FIRE VALVE CABINET
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GCMU	GLAZED CONC. MASONRY UNIT
GEN	GENERAL
GFCI	GROUND FAULT CIRC. INTERUP.
GFRC	GLASS FIBER REIN. CONC.
GL	GLASS
GPM	GALLONS PER MINUTE
GR	GRADE
GS	GALVANIZED STEEL
GSU	GLAZED STRUCTURAL UNIT
GWT	GLAZED WALL TILE
GYP	GYPSUM
HB	HOSE BIBB
HBD	HARDBOARD
HBC	HORIZONTAL BRICK COURSE(S)
HC	HORIZONTAL COURSE(S) (CMU)
HDR	HEADER
HDNR	HARDENER
HDWD	HARDWOOD
HDWR	HARDWARE
HGT	HEIGHT
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HP	HORSEPOWER
HR	HOUR
HS	HIGH STRENGTH
HT	HEIGHT
HTG	HEATING
HTR	HEATER
HVAC	HEATING, VENTILATING AIR CONDITIONING
HW	HOT WATER
ID	INSIDE DIAMETER
IN	INCH
INCL	INCLUDE
INFO	INFORMATION
INST	INSTALL(ATION)
INSUL	INSULATE(ION)
INT	INTERIOR
INV	INVERT
JAN	JANITOR
JB	JUNCTION BOX
JCT	JUNCTION
JST	JOIST
JT	JOINT
KIT	KITCHEN
K-O	KNOCK-OUT
LAB	LABORATORY
LAM	LAMINATE
LAV	LAVATORY
LBS	POUNDS
LF	LINEAR FEET (FOOT)
LH	LEFT HAND
LKR	LOCKER
LT	LIGHT
LVR	LOUVER
LW	LIGHTWEIGHT
M	METER(S)
MACH	MACHINE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIUM
MB	MARKERBOARD
MECH	MECHANICAL
MED	MEDIUM
MEMB	MEMBRANE
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MLDG	MOLDING
MO	MASONRY OPENING
MR	MAP RAIL
MT	MOUNT
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MUL	MULLION
MWP	MEMBRANE WATERPROOFING

N	NORTH
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OPNG	OPENING
OPP	OPPOSITE
PRKG	PARKING
PC	PRECAST
PERF	PERFORATE(D)
PERM	PERIMETER
PIP	POURED IN PLACE
PL	PROPERTY LINE
	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLUMB	PLUMBING
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT
POLY	POLYETHYLENE
PR	PAIR
PREFAB	PREFABRICATE(D)
PREFIN	PREFINISHED
PREP	PREPARE
PROJ	PROJECT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PORCELAIN TILE
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
QT	QUARRY TILE
QTY	QUANTITY
R	RISER
RA	RETURN AIR
RAD	RADIUS
RB	RUBBER BASE
RD	ROOF DRAIN
RECP	RECEPTACLE
REF	REFERENCE
REFG	REFRIGERATOR
REINF	REINFORCE(D)(ING)
REQD	REQUIRED
REQMT	REQUIREMENT
RES	RESILIENT
RET	RETURN
RF	RADIO FREQUENCY
RFG	ROOFING
RH	RIGHT HAND
RL	RAIN LEADER
RM	ROOM
RO	ROUGH OPENING
RT	RUBBER TILE
RTU	ROOFTOP UNIT
R/W	RIGHT OF WAY
S	SOUTH
SAN	SANITARY
SAB	SOUND ATTENUATION BLANKET
SC	SOLID CORE
SCH	SCHEDULE
SCWD	SOLID CORE WOOD DOOR
SD	STORM DRAIN
SHLVG	SHELVING
SHT	SHEET
SHTH	SHEATHING
SOF	SPRAY FIREPROOFING
SPEC	SPECIFICATION
SPR	SPRINKLER
SQ	SQUARE
SS	STAINLESS STEEL
ST	STREET
ST	STONE
STA	STATION
STC	SOUND TRANSMISSION COEF.
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
SUBFLR	SUBFLOOR
SUSP	SUSPENSION
SYM	SYMMETRY(RICAL)
T	TREAD
TB	TACKBOARD
TBD	TO BE DETERMINE
T&B	TOP & BOTTOM
TOC	TOP OF CURB
TEL	TELEPHONE
T&G	TONGUE & GROOVE
THHD	THRESHOLD
THK	THICK(NESS)
THRU	THROUGH
TOS	TOP OF STEEL
TOW	TOP OF WALL
TPT	TEXTURES PAINT
TRT	TREAT(ED)
TOS	TOP OF SLAB
TV	TELEVISION
TYP	TYPICAL
UC	UNDERCUT
UG	UNDERGROUND
UH	UNIT HEATER
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
V	VINYL
VAC	VACUUM
VB	VINYL BASE
VBC	HORIZONTAL BRICK COURSE(S)
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VR	VAPOR RETARDER
VT	VINYL TILE
VWB	VINNYL WALL BASE
VWC	VINYL WALL COVERING

W	WEST
W/	WITH
WB	WOOD BASE
WC	WATER CLOSET
WD	WOOD BASE
WDW	WINDOW
WGL	WIRE GLASS
WH	WATER HEATER
W/O	WITHOUT
WP	WATERPROOFING
WPT	WORKING POINT
WR	WATER RESISTANT
WSCT	WAINSCOT
WT	WEIGHT

SYMBOL LEGEND

0 — COLUMN LINE DESIGNATIONS

1ST FLOOR 0' - 0" — FLOOR ELEVATION (AS SHOWN IN SECTION AND ELEVATIONS)

2 / 1 A101 3 / 4 — EXT OR INT ELEVATIONS (AS DRAWN ON PLANS)
ELEVATION NUMBER (ON TOP)
DRAWING NUMBER WHERE ELEVATION IS DRAWN

A101 1 — EXT OR INT ELEVATIONS (AS DRAWN ON PLANS)
ELEVATION NUMBER (NEXT TO ARROW)
DRAWING NUMBER WHERE ELEVATION IS DRAWN

1 A101 Ref — DETAILS
DETAIL NUMBER
SHEET NUMBER

1 View Name 1/8" = 1'-0" — EXT OR INT ELEVATIONS (AS DRAWN ON PLANS)
ELEVATION NUMBER (ON TOP)
DRAWING NUMBER WHERE ELEVATION IS DRAWN

0' 2' 4' 8' 16' — GRAPHIC SCALE

101 Room name 150 SF (Occupancy) — AREA TAG
AREA NAME
AREA

1i — CURTAIN PANEL TAG

101 — DOOR TAG

? — MATERIAL TAG

1t — RAILING TAG

1 — REVISION TAG

1i — SPECIALITY EQUIPMENT TAG

20 R @ 7 1/2"
11" EQ TREAD — STAIR TAG
RISERS @ HEIGHT
TREAD DEPTH

1i — WALL/PARTITION TAG

1t — WINDOW TAG

LEVEL MARKER

SMALL ANNOTATION ARROW

CENTER MARK

CENTER LINE MARK

N — NORTH ARROW

2% SLOPE — SLOPE SYMBOL (PLAN)

12 / 5 1/2 — SLOPE SYMBOL (ELEVATION AND SECTION)

TV — COMMUNICATIONS OUTLET (TV)

COMMUNICATIONS OUTLET (TELEPHONE)

COMMUNICATIONS OUTLET (DATA)

COMMUNICATIONS OUTLET (TELDATA)

SINGLE OUTLET

DUPLEX OUTLET

DUPLEX OUTLET (SPLIT)

GFI — DUPLEX OUTLET (GFI)

TRIPLEX OUTLET

QUADRUPLEX OUTLET

R — RANGE OUTLET

$ — SINGLE POLE SWITCH (STANDARD)

$ — TWO-POLE SWITCH (FOR 240/220V APPLICATIONS)

$3 — THREE WAY SWITCH

$4 — FOUR WAY SWITCH

$D — DIMMER SWITCH

FILLED REGION PATTERNS

ACOUSTIC TILE, BRICK1, BRICK2, CERAMIC TILE, CMU

CONC1, CONC2, EARTH1, EARTH2, FABRIC1

FABRIC2, FINISH WD, FOAM1, FRAMING, GRAVEL1

GYP BD, HARDWOOD1, HARDWOOD2, HARDWOOD3, INSUL-RIGID

MARBLE1, MORTAR, PLYWOOD1, SAND1, SAND2

STEEL1, STEEL2, STONE1, STONE2, SUBSTRATE1

SUBSTRATE2, SUBSTRATE3, WINDOW1, SOLID BLACK, SOLID GRAY

EFIS

9/29/2020 3:01:28 PM

CONSULTANT INFORMATION

The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH P. GRANT NO. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ABBREVIATIONS, SYMBOLS & LEGENDS

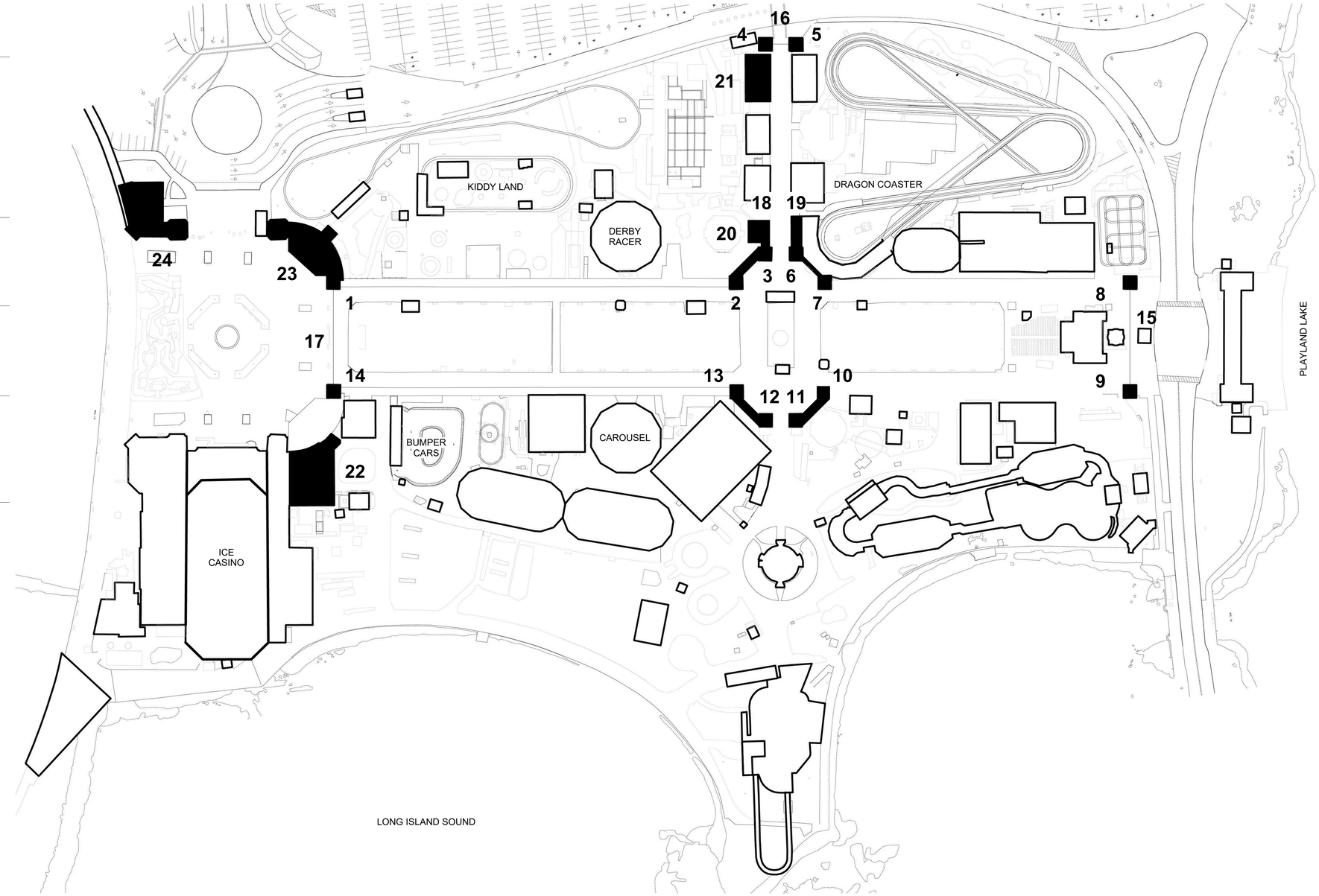
CONTRACT NUMBER	20-501
SHEET NUMBER	T-03
DWG NO.:	Page 3 of 387
SCALE:	As indicated
DATE:	9/16/2020
DPW FILE NUMBER	1-118-T-3
REV. NO.	0

SCOPE OF WORK

BUILDING	BUILDING CODE APPLICABLE	BUILDING CODE ANALYSIS	ENERGY COMPLIANCE
AM-SERIES DRAWINGS			
ADMINISTRATION BUILDING (A.K.A MAIN OR SOUTH) • RESTORATION AND REPAIR OF EXISTING FACADES, REPLACEMENT OF EXISTING ROOFING, AND REPLACEMENT OF EXISTING WINDOWS IN KIND	*2015 INTERNATIONAL EXISTING BUILDING CODE* CHAPTER 6 : REPAIRS	*N/A*	*N/A*
NA-SERIES DRAWINGS			
NORTH ADMINISTRATION BUILDING • REMOVAL OF EXISTING OUTDOOR DINING AREA AND CONSTRUCTION OF NEW GIFT SHOP ADDITION. • REMOVAL OF EXISTING REAR VESTIBULE AND CONSTRUCTION OF NEW REAR VESTIBULE AND 2 FAMILY RESTROOM ADDITIONS. • RESTORATION AND REPAIR OF EXISTING FACADES, INCLUDING MASONRY REBUILDING AS REQUIRED; REPLACEMENT OF EXISTING ROOFING, AND REPLACEMENT OF EXISTING WINDOWS IN KIND. • COMPLETE REMOVAL OF INTERIOR PARTITIONS, MEP, FINISHES AND FIXTURES. NEW INTERIOR FITOUT INCLUDING NEW RESTROOMS, NEW PARTITIONS, MEP SYSTEMS, AND FINISHES.	2015 INTERNATIONAL EXISTING BUILDING CODE CHAPTER 10 : CHANGE OF OCCUPANCY CHAPTER 11 : ADDITION	*SEE NA-G-02*	*SEE NA-EN-01*
RCX-SERIES DRAWINGS			
CROSS-AXIS RESTROOMS • DEMOLITION OF EXISTING ARCADE BUILDING AND CONSTRUCTION OF NEW BUILDING TO MATCH EXISTING IN DIMENSIONS AND ARCHITECTURAL APPEARANCE. INTERIOR CONSTRUCTION AND MEP SYSTEMS TO PROVIDE NEW RESTROOMS FACILITY.	2015 INTERNATIONAL BUILDING CODE	*SEE RCX-G-01*	*SEE RCX-EN-01*
RR-SERIES DRAWINGS			
SOUTHEAST (MAIN) RESTROOMS • PARTIAL RECONSTRUCTION OF ROOF STRUCTURE AND REPLACEMENT OF EXISTING ROOFING AT SECOND FLOOR LEVEL THROUGHOUT • RESTORATION AND REPAIR OF EXISTING FACADES AND ALTERATION OF THE FRONT FACADES. • INTERIOR ALTERATION OF EXISTING RESTROOMS	2015 INTERNATIONAL EXISTING BUILDING CODE CHAPTER 9 : ALTERATIONS - LEVEL 3	*SEE RR-G-01*	*SEE RR-EN-01*
TW-SERIES DRAWINGS			
TOWERS • DEMOLITION AND RECONSTRUCTION OF 13 EXISTING TOWERS, AND CONSTRUCTION OF ONE NEW TOWER AND SEVERAL COLONNADE SEGMENTS. • DEMOLITION OF EXISTING VENDOR BUILDING AND RECONSTRUCTION OF NEW VENDOR BUILDING. • REPAIR AND REFURBISHMENT OF FACADES AT EXISTING VENDOR SPACES.	2015 INTERNATIONAL BUILDING CODE	*N/A*	*N/A*

LEGEND:

1. TOWER 1
2. TOWER 2
3. TOWER 3
4. TOWER 4
5. TOWER 5
6. TOWER 6
7. TOWER 7
8. TOWER 8
9. TOWER 9
10. TOWER 10
11. TOWER 11
12. TOWER 12
13. TOWER 13
14. TOWER 14
15. NORTH GATES
16. WEST GATES
17. SOUTH GATES
18. SOUTH COLONNADE AND STOREFRONT
19. NORTH COLONNADE AND STOREFRONT
20. VENDOR BUILDING
21. CROSS-AXIS RESTROOMS
22. SOUTHEAST (MAIN) RESTROOMS
23. NORTH ADMINISTRATION BUILDING
24. ADMINISTRATION BUILDING



1 PLAYLAND PARK SITE PLAN

9/29/2020 3:01:30 PM

CONSULTANT INFORMATION

The LiRo Group

3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH P. GRANT NO. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

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TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
SITE PLAN & SCOPE OF WORK

CONTRACT NUMBER	20-501
SHEET NUMBER	T-04
DWG NO.:	Page 4 of 387
SCALE:	1/64" = 1'-0"
DATE:	9/16/2020
DPW FILE NUMBER	1-118-T-4
REV. NO.	0

EFFECTIVE FLOOD INSURANCE RATE MAP

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 26.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

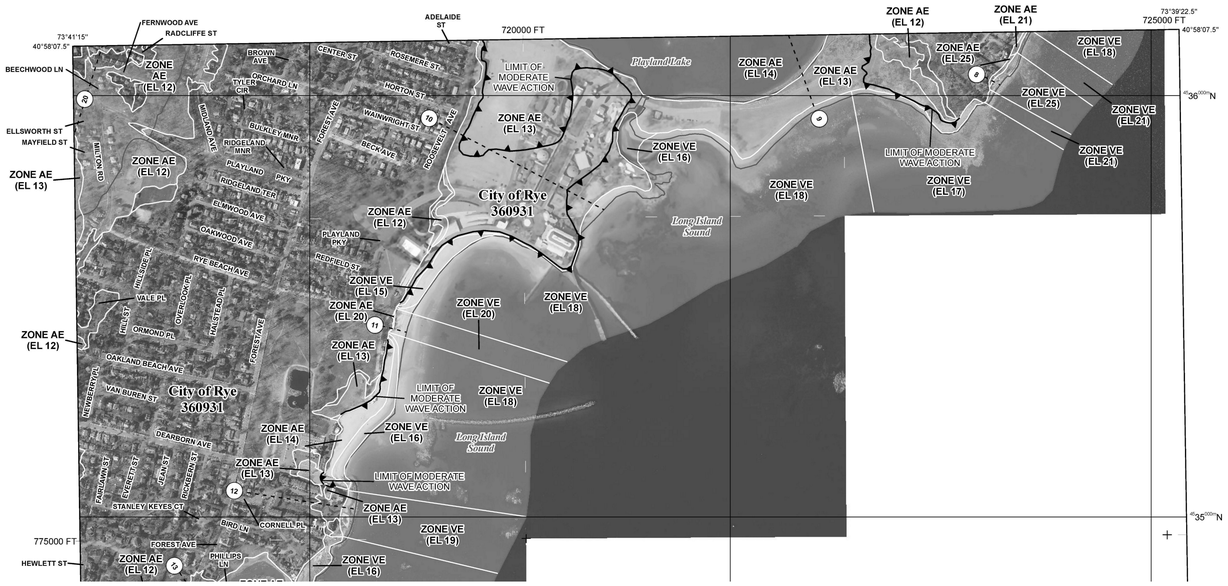
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/28/2020 at 12:16:10 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

PRELIMINARY FLOOD INSURANCE RATE MAP



SCALE

Map Projection:
Universal Transverse Mercator Zone 18N; North American Datum 1983;
GRS_1980 Spheroid; North American Vertical Datum of 1988

1 inch = 500 feet — 1:6,000

0 500 1,000 2,000 Feet

0 125 250 500 Meters

PANEL LOCATOR

* PANEL NOT PRINTED

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

WESTCHESTER COUNTY, NEW YORK
All Jurisdictions

PANEL **358** OF **426**

FEMA

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
RYE, CITY OF	360931	0358	G

PRELIMINARY
DECEMBER 8, 2014

VERSION NUMBER
2.2.2.1

MAP NUMBER
36119C0358G

MAP REVISED

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT

HTTP://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
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OTHER FEATURES
- E 18.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
- 8 Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

For information and questions about this map, available products associated with this FIRM including historic versions of this FIRM, how to order products or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Map Service Center website at http://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website. Users may determine the current map date for each FIRM panel by visiting the FEMA Map Service Center website or by calling the FEMA Map Information eXchange.

Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Map Service Center at the number listed above.

For community and countywide map dates refer to the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

Base map information shown on this FIRM was provided in digital format by New York State Cyber and Critical Infrastructure. This information was derived from digital orthophotography at a 0.5 foot ground resolution from imagery flown in April 2013.

LIMIT OF MODERATE WAVE ACTION: Zone AE has been divided by a Limit of Moderate Wave Action (LiMWA). The LiMWA represents the approximate landward limit of the 1.5-foot breaking wave. The effects of wave hazards between the VE Zone and the LiMWA (or between the shoreline and the LiMWA for areas where VE Zones are not identified) will be similar to, but less severe than those in the VE Zone.

Limit of Moderate Wave Action (LiMWA)

9/29/2020 3:05:08 PM

CONSULTANT INFORMATION

The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH P. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
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SIGNATURE
TITLE DATE

PROJECT COORDINATOR
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SIGNATURE
TITLE DATE

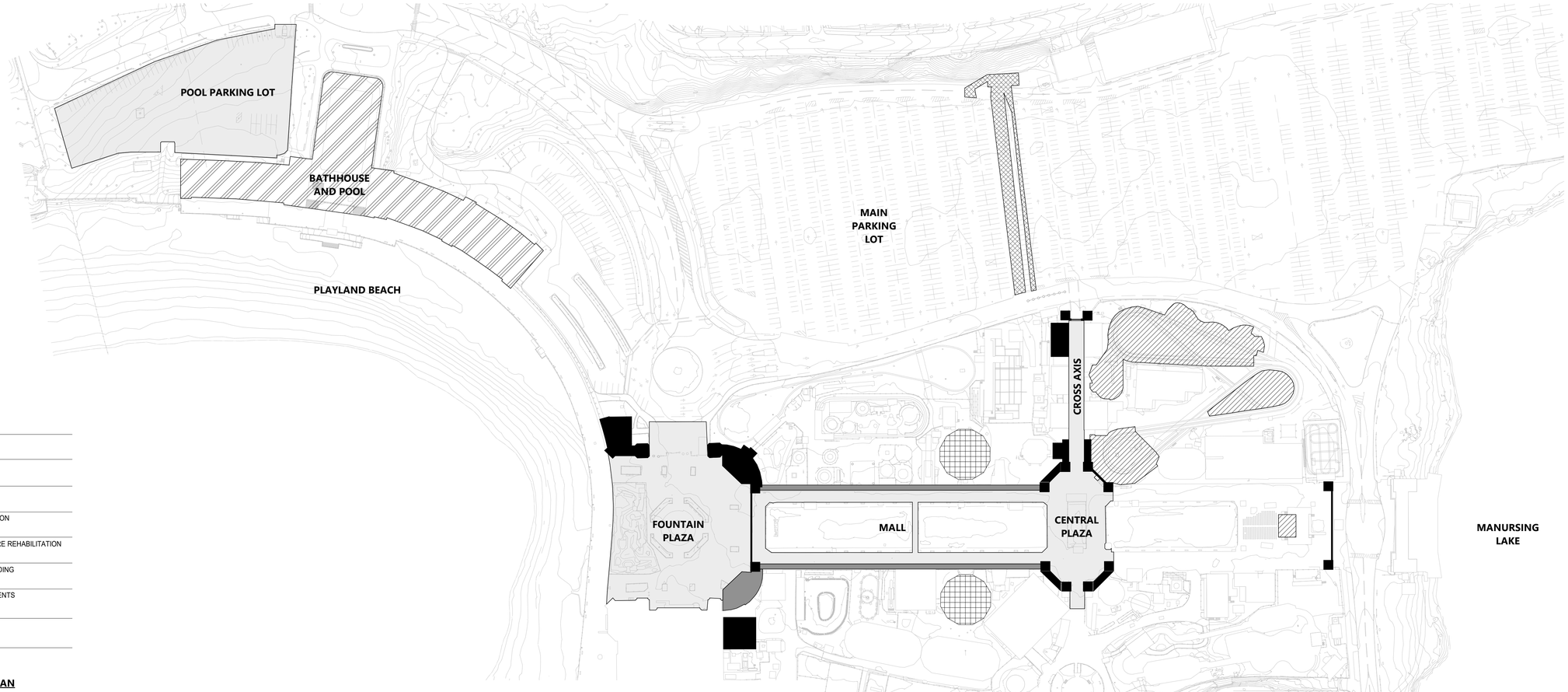
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
FEMA MAPS

CONTRACT NUMBER 20-501
SHEET NUMBER **T-05**
DWG NO.: Page 5 of 387
SCALE:
DATE: **9/16/2020**
DPW FILE NUMBER **1-118-T-5**
REV. NO. 0

INFORMATION FOR THE CONTRACTOR

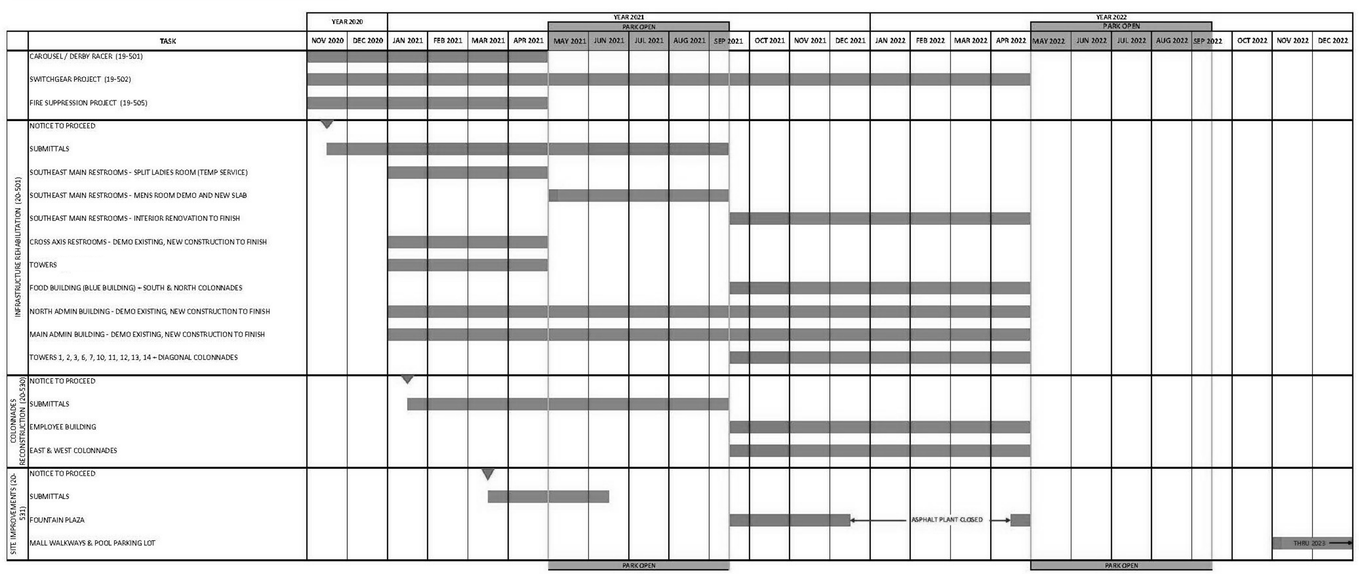
1. THIS INFORMATION IS PROVIDED TO THE CONTRACTOR TO INDICATE OTHER ACTIVITIES THAT WILL BE CONCURRENT WITH THIS CONTRACT. CONTRACTOR TO COOPERATE AND COORDINATE WITH OTHER WORK AS REQUIRED.
2. PLAYLAND MAINTENANCE AND OPERATIONS WILL BE ONGOING THROUGHOUT THE PARK AT ALL TIMES FOR THE DURATION OF THE CONTRACT. CONTRACTOR TO COOPERATE AND COORDINATE WITH OPERATIONS AS REQUIRED AND AS DIRECTED.
3. THIS INFORMATION IS PROVIDED TO THE CONTRACTOR TO ILLUSTRATE USE-OF-SITE CONDITIONS AND LIMITATIONS AS PER CONTRACT REQUIREMENTS.
4. WORK OF CONTRACT COMPONENTS SHALL BE COMPLETED BY MILESTONE DATES INDICATED INCLUDING ALLOWANCES FOR FACILITY FIT-OUT BY OTHERS AND OPERATIONS ACTIVITIES TO READY THE FACILITY FOR PUBLIC ACTIVITIES, AS REQUIRED FOR EACH FACILITY.
5. ALSO REFER TO DETAILED SITE STAGING DRAWINGS FOR INDIVIDUAL CONTRACT COMPONENTS, FURTHER IN THIS DRAWING PACKAGE.

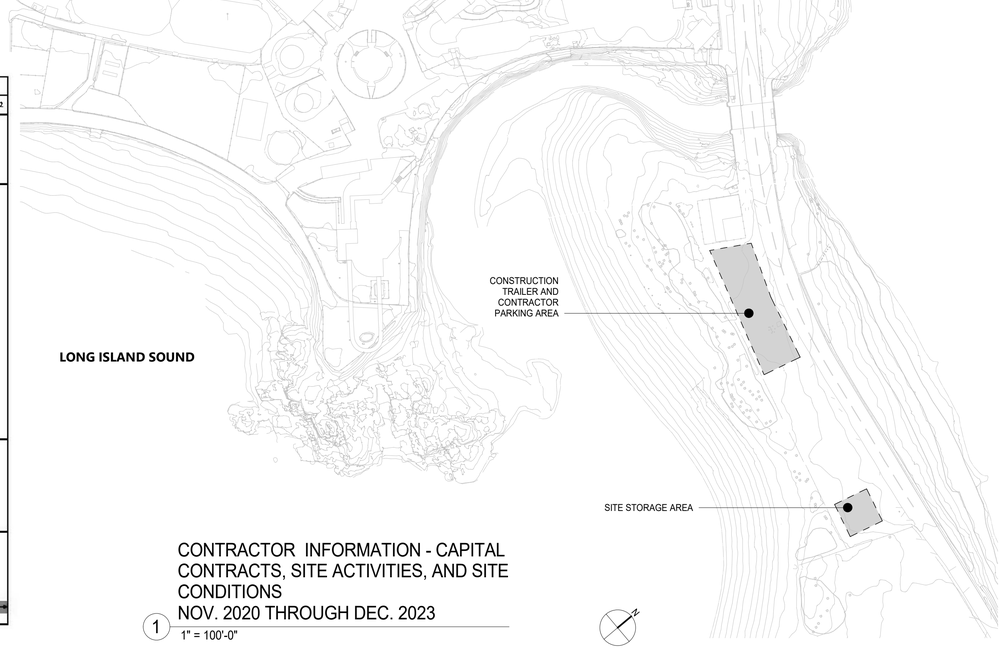


PLAYLAND PARK CAPITAL CONTRACTS LEGEND

KEY	CONTRACT #	SCOPE
	CONTRACT 19-501	• CAROUSEL • DERBY RACER
	CONTRACT 19-502	• SWITCHGEAR
	CONTRACT 19-505	• FIRE SUPPRESSION
	CONTRACT 20-501	• INFRASTRUCTURE REHABILITATION
	CONTRACT 20-530	• EMPLOYEE BUILDING • COLONNADES
	CONTRACT 20-531	• SITE IMPROVEMENTS
	CONTRACT 20-504	• BATHHOUSE

PLAYLAND PARK CAPITAL CONTRACTS PHASING PLAN





CONTRACTOR INFORMATION - CAPITAL CONTRACTS, SITE ACTIVITIES, AND SITE CONDITIONS
NOV. 2020 THROUGH DEC. 2023

1 1" = 100'-0"

10/20/2020 4:29:37 PM

CONSULTANT INFORMATION

The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH P. GRANT NO. 031021 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

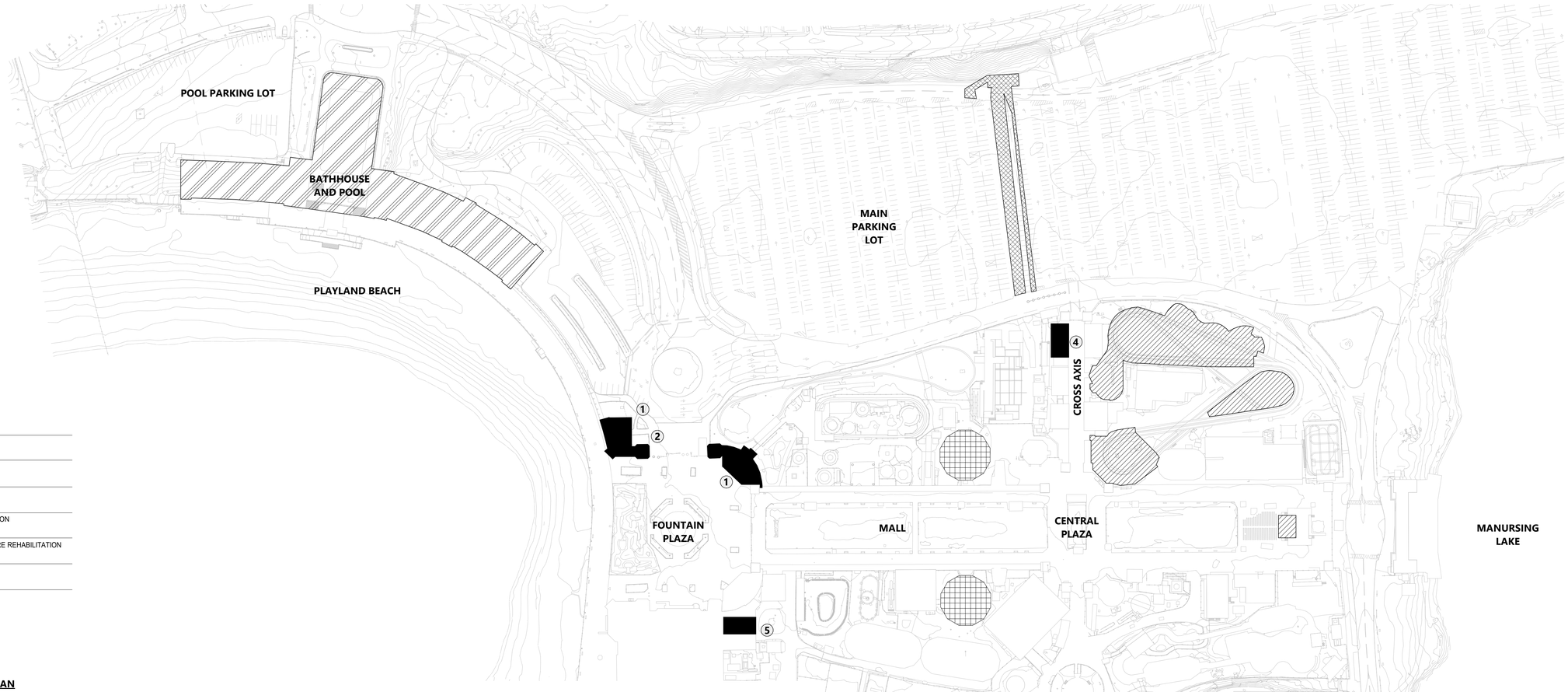
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
TOWERS, COLONNADES, AND FOOD VENDOR SPACES
CAPITAL CONTRACTS AND SITE ACTIVITIES NOV. 2020 THROUGH DEC. 2023

CONTRACT NUMBER	20-501
SHEET NUMBER	T-06
DWG NO.:	Page 6 of 387
SCALE:	1" = 100'-0"
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-T-6
REV. NO.	0

INFORMATION FOR CONTRACT #20-501

NOVEMBER 2020 - APRIL 2021

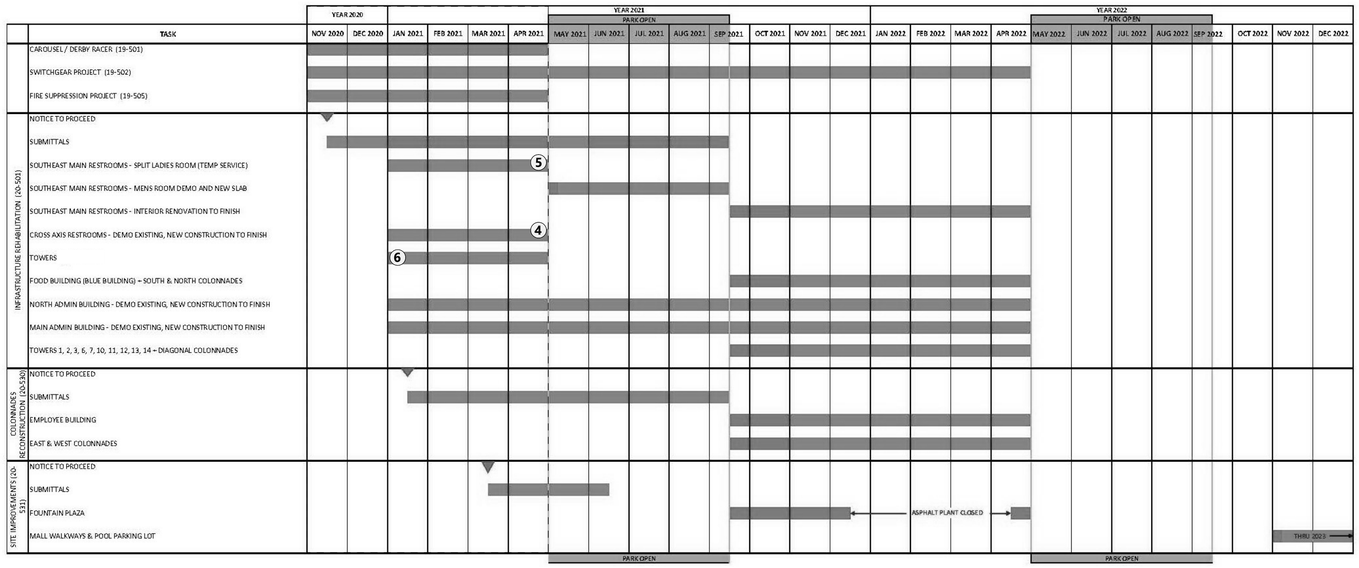
1. PROVIDE JOBSITE ENCLOSURE FOR THE ADMINISTRATION BUILDING, THE NORTH ADMINISTRATION BUILDING, AS REQUIRED FOR PUBLIC SAFETY.
2. ADMINISTRATION BUILDING WILL BE OCCUPIED THROUGHOUT THE CONTRACT PERIOD AND THE WORK. ENSURE SAFE ACCESS AND MAINTAIN EGRESS AT ALL TIMES.
3. JOBSITE ENCLOSURE WITHIN THE PARK SECURE AREA IS NOT REQUIRED FOR THIS PERIOD.
4. COMPETITION OF CROSS AXIS RESTROOMS BY APRIL 30, 2021 IS REQUIRED.
5. TEMPORARY DIVISION OF RESTROOM MUST BE COMPLETE AND OPERATIONAL BY APRIL 30, 2021.
6. REMOTE PREFABRICATION OF TOWER COMPONENTS IS ENCOURAGED. LOCATION TO BE COORDINATED WITH PARK OPERATIONS.
7. PLAYLAND MAINTENANCE AND OPERATIONS WILL BE ONGOING THROUGHOUT THE PARK AT ALL TIMES FOR THE DURATION OF THE CONTRACT. CONTRACTORS TO COOPERATE AND COORDINATE WITH OPERATIONS AS REQUIRED AND AS DIRECTED.
8. ALSO REFER TO DETAILED SITE STAGING DRAWINGS FOR INDIVIDUAL CONTRACT COMPONENTS, FURTHER IN THIS DRAWING PACKAGE.

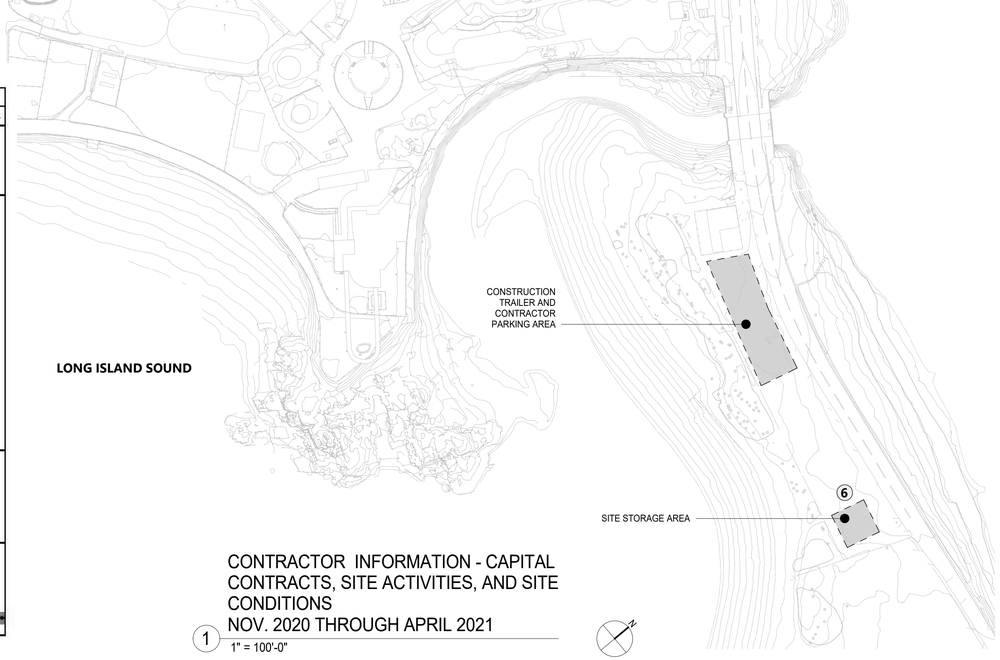


PLAYLAND PARK CAPITAL CONTRACTS LEGEND

KEY	CONTRACT #	SCOPE
	CONTRACT 19-501	• CAROUSEL • DERBY RACER
	CONTRACT 19-502	• SWITCHGEAR
	CONTRACT 19-505	• FIRE SUPPRESSION
	CONTRACT 20-501	• INFRASTRUCTURE REHABILITATION
	CONTRACT 20-504	• BATHHOUSE

PLAYLAND PARK CAPITAL CONTRACTS PHASING PLAN





CONTRACTOR INFORMATION - CAPITAL CONTRACTS, SITE ACTIVITIES, AND SITE CONDITIONS
NOV. 2020 THROUGH APRIL 2021

1 1" = 100'-0"

10/20/2020 4:29:38 PM

CONSULTANT INFORMATION

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(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH P. GRANT NO. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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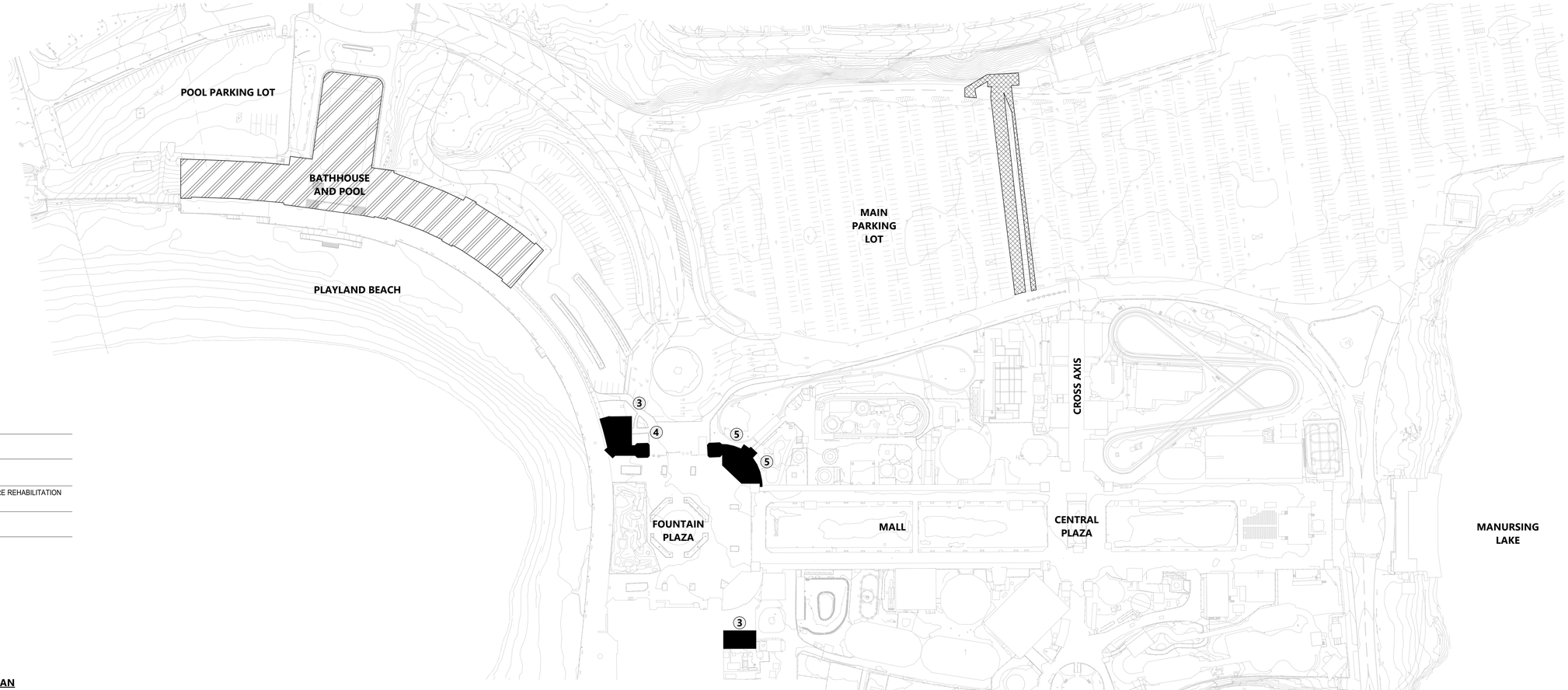
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
TOWERS, COLONNADES, AND FOOD VENDOR SPACES
CAPITAL CONTRACTS AND SITE ACTIVITIES NOV. 2020 THROUGH APRIL 2021

CONTRACT NUMBER	20-501
SHEET NUMBER	T-07
DWG NO.:	Page 7 of 387
SCALE:	1" = 100'-0"
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-T-7
REV. NO.	0

INFORMATION FOR CONTRACT #20-501
MAY 2021 THROUGH SEPTEMBER 2021
(OPENING SEASON)

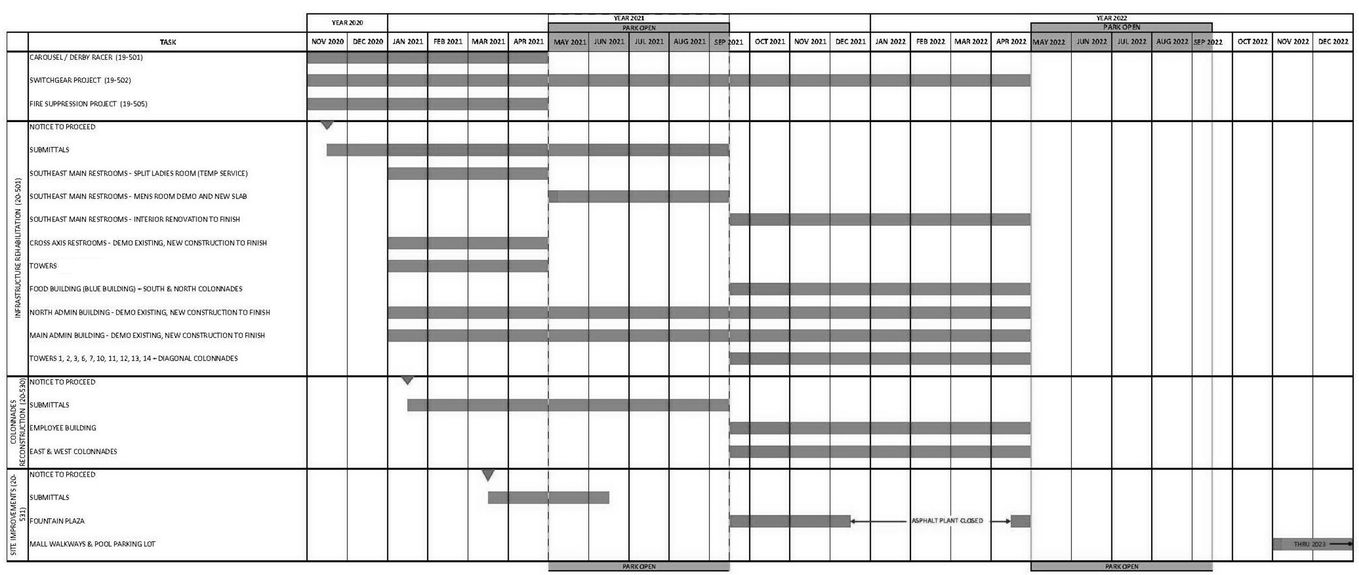
1. PARK WILL BE OPEN TO THE PUBLIC FOR ALL AMUSEMENTS ACTIVITIES.
2. CONSTRUCTION ACTIVITIES PERMITTED ONLY IN AREAS INDICATED.
3. WHERE CONSTRUCTION ACTIVITY IS PERMITTED, PROVIDE JOBSITE ENCLOSURE AS REQUIRED FOR PUBLIC SAFETY.
4. ADMINISTRATION BUILDING WILL BE OCCUPIED THROUGHOUT THE CONTRACT PERIOD. ENSURE SAFE ACCESS AND MAINTAIN EGRESS AT ALL TIMES.
5. AT THE NORTH ADMINISTRATION BUILDING, NO EXTERIOR WORK WILL BE PERMITTED AT THE REAR (KIDDYLAND) SIDE OF THE BUILDING. ENSURE PUBLIC SAFETY AND PARK OPERATION IN THE KIDDYLAND AREA.
6. PLAYLAND MAINTENANCE AND OPERATIONS WILL BE ONGOING THROUGHOUT THE PARK AT ALL TIMES FOR THE DURATION OF THE CONTRACT. CONTRACTOR TO COOPERATE AND COORDINATE WITH OPERATIONS AS REQUIRED AND AS DIRECTED.
7. ALSO REFER TO DETAILED SITE STAGING DRAWINGS FOR INDIVIDUAL CONTRACT COMPONENTS, FURTHER IN THIS DRAWING PACKAGE.

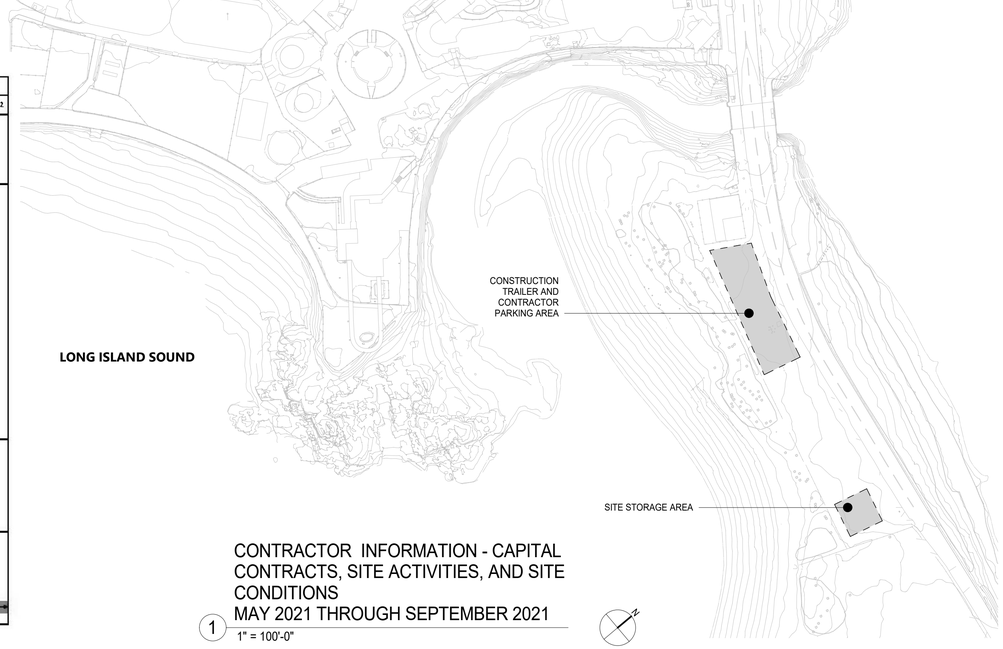


PLAYLAND PARK CAPITAL CONTRACTS LEGEND

KEY	CONTRACT #	SCOPE
	CONTRACT 19-502	• SWITCHGEAR
	CONTRACT 20-501	• INFRASTRUCTURE REHABILITATION
	CONTRACT 20-504	• BATHHOUSE

PLAYLAND PARK CAPITAL CONTRACTS PHASING PLAN





CONTRACTOR INFORMATION - CAPITAL CONTRACTS, SITE ACTIVITIES, AND SITE CONDITIONS
MAY 2021 THROUGH SEPTEMBER 2021
1 — 1" = 100'-0"

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CONSULTANT INFORMATION
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(516) 938-5476 www.liro.com

CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH R. GRANT No. 031061 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

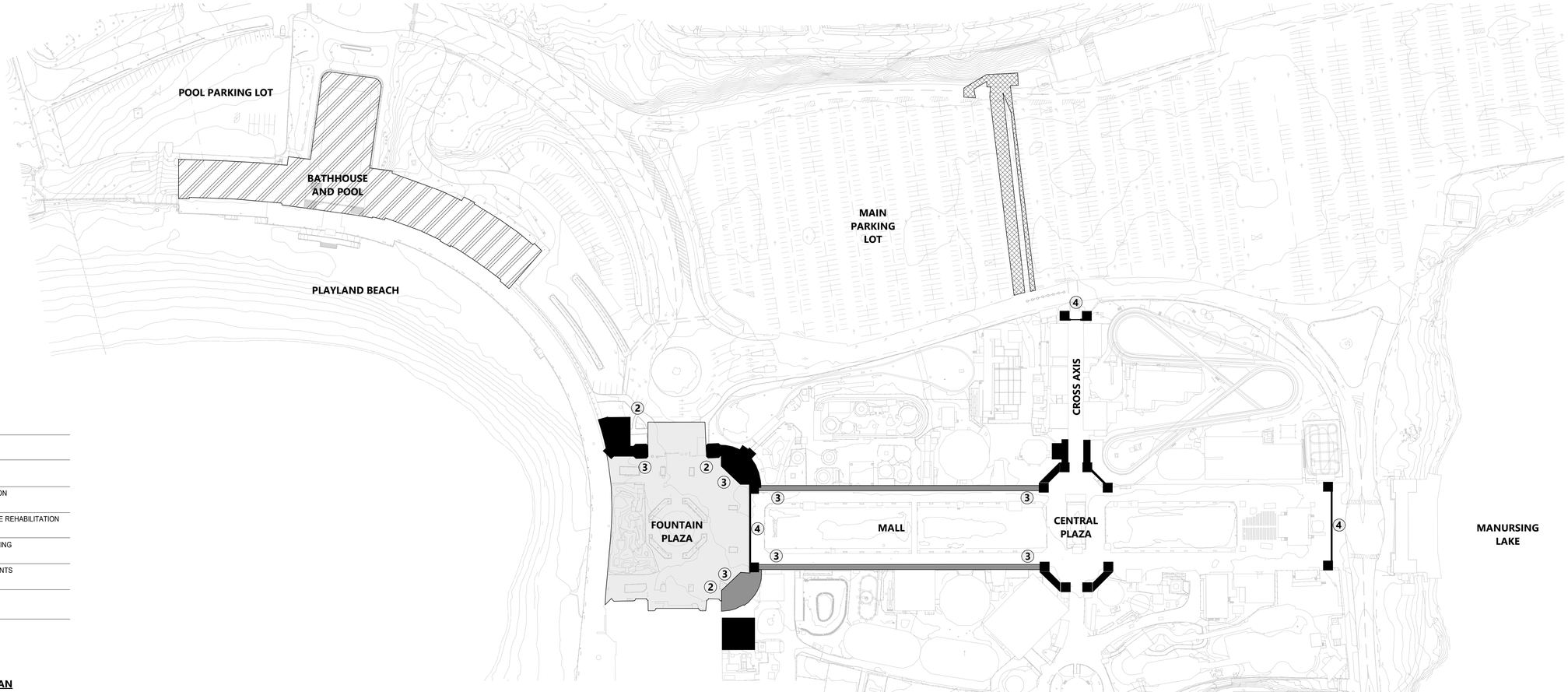
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
TOWERS, COLONNADES, AND FOOD VENDOR SPACES
CAPITAL CONTRACTS AND SITE ACTIVITIES MAY 2021 THROUGH SEPTEMBER 2021

CONTRACT NUMBER	20-501
SHEET NUMBER	T-08
DWG NO.:	Page 8 of 387
SCALE:	1" = 100'-0"
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-T-8
REV. NO.	0

INFORMATION FOR THE CONTRACTOR

SEPTEMBER 2021 - APRIL 2022

1. COMPLETION OF ALL CONTRACT WORK REQUIRED BY APRIL 29, 2022.
2. PROVIDE JOBSITE ENCLOSURE AS REQUIRED FOR PUBLIC SAFETY IN ALL AREAS OUTSIDE OF THE PARK SECURED AREA.
3. COOPERATE WITH THE WORK OF OTHER CONTRACTS AS REQUIRED TO ENSURE COMPLETION OF ALL WORK BY APRIL 29, 2022.
4. WHEN PERFORMING WORK AT GATES AND SECURITY FENCES, PROVIDE TEMPORARY SECURITY AS REQUIRED AND MAINTAIN ACCESS FOR EMERGENCY VEHICLES AND THE WORK OF OTHER CONTRACTS.
5. PLAYLAND MAINTENANCE AND OPERATIONS WILL BE ONGOING THROUGHOUT THE PARK AT ALL TIMES FOR THE DURATION OF THE CONTRACT. CONTRACTOR TO COOPERATE AND COORDINATE WITH OPERATIONS AS REQUIRED AND AS DIRECTED.
6. ALSO REFER TO DETAILED SITE STAGING DRAWINGS FOR INDIVIDUAL CONTRACT COMPONENTS, FURTHER IN THIS DRAWING PACKAGE.



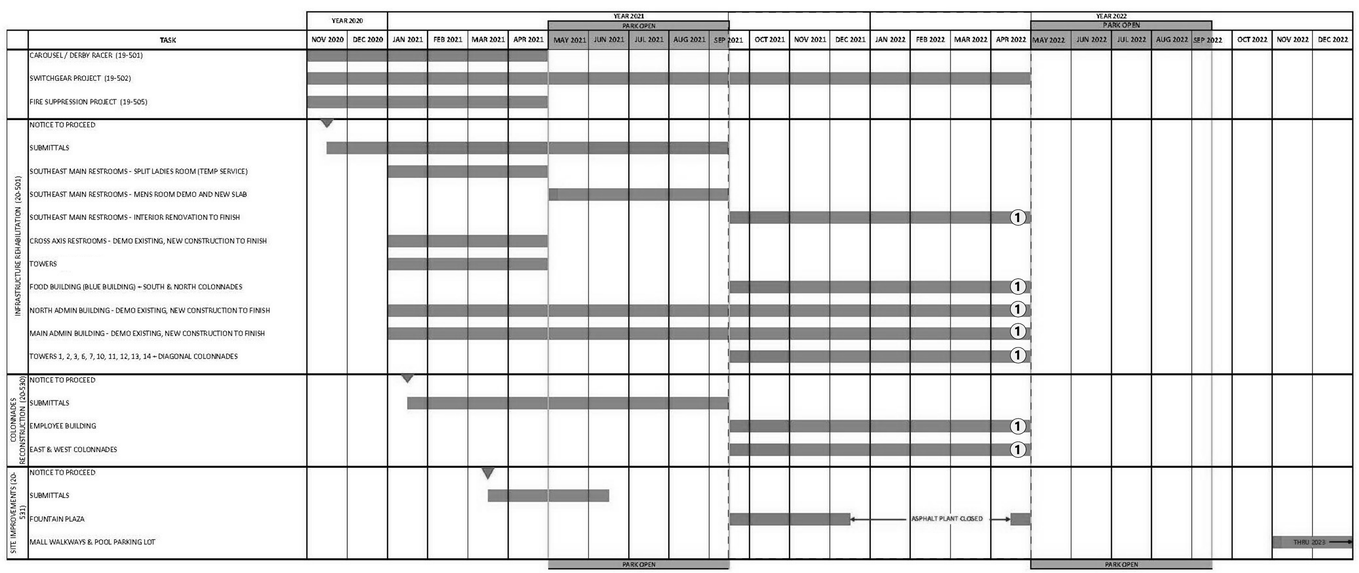
CONTRACTOR INFORMATION - CAPITAL CONTRACTS, SITE ACTIVITIES, AND SITE CONDITIONS
SEPTEMBER 2021 THROUGH APRIL 2022

1 — 1" = 100'-0"

PLAYLAND PARK CAPITAL CONTRACTS LEGEND

KEY	CONTRACT #	SCOPE
	CONTRACT 19-502	• SWITCHGEAR
	CONTRACT 19-505	• FIRE SUPPRESSION
	CONTRACT 20-501	• INFRASTRUCTURE REHABILITATION
	CONTRACT 20-530	• EMPLOYEE BUILDING • COLONNADES
	CONTRACT 20-531	• SITE IMPROVEMENTS
	CONTRACT 20-504	• BATHHOUSE

PLAYLAND PARK CAPITAL CONTRACTS PHASING PLAN



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PLAYLAND PARK, RYE, NEW YORK
TOWERS, COLONNADES, AND FOOD VENDOR SPACES
CAPITAL CONTRACTS AND SITE ACTIVITIES SEPTEMBER 2021 THROUGH APRIL 2022

CONTRACT NUMBER	20-501
SHEET NUMBER	T-09
DWG NO.:	Page 9 of 387
SCALE:	1" = 100'-0"
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-T-9
REV. NO.	0

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SYMBOLS:

LIGHTING AND POWER

SYMBOL	DESCRIPTION
7	HOMERUN TO PANEL OR EQUIPMENT AS NOTED. CONDUIT SHALL BE 3/4"C, 2#12 & 1#12 GND. U.O.N.. NUMBER INDICATES CIRCUIT
	HOMERUN TO PANEL OR EQUIPMENT AS NOTED. CONDUIT SHALL BE 3/4"C, 2#12 & 1#12 GND. U.O.N.
	EXISTING CONDITIONS
	EXPOSED CONDUIT RUN
E	UNDERGROUND ELECTRICAL DUCTBANK
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	BARE COPPER GROUND OR LPS COPPER WIRE ROPE
(J) J	CEILING MOUNTED JUNCTION/SPLICE BOX, SIZE AS REQUIRED. SUBSCRIPT 'F' INDICATES FLOOR MOUNTED.
	GROUND
J	JUNCTION BOX/FLEXIBLE CONDUIT FOR EQUIPMENT CONNECTION WITH POWER AND GROUND WIRES. 'SEALTITE' AS REQUIRED.
	MOTOR STARTER, SIZE 1 STARTERS UNLESS OTHERWISE NOTED.
PNL	LIGHTING AND POWER PANELBOARD, SURFACE MOUNTED ON WALL.
RP	RELAY LIGHTING PANEL
S_a	SINGLE POLE TOGGLE SWITCH. SUBSCRIPT DENOTES FIXTURES CONTROLLED. 'K' INDICATES KEY OPERATED. '3' INDICATES THREE-WAY SWITCH.
RS	WALL MOUNTED DUPLEX THREE WIRE GROUNDED RECEPTACLE, 20A, 125V. MOUNTED AT 18" AFF. R- RECEPTACLE, 5-CIRCUIT, (F)-FLUSH MOUNTED, (GFI)-GROUND FAULT INTERRUPTER, (BUP)-WEATHERPROOF BOX-LOCKABLE
R 5	QUADRUPLEX THREE WIRE GROUNDED RECEPTACLE, 20A, 125V. MOUNTED AT 18" AFF. R-RECEPTACLE, 5-CIRCUIT, (F)-FLUSH MOUNTED, (GFI)-GROUND FAULT INTERRUPTER, (BUP)-WEATHERPROOF BOX-LOCKABLE
R	REMOTE CONTROL SWITCH/RELAY. RATING AS REQUIRED OR INDICATED.
	CIRCUIT BREAKER.
	GROUND
C#	CABLE & CONDUIT ID
	DOWN CONDUCTOR
	AIR TERMINAL / LIGHTNING PROTECTION
	REMOVALS FOR RESTORATION OR TO BE DISCARDED (AS NOTED)
100AF 25AT 3P	CIRCUIT BREAKER: AF DENOTES AMP FRAME AT DENOTES AMP TRIP 3P DENOTES NUMBER OF POLES (SHALL BE 3 POLE UNLESS OTHERWISE NOTED)
	WALL MOUNTED EXIT LIGHT. DIRECTIONAL ARROWS INDICATED.
D	DISCONNECT
	COPPER CLAD GROUND ROD
X 1	LIGHTING FIXTURE IDENTIFICATION X – INDICATES FIXTURE TYPE 1 – INDICATES CIRCUIT NO.

* FOR ALL LIGHTING CONTROLS SYMBOLS SEE LIGHTING CONTROL DRAWINGS WITHIN EACH PACKAGE.

GENERAL REQUIREMENTS

1. THE WORK COVERED BY THESE SPECIFICATIONS AND THE DRAWINGS CONSISTS OF REMOVAL OF EXISTING EQUIPMENT AND COMPONENTS AND FURNISHING NEW EQUIPMENT, MATERIALS, LABOR AND SERVICES TO COMPLETE THE FUNCTIONING ELECTRICAL WORK AS SHOWN ON THE DRAWINGS.
2. WORK SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE CODES, LAWS, RULES AND REGULATIONS. CONTRACTOR SHALL OBTAIN AND PAY FOR PERMITS, INSPECTIONS, FEES, ETC..
3. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL FIELD CONDITIONS, DIMENSIONS AND DISTANCES BEFORE STARTING THE WORK. CONTRACTOR SHALL REPORT DISCREPANCIES TO OWNER AND ENGINEER FOR RESOLUTION.
4. A WORK SCHEDULE SHALL BE SUBMITTED TO THE OWNER FOR APPROVAL. WORK REQUIRING INTERRUPTION TO EXISTING SERVICES SHALL BE PERFORMED AT TIMES APPROVED BY THE OWNER. NO SYSTEM SHALL BE SHUT DOWN, DISCONNECTED OR REMOVED WITHOUT PRIOR APPROVAL.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFE-KEEPING OF HIS OWN PROPERTY ON THE JOB SITE. OWNER ASSUMES NO RESPONSIBILITY FOR PROTECTION OF PROPERTIES AGAINST FIRE, THEFT AND ENVIRONMENTAL CONDITIONS.
6. AN INSULATED GROUND CONDUCTOR SHALL BE INSTALLED WITH ALL NEW POWER CIRCUITS. ALL CONDUCTORS SHALL BE COPPER, ALL POWER PANEL BUSSES SHALL BE COPPER.
7. PROVIDE ALL REQUIRED CONDUITS, WIREWAYS, CABLES, FITTINGS, PULLBOXES, HANGERS, SUPPORTS, MISCELLANEOUS STRUCTURAL STEEL SLEEVES, ETC FOR A COMPLETED AND FUNCTIONAL ELECTRICAL SYSTEM.
8. SEALTIGHT FLEXIBLE CONDUITS SHALL BE INSTALLED TO CONNECT MOTORS AND EQUIPMENT SUBJECT TO VIBRATION, AND SHALL NOT EXCEED 18". PROVIDE GROUNDING STRAP ACROSS FLEXIBLE CONDUIT.
9. SUBMIT SHOP DRAWINGS FOR APPROVAL FOR ALL MATERIALS AND EQUIPMENT. NO SUBMISSION WILL BE ACCEPTED WITHOUT THE SIGNED APPROVAL OF THE CONTRACTOR.
10. PRIOR TO FINAL PAYMENT, CONTRACTOR SHALL PROVIDE TO OWNER ONE SET OF REPRODUCIBLE AS-BUILT/RECORD DRAWINGS. DRAWINGS SHALL CLEARLY INDICATE ALL PIPE AND ELECTRICAL CONDUIT ROUTING ON PLANS AS WELL AS ALL DEVIATIONS FROM THE CONTRACT DOCUMENTS.
11. THE TERM "FURNISH" SHALL MEAN TO OBTAIN AND SUPPLY TO THE JOB SITE. THE TERM "INSTALL" SHALL MEAN TO FIX IN POSITION AND CONNECT FOR USE. THE TERM "PROVIDE" SHALL MEAN FURNISH AND INSTALL.
12. EQUIPMENT, MATERIAL AND WORKMANSHIP SHALL BE GUARANTEED IN WRITING AGAINST DEFECTS FOR ONE YEAR FOLLOWING DATE OF ACCEPTANCE. DEFECTS SHALL BE CORRECTED IMMEDIATELY AT NO COST TO THE OWNER.
13. ALL ELECTRICAL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, LATEST EDITION (NFPA-70), DEPARTMENT OF LICENSES AND INSPECTIONS, AND ANY OTHER AUTHORITIES THAT MAY HAVE JURISDICTION THEREOF.
14. DRAWINGS ARE INTENDED TO SHOW APPROXIMATE AND RELATIVE LOCATIONS OF EQUIPMENT. DRAWINGS SHALL BE SCALED TO DETERMINE LENGTHS, LOCATIONS OR CLEARANCES.
15. ELECTRICAL WORK SHALL BE COORDINATED BY THE CONTRACTOR WITH OTHER TRADES INVOLVED IN THE CONSTRUCTION PROJECT. ALL WORK SHALL BE CAREFULLY LAID OUT IN ADVANCE, COORDINATING ELECTRICAL FEATURES WITH ARCHITECTURAL, STRUCTURAL, AND MECHANICAL FEATURES OF CONSTRUCTION.
16. LISTINGS: ALL EQUIPMENT AND MATERIALS FOR WHICH UNDERWRITERS LABORATORIES, INC. PROVIDES PRODUCT LISTING SERVICE SHALL BE UNDERWRITERS LABORATORIES APPROVED AND BEAR THE U.L. LABEL.
17. CONTRACTOR SHALL PERFORM ALL OPERATIONS NECESSARY TO INSTALL, ADJUST AND PUT INTO SATISFACTORY OPERATION ALL ELECTRICAL EQUIPMENT. CONTRACTOR SHALL INSURE THAT PHASE ROTATIONS IS CONSISTENT FOR THE SYSTEM.
18. ALL EXPOSED CONDUIT SHALL BE 3/4" RGS AND ALL BELOW GRADE CONDUIT SHALL BE 1" PVC UNLESS NOTED OTHERWISE..
19. ALL NEW WIRING CONDUCTORS SHALL BE COPPER. MINIMUM WIRE SIZE SHALL BE #12 UNLESS NOTED OTHERWISE.
20. ALL GROUNDING SHALL BE PER THE REQUIREMENTS OR ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
21. ELECTRICAL DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC, LOCATIONS OF EQUIPMENT ARE SHOWN TO SCALE WHERE POSSIBLE BUT MAY BE DISTORTED FOR CLARITY. IT IS NOT WITHIN THE SCOPE OF THE DRAWINGS TO SHOW ALL NECESSARY BENDS, OFFSETS AND OBSTRUCTIONS. INCLUDE ALL WORKS TO CONFORM THE STRUCTURE, PRESERVE HEADROOM AND KEEP OPENINGS AND PASSAGEWAYS CLEAR.
22. NO HOLES OR RECESSES MAY BE CUT IN WALLS, FLOORS, CEILINGS, OR ANY PART OF THE BUILDING TO ADMIT CONDUIT OR OTHER WORK OF THIS CONTRACT WITHOUT PRIOR SUBMISSION TO AND REVIEW AND APPROVAL BY OWNER AND/OR ENGINEER. WORK SHALL BE PERFORMED BY COMPETENT PERSONS SKILLED IN THIS FIELD IN A NEAT AND CRAFTSMAN LIKE MANNER. ANY CUTTING, DRILLING, CORING, ETC. SHALL BE DONE CORRECTLY TO MINIMIZE THE SPREAD OF DUST. PROVIDE DUST PROTECTION AS APPROVED BY OWNER AND/OR ENGINEER. THE PORTIONS CUT MUST BE RESTORED TO THEIR ORIGINAL CONDITION. INCLUDE ALL COSTS FOR ALL CUTTING AND PATCHING REQUIRED FOR THE ELECTRICAL WORK IN THE BASE BID EXACT LOCATION OF CONDUIT PENETRATION(S) SHALL BE DETERMINED IN FIELD.
23. PROVIDE AND INSTALL SLEEVES AND APPROVED FOR PENETRATIONS THROUGH BLOCK OR CONCRETE WALLS AND FLOORS.
24. OBTAIN ALL REQUIRED PERMITS AND ARRANGE FOR ALL REQUIRED INSPECTIONS FOR THE EXECUTION OF ELECTRICAL WORK. PROVIDE ALL INSTRUMENTS AND EQUIPMENT AS NECESSARY TO PERFORM ALL TESTS REQUIRED BY THE AUTHORITIES HAVING JURISDICTION. CORRECT ALL FAILURES AND REPLACE ANY DAMAGED PORTIONS OF THE WORK RESULTING FROM TESTS. THIS SHALL INCLUDE ALL COSTS ASSOCIATED WITH THE TESTS, PERMITS AND/OR FEES.
25. ALL WORK SHALL BE PERMANENTLY AND EFFECTIVELY GROUNDED WHETHER OR NOT SUCH CONNECTIONS ARE SPECIFICALLY SHOWN OR SPECIFIED. GROUND RESISTANCE AT ANY POINT SHALL NOT EXCEED THE REQUIREMENT OF THE NEC.

GENERAL REQUIREMENTS CONTINUED

26. CONTRACTOR SHALL PROVIDE FOR ALL MATERIAL AND LABOR REQUIRED FOR COMPLETE INSTALLATION(S) AS SHOWN AND AS SPECIFIED TO THE COMPLETE SATISFACTION OF THE OWNER AND/OR ENGINEER.
27. CONTRACTOR SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK AND FULLY BECOME INFORMED AS TO ALL CONDITIONS AND MATTERS THAT CAN, IN ANY WAY, AFFECT THE WORK OR THE COST THEREOF. SHOULD THERE BE DISCREPANCIES BETWEEN EXISTING CONDITIONS AND NEW WORK FROM THE DRAWINGS, SPECIFICATIONS OR OTHER DOCUMENTS, OR BE IN DOUBT AS TO THEIR MEANING, NOTIFY THE OWNER AND/OR THE ENGINEER AT ONCE, IN WRITING, OF ANY DISCREPANCIES AND OBTAIN CLARIFICATION PRIOR TO SUBMITTING ANY BID. ABSENCE OF SUCH NOTIFICATION SHALL BE INTERPRETED TO INDICATE NO DISCREPANCIES OR CONFLICTS EXIST. ADDITIONAL COMPENSATION SHALL NOT BE GRANTED AFTER AWARD OF CONTRACT FOR ANY WORK NECESSARY TO COMPLY WITH THESE REQUIREMENTS.
28. CONDITIONS OF THE SITE: THE ACT OF SUBMITTING A BID SHALL BE EVIDENCE THAT THE CONTRACTOR HAS PROPERLY EXAMINED THE SITE AND FAMILIARIZED HIMSELF WITH ALL EXISTING CONDITIONS WITHIN THE SCOPE OF THIS WORK AND ACCEPTED SUCH CONDITIONS, AND MADE ALLOWANCES THEREFORE IN PREPARING THE COSTS.
29. THE DRAWINGS MAY NOT SHOW COMPLETE OR ACCURATE DETAILS OF THE EXISTING BUILDING IN EVERY RESPECT. EXACT LOCATIONS AND RELATIONSHIPS ARE TO BE DETERMINED IN THE FIELD AND THE WORK SHALL BE CONSTRUCTED TO THE SATISFACTION OF THE ENGINEER.
30. EXAMINE ALL CONTRACT DRAWINGS AND COOPERATE WITH OTHER CONTRACTORS PROVIDING LABOR, MATERIALS AND OTHER WORK, SO THAT THE WORK AS A WHOLE SHALL BE EXECUTED AND COMPLETED WITHOUT CONFLICT OR DELAY. VERIFY WITH OTHER TRADES THE LOCATIONS OF DEVICES, EQUIPMENT, VOLTAGE AND PHASE, BEFORE COMMENCING ANY WORK. WORK INSTALLED IMPROPERLY DUE TO NON-COORDINATION SHALL BE CHANGED AND CORRECTED AT NO ADDITIONAL COST.
31. REMOVAL AND RELOCATION OF CERTAIN EXISTING WORK MAY BE NECESSARY FOR THE PERFORMANCE OF GENERAL WORK. ALL EXISTING CONDITIONS ARE NOT COMPLETELY DETAILED ON THE DRAWINGS. SURVEY THE SITE AND MAKE ALL NECESSARY MODIFICATIONS REQUIRED BASED ON EXISTING CONDITIONS. FOR DEMOLITION OF EXISTING WORK, INCLUDE ALL MATERIALS AND LABOR IN THE BID PRICE. NO ALLOWANCE SHALL BE MADE FOR FAILURE TO DO SO.

GENERAL DEMOLITION NOTES

1. REMOVE FROM SITE ALL ITEMS DESIGNATED TO BE REMOVED. REMOVE ALL OUTLETS, BOXES, SUPPORTS, STEMS, DISCONNECT SWITCHES, ETC. RELATED TO ITEMS DESIGNATED TO BE REMOVED. UNLESS OTHERWISE SPECIFIED IN GENERAL, ALL CONDUIT AND WIRING SERVING REMOVED ITEMS SHALL BE REMOVED BACK TO THE SOURCE OF SUPPLY.
2. THE DRAWINGS DO NOT PURPORT TO SHOW ALL OBJECTS EXISTING AT THE SITE. BEFORE COMMENCING THE WORK, THE CONTRACTOR MUST VERIFY AT THE SITE ALL OBJECTS TO BE REMOVED OR PRESERVED, AND REPORT ANY DISCREPANCIES OR QUESTIONABLE ITEMS.
3. THE CONTRACTOR SHALL USE ALL MEANS NECESSARY TO PROTECT EXISTING OBJECTS NOT SHOWN TO BE REMOVED AND/OR EQUIPMENT DESIGNATED TO REMAIN, AND IN THE EVENT OF DAMAGE, IMMEDIATELY MAKE ALL REPAIRS AND REPLACEMENTS NECESSARY TO RESTORE SAID OBJECT AND EQUIPMENT TO THEIR ORIGINAL STATE PRIOR TO COMMENCING WORK.
4. ALL ELECTRICAL MATERIAL REMOVED DURING CONSTRUCTION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY REMOVED FROM THE PREMISES UNLESS OTHERWISE INDICATED.
5. COVER AND PROTECT ALL FLOORS, WALLS, CEILINGS AND FINISHES DURING DEMOLITION OPERATIONS. ANY FINISHES OR SURFACES DISTURBED AS A RESULT OF THE WORK IN THIS CONTRACT, SHALL BE REPAIRED AND PAINTED TO MATCH EXISTING.
6. CONTRACTOR SHALL NOT ALLOW RUBBISH AND DEMOLISHED ELECTRICAL MATERIAL ACCUMULATE. DEMOLISHED MATERIAL SHALL BE REMOVED ON A DAILY BASIS AND THE PREMISES SHALL BE KEPT AS CLEAN AND EMPTY AS POSSIBLE DURING DEMOLITION. ALL REMOVED MATERIAL SHALL BE DISPOSED OF BY LEGAL MEANS.
7. UNLESS NOTED OTHERWISE REMOVE ALL EXPOSED CONDUIT AND WIRING BACK TO THE SOURCE OF SUPPLY, INCLUDING CONDUIT AND WIRING ABOVE ACCESSIBLE CEILING FINISHES, WHERE SHOWN ON THE DRAWINGS.
8. REMOVE DIRT, DEBRIS, TRASH, ETC. AT THE END OF EACH DAY. BROOM CLEAN CONSTRUCTION AREA AT COMPLETION OF PROJECT TO THE SATISFACTION OF THE OWNER.

ABBREVIATIONS:

A	
A	AMPERE
AC	ALTERNATING CURRENT
AFF	ABOVE FINISHED FLOOR
ARCH	ARCHITECTURAL
ATS	AUTOMATIC TRANSFER SWITCH
A/C	AIR CONDITIONING
C	
C	CONDUIT
CAB	CABINET
CLG	CEILING
CB	CIRCUIT BREAKER
CKT(S)	CIRCUIT(S)
COL	COLUMN
D	
DISC	DISCONNECT
DWG	DRAWING
E	
EC	EMPTY CONDUIT
ELEC	ELECTRIC
EMR	ELEVATOR MECHANICAL ROOM
ETR	EXISTING TO REMAIN
EXH	EXHAUST
EXIST	EXISTING
F	
FL	FLOOR
G	
G	GUARD
GND	GROUND
GFI	GROUND FAULT INTERRUPTER
GRC	GALVANIZED RIGID CONDUIT
I	
IG	ISOLATED GROUND
J	
JB	JUNCTION BOX
K	
KVA	KILOVOLT AMPERE
KW	KILOWATT
KWH	KILOWATT HOUR
L	
LP	LIGHTING PANEL
LPS	LIGHTNING PROTECTION SYSTEM
LS	LOUDSPEAKER
LTG	LIGHTING
M	
MATV	MASTER TELEVISION
MCC	MOTOR CONTROL CENTER
MECH	MECHANICAL
MER	MECHANICAL EQUIPMENT ROOM
MIC	MICROPHONE
MTD	MOUNTED
N	
N	NEUTRAL
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
O	
OVD	OVERRIDE
P	
P	POLE(S)
PB	PULL BOX
PNL	PANEL
R	
RC	REMOTE CONTROL
RGS	RIGID GALVANIZED STEEL
S	
SP	SPARE
SSB	SOLID STATE BALLAST
STD	STANDARD
SW	SWITCH
SWBD	SWITCHBOARD
T	
TEL	TELEPHONE
TV	TELEVISION
TYP	TYPICAL
U	
U.O.N.	UNLESS OTHERWISE NOTED
V	
V	VOLT
W	
W	WATT
WP	WEATHERPROOF

CONDUIT SEPARATION REQUIREMENTS

AV SYSTEM WIRING IS DIVIDED INTO SEPARATE WIRING GROUPS ACCORDING TO THEIR NOMINAL VOLTAGE LEVELS. THESE WIRING GROUPS MUST NEVER BE INTERMIXED WITHIN COMMON CONDUITS, RACEWAYS, OR JUNCTION BOXES. ANY WIRING CLASSIFIED WITHIN A GIVEN GROUP CAN BE COMBINED IN CONDUIT CARRYING OTHER WIRING FROM THE SAME GROUP.

AV WIRING TYPES

	VOLTAGE LEVELS	CIRCUIT TYPES
GROUP A	0 TO 100 mV	MICROPHONES SENSITIVE CIRCUITS
GROUP B	100 mV TO 10 V	AUDIO TIE LINES VIDEO TIE LINES DATA TIE LINES DIGITAL CIRCUITS CONTROL CIRCUITS
GROUP C	10 V TO 70 V	LOUDSPEAKERS CONTROL CIRCUITS
GROUP D	N/A	FIBER OPTICS
GROUP E	120 V	AUDIO VIDEO TECHNICAL POWER (AVTP)

AV CONDUIT SEPARATION

	GROUP A	GROUP B	GROUP C	GROUP D	GROUP E
GROUP A	ADJACENT	1 FOOT	1 FOOT	ADJACENT	2 FEET
GROUP B	1 FOOT	ADJACENT	1 FOOT	ADJACENT	2 FEET
GROUP C	1 FOOT	1 FOOT	ADJACENT	ADJACENT	1 FOOT
GROUP D	ADJACENT	ADJACENT	ADJACENT	ADJACENT	1 FOOT
GROUP E	2 FEET	2 FEET	1 FOOT	1 FOOT	ADJACENT
120 V BRANCH CIRCUITS	2 FEET	2 FEET	1 FOOT	1 FOOT	1 FOOT
DIMMER CONTROLLED LIGHTING	2 FEET	2 FEET	1 FOOT	1 FOOT	1 FOOT
SCR CONTROLLED DEVICES	3 FEET	3 FEET	2 FEET	1 FOOT	1 FOOT
HIGH VOLTAGE FEEDER CIRCUITS	6 FEET	6 FEET	3 FEET	1 FOOT	1 FOOT
ALL OTHERS (PLUMBING, HEAT, ETC.)	2 FEET	2 FEET	2 FEET	2 FEET	2 FEET

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK · DAVID G. FREDERICK · 086076 · LICENSED PROFESSIONAL ENGINEER

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
GENERAL
ELECTRICAL SYMBOLS, ABBREVIATIONS AND NOTES

CONTRACT NUMBER	20-501
SHEET NUMBER	GE-E-01
DWG NO.:	Page 10 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-E-10
REV. NO.	0

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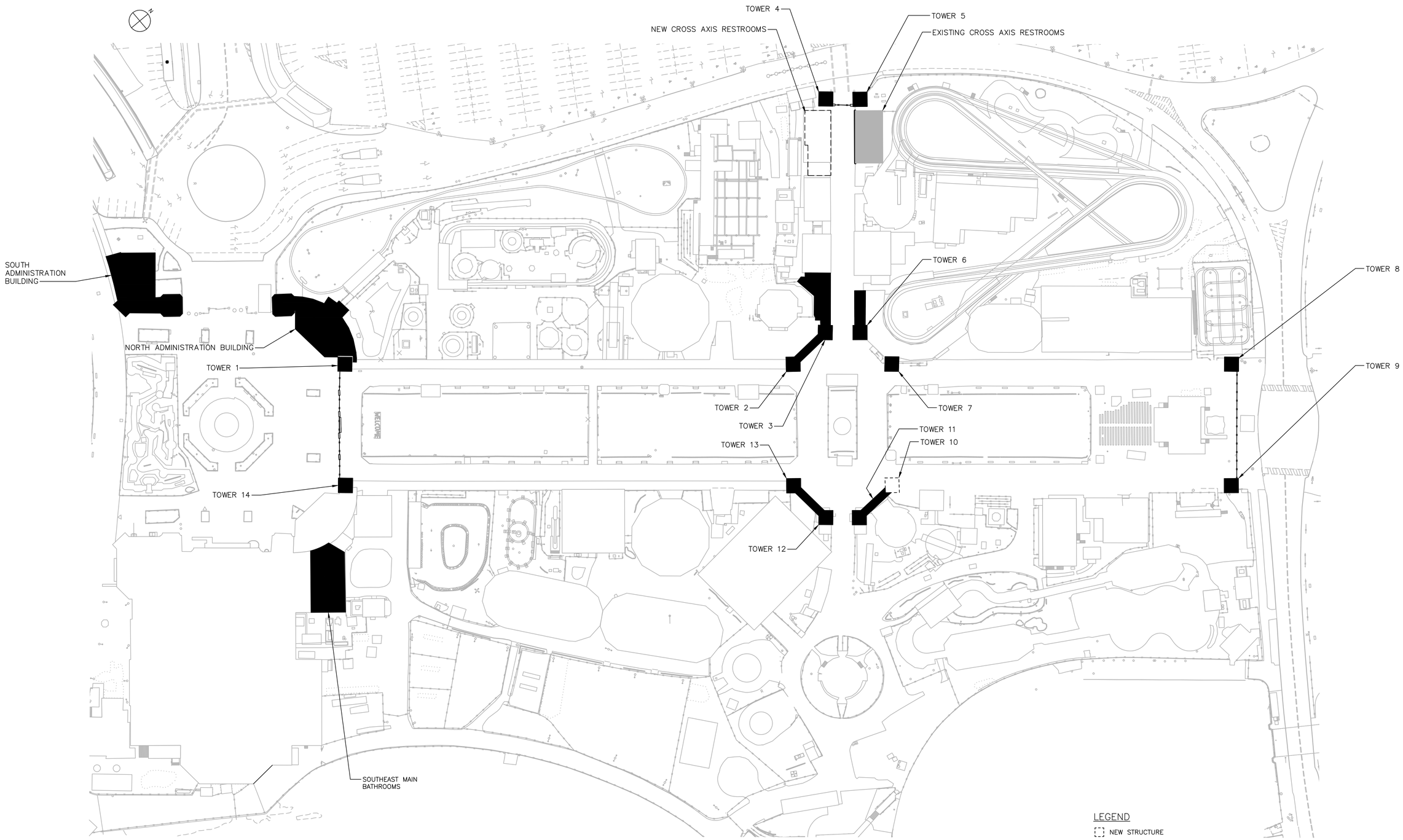

SITE PLAN
SCALE: 1" = 50'

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Rev#:
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DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
GENERAL
PROJECT LOCATIONS

CONTRACT NUMBER	20-501
SHEET NUMBER	GE-E-02
DWG NO.:	Page 11 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-E-11
REV. NO.	0

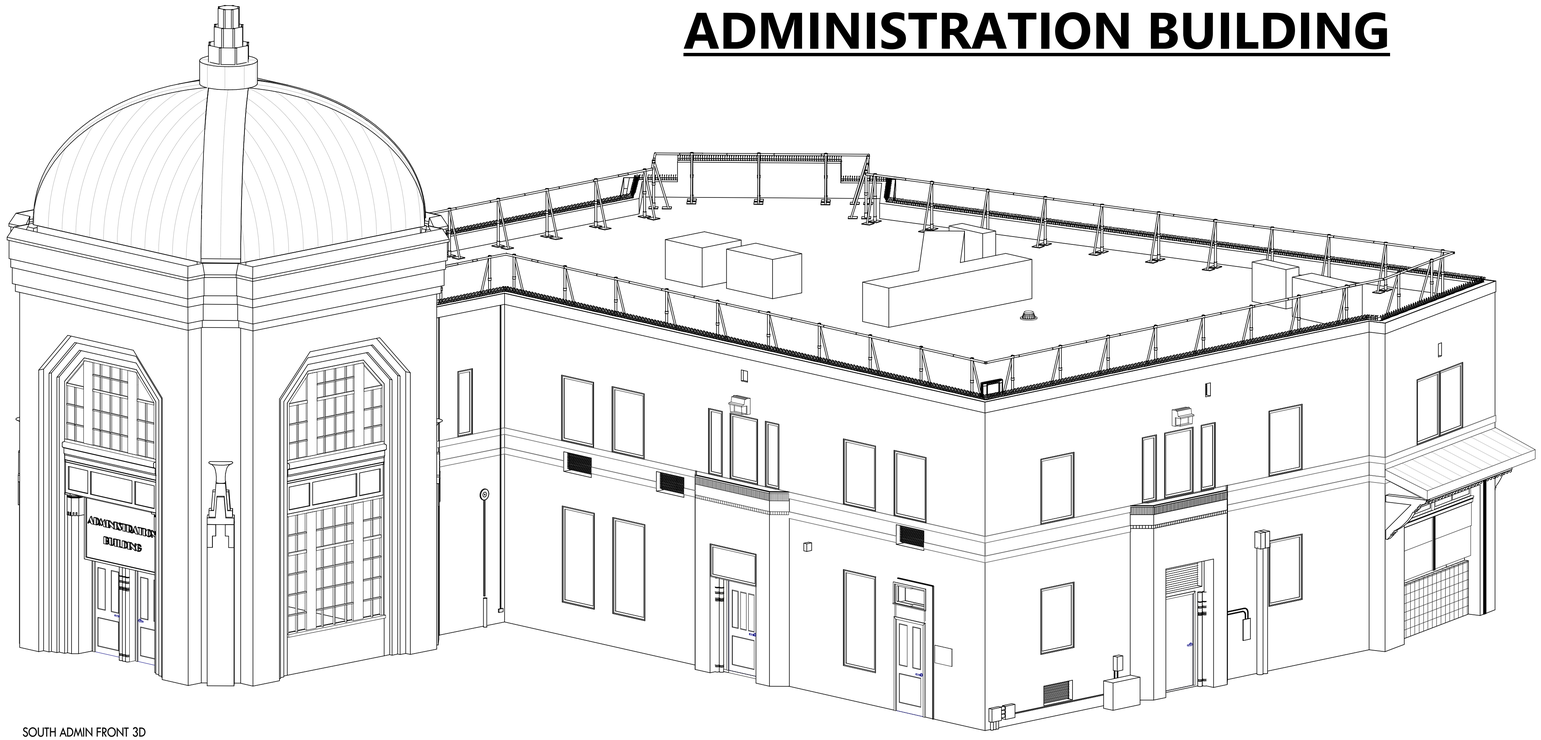
LIGHTING FIXTURE SCHEDULE

SYMBOL	TYPE	MOUNTING	LIGHT SOURCE	DESCRIPTION	ACCEPTABLE MANUFACTURER'S CATALOG NUMBERS	
	H1	ROOF	LED	FULL LANTERN FIXTURES (GATE PIERS) CUSTOM - SEE ARCH DWGS- 3000 LUMENS, 0-10V DIMMING	AURORA LAMPWORKS, INC (718) 384-6039	GRAND LIGHT https://grandlight.com/ 203-828-6596
	H2	WALL	LED	HALF LANTERN FIXTURES (TOWERS) CUSTOM - SEE ARCH DWGS- 3000 LUMENS, , 0-10V DIMMING	AURORA LAMPWORKS, INC (718) 384-6039	GRAND LIGHT https://grandlight.com/ 203-828-6596
	H3	ROOF	LED	ACORN HISTORICAL GLASS FIXTURE (TOP OF MULTIPLE BUILDINGS)	HOLOPHANE GVD3-P50-40K-MVOLT-LS-BK-SYCL-FPDxx	OR APPROVED EQUAL
	H5	ROOF	LED	EXTERIOR REFURBISHED FINIAL (DOME-TOP) CUSTOM - SEE ARCH DWGS- 3000 LUMENS, 0-10V DIMMING	AURORA LAMPWORKS, INC (718) 384-6039	GRAND LIGHT https://grandlight.com/ 203-828-6596
	H4	WALL	LED	EXTERIOR REFURBISHED TORCHIERE (ADMIN BUILDINGS) CUSTOM - SEE ARCH DWGS- 3000 LUMENS, 0-10 DIMMING	AURORA LAMPWORKS, INC (718) 384-6039	GRAND LIGHT https://grandlight.com/ 203-828-6596
	F1	ROOF	LED	SITE FLOOD LIGHTS (TOP OF TOWERS)	HOLOPHANE PLLED-P4-30K-MVOLT-55-YMS-WHSDP-20KV-WL-10-23-HRSBOR-NR	OR APPROVED EQUAL
	L5	WALL	LED	RIBBON EMBEDDED LED (TOWER MURAL PANELS)	WINONA LED WSL107W-ANSI-3500KWHITE-DM24V	OR APPROVED EQUAL
	R2A	CEILING	LED	RECESSED CAN FIXTURES (INTERIOR SOFFITS)	ACUITY BRANDS L4-08LM-3000K-MVOLT-G4-GZ1-NL	OR APPROVED EQUAL
	R2	EXTERIOR SOFFIT	LED	RECESSED CAN FIXTURES (EXTERIOR SOFFITS)	ACUITY BRANDS L4-08LM-30K-MVOLT-G4-GZ1-NL-P-WH-WET	OR APPROVED EQUAL
	R3	EXTERIOR SOFFIT	LED	ANGLED RECESSED CAN FIXTURES (EXTERIOR SOFFITS)	ACUITY BRANDS L4-08LM-30K-MVOLT-G4-GZ1-NL ACCESSORIES 4" SLOPED CEILING ADAPTER	OR APPROVED EQUAL
	M1	ROOF	LED	MARQUEE SKYWARD FACING CUSTOM BENDING (TOP OF BALUSTRADE COPING)	CELESTIAL LIGHTING AQR-Q-V1.2	OR APPROVED EQUAL
	M2	CEILING	LED	MARQUEE DOWNWARD FACING (COLONNADE CEILING NORTH ADMIN GIFT SHOP)	CELESTIAL LIGHTING AQR-QGC-6-SC-SAT	OR APPROVED EQUAL
	C1	CEILING	LED	PORCH LIGHTING (PORCH CEILING SURFACE MOUNTED)	HOLOPHANE PARKPAK PPSQL2-P40-30K-AS-GL T5W	OR APPROVED EQUAL
	T1	CEILING	LED	INTERIOR LIGHTING FOR DROP CEILING TILES (MAIN RESTROOMS)	JLC-TECH LLC FIXTURE: TBSL-MN-5-24-D-WT-BAR-DIM POWER SUPPLY KIT: TBSL-DIM-HP-440W-UNV	OR APPROVED EQUAL
	U1	CEILING	LED	INTERIOR LIGHTING FOR UTILITY CLOSETS	GOTHAM EV02-40-20-AR-LD-WD-MVOLT-UGZ-NLT, 0-10V DIMMING	OR APPROVED EQUAL
	L1	CEILING	LED	LINEAR LIGHT WITH EMERGENCY PACK (CROSS AXIS RESTROOM)	DAYOLITE PRFL24-D-FL-35K-SO-X-S-W-DIM10-EPC10 *XFT SEE PLANVIEWS FOR LINEAR FOOT LENGTHS	OR APPROVED EQUAL
	L2	CEILING	LED	INTERIOR RECESSED LINEAR (MAIN RESTROOM)	MARK LIGHTING: SL2L-LOP-XFT_FT_FLP-TG-90CRI-40K-800LMF-MIN1-120-BLKT-E10WLCP-NLIGHT-ZT-WL *XFT SEE PLANVIEWS FOR LINEAR FOOT LENGTHS	OR APPROVED EQUAL
	EM	WALL	LED	INTERIOR EMERGENCY LIGHT (ALL AREAS)	DESOTO HOLOPHANE DM90X12X00LBH2012P2ELB1228A	OR APPROVED EQUAL
	S1	CEILING	LED	INTERIOR SUSPENDED LED LIGHT COMPACT (NORTH ADMIN)	HOLOPHANE 02454 SERIES 24N-20DIN-12-C-W-F1-LAMP (SEE PLAN VIEWS FOR LAMP LUMENS) 0-10V DIMMING	OR APPROVED EQUAL
	W1	WALL	LED	INTERIOR WALL SCONCE COMPACT (NORTH ADMIN)	HOLOPHANE 02454 SERIES 24N-20DIN-12-C-W-F1-LAMP - WALL MOUNTED (SEE PLAN VIEWS FOR LAMP LUMENS) 0-10V DIMMING	OR APPROVED EQUAL
	SE	WALL	LED	EXTERIOR SECURITY LIGHT	HOLOPHANE MGLEDM-P8-0K-MVOLT-AR-UN-AO-RSDGR	OR APPROVED EQUAL
	EX	WALL / CEILING	LED	EXIT LIGHT - SINGLE FACE /DOUBLE FACE LED SELF POWERED WITH DUAL VOLTAGE 120V, RED LETTERS ON STENCIL FACE PANEL, UNIVERSAL ARROWS	LITHONIA LE-2-W-1-R-120/27-M-ELN-SD	OR APPROVED EQUAL
	L3	PENDANT	LED	INTERIOR PENDANT LIGHTING FOR SERVICE ROOM (MAIN RESTROOM)	HOLOPHANE EMS-L48-6000LM-LPAFL-MMVOLT-GZ10-40K-80CRI-E10WMCP-DPMB	OR APPROVED EQUAL
	R6	CEILING	LED	SQUARE RECESSED FIXTURE (PORCH CEILING)	LEVITON SS4G4DS-L2-358-ICS430-HZ-SFW	OR APPROVED EQUAL
	S2	CEILING	LED	INTERIOR SUSPENDED LED LIGHT LARGE (NORTH ADMIN)	HOLOPHANE 02454 SERIES 24N-20DIN-12-L-W-X-F1-LAMP (SEE PLAN VIEWS FOR LAMP LUMENS)	OR APPROVED EQUAL
	U2	SURFACE MOUNTED	LED	SPOTLIGHT FOR MEDIA SIGNS (TOWERS)	HOLOPHANE: SIGN VUE LED II SVLED2-SVL-PK3-MVOLT-40K-PLM-BKSDP-AO-IL-SVLEDF1FUS10	OR APPROVED EQUAL

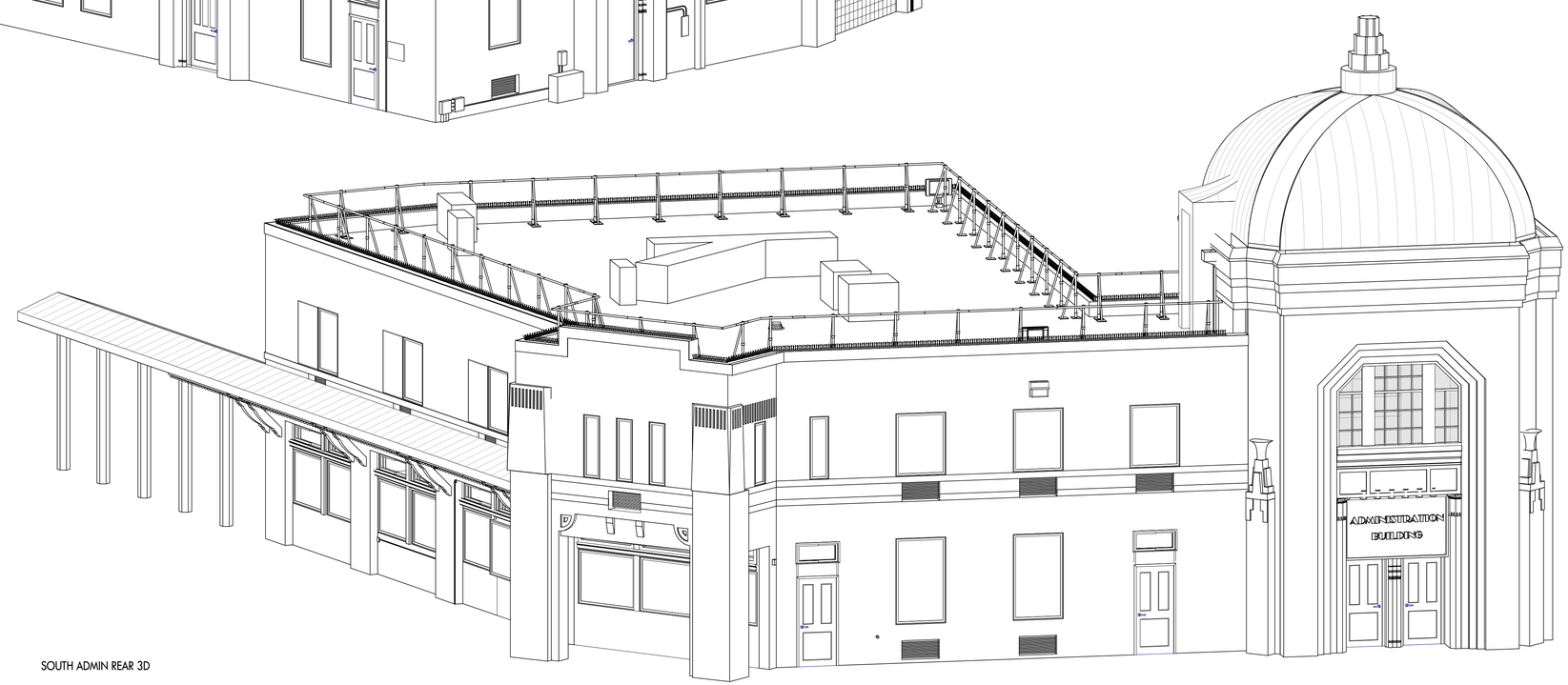
NOTES:

1. CONTRACTOR SHALL COORDINATE FINAL LIGHTING FIXTURE COLORS WITH ARCHITECT DURING CONSTRUCTION.

ADMINISTRATION BUILDING



SOUTH ADMIN FRONT 3D



SOUTH ADMIN REAR 3D

10/15/2020 5:46:10 PM

CONSULTANT INFORMATION

The LiRo Group

3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

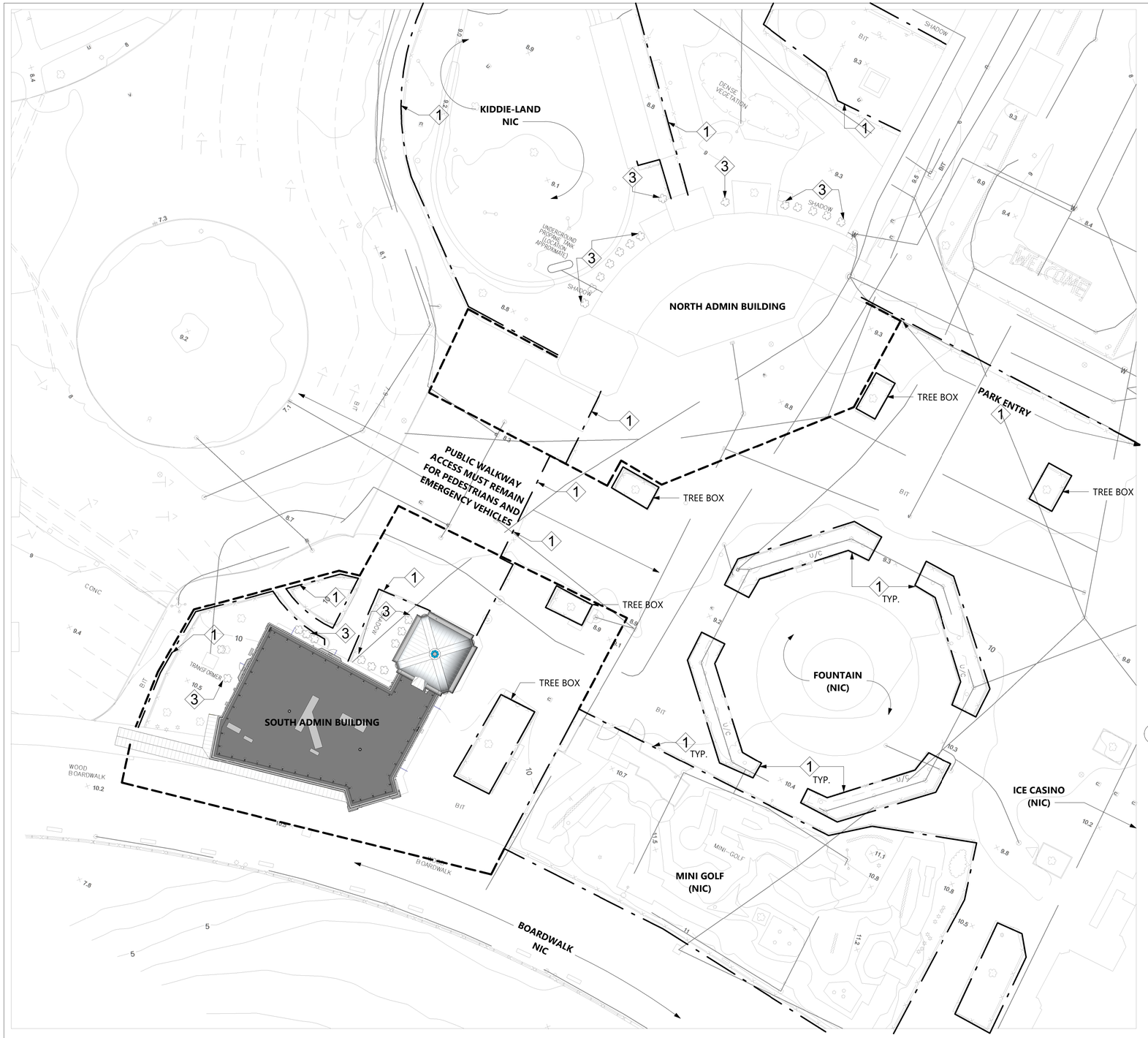
CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
BUILDING 3D VIEW

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-G-01
DWG NO.:	Page 13 of 387
SCALE:	
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-13
REV. NO.	0



1 CONSTRUCTION STAGING PLAN
1" = 20'-0"

SITE PLAN KEY NOTES

1. EXISTING FENCE TO REMAIN.
2. 8' CHAIN LINK CONSTRUCTION FENCE. PROVIDE GATES AS NEEDED. REQUIRED FOR CONSTRUCTION SEASON 1 ONLY.
3. SHRUBBERY TO BE REMOVED AS NEEDED FOR SITE OPERATIONS. REPLANT NEW SHRUBBERY WHEN JOB COMPLETE.
4. REMOVE IF NEEDED. RESTORE FOR PARK OPEN SEASON.

LEGEND

- EXISTING FENCE TO REMAIN
- NEW CHAIN LINK CONSTRUCTION FENCE
- REMOVE IF NEEDED BUT RESTORE WHEN PARK OPERATING

CONSTRUCTION SCHEDULE

CONSTRUCTION SEASON 1: NTP THROUGH APRIL, 2021

- FACILITY WILL BE OCCUPIED AND IN USE THROUGHOUT CONSTRUCTION. ENSURE SAFE ACCESS AND MAINTAIN EGRESS AT ALL TIMES.
- PROVIDE JOBSITE FENCING AND SIDEWALK BRIDGING AS REQUIRED FOR SAFETY OF BUILDING USERS AND THE GENERAL PUBLIC.

PARK OPEN SEASON: MID-MAY, 2021 THROUGH END OF SEPTEMBER, 2021

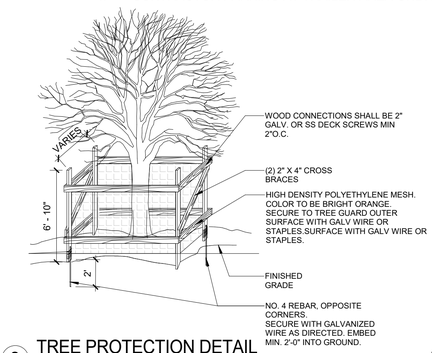
- WORK MAY PROCEED.
- SCHEDULE AND COMPLETE WORK AS REQUIRED TO GIVE THE PLAZA AND PAVING CONTRACTORS ACCESS TO THEIR JOBSITE BY END OF SEPTEMBER, 2021.

CONSTRUCTION SEASON 2: OCTOBER, 2021 THROUGH CONTRACT END DATE

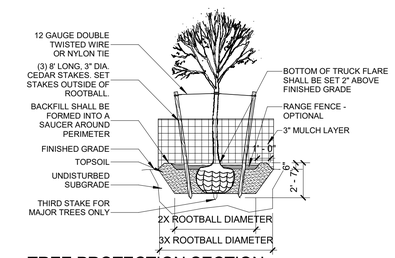
- COORDINATE AND COOPERATE WITH THE WORK OF OTHER CONTRACTORS AS REQUIRED TO ENSURE COMPLETION OF ALL WORK FOR PARK OPENING, 2022.
- ALL WORK TO BE COMPLETED BY CONTRACT END DATE.

CONSTRUCTION STAGING NOTES

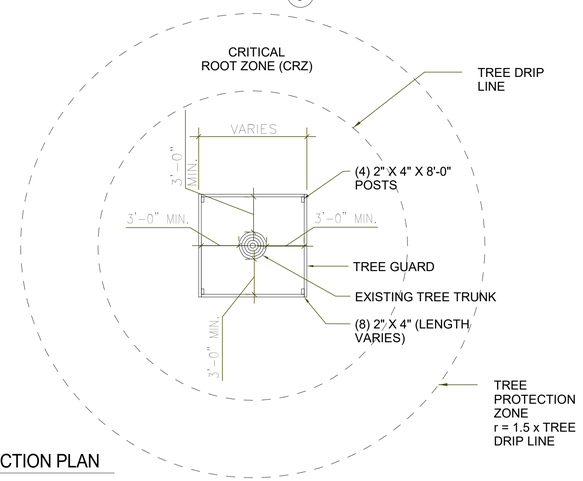
1. WATER AND ELECTRICAL SERVICE WILL BE PROVIDED BY PARK AT THE ADMIN BUILDING BUT NOT AT CONSTRUCTION TRAILERS.
2. CONTRACTOR TO PROVIDE ANY NEEDED TEMPORARY HEAT, INCLUDED IN THE BID.
3. CONTRACTOR TO PROVIDE RESTROOM FACILITIES FOR THEIR OPERATIONS.
4. CONTRACTOR PARKING AT TRAILER AREA ONLY. SEE DRAWING T-XXX



2 TREE PROTECTION DETAIL



3 TREE PROTECTION SECTION



4 TREE PROTECTION PLAN

10/15/2020 5:46:12 PM

CONSULTANT INFORMATION

The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
CONSTRUCTION STAGING PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-G-02
DWG NO.:	Page 14 of 387
SCALE:	As indicated
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-14
REV. NO.	0

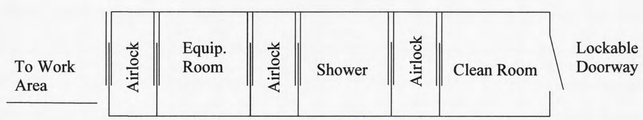
PLAYLAND REHABILITATION & UPGRADES

CROSS AXIS RESTROOMS ABATEMENT

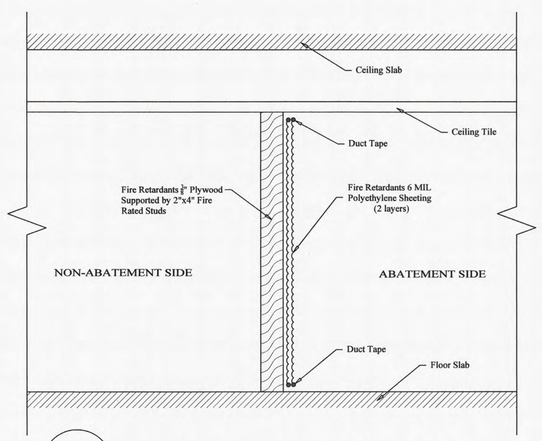
1 PLAYLAND PKWY, RYE, NY 10580

SCOPE OF WORK:

Structure	Location	Material	Approximate Quantity (SF/LF/Unit)	ICR 56 Procedure
Administration Building	Exterior	Assumed Roofing Materials	1,100.0 SF	56.11.6
	WA 1-41	Assumed Window Caulking (34 Windows @ 2 SF ea.)	76.0 SF	56.11.6
		Assumed Door Caulking (7 Door Openings)	20.0 SF	56.11.6



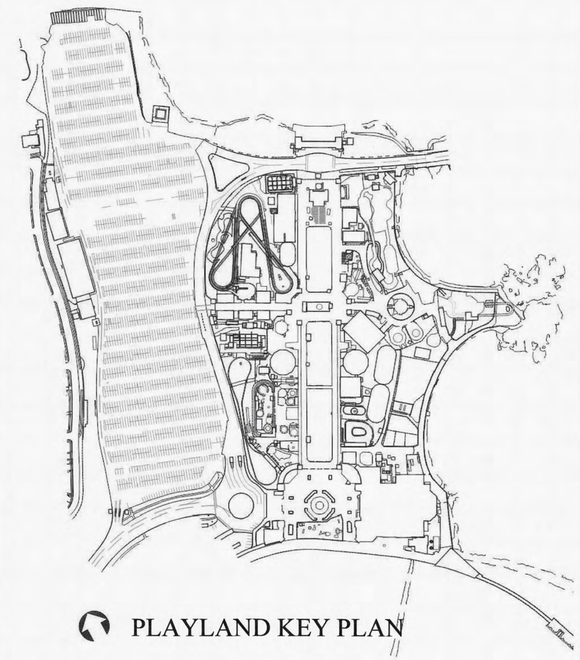
1 / AM-H-00 TYPICAL LARGE PROJECT WORKER/ WASTE DECONTAMINATION UNIT
Not To Scale



2 / AM-H-00 TYPICAL HARD WALL BARRIER AT OPENINGS MORE THAN 32SF
Not To Scale

PROJECT NOTES:

1. The Contractor shall be aware of all conditions of the Project and is responsible for verifying quantities and locations of all Work to be performed. Failure to do so shall not relieve the Contractor of its obligation to furnish all labor and materials necessary to perform the Work.
2. All Work shall be performed in strict accordance with the Project Documents and all governing codes, rules, and regulations. Where conflicts occur between the Project Documents and applicable codes, rules, and regulations, the more stringent shall apply.
3. All abatement work shall be coordinated with General Contractor work; Abatement may be phased with other contract work.
4. Working hours shall be as required and approved by the Owner. Asbestos abatement activities including, but not limited to, work area preparation, gross removal activities, cleaning activities, waste removal, etc. may need to be performed during 'off-hours' (including nights and weekends). In addition, multiple mobilizations may be required to perform the work identified in this project. The Contractor shall coordinate and schedule all Work with the facility and Owner's representative.
5. The Contractor shall prepare and coordinate with facility representative the posting of appropriate signage at the entranceway that redirects park occupants away from the area of the abatement.
6. The Contractor shall use barrier tape to extend the limits of the active, regulated work areas closed to the public and other non-abatement trades.
7. The Contractor shall be responsible for defining and coordinating the phases of the abatement with the facility and DPW, as well as securing any site specific variances, permits, and any necessary NYS DOL approvals.
8. The asbestos abatement Contractor shall coordinate locations of decontamination units, routes of egress, temporary water and power connections and waste container locations with the Owner and the Facility.
9. The Contractor may need to supply temporary power/water sources if they cannot be provided by facility.
10. The General Contractor shall supply any and all scaffolding for the work area(s) under this contract. Scaffolding structure and maintenance shall be in strict accordance with local, state and federal safety requirements.
11. The Contractor is to protect any and all exposed surfaces not targeted for abatement.
12. The Contractor shall request and receive in writing prior to preceding with any work info from the owner regarding surfaces/materials that require protection.
13. Regular waste generated by the abatement work of this contract shall be stored securely using a closed waste container.
14. Access may be restricted to only one egress/entry door at any given time.
15. All suspect/assumed ACM shall be tested by the owner prior to abatement.
16. Abatement of roof ACM shall be coordinated with the facility representative/GC for installation of replacement roofing or temporary roofing.



PLAYLAND KEY PLAN

LEGEND:

- WORK AREA LIMITS
- P/W R # — REMOTE LARGE PROJECT WORKER/ WASTE DECONTAMINATION UNIT
- P/W A # — ATTACHED LARGE PROJECT WORKER/ WASTE DECONTAMINATION UNIT

CONSULTANT INFORMATION
The LiRo Group
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(516) 938-5476 www.liro.com

CONSULTANT SEAL

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

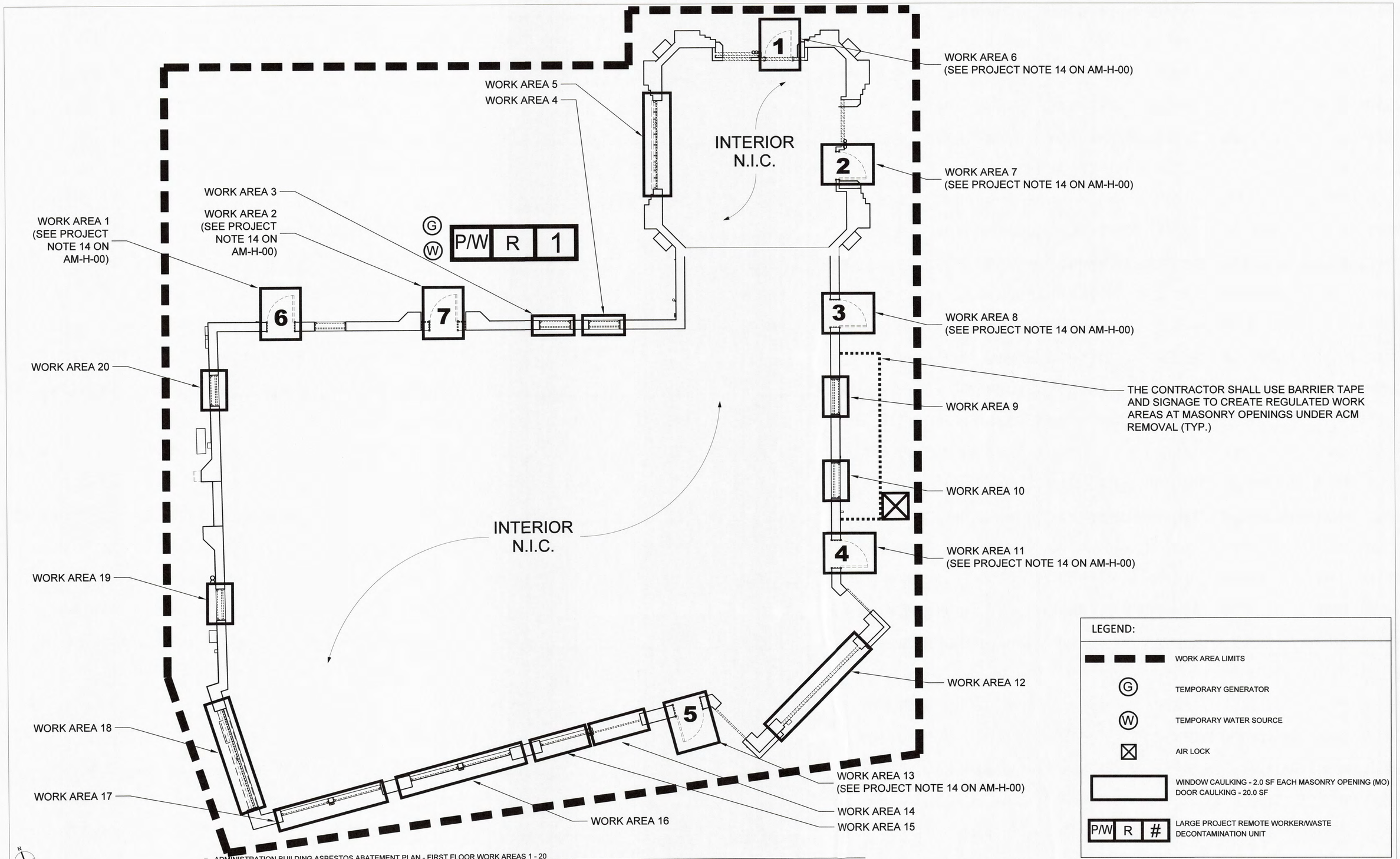
RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR: NAME / SIGNATURE / TITLE / DATE
PROJECT COORDINATOR: NAME / SIGNATURE / TITLE / DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
S.A. GROUND FLOOR ASBESTOS REMOVAL NOTES, SCOPE OF WORK TABLE AND DETAILS

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-H-00
DWG NO.:	Page 15 of 387
SCALE:	NTS
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-15
REV. NO.	0



1 ADMINISTRATION BUILDING ASBESTOS ABATEMENT PLAN - FIRST FLOOR WORK AREAS 1 - 20
NTS

4/27/2020 11:15:04 AM

CONSULTANT INFORMATION

The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL

STATE OF NEW YORK
PETER JOSEPH BERBASI
No. 070446
LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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AS BUILT – NO CHANGES

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TITLE DATE

PROJECT COORDINATOR
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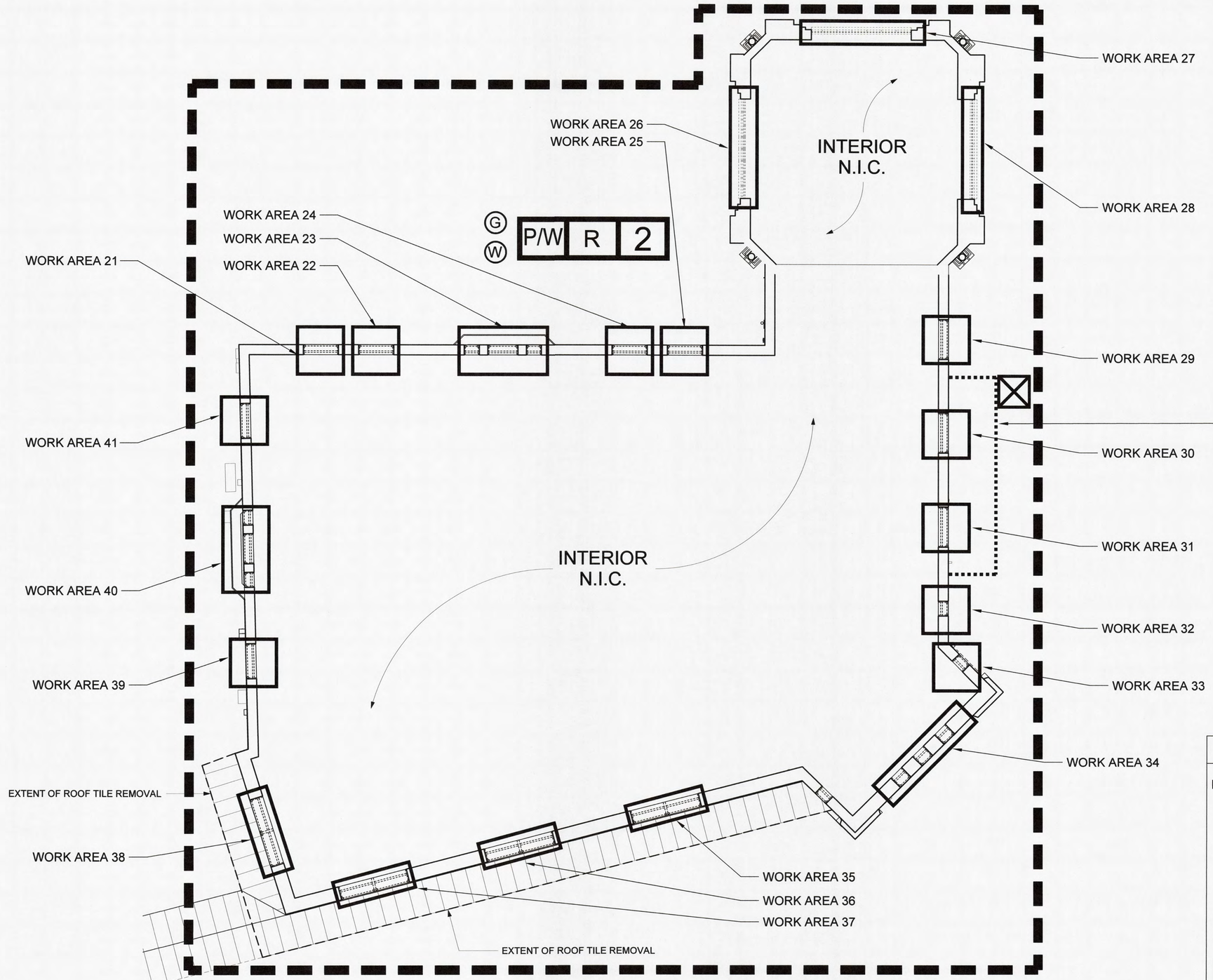
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
S.A. GROUND FLOOR ASBESTOS ABATEMENT PLAN
(WORK AREAS 1 - 20)

CONTRACT NUMBER: 20-501
SHEET NUMBER: AM-H-01
DWG NO.: Page 16 of 387
SCALE: NTS
DATE: 09/16/2020
DPW FILE NUMBER: 1-118-A-16
REV. NO.: 0



THE CONTRACTOR SHALL USE BARRIER TAPE AND SIGNAGE TO CREATE REGULATED WORK AREAS AT MASONRY OPENINGS UNDER ACM REMOVAL (TYP.)

LEGEND:

- WORK AREA LIMITS
- G — TEMPORARY GENERATOR
- W — TEMPORARY WATER SOURCE
- AIR LOCK
- WINDOW CAULKING - 2.0 SF EACH MASONRY OPENING (MO)
- P/W R # — LARGE PROJECT REMOTE WORKER/WASTE DECONTAMINATION UNIT

1 ADMINISTRATION BUILDING 2ND FLOOR ASBESTOS ABATEMENT PLAN - WORK AREAS 21 - 41
NTS

4/27/2020 11:15:28 AM

CONSULTANT INFORMATION
The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL
STATE OF NEW YORK · JOSEPH P. ROSSI · No. 070446 · PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
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CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
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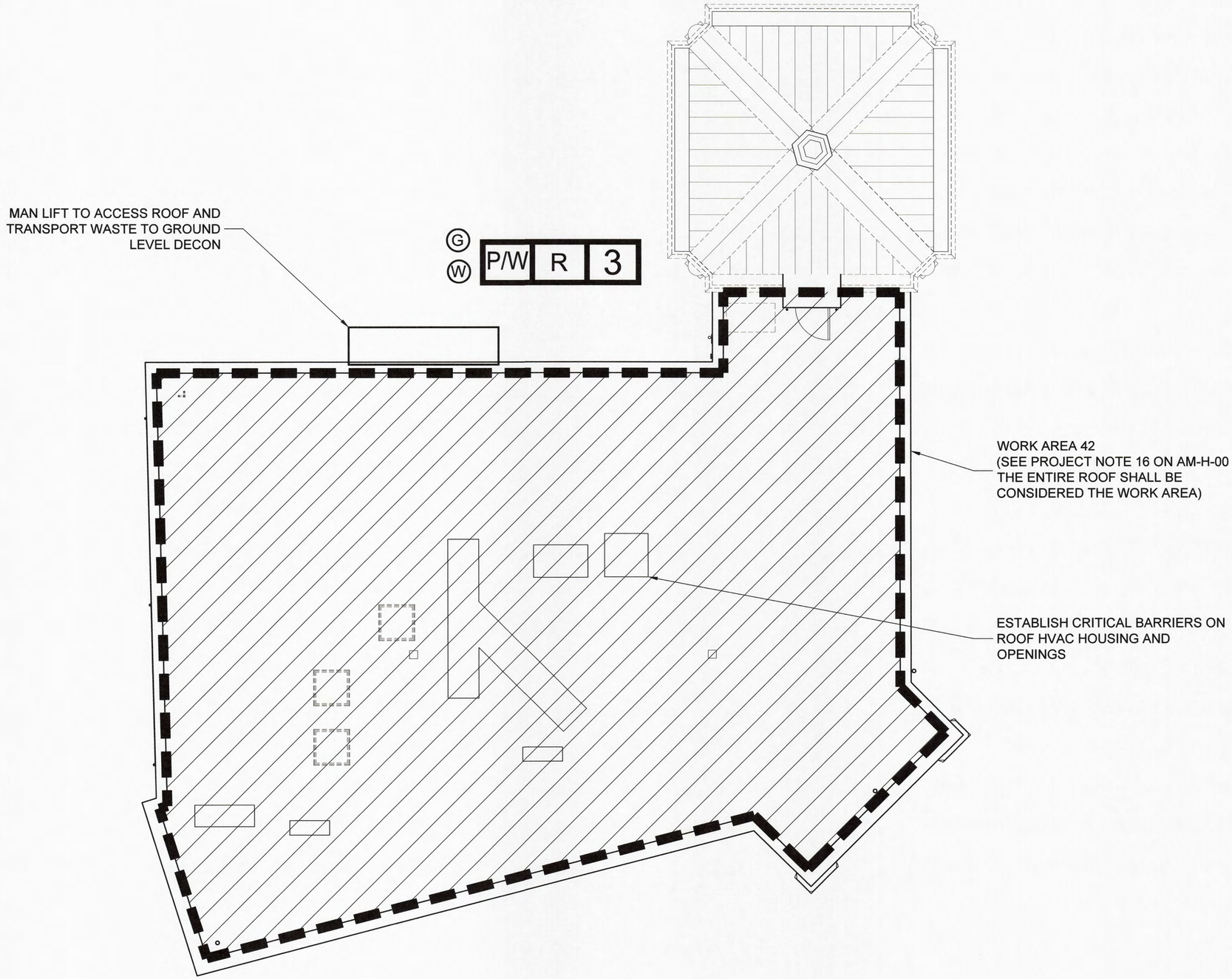
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
S.A. 2ND FLOOR ASBESTOS ABATEMENT PLAN
WORK AREAS 21 - 41

CONTRACT NUMBER **20-501**
SHEET NUMBER **AM-H-02**
DWG NO.: Page 17 of 387
SCALE: **NTS**
DATE: **09/16/2020**
DPW FILE NUMBER 1-118-A-17
REV. NO. 0



1 ADMINISTRATION BUILDING ROOF ASBESTOS ABATEMENT PLAN - WORK AREA 42
NOT TO SCALE

LEGEND:

▬ ▬ ▬	WORK AREA LIMITS
Ⓖ	TEMPORARY GENERATOR
Ⓦ	TEMPORARY WATER SOURCE
▭	ROOF MATERIALS - 1,100.0 SF
P/W R #	LARGE PROJECT REMOTE WORKER/WASTE DECONTAMINATION UNIT

4/27/2020 11:15:47 AM

CONSULTANT INFORMATION

The LiRo Group

3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL

STATE OF NEW YORK · LICENSED PROFESSIONAL ENGINEER · No. 070449

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
S.A. ROOF ASBESTOS ABATEMENT PLAN
(WORK AREA 42)

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-H-03
DWG NO.	Page 18 of 387
SCALE:	NTS
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-18
REV. NO.	0

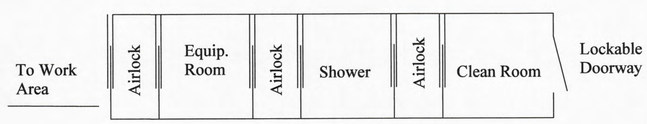
PLAYLAND REHABILITATION & UPGRADES
SOUTH ADMINISTRATION BUILDING LEAD BASED PAINT ABATEMENT
1 PLAYLAND PKWY, RYE, NY 10580

SCOPE OF WORK:

Structure	Substrate	Description	Approximate Quantity (SF/LF/Unit)	Procedure
Administration Building	Plaster	Interior Painted Surfaces around Windows (Beige)	302 SF	Manual Wet Scrape / Chemical Strip
	Wood	Exterior Wood Window Frame (Green)	152 SF	

LEGEND:

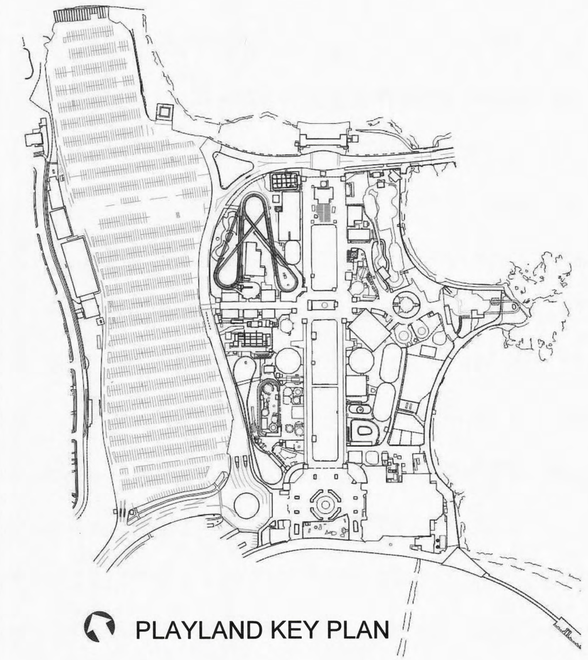
- WORK AREA LIMITS
- HAZARDOUS WASTE STORAGE AREA
- P/W R # — REMOTE WORKER/WASTE DECONTAMINATION UNIT



1 / AM-H-04 DECONTAMINATION UNIT (MAY BE SUBSTITUTED FOR HAND WASH STATION)
Not To Scale

PROJECT NOTES:

1. All layers of coating shall be considered as LBP and removed down to the substrates. Substrates coated with LBP and targeted for demolition or replacement may be removed and disposed of as solid structure waste following TCLP testing.
2. Substrates coated with LBP and targeted for refurbish and recoating shall be abated using manual wet scraping or chemical stripping procedures, localized testing of chemical strapping products shall proceed broader use and only after approval by the DPW Environmental Consultant.
3. The abatement contractor shall separate paint chips and contaminated dust/particulate generated by the abatement from other project waste streams including worker personal protective equipment and plastic sheeting. All waste other than lead paint chips and contaminated dust/particulate shall be TCLP tested prior to disposal.
4. Waste generated by the work of this method shall be stored on site in a NYSDEC compliant Hazardous and Waste Storage Area and transported under manifest to the disposal site.
5. The contractor shall prepare a project specific work plan and project specific HASP for the work of this contract.
6. LBP remediation shall be consistent with guidelines from SSPC and work shall comply with the OSHA regulations including using of decontamination units and hand wash stations.
7. The contractor may propose alternate LBP removal procedures however, use of alternate procedures will require approval by DPW Environmental Consultant; the abatement contractor is responsible with maintaining the physical conditions and integrity of the targeted substrates, and the surrounding structures during abatement work.
8. The Contractor shall request and receive in writing prior to preceding with any work info from the owner regarding surfaces/materials that require protection.



PLAYLAND KEY PLAN

4/27/2020 11:15:04 AM

CONSULTANT INFORMATION
The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL
STATE OF NEW YORK · JOSEPH GERBASI · No. 070446 · LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

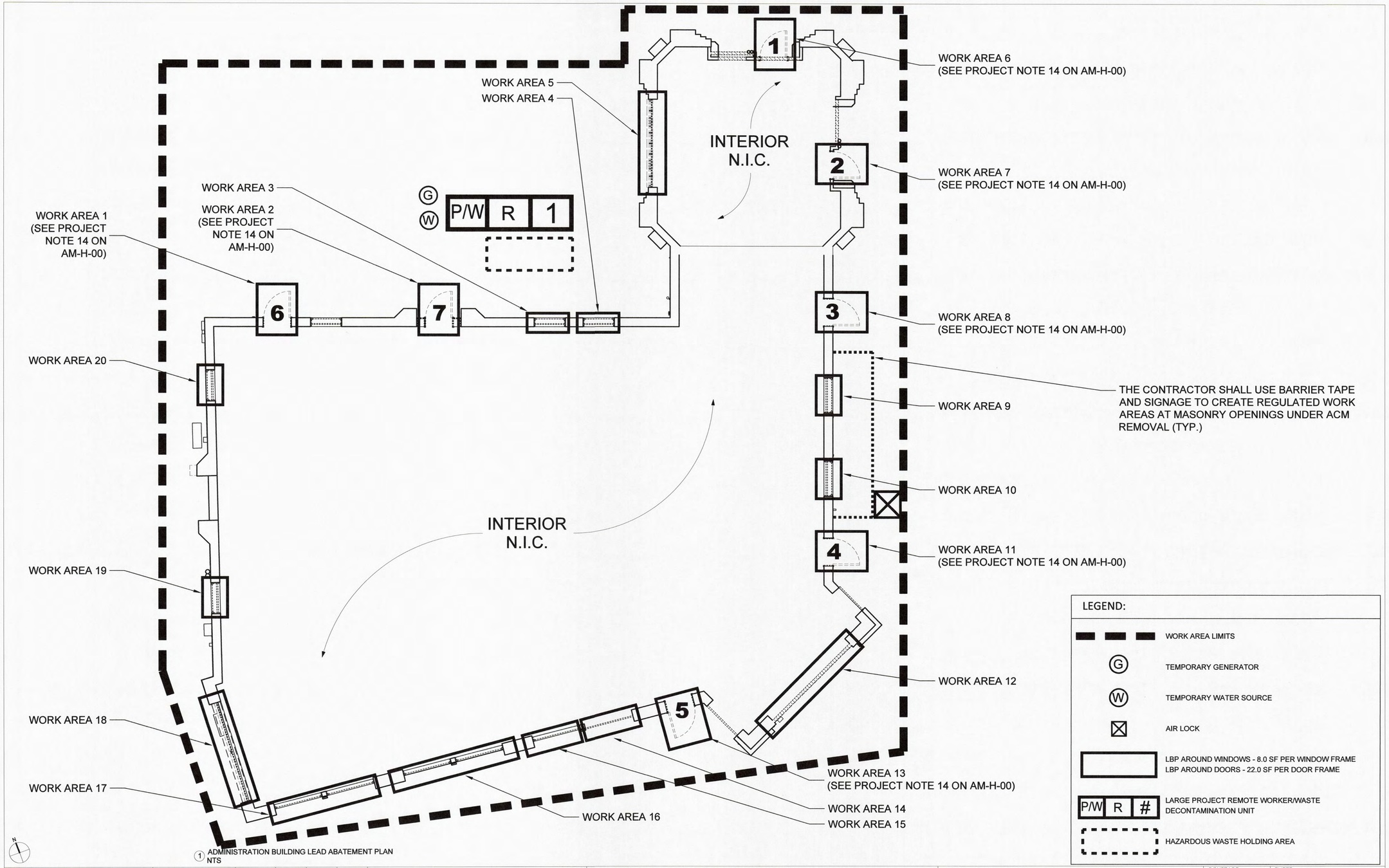
CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
S.A. GROUND FLOOR LEAD BASED PAINT REMOVAL NOTES, SCOPE OF WORK TABLE AND DETAILS

CONTRACT NUMBER 20-501
SHEET NUMBER AM-H-04
DWG NO.: Page 19 of 387
SCALE: NTS
DATE: 09/16/2020
DPW FILE NUMBER 1-118-A-19
REV. NO. 0



1 ADMINISTRATION BUILDING LEAD ABATEMENT PLAN
NTS

4/27/2020 11:15:04 AM

CONSULTANT INFORMATION

The LiRo Group
3 Aerial Way, Syosset, New York 11791
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CONSULTANT SEAL

STATE OF NEW YORK
JOSEPH JEFFREY BERGAS
NO. 070446
PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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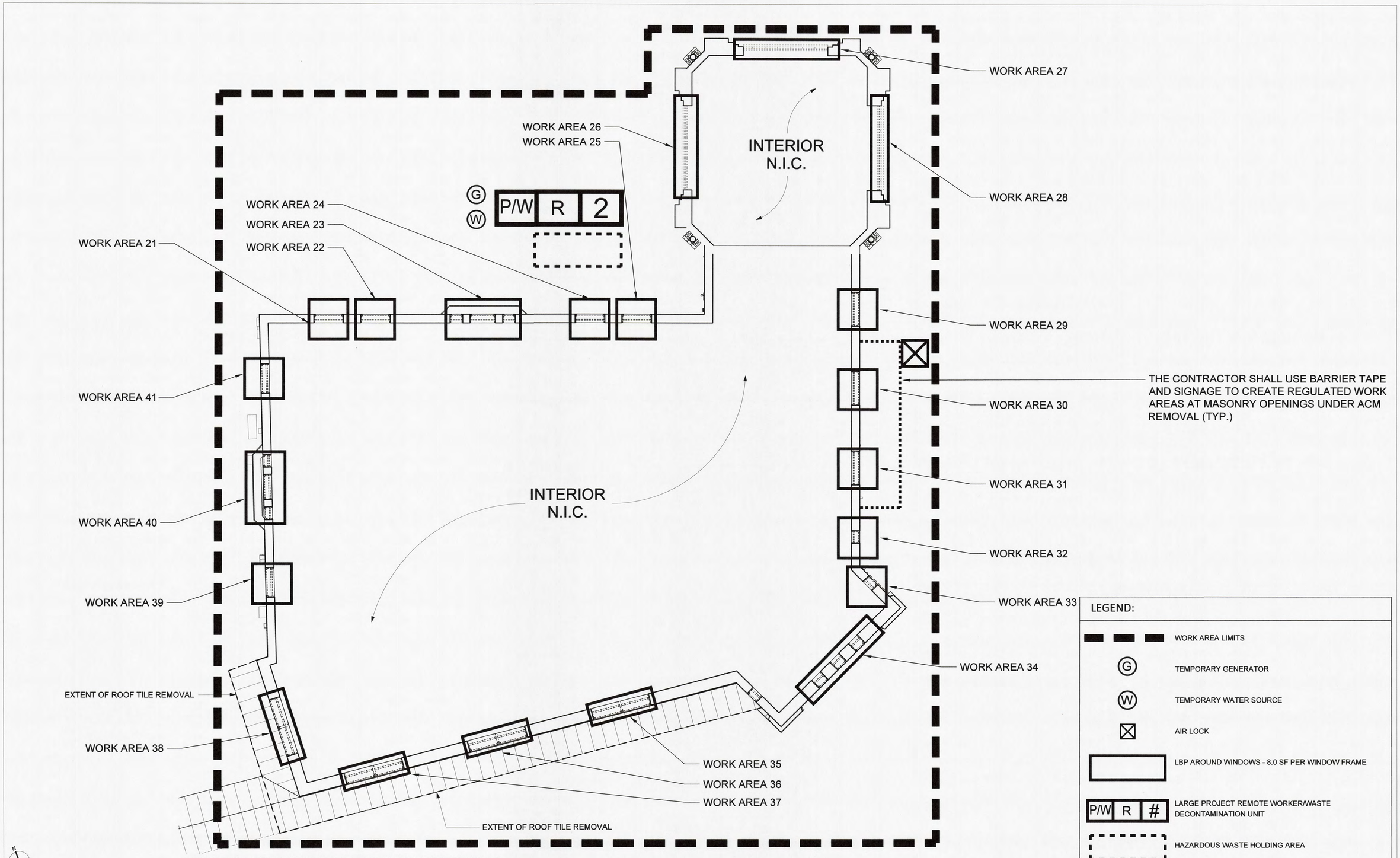
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
S.A. GROUND FLOOR LEAD ABATEMENT PLAN
(WORK AREAS 1 - 20)

CONTRACT NUMBER	**20-501**
SHEET NUMBER	**AM-H-05**
DWG NO.	Page 20 of 387
SCALE:	**NTS**
DATE:	**09/16/2020**
DPW FILE NUMBER	1-118-A-20
REV. NO.	0



1 ADMINISTRATION BUILDING 2ND FLOOR LEAD ABATEMENT PLAN - WORK AREAS 21 - 41
NTS

4/27/2020 11:15:28 AM

CONSULTANT INFORMATION

The LiRo Group
3 Aerial Way, Syosset, New York 11791
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CONSULTANT SEAL

STATE OF NEW YORK JOSEPH M. SCIASCI No. 070446 PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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TITLE DATE

PROJECT COORDINATOR
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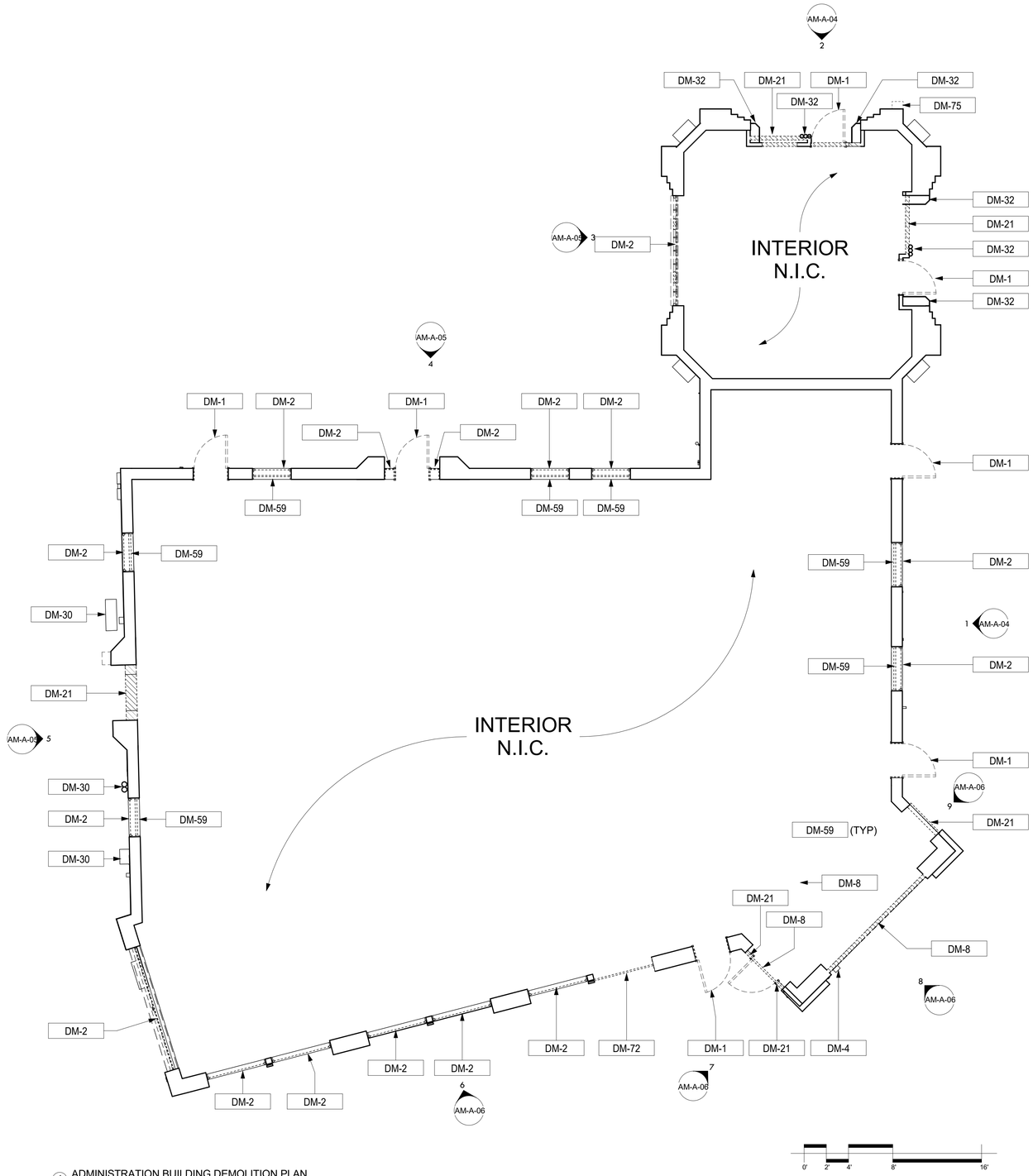
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
2ND FLOOR LEAD ABATEMENT PLAN
(WORK AREAS 21 - 41)

CONTRACT NUMBER	20-501
SHEET NUMBER	**AM-H-06**
DWG NO.:	Page 21 of 387
SCALE:	**NTS**
DATE:	**09/16/2020**
DPW FILE NUMBER	1-118-A-21
REV. NO.	0



1 ADMINISTRATION BUILDING DEMOLITION PLAN
3/16" = 1'-0"

GENERAL DEMOLITION NOTES

1. ALL DEMOLITION AND REMOVAL WORK SHALL BE COMPLETED AS INDICATED AND NOTED ON THE DRAWINGS AND AS SPECIFIED.

2. PRIOR TO STARTING WORK, MAKE A THOROUGH EXAMINATION OF THE PORTIONS OF THE STRUCTURE IN WHICH THE WORK IS TO BE PERFORMED. CHECK ALL THE WORK AT ADJOINING OR UNDERLYING LOCATIONS. REPORT TO THE ARCHITECT ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE PREVENT THE PROPER EXECUTION AND COMPLETION OF THE WORK. DO NOT START WORK UNTIL SUCH CONDITIONS HAS BEEN EXAMINED AND MUTUALLY AGREED UPON WITH THE ARCHITECT.

3. DASHED LINES INDICATE WALLS, FIXTURES, EQUIPMENT, ETC. TO BE REMOVED AND DISPOSED OF BY G.C. . ANY QUESTIONS ON SCOPE OF DEMOLITION MUST BE DIRECTED TO THE ARCHITECT PRIOR TO BID

4. THE EXISTING WORK REQUIRED TO BE REMOVED SHALL BE AS INDICATED BUT SHALL ALSO EXTEND TO INCLUDE ANY AND ALL OTHER EXISTING MATERIALS OR WORK NECESSARY TO INSTALL THE NEW WORK AS SHOWN AND SPECIFIED AND TO CONNECT SAME WITH THE EXISTING WORK IN AN APPROVED MANNER.

5. ALTER AND RESTORE EXISTING WALLS, PARTITIONS, COLUMNS, CEILING AND FLOORS, AND THEIR RESPECTIVE FINISHED SURFACES TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.

6. IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVES OF ANY HAZDAROUS MATERIALS ENCOUNTERED DURING DEMOLITION/REMOVAL.

7. ALL DIMENSIONS AND CONSTRUCTION CONDITIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF WORK.

8. CONTAINERIZED DEMOLITION DEBRIS SHALL BE TCLP TESTED TO CONFIRM WASTE MAY BE DISPOSED OF AS NON-HAZARDOUS.

DEMOLITION LEGEND

– – – – –	INDICATES DEMOLITION
?	KEYNOTES
	AREA OF ROOF DEMO. SEE ASSOCIATED NOTE FOR DETAILS.

KEYNOTE LEGEND

Key Value	Keynote Text
DM-1	REMOVE ALL EXISTING EXTERIOR DOORS AND CAULKING. EXISTING FRAME TO REMAIN; REPAIR AND PREPARE TO RECEIVE NEW DOOR. (TYP.)
DM-2	REMOVE EXISTING WINDOW AND CAULKING. PREPARE TO RECEIVE NEW WINDOW. (TYP.)CAREFULLY REMOVE EXISTING WINDOW TRIM AND RETAIN FOR REPLICATION.
DM-4	COORDINATE EQUIPMENT REMOVAL AND RELOCATION WITH SERVICE COMPANY.
DM-8	REMOVE EXISTING DOOR AND WINDOWS AND LOW WALL, RESTORE OPENING TO ORIGINAL SIZE.
DM-10	EXISTING ROOFING TO BE REMOVED.
DM-11	REMOVE EXISTING COPING AND FLASHING (TYP.)
DM-12	REMOVE ALL NON-FUNCTIONAL ANTENNAS AND ALL ASSOCIATED MOUNTING BRACKETS AND WIRES. COORDINATE WITH ARCHITECT AND OWNER.
DM-13	REMOVE ALL EXISTING LIGHTING FIXTURES AND ALL ASSOCIATED WIRING AND MOUNTING EQUIPMENT (TYP.)
DM-20	REMOVE EXISTING FLASHING ALONG EXISTING ROOF AND WALL JOINT.
DM-21	EXISTING WALL TO BE REMOVED.
DM-25	EXISTING URN TO BE REMOVED CAREFULLY FOR RESTORATION OR FOR USE AS A MODEL FOR REPLICATION WHICH EVER APPLIES; WHEN RESTORING CLEAN/POLISH COPPER COMPONENT. APPLY PROTECTIVE COATING TO MATCH EXISTING ADJACET BUILDING. INSPECT ELECTRICAL SYSTEM TO MEET CODE, COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH. EXISTING STUCCO FINISH TO BE SCRAPED AND PREPARED TO RECEIVE NEW STUCCO.
DM-28	EXISTING SIGNAGE TO BE CAREFULLY REMOVED AND STORED IN A SAFE PLACE FOR REINSTALLATION UPON PROJECT COMPLETION.
DM-30	SEE ELECTRICAL DRAWINGS.
DM-31	REMOVE EXISTING LOUVERS. EXISTING MECHANICAL UNIT TO REMAIN.
DM-32	SCRAPE EXISTING WOOD COLUMNS, TRIM, PANELS AND CASEWORK TO BARE WOOD TO BE PREPARED FOR NEW FINISH. REPLACE ALL ROTTED WOOD.(TYP)
DM-33	MECHANICAL EQUIPMENT TO BE REMOVED. REPAIR ROOF SUBSTRATE AS REQUIRED FOR NEW ROOFING SYSTEM. SEE ELECTRICAL DRAWINGS.
DM-34	EXISTING WOOD CANOPY FRAMING AND BRACKETS TO BE REPAIRED, SCRAPED AND PREPARED FOR NEW PAINTED FINISH.
DM-35	EXISTING CLAY ROOFING TILES & FLASHING TO BE REMOVED. REPLACE ROTTED WOOD/SUBSTRATE AS REQUIRED. SCRAPE EXISTING MATERIAL TO BARE WOOD AND PREPARE FOR NEW PAINT.
DM-38	REMOVE EXISTING SIGN BOARD
DM-47	SKYLIGHT TO BE REMOVED.
DM-48	REMOVE EXISTING COPPER ROOFING INCLUDING GUTTERS AND FLASHING.
DM-49	EXISTING ROOFTOP MECHANICAL UNITS TO REMAIN. COORDINATE WITH NEW ROOF INSTALLATION.
DM-52	EXISTING ROOF DRAIN ASSEMBLY TO BE REMOVED.
DM-59	INTERIOR WINDOWS TO BE REMOVED.
DM-60	CAREFULLY REMOVE EXISTING GLASS FINIAL FOR RESTORATION.
DM-62	REMOVE ALL EXISTING COPING
DM-66	EXISTING FINIAL TO BE REMOVED CAREFULLY FOR RESTORATION OR FOR USE AS A MODEL FOR REPLICATION WHICH EVER APPLIES. WHEN RESTORING CLEAN/POLISH COPPER COMPONENT. APPLY PROTECTIVE COATING TO MATCH EXISTING ADJACET BUILDING. INSPECT ELECTRICAL SYSTEM TO MEET CODE, COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH.
DM-67	EXISTING CHIMNEY TO BE DEMOLISHED AND REBUILT. SEE STRUCTURAL DRAWINGS FOR DETAILS AND EXTENT OF REMOVAL
DM-68	REMOVE AND REPLACE TIMBER ROOF DECKING AND TIMBER ROOF JOISTS IN KIND (TYP.) SEE STRUCTURAL DRAWINGS
DM-69	DEMOLISH AND REPLACE EXISTING LINTEL. SEE STRUCTURAL DRAWINGS
DM-70	REMOVE EXISTING EXTERIOR DOOR AND CAULKING. EXISTING WOOD FRAME AND COPPER DOOR SILL TO BE REPLACED IN KIND.
DM-71	EXISTING VENT PIPE TO REMAIN.(TYP.)
DM-72	REMOVE EXISTING DOOR AND PREPARE TO INFILL OPENING FOR NEW CONCRETE MASONRY UNITS, TRIM, AND WINDOW.
DM-73	CONTRACTOR TO CAREFULLY SUPPORT THE EXISTING LIGHTING AND CONNECTED WIRING, WHILE ROTTED WOOD ELEMENTS ARE REPLACED AND SURFACES ARE PROPERLY PAINTED.
DM-74	REMOVE EXISTING BUILT-IN GUTTER, PIPES, AND COPING. PREPARE FOR NEW BUILT-IN GUTTER AND COPING.
DM-75	REMOVE UNUSED GATE POST AND REPAIR/ PAINT THE STUCCO BEHIND.
DM-76	CAREFULLY REMOVE THE STONE BASE AND RETAIN FOR REPLICATION.
DM-77	REMOVE WOOD TRIM PANELS AND PREPARE TO MATCH THE WOOD TRIM PANELS OF NORTH ADMIN IN KIND.
DM-78	REMOVE EXISTING COPPER DOOR SILL PAN. PREPARE FOR NEW DOOR SILL PAN.

10/15/2020 5:45:52 PM

CONSULTANT INFORMATION
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(516) 938-5476 www.liro.com

CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

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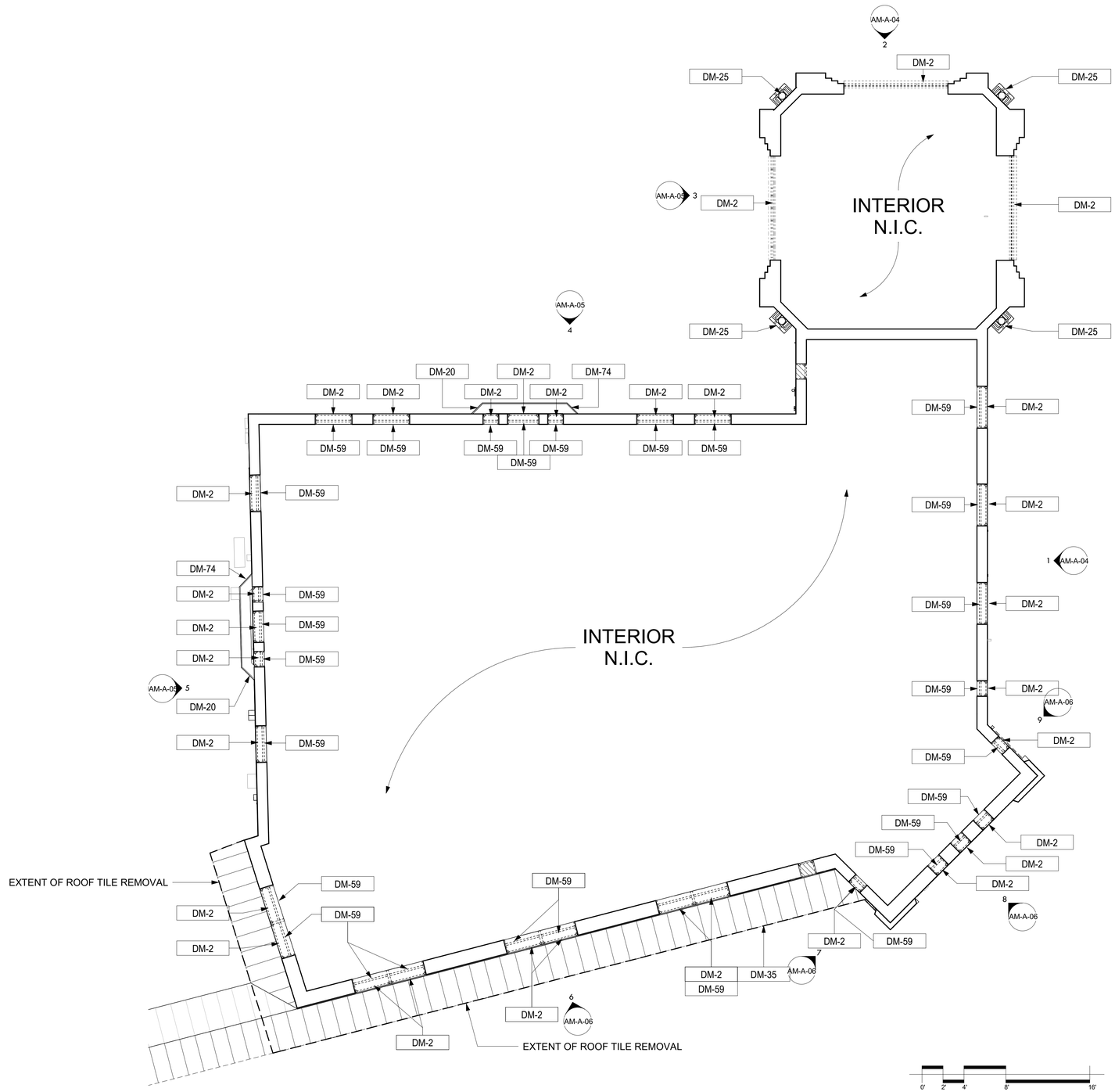
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
GROUND FLOOR DEMOLITION PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-A-01
DWG NO.:	Page 22 of 387
SCALE:	3/16" = 1'-0"
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-22
REV. NO.	0



1 ADMINISTRATION BUILDING 2ND FLOOR DEMOLITION PLAN
3/16" = 1'-0"

GENERAL DEMOLITION NOTES

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DEMOLITION LEGEND

– — — — – INDICATES DEMOLITION

? KEYNOTES

AREA OF ROOF DEMO. SEE ASSOCIATED NOTE FOR DETAILS.

KEYNOTE LEGEND

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10/15/2020 5:45:52 PM

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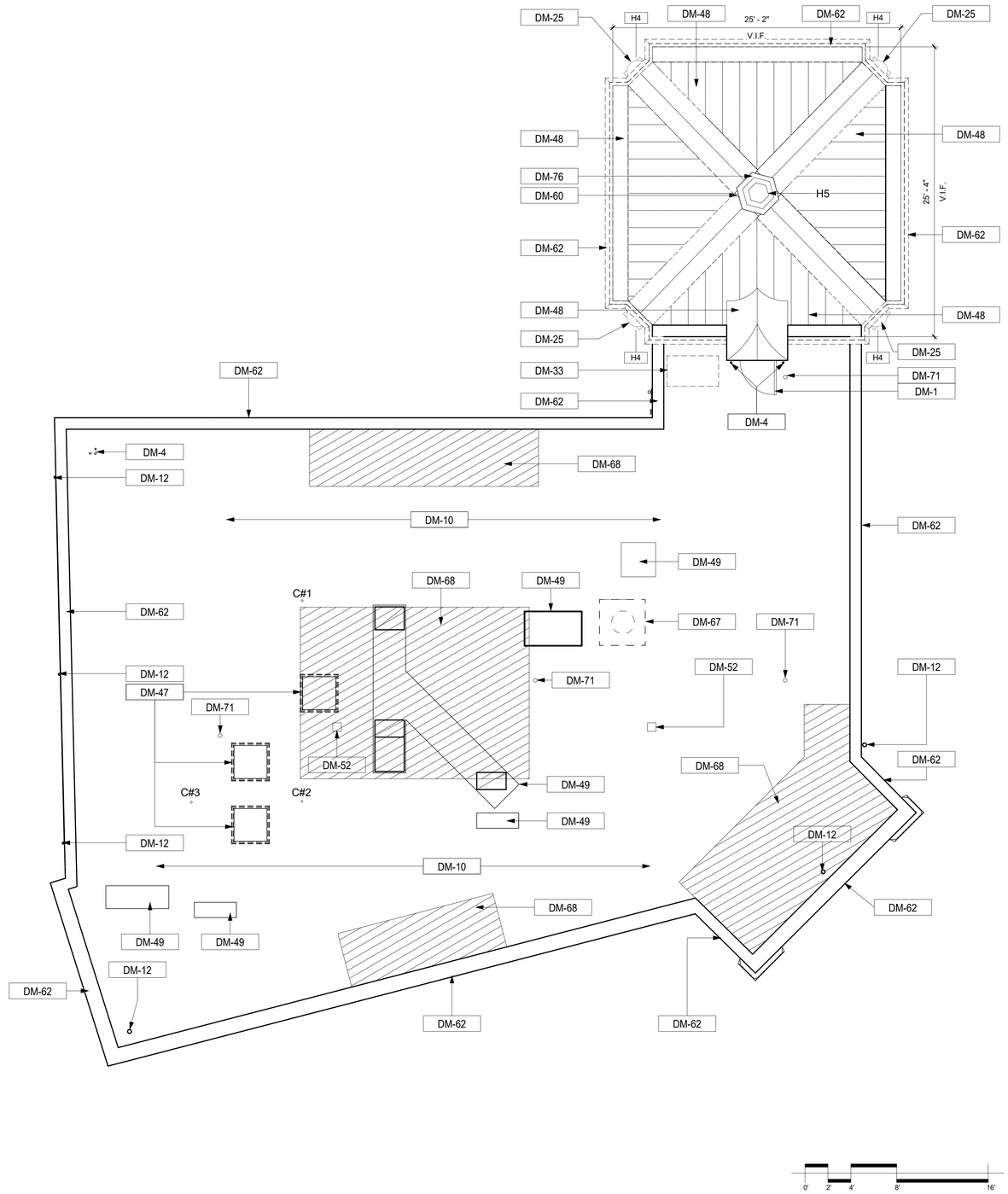
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
2ND FLOOR DEMOLITION PLAN

CONTRACT NUMBER	SHEET NUMBER
20-501	AM-A-02

DWG NO.: Page 23 of 387
SCALE: 3/16" = 1'-0"
DATE: 09/16/2020
DPW FILE NUMBER 1-118-A-23 REV. NO. 0



0' 2' 4' 8' 16'

1 SOUTH ADMIN ROOF
3/16" = 1'-0"

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(3) CORES- C#1, C#2, C#3 SAME RESULTS= WOOD DECK
COAL TAR PITCH BUILT UP ROOF (3/4" - 1")
SPRAYED PUF (1"- 1 1/4")
} +/- 2" THICKNESS

DEMOLITION LEGEND

– – – – – INDICATES DEMOLITION

? KEYNOTES

AREA OF ROOF DEMO. SEE ASSOCIATED NOTE FOR DETAILS.

KEYNOTE LEGEND

Key Value	Keynote Text
DM-1	REMOVE ALL EXISTING EXTERIOR DOORS AND CAULKING. EXISTING FRAME TO REMAIN, REPAIR AND PREPARE TO RECEIVE NEW DOOR. (TYP.)
DM-2	REMOVE EXISTING WINDOW AND CAULKING. PREPARE TO RECEIVE NEW WINDOW. (TYP.)CAREFULLY REMOVE EXISTING WINDOW TRIM AND RETAIN FOR REPLICATION.
DM-4	COORDINATE EQUIPMENT REMOVAL AND RELOCATION WITH SERVICE COMPANY.
DM-8	REMOVE EXISTING DOOR AND WINDOWS AND LOW WALL. RESTORE OPENING TO ORIGINAL SIZE.
DM-10	EXISTING ROOFING TO BE REMOVED.
DM-11	REMOVE EXISTING COPING AND FLASHING (TYP.)
DM-12	REMOVE ALL NON-FUNCTIONAL ANTENNAS AND ALL ASSOCIATED MOUNTING BRACKETS AND WIRES. COORDINATE WITH ARCHITECT AND OWNER.
DM-13	REMOVE ALL EXISTING LIGHTING FIXTURES AND ALL ASSOCIATED WIRING AND MOUNTING EQUIPMENT (TYP.)
DM-20	REMOVE EXISTING FLASHING ALONG EXISTING ROOF AND WALL JOINT.
DM-21	EXISTING WALL TO BE REMOVED.
DM-25	EXISTING URN TO BE REMOVED CAREFULLY FOR RESTORATION OR FOR USE AS A MODEL FOR REPLICATION WHICH EVER APPLIES; WHEN RESTORING CLEAN/POLISH COPPER COMPONENT. APPLY PROTECTIVE COATING TO MATCH EXISTING ADJACET BUILDING. INSPECT ELECTRICAL SYSTEM TO MEET CODE, COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH. EXISTING STUCCO FINISH TO BE SCRAPED AND PREPARED TO RECEIVE NEW STUCCO.
DM-28	EXISTING SIGNAGE TO BE CAREFULLY REMOVED AND STORED IN A SAFE PLACE FOR REINSTALLATION UPON PROJECT COMPLETION.
DM-30	SEE ELECTRICAL DRAWINGS.
DM-31	REMOVE EXISTING LOUVERS. EXISTING MECHANICAL UNIT TO REMAIN.
DM-32	SCRAPE EXISTING WOOD COLUMNS, TRIM, PANELS AND CASEWORK TO BARE WOOD TO BE PREPARED FOR NEW FINISH. REPLACE ALL ROTTED WOOD.(TYP)
DM-33	MECHANICAL EQUIPMENT TO BE REMOVED. REPAIR ROOF SUBSTRATE AS REQUIRED FOR NEW ROOFING SYSTEM. SEE ELECTRICAL DRAWINGS.
DM-34	EXISTING WOOD CANOPY FRAMING AND BRACKETS TO BE REPAIRED, SCRAPED AND PREPARED FOR NEW PAINTED FINISH.
DM-35	EXISTING CLAY ROOFING TILES & FLASHING TO BE REMOVED. REPLACE ROTTED WOOD/SUBSTRATE AS REQUIRED. SCRAPE EXISTING MATERIAL TO BARE WOOD AND PREPARE FOR NEW PAINT.
DM-38	REMOVE EXISTING SIGN BOARD
DM-47	SKYLIGHT TO BE REMOVED.
DM-48	REMOVE EXISTING COPPER ROOFING INCLUDING GUTTERS AND FLASHING.
DM-49	EXISTING ROOFTOP MECHANICAL UNITS TO REMAIN. COORDINATE WITH NEW ROOF INSTALLATION.
DM-52	EXISTING ROOF DRAIN ASSEMBLY TO BE REMOVED.
DM-59	INTERIOR WINDOWS TO BE REMOVED.
DM-60	CAREFULLY REMOVE EXISTING GLASS FINIAL FOR RESTORATION.
DM-62	REMOVE ALL EXISTING COPING
DM-66	EXISTING FINIAL TO BE REMOVED CAREFULLY FOR RESTORATION OR FOR USE AS A MODEL FOR REPLICATION WHICH EVER APPLIES. WHEN RESTORING CLEAN/POLISH COPPER COMPONENT. APPLY PROTECTIVE COATING TO MATCH EXISTING ADJACET BUILDING. INSPECT ELECTRICAL SYSTEM TO MEET CODE, COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH.
DM-67	EXISTING CHIMNEY TO BE DEMOLISHED AND REBUILT. SEE STRUCTURAL DRAWINGS FOR DETAILS AND EXTENT OF REMOVAL
DM-68	REMOVE AND REPLACE TIMBER ROOF DECKING AND TIMBER ROOF JOISTS IN KIND (TYP.) SEE STRUCTURAL DRAWINGS
DM-69	DEMOLISH AND REPLACE EXISTING LINTEL. SEE STRUCTURAL DRAWINGS
DM-70	REMOVE EXISTING EXTERIOR DOOR AND CAULKING. EXISTING WOOD FRAME AND COPPER DOOR SILL TO BE REPLACED IN KIND.
DM-71	EXISTING VENT PIPE TO REMAIN.(TYP.)
DM-72	REMOVE EXISTING DOOR AND PREPARE TO INFILL OPENING FOR NEW CONCRETE MASONRY UNITS, TRIM, AND WINDOW.
DM-73	CONTRACTOR TO CAREFULLY SUPPORT THE EXISTING LIGHTING AND CONNECTED WIRING, WHILE ROTTED WOOD ELEMENTS ARE REPLACED AND SURFACES ARE PROPERLY PAINTED.
DM-74	REMOVE EXISTING BUILT-IN GUTTER, PIPES, AND COPING. PREPARE FOR NEW BUILT-IN GUTTER AND COPING.
DM-75	REMOVE UNUSED GATE POST AND REPAIR/ PAINT THE STUCCO BEHIND.
DM-76	CAREFULLY REMOVE THE STONE BASE AND RETAIN FOR REPLICATION.
DM-77	REMOVE WOOD TRIM PANELS AND PREPARE TO MATCH THE WOOD TRIM PANELS OF NORTH ADMIN IN KIND.
DM-78	REMOVE EXISTING COPPER DOOR SILL PAN. PREPARE FOR NEW DOOR SILL PAN.

10/15/2020 5:45:52 PM

CONSULTANT INFORMATION
The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

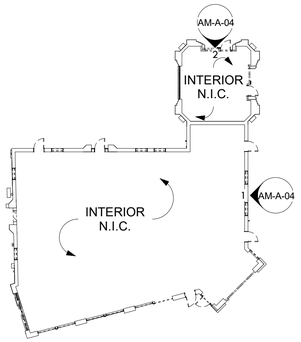
PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
ROOF DEMOLITION PLAN

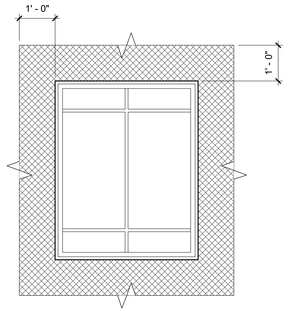
CONTRACT NUMBER	SHEET NUMBER
20-501	AM-A-03

DWG NO.: Page 24 of 387
SCALE: 3/16" = 1'-0"
DATE: 09/16/2020
DPW FILE NUMBER 1-118-A-24 REV. NO. 0

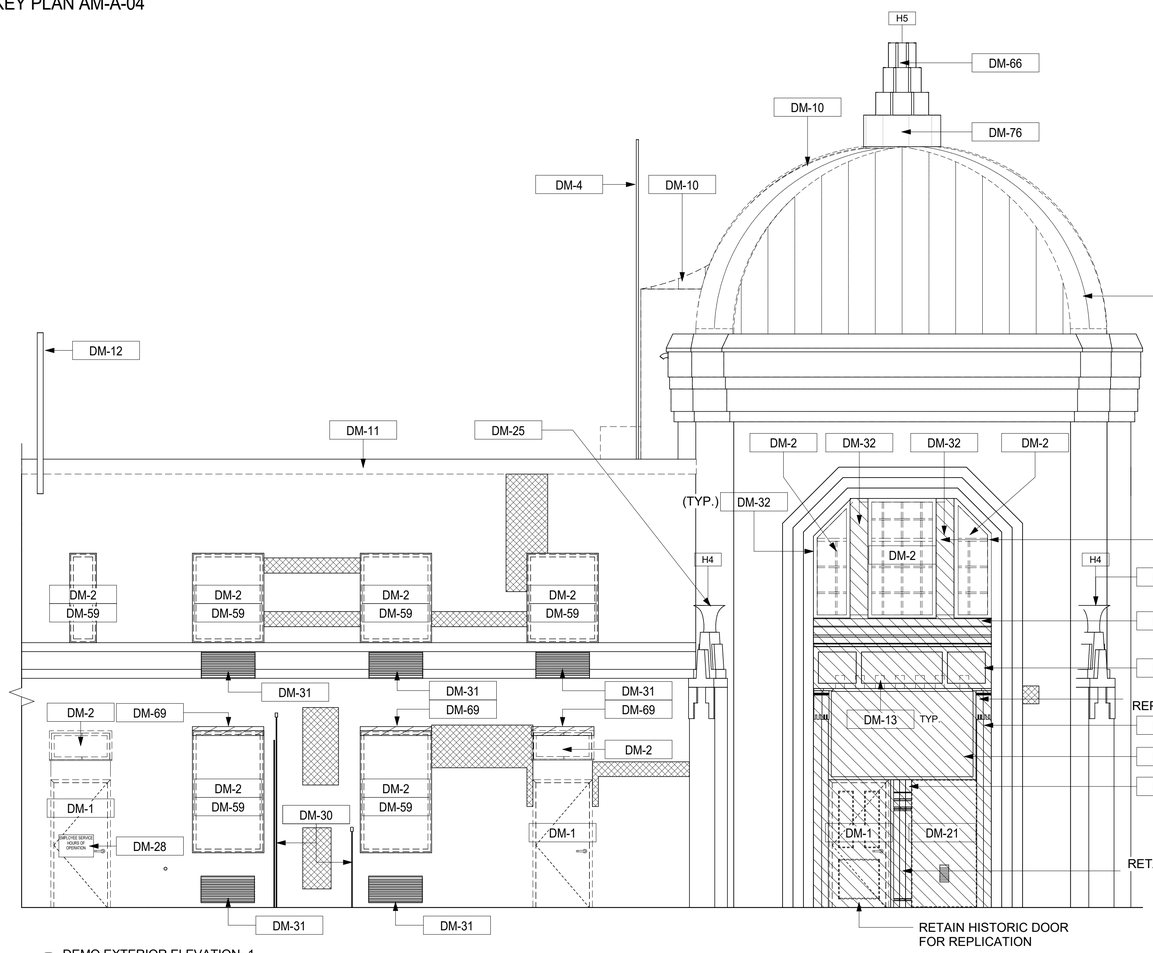


ADMINISTRATION DEMOLITION ELEVATION
KEY PLAN AM-A-04

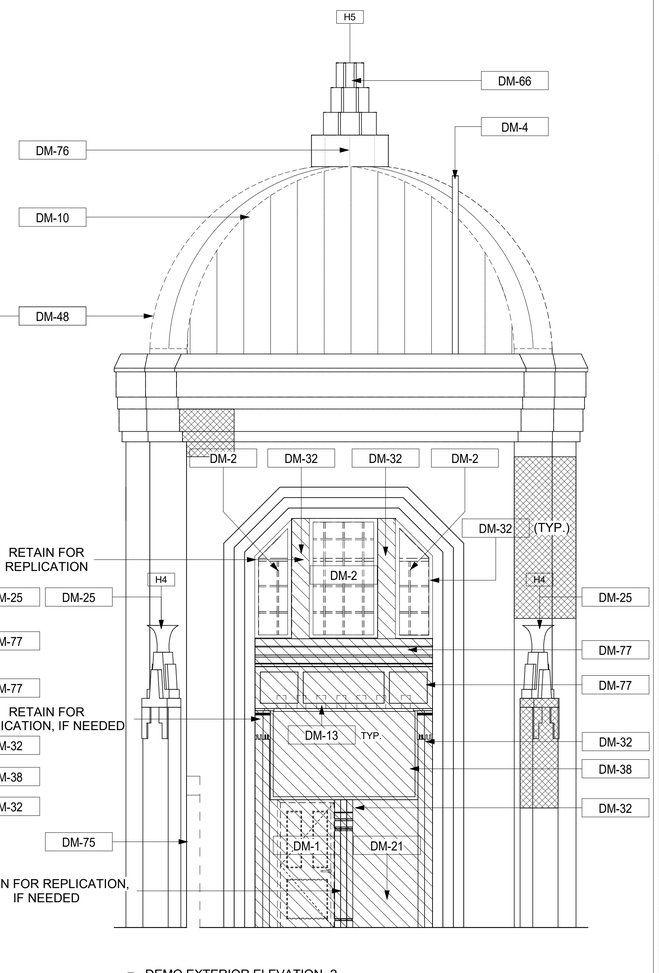
NOTE:
STUCCO 1'-0" FROM WINDOW PERIMETER TO BE REMOVED. TYPICAL AT ALL WINDOWS OPENINGS.



WINDOW DETAIL STUCCO REMOVAL
1/2" = 1'-0"



1 DEMO EXTERIOR ELEVATION- 1
1/4" = 1'-0"



2 DEMO EXTERIOR ELEVATION- 2
1/4" = 1'-0"

0' 2' 4' 8' 16'

GENERAL DEMOLITION NOTES

1. ALL DEMOLITION AND REMOVAL WORK SHALL BE COMPLETED AS INDICATED AND NOTED ON THE DRAWINGS AND AS SPECIFIED.
2. PRIOR TO STARTING WORK, MAKE A THOROUGH EXAMINATION OF THE PORTIONS OF THE STRUCTURE IN WHICH THE WORK IS TO BE PERFORMED. CHECK ALL THE WORK AT ADJOINING OR UNDERLYING LOCATIONS. REPORT TO THE ARCHITECT ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE PREVENT THE PROPER EXECUTION AND COMPLETION OF THE WORK. DO NOT START WORK UNTIL SUCH CONDITIONS HAS BEEN EXAMINED AND MUTUALLY AGREED UPON WITH THE ARCHITECT.
3. DASHED LINES INDICATE WALLS, FIXTURES, EQUIPMENT, ETC. TO BE REMOVED AND DISPOSED OF BY G.C. . ANY QUESTIONS ON SCOPE OF DEMOLITION MUST BE DIRECTED TO THE ARCHITECT PRIOR TO BID
4. THE EXISTING WORK REQUIRED TO BE REMOVED SHALL BE AS INDICATED BUT SHALL ALSO EXTEND TO INCLUDE ANY AND ALL OTHER EXISTING MATERIALS OR WORK NECESSARY TO INSTALL THE NEW WORK AS SHOWN AND SPECIFIED AND TO CONNECT SAME WITH THE EXISTING WORK IN AN APPROVED MANNER.
5. ALTER AND RESTORE EXISTING WALLS, PARTITIONS, COLUMNS, CEILING AND FLOORS, AND THEIR RESPECTIVE FINISHED SURFACES TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.
6. IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVES OF ANY HAZDAROUS MATERIALS ENCOUNTERED DURING DEMOLITION/REMOVAL.
7. ALL DIMENSIONS AND CONSTRUCTION CONDITIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF WORK.
8. DEMOLITION HATCH INDICATES REMOVAL OF EXTERIOR STUCCO ON SURFACES INDICATED IN A MANNER NOT TO DISTRUPT OR DISTURB EXISTING MANSONRY SUBTRATE. PAINT SURFACE OF SUBSTRATE WITH ASBESTOS ENCAPSULATING COATING.
9. REMOVE DAMAGE CINDERBLOCK A MINIMUM OF ONE UNIT BEYOND WHERE VISIBLE CRACKS ARE REVEALED IN FACADE.
10. CONTAINERIZED DEMOLITION DEBRIS SHALL BE TCLP TESTED TO CONFIRM WASTE MAY BE DISPOSED OF AS NON-HAZARDOUS.

DEMOLITION LEGEND

INDICATES STUCCO PATCH/ REPAIR

INDICATES DEMOLITION

INDICATES WOOD WORK

? KEYNOTES

H-4 EXTERIOR REFURBISHED TORCHIERE

H-5 EXTERIOR REFURBISHED FINIAL DOME

KEYNOTE LEGEND

Key Value	Keynote Text
DM-1	REMOVE ALL EXISTING EXTERIOR DOORS AND CAULKING. EXISTING FRAME TO REMAIN, REPAIR AND PREPARE TO RECEIVE NEW DOOR. (TYP.)
DM-2	REMOVE EXISTING WINDOW AND CAULKING. PREPARE TO RECEIVE NEW WINDOW. (TYP.)CAREFULLY REMOVE EXISTING WINDOW TRIM AND RETAIN FOR REPLICATION.
DM-4	COORDINATE EQUIPMENT REMOVAL AND RELOCATION WITH SERVICE COMPANY.
DM-8	REMOVE EXISTING DOOR AND WINDOWS AND LOW WALL, RESTORE OPENING TO ORIGINAL SIZE.
DM-10	EXISTING ROOFING TO BE REMOVED.
DM-11	REMOVE EXISTING COPING AND FLASHING (TYP.)
DM-12	REMOVE ALL NON-FUNCTIONAL ANTENNAS AND ALL ASSOCIATED MOUNTING BRACKETS AND WIRES. COORDINATE WITH ARCHITECT AND OWNER.
DM-13	REMOVE ALL EXISTING LIGHTING FIXTURES AND ALL ASSOCIATED WIRING AND MOUNTING EQUIPMENT (TYP.)
DM-20	REMOVE EXISTING FLASHING ALONG EXISTING ROOF AND WALL JOINT.
DM-21	EXISTING WALL TO BE REMOVED.
DM-25	EXISTING URN TO BE REMOVED CAREFULLY FOR RESTORATION OR FOR USE AS A MODEL FOR REPLICATION WHICH EVER APPLIES. WHEN RESTORING CLEAN/POLISH COPPER COMPONENT. APPLY PROTECTIVE COATING TO MATCH EXISTING ADJACET BUILDING. INSPECT ELECTRICAL SYSTEM TO MEET CODE, COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH. EXISTING STUCCO FINISH TO BE SCRAPED AND PREPARED TO RECEIVE NEW STUCCO.
DM-28	EXISTING SIGNAGE TO BE CAREFULLY REMOVED AND STORED IN A SAFE PLACE FOR REINSTALLATION UPON PROJECT COMPLETION.
DM-30	SEE ELECTRICAL DRAWINGS.
DM-31	REMOVE EXISTING LOUVERS. EXISTING MECHANICAL UNIT TO REMAIN.
DM-32	SCRAPE EXISTING WOOD COLUMNS, TRIM, PANELS AND CASEWORK TO BARE WOOD TO BE PREPARED FOR NEW FINISH. REPLACE ALL ROTTED WOOD.(TYP)
DM-33	MECHANICAL EQUIPMENT TO BE REMOVED. REPAIR ROOF SUBSTRATE AS REQUIRED FOR NEW ROOFING SYSTEM. SEE ELECTRICAL DRAWINGS.
DM-34	EXISTING WOOD CANOPY FRAMING AND BRACKETS TO BE REPAIRED, SCRAPED AND PREPARED FOR NEW PAINTED FINISH.
DM-35	EXISTING CLAY ROOFING TILES & FLASHING TO BE REMOVED. REPLACE ROTTED WOOD/SUBSTRATE AS REQUIRED. SCRAPE EXISTING MATERIAL TO BARE WOOD AND PREPARE FOR NEW PAINT.
DM-38	REMOVE EXISTING SIGN BOARD
DM-47	SKYLIGHT TO BE REMOVED.
DM-48	REMOVE EXISTING COPPER ROOFING INCLUDING GUTTERS AND FLASHING.
DM-49	EXISTING ROOFTOP MECHANICAL UNITS TO REMAIN. COORDINATE WITH NEW ROOF INSTALLATION.
DM-52	EXISTING ROOF DRAIN ASSEMBLY TO BE REMOVED.
DM-59	INTERIOR WINDOWS TO BE REMOVED.
DM-60	CAREFULLY REMOVE EXISTING GLASS FINIAL FOR RESTORATION.
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DM-67	EXISTING CHIMNEY TO BE DEMOLISHED AND REBUILT. SEE STRUCTURAL DRAWINGS FOR DETAILS AND EXTENT OF REMOVAL
DM-68	REMOVE AND REPLACE TIMBER ROOF DECKING AND TIMBER ROOF JOISTS IN KIND (TYP.) SEE STRUCTURAL DRAWINGS
DM-69	DEMOLISH AND REPLACE EXISTING LINTEL. SEE STRUCTURAL DRAWINGS
DM-70	REMOVE EXISTING EXTERIOR DOOR AND CAULKING. EXISTING WOOD FRAME AND COPPER DOOR SILL TO BE REPLACED IN KIND.
DM-71	EXISTING VENT PIPE TO REMAIN.(TYP.)
DM-72	REMOVE EXISTING DOOR AND PREPARE TO INFILL OPENING FOR NEW CONCRETE MASONRY UNITS, TRIM, AND WINDOW.
DM-73	CONTRACTOR TO CAREFULLY SUPPORT THE EXISTING LIGHTING AND CONNECTED WIRING, WHILE ROTTED WOOD ELEMENTS ARE REPLACED AND SURFACES ARE PROPERLY PAINTED.
DM-74	REMOVE EXISTING BUILT-IN GUTTER, PIPES, AND COPING. PREPARE FOR NEW BUILT-IN GUTTER AND COPING.
DM-75	REMOVE UNUSED GATE POST AND REPAIR/ PAINT THE STUCCO BEHIND.
DM-76	CAREFULLY REMOVE THE STONE BASE AND RETAIN FOR REPLICATION.
DM-77	REMOVE WOOD TRIM PANELS AND PREPARE TO MATCH THE WOOD TRIM PANELS OF NORTH ADMIN IN KIND.
DM-78	REMOVE EXISTING COPPER DOOR SILL PAN. PREPARE FOR NEW DOOR SILL PAN.

10/15/2020 5:45:53 PM

CONSULTANT INFORMATION
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(516) 938-5476 www.liro.com

CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
AS BUILT – CHANGES AS NOTED
AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

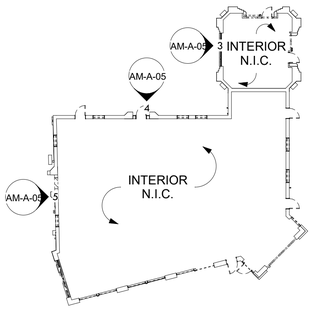
PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
DEMOLITION - EXTERIOR ELEVATIONS

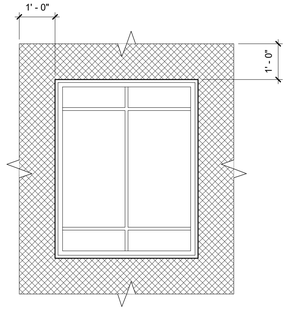
CONTRACT NUMBER	SHEET NUMBER
20-501	AM-A-04

DWG NO.: Page 25 of 387
SCALE: As indicated
DATE: 09/16/2020
DPW FILE NUMBER 1-118-A-25 REV. NO. 0

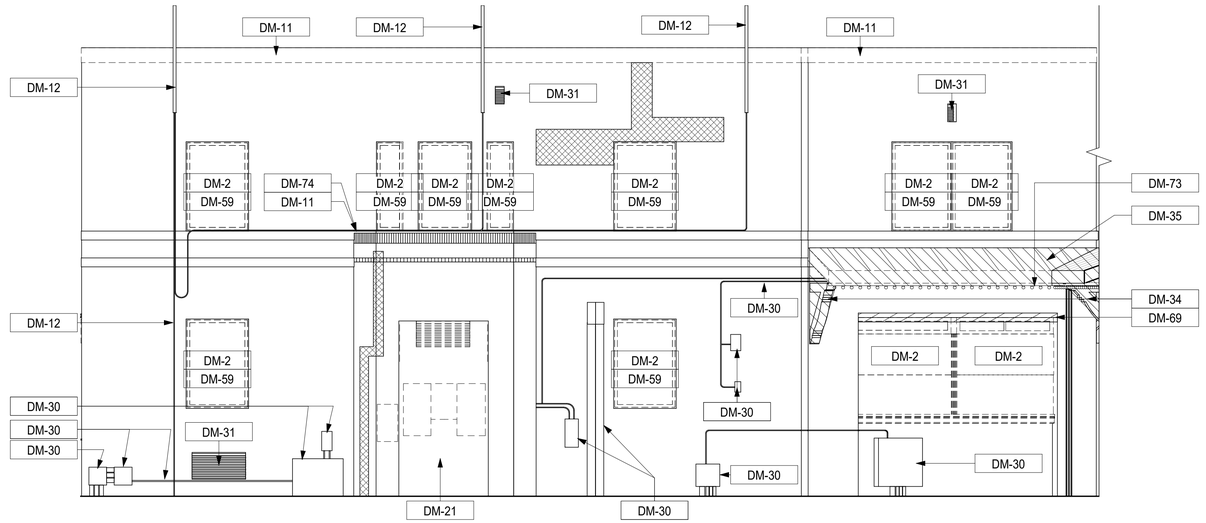


ADMINISTRATION DEMOLITION ELEVATION KEY PLAN AM-A-05

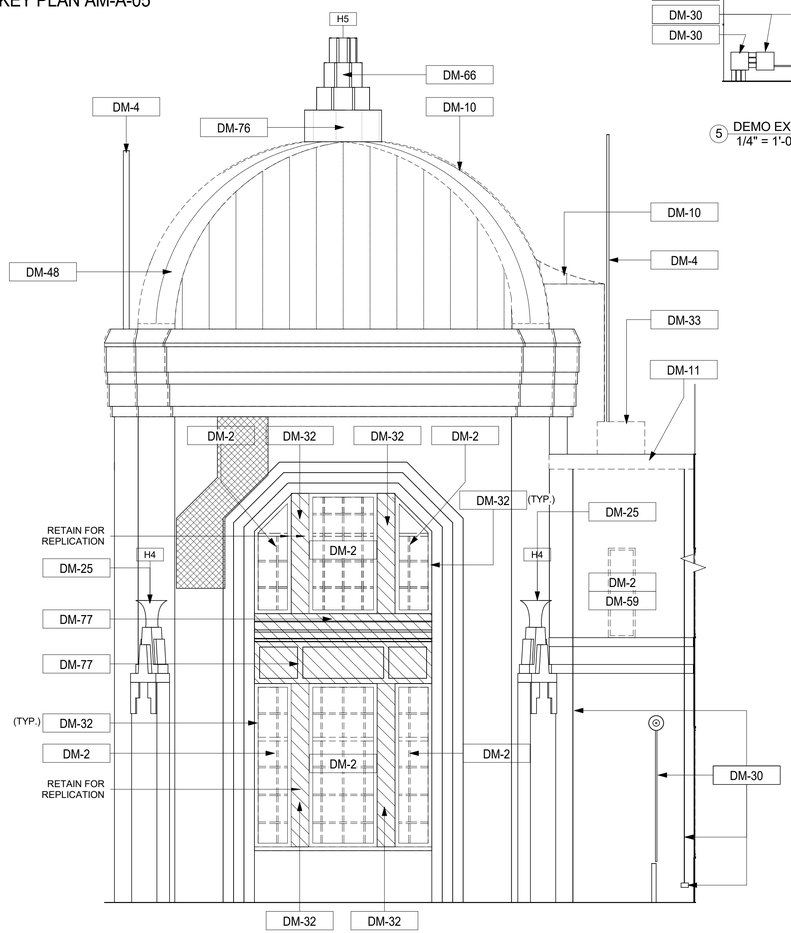
NOTE:
STUCCO 1'-0" FROM WINDOW PERIMETER TO BE REMOVED. TYPICAL AT ALL WINDOWS OPENINGS.



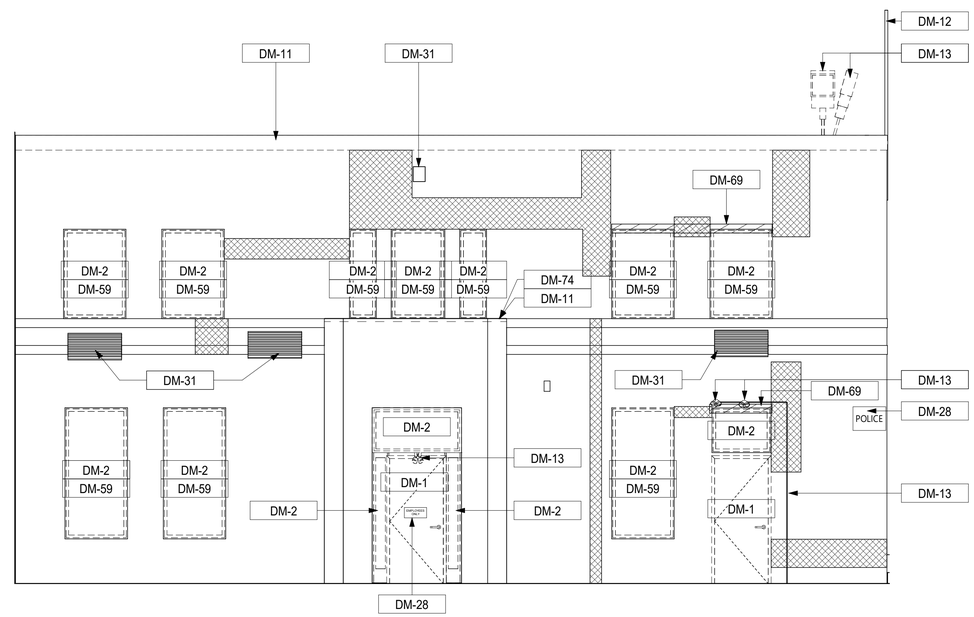
WINDOW DETAIL STUCCO REMOVAL
1/2" = 1'-0"



5 DEMO EXTERIOR ELEVATION- 5
1/4" = 1'-0"



3 DEMO EXTERIOR ELEVATION -3
1/4" = 1'-0"



4 DEMO EXTERIOR ELEVATION-4
1/4" = 1'-0"

0' 2' 4' 8' 16'

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1. ALL DEMOLITION AND REMOVAL WORK SHALL BE COMPLETED AS INDICATED AND NOTED ON THE DRAWINGS AND AS SPECIFIED.
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3. DASHED LINES INDICATE WALLS, FIXTURES, EQUIPMENT, ETC. TO BE REMOVED AND DISPOSED OF BY G.C. . ANY QUESTIONS ON SCOPE OF DEMOLITION MUST BE DIRECTED TO THE ARCHITECT PRIOR TO BID
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DEMOLITION LEGEND

- INDICATES STUCCO PATCH/ REPAIR
- INDICATES DEMOLITION
- INDICATES WOOD WORK
- ? KEYNOTES
- H-4 EXTERIOR REFURBISHED TORCHIERE
- H-5 EXTERIOR REFURBISHED FINIAL DOME

KEYNOTE LEGEND

Key Value	Keynote Text
DM-1	REMOVE ALL EXISTING EXTERIOR DOORS AND CAULKING. EXISTING FRAME TO REMAIN, REPAIR AND PREPARE TO RECEIVE NEW DOOR. (TYP.)
DM-2	REMOVE EXISTING WINDOW AND CAULKING. PREPARE TO RECEIVE NEW WINDOW. (TYP.)CAREFULLY REMOVE EXISTING WINDOW TRIM AND RETAIN FOR REPLICATION.
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DM-76	CAREFULLY REMOVE THE STONE BASE AND RETAIN FOR REPLICATION.
DM-77	REMOVE WOOD TRIM PANELS AND PREPARE TO MATCH THE WOOD TRIM PANELS OF NORTH ADMIN IN KIND.
DM-78	REMOVE EXISTING COPPER DOOR SILL PAN. PREPARE FOR NEW DOOR SILL PAN.

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CONSULTANT INFORMATION
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(516) 938-5476 www.liro.com

CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

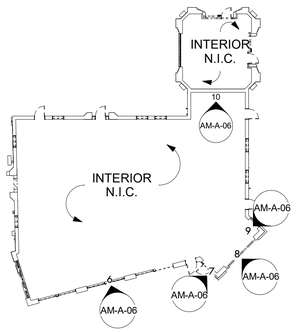
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
DEMOLITION- EXTERIOR ELEVATIONS

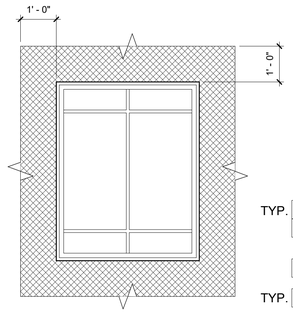
CONTRACT NUMBER	SHEET NUMBER
20-501	AM-A-05

DWG NO.: Page 26 of 387
SCALE: As indicated
DATE: 09/16/2020
DPW FILE NUMBER 1-118-A-26 REV. NO. 0

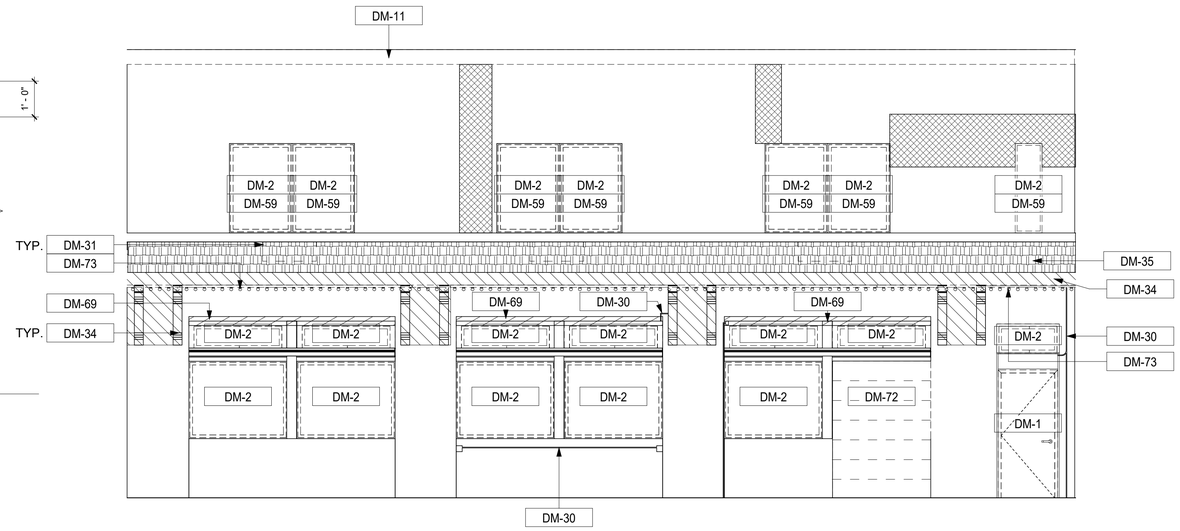
NOTE:
STUCCO 1'-0" FROM WINDOW PERIMETER TO BE REMOVED. TYPICAL AT ALL WINDOWS OPENINGS.



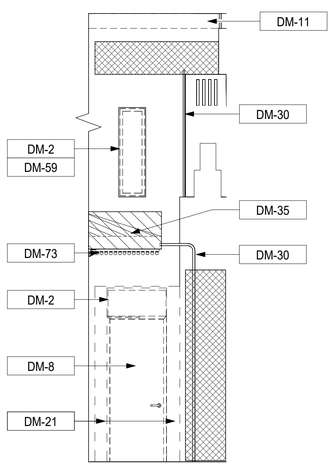
ADMINISTRATION DEMOLITION ELEVATION
KEY PLAN AM-A-06



WINDOW DETAIL STUCCO REMOVAL
1/2" = 1'-0"



6 DEMO EXTERIOR ELEVATION- 6
1/4" = 1'-0"



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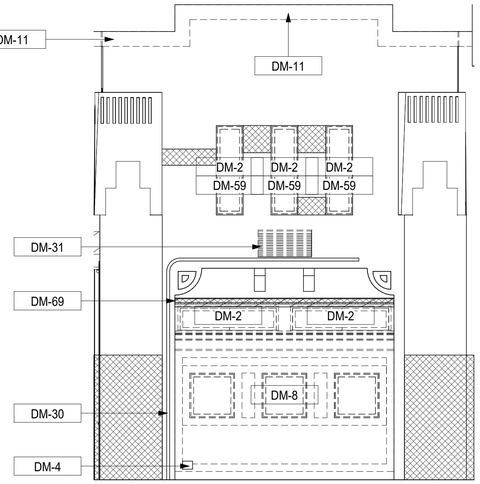
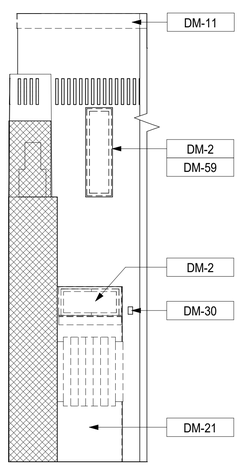
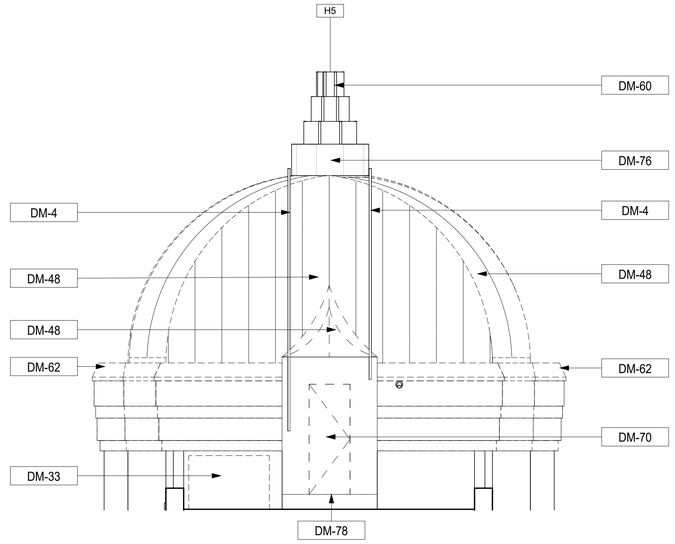
1/4" = 1'-0"



8 DEMO EXTERIOR ELEVATION- 8
1/4" = 1'-0"



9 DEMO EXTERIOR ELEVATION- 9
1/4" = 1'-0"



10 DEMO EXTERIOR ELEVATION- 10
1/4" = 1'-0"

0' 2' 4' 8' 16'

GENERAL DEMOLITION NOTES

1. ALL DEMOLITION AND REMOVAL WORK SHALL BE COMPLETED AS INDICATED AND NOTED ON THE DRAWINGS AND AS SPECIFIED.
2. PRIOR TO STARTING WORK, MAKE A THOROUGH EXAMINATION OF THE PORTIONS OF THE STRUCTURE IN WHICH THE WORK IS TO BE PERFORMED. CHECK ALL THE WORK AT ADJOINING OR UNDERLYING LOCATIONS. REPORT TO THE ARCHITECT ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE PREVENT THE PROPER EXECUTION AND COMPLETION OF THE WORK. DO NOT START WORK UNTIL SUCH CONDITIONS HAS BEEN EXAMINED AND MUTUALLY AGREED UPON WITH THE ARCHITECT.
3. DASHED LINES INDICATE WALLS, FIXTURES, EQUIPMENT, ETC. TO BE REMOVED AND DISPOSED OF BY G.C.. ANY QUESTIONS ON SCOPE OF DEMOLITION MUST BE DIRECTED TO THE ARCHITECT PRIOR TO BID
4. THE EXISTING WORK REQUIRED TO BE REMOVED SHALL BE AS INDICATED BUT SHALL ALSO EXTEND TO INCLUDE ANY AND ALL OTHER EXISTING MATERIALS OR WORK NECESSARY TO INSTALL THE NEW WORK AS SHOWN AND SPECIFIED AND TO CONNECT SAME WITH THE EXISTING WORK IN AN APPROVED MANNER.
5. ALTER AND RESTORE EXISTING WALLS, PARTITIONS, COLUMNS, CEILING AND FLOORS, AND THEIR RESPECTIVE FINISHED SURFACES TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.
6. IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVES OF ANY HAZDAROUS MATERIALS ENCOUNTERED DURING DEMOLITION/REMOVAL.
7. ALL DIMENSIONS AND CONSTRUCTION CONDITIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF WORK.
8. DEMOLITION HATCH INDICATES REMOVAL OF EXTERIOR STUCCO ON SURFACES INDICATED IN A MANNER NOT TO DISTRUPT OR DISTURB EXISTING MANSONRY SUBTRATE. PAINT SURFACE OF SUBSTRATE WITH ASBESTOS ENCAPSULATING COATING.
9. REMOVE DAMAGE CINDERBLOCK A MINIMUM OF ONE UNIT BEYOND WHERE VISIBLE CRACKS ARE REVEALED IN FACADE.
10. CONTAINERIZED DEMOLITION DEBRIS SHALL BE TCLP TESTED TO CONFIRM WASTE MAY BE DISPOSED OF AS NON-HAZARDOUS.

DEMOLITION LEGEND

- INDICATES STUCCO PATCH/ REPAIR
- INDICATES DEMOLITION
- INDICATES WOOD WORK
- ? KEYNOTES
- H-4 EXTERIOR REFURBISHED TORCHIERE
- H-5 EXTERIOR REFURBISHED FINIAL DOME

KEYNOTE LEGEND

Key Value	Keynote Text
DM-1	REMOVE ALL EXISTING EXTERIOR DOORS AND CAULKING. EXISTING FRAME TO REMAIN, REPAIR AND PREPARE TO RECEIVE NEW DOOR. (TYP.)
DM-2	REMOVE EXISTING WINDOW AND CAULKING. PREPARE TO RECEIVE NEW WINDOW. (TYP.)CAREFULLY REMOVE EXISTING WINDOW TRIM AND RETAIN FOR REPLICATION.
DM-4	COORDINATE EQUIPMENT REMOVAL AND RELOCATION WITH SERVICE COMPANY.
DM-8	REMOVE EXISTING DOOR AND WINDOWS AND LOW WALL, RESTORE OPENING TO ORIGINAL SIZE.
DM-10	EXISTING ROOFING TO BE REMOVED.
DM-11	REMOVE EXISTING COPING AND FLASHING (TYP.)
DM-12	REMOVE ALL NON-FUNCTIONAL ANTENNAS AND ALL ASSOCIATED MOUNTING BRACKETS AND WIRES. COORDINATE WITH ARCHITECT AND OWNER.
DM-13	REMOVE ALL EXISTING LIGHTING FIXTURES AND ALL ASSOCIATED WIRING AND MOUNTING EQUIPMENT (TYP.)
DM-20	REMOVE EXISTING FLASHING ALONG EXISTING ROOF AND WALL JOINT.
DM-21	EXISTING WALL TO BE REMOVED.
DM-25	EXISTING URN TO BE REMOVED CAREFULLY FOR RESTORATION OR FOR USE AS A MODEL FOR REPLICATION WHICH EVER APPLIES; WHEN RESTORING CLEAN/POLISH COPPER COMPONENT. APPLY PROTECTIVE COATING TO MATCH EXISTING ADJACET BUILDING. INSPECT ELECTRICAL SYSTEM TO MEET CODE, COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH. EXISTING STUCCO FINISH TO BE SCRAPED AND PREPARED TO RECEIVE NEW STUCCO.
DM-28	EXISTING SIGNAGE TO BE CAREFULLY REMOVED AND STORED IN A SAFE PLACE FOR REINSTALLATION UPON PROJECT COMPLETION.
DM-30	SEE ELECTRICAL DRAWINGS.
DM-31	REMOVE EXISTING LOUVERS. EXISTING MECHANICAL UNIT TO REMAIN.
DM-32	SCRAPE EXISTING WOOD COLUMNS, TRIM, PANELS AND CASEWORK TO BARE WOOD TO BE PREPARED FOR NEW FINISH. REPLACE ALL ROTTED WOOD.(TYP)
DM-33	MECHANICAL EQUIPMENT TO BE REMOVED. REPAIR ROOF SUBSTRATE AS REQUIRED FOR NEW ROOFING SYSTEM. SEE ELECTRICAL DRAWINGS.
DM-34	EXISTING WOOD CANOPY FRAMING AND BRACKETS TO BE REPAIRED, SCRAPED AND PREPARED FOR NEW PAINTED FINISH.
DM-35	EXISTING CLAY ROOFING TILES & FLASHING TO BE REMOVED. REPLACE ROTTED WOOD/SUBSTRATE AS REQUIRED. SCRAPE EXISTING MATERIAL TO BARE WOOD AND PREPARE FOR NEW PAINT.
DM-38	REMOVE EXISTING SIGN BOARD
DM-47	SKYLIGHT TO BE REMOVED.
DM-48	REMOVE EXISTING COPPER ROOFING INCLUDING GUTTERS AND FLASHING.
DM-49	EXISTING ROOFTOP MECHANICAL UNITS TO REMAIN. COORDINATE WITH NEW ROOF INSTALLATION.
DM-52	EXISTING ROOF DRAIN ASSEMBLY TO BE REMOVED.
DM-59	INTERIOR WINDOWS TO BE REMOVED.
DM-60	CAREFULLY REMOVE EXISTING GLASS FINIAL FOR RESTORATION.
DM-62	REMOVE ALL EXISTING COPING
DM-66	EXISTING FINIAL TO BE REMOVED CAREFULLY FOR RESTORATION OR FOR USE AS A MODEL FOR REPLICATION WHICH EVER APPLIES. WHEN RESTORING CLEAN/POLISH COPPER COMPONENT. APPLY PROTECTIVE COATING TO MATCH EXISTING ADJACET BUILDING. INSPECT ELECTRICAL SYSTEM TO MEET CODE, COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH.
DM-67	EXISTING CHIMNEY TO BE DEMOLISHED AND REBUILT. SEE STRUCTURAL DRAWINGS FOR DETAILS AND EXTENT OF REMOVAL
DM-68	REMOVE AND REPLACE TIMBER ROOF DECKING AND TIMBER ROOF JOISTS IN KIND (TYP.) SEE STRUCTURAL DRAWINGS
DM-69	DEMOLISH AND REPLACE EXISTING LINTEL. SEE STRUCTURAL DRAWINGS
DM-70	REMOVE EXISTING EXTERIOR DOOR AND CAULKING. EXISTING WOOD FRAME AND COPPER DOOR SILL TO BE REPLACED IN KIND.
DM-71	EXISTING VENT PIPE TO REMAIN.(TYP.)
DM-72	REMOVE EXISTING DOOR AND PREPARE TO INFILL OPENING FOR NEW CONCRETE MASONRY UNITS, TRIM, AND WINDOW.
DM-73	CONTRACTOR TO CAREFULLY SUPPORT THE EXISTING LIGHTING AND CONNECTED WIRING, WHILE ROTTED WOOD ELEMENTS ARE REPLACED AND SURFACES ARE PROPERLY PAINTED.
DM-74	REMOVE EXISTING BUILT-IN GUTTER, PIPES, AND COPING. PREPARE FOR NEW BUILT-IN GUTTER AND COPING.
DM-75	REMOVE UNUSED GATE POST AND REPAIR/ PAINT THE STUCCO BEHIND.
DM-76	CAREFULLY REMOVE THE STONE BASE AND RETAIN FOR REPLICATION.
DM-77	REMOVE WOOD TRIM PANELS AND PREPARE TO MATCH THE WOOD TRIM PANELS OF NORTH ADMIN IN KIND.
DM-78	REMOVE EXISTING COPPER DOOR SILL PAN. PREPARE FOR NEW DOOR SILL PAN.

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CONSULTANT INFORMATION
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CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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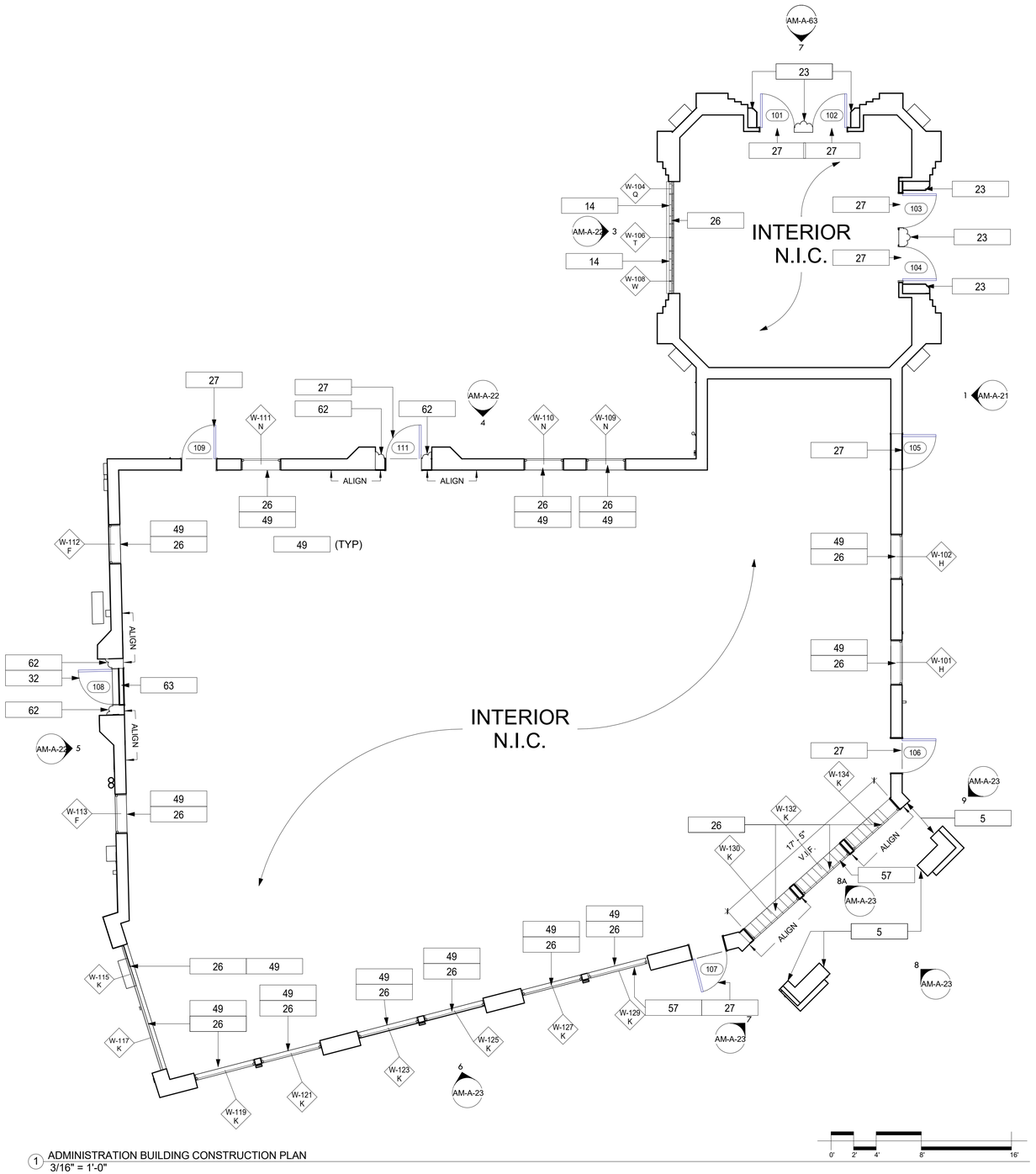
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
DEMOLITION- EXTERIOR ELEVATIONS

CONTRACT NUMBER	SHEET NUMBER
20-501	AM-A-06

DWG NO.: Page 27 of 387
SCALE: As indicated
DATE: 09/16/2020
DPW FILE NUMBER 1-118-A-27 REV. NO. 0



1 ADMINISTRATION BUILDING CONSTRUCTION PLAN
3/16" = 1'-0"

GENERAL NOTES

1. THE ARCHITECT DOES NOT CERTIFY DIMENSIONS OR CONDITIONS OF EXISTING CONSTRUCTION. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY BETWEEN DRAWINGS AND EXISTING CONDITIONS. IN ADDITION, CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DEFECTIVE CONSTRUCTION UNCOVERED DURING CONSTRUCTION.

2. CONTRACTOR SHALL KEEP WORK SITE FREE FROM DEBRIS AND ACCUMULATED REFUSE, AND SHALL HAVE SOLE RESPONSIBILITY FOR PROTECTING ALL DANGEROUS AREAS FROM ENTRY BY UNAUTHORIZED PARTIES. ALL CONSTRUCTION SCRAPS, DIRT, AND DEBRIS SHALL BE REMOVED FROM THE PREMISES DAILY. SITE SHALL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY. AT THE COMPLETION OF THE WORK, HE PREMISES SHALL BE LEFT IN A BROOM CLEAN CONDITION.

3. ALL WORK TO BE PERFORMED IN A WORKMANLIKE FASHION. MATERIALS UTILIZED SHALL BE AS SPECIFIED ON THE DRAWINGS OR IN THE JOB SPECIFICATIONS, OR, IF GENERIC, IN COMPLIANCE WITH ASTM, NEW YORK CODE, OR OTHER GENERALLY ACCEPTED STANDARDS.

4. WHERE EXISTING EQUIPMENT OR CONSTRUCTION IS REMOVED OR ALTERED, ALL REMAINING SURFACES AND FINISHES AFFECTED SHALL BE PATCHED AND FINISHED TO MATCH ADJACENT CONSTRUCTION/PRE-EXISTING CONDITION.

5.ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.

CONSTRUCTION LEGEND

1i	DOOR TAG
1i 1t TYPE MARK TYPE	WINDOW TAG
?	KEYNOTES
??	LIGHTING FIXTURE

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
1	REFURBISHED GLASS FINIAL TO MATCH EXISTING ON ADJACENT BUILDING. INSPECT ELECTRICAL SYSTEM AND REPAIR AS REQUIRED TO MEET CODE, COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH. RETROFIT LAMP SYSTEM AS PER SPECIFICATIONS.
4	NEW ALUMINUM SHEET METAL COPING. (TO MATCH RESTORED ICE CASINO)
5	COAT ENTIRE STUCCO FACADE WITH NEW FINISH COATING AND TWO COATS OF FINISH PAINT.
7	PATCH AND REPAIR EXISTING DAMAGED STUCCO TO MATCH AND ALIGN WITH EXISTING ADJACENT.
11	REPLACE MISSING, CRACKED AND/OR STAINED CERAMIC TILES TO MATCH ORIGINAL. CLEAN AND REGROUT TILE JOINTS. (TYP OF ALL BAYS.)
13	NEW ALUMINUM STANDING SEAM ROOF, BUILT IN GUTTERS, COPING, AND FLASHING. (TO MATCH RESTORED ICE CASINO)
14	EXTERIOR WOOD POST,TRIM, AND PANEL TO BE PATCHED, REPAIRED/REFURBISHED AS REQUIRED THROUGHOUT (TYP.)
23	EXISTING COLUMNS TO BE REFURBISH AS NEEDED AND REPAINTED ACCORDING TO HISTORIC BOAT HOUSE COLOR SCHEME
24	ALL TORCHIERES TO BE RESTORED WITH NEW LIGHTING. SEE ELECTRICAL DRAWINGS.
25	MECHANICAL EQUIPMENT LOUVER TO BE REPLACED, CAULK PERIMETER AND PAINT AS INDICATED. (TYPICAL THROUGHOUT)
26	NEW WINDOW SET IN EXISTING OPENING. REFER TO SCHEDULE FOR MORE DETAILS. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT). REINSTALL RESTORED WINDOW TRIM.
27	NEW DOOR SET IN EXISTING OPENING. REFER TO SCHEDULE FOR MORE DETAILS. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT)
28	STEEL WINDOWS TO BE REPLACED TO MATCH HISTORIC. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT). REINSTALL RESTORED WINDOW TRIM.
29	ALL EXISTING TRIM TO BE REPAIRED AND REPAINTED.
30	NEW TILE ROOFING AT CANOPY TO MATCH RESTORED BATH HOUSE. WOOD TO BE RESTORED/REFURBISHED AS REQUIRED THROUGHOUT. INSTALL NEW FLASHING (TYPICAL THROUGHOUT)
31	WOOD CANOPY FRAMING, UNDERSIDE, AND BRACKETS TO BE RESTORED (TYPICAL THROUGHOUT.)
32	NEW DOOR WITH TRIM. PAINTED LOUVER TO BE OPERATIONAL ABOVE DOOR TRIM FOR EXISTING EQUIPMENT BEYOND WALL. FIX THE DOOR CLOSED. PUT A PIECE OF PLYWOOD OVER THE OPAQUE BLACK GLASS ON THE INSIDE. SIMILAR TO COLUMN TRIM FROM BETWEEN THE DOOR ON THE DOME TOWER, SEE ELEVATION. REFER TO SCHEDULE FOR MORE DETAILS. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT.)
34	INFILL AT ARCHWAY TO RESTORE ORIGINAL HISTORIC CONFIGURATION.
36	EXISTING ROOFTOP UNITS TO BE COORDINATED WITH OWNER.
37	CLOSE SKYLIGHT OPENINGS. PROVIDE FRAMING (MIN 2X6, 16" O.C. WITH JOIST HANGERS AND ALL REQUIRED ACCESSORIES. 3/4" PLYWOOD SHEATHING FLUSH WITH ADJACENT ROOF SURFACE (TYP.)
38	REPAIR AND RESTORE EXISTING CHIMNEY AND VENTILATION PENTHOUSE.
39	NEW ROOF DRAIN ASSEMBLY AT EXISTING LOCATION. REPAIR EXISTING LEAKS AS REQUIRED.
40	NEW ROOFING SYSTEM. COLD APPLIED 3PLY SBS MODIFIED BITUMINOUS ROOFING WITH MIN. 2% POSITIVE DRAINAGE TO NEW ROOF DRAINS.
42	NEW WINDOW. SEE WINDOW SCHEDULE.
45	NEW TILE TO MATCH EXISTING HISTORIC TILE.
46	NEW EXTERIOR CEILING.
47	NEW RECESSED CAN LIGHTING
48	RE-INSTALL RESTORED URNS
49	INTERIOR OPENINGS TO BE REFINISHED REMOVING ALL EVIDENCE OF SECONDARY INTERIOR WINDOW. TYPICAL OF ALL OPENINGS.
51	NEW PAINTED EXTERIOR TONGUE & GROOVE CEILING WITH BATT INSULATION PACKED BETWEEN FRAMING MEMBERS.
52	REINSTALL EXISTING SIGNAGE WHERE INDICATED.
53	THE CONTRACTOR IS TO PROVIDE AND INSTALL A SIGNAGE PANEL. THE OWNER WILL PROVIDE THE GRAPHIC FILE FOR PRINTING.
54	CHIMNEY TO BE REBUILT. SEE STRUCTURAL DRAWINGS FOR DETAILS
55	NEW ALUMINUM CONDUCTOR HEAD, LEADER, AND SPLASHBLOCK. (COLOR TO MATCH NEW STANDING SEAM ROOF)
56	NEW ROOF MOUNTED GUARDRAIL 42" HIGH AT PERIMETER OF ROOF WITH KICKER AND BASE PLATES. INSTALL AS PER MANUFACTURERS RECOMMENDATIONS.
57	INFILL EXISTING OPENINGS WITH CONCRETE MASONRY UNITS, FLUSH WITH EXISTING ADJACENT MASONRY WALL SURFACES, INSTALL NEW TILE TO MATCH HISTORIC TILES, AT EXTERIOR.
58	NEW VENT PIPE FLASHING. (TYP.)
59	PROVIDE AND INSTALL NEW ALUMINUM CAP AND DRAINAGE PIPE TO MATCH EXISTING PARAPET COPING. NEW FLASHING ALONG EXISTING WALL AND ROOF CONNECTION. INSTALL MICRO MESH GUTTER GUARD SYSTEM.
60	INSTALL NEW STAINLESS STEEL BIRD SPIKES.(TYPICAL THROUGHOUT.)
61	REATTACH EXISTING LIGHTING TO THE SAME LOCATION AFTER REPAIRING AND PAINTING WOOD ELEMENTS.
62	NEW COLUMN TRIM TO MATCH THOSE ON DOMED TOWER. SEE ELEVATION.
63	NEW FINISHED INTERIOR WALL PAINTED TO MATCH EXISTING BEHIND THE DOOR. TEMPORARY WALL TO CONCEAL DOOR EXISTENCE TO BE REMOVED ONCE INTERIOR RENOVATIONS ARE COMPLETED AT A LATER DATE.
64	NEW ALUMINUM BUILT-IN GUTTERS & SCUPPER. (TYP. THROUGHOUT)(TO MATCH RESTORED ICE CASINO)
65	PROVIDE AND INSTALL NEW SHEET METAL DOOR SILL PAN. (TO MATCH RESTORED ICE CASINO)
66	INSTALL REPLICATED STONE BASE.
67	RESTORE EXISTING CAST STONE THEN FINISH AS INDICATED.
68	RECONSTRUCT THE WOOD PANELS INDICATED TO MATCH THE WOOD PANELS ON NORTH ADMIN BUILDING. SEE ELEVATION 4/AM-A-21.

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CONSULTANT INFORMATION
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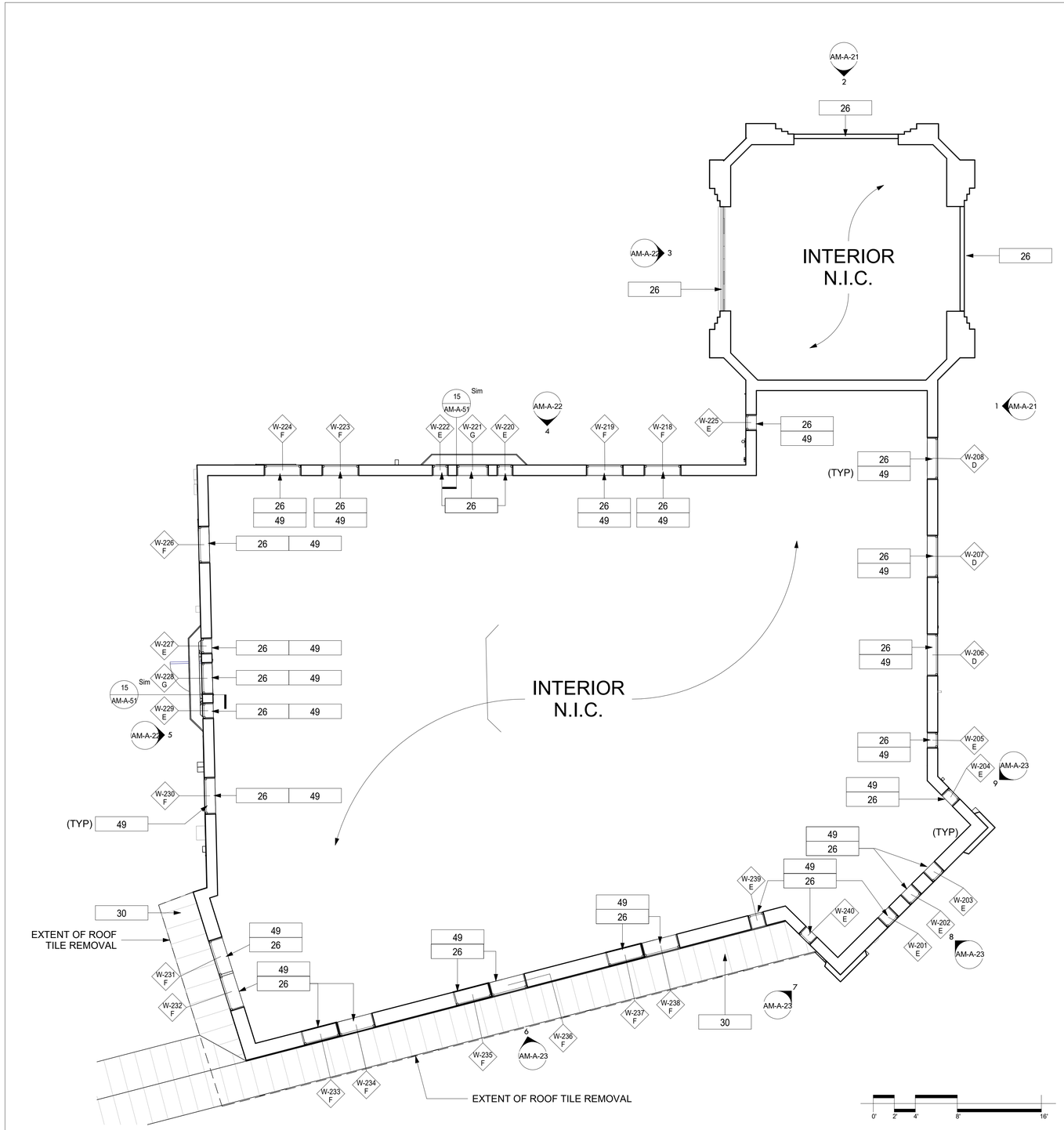
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
GROUND FLOOR CONSTRUCTION PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-A-11
DWG NO.:	Page 28 of 387
SCALE:	As indicated
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-28
REV. NO.	0



1 ADMINISTRATION BUILDING 2ND FLOOR DEMOLITION PLAN
3/16" = 1'-0"

GENERAL NOTES

1. THE ARCHITECT DOES NOT CERTIFY DIMENSIONS OR CONDITIONS OF EXISTING CONSTRUCTION. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY BETWEEN DRAWINGS AND EXISTING CONDITIONS. IN ADDITION, CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DEFECTIVE CONSTRUCTION UNCOVERED DURING CONSTRUCTION.

2. CONTRACTOR SHALL KEEP WORK SITE FREE FROM DEBRIS AND ACCUMULATED REFUSE, AND SHALL HAVE SOLE RESPONSIBILITY FOR PROTECTING ALL DANGEROUS AREAS FROM ENTRY BY UNAUTHORIZED PARTIES. ALL CONSTRUCTION SCRAPS, DIRT, AND DEBRIS SHALL BE REMOVED FROM THE PREMISES DAILY. SITE SHALL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY. AT THE COMPLETION OF THE WORK, HE PREMISES SHALL BE LEFT IN A BROOM CLEAN CONDITION.

3. ALL WORK TO BE PERFORMED IN A WORKMANLIKE FASHION. MATERIALS UTILIZED SHALL BE AS SPECIFIED ON THE DRAWINGS OR IN THE JOB SPECIFICATIONS, OR, IF GENERIC, IN COMPLIANCE WITH ASTM, NEW YORK CODE, OR OTHER GENERALLY ACCEPTED STANDARDS.

4. WHERE EXISTING EQUIPMENT OR CONSTRUCTION IS REMOVED OR ALTERED, ALL REMAINING SURFACES AND FINISHES AFFECTED SHALL BE PATCHED AND FINISHED TO MATCH ADJACENT CONSTRUCTION/PRE-EXISTING CONDITION.

5.ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.

CONSTRUCTION LEGEND

1i	DOOR TAG
1i 1t TYPE MARK TYPE	WINDOW TAG
?	KEYNOTES
??	LIGHTING FIXTURE

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
1	REFURBISHED GLASS FINIAL TO MATCH EXISTING ON ADJACENT BUILDING. INSPECT ELECTRICAL SYSTEM AND REPAIR AS REQUIRED TO MEET CODE, COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH. RETROFIT LAMP SYSTEM AS PER SPECIFICATIONS.
4	NEW ALUMINUM SHEET METAL COPING. (TO MATCH RESTORED ICE CASINO)
5	COAT ENTIRE STUCCO FACADE WITH NEW FINISH COATING AND TWO COATS OF FINISH PAINT.
7	PATCH AND REPAIR EXISTING DAMAGED STUCCO TO MATCH AND ALIGN WITH EXISTING ADJACENT.
11	REPLACE MISSING, CRACKED AND/OR STAINED CERAMIC TILES TO MATCH ORIGINAL. CLEAN AND REGROUT TILE JOINTS. (TYP OF ALL BAYS.)
13	NEW ALUMINUM STANDING SEAM ROOF, BUILT IN GUTTERS, COPING, AND FLASHING. (TO MATCH RESTORED ICE CASINO)
14	EXTERIOR WOOD POST,TRIM, AND PANEL TO BE PATCHED, REPAIRED/REFURBISHED AS REQUIRED THROUGHOUT (TYP.)
23	EXISTING COLUMNS TO BE REFURBISH AS NEEDED AND REPAINTED ACCORDING TO HISTORIC BOAT HOUSE COLOR SCHEME
24	ALL TORCHIERES TO BE RESTORED WITH NEW LIGHTING. SEE ELECTRICAL DRAWINGS.
25	MECHANICAL EQUIPMENT LOUVER TO BE REPLACED, CAULK PERIMETER AND PAINT AS INDICATED. (TYPICAL THROUGHOUT)
26	NEW WINDOW SET IN EXISTING OPENING. REFER TO SCHEDULE FOR MORE DETAILS. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT). REINSTALL RESTORED WINDOW TRIM.
27	NEW DOOR SET IN EXISTING OPENING. REFER TO SCHEDULE FOR MORE DETAILS. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT)
28	STEEL WINDOWS TO BE REPLACED TO MATCH HISTORIC. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT). REINSTALL RESTORED WINDOW TRIM.
29	ALL EXISTING TRIM TO BE REPAIRED AND REPAINTED.
30	NEW TILE ROOFING AT CANOPY TO MATCH RESTORED BATH HOUSE. WOOD TO BE RESTORED/REFURBISHED AS REQUIRED THROUGHOUT. INSTALL NEW FLASHING (TYPICAL THROUGHOUT)
31	WOOD CANOPY FRAMING, UNDERSIDE, AND BRACKETS TO BE RESTORED (TYPICAL THROUGHOUT.)
32	NEW DOOR WITH TRIM. PAINTED LOUVER TO BE OPERATIONAL ABOVE DOOR TRIM FOR EXISTING EQUIPMENT BEYOND WALL. FIX THE DOOR CLOSED. PUT A PIECE OF PLYWOOD OVER THE OPAQUE BLACK GLASS ON THE INSIDE. SIMILAR TO COLUMN TRIM FROM BETWEEN THE DOOR ON THE DOME TOWER, SEE ELEVATION. REFER TO SCHEDULE FOR MORE DETAILS. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT.)
34	INFILL AT ARCHWAY TO RESTORE ORIGINAL HISTORIC CONFIGURATION.
36	EXISTING ROOFTOP UNITS TO BE COORDINATED WITH OWNER.
37	CLOSE SKYLIGHT OPENINGS. PROVIDE FRAMING (MIN 2X6, 16" O.C. WITH JOIST HANGERS AND ALL REQUIRED ACCESSORIES. 3/4" PLYWOOD SHEATHING FLUSH WITH ADJACENT ROOF SURFACE (TYP.)
38	REPAIR AND RESTORE EXISTING CHIMNEY AND VENTILATION PENTHOUSE.
39	NEW ROOF DRAIN ASSEMBLY AT EXISTING LOCATION. REPAIR EXISTING LEAKS AS REQUIRED.
40	NEW ROOFING SYSTEM. COLD APPLIED 3PLY SBS MODIFIED BITUMINOUS ROOFING WITH MIN. 2% POSITIVE DRAINAGE TO NEW ROOF DRAINS.
42	NEW WINDOW. SEE WINDOW SCHEDULE.
45	NEW TILE TO MATCH EXISTING HISTORIC TILE.
46	NEW EXTERIOR CEILING.
47	NEW RECESSED CAN LIGHTING
48	RE-INSTALL RESTORED URNS
49	INTERIOR OPENINGS TO BE REFINISHED REMOVING ALL EVIDENCE OF SECONDARY INTERIOR WINDOW. TYPICAL OF ALL OPENINGS.
51	NEW PAINTED EXTERIOR TONGUE & GROOVE CEILING WITH BATT INSULATION PACKED BETWEEN FRAMING MEMBERS.
52	REINSTALL EXISTING SIGNAGE WHERE INDICATED.
53	THE CONTRACTOR IS TO PROVIDE AND INSTALL A SIGNAGE PANEL. THE OWNER WILL PROVIDE THE GRAPHIC FILE FOR PRINTING.
54	CHIMNEY TO BE REBUILT. SEE STRUCTURAL DRAWINGS FOR DETAILS
55	NEW ALUMINUM CONDUCTOR HEAD, LEADER, AND SPLASHBLOCK. (COLOR TO MATCH NEW STANDING SEAM ROOF)
56	NEW ROOF MOUNTED GUARDRAIL 42" HIGH AT PERIMETER OF ROOF WITH KICKER AND BASE PLATES. INSTALL AS PER MANUFACTURERS RECOMMENDATIONS.
57	INFILL EXISTING OPENINGS WITH CONCRETE MASONRY UNITS, FLUSH WITH EXISTING ADJACENT MASONRY WALL SURFACES, INSTALL NEW TILE TO MATCH HISTORIC TILES, AT EXTERIOR.
58	NEW VENT PIPE FLASHING. (TYP.)
59	PROVIDE AND INSTALL NEW ALUMINUM CAP AND DRAINAGE PIPE TO MATCH EXISTING PARAPET COPING. NEW FLASHING ALONG EXISTING WALL AND ROOF CONNECTION. INSTALL MICRO MESH GUTTER GUARD SYSTEM.
60	INSTALL NEW STAINLESS STEEL BIRD SPIKES.(TYPICAL THROUGHOUT.)
61	REATTACH EXISTING LIGHTING TO THE SAME LOCATION AFTER REPAIRING AND PAINTING WOOD ELEMENTS.
62	NEW COLUMN TRIM TO MATCH THOSE ON DOMED TOWER. SEE ELEVATION.
63	NEW FINISHED INTERIOR WALL PAINTED TO MATCH EXISTING BEHIND THE DOOR. TEMPORARY WALL TO CONCEAL DOOR EXISTENCE TO BE REMOVED ONCE INTERIOR RENOVATIONS ARE COMPLETED AT A LATER DATE.
64	NEW ALUMINUM BUILT-IN GUTTERS & SCUPPER. (TYP. THROUGHOUT)(TO MATCH RESTORED ICE CASINO)
65	PROVIDE AND INSTALL NEW SHEET METAL DOOR SILL PAN. (TO MATCH RESTORED ICE CASINO)
66	INSTALL REPLICATED STONE BASE.
67	RESTORE EXISTING CAST STONE THEN FINISH AS INDICATED.
68	RECONSTRUCT THE WOOD PANELS INDICATED TO MATCH THE WOOD PANELS ON NORTH ADMIN BUILDING. SEE ELEVATION 4/AM-A-21.

10/15/2020 5:45:55 PM

CONSULTANT INFORMATION
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(516) 938-5476 www.liro.com

CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH P. GRANT No. 031040 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

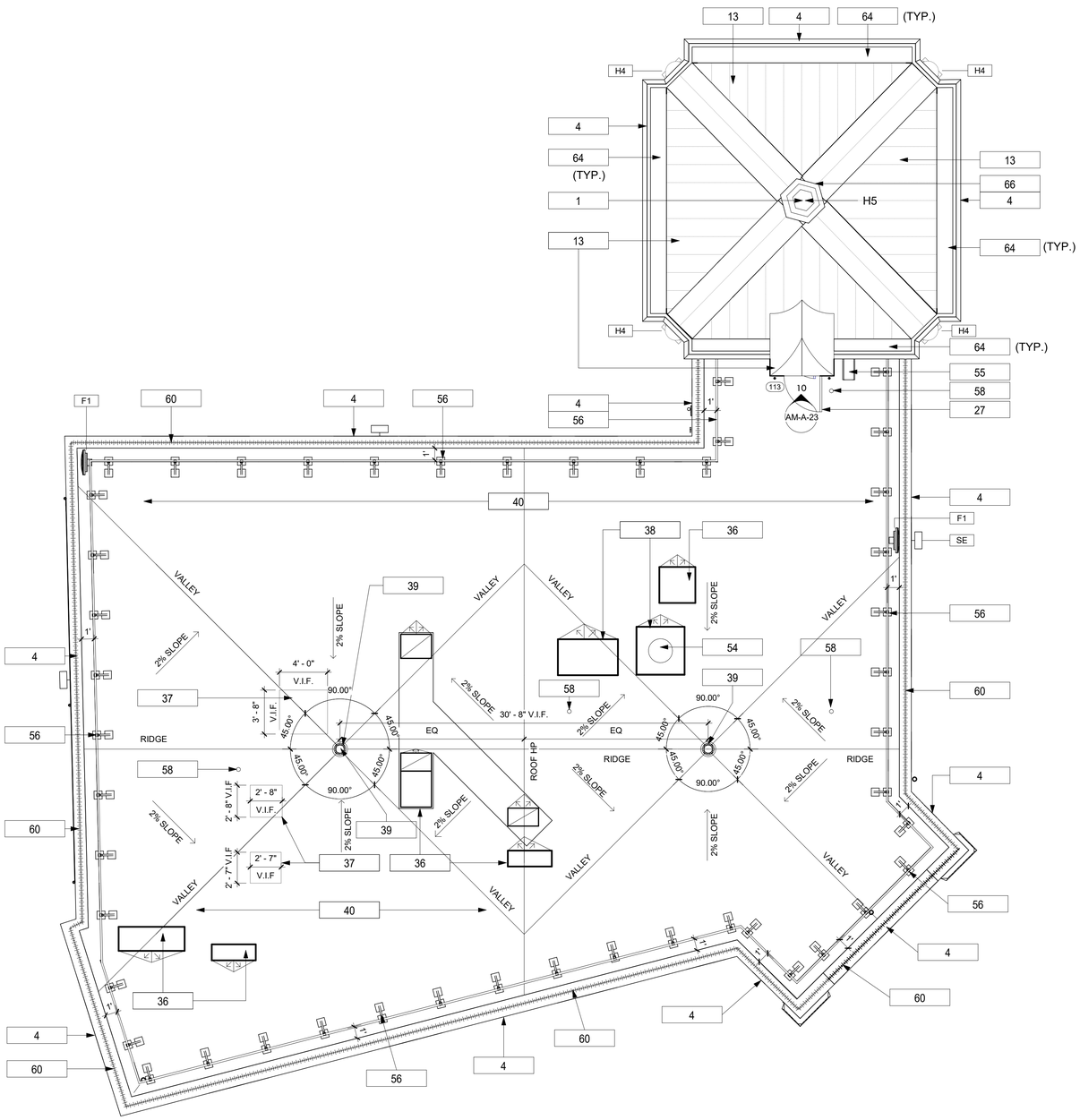
CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
2ND FLOOR CONSTRUCTION PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-A-12
DWG NO.:	Page 29 of 387
SCALE:	As indicated
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-29
REV. NO.	0



1 SOUTH ADMIN ROOF PLAN
3/16" = 1'-0"

GENERAL NOTES

1. THE ARCHITECT DOES NOT CERTIFY DIMENSIONS OR CONDITIONS OF EXISTING CONSTRUCTION. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY BETWEEN DRAWINGS AND EXISTING CONDITIONS. IN ADDITION, CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DEFECTIVE CONSTRUCTION UNCOVERED DURING CONSTRUCTION.

2. CONTRACTOR SHALL KEEP WORK SITE FREE FROM DEBRIS AND ACCUMULATED REFUSE, AND SHALL HAVE SOLE RESPONSIBILITY FOR PROTECTING ALL DANGEROUS AREAS FROM ENTRY BY UNAUTHORIZED PARTIES. ALL CONSTRUCTION SCRAPS, DIRT, AND DEBRIS SHALL BE REMOVED FROM THE PREMISES DAILY. SITE SHALL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY. AT THE COMPLETION OF THE WORK, HE PREMISES SHALL BE LEFT IN A BROOM CLEAN CONDITION.

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5.ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.

CONSTRUCTION LEGEND

1i	DOOR TAG
1i 1t TYPE MARK TYPE	WINDOW TAG
?	KEYNOTES
??	LIGHTING FIXTURE

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
1	REFURBISHED GLASS FINIAL TO MATCH EXISTING ON ADJACENT BUILDING. INSPECT ELECTRICAL SYSTEM AND REPAIR AS REQUIRED TO MEET CODE, COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH. RETROFIT LAMP SYSTEM AS PER SPECIFICATIONS.
4	NEW ALUMINUM SHEET METAL COPING. (TO MATCH RESTORED ICE CASINO)
5	COAT ENTIRE STUCCO FACADE WITH NEW FINISH COATING AND TWO COATS OF FINISH PAINT.
7	PATCH AND REPAIR EXISTING DAMAGED STUCCO TO MATCH AND ALIGN WITH EXISTING ADJACENT.
11	REPLACE MISSING, CRACKED AND/OR STAINED CERAMIC TILES TO MATCH ORIGINAL. CLEAN AND REGROUT TILE JOINTS. (TYP OF ALL BAYS.)
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10/15/2020 5:45:56 PM

CONSULTANT INFORMATION

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(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH P. GRANT NO. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
ROOF CONSTRUCTION PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-A-13
DWG NO.:	Page 30 of 387
SCALE:	As indicated
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-30
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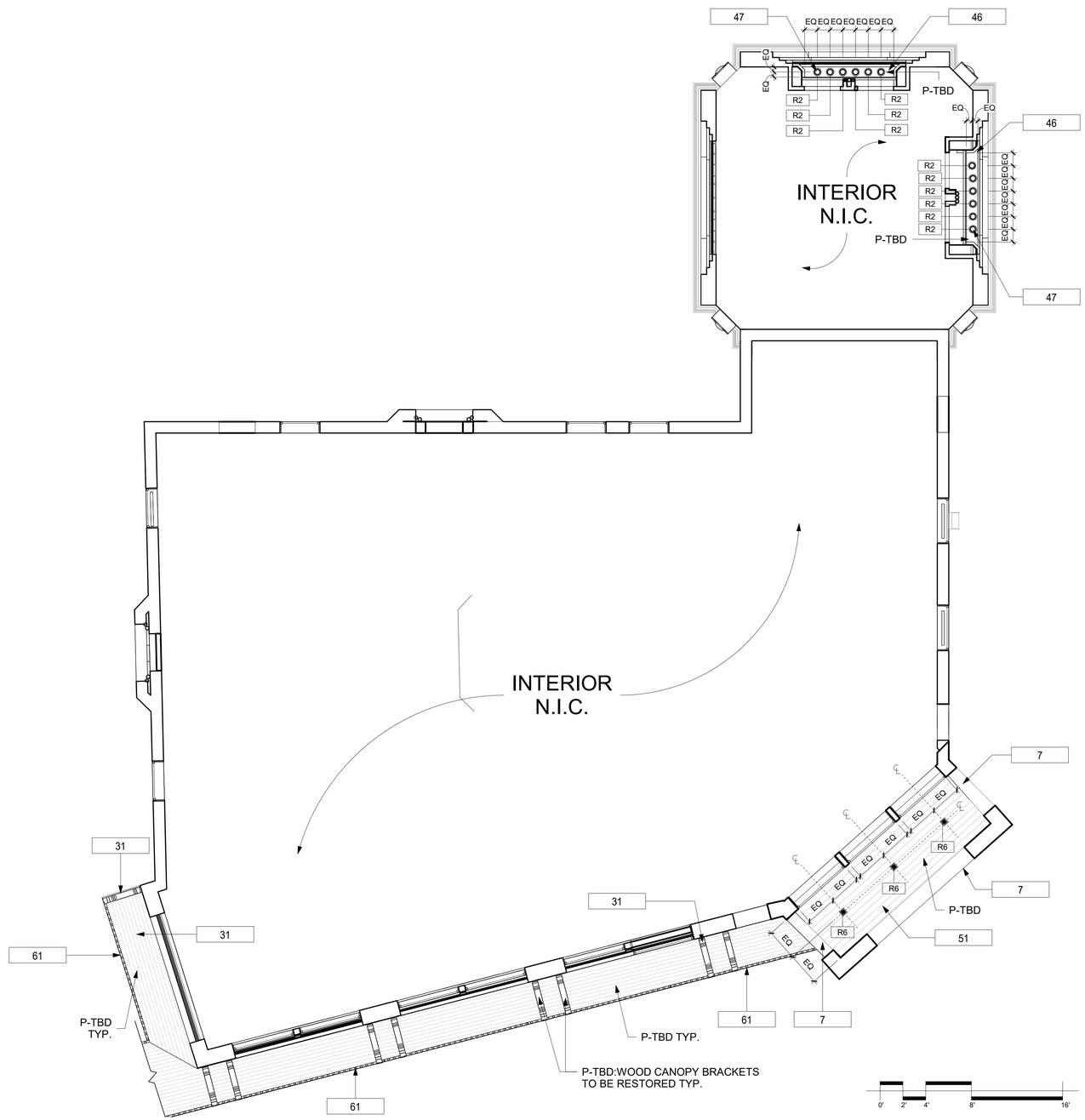

1 RCP - GROUND FLOOR ENTRY
3/16" = 1'-0"

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REFLECTED CEILING PLAN LEGEND

?	KEYNOTES
---------℄	CENTERLINE
P-#	PAINT FINISH. SEE SHEET AM-A-63 SEE FOR DETAILS
◎	R-2 EXTERIOR RECESSED CAN IN SOFFIT
▣	R-6 SQUARE RECESSED FIXTURE (PORCH CEILING)

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
1	REFURBISHED GLASS FINIAL TO MATCH EXISTING ON ADJACENT BUILDING. INSPECT ELECTRICAL SYSTEM AND REPAIR AS REQUIRED TO MEET CODE, COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH. RETROFIT LAMP SYSTEM AS PER SPECIFICATIONS.
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10/15/2020 5:45:57 PM

CONSULTANT INFORMATION
The LiRo Group
3 Aerial Way, Syosset, New York 11791
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CONSULTANT SEAL
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NAME
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TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
GROUND FLOOR- REFLECTED CEILING CONSTRUCTION PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-A-14
DWG NO.:	Page 31 of 387
SCALE:	As indicated
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-31
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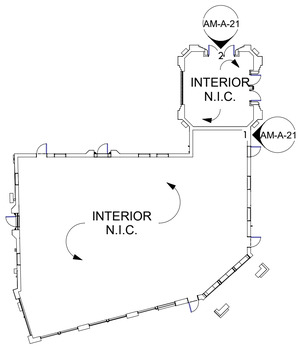
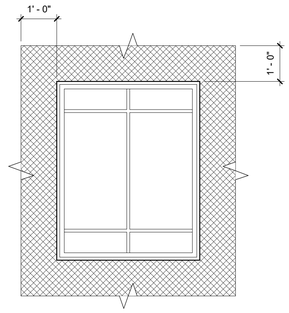
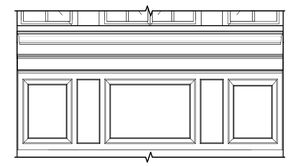


ADMINISTRATION BUILDING CONSTRUCTION
KEY PLAN AM-A-21

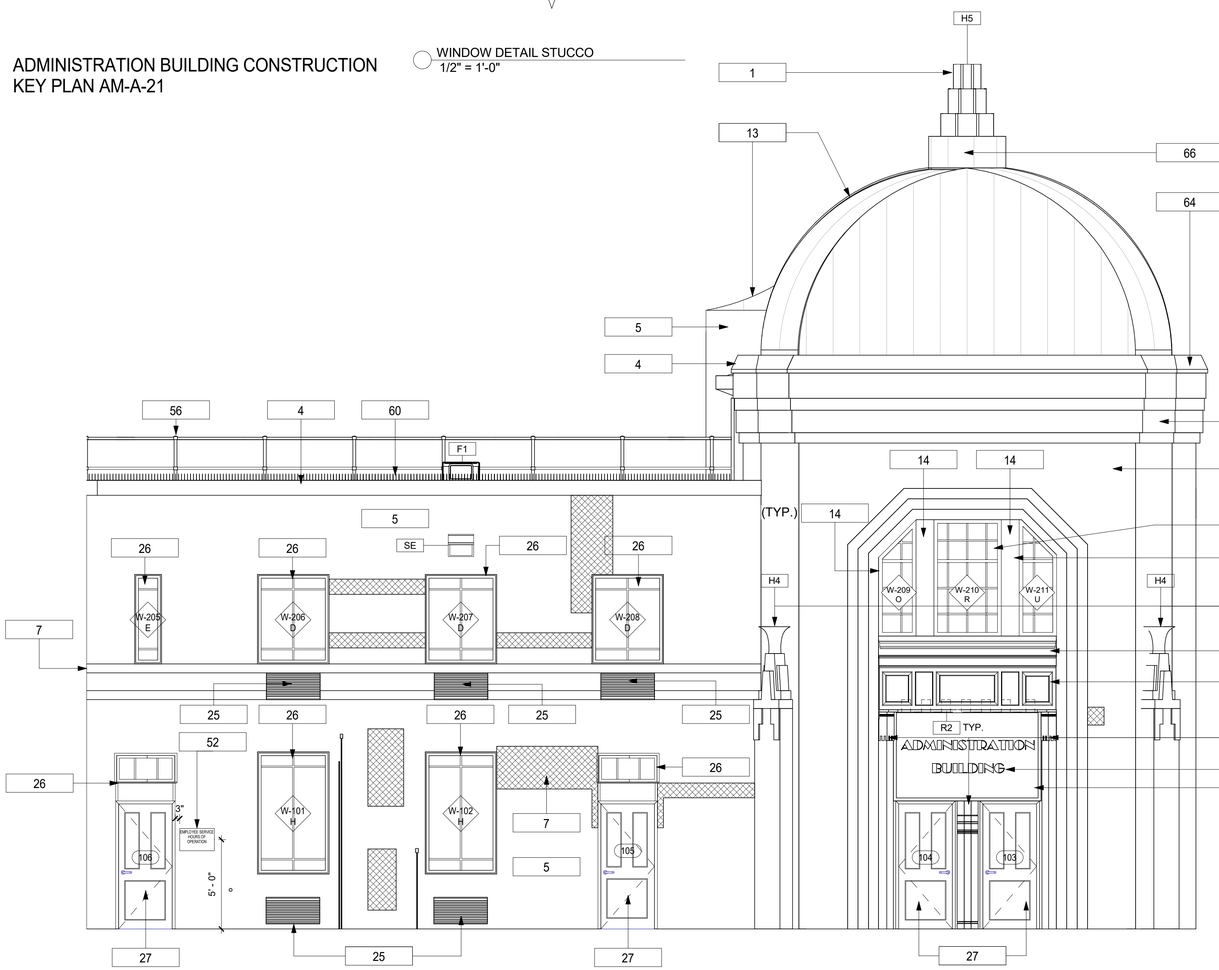
NOTE:
STUCCO 1'-0" FROM WINDOW PERIMETER TO BE PATCHED/REPAIRED. TYPICAL AT ALL WINDOWS OPENINGS.



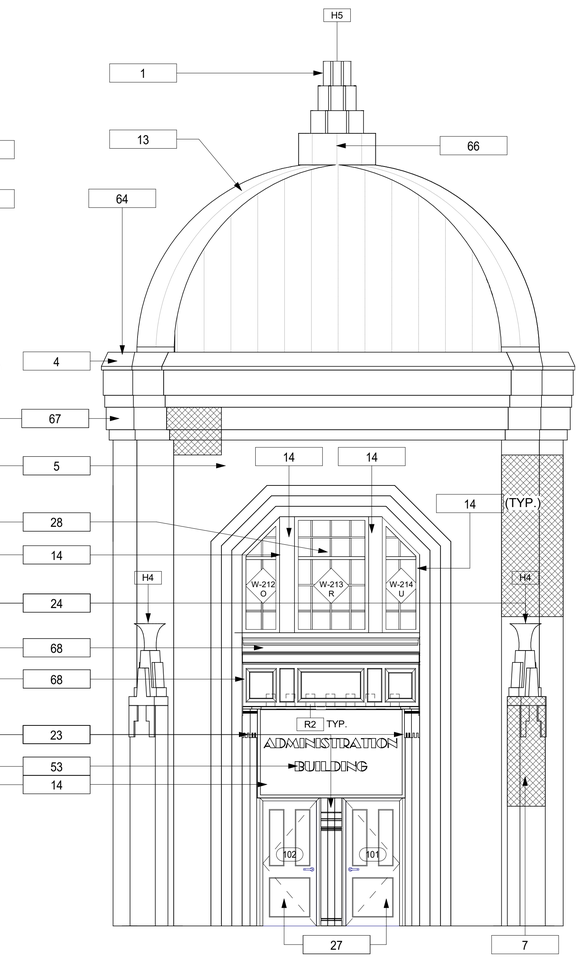
WINDOW DETAIL STUCCO
1/2" = 1'-0"



4 DOMED TOWER WOOD PANELS
3/8" = 1'-0"



1 PROPOSED EXTERIOR ELEVATION- 1
1/4" = 1'-0"



2 PROPOSED EXTERIOR ELEVATION-2
1/4" = 1'-0"

0' 2' 4' 8' 16'

GENERAL NOTES

1. THE ARCHITECT DOES NOT CERTIFY DIMENSIONS OR CONDITIONS OF EXISTING CONSTRUCTION. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY BETWEEN DRAWINGS AND EXISTING CONDITIONS. IN ADDITION, CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DEFECTIVE CONSTRUCTION UNCOVERED DURING CONSTRUCTION.
2. CONTRACTOR SHALL KEEP WORK SITE FREE FROM DEBRIS AND ACCUMULATED REFUSE, AND SHALL HAVE SOLE RESPONSIBILITY FOR PROTECTING ALL DANGEROUS AREAS FROM ENTRY BY UNAUTHORIZED PARTIES. ALL CONSTRUCTION SCRAPS, DIRT, AND DEBRIS SHALL BE REMOVED FROM THE PREMISES DAILY. SITE SHALL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY. AT THE COMPLETION OF THE WORK, HE PREMISES SHALL BE LEFT IN A BROOM CLEAN CONDITION.
3. ALL WORK TO BE PERFORMED IN A WORKMANLIKE FASHION. MATERIALS UTILIZED SHALL BE AS SPECIFIED ON THE DRAWINGS OR IN THE JOB SPECIFICATIONS, OR, IF GENERIC, IN COMPLIANCE WITH ASTM, NEW YORK CODE, OR OTHER GENERALLY ACCEPTED STANDARDS.
4. WHERE EXISTING EQUIPMENT OR CONSTRUCTION IS REMOVED OR ALTERED, ALL REMAINING SURFACES AND FINISHES AFFECTED SHALL BE PATCHED AND FINISHED TO MATCH ADJACENT CONSTRUCTION/PRE-EXISTING CONDITION.
5. ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.
6. ALL INFILLED OPENINGS TO BE FLUSH WITH EXISTING MASONRY WALL SURFACES, EXTERIOR OF NEW AND OLD TO BE FLUSH AND MATCH WITH EXISTING ADJACENT WALL SYSTEM.

CONSTRUCTION LEGEND

	INDICATES STUCCO PATCH/REPAIR
1i	DOOR TAG
TYPE MARK / TYPE	WINDOW TAG
?	KEYNOTES
	SE EXTERIOR SECURITY LIGHT
	H-4 EXTERIOR REFURBISHED TORCHIERE
	R-2 RECESSED CAN FIXTURE
	H-5 EXTERIOR REFURBISHED FINIAL DOME

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
1	REFURBISHED GLASS FINIAL TO MATCH EXISTING ON ADJACENT BUILDING. INSPECT ELECTRICAL SYSTEM AND REPAIR AS REQUIRED TO MEET CODE, COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH. RETROFIT LAMP SYSTEM AS PER SPECIFICATIONS.
4	NEW ALUMINUM SHEET METAL COPING. (TO MATCH RESTORED ICE CASINO)
5	COAT ENTIRE STUCCO FACADE WITH NEW FINISH COATING AND TWO COATS OF FINISH PAINT.
7	PATCH AND REPAIR EXISTING DAMAGED STUCCO TO MATCH AND ALIGN WITH EXISTING ADJACENT.
11	REPLACE MISSING, CRACKED AND/OR STAINED CERAMIC TILES TO MATCH ORIGINAL. CLEAN AND REGROUT TILE JOINTS. (TYP OF ALL BAYS.)
13	NEW ALUMINUM STANDING SEAM ROOF, BUILT IN GUTTERS, COPING, AND FLASHING. (TO MATCH RESTORED ICE CASINO)
14	EXTERIOR WOOD POST,TRIM, AND PANEL TO BE PATCHED, REPAIRED/REFURBISHED AS REQUIRED THROUGHOUT (TYP.)
23	EXISTING COLUMNS TO BE REFURBISH AS NEEDED AND REPAINTED ACCORDING TO HISTORIC BOAT HOUSE COLOR SCHEME
24	ALL TORCHIERES TO BE RESTORED WITH NEW LIGHTING. SEE ELECTRICAL DRAWINGS.
25	MECHANICAL EQUIPMENT LOUVER TO BE REPLACED, CAULK PERIMETER AND PAINT AS INDICATED. (TYPICAL THROUGHOUT)
26	NEW WINDOW SET IN EXISTING OPENING. REFER TO SCHEDULE FOR MORE DETAILS. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT). REINSTALL RESTORED WINDOW TRIM.
27	NEW DOOR SET IN EXISTING OPENING. REFER TO SCHEDULE FOR MORE DETAILS. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT)
28	STEEL WINDOWS TO BE REPLACED TO MATCH HISTORIC. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT). REINSTALL RESTORED WINDOW TRIM.
29	ALL EXISTING TRIM TO BE REPAIRED AND REPAINTED.
30	NEW TILE ROOFING AT CANOPY TO MATCH RESTORED BATH HOUSE. WOOD TO BE RESTORED/REFURBISHED AS REQUIRED THROUGHOUT. INSTALL NEW FLASHING (TYPICAL THROUGHOUT)
31	WOOD CANOPY FRAMING, UNDERSIDE, AND BRACKETS TO BE RESTORED (TYPICAL THROUGHOUT.)
32	NEW DOOR WITH TRIM. PAINTED LOUVER TO BE OPERATIONAL ABOVE DOOR TRIM FOR EXISTING EQUIPMENT BEYOND WALL. FIX THE DOOR CLOSED. PUT A PIECE OF PLYWOOD OVER THE OPAQUE BLACK GLASS ON THE INSIDE. SIMILAR TO COLUMN TRIM FROM BETWEEN THE DOOR ON THE DOME TOWER, SEE ELEVATION. REFER TO SCHEDULE FOR MORE DETAILS. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT.)
34	INFILL AT ARCHWAY TO RESTORE ORIGINAL HISTORIC CONFIGURATION.
36	EXISTING ROOFTOP UNITS TO BE COORDINATED WITH OWNER.
37	CLOSE SKYLIGHT OPENINGS. PROVIDE FRAMING (MIN 2X6, 16" O.C. WITH JOIST HANGERS AND ALL REQUIRED ACCESSORIES. 3/4" PLYWOOD SHEATHING FLUSH WITH ADJACENT ROOF SURFACE (TYP.)
38	REPAIR AND RESTORE EXISTING CHIMNEY AND VENTILATION PENTHOUSE.
39	NEW ROOF DRAIN ASSEMBLY AT EXISTING LOCATION. REPAIR EXISTING LEAKS AS REQUIRED.
40	NEW ROOFING SYSTEM. COLD APPLIED 3PLY SBS MODIFIED BITUMINOUS ROOFING WITH MIN. 2% POSITIVE DRAINAGE TO NEW ROOF DRAINS.
42	NEW WINDOW. SEE WINDOW SCHEDULE.
45	NEW TILE TO MATCH EXISTING HISTORIC TILE.
46	NEW EXTERIOR CEILING.
47	NEW RECESSED CAN LIGHTING
48	RE-INSTALL RESTORED URNS
49	INTERIOR OPENINGS TO BE REFINISHED REMOVING ALL EVIDENCE OF SECONDARY INTERIOR WINDOW. TYPICAL OF ALL OPENINGS.
51	NEW PAINTED EXTERIOR TONGUE & GROOVE CEILING WITH BATT INSULATION PACKED BETWEEN FRAMING MEMBERS.
52	REINSTALL EXISTING SIGNAGE WHERE INDICATED.
53	THE CONTRACTOR IS TO PROVIDE AND INSTALL A SIGNAGE PANEL. THE OWNER WILL PROVIDE THE GRAPHIC FILE FOR PRINTING.
54	CHIMNEY TO BE REBUILT. SEE STRUCTURAL DRAWINGS FOR DETAILS
55	NEW ALUMINUM CONDUCTOR HEAD, LEADER, AND SPLASHBLOCK. (COLOR TO MATCH NEW STANDING SEAM ROOF)
56	NEW ROOF MOUNTED GUARDRAIL 42" HIGH AT PERIMETER OF ROOF WITH KICKER AND BASE PLATES. INSTALL AS PER MANUFACTURERS RECOMMENDATIONS.
57	INFILL EXISTING OPENINGS WITH CONCRETE MASONRY UNITS, FLUSH WITH EXISTING ADJACENT MASONRY WALL SURFACES, INSTALL NEW TILE TO MATCH HISTORIC TILES, AT EXTERIOR.
58	NEW VENT PIPE FLASHING. (TYP.)
59	PROVIDE AND INSTALL NEW ALUMINUM CAP AND DRAINAGE PIPE TO MATCH EXISTING PARAPET COPING. NEW FLASHING ALONG EXISTING WALL AND ROOF CONNECTION. INSTALL MICRO MESH GUTTER GUARD SYSTEM.
60	INSTALL NEW STAINLESS STEEL BIRD SPIKES.(TYPICAL THROUGHOUT.)
61	REATTACH EXISTING LIGHTING TO THE SAME LOCATION AFTER REPAIRING AND PAINTING WOOD ELEMENTS.
62	NEW COLUMN TRIM TO MATCH THOSE ON DOMED TOWER. SEE ELEVATION.
63	NEW FINISHED INTERIOR WALL PAINTED TO MATCH EXISTING BEHIND THE DOOR. TEMPORARY WALL TO CONCEAL DOOR EXISTENCE TO BE REMOVED ONCE INTERIOR RENOVATIONS ARE COMPLETED AT A LATER DATE.
64	NEW ALUMINUM BUILT-IN GUTTERS & SCUPPER. (TYP. THROUGHOUT)(TO MATCH RESTORED ICE CASINO)
65	PROVIDE AND INSTALL NEW SHEET METAL DOOR SILL PAN. (TO MATCH RESTORED ICE CASINO)
66	INSTALL REPLICATED STONE BASE.
67	RESTORE EXISTING CAST STONE THEN FINISH AS INDICATED.
68	RECONSTRUCT THE WOOD PANELS INDICATED TO MATCH THE WOOD PANELS ON NORTH ADMIN BUILDING. SEE ELEVATION 4/AM-A-21.

10/15/2020 5:45:57 PM

CONSULTANT INFORMATION
The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH P. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

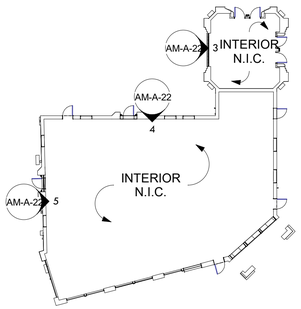
CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

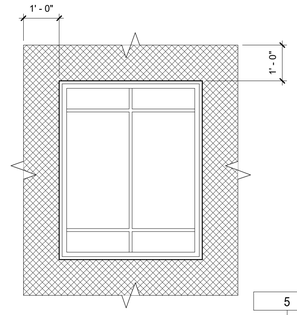
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
EXTERIOR CONSTRUCTION ELEVATION

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-A-21
DWG NO.:	Page 32 of 387
SCALE:	As indicated
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-32
REV. NO.	0



ADMINISTRATION BUILDING CONSTRUCTION
KEY PLAN AM-A-22

NOTE:
STUCCO 1'-0" FROM WINDOW PERIMETER TO BE PATCHED/REPAIRED. TYPICAL AT ALL WINDOWS OPENINGS.

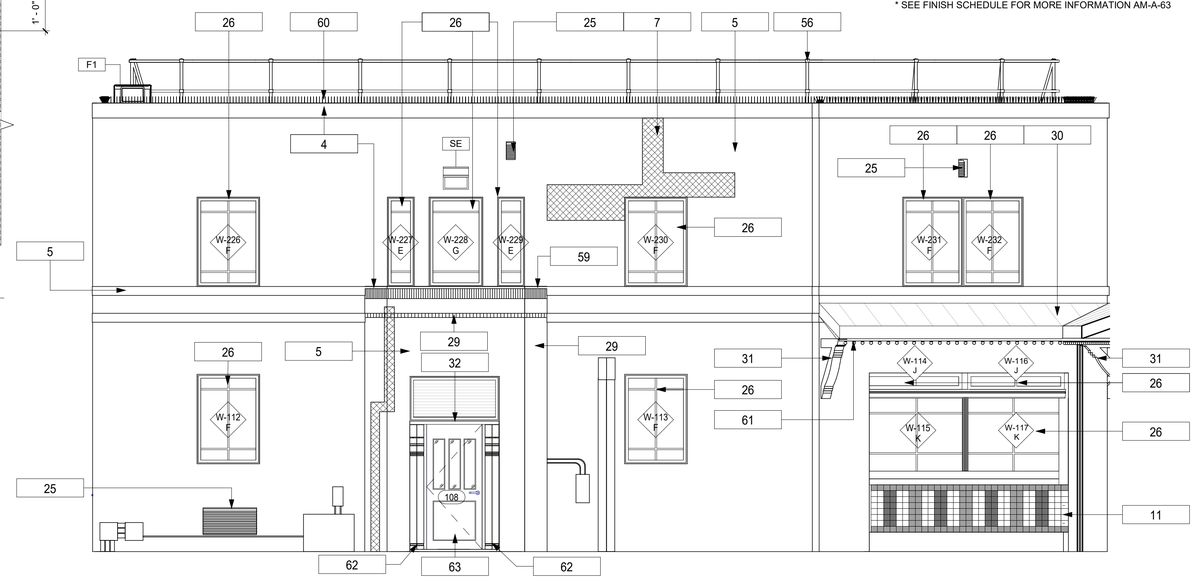


WINDOW DETAIL STUCCO
1/2" = 1'-0"

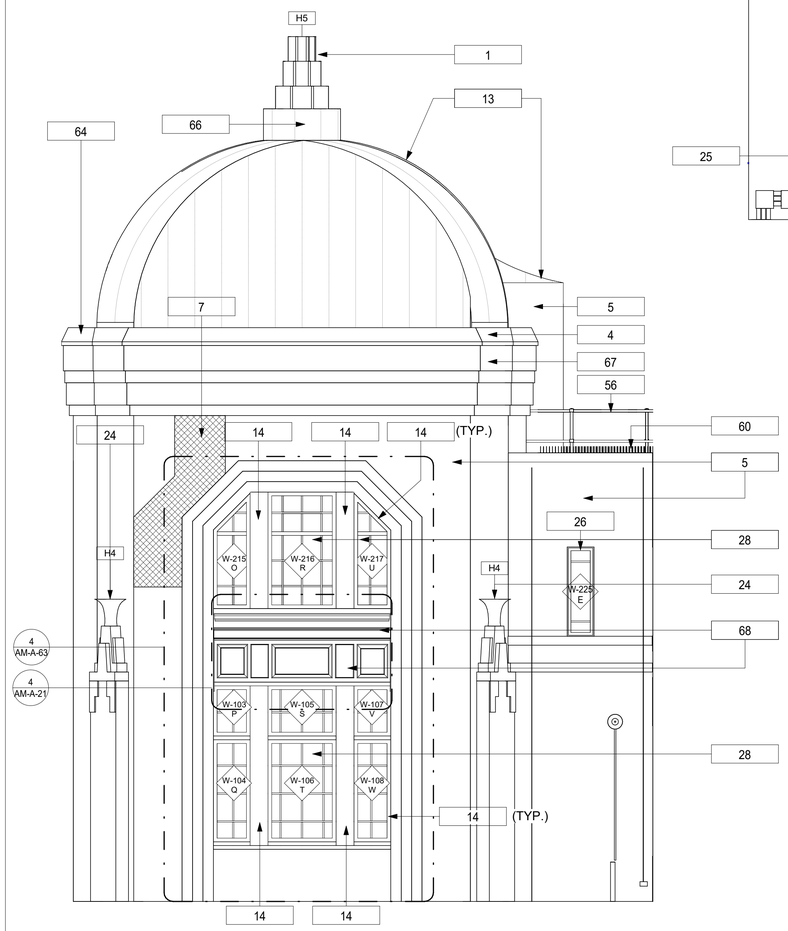
TILE LAYOUT LEGEND

- T-1: RED TILE
- T-2: CREAM TILE
- T-3: BLACK TILE

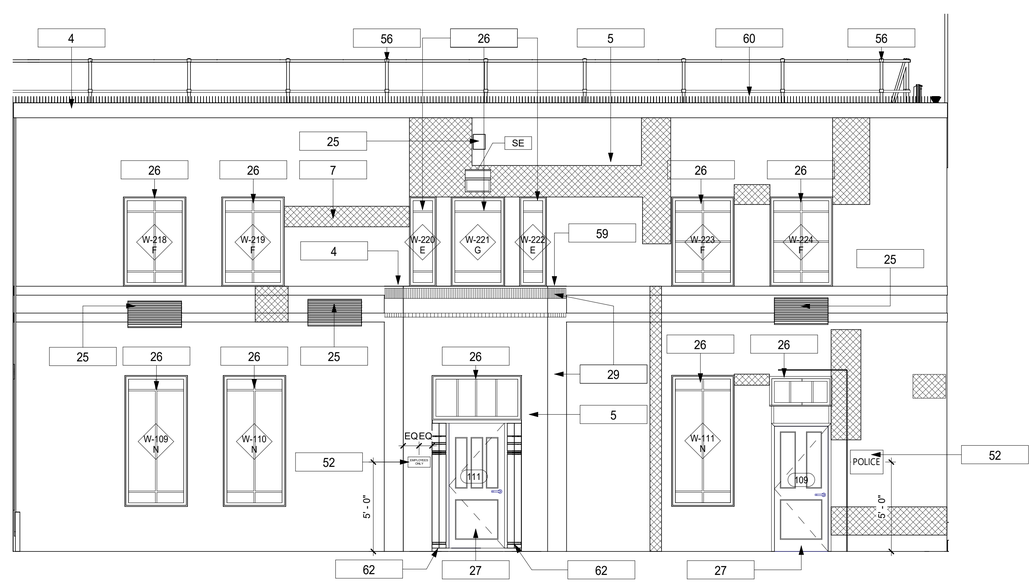
* SEE FINISH SCHEDULE FOR MORE INFORMATION AM-A-63



5 PROPOSED EXTERIOR ELEVATION- 5
1/4" = 1'-0"



3 PROPOSED EXTERIOR ELEVATION- 3
1/4" = 1'-0"



4 PROPOSED EXTERIOR ELEVATION- 4
1/4" = 1'-0"

0' 2' 4' 8' 16'

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CONSTRUCTION LEGEND

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- 1i — DOOR TAG
- TYPE MARK / TYPE — WINDOW TAG
- ? — KEYNOTES
- SE EXTERIOR SECURITY LIGHT
- H-4 EXTERIOR REFURBISHED TORCHIERE
- R-2 RECESSED CAN FIXTURE
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67	RESTORE EXISTING CAST STONE THEN FINISH AS INDICATED.
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CONSULTANT INFORMATION
The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH P. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

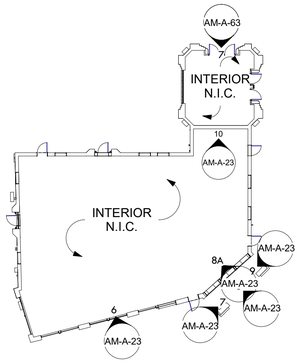
CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

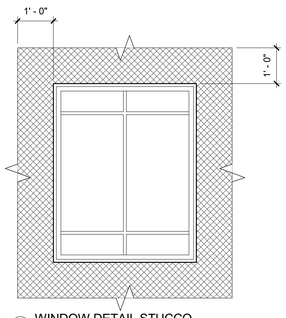
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
EXTERIOR CONSTRUCTION ELEVATION

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-A-22
DWG NO.:	Page 33 of 387
SCALE:	As indicated
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-33
REV. NO.	0

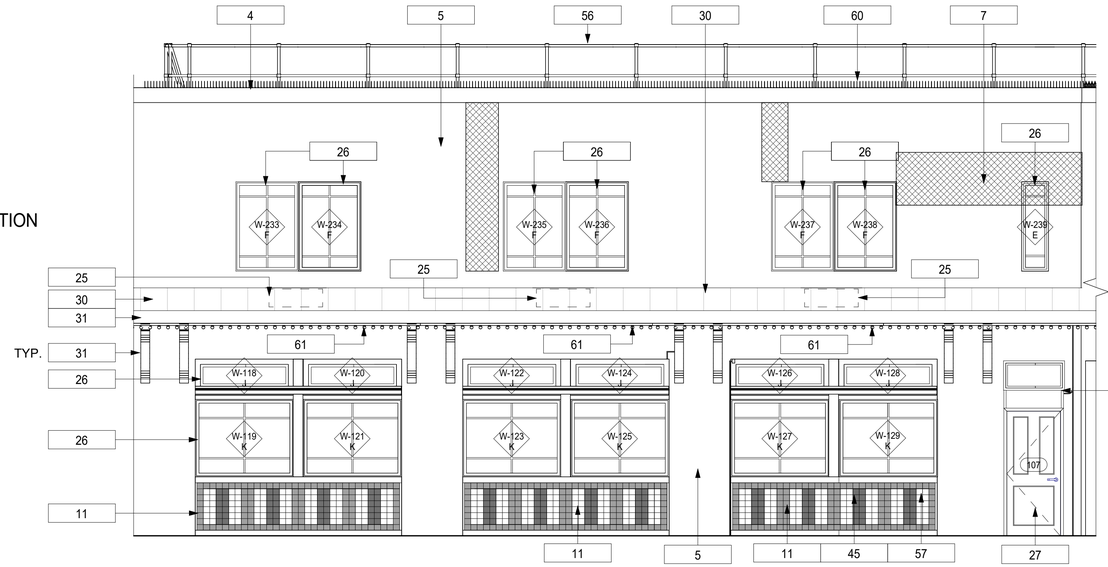


ADMINISTRATION BUILDING CONSTRUCTION
KEY PLAN AM-A-23

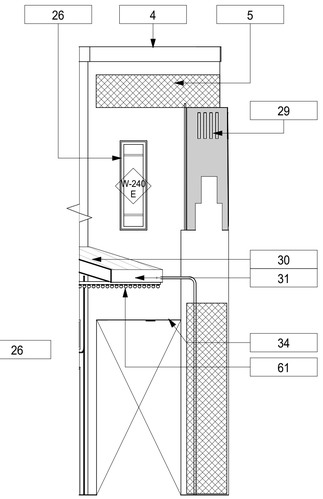
NOTE:
STUCCO 1'-0" FROM WINDOW PERIMETER TO BE PATCHED/REPAIRED. TYPICAL AT ALL WINDOWS OPENINGS.



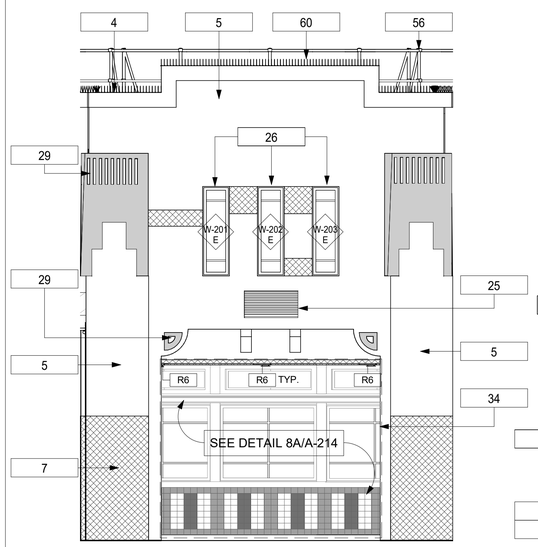
WINDOW DETAIL STUCCO
1/2" = 1'-0"



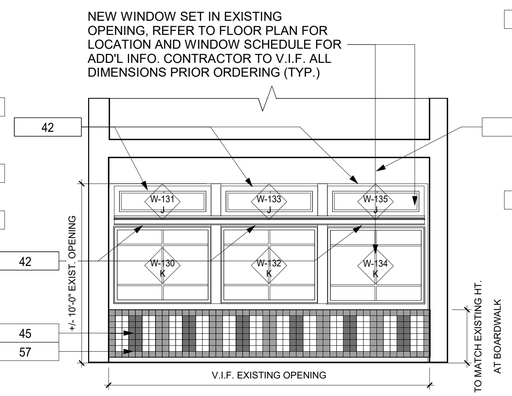
6 PROPOSED EXTERIOR ELEVATION- 6
1/4" = 1'-0"



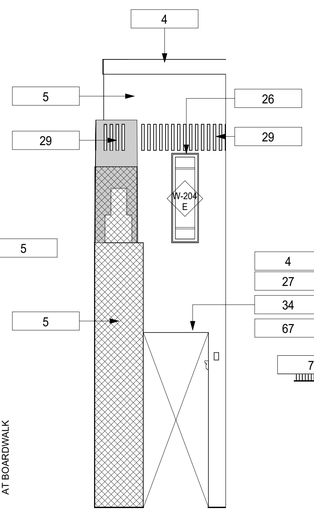
7 PROPOSED EXTERIOR ELEVATION- 7
1/4" = 1'-0"



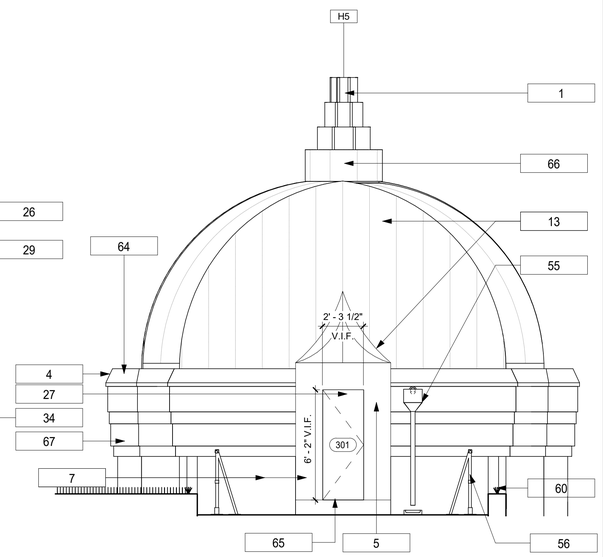
8 PROPOSED EXTERIOR ELEVATION- 8
1/4" = 1'-0"



8A PROPOSED EXTERIOR ELEVATION- 8A
1/4" = 1'-0"



9 PROPOSED EXTERIOR ELEVATION- 9
1/4" = 1'-0"



10 PROPOSED EXTERIOR ELEVATION- 10
1/4" = 1'-0"

0' 2' 4' 8' 16'

TILE LAYOUT LEGEND

- T-1: RED TILE
- T-2: CREAM TILE
- T-3: BLACK TILE

* SEE FINISH SCHEDULE FOR MORE INFORMATION AM-A-63

GENERAL NOTES

1. THE ARCHITECT DOES NOT CERTIFY DIMENSIONS OR CONDITIONS OF EXISTING CONSTRUCTION. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY BETWEEN DRAWINGS AND EXISTING CONDITIONS. IN ADDITION, CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DEFECTIVE CONSTRUCTION UNCOVERED DURING CONSTRUCTION.
2. CONTRACTOR SHALL KEEP WORK SITE FREE FROM DEBRIS AND ACCUMULATED REFUSE, AND SHALL HAVE SOLE RESPONSIBILITY FOR PROTECTING ALL DANGEROUS AREAS FROM ENTRY BY UNAUTHORIZED PARTIES. ALL CONSTRUCTION SCRAPS, DIRT, AND DEBRIS SHALL BE REMOVED FROM THE PREMISES DAILY. SITE SHALL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY. AT THE COMPLETION OF THE WORK, HE PREMISES SHALL BE LEFT IN A BROOM CLEAN CONDITION.
3. ALL WORK TO BE PERFORMED IN A WORKMANLIKE FASHION. MATERIALS UTILIZED SHALL BE AS SPECIFIED ON THE DRAWINGS OR IN THE JOB SPECIFICATIONS, OR, IF GENERIC, IN COMPLIANCE WITH ASTM, NEW YORK CODE, OR OTHER GENERALLY ACCEPTED STANDARDS.
4. WHERE EXISTING EQUIPMENT OR CONSTRUCTION IS REMOVED OR ALTERED, ALL REMAINING SURFACES AND FINISHES AFFECTED SHALL BE PATCHED AND FINISHED TO MATCH ADJACENT CONSTRUCTION/PRE-EXISTING CONDITION.
5. ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.
6. ALL INFILLED OPENINGS TO BE FLUSH WITH EXISTING MASONRY WALL SURFACES, EXTERIOR OF NEW AND OLD TO BE FLUSH AND MATCH WITH EXISTING ADJACENT WALL SYSTEM.

CONSTRUCTION LEGEND

- INDICATES STUCCO PATCH/REPAIR
- 1i — DOOR TAG
- 1/11 TYPE MARK TYPE — WINDOW TAG
- ? — KEYNOTES
- SE EXTERIOR SECURITY LIGHT
- H-4 EXTERIOR REFURBISHED TORCHIERE
- R-2 RECESSED CAN FIXTURE
- H-5 EXTERIOR REFURBISHED FINIAL DOME

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
1	REFURBISHED GLASS FINIAL TO MATCH EXISTING ON ADJACENT BUILDING. INSPECT ELECTRICAL SYSTEM AND REPAIR AS REQUIRED TO MEET CODE, COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH. RETROFIT LAMP SYSTEM AS PER SPECIFICATIONS.
4	NEW ALUMINUM SHEET METAL COPING. (TO MATCH RESTORED ICE CASINO)
5	COAT ENTIRE STUCCO FACADE WITH NEW FINISH COATING AND TWO COATS OF FINISH PAINT.
7	PATCH AND REPAIR EXISTING DAMAGED STUCCO TO MATCH AND ALIGN WITH EXISTING ADJACENT.
11	REPLACE MISSING, CRACKED AND/OR STAINED CERAMIC TILES TO MATCH ORIGINAL. CLEAN AND REGROUT TILE JOINTS. (TYP OF ALL BAYS.)
13	NEW ALUMINUM STANDING SEAM ROOF, BUILT IN GUTTERS, COPING, AND FLASHING. (TO MATCH RESTORED ICE CASINO)
14	EXTERIOR WOOD POST,TRIM, AND PANEL TO BE PATCHED, REPAIRED/REFURBISHED AS REQUIRED THROUGHOUT (TYP.)
23	EXISTING COLUMNS TO BE REFURBISH AS NEEDED AND REPAINTED ACCORDING TO HISTORIC BOAT HOUSE COLOR SCHEME
24	ALL TORCHIERES TO BE RESTORED WITH NEW LIGHTING. SEE ELECTRICAL DRAWINGS.
25	MECHANICAL EQUIPMENT LOUVER TO BE REPLACED, CAULK PERIMETER AND PAINT AS INDICATED. (TYPICAL THROUGHOUT)
26	NEW WINDOW SET IN EXISTING OPENING. REFER TO SCHEDULE FOR MORE DETAILS. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT). REINSTALL RESTORED WINDOW TRIM.
27	NEW DOOR SET IN EXISTING OPENING. REFER TO SCHEDULE FOR MORE DETAILS. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT)
28	STEEL WINDOWS TO BE REPLACED TO MATCH HISTORIC. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT). REINSTALL RESTORED WINDOW TRIM.
29	ALL EXISTING TRIM TO BE REPAIRED AND REPAINTED.
30	NEW TILE ROOFING AT CANOPY TO MATCH RESTORED BATH HOUSE. WOOD TO BE RESTORED/REFURBISHED AS REQUIRED THROUGHOUT. INSTALL NEW FLASHING (TYPICAL THROUGHOUT)
31	WOOD CANOPY FRAMING, UNDERSIDE, AND BRACKETS TO BE RESTORED (TYPICAL THROUGHOUT.)
32	NEW DOOR WITH TRIM. PAINTED LOUVER TO BE OPERATIONAL ABOVE DOOR TRIM FOR EXISTING EQUIPMENT BEYOND WALL. FIX THE DOOR CLOSED. PUT A PIECE OF PLYWOOD OVER THE OPAQUE BLACK GLASS ON THE INSIDE. SIMILAR TO COLUMN TRIM FROM BETWEEN THE DOOR ON THE DOME TOWER, SEE ELEVATION. REFER TO SCHEDULE FOR MORE DETAILS. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT.)
34	INFILL AT ARCHWAY TO RESTORE ORIGINAL HISTORIC CONFIGURATION.
36	EXISTING ROOFTOP UNITS TO BE COORDINATED WITH OWNER.
37	CLOSE SKYLIGHT OPENINGS. PROVIDE FRAMING (MIN 2X6, 16" O.C. WITH JOIST HANGERS AND ALL REQUIRED ACCESSORIES. 3/4" PLYWOOD SHEATHING FLUSH WITH ADJACENT ROOF SURFACE (TYP.)
38	REPAIR AND RESTORE EXISTING CHIMNEY AND VENTILATION PENTHOUSE.
39	NEW ROOF DRAIN ASSEMBLY AT EXISTING LOCATION. REPAIR EXISTING LEAKS AS REQUIRED.
40	NEW ROOFING SYSTEM. COLD APPLIED 3PLY SBS MODIFIED BITUMINOUS ROOFING WITH MIN. 2% POSITIVE DRAINAGE TO NEW ROOF DRAINS.
42	NEW WINDOW. SEE WINDOW SCHEDULE.
45	NEW TILE TO MATCH EXISTING HISTORIC TILE.
46	NEW EXTERIOR CEILING.
47	NEW RECESSED CAN LIGHTING
48	RE-INSTALL RESTORED URNS
49	INTERIOR OPENINGS TO BE REFINISHED REMOVING ALL EVIDENCE OF SECONDARY INTERIOR WINDOW. TYPICAL OF ALL OPENINGS.
51	NEW PAINTED EXTERIOR TONGUE & GROOVE CEILING WITH BATT INSULATION PACKED BETWEEN FRAMING MEMBERS.
52	REINSTALL EXISTING SIGNAGE WHERE INDICATED.
53	THE CONTRACTOR IS TO PROVIDE AND INSTALL A SIGNAGE PANEL. THE OWNER WILL PROVIDE THE GRAPHIC FILE FOR PRINTING.
54	CHIMNEY TO BE REBUILT. SEE STRUCTURAL DRAWINGS FOR DETAILS
55	NEW ALUMINUM CONDUCTOR HEAD, LEADER, AND SPLASHBLOCK. (COLOR TO MATCH NEW STANDING SEAM ROOF)
56	NEW ROOF MOUNTED GUARDRAIL 42" HIGH AT PERIMETER OF ROOF WITH KICKER AND BASE PLATES. INSTALL AS PER MANUFACTURERS RECOMMENDATIONS.
57	INFILL EXISTING OPENINGS WITH CONCRETE MASONRY UNITS, FLUSH WITH EXISTING ADJACENT MASONRY WALL SURFACES, INSTALL NEW TILE TO MATCH HISTORIC TILES, AT EXTERIOR.
58	NEW VENT PIPE FLASHING. (TYP.)
59	PROVIDE AND INSTALL NEW ALUMINUM CAP AND DRAINAGE PIPE TO MATCH EXISTING PARAPET COPING. NEW FLASHING ALONG EXISTING WALL AND ROOF CONNECTION. INSTALL MICRO MESH GUTTER GUARD SYSTEM.
60	INSTALL NEW STAINLESS STEEL BIRD SPIKES.(TYPICAL THROUGHOUT.)
61	REATTACH EXISTING LIGHTING TO THE SAME LOCATION AFTER REPAIRING AND PAINTING WOOD ELEMENTS.
62	NEW COLUMN TRIM TO MATCH THOSE ON DOMED TOWER. SEE ELEVATION.
63	NEW FINISHED INTERIOR WALL PAINTED TO MATCH EXISTING BEHIND THE DOOR. TEMPORARY WALL TO CONCEAL DOOR EXISTENCE TO BE REMOVED ONCE INTERIOR RENOVATIONS ARE COMPLETED AT A LATER DATE.
64	NEW ALUMINUM BUILT-IN GUTTERS & SCUPPER. (TYP. THROUGHOUT)(TO MATCH RESTORED ICE CASINO)
65	PROVIDE AND INSTALL NEW SHEET METAL DOOR SILL PAN. (TO MATCH RESTORED ICE CASINO)
66	INSTALL REPLICATED STONE BASE.
67	RESTORE EXISTING CAST STONE THEN FINISH AS INDICATED.
68	RECONSTRUCT THE WOOD PANELS INDICATED TO MATCH THE WOOD PANELS ON NORTH ADMIN BUILDING. SEE ELEVATION 4/AM-A-21.

10/15/2020 5:46:00 PM

CONSULTANT INFORMATION
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CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

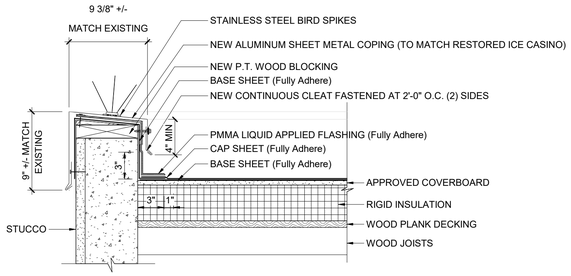
CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

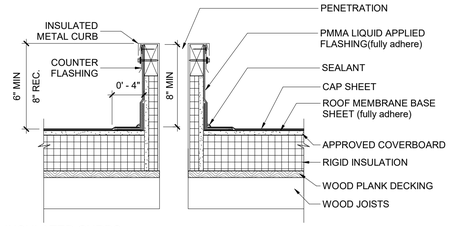
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
EXTERIOR CONSTRUCTION ELEVATION

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-A-23
DWG NO.:	Page 34 of 387
SCALE:	As indicated
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-34
REV. NO.	0



1 PARAPET WITH COPING
1 1/2" = 1'-0"



2 INSULATED CURBS
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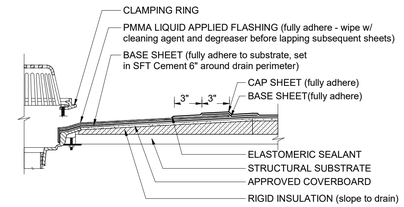
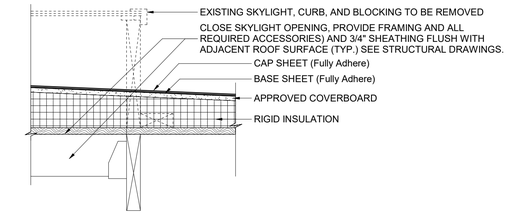
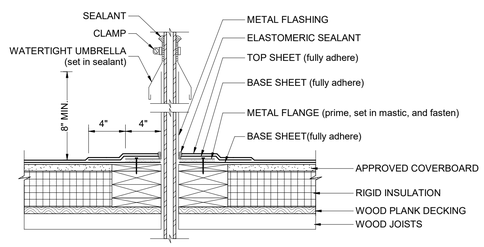


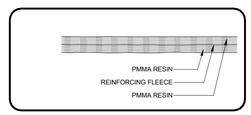
3 ROOF DRAIN
1 1/2" = 1'-0"



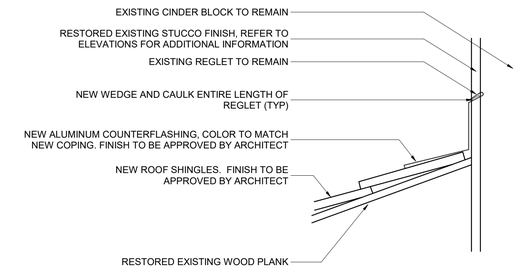
4 CURB FLASHING DETAIL
1 1/2" = 1'-0"



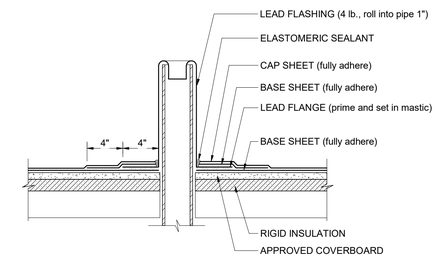
5 SMALL PIPE PENETRATION
1 1/2" = 1'-0"



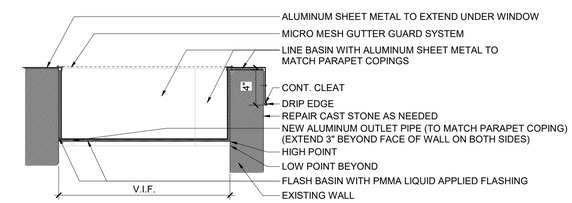
6 REINFORCED LIQUID APPLIED FLASHING
3" = 1'-0"



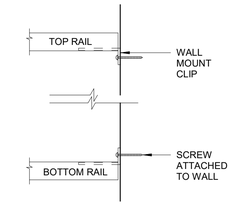
7 BOARDWALK CANOPY FLASHING DETAIL
1 1/2" = 1'-0"



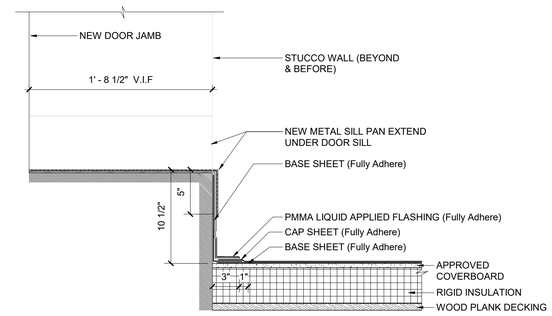
9 WASTE STACK DETAIL
1 1/2" = 1'-0"



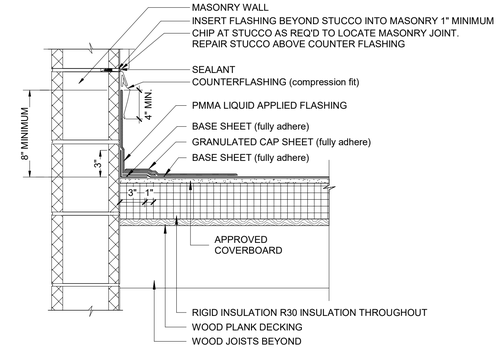
15 OVER DOOR BUILT IN GUTTER SECTION
1 1/2" = 1'-0"



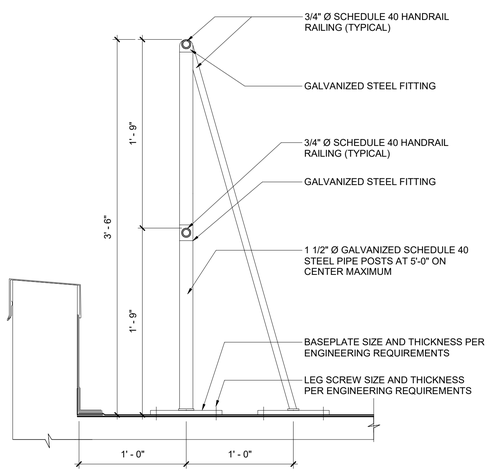
11 GUARD RAIL WALL CLIP MOUNTING
3" = 1'-0"



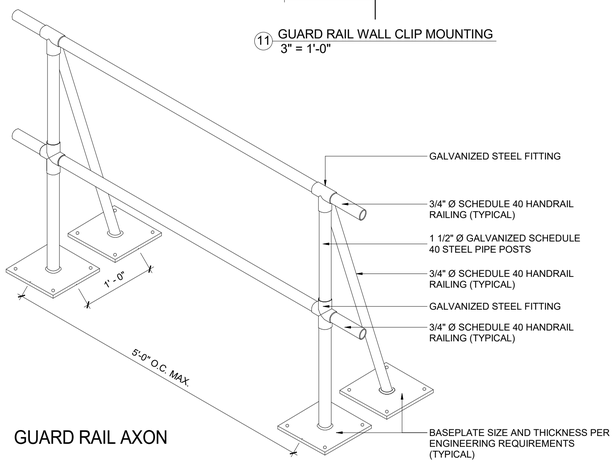
12 ROOF DOOR SILL
1 1/2" = 1'-0"



13 BASE FLASHING AT WALL
1 1/2" = 1'-0"



10 GUARD RAIL
1 1/2" = 1'-0"



GUARD RAIL AXON

10/15/2020 5:46:00 PM

CONSULTANT INFORMATION

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(516) 938-5476 www.liro.com

CONSULTANT SEAL

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PROJECT COORDINATOR
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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
ROOFING DETAILS - MODIFIED BITUMEN

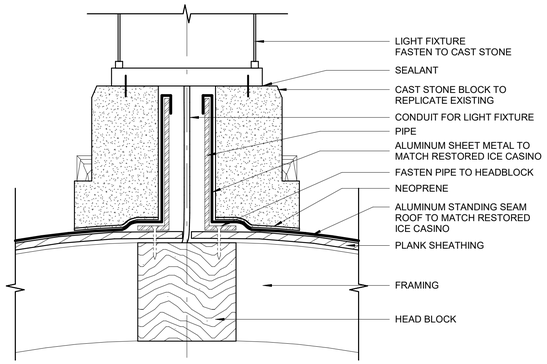
CONTRACT NUMBER	SHEET NUMBER
20-501	AM-A-51

DWG NO.: Page 35 of 387

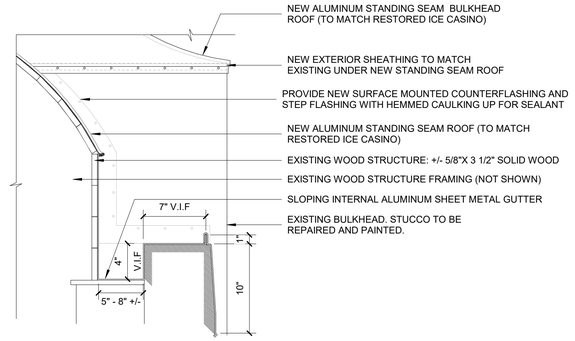
SCALE: As indicated

DATE: 09/16/2020

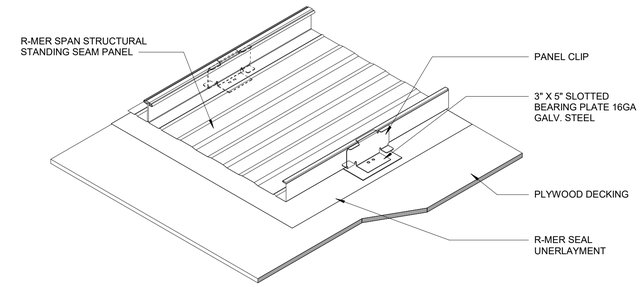
DPW FILE NUMBER 1-118-A-35 REV. NO. 0



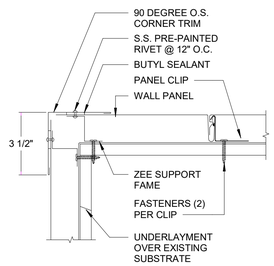
1 DOMED TOWER COPPER ROOF CAP DETAIL
1 1/2" = 1'-0"



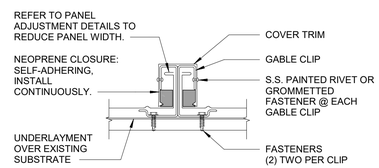
2 DOMED TOWER ROOF GUTTER AND BULKHEAD DETAIL
1 1/2" = 1'-0"



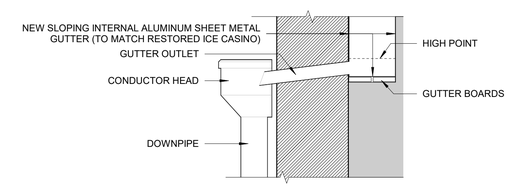
3 PANEL ASSEMBLY
3" = 1'-0"



4 90 DEGREE CORNER DETAIL
3" = 1'-0"



5 PANEL SEPERATION DETAIL
3" = 1'-0"



6 SECTION THROUGH GUTTER AT DOMED TOWER
1 1/2" = 1'-0"

10/15/2020 5:46:00 PM

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DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
ROOFING DETAILS - STANDING SEAM

CONTRACT NUMBER	SHEET NUMBER
20-501	AM-A-52

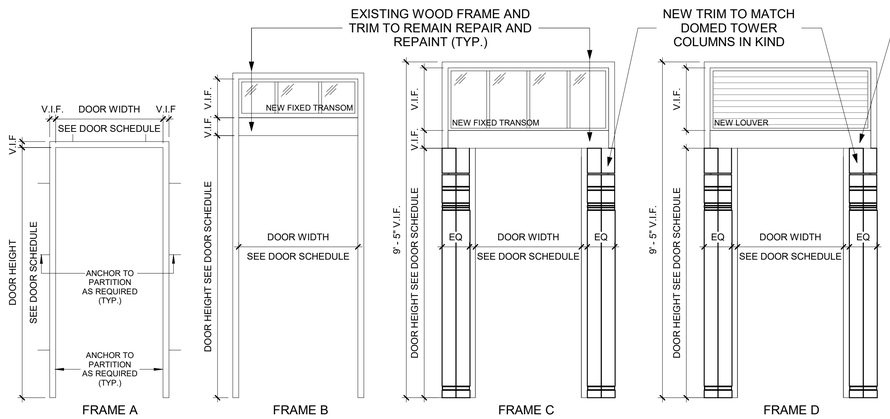
DWG NO.: **Page 36 of 387**
SCALE: **As indicated**
DATE: **09/16/2020**
DPW FILE NUMBER **1-118-A-36** REV. NO. **0**

DOOR SCHEDULE																	
			NOMINAL SIZE			DOOR STYLE			DOOR STYLE		FRAME STYLE						
Mark	Level	Door Type	Width V.I.F.	Height V.I.F.	Thickness V.I.F.	Door Material	Door Finish	Transom	Glass	Frame Type	Head Detail	Jamb Detail	Sill Material	Frame Material	Frame Finish	Hardware Set	Comments
101	1ST FLOOR	1	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINTED, TBD	NO	CLEAR	A	DH-1	DJ-1	DS-1	WOOD	PAINTED, TBD	HS-10	
102	1ST FLOOR	1	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINTED, TBD	NO	CLEAR	A	DH-1	DJ-1	DS-1	WOOD	PAINTED, TBD	HS-09	
103	1ST FLOOR	1	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINTED, TBD	NO	CLEAR	A	DH-1	DJ-1	DS-1	WOOD	PAINTED, TBD	HS-10	
104	1ST FLOOR	1	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINTED, TBD	NO	CLEAR	A	DH-1	DJ-1	DS-1	WOOD	PAINTED, TBD	HS-09	
105	1ST FLOOR	1	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINTED, TBD	YES	CLEAR	B	DH-2	DJ-1/ TJ-1	DS-1	WOOD	PAINTED, TBD	HS-08	
106	1ST FLOOR	1	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINTED, TBD	YES	CLEAR	B	DH-2	DJ-1/ TJ-1	DS-1	WOOD	PAINTED, TBD	HS-08	
107	1ST FLOOR	1	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINTED, TBD	YES	CLEAR	B	DH-2	DJ-1/ TJ-1	DS-1	WOOD	PAINTED, TBD	HS-08	
108	1ST FLOOR	3	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINTED, TBD	NO	BLACK, OPAQUE	D	DH-3	DJ-1/ TJ-2	DS-1	WOOD	PAINTED, TBD	TBD	PLACE PLYWOOD OVER GLASS ON INSIDE
109	1ST FLOOR	1	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINTED, TBD	YES	CLEAR	B	DH-2	DJ-1/ TJ-1	DS-1	WOOD	PAINTED, TBD	HS-08	
111	1ST FLOOR	3	3' - 0"	7' - 0"	1 3/4"	WOOD	PAINTED, TBD	YES	CLEAR	C	DH-2	DJ-1/ TJ-1	DS-1	WOOD	PAINTED, TBD	HS-08	
301	TOP OF PARAPET	2	2' - 3 1/2"	6' - 2"	1 3/4"	HM	PAINTED, TBD	NO	NO	A	DH-4	DJ-2	DS-2	WOOD*	PAINTED, TBD	SLIDE BOLT (LIKE EXISTING)	*NEW FRAME AND SILL COVER TO MATCH EXISTING IN KIND

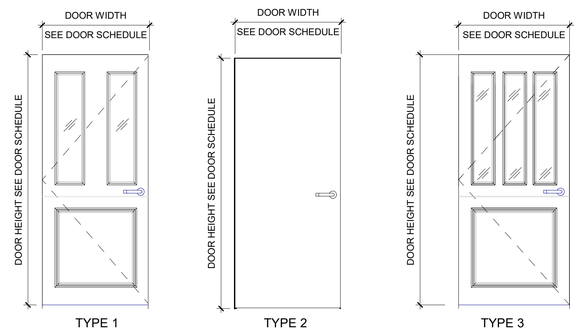
NOTE: GC TO CONFIRM DOOR SIZES IN FIELD PRIOR TO ORDERING

GENERAL DOOR SCHEDULE NOTES:

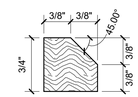
1. REFER TO THIS SHEET FOR DOOR & FRAME TYPES.
2. REFER TO THIS SHEET FOR DOOR JAMB, HEAD, & FRAME DETAILS.
3. REFER TO THIS SHEET FOR DOOR SILL & TRANSITION DETAILS. SILL TRANSITION INFORMATION IS INDICATED ON FINISH PLAN UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL EXAMINE THE DRAWINGS, SCHEDULE AND SPECIFICATIONS AND FURNISH PROPER HARDWARE FOR ALL OPENINGS WHETHER LISTED OR NOT. COMPLETE SHOP DRAWINGS SHALL BE PROVIDED FOR APPROVAL PRIOR TO PURCHASE.
5. ALL EXIT DOORS SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.
6. VERIFY DIMENSIONS OF EXISTING OPENING AND DOORS BEFORE ORDERING.
7. THE CONTRACTOR SHALL COORDINATE & VERIFY LOCATION OF RECESSED FLOOR CLOSERS, PIVOTS, ETC WITH EXISTING FLOOR SLABS AND OTHER FIELD CONDITIONS PRIOR TO ORDERING TO ENSURE PROPER CLEARANCES & DEPTHS ARE ALLOWED.



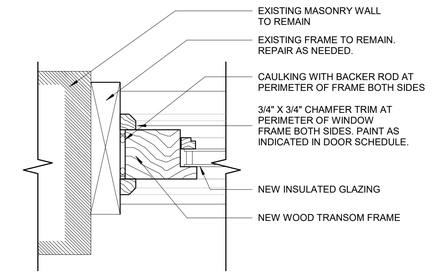
5 DOOR FRAME DETAIL
1/2" = 1'-0"



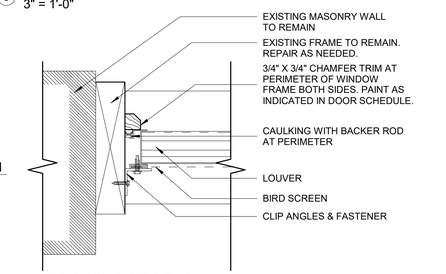
EXTERIOR DOOR
1/2" = 1'-0"



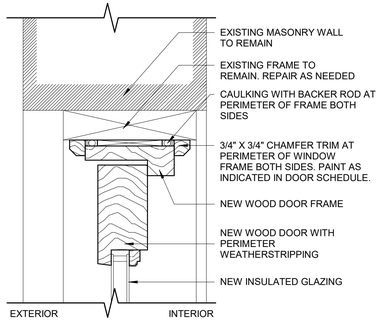
6 DETAIL- CHAMFERED WOOD TRIM
12" = 1'-0"



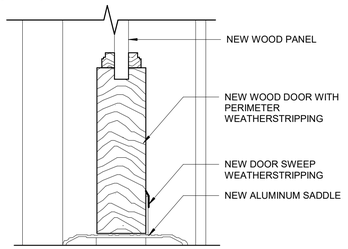
9 TRANSOM JAMB-1 (TJ-1)
3" = 1'-0"



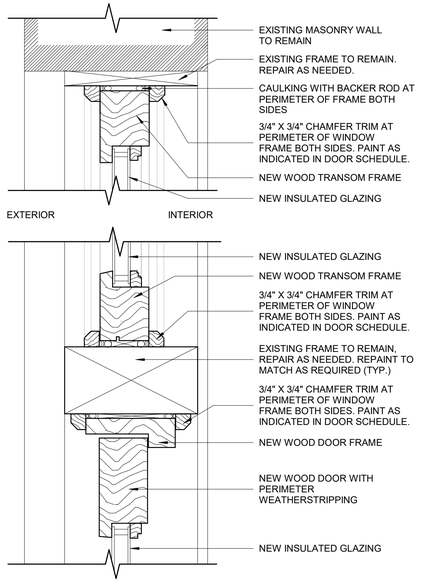
2 TRANSOM JAMB-1 (TJ-2)
3" = 1'-0"



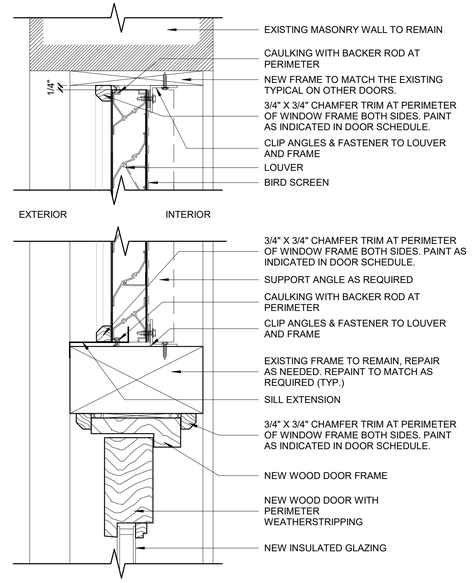
11 DOOR HEADER-1 (DH-1)
3" = 1'-0"



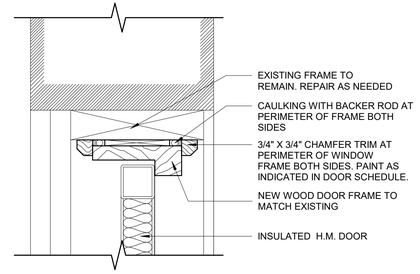
7 DOOR SILL-1 (DS-1)
3" = 1'-0"



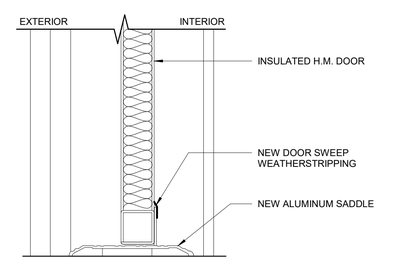
8 DOOR HEADER-2 (DH-2)
3" = 1'-0"



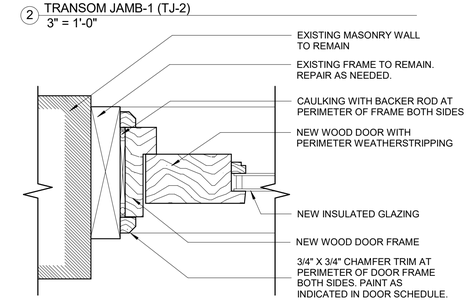
1 DOOR HEADER-3 (DH-3)
3" = 1'-0"



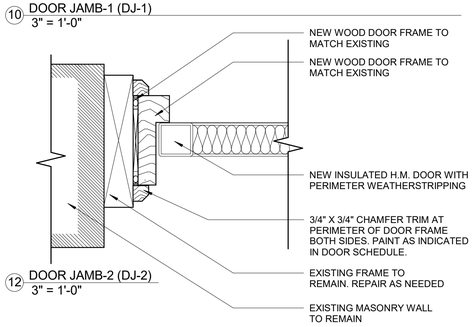
3 DOOR HEADER-4 (DH-4)
3" = 1'-0"



4 DOOR SILL-2 (DS-2)
3" = 1'-0"



10 DOOR JAMB-1 (DJ-1)
3" = 1'-0"



12 DOOR JAMB-2 (DJ-2)
3" = 1'-0"

10/15/2020 5:46:01 PM

CONSULTANT INFORMATION
The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH P. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

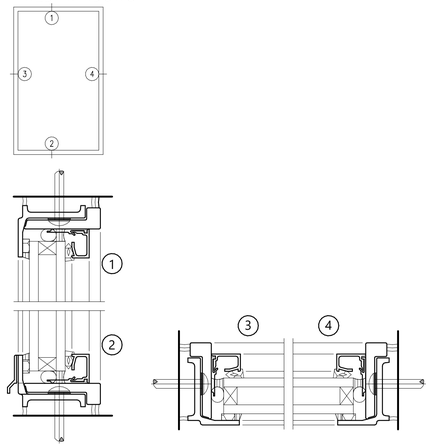
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
DOOR & HARDWARE SCHEDULE

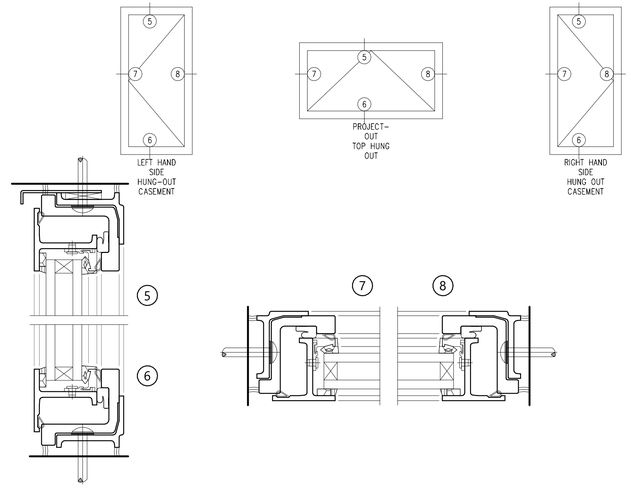
CONTRACT NUMBER	SHEET NUMBER
20-501	AM-A-61

DWG NO.: Page 37 of 387
SCALE: As indicated
DATE: 09/16/2020
DPW FILE NUMBER 1-118-A-37 REV. NO. 0

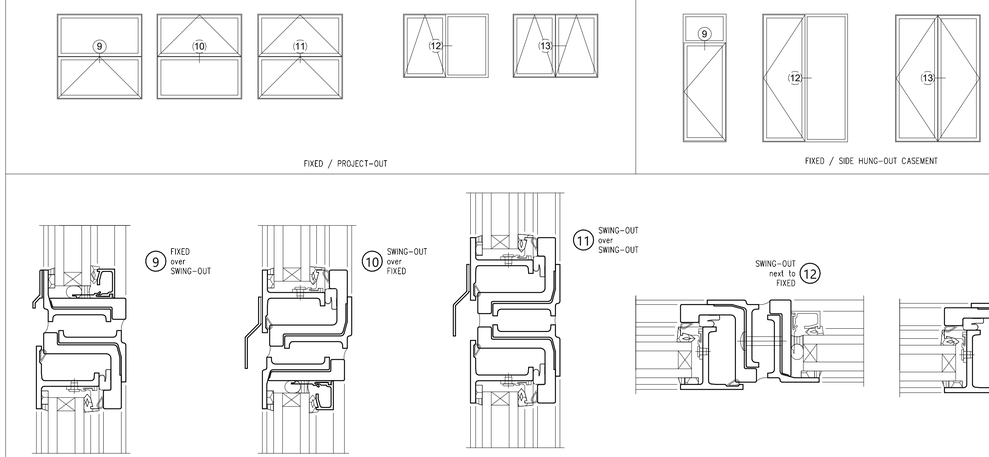
EXTERIOR GLAZED
FIXED WINDOWS



EXTERIOR GLAZED
SWING-OUT WINDOWS

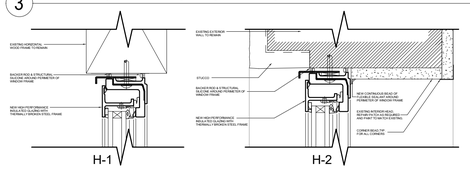


EXTERIOR GLAZED
COMBINATION DETAILS

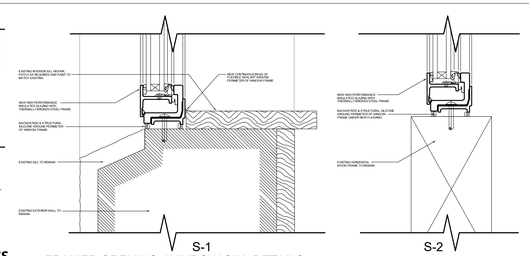


SASH OPERATION LEGEND:
AW= AWNING
CS= CASEMENT
F= FIXED

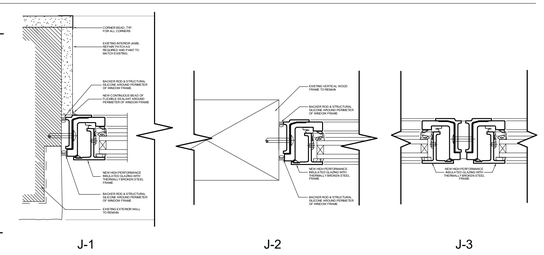
3 EXTERIOR WINDOW GLAZING DETAILS



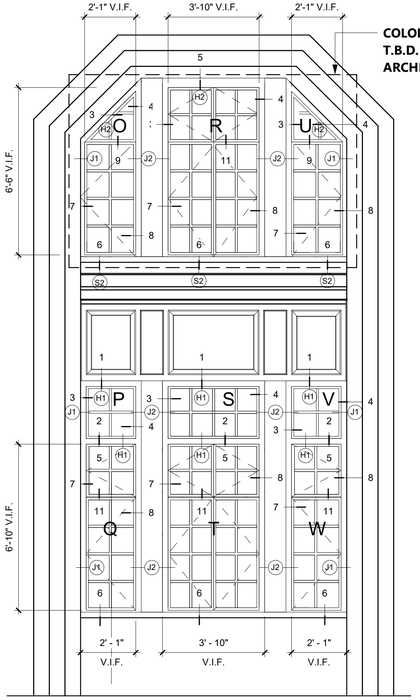
6 FRAMED OPENING- WINDOW HEAD DETAILS
3" = 1'-0"



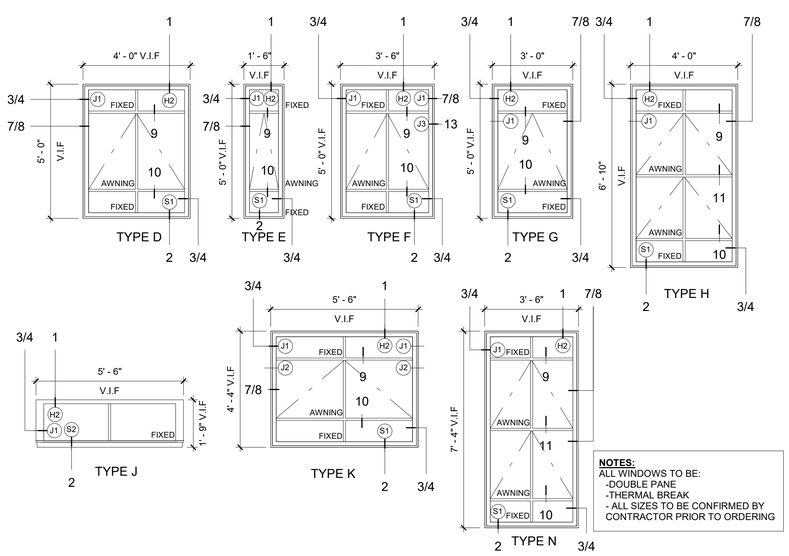
1 FRAMED OPENING- WINDOW SILL DETAILS
3" = 1'-0"



4 FRAMED OPENING- WINDOW JAMB DETAILS
3" = 1'-0"

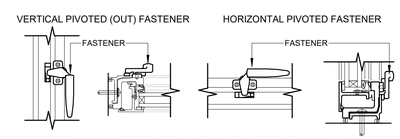


2 SOUTH ADMIN WINDOW ELEVATION
3/8" = 1'-0"

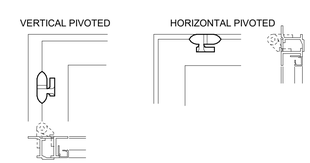


WINDOW LEGEND
3/8" = 1'-0"

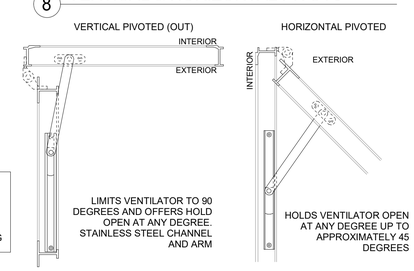
NOTES:
ALL WINDOWS TO BE:
-DOUBLE PANE
-THERMAL BREAK
- ALL SIZES TO BE CONFIRMED BY CONTRACTOR PRIOR TO ORDERING



5 VERTICAL & HORIZONTAL FASTENER



8 VERTICAL & HORIZONTAL PIVOTS



7 VERTICAL & HORIZONTAL LIMIT DEVICE

WINDOW SCHEDULE

TYPE MARK	TYPE	SASH OPER.	HEIGHT V.I.F.	WIDTH V.I.F.	SILL	MATERIAL	GLAZING	FINISH	MFR.	MODEL	COMMENTS
W-101	H	AW	6'-10"	4'-0"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-102	H	AW	6'-10"	4'-0"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-103	P	F	1'-6"	2'-1"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-104	Q	CS	6'-10"	2'-1"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-105	S	F	1'-6"	3'-10"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-106	T	CS	6'-10"	3'-10"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-107	V	F	1'-6"	2'-1"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-108	W	CS	6'-10"	2'-1"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-109	N	AW	7'-4"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-110	N	AW	7'-4"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-111	N	AW	7'-4"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-112	F	AW	5'-0"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-113	F	AW	5'-0"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-114	J	F	1'-9"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-115	K	AW	4'-4"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-116	J	F	1'-9"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-117	K	AW	4'-4"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-118	J	F	1'-9"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-119	K	AW	4'-4"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-120	J	F	1'-9"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-121	K	AW	4'-4"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-122	J	F	1'-9"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-123	K	AW	4'-4"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-124	J	F	1'-9"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-125	K	AW	4'-4"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-126	J	F	1'-9"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-127	K	AW	4'-4"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-128	J	F	1'-9"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-129	K	AW	4'-4"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-130	K	AW	4'-4"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-131	J	F	1'-9"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-132	K	AW	4'-4"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-133	J	F	1'-9"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-134	K	AW	4'-4"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-135	J	F	1'-9"	5'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-201	E	AW	5'-0"	1'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-202	E	AW	5'-0"	1'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-203	E	AW	5'-0"	1'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-204	E	AW	5'-0"	1'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-205	E	AW	5'-0"	1'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-206	D	AW	5'-0"	4'-0"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-207	D	AW	5'-0"	4'-0"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-208	D	AW	5'-0"	4'-0"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-209	O	CS/F	6'-6"	2'-1"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-210	R	CS	6'-6"	3'-10"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-211	U	CS/F	6'-6"	2'-1"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-212	O	CS/F	6'-6"	2'-1"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-213	R	CS	6'-6"	3'-10"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-214	U	CS/F	6'-6"	2'-1"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-215	O	CS/F	6'-6"	2'-1"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-216	R	CS	6'-6"	3'-10"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-217	U	CS/F	6'-6"	2'-1"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-218	F	AW	5'-0"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-219	F	AW	5'-0"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-220	E	AW	5'-0"	1'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-221	G	AW	5'-0"	3'-0"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-222	E	AW	5'-0"	1'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-223	F	AW	5'-0"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-224	F	AW	5'-0"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-225	E	AW	5'-0"	1'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-226	F	AW	5'-0"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-227	E	AW	5'-0"	1'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-228	G	AW	5'-0"	3'-0"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-229	E	AW	5'-0"	1'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-230	F	AW	5'-0"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-231	F	AW	5'-0"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-232	F	AW	5'-0"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-233	F	AW	5'-0"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-234	F	AW	5'-0"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-235	F	AW	5'-0"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-236	F	AW	5'-0"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-237	F	AW	5'-0"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-238	F	AW	5'-0"	3'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-239	E	AW	5'-0"	1'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	
W-240	E	AW	5'-0"	1'-6"	EXISTING	GALV. STEEL	TBD	TBD	TBD	TBD	

10/15/2020 5:46:01 PM

CONSULTANT INFORMATION
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CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
WINDOW, LOUVERS SCHEDULES & WINDOW DETAILS

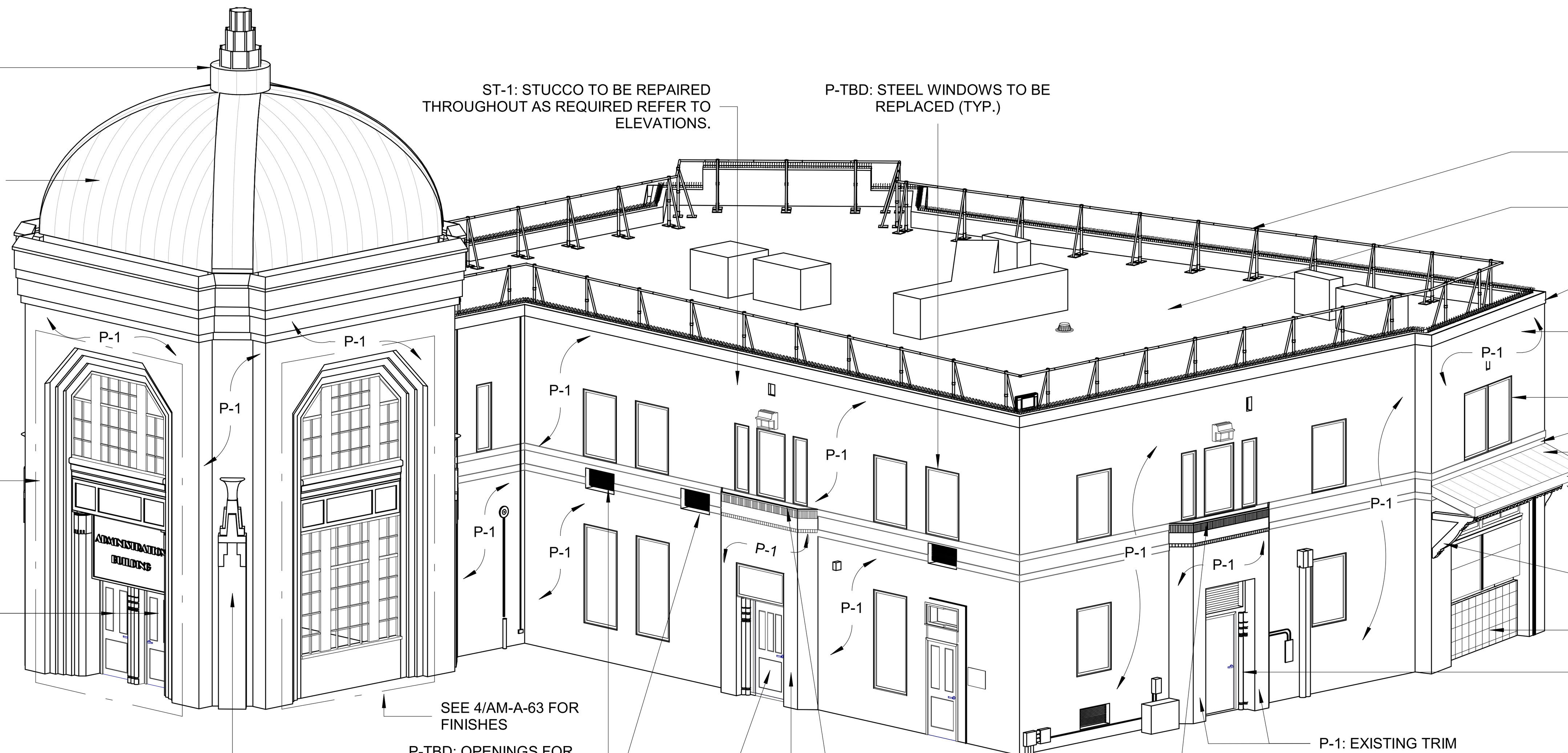
CONTRACT NUMBER **20-501**
SHEET NUMBER **AM-A-62**
DWG NO.: **Page 38 of 387**
SCALE: **As indicated**
DATE: **09/16/2020**
DPW FILE NUMBER **1-118-A-38**
REV. NO. **0**

FINISH LEGEND

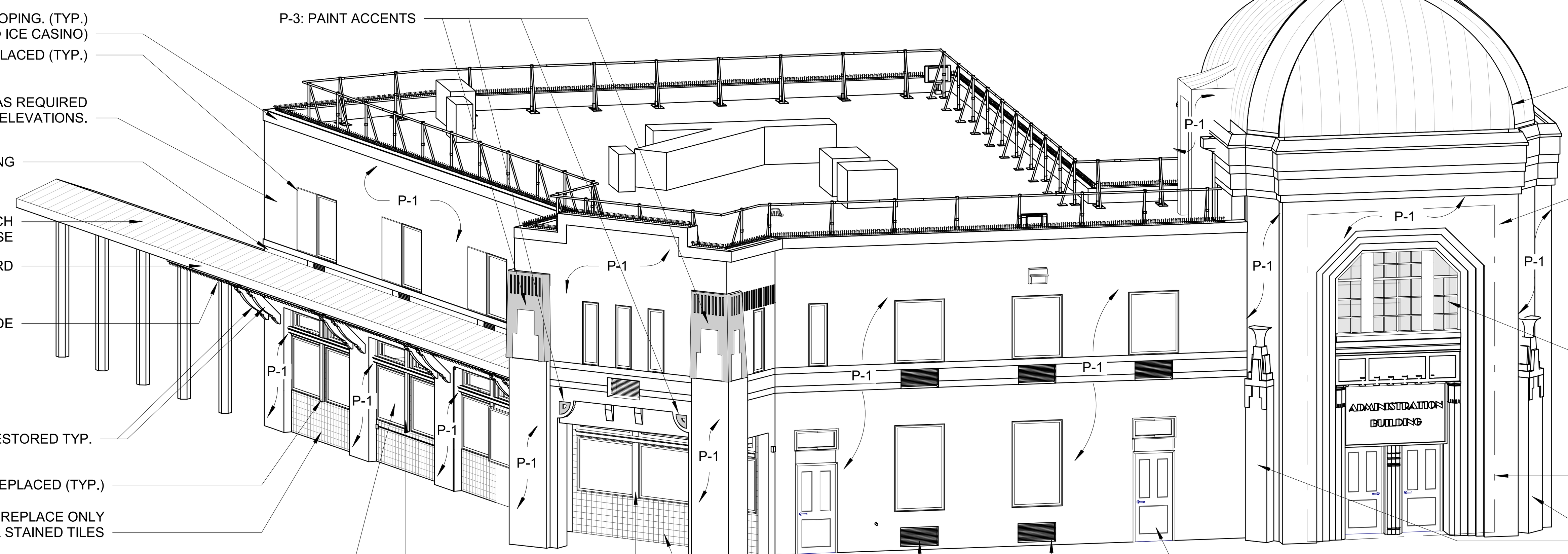
TAG #	FINISH MATERIAL	SUPPLIER / MANUFACTURER	STYLE # / SIZE	COLOR	FINISH	LOCATION	REMARKS
WALL MATERIALS							
P-1	PAINT	BENJAMIN MOORE	TBD	"PLAYLAND WHITE"/ 901	SEMI-GLOSS ENAMEL	FACADE	
P-2	PAINT	BENJAMIN MOORE	TBD	LUCK OF THE IRISH/ 588	SEMI-GLOSS ENAMEL	TRIM	
P-3	PAINT	BENJAMIN MOORE	TBD	SANDLOT GRAY/ 2107-50	SEMI-GLOSS ENAMEL	ACCENTS	
P-4	PAINT	BENJAMIN MOORE	TBD	ANTELOPE CANYON	SEMI-GLOSS ENAMEL	BRACKETS	
P-5	PAINT	TBD	TBD	TBD	SEMI-GLOSS ENAMEL	-	
P-6	PAINT	TBD	TBD	TBD	SEMI-GLOSS ENAMEL	-	
P-7	PAINT	TBD	TBD	TBD	SEMI-GLOSS ENAMEL	-	
P-8	PAINT	TBD	TBD	TBD	SEMI-GLOSS ENAMEL	-	
T-1	TILE	TBD	TO MATCH EXISTING	RED	TO MATCH EXISTING	BOARDWALK/ RESTORED ARCHWAY	IN AREAS WHERE TILE EXISTING ALREADY ONLY REPLACE MISSING, CRACKED, OR STAINED TILES. NEW TILE TO MATCH EXISTING HISTORIC TILE.
T-2	TILE	TBD	TO MATCH EXISTING	CREAM	TO MATCH EXISTING	BOARDWALK/ RESTORED ARCHWAY	IN AREAS WHERE TILE EXISTING ALREADY ONLY REPLACE MISSING, CRACKED, OR STAINED TILES. NEW TILE TO MATCH EXISTING HISTORIC TILE.
T-3	TILE	TBD	TO MATCH EXISTING	BLACK	TO MATCH EXISTING	BOARDWALK/ RESTORED ARCHWAY	IN AREAS WHERE TILE EXISTING ALREADY ONLY REPLACE MISSING, CRACKED, OR STAINED TILES. NEW TILE TO MATCH EXISTING HISTORIC TILE.
ST-1	STUCCO	TBD	TBD	-	TO MATCH EXISTING	FACADE	APPLY AS NOTED ON ELEVATIONS
GR-1	TILE GROUT	TBD	TBD	-	TO MATCH EXISTING	BOARDWALK/ RESTORED ARCHWAY	
MISCELLANEOUS FINISHES							
COP-1	PARAPET COPING	TBD	TO MATCH RESTORED ICE CASINO	TBD	TBD	ROOF PARAPET	NEW ALUMINUM COPING
COP-2	CAP & COPING	TBD	TO MATCH RESTORED ICE CASINO	TBD	TBD	PARAPET	NEW ALUMINUM CAP, COPING, & DRAINAGE PIPES
SHIN	SHINGLES	TBD	TO MATCH BATHHOUSE	TO MATCH BOAT HOUSE	MATCH BOAT HOUSE	BOARDWALK CANOPY ROOF	NEW SHINGLES AT CANOPY TO MATCH BATH HOUSE
TR	SADDLE	TBD	TBD	TBD	BRUSHED ALUM.	FLOORS	PREP AND PRIME WITH METAL PRIMER. FOR DETAIL REFER TO 4/AM-A-61.
M-ROOF	STANDING SEAM ROOF	TBD	TO MATCH RESTORED ICE CASINO	TO MATCH ICE CASINO	TO MATCH ICE CASINO	TOWER ROOF	NEW ALUMINUM STANDING SEAM ROOF, BUILT IN GUTTER, & COPING (TO MATCH RESTORED ICE CASINO)
R-RAILING	ROOF RAILING	TBD	SURFACE MOUNTED	TBD	GALVANIZED	ROOF	
B-SPIKES	BIRD SPIKES	TBD	SURFACE MOUNTED	TBD	S.S. SPIKES	ROOF PARAPET	MOUNTING SYSTEM AS MANUFACTURER RECOMMENDS PER PROJECT CONDITIONS

*** ALL FINISHES TO BE APPROVED BY ARCHITECT**

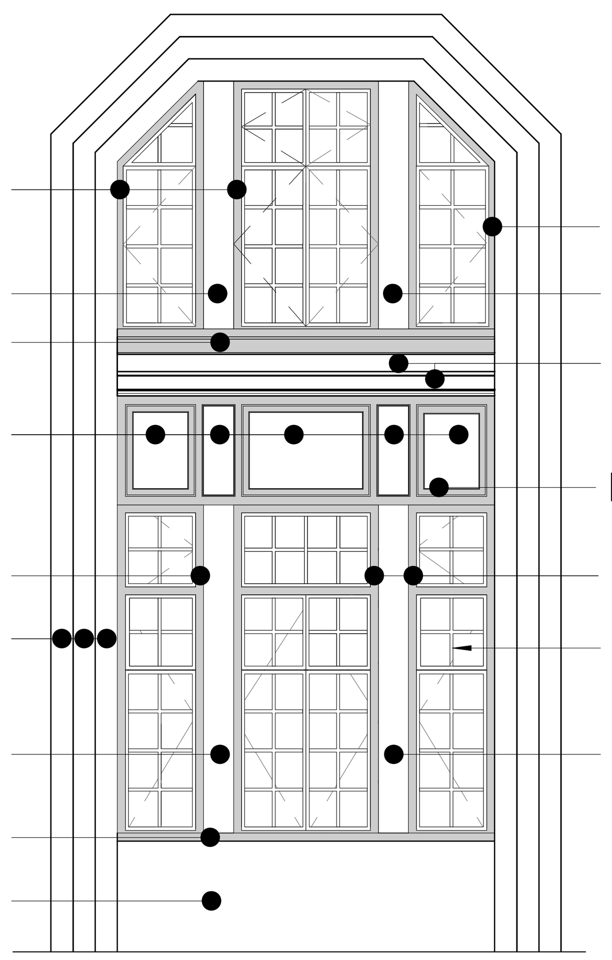
ENTIRE BUILDING TO BE PAINTED ENTIRELY WITH NEW PAINT AS INDICATED.



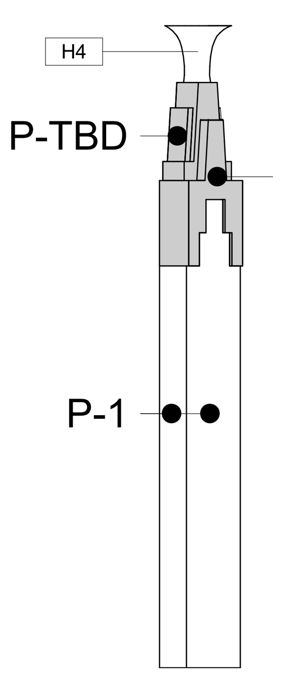
2 SOUTH ADMIN FRONT FINISH



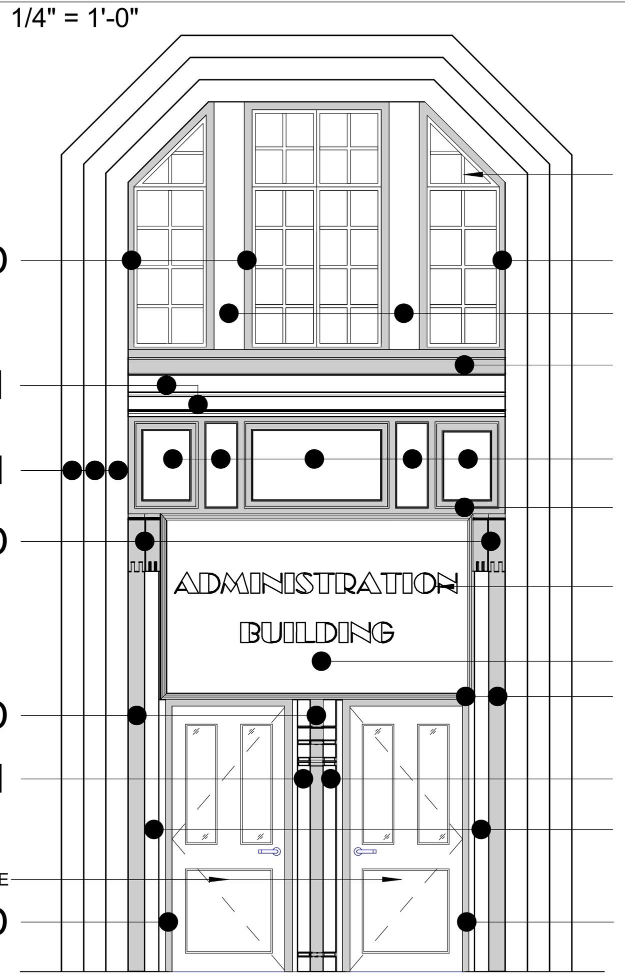
3 SOUTH ADMIN REAR FINISH



4 SOUTH ADMIN TYPICAL WINDOW ELEVATION FINISH
1/4" = 1'-0"



7 TYPICAL OBELISK FINISH
1/4" = 1'-0"



5 SOUTH ADMIN TYPICAL MAIN ENTRY ELEVATION FINISH
1/4" = 1'-0"

10/15/2020 5:46:06 PM

CONSULTANT INFORMATION
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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK RYE, NEW YORK
ADMINISTRATION BUILDING
EXTERIOR BUILDING FINISH SCHEDULE

CONTRACT NUMBER: **20-501**
SHEET NUMBER: **AM-A-63**
DWG NO.: **Page 39 of 387**
SCALE: **As indicated**
DATE: **09/16/2020**
DPW FILE NUMBER: **1-118-A-39**
REV. NO. 0

STRUCTURAL NOTES

GENERAL

G-1 THESE NOTES ARE GENERAL AND SUPPLEMENTAL TO THE SPECIFICATIONS. THESE NOTES APPLY TO THE ENTIRE PROJECT UNLESS MODIFIED OR NOTED OTHERWISE IN THE CONTRACT DOCUMENTS.

G-2 STANDARD DETAILS, SHOWN ON DRAWINGS xxxxxx THRU xxxxx, SHALL BE USED WHEN REFERRED TO OR WHEN NO MORE RESTRICTIVE OR DIFFERENT DETAILS ARE SHOWN ON THE DRAWINGS.

G-3 DESIGN WAS IN ACCORDANCE WITH AND CONSTRUCTION SHALL COMPLY WITH THE PROVISIONS OF THE NEW YORK STATE BUILDING CODE (NYSBC). THE DESIGN LOADS AND OTHER DESIGN VALUES GIVEN BELOW WERE USED FOR DESIGN OF STRUCTURES UON ON THE DRAWINGS.

G-4 DESIGN LOADS FOR NEW ELEMENTS:
LIVE LOADS:
SOUTH ADMINISTRATION BUILDING:
ROOF: 30 PSF

SNOW LOADS:
GROUND SNOW LOAD, Pg = 30 PSF
SNOW EXPOSURE FACTOR, Ce = 0.9
SNOW LOAD IMPORTANCE FACTOR, I = 1.1
THERMAL FACTOR, Ct = 1.0

WIND DESIGN:
BASIC WIND SPEED, V = 120 MPH
BUILDING CATEGORY II
WIND EXPOSURE CATEGORY D
INTERNAL PRESSURE COEFFICIENT, GCpi = ±0.18

SEISMIC DESIGN:
SEISMIC USE GROUP, III
SPECTRAL RESPONSE COEFFICIENTS:
SDS = .434
SD1 = .165
SITE CLASS E
SEISMIC DESIGN CATEGORY C
SEISMIC IMPORTANCE FACTOR I = 1.0
BASIC SEISMIC FORCE RESISTING SYSTEM IS AS SHOWN ON DRAWINGS
DESIGN BASE SHEAR, V = AS SHOWN ON DRAWINGS
ANALYSIS PROCEDURE IS EQUIVALENT LATERAL FORCE METHOD, UON.
RESPONSE MODIFICATION FACTOR, R:
ADMINISTRATION BUILDING: R = 7

LOADS INDICATED ABOVE REFLECT DESIGN LOADS FOR ANY NEW OR REHABILITATED STRUCTURAL ELEMENTS. THEY SHOULD NOT BE TAKEN AS DESIGN LOADS FOR THE STRUCTURE AS A WHOLE.

G-5 ALL DIMENSIONS INDICATED (*) ARE TO BE VERIFIED EITHER BY FIELD MEASUREMENTS FOR EXISTING STRUCTURES OR BY SHOP DRAWINGS FOR EQUIPMENT FURNISHED. STRUCTURAL DIMENSIONS NOT SHOWN BUT CONTROLLED BY OR RELATED TO EQUIPMENT SHALL BE VERIFIED BY THE CONTRACTOR WITH THE MANUFACTURER PRIOR TO CONSTRUCTION.

G-6 STRUCTURAL DRAWINGS SHALL BE USED IN COORDINATION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND MANUFACTURER'S SHOP DRAWINGS.

G-7 IF A CONFLICT IS FOUND BETWEEN DIFFERENT PORTIONS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. CONTINUED CONSTRUCTION OF THE AREA IN CONFLICT SHALL BE AT THE CONTRACTOR'S OWN RISK UNTIL THE CONFLICT IS RESOLVED BY THE ENGINEER.

G-8 WHENEVER ONE MEMBER IS FASTENED TO ANOTHER WITH FASTENINGS (BOLTS, WELDS, ETC.) SET AT A UNIFORM SPACING, THERE SHALL BE A MINIMUM OF TWO FASTENINGS PER PIECE CONNECTED AND THE FIRST AND LAST FASTENINGS SHALL BE LOCATED NOT TO EXCEED 0.25 OF FASTENER SPACING FROM EACH END.

G-9 STRUCTURES HAVE BEEN DESIGNED FOR OPERATIONAL LOADS ON THE COMPLETED STRUCTURE. DURING CONSTRUCTION, THE STRUCTURES SHALL BE PROTECTED BY BRACING AND TEMPORARY SUPPORTS WHEREVER EXCESSIVE CONSTRUCTION LOADS MAY OCCUR. OVERSTRESSING OF ANY STRUCTURAL ELEMENT IS PROHIBITED.

G-10 NO BACKFILL SHALL BE PLACED AGAINST ANY WALL UNLESS ALL SUPPORTING ELEMENTS OF THE STRUCTURE HAVE BEEN CONSTRUCTED AND HAVE REACHED THE SPECIFIED MINIMUM CONCRETE STRENGTH.

G-11 THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING INFORMATION IN THE FIELD AS REQUIRED FOR NEW WORK.

STRUCTURAL METALS

S-1 DETAIL, FABRICATE, AND ERECT STRUCTURAL STEEL IN ACCORDANCE WITH AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, ALLOWABLE STRESS DESIGN AND LRFD DESIGN (LRFD MANUAL OF STEEL CONSTRUCTION, CURRENT EDITION).

S-2 STEEL MATERIAL:
A) STRUCTURAL TUBING, ASTM A 500, GRADE B.
B) STRUCTURAL PIPE, ASTM A 53, GRADE B.
C) PLATES AND ANGLES, ASTM A 36 UNO.
D) STRUCTURAL W SHAPES, ASTM A 992 (MIN. YIELD STRENGTH OF 50 KSI).
E) STRUCTURAL S, M, & H SHAPES ASTM A572 GRADE 50.

S-3 PROVIDE MIN 3/4" DIAMETER ASTM A 325 HIGH STRENGTH BOLTS WITH FULLY TIGHTENED TYPE N CONNECTIONS FOR STRUCTURAL STEEL UON.

S-4 PROVIDE TYPICAL STEEL BEAM CONNECTIONS FOR A CAPACITY NOT LESS THAN THE TOTAL UNIFORM LOAD CAPACITY TABULATED IN THE AISC TABLES FOR ALLOWABLE LOADS OF BEAMS UNLESS NOTED OTHERWISE.

S-5 CAST IN PLACE ANCHOR BOLTS FOR STRUCTURAL STEEL SHALL CONFORM TO ASTM A307 UON.

S-6 DO NOT PAINT STEEL SURFACES WHICH ARE TO BE WELDED OR ARE TO BE ENCASED IN CONCRETE.

S-7 STAINLESS STEEL SHALL BE TYPE 316 FOR BOLTED CONSTRUCTIONS AND 316L FOR WELDED CONSTRUCTIONS.

S-8 ALUMINUM SHALL BE ALLOY 6061-T6.

S-9 ALL GROOVE AND BUTT WELDS SHALL BE FULL PENETRATION.

S-10 FILLET WELD SIZES SHALL BE THE MINIMUM SIZE REQUIRED BY AISC CODE FOR PLATE SIZES TO BE CONNECTED AND SHALL BE APPLIED TO THE ENTIRE JOINT CONTACT LENGTH, BUT NOT LESS THAN 3/16".

S-11 DETAIL, FABRICATE, AND ERECT ALUMINUM IN ACCORDANCE WITH THE ALUMINUM ASSOCIATION CONSTRUCTION MANUAL CURRENT EDITION.

S-12 ALL BOLTS, ANCHOR BOLTS, AND CONCRETE ANCHORS CONNECTING ALUMINUM SHALL BE TYPE 316 STAINLESS STEEL UON.

S-13 ALUMINUM SHALL BE ISOLATED FROM CONTACT WITH CONCRETE OR DISSIMILAR METALS.

TIMBER

T-1 ALL WOOD FRAMING MEMBERS INCLUDING, BUT NOT LIMITED TO, WALL STUDS AND JOISTS, ARE INTENDED TO ACT AS A SYSTEM AS DETAILED IN THE STRUCTURAL DRAWINGS AND ONCE CONSTRUCTION IS COMPLETE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE SAFETY AND STABILITY OF WOOD FRAMING SYSTEMS (I.E. TEMPORARY BRACING IF REQUIRED) DURING CONSRTUCTION AS A RESULT OF CONSTRUCTION METHODS AND SEQUENCES.

T-2 ALL TIMBER BELOW FLOOR DECKING SHALL BE PRESSURE-TREATED SOUTHERN PINE LUMBER.

T-3 STORAGE OF ALL LUMBER AND TIMBER ON SITE SHALL BE KEPT OFF GROUND, UNDER COVER AND PROTECTED FROM DAMAGE.

T-4 ALL DIMENSIONAL LUMBER SHALL BE CERTIFIED BY THE SUPPLIER IN WRITING TO BE KILN DRIED.

T-5 STRUCTURE SHALL NOT BE ENCLOSED UNLESS LUMBER MOISTURE CONTENT HAS BEEN VERIFIED TO BE AT OR BELOW 15%. ANY SIGNS OF MOLD SHALL BE REMOVED AND TREATED IN ACCORDANCE WITH PROJECT SPECIFICATIONS OR INDUSTRY STANDARDS.

T-6 ALL LUMBER IN CONTACT WITH THE GROUND OR CONCRETE SHALL BE PRESSURE TREATED.

T-7 FASTENERS FOR PRESERVATIVE TREATED AND FIRE RETARDANT TREATED WOOD SHALL BE OF HOT DIPPED ZINC COATED GALVANIZED STEEL OR STAINLESS STEEL AND SHALL FOLLOW CURRENT SIMPSON GUIDELINES BASED ON WEATHER EXPOSURE. WHERE STAINLESS STEEL CONNECTORS OR HOT DIPPED GALVANIZED CONNECTORS ARE SPECIFIED IN THE DRAWINGS, STAINLESS STEEL OR HOT DIPPED GALVANIZED FASTENERS SHALL BE USED TO MATCH CONNECTOR TYPE.

T-8 ALL PLATES AND LEDGERS SHALL BE FASTENED WITH A MINIMUM (3) ANCHORS PER PIECE UNLESS NOTED OTHERWISE.

T-9 ALL METAL HARDWARE AND FRAMING ACCESSORIES SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY. ALL ITEMS SHALL BE INSTALLED PER THE SIMPSON'S INSTALLATION REQUIREMENTS. ALL NAIL HOLES SHALL BE FILLED WITH THE RECOMMENDED FASTENER UNLESS NOTED OTHERWISE ON THE DRAWING.

T-10 HOLES FOR BOLTS SHALL BE DRILLED WITH A BIT OF THE SAME NOMIMAL DIAMETER AS THE BOLT + 1/16". LEAD HOLES FOR LAG SCREWS SHALL BE BORED PER NDS 11.1.3.

T-11 ALL BOLTS, CARRIAGE BOLTS, LAG SCREWS, EXPANSION BOLTS AND EPOXY BOLTS SHALL BE INSTALLED WITH STANDARD CUT WASHERS UNDER THE BOLT HEAD AND NUTS THAT BEAR DIRECTLY ON THE WOOD. ALL NUTS SHALL BE TIGHTENED AT THE TIME OF INSTALLATION AND RE-TIGHTENED IF NECESSARY, DUE TO WOOD SHRINKAGE, PRIOR TO CLOSE OUT OR COMPLETION OF THE PROJECT. BOLTS AND LAG SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1. WOOD SCREWS SHALL CONFORM TO B18.6.1. ALL BOLTS SHALL CONFORM TO ASTM A307 GRADE A UNLESS NOTED OTHERWISE.

T-12 CUTTING AND NOTCHING OF SAWN LUMBER RAFTERS AND STUDS SHALL BE IN CONFORMANCE WITH THE FOLLOWING CRITERIA:

A. JOISTS NOTCHES AT THE ENDS OF JOISTS SHALL NOT EXCEED 1/5 OF THE JOIST DEPTH. HOLES IN JOISTS SHALL NOT BE WITHIN 2½ INCHES OF THE TOP OR BOTTOM OF THE JOIST, AND THE DIAMETER OF ANY SUCH HOLE SHALL NOT EXCEED 1/4 THE DEPTH OF THE JOIST. NOTCHES IN THE TOP OR BOTTOM OF THE JOISTS SHALL NOT EXCEED 1/6 THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE OF THE THIRD SPAN.

B. RAFTERS NOTCHES AT THE ENDS OF RAFTERS OR CEILING JOISTS SHALL NOT EXCEED 1/5 OF THE DEPTH. NOTCHES IN THE TOP OR BOTTOM OF THE RAFTER OR CEILING JOIST SHALL NOT EXCEED 1/6 THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE 1/3 OF THE SPAN. EXCEPT THAT A NOTCH NOT EXCEEDING 1/3 OF THE DEPTH IS PERMITTED IN THE TOP OF THE RAFTERS OR CEILING JOIST NOT FURTHER FROM THE FACE OF THE SUPPORT THAN THE DEPTH OF THE MEMBER. HOLES BORED IN RAFTERS OR CEILING JOISTS SHALL NOT BE WITHIN 2½" INCHES OF THE TOP AND BOTTOM AND THEIR DIAMETER SHALL NOT EXCEED 1/4 THE DEPTH OF THE MEMBER.

C. WALL STUDS A MAXIMUM OF 2¼" DIAMETER NEATLY BORED HOLE MAY BE PLACED IN THE CENTER OF ALL BEARING 2x6 STUDS WITH NO ADDITIONAL REINFORCEMENT REQUIRED.

SPECIAL INSPECTIONS

S-1 SPECIAL INSPECTION SHALL COMPLY WITH SPECIFICATIONS.

S-2 SPECIAL INSPECTION WILL BE PERFORMED IN ACCORDANCE WITH CHAPTER 17 OF THE NYS BUILDING CODE.

S-3 SPECIAL INSPECTION WILL BE PERFORMED ON THE FOLLOWING STRUCTURAL SYSTEMS:

A) STRUCTURAL WELDING INCLUDING FIELD WELDING OF REINFORCING STEEL.

B) WOOD CONSTRUCTION (BC 1704.B).

DEMOLITION

LEGEND

EXISTING REINFORCED CONCRETE WALL OR STRUCTURE TO BE DEMOLISHED

SAW CUT LINE - FULL DEPTH UNLESS NOTED OTHERWISE

D-1 CONTRACTOR IS ALERTED THAT LIMITS OF DEMOLITION SHOWN IS APPROXIMATE. ACTUAL LIMITS SHALL BETHE MINIMUM REQUIRED FOR NEW STRUCTURE. CONTRACTOR TO CO-ORDINATE AND SUBMIT DEMOLITION PROCEDURE PER SPECIFICATIONS.

D-2 ALL ITEMS SHOWN ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.

D-3 FOR ADDITIONAL DEMOLITION REQUIREMENTS SEE SPECIFICATIONS (024116).

D-4 ALL EXISTING CONCRETE TO BE DEMOLISHED IS STEEL REINFORCED UNLESS NOTED OTHERWISE. REINFORCING STEEL NOT SHOWN FOR CLARITY.

Drawing Name: G:\SavinAutocad\2060\25-Playland\CAD\S\AM_S-01.dwg
Rev#: Projectname: ---- Comments: ----
Printed by: BKnittle Date: 24 September 2020 4:59 AM Designed by: ----
Xrefs: [TB_24X36_WestchesterCo_2.dwg] [TSG-SVLOGO.dwg

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK LICENSED PROFESSIONAL ENGINEER No. 065396

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT - CHANGES AS NOTED ☐ AS BUILT - NO CHANGES

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
STRUCTURAL NOTES

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-S-01
DWG NO.:	Page 40 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-S-40
REV. NO.	0

STRUCTURAL ABBREVIATIONS

AB	ANCHOR BOLT
ADDL	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJUSTABLE/ADJACENT
AFF	ABOVE FINISHED FLOOR
AGG	AGGREGATE
AL	ALUMINUM
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
AVG	AVERAGE
B	BORING
BLDG	BUILDING
BM	BEAM/BENCH MARK
BOF	BOTTOM OF FOOTING
BOS	BOTTOM OF STEEL
BOT	BOTTOM
BRG	BEARING
BT	BOLT
C	CHANNEL
C TO C	CENTER TO CENTER
CANT	CANTILEVER
CJ	CONSTRUCTION JOINT
CL	CENTER LINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CP	CONCRETE PLANK
CLJ	CONTROL JOINT
CTR	CENTER
CY	CUBIC YARD
DET	DETAIL
DIA (ø)	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DIST	DISTANCE
DN	DOWN
DO	DITTO
DP	DEEP
DWG	DRAWING
DWL	DOWEL
E	EAST
EA	EACH
EF	EACH FACE
EL	ELEVATION
ELEV	ELEVATOR
ENGR	ENGINEER
EMB	EMBEDMENT
ENCL	ENCLOSURE
ENT	ENTRANCE
EQ	EQUAL
EQPT	EQUIPMENT
EW	EACH WAY
EXIST	EXISTING
EXP	EXPANSION
EXP JT	EXPANSION JOINT
EXT	EXTERIOR
FAB	FABRICATE
FD	FLOOR DRAIN
FDN	FOUNDATION
FFL	FINISH FLOOR
FIN	FINISH
FLR	FLOOR
FT	FEET
FTG	FOOTING
F&C	FRAME&COVER
F&G	FRAME&GRATE

GA	GAUGE
GALV	GALVANIZE
GB	GRADE BEAM
GR	GRADE
GRTG	GRATING
HGT	HEIGHT
HORZ	HORIZONTAL
HP	HIGH POINT
HSS	HOLLOW STRUCTURAL STEEL
ID	INSIDE DIAMETER
IF	INSIDE FACE
IN	INCH
INCL	INCLUDE
INT	INTERIOR
INV	INVERT
J	JOIST
JB	JUNCTION BOX
JCT	JUNCTION
JT	JOINT
L	LENGTH/ANGLE
LF	LINEAR FEET
LG	LONG
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION
LP	LOW POINT
LVR	LOUVER
LWL	LOW WATER LEVEL
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MET	METAL
MFR	MANUFACTURER
MG	MILLION GALLONS
MGD	MILLION GALLONS PER DAY
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MOD	MODIFY/MODIFIED
MTD	MOUNTED
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OPNG	OPENING
OPP	OPPOSITE
OT	OPEN TRUSS
OVHD	OVERHEAD
PAR	PARALLEL
PC	POINT OF CURVE/PIECE
PCO	PILE CUT OFF
PI	POINT OF INTERSECTION
PL	PLATE/PROPERTY LINE
PREFAB	PREFABRICATED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PTN	PARTITION
PVMT	PAVEMENT
QTY	QUANTITY

R	RISER
RAD	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REINF	REINFORCEMENT
RECT	RECTANGULAR
REM	REMOVE
REQD	REQUIRED
RF	ROOF
RO	ROUGH OPENING
S	SOUTH
SCHED	SCHEDULE
SECT	SECTION
SF	SQUARE FEET
SHT	SHEET
SIM	SIMILAR
SJ	STEEL JOIST
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STA	STATION
STD	STANDARD
STR	STAIR
STIF	STIFFENER
STIR	STIRRUP
STL	STEEL
STRUC	STRUCTURAL
SUB	SUBSTITUTE
SYM	SYMMETRICAL
T	TREAD
T&B	TOP AND BOTTOM
T&G	TOUNGE AND GROOVE
TAN	TANGENT
TEMP	TEMPERATURE
THK	THICK
TOC	TOP OF CURB/CONCRETE
TOD	TOP OF DECK
TOF	TOP OF FOOTING
TOM	TOP OF MASONRY/MANHOLE
TOS	TOP OF SLAB/STEEL
TOW	TOP OF WALL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
W	WEST/WIDTH/WIDE FLANGE
W/	WITH
W/O	WITHOUT
WL	WATER LEVEL
WP	WATERPROOF/WALL PIPE
WPT	WALL PENETRATING TYPE
WS	WATER SURFACE
WT	WEIGHT
WWF	WELDED WIRE FABRIC
YD	YARD
YR	YEAR

SYMBOLS

- UNDISTURBED EARTH
- COMPACTED BACKFILL
- SELECT GRANULAR FILL MATERIAL
- CONCRETE BLOCK
- BRICK
- FINISHED WOOD
- CONCRETE
- ROUGH WOOD
- RIGID INSULATION
- REINFORCED STEEL IN CONCRETE
- WELDED WIRE FABRIC
- BLANKET INSULATION
- STEEL
- DENOTES MOMENT CONNECTION

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK — MICHAEL J. CRESCENZI — No. 065364 — LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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CONTRACTOR: NAME / SIGNATURE / TITLE / DATE

PROJECT COORDINATOR: NAME / SIGNATURE / TITLE / DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
STRUCTURAL ABBREVIATIONS AND SYMBOLS

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-S-02
DWG NO.:	Page 41 of 387
SCALE:	NONE
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-S-41
REV. NO.	0

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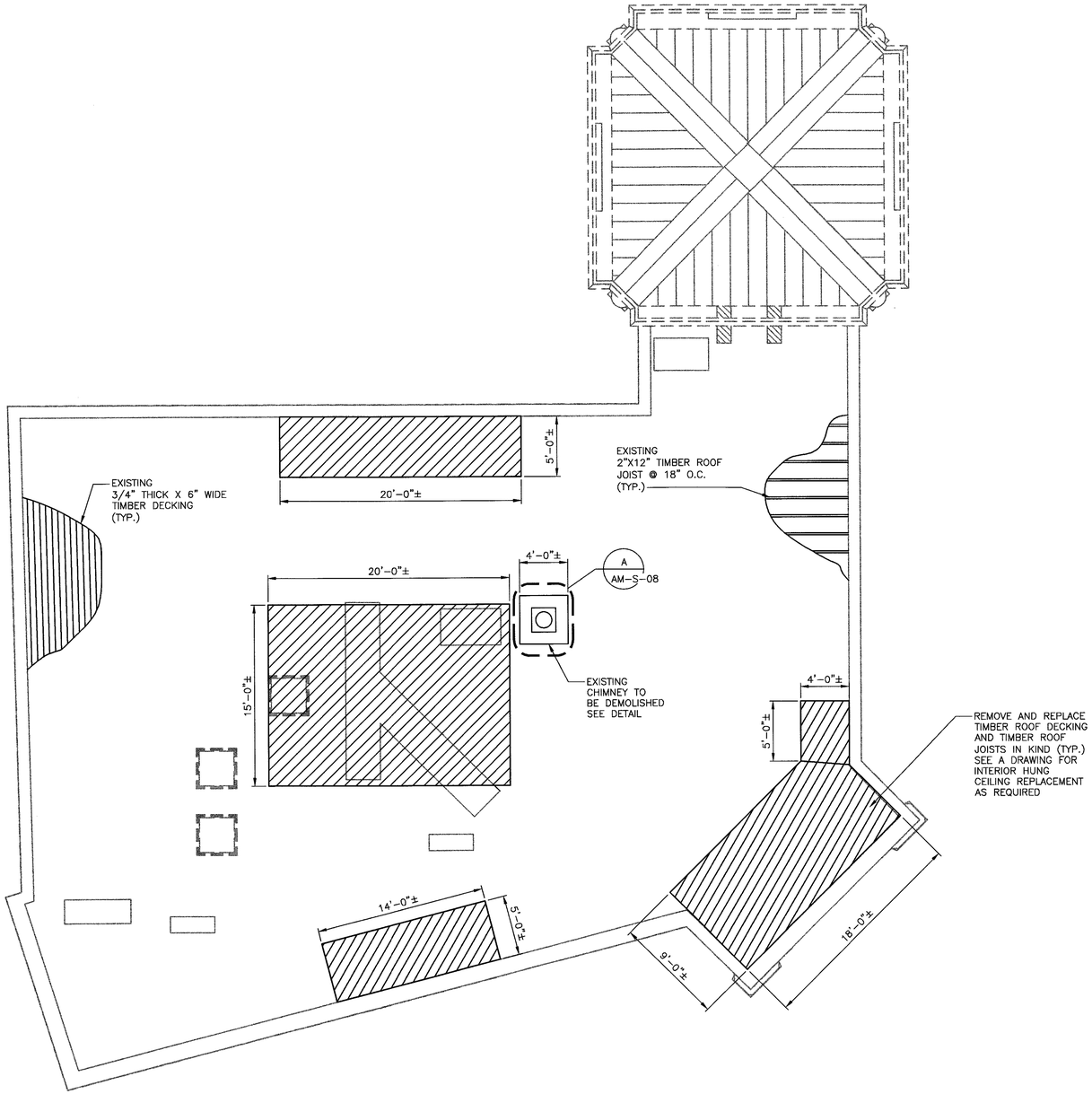

SOUTH ADMIN ROOF DEMOLITION PLAN
3/16" = 1'-0"

NOTES:

1. REHABILITATION OF THE SOUTH ADMINISTRATION BUILDING INCLUDES VARIOUS ELEMENTS SLATED FOR REMOVAL AND REPLACEMENT OF DETERIORATED MEMBERS. AFTER DEMOLITION OF EXISTING ROOFING, CONTRACTOR IS TO ALERT ENGINEER 6 WEEKS PRIOR TO START OF REHABILITATION WORK TO PERFORM FIELD INSPECTION OF THE REPAIR ITEMS IDENTIFIED BELOW. UPON COMPLETION OF THE FIELD INSPECTION, THE ENGINEER WILL PROVIDE THE CONTRACTOR IN WRITING THE DEFINED LIMITS OF REPLACEMENT WORK. REHABILITATION WORK FOR VARIOUS ELEMENTS SHALL BE PERFORMED AS PER SPECIFICATIONS. FOR THE PURPOSES OF BIDDING, CONTRACTOR SHALL INCLUDE IN THEIR BID THE QUANTITIES FOR EACH ELEMENTS AS MENTIONED BELOW:

STRUCTURAL ELEMENT TO BE REPLACED	QTY	UNITS	REMARKS
3/4" THICK x 6" WIDE TIMBER ROOF DECKING	850	SF	
2"x12" TIMBER JOISTS	700	LF	
MASONRY CRACK REPAIR	500	LF	

2. CONTRACTOR SHALL SUBMIT A SEQUENCE OF DEMOLITION AND CONSTRUCTION OF MASONRY REPAIRS TO ENGINEER FOR REVIEW AND APPROVAL.

N

0 4' 8'
SCALE: 3/16" = 1'-0"

CONSULTANT INFORMATION
Savin Engineers, P.C.

CONSULTANT SEAL
STATE OF NEW YORK
No. 065326
LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
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CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
DEMOLITION - ROOF PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-S-03
DWG NO.:	Page 42 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-S-42
REV. NO.	0

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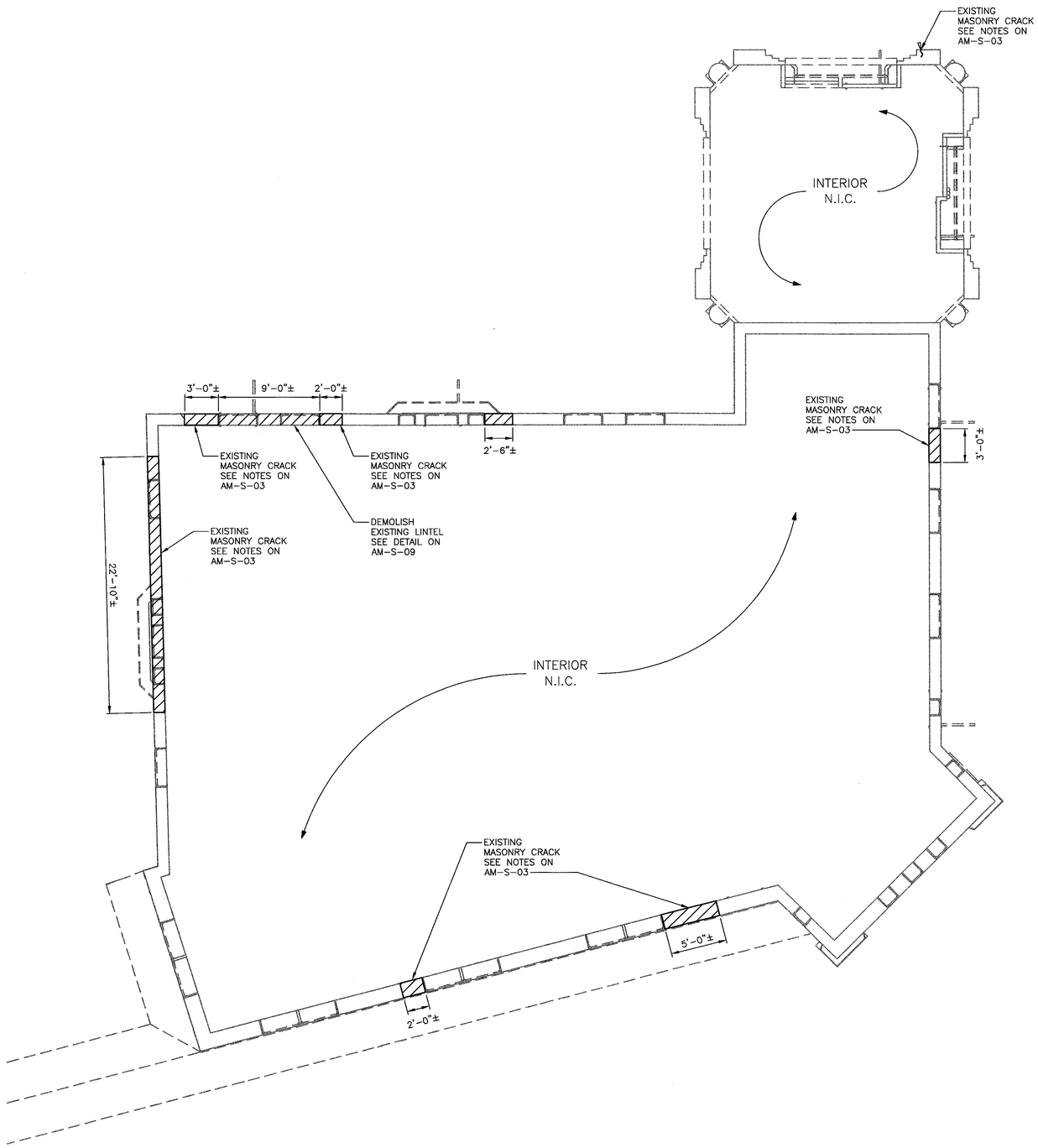

SOUTH ADMIN 2ND FLOOR DEMOLITION PLAN
3/16" = 1'-0"

N

0 4' 8'
SCALE: 3/16" = 1'-0"

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Printed by: Brittle Date: 24 September 2020 5:00 AM Designed by: ----
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CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK — MICHAEL BRAMMER — No. 085394 — PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
DEMOLITION - SECOND FLOOR PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-S-04
DWG NO.:	Page 43 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-S-43
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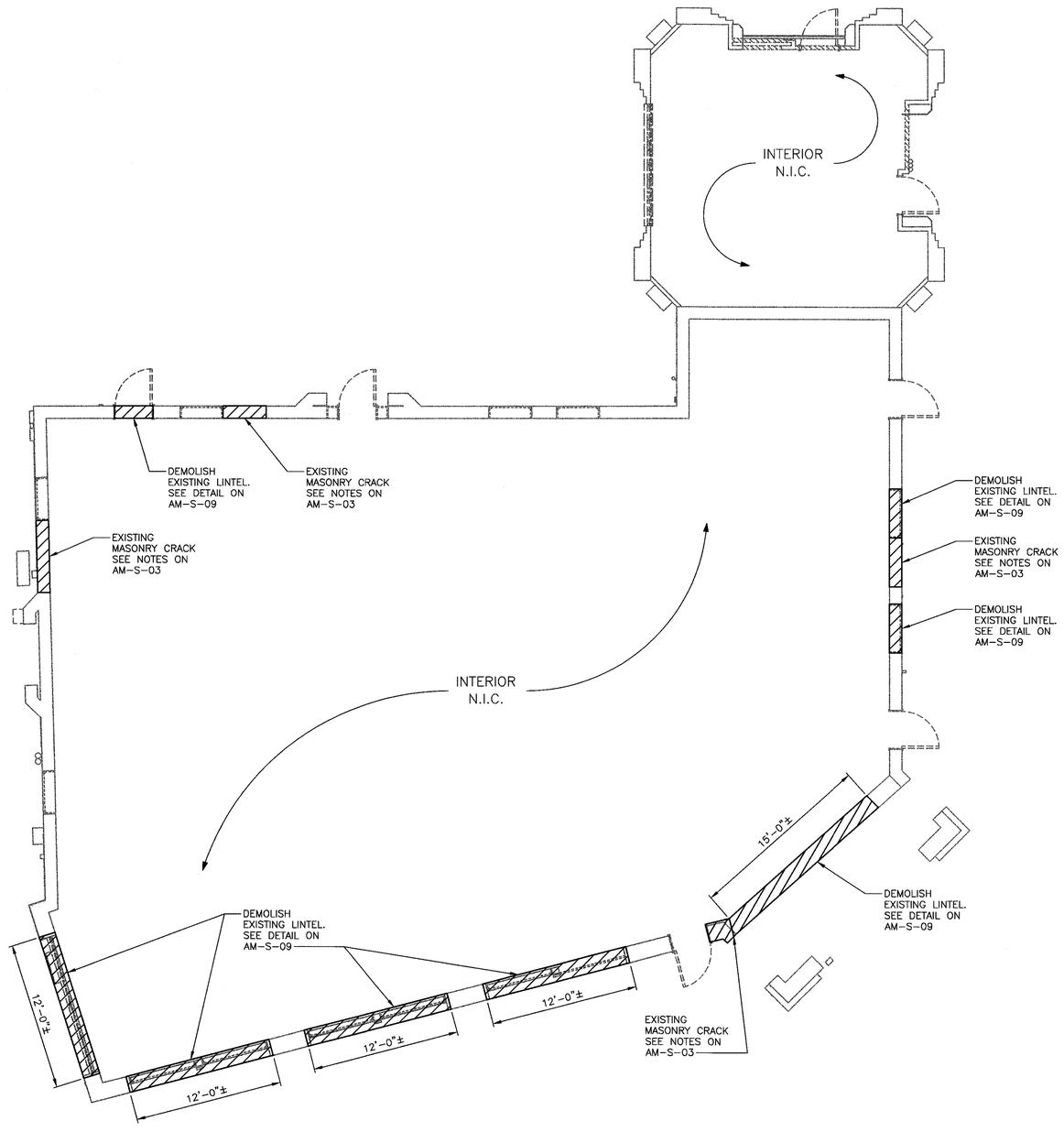

SOUTH ADMIN GROUND FLOOR DEMOLITION PLAN
3/16" = 1'-0"

N

0 4' 8'
SCALE: 3/16" = 1'-0"

Drawing Name: G:\SavinAutocad\2060\25-Playland\CAD\S\AM_S-05.dwg
Rev#: Projectname: ---- Comments: ----
Printed by: BKnittle Date: 24 September 2020 5:00 AM Designed by: ----
Xrefs: [TB_24X36_WestchesterCo_2.dwg] [TSG-SVLOGO.dwg] [AMS-GF0001.dwg]

CONSULTANT INFORMATION
Savin Engineers, P.C.

CONSULTANT SEAL
STATE OF NEW YORK
REGISTERED PROFESSIONAL ENGINEER
No. 065354

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
DEMOLITION - GROUND FLOOR PLAN

CONTRACT NUMBER: 20-501
SHEET NUMBER: AM-S-05
DWG NO.: Page 44 of 387
SCALE: AS SHOWN
DATE: SEPTEMBER 2020
DPW FILE NUMBER: 1-118-S-44
REV. NO.: 0

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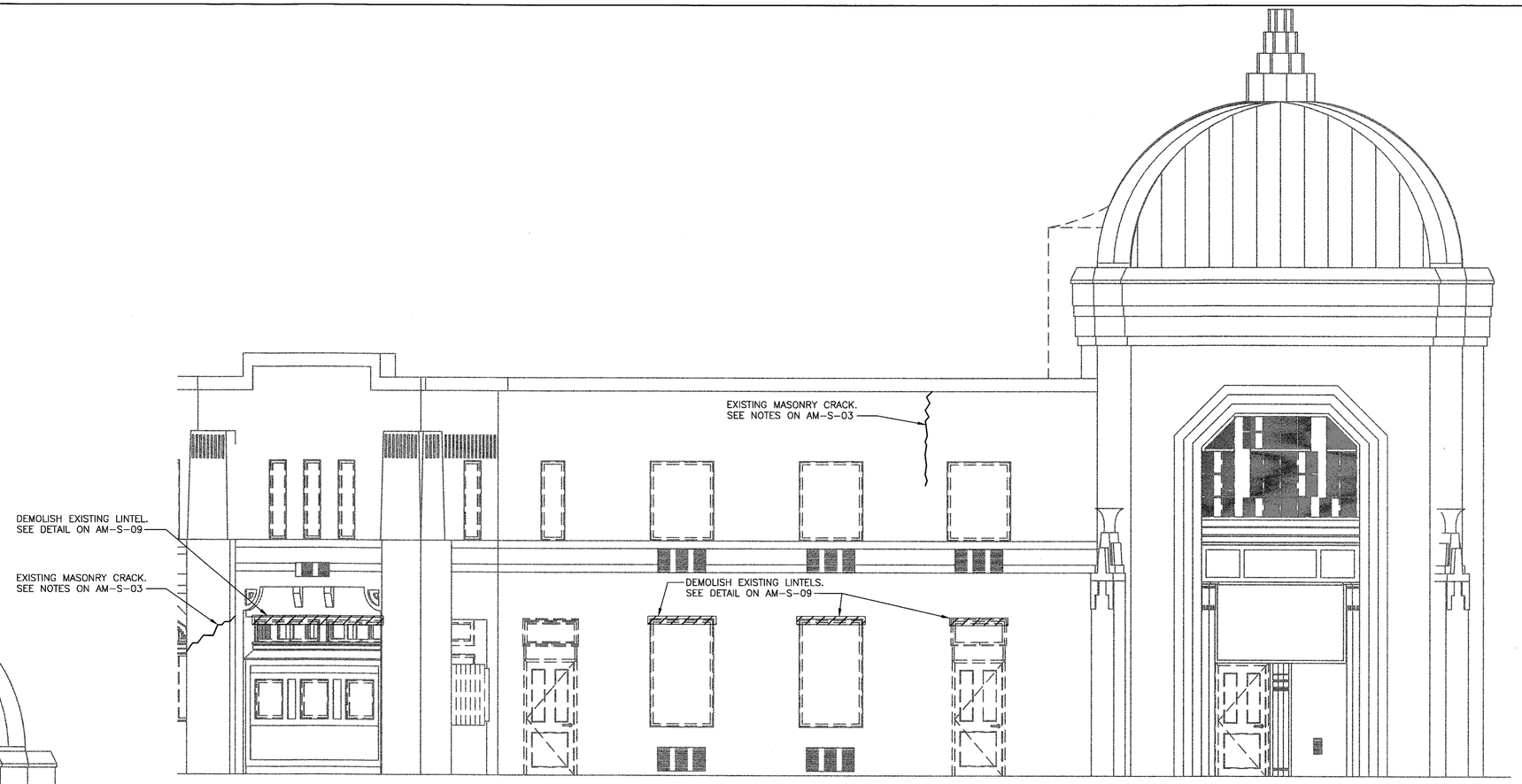
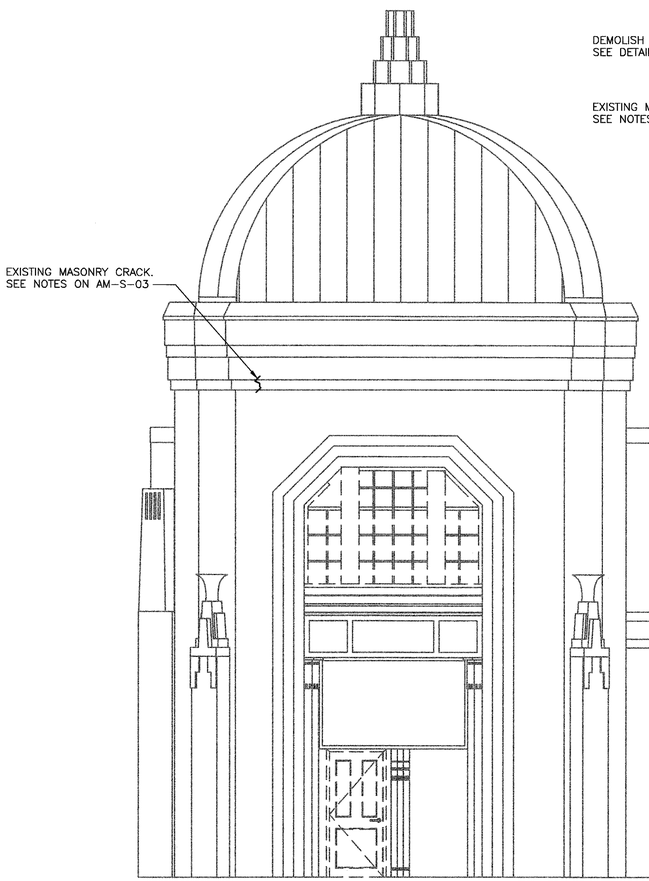
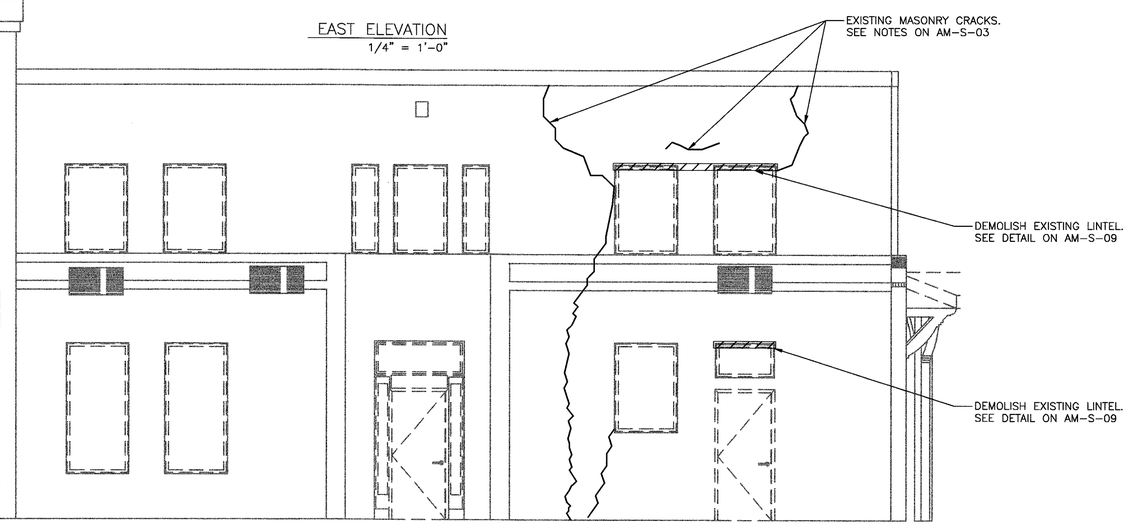


EAST ELEVATION
1/4" = 1'-0"



NORTH ELEVATION
1/4" = 1'-0"



0 4' 8'
SCALE: 1/4" = 1'-0"

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK
MICHAEL J. MORTELLITO
No. 065361
LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
ELEVATIONS 1

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-S-06
DWG NO.:	Page 45 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-S-45
REV. NO.	0

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Rev#: ---- Comments: ----
Xrefs: [TB_24X36_WestchesterCo_2.dwg] [TSC-SVL060.dwg] [AMS-EAST_EL.dwg] [AMS-NORTH_EL.dwg]

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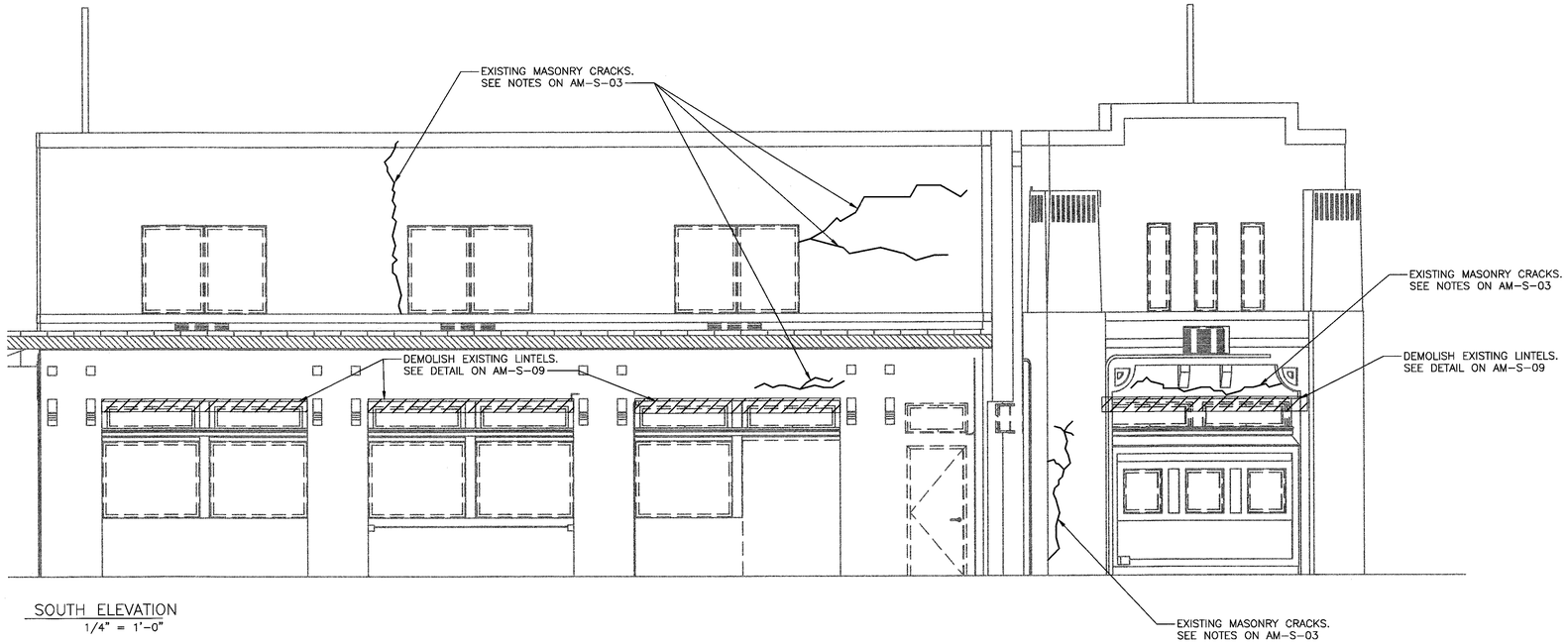
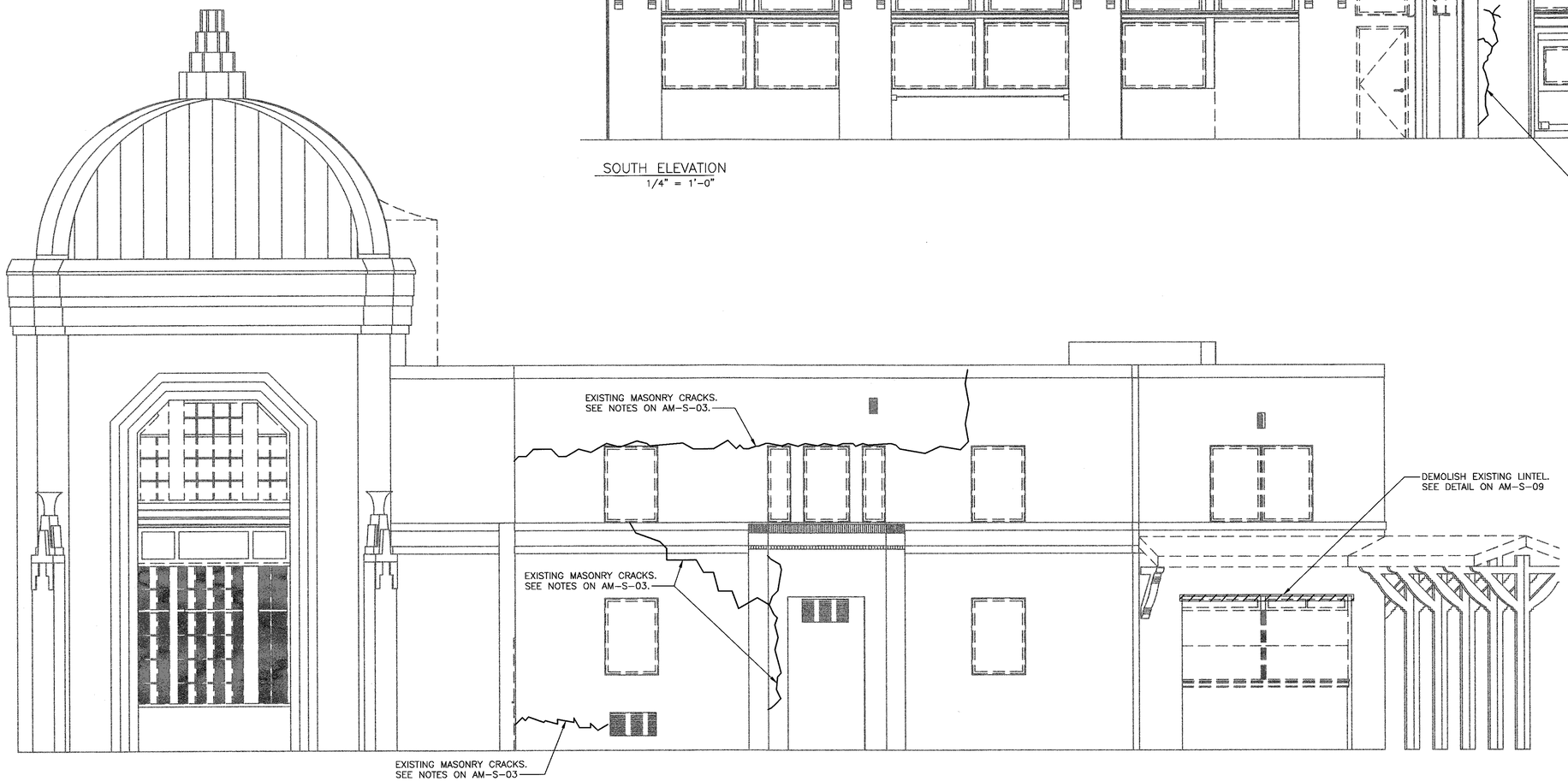


SOUTH ELEVATION
1/4" = 1'-0"



WEST ELEVATION
1/4" = 1'-0"

0 4' 8'
SCALE: 1/4" = 1'-0"

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CONSULTANT INFORMATION
Savin Engineers, P.C.

CONSULTANT SEAL
STATE OF NEW YORK
No. 065354
LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
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CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
ELEVATIONS 2

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-S-07
DWG NO.:	Page 46 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
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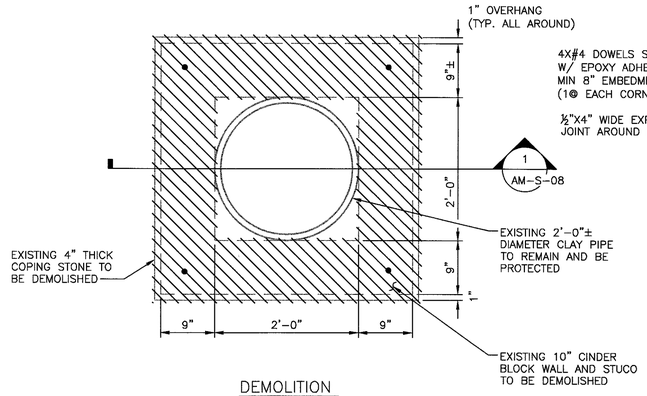

DEMOLITION
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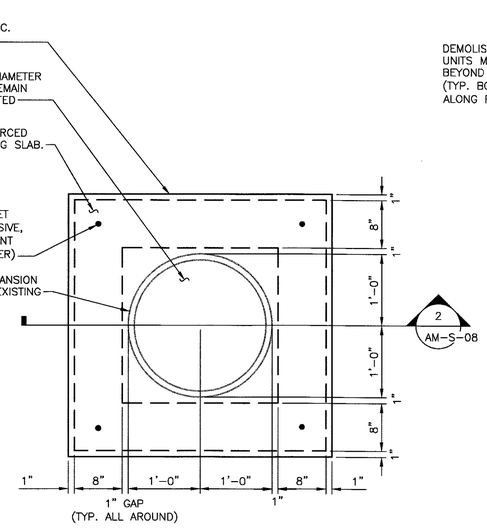

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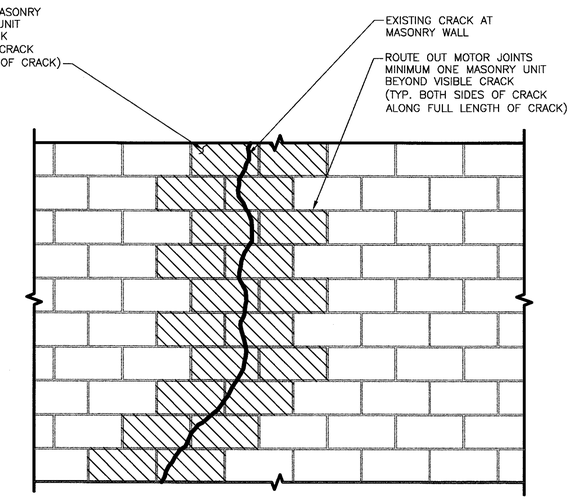

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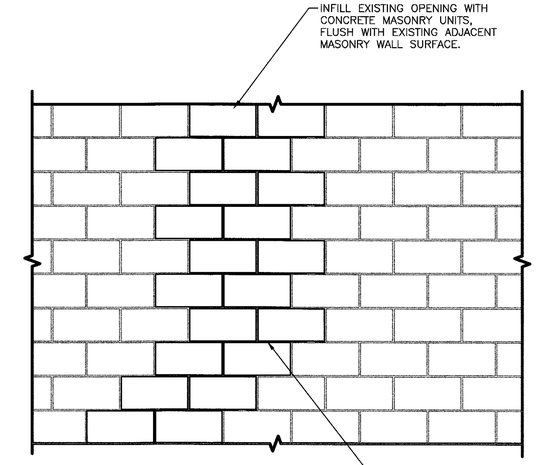
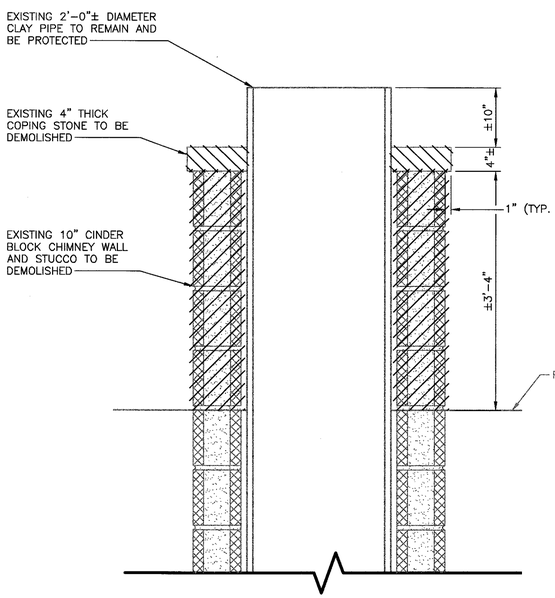


PROPOSED
N.T.S.

B AM-S-08 TYPICAL CRACK REPAIR DETAIL
N.T.S.



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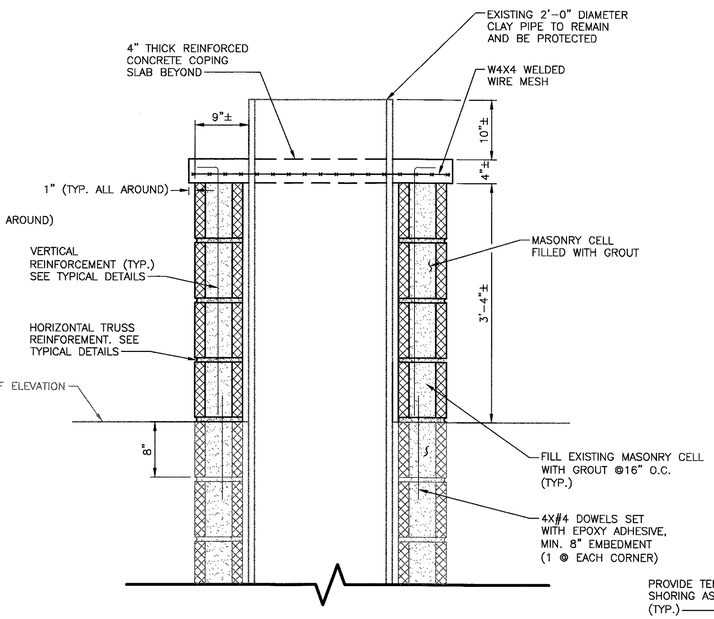
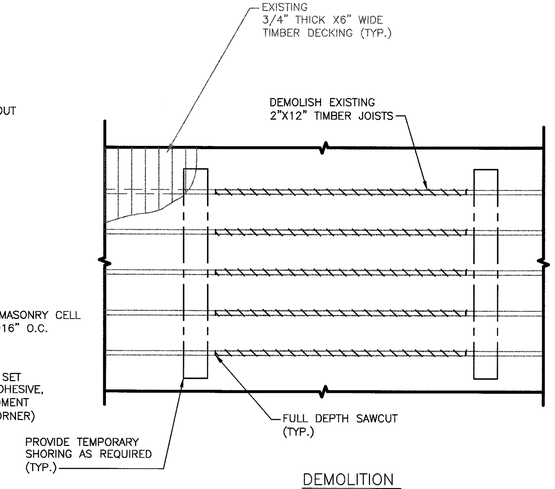


SECTION 2
N.T.S.

A AM-S-08 CHIMNEY REPAIR DETAIL
N.T.S.



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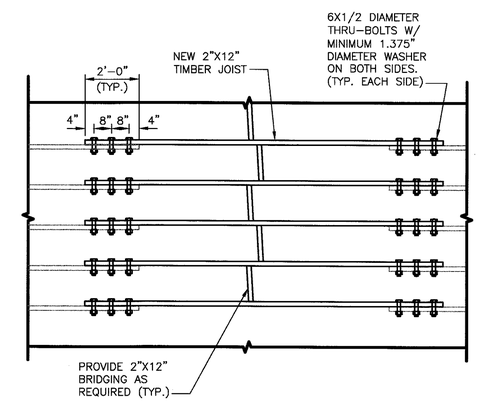

PROPOSED
N.T.S.

C AM-S-08 TYPICAL TIMBER ROOF JOIST REPAIR DETAIL
N.T.S.

NOTE:
ALL STEEL AND HARWARE
SHALL BE HOT-DIPPED
GALVANIZED U.O.N.

CONSULTANT INFORMATION
Savin Engineers, P.C.

CONSULTANT SEAL
STATE OF NEW YORK
MICHAEL FOTIADIS
No. 085394
LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
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CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
DETAILS 1

CONTRACT NUMBER	SHEET NUMBER
20-501	AM-S-08

DWG NO.: Page 47 of 387
SCALE: NONE
DATE: SEPTEMBER 2020
DPW FILE NUMBER: 1-118-S-47
REV. NO. 0

Drawing Name: G:\SavinAutocad\2060\25-Playland\CAD\S\AM_S-08.dwg
Rev# Projectname: Comments:
Printed by: Michelle Date: 24 September 2020 5:01 AM Designed by: ----
Xrefs: [TB_24X36_WestchesterCo_2.dwg] [TSS-SKL050.dwg] [CR-DT0001.dwg] [CR-DT0002.dwg] [TRJ-DT0001.dwg]

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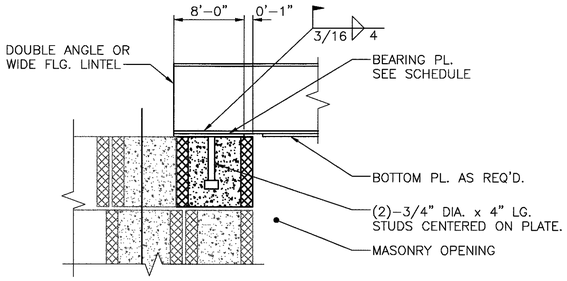


SEQUENCE OF CONSTRUCTION

1. ROUTE OUT EXISTING MORTAR FOR STEEL ANGLES.
2. PROP UP ANGLE AND MARK OUT LOCATION FOR CORE HOLES.
3. CORE DRILL 5/8" DIAMETER HOLES AT 2'-0" O.C. FOR STEEL ANGLE THRU-BOLTS.
4. INSTALL TEMPORARY 6x6x3/8 LINTELS AS SHOWN.
5. INSTALL 1/2" DIAMETER THRU-BOLTS AT 2'-0".
6. DEMOLISH EXISTING STEEL LINTELS AND MASONRY BLOCK 1 COURSE ABOVE EXISTING STEEL LINTEL.
7. INSTALL NEW LINTEL. SEE PLANS AND LINTEL SCHEDULE.
8. REMOVE TEMPORARY 6x6x3/8 LINTELS.
9. FILL CORE DRILL HOLES WITH URETHANE FOAM SEALANT.
10. RESTORE MORTAR JOINTS ON BOTH SIDES.

LINTEL SCHEDULE

TYPE	MAX. SPAN	SECTION	LINTEL SIZE
L-1	4'-0"		8" BOND BEAM WITH 2-#5 BARS
L-2	12'-0"		W8x31 WITH 5/16" PLATE.
L-3	15'-0"		W8x35 WITH 3/8" PLATE.

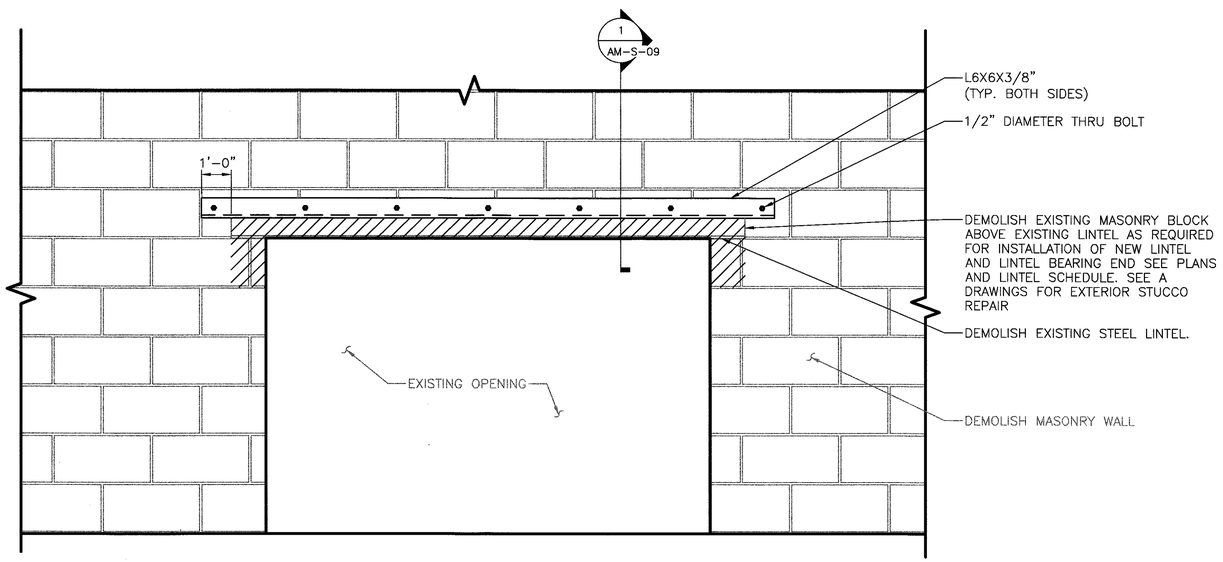
LINTEL SCHEDULE NOTES:

1. UNLESS OTHERWISE NOTED, ALL LINTELS SHALL HAVE A MINIMUM BEARING OF 8 INCHES AT EACH END.
2. UNLESS OTHERWISE NOTED, ON THE PLANS & SECTIONS GROUT A MINIMUM OF 3 COURSES OF CMU BELOW END BEARINGS.
3. ALL FINISHED LINTELS ASSEMBLIES SHALL BE HOT DIPPED GALVANIZED.
4. CONTRACTOR TO SUBMIT LINTEL DETAILS FOR ALL OPENINGS. LINTELS SHALL BE PROVIDED FOR ALL MASONRY OPENINGS AS PER THE LINTEL SCHEDULE UNLESS APPROVED OTHERWISE BY ENGINEER.

LINTEL BEARING PLATE SCHEDULE

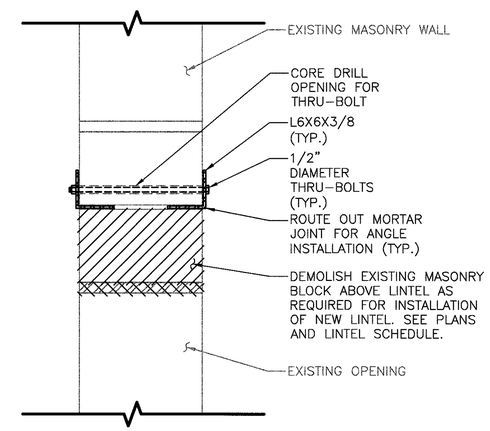
SIZE	REMARKS
3/8"x7"x0'-8"	TYPICAL AT 8" CMU UNO
3/8"x9"x0'-8"	TYPICAL AT 10" CMU UNO
3/8"x11"x0'-8"	TYPICAL AT 12" CMU UNO
ALL BEARING PLATES SHALL HAVE (2)-3/8" DIA x 4" LG ANCHOR STUDS.	

TYPICAL STEEL LINTEL BEARING PLATE DETAIL
N.T.S.



NOTE: SEE SEQUENCE OF CONSTRUCTION.

TYPICAL LINTEL DEMOLITION DETAIL
N.T.S.



1 AM-S-09 SECTION 1"=1'-0"

CONSULTANT INFORMATION
Savin Engineers, P.C.

CONSULTANT SEAL

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT - CHANGES AS NOTED ☐ AS BUILT - NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
DETAILS 2

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-S-09
DWG NO.:	Page 48 of 387
SCALE:	NONE
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-S-48
REV. NO.	0

Drawing Name: G:\SavinAutocad\2060\25-Playland\CAD\S\AM_S-09.dwg
Proj/Rev#: Projectname: ---- Comments: ----
Printed by: BKnittle Date: 24 September 2020 5:01 AM Designed by: ----
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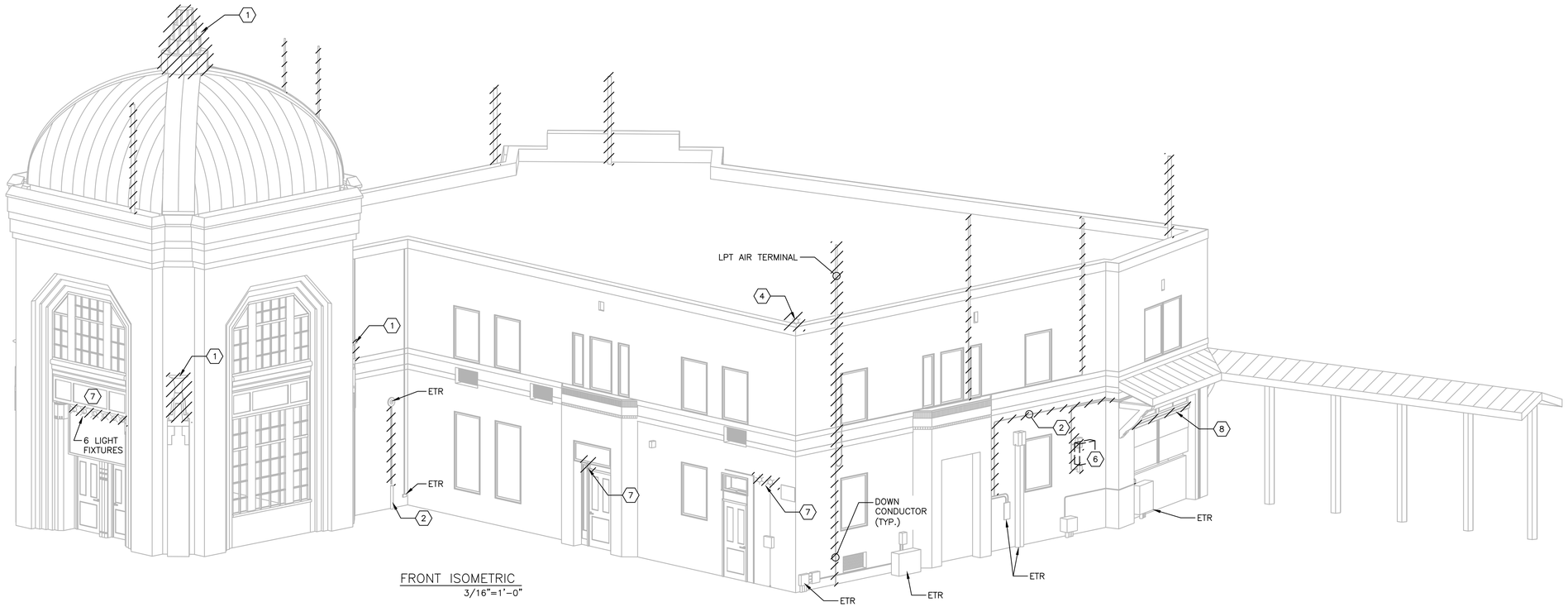


FRONT ISOMETRIC
3/16"=1'-0"

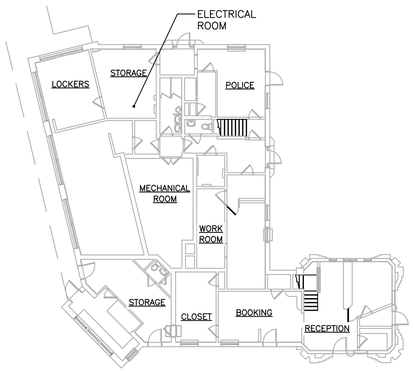
BACK ISOMETRIC
3/16"=1'-0"

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. FOR ROOF DEMOLITION OF POWER AND LIGHTNING PROTECTION SYSTEM, SEE AM-E-02.
3. PROJECT INTENT IS TO "CLEAN UP" THE EXISTING FACADES OF THE BUILDING. CONTRACTOR SHALL SURVEY BUILDING AND DISCONNECT AND REMOVE ALL UNUSED CONDUIT AND WIRE.
4. CONTRACTOR BEFORE STARTING DEMOLITION SHALL INVESTIGATE AND RECORD, ALL EXISTING CABLE AND CONDUIT SHALL BE DOCUMENTED PRIOR TO REMOVAL. INVESTIGATION SHALL INCLUDE BUT NOT BE LIMITED TO, POWER SOURCES FOR EACH EQUIPMENT. CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR REVIEW PRIOR TO THE START OF DEMOLITION WORK.
5. LPS DOWN CONDUCTORS SHALL BE REMOVED TO 6" BELOW FINISHED GRADE.
6. ALL ASSOCIATED CIRCUITING TO BE DEMOLISHED FOR ELECTRICAL EQUIPMENT AND LIGHTING FIXTURES SHOWN SHALL ASSUME TO BE 3/4" CONDUIT WITH 2#12, 1#12G, UNLESS NOTED OTHERWISE, AND SHALL BE DEMOLISHED BACK TO PANEL-2, LOCATED INSIDE EXISTING ELECTRICAL ROOM. EACH EQUIPMENT IS ASSUMED TO HAVE IT'S OWN INDIVIDUAL CIRCUIT BACK TO PANEL-2.

KEY NOTES:

1. TORCHIERE AND LANTERN FIXTURES TO BE RESTORED WITH NEW LED COMPONENTS. REFER TO ARCHITECTURAL DRAWINGS FOR RESTORATION DETAILS. CARE SHALL BE TAKEN SO AS NOT TO DAMAGE EXISTING FIXTURES DURING DEMOLITION. REMOVE CABLE AND CONDUIT BACK TO ELECTRICAL ROOM PANEL.
2. REMOVE EXPOSED EXISTING ABANDONED CONDUIT.
3. REMOVE EXISTING CABLE. ASSUME 150 FEET FOR BIDDING PURPOSES.
4. REMOVE EXISTING LIGHT FIXTURE WITH CABLE AND CONDUIT BACK TO ELECTRICAL ROOM PANEL.
5. REMOVE RECEPTACLE WITH CABLE AND CONDUIT BACK TO ELECTRICAL ROOM PANEL.
6. REMOVE EXISTING JUNCTION BOX WITH CABLE AND CONDUIT BACK TO ELECTRICAL ROOM PANEL. THIS INCLUDES SWITCHES AND ACCESSORIES.
7. REMOVE EXISTING LIGHT FIXTURES WITH CABLE AND CONDUIT BACK TO ELECTRICAL ROOM PANEL. THIS INCLUDES ASSOCIATED SWITCHES AND ACCESSORIES.
8. CONTRACTOR SHALL REMOVE EXISTING LIGHTING FROM THIS AREA DURING STRUCTURAL WORK. CONTRACTOR SHALL TEMPORARILY SUPPORT AND PROTECT FIXTURES AND CIRCUITS DURING CONSTRUCTION.



PLAN VIEW
1/16"=1'-0"

0 16' 32'
SCALE: 1/16" = 1'-0"

0 4' 8'
SCALE: 3/16" = 1'-0"

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CONSULTANT INFORMATION

Savin Engineers, P.C.

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STATE OF NEW YORK · DAVID G. FREDERICKS · 086076 · LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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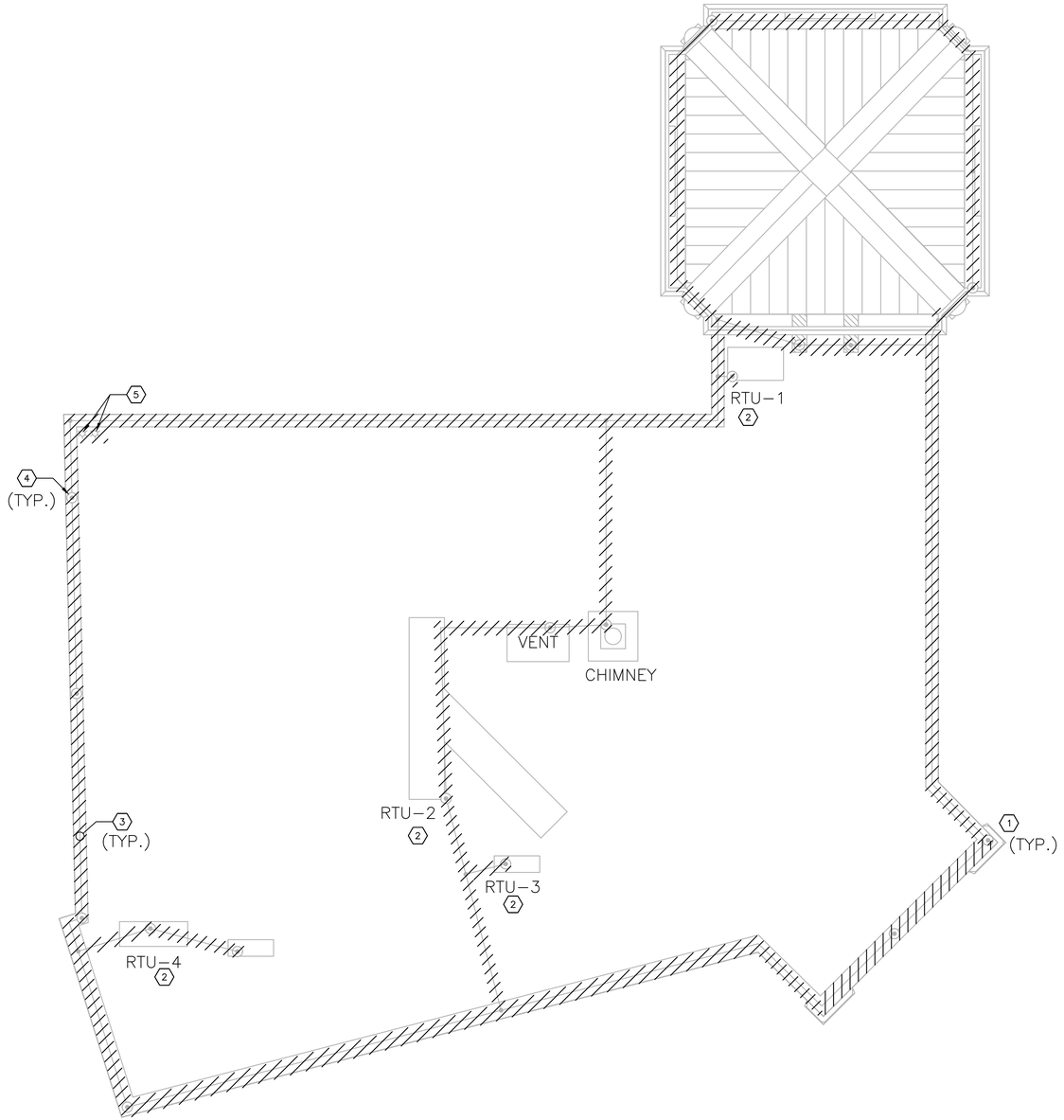
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
DEMOLITION - EXTERIOR POWER

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-E-01
DWG NO.:	Page 49 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-E-49
REV. NO.	0



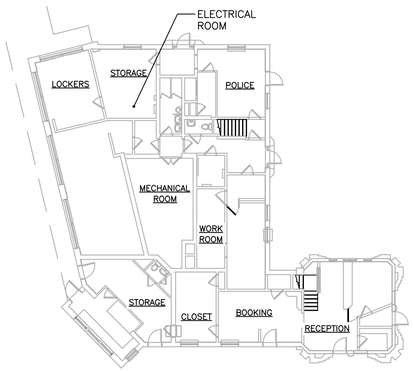
SOUTH ADMIN ROOF PLAN
3/16" = 1'-0"

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. UNLESS NOTED OTHERWISE, DISCONNECT AND REMOVE ALL LIGHTNING PROTECTION AIR TERMINALS, COPPER WIRE ROPE, DOWN CONDUCTORS, CONDUITS, FITTINGS, SUPPORTS, ETC., FOR COMPLETE REMOVAL OF THE LPS.

KEY NOTES:

1. DEMOLISH ALL LPS DOWN-CONDUCTORS. ASSUME 600 FEET FOR BIDDING PURPOSES.
2. EXISTING POWER AND CONTROL CABLE AND CONDUIT FOR HVAC EQUIPMENT SHALL REMAIN AND BE PROTECTED DURING CONSTRUCTION.
3. REMOVE EXISTING LPS COPPER WIRE ROPE. REMOVE ALL DOWN CONDUCTORS,
4. REMOVE EXISTING LPS AIR TERMINALS. CONTRACTOR IS ADVISED, NOT ALL AIR TERMINALS, WIRE ROPE AND DOWN CONDUCTORS ARE SHOWN.
5. REMOVE EXISTING LIGHT FIXTURES, CABLE AND CONDUIT BACK TO ELECTRIC ROOM PANEL. THIS INCLUDES ASSOCIATED SWITCHES AND ACCESSORIES.



2 PLAN VIEW
1/16"=1'-0"

0 16' 32'
SCALE: 1/16" = 1'-0"

0 4' 8'
SCALE: 3/16" = 1'-0"

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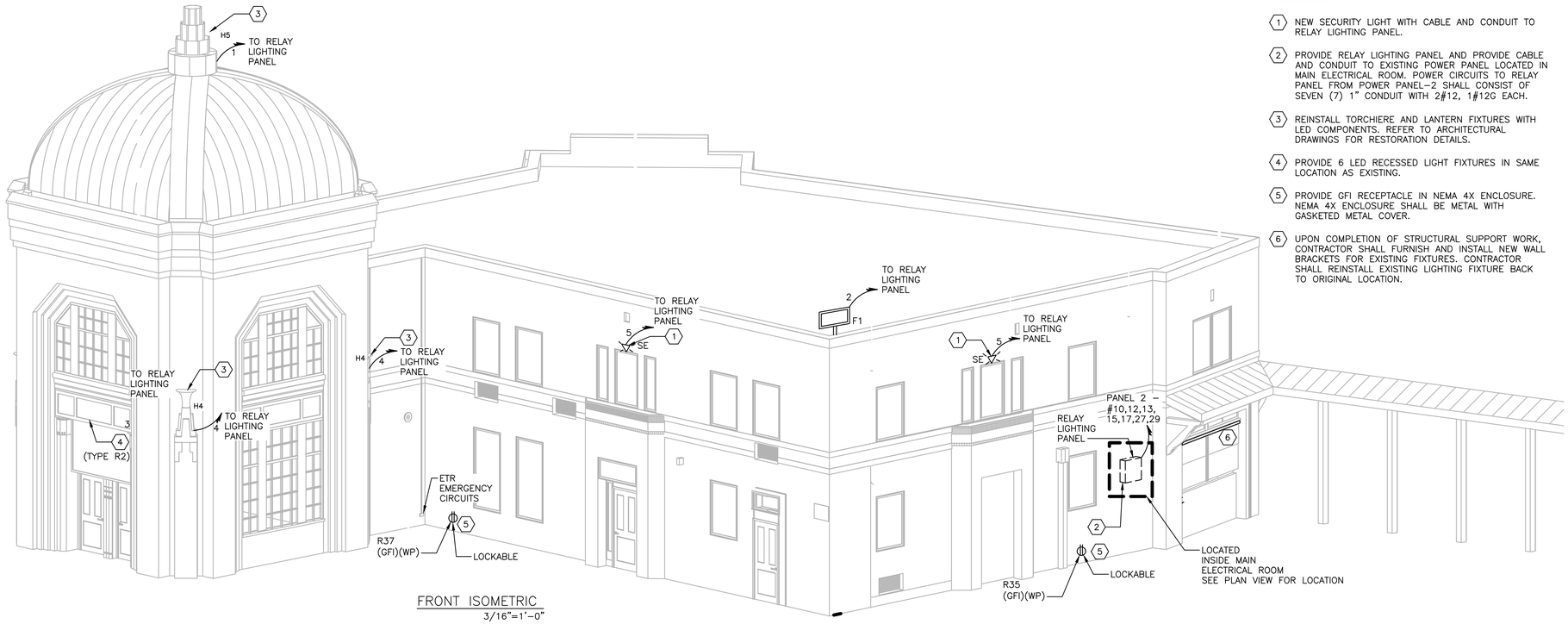
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
DEMOLITION - ROOF, POWER AND LIGHTNING PROTECTION

CONTRACT NUMBER	20-501
SHEET NUMBER	AM-E-02
DWG NO.	Page 50 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-E-50
REV. NO.	0



FRONT ISOMETRIC
3/16"=1'-0"

BACK ISOMETRIC
3/16"=1'-0"

KEY NOTES:

1. NEW SECURITY LIGHT WITH CABLE AND CONDUIT TO RELAY LIGHTING PANEL.
2. PROVIDE RELAY LIGHTING PANEL AND PROVIDE CABLE AND CONDUIT TO EXISTING POWER PANEL LOCATED IN MAIN ELECTRICAL ROOM. POWER CIRCUITS TO RELAY PANEL FROM POWER PANEL–2 SHALL CONSIST OF SEVEN (7) 1" CONDUIT WITH 2#12, 1#12G EACH.
3. REINSTALL TORCHIERE AND LANTERN FIXTURES WITH LED COMPONENTS. REFER TO ARCHITECTURAL DRAWINGS FOR RESTORATION DETAILS.
4. PROVIDE 6 LED RECESSED LIGHT FIXTURES IN SAME LOCATION AS EXISTING.
5. PROVIDE GFI RECEPTACLE IN NEMA 4X ENCLOSURE. NEMA 4X ENCLOSURE SHALL BE METAL WITH GASKETED METAL COVER.
6. UPON COMPLETION OF STRUCTURAL SUPPORT WORK, CONTRACTOR SHALL FURNISH AND INSTALL NEW WALL BRACKETS FOR EXISTING FIXTURES. CONTRACTOR SHALL REINSTALL EXISTING LIGHTING FIXTURE BACK TO ORIGINAL LOCATION.

NOTES:

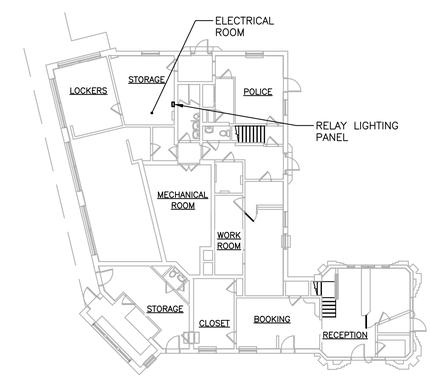
1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE–E–01.
2. FOR ROOF PROPOSED POWER AND LIGHTNING PROTECTION SYSTEM, SEE DRAWING AM–E–04.
3. BEFORE ANY LIGHT FIXTURES AND/OR CONTROLS ARE PURCHASED, CONTRACTOR SHALL SUBMIT, FOR APPROVAL BY THE ENGINEER, A COMPLETE SET OF DRAWINGS SHOWING ALL CONTROL COMPONENTS AND WIRING DIAGRAMS ASSOCIATED WITH FIXTURE CONTROL. TYPICAL LIGHTING CONTROL WIRING DIAGRAMS WILL NOT BE ACCEPTABLE.
4. FOR ADDITIONAL INFORMATION, SEE LIGHTING FIXTURE SCHEDULE ON DRAWING GE–E–03.
5. NEW CABLE AND CONDUIT SHALL BE INSTALLED CONCEALED. ALL CONDUIT SHALL BE RIGID GALVANIZED STEEL (RGS).
6. FOR LIGHTING PANEL SCHEDULE REFER TO DRAWING AM–E–05.
7. NEW POWER TO RECEPTACLES SHALL BE FROM EXISTING PANEL 2. USE #12AWG WIRE.
8. ALL LIGHTING FIXTURES SHALL BE CIRCUITED TO NEW RELAY CONTROL PANEL, ALL CIRCUIT NUMBERS ADJACENT TO LIGHTING FIXTURES SHALL REPRESENT THE RELAY PANEL LIGHTING CIRCUITS.
9. NUMBER DESIGNATORS ADJACENT TO THE LIGHTING FIXTURE ARE CIRCUIT NUMBERS ASSOCIATED WITH RELAY PANEL RP.
10. NOT ALL POWER WIRING SHOWN ON DRAWINGS. CONTRACTOR SHALL DAISY CHAIN THE FIXTURES WITH THE SAME CIRCUIT NUMBERS. CONTRACTOR SHALL FURNISH AND INSTALL 3/4" CONDUIT WITH 2#12, 1#12G AWG. FOR ALL DAISY–CHAINED POWER WIRING NOT SHOWN. FOR ALL CONDUITS WITHIN THE DAISY–CHAIN LOOP BACK TO RELAY PANEL RP.
11. ALL CIRCUITS SHOWN ON DRAWING SHALL BE 3/4" WITH 2#12, 1 #12G. AWG.
12. ALL LIGHTING CONTROL COMPONENTS SHALL BE FROM A SINGLE MANUFACTURER, AND MUST BE FROM THE SAME MANUFACTUER AS ALL BUILDINGS WITHIN THE CONTRACT. EQUIPMENT INCLUDES BUT NOT LIMITED TO OCCUPANCY SENSORS, RELAY/POWER PACKS, SWITCHES, RELAY PANELS, PHOTOSENSOR, ETC.
13. LIGHTING CONTROLS SELECTED SHALL HAVE THE CAPABILITY TO BE CONNECTED TO A MASTER HEAD–END SYSTEM (FUTURE CONTRACT)
14. ALL OUTDOOR LIGHTING SHALL BE POWERED VIA RELAY PANEL RP. RELAY PANEL SHALL BE EQUIPPED WITH BOTH A BUILT–IN TIME CLOCK AND A PHOTOSENSOR CONTROLLED.
15. FOR EXTERIOR LIGHTING CONTROL WIRING INFORMATION SEE EXTERIOR ADMINISTRATION BUILDING WIRIING DETAIL ON DRAWING AM–E–05.
16. PHOTOSENSOR SHALL BE PLACED AT THE NORTHEAST CORNER OF THE BUILDING. CONTRACTOR SHALL DETERMINE LOCATION IN THE FIELD.
17. ALL POWER RECEPTACLES, PANELS, ETC. SHALL BE POWERED FROM EXISTING PANELBOARD PANEL–2, UNLESS OTHERWISE NOTED.
18. PANEL–2 IS LOCATED WITHIN THE EXISTING ELECTRICAL ROOM.

SEQUENCE OF OPERATION:

OUTDOOR LIGHTING:

SUMMARY: PHOTOSENSOR–CONTROLLED: NORMAL LIGHTING LOAD

- ALL OUTDOOR LIGHTING SHALL BE PHOTOSENSOR CONTROLLED VIA A RELAY PANEL. OUTDOOR LIGHTING SHALL BE ON DURING DUSK TO DAWN.



PLAN VIEW
1/16"=1'-0"

SCALE: 1/16" = 1'-0"

SCALE: 3/16" = 1'-0"

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PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
PROPOSED - EXTERIOR POWER

CONTRACT NUMBER	SHEET NUMBER
20-501	AM-E-03

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SCALE: AS SHOWN
DATE: SEPTEMBER 2020
DPW FILE NUMBER 1-118-E-51 REV. NO. 0

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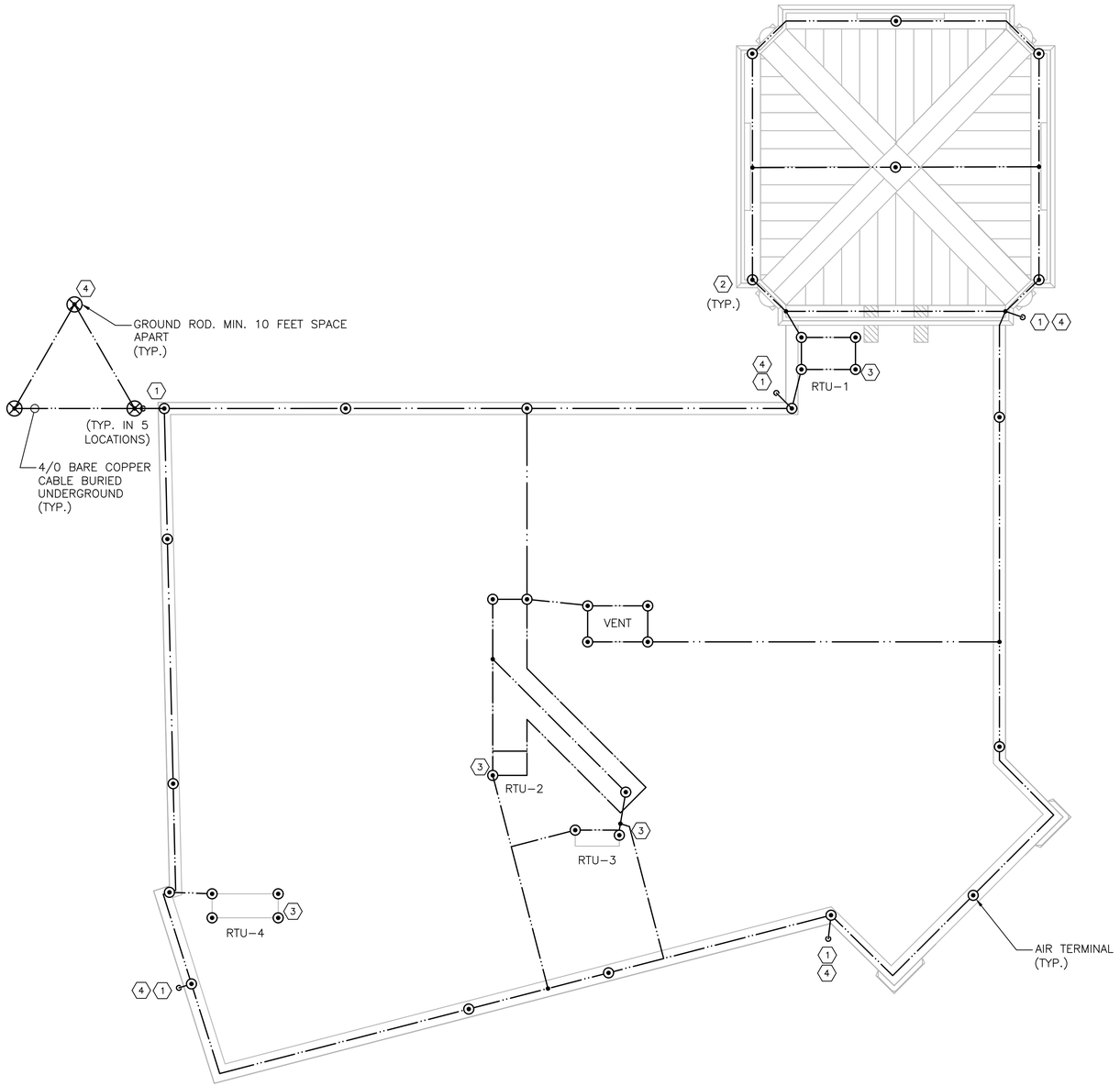


SOUTH ADMIN ROOF PLAN

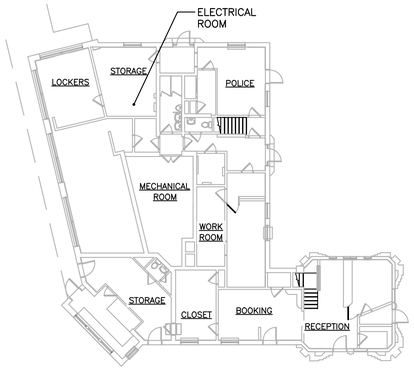
3/16" = 1'-0"

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. CONTRACTOR IS ADVISED, THE LIGHTNING PROTECTION SYSTEM SHOWN SHALL BE USED AS A GUIDE AND FOR BIDDING PURPOSES. CONTRACTOR SHALL HIRE A CERTIFIED LIGHTNING PROTECTION SPECIALIST FOR INSTALLATION OF NEW SYSTEM. INSTALLER SHALL PROVIDE ALL THAT IS REQUIRED (PER NFPA 780) AND SHALL OBTAIN UL96A CERTIFICATION (MASTER LABEL) UPON COMPLETION. ADDITIONALLY, INSTALLER SHALL PROVIDE FOR ALL NECESSARY BONDING FOR COMPLETE SYSTEM.
3. CONTRACTOR SHALL COORDINATE WITH THE ARCHITECTURAL DRAWINGS FOR SPECIFIC INFORMATION ON THE NEW ROOF STRUCTURE AND MATERIALS.

KEY NOTES:

1. TO MINIMIZE THE VISUAL IMPACT OF THE BUILDING ALL NEW DOWN CONDUCTORS SHALL BE ROUTED DOWN SIDE OF BUILDING. COORDINATE WITH ARCHITECTURAL FEATURES TO CONCEAL DOWN CONDUCTORS. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES TO ACCOMPLISH THIS WORK. PROVIDE LPS BARE COPPER CABLE TO GROUND RODS.
2. CONTRACTOR IS ADVISED THE NEW DOWN CONDUCTOR SHALL BE BONDED TO THE LOWER METAL OVERHANG ROOF AND CONNECT TO THE EXISTING GROUND WIRE AND GROUND ROD AT GROUND LEVEL.
3. RECONNECT EXISTING POWER AND CONTROL CABLE AND CONDUIT TO HVAC EQUIPMENT. EXTEND WITH NEW IF REQUIRED. ALL WIRING SHALL MATCH EXISTING. CONNECTIONS INCLUDE BOTH POWER AND CONTROL.
4. AT EACH LPS DOWN CONDUCTOR, PROVIDE TRIANGULAR GROUND GRID AS SHOWN (NOT ALL SHOWN),



2 PLAN VIEW

1/16"=1'-0"

SCALE: 1/16" = 1'-0"

SCALE: 3/16" = 1'-0"

Savin Engineers, P.C.

STATE OF NEW YORK — DAVID G. FREDERICKS — 086076 — LICENSED PROFESSIONAL ENGINEER

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DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
PROPOSED ROOF POWER AND LIGHTNING PROTECTION

CONTRACT NUMBER	SHEET NUMBER
20-501	AM-E-04

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SCALE: AS SHOWN

DATE: SEPTEMBER 2020

DPW FILE NUMBER 1-118-E-52 REV. NO. 0

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PANEL 2 — LOCATION: MAIN ELECTRIC ROOM

1 NEMA RATING
150 AMP BUS RATING MCB — 42 KA SHORT CIRCUIT RATING — 3 POLES
208/120 VOLTS 3 PHASE 4 WIRE 60 HZ — ELECTRONIC GRADE: NO — MOUNTING: SURFACE

CIRCUIT NO.	DESCRIPTION	LOAD KVA PHASE A	PHASE B	PHASE C	BREAKER AMPS/ POLES	NOTES	CIRCUIT NO.	DESCRIPTION	LOAD KVA PHASE A	PHASE B	PHASE C	BREAKER AMPS/ POLES	NOTES
1	BLANK						2	SPARE				20/1	
3	SPARE				20/1		4	SPARE				20/1	
5	SPARE				20/1		6	SPARE				20/1	
7	SPARE				?/3		8	SPARE				20/1	
9							10	SPARE				20/1	
11							12	SPARE				20/1	
13	SPARE				?/3		14	SPARE				20/1	
15							16	SPARE				20/1	
17							18	SPARE				20/1	
19	SPARE				?/2		20	BLANK				20/1	
21							22	SPARE				20/1	
23	SPARE				20/1		24	SPARE				20/1	
25	SPARE				?/3		26	MAIN FOR UNKNOWN				?/3	
27							28						
29							30						
31	SPARE				?/2		32	BLANK				20/1	
33							34	BLANK				20/1	
35	BLANK				20/1		36	BLANK				20/1	
37	BLANK				20/1		38	BLANK				20/1	
39	BLANK				20/1		40	BLANK				20/1	
41	BLANK				20/1		42	BLANK				20/1	
	TOTAL PHASE KVA THIS SIDE	0	0	0				TOTAL PHASE KVA THIS SIDE	0	0	0		
								TOTAL KVA PER PHASE	0	0	0		
								TOTAL THREE PHASE KVA		0			

NOTES:
1.
2.
3.
4.

NOTES CONT:
5.
6.
7.
8.

EXISTING PANEL

PANEL 2 — LOCATION: MAIN ELECTRIC ROOM

1 NEMA RATING
150 AMP BUS RATING MCB — 42 KA SHORT CIRCUIT RATING — 3 POLES
208/120 VOLTS 3 PHASE 4 WIRE 60 HZ — ELECTRONIC GRADE: NO — MOUNTING: SURFACE

CIRCUIT NO.	DESCRIPTION	LOAD KVA PHASE A	PHASE B	PHASE C	BREAKER AMPS/ POLES	NOTES	CIRCUIT NO.	DESCRIPTION	LOAD KVA PHASE A	PHASE B	PHASE C	BREAKER AMPS/ POLES	NOTES
1	BLANK						2	SPARE				20/1	
3	SPARE				20/1		4	SPARE				20/1	
5	SPARE				20/1		6	SPARE				20/1	
7	SPARE				?/3		8	SPARE				20/1	
9							10	RELAY LIGHTING PANEL		2		20/1	1
11							12	RELAY LIGHTING PANEL			2	20/1	1
13	RELAY LIGHTING PANEL	2			20/1	1	14	SPARE				20/1	
15	RELAY LIGHTING PANEL		2		20/1	1	16	SPARE				20/1	
17	RELAY LIGHTING PANEL			2	20/1	1	18	SPARE				20/1	
19	SPARE				?/2		20	BLANK				20/1	
21							22	SPARE				20/1	
23	SPARE				20/1		24	SPARE				20/1	
25	UNKNOWN				20/1		26	MAIN FOR UNKNOWN				?/3	
27	RELAY LIGHTING PANEL		2		20/1	1	28						
29	RELAY LIGHTING PANEL			2	20/1	1	30						
31	OUTDOOR RECEPTACLE 1	0.5			20/1	1	32	BLANK				20/1	
33	OUTDOOR RECEPTACLE 2		0.5		20/1	1	34	BLANK				20/1	
35	OUTDOOR RECEPTACLE 3			0.5	20/1	1	36	BLANK				20/1	
37	OUTDOOR RECEPTACLE 4	0.5			20/1	1	38	BLANK				20/1	
39	SPARE				20/1		40	BLANK				20/1	
41	SPARE				20/1		42	BLANK				20/1	
	TOTAL PHASE KVA THIS SIDE	3	4.5	4.5				TOTAL PHASE KVA THIS SIDE	0	2	2		
								TOTAL KVA PER PHASE	3	6.5	6.5		
								TOTAL THREE PHASE KVA		18			

NOTES:
1. PROVIDE NEW CIRCUIT BREAKER AS SHOWN, BREAKERS SHALL HAVE SAME KA RATING AS EXISTING PANELBOARD
2.
3.
4.

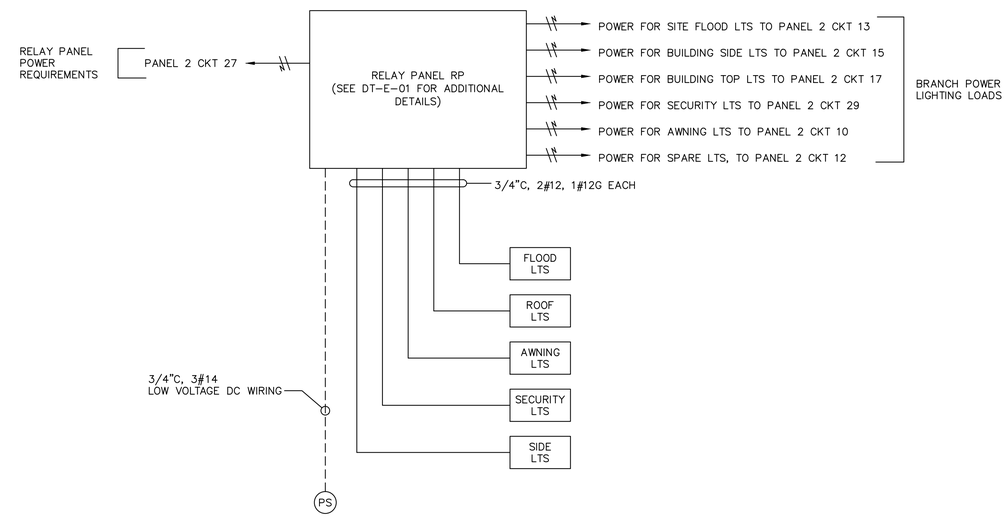
NOTES CONT:
5.
6.
7.
8.

MODIFIED PANEL

NOTES:
1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.

RELAY LIGHTING PANEL — LOCATION: ELECTRICAL/ STORAGE ROOM

CIRCUIT NO.	DESCRIPTION	NOTES
1	ACORN LIGHTS	
2	SITE FLOOD LIGHTS	
3	RECESSED FIXTURES	
4	TORCHIERE WALL LIGHTS	
5	SECURITY LIGHTS	
6	SPARE	



EXTERIOR ADMINISTRATION BUILDING WIRING DETAIL

NOTES:
1. HOME RUNS SHOWN IN WIRING DETAIL SHALL BE 3/4" CONDUIT WITH 2#12, 1#12G.

LIGHTING CONTROL LEGEND

SYMBOL	DESCRIPTION
RP	RELAY TIME CONTROL PANEL PROGRAMMABLE ZONE CONTROL PANEL UP TO 1 ADDRESS PER RELAY/DIMMING OUTPUT EQUIPPED WITH 0-10V DIMMING OUTPUT PER RELAY CATALOG NUMBER: ARP INTENCOBNLT-8SR-MVOLT-1VB-HLK-S-DTC OR APPROVED EQUAL
PS	ANALOG PHOTOCELL PHOTO SENSOR SUITABLE FOR OUTDOOR APPLICATIONS. CATALOG NUMBER: LSA-APS-OL OR APPROVED EQUAL

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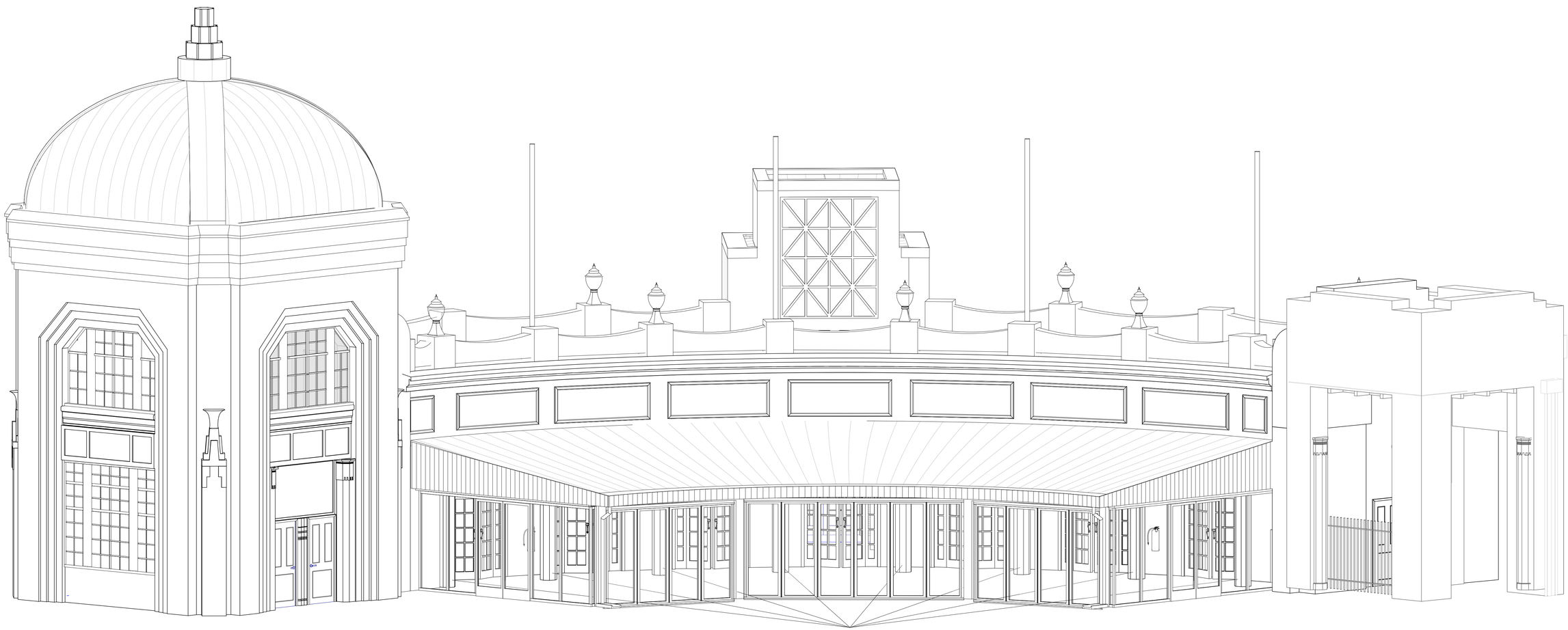
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
ADMINISTRATION BUILDING
SCHEDULES

CONTRACT NUMBER: 20-501
SHEET NUMBER: AM-E-05
DWG NO.: Page 53 of 387
SCALE: AS SHOWN
DATE: SEPTEMBER 2020
DPW FILE NUMBER: 1-118-E-53
REV. NO.: 0

NORTH ADMINISTRATION BUILDING



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CONSULTANT INFORMATION

The LiRo Group

3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031047 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
BUILDING 3D VIEW

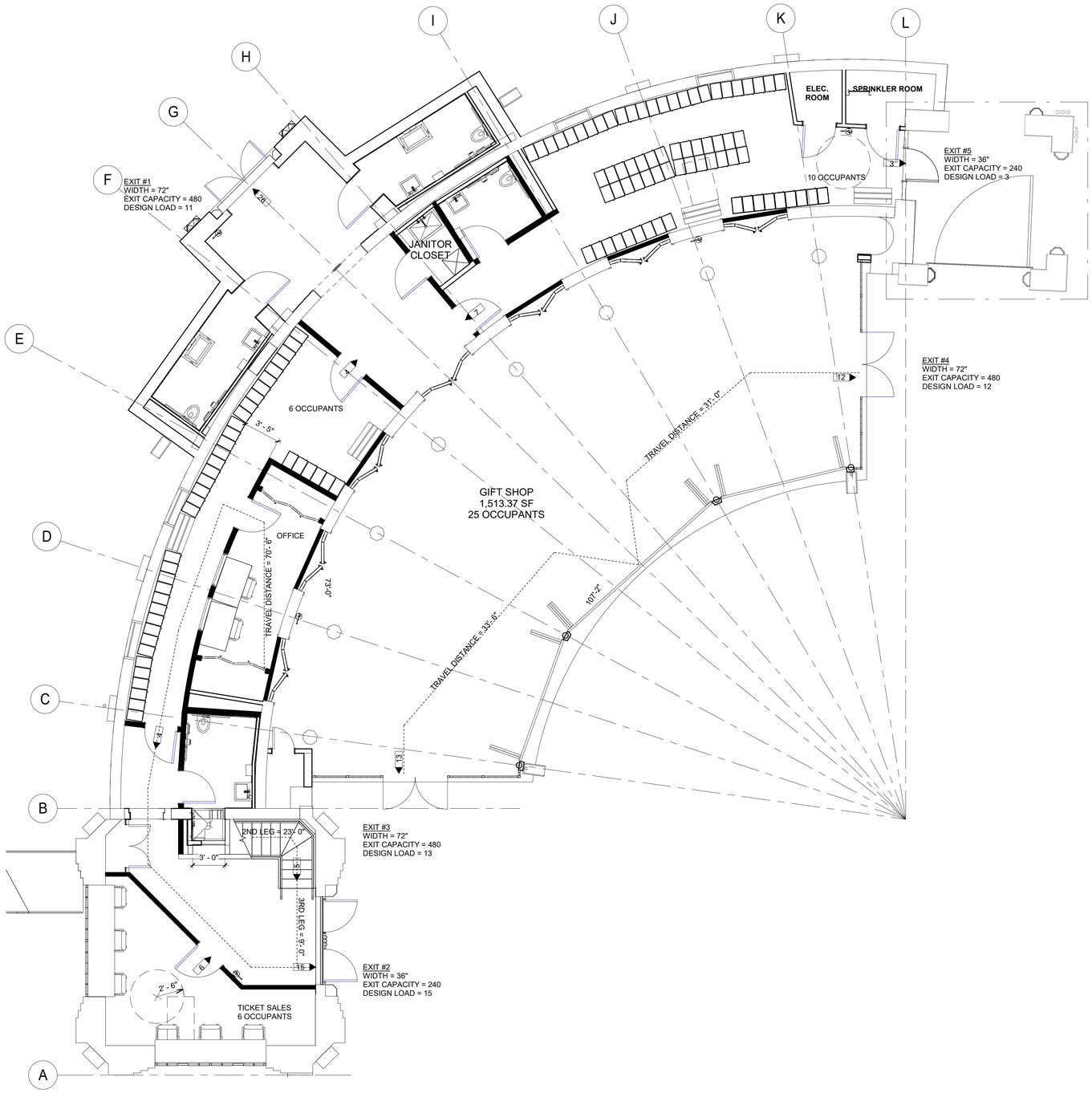
CONTRACT NUMBER	SHEET NUMBER
20-501	NA-G-01

DWG NO.: Page 54 of 387

SCALE:

DATE: 09/16/2020

DPW FILE NUMBER 1-118-A-54 REV. NO. 0



1 GROUND FLOOR EGRESS PLAN AND CODE ANALYSIS
3/16" = 1'-0"

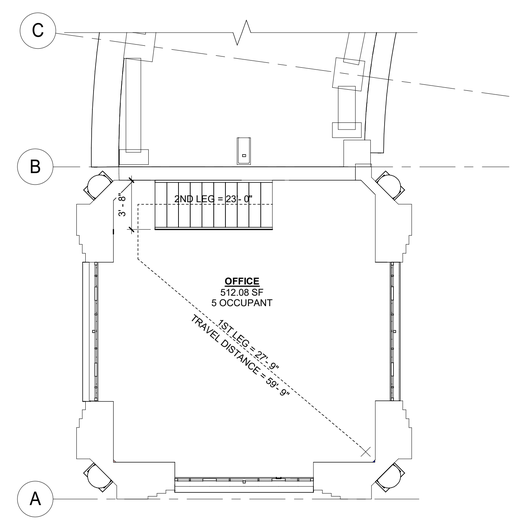
CODE ANALYSIS

2015 International Existing Building Code
2015 International Building Code
2017 New York State Uniform Code Supplement

Construction Type	V B	(Fully Sprinklered)
Occupancy Classification	**B** **M**	**Adminsitration Office** **& Locker Rooms** **Gift shop**
For Construction Type II B w/ sprinkler	**B**	**M**
Allowable Height (Tbl 504.3) (ft)	60	60
Allowable Number of Stories	3	2
Allowable Area Factor (sf)	27,000	27,000
Mixed Use (BC 508.3)		
Existing Number of Stories	2	< = 2 (max. allowable)
Existing Building Height (ft)	43'-11 1/2"	< 60 (max. allowable)
Building Area (sf) including 81 sf. Restroom addition	4,137	< 27,000 (max. allowable)
Nonseparated Occupancies		
No separation is required between occupancies		
Primary Structure Frame	0	
(including Columns, Girders, Trusses)		
Bearing Walls		
Exterior (Tbl 602)		
Fire separation distance < 10 ft	1	
Fire separation distance > = 10 ft	0	
Interior	0	
Nonbearing Walls and Partitions		
Exterior (Tbl 602)		
Fire separation distance < 10 ft	1	
Fire separation distance > = 10 ft	0	
Interior	0	
Floor Construction		
Including supporting beam and joists	0	
Roof Construction		
Including supporting beam and joists	0	
Allowable Area of Openings (BC 705.8)		
Fire separation distance:		
15 to < 20 ft	75%	
>= 20 ft	No Limit	
Interior Finishes Class		
Rooms and Enclosed Spaces	C	
Corridors and Exit Enclosure	B	
Floors - Radiant Flux	Class II	
Means of Egress		
Max. Floor Area Allowances per Occupant (Tbl 1004.1.2) (sf)		
Gift Shop	60	gross
Office	100	gross
Locker rooms	50	gross
Occupant Load		
1st Floor	49	
2nd Floor	5	
Total Occupant Load	54	occupant
Egress Width per Occupant (BC 1005) for building w/ automatic sprinkler system		
Stairway	0.2	
Other Egress Components	0.15	
Number of Exits (Tbl 1006.3.1)		
1 - 500	5	> 2 (Min. Required)
Distance between 2 exits (BC 1007.1.1)		
Exception 2: Minimum separation between 2 exists = 1/3 x 107.2'	70'-10"	36' Minimum

Stories with One Exit or Access to one Exit (Tbl 1006.3.2(2))		
Occupant Load of space (2nd story above grade plane)	5	< 29 (Max. allowable)
Common Path of Egress Travel (ft)	59'-9"	< 75 (Max. allowable)
Accessible Means of Egress (BC 1009)		
Accessible spaces shall be provided with not less than one accessible means of egress. Where more than one means of egress are required by Section 1006.2 or 1006.3 from any accessible space, each accessible portion of the space shall be served by not less than two accessible means of egress.	4	> 3 (Min. Required)
Travel Distance (BC 1017)		
B Occupancy with Sprinkler System	70'-6"	300' (Max. Allowable)
M Occupancy with Sprinkler System	62'	250' (Max. Allowable)

CODE ANALYSIS



2 2ND FLOOR EGRESS PLAN AND CODE ANALYSIS
3/16" = 1'-0"

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CONSULTANT INFORMATION
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CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
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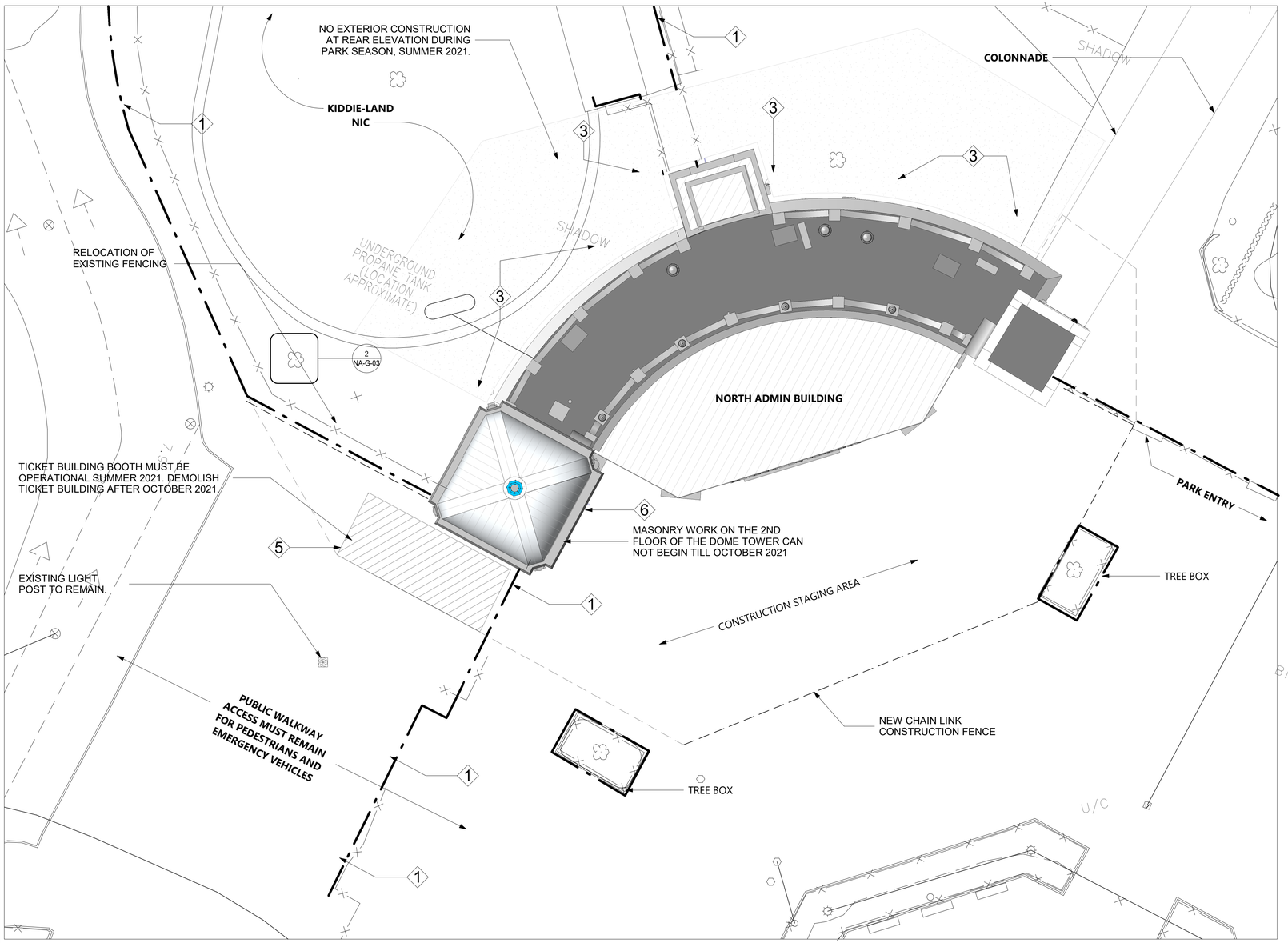
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
EGRESS PLANS AND CODE ANALYSIS

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-G-02
DWG NO.:	Page 55 of 387
SCALE:	3/16" = 1'-0"
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-55
REV. NO.	0



1 CONSTRUCTION STAGING PLAN
3/32" = 1'-0"

SITE PLAN KEY NOTES

1. EXISTING FENCE TO REMAIN.
2. 8' CHAIN LINK CONSTRUCTION FENCE. PROVIDE GATES AS NEEDED. REQUIRED FOR CONSTRUCTION SEASON 1 ONLY.
3. SHRUBBERY TO BE REMOVED AS NEEDED FOR SITE OPERATIONS. REPLANT NEW SHRUBBERY WHEN JOB COMPLETE.
4. REMOVE IF NEEDED. RESTORE FOR PARK OPEN SEASON.
5. TICKET BUILDING BOOTH MUST BE OPERATIONAL SUMMER 2021. DEMOLISH TICKET BUILDING AFTER OCTOBER 2021.
6. MASONRY WORK ON THE 2ND FLOOR OF THE DOME TOWER CAN NOT BEGIN TILL OCTOBER 2021

LEGEND

- EXISTING FENCE TO REMAIN
- NEW CHAIN LINK CONSTRUCTION FENCE
- REMOVE IF NEEDED BUT RESTORE WHEN PARK OPERATING

CONSTRUCTION SCHEDULE

CONSTRUCTION SEASON 1: NTP THROUGH APRIL, 2021

- PROVIDE JOBSITE FENCING AND SIDEWALK BRIDGING AS REQUIRED FOR PUBLIC SAFETY AND BUILDING ACCESS AS REQUIRED.
- LIMITED WORK MAY PROCEED, NOT TO INCLUDE REMOVAL OF TICKET BUILDING OR MASONRY REBUILDING AT THE "DOME TOWER".
- RETAIN EXISTING TICKET BUILDING FOR USE IN SUMMER, 2021.
- THE "DOME TOWER" WILL BE OCCUPIED AND IN USE THROUGH END OF SUMMER, 2021. ENSURE SAFE ACCESS AND MAINTAIN EGRESS AT ALL TIMES.
- COORDINATE WITH PARK OPERATIONS TO REMOVE CONSTRUCTION MATERIALS, SCAFFOLDING, ETC, FROM BUILDING REAR (KIDDYLAND) AS REQUIRED TO ALLOW PREPARATION OF THE PARK FOR SUMMER OPERATIONS.

PARK OPEN SEASON: MID-MAY, 2021 THROUGH END OF SEPTEMBER, 2021

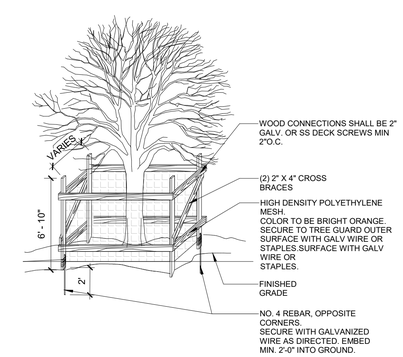
- LIMITED WORK MAY PROCEED.
- EXISTING TICKET BUILDING TO BE IN USE. MAINTAIN BUILDING SERVICES (POWER, DATA, ETC.) AND PROVIDE JOBSITE FENCING AND SIDEWALK BRIDGING AS REQUIRED FOR BUILDING ACCESS AND PUBLIC SAFETY.
- THE "DOME TOWER" WILL BE OCCUPIED AND IN USE. MAINTAIN SERVICES (POWER, DATA, ETC.) ENSURE SAFE ACCESS AND MAINTAIN EGRESS TO THIS PORTION OF THE BUILDING.
- NO EXTERIOR CONSTRUCTION ACTIVITIES TO TAKE PLACE OR OCCUPY THE BUILDING REAR (KIDDYLAND) DURING THE PARK OPERATING SEASON.

CONSTRUCTION SEASON 2: OCTOBER, 2021 THROUGH CONTRACT END DATE

- SCHEDULE AND COMPLETE WORK AS REQUIRED TO GIVE THE PLAZA AND PAVING CONTRACTORS ACCESS TO THEIR JOBSITE BY FEBRUARY, 2021.
- COORDINATE AND COOPERATE WITH THE WORK OF OTHER CONTRACTORS AS REQUIRED TO ENSURE COMPLETION OF ALL WORK FOR PARK OPENING, 2022.
- ALL WORK TO BE COMPLETED BY CONTRACT END DATE.

CONSTRUCTION STAGING NOTES

1. WATER AND ELECTRICAL SERVICE WILL BE PROVIDED BY PARK AT THE ADMIN BUILDING BUT NOT AT CONSTRUCTION TRAILERS.
2. CONTRACTOR TO PROVIDE ANY NEEDED TEMPORARY HEAT, INCLUDED IN THE BID.
3. CONTRACTOR TO PROVIDE RESTROOM FACILITIES FOR THEIR OPERATIONS.
4. CONTRACTOR PARKING AT TRAILER AREA ONLY. SEE DRAWING T-XXX



2 TREE PROTECTION DETAIL

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CONSULTANT INFORMATION

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CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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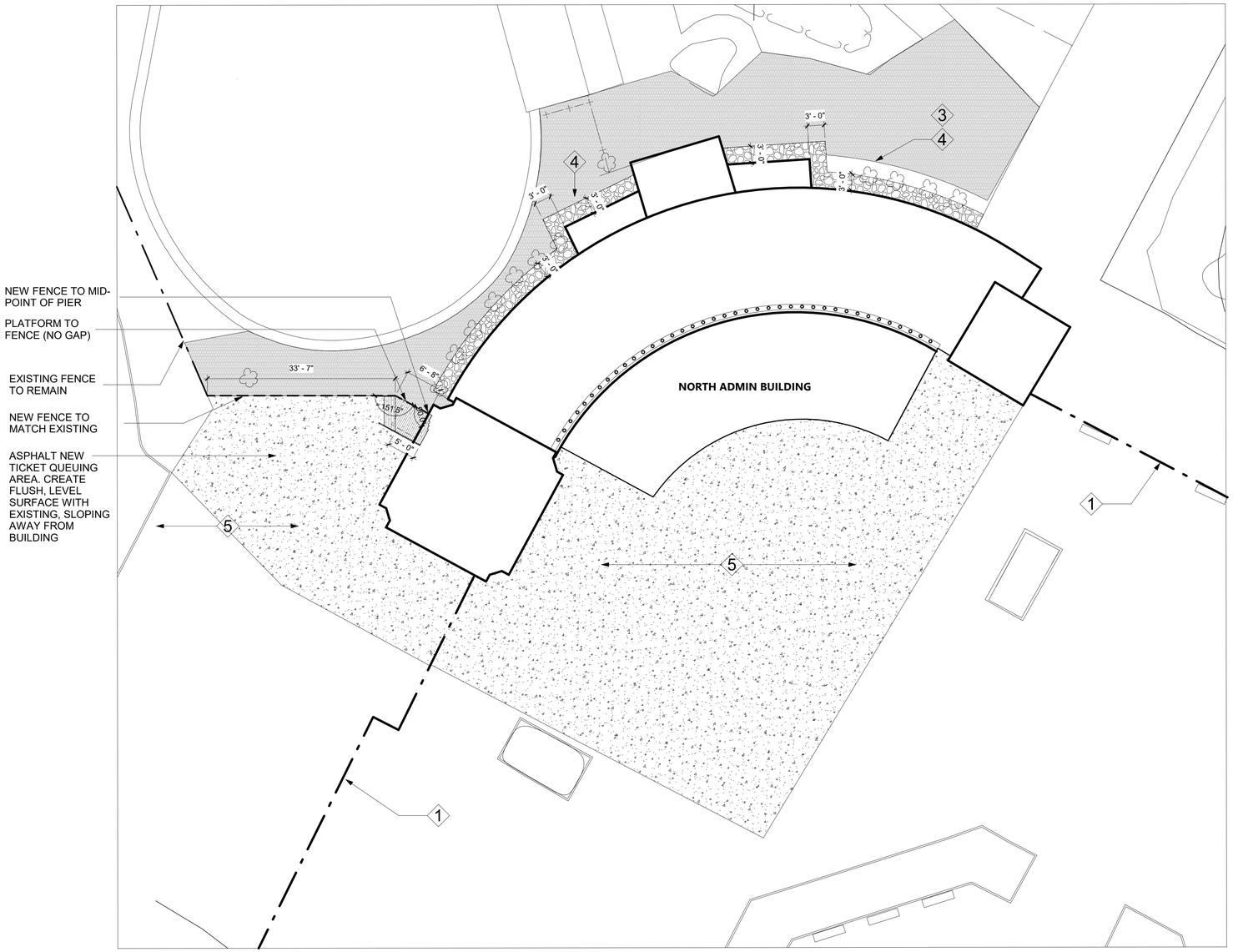
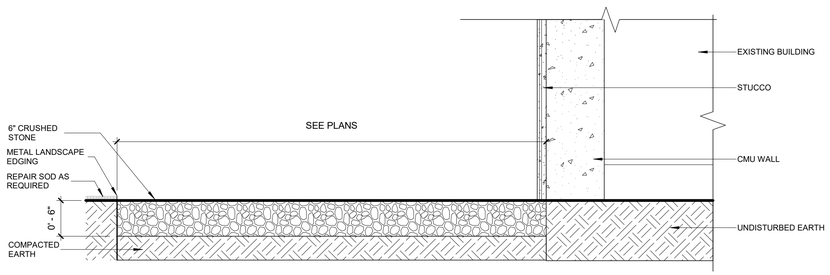
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
CONSTRUCTION STAGING PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-G-03
DWG NO.:	Page 56 of 387
SCALE:	As indicated
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-56
REV. NO.	0



2 SITE RESTORATION PLAN
3/32" = 1'-0"



1 CRUSHED STONE PERIMETER
1" = 1'-0"

GENERAL NOTES

1. PROVIDE PROTECTION FOR EXISTING FEATURES TO REMAIN. PROVIDE PROTECTION PLAN FOR APPROVAL

CONSTRUCTION NOTES

REPLACE ALL PLANTED MATTER DISTURBED DURING CONSTRUCTION.

REPAIR ALL DAMAGED PARK PROPERTY INCURRED DURING CONSTRUCTION.

LANDSCAPING TO BE BROUGHT BACK TO ORIGINAL CONDITIONS PRIOR TO CONSTRUCTION START.

REPAIR ASPHALT AS REQUIRED

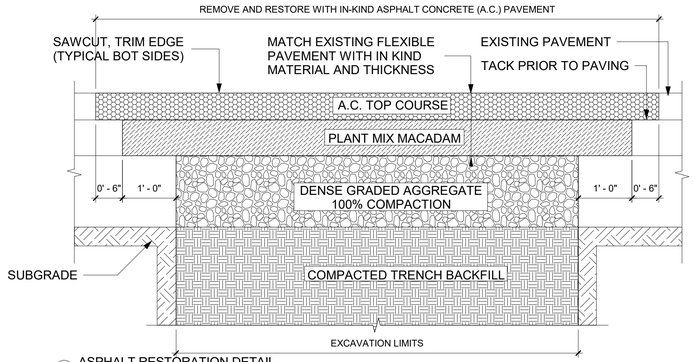
REPAIR SOD AS REQUIRED

RESTORATION KEY NOTES

1. EXISTING FENCE TO REMAIN.
2. RESTORE FENCING
3. NEW PLANTING TO MATCH EXISTING SHRUBS DISTURBED OR REMOVED DURING CONSTRUCTION.
4. 4' - 6' PERIMETER CRUSHED STONE. SEE PLAN
5. REPAIR ASPHALT AS REQUIRED

RESTORATION LEGEND

- ASPHALT REPAIR
- SOD REPAIR AS REQUIRED
- CRUSHED STONE INSTALLED AS REQUIRED. SEE DETAIL
- EXISTING FENCE TO REMAIN
- EXISTING FENCE TO BE REPLACED



3 ASPHALT RESTORATION DETAIL
3/4" = 1'-0"

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CONSULTANT INFORMATION

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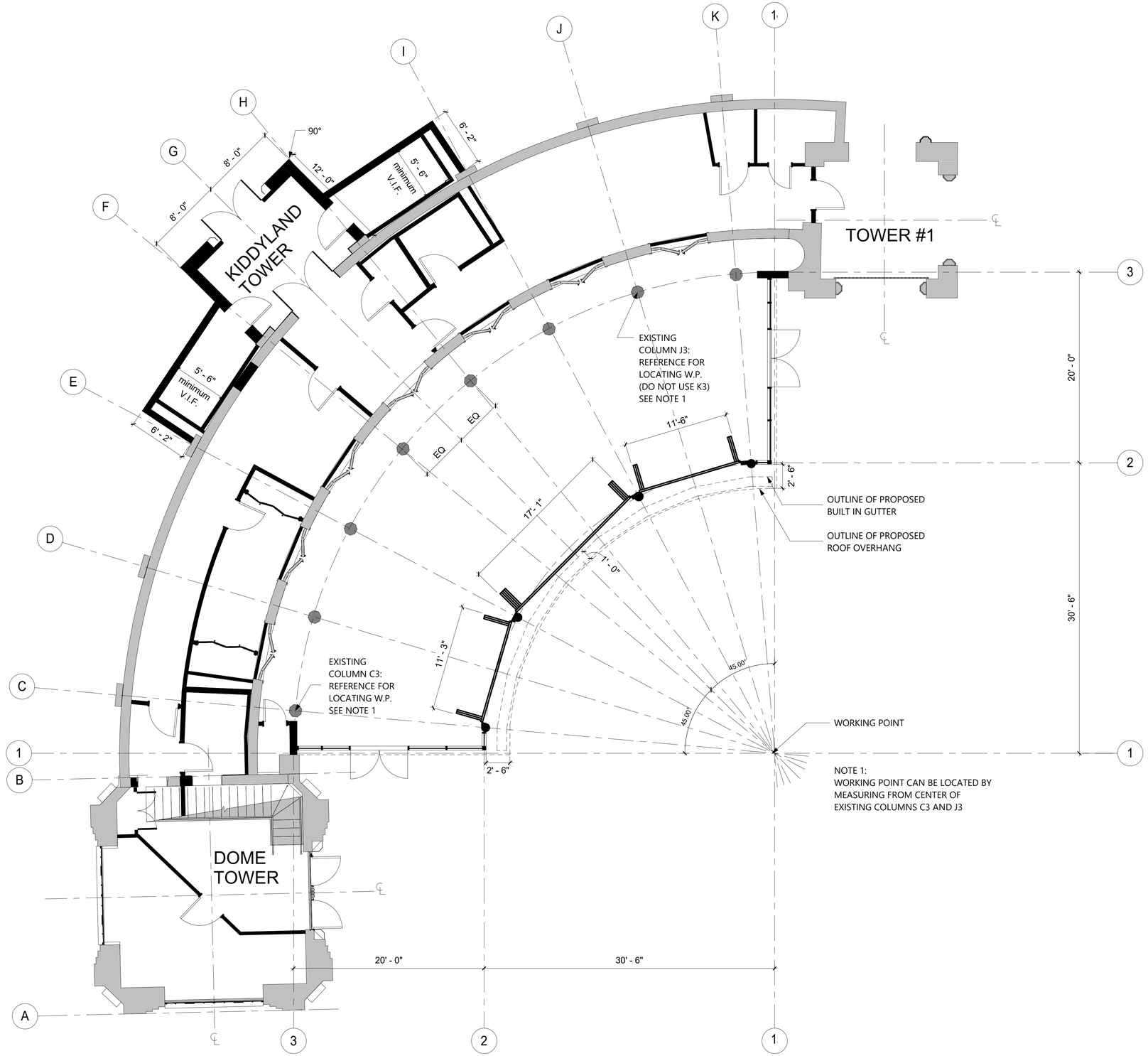
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
SITE RESTORATION PLANS

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-G-04

DWG NO.: **Page 57 of 387**
SCALE: **As indicated**
DATE: **09/16/2020**
DPW FILE NUMBER **1-118-A-57** REV. NO. 0



NOTE 1:
WORKING POINT CAN BE LOCATED BY MEASURING FROM CENTER OF EXISTING COLUMNS C3 AND J3

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CONSULTANT INFORMATION

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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
BUILDING GEOMETRY

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-G-05
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SCALE:	3/16" = 1'-0"
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-58
REV. NO.	0

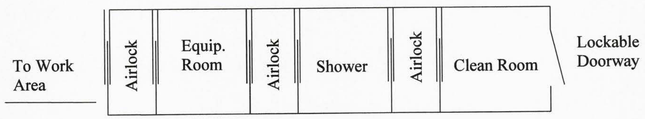
PLAYLAND REHABILITATION & UPGRADES

NORTH ADMINISTRATION BUILDING ABATEMENT

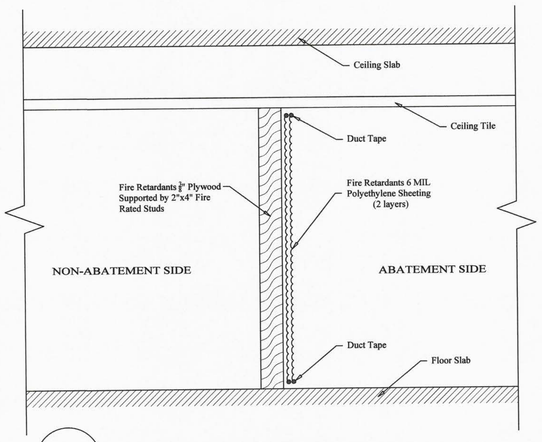
1 PLAYLAND PKWY, RYE, NY 10580

SCOPE OF WORK:

Structure	Location	Material	Approximate Quantity (SF/LF/Unit)	ICR 56 Procedure
North Administration Building	Interior Mezzanine Office WA 1	Assumed Pink 12"x12" Floor Tile and Mastic	15.0 SF	56.11.7
	Interior WA 2	Oven Flue Caulk	1.0 SF	56.11.3
	Interior WA 3 - 4	Assumed Electrical Wire Insulation Associated with Lighting	5.0 LF per Lighting Fixture, 24 Lighting Fixtures, 120.0 LF	56.7.11
	Exterior WA 5	Electrical Wire Insulation in Conduits	200.0 LF	56.11.8
	Exterior WA 6	Roofing Materials (Assumed)	3000.0 SF	56.11.6



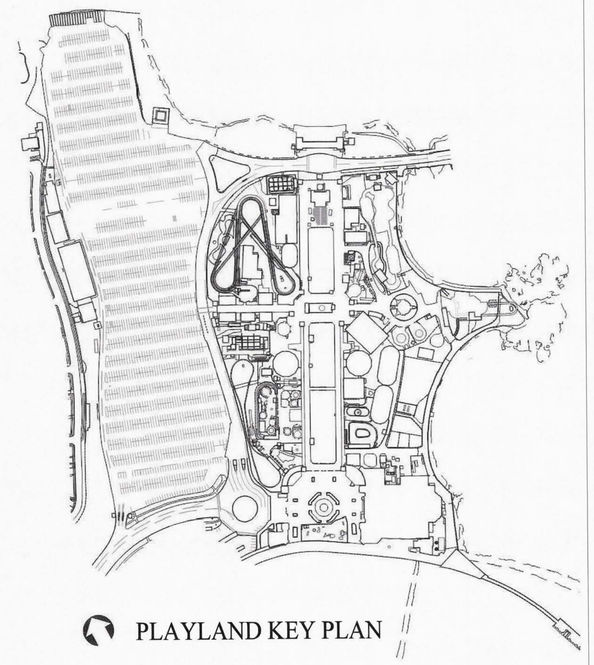
1 NA-H-00 TYPICAL LARGE PROJECT WORKER/ WASTE DECONTAMINATION UNIT
Not To Scale



2 NA-H-00 TYPICAL HARD WALL BARRIER AT OPENINGS MORE THAN 32SF
Not To Scale

PROJECT NOTES:

1. The Contractor shall be aware of all conditions of the Project and is responsible for verifying quantities and locations of all Work to be performed. Failure to do so shall not relieve the Contractor of its obligation to furnish all labor and materials necessary to perform the Work.
2. All Work shall be performed in strict accordance with the Project Documents and all governing codes, rules, and regulations. Where conflicts occur between the Project Documents and applicable codes, rules, and regulations, the more stringent shall apply.
3. All abatement work shall be coordinated with General Contractor work; Abatement may be phased with other contract work.
4. Working hours shall be as required and approved by the Owner. Asbestos abatement activities including, but not limited to, work area preparation, gross removal activities, cleaning activities, waste removal, etc. may need to be performed during 'off-hours' (including nights and weekends). In addition, multiple mobilizations may be required to perform the work identified in this project. The Contractor shall coordinate and schedule all Work with the facility and Owner's representative.
5. The Contractor shall prepare and coordinate with facility representative the posting of appropriate signage at the entranceway that redirects park occupants away from the area of the abatement.
6. The Contractor shall use barrier tape to extend the limits of the active, regulated work areas closed to the public and other non-abatement trades.
7. The Contractor shall be responsible for defining and coordinating the phases of the abatement with the facility and DPW, as well as securing any site specific variances, permits, and any necessary NYS DOL approvals.
8. The asbestos abatement Contractor shall coordinate locations of decontamination units, routes of egress, temporary water and power connections and waste container locations with the Owner and the Facility.
9. The Contractor may need to supply temporary power/water sources if they cannot be provided by facility.
10. The General Contractor shall supply any and all scaffolding for the work area(s) under this contract. Scaffolding structure and maintenance shall be in strict accordance with local, state and federal safety requirements.
11. The Contractor is to protect any and all exposed surfaces not targeted for abatement.
12. The Contractor shall request and receive in writing prior to preceding with any work info from the owner regarding surfaces/materials that require protection.
13. Regular waste generated by the abatement work of this contract shall be stored securely using a closed waste container.
14. Access may be restricted to only one egress/entry door at any given time.
15. All suspect/assumed ACM shall be tested by the owner prior to abatement.
16. Abatement of roof ACM shall be coordinated with the facility representative/GC for installation of replacement roofing or temporary roofing.



PLAYLAND KEY PLAN

LEGEND:

WORK AREA LIMITS

P/W R # REMOTE SMALL/LARGE PROJECT WORKER/ WASTE DECONTAMINATION UNIT

4/27/2020 11:18:46 AM

CONSULTANT INFORMATION
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CONSULTANT SEAL

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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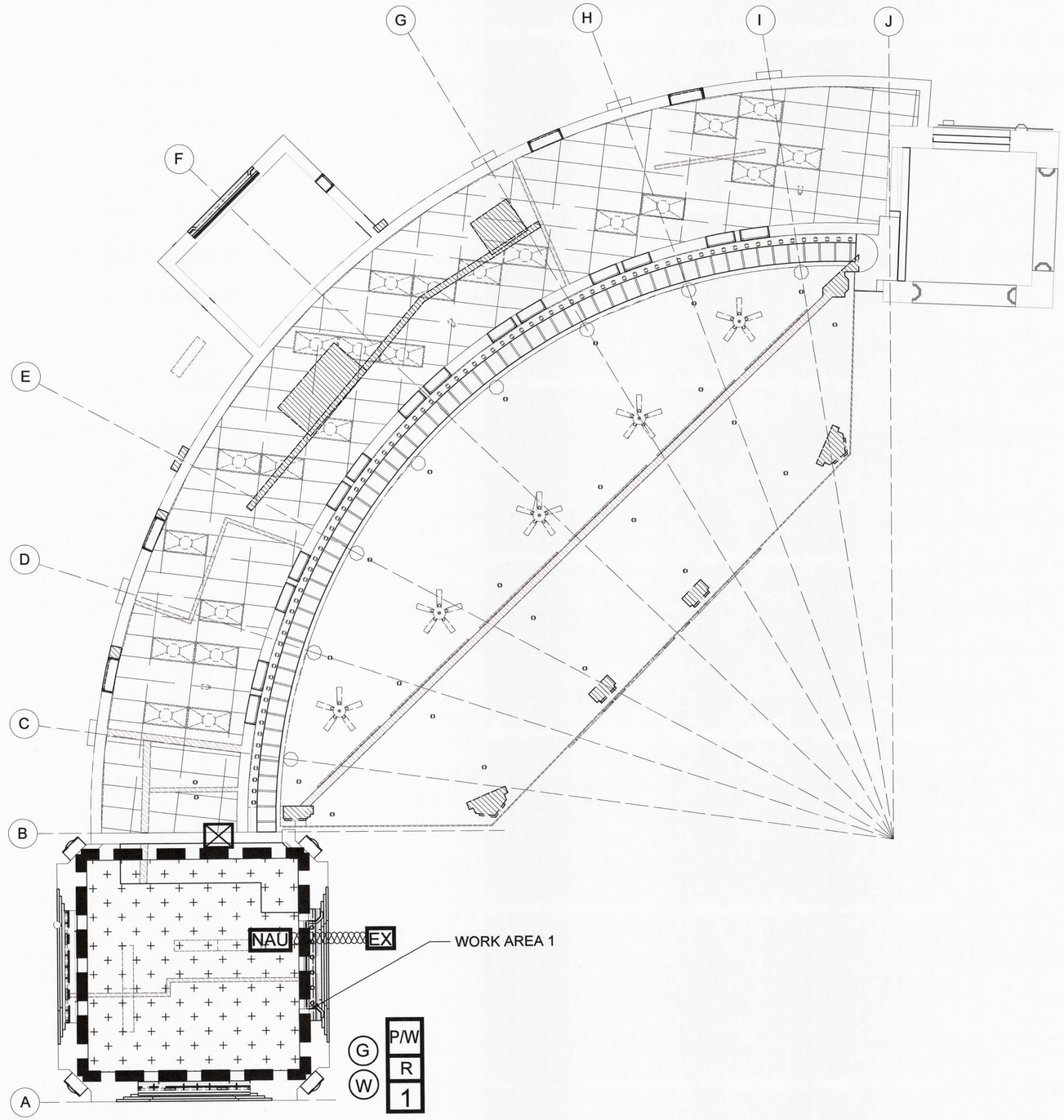
CONTRACTOR: NAME / SIGNATURE / TITLE / DATE

PROJECT COORDINATOR: NAME / SIGNATURE / TITLE / DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
ASBESTOS REMOVAL NOTES, SCOPE OF WORK TABLE, AND DETAILS

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-H-00
DWG NO.:	Page 59 of 387
SCALE:	NTS
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-59
REV. NO.	0



1 NORTH ADMIN - SECOND FLOOR - ASBESTOS ABATEMENT PLAN - WORK AREA 1
NTS

LEGEND:

- WORK AREA LIMITS
- 12"X12" ASSUMED PINK FLOOR TILES AND MASTIC - 15.0 SF
- P/W R # — SMALL PROJECT REMOTE WORKER/WASTE DECONTAMINATION UNIT
- G — TEMPORARY GENERATOR
- W — TEMPORARY WATER SOURCE
- AIRLOCK
- NAU — NEGATIVE AIR UNIT
- EX — EXHAUST

4/27/2020 11:18:46 AM

CONSULTANT INFORMATION
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CONSULTANT SEAL
STATE OF NEW YORK · PETER JOSEPH DERBASI · No. 070446 · LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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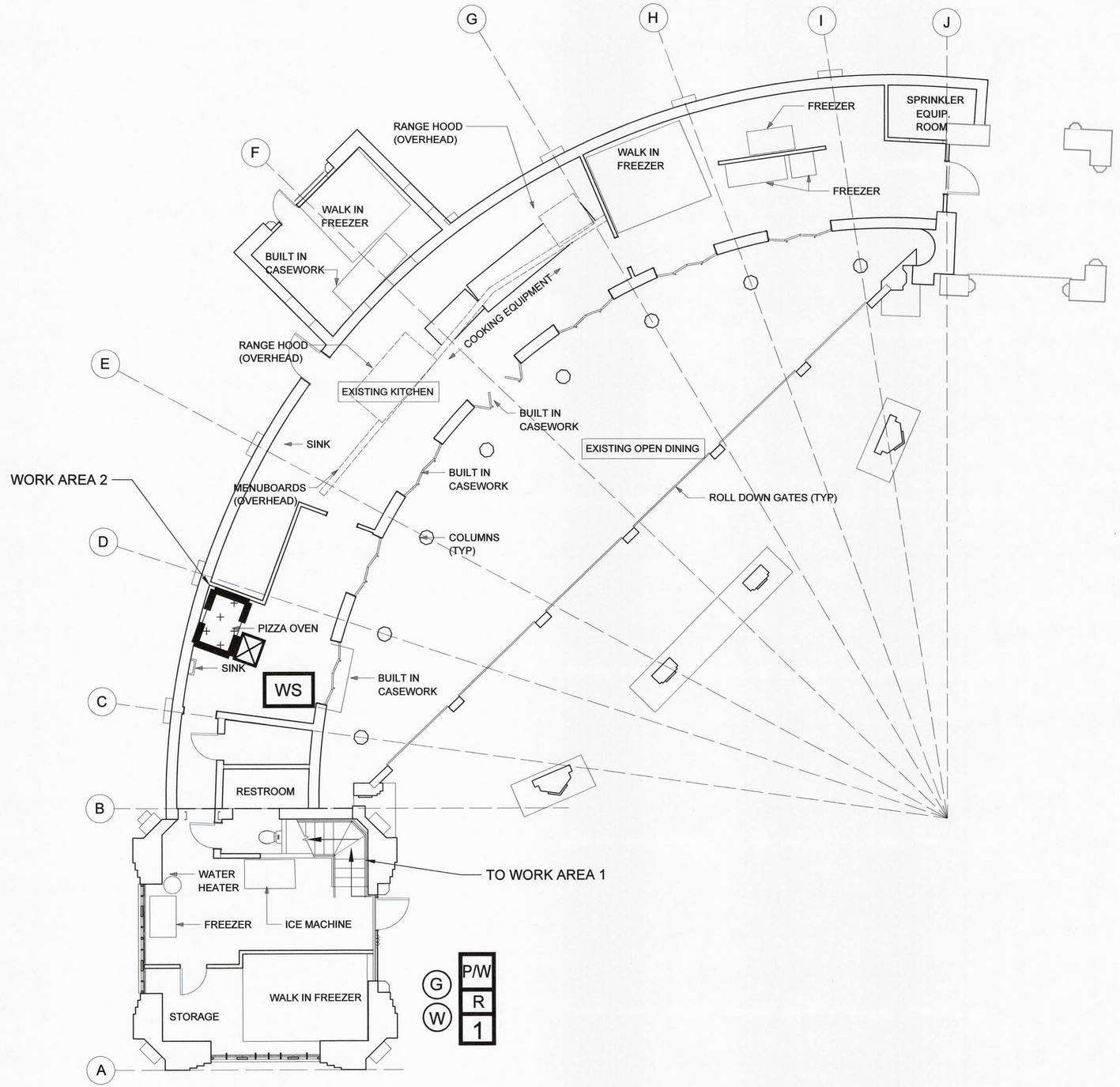
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
GROUND FLOOR ASBESTOS ABATEMENT PLAN
(WORK AREA 1)

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-H-01
DWG NO.:	Page 60 of 387
SCALE:	NTS
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-60
REV. NO.	0



1 N.A. GROUND FLOOR - ASBESTOS ABATEMENT PLAN - WORK AREA 2
NTS

LEGEND:

- WORK AREA LIMITS
- WORK AREA 2 - OVEN FLUE CAULK - 1.0 SF
- WS — OSHA WASH STATION
- AIRLOCK
- P/W R # — SMALL PROJECT REMOTE WORKER/ WASTE DECONTAMINATION UNIT
- G — TEMPORARY GENERATOR
- W — TEMPORARY WATER

4/27/2020 11:02:45 AM

CONSULTANT INFORMATION
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(516) 938-5476 www.liro.com

CONSULTANT SEAL
STATE OF NEW YORK · PETER JOSEPH BARBASI · LICENSED PROFESSIONAL ENGINEER · No. 070446

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
AS BUILT – CHANGES AS NOTED
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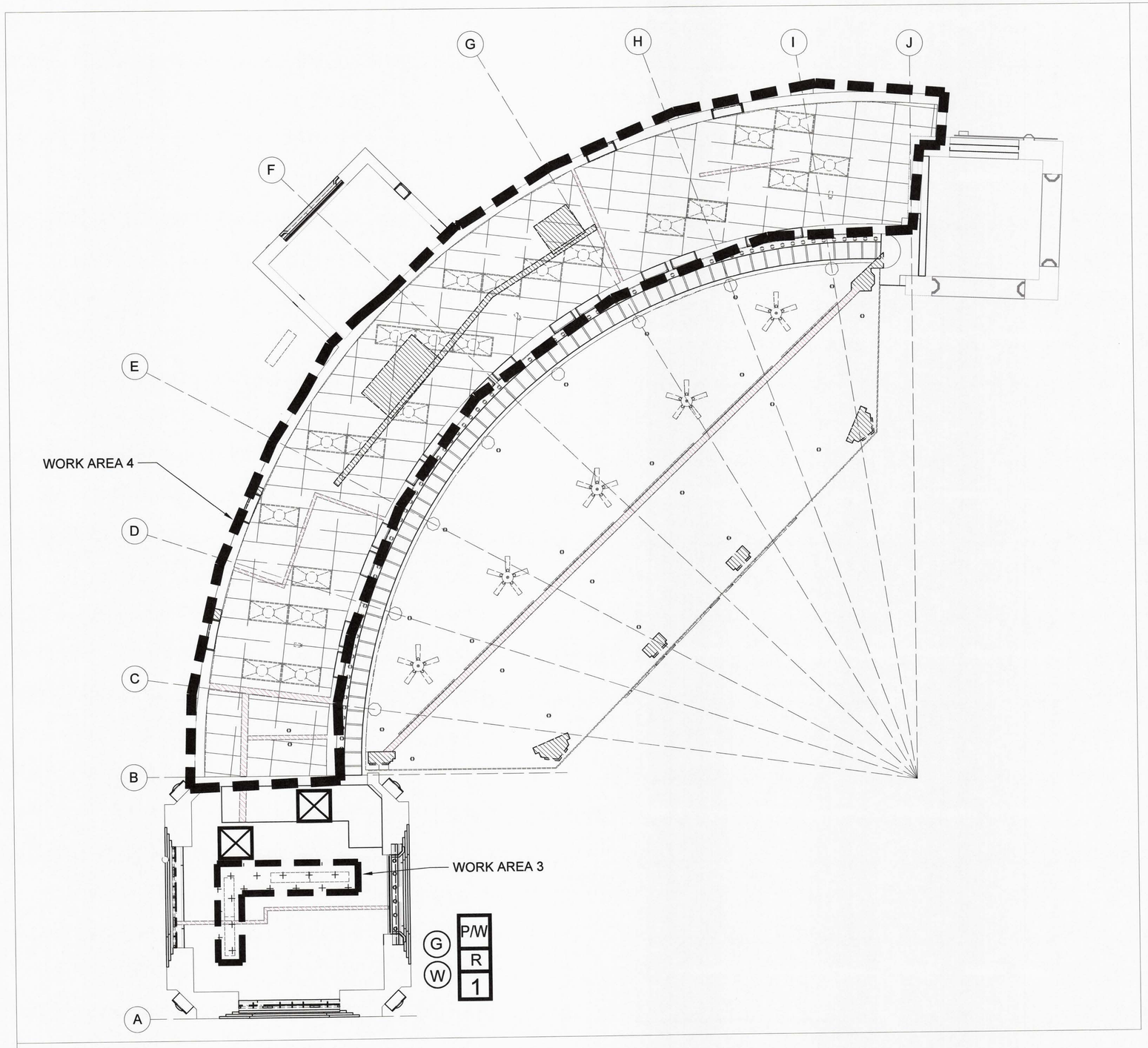
CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
GROUND FLOOR ASBESTOS ABATEMENT PLAN
(WORK AREA 2)

CONTRACT NUMBER: 20-501
SHEET NUMBER: NA-H-02
DWG NO.: Page 61 of 387
SCALE: NTS
DATE: 09/16/2020
DPW FILE NUMBER: 1-118-A-61
REV. NO.: 0



LEGEND:

- WORK AREA LIMITS
- ASSUMED ELECTRICAL WIRE INSULATION ASSOCIATED WITH LIGHTING FIXTURES - 120.0 LF
- P/W R # — SMALL PROJECT REMOTE WORKER/WASTE DECONTAMINATION UNIT
- G — TEMPORARY GENERATOR
- W — TEMPORARY WATER SOURCE
- AIRLOCK

1 NORTH ADMIN - GROUND FLOOR - ASBESTOS ABATEMENT PLAN - WORK AREA 3-16
NTS

4/27/2020 11:18:46 AM

CONSULTANT INFORMATION
The LiRo Group
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CONSULTANT SEAL
STATE OF NEW YORK · JOSEPH PIERBASI · LICENSED PROFESSIONAL ENGINEER · No. 070448

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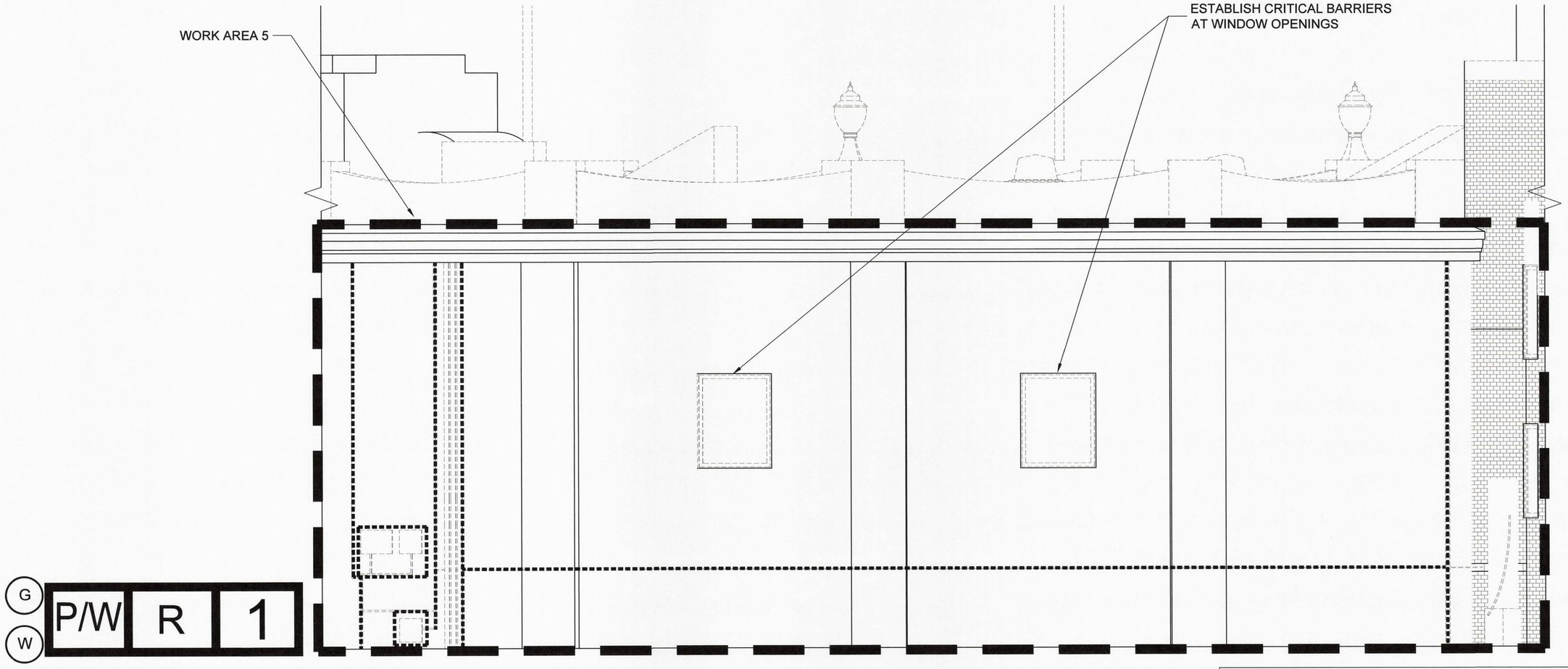
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
GROUND FLOOR ASBESTOS ABATEMENT PLAN
(WORK AREA 3-16)

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-H-03
DWG NO.:	Page 62 of 387
SCALE:	NTS
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-62
REV. NO.	0



1 ELEVATION 8-A - ASBESTOS ABATEMENT PLAN - WORK AREA 17
NTS

LEGEND:

▬ ▬ ▬	WORK AREA LIMITS
- - - - - - - -	EXTERIOR - ELECTRICAL WIRE INSULATION IN CONDUITS - 200.0 LF
P/W R #	SMALL PROJECT REMOTE WORKER/WASTE DECONTAMINATION UNIT
G	TEMPORARY GENERATOR
W	TEMPORARY WATER SOURCE

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CONSULTANT INFORMATION
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CONSULTANT SEAL
STATE OF NEW YORK
JOSEPH GERBASI
No. 070446
PROFESSIONAL ENGINEER

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INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
EXTERIOR ELEVATION ASBESTOS ABATEMENT PLAN
(WORK AREA 17)

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-H-04
DWG NO.:	Page 63 of 387
SCALE:	NTS
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-63
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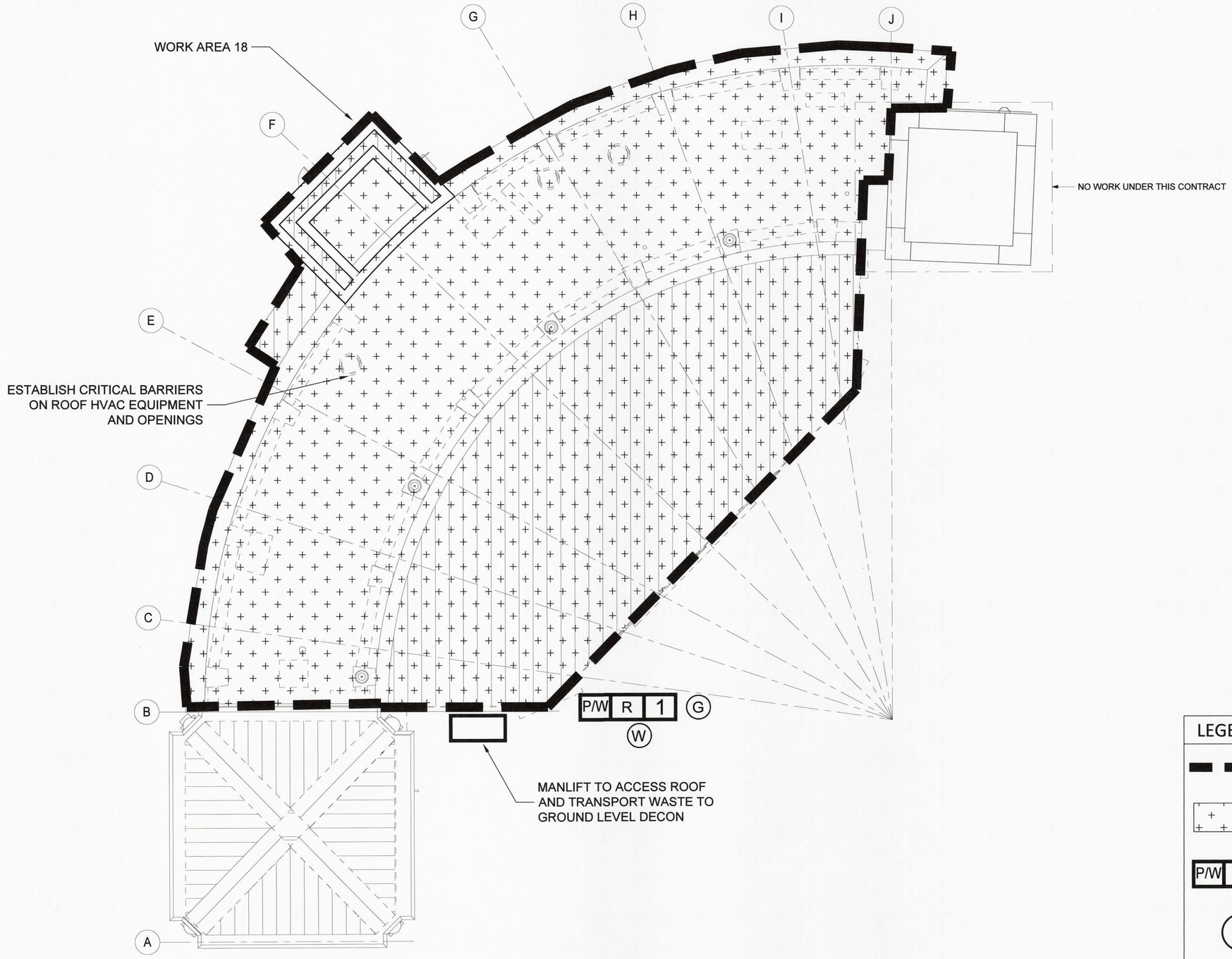

1 NORTH ADMIN - ROOF - ASBESTOS ABATEMENT PLAN - WORK AREA 18
NTS

LEGEND:

- WORK AREA LIMITS
- ROOFING MATERIALS - 3,000 SF
- P/W R # — LARGE PROJECT REMOTE WORKER/WASTE DECONTAMINATION UNIT
- G — TEMPORARY GENERATOR
- W — TEMPORARY WATER SOURCE

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STATE OF NEW YORK · PETER JOSEPH TERBASI · No. 070446 · LICENSED PROFESSIONAL ENGINEER

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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
ROOF ASBESTOS ABATEMENT PLAN
(WORK AREA 18)

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-H-05
DWG NO.:	Page 64 of 387
SCALE:	NTS
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-64
REV. NO.	0

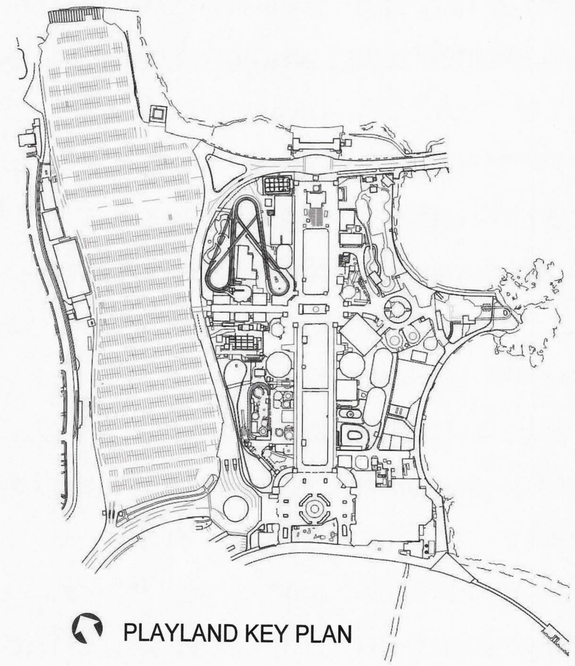
PLAYLAND REHABILITATION & UPGRADES
NORTH ADMINISTRATION BUILDING LEAD BASED PAINT ABATEMENT
1 PLAYLAND PKWY, RYE, NY 10580

SCOPE OF WORK:

Structure	Work Area	Description	Approximate Quantity (SF)	Procedure
North Administration Building	Work Area 1 (Hallway)	Door Frame (Wood) - White	1	Manual Wet Scrape / Chemical Strip
		Wall (Plaster/Concrete) - Sky Blue	70	
		Ceiling (Concrete) - White	940	
		Window Sill - White	220	
		Window Frame - White	5	
	Work Area 2 (Storage)	Door/Door Frame - Red	10	
		Column / Column Base – Red and White	60	
		Wall (Wood/Concrete)	260	
		Ceiling (Wood) - Beige	360	
		Steel Pipe (Metal) - Beige	120	
		Steel Beams (Metal) - Beige	220	
	Work Area 3 (Sprinkle Valve Room)	Walls (Concrete) – Beige and Green	300	
	Work Area 4 (Kitchen)	Window Sill (Wood) - Olive	15	
		Window Frame (Wood) - Olive	35	
		Wall (Concrete) - White	360	
		Door Frame (Wood) - White	20	
	Work Area 5 (Hallway)	Walls (Concrete) - Gery	760	
		Ceiling (Concrete) - White	220	
	Work Area 5 (Exit Door)	Window Sill - White	15	
		Window Frame - White	15	
	Work Area 6 (Boiler Room)	Door Frame (Wood)	20	
		Wall (Concrete)	160	
		Ceiling (Concrete)	60	
	Work Area 7 (Kitchen Rear)	Door Frame (Wood) - Grey	20	
		Wall (Concrete) - Grey	180	
	Work Area 8 (Freezer)	Wall (Concrete) - Grey	620	
		Window Sill - White	15	
		Window Frame - White	15	
	Work Area 9 (Bathroom)	Door Frame (Wood) - White	20	
		Ceiling (Plaster) - White	60	
	Work Area 10 (Colonnade)	Door Frame - Green	20	
		Column (Wood)– Green/ Beige/ Pink	220	
		Column Base Post (Concrete) - Black	40	
	Work Area 11 (Exterior)	Columns (Wood) - Green/ Beige	210	
		Window Sill (Wood) - Green	10	
		Window Frame (Wood) - Green	10	

PROJECT NOTES:

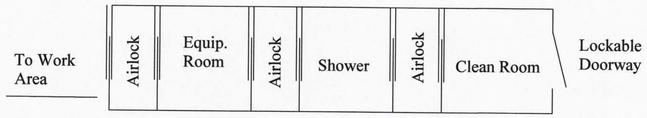
1. All layers of coating shall be considered as LBP and removed down to the substrates. Substrates coated with LBP and targeted for demolition may be removed and disposed of solid structure waste following TCLP testing.
2. Substrates coated with LBP and targeted for refurbish and recoating shall be abated using manual wet scraping or chemical stripping procedures, localized testing of chemical strapping products shall proceed broader use and only after approval by the DPW Environmental Consultant.
3. The abatement contractor shall separate paint chips and contaminated dust/particulate generated by the abatement from other project waste streams including worker personal protective equipment and plastic sheeting. All waste other than lead paint chips and contaminated dust/particulate shall be TCLP tested prior to disposal.
4. Waste generated by the work of this method shall be stored on site in a NYSDEC compliant Hazardous and Waste Storage Area and transported under manifest to the disposal site.
5. The contractor shall prepare a project specific work plan and project specific HASP for the work of this contract.
6. LBP remediation shall be consistent with guidelines from SSPC and work shall comply with the OSHA regulations including using of decontamination units and hand wash stations.
7. The contractor may propose alternate LBP removal procedures however, use of alternate procedures will require approval by DPW Environmental Consultant; the abatement contractor is responsible with maintaining the physical conditions and integrity of the targeted substrates, and the surrounding structures during abatement work.
8. The Contractor shall request and receive in writing prior to preceding with any work info from the owner regarding surfaces/materials that require protection.



PLAYLAND KEY PLAN

LEGEND:

- WORK AREA LIMITS
- HAZARDOUS WASTE STORAGE AREA
- P/W R # REMOTE WORKER/WASTE DECONTAMINATION UNIT



1 / NA-H-06 DECONTAMINATION UNIT (MAY BE SUBSTITUTED FOR HAND WASH STATION)
Not To Scale

4/27/2020 11:02:45 AM

CONSULTANT INFORMATION
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CONSULTANT SEAL
STATE OF NEW YORK · JOSEPH M. MERISASI · No. 070446 · LICENSED PROFESSIONAL ENGINEER

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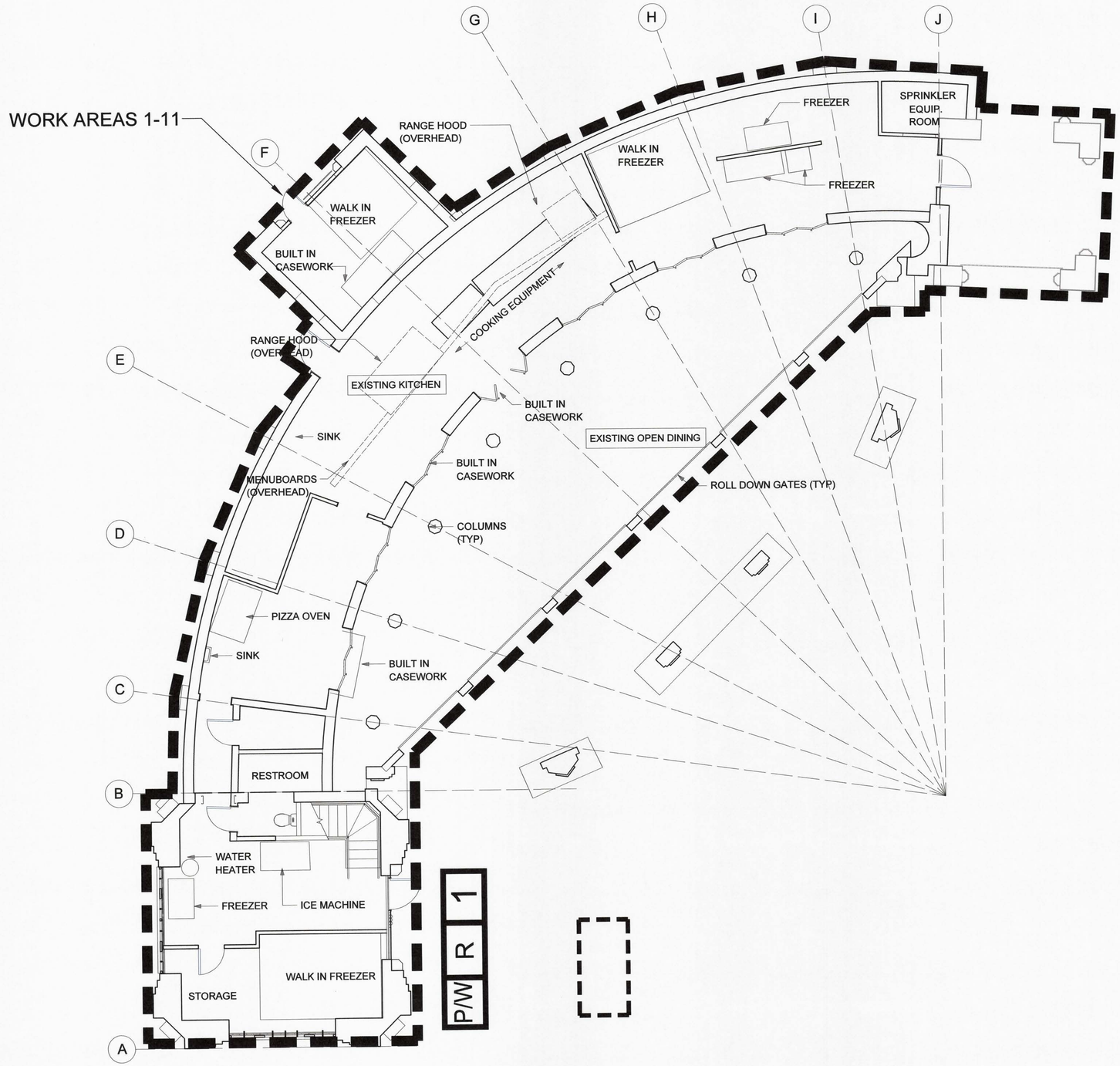
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
LEAD BASED PAINT REMOVAL NOTES, SCOPE OF WORK TABLE AND DETAILS

CONTRACT NUMBER 20-501
SHEET NUMBER NA-H-06
DWG NO.: Page 65 of 387
SCALE: NTS
DATE: 09/16/2020
DPW FILE NUMBER 1-118-A-65
REV. NO. 0



LEGEND:

- WORK AREA LIMITS
- P/W R # — LARGE PROJECT REMOTE DECONTAMINATION UNIT
- HAZARDOUS WASTE STORAGE HOLDING AREA

1 N.A. GROUND FLOOR - LEAD BASED PAINT ABATEMENT PLAN
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INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
GROUND FLOOR
LEAD BASED PAINT ABATEMENT PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-H-07
DWG NO.:	Page 66 of 387
SCALE:	NTS
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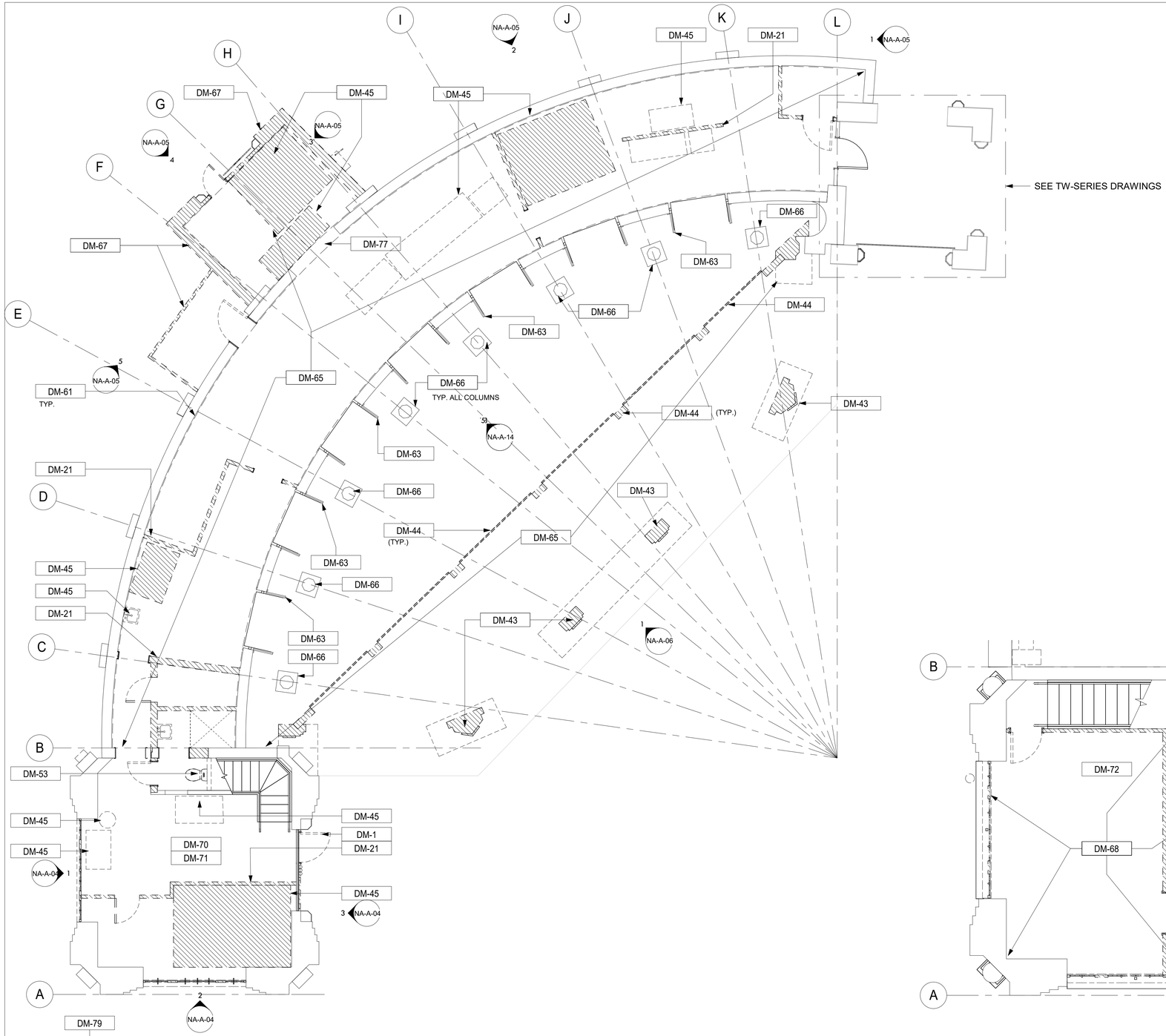
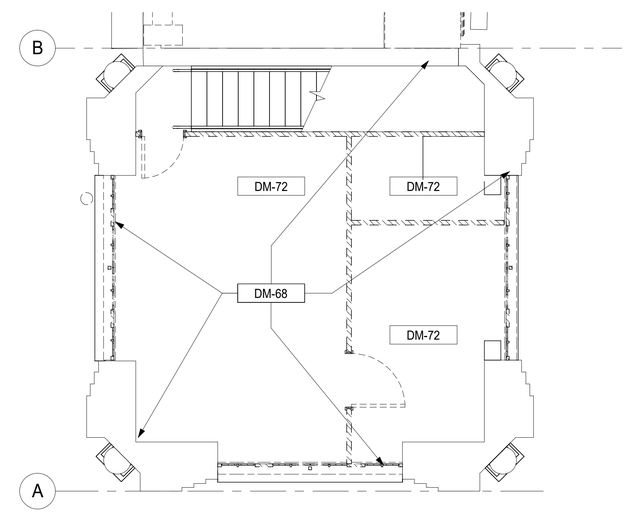
DPW FILE NUMBER	1-118-A-66
REV. NO.	0



1 NORTH ADMIN GROUND FLOOR REMOVAL PLAN
3/16" = 1'-0"



2 2ND FLOOR
1/4" = 1'-0"

GENERAL DEMOLITION NOTES

1. ALL DEMOLITION AND REMOVAL WORK SHALL BE COMPLETED AS INDICATED AND NOTED ON THE DRAWINGS AND AS SPECIFIED.
2. PRIOR TO STARTING WORK, MAKE A THOROUGH EXAMINATION OF THE PORTIONS OF THE STRUCTURE IN WHICH THE WORK IS TO BE PERFORMED. CHECK ALL THE WORK AT ADJOINING OR UNDERLYING LOCATIONS. REPORT TO THE ARCHITECT ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE PREVENT THE PROPER EXECUTION AND COMPLETION OF THE WORK. DO NOT START WORK UNTIL SUCH CONDITIONS HAS BEEN EXAMINED AND MUTUALLY AGREED UPON WITH THE ARCHITECT.
3. DASHED LINES INDICATE WALLS, FIXTURES, EQUIPMENT, ETC. TO BE REMOVED AND DISPOSED OF BY G.C. ANY QUESTIONS ON SCOPE OF DEMOLITION MUST BE DIRECTED TO THE ARCHITECT PRIOR TO BID
4. THE EXISTING WORK REQUIRED TO BE REMOVED SHALL BE AS INDICATED BUT SHALL ALSO EXTEND TO INCLUDE ANY AND ALL OTHER EXISTING MATERIALS OR WORK NECESSARY TO INSTALL THE NEW WORK AS SHOWN AND SPECIFIED AND TO CONNECT SAME WITH THE EXISTING WORK IN AN APPROVED MANNER.
5. ALTER AND RESTORE EXISTING WALLS, PARTITIONS, COLUMNS, CEILING AND FLOORS, AND THEIR RESPECTIVE FINISHED SURFACES TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.
6. IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVES OF ANY HAZDAROUS MATERIALS ENCOUNTERED DURING DEMOLITION/REMOVAL.
7. ALL DIMENSIONS AND CONSTRUCTION CONDITIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF WORK.
8. CONTAINERIZED DEMOLITION DEBRIS SHALL BE TCLP TESTED TO CONFIRM WASTE MAY BE DISPOSED OF AS NON-HAZARDOUS.

DEMOLITION LEGEND

INDICATES REMOVAL

? KEY NOTES

DEMOLITION

KEYNOTE LEGEND

Key Value	Keynote Text
DM-1	REMOVE ALL EXISTING EXTERIOR DOORS AND CAULKING. EXISTING FRAME TO REMAIN, REPAIR AND PREPARE TO RECEIVE NEW DOOR. (TYP.)
DM-2	REMOVE EXISTING WINDOW AND CAULKING. PREPARE TO RECEIVE NEW WINDOW. (TYP.) CAREFULLY REMOVE EXISTING WINDOW TRIM AND RETAIN FOR REPLICATION.
DM-4	COORDINATE EQUIPMENT REMOVAL AND RELOCATION WITH SERVICE COMPANY.
DM-9	CAREFULLY REMOVE EXISTING GLASS FINIAL FOR RESTORATION
DM-10	EXISTING ROOFING TO BE REMOVED.
DM-21	EXISTING WALL TO BE REMOVED.
DM-25	EXISTING URN TO BE REMOVED CAREFULLY FOR RESTORATION OR FOR USE AS A MODEL FOR REPLICATION WHICH EVER APPLIES; WHEN RESTORING CLEAN/POLISH COPPER COMPONENT. APPLY PROTECTIVE COATING TO MATCH EXISTING ADJACET BUILDING. INSPECT ELECTRICAL SYSTEM TO MEET CODE, COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH. EXISTING STUCCO FINISH TO BE SCRAPED AND PREPARED TO RECEIVE NEW STUCCO.
DM-30	SEE ELECTRICAL DRAWINGS.
DM-32	SCRAPE EXISTING WOOD COLUMNS, TRIM, PANELS AND CASEWORK TO BARE WOOD TO BE PREPARED FOR NEW FINISH. REPLACE ALL ROTTED WOOD.(TYP)
DM-33	MECHANICAL EQUIPMENT TO BE REMOVED. SEE MECHANICAL DRAWINGS.
DM-37	REMOVE EXISTING DOWNSPOUT AND ACCESSORIES.
DM-38	CAREFULLY REMOVE EXISTING SIGN BOARD. RETAIN FOR REPLICATION. REPLACE ANY NON HISTORIC ELEMENT TO MATCH HISTORIC.
DM-39	AT DOMED TOWER, REMOVE EXISTING STUCCO TO CINDERBLOCK AT ALL WALL AREA NOT INDICATED TO BE REBUILT PER STRUCTURAL DRAWINGS. NOTIFY ARCHITECT/ ENGINEER OF ANY DAMAGED CINDERBLOCK NOT VISIBLE BEHIND STUCCO.
DM-40	EXISTING BALUSTRADE TO BE REMOVED.
DM-41	EXISTING EXHAUST FOR HOT WATER HEATER TO BE REMOVED.
DM-43	COLUMNS AND FLOWER BOXES TO BE REMOVED.
DM-44	EXISTING ROLL DOWN GATES AND WALL TO BE REMOVED.
DM-45	EXISTING INTERIOR EQUIPMENT TO BE REMOVED BY VENDOR.
DM-46	ROOFTOP EQUIPMENT TO BE REMOVED.
DM-53	EXISTING PLUMBING FIXTURES AND EQUIPMENT TO BE REMOVED. SEE PLUMBING DRAWINGS.
DM-54	EXISTING LIGHTS TO BE REMOVED. SEE ELECTRICAL DRAWINGS.
DM-55	EXISTING CEILING FAN TO BE REMOVED.
DM-56	EXISTING CEILING AND ALL HANGERS/ACCESSORIES TO BE REMOVED.
DM-57	CEILING MOUNTED EQUIPMENT TO BE REMOVED.
DM-58	REMOVE EXISTING SECURTITY CAMERAS.
DM-61	ALL INTERIOR FRP WALL COVERINGS AND ASSOCIATED ACCESSORIES TO BE REMOVED THROUGHOUT.
DM-63	REMOVE EXISTING BI-FOLD DOORS AND TRANSOMS. REPAIR, SCRAP, SAND, REPAINT, AND STORE TO BE RE-INSTALLED AT THE COMPLETION OF THE RENOVATION. REPRODUCE IF NEEDED.
DM-64	EXISTING ROOF STRUCTURE TO BE REMOVED IN IT'S ENTIRETY.
DM-65	EXISTING FLOOR TO BE REMOVED.
DM-66	EXISTING COLUMN TO REMAIN AND BE PROTECTED. SAWCUT FLOOR AROUND EXISTING COLUMNS - SEE STRUCTURAL DRAWINGS. CAREFULLY REMOVE EXISTING COLUMN CAPITAL, BASE, AND COVERS FOR RESTORATION AND REINSTALLATION.
DM-67	EXISTING STRUCTURE TO BE REMOVED IN ITS ENTIRETY.
DM-68	EXISTING SECOND FLOOR EXTERIOR WALLS AND WINDOWS TO BE REMOVED. SEE STRUCTURAL DRAWINGS.
DM-70	REMOVE ALL EXISTING CONCRETE PADS.
DM-71	REMOVE ALL QUARRY TILE.
DM-72	REMOVE ALL TILE DOWN TO SUBFLOOR.
DM-73	REMOVE EXISTING FLAGPOLES. (TYP.)
DM-74	REMOVE EXISTING COPPER ROOFING INCLUDING BUILT IN GUTTERS, COPING, AND FLASHING.
DM-75	EXISTING WOOD TRIM FRAME TO BE REPLICATED IN KIND AND PREPARED FOR NEW PAINTED FINISH.
DM-76	CAREFULLY REMOVE EXISTING MURAL AND RETAIN FOR REPLICATION.
DM-77	REMOVE BUILT OUT WALL AND PREPARE TO RESTORE THE EXISTING OPENING OF THE KIDDYLAND VESTIBULE.
DM-78	REMOVE AND REPLACE TIMBER ROOF DECKING AND TIMBER ROOF JOISTS IN KIND. SEE STRUCTURAL DRAWINGS.
DM-79	REMOVE EXISTING TICKET BUILDING AND CONCRETE SLAB.
DM-80	REMOVE UNUSED GATE POST AND REPAIR/ PAINT THE STUCCO BEHIND.
DM-81	CAREFULLY REMOVE THE STONE BASE AND RETAIN FOR REPLICATION.
DM-82	REMOVE WOOD TRIM PANELS AND PREPARE TO MATCH THE WOOD TRIM PANELS ON THE SOUTH AND WEST ELEVATION IN KIND.
DM-83	CAREFULLY REMOVE EXISTING CAST STONE FOR REPLICATION.
DM-84	REMOVE EXISTING STUCCO WHERE INDICATED AND PATCH/ REPAIR.

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CONSULTANT INFORMATION

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CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT NO. 031041 STATE OF NEW YORK

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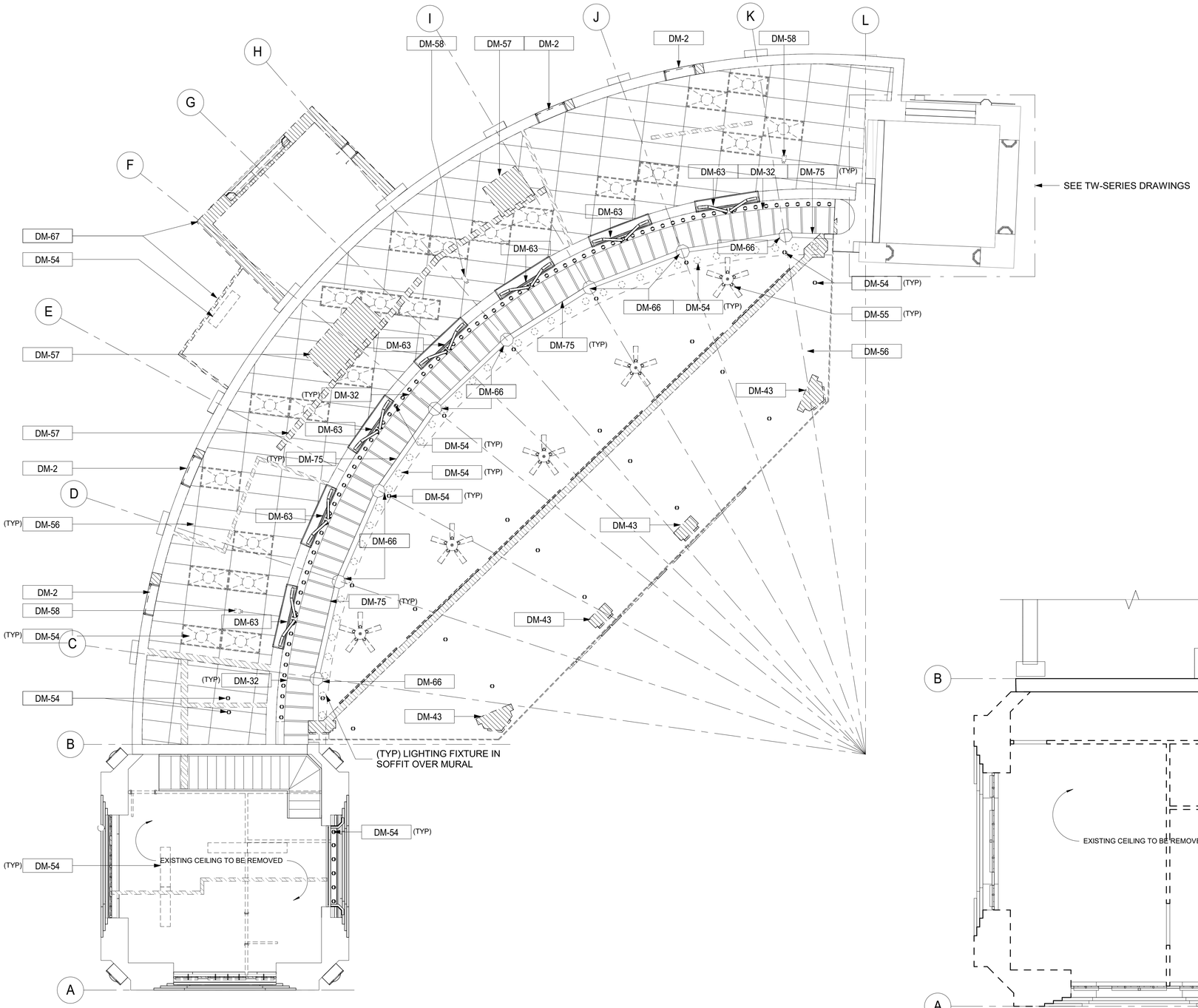
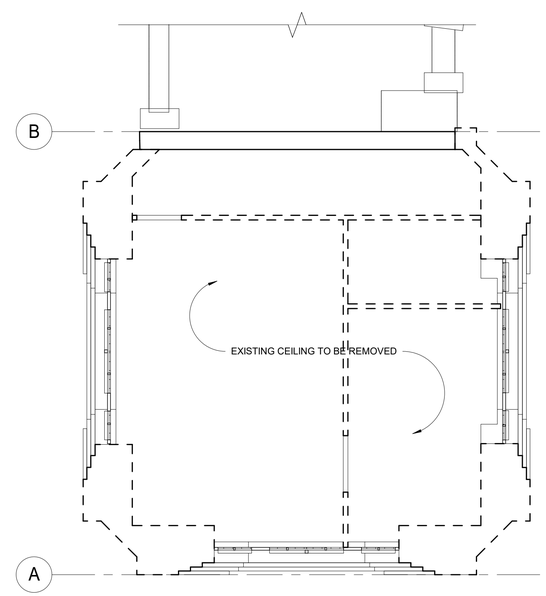
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
N.A. GROUND FLOOR DEMOLITION PLAN

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-A-01

DWG NO.: **Page 67 of 387**
SCALE: **As indicated**
DATE: **09/16/2020**
DPW FILE NUMBER **1-118-A-67** REV. NO. **0**



1 GROUND FLOOR CEILING DEMOLITION PLAN
3/16" = 1'-0"



2 2ND FLOOR CEILING DEMOLITION PLAN
1/4" = 1'-0"

GENERAL DEMOLITION NOTES

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3. DASHED LINES INDICATE WALLS, FIXTURES, EQUIPMENT, ETC. TO BE REMOVED AND DISPOSED OF BY G.C. . ANY QUESTIONS ON SCOPE OF DEMOLITION MUST BE DIRECTED TO THE ARCHITECT PRIOR TO BID
4. THE EXISTING WORK REQUIRED TO BE REMOVED SHALL BE AS INDICATED BUT SHALL ALSO EXTEND TO INCLUDE ANY AND ALL OTHER EXISTING MATERIALS OR WORK NECESSARY TO INSTALL THE NEW WORK AS SHOWN AND SPECIFIED AND TO CONNECT SAME WITH THE EXISTING WORK IN AN APPROVED MANNER.
5. ALTER AND RESTORE EXISTING WALLS, PARTITIONS, COLUMNS, CEILING AND FLOORS, AND THEIR RESPECTIVE FINISHED SURFACES TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.
6. IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVES OF ANY HAZDAROUS MATERIALS ENCOUNTERED DURING DEMOLITION/REMOVAL.
7. ALL DIMENSIONS AND CONSTRUCTION CONDITIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF WORK.
8. CONTAINERIZED DEMOLITION DEBRIS SHALL BE TCLP TESTED TO CONFIRM WASTE MAY BE DISPOSED OF AS NON-HAZARDOUS.

DEMOLITION LEGEND

INDICATES REMOVAL

DEMOLITION

? KEY NOTES

KEYNOTE LEGEND

Key Value	Keynote Text
DM-1	REMOVE ALL EXISTING EXTERIOR DOORS AND CAULKING. EXISTING FRAME TO REMAIN, REPAIR AND PREPARE TO RECEIVE NEW DOOR. (TYP.)
DM-2	REMOVE EXISTING WINDOW AND CAULKING. PREPARE TO RECEIVE NEW WINDOW. (TYP.) CAREFULLY REMOVE EXISTING WINDOW TRIM AND RETAIN FOR REPLICATION.
DM-4	COORDINATE EQUIPMENT REMOVAL AND RELOCATION WITH SERVICE COMPANY.
DM-9	CAREFULLY REMOVE EXISTING GLASS FINIAL FOR RESTORATION
DM-10	EXISTING ROOFING TO BE REMOVED.
DM-21	EXISTING WALL TO BE REMOVED.
DM-25	EXISTING URN TO BE REMOVED CAREFULLY FOR RESTORATION OR FOR USE AS A MODEL FOR REPLICATION WHICH EVER APPLIES; WHEN RESTORING CLEAN/POLISH COPPER COMPONENT. APPLY PROTECTIVE COATING TO MATCH EXISTING ADJACET BUILDING. INSPECT ELECTRICAL SYSTEM TO MEET CODE. COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH. EXISTING STUCCO FINISH TO BE SCRAPED AND PREPARED TO RECEIVE NEW STUCCO.
DM-30	SEE ELECTRICAL DRAWINGS.
DM-32	SCRAPE EXISTING WOOD COLUMNS, TRIM, PANELS AND CASEWORK TO BARE WOOD TO BE PREPARED FOR NEW FINISH. REPLACE ALL ROTTED WOOD.(TYP)
DM-33	MECHANICAL EQUIPMENT TO BE REMOVED. SEE MECHANICAL DRAWINGS.
DM-37	REMOVE EXISTING DOWNSPOUT AND ACCESSORIES.
DM-38	CAREFULLY REMOVE EXISTING SIGN BOARD. RETAIN FOR REPLICATION. REPLACE ANY NON HISTORIC ELEMENT TO MATCH HISTORIC.
DM-39	AT DOMED TOWER, REMOVE EXISTING STUCCO TO CINDERBLOCK AT ALL WALL AREA NOT INDICATED TO BE REBUILT PER STRUCTURAL DRAWINGS. NOTIFY ARCHITECT/ ENGINEER OF ANY DAMAGED CINDERBLOCK NOT VISIBLE BEHIND STUCCO.
DM-40	EXISTING BALUSTRADE TO BE REMOVED.
DM-41	EXISTING EXHAUST FOR HOT WATER HEATER TO BE REMOVED.
DM-43	COLUMNS AND FLOWER BOXES TO BE REMOVED.
DM-44	EXISTING ROLL DOWN GATES AND WALL TO BE REMOVED.
DM-45	EXISTING INTERIOR EQUIPMENT TO BE REMOVED BY VENDOR.
DM-46	ROOFTOP EQUIPMENT TO BE REMOVED.
DM-53	EXISTING PLUMBING FIXTURES AND EQUIPMENT TO BE REMOVED. SEE PLUMBING DRAWINGS.
DM-54	EXISTING LIGHTS TO BE REMOVED. SEE ELECTRICAL DRAWINGS.
DM-55	EXISTING CEILING FAN TO BE REMOVED.
DM-56	EXISTING CEILING AND ALL HANGERS/ACCESSORIES TO BE REMOVED.
DM-57	CEILING MOUNTED EQUIPMENT TO BE REMOVED.
DM-58	REMOVE EXISTING SECURTITY CAMERAS.
DM-61	ALL INTERIOR FRP WALL COVERINGS AND ASSOCIATED ACCESSORIES TO BE REMOVED THROUGHOUT.
DM-63	REMOVE EXISTING BI-FOLD DOORS AND TRANSOMS. REPAIR, SCRAP, SAND, REPAINT, AND STORE TO BE RE-INSTALLED AT THE COMPLETION OF THE RENOVATION. REPRODUCE IF NEEDED.
DM-64	EXISTING ROOF STRUCTURE TO BE REMOVED IN IT'S ENTIRETY.
DM-65	EXISTING FLOOR TO BE REMOVED.
DM-66	EXISTING COLUMN TO REMAIN AND BE PROTECTED. SAWCUT FLOOR AROUND EXISTING COLUMNS - SEE STRUCTURAL DRAWINGS. CAREFULLY REMOVE EXISTING COLUMN CAPITAL, BASE, AND COVERS FOR RESTORATION AND REINSTALLATION.
DM-67	EXISTING STRUCTURE TO BE REMOVED IN ITS ENTIRETY.
DM-68	EXISTING SECOND FLOOR EXTERIOR WALLS AND WINDOWS TO BE REMOVED. SEE STRUCTURAL DRAWINGS.
DM-70	REMOVE ALL EXISTING CONCRETE PADS.
DM-71	REMOVE ALL QUARRY TILE.
DM-72	REMOVE ALL TILE DOWN TO SUBFLOOR.
DM-73	REMOVE EXISTING FLAGPOLES. (TYP.)
DM-74	REMOVE EXISTING COPPER ROOFING INCLUDING BUILT IN GUTTERS, COPING, AND FLASHING.
DM-75	EXISTING WOOD TRIM FRAME TO BE REPLICATED IN KIND AND PREPARED FOR NEW PAINTED FINISH.
DM-76	CAREFULLY REMOVE EXISTING MURAL AND RETAIN FOR REPLICATION.
DM-77	REMOVE BUILT OUT WALL AND PREPARE TO RESTORE THE EXISTING OPENING OF THE KIDDYLAND VESTIBULE.
DM-78	REMOVE AND REPLACE TIMBER ROOF DECKING AND TIMBER ROOF JOISTS IN KIND. SEE STRUCTURAL DRAWINGS.
DM-79	REMOVE EXISTING TICKET BUILDING AND CONCRETE SLAB.
DM-80	REMOVE UNUSED GATE POST AND REPAIR/ PAINT THE STUCCO BEHIND.
DM-81	CAREFULLY REMOVE THE STONE BASE AND RETAIN FOR REPLICATION.
DM-82	REMOVE WOOD TRIM PANELS AND PREPARE TO MATCH THE WOOD TRIM PANELS ON THE SOUTH AND WEST ELEVATION IN KIND.
DM-83	CAREFULLY REMOVE EXISTING CAST STONE FOR REPLICATION.
DM-84	REMOVE EXISTING STUCCO WHERE INDICATED AND PATCH/ REPAIR.

10/15/2020 5:30:55 PM

CONSULTANT INFORMATION
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(516) 938-5476 www.liro.com

CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH R. GRANT No. 031047 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

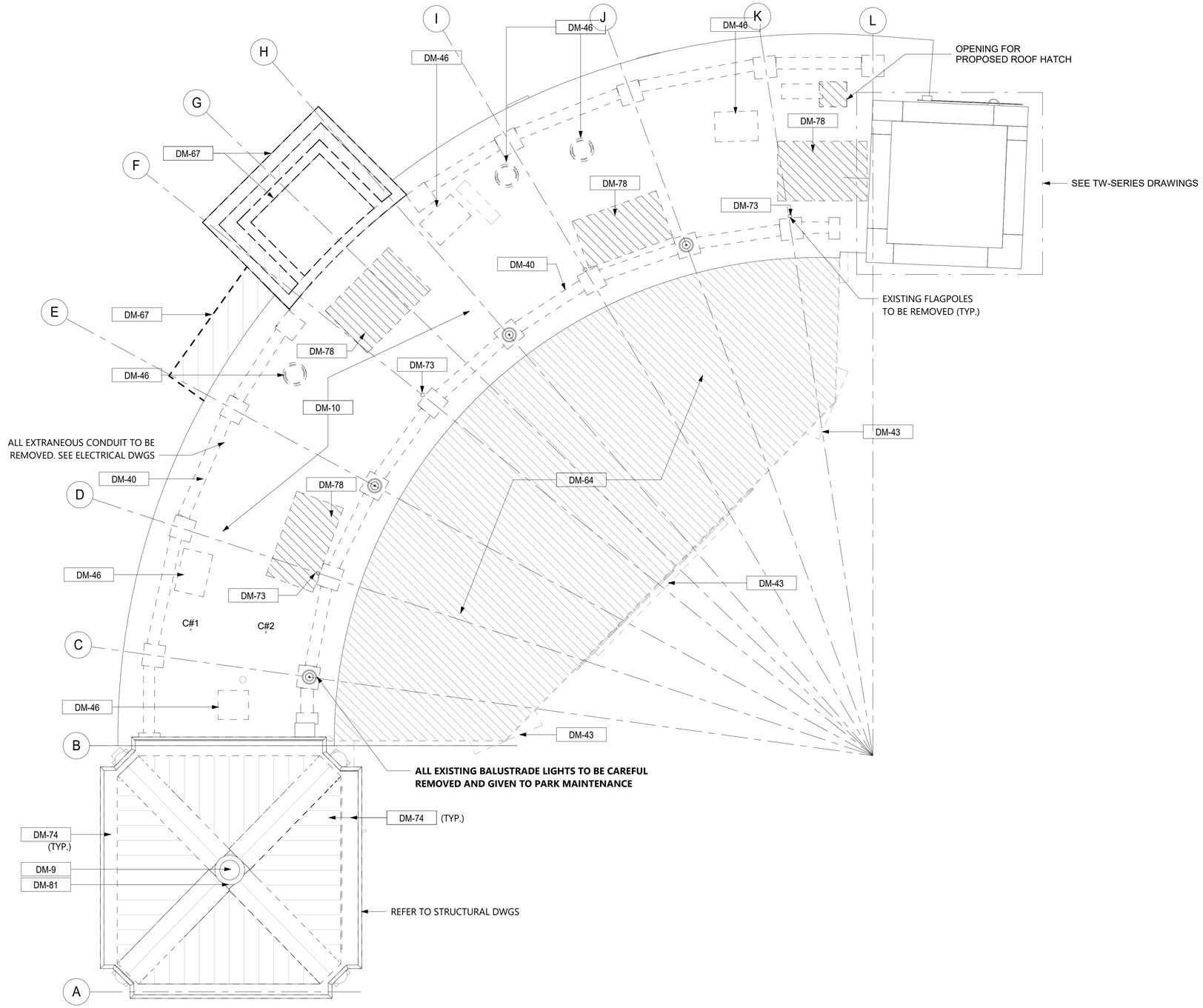
CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
REFLECTED CEILING DEMOLITION & REFLECTED CEILING PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-A-02
DWG NO.:	Page 68 of 387
SCALE:	As indicated
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-68
REV. NO.	0



1 NORTH ADMIN ROOF
3/16" = 1'-0"

GENERAL DEMOLITION NOTES

1. ALL DEMOLITION AND REMOVAL WORK SHALL BE COMPLETED AS INDICATED AND NOTED ON THE DRAWINGS AND AS SPECIFIED.
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3. DASHED LINES INDICATE WALLS, FIXTURES, EQUIPMENT, ETC. TO BE REMOVED AND DISPOSED OF BY G.C. . ANY QUESTIONS ON SCOPE OF DEMOLITION MUST BE DIRECTED TO THE ARCHITECT PRIOR TO BID
4. THE EXISTING WORK REQUIRED TO BE REMOVED SHALL BE AS INDICATED BUT SHALL ALSO EXTEND TO INCLUDE ANY AND ALL OTHER EXISTING MATERIALS OR WORK NECESSARY TO INSTALL THE NEW WORK AS SHOWN AND SPECIFIED AND TO CONNECT SAME WITH THE EXISTING WORK IN AN APPROVED MANNER.
5. ALTER AND RESTORE EXISTING WALLS, PARTITIONS, COLUMNS, CEILING AND FLOORS, AND THEIR RESPECTIVE FINISHED SURFACES TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.
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(2) CORES C#1, C#2 SAME RESULTS= WOOD DECK
COAL TAR PITCH BUILT UP ROOF
2" SPRAYED PUF
MODIFIED BITUMEN SBS (1 PLY)
+/- 2 1/2" THICKNESS

DEMOLITION LEGEND

INDICATES REMOVAL

? KEY NOTES

KEYNOTE LEGEND

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DM-83	CAREFULLY REMOVE EXISTING CAST STONE FOR REPLICATION.
DM-84	REMOVE EXISTING STUCCO WHERE INDICATED AND PATCH/ REPAIR.

10/15/2020 5:30:57 PM

CONSULTANT INFORMATION
The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

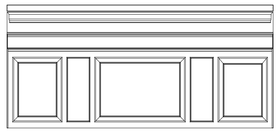
CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

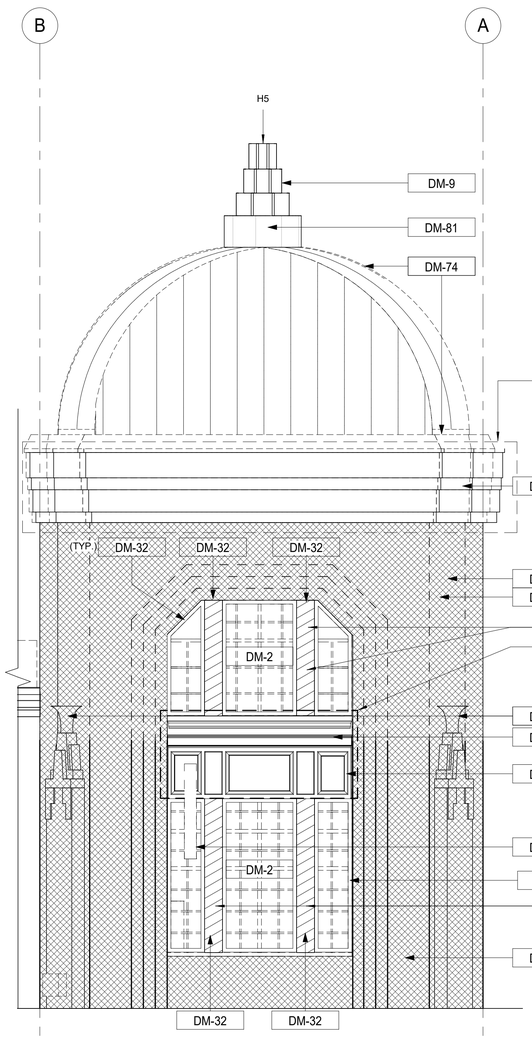
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
N.A. ROOF DEMOLITION PLAN

CONTRACT NUMBER 20-501
SHEET NUMBER NA-A-03
DWG NO.: Page 69 of 387
SCALE: 3/16" = 1'-0"
DATE: 09/16/2020
DPW FILE NUMBER 1-118-A-69
REV. NO. 0

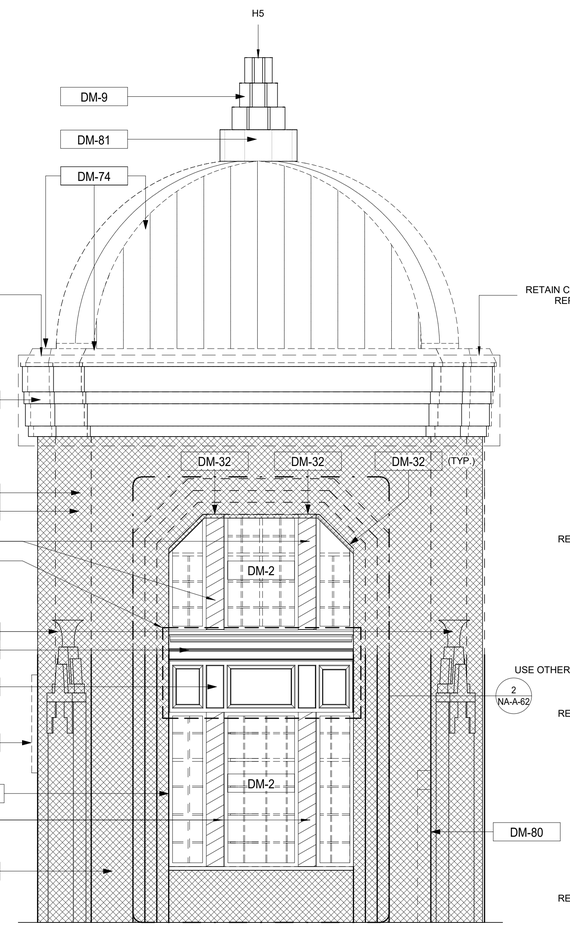


USE RETAINED ELEMENTS FOR REPLICATION WHERE INDICATED

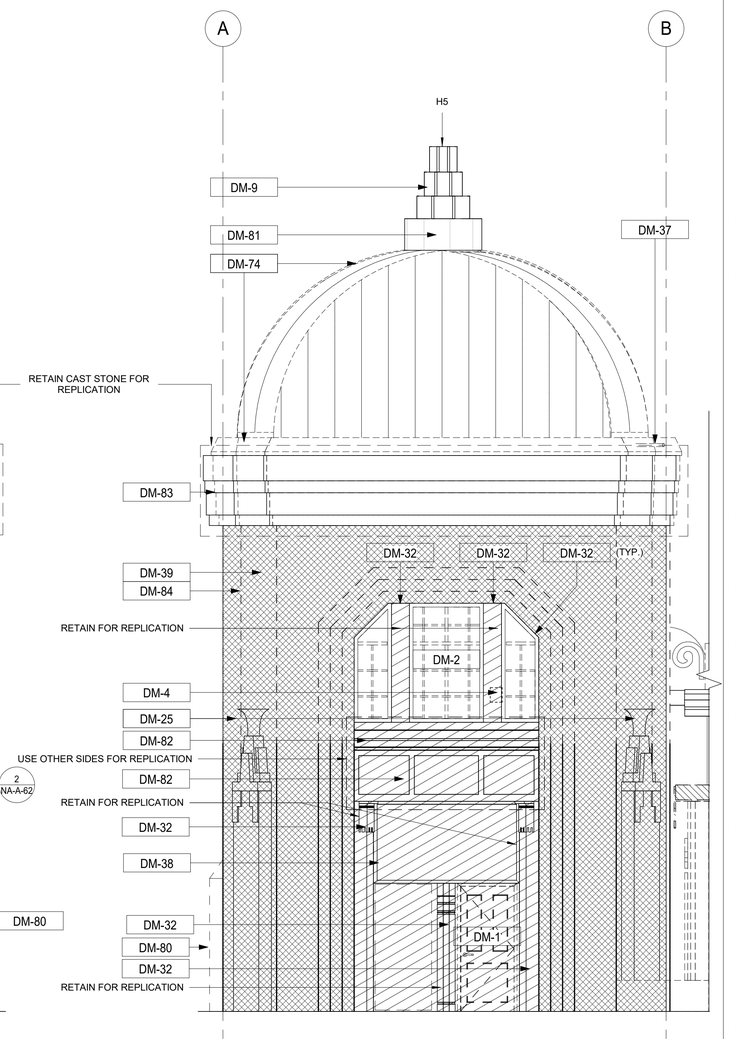
4 DOMED TOWER WOOD PANELS
3/8" = 1'-0"



1 Elevation 1 - a
1/4" = 1'-0"



2 Elevation 2 - a
1/4" = 1'-0"



3 Elevation 3 - a
1/4" = 1'-0"

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DEMOLITION LEGEND

INDICATES STUCCO PATCH/ REPAIR

INDICATES DEMOLITION

? KEY NOTES

INDICATES WOOD WORK

KEYNOTE LEGEND

Key Value	Keynote Text
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DM-84	REMOVE EXISTING STUCCO WHERE INDICATED AND PATCH/ REPAIR.

10/15/2020 5:30:58 PM

CONSULTANT INFORMATION

The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031034 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

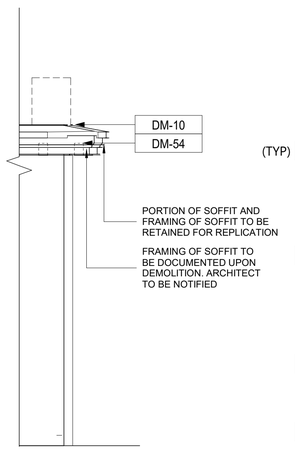
CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

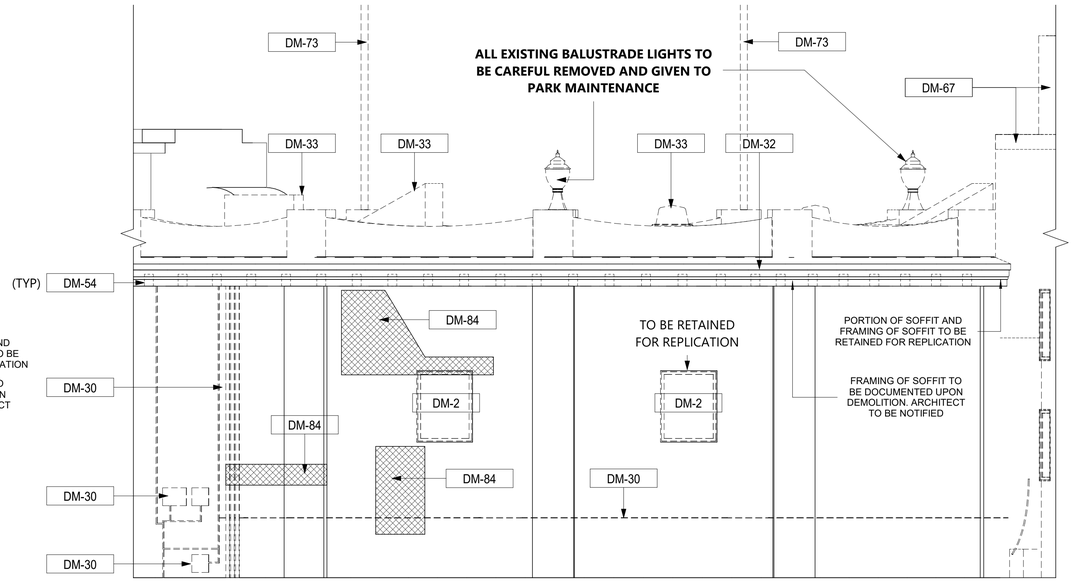
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
N.A. EXTERIOR DEMOLITION ELEVATIONS

CONTRACT NUMBER **20-501**
SHEET NUMBER **NA-A-04**
DWG NO.: **Page 70 of 387**
SCALE: **As indicated**
DATE: **09/16/2020**
DPW FILE NUMBER **1-118-A-70**
REV. NO. 0



1 Elevation 7 - b
1/4" = 1'-0"



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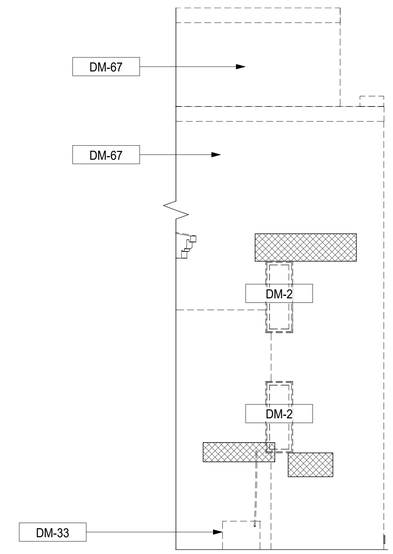

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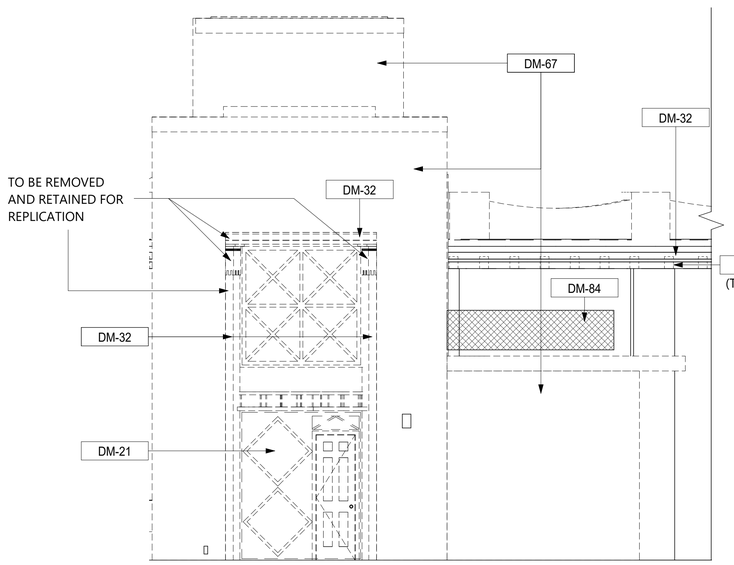

4 Elevation 10 - a
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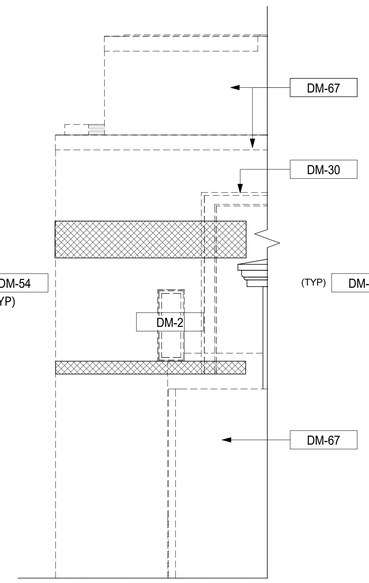

5 Elevation 11 - a
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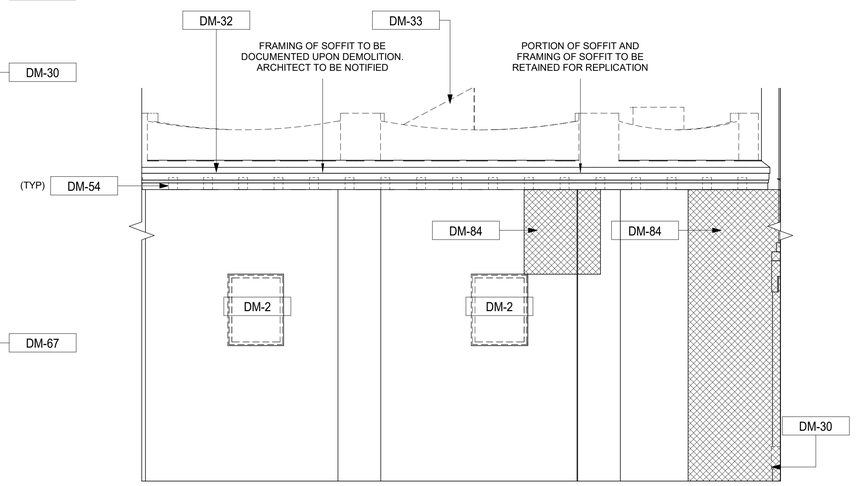

6 Elevation 12 - a
1/4" = 1'-0"

GENERAL DEMOLITION NOTES

1. ALL DEMOLITION AND REMOVAL WORK SHALL BE COMPLETED AS INDICATED AND NOTED ON THE DRAWINGS AND AS SPECIFIED.
2. PRIOR TO STARTING WORK, MAKE A THOROUGH EXAMINATION OF THE PORTIONS OF THE STRUCTURE IN WHICH THE WORK IS TO BE PERFORMED. CHECK ALL THE WORK AT ADJOINING OR UNDERLYING LOCATIONS. REPORT TO THE ARCHITECT ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE PREVENT THE PROPER EXECUTION AND COMPLETION OF THE WORK. DO NOT START WORK UNTIL SUCH CONDITIONS HAS BEEN EXAMINED AND MUTUALLY AGREED UPON WITH THE ARCHITECT.
3. DASHED LINES INDICATE WALLS, FIXTURES, EQUIPMENT, ETC. TO BE REMOVED AND DISPOSED OF BY G.C. . ANY QUESTIONS ON SCOPE OF DEMOLITION MUST BE DIRECTED TO THE ARCHITECT PRIOR TO BID
4. THE EXISTING WORK REQUIRED TO BE REMOVED SHALL BE AS INDICATED BUT SHALL ALSO EXTEND TO INCLUDE . ANY AND ALL OTHER EXISTING MATERIALS OR WORK NECESSARY TO INSTALL THE NEW WORK AS SHOWN AND SPECIFIED AND TO CONNECT SAME WITH THE EXISTING WORK IN AN APPROVED MANNER.
5. ALTER AND RESTORE EXISTING WALLS, PARTITIONS, COLUMNS, CEILING AND FLOORS, AND THEIR RESPECTIVE FINISHED SURFACES TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.
6. IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVES OF ANY HAZDAROUS MATERIALS ENCOUNTERED DURING DEMOLITION/REMOVAL.
7. ALL DIMENSIONS AND CONSTRUCTION CONDITIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF WORK.
8. CONTAINERIZED DEMOLITION DEBRIS SHALL BE TCLP TESTED TO CONFIRM WASTE MAY BE DISPOSED OF AS NON-HAZARDOUS.

DEMOLITION LEGEND

- INDICATES STUCCO PATCH/ REPAIR
- INDICATES DEMOLITION
- ? KEY NOTES
- INDICATES WOOD WORK

KEYNOTE LEGEND

Key Value	Keynote Text
DM-1	REMOVE ALL EXISTING EXTERIOR DOORS AND CAULKING. EXISTING FRAME TO REMAIN, REPAIR AND PREPARE TO RECEIVE NEW DOOR. (TYP.)
DM-2	REMOVE EXISTING WINDOW AND CAULKING. PREPARE TO RECEIVE NEW WINDOW. (TYP.) CAREFULLY REMOVE EXISTING WINDOW TRIM AND RETAIN FOR REPLICATION.
DM-4	COORDINATE EQUIPMENT REMOVAL AND RELOCATION WITH SERVICE COMPANY.
DM-9	CAREFULLY REMOVE EXISTING GLASS FINIAL FOR RESTORATION
DM-10	EXISTING ROOFING TO BE REMOVED.
DM-21	EXISTING WALL TO BE REMOVED.
DM-25	EXISTING URN TO BE REMOVED CAREFULLY FOR RESTORATION OR FOR USE AS A MODEL FOR REPLICATION WHICH EVER APPLIES; WHEN RESTORING CLEAN/POLISH COPPER COMPONENT. APPLY PROTECTIVE COATING TO MATCH EXISTING ADJACET BUILDING. INSPECT ELECTRICAL SYSTEM TO MEET CODE. COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH. EXISTING STUCCO FINISH TO BE SCRAPED AND PREPARED TO RECEIVE NEW STUCCO.
DM-30	SEE ELECTRICAL DRAWINGS.
DM-32	SCRAPE EXISTING WOOD COLUMNS, TRIM, PANELS AND CASEWORK TO BARE WOOD TO BE PREPARED FOR NEW FINISH. REPLACE ALL ROTTED WOOD.(TYP)
DM-33	MECHANICAL EQUIPMENT TO BE REMOVED. SEE MECHANICAL DRAWINGS.
DM-37	REMOVE EXISTING DOWNSPOUT AND ACCESSORIES.
DM-38	CAREFULLY REMOVE EXISTING SIGN BOARD. RETAIN FOR REPLICATION. REPLACE ANY NON HISTORIC ELEMENT TO MATCH HISTORIC.
DM-39	AT DOMED TOWER, REMOVE EXISTING STUCCO TO CINDERBLOCK AT ALL WALL AREA NOT INDICATED TO BE REBUILT PER STRUCTURAL DRAWINGS. NOTIFY ARCHITECT/ ENGINEER OF ANY DAMAGED CINDERBLOCK NOT VISIBLE BEHIND STUCCO.
DM-40	EXISTING BALUSTRADE TO BE REMOVED.
DM-41	EXISTING EXHAUST FOR HOT WATER HEATER TO BE REMOVED.
DM-43	COLUMNS AND FLOWER BOXES TO BE REMOVED.
DM-44	EXISTING ROLL DOWN GATES AND WALL TO BE REMOVED.
DM-45	EXISTING INTERIOR EQUIPMENT TO BE REMOVED BY VENDOR.
DM-46	ROOFTOP EQUIPMENT TO BE REMOVED.
DM-53	EXISTING PLUMBING FIXTURES AND EQUIPMENT TO BE REMOVED. SEE PLUMBING DRAWINGS.
DM-54	EXISTING LIGHTS TO BE REMOVED. SEE ELECTRICAL DRAWINGS.
DM-55	EXISTING CEILING FAN TO BE REMOVED.
DM-56	EXISTING CEILING AND ALL HANGERS/ACCESSORIES TO BE REMOVED.
DM-57	CEILING MOUNTED EQUIPMENT TO BE REMOVED.
DM-58	REMOVE EXISTING SECURTITY CAMERAS.
DM-61	ALL INTERIOR FRP WALL COVERINGS AND ASSOCIATED ACCESSORIES TO BE REMOVED THROUGHOUT.
DM-63	REMOVE EXISTING BI-FOLD DOORS AND TRANSOMS. REPAIR, SCRAP, SAND, REPAINT, AND STORE TO BE RE-INSTALLED AT THE COMPLETION OF THE RENOVATION. REPRODUCE IF NEEDED.
DM-64	EXISTING ROOF STRUCTURE TO BE REMOVED IN IT'S ENTIRETY.
DM-65	EXISTING FLOOR TO BE REMOVED.
DM-66	EXISTING COLUMN TO REMAIN AND BE PROTECTED. SAWCUT FLOOR AROUND EXISTING COLUMNS - SEE STRUCTURAL DRAWINGS. CAREFULLY REMOVE EXISTING COLUMN CAPITAL, BASE, AND COVERS FOR RESTORATION AND REINSTALLATION.
DM-67	EXISTING STRUCTURE TO BE REMOVED IN ITS ENTIRETY.
DM-68	EXISTING SECOND FLOOR EXTERIOR WALLS AND WINDOWS TO BE REMOVED. SEE STRUCTURAL DRAWINGS.
DM-70	REMOVE ALL EXISTING CONCRETE PADS.
DM-71	REMOVE ALL QUARRY TILE.
DM-72	REMOVE ALL TILE DOWN TO SUBFLOOR.
DM-73	REMOVE EXISTING FLAGPOLES. (TYP.)
DM-74	REMOVE EXISTING COPPER ROOFING INCLUDING BUILT IN GUTTERS, COPING, AND FLASHING.
DM-75	EXISTING WOOD TRIM FRAME TO BE REPLICATED IN KIND AND PREPARED FOR NEW PAINTED FINISH.
DM-76	CAREFULLY REMOVE EXISTING MURAL AND RETAIN FOR REPLICATION.
DM-77	REMOVE BUILT OUT WALL AND PREPARE TO RESTORE THE EXISTING OPENING OF THE KIDDYLAND VESTIBULE.
DM-78	REMOVE AND REPLACE TIMBER ROOF DECKING AND TIMBER ROOF JOISTS IN KIND. SEE STRUCTURAL DRAWINGS.
DM-79	REMOVE EXISTING TICKET BUILDING AND CONCRETE SLAB.
DM-80	REMOVE UNUSED GATE POST AND REPAIR/ PAINT THE STUCCO BEHIND.
DM-81	CAREFULLY REMOVE THE STONE BASE AND RETAIN FOR REPLICATION.
DM-82	REMOVE WOOD TRIM PANELS AND PREPARE TO MATCH THE WOOD TRIM PANELS ON THE SOUTH AND WEST ELEVATION IN KIND.
DM-83	CAREFULLY REMOVE EXISTING CAST STONE FOR REPLICATION.
DM-84	REMOVE EXISTING STUCCO WHERE INDICATED AND PATCH/ REPAIR.

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CONSULTANT INFORMATION

The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

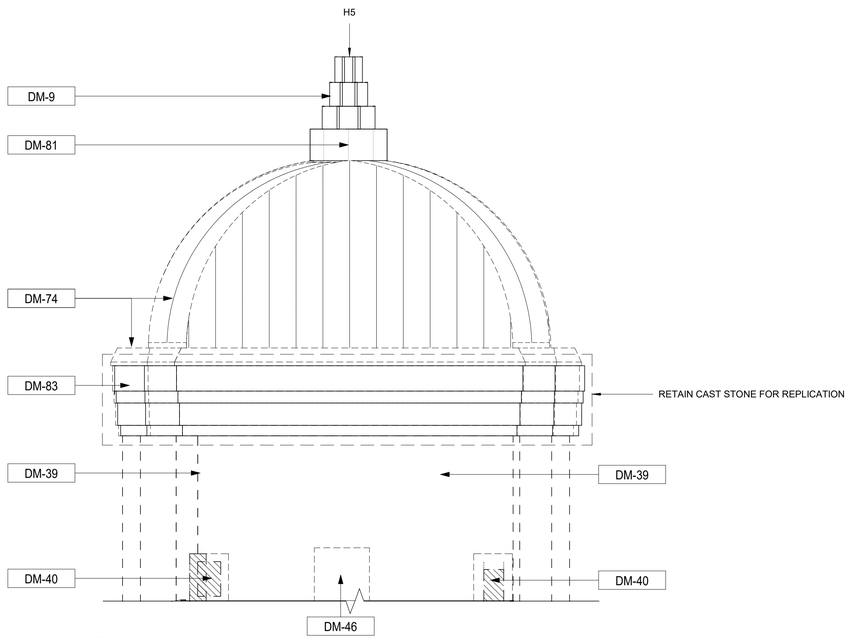
CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

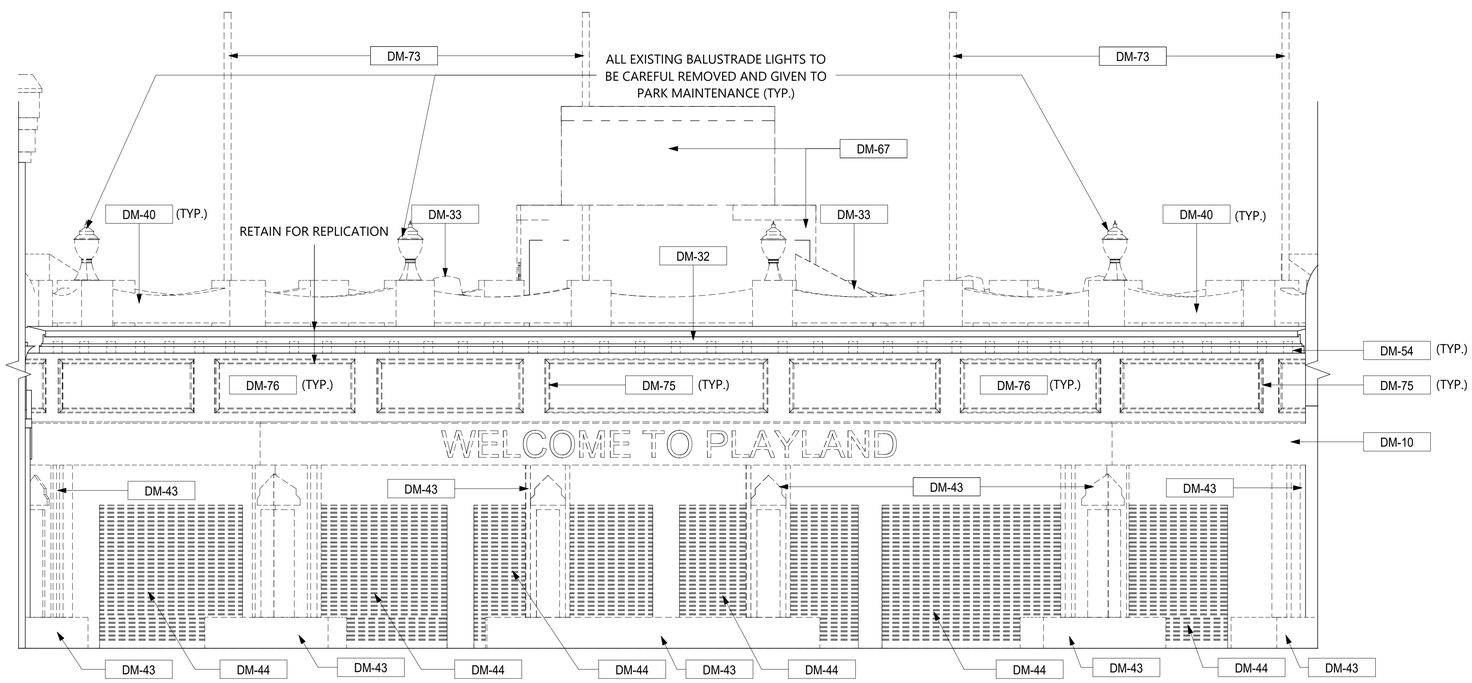
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
N.A. EXTERIOR DEMOLITION ELEVATIONS

CONTRACT NUMBER 20-501
SHEET NUMBER NA-A-05
DWG NO.: Page 71 of 387
SCALE: As indicated
DATE: 09/16/2020
DPW FILE NUMBER 1-118-A-71
REV. NO. 0



2 Elevation 23 - a
1/4" = 1'-0"



1 Elevation 4 - a
1/4" = 1'-0"

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DEMOLITION LEGEND

- INDICATES STUCCO PATCH/ REPAIR
- INDICATES DEMOLITION
- ? KEY NOTES
- INDICATES WOOD WORK

KEYNOTE LEGEND

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DM-30	SEE ELECTRICAL DRAWINGS.
DM-32	SCRAPE EXISTING WOOD COLUMNS, TRIM, PANELS AND CASEWORK TO BARE WOOD TO BE PREPARED FOR NEW FINISH. REPLACE ALL ROTTED WOOD.(TYP)
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DM-46	ROOFTOP EQUIPMENT TO BE REMOVED.
DM-53	EXISTING PLUMBING FIXTURES AND EQUIPMENT TO BE REMOVED. SEE PLUMBING DRAWINGS.
DM-54	EXISTING LIGHTS TO BE REMOVED. SEE ELECTRICAL DRAWINGS.
DM-55	EXISTING CEILING FAN TO BE REMOVED.
DM-56	EXISTING CEILING AND ALL HANGERS/ACCESSORIES TO BE REMOVED.
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DM-71	REMOVE ALL QUARRY TILE.
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DM-74	REMOVE EXISTING COPPER ROOFING INCLUDING BUILT IN GUTTERS, COPING, AND FLASHING.
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DM-79	REMOVE EXISTING TICKET BUILDING AND CONCRETE SLAB.
DM-80	REMOVE UNUSED GATE POST AND REPAIR/ PAINT THE STUCCO BEHIND.
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DM-82	REMOVE WOOD TRIM PANELS AND PREPARE TO MATCH THE WOOD TRIM PANELS ON THE SOUTH AND WEST ELEVATION IN KIND.
DM-83	CAREFULLY REMOVE EXISTING CAST STONE FOR REPLICATION.
DM-84	REMOVE EXISTING STUCCO WHERE INDICATED AND PATCH/ REPAIR.

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CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

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SIGNATURE
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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
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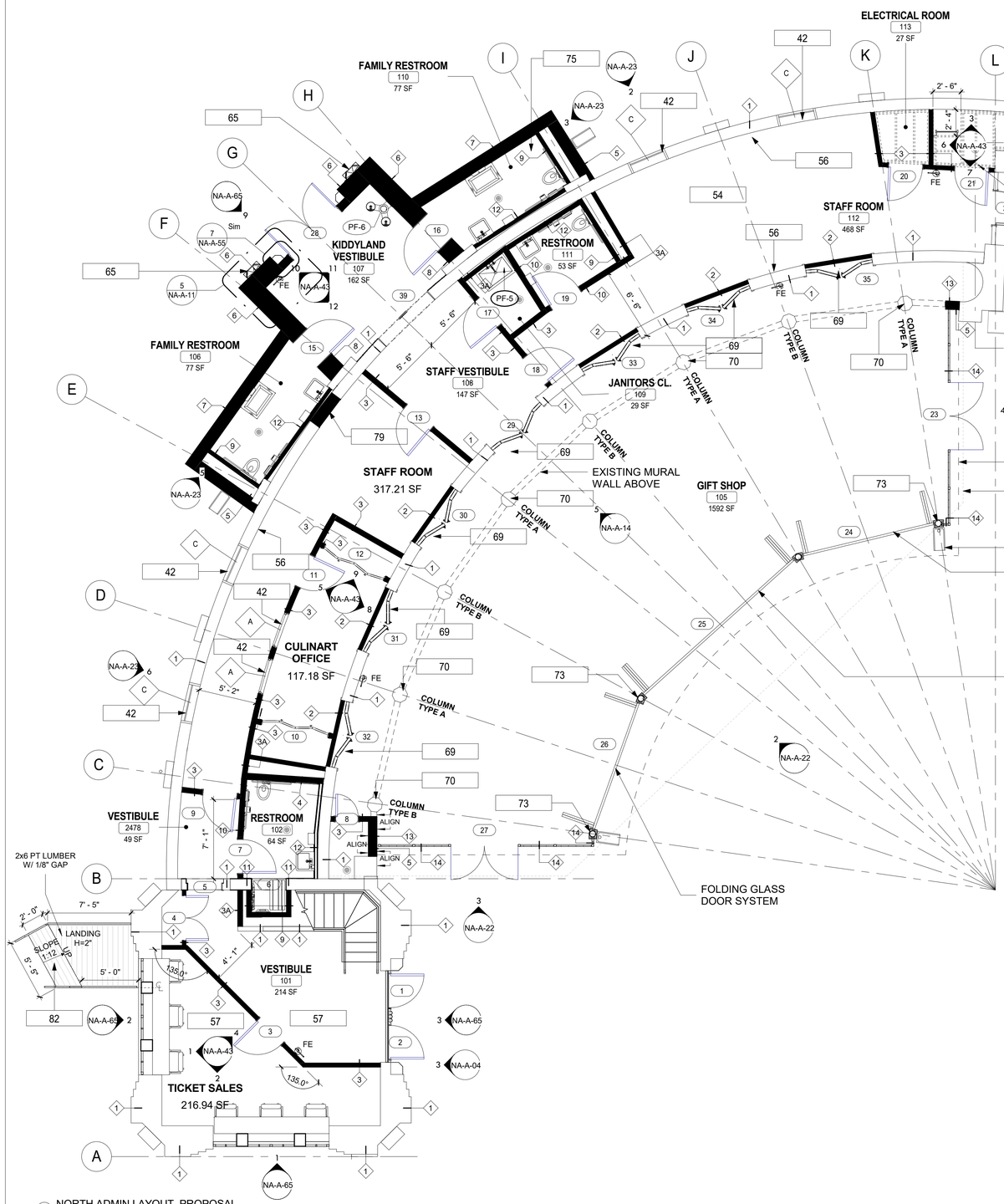
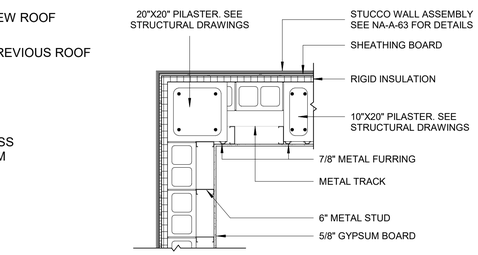
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
N.A. EXTERIOR DEMOLITION ELEVATIONS

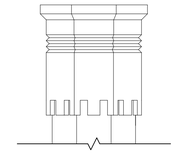
CONTRACT NUMBER	20-501
SHEET NUMBER	NA-A-06
DWG NO.:	Page 72 of 387
SCALE:	As indicated
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-72
REV. NO.	0



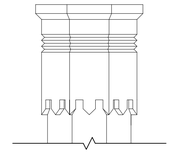
6 NORTH ADMIN LAYOUT PROPOSAL
3/16" = 1'-0"



5 KIDDYLAND PILASTER & STUCCO CMU WALL DETAIL
1/2" = 1'-0"



3 COLUMN CAPITAL DETAIL TYPE A
1" = 1'-0"



4 COLUMN CAPITAL DETAIL TYPE B
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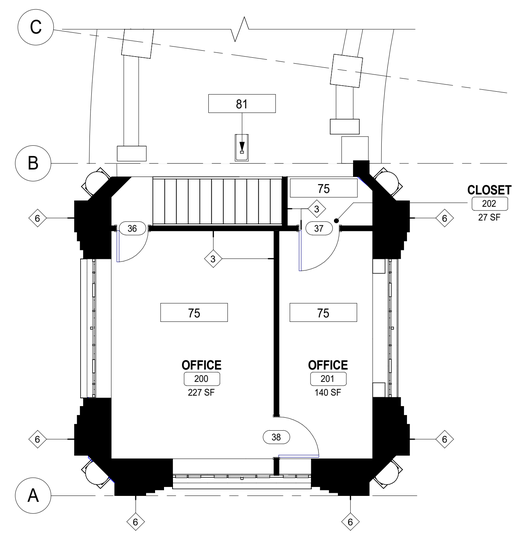

2 2ND FLOOR LAYOUT PROPOSAL
3/16" = 1'-0"

CONSTRUCTION GENERAL NOTES

1. ARCHITECTURAL DRAWINGS MUST BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS FOR PROJECT. ALL DISCREPANCIES BETWEEN DRAWINGS MUST BE BROUGHT TO ARCHITECTS ATTENTION PRIOR TO PROCEEDING WITH WORK.

2. THE CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE BEGINNING OF WORK.

3. THE CONTRACTOR SHALL VERIFY ALL DIMS FOR LOCATIONS OF NEW PARTITIONS AND DOOR OPENINGS. ALL DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT AND RESOLVED PRIOR TO CONSTRUCTION.

4. DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT IN CASE OF DISCREPANCIES AND SEEK CLARIFICATION BEFORE PROCEEDING WITH WORK.

5. PROVIDE 20 GAUGE METAL BLOCKING AS REQUIRED TO ANCHOR MILLWORK, FURNITURE PARTITIONS, TOILET ACCESSORIES, PLUMBING FIXTURES, ETC.

6. COORDINATE ALL FIXTURES AND DEVICES WITH MECHANICAL ELECTRICAL PLUMBING, FIRE PROTECTION, POWER/DATA DRAWINGS. ALL CONFLICTS BETWEEN ARCHITECTURAL AND MEP DRAWINGS MUST BE BROUGHT TO ARCHITECTS ATTENTION.

7. IF DURING THE COURSE OF THIS CONTRACT, THE CONTRACTOR DISCOVERS OPENINGS, PIPING CONFLICTS, OR OTHER SITE FACTORS AFFECTING THE INTEGRITY OF EXISTING FIRE STOPPINGS. THE CONTRACTOR SHALL MAKE REPARATIONS TO RESTORE THE FIRE RATED INTEGRITY OF THE COMPRISED.

8. IF CONTRACTOR WANTS TO INSTALL AN ACCESS PANEL NOT SHOWN IT MUST BE BROUGHT TO ARCHITECTS ATTENTION FOR APPROVAL PRIOR TO PROCEEDING WITH WORK.

CONSTRUCTION LEGEND

	INDICATES PATCH/REPAIR
?	KEY NOTES
1i	WINDOW TAG
101	DOOR TAG
1i	WALL TAG
1t	PLUMBING FIXTURE
FE	FIRE EXTINGUISHER

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
1	REFURBISHED GLASS FINIAL TO MATCH EXISTING ON ADJACENT BUILDING. INSPECT ELECTRICAL SYSTEM AND REPAIR AS REQUIRED TO MEET CODE, COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH. RETROFIT LAMP SYSTEM AS PER SPECIFICATIONS.
4	NEW ALUMINUM COPING. TO MATCH RESTORED ICE CASINO.
5	COAT ENTIRE STUCCO FACADE WITH NEW FINISH COATING AND TWO COATS OF FINISH PAINT.
6	NEW WINDOW SET IN EXISTING OPENING. REFER TO FLOOR PLAN FOR LOCATION AND WINDOW SCHEDULE FOR ADDITIONAL INFO. CONTRACTOR TO V.I.F. ALL DIMENSIONS PRIOR TO ORDERING (TYP.)
7	REPAIR ALL CRACKS, HOLES AND/OR DAMAGE IN STUCCO PRIOR TO APPLYING ANY AND ALL COATINGS.
8	NEW DOOR SET IN EXISTING OPENING. REFER TO DOOR SCHEDULE FOR ADDITIONAL INFO. CONTRACTOR TO V.I.F. ALL DIMENSIONS PRIOR TO ORDERING NEW DOORS. (TYPICAL AT ALL EXTERIOR LOCATIONS.)
13	NEW ALUMINUM STANDING SEAM ROOF, COPING, BUILT IN GUTTER, AND FLASHING. (TO MATCH RESTORED ICE CASINO)
14	EXTERIOR WOOD TRIM TO BE RESTORED/REFURBISHED AS REQUIRED THROUGHOUT (TYP.)
16	ALL TORCHIERE TO BE RESTORED AND RETRO-FITTED TO ACCEPT LIGHTING FIXTURE. SEE ELECTRICAL DRAWINGS.
17	ROOF BALUSTRADES TO BE RE-BUILT TO HISTORIC APPEARANCE.
18	HISTORIC GRILLE TO BE RECREATED.
20	NEW LANTERNS. SEE ELECTRICAL PLANS.
21	NEW ALUMINUM STANDING SEAM ROOF AT NEW GIFT SHOP AND SIDES OF NEW GIFT SHOP.
22	NEW GLASS STOREFRONT.
24	ALL TORCHIERES TO BE RESTORED WITH NEW LIGHTING. SEE ELECTRICAL DRAWINGS.
28	STEEL WINDOWS TO BE REPLACED TO MATCH HISTORIC. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT). REINSTALL RESTORED WINDOW TRIM.
40	NEW ROOFING SYSTEM. COLD APPLIED 3PLY SBS MODIFIED BITUMINOUS ROOFING WITH MIN. 2% POSITIVE DRAINAGE TO NEW ROOF DRAINS.
41	PROVIDE AND INSTALL NEW FLAGPOLES TO MATCH EXISTING. SEE SHEET NA-A-56.
42	NEW WINDOW. SEE WINDOW SCHEDULE.
43	NEW BUILD-OUT FOR KIDDIE-LAND RESTROOMS. SEE CONSTRUCTION PLANS.
50	INSTALL NEW BALUSTRADE LIGHT. SEE E-DWGS
54	POLISHED CONCRETE THROUGHOUT
56	REPAIR STUCCO TO MATCH EXISTING IN TEXTURE AND FINISH.
57	POLISHED CONCRETE TOPPING SLAB
58	CONSTRUCT MURAL PANELS. HIGH- RESOLUTION JPG IMAGE FILES WILL BE PROVIDED FOR PRINTING BY THE CONTRACTOR.
59	EXTERIOR WOOD TRIM TO BE RESTORED/ REFURBISHED AS REQUIRED THROUGHOUT (TYP.) APPLY TWO COATS OF FINISH PAINT.
60	NEW ALUMINUM BUILT-IN GUTTER AND FLASHING. (TO MATCH RESTORED ICE CASINO)
61	REINSTALL RESTORED/ REPLICATED CAST STONE.
62	PROVIDE AND INSTALL NEW DRIP EDGE.
65	BUILT-IN CAST STONE BRACKET.
67	NEW 3"X8" TIMBER ROOF JOIST AND ROOF SHEATHING (TYP.). SEE STRUCTRAL DRAWINGS.
69	REINSTALL REPAIRED/ REPLICATED BI-FOLD DOORS AND TRANSOMS.
70	REINSTALL RESTORED EXISTING COLUMN CAPITAL, BASE, AND COVERS. REPAINT AS INDICATED. IF ANY COMPONENT IS MISSING NOTIFY ARCHITECT.
71	PROVIDE AND INSTALL NEW ALUMINUM BUILT IN GUTTER WITH DOWNSPOUT AND SPLASHBLOCK.
73	INSTALL NEW HOLLOW STRUCTURAL SECTION COLUMN. SEE STRUCTRAL DRAWINGS. INSTALL NEW COLUMN ENCLOSURE.
74	INSTALL REPLICATED STONE BASE.
75	PROVIDE AND INSTALL NEW FLOORING. SEE FINISH SCHEDULE NA-A-14.
76	PROVIDE AND INSTALL NEW ROOF HATCH WITH SAFETY RAILING.
78	RESTORED EXISTING TRIM, FRAME, PANELS, AND CASEWORK. NEW PAINTED FINISH.
79	INFILL OPENING WITH NEW MASONRY TO MATCH ADJACENT AND PAINT FINISH AS INDICATED.
80	INSTALL RESTORED WOOD COLUMNS, TRIM, PANELS, AND CASEWORK.
81	INSTALL NEW GUTTER OUTLET, CONDUCTOR, AND DOWNSPOUT. FINISH AS INDICATED.
82	CONSTRUCT PT LUMBER ADA ACCESS RAMP AND PLATFORM. SURFACE MOUNTED ADA ROUND ALUMINUM HANDRAILS. FINISH AS INDICATED.

10/15/2020 5:31:06 PM

CONSULTANT INFORMATION

The LiRo Group
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(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031047 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

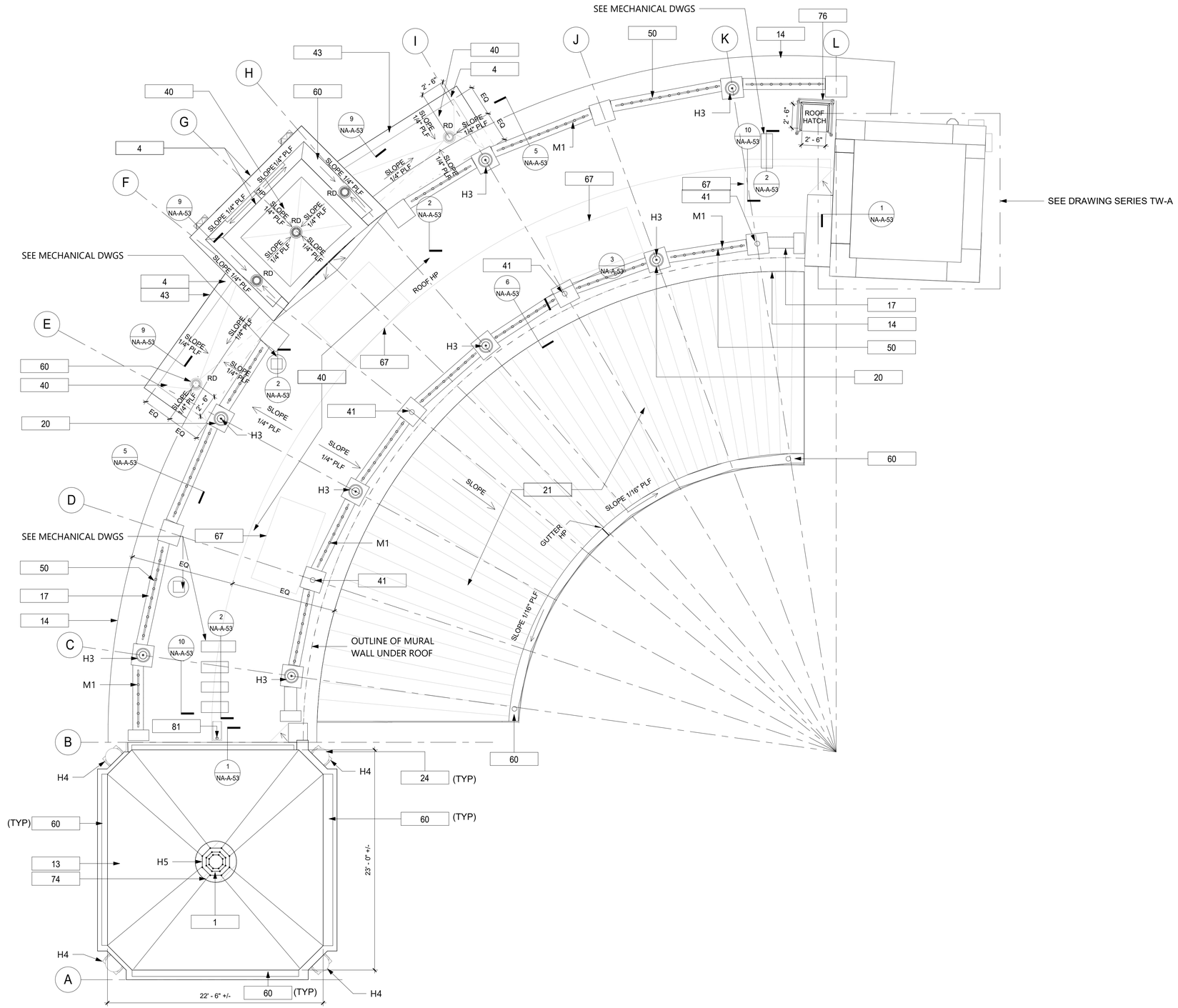
PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
CONSTRUCTION PLANS

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-A-11

DWG NO.: Page 73 of 387
SCALE: As indicated
DATE: 09/16/2020
DPW FILE NUMBER 1-118-A-73 REV. NO. 0



GENERAL NOTES

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3. ALL WORK TO BE PERFORMED IN A WORKMANLIKE FASHION. MATERIALS UTILIZED SHALL BE AS SPECIFIED ON THE DRAWINGS OR IN THE JOB SPECIFICATIONS, OR, IF GENERIC, IN COMPLIANCE WITH ASTM, NEW YORK CODE, OR OTHER GENERALLY ACCEPTED STANDARDS.
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5. ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.
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LEGEND

- R - 2 EXTERIOR RECESSED CAN IN SOFFIT
- R - 2A INTERIOR RECESSED CAN IN SOFFIT
- S - 1 CEILING SUSPENDED FIXTURE
- S - 2 LARGE CEILING SUSPENDED FIXTURE
- H - 3 ACORN HISTORICAL GLASS FIXTURE
- L - 1 LINEAR LIGHT
- L - 3 INTERIOR PENDANT LIGHT
- M - 1 MARQUEE LIGHTING AT BALUSTRADE
- M - 2 MARQUEE LIGHTING
- H - 2 HALF LANTERN FIXTURE
- H - 4 RESTORED TORCHIERE UPLIGHT
- H - 5 RESTORED FINIAL WITH NEW INTERNAL LIGHT
- W - 1 WALL MOUNTED LIGHT FIXTURE
- EX EXIT LIGHT
- SUPPLY DIFFUSER. SEE MECHANICAL DRAWINGS
- EXHAUST GRILL. SEE MECHANICAL DRAWINGS

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
1	REFURBISHED GLASS FINIAL TO MATCH EXISTING ON ADJACENT BUILDING. INSPECT ELECTRICAL SYSTEM AND REPAIR AS REQUIRED TO MEET CODE, COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH. RETROFIT LAMP SYSTEM AS PER SPECIFICATIONS.
4	NEW ALUMINUM COPING. TO MATCH RESTORED ICE CASINO.
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CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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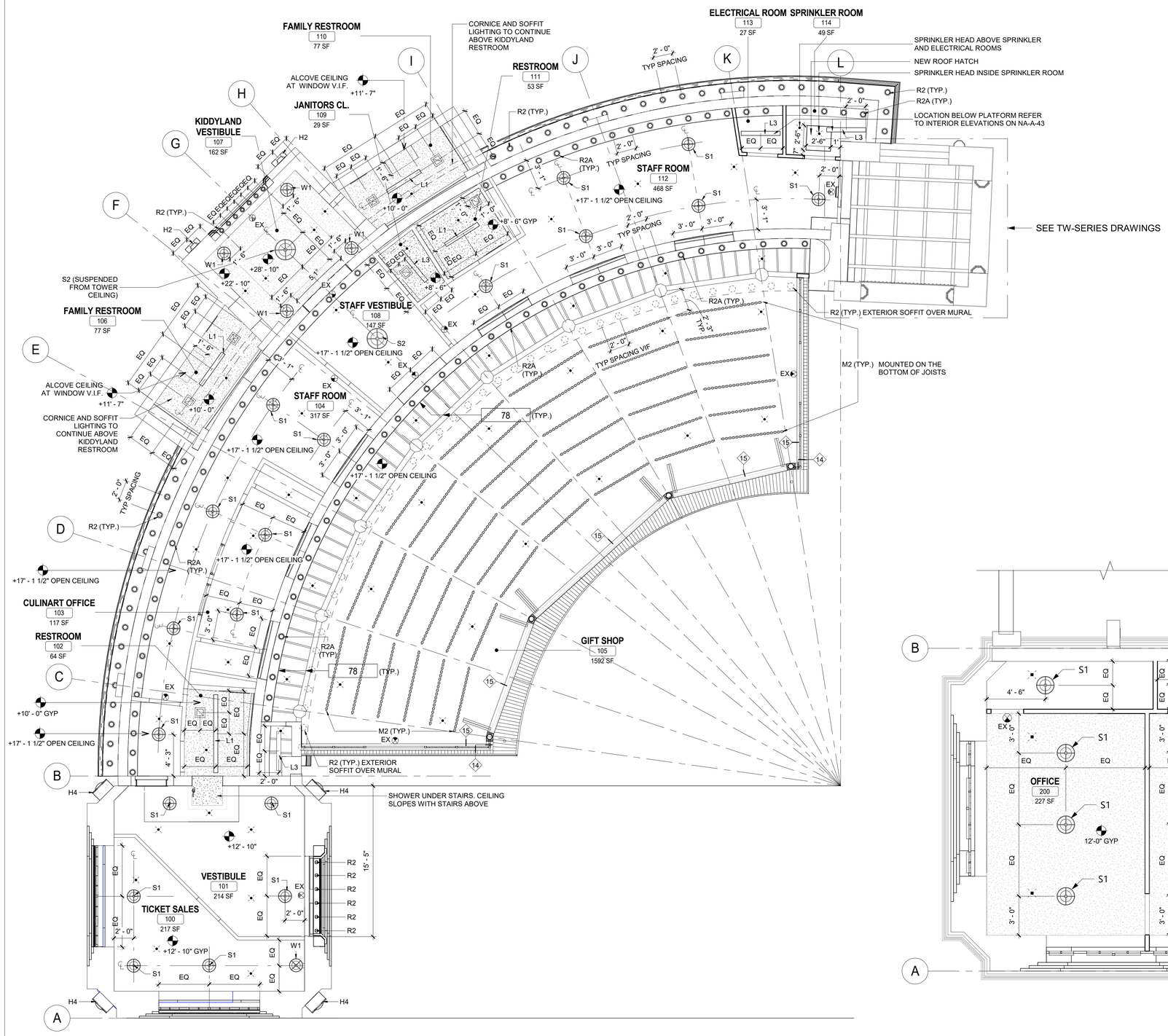
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

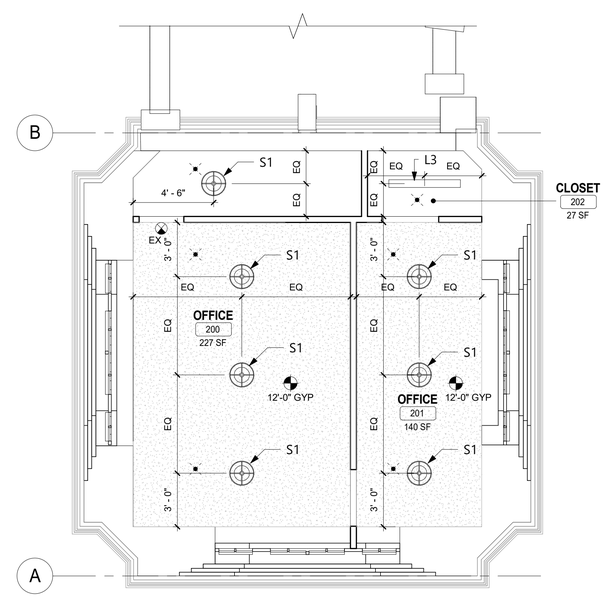
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
N.A. ROOF CONSTRUCTION PLAN

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-A-12

DWG NO.: **Page 74 of 387**
SCALE: **As indicated**
DATE: **09/16/2020**
DPW FILE NUMBER **1-118-A-74** REV. NO. **0**



1 GROUND FLOOR REFLECTED CEILING PLAN
3/16" = 1'-0"



2 2ND FLOOR REFLECTED CEILING PLAN
1/4" = 1'-0"

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10/15/2020 5:31:11 PM

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REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

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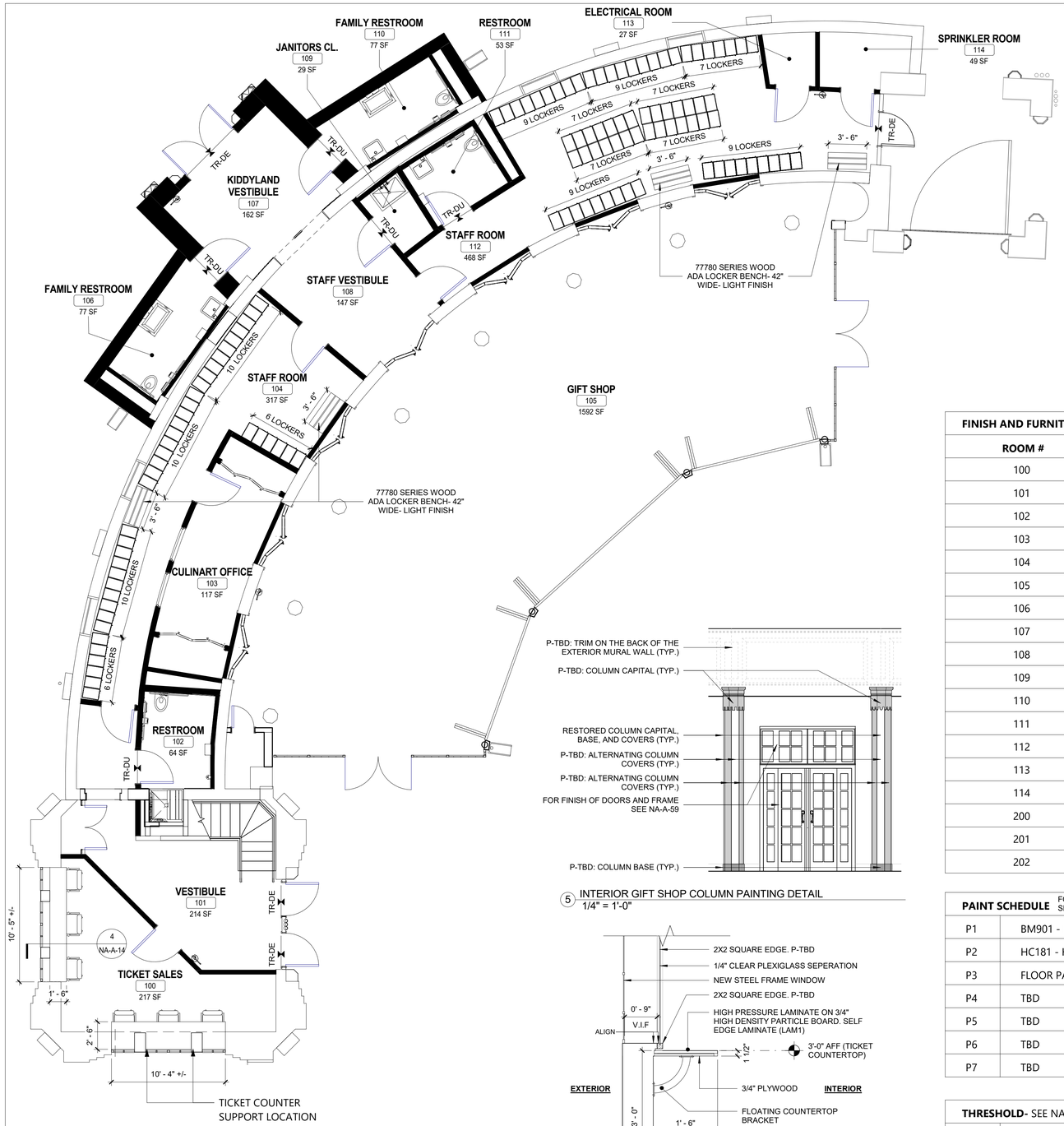
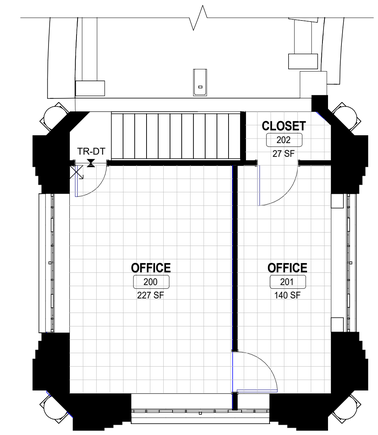
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
REFLECTED CEILING PLANS

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-A-13

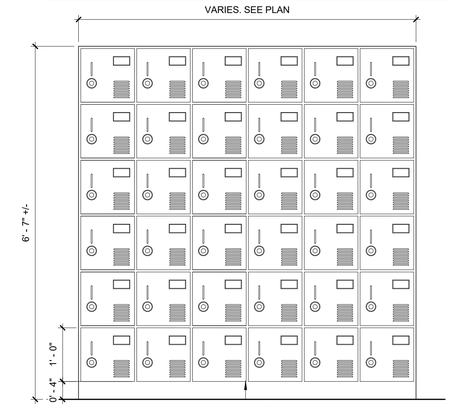
DWG NO.: **Page 75 of 387**
SCALE: **As indicated**
DATE: **09/16/2020**
DPW FILE NUMBER **1-118-A-75** REV. NO. **0**



1 FINISHES PLAN - GROUND FLOOR
3/16" = 1'-0"



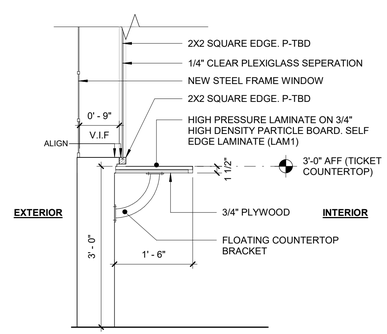
3 FINISHES PLAN - SECOND FLOOR
3/16" = 1'-0"



PROVIDE 12" WIDE SIX-TIER BOX-STYLE STANDARD METAL LOCKERS, 18" DEEP, ON BASE. LOCKERS TO HAVE IDENTIFYING NUMBER PLATE AND CATCH SUITABLE FOR USER-SUPPLIED LOCK. FINISH TBD BY ARCHITECT

2 LOCKERS
3/4" = 1'-0"

5 INTERIOR GIFT SHOP COLUMN PAINTING DETAIL
1/4" = 1'-0"



4 TICKET COUNTER DRAWER SECTION
3/4" = 1'-0"

FINISH AND FURNITURE SCHEDULE

ROOM #	FLOORS	WALLS	CEILING	DOORS AND TRIM	WALL BASE
100	POLISHED CONC.	PAINT TBD	P1	P3	WB2
101	POLISHED CONC.	PAINT TBD	P1	P3	WB2
102	EPOXY	CT1/ CT2	P1	P3	WB1
103	POLISHED CONC.	PAINT TBD	P1	P3	WB2
104	POLISHED CONC.	PAINT TBD	P1	P3	WB2
105	POLISHED CONC.	PAINT TBD	P1	P4	WB2
106	EPOXY	CT1/ CT2	P1	P3	WB1
107	POLISHED CONC.	PAINT TBD	P1	P3	WB2
108	POLISHED CONC.	PAINT TBD	P1	P3	WB2
109	EPOXY	PAINT TBD	P1	P3	WB1
110	EPOXY	CT1/ CT2	P1	P3	WB1
111	EPOXY	CT1/ CT2	P1	P3	WB1
112	POLISHED CONC.	PAINT TBD	P1	P3	WB2
113	POLISHED CONC.	PAINT TBD	P1	P3	WB2
114	POLISHED CONC.	PAINT TBD	P1	P3	WB2
200	ARMSTRONG VCT - CHARCOAL 52161	PAINT TBD	P1	P3	WB2
201	ARMSTRONG VCT - CHARCOAL 52161	PAINT TBD	P1	P3	WB2
202	ARMSTRONG VCT - CHARCOAL 52161	PAINT TBD	P1	P3	WB2

PAINT SCHEDULE	FOR PAINT TYPE AND SYSTEMS, SEE SPECIFICATION
P1	BM901 - MYSTICAL POWERS- **FINISH:** TBD
P2	HC181 - HERITAGE RED- **FINISH:** TBD
P3	FLOOR PAINT **COLOR:** TBD
P4	TBD
P5	TBD
P6	TBD
P7	TBD

THRESHOLD- SEE NA-A-59 FOR DETAILS	
TR-DE	EXTERIOR DOOR SILL
TR-DT	VCT TO CONCRETE DOOR SILL
TR-DU	EPOXY TO CONCRETE DOOR SILL

WALL TILE SCHEDULE	
CT1	3"X6" TILE- **MFR:** TBD- **MODEL:** TBD- **COLOR:** TBD- **INSTALLATION:** RUNNING BOND- **GROUT COLOR:** TBD
CT2	1"X6" TILE- **MFR:** TBD- **MODEL:** TBD- **COLOR:** TBD- **INSTALLATION:** RUNNING BOND- **GROUT COLOR:** TBD
CT3	TBD

VCT SCHEDULE	
VCT1	12"X12" **MFR:** ARMSTRONG- **MODEL:** CHARCOAL 52161

HIGH PRESSURE LAMINATE SCHEDULE	
LAM1	TBD

WALL BASE SCHEDULE	
WB1	EPOXY COVE BASE - **MFR:** DURAFLEX - **MODEL:** MACRO CHIP COLOR BLEND- **COLOR:** PEWTER
WB2	4" RUBBER COVE BASE- **MFR:** TBD- **MODEL:** TBD- **COLOR:** TBD

FINISHES SCHEDULE

NOTE: ALL FINISHES TO BE APPROVED BY ARCHITECT

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CONSULTANT INFORMATION
The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
AS BUILT – CHANGES AS NOTED
AS BUILT – NO CHANGES

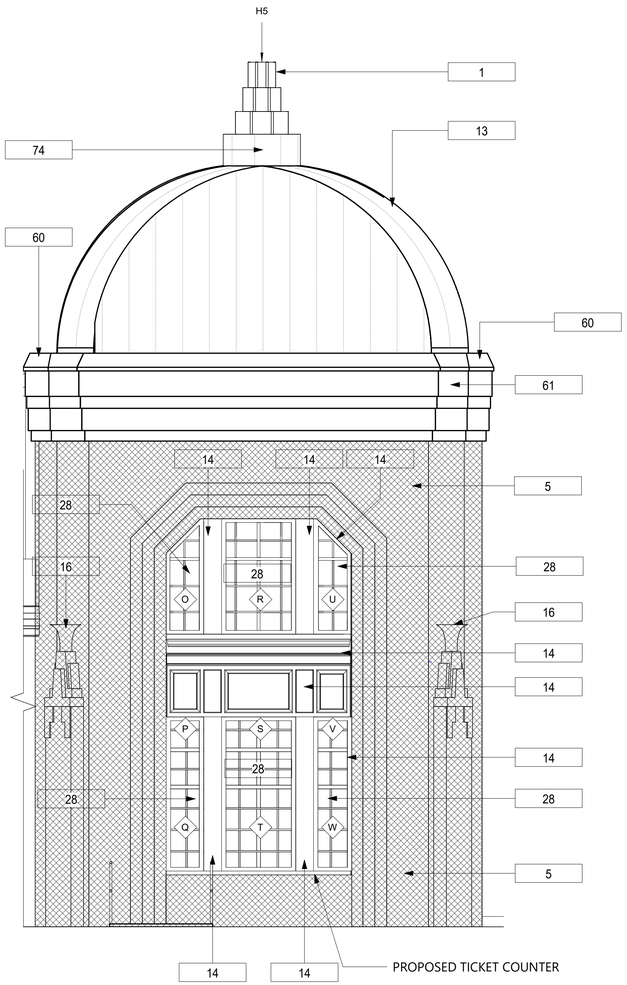
CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

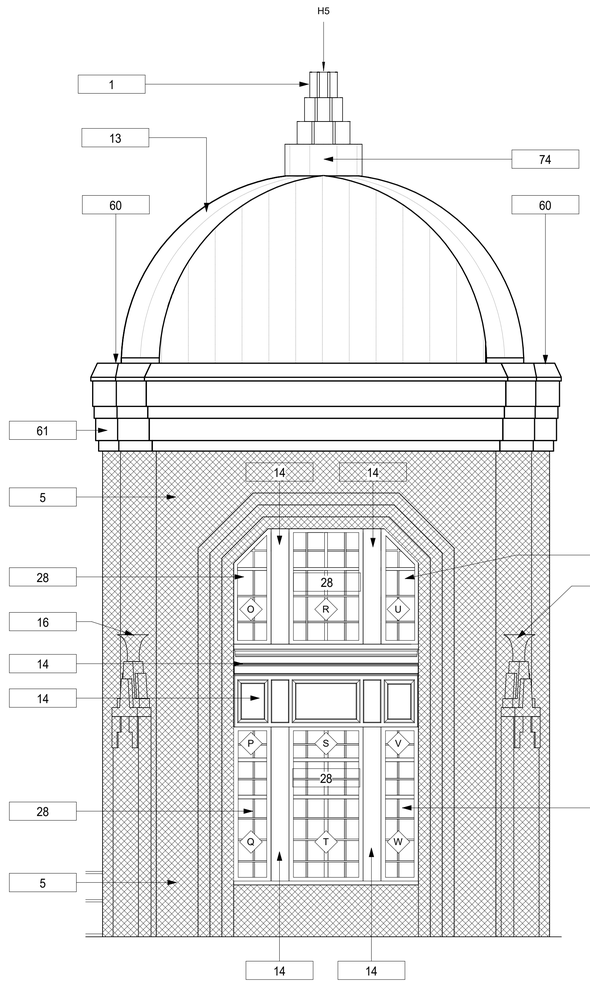
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
FINISHES - GROUND FLOOR PLAN

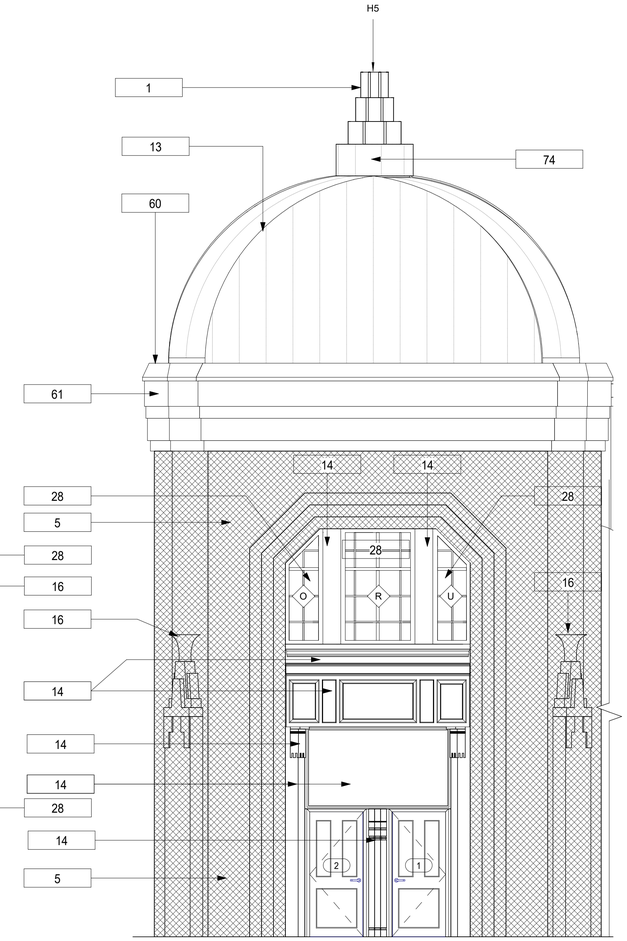
CONTRACT NUMBER **20-501**
SHEET NUMBER **NA-A-14**
DWG NO.: **Page 76 of 387**
SCALE: **As indicated**
DATE: **09/16/2020**
DPW FILE NUMBER **1-118-A-76**
REV. NO. 0



1 Elevation 1 - a1
1/4" = 1'-0"



2 Elevation 2 - a1
1/4" = 1'-0"



3 Elevation 3 - a1
1/4" = 1'-0"

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CONSTRUCTION LEGEND

INDICATES NEW STUCCO & PAINT

? KEYNOTES

1i WINDOW TAG

1i DOOR TAG

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
1	REFURBISHED GLASS FINIAL TO MATCH EXISTING ON ADJACENT BUILDING. INSPECT ELECTRICAL SYSTEM AND REPAIR AS REQUIRED TO MEET CODE, COORDINATE WIRING WITH INTERIOR EXISTING WIRING AND SWITCH. RETROFIT LAMP SYSTEM AS PER SPECIFICATIONS.
4	NEW ALUMINUM COPING. TO MATCH RESTORED ICE CASINO.
5	COAT ENTIRE STUCCO FACADE WITH NEW FINISH COATING AND TWO COATS OF FINISH PAINT.
6	NEW WINDOW SET IN EXISTING OPENING. REFER TO FLOOR PLAN FOR LOCATION AND WINDOW SCHEDULE FOR ADDITIONAL INFO. CONTRACTOR TO V.I.F. ALL DIMENSIONS PRIOR TO ORDERING (TYP.)
7	REPAIR ALL CRACKS, HOLES AND/OR DAMAGE IN STUCCO PRIOR TO APPLYING ANY AND ALL COATINGS.
8	NEW DOOR SET IN EXISTING OPENING. REFER TO DOOR SCHEDULE FOR ADDITIONAL INFO. CONTRACTOR TO V.I.F. ALL DIMENSIONS PRIOR TO ORDERING NEW DOORS. (TYPICAL AT ALL EXTERIOR LOCATIONS.)
13	NEW ALUMINUM STANDING SEAM ROOF, COPING, BUILT IN GUTTER, AND FLASHING. (TO MATCH RESTORED ICE CASINO)
14	EXTERIOR WOOD TRIM TO BE RESTORED/REFURBISHED AS REQUIRED THROUGHOUT (TYP.)
16	ALL TORCHIERE TO BE RESTORED AND RETRO-FITTED TO ACCEPT LIGHTING FIXTURE. SEE ELECTRICAL DRAWINGS.
17	ROOF BALUSTRADES TO BE RE-BUILT TO HISTORIC APPEARANCE.
18	HISTORIC GRILLE TO BE RECREATED.
20	NEW LANTERNS. SEE ELECTRICAL PLANS.
21	NEW ALUMINUM STANDING SEAM ROOF AT NEW GIFT SHOP AND SIDES OF NEW GIFT SHOP.
22	NEW GLASS STOREFRONT.
24	ALL TORCHIERES TO BE RESTORED WITH NEW LIGHTING. SEE ELECTRICAL DRAWINGS.
28	STEEL WINDOWS TO BE REPLACED TO MATCH HISTORIC. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT). REINSTALL RESTORED WINDOW TRIM.
40	NEW ROOFING SYSTEM. COLD APPLIED 3PLY SBS MODIFIED BITUMINOUS ROOFING WITH MIN. 2% POSITIVE DRAINAGE TO NEW ROOF DRAINS.
41	PROVIDE AND INSTALL NEW FLAGPOLES TO MATCH EXISTING. SEE SHEET NA-A-56.
42	NEW WINDOW. SEE WINDOW SCHEDULE.
43	NEW BUILD-OUT FOR KIDDIE-LAND RESTROOMS. SEE CONSTRUCTION PLANS.
50	INSTALL NEW BALUSTRADE LIGHT. SEE E-DWGS
54	POLISHED CONCRETE THROUGHOUT
56	REPAIR STUCCO TO MATCH EXISTING IN TEXTURE AND FINISH.
57	POLISHED CONCRETE TOPPING SLAB
58	CONSTRUCT MURAL PANELS. HIGH- RESOLUTION JPG IMAGE FILES WILL BE PROVIDED FOR PRINTING BY THE CONTRACTOR.
59	EXTERIOR WOOD TRIM TO BE RESTORED/ REFURBISHED AS REQUIRED THROUGHOUT (TYP.) APPLY TWO COATS OF FINISH PAINT.
60	NEW ALUMINUM BUILT-IN GUTTER AND FLASHING. (TO MATCH RESTORED ICE CASINO)
61	REINSTALL RESTORED/ REPLICATED CAST STONE.
62	PROVIDE AND INSTALL NEW DRIP EDGE.
65	BUILT-IN CAST STONE BRACKET.
67	NEW 3"X8" TIMBER ROOF JOIST AND ROOF SHEATHING (TYP.). SEE STRUCTRAL DRAWINGS.
69	REINSTALL REPAIRED/ REPLICATED BI-FOLD DOORS AND TRANSOMS.
70	REINSTALL RESTORED EXISTING COLUMN CAPITAL, BASE, AND COVERS. REPAINT AS INDICATED. IF ANY COMPONENT IS MISSING NOTIFY ARCHITECT.
71	PROVIDE AND INSTALL NEW ALUMINUM BUILT IN GUTTER WITH DOWNSPOUT AND SPLASHBLOCK.
73	INSTALL NEW HOLLOW STRUCTURAL SECTION COLUMN. SEE STRUCTRAL DRAWINGS. INSTALL NEW COLUMN ENCLOSURE.
74	INSTALL REPLICATED STONE BASE.
75	PROVIDE AND INSTALL NEW FLOORING. SEE FINISH SCHEDULE NA-A-14.
76	PROVIDE AND INSTALL NEW ROOF HATCH WITH SAFETY RAILING.
78	RESTORED EXISTING TRIM, FRAME, PANELS, AND CASEWORK. NEW PAINTED FINISH.
79	INFILL OPENING WITH NEW MASONRY TO MATCH ADJACENT AND PAINT FINISH AS INDICATED.
80	INSTALL RESTORED WOOD COLUMNS, TRIM, PANELS, AND CASEWORK.
81	INSTALL NEW GUTTER OUTLET, CONDUCTOR, AND DOWNSPOUT. FINISH AS INDICATED.
82	CONSTRUCT PT LUMBER ADA ACCESS RAMP AND PLATFORM. SURFACE MOUNTED ADA ROUND ALUMINUM HANDRAILS. FINISH AS INDICATED.

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CONSULTANT INFORMATION
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CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

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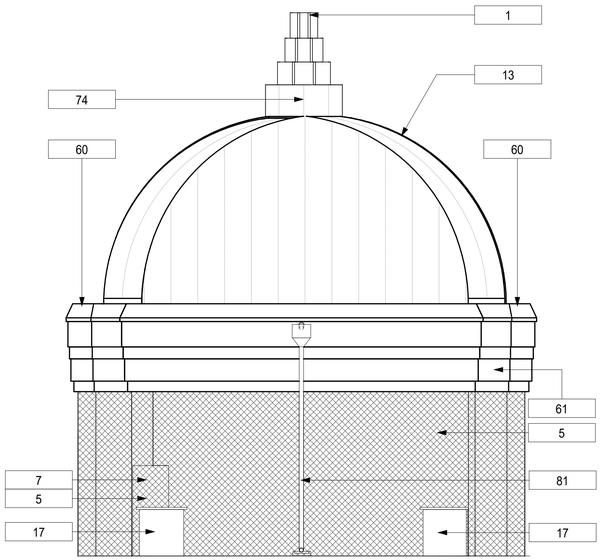
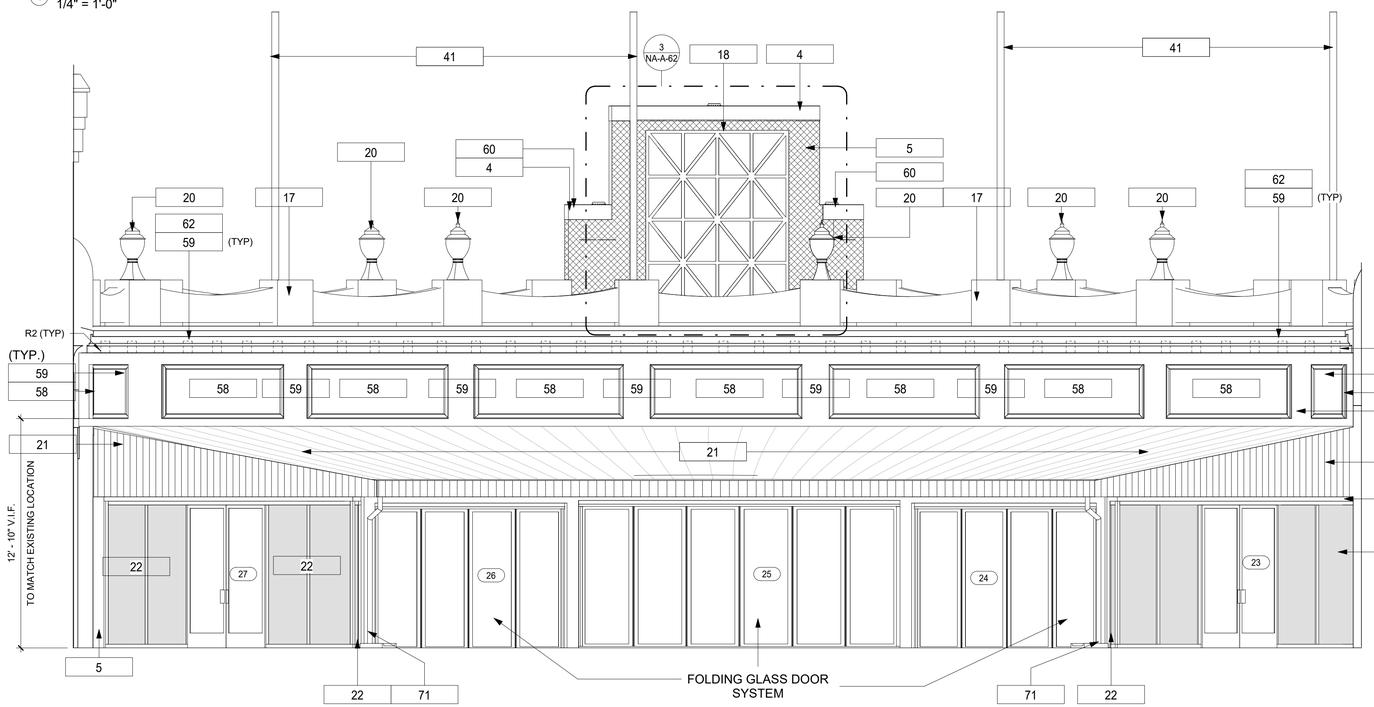
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
N.A. EXTERIOR ELEVATIONS

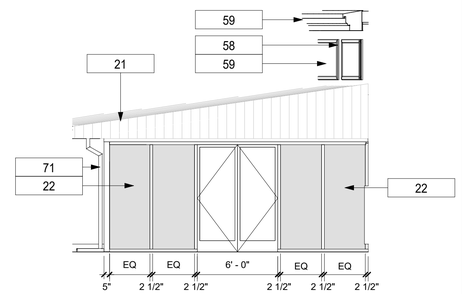
CONTRACT NUMBER	20-501
SHEET NUMBER	NA-A-21
DWG NO.:	Page 77 of 387
SCALE:	1/4" = 1'-0"
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-77
REV. NO.	0



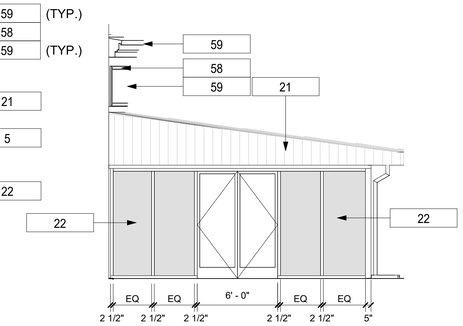
1 Elevation 25 - a
1/4" = 1'-0"



2 PROPOSED EXTERIOR GIFT SHOP ELEVATION- SOUTH
1/4" = 1'-0"



4 PROPOSED EXTERIOR GIFT SHOP ELEVATION- EAST
3/16" = 1'-0"



3 PROPOSED EXTERIOR GIFT SHOP ELEVATION- SOUTH WEST
3/16" = 1'-0"

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CONSTRUCTION LEGEND

	INDICATES NEW STUCCO & PAINT
?	KEYNOTES
1i	WINDOW TAG
1i	DOOR TAG

KEYNOTE LEGEND CONST.

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10/15/2020 5:31:20 PM

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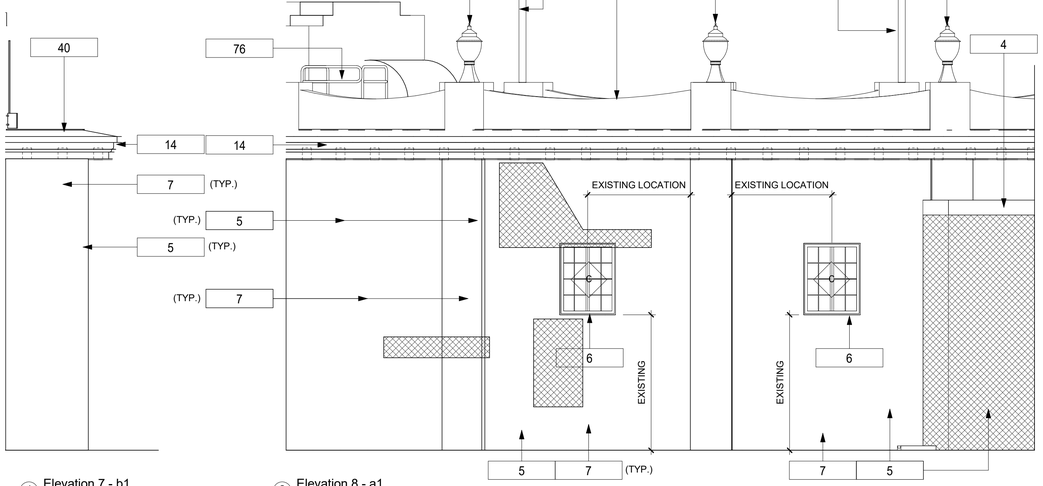
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

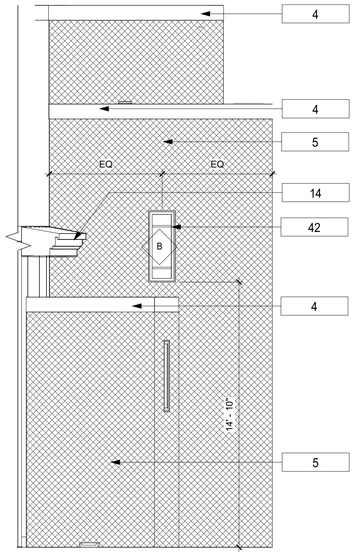
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
N.A. EXTERIOR ELEVATIONS

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-A-22

DWG NO.: Page 78 of 387
SCALE: As indicated
DATE: 09/16/2020
DPW FILE NUMBER 1-118-A-78 REV. NO. 0



1 Elevation 7 - b1
1/4" = 1'-0"



3 Elevation 24 - a
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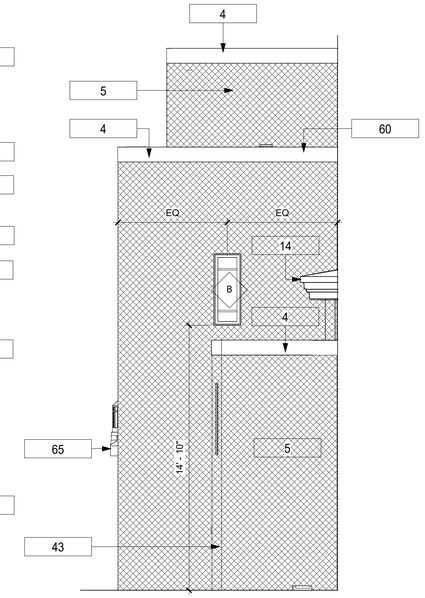

5 Elevation 11 - a1
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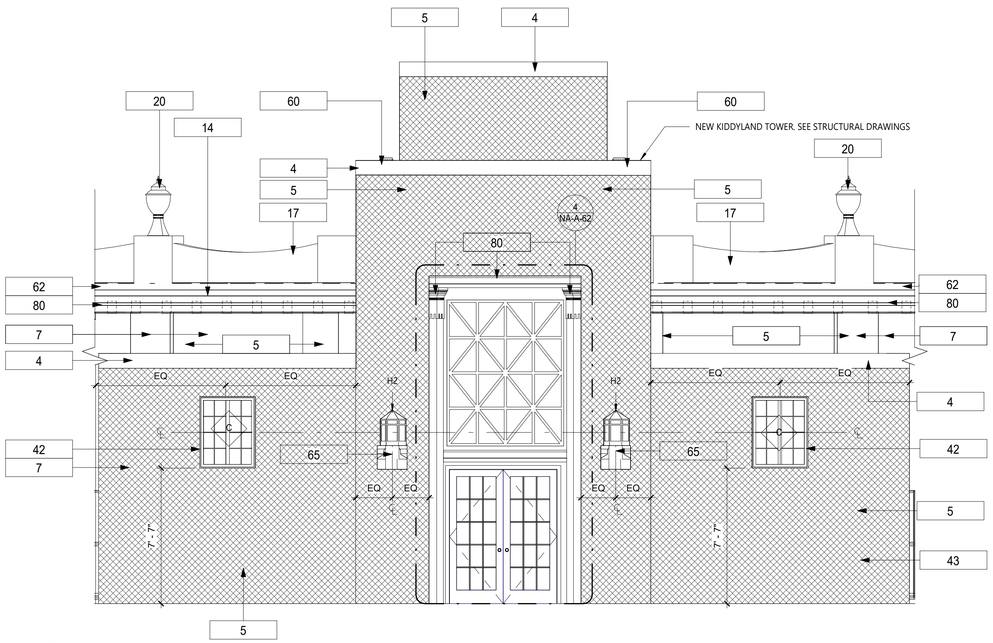

4 Elevation 10 - a1
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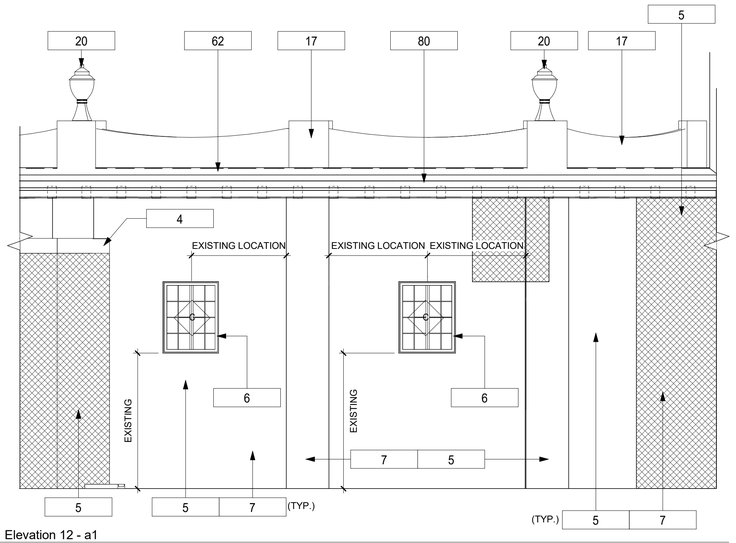

6 Elevation 12 - a1
1/4" = 1'-0"

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CONSTRUCTION LEGEND

INDICATES NEW STUCCO & PAINT

? KEYNOTES

1i WINDOW TAG

1i DOOR TAG

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
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7	REPAIR ALL CRACKS, HOLES AND/OR DAMAGE IN STUCCO PRIOR TO APPLYING ANY AND ALL COATINGS.
8	NEW DOOR SET IN EXISTING OPENING. REFER TO DOOR SCHEDULE FOR ADDITIONAL INFO. CONTRACTOR TO V.I.F. ALL DIMENSIONS PRIOR TO ORDERING NEW DOORS. (TYPICAL AT ALL EXTERIOR LOCATIONS.)
13	NEW ALUMINUM STANDING SEAM ROOF, COPING, BUILT IN GUTTER, AND FLASHING. (TO MATCH RESTORED ICE CASINO)
14	EXTERIOR WOOD TRIM TO BE RESTORED/REFURBISHED AS REQUIRED THROUGHOUT (TYP.)
16	ALL TORCHIERE TO BE RESTORED AND RETRO-FITTED TO ACCEPT LIGHTING FIXTURE. SEE ELECTRICAL DRAWINGS.
17	ROOF BALUSTRADES TO BE RE-BUILT TO HISTORIC APPEARANCE.
18	HISTORIC GRILLE TO BE RECREATED.
20	NEW LANTERNS. SEE ELECTRICAL PLANS.
21	NEW ALUMINUM STANDING SEAM ROOF AT NEW GIFT SHOP AND SIDES OF NEW GIFT SHOP.
22	NEW GLASS STOREFRONT.
24	ALL TORCHIERES TO BE RESTORED WITH NEW LIGHTING. SEE ELECTRICAL DRAWINGS.
28	STEEL WINDOWS TO BE REPLACED TO MATCH HISTORIC. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT). REINSTALL RESTORED WINDOW TRIM.
40	NEW ROOFING SYSTEM. COLD APPLIED 3PLY SBS MODIFIED BITUMINOUS ROOFING WITH MIN. 2% POSITIVE DRAINAGE TO NEW ROOF DRAINS.
41	PROVIDE AND INSTALL NEW FLAGPOLES TO MATCH EXISTING. SEE SHEET NA-A-56.
42	NEW WINDOW. SEE WINDOW SCHEDULE.
43	NEW BUILD-OUT FOR KIDDIE-LAND RESTROOMS. SEE CONSTRUCTION PLANS.
50	INSTALL NEW BALUSTRADE LIGHT. SEE E-DWGS
54	POLISHED CONCRETE THROUGHOUT
56	REPAIR STUCCO TO MATCH EXISTING IN TEXTURE AND FINISH.
57	POLISHED CONCRETE TOPPING SLAB
58	CONSTRUCT MURAL PANELS. HIGH- RESOLUTION JPG IMAGE FILES WILL BE PROVIDED FOR PRINTING BY THE CONTRACTOR.
59	EXTERIOR WOOD TRIM TO BE RESTORED/ REFURBISHED AS REQUIRED THROUGHOUT (TYP.) APPLY TWO COATS OF FINISH PAINT.
60	NEW ALUMINUM BUILT-IN GUTTER AND FLASHING. (TO MATCH RESTORED ICE CASINO)
61	REINSTALL RESTORED/ REPLICATED CAST STONE.
62	PROVIDE AND INSTALL NEW DRIP EDGE.
65	BUILT-IN CAST STONE BRACKET.
67	NEW 3"X8" TIMBER ROOF JOIST AND ROOF SHEATHING (TYP.). SEE STRUCTRAL DRAWINGS.
69	REINSTALL REPAIRED/ REPLICATED BI-FOLD DOORS AND TRANSOMS.
70	REINSTALL RESTORED EXISTING COLUMN CAPITAL, BASE, AND COVERS. REPAINT AS INDICATED. IF ANY COMPONENT IS MISSING NOTIFY ARCHITECT.
71	PROVIDE AND INSTALL NEW ALUMINUM BUILT IN GUTTER WITH DOWNSPOUT AND SPLASHBLOCK.
73	INSTALL NEW HOLLOW STRUCTURAL SECTION COLUMN. SEE STRUCTRAL DRAWINGS. INSTALL NEW COLUMN ENCLOSURE.
74	INSTALL REPLICATED STONE BASE.
75	PROVIDE AND INSTALL NEW FLOORING. SEE FINISH SCHEDULE NA-A-14.
76	PROVIDE AND INSTALL NEW ROOF HATCH WITH SAFETY RAILING.
78	RESTORED EXISTING TRIM, FRAME, PANELS, AND CASEWORK. NEW PAINTED FINISH.
79	INFILL OPENING WITH NEW MASONRY TO MATCH ADJACENT AND PAINT FINISH AS INDICATED.
80	INSTALL RESTORED WOOD COLUMNS, TRIM, PANELS, AND CASEWORK.
81	INSTALL NEW GUTTER OUTLET, CONDUCTOR, AND DOWNSPOUT. FINISH AS INDICATED.
82	CONSTRUCT PT LUMBER ADA ACCESS RAMP AND PLATFORM. SURFACE MOUNTED ADA ROUND ALUMINUM HANDRAILS. FINISH AS INDICATED.

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CONSULTANT INFORMATION

The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

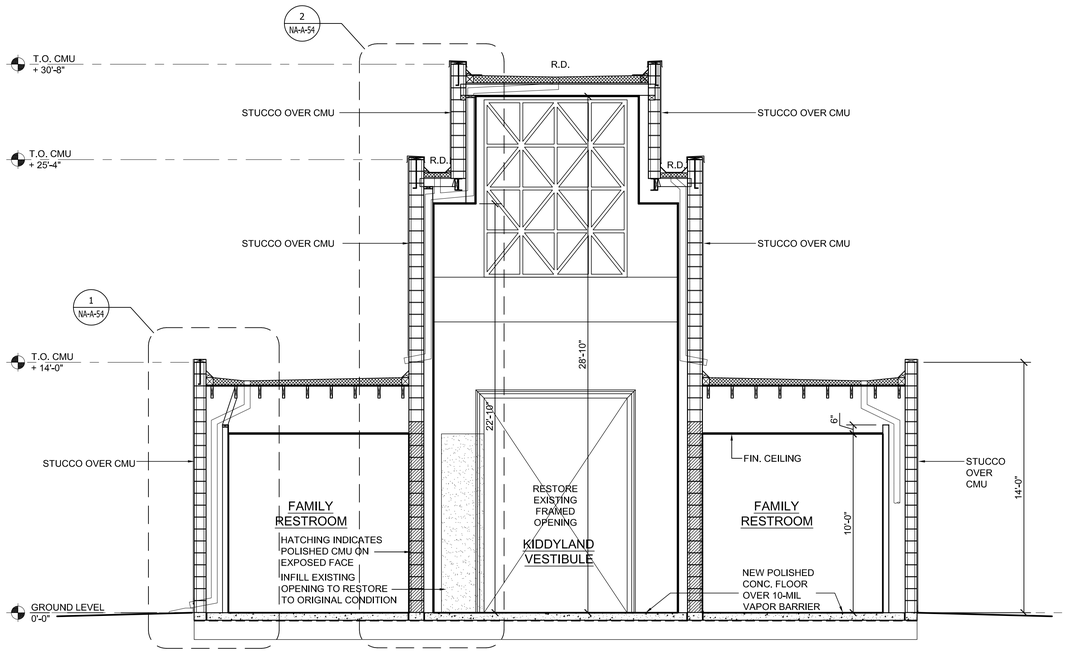
PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
N.A. EXTERIOR ELEVATIONS

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-A-23

DWG NO.: Page 79 of 387
SCALE: 1/4" = 1'-0"
DATE: 09/16/2020
DPW FILE NUMBER 1-118-A-79 REV. NO. 0



1 SECTION THRU REAR ADDITION
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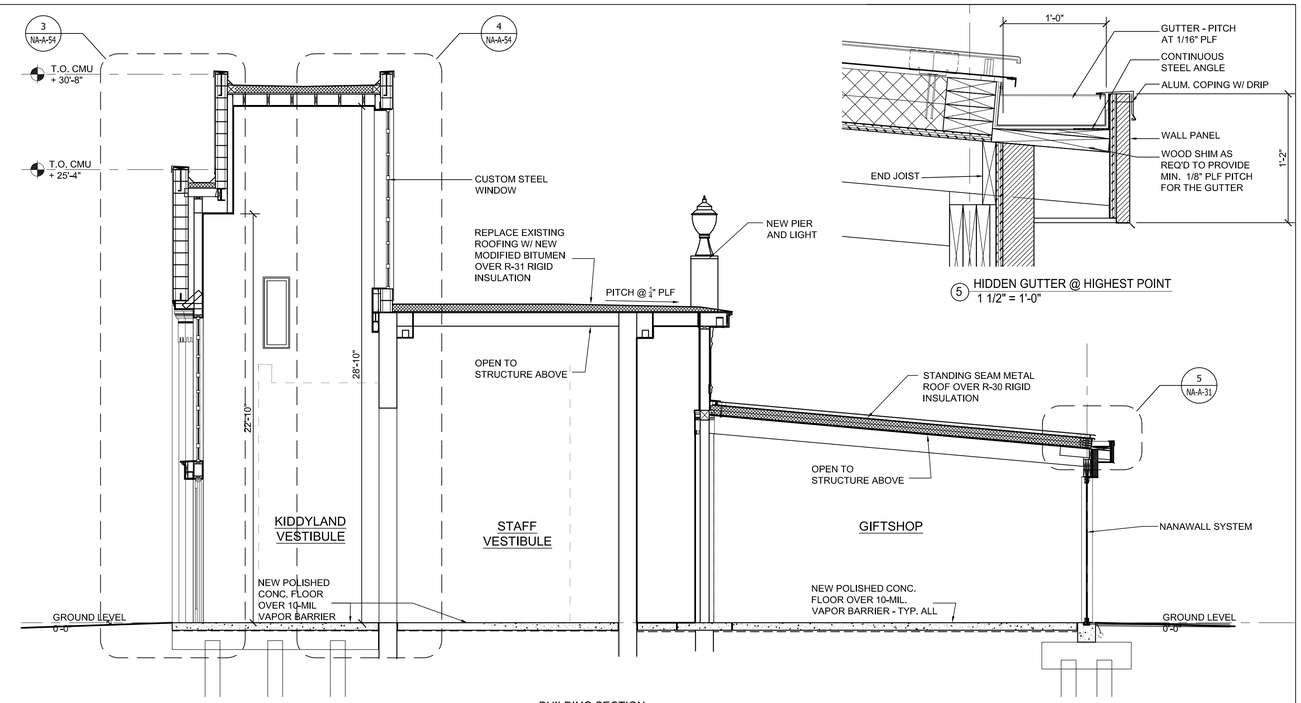
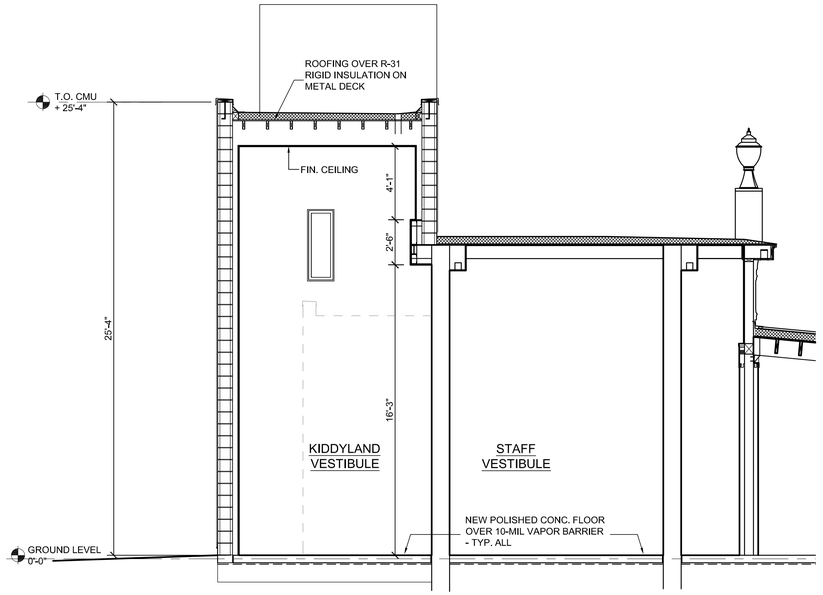


5 HIDDEN GUTTER @ HIGHEST POINT
1 1/2" = 1'-0"

2 BUILDING SECTION
1/4" = 1'-0"



3 SECTION THRU KIDDYLAND VESTIBULE
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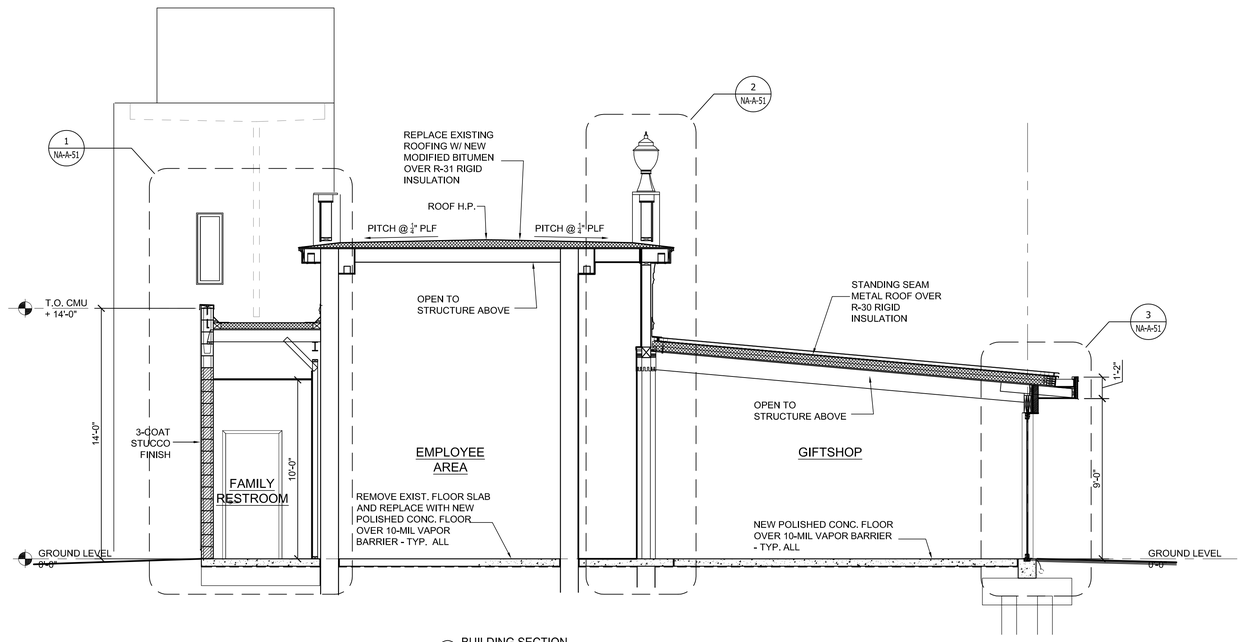

4 BUILDING SECTION
1/4" = 1'-0"

CONSULTANT INFORMATION

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REGISTERED ARCHITECT
JOSEPH R. GRANT
No. 031041
STATE OF NEW YORK

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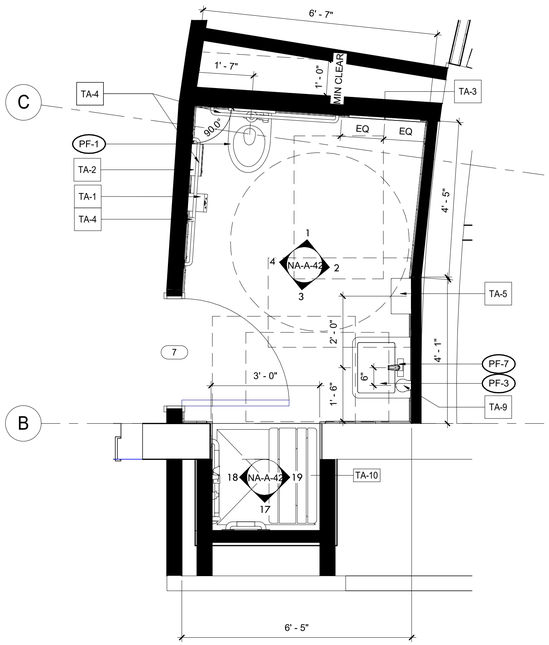
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, NEW YORK
NORTH ADMINISTRATION BUILDING
BUILDING SECTIONS

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-A-31
DWG NO.:	Page 80 of 387
SCALE:	As Indicated
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-80
REV. NO.	0



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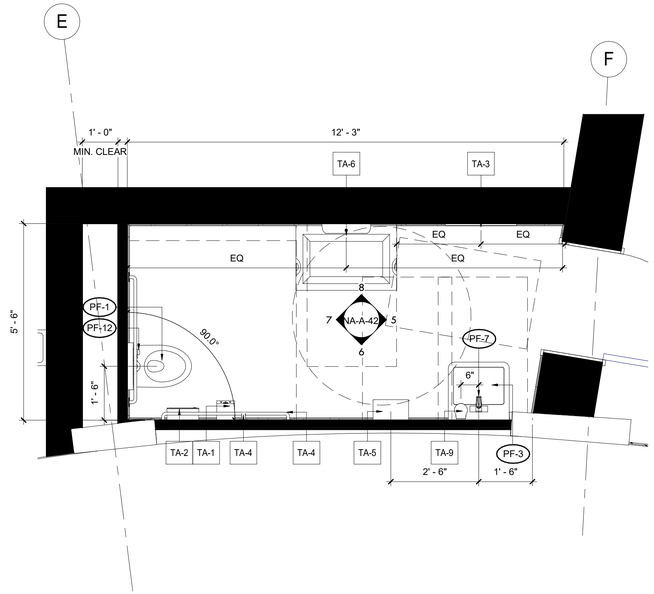
1/2" = 1'-0"



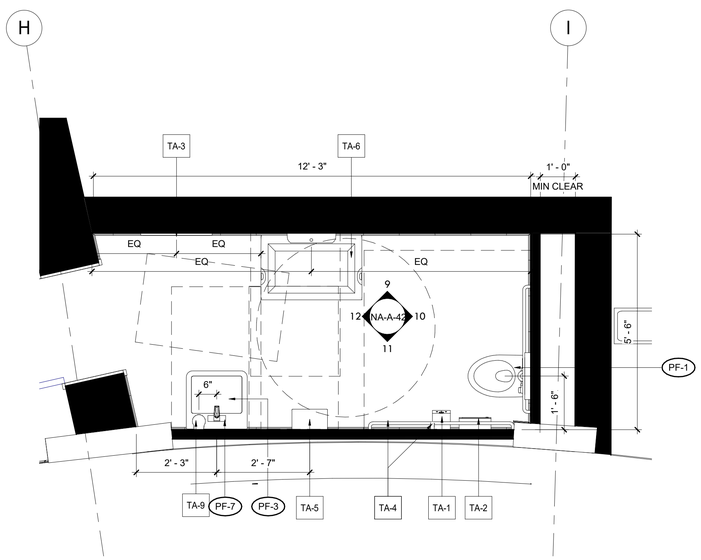
2 RESTROOM - 106
1/2" = 1'-0"

PLUMBING FIXTURE SCHEDULE - "PF"

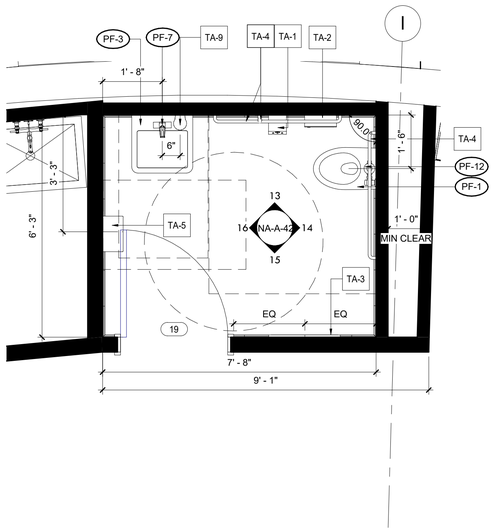
TAG	DESCRIPTION	MANUFACTURER	MODEL	REMARKS
PF-1	WALL MOUNTED WATER CLOSET	SLOAN	ST-2459	
PF-3	WALL MOUNTED LAVATORY	DURAVIT	2350500030	
PF-5	SERVICE SINK	ACORN - TERRAZZO WARE	TSH-24-KFC	
PF-6	DRINKING FOUNTAIN - BI-LEVEL	ELKAY	LK4409BF	
PF-7	LAVATORY FAUCET	AMERICAN STANDARD	702B.103	BATTERY OPERATED
PF-9	SHOWER	AMERICAN STANDARD	1662607.002	
PF-10	SHOWER PAN	STERN WILLIAMS	54-HC	
PF-11	MIXING VALVE	AMERICAN STANDARD	TU105500.002	
PF-12	FLUSHOMETER - LAVATORY	SLOAN	111 SFSM - 1.28	BATTERY OPERATED
PF-14	SERVICE SINK FAUCET	AMERICAN STANDARD	8344.212	

TOILET ACCESSORIES SCHEDULE - "TA"

TAG	DESCRIPTION	MANUFACTURER	MODEL
TA-1	TOILET TISSUE DISPENSER	BOBRICK INC.	B-2888
TA-2	SANITARY NAPKIN DISPOSAL	BOBRICK INC.	B-254
TA-3	FRAMED MIRROR	BOBRICK INC.	B-290 2460
TA-4	ADA GRAB BARS - MULTIPLE LENGTHS	BRADLEY CORP.	8170-001240
TA-5	SENSOR OPERATED HAND DRYER	XLERATOR	XL-W
TA-6	BABY CHANGING STATION	MEDICLINICS	CP0016H
TA-7	4 POLE MOP HOLDER	EAGLE GROUP	321561
TA-8	SEAT COVER DISPENSER	BOBRICK INC.	B-221
TA-9	AUTOMATIC SOAP DISPENSER	BRADLEY CORPORATION	6A00
TA-10	ADA FOLDING SHOWER SEAT	GBS	PHENOLIC 32"X16"
TA-11	SHOWER CURTAIN ROD	TBD	TBD
TA-12	SHOWER CURTAIN HOOK	TBD	TBD
TA-13	VINYL SHOWER CURTAIN	TBD	TBD



3 FAMILY RESTROOM - 111
1/2" = 1'-0"



4 FAMILY RESTROOM - 110
1/2" = 1'-0"

10/15/2020 5:31:27 PM

CONSULTANT INFORMATION

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3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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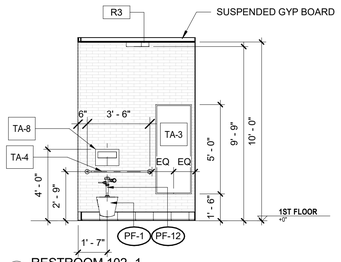
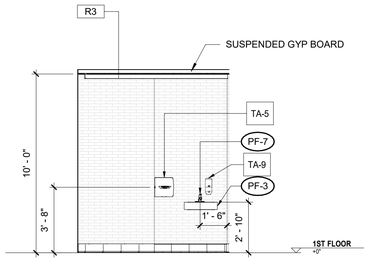
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
ENLARGED RESTROOM PLANS

CONTRACT NUMBER **20-501**
SHEET NUMBER **NA-A-41**
DWG NO.: **Page 81 of 387**
SCALE: **1/2" = 1'-0"**
DATE: **09/16/2020**
DPW FILE NUMBER **1-118-A-81**
REV. NO. 0



1 RESTROOM 102- 1
1/4" = 1'-0"



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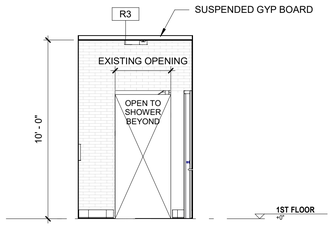

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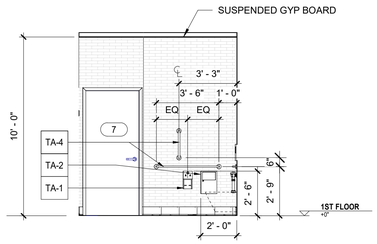

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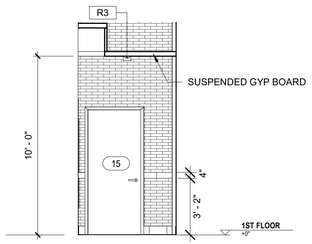
1/4" = 1'-0"



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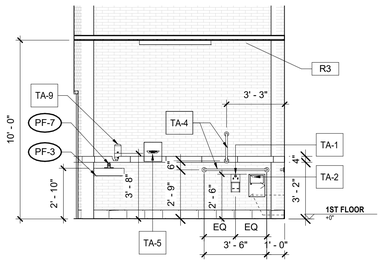

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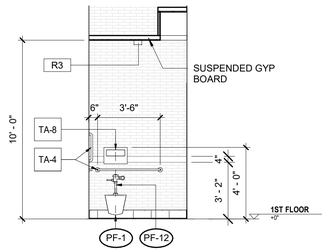

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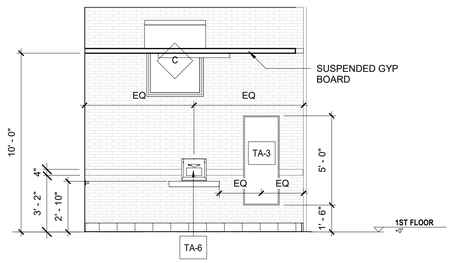

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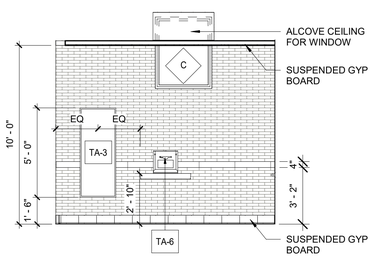

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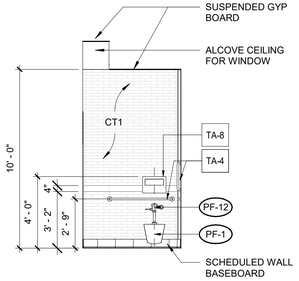

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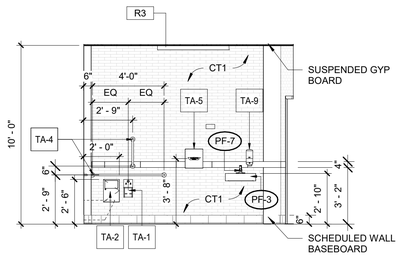

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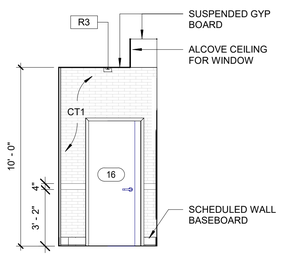

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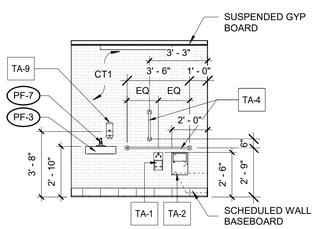

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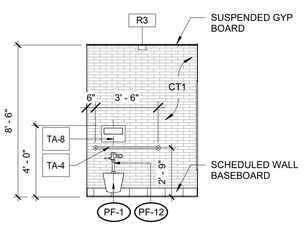

14 FAMILY RESTROOM 110- 14
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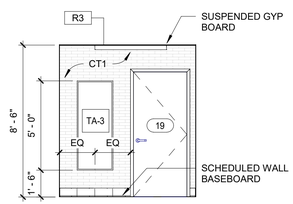

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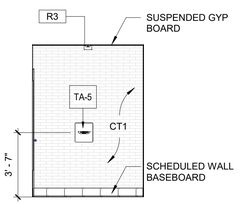

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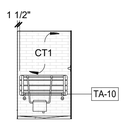

19 RESTROOM 102- SHOWER B
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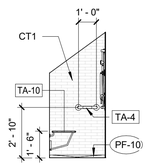

17 RESTROOM 102- SHOWER C
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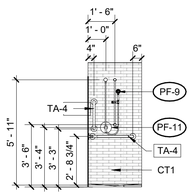

18 RESTROOM 102- SHOWER D
1/4" = 1'-0"

NOTES:

1. SEE SHEET T-03 FOR ALL ADA STANDARDS.
2. SEE SHEET NA-A-14 FOR ALL FINISHES.
3. SEE SHEET NA-A-41 FOR ALL RESTROOM SCHEDULED ITEMS.
4. SEE SHEET NA-A-13 FOR ALL LIGHTING SCHEDULED ITEMS
5. SEE SHEET NA-A-55 FOR CEILING DETAILS.

LEGEND

1i	WINDOW TAG
101	DOOR TAG
1i	WALL TAG
PF#	PLUMBING FIXTURE
TA#	TOILET ACCESSORIES

10/15/2020 5:31:32 PM

CONSULTANT INFORMATION

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(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT NO. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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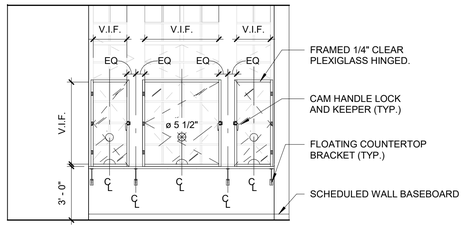
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
RESTROOM ELEVATIONS

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-A-42
DWG NO.:	Page 82 of 387
SCALE:	1/4" = 1'-0"
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-82
REV. NO.	0



1 TICKET SALES- 1
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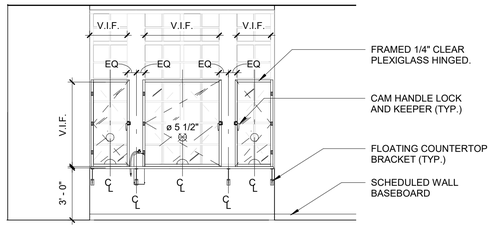
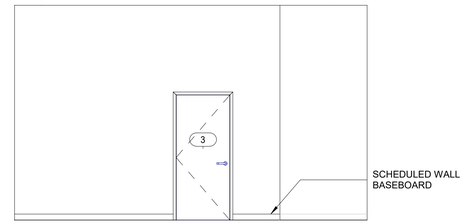
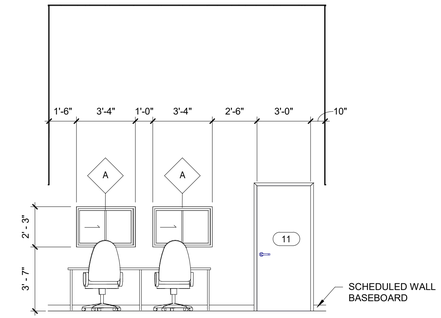


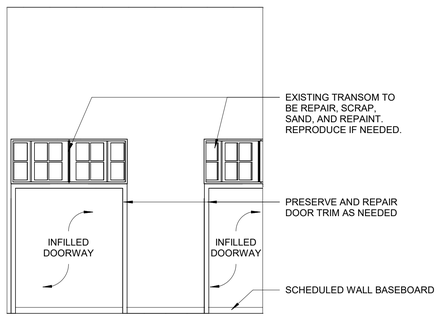
2 TICKET SALES- 2
1/4" = 1'-0"



4 TICKET SALES- 4
1/4" = 1'-0"



5 CULINART OFFICE- 5
1/4" = 1'-0"



8 CULINART OFFICE- 8
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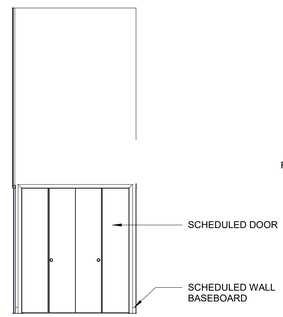
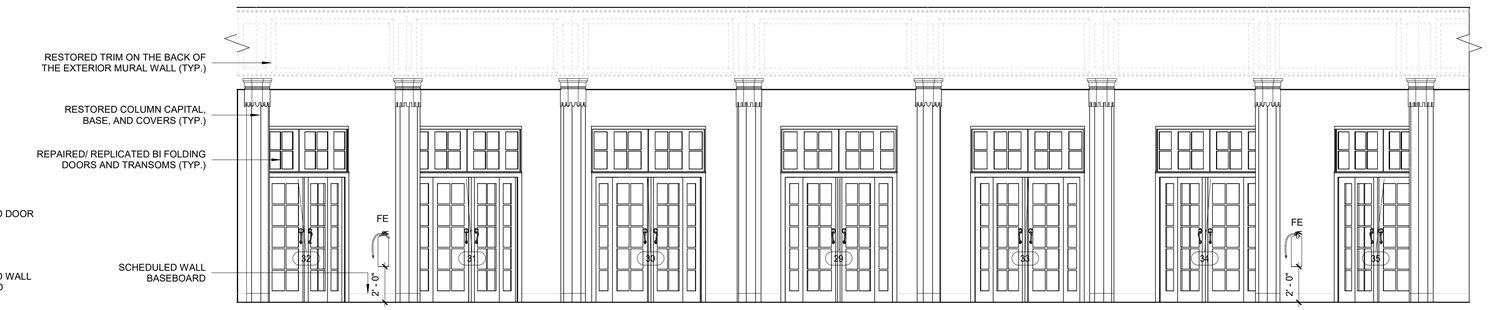
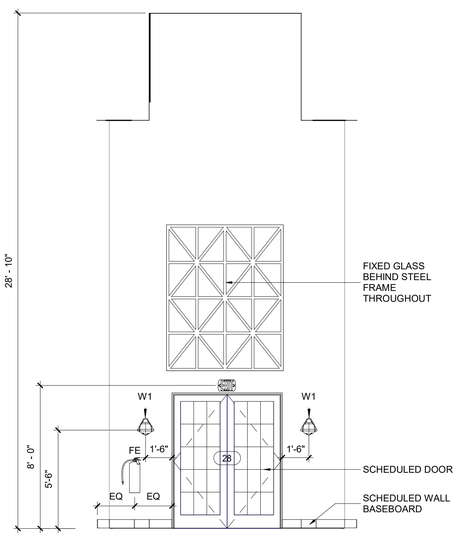


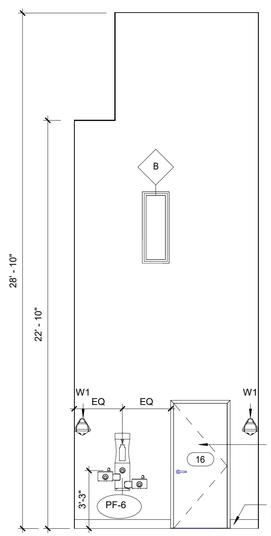
9 CULINART OFFICE- 9
1/4" = 1'-0"



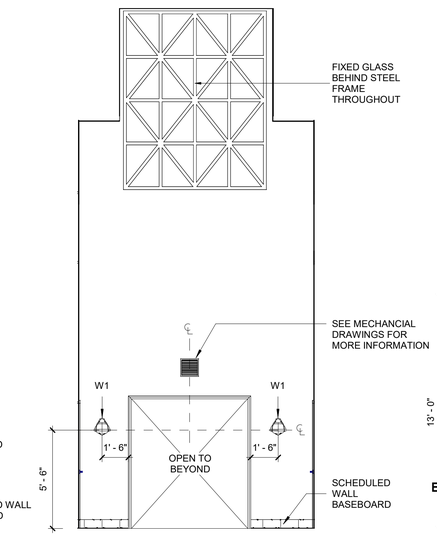
13 GIFT SHOP
1/4" = 1'-0"



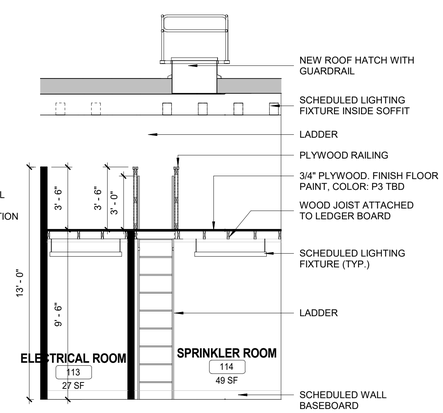
10 KIDDYLAND VESTIBULE- 10
1/4" = 1'-0"



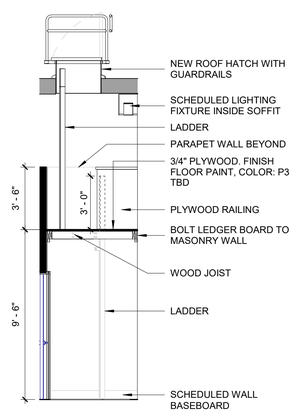
11 KIDDYLAND VESTIBULE- 11
1/4" = 1'-0"



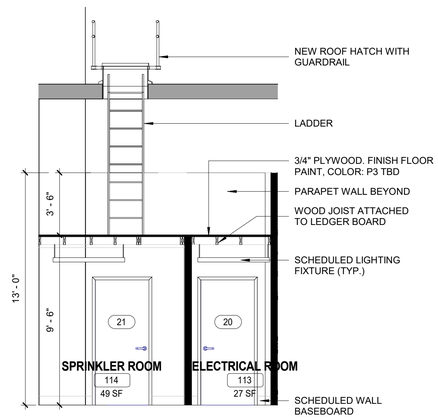
12 KIDDYLAND VESTIBULE- 12
1/4" = 1'-0"



3 ELECTRICAL ROOM & SPRINKLER ROOM- 3
1/4" = 1'-0"



6 SPRINKLER ROOM- 6
1/4" = 1'-0"



7 ELECTRICAL ROOM & SPRINKLER ROOM- 7
1/4" = 1'-0"

10/15/2020 5:31:36 PM

CONSULTANT INFORMATION

The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
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SIGNATURE
TITLE DATE

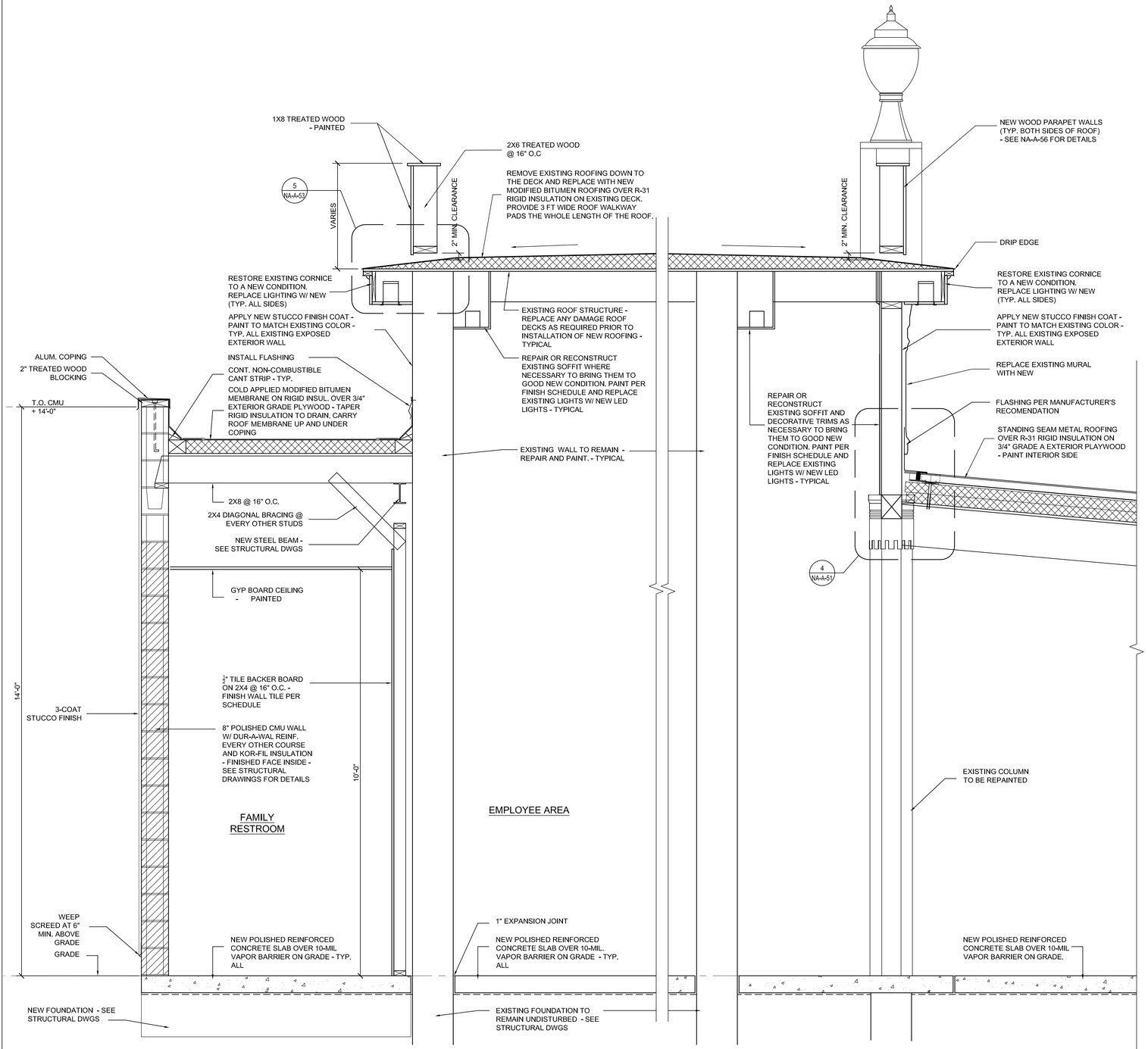
PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
INTERIOR ELEVATIONS

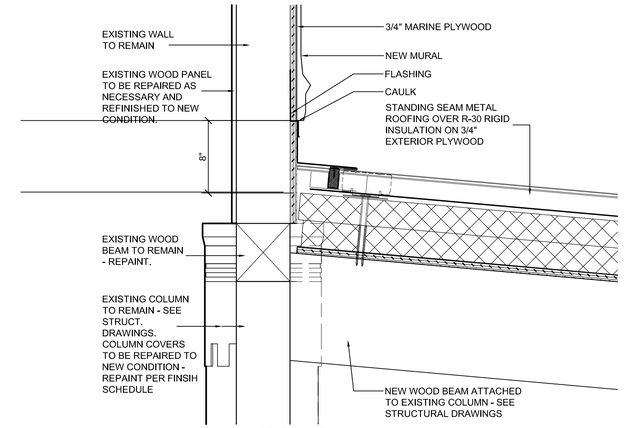
CONTRACT NUMBER	SHEET NUMBER
20-501	NA-A-43

DWG NO.: Page 83 of 387
SCALE: 1/4" = 1'-0"
DATE: 09/16/2020
DPW FILE NUMBER 1-118-A-83 REV. NO. 0

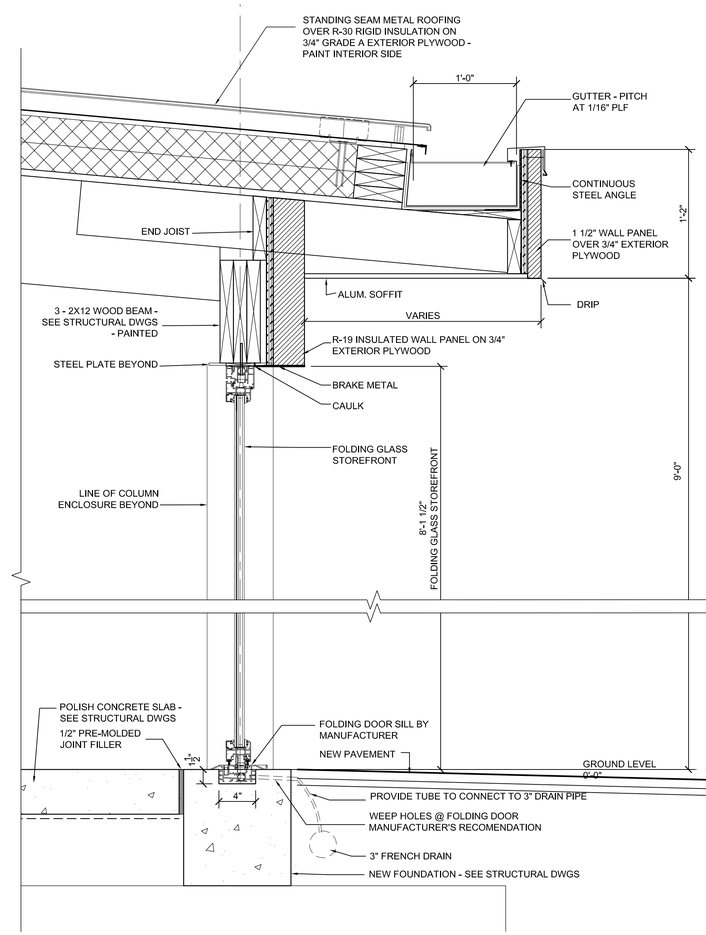


1 SECTION DETAIL
3/4" = 1'-0"

2 SECTION DETAIL
3/4" = 1'-0"



4 SECTION DETAIL
1 1/2" = 1'-0"



3 SECTION DETAIL
1 1/2" = 1'-0"

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REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

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TITLE DATE

PROJECT COORDINATOR
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SIGNATURE
TITLE DATE

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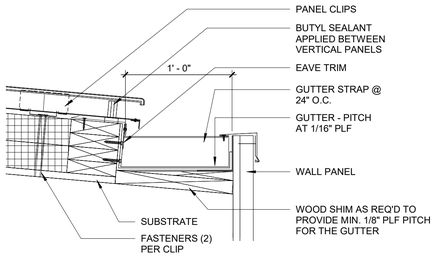
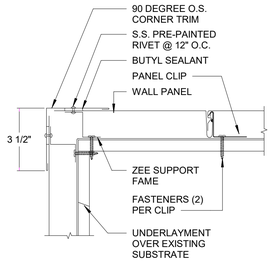
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, NEW YORK
NORTH ADMINISTRATION BUILDING
BUILDING SECTION DETAILS

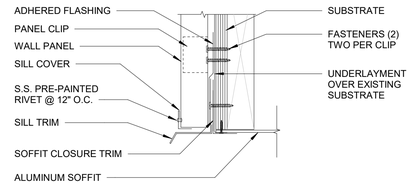
CONTRACT NUMBER	20-501
SHEET NUMBER	NA-A-51
DWG NO.:	Page 84 of 387
SCALE:	As indicated
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-84
REV. NO.	0



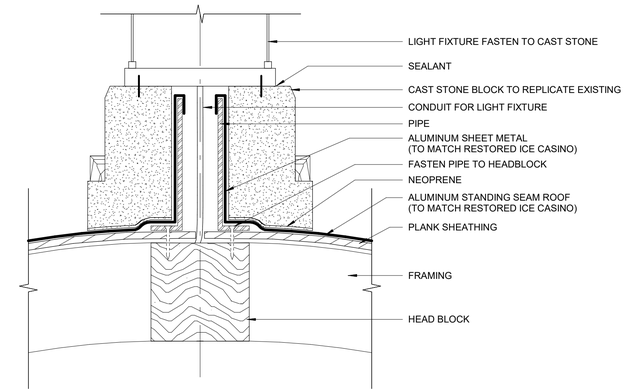
1 HIDDEN GUTTER AT HIGHEST POINT
1 1/2" = 1'-0"



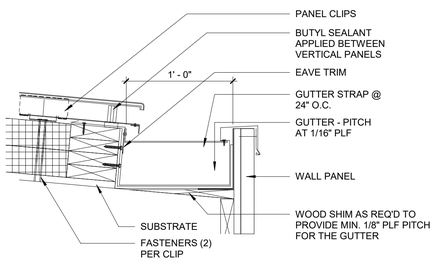
3 90 DEGREE CORNER DETAIL
3" = 1'-0"



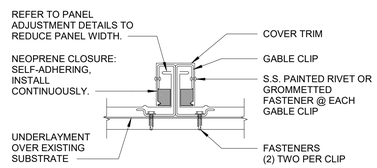
6 HIDDEN GUTTER FASCIA SOFFIT DETAIL
3" = 1'-0"



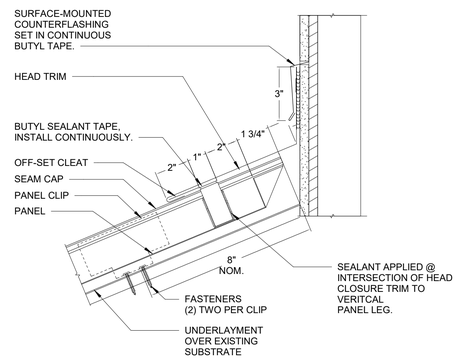
9 DOME TOWER TOP ROOFING DETAIL
1 1/2" = 1'-0"



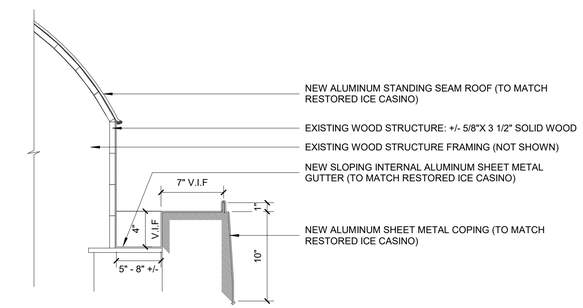
2 HIDDEN GUTTER AT LOW POINT
1 1/2" = 1'-0"



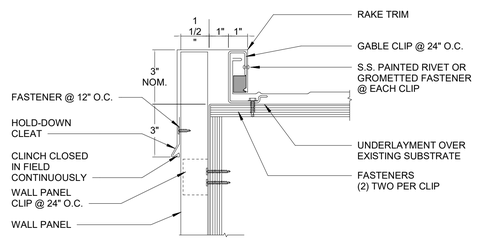
4 PANEL SEPERATION DETAIL
3" = 1'-0"



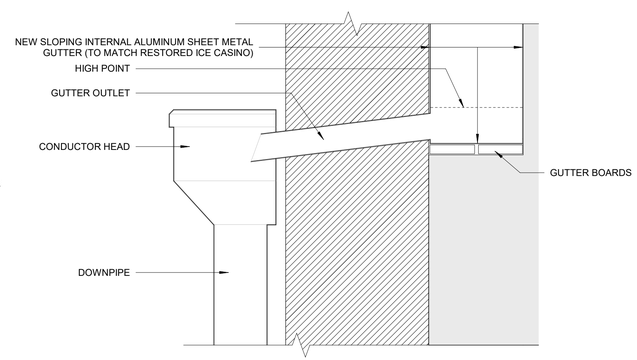
7 FIXED HEAD DETAIL
3" = 1'-0"



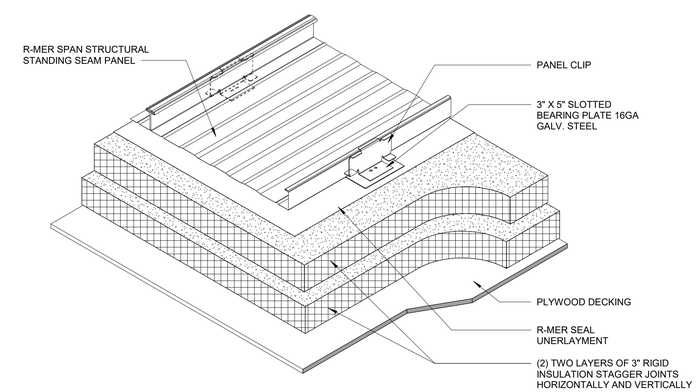
10 DOMED TOWER ROOF GUTTER DETAIL
1 1/2" = 1'-0"



5 RAKE DETAIL
3" = 1'-0"



8 SECTION THROUGH GUTTER AT DOMED TOWER
3" = 1'-0"



11 PANEL ASSEMBLY
3" = 1'-0"

10/15/2020 5:31:37 PM

CONSULTANT INFORMATION

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CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH P. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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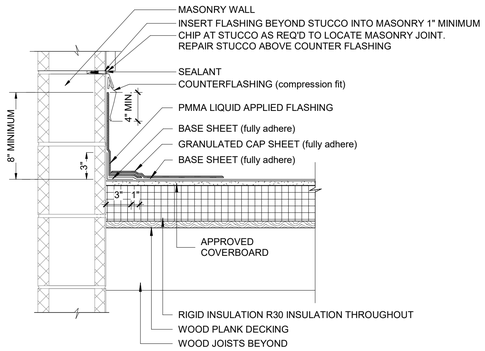
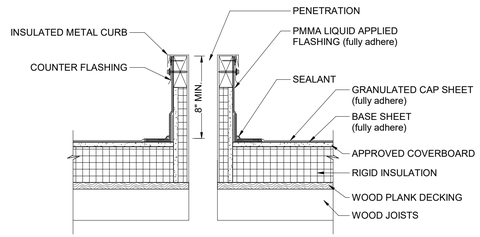
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
ROOFING DETAILS - STANDING SEAM SHEET METAL

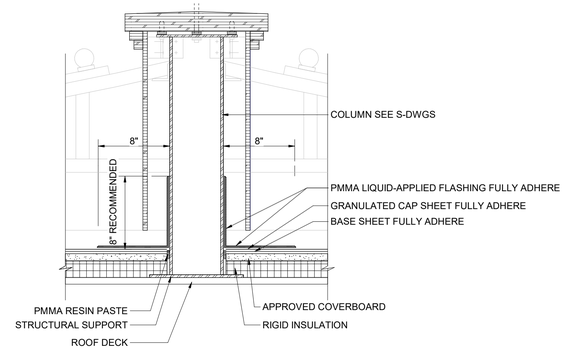
CONTRACT NUMBER	20-501
SHEET NUMBER	NA-A-52
DWG NO.:	Page 85 of 387
SCALE:	As indicated
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-85
REV. NO.	0



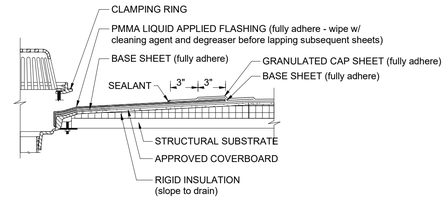
1 BASE FLASHING AT WALL
1 1/2" = 1'-0"



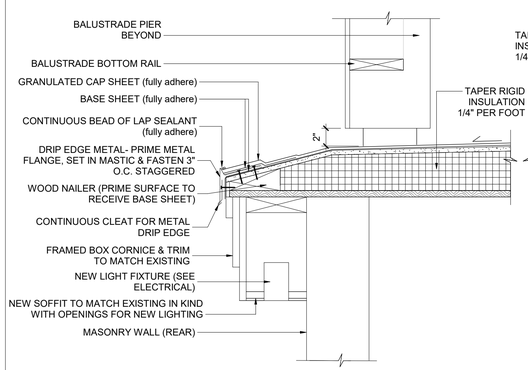
2 INSULATED CURB
1 1/2" = 1'-0"



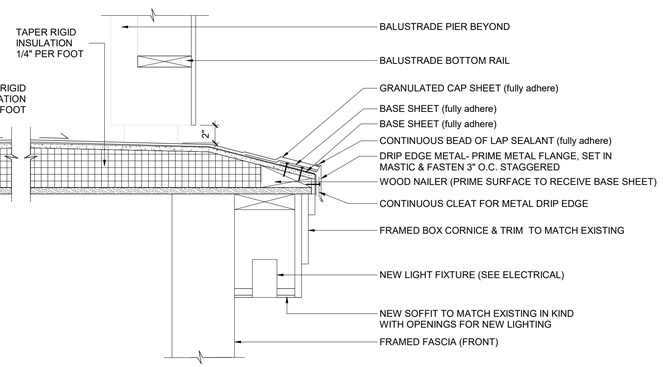
3 DETAIL AT ROOF BALUSTRADE
1 1/2" = 1'-0"



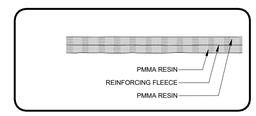
4 ROOF DRAIN
1 1/2" = 1'-0"



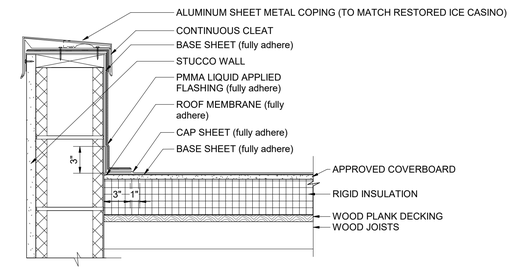
5 ROOF EDGE- REAR OF BUILDING
1 1/2" = 1'-0"



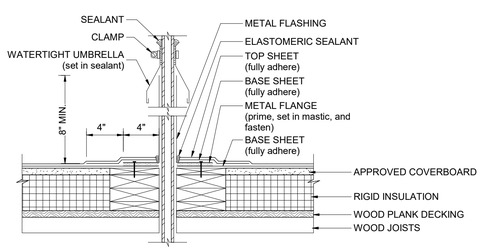
6 ROOF EDGE - FRONT OF BUILDING
1 1/2" = 1'-0"



8 REINFORCED LIQUID APPLIED FLASHING
3" = 1'-0"



9 PARAPET WITH COPING
1 1/2" = 1'-0"



10 SMALL PIPE PENETRATION
1 1/2" = 1'-0"

10/15/2020 5:31:37 PM

CONSULTANT INFORMATION

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CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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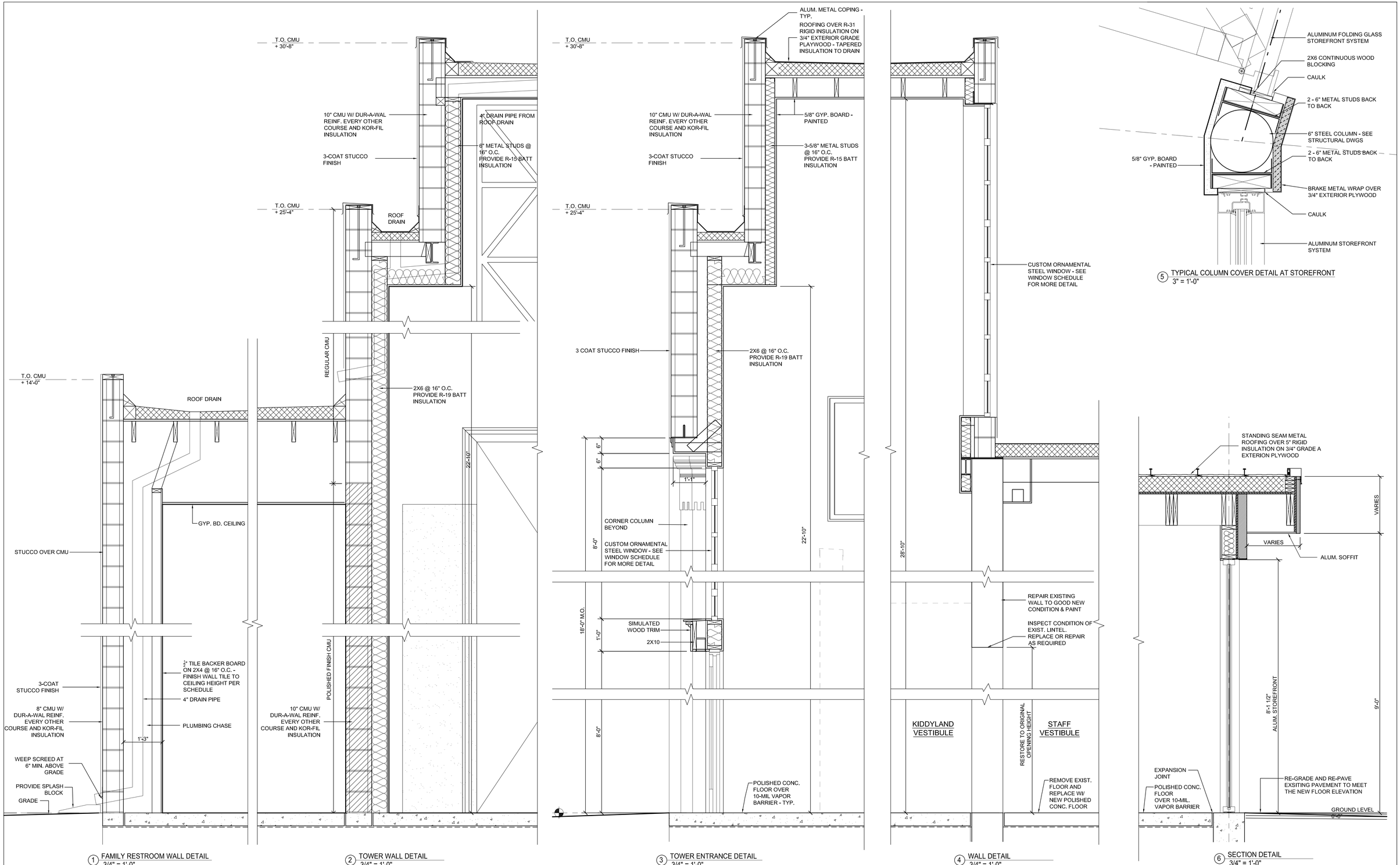
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
ROOFING DETAILS - FLAT ROOF

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-A-53
DWG NO.:	Page 86 of 387
SCALE:	As indicated
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-86
REV. NO.	0



1 FAMILY RESTROOM WALL DETAIL
3/4" = 1'-0"

2 TOWER WALL DETAIL
3/4" = 1'-0"

3 TOWER ENTRANCE DETAIL
3/4" = 1'-0"

4 WALL DETAIL
3/4" = 1'-0"

5 TYPICAL COLUMN COVER DETAIL AT STOREFRONT
3" = 1'-0"

6 SECTION DETAIL
3/4" = 1'-0"

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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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TITLE DATE

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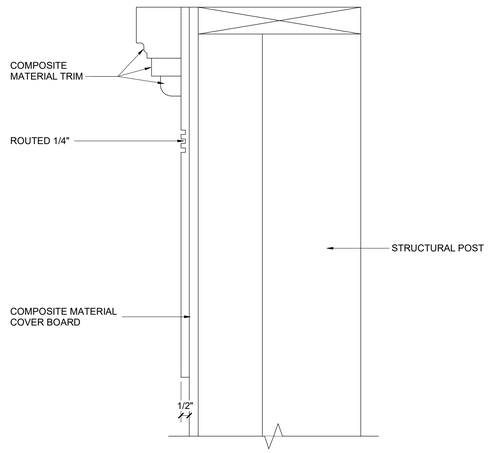
SIGNATURE
TITLE DATE

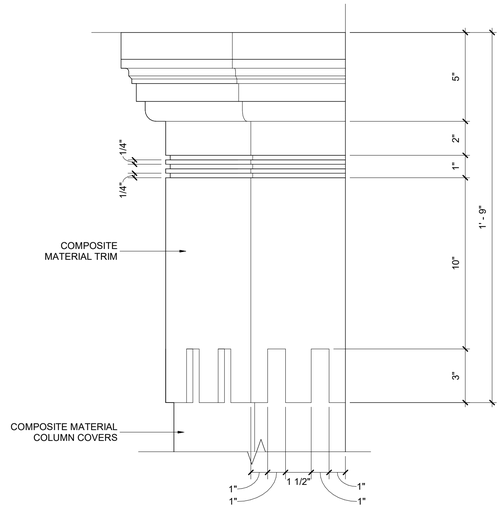
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, NEW YORK
NORTH ADMINISTRATION BUILDING
EXTERIOR DETAILS

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-A-54
DWG NO.:	Page 87 of 387
SCALE:	As indicated
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-87
REV. NO.	0



4 KIDDYLAND TOWER DETAIL SECTION
3" = 1'-0"



5 KIDDYLAND TOWER REAR COLUMN DETAIL
3" = 1'-0"

GENERAL REFLECTED CEILING PLAN NOTES:

1. IN OPEN CEILING AREAS THE STRUCTURE ABOVE SHALL BE PAINTED THE STANDARD CEILING PAINT COLOR. USE THE NUMBER OF COATS REQUIRED TO FULLY COVER THE CEILING CONSTRUCTION.

2. CONTRACTOR SHALL PROVIDE THE NECESSARY FRAMING OR BRIDGING FOR ALL LIGHT FIXTURES, DIFFUSERS, RETURNS, ETC., AS WELL AS REQUIRED CUTOUTS.

3. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY POSSIBLE INTERFERENCES BEFORE PROCEEDING WITH CEILING INSTALLATION.

4. CEILING CONSTRUCTION SHALL NOT BE CLOSED IN UNTIL THE CONSTRUCTION MANAGER AND AUTHORITIES HAVING JURISDICTION HAVE HAD AN OPPORTUNITY TO INSPECT THE AREA AND ASCERTAIN THAT ALL DUCTWORK, PLUMBING, ELECTRICAL CONDUITS AND LINES HAVE BEEN INSTALLED PROPERLY.

5. CARRYING CHANNELS FOR THE CEILING SHALL BE BOLTED TO HANGERS, AS REQUIRED BUT NOT MORE THAN 4'-0" O.C. AND 6" MIN. FROM WALLS AND PARTITIONS PARALLEL TO THE CHANNELS.

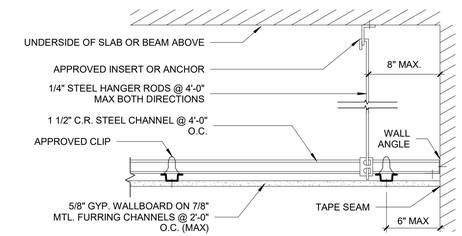
6. FASCIAS OR ANY BREAK IN THE CEILING HEIGHTS CREATED BY THE INSTALLATION AND/OR ALTERATION OF HEATING, VENTILATING, A/C OR MECHANICAL DUCTS, PIPING OR OTHER EQUIPMENT SHALL BE FORMED OF GYPSUM WALLBOARD ON FURRING CHANNELS.

7. THE CEILING TILE JOINTS SHALL BE ALIGNED PERFECTLY WITH RECESSED LIGHTING FIXTURES.

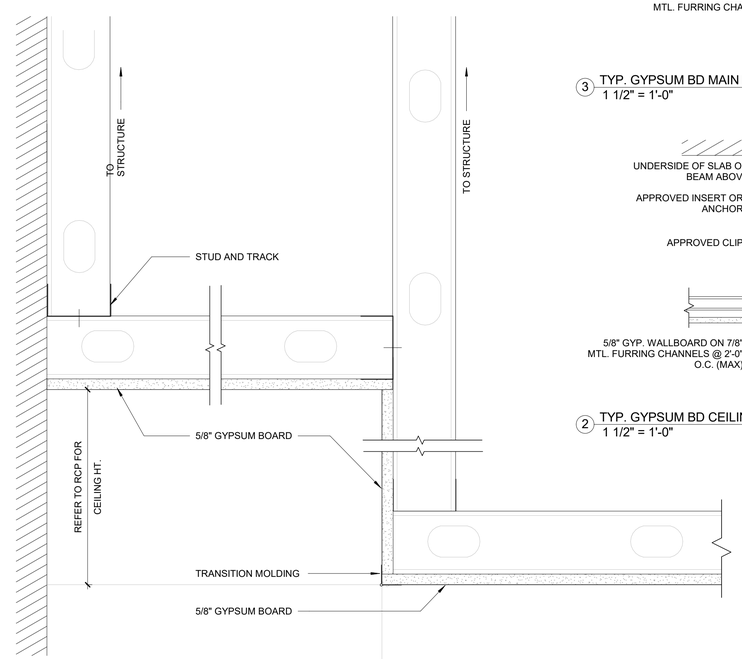
8. ALL JOINTS IN THE TILE FIELD SHALL BE SQUARE, LEVEL AND PERFECTLY ALIGNED WITH EACH OTHER AND WITH BUILDING FIXTURES.

9. CONTRACTOR SHALL PROVIDE CUTOUTS AND OTHER SPECIAL PROVISIONS IN ACOUSTICAL WORK AS REQUIRED FOR LIGHTING FIXTURES, REGISTERS, DIFFUSERS AND OTHER INSERTED ITEMS. GENERAL CONSTRUCTION CONTRACTOR SHALL INSTALL ACCESS PANELS IN GYPSUM DRYWALL CEILINGS FOR ACCESS TO AIR CONDITIONING, PLUMBING, TELEPHONE & ELECTRICAL CONTROL EQUIPMENT REQUIRING ACCESS.

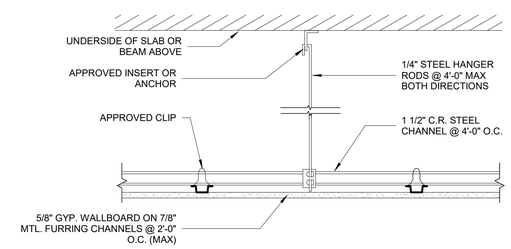
10. IN GENERAL, WITHIN EACH AREA, CEILING WORK REQUIREMENTS SHALL BE EXECUTED IN SUCH A MANNER AS TO PROVIDE CONTINUOUS MATCHED AND ALIGNED CEILINGS. THE FINAL CEILING INSTALLATION SHALL BE FREE OF ALL VISUAL DEFECTS.



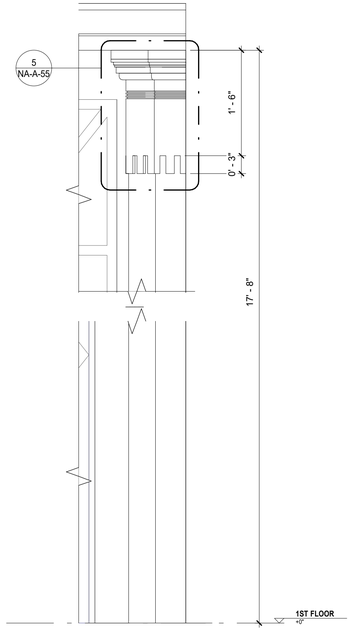
3 TYP. GYPSUM BD MAIN RUNNER AT PERIMETER DETAIL
1 1/2" = 1'-0"



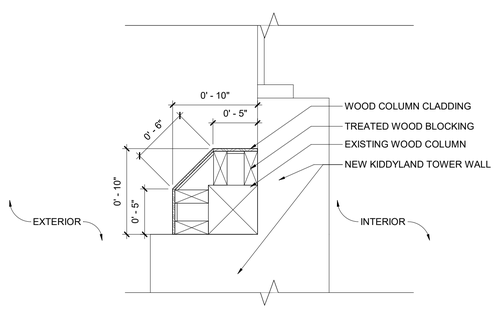
1 TRANSITION TO ALCOVE CEILING
3" = 1'-0"



2 TYP. GYPSUM BD CEILING DETAIL
1 1/2" = 1'-0"



6 KIDDYLAND TOWER REAR COLUMN UPPER DETAIL
1" = 1'-0"



7 KIDDYLAND COLUMN DETAIL
1 1/2" = 1'-0"

10/15/2020 5:31:38 PM

CONSULTANT INFORMATION
The LiRo Group
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CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH R. GRANT No. 031034 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

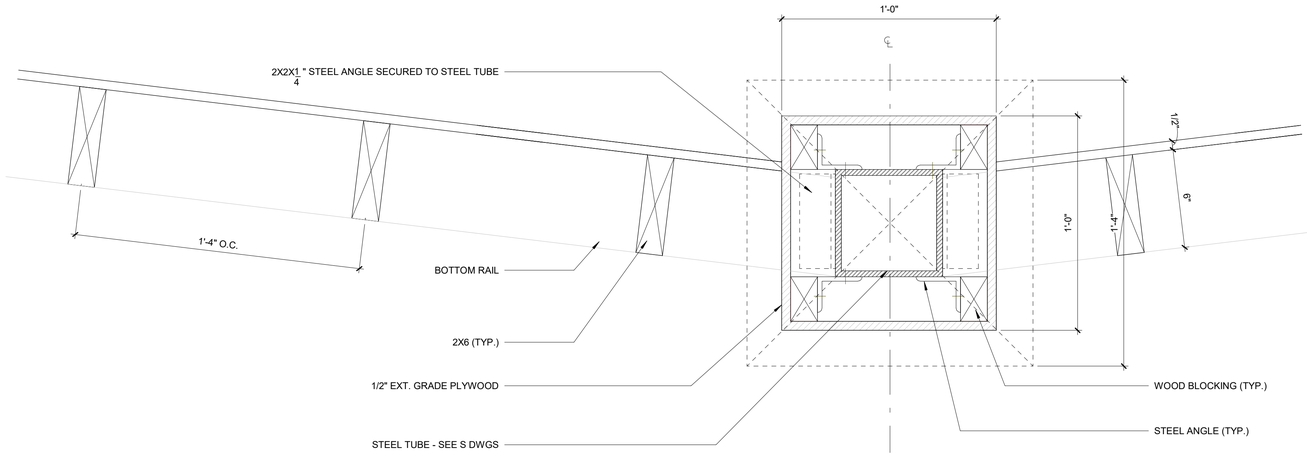
CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

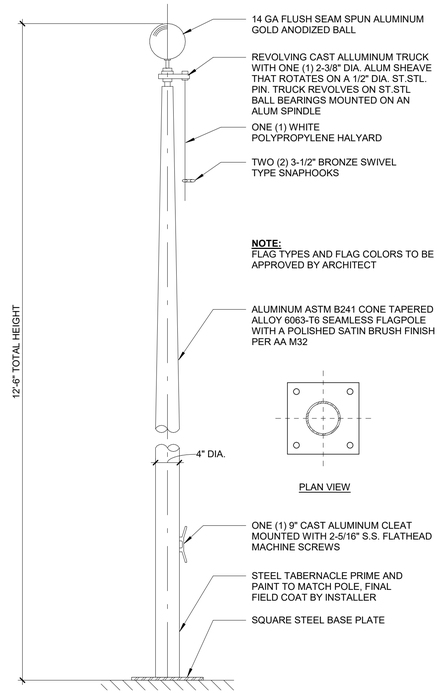
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
KIDDYLAND TOWER DETAILS & CEILING DETAILS

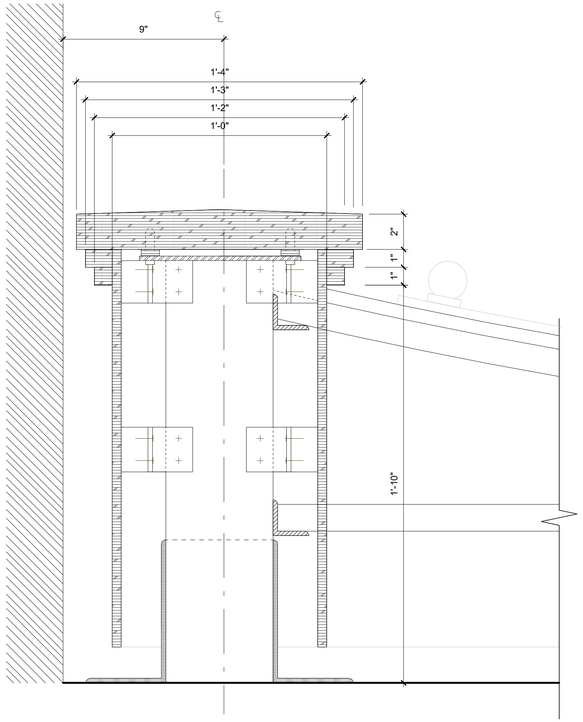
CONTRACT NUMBER	20-501
SHEET NUMBER	NA-A-55
DWG NO.:	Page 88 of 387
SCALE:	As indicated
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-88
REV. NO.	0



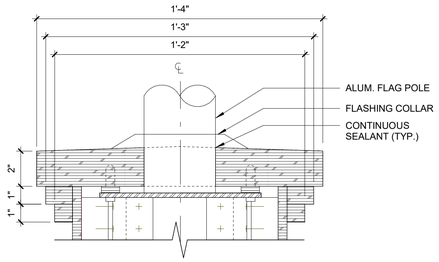
1 BALUSTRADE PLAN SECTION
3" = 1'-0"



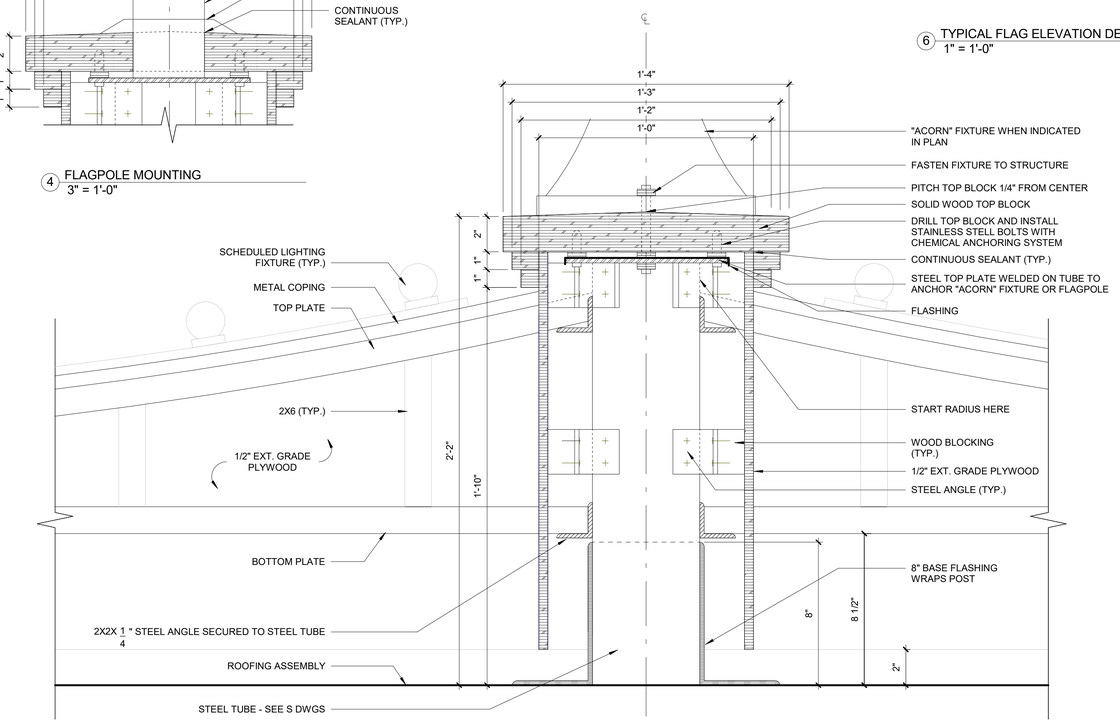
6 TYPICAL FLAG ELEVATION DETAIL
1" = 1'-0"



2 BALUSTRADE PEDESTAL END SECTION
3" = 1'-0"



4 FLAGPOLE MOUNTING
3" = 1'-0"



3 BALUSTRADE PEDESTAL SECTION
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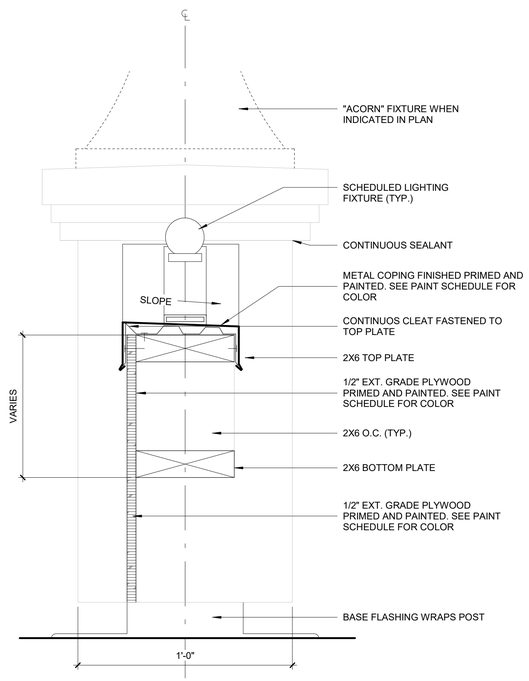

5 BALUSTRADE RAIL SECTION 2
3" = 1'-0"

10/15/2020 5:31:38 PM

CONSULTANT INFORMATION

The LiRo Group
3 Aerial Way, Syosset, New York 11791
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CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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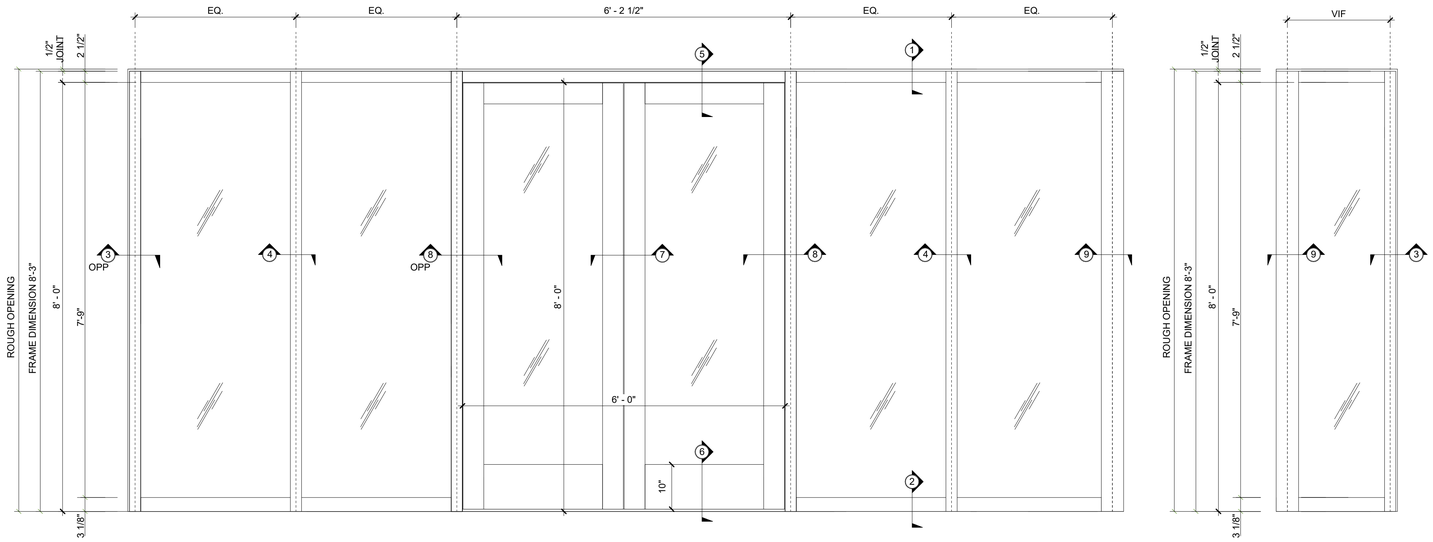
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

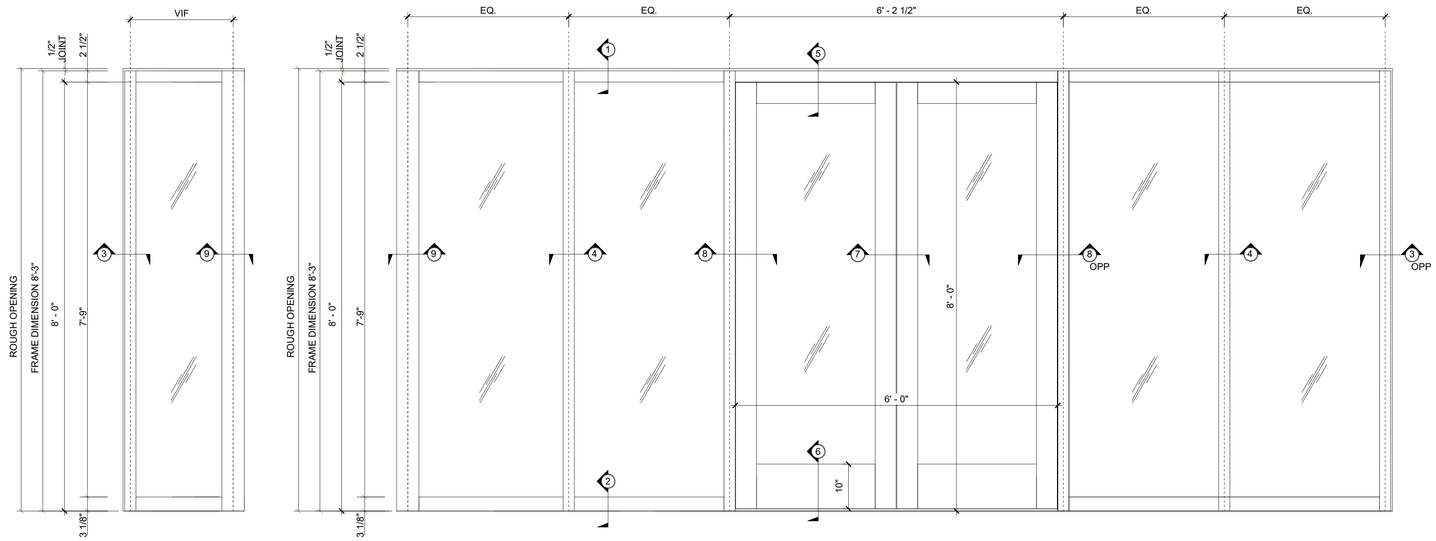
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
BALUSTRADE AND MOUNTING DETAILS

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-A-56

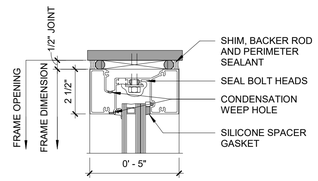
DWG NO.: Page 89 of 387
SCALE: As indicated
DATE: 09/16/2020
DPW FILE NUMBER 1-118-A-89 REV. NO. 0



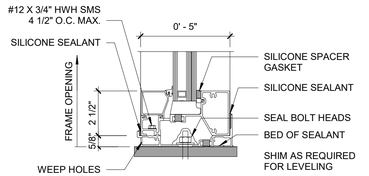
SOUTHWEST STOREFRONT ELEVATION



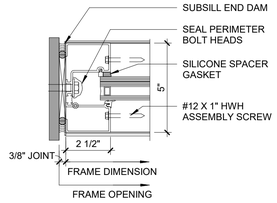
EAST STOREFRONT ELEVATION



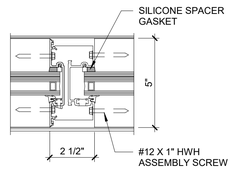
1 SECTION DETAIL AT HEAD
3" = 1'-0"



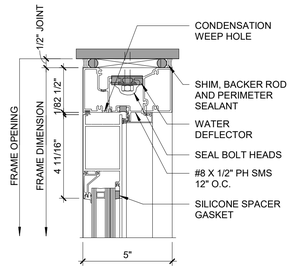
2 SECTION DETAIL AT SILL
3" = 1'-0"



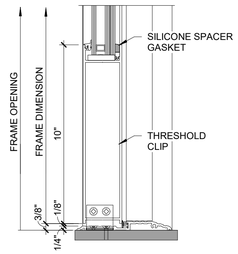
3 SECTION AT JAMB
3" = 1'-0"



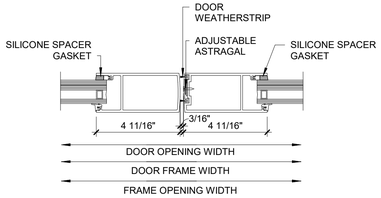
4 SECTION DETAIL AT VERTICAL MULLION
3" = 1'-0"



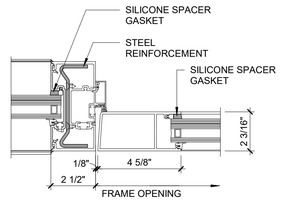
5 SECTION DETAIL AT DOOR HEAD
3" = 1'-0"



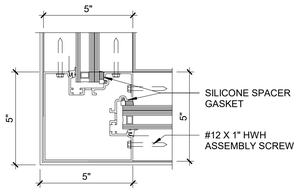
6 SECTION DETAIL AT DOOR SILL AIR THRESHOLD
3" = 1'-0"



7 SECTION DETAIL AT MEETING STILE
3" = 1'-0"



8 SECTION DETAIL AT VERTICAL AND DOOR JAMB
3" = 1'-0"



9 SECTION AT STOREFRONT CORNER
3" = 1'-0"

10/15/2020 5:31:38 PM

CONSULTANT INFORMATION

The LiRo Group
3 Aerial Way, Syosset, New York 11791
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CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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PROJECT COORDINATOR
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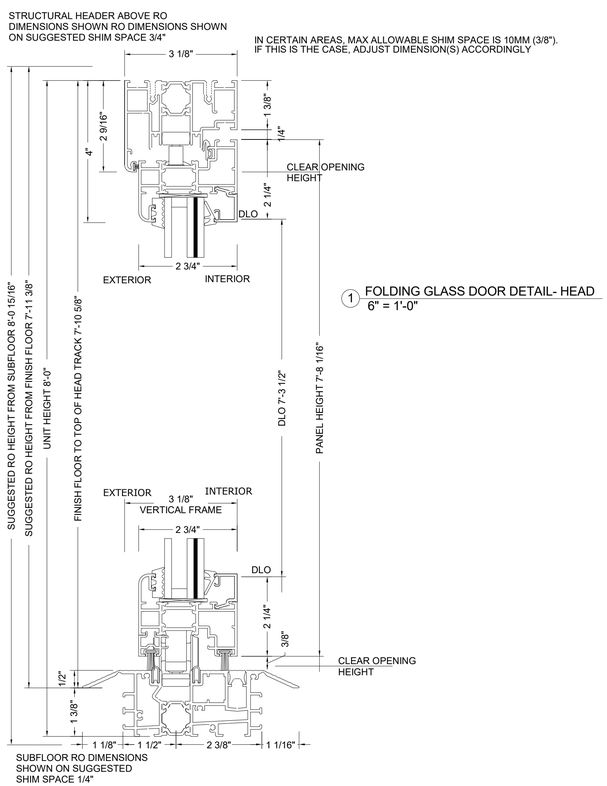
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
STOREFRONT DETAILS

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-A-57

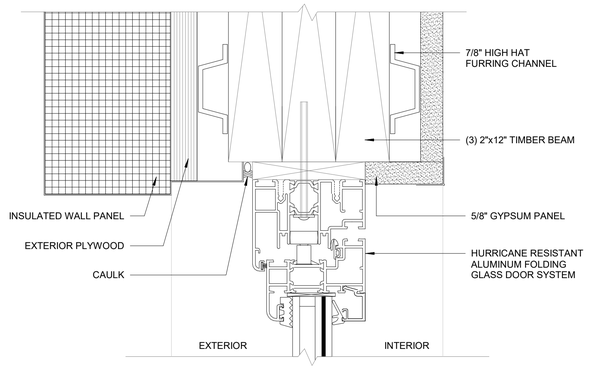
DWG NO.: **Page 90 of 387**
SCALE: **As indicated**
DATE: **09/16/2020**
DPW FILE NUMBER **1-118-A-90** REV. NO. 0



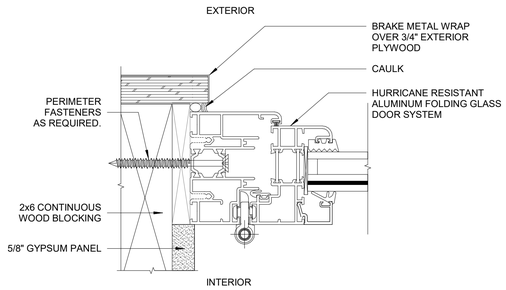
NOTE: THE SILL IS NOT CENTERED TO THE OTHER FRAME MEMBERS

HURRICANE RESISTANT ALUMINUM FOLDING GLASS DOOR SYSTEM- VERTICAL SECTION

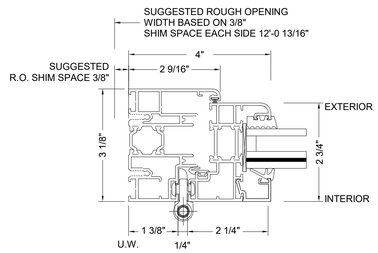
1 FOLDING GLASS DOOR DETAIL- HEAD
6" = 1'-0"



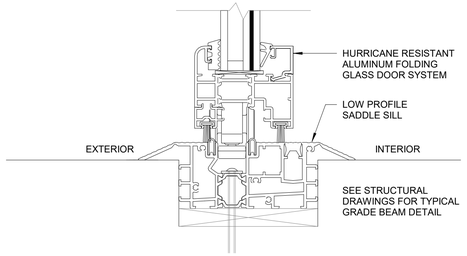
10 FOLDING GLASS DOOR- FLOOR MOUNTED HEAD (INSWING)
6" = 1'-0"



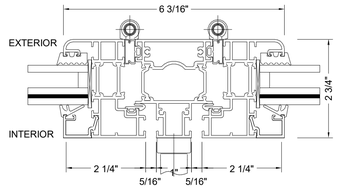
11 FOLDING GLASS DOOR DETAIL- JAMB (INSWING)
6" = 1'-0"



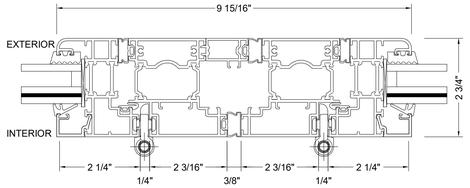
3 FOLDING GLASS DOOR DETAIL- JAMB
6" = 1'-0"



9 FOLDING GLASS DOOR DETAIL- SILL (INSWING)
6" = 1'-0"



4 FOLDING GLASS DOOR DETAIL- FOLDING WITH HANDLE
6" = 1'-0"



5 FOLDING GLASS DOOR DETAIL- FOLDING PANEL MEET FOLDING PANEL
6" = 1'-0"

2 FOLDING GLASS DOOR DETAIL- SILL
6" = 1'-0"

10/15/2020 5:31:39 PM

CONSULTANT INFORMATION

The LiRo Group

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CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031031 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
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PROJECT COORDINATOR
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TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
FOLDING GLASS DOOR DETAILS

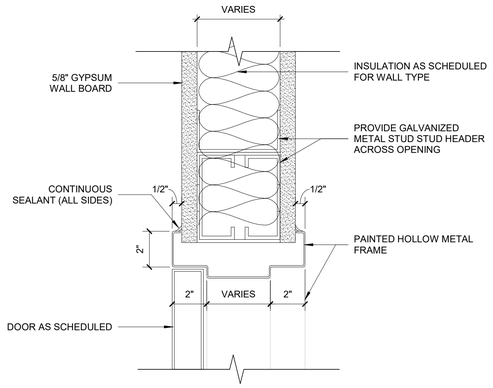
CONTRACT NUMBER	SHEET NUMBER
20-501	NA-A-58

DWG NO.: Page 91 of 387

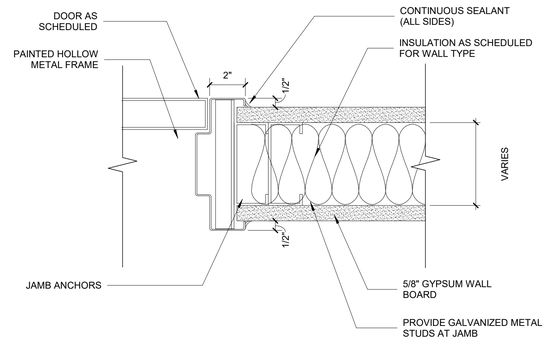
SCALE: 6" = 1'-0"

DATE: 09/16/2020

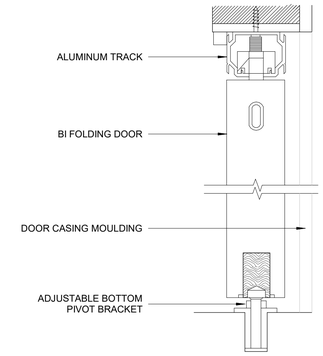
DPW FILE NUMBER 1-118-A-91 REV. NO. 0



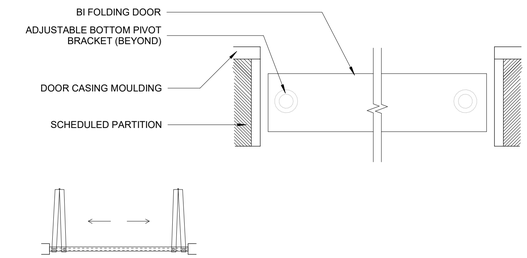
1 H.M. FRAME HEAD DETAIL
3" = 1'-0"



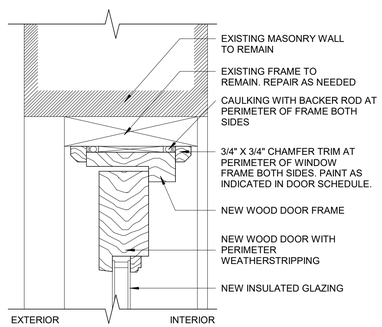
2 H.M. FRAME JAMB DETAIL
3" = 1'-0"



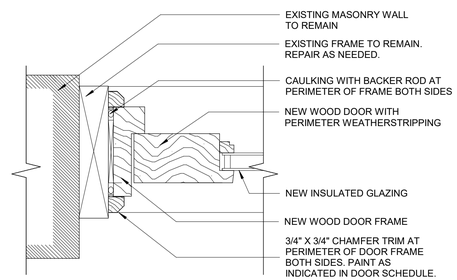
6 BI FOLDING DOOR HEADER & SILL DETAIL
3" = 1'-0"



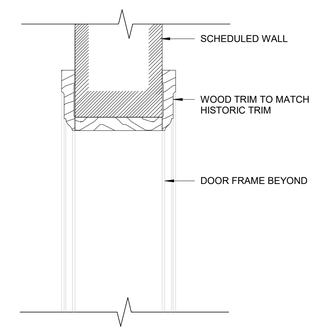
11 BI FOLDING DOOR HEADER & SILL DETAIL Copy 1
3" = 1'-0"



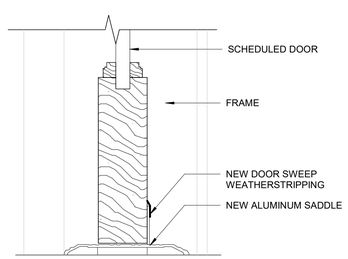
3 EXTERIOR DOOR HEAD DETAIL
3" = 1'-0"



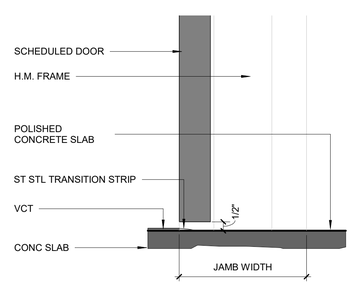
5 EXTERIOR DOOR JAMB DETAIL
3" = 1'-0"



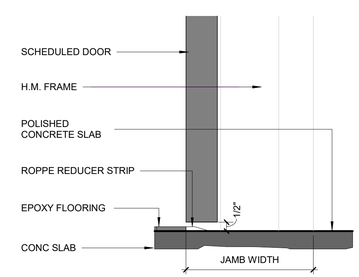
7 DOOR OPENING HEAD DETAIL
3" = 1'-0"



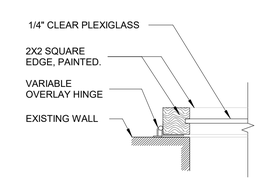
4 EXTERIOR DOOR SILL DETAIL (TR-DE)
3" = 1'-0"



8 VCT TO CONCRETE SILL DETAIL (TR-DT)
3" = 1'-0"



10 EPOXY TO CONCRETE SILL DETAIL (TR-DU)
3" = 1'-0"



9 TICKET BOOTH PLEXIGLASS SEPERATION- PLAN
3" = 1'-0"

10/15/2020 5:31:39 PM

CONSULTANT INFORMATION

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CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
DOOR & THRESHOLD DETAILS

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-A-59

DWG NO.: **Page 92 of 387**
SCALE: **3" = 1'-0"**
DATE: **09/16/2020**
DPW FILE NUMBER **1-118-A-92** REV. NO. 0

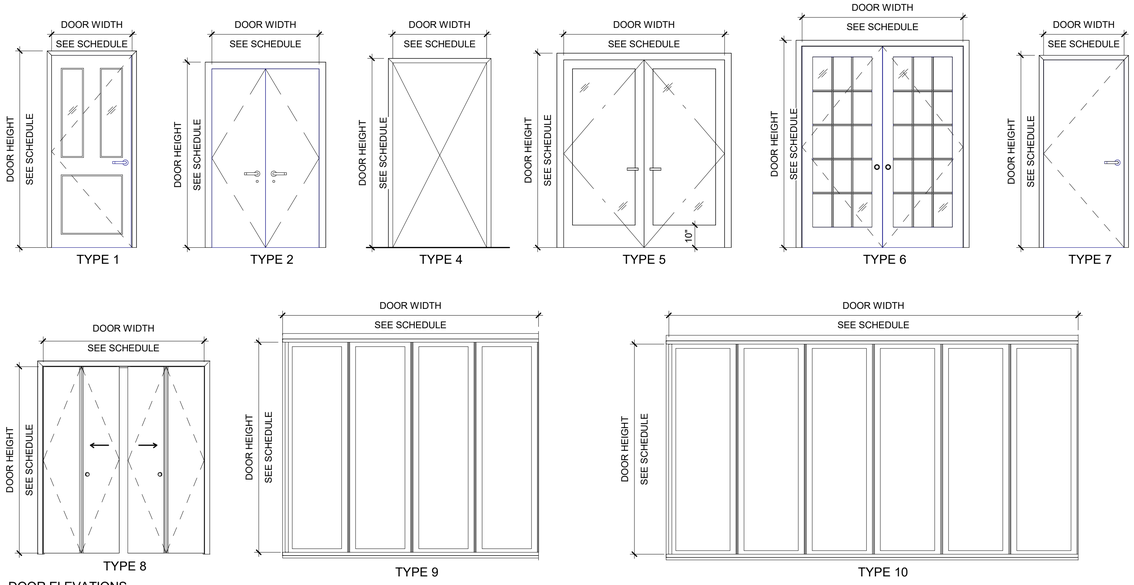
DOOR SCHEDULE

DOOR NUMBER	Level	DOOR TYPE	WIDTH	HEIGHT	DOOR THICKNESS	DOOR MATERIAL	GLASS	DOOR EXTERIOR/ INTERIOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME EXTERIOR/ INTERIOR FINISH	HDWR SET	REMARKS
1	1ST FLOOR	1	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	NO	TBD	1	WOOD	TBD	HS-10	
2	1ST FLOOR	1	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	NO	TBD	1	WOOD	TBD	HS-09	
3	1ST FLOOR	7	3' - 0"	7' - 0"	0' - 1 3/4"	HM	NO	TBD	1	METAL	TBD	HS-07A	
4	1ST FLOOR	2	4' - 0"	6' - 8"	0' - 1 3/4"	HM	NO	TBD	1	METAL	TBD	HS-11	
5	1ST FLOOR	4	3' - 0"	7' - 0"	0' - 0"	-	-	TBD	1	WOOD	TBD	TBD	
6	1ST FLOOR	4	3' - 0"	7' - 0"	0' - 0"	-	-	TBD	1	-	TBD	TBD	
7	1ST FLOOR	7	3' - 0"	7' - 0"	0' - 1 3/4"	HM	NO	TBD	1	METAL	TBD	HS-03A	
8	1ST FLOOR	7	2' - 0"	7' - 0"	0' - 1 3/4"	HM	NO	TBD	1	METAL	TBD	HS-02A	
9	1ST FLOOR	7	3' - 0"	7' - 0"	0' - 1 3/4"	HM	NO	TBD	1	METAL	TBD	HS-07A	
10	1ST FLOOR	8	6' - 0"	7' - 0"	0' - 1 3/4"	WOOD	NO	TBD	2	METAL	TBD	HS-12	
11	1ST FLOOR	7	3' - 0"	7' - 0"	0' - 1 3/4"	HM	NO	TBD	1	METAL	TBD	HS-07A	
12	1ST FLOOR	8	6' - 0"	7' - 0"	0' - 1 3/4"	WOOD	NO	TBD	2	METAL	TBD	HS-12	
13	1ST FLOOR	7	3' - 0"	7' - 0"	0' - 1 3/4"	HM	NO	TBD	1	METAL	TBD	HS-07A	
15	1ST FLOOR	7	3' - 0"	7' - 0"	0' - 1 3/4"	HM	NO	TBD	1	METAL	TBD	HS-03A	
16	1ST FLOOR	7	3' - 0"	7' - 0"	0' - 1 3/4"	HM	NO	TBD	1	METAL	TBD	HS-03A	
17	1ST FLOOR	7	3' - 0"	7' - 0"	0' - 1 3/4"	HM	NO	TBD	1	METAL	TBD	HS-02A	
18	1ST FLOOR	7	3' - 0"	7' - 0"	0' - 1 3/4"	HM	NO	TBD	1	METAL	TBD	HS-07A	
19	1ST FLOOR	7	3' - 0"	7' - 0"	0' - 1 3/4"	HM	NO	TBD	1	METAL	TBD	HS-03B	
20	1ST FLOOR	7	3' - 0"	7' - 0"	0' - 1 3/4"	HM	NO	TBD	1	METAL	TBD	HS-02A	
21	1ST FLOOR	7	3' - 0"	7' - 0"	0' - 1 3/4"	HM	NO	TBD	1	METAL	TBD	HS-02A	
22	1ST FLOOR	SEE REMARK	3' - 0"	7' - 0"	0' - 1 3/4"	SEE REMARK	-	SEE REMARK	-	SEE REMARK	-	-	See TW- Series drawings for information
23	1ST FLOOR	5	6' - 0"	8' - 0"	0' - 2 1/4"	HM/ GLASS	YES	TBD	4	TBD	TBD	HS-13	
24	1ST FLOOR	9	12' - 0"	8' - 3"	0' - 2 1/4"	HM	YES	TBD	TBD	METAL	TBD	HS-15	HURRICANE RESISTANT ALUMINUM FOLDING GLASS DOOR SYSTEM
25	1ST FLOOR	10	18' - 0"	8' - 3"	0' - 2 1/4"	HM	YES	TBD	TBD	METAL	TBD	HS-15	HURRICANE RESISTANT ALUMINUM FOLDING GLASS DOOR SYSTEM
26	1ST FLOOR	9	12' - 0"	8' - 3"	0' - 2 1/4"	HM	YES	TBD	TBD	METAL	TBD	HS-15	HURRICANE RESISTANT ALUMINUM FOLDING GLASS DOOR SYSTEM
27	1ST FLOOR	5	6' - 0"	8' - 0"	0' - 2 1/4"	HM/ GLASS	YES	TBD	4	TBD	TBD	HS-13	
28	1ST FLOOR	6	6' - 0"	7' - 6"	0' - 1 3/4"	WOOD	YES	TBD	2	WOOD	TBD	HS-15	Remove existing bi-fold doors & transoms. Repair, scrap, sand, repaint, and store to be re-installed at the completion of the renovation. Reproduce if needed.
29	1ST FLOOR	EXISTING	6' - 0"	7' - 0"		WOOD	YES	TBD	3	EXISTING	TBD	HS-15	Remove existing bi-fold doors & transoms. Repair, scrap, sand, repaint, and store to be re-installed at the completion of the renovation. Reproduce if needed.
30	1ST FLOOR	EXISTING	6' - 0"	7' - 0"		WOOD	YES	TBD	3	EXISTING	TBD	HS-15	Remove existing bi-fold doors & transoms. Repair, scrap, sand, repaint, and store to be re-installed at the completion of the renovation. Reproduce if needed.
31	1ST FLOOR	EXISTING	6' - 0"	7' - 0"		WOOD	YES	TBD	3	EXISTING	TBD	HS-15	Remove existing bi-fold doors & transoms. Repair, scrap, sand, repaint, and store to be re-installed at the completion of the renovation. Reproduce if needed.
32	1ST FLOOR	EXISTING	6' - 0"	7' - 0"		WOOD	YES	TBD	3	EXISTING	TBD	HS-15	Remove existing bi-fold doors & transoms. Repair, scrap, sand, repaint, and store to be re-installed at the completion of the renovation. Reproduce if needed.
33	1ST FLOOR	EXISTING	6' - 0"	7' - 0"		WOOD	YES	TBD	3	EXISTING	TBD	HS-15	Remove existing bi-fold doors & transoms. Repair, scrap, sand, repaint, and store to be re-installed at the completion of the renovation. Reproduce if needed.
34	1ST FLOOR	EXISTING	6' - 0"	7' - 0"		WOOD	YES	TBD	3	EXISTING	TBD	HS-15	Remove existing bi-fold doors & transoms. Repair, scrap, sand, repaint, and store to be re-installed at the completion of the renovation. Reproduce if needed.
35	1ST FLOOR	EXISTING	6' - 0"	7' - 0"		WOOD	YES	TBD	3	EXISTING	TBD	HS-15	Remove existing bi-fold doors & transoms. Repair, scrap, sand, repaint, and store to be re-installed at the completion of the renovation. Reproduce if needed.
39	1ST FLOOR	4	0' - 0"	0' - 0"	0' - 0"	-	-	-	3	EXISTING	TBD	-	Repair, scrap, sand, and repaint frame. Reproduce if needed.
36	2ND FLOOR	7	2' - 4"	7' - 0"	0' - 1 3/4"	HM	NO	TBD	1	METAL	TBD	HS-07B	
37	2ND FLOOR	7	3' - 0"	7' - 0"	0' - 1 3/4"	HM	NO	TBD	1	METAL	TBD	HS-02	
38	2ND FLOOR	7	3' - 0"	7' - 0"	0' - 1 3/4"	HM	NO	TBD	1	METAL	TBD	HS-07B	

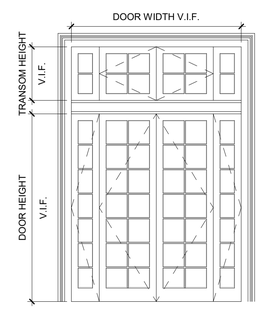
NOTE: GC TO CONFIRM DOOR SIZES IN FIELD PRIOR TO ORDERING

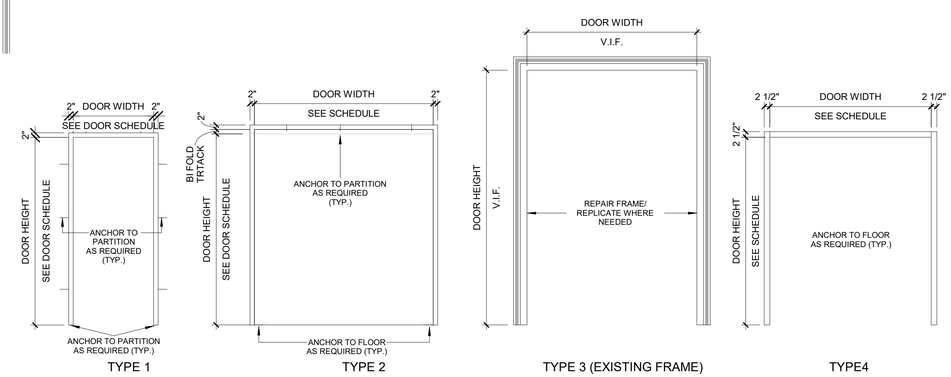
GENERAL DOOR SCHEDULE NOTES:

1. REFER TO THIS SHEET FOR DOOR & FRAME TYPES.
2. REFER TO NA-A-59 SHEET FOR DOOR JAMB, HEAD, & FRAME DETAILS.
3. REFER TO NA-A-59 SHEET FOR DOOR SILL & TRANSITION DETAILS. SILL TRANSITION INFORMATION IS INDICATED ON FINISH PLAN UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL EXAMINE THE DRAWINGS, SCHEDULE AND SPECIFICATIONS AND FURNISH PROPER HARDWARE FOR ALL OPENINGS WHETHER LISTED OR NOT. COMPLETE SHOP DRAWINGS SHALL BE PROVIDED FOR APPROVAL PRIOR TO PURCHASE.
5. ALL EXIT DOORS SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.
6. VERIFY DIMENSIONS OF EXISTING OPENING AND DOORS BEFORE ORDERING.
7. THE CONTRACTOR SHALL COORDINATE & VERIFY LOCATION OF RECESSED FLOOR CLOSERS, PIVOTS, ETC WITH EXISTING FLOOR SLABS AND OTHER FIELD CONDITIONS PRIOR TO ORDERING TO ENSURE PROPER CLEARANCES & DEPTHS ARE ALLOWED.



DOOR ELEVATIONS
3/8" = 1'-0"





5 DOOR FRAMES
3/8" = 1'-0"

10/15/2020 5:31:39 PM

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

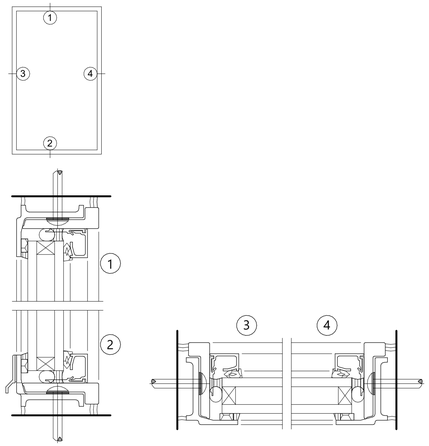
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
DOOR & HARDWARE SCHEDULE

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-A-61

DWG NO.: Page 93 of 387
SCALE: 3/8" = 1'-0"
DATE: 09/16/2020
DPW FILE NUMBER 1-118-A-93 REV. NO. 0

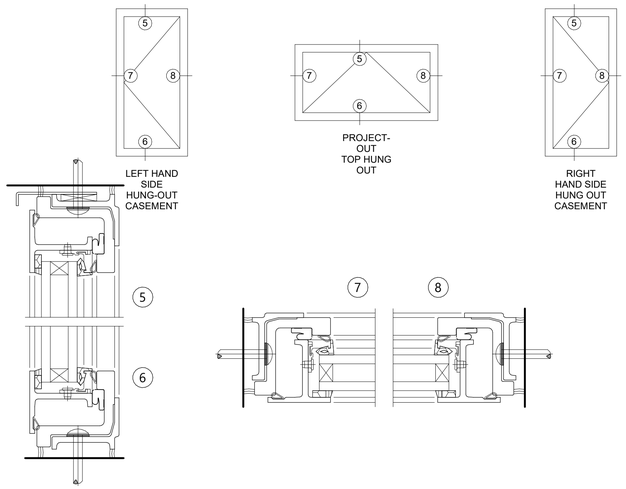
EXTERIOR GLAZED

FIXED WINDOWS



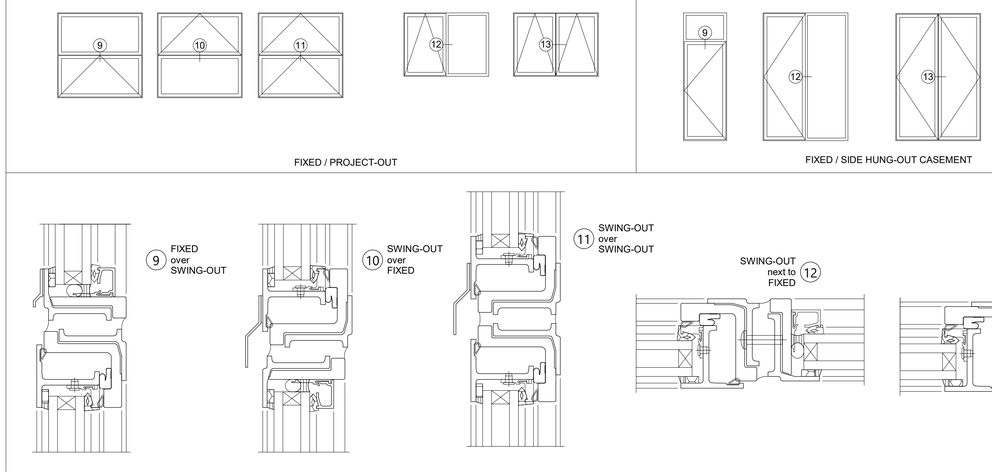
EXTERIOR GLAZED

SWING-OUT WINDOWS

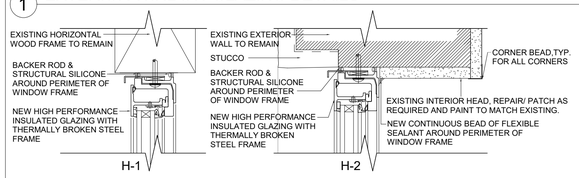


EXTERIOR GLAZED

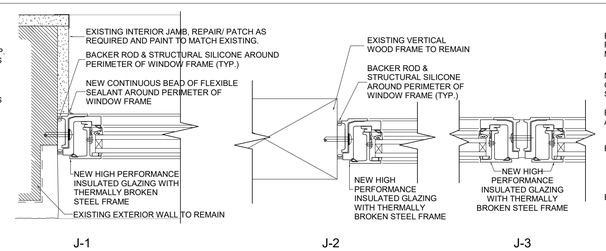
COMBINATION DETAILS



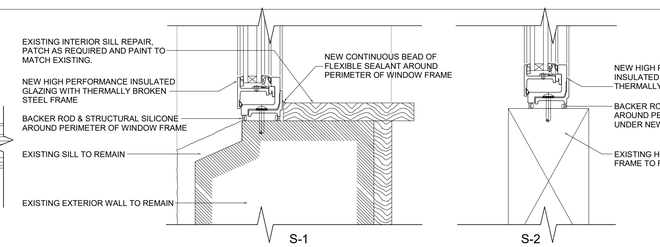
1 EXTERIOR WINDOW GLAZING DETAILS



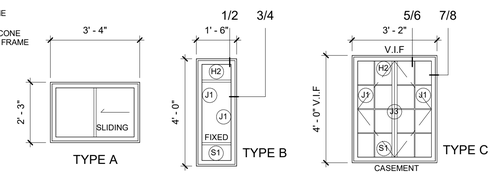
7 FRAMED OPENINGS - WINDOW HEAD DETAILS
3" = 1'-0"



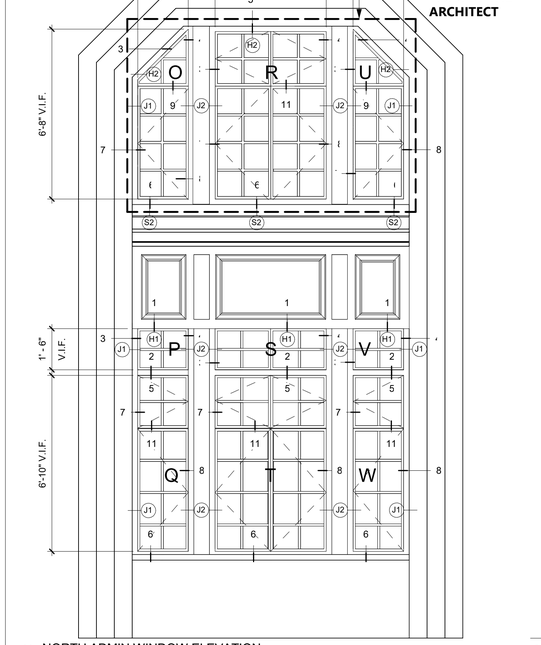
6 FRAMED OPENINGS - WINDOW JAMB DETAILS
3" = 1'-0"



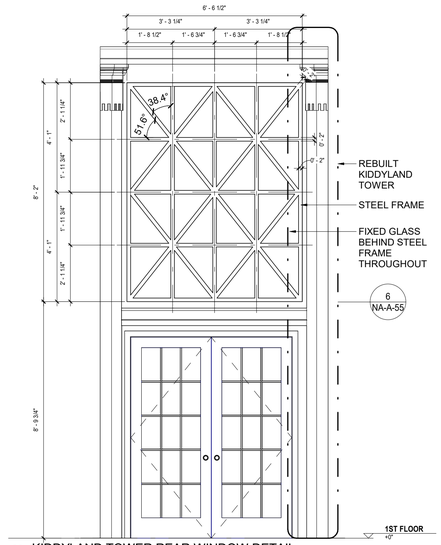
5 FRAMED OPENING - WINDOW SILL DETAILS
3" = 1'-0"



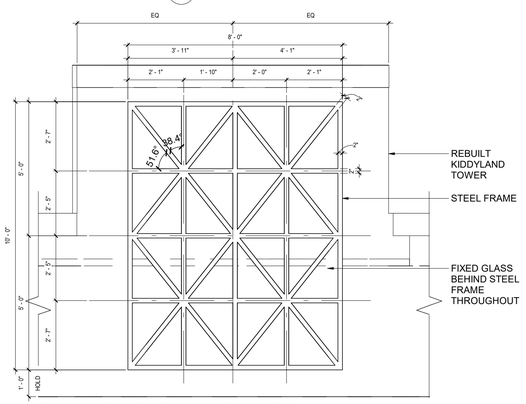
ADMINISTRATION BUILDING WINDOW LEGEND
3/8" = 1'-0"



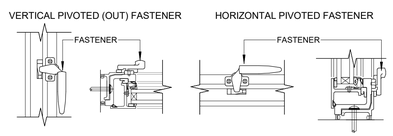
2 NORTH ADMIN WINDOW ELEVATION
3/8" = 1'-0"



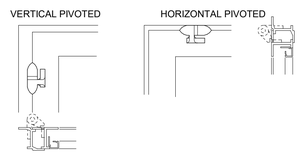
4 KIDDYLAND TOWER REAR WINDOW DETAIL
3/8" = 1'-0"



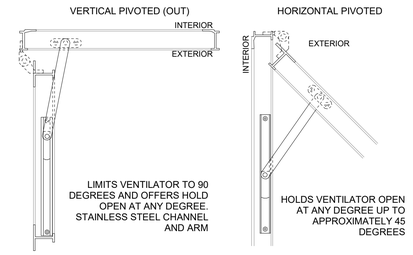
3 KIDDYLAND TOWER FRONT WINDOW DETAIL
3/8" = 1'-0"



8 VERTICAL & HORIZONTAL FASTENER



9 VERTICAL & HORIZONTAL PIVOTS



10 VERTICAL & HORIZONTAL LIMIT DEVICE

WINDOW SCHEDULE

TYPE	SASH OPER.	HEIGHT V.I.F	WIDTH V.I.F	MATERIAL	GLAZING	FINISH	MFR.	MODEL	COMMENTS
A	S	2'-3"	3'-4"	FIBERGLASS	TBD	TBD	TBD	TBD	
B	F	4'-0"	1'-6"	GALV. STEEL	TBD	TBD	TBD	TBD	
C	CS	4'-0"	3'-2"	GALV. STEEL	TBD	TBD	TBD	TBD	
O	CS/F	6'-8"	2'-1"	GALV. STEEL	TBD	TBD	TBD	TBD	
P	F	1'-6"	2'-1"	GALV. STEEL	TBD	TBD	TBD	TBD	
Q	CS	6'-10"	2'-1"	GALV. STEEL	TBD	TBD	TBD	TBD	
R	CS	6'-8"	4'-1"	GALV. STEEL	TBD	TBD	TBD	TBD	
S	F	1'-6"	4'-1"	GALV. STEEL	TBD	TBD	TBD	TBD	
T	CS	6'-10"	4'-1"	GALV. STEEL	TBD	TBD	TBD	TBD	
U	CS/F	6'-8"	2'-1"	GALV. STEEL	TBD	TBD	TBD	TBD	
V	F	1'-6"	2'-1"	GALV. STEEL	TBD	TBD	TBD	TBD	
W	CS	6'-10"	2'-1"	GALV. STEEL	TBD	TBD	TBD	TBD	

NOTES:
ALL WINDOWS TO BE:
-DOUBLE PANE
-THERMAL BREAK
- ALL SIZES TO BE CONFIRMED BY CONTRACTOR PRIOR TO ORDERING

SASH OPERATION LEGEND:
AW= AWNING
CS= CASEMENT
F= FIXED
S= SLIDING

10/15/2020 5:31:40 PM

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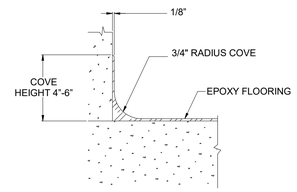
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
WINDOW SCHEDULE AND WINDOW DETAILS

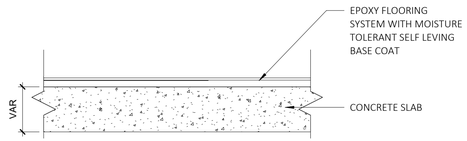
CONTRACT NUMBER **20-501**
SHEET NUMBER **NA-A-62**
DWG NO.: **Page 94 of 387**
SCALE: **As indicated**
DATE: **09/16/2020**
DPW FILE NUMBER **1-118-A-94**
REV. NO. **0**

1	**EXISTING WALL** PATCH AND REPAIR EXISTING WALLS	VAR
2	**NEW WALL 2 7/8" TO DOOR HEADER ABOVE** 20 GA " STUD METAL STUDS 16" O.C. WITH 5/8" GYPSUM BOARD ON BOTH SIDES TO HEADER ABOVE. SECURE GYPSUM BOARD TO STUDS WITH DRYWALL SCREWS AT 10" O.C. AT PANEL EDGES AND 12" (305 MM) O.C. AT INTERMEDIATE SUPPORTS.	3"
3	**NEW 4 7/8" WALL** 20 GA 3-5/8" METAL STUDS 16" O.C. WITH 5/8" GWB ON BOTH SIDES TO CEILING ABOVE UNLESS SHOWN OTHERWISE IN INTERIOR ELEVATION *INSIDE THE JANITOR CLOSET USE 5/8" WATER RESISTANT GWB TO CEILING ABOVE.	4 7/8"
3A	**NEW 4 1/4" WALL** 20 GA 3-5/8" METAL STUDS 16" O.C. WITH 5/8" GWB ON ONE SIDE TO CEILING ABOVE. *INSIDE THE JANITOR CLOSET USE 5/8" WATER RESISTANT GWB TO CEILING ABOVE.	4 1/4"
4	**NEW 6 3/4" PLUMBING WALL** 20 GA 6-3/4" METAL STUDS 16" O.C. WITH 5/8" GWB ON BOTH SIDES TO CEILING ABOVE.	6 3/4"
5	**NEW EXTERIOR CMU AND STUCCO WALL** 5/8" GWB WITH 7/8" HIGH-HAT FURRING CHANNEL ON 4" CMU BLOCK. Z-CHANNEL FURRING STRIPS WITH 3" RIGID INSULATION. SHEATING BOARD AND 2 LAYERS OF WATER RESISTANT FABRIC - 30 LBS FELT MINIMUM. SELF FURRING LATHE WITH 3 LAYERS OF PLASTER. 1/4" SCRATCH IN LATHE. 1/2" BROWN COAT AND FINISH SKIM COAT.	3" / 3 5/8"
6	**NEW EXTERIOR CMU AND STUCCO WALL WITH INTERIOR GYP** 10" CMU BLOCK. Z-CHANNEL FURRING STRIPS WITH 3" RIGID INSULATION. SHEATING BOARD AND 2 LAYERS OF WATER RESISTANT FABRIC - 30 LBS FELT MINIMUM. SELF FURRING LATHE WITH 3 LAYERS OF PLASTER. 1/4" SCRATCH IN LATHE. 1/2" BROWN COAT AND FINISH SKIM COAT. **INTERIOR** VAPOR BARRIER WITH 6" STUDS. 5/8" MOISTURE RESISTANT GYP BOARD.	3/4" / 3" / 10" / 6" / 5/8"
7	**NEW EXTERIOR CMU AND STUCCO WALL WITH INTERIOR TILE** 8" CMU BLOCK. Z-CHANNEL FURRING STRIPS WITH 3" RIGID INSULATION. SHEATING BOARD AND 2 LAYERS OF WATER RESISTANT FABRIC - 30 LBS FELT MINIMUM. SELF FURRING LATHE WITH 3 LAYERS OF PLASTER. 1/4" SCRATCH IN LATHE. 1/2" BROWN COAT AND FINISH SKIM COAT. **INTERIOR** VAPOR BARRIER WITH 3/16" CEMENTITIOUS BOND COAT. 3/8" CERAMIC TILE.	3/4" / 3" / 8" / 1"
8	**NEW EXTERIOR CMU AND INTERIOR GYP WALL WITH INTERIOR TILE** **INTERIOR** VAPOR BARRIER WITH 6" STUDS. 5/8" MOISTURE RESISTANT GYP BOARD. 10" CMU BLOCK **INTERIOR** VAPOR BARRIER WITH 3/16" CEMENTITIOUS BOND COAT. 3/8" CERAMIC TILE.	10" / 6" / 5/8"
9	**NEW METAL STUD AND TILE WALL** 20 GA 3-5/8" METAL STUDS 16" O.C. WITH 1/2" COATED GLASS MAT WATER RESISTANT GYPSUM BACKER BOARD. WATERPROOF MEMBRANE. 3/16" CEMENTITIOUS BOND COAT. 3/8" CERAMIC TILE.	4 3/4"
10	**NEW GYPSUM WALL AND TILE WALL** 20 GA 3-5/8" METAL STUDS 16" O.C. WITH 1/2" COATED GLASS MAT WATER RESISTANT GYPSUM BACKER BOARD ON ONE SIDE WITH WATERPROOF MEMBRANE. 3/16" CEMENTITIOUS BOND COAT. 3/8" CERAMIC TILE. OTHER SIDE 5/8" GWB. *INSIDE THE JANITOR CLOSET USE 5/8" WATER RESISTANT GWB TO CEILING ABOVE.	1" / 3 5/8" / 5/8"
11	**EXISTING WALL AND TILE WALL** EXISTING WALL. WATERPROOF MEMBRANE. 3/16" CEMENTITIOUS BOND COAT. 3/8" CERAMIC TILE.	VAR
12	**NEW STEEL FURRING AND TILE WALL** 20 GA 2" METAL STUDS 16" O.C. WITH 1/2" COATED GLASS MAT WATER RESISTANT GYPSUM BACKER BOARD. WATERPROOF MEMBRANE. 3/16" CEMENTITIOUS BOND COAT. 3/8" CERAMIC TILE.	2"
13	**NEW CMU AND GYPSUM WALL** 5/8" GWB WITH 7/8" HIGH-HAT FURRING CHANNEL ON 4" CMU BLOCK. 20 GA 2-1/2" METAL STUDS 16" O.C. WITH 5/8" GWB ON ONE SIDE TO CEILING ABOVE.	5/8" / 2 1/2" / 7/8" / 3 5/8"
14	**EXTERIOR STOREFRONT CURTAIN WALL** HURRICANE RESISTANT STOREFRONT SYSTEM THERMALLY INSULATED	
15	**EXTERIOR STOREFRONT WALL** 5/8" GWB WITH 7/8" HIGH-HAT FURRING CHANNEL ON (3) 2x12 BEAM. WITH 7/8" HIGH-HAT FURRING CHANNEL 3/4" EXTERIOR PLYWOOD. WITH R-19 INSULATED WALL PANEL WITH BRAKE METAL WRAP OVER.	3 1/2" / 3/4" / 7/8" / 3/4" / 7/8"

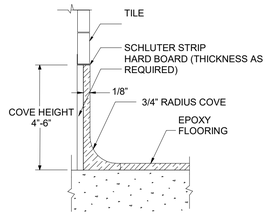
WALL TYPE LEGEND



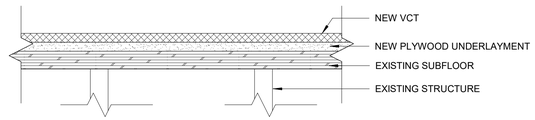
1 EPOXY FLOORING- CAPLESS COVE BASE DETAIL
6" = 1'-0"



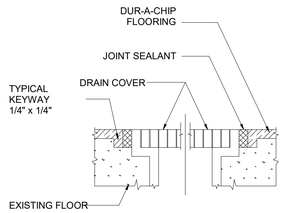
4 EPOXY FLOORING TYPICAL DETAIL
6" = 1'-0"



2 EPOXY FLOORING- COVE BASE DETAIL (BUILT OUT WALL)
6" = 1'-0"



5 VCT OVER WOOD SUBFLOOR TYPICAL DETAIL
6" = 1'-0"



3 EPOXY FLOORING- CHANNEL DRAIN DETAIL
6" = 1'-0"

NOTES

1. SEE SPECIFICATIONS FOR TYPICAL METAL STUD GAUGES AND SPACING. PROVIDE MINIMUM GAUGES BASED ON SPAN AS FOLLOWS:
   TYPICAL PARTITION - DEFLECTION L/240; LOAD 5 PSF
   SHAFT WALLS - DEFLECTION L/240; LOAD 7.5 PSF
   PARTITION WITH GLASS, TILE, SIM. - DEFLECTION L/360; LOAD 5 PSF

2. SEE SPECIFICATIONS FOR GYPSUM BOARD AND OTHER WALL BOARD TYPES, APPLICATIONS AND THICKNESS UNLESS NOTED OTHERWISE ON THE DRAWINGS.

3. REFER TO THE LATEST EDITION OF UNDERWRITERS LABORATORIES INC. FIRE RESISTANCE DIRECTORY FOR ADDITIONAL REQUIREMENTS ON UL RATED ASSEMBLIES AS NOTED IN THE PARTITION DESCRIPTIONS. WHERE UL# IS NOTED USE UL IN LIEU OF CHART ABOVE.

4. ALL PARTITIONS INDICATED ON THIS SHEET MAY NOT BE USED. USE ONLY PARTITIONS IDENTIFIED IN PLAN.

5. SOUND RATED PARTITIONS TYPES: WALL TYPE DESIGNATIONS INDICATED WITH AN "S" ARE SOUND RATED AND REQUIRE SAFB (SOUND ATTENUATION FIRE BATT/BLANKET INSULATION) AND ACOUSTICAL SEALANT.

6. ALL FIRE RATED CMU WALL TYPES TO BE 75% SOLID UNIT.

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CONSULTANT INFORMATION
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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
PARTITION & FLOORING TYPE DETAILS

CONTRACT NUMBER	20-501
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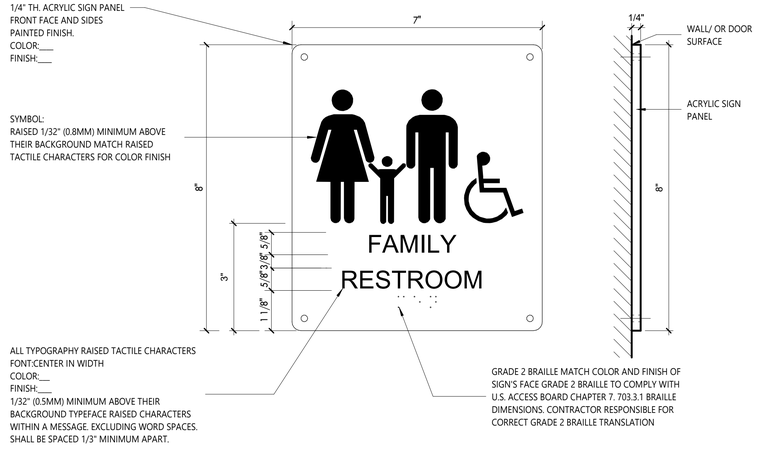
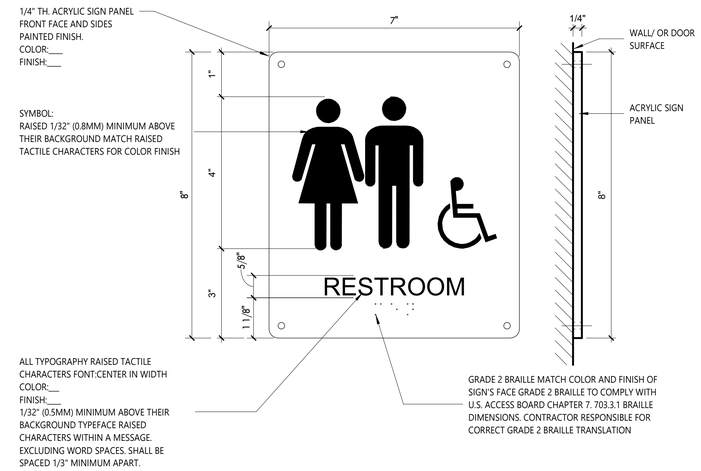
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-95
REV. NO.	0



1 TYPE G-3- UNISEX ADA TOILET ID SIGN TYPICAL FRONT & SIDE ELEVATION
6" = 1'-0"



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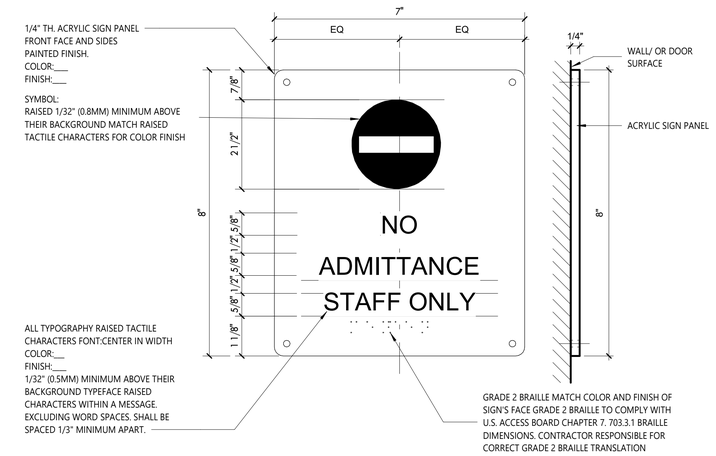
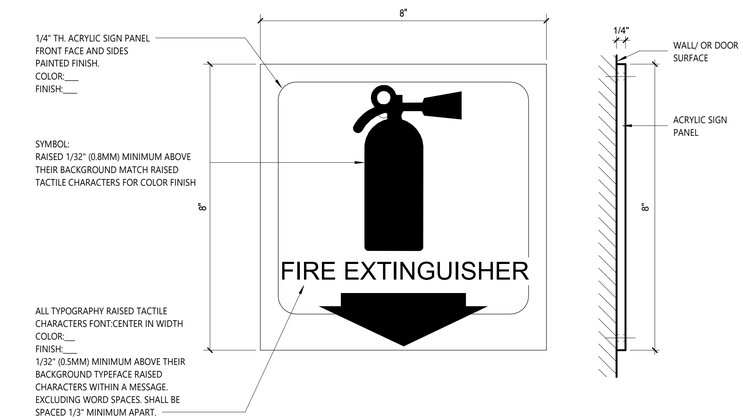
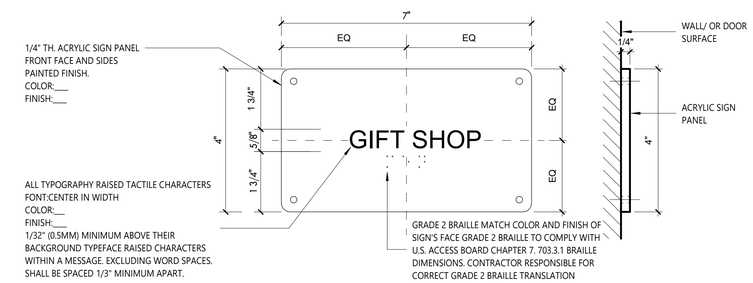
6" = 1'-0"



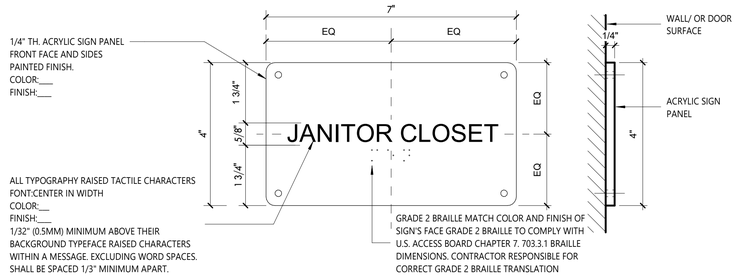
3 TYPE X-1- STAFF ONLY SIGN FRONT ELEVATION & SIDE ELEVATION
6" = 1'-0"



4 TYPE X-2- FIRE EXITNGUISHER SIGN FRONT ELEVATION & SIDE ELEVATION
6" = 1'-0"



5 TYPE A-1- GIFT SHOP ID SIGN TYPICAL FRONT & SIDE ELEVATION
6" = 1'-0"



6 TYPE A-2- JANITOR CLOSET ID SIGN TYPICAL FRONT & SIDE ELEVATION
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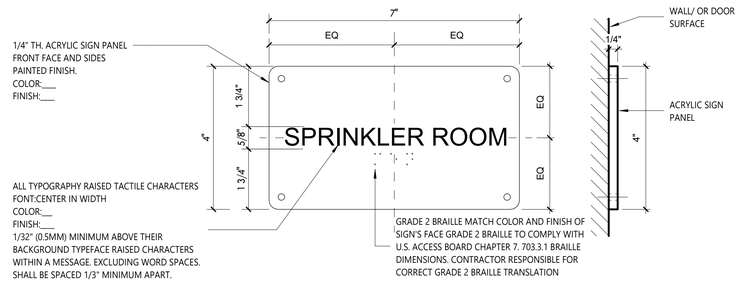

7 TYPE A-3- SPRINKLER ROOM ID SIGN TYPICAL FRONT & SIDE ELEVATION
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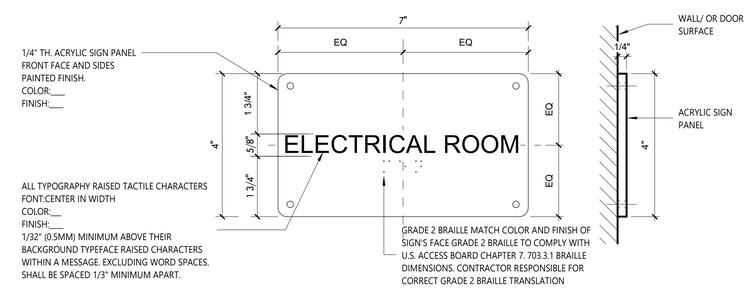

8 TYPE A-4 ELECTRICAL ROOM ID SIGN TYPICAL FRONT & SIDE ELEVATION
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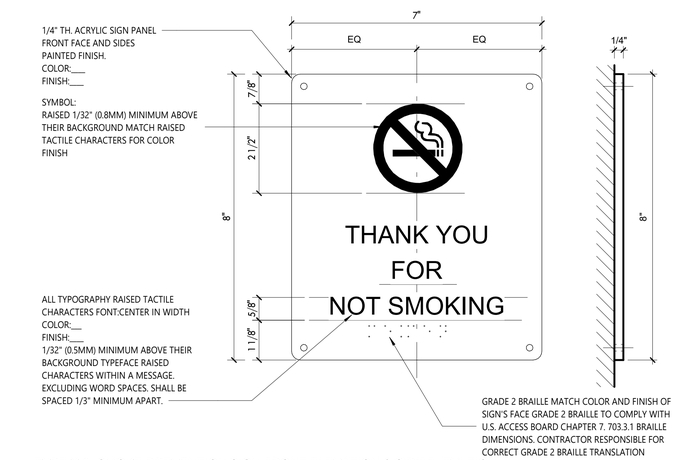
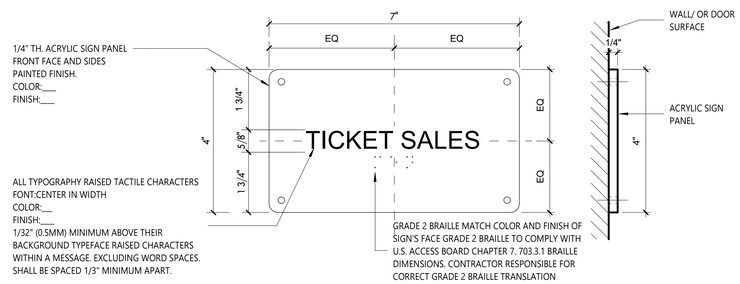
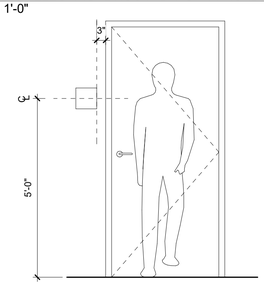


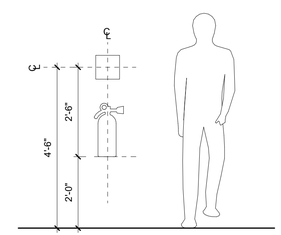
11 TYPE X-3- SMOKE PREVENTION SIGN FRONT ELEVATION & SIDE ELEVATION
6" = 1'-0"



12 TYPE A-5 TICKET SALES ID SIGN TYPICAL FRONT & SIDE ELEVATION
6" = 1'-0"



9 SIGN LOCATION ELEVATION TYPICAL DOOR CONDITION
1/2" = 1'-0"



10 FIRE EXTINGUISHER SIGN LOCATION ELEVATION
1/2" = 1'-0"

NOTE: ALL SIGNAGE TO BE APPROVED BY ARCHITECT

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CONSULTANT INFORMATION

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(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH R. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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SIGNAGE DETAILS

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-A-64
DWG NO.:	Page 96 of 387
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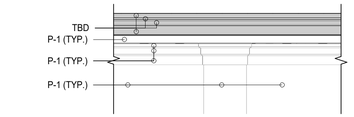
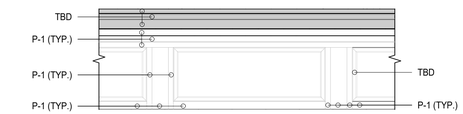
DATE:	09/16/2020
DPW FILE NUMBER	1-118-A-96
REV. NO.	0

FINISH LEGEND

TAG #	FINISH MATERIAL	SUPPLIER / MANUFACTURER	STYLE # / SIZE	COLOR	FINISH	LOCATION	REMARKS
WALL MATERIALS							
P-1	PAINT	BENJAMIN MOORE	TBD	"PLAYLAND WHITE"/ 901	SEMI-GLOSS ENAMEL	FACADE	
P-2	PAINT	BENJAMIN MOORE	TBD	LUCK OF THE IRISH/ 588	SEMI-GLOSS ENAMEL	TRIM	
P-3	PAINT	BENJAMIN MOORE	TBD	SANDLOT GRAY/ 2107-50	SEMI-GLOSS ENAMEL	ACCENTS	
P-4	PAINT	BENJAMIN MOORE	TBD	ANTELOPE CANYON	SEMI-GLOSS ENAMEL	BRACKETS	
P-5	PAINT	TBD	TBD	TBD	SEMI-GLOSS ENAMEL	-	
P-6	PAINT	TBD	TBD	TBD	SEMI-GLOSS ENAMEL	-	
P-7	PAINT	TBD	TBD	TBD	SEMI-GLOSS ENAMEL	-	
ST-1	STUCCO	TBD	TBD	-	TO MATCH EXISTING	FACADE	
							APPLY AS NOTED ON ELEVATIONS
MISCELLANEOUS FINISHES							
COP-1	COPING & BUILT IN GUTTER	TBD	TO MATCH RESTORED ICE CASINO	TBD	TBD	ROOF PARAPET	
TR	SADDLE	TBD	TBD	TBD	BRUSHED ALUM.	FLOORS	NEW ALUMINUM COPING (TO MATCH RESTORED ICE CASINO)
M-ROOF	STANDING SEAM ROOF	TBD	TO MATCH RESTORED ICE CASINO	TO MATCH RESTORED ICE CASINO	TO MATCH ICE CASINO	TOWER & GIFT SHOP ROOF	PREP AND PRIME WITH METAL PRIMER. FOR DETAIL REFER TO 4/AM-A-61.
RAILING-1	RAILING	TBD	SURFACE MOUNTED	TBD	TBD	TICKET WINDOW PLATFORM	NEW ALUMINUM STANDING SEAM ROOF, BUILT IN GUTTER, & COPING (TO MATCH RESTORED ICE CASINO)
FLAG-1	FLAG POLE	TBD	SURFACE MOUNTED	TBD	TBD	ROOF	
SF-1	STOREFRONT FRAME	TBD		TBD	TBD	GIFT SHOP	
FOLD-1	FOLDING DOOR FRAME	TBD		TBD	TBD	GIFT SHOP	
DS-1	DOWNSPOUT	TBD		TBD	TBD	GIFT SHOP	
BRAC-1	CAST STONE BRACKET	TBD		TBD	TBD	GIFT SHOP	
HATCH-1	ROOF HATCH/ RAILING	TBD		TBD	TBD	ROOF	
CLAD-1	BRAKE METAL	TBD		TBD	TBD	GIFT SHOP	

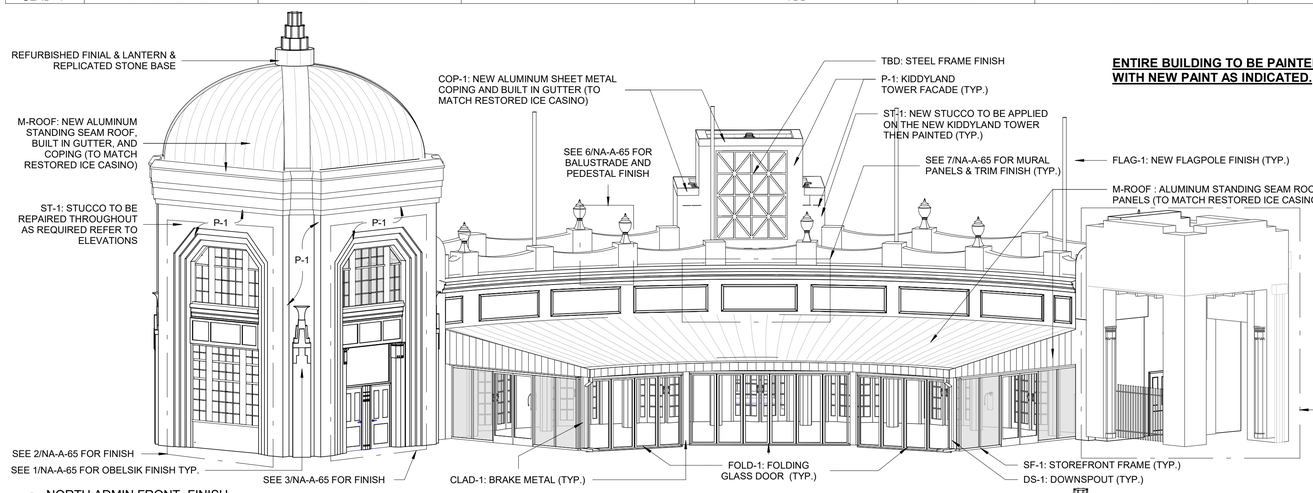


8 EXTERIOR REAR FACADE- TRIM
1/4" = 1'-0"



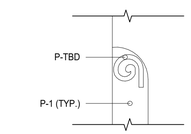
7 EXTERIOR MURAL PANELS & TRIM PAINTING DETAIL
1/4" = 1'-0"

ALL FINISHES TO BE APPROVED BY ARCHITECT

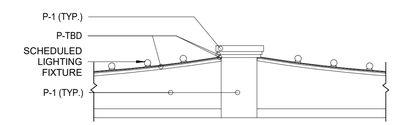


4 NORTH ADMIN FRONT- FINISH

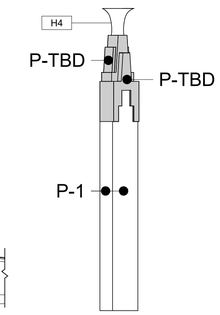
ENTIRE BUILDING TO BE PAINTED ENTIRELY WITH NEW PAINT AS INDICATED.



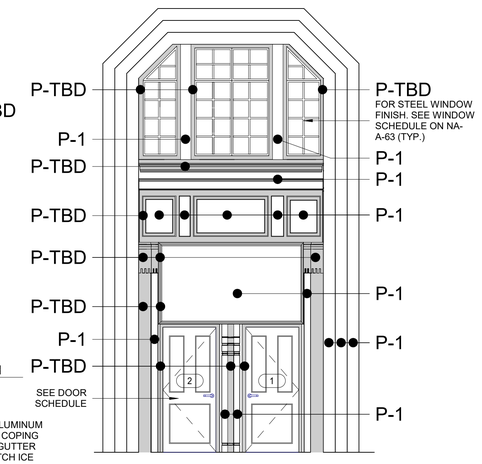
11 DOMED TOWER SIDE COMPONENT
1/4" = 1'-0"



6 BALUSTRADE & PEDESTAL PAINTING DETAIL
1/2" = 1'-0"

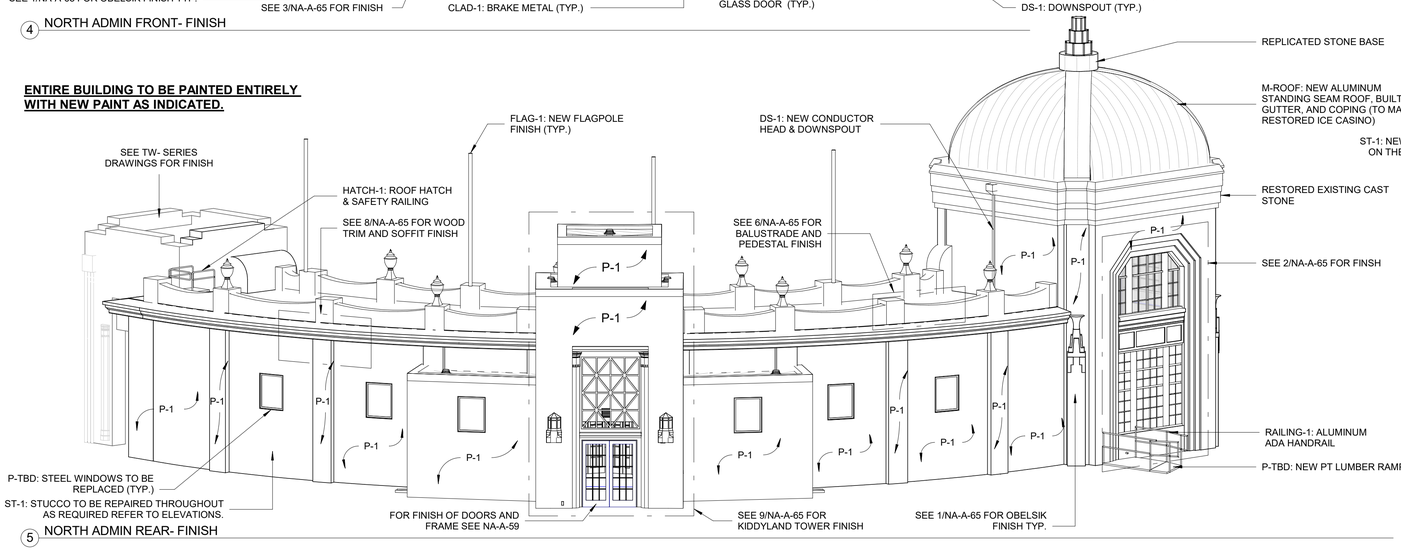


1 TYPICAL OBELISK FINISH
1/4" = 1'-0"

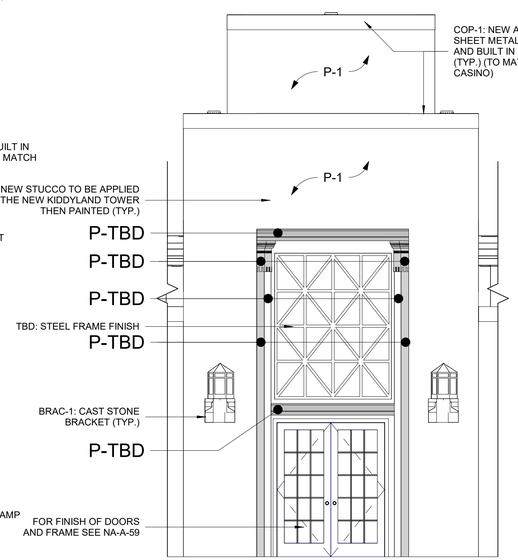


3 NORTH ADMIN TYPICAL ENTRY ELEVATION FINISH
1/4" = 1'-0"

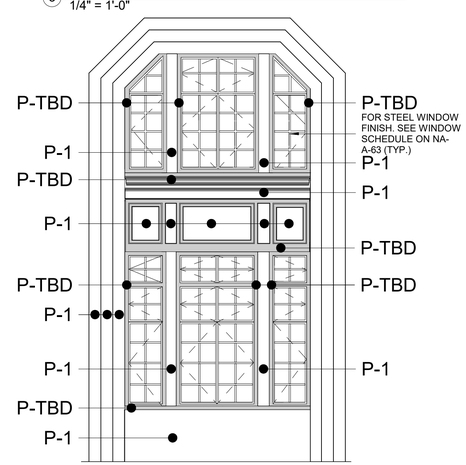
ENTIRE BUILDING TO BE PAINTED ENTIRELY WITH NEW PAINT AS INDICATED.



5 NORTH ADMIN REAR- FINISH



9 KIDDYLAND TOWER ENTRY ELEVATION FINISH
1/4" = 1'-0"



2 NORTH ADMIN TYPICAL WINDOW ELEVATION FINISH
1/4" = 1'-0"

10/15/2020 5:31:43 PM

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INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
EXTERIOR BUILDING FINISH SCHEDULE

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-A-65

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SCALE: **As indicated**
DATE: **09/16/2020**
DPW FILE NUMBER **1-118-A-97** REV. NO. 0

STRUCTURAL NOTES

GENERAL

G-1 THESE NOTES ARE GENERAL AND SUPPLEMENTAL TO THE SPECIFICATIONS. THESE NOTES APPLY TO THE ENTIRE PROJECT UNLESS MODIFIED OR NOTED OTHERWISE IN THE CONTRACT DOCUMENTS.

G-2 STANDARD DETAILS, SHOWN ON DRAWINGS NA-S-12 THRU NA-S-14 SHALL BE USED WHEN REFERRED TO OR WHEN NO MORE RESTRICTIVE OR DIFFERENT DETAILS ARE SHOWN ON THE DRAWINGS.

G-3 DESIGN WAS IN ACCORDANCE WITH AND CONSTRUCTION SHALL COMPLY WITH THE PROVISIONS OF THE NEW YORK STATE BUILDING CODE (NYSBC). THE DESIGN LOADS AND OTHER DESIGN VALUES GIVEN BELOW WERE USED FOR DESIGN OF STRUCTURES UON ON THE DRAWINGS.

G-4 DESIGN LOADS FOR NEW ELEMENTS:
LIVE LOADS:
NORTH ADMINISTRATION BUILDING:
ALL FLOORS U.O.N.: 100 PSF
ROOF.: 30 PS
SNOW LOADS:
GROUND SNOW LOAD, Pg = 30 PSF
SNOW EXPOSURE FACTOR, Ce = 0.9
SNOW LOAD IMPORTANCE FACTOR, I = 1.1
THERMAL FACTOR, Ct = 1.0

WIND DESIGN:
BASIC WIND SPEED, V = 120 MPH
BUILDING CATEGORY II
WIND EXPOSURE CATEGORY D
INTERNAL PRESSURE COEFFICIENT, GCpi = ±0.18

SEISMIC DESIGN:
SPECTRAL RESPONSE COEFFICIENTS:
SDS = .434
SD1 = .165
SITE CLASS E
SEISMIC DESIGN CATEGORY C
SEISMIC IMPORTANCE FACTOR I = 1.0
BASIC SEISMIC FORCE RESISTING SYSTEM IS AS SHOWN ON DRAWINGS
DESIGN BASE SHEAR, V = AS SHOWN ON DRAWINGS
ANALYSIS PROCEDURE IS EQUIVALENT LATERAL FORCE METHOD, UON.
RESPONSE MODIFICATION FACTOR, R:
NORTH ADMINISTRATION BUILDING: R = 7

LOADS INDICATED ABOVE REFLECT DESIGN LOADS FOR ANY NEW OR REHABILITATED STRUCTURAL ELEMENTS. THEY SHOULD NOT BE TAKEN AS DESIGN LOADS FOR THE STRUCTURE AS A WHOLE.

G-5 ALL DIMENSIONS INDICATED (*) ARE TO BE VERIFIED EITHER BY FIELD MEASUREMENTS FOR EXISTING STRUCTURES OR BY SHOP DRAWINGS FOR EQUIPMENT FURNISHED. STRUCTURAL DIMENSIONS NOT SHOWN BUT CONTROLLED BY OR RELATED TO EQUIPMENT SHALL BE VERIFIED BY THE CONTRACTOR WITH THE MANUFACTURER PRIOR TO CONSTRUCTION.

G-6 STRUCTURAL DRAWINGS SHALL BE USED IN COORDINATION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND MANUFACTURER'S SHOP DRAWINGS.

G-7 IF A CONFLICT IS FOUND BETWEEN DIFFERENT PORTIONS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. CONTINUED CONSTRUCTION OF THE AREA IN CONFLICT SHALL BE AT THE CONTRACTOR'S OWN RISK UNTIL THE CONFLICT IS RESOLVED BY THE ENGINEER.

G-8 WHENEVER ONE MEMBER IS FASTENED TO ANOTHER WITH FASTENINGS (BOLTS, WELDS, ETC.) SET AT A UNIFORM SPACING, THERE SHALL BE A MINIMUM OF TWO FASTENINGS PER PIECE CONNECTED AND THE FIRST AND LAST FASTENINGS SHALL BE LOCATED NOT TO EXCEED 0.25 OF FASTENER SPACING FROM EACH END.

G-9 STRUCTURES HAVE BEEN DESIGNED FOR OPERATIONAL LOADS ON THE COMPLETED STRUCTURE. DURING CONSTRUCTION, THE STRUCTURES SHALL BE PROTECTED BY BRACING AND TEMPORARY SUPPORTS WHEREVER EXCESSIVE CONSTRUCTION LOADS MAY OCCUR. OVERSTRESSING OF ANY STRUCTURAL ELEMENT IS PROHIBITED.

G-10 NO BACKFILL SHALL BE PLACED AGAINST ANY WALL UNLESS ALL SUPPORTING ELEMENTS OF THE STRUCTURE HAVE BEEN CONSTRUCTED AND HAVE REACHED THE SPECIFIED MINIMUM CONCRETE STRENGTH.

G-11 THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING INFORMATION IN THE FIELD AS REQUIRED FOR NEW WORK.

FOUNDATIONS

F-1 DESIGN ASSUMPTIONS:
A) ALLOWABLE BEARING PRESSURE: 1. SOUND ROCK – 8 TSF, 2. OVERBURDEN – 1 TSF.
B) GROUNDWATER: EXISTING GROUNDWATER ELEVATIONS VARY ACROSS SITE.

F-2 GRAVITY UNDER DRAINS SHALL BE PROVIDED TO PERMANENTLY LOWER GROUNDWATER.

F-3 CONCRETE GENERAL NOTES APPLY TO FOUNDATIONS.

F-4 MINIMUM DEPTH FROM ADJACENT FINISHED GRADE TO BOTTOM OF FOUNDATION, 3'-6"

F-5 FOUNDATIONS BEARING ON ROCK SHALL BE CONSTRUCTED SUCH THAT ROCK SURFACE IS LEVEL, UNLESS APPROVED BY ENGINEER.

F-6 COMPACTED SELECT GRANULAR FILL 12 INCHES THICK MINIMUM, SHALL BE PLACED BELOW ALL CONCRETE FOUNDATIONS UNLESS DIRECTLY BEARING ON SOUND ROCK.

STRUCTURAL METALS

S-1 DETAIL, FABRICATE, AND ERECT STRUCTURAL STEEL IN ACCORDANCE WITH AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, ALLOWABLE STRESS DESIGN AND LRFD DESIGN (LRFD MANUAL OF STEEL CONSTRUCTION, CURRENT EDITION).

S-2 STEEL MATERIAL:
A) STRUCTURAL TUBING, ASTM A 500, GRADE B.
B) STRUCTURAL PIPE, ASTM A 53, GRADE B.
C) PLATES AND ANGLES, ASTM A 36 UNO.
D) STRUCTURAL W SHAPES, ASTM A 992 (MIN. YIELD STRENGTH OF 50 KSI).
E) STRUCTURAL S, M, & H SHAPES ASTM A572 GRADE 50.

S-3 PROVIDE MIN 3/4" DIAMETER ASTM A 325 HIGH STRENGTH BOLTS WITH FULLY TIGHTENED TYPE N CONNECTIONS FOR STRUCTURAL STEEL UON.

S-4 PROVIDE TYPICAL STEEL BEAM CONNECTIONS FOR A CAPACITY NOT LESS THAN THE TOTAL UNIFORM LOAD CAPACITY TABULATED IN THE AISC TABLES FOR ALLOWABLE LOADS OF BEAMS UNLESS NOTED OTHERWISE.

S-5 CAST IN PLACE ANCHOR BOLTS FOR STRUCTURAL STEEL SHALL CONFORM TO ASTM A307 UON.

S-6 DO NOT PAINT STEEL SURFACES WHICH ARE TO BE WELDED OR ARE TO BE ENCASED IN CONCRETE.

S-7 STAINLESS STEEL SHALL BE TYPE 316 FOR BOLTED CONSTRUCTIONS AND 316L FOR WELDED CONSTRUCTIONS.

S-8 ALUMINUM SHALL BE ALLOY 6061-T6.

S-9 ALL GROOVE AND BUTT WELDS SHALL BE FULL PENETRATION.

S-10 FILLET WELD SIZES SHALL BE THE MINIMUM SIZE REQUIRED BY AISC CODE FOR PLATE SIZES TO BE CONNECTED AND SHALL BE APPLIED TO THE ENTIRE JOINT CONTACT LENGTH, BUT NOT LESS THAN 3/16".

S-11 DETAIL, FABRICATE, AND ERECT ALUMINUM IN ACCORDANCE WITH THE ALUMINUM ASSOCIATION CONSTRUCTION MANUAL CURRENT EDITION.

S-12 ALL BOLTS, ANCHOR BOLTS, AND CONCRETE ANCHORS CONNECTING ALUMINUM SHALL BE TYPE 316 STAINLESS STEEL UON.

S-13 ALUMINUM SHALL BE ISOLATED FROM CONTACT WITH CONCRETE OR DISSIMILAR METALS.

EXCAVATION

E-1 CONTRACTOR SHALL PERFORM ALL EXCAVATION IN ACCORDANCE WITH STATE, LOCAL AND FEDERAL REQUIREMENTS INCLUDING OSHA BRACING AND EXCAVATION REQUIREMENTS.

E-2 TEMPORARY SHEETING AND BRACING IS NOT SHOWN ON CONTRACT DRAWINGS. ALL EXCAVATIONS WITH A POTENTIAL FOR CAVE-IN SHALL BE PROVIDED WITH EXCAVATION PROTECTION SYSTEMS IN ACCORDANCE WITH OSHA 1926. SLOPING AND BENCHING WHICH WILL ENCROACH ON AREAS SLATED TO REMAIN ACCESSIBLE OR THAT MAY ENCROACH ON EXISTING FOOTINGS AND STRUCTURES SHALL NOT BE PERMITTED.

E-3 CONTRACTOR SHALL ENGAGE THE SERVICES OF A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK TO DESIGN ALL TEMPORARY SHEETING AND BRACING AND RELATED APPURTENANCES. CONTRACTOR TO SUBMIT SUCH PLANS TO ENGINEER FOR INFORMATION.

E-4 CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING OF OPEN EXCAVATIONS.

E-5 ALL EXCAVATED MATERIALS SHALL BE REMOVED FROM SITE TO A FACILITY AS REQUIRED BY STATE, LOCAL FEDERAL LAW.

MASONRY

M-1 CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90. THE TOTAL MASONRY ASSEMBLAGE SHALL HAVE A COMPRESSIVE STRENGTH EQUAL TO 1500 PSI AT 28 DAYS.

M-2 MASONRY MORTAR SHALL CONFORM TO ASTM C270, TYPE S.

M-3 ALL BOND BEAMS AND ANY BLOCK CELLS CONTAINING EMBEDMENTS, REINFORCING STEEL, ANCHORS, ETC., SHALL BE FILLED WITH GROUT FILL MEETING THE REQUIREMENTS OF ASTM C476.

M-4 BOND BEAM REINF. SHALL BE CONTINUOUS AT CORNERS AND INTERSECTIONS.

TIMBER

T-1 ALL WOOD FRAMING MEMBERS INCLUDING, BUT NOT LIMITED TO, WALL STUDS AND JOISTS, ARE INTENDED TO ACT AS A SYSTEM AS DETAILED IN THE STRUCTURAL DRAWINGS AND ONCE CONSTRUCTION IS COMPLETE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE SAFETY AND STABILITY OF WOOD FRAMING SYSTEMS (I.E. TEMPORARY BRACING IF REQUIRED) DURING CONSRTUCTION AS A RESULT OF CONSTRUCTION METHODS AND SEQUENCES.

T-2 ALL TIMBER BELOW FLOOR DECKING SHALL BE PRESSURE-TREATED SOUTHERN PINE LUMBER.

T-3 STORAGE OF ALL LUMBER AND TIMBER ON SITE SHALL BE KEPT OFF GROUND, UNDER COVER AND PROTECTED FROM DAMAGE.

T-4 ALL DIMENSIONAL LUMBER SHALL BE CERTIFIED BY THE SUPPLIER IN WRITING TO BE KILN DRIED.

T-5 STRUCTURE SHALL NOT BE ENCLOSED UNLESS LUMBER MOISTURE CONTENT HAS BEEN VERIFIED TO BE AT OR BELOW 15%. ANY SIGNS OF MOLD SHALL BE REMOVED AND TREATED IN ACCORDANCE WITH PROJECT SPECIFICATIONS OR INDUSTRY STANDARDS.

T-6 ALL LUMBER IN CONTACT WITH THE GROUND OR CONCRETE SHALL BE PRESSURE TREATED.

T-7 FASTENERS FOR PRESERVATIVE TREATED AND FIRE RETARDANT TREATED WOOD SHALL BE OF HOT DIPPED ZINC COATED GALVANIZED STEEL OR STAINLESS STEEL AND SHALL FOLLOW CURRENT SIMPSON GUIDELINES BASED ON WEATHER EXPOSURE. WHERE STAINLESS STEEL CONNECTORS OR HOT DIPPED GALVANIZED CONNECTORS ARE SPECIFIED IN THE DRAWINGS, STAINLESS STEEL OR HOT DIPPED GALVANIZED FASTENERS SHALL BE USED TO MATCH CONNECTOR TYPE.

T-8 ALL PLATES AND LEDGERS SHALL BE FASTENED WITH A MINIMUM (3) ANCHORS PER PIECE UNLESS NOTED OTHERWISE.

T-9 ALL METAL HARDWARE AND FRAMING ACCESSORIES SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY. ALL ITEMS SHALL BE INSTALLED PER THE SIMPSON'S INSTALLATION REQUIREMENTS. ALL NAIL HOLES SHALL BE FILLED WITH THE RECOMMENDED FASTENER UNLESS NOTED OTHERWISE ON THE DRAWING.

T-10 HOLES FOR BOLTS SHALL BE DRILLED WITH A BIT OF THE SAME NOMIMAL DIAMETER AS THE BOLT + 1/16". LEAD HOLES FOR LAG SCREWS SHALL BE BORED PER NDS 11.1.3.

T-11 ALL BOLTS, CARRIAGE BOLTS, LAG SCREWS, EXPANSION BOLTS AND EPOXY BOLTS SHALL BE INSTALLED WITH STANDARD CUT WASHERS UNDER THE BOLT HEAD AND NUTS THAT BEAR DIRECTLY ON THE WOOD. ALL NUTS SHALL BE TIGHTENED AT THE TIME OF INSTALLATION AND RE-TIGHTENED IF NECESSARY, DUE TO WOOD SHRINKAGE, PRIOR TO CLOSE OUT OR COMPLETION OF THE PROJECT. BOLTS AND LAG SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1. WOOD SCREWS SHALL CONFORM TO B18.6.1. ALL BOLTS SHALL CONFORM TO ASTM A307 GRADE A UNLESS NOTED OTHERWISE.

T-12 CUTTING AND NOTCHING OF SAWN LUMBER RAFTERS AND STUDS SHALL BE IN CONFORMANCE WITH THE FOLLOWING CRITERIA:

A. JOISTS NOTCHES AT THE ENDS OF JOISTS SHALL NOT EXCEED 1/5 OF THE JOIST DEPTH. HOLES IN JOISTS SHALL NOT BE WITHIN 2½ INCHES OF THE TOP OR BOTTOM OF THE JOIST, AND THE DIAMETER OF ANY SUCH HOLE SHALL NOT EXCEED 1/4 THE DEPTH OF THE JOIST. NOTCHES IN THE TOP OR BOTTOM OF THE JOISTS SHALL NOT EXCEED 1/6 THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE OF THE THIRD SPAN.

B. RAFTERS NOTCHES AT THE ENDS OF RAFTERS OR CEILING JOISTS SHALL NOT EXCEED 1/5 OF THE DEPTH. NOTCHES IN THE TOP OR BOTTOM OF THE RAFTER OR CEILING JOIST SHALL NOT EXCEED 1/6 THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE 1/3 OF THE SPAN. EXCEPT THAT A NOTCH NOT EXCEEDING 1/3 OF THE DEPTH IS PERMITTED IN THE TOP OF THE RAFTERS OR CEILING JOIST NOT FURTHER FROM THE FACE OF THE SUPPORT THAN THE DEPTH OF THE MEMBER. HOLES BORED IN RAFTERS OR CEILING JOISTS SHALL NOT BE WITHIN 2½" INCHES OF THE TOP AND BOTTOM AND THEIR DIAMETER SHALL NOT EXCEED 1/4 THE DEPTH OF THE MEMBER.

C. WALL STUDS A MAXIMUM OF 2¼" DIAMETER NEATLY BORED HOLE MAY BE PLACED IN THE CENTER OF ALL BEARING 2x6 STUDS WITH NO ADDITIONAL REINFORCEMENT REQUIRED.

SPECIAL INSTRUCTIONS

S-1 SPECIAL INSPECTION SHALL COMPLY WITH SPECIFICATIONS.

S-2 SPECIAL INSPECTION WILL BE PERFORMED IN ACCORDANCE WITH CHAPTER 17 OF THE NYS BUILDING CODE.

S-3 SPECIAL INSPECTION WILL BE PERFORMED ON THE FOLLOWING STRUCTURAL SYSTEMS:

A) STRUCTURAL WELDING INCLUDING FIELD WELDING OF REINFORCING STEEL.

B) WOOD CONSTRUCTION (BC 1704.B).

C) CAST-IN-PLACE CONCRETE STRUCTURE.

D) CONCRETE MASONRY CONSTRUCTION.

E) CONTROLLED FILL AND SUBGRADE.

F) HIGH STRENGTH SLIP-CRITICAL BOLTED STEEL CONNECTIONS.

G) STRUCTURAL STEEL.

DEMOLITION

LEGEND

EXISTING REINFORCED CONCRETE WALL OR STRUCTURE TO BE DEMOLISHED

SAW CUT LINE – FULL DEPTH UNLESS NOTED OTHERWISE

D-1 CONTRACTOR IS ALERTED THAT LIMITS OF DEMOLITION SHOWN IS APPROXIMATE. ACTUAL LIMITS SHALL BETHE MINIMUM REQUIRED FOR NEW STRUCTURE. CONTRACTOR TO CO-ORDINATE AND SUBMIT DEMOLITION PROCEDURE PER SPECIFICATIONS.

D-2 ALL ITEMS SHOWN ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.

D-3 FOR ADDITIONAL DEMOLITION REQUIREMENTS SEE SPECIFICATIONS (024116).

D-4 ALL EXISTING CONCRETE TO BE DEMOLISHED IS STEEL REINFORCED UNLESS NOTED OTHERWISE. REINFORCING STEEL NOT SHOWN FOR CLARITY.

D-5 FOR ADDITIONAL DEMOLITION NOT SHOWN, SEE G, A, M, E, H, AND P DRAWINGS.

PILE NOTES

P-1 PILES SHALL BE DESIGNED AND INSTALLED BY A QUALIFIED PILE CONTRACTOR IN ACCORDANCE WITH THE BORED-IN PILE SPECIFICATIONS AND SUBJECT TO THE REQUIREMENTS LISTED HEREIN.

P-2 THE CONTRACTOR SHALL ENGAGE A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK TO DESIGN PILE AND SUBMIT THE DESIGN TO THE ENGINEER FOR APPROVAL.

P-3 THE BORED-IN PILE SHALL BE 10 INCHES IN DIAMETER AND DESIGNED AND INSTALLED FOR ULTIMATE LOAD IN COMPRESSION = 60 TONS ALLOWABLE LOAD IN COMPRESSION = 30 TONS.

P-4 ALL BORED-IN PILES SHALL BE GROUTED WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.

P-5 ALL BORED-IN PILES SHALL HAVE FULL LENGTH 1-1/4" ø THREADBARS. THE THREADBARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A722, GRADE 150 AS MANUFACTURED BY DYWIDAG OR APPROVED EQUAL, UNLESS NOTED OTHERWISE. PROVIDE BEARING PLATES AND NUTS IN ACCORDANCE WITH THE THREADBAR MANUFACTURER'S RECOMMENDATIONS.

P-6 PROVIDE CENTRALIZERS FOR THREADBARS AT 10 FEET MAXIMUM VERTICAL SPACING.

P-7 CUT OFF THE ELEVATIONS OF THE BORED-IN PILES AS SHOWN ON DRAWINGS.

P-8 ALL BORED-IN PILES SHALL BE INSTALLED WITH A MAXIMUM LATERAL TOLERANCE OF THREE INCHES.

P-9 DRILLING OPERATION SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER.

P-10 ONE (1) STATIC AXIAL COMPRESSION LOAD TEST WILL BE REQUIRED.

P-11 THE INSTALLATION METHOD USED FOR THE SUCCESSFUL COMPLETION OF LOAD TESTING SHALL BE USED FOR ALL THE PRODUCTION PILES.

P-12 THE CONTRACTOR SHALL SUBMIT A STATIC AXIAL LOAD TESTING PROGRAM CONSISTING OF ONE (1) COMPRESSION TEST AND ONE (1) TENSION TEST SHOWING PROPOSED PILE LOAD TEST LOCATIONS FOR APPROVAL OF THE ENGINEER.

P-13 COMPRESSION LOAD TESTING SHALL CONFORM TO ASTM D1143 AND THE PROJECT SPECIFICATIONS. UPLIFT LOAD TESTING SHALL CONFORM TO THE PROJECT SPECIFICATIONS AND ASTM D3689.

P-14 A MINIMUM PERIOD OF TWO (2) WEEKS SHALL ELAPSE FROM THE INSTALLATION OF THE TEST PILE TO THE COMMENCEMENT OF THE LOAD TEST.

P-15 TWO (2) TELLTALE RODS SHALL BE INSTALLED IN THE LOAD TEST PILE. THE BOTTOM END OF ONE TELLTALE ROD SHALL BE AT THE BOTTOM OF THE TEST PILE, AND THE BOTTOM END OF THE OTHER ROD SHALL BE TERMINATED MIDWAY BETWEEN PILE CUT-OFF AND PILE TIP. THE TELLTALE SHALL CONSIST OF A STEEL SOUNDING ROD EXTENDED TO AN ELEVATION DESIGNATED BY THE ENGINEER. THE TELLTALES SHALL BE PROTECTED BY A STEEL TUBE EMBEDDED IN GROUT. THE TELLTALE SHALL BE CENTERED IN THE TUBE IN A MANNER TO AVOID FRICTION BETWEEN THE TELLTALE AND THE TUBE.

P-16 THE LOADING PROCEDURE FOR STATIC AXIAL COMPRESSION TEST SHALL BE IN ACCORDANCE WITH NEW YORK STATE BUILDING CODE.

P-17 MEASUREMENTS OF MOVEMENT OF THE PILE BUTT, TELLTALES, REFERENCE BEAMS, ETC. SHALL BE TAKEN BY LICENSED SURVEYOR (REGISTERED IN THE STATE OF NEW YORK) ENGAGED BY THE OWNER.

P-18 MONITORING OF LOAD TEST SHALL BE PERFORMED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK AND HIRED BY THE OWNER.

P-19 THE DIAL GAUGES FOR MONITORING THE MOVEMENT OF THE PILE SHALL HAVE A MINIMUM TRAVEL OF THREE (3) INCHES AND SHALL BE AT LEAST THREE (3) INCHES IN DIAMETER.

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
STRUCTURAL NOTES

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STRUCTURAL ABBREVIATIONS

AB	ANCHOR BOLT
ADDL	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJUSTABLE/ADJACENT
AFF	ABOVE FINISHED FLOOR
AGG	AGGREGATE
AL	ALUMINUM
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
AVG	AVERAGE
B	BORING
BLDG	BUILDING
BM	BEAM/BENCH MARK
BOF	BOTTOM OF FOOTING
BOS	BOTTOM OF STEEL
BOT	BOTTOM
BRG	BEARING
BT	BOLT
C	CHANNEL
C TO C	CENTER TO CENTER
CANT	CANTILEVER
CJ	CONSTRUCTION JOINT
CL	CENTER LINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CP	CONCRETE PLANK
CLJ	CONTROL JOINT
CTR	CENTER
CY	CUBIC YARD
DET	DETAIL
DIA (ø)	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DIST	DISTANCE
DN	DOWN
DO	DITTO
DP	DEEP
DWG	DRAWING
DWL	DOWEL
E	EAST
EA	EACH
EF	EACH FACE
EL	ELEVATION
ELEV	ELEVATOR
ENGR	ENGINEER
EMB	EMBEDMENT
ENCL	ENCLOSURE
ENT	ENTRANCE
EQ	EQUAL
EQPT	EQUIPMENT
EW	EACH WAY
EXIST	EXISTING
EXP	EXPANSION
EXP JT	EXPANSION JOINT
EXT	EXTERIOR
FAB	FABRICATE
FD	FLOOR DRAIN
FDN	FOUNDATION
FFL	FINISH FLOOR
FIN	FINISH
FLR	FLOOR
FT	FEET
FTG	FOOTING
F&C	FRAME&COVER
F&G	FRAME&GRATE

GA	GAUGE
GALV	GALVANIZE
GB	GRADE BEAM
GR	GRADE
GRTG	GRATING
HGT	HEIGHT
HORZ	HORIZONTAL
HP	HIGH POINT
HSS	HOLLOW STRUCTURAL STEEL
ID	INSIDE DIAMETER
IF	INSIDE FACE
IN	INCH
INCL	INCLUDE
INT	INTERIOR
INV	INVERT
J	JOIST
JB	JUNCTION BOX
JCT	JUNCTION
JT	JOINT
L	LENGTH/ANGLE
LF	LINEAR FEET
LG	LONG
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION
LP	LOW POINT
LVR	LOUVER
LWL	LOW WATER LEVEL
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MET	METAL
MFR	MANUFACTURER
MG	MILLION GALLONS
MGD	MILLION GALLONS PER DAY
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MOD	MODIFY/MODIFIED
MTD	MOUNTED
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OPNG	OPENING
OPP	OPPOSITE
OT	OPEN TRUSS
OVHD	OVERHEAD
PAR	PARALLEL
PC	POINT OF CURVE/PIECE
PCO	PILE CUT OFF
PI	POINT OF INTERSECTION
PL	PLATE/PROPERTY LINE
PREFAB	PREFABRICATED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PTN	PARTITION
PVMT	PAVEMENT
QTY	QUANTITY

R	RISER
RAD	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REINF	REINFORCEMENT
RECT	RECTANGULAR
REM	REMOVE
REQD	REQUIRED
RF	ROOF
RO	ROUGH OPENING
S	SOUTH
SCHED	SCHEDULE
SECT	SECTION
SF	SQUARE FEET
SHT	SHEET
SIM	SIMILAR
SJ	STEEL JOIST
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STA	STATION
STD	STANDARD
STR	STAIR
STIF	STIFFENER
STIR	STIRRUP
STL	STEEL
STRUC	STRUCTURAL
SUB	SUBSTITUTE
SYM	SYMMETRICAL
T	TREAD
T&B	TOP AND BOTTOM
T&G	TOUNGE AND GROOVE
TAN	TANGENT
TEMP	TEMPERATURE
THK	THICK
TOC	TOP OF CURB/CONCRETE
TOD	TOP OF DECK
TOF	TOP OF FOOTING
TOM	TOP OF MASONRY/MANHOLE
TOS	TOP OF SLAB/STEEL
TOW	TOP OF WALL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
W	WEST/WIDTH/WIDE FLANGE
W/	WITH
W/O	WITHOUT
WL	WATER LEVEL
WP	WATERPROOF/WALL PIPE
WPT	WALL PENETRATING TYPE
WS	WATER SURFACE
WT	WEIGHT
WWF	WELDED WIRE FABRIC
YD	YARD
YR	YEAR

SYMBOLS

- UNDISTURBED EARTH
- COMPACTED BACKFILL
- SELECT GRANULAR FILL MATERIAL
- CONCRETE BLOCK
- BRICK
- FINISHED WOOD
- CONCRETE
- ROUGH WOOD
- RIGID INSULATION
- REINFORCED STEEL IN CONCRETE
- WELDED WIRE FABRIC
- BLANKET INSULATION
- STEEL
- DENOTES MOMENT CONNECTION

CONSULTANT INFORMATION

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STATE OF NEW YORK · MICHAEL J. SAVIN · LICENSED PROFESSIONAL ENGINEER · LIC. NO. 065332

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INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
STRUCTURAL ABBREVIATIONS AND SYMBOLS

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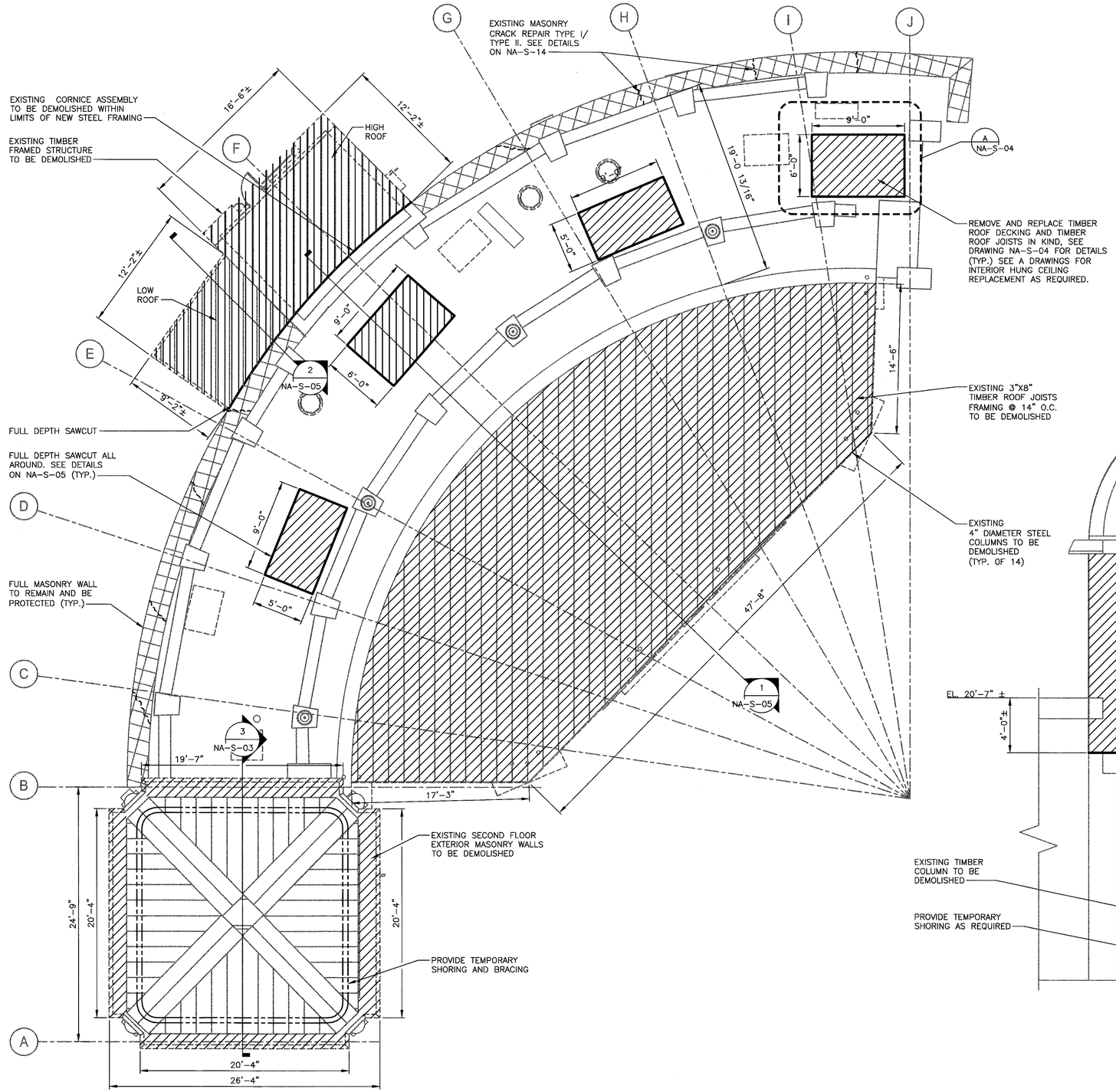
Drawing Name: G:\SavinAutocad\2060\25-Playland\CAD\S\NA_S-02.dwg
Reef: Projectname: ---- Comments: ----
Printed by: BKnittle Date: 24 September 2020 5:02 AM Designed by: ----
Xrefs: [TB_24X36_WestchesterCo_2.dwg] [TSG-SVLOGO.dwg]



NORTH ADMIN ROOF DEMOLITION PLAN

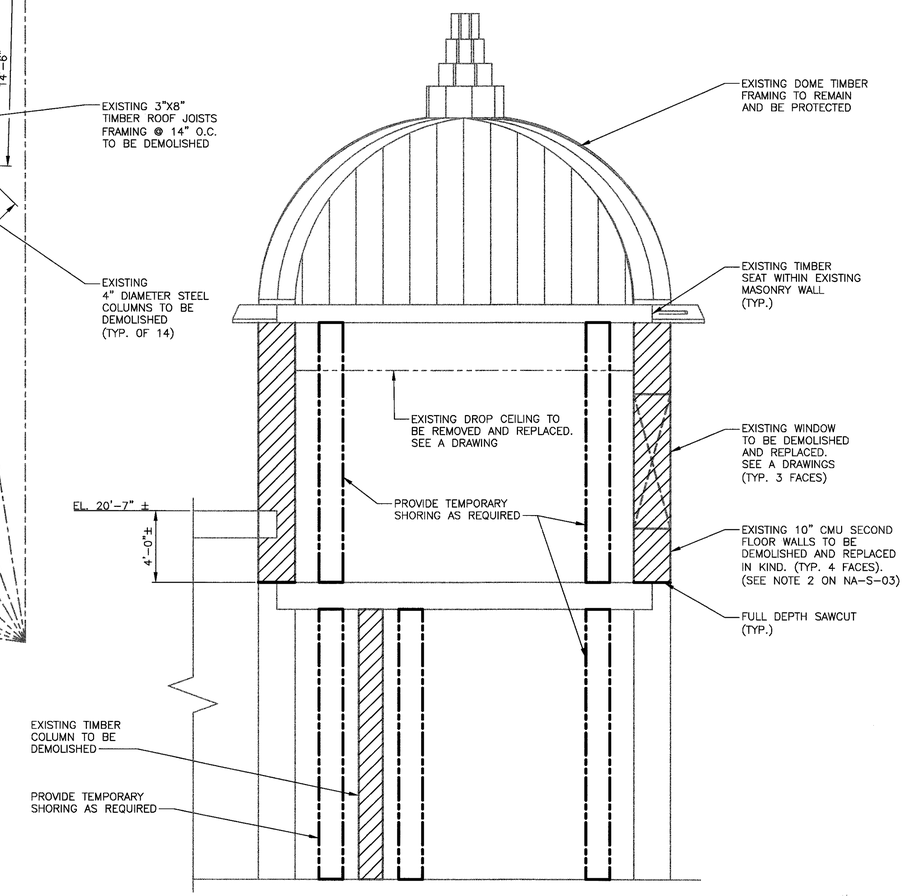
SCALE: 3/16" = 1'-0"

NOTES:

1. REHABILITATION OF THE NORTH ADMINISTRATION BUILDING INCLUDES VARIOUS ELEMENTS SLATED FOR REMOVAL AND REPLACEMENT OF DETERIORATED MEMBERS. AFTER DEMOLITION OF EXISTING ROOFING, CONTRACTOR IS TO ALERT ENGINEER 6 WEEKS PRIOR TO START OF REHABILITATION WORK TO PERFORM FIELD INSPECTION OF THE REPAIR ITEMS IDENTIFIED BELOW. UPON COMPLETION OF THE FIELD INSPECTION, THE ENGINEER WILL PROVIDE THE CONTRACTOR IN WRITING THE DEFINED LIMITS OF REPLACEMENT WORK. REHABILITATION WORK FOR VARIOUS ELEMENTS SHALL BE PERFORMED AS PER SPECIFICATIONS. FOR THE PURPOSES OF BIDDING, CONTRACTOR SHALL INCLUDE IN THEIR BID THE QUANTITIES FOR EACH ELEMENTS AS MENTIONED BELOW:

STRUCTURAL ELEMENT TO BE REPLACED	QTY	UNITS	REMARKS
3/4" THICK x 6" WIDE TIMBER ROOF DECKING	1,400	SF	
3" X 8" TIMBER ROOF JOISTS	120	LF	
CONCRETE/ MASONRY CRACK REPAIR TYPE I	250	LF	
CONCRETE/ MASONRY CRACK REPAIR TYPE II	250	LF	

2. CONTRACTOR SHALL DEMOLISH AND RE-CONSTRUCT ONE FACADE OF THE EXISTING SECOND FLOOR MASONRY WALL OF THE TOWER AT A TIME PRIOR TO ADVANCING TO THE NEXT FACADE.



3 NA-S-03 SECTION

SCALE: 1/4 = 1'-0"

0 4' 8'

SCALE: 3/16" = 1'-0"

0 4' 8'

SCALE: 1/4" = 1'-0"

Drawing Name: G:\SavinAutocad\2060\25-Playland\CAD\S\NA_S-03.dwg
Project name: Rye Playland Center - 24 Sheet Set
Printed by: ----- Comments: ----
Rev# Printed: Thursday, September 24, 2020 5:02 AM Designed by: ----
Xrefs: [TB_24X36_Westchester2_2.dwg] [TSG-S1L060.dwg] [NAS-RP0001.dwg] [NORTH_ADMIN_2020_06_04-Sheet - NA-D-01 - N-A- GROUND FLOOR DEMOLITION PLAN.dwg]

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK MOHAMMED SHAMIM No. 065394 LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR

NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR

NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
DEMOLITION - ROOF PLAN

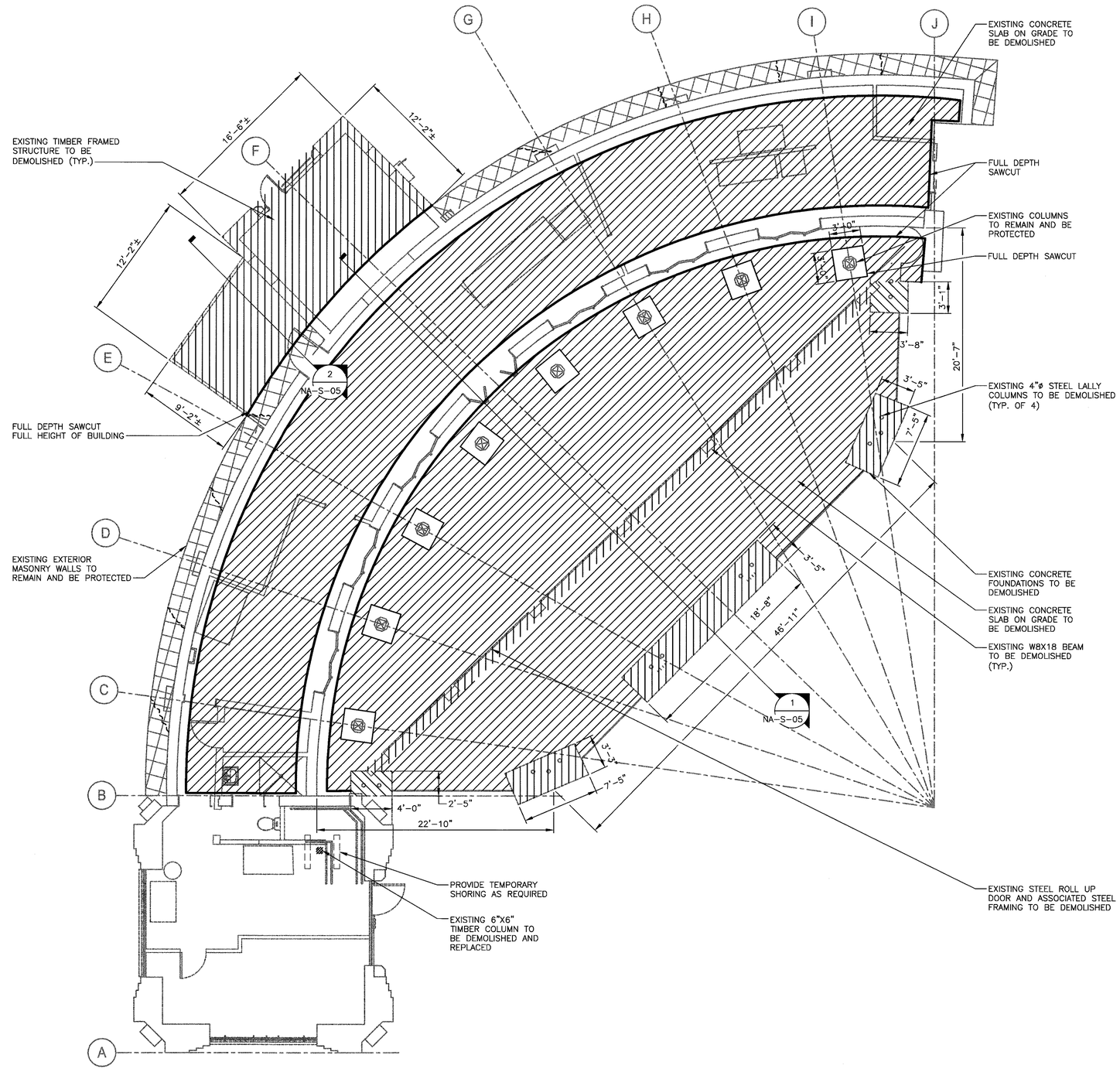
CONTRACT NUMBER	SHEET NUMBER
20-501	NA-S-03

DWG NO.: Page 100 of 387

SCALE: AS SHOWN

DATE: SEPTEMBER 2020

DPW FILE NUMBER 1-118-S-100 REV. NO. 0



NORTH ADMIN GROUND FLOOR DEMOLITION PLAN
SCALE: 3/16" = 1'-0"

0 4' 8'
SCALE: 3/16" = 1'-0"

Drawing Name: G:\SavinAutocad\2060\25-Playland\CAD\S\NA_S-04.dwg
Projections: ----
Plotted by: Bryan Porter Date: 24 September 2020 5:02 AM Designed by: ----
Xrefs: [TB_24X36_WestchesterCo_2.dwg] [TSG-SXLOGO.dwg] [NAS-GP0001.dwg]

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK
MICHAEL CHARLES SAVIN
No. 085254
LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

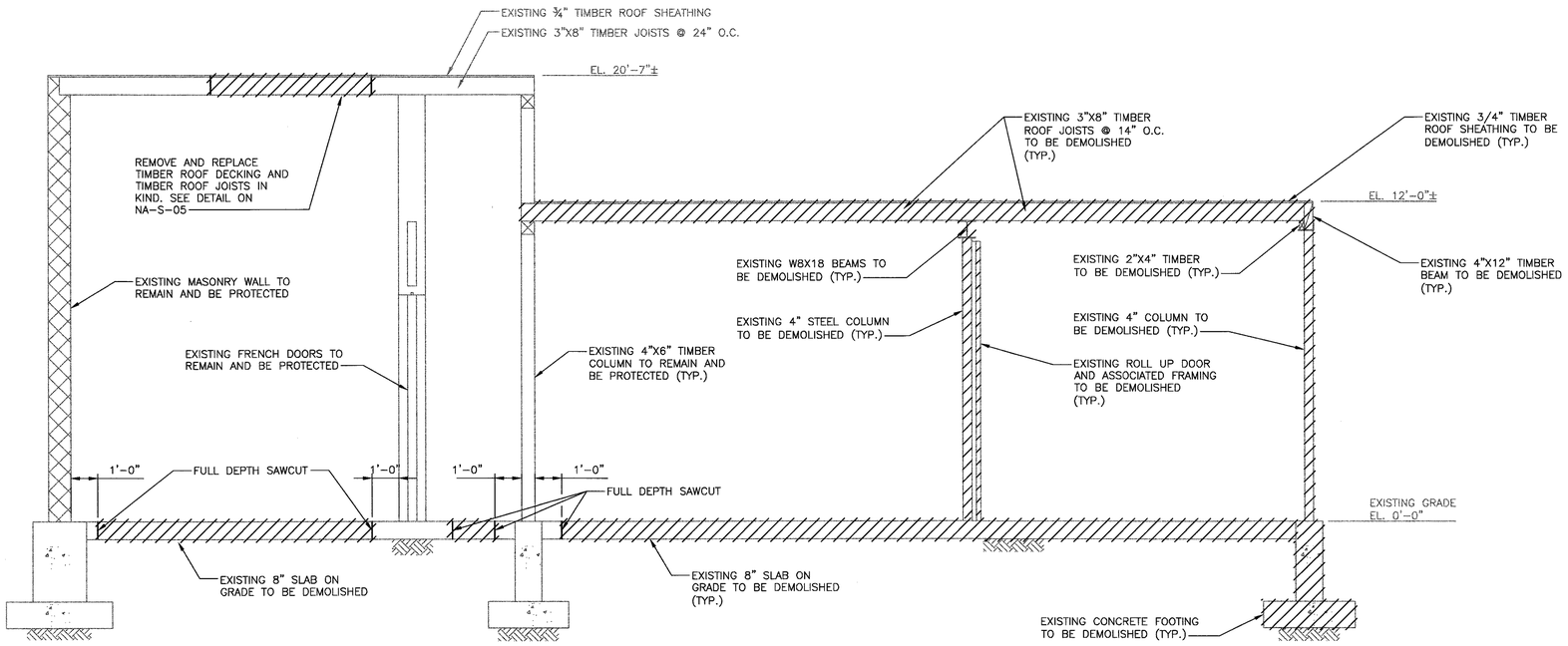
CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

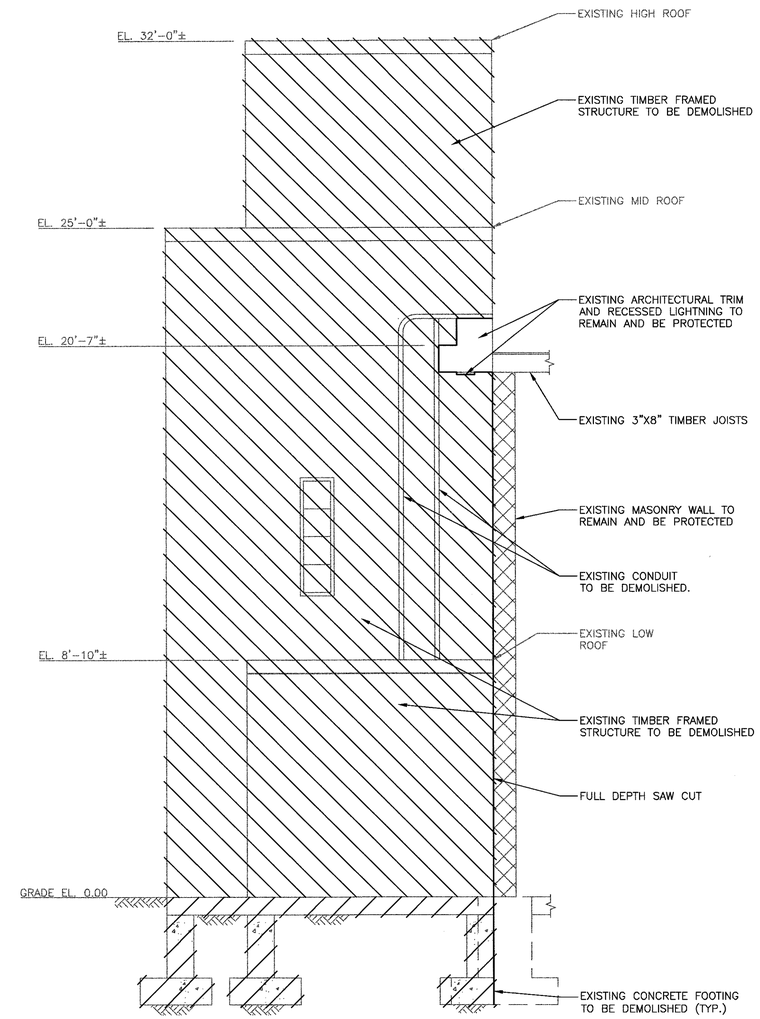
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
DEMOLITION - GROUND FLOOR PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-S-04
DWG NO.:	Page 101 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-S-101
REV. NO.	0



1 NA-S-04 SECTION N.T.S.



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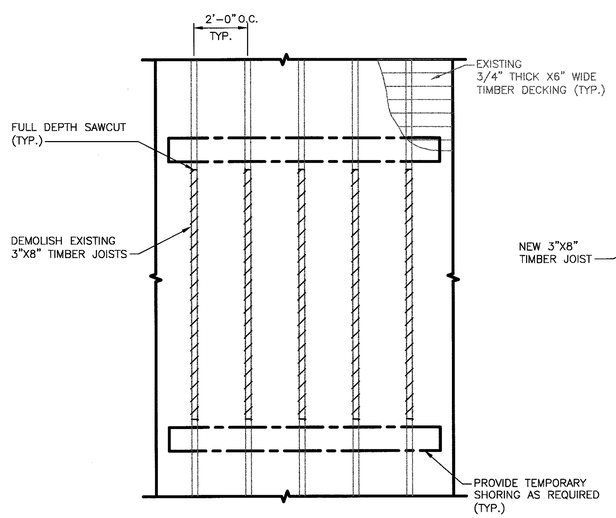
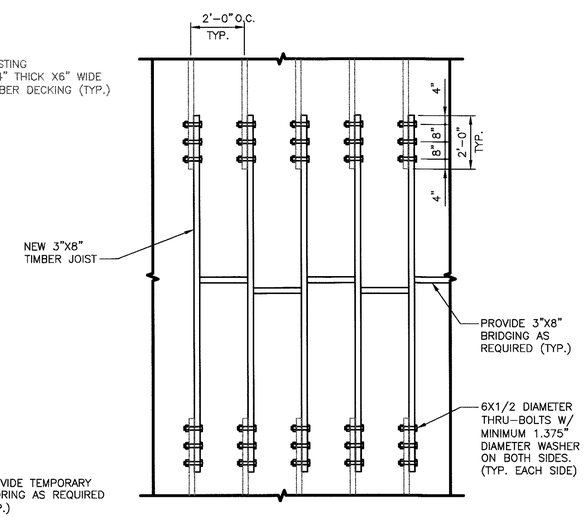


DEMOLITION
N.T.S.



PROPOSED
N.T.S.

A NA-S-03 TYPICAL TIMBER ROOF JOIST REPAIR DETAIL N.T.S.

NOTE:
ALL STEEL AND HARDWARE SHALL BE HOT-DIPPED GALVANIZED U.O.N..

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
DEMOLITION - SECTIONS AND DETAILS

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-S-05
DWG NO.:	Page 102 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-S-102
REV. NO.	0

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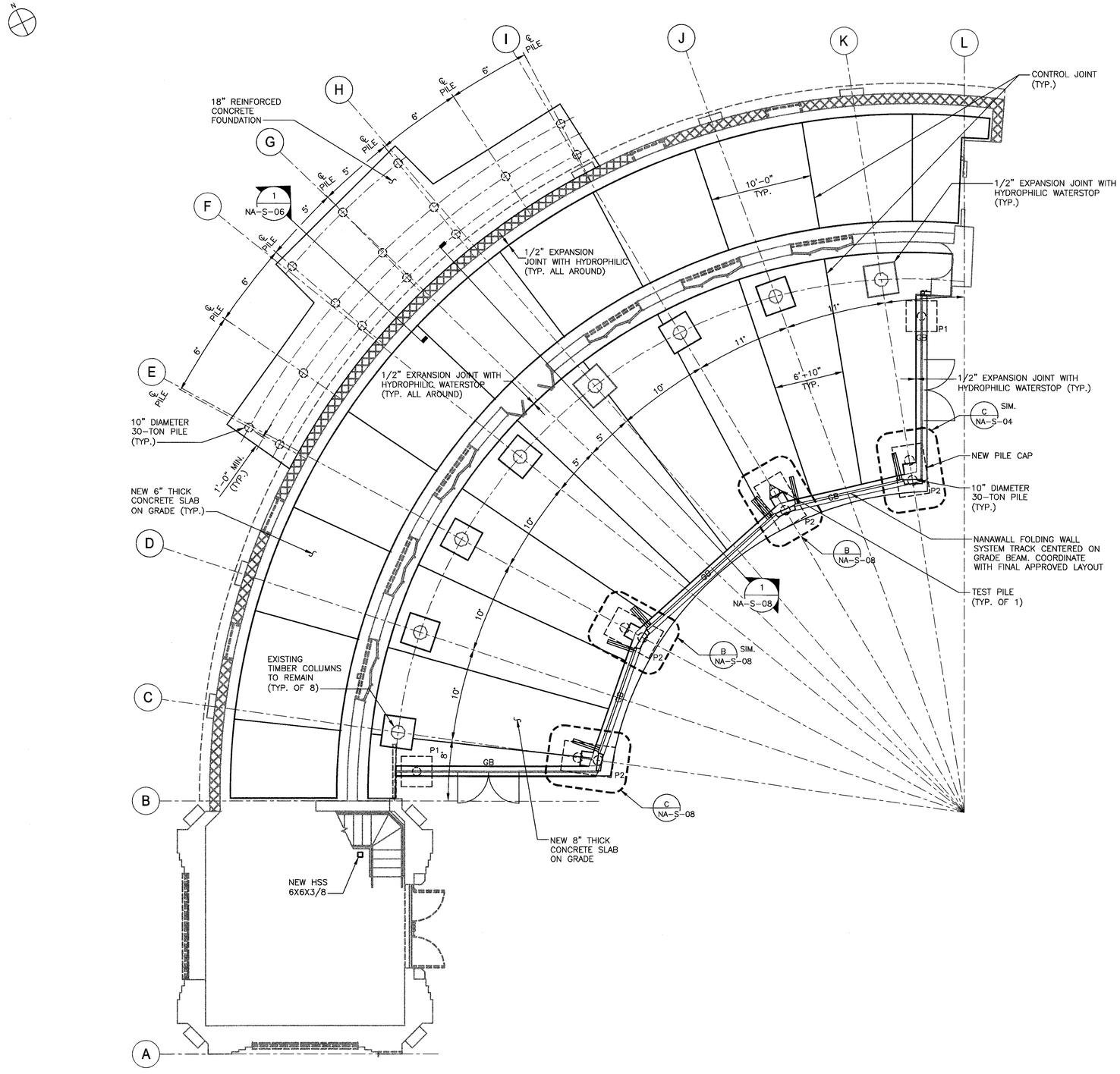
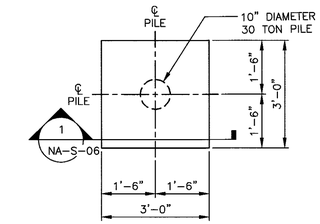
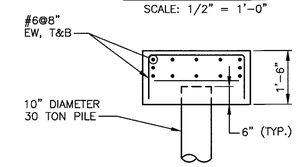
Reref:
Printed by: Kevin Walsh Date: 24 September 2020 5:03 AM Designed by: ----
Xrefs: [TB_4X36_WestchesterCo_2.dwg] [TSG-SVL060.dwg] [NAS-TRJ-DT0001.dwg] [NAS-SC0001.dwg] [NAS-SC0002.dwg]



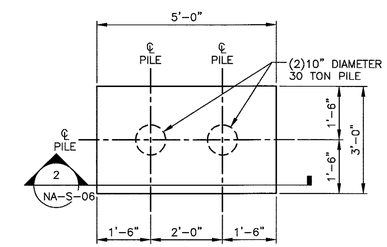
NORTH ADMIN FOUNDATION PLAN
SCALE: 3/16 = 1'-0"



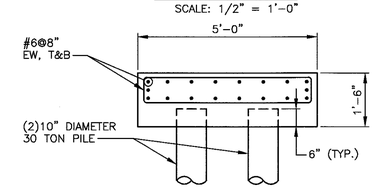
P1 – PILE CAP
SCALE: 1/2" = 1'-0"



SECTION
NA-S-06 SCALE: 1/2" = 1'-0"



P2 – PILE CAP
SCALE: 1/2" = 1'-0"



SECTION
NA-S-06 SCALE: 1/2" = 1'-0"

NOTES:

1. CONTRACTOR SHALL COORDINATE NEW CONSTRUCTION DIMENSIONS AND BUILDING GEOMETRY WITH ARCHITECTURAL DRAWING NN-A-00.
2. FOR PILE HEAD DETAILS, SEE DRAWING NA-S-13

SCALE: 1/2" = 1'-0"

SCALE: 3/16" = 1'-0"

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK · MICHAEL J. MOHNEY · No. 085354 · PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
FOUNDATION PLAN

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-S-06

DWG NO.: Page 103 of 387
SCALE: AS SHOWN
DATE: SEPTEMBER 2020
DPW FILE NUMBER: 1-118-S-103 REV. NO. 0

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Rev#:
Printed by: BKnittle Date: 24 September 2020 5:03 AM Designed by: ----
Xrefs: [TB_24X36_WestchesterCo_2.dwg] [TSG-SVL050.dwg] [NAS-NP0001.dwg] [NAS-SC00P1.dwg] [NAS-SC00P2.dwg

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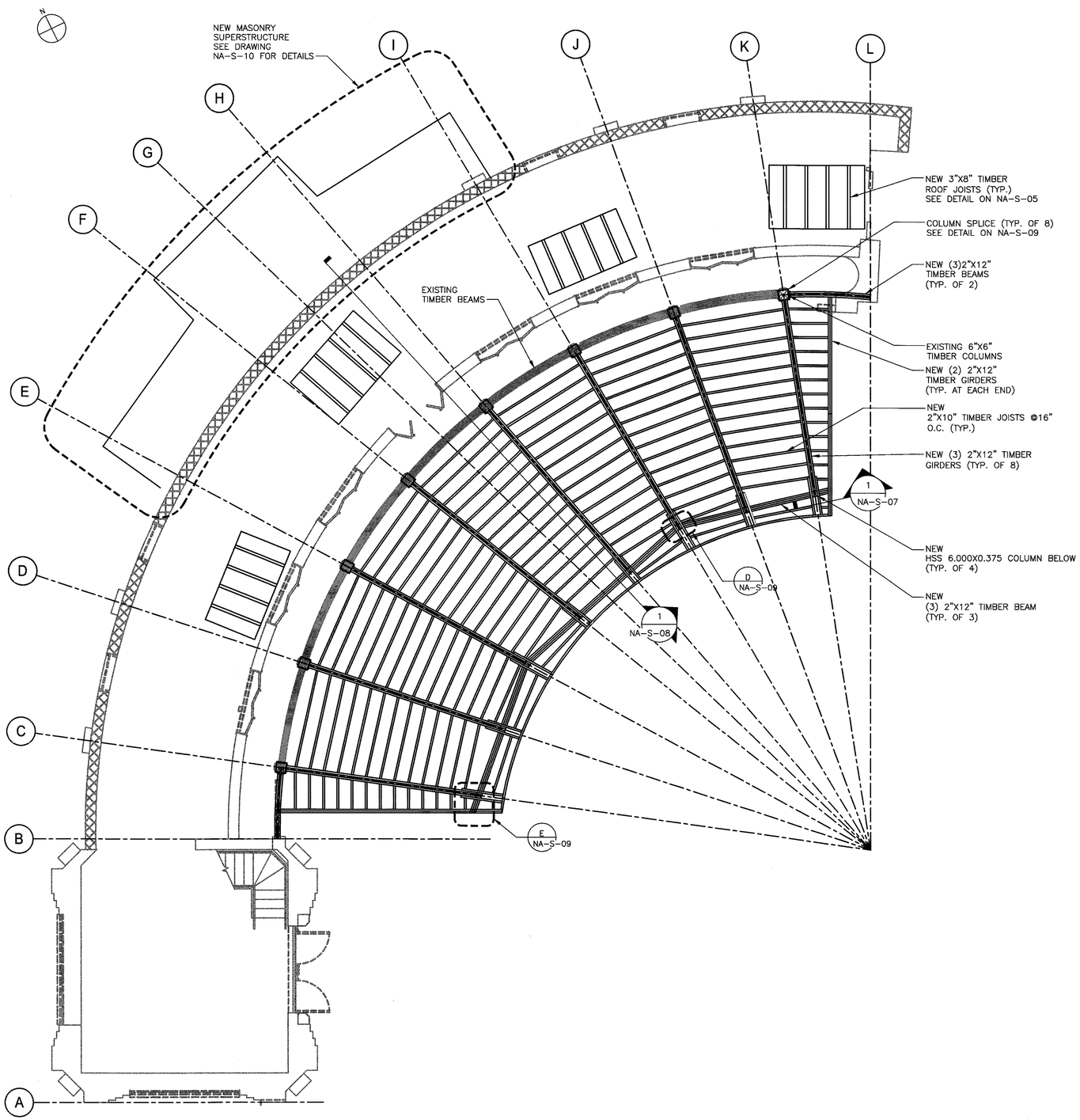
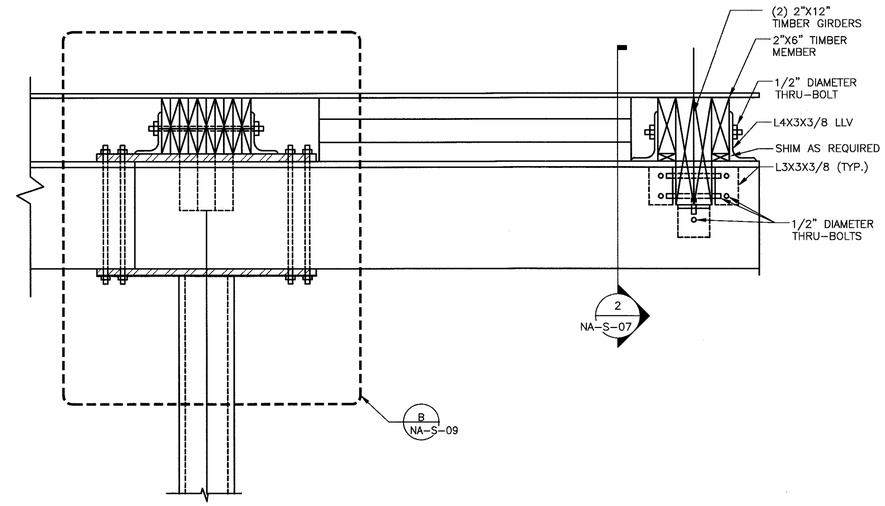
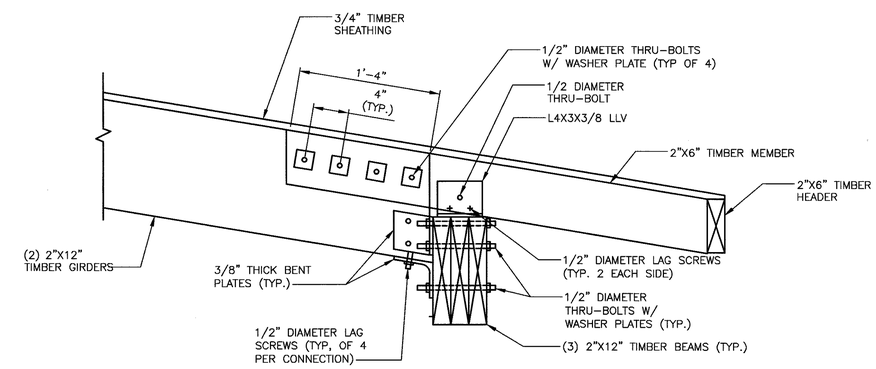


NORTH ADMIN ROOF PLAN
SCALE: 3/16 = 1'-0"



1 SECTION
NA-S-07 SCALE: 1 1/2" = 1'-0"



2 SECTION
NA-S-07 SCALE: 1 1/2" = 1'-0"

NOTE:

1. CONTRACTOR SHALL COORDINATE NEW CONSTRUCTION DIMENSION AND BUILDING GEOMETRY WITH ARCHITECTURAL DRAWINGS.

0 4' 8'
SCALE: 3/16" = 1'-0"

0 6" 1'
SCALE: 1 1/2" = 1'-0"

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Rev#: Projectname: ---- Comments: ----
Printed by: BKnittle Date: 24 September 2020 5:03 AM Designed by: ----
Xrefs: [TB_24X36_WestchesterCo_2.dwg] [TSG-SVLOGO.dwg] [NAS-RP0002.dwg] [NAS-DT0004.dwg

CONSULTANT INFORMATION
Savin Engineers, P.C.

CONSULTANT SEAL
STATE OF NEW YORK
No. 065364
LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT - CHANGES AS NOTED ☐ AS BUILT - NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
ROOF PLAN

CONTRACT NUMBER 20-501
SHEET NUMBER NA-S-07
DWG NO.: Page 104 of 387
SCALE: AS SHOWN
DATE: SEPTEMBER 2020
DPW FILE NUMBER 1-118-S-104
REV. NO. 0

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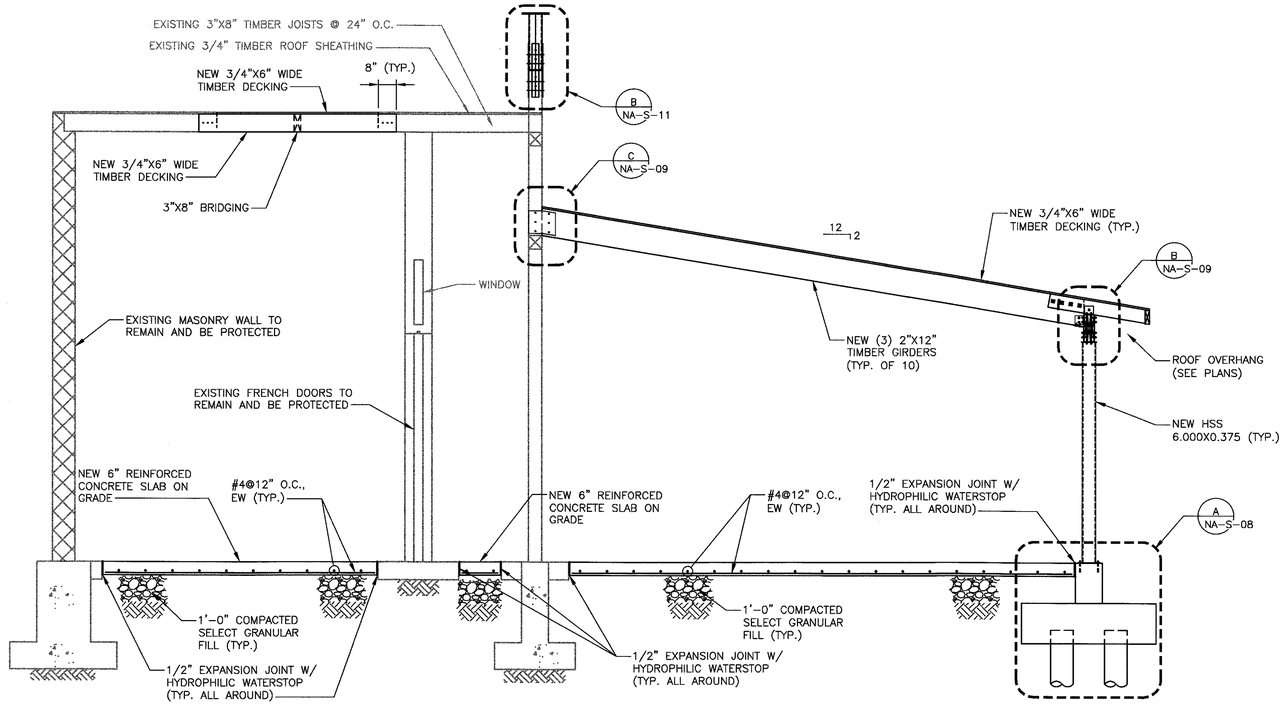
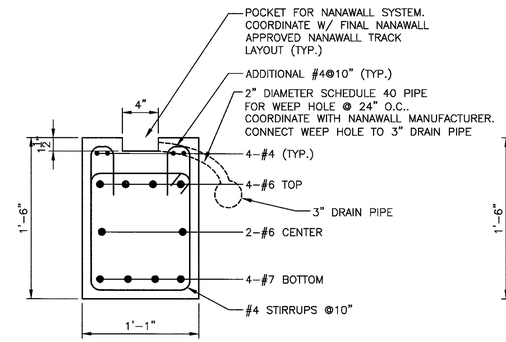
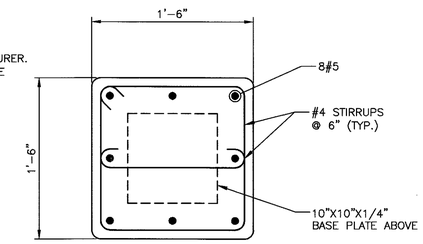


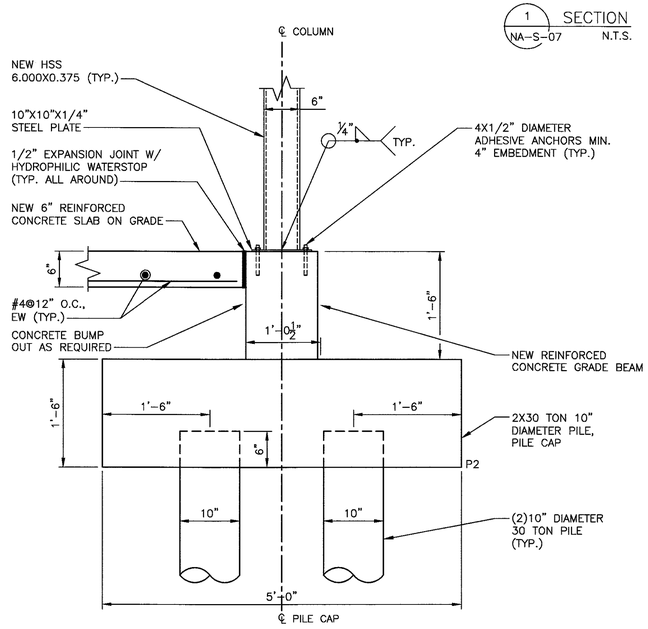
1 NA-S-07 SECTION N.T.S.



TYPICAL GRADE BEAM SECTION
SCALE: 1 1/2" = 1'-0"

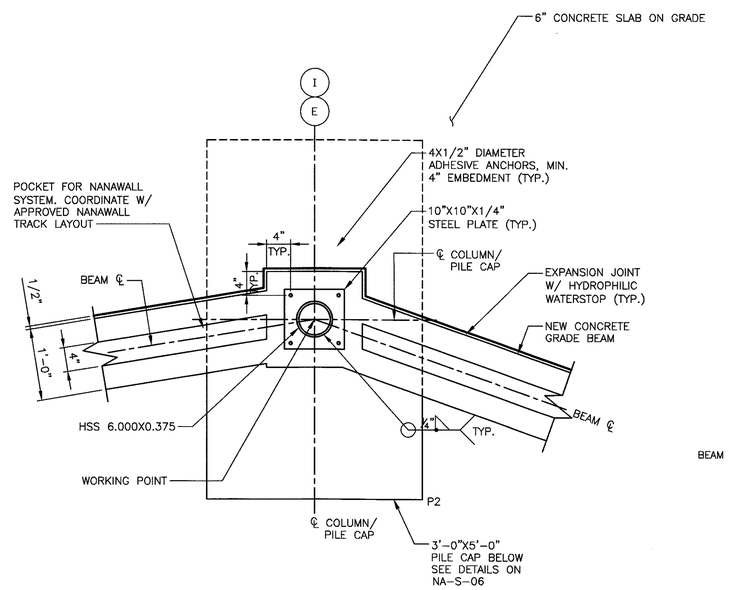


PIER DETAIL
SCALE: 1 1/2" = 1'-0"



A NA-S-08 DETAIL SCALE: 1" = 1'-0"

* COORDINATE DIMENSION WITH APPROVED RETRACTABLE WALL MANUFACTURER



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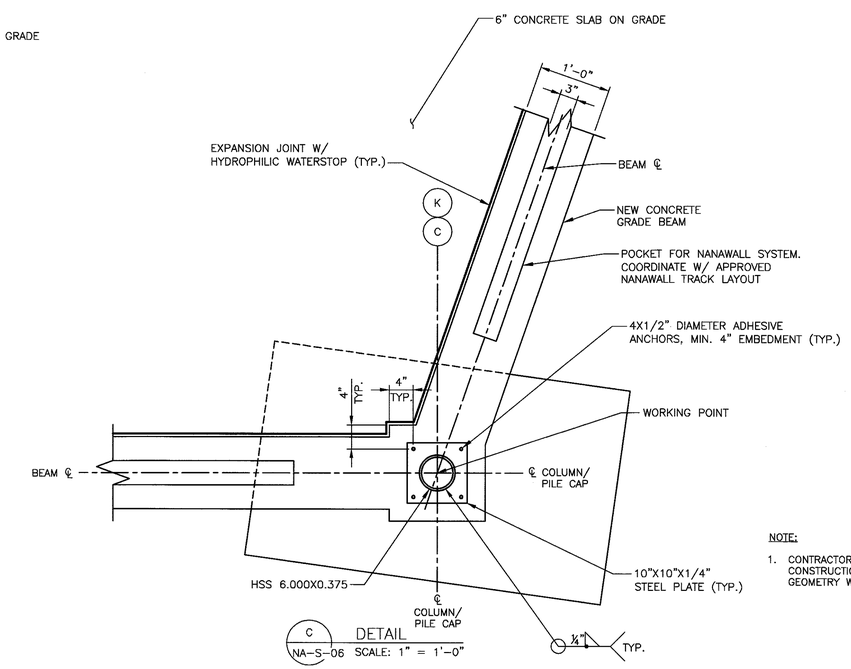


C NA-S-06 DETAIL SCALE: 1" = 1'-0"

NOTE:

1. CONTRACTOR SHALL COORDINATE NEW CONSTRUCTION DIMENSION AND BUILDING GEOMETRY WITH ARCHITECTURAL DRAWINGS.

0 1' 2'
SCALE: 1" = 1'-0"

0 6" 1'
SCALE: 1 1/2" = 1'-0"

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

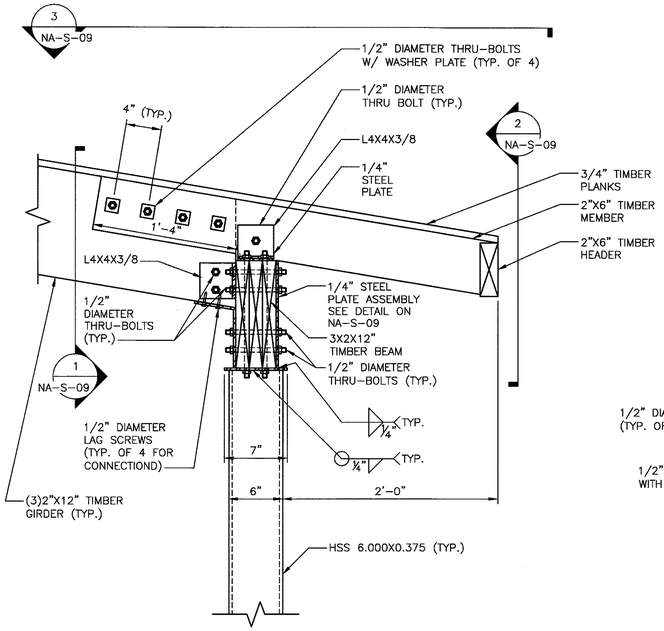
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
SECTIONS AND DETAILS

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-S-08

DWG NO.: Page 105 of 387
SCALE: NONE
DATE: SEPTEMBER 2020
DPW FILE NUMBER: 1-118-S-105
REV. NO.: 0

Drawing Name: G:\SavinAutocad\2060\25-Playland\CAD\S\NA_S-08.dwg
Projectname: ----- Comments: ----- Designed by: -----
Rev#: Printed by: Bkintle Date: 24 September 2020 5:04 AM
Xrefs: [TB_24x36_Westchestercoo_2.dwg] [TSG-SK1000.dwg] [NAS-S0003.dwg] [NAS-S70001.dwg]



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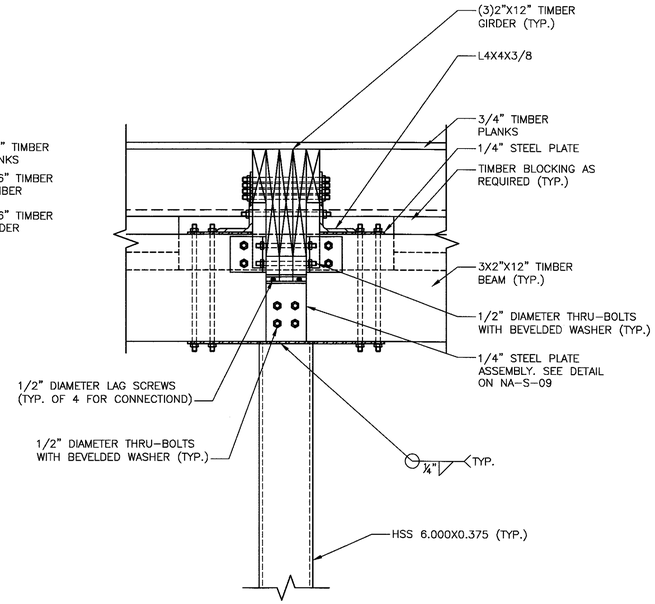

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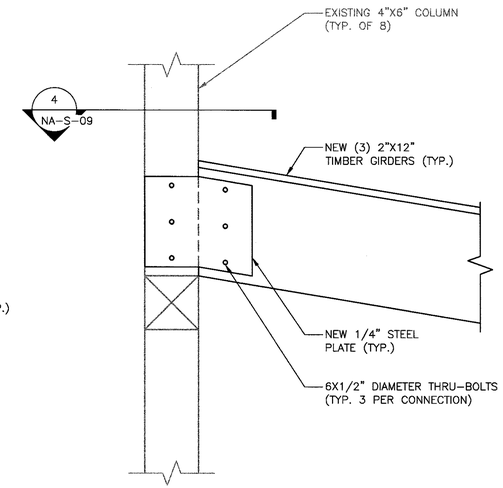

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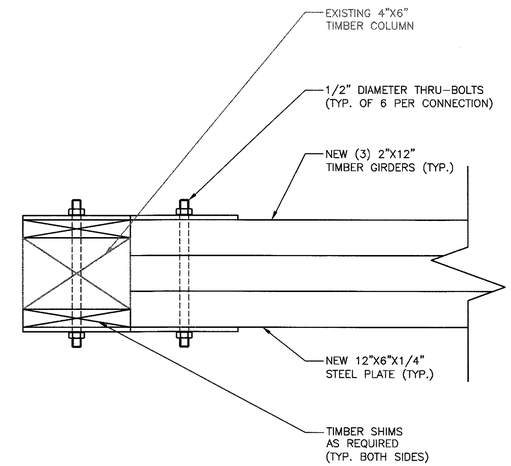

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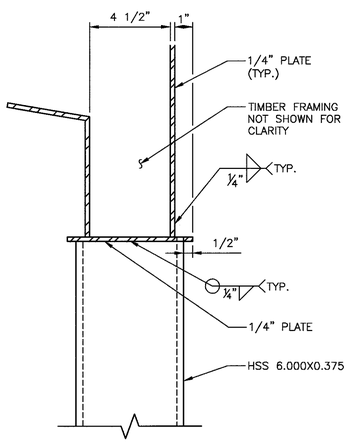
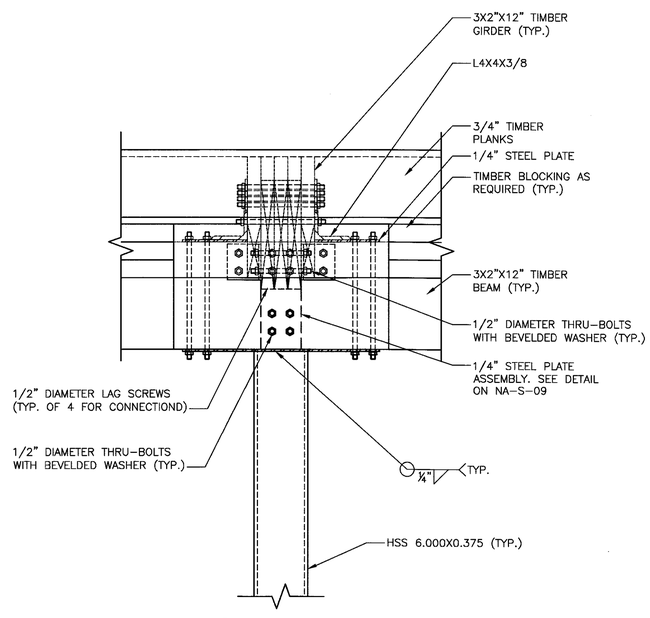


CONNECTION PLATE ASSEMBLY DETAIL
SCALE: 3" = 1'-0"



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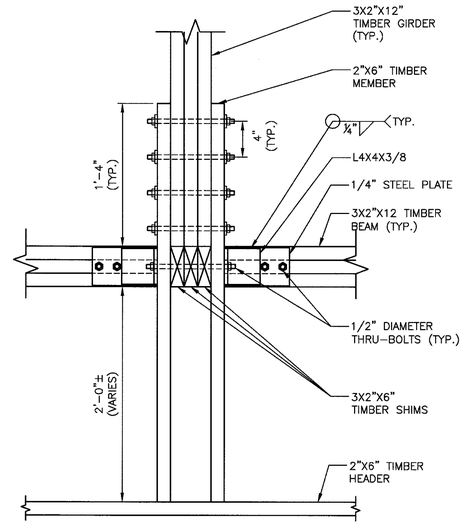

3 NA-S-09 SECTION
SCALE: 1 1/2" = 1'-0"

0 6" 1'
SCALE: 1 1/2" = 1'-0"

0 3" 6"
SCALE: 3" = 1'-0"

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CONSULTANT INFORMATION
Savin Engineers, P.C.

CONSULTANT SEAL
STATE OF NEW YORK · MICHAEL J. BURKHARDT · No. 065364 · LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

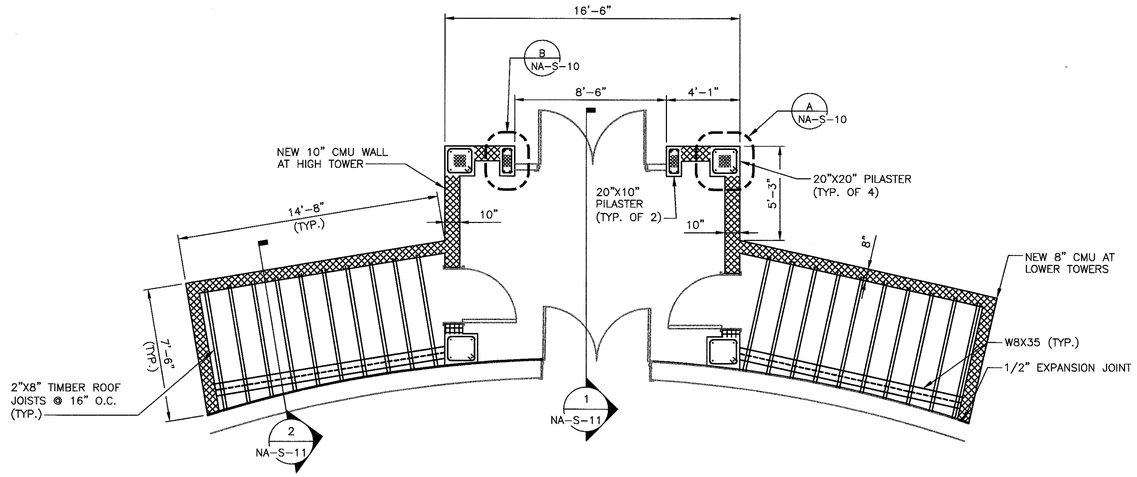
PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

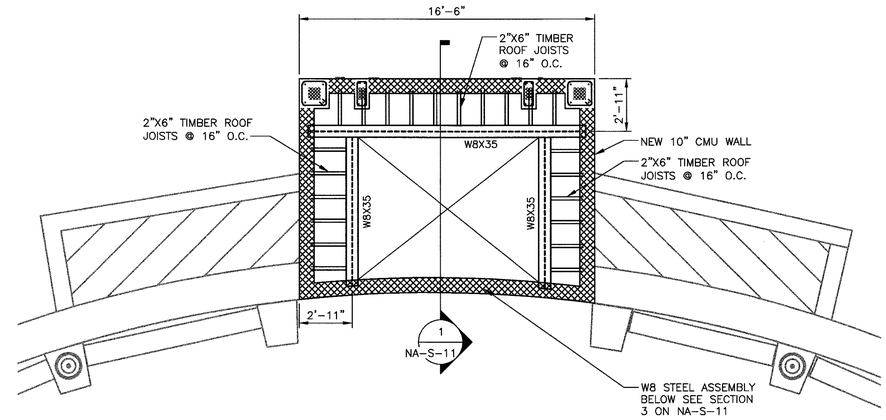
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
SECTIONS AND DETAILS

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-S-09

DWG NO.: Page 106 of 387
SCALE: NONE
DATE: SEPTEMBER 2020
DPW FILE NUMBER 1-118-S-106 REV. NO. 0



PART PLAN @ EL. 13.92
SCALE: 1/4" = 1'-0"



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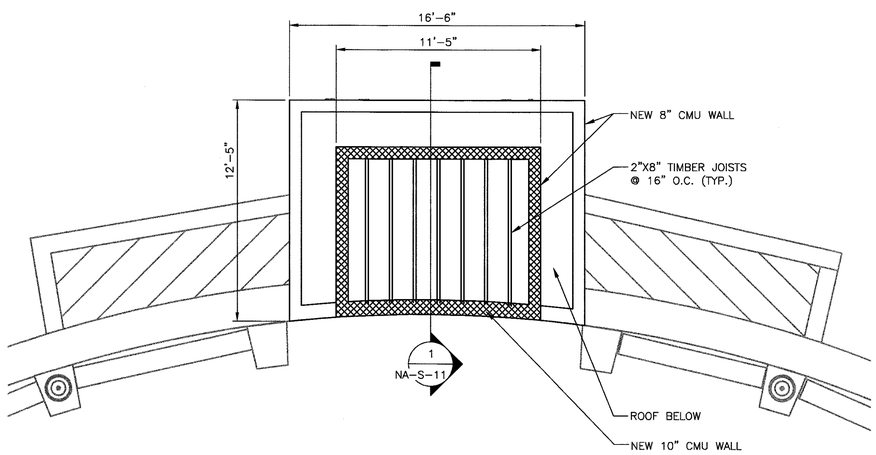

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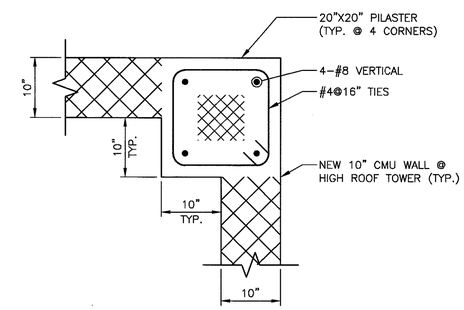

A DETAIL
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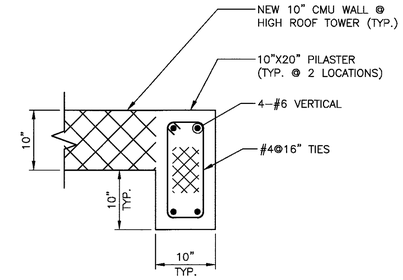

B DETAIL
SCALE: 1" = 1'-0"

NOTE:

1. CONTRACTOR SHALL COORDINATE NEW CONSTRUCTION DIMENSION AND BUILDING GEOMETRY WITH ARCHITECTURAL DRAWING NN-A-00.

0 4' 8'
SCALE: 1/4" = 1'-0"

0 1' 2'
SCALE: 1" = 1'-0"

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Printed by: BKnittle Date: 24 September 2020 5:05 AM Designed by: -----
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CONSULTANT INFORMATION
Savin Engineers, P.C.

CONSULTANT SEAL

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT - CHANGES AS NOTED ☐ AS BUILT - NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
REAR TOWER - PART PLANS

CONTRACT NUMBER 20-501
SHEET NUMBER NA-S-10
DWG NO.: Page 107 of 387
SCALE: NONE
DATE: SEPTEMBER 2020
DPW FILE NUMBER 1-118-S-107
REV. NO. 0

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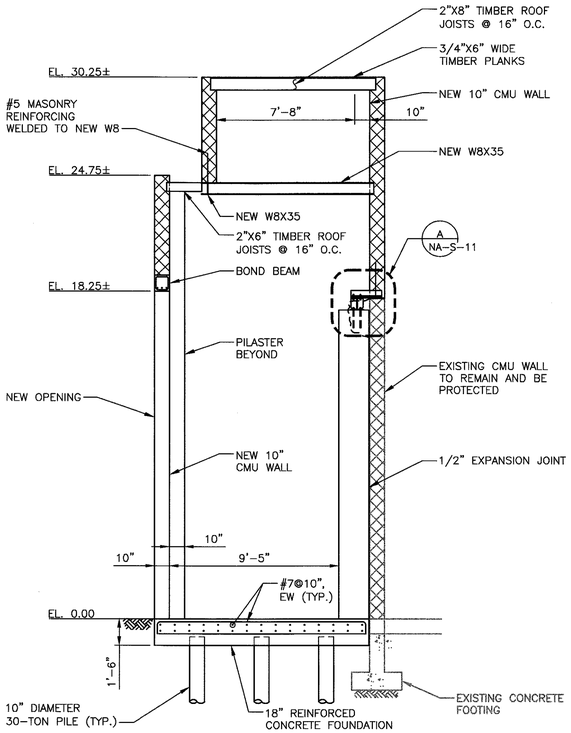
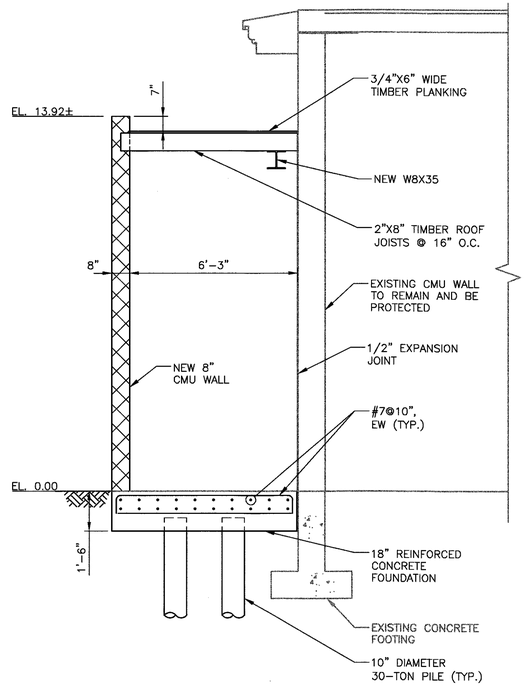


1 SECTION
NA-S-10 SCALE: 1/4" = 1'-0"



2 SECTION
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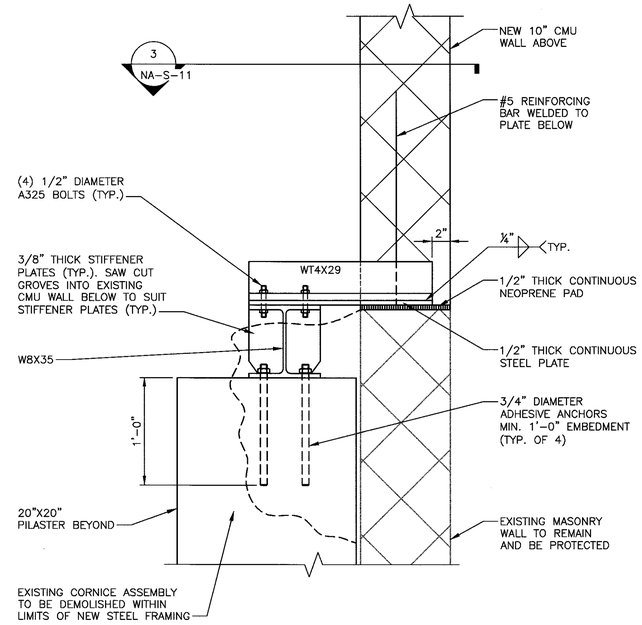

A DETAIL
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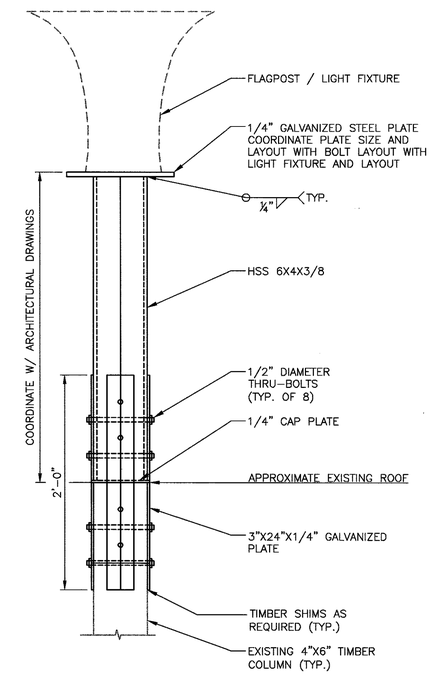

B DETAIL
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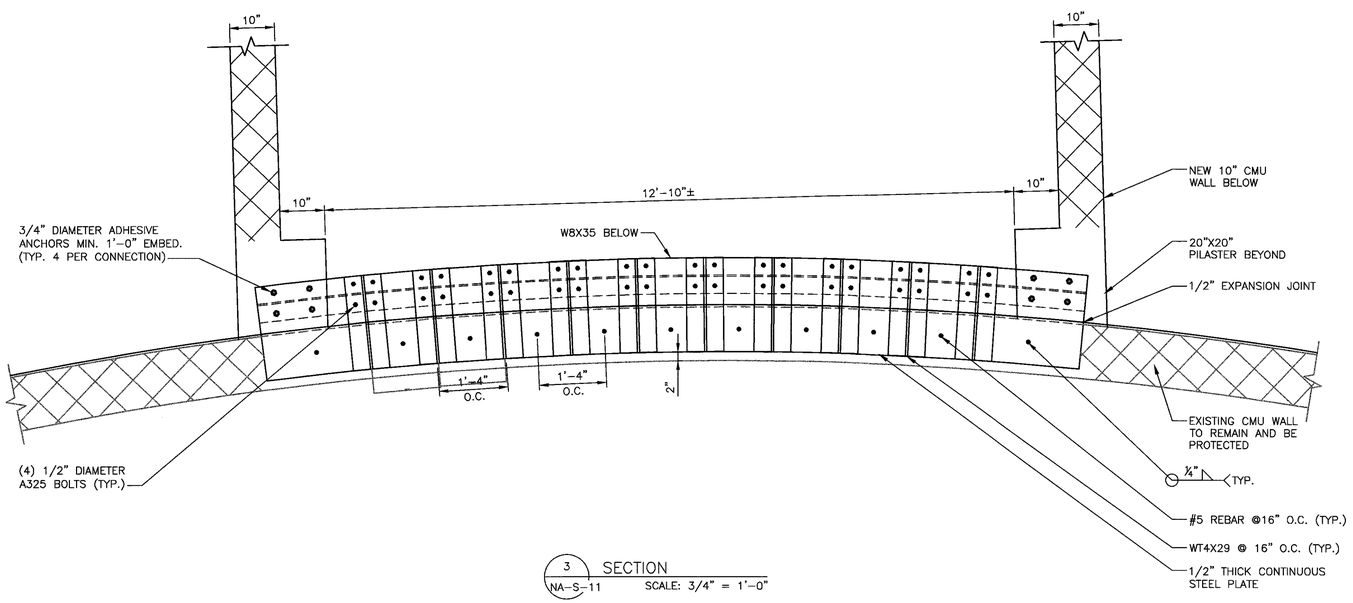

3 SECTION
NA-S-11 SCALE: 3/4" = 1'-0"

0 4' 8'
SCALE: 1/4" = 1'-0"

0 2' 4'
SCALE: 3/8" = 1'-0"

0 1' 2'
SCALE: 3/4" = 1'-0"

0 6" 1'
SCALE: 1 1/2" = 1'-0"

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK · LICENSED PROFESSIONAL ENGINEER · No. 095362

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
REAR TOWER-SECTIONS AND DETAILS

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-S-11

DWG NO.: Page 108 of 387
SCALE: NONE
DATE: SEPTEMBER 2020
DPW FILE NUMBER: 1-118-S-108 REV. NO.: 0

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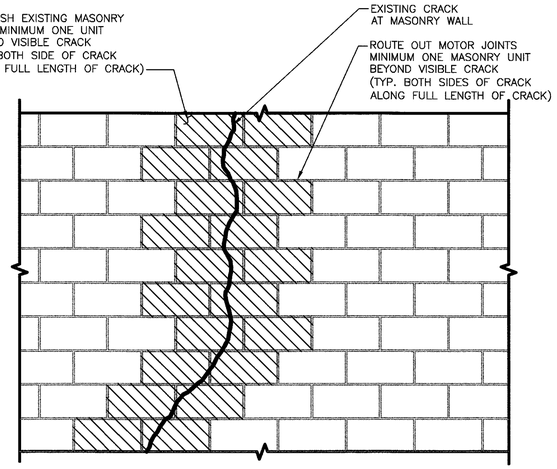
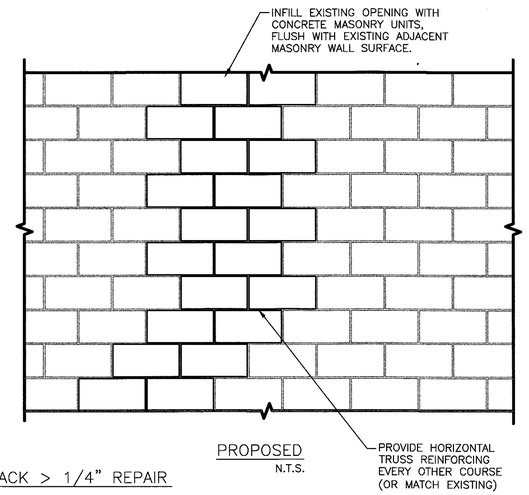


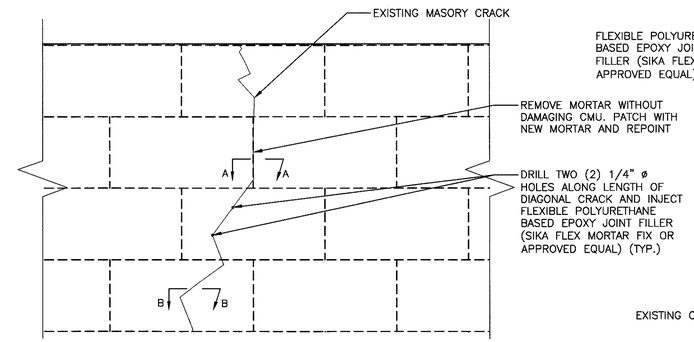
DEMOLITION
N.T.S.



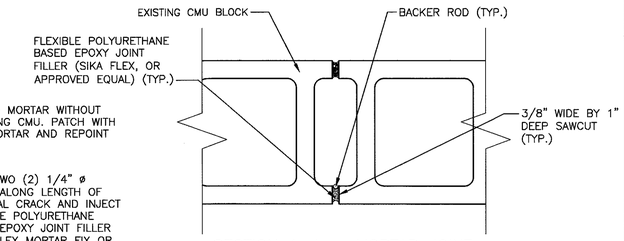
PROPOSED
N.T.S.

TYPICAL MASONRY CRACK > 1/4" REPAIR

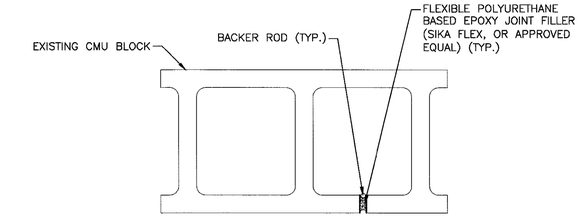
TYPE 1 REPAIR



TYPICAL MASONRY CRACK > 1/4" REPAIR

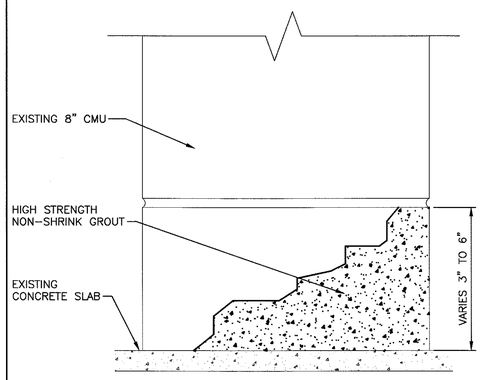


SECTION A–A – MORTAR JOINT

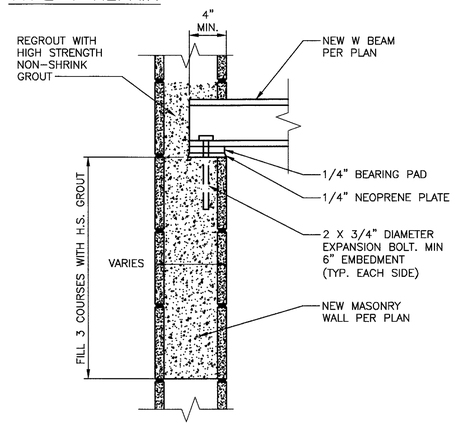


SECTION B–B CMU BLOCK

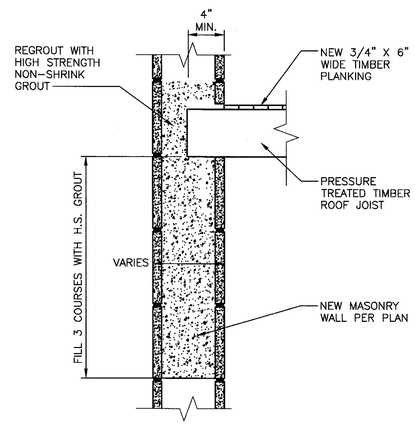
TYPE 2 REPAIR



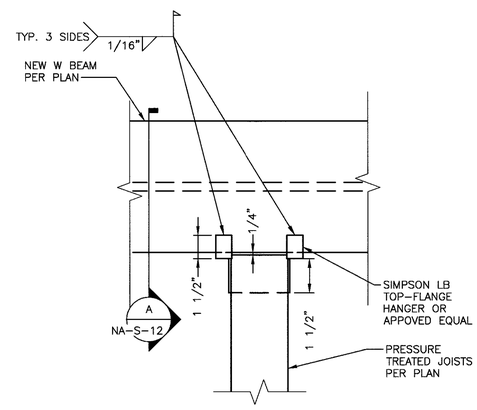
RE–GROUTING DETAIL



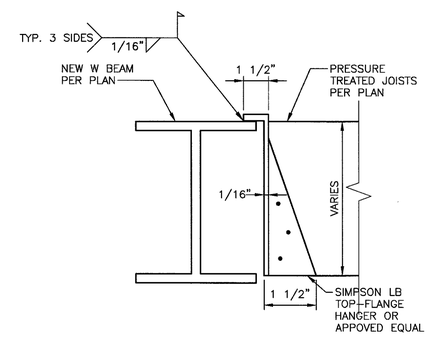
TYPICAL BEAM POCKET DETAIL
N.T.S.



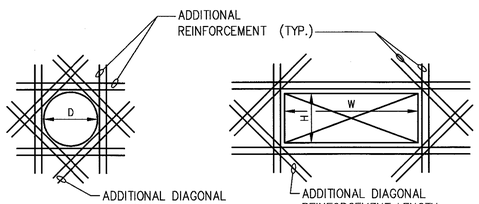
TYPICAL TIMBER JOIST POCKET DETAIL
N.T.S.



JOIST HANGER PLAN
N.T.S.



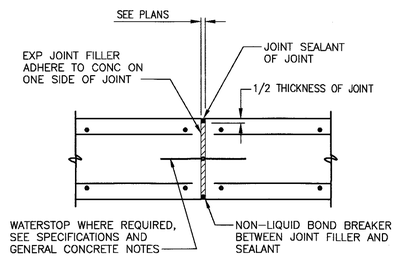
A
NA–S–12
JOIST HANGER SECTION
N.T.S.



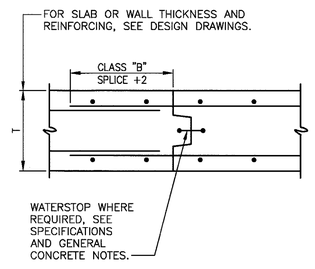
NOTES:

1. PROVIDE ADDITIONAL REINFORCEMENT WHEN OPENING SIZE (D, W, OR H) IS EQUAL TO OR GREATER THAN SPECIFIED BAR SPACING
2. EXTEND REINFORCEMENT A MINIMUM OF 48 BAR DIAMETERS BEYOND THE FACE OF THE OPENING.
3. PROVIDE ONE HALF THE AREA OF CUT BARS, EACH SIDE, MINIMUM 2 #4 @ 6" EF.
4. PROVIDE ADDITIONAL DIAGONAL REINFORCEMENT AT ALL OPENINGS.
   A. OPENINGS (D, H, OR W) UP TO 1'–0": 2 #4 @ 6" EF
   A. OPENINGS (D, H, OR W) UP TO 2'–0": 2 #5 @ 6" EF
   A. OPENINGS (D, H, OR W) UP TO 4'–0": 2 #6 @ 6" EF
5. WHERE REINFORCING AROUND OPENINGS IS SHOWN ON OTHER DRAWINGS PROVIDE ADDITIONAL REINFORCING AS PER THIS DETAIL.

TYPICAL ADDITIONAL REINFORCEMENT AT OPENING > 12" DIAMETER
SCALE: N.T.S.



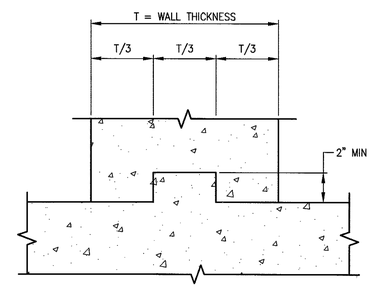
TYPICAL EXPANSION JOINT DETAIL
SCALE: N.T.S.



NOTE:

USE FOR LIQUID RETAINING STRUCTURES

TYPICAL SLAB HORIZONTAL CONSTRUCTION JOINT DETAIL
SCALE: N.T.S.



TYPICAL KEY DETAIL
SCALE: N.T.S.

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK
No. 065356
LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
CINDER BLOCK REHABILITATION DETAILS

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-S-12

DWG NO.: Page 109 of 387
SCALE: AS SHOWN
DATE: SEPTEMBER 2020
DPW FILE NUMBER 1-118-S-109 REV. NO. 0

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BASIC DEVELOPMENT LENGTH AND SPLICE LENGTH

FOR BARS IN TENSION (UNCOATED REINFORCEMENT)

fy = 60,000 psi fc = 4000 psi OR GREATER, NORMAL WEIGHT CONCRETE

BASIC DEVELOPEMENT LENGTH ** l d				BAR SIZE	CLASS B SPLICE LENGTH ** 1.3 x l d			
CLEAR SPACING > 3"		CLEAR SPACING < 3"			CLEAR SPACING > 3"		CLEAR SPACING < 3"	
BASIC	TOP *	BASIC	TOP *		BASIC	TOP *	BASIC	TOP *
1'-0"	1'-4"	1'-9"	2'-2"	#3	1'-4"	1'-9"	2'-2"	2'-11"
1'-4"	1'-8"	2'-2"	2'-9"	#4	1'-8"	2'-2"	2'-9"	3'-7"
1'-8"	2'-2"	2'-10"	3'-7"	#5	2'-2"	2'-10"	3'-7"	4'-8"
2'-0"	2'-6"	3'-3"	4'-2"	#6	2'-6"	3'-3"	4'-2"	5'-5"
3'-6"	4'-7"	5'-11"	7'-7"	#7	4'-7"	5'-11"	7'-7"	9'-11"
4'-0"	5'-2"	6'-9"	8'-8"	#8	5'-2"	6'-9"	8'-8"	11'-4"
4'-6"	5'-10"	7'-7"	9'-10"	#9	5'-10"	7'-7"	9'-9"	12'-9"
5'-0"	6'-5"	8'-6"	11'-10"	#10	6'-5"	8'-6"	11'-0"	13'-7"
5'-7"	7'-4"	9'-5"	12'-6"	#11	7'-4"	9'-5"	12'-6"	14'-9"

NOTES:

* TOP REINFORCEMENT IS HORIZONTAL REINFORCEMENT SO PLACED THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE REINFORCEMENT

** LENGTHS SHOWN IN CHART SHALL BE MODIFIED WHERE REQUIRED TO CONFORM TO THE PROVISIONS OF ACI 318, SECTION 12.2

DEVELOPMENT LENGTH OF STANDARD HOOKS

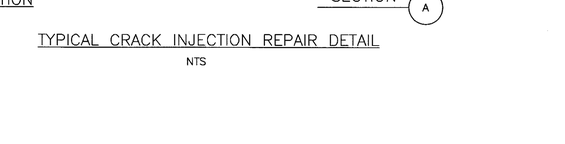
FOR BARS IN TENSION (UNCOATED REINFORCEMENT)

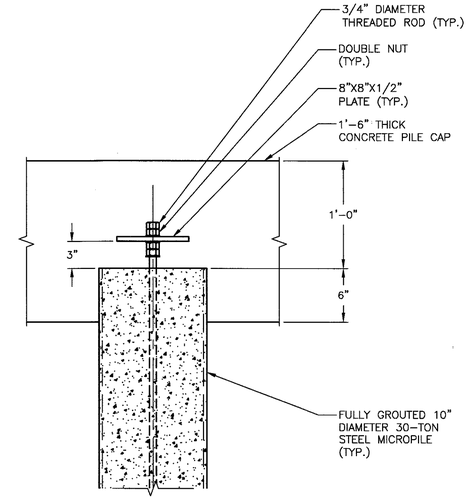
fy = 60,000 psi fc = 4000 psi OR GREATER, NORMAL WEIGHT CONCRETE

BAR SIZE	DEVELOPEMENT LENGTH, ℓ dh	
	BASIC	W/CONC COVER *
#3	8"	6"
#4	10"	7"
#5	1'-0"	9"
#6	1'-3"	11"
#7	1'-5"	1'-0"
#8	1'-7"	1'-2"
#9	1'-10"	1'-4"
#10	2'-1"	1'-6"
#11	2'-3"	1'-7"

NOTES:

* SIDE COVER NORMAL TO PLANE OF HOOK AT LEAST 2 1/2"; AND FOR 90° HOOK, END COVER BEYOND OUTSIDE END OF HOOK AT LEAST 2".



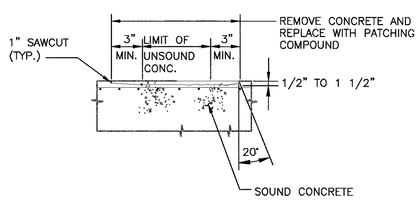


TYPICAL PILE HEAD DETAIL

SCALE: 1 1/2" = 1'-0"

NOTES:

REINFORCEMENT NOT SHOWN FOR CLARITY.



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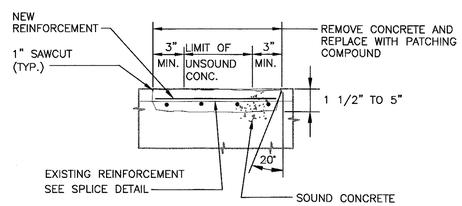

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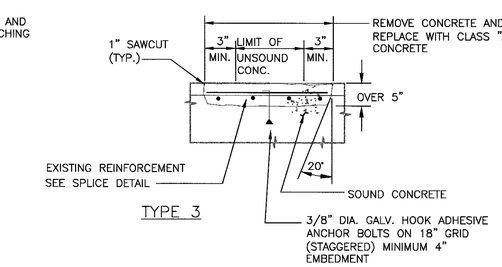
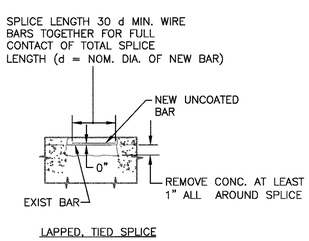
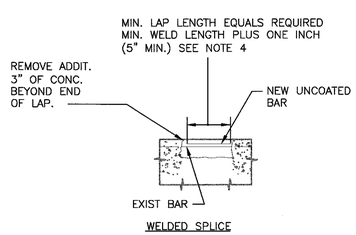


TYPE 3

CONCRETE REPAIR NOTES:

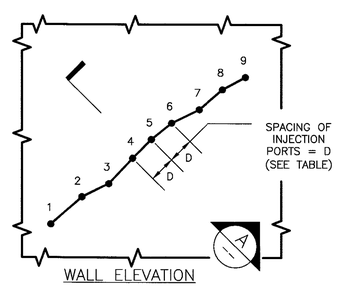
1. LIMITS OF CONCRETE REPAIR, CRACK INJECTION REPAIR AND OTHER REPAIRS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY THE LIMITS OF REPAIRS NECESSARY IN THE FIELD AND SHALL SUBMIT A WRITTEN INSPECTION REPORT TO THE ENGINEER PRIOR TO BEGINNING ANY REPAIR WORK. CONTRACTOR IS ALERTED THAT REPAIRS IN ADDITION TO THOSE SHOWN MAY BE NECESSARY.
2. CONTRACTOR SHALL PROVIDE TEMPORARY ENCLOSURE WITH NEGATIVE PRESSURE ALL AROUND WORK AREA FOR ANY SANDBLASTING OPERATIONS. SEE SPECIFICATIONS.
3. NEW UNCOATED REBARS SHALL BE PLACED TO SUPPLEMENT EXISTING REINFORCEMENT WHEN EXISTING BAR HAS LOST 25% OR MORE OF THE ORIGINAL CROSS SECTION AREA OR EXISTING BAR IS BROKEN, OR CRACKED.
4. WELDERS SHALL BE QUALIFIED IN ACCORDANCE WITH THE STEEL CONSTRUCTION MANUAL.
5. TIED SPLICE SHALL BE USED WHEN SUFFICIENT LENGTH OF EXISTING REINFORCING BAR (OR ADEQUATE CROSS SECTION) IS EXPOSED AFTER CONCRETE HAS BEEN REMOVED AS SHOWN IN DETAIL. WHEN SUCH LENGTH OF EXISTING BAR IS NOT EXPOSED USE WELDED SPLICE UNLESS OTHERWISE APPROVED BY THE ENGINEER. ADDITIONAL CONCRETE SHALL BE REMOVED AROUND EXISTING BARS ONLY AS NECESSARY TO ACHIEVE SUFFICIENT LAP FOR THE WELDED SPLICE PLUS 3" BEYOND LAP LENGTH.
6. ALL CONCRETE SURFACES TO BE REPAIRED SHALL BE SANDBLASTED CLEAN, FREE OF LOOSE DEBRIS AND LAITANCE AND HAVE AN EPOXY BONDING COMPOUND APPLIED PRIOR TO PLACEMENT OF NEW CONCRETE, OR PATCHING MATERIAL.
7. THE FOLLOWING REPAIR QUANTITIES SHALL BE DEEMED INCLUDED IN THE CONTRACTORS BID: CRACK INJECTION REPAIR: 200 LF.





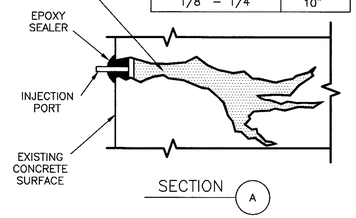
SPLICE DETAILS

NTS



WALL ELEVATION

SPACING OF INJECTION PORTS	
CRACK WIDTH	D
1/8" AND SMALLER	8"
1/8" – 1/4"	10"



SECTION

TYPICAL CRACK INJECTION REPAIR DETAIL

NTS

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR: NAME / SIGNATURE / TITLE / DATE

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
TYPICAL DETAILS

CONTRACT NUMBER	SHEET NUMBER
20-501	NA-S-13

DWG NO.: Page 110 of 387

SCALE: AS SHOWN

DATE: SEPTEMBER 2020

DPW FILE NUMBER 1-118-S-110 REV. NO. 0

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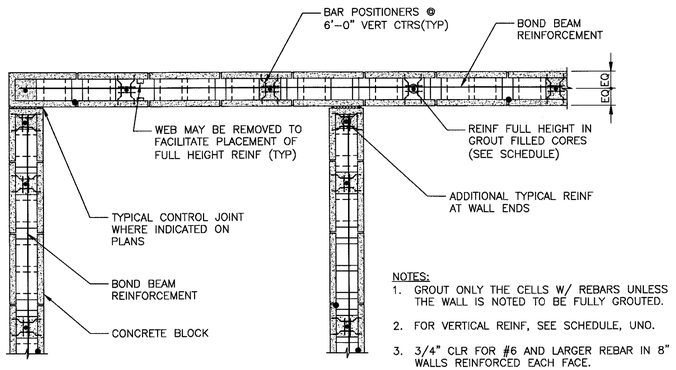
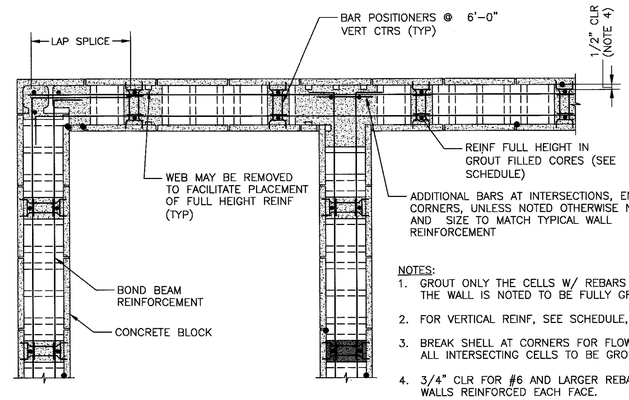


NOTES:

1. GROUT ONLY THE CELLS W/ REBARS UNLESS THE WALL IS NOTED TO BE FULLY GROUTED.
2. FOR VERTICAL REINF, SEE SCHEDULE, UNO.
3. 3/4" CLR FOR #6 AND LARGER REBAR IN 8" WALLS REINFORCED EACH FACE.

TYPICAL REINFORCING WITH CORNER CONTROL JOINTS

SINGLE CURTAIN REINFORCEMENT SHOWN. DOUBLE CURTAIN SIMILAR WITH 1/2" CLEAR FROM EACH WALL FACE. (SEE NOTE 3)



NOTES:

1. GROUT ONLY THE CELLS W/ REBARS UNLESS THE WALL IS NOTED TO BE FULLY GROUTED.
2. FOR VERTICAL REINF, SEE SCHEDULE, UNO.
3. BREAK SHELL AT CORNERS FOR FLOW OF GROUT. ALL INTERSECTING CELLS TO BE GROUTED.
4. 3/4" CLR FOR #6 AND LARGER REBAR IN 8" WALLS REINFORCED EACH FACE.

TYPICAL REINFORCING WITHOUT CORNER CONTROL JOINTS

DOUBLE CURTAIN REINFORCEMENT SHOWN. SINGLE CURTAIN SIMILAR EXCEPT CENTERED IN WALL.

MINIMUM CMU WALL REINFORCING SCHEDULE (NOTE 5)
(SPECIAL INSPECTION REQUIRED)

WALL SIZE	WALL HEIGHT	VERTICAL REINFORCEMENT		HORIZONTAL REINFORCEMENT	
		EXTERIOR WALL	INTERIOR WALL	EXTERIOR WALL	INTERIOR WALL
10"	<=12'-0"	#5@48	#5@48	LADDER TYPE JOINT REINFORCEMENT @ 16" CTRS	LADDER TYPE JOINT REINFORCEMENT @ 16" CTRS
	<=16'-0"	#5@48	#5@48		
	<=18'-0"	#5@24 EF	#5@48		
8"	<=18'-0"	#5@24 EF	#5@48		
	>=18'-0"	#5@16 EF			

NOTES:

1. WALL HEIGHT IS DISTANCE FROM BOTTOM OF MASONRY WALL TO THE LOCATION OF TOP LATERAL SUPPORT.
2. WHERE BARS ARE CALLED OUT EACH FACE (EF), BARS SHALL BE PLACED, IN A DOUBLE CURTAIN WITH ONE BAR TOWARD EACH FACE OF THE WALL. OTHERWISE BARS SHALL BE CENTERED IN THE WALL.
3. AN INTERIOR WALL IS A WALL IN WHICH NO PORTION OF THE WALL IS EXPOSED TO THE EXTERIOR.
4. AT LOCATIONS WHERE WALLS CANTILEVER ABOVE THE TOP LATERAL SUPPORT, THE WALL HEIGHT FOR THE ABOVE SCHEDULE SHALL BE THE GREATER OF THE HEIGHT IN NOTE 1 OR DOUBLE THE DISTANCE FROM LATERAL SUPPORT TO THE TOP OF THE WALL.
5. IN ADDITION TO THE SCHEDULED REINFORCEMENT, WALLS SHALL HAVE A CONTINUOUS BOND BEAM WITH AT LEAST 2-#5 BARS AT OR NEAR THE TOP COURSE, SCHEDULED REINFORCEMENT AT OPENINGS, AND ALL OTHER HORIZONTAL AND VERTICAL REINFORCEMENT AS INDICATED ON THE STRUCTURAL AND ARCHITECTURAL DRAWINGS.

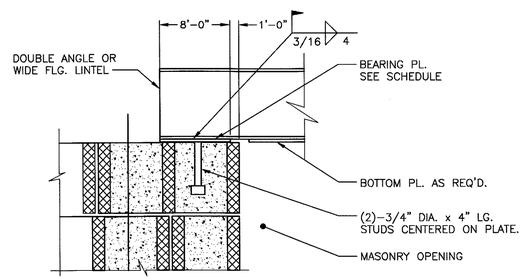
TYPICAL MASONRY REINFORCING PLANS

LINTEL SCHEDULE

TYPE	MAX. SPAN	SECTION	LINTEL SIZE
L-1	4'-0"		8" BOND BEAM WITH 2-#5 BARS PLUS
L-2	8'-0"		16" BOND BEAM WITH 2-#5 BARS

LINTEL SCHEDULE NOTES:

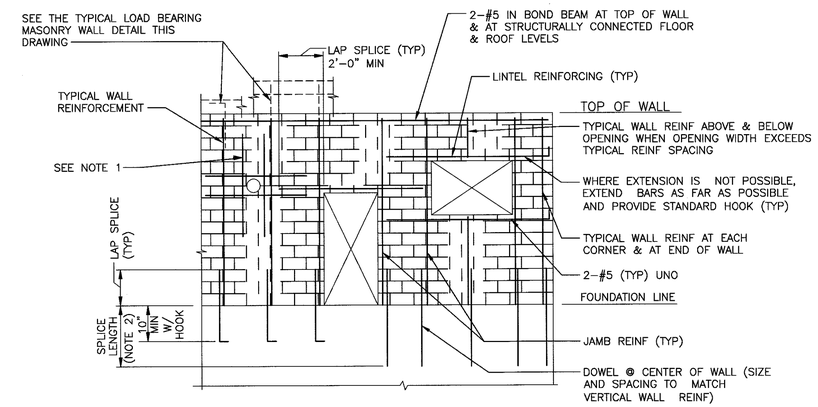
1. UNLESS OTHERWISE NOTED, ALL LINTELS SHALL HAVE A MINIMUM BEARING OF 8 INCHES AT EACH END.
2. UNLESS OTHERWISE NOTED, ON THE PLANS & SECTIONS GROUT A MINIMUM OF 3 COURSES OF CMU BELOW END BEARINGS.
3. THE FIRST COURSE OF MASONRY ABOVE WIDE FLANGE LINTELS SHALL BE LAID IN A FULL BED OF MORTAR.
4. ALL FINISHED LINTELS ASSEMBLIES SHALL BE HOT DIPPED GALVANIZED.
5. CONTRACTOR TO SUBMIT LINTEL DETAILS FOR ALL OPENINGS. LINTELS SHALL BE PROVIDED FOR ALL MASONRY OPENINGS AS PER THE LINTEL SCHEDULE UNLESS APPROVED OTHERWISE BY ENGINEER.



LINTEL BEARING PLATE SCHEDULE

SIZE	REMARKS
3/8"x7"x0'-8"	TYPICAL AT 8" CMU UNO
3/8"x9"x0'-8"	TYPICAL AT 10" CMU UNO
3/8"x11"x0'-8"	TYPICAL AT 12" CMU UNO
ALL BEARING PLATES SHALL HAVE (2)-3/8" DIA x 4" LG ANCHOR STUDS.	

TYPICAL STEEL LINTEL BEARING PLATE DETAIL



NOTES:

1. EXTEND JAMB BARS FLOOR TO ROOF WHERE OPENING WIDTH EXCEEDS 1'-4", OTHERWISE, EXTEND ONE SPLICE LENGTH OR 2'-0" MIN PAST OPENINGS.
2. SEE STANDARD CONCRETE REINFORCING DETAILS.

TYPICAL MASONRY REINFORCING ELEVATION

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CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
TYPICAL MASONRY DETAILS

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-S-14
DWG NO..	Page 111 of 387
SCALE:	NONE
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-S-111
REV. NO.	0

FIRE PROTECTION SAFETY NOTES:

1. SPECIAL PRECAUTION SHALL BE TAKEN BY THE CONTRACTOR SO THAT EQUIPMENT OF THIS APPLICATION AND ITS INSTALLATION WILL NOT AFFECT THE FOLLOWING: EGRESS TO AND FROM THE BUILDING. FIRE SAFETY OR CREATE A FIRE HAZARD. STRUCTURAL SAFETY OF THE BUILDING, ACCUMULATION OF DUST AND DEBRIS. (THE CONTRACTOR SHALL LEAVE THE SITE BROOM CLEANED EACH DAY.)

FIRE PROTECTION GENERAL NOTES:

1. DIMENSIONS, LOCATIONS AND SIZES INDICATED ON THE PLANS AND THE ELEVATION ARE APPROXIMATE AND SHALL BE VERIFIED BY FIELD INSPECTION BY THE CONTRACTOR.

2. SOME EXISTING PIPE AND EQUIPMENT IS SHOWN FOR CLARIFICATION OF THIS CONTRACT, BUT MUST BE PROTECTED BY THE CONTRACTOR.

3. NO WORK SHALL BE INITIATED UNTIL A WORK PERMIT IS OBTAINED BY THE CONTRACTOR AND A SAFETY PLAN IS SUBMITTED AND IS APPROVED.

4. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS, EQUIPMENT USE PERMITS, ALL INSPECTION APPROVALS, AND LETTER OF COMPLETION FROM THE DEPARTMENT OF BUILDINGS FOR WORK UNDER THIS CONTRACT AS APPLICABLE.

5. ANY EXISTING MATERIALS, PIPING, ETC., NOT INDICATED FOR DEMOLITION WHICH ARE REMOVED BY THE CONTRACTOR IN ORDER TO INSTALL NEW WORK SHALL BE REINSTALLED BY THE CONTRACTOR. IF EXISTING WORK IS DAMAGED IT SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ALL SURFACES OR FINISHES THAT ARE DAMAGED OR OTHERWISE AFFECTED BY WORK OF THIS CONTRACT SHALL BE PATCHED, REPAIRED, PAINTED OR REPLACED TO MATCH THE PRE-EXISTING CONDITION AND THE NEW WORK.

6. CONTRACTOR MAY PROPOSE ALTERNATE ROUTING IN DIFFICULT AREAS WHERE REPLACEMENT IN KIND IS NOT PRACTICAL. ANY AND ALL ALTERNATE ROUTING IS SUBJECT TO PRIOR REVIEW AND APPROVAL BY THE ENGINEER.

7. A FIRE WATCH SHALL BE PROVIDED WHEN SPRINKLER COVERAGE IS IMPACTED TO MAINTAIN BUILDING OPERATIONS OR AS REQUIRED.

FIRE PROTECTION SYMBOL LIST

— — — — —FS DRY— —	NEW DRY SPRINKLER PIPING
— — — — — DRY(E) —	EXISTING TO REMAIN DRY SPRINKLER PIPING
○	NEW UPRIGHT SPRINKLER HEAD
○	EXISTING UPRIGHT SPRINKLER HEAD
●	NEW CONCEALED PENDENT SPRINKLER HEAD-ORDINARY TEMPERATURE
	SPRINKLER DRY PIPE VALVE
	FIRE HOSE CABINET
	SIAMESE CONNECTION
	CHECK VALVE
	CHECK VALVE W/ ALARM
	WATER MOTOR ALARM BELL
	PIPE RISER
	PIPE DROP
	PIPE UP
	POINT OF CONNECTION
	POINT OF DISCONNECTION
	PREACTION 6" BELL
	SOLENOID VALVE
	OS & Y VALVE
#	REVISION SYMBOL
F#	REFER TO SUPPLEMENTAL FIGURE INDICATED BY NUMBER (I.E. F2 REFERS TO FIGURE 2)
XXX / X	EQUIPMENT TAG / EQUIPMENT NUMBER
X / X-XXX	DETAIL TAG/ CALL OUT TAG / FIRE PROTECTION SHEET NUMBER

SHOP DWGS/EQUIPMENT SUBMITTALS

THE CONTRACTOR MUST SUBMIT ANY EQUIPMENT ALTERNATES 2 WEEKS PRIOR TO BIDS DUE FOR REVIEW AND COMMENTS. ALTERNATES MUST BE ACCEPTED BY LIRO ENGINEERS, INC., THE ARCHITECT, AND THE OWNER PRIOR TO INCLUSION IN BID. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE EQUIPMENT ALTERNATES WITH OTHER TRADES AND MAKE ADJUSTMENTS TO THE MECHANICAL SYSTEMS, AS REQUIRED, TO ACCOMMODATE THESE NEW ALTERNATES.

THE CONTRACTOR IS RESPONSIBLE TO SUBMIT ALL OF THE FOLLOWING ITEMS FOR REVIEW/APPROVAL BY NO MORE THAN 3 WEEKS AFTER THE CONTRACTOR'S CONTRACT/BID HAS BEEN AWARDED. ALL SUBMITTALS MUST BE SENT TOGETHER AS A **SINGLE PACKAGE** WITH MANUFACTURER'S SPECIFIC MODELS AND SPECIFICATIONS OUTLINED TO MATCH THE SCHEDULED REQUIREMENTS. EACH SUBMITTAL MUST BE LABELED WITH THE UNIT DESIGNATION USED WITHIN THIS DRAWING SET. IF THE SUBMITTAL PACKAGE IS FOUND TO BE INCOMPLETE UPON RECEIPT, THE PACKAGE WILL BE HELD AND WILL NOT BE REVIEWED UNTIL THE REMAINDER OF THE PACKAGE IS RECEIVED. SIX (6) HARD COPIES OF THE SUBMITTAL PACKAGE MUST BE SENT TO LIRO ENGINEERS, INC. DIGITAL SHOP DRAWING SUBMISSIONS ARE ACCEPTABLE.

SCOPE OF WORK:

1. THE INSTALLATION OF NEW DRY FS EQUIPMENT.

2. PROPOSED FIRE SPRINKLER HEAD LOCATIONS AND PIPING ARE AS NOTED ON PLANS. EXACT PIPING FROM THE FIRE SPRINKLER MAIN TO ALL HEADS IS TO BE COORDINATED AND HYDRAULICALLY CALCULATED BY THE F.S.C. & SUBMITTED TO THE ENGINEER FOR APPROVAL.

NOTE: THIS SCOPE OF WORK DESCRIPTION IS PROVIDED TO GIVE AN OVERALL "MACRO" DESCRIPTION OF THIS PROJECT. F.S.C. IS RESPONSIBLE TO REVIEW ALL ENGINEERING AND ARCHITECTURAL DRAWINGS AND VISIT THE SITE IF NEEDED, PRIOR TO SUBMISSION OF BID.

SPRINKLER HEAD SCHEDULE

	MANUFACTURER	MODEL	DESCRIPTION	K-FACTOR	QUANTITY
○	RELIABLE	F1FR	DRY ORDINARY UPRIGHT SPRINKLE HEAD	5.6	62
●	RELIABLE	F1FR	DRY ORDINARY CONCEALED SPRINKLER HEAD	5.6	4

ABBREVIATION

ACV	ALARM CHECK VALVE
B.O.P.	BOTTOM OF PIPE
(E)	EXISTING TO REMAIN
F.S.C.	FIRE SPRINKLER CONTRACTOR
P.C	PLUMBING CONTRACTOR
TYP	TYPICAL
W/	WITH
NYS	NEW YORK STATE
U/P	UNDERGROUND PIPING
W	WATER

DRAWING NOTATIONS

#	DRAWING NOTE TAB
	RISER DESIGNATION
	POINT OF CONNECTION
	POINT OF DISCONNECTION

DESIGN CRITERIA

1. AREA OF APPLICATION = 1950 SQ. FT
2. OCCUPANCY CLASSIFICATION = ORDINARY HAZARD GROUP 2
3. MAXIMUM COVERAGE PER SPRINKLER HEAD = 130 SQ. FT
4. DESIGN DENSITY = 0.20 GPM/SQ. FT
5. NUMBER OF SPRINKLER HEADS WITHIN AREA OF APPLICATION = 26
6. "K" FACTOR OF SPRINKLER HEADS = 5.6
7. DESIGN CRITERIA REQUIREMENTS BASED ON:
   - 2015 INTERNATIONAL CODE AS ADOPTED BY NEW YORK STATE
   - 2013 NFPA 13

ORDINARY HAZARD PIPE SCHEDULE

STEEL		COPPER	
1IN.	2 SPRINKLERS	1IN.	2 SPRINKLERS
1 1/4 IN.	3 SPRINKLERS	1 1/4 IN.	3 SPRINKLERS
1 1/2IN.	5 SPRINKLERS	1 1/2IN.	5 SPRINKLERS
2 IN.	10 SPRINKLERS	2 IN.	12 SPRINKLERS
2 1/2 IN.	20 SPRINKLERS	2 1/2 IN.	25 SPRINKLERS
3 IN.	40 SPRINKLERS	3 IN.	45 SPRINKLERS
3 1/2 IN.	65 SPRINKLERS	3 1/2 IN.	75 SPRINKLERS
4 IN.	100 SPRINKLERS	4 IN.	115 SPRINKLERS
5 IN.	160 SPRINKLERS	5 IN.	180 SPRINKLERS
6 IN.	275 SPRINKLERS	6 IN.	300 SPRINKLERS
8 IN.	SEE SECTION 8.2	8 IN.	SEE SECTION 8.2

FOR SI UNITS, 1 IN. = 25.4 MM.

MAX DISTANCE BETWEEN HANGERS (FT.-IN.)

NOMINAL PIPE SIZE (IN.)

	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8
STEEL PIPE EXCEPT THREADED LIGHTWALL	N/A	12-0	12-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0
THREADED LIGHTWALL STEEL PIPE	N/A	12-0	12-0	12-0	12-0	12-0	12-0	N/A	N/A	N/A	N/A	N/A
COPPER TUBE	8-0	8-0	10-0	10-0	12-0	12-0	12-0	15-0	15-0	15-0	15-0	15-0

CODE REFERENCE

2020 NEW YORK STATE BUILDING CODE
2013 NFPA 13

FIRE PROTECTION NOTES

1. THE DRAWINGS SHOW THE LAYOUT OF THE SYSTEM AND INDICATE THE APPROXIMATE LOCATIONS OF EQUIPMENT AND PIPING. CONTRACTOR IS CAUTIONED NOT TO SCALE THE DRAWINGS. THE PIPING SHALL BE RUN APPROXIMATELY IN THE AREAS AS INDICATED ON THE DRAWINGS, [HOWEVER, TO THE ARRANGEMENT OF THE PIPING SYSTEMS AS MAY BE REFERENCED WITH WORK OF OTHER TRADES]. CONTRACTOR SHALL REVIEW AND COORDINATE WITH STRUCTURAL, ELECTRICAL AND MECHANICAL DRAWINGS. PARTITIONS, STRUCTURAL MEMBERS, ETC. ARE DESIGNED TO BE FURRED OR CLOSED IN AND TO INCLUDE ROUGH-IN PIPING. CONTRACTOR SHALL FURNISH ALL OFFSETS, ADDITIONAL FITTINGS, ETC. WHETHER SHOWN ON DRAWINGS OR NOT, AS REQUIRED TO MEET INSTALLATION CONDITIONS.

2. CONTRACTOR IS TO COMPLY WITH LATEST NFPA AND N.Y.S. CODES, AND COORDINATE HIS WORK WITH OTHER TRADES AND MAKE NECESSARY ADJUSTMENTS.

3. CONTRACTOR IS TO PREPARE SHOP DRAWINGS FOR ENGINEERS REVIEW AFTER MAKING A COMPLETE FIELD SURVEY.

4. CONTRACTOR IS TO REPORT ANY CONDITION REQUIRING CHANGES FROM PLANS TO ENGINEER PRIOR TO STARTING WORK.

5. BRANCH LINES AND MAINS (1 1/2" OR LESS) - SCHEDULE 40 FM APPROVED

6. BRANCH LINES AND MAINS (2" OR LARGER) - THINWALL (THICKNESS LESS THEN SCHEDULE 40 MORE THEN SCHEDULE 10 & FM APPROVED)

7. CONTRACTOR IS TO PERFORM A HYDROSTATIC TEST FOR 2 HRS. @ 200 PSI WITH NO LEAKAGE AND PROVIDE A TEST CERTIFICATE TO ENGINEER

8. CONTRACTOR IS TO EMPLOY EXPERIENCED WORKMEN WHO ARE TO FAMILIARIZE THEMSELVES WITH THE BUILDING AND OBSERVE SAFETY REQUIREMENTS.

9. CONTRACTOR TO ADJUST HEAD LOCATION TO COORDINATE WITH LIGHTS, DUCTS, ETC.

10. PERMIT FROM LOCAL AUTHORITY, TO BE OBTAINED BY CONTRACTOR.

11. ALL WORK TO BE APPROVED BY OWNERS ENGINEER, STATE AUTHORITIES HAVING JURISDICTION AND MUNICIPAL FIRE, PLUMBING, BUILDING AND WATER DEPARTMENTS.

12. U.L. AND/OR FM APPROVED EQUIPMENT TO BE USED.

13. WORK TO BE IN ACCORDANCE WITH MUNICIPAL WATER DEPT. RULES

14. SYSTEM IS TO BE MAINTAINED AND TESTED BY THE OWNER OR HIS AGENT IN ACCORDANCE WITH APPLICABLE LOCAL AND STATE CODES AND IN CONFORMANCE WITH NFPA 13A, LATEST EDITION.

15. IF BUILDING OCCUPANCY OR CONSTRUCTION CHANGES, THE SPRINKLER SYSTEM IS TO BE UPDATED ACCORDINGLY BY THE OWNER OR HIS AGENT.

16. CONTRACTOR IS TO NEATLY CUT AND PATCH IN A FIRST CLASS WORKMANLIKE MANNER, ALL HOLES AND PENETRATIONS IN WALLS, CEILINGS, FLOORS, PARTITIONS, ETC.

17. THE ENGINEER IS NOT RETAINED FOR SUPERVISION.

18. THE INSTALLATION OF THIS SYSTEM WILL REQUIRE THE CLOSING OF ONE OR MORE FIRE PROTECTION CONTROL VALVES. THESE VALVE CLOSURES SHOULD BE CLOSELY COORDINATED WITH THE OWNERS WHO SHOULD CONTACT THE LOCAL FIRE DEPARTMENT, INSURANCE INTERESTS, ETC. PRIOR TO VALVE CLOSURES.

19. ACTUAL DESIGN DENSITY MAY EXCEED STANDARDS, HOWEVER, IT IS A MINIMUM TO BE USED BY THE CONTRACTOR.

20. ALL ALARMS RELATING TO THE SPRINKLER SYSTEM SHOULD BE ACTIVATED UPON PLACING THE SPRINKLER SYSTEM IN SERVICE.

21. THE INSTALLATION COMPONENTS, SIZING, SPACING, MATERIALS LOCATION CLEARANCES, POSITION AND TYPE OF SYSTEM SHALL CONFORM TO NFPA 13 AND NYS UNIFORM FIRE PREVENTION BUILDING CODE LATEST EDITION.

22. SPRINKLERS SHALL BE PROTECTED AGAINST FREEZING AND INJURY AS PER NFPA CODE.

23. INSPECTION AND TESTS OF SPRINKLER SYSTEM SHALL BE CONDUCTED AS SPECIFIED IN NFPA CODE.

24. WATER SUPPLY TEST PIPES AND GAUGES SHALL BE PROVIDED AS SPECIFIED IN CHAPTER 2-9 OF NPPA 13.

25. PIPING SPECIFICATIONS, PIPE SCHEDULES, SYSTEM TEST PIPES, PROTECTION AGAINST CORROSION, DAMAGE FITTINGS, VALVES, HANGERS, SPRINKLERS, GUARDS AND SHIELDS SHALL BE IN ACCORDANCE WITH CHAPTER 3 AND CHAPTER 8 OF NFPA 13, LATEST EDITION. PIPING SHALL BE PAINTED TO PREVENT CORROSION.

26. STOCK OF EXTRA SPRINKLERS WILL BE FURNISHED AS PER CHAPTER 3 OF NFPA 13 (REQUIRED FOR EACH TEMPERATURE RATING).

27. SPRINKLER ALARMS WILL BE IN ACCORDANCE WITH NFPA 13.

28. SPACING, LOCATION AND POSITION OF SPRINKLERS SHALL BE IN ACCORDANCE WITH CHAPTER 4 OF NFPA 13.

29. ALL PIPING PASSING THROUGH WALLS SHALL COMPLY WITH NFPA FOR FIRE PROOFING.

30. DISTANCE OF SPRINKLERS FROM HEAT SOURCES SHALL BE IN ACCORDANCE WITH TABLE 3-16.6.3 OF NFPA 13.

31. PROVIDE WATER SUPPLY LETTER WITH FLOW TEST DATA.

32. ALL PIPES PASSING THROUGH FOUNDATION WALLS TO BE PROTECTED.

33. ALL VALVES SHALL BE IDENTIFIED AS REQUIRED BY NFPA 13.

34. DRAINAGE TO CONFORM TO CHAPTER 3-11 OF NFPA 13.

35. A ONE PIECE REDUCING FITTING OF GOOD DESIGN SHOULD BE USED WHEREVER A CHANGE IS MADE IN THE SIZE OF PIPE AS PER SECTION 3-12.2.7 OF NFPA 13.

36. ALL VALVES ON CONNECTIONS TO WATER SUPPLIES AND IN SUPPLY TO SPRINKLERS SHALL BE APPROVED O.S. &Y. OR APPROVED INDICATOR TYPE WITH TAMPER SWITCHES.

37. DRAIN VALVES AND TEST VALVES SHALL BE APPROVED TYPE AS PER SECTION 3-14.1.2 OF NFPA 13.

38. HANGERS SHALL BE OF A TYPE APPROVED FOR USE WITH THE PIPE OR TUBE INVOLVED, SPRINKLER PIPING SHOULD BE SUPPORTED BY ADJUSTABLE HANGERS PER NFPA 13, SECTION 3-15.

39. PROVISIONS SHOULD BE MADE TO FACILITATE FLUSHING SYSTEM PIPING BY PROVIDING FLUSHING CONNECTIONS CONSISTING OF A CAPPED NIPPLE 4" LONG ON THE END OF THE CROSS MAIN, AS PER SECTION 3- 8.2 OF NFPA 13.

40. SPRINKLER SHALL BE AN APPROVED TYPE AS PER SECTION 3-16 OF NFPA 13.

41. TEMPERATURE RATING SHALL COMPLY WITH SEC. 3-16.6 OF NFPA 13.

42. CLEARANCES BETWEEN SPRINKLERS AND STORAGE OR PARTITIONS AS PER NFPA 13, SECTION 4-2.5

43. SPACING AND LOCATION OF SPRINKLER SHALL COMPLY WITH CHAPTER 4 NFPA 13.

44. CONTRACTOR TO COORDINATE HIS WORK WITH OTHER TRADES.

45. ONLY EXPERIENCED SPRINKLER MECHANICS TO WORK ON THE SYSTEM.

46. ALL PIPING TO BE A MINIMUM OF 1" UNLESS OTHERWISE NOTED.

47. PROVIDE SHOP DRAWINGS WITH HYDRAULIC CALCULATIONS FOR REVIEW TO LOCAL FIRE MARSHALL AND INSURANCE UNDERWRITER AND ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.

48. ALL FIRE PROTECTION EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS/SPECIFICATIONS.

49. ALL FIRE PROTECTION EQUIPMENT SHALL BE MOUNTED ON MINIMUM 6" HIGH CONCRETE PAD UNLESS OTHERWISE NOTED (PAVER AND CINDER BLOCK IS NOT ACCEPTABLE).

DRY SYSTEM COMPRESSOR SCHEDULE

TAG	MANUFACTURER	MODEL	SERVICE	LOCATION	AVERAGE CFM	V.PH.HZ	HP	RECOMMENDED WIRE SIZE	DIMENSION (L"xW"xH")	WEIGHT (LBS)	NOTES
DC-1	GENERAL AIR PRODUCT	LT20033A	DRY SYSTEM	SPRINKLER ROOM	2.43	230.1.60	1/3	12	33x13x28	115	1,2,3

NOTES:

1. MOUNTING BRACKET.
2. PROVIDE AIR MAINTENANCE DEVICE (RELIABLE MODEL AMD-1)
3. PROVIDE WITH A 10 GALLON GENERAL AIR TANK
4. UL LISTED PRESSURE SWITCH. SET FOR 20 PSI ON AND 25 PSI OFF. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR PROPER AIR PRESSURE.

DRY PIPE VALVE SCHEDULE

MANUFACTURER	MODEL	SERVICE	LOCATION	SIZE (INCH)
RELIABLE	D	DRY SYSTEM	SPRINKLER EQUIP. ROOM	4

NOTES:

1. FACTORY PREASSEMBLED TRIM - BASIC
2. PROVIDE WITH RELIABLE B1 ACCELERATOR. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS

FIRE PROTECTION DRAWING LIST

SHEET NO.	SHEET NAME	REVISON NO.	REVISION DATE
NA-FP-01	FIRE PROTECTION NOTES, SYMBOLS, ABBREVIATIONS, AND DRAWING LIST	0	-
NA-FP-11	FIRE PROTECTION DEMOLITION FLOOR PLANS	0	-
NA-FP-22	FIRE PROTECTION CONSTUCTION FLOOR PLANS	0	-
NA-FP-71	FIRE PROTECTION RISER DIAGRAMS	0	-
NA-FP-81	FIRE PROTECTION DETAILS	0	-

CONSULTANT INFORMATION

LiRo Engineers, Inc.
A LiRo Group Company
Syosset, N.Y. 516-214-8157[T]

CONSULTANT SEAL

STATE OF NEW YORK · FRANK F. ULISSE · LICENSED PROFESSIONAL ENGINEER · No. 090111

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
NORTH ADMINISTRATION BUILDING
FIRE PROTECTION NOTES, SYMBOLS, ABBREV, AND DWG LIST

CONTRACT NUMBER: **20-501**
SHEET NUMBER: **NA-FP-01**
DWG NO.: Page 112 of 387
SCALE: AS NOTED
DATE: **09/16/2020**
DPW FILE NUMBER: 1-118-M-112
REV. NO. 0

SPRINKLER DEMOLITION NOTES:

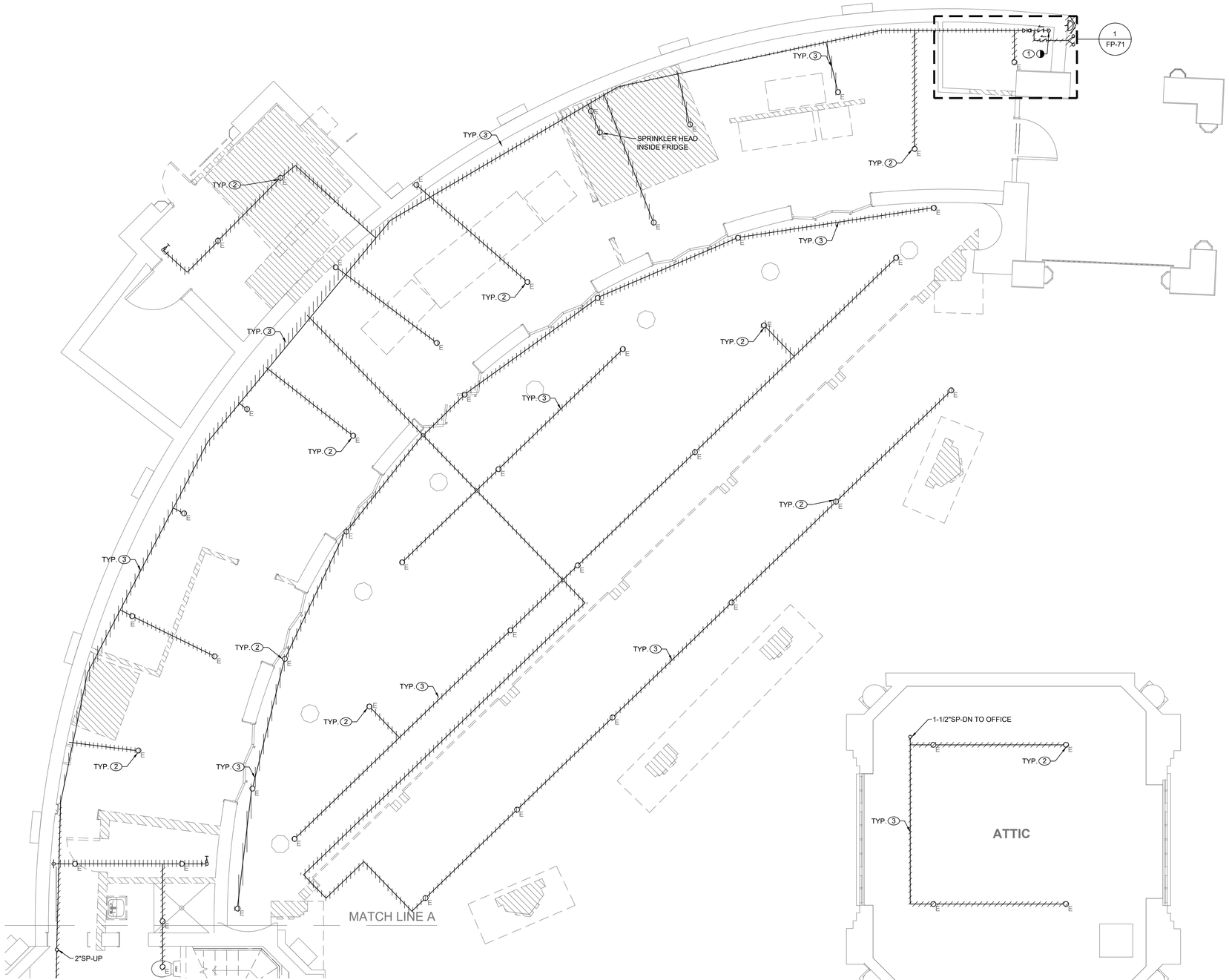
1. CUT AND TEMPORARY CAP EXISTING 4" FIRE SERVICE FOR FUTURE CONNECTION WITHIN FIRE SPRINKLER ROOM.
2. DEMOLISH ALL EXISTING SPRINKLER HEADS WITHIN THE BUILDING.
3. DEMOLISH ALL EXISTING DRY SPRINKLER PIPING WITHIN THE BUILDING.

GENERAL NOTES:

1. COORDINATE WITH FACILITY PRIOR TO SHUTDOWN OF FIRE PROTECTION SYSTEM FOR ANY DEMOLITION AND CONSTRUCTION WORK.

2. CONTRACTOR SHALL PROVIDE FIRE WATCH AS NEEDED FOR THE OLD MILL AND RESTROOMS WHILE SPRINKLER COVERAGE IS IMPACTED.

3. CONTRACTOR TO COORDINATE WITH FACILITY WHEN WORKING AROUND OR ABOVE THE RIDE COMPONENTS, AND PROVIDE ALL NECESSARY MEASURES TO PROTECT THESE COMPONENTS PER THE REQUIREMENTS OF THE FACILITY.



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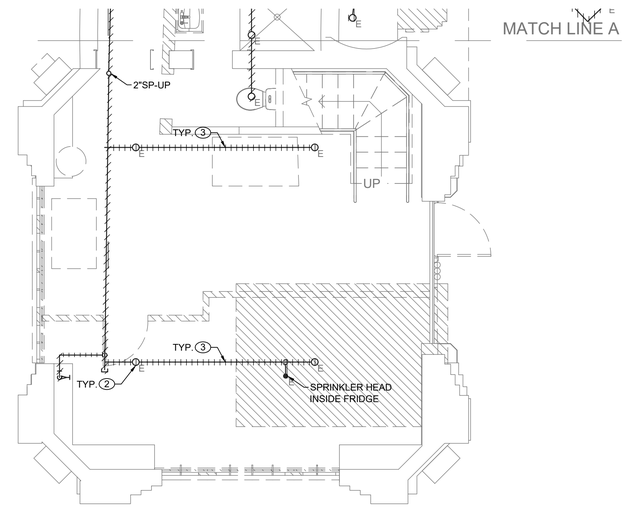
FIRE PROTECTION 1ST FL. NORTH ADMIN DEMOLITION PLAN

SCALE: 1/4" = 1'-0'



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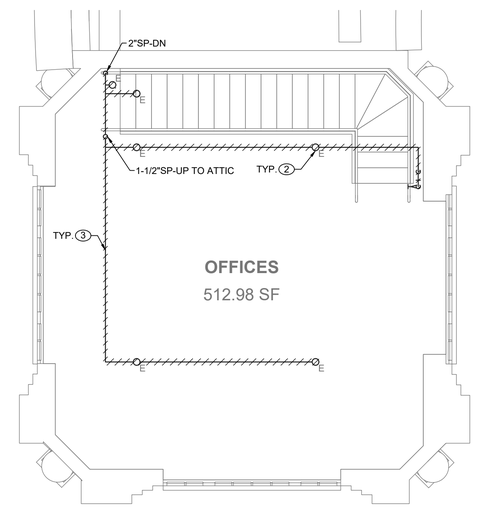
FIRE PROTECTION 1ST FL. TICKET DEMOLITION PLAN

SCALE: 1/4" = 1'-0'

N

FIRE PROTECTION ATTIC DEMOLITION PLAN

SCALE: 1/4" = 1'-0'



N

FIRE PROTECTION 2ND FL. OFFICE DEMOLITION PLAN

SCALE: 1/4" = 1'-0'

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STATE OF NEW YORK · FRANK F. ULISSE · LICENSED PROFESSIONAL ENGINEER · 090111

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
NORTH ADMINISTRATION BUILDING
FIRE PROTECTION DEMOLITION FLOOR PLANS

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-FP-11
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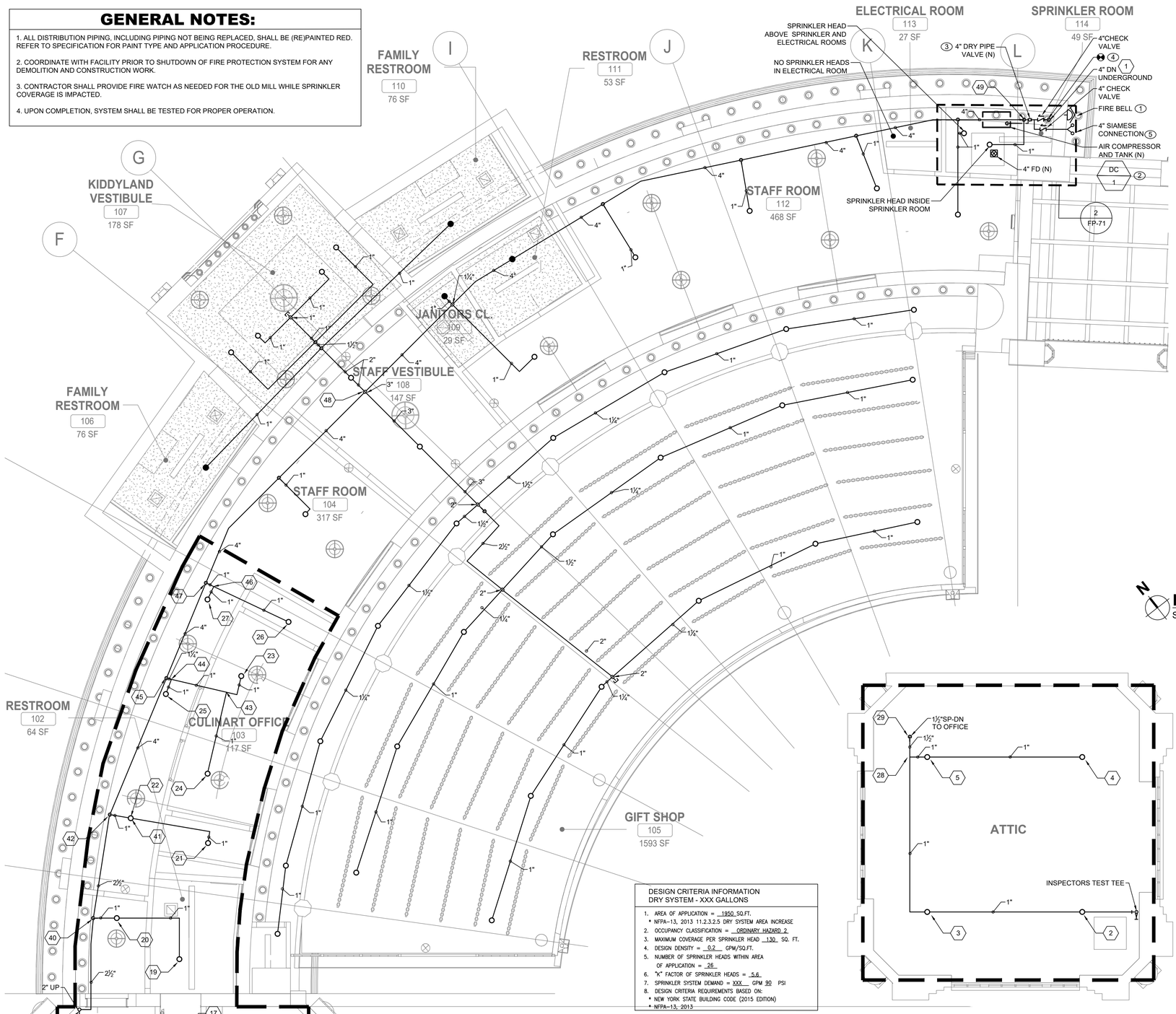
DPW FILE NUMBER	1-118-M-113
REV. NO.	0

GENERAL NOTES:

1. ALL DISTRIBUTION PIPING, INCLUDING PIPING NOT BEING REPLACED, SHALL BE (RE)PAINTED RED. REFER TO SPECIFICATION FOR PAINT TYPE AND APPLICATION PROCEDURE.
2. COORDINATE WITH FACILITY PRIOR TO SHUTDOWN OF FIRE PROTECTION SYSTEM FOR ANY DEMOLITION AND CONSTRUCTION WORK.
3. CONTRACTOR SHALL PROVIDE FIRE WATCH AS NEEDED FOR THE OLD MILL WHILE SPRINKLER COVERAGE IS IMPACTED.
4. UPON COMPLETION, SYSTEM SHALL BE TESTED FOR PROPER OPERATION.

SPRINKLER CONSTRUCTION NOTES:

1. INSTALL NEW FIRE BELL AND RECONNECT TO EXISTING ALARM SYSTEM. FIRE BELL SHALL BE LOCATED IN THE SAME LOCATION OF THE CURRENTLY INSTALLED AND CONNECTED FIRE BELL.
2. INSTALL NEW AIR COMPRESSOR AND AIR PIPING. AIR COMPRESSOR SHALL BE INSTALLED ON A CONCRETE PAD. LOCATION OF THE NEW AIR COMPRESSOR AND TANK SHALL BE LOCATED IN THE FIELD. PROVIDE A SHUT OFF VALVE ON THE PIPING FROM THE AIR COMPRESSOR.
3. INSTALL NEW 4" DRY VALVE. RECONNECT FIRE ALARM DEVICES TO EXISTING SYSTEM.
4. RECONNECT EXISTING 4" FIRE SERVICE WITH NEW WITHIN EXISTING FIRE SPRINKLER ROOM.
5. INSTALL NEW SIGNAGE AND NEW SIAMESE CONNECTION. SUCH SIGN SHALL HAVE THE LETTERS "FDC" AT LEAST 6 INCHES (152 MM) HIGH AND AN ARROW TO INDICATE THE LOCATION OF THE SIAMESE CONNECTION. SIGN SHALL BE LOCATED IN FRONT OF THE GAMES ROW NORTH BATHROOM AND POINTING IN THE DIRECTION OF THE SIAMESE CONNECTION. SIGN SHALL BE SUBJECT TO THE APPROVAL OF THE FIRE CODE OFFICIAL.



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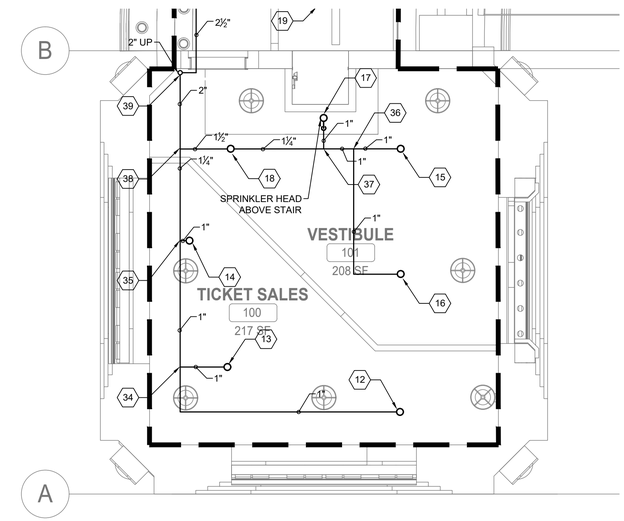
FIRE PROTECTION 1ST FL. NORTH ADMIN CONSTRUCTION PLAN

SCALE: 1/4" = 1'-0'



N

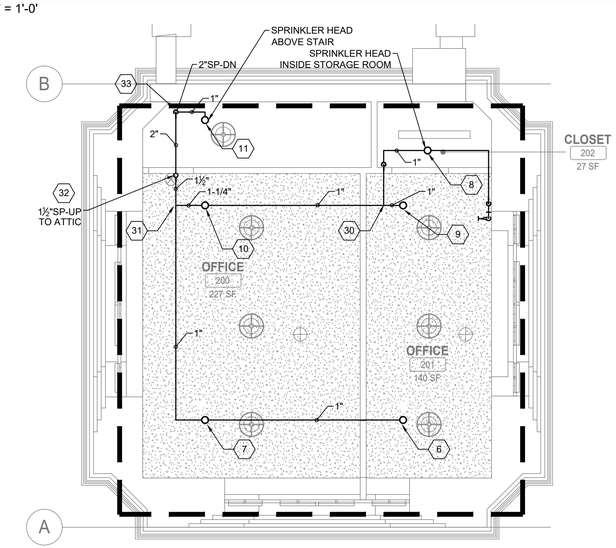
FIRE PROTECTION 1ST FL. TICKET CONSTRUCTION PLAN

SCALE: 1/4" = 1'-0'

N

FIRE PROTECTION ATTIC CONSTRUCTION PLAN

SCALE: 1/4" = 1'-0'



N

FIRE PROTECTION 2ND FL. OFFICES CONSTRUCTION PLAN

SCALE: 1/4" = 1'-0'

DESIGN CRITERIA INFORMATION
DRY SYSTEM - XXX GALLONS

1. AREA OF APPLICATION = 1950 SQ.FT.
   * NFPA-13, 2013 11.2.3.2.5 DRY SYSTEM AREA INCREASE
2. OCCUPANCY CLASSIFICATION = ORDINARY HAZARD 2
3. MAXIMUM COVERAGE PER SPRINKLER HEAD 130 SQ. FT.
4. DESIGN DENSITY = 0.2 GPM/SQ.FT.
5. NUMBER OF SPRINKLER HEADS WITHIN AREA OF APPLICATION = 26
6. "K" FACTOR OF SPRINKLER HEADS = 5.6
7. SPRINKLER SYSTEM DEMAND = XXX GPM 90 PSI
8. DESIGN CRITERIA REQUIREMENTS BASED ON:
   * NEW YORK STATE BUILDING CODE (2015 EDITION)
   * NFPA-13, 2013

CONSULTANT INFORMATION

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CONSULTANT SEAL

STATE OF NEW YORK · FRANK F. DLUSSKIN · LICENSED PROFESSIONAL ENGINEER · 090117

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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
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INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
NORTH ADMINISTRATION BUILDING
FIRE PROTECTION CONSTUCTION FLOOR PLANS

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-FP-22
DWG NO.:	Page 114 of 387
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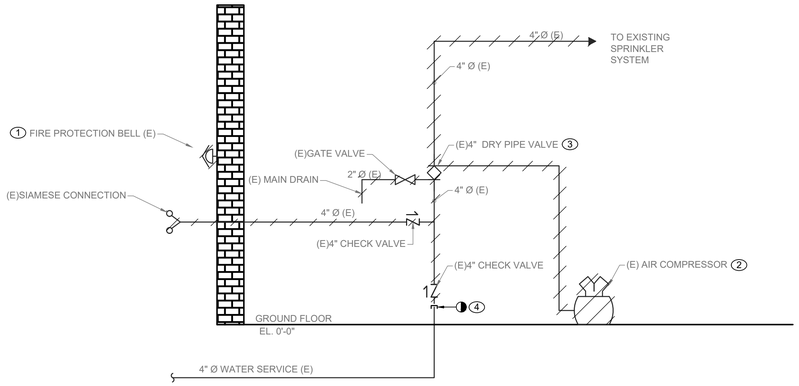
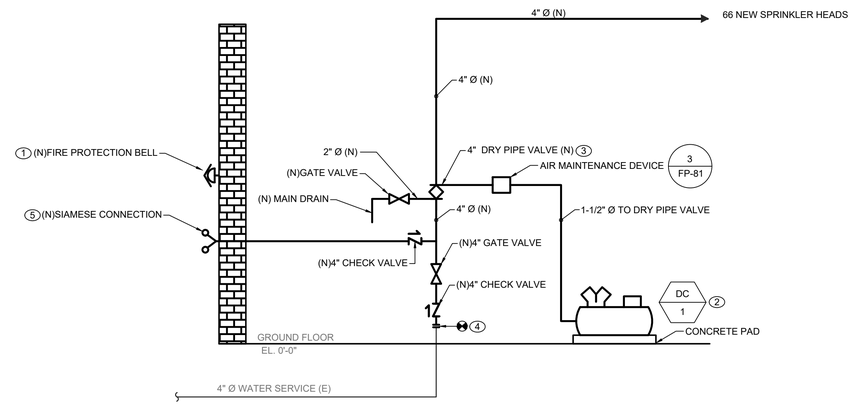
DATE:	09/16/2020
DPW FILE NUMBER	1-118-M-114
REV. NO.	0



1 / FP-71 FIRE SPRINKLER ROOM RISER - DEMOLITION

SCALE: NOT TO SCALE



2 / FP-71 FIRE SPRINKLER ROOM RISER - CONSTRUCTION

SCALE: NOT TO SCALE

SPRINKLER DEMOLITION NOTES:

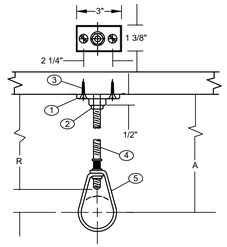
1. DISCONNECT FROM FIRE ALARM SYSTEM & DEMOLISH EXISTING FIRE BELL.
2. DEMOLISH EXISTING AIR COMPRESSOR AND ASSOCIATED AIR PIPING.
3. DEMOLISH EXISTING 4" DRY VALVE. DISCONNECT EXISTING FIRE ALARM DEVICES FOR FUTURE CONNECTION.
4. CUT AND TEMPORARILY CAP EXISTING 4" FIRE SERVICE FOR FUTURE CONNECTION WITHIN FIRE SPRINKLER ROOM.

SPRINKLER CONSTRUCTION NOTES:

1. INSTALL NEW FIRE BELL AND RECONNECT TO EXISTING ALARM SYSTEM. FIRE BELL SHALL BE LOCATED IN THE SAME LOCATION OF THE CURRENTLY INSTALLED AND CONNECTED FIRE BELL.
2. INSTALL NEW AIR COMPRESSOR AND AIR PIPING. AIR COMPRESSOR SHALL BE INSTALLED ON A CONCRETE PAD. LOCATION OF THE NEW AIR COMPRESSOR AND TANK SHALL BE LOCATED IN THE FIELD. PROVIDE A SHUT OFF VALVE ON THE PIPING FROM THE AIR COMPRESSOR.
3. INSTALL NEW 4" DRY VALVE. RECONNECT FIRE ALARM DEVICES TO EXISTING SYSTEM.
4. RECONNECT EXISTING 4" FIRE SERVICE TO NEW WITHIN EXISTING FIRE SPRINKLER ROOM.
5. INSTALL NEW SIGNAGE AND NEW SIAMESE CONNECTION. SUCH SIGN SHALL HAVE THE LETTERS "FDC" AT LEAST 6 INCHES (152 MM) HIGH AND AN ARROW TO INDICATE THE LOCATION OF THE SIAMESE CONNECTION. SIGN SHALL BE LOCATED IN FRONT OF THE GAMES ROW NORTH BATHROOM AND POINTING IN THE DIRECTION OF THE SIAMESE CONNECTION. SIGN SHALL BE SUBJECT TO THE APPROVAL OF THE FIRE CODE OFFICIAL.

GENERAL NOTES:

2. ALL DISTRIBUTION PIPING, INCLUDING PIPING NOT BEING REPLACED, SHALL BE (RE)PAINTED RED. REFER TO SPECIFICATION FOR PAINT TYPE AND APPLICATION PROCEDURE.
3. COORDINATE WITH FACILITY PRIOR TO SHUTDOWN OF FIRE PROTECTION SYSTEM FOR ANY DEMOLITION AND CONSTRUCTION WORK.
4. CONTRACTOR SHALL PROVIDE FIRE WATCH AS NEEDED FOR THE BUILDING WHILE SPRINKLER COVERAGE IS IMPACTED.
5. UPON COMPLETION OF NEW EQUIPMENT, SYSTEM SHALL BE TESTED FOR PROPER OPERATION.
6. CONTRACTOR TO COORDINATE WITH FACILITY WHEN WORKING AROUND OR ABOVE THE RIDE COMPONENTS, AND PROVIDE ALL NECESSARY MEASURES TO PROTECT THESE COMPONENTS PER THE REQUIREMENTS OF THE FACILITY.



COMPONENTS

1. CLIP (CEILING FLANGE)
2. HEX NUT
3. WOOD SCREW
4. HANGER ROD
5. ADJUSTABLE HANGER RING

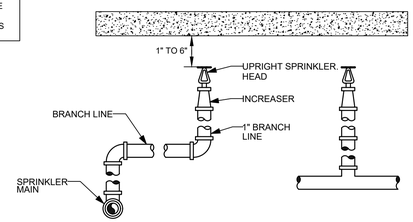
NFPA REQUIREMENTS / LIMITATIONS

1. NFPA 13 PERMITS THE USE OF 2 SCREW CEILING FLANGES ONLY
2. HAVING DIMENSIONS NOT LESS THAN THOSE OF NO. 18 X 1 1/2" WOOD SCREWS. DRIVE SCREWS AND NAILS ARE NOT ACCEPTABLE FASTENERS AND WOOD SCREWS ARE NOT TO BE DRIVEN.
3. FOR PIPE SIZES UP TO 2" AND IT CALLS FOR THE USE OF SCREWS

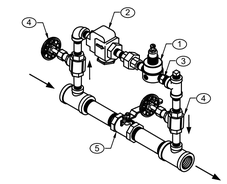
DESIGN DATA FOR CLIP HANGERS

NOMINAL PIPE SIZE	MINIMUM A DIMENSION	HANGER TAKEOUT	ROD DIAMETER	FASTENERS	
	INCHES	INCHES	INCHES	QTY	ITEMS
1/2	3 3/4	-1 1/4	3/8	1 2 1	3/8" CEILING FLANGE (CLIP) NO. 18 X 1 1/2" FLAT HEAD WOOD SCREWS 3/8" HEX NUT
3/4	3 3/4	-1 1/4	"		SEE ABOVE
1	3 3/4	-1 1/4	"		" "
1 1/4	4	-1 1/2	"		" "
1 1/2	4	-1 1/2	"		" "
2	4 1/4	-1 3/4	"		" "

1 FP-81 PIPE HANGER DETAIL
SCALE: NOT TO SCALE



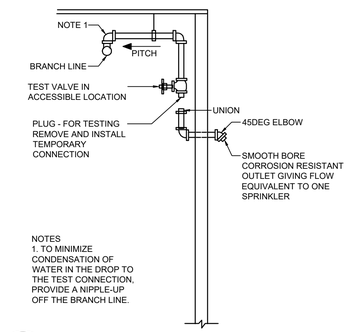
2 FP-81 UPRIGHT SPRINKLER DETAIL
SCALE: NOT TO SCALE



TRIMS:
1. REGULATOR, 5-100 PSI
2. STRAINER, 1/4" NPT, 90
3. CHECK VALVE, 1/4"
4. GLOBE VALVE, 1/4"
5. BALL VALVE, 3/4"

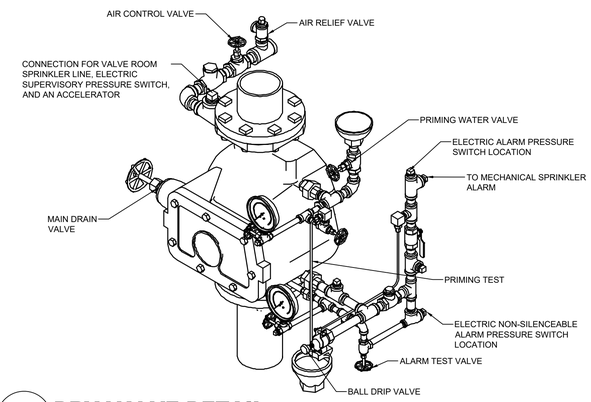
NOTES:
1. PROVIDE PRESSURE GAUGE UPSTREAM AND DOWNSTREAM OF AIR MAINTENANCE DEVICE.
2. PROVIDE RELIEF VALVE DOWNSTREAM OF AIR MAINTENANCE DEVICE, AND IT SHALL BE SET TO RELIEF PRESSURE NO LESS THAN 10 PSI IN EXCESS OF SYSTEM AIR PRESSURE PROVIDED.

3 FP-81 AIR MAINTENANCE DEVICE DETAIL
SCALE: NOT TO SCALE

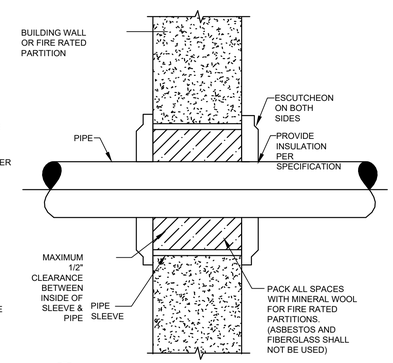


NOTES
1. TO MINIMIZE CONDENSATION OF WATER IN THE DROP TO THE TEST CONNECTION, PROVIDE A NIPPLE-UP OFF THE BRANCH LINE.

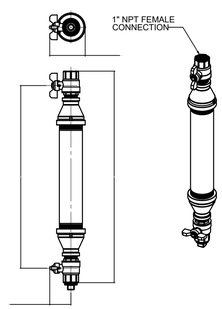
4 FP-81 DRY PIPE TEST CONNECTION
SCALE: NOT TO SCALE



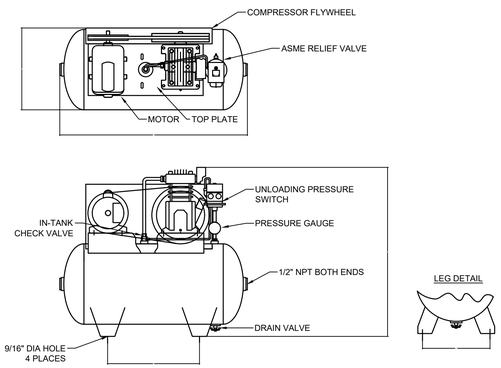
5 FP-81 DRY VALVE DETAIL
SCALE: NOT TO SCALE



6 FP-81 PIPE PENETRATION
SCALE: NOT TO SCALE



7 FP-81 DRY SYSTEM AUXILIARY DRAIN
SCALE: NOT TO SCALE



8 FP-81 DRY SYSTEM COMPRESSOR
SCALE: NOT TO SCALE

CONSULTANT INFORMATION

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A LiRo Group Company
Syosset, N.Y. 516-214-8157[T]

CONSULTANT SEAL

STATE OF NEW YORK · FRANK F. ULISSE · LICENSED PROFESSIONAL ENGINEER · No. 090711

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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WESTCHESTER COUNTY, NEW YORK
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INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
NORTH ADMINISTRATION BUILDING
FIRE PROTECTION DETAILS

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-FP-81
DWG NO.:	Page 116 of 387
SCALE:	AS NOTED
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DPW FILE NUMBER	1-118-M-116
REV. NO.	0

PLUMBING SYMBOL LIST

IDENTIFIER	DESCRIPTION
——— – – ———CW	NEW DOMESTIC COLD WATER
——— – – ———HW	NEW DOMESTIC HOT WATER
——— – – ———TW	NEW TEMPERED WATER
——— S ———	NEW SANITARY PIPING (ABOVE SLAB)
– – – – S – – – – –	NEW SANITARY PIPING (UNDER SLAB)
- - - - - - - - V - - - - - - - - - -	NEW SANITARY VENT PIPING
◕	FIELD CONNECT
◐	FIELD DISCONNECT
(F#)	REFER TO SUPPLEMENTAL FIGURE INDICATED BY NUMBER (I.E. F2 REFERS TO FIGURE 2)
XXX / XX	EQUIPMENT TAG / EQUIPMENT NUMBER
XXX / X-XXX	DETAIL TAG/CALL OUT TAG / PLUMBING SHEET NUMBER

PIPING ELEMENTS/VALVING

- BACKFLOW PREVENTER (DOUBLE CHECK VALVE ASSEMBLY)
- BALL VALVE
- CAP ON END OF PIPE
- CO — CLEANOUT
- FD — FLOOR DRAIN
- GATE VALVE
- HB — HOSE BIBB
- NFHB — NON FREEZE HOSE BIBB IN BOX W/VACUUM BREAKER
- P-TRAP
- PIPE DROPPING DOWN
- PIPE RISING UP
- SWING CHECK VALVE
- TEE OUTLET DOWN
- TEE OUTLET UP
- VALVE IN RISE OR DROP
- W.C.O. — WALL CLEAN OUT
- WHA — WATER HAMMER ARRESTER

SCOPE OF WORK

PLUMBING SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO:

1. THE INSTALLATION OF NEW PLUMBING FIXTURES AND ALL ASSOCIATED PIPING AND ACCESSORIES.

2. THE INSTALLATION OF NEW SANITARY AND DOMESTIC WATER SERVICES.

NOTE: THIS SCOPE OF WORK DESCRIPTION IS PROVIDED TO GIVE AN OVERALL "MACRO" DESCRIPTION OF THIS PROJECT .P.C. IS RESPONSIBLE TO REVIEW ALL ENGINEERING & ARCHITECTURAL DRAWINGS & VISIT THE SITE IF NEEDED, PRIOR TO SUBMISSION OF BID.

CODE REFERENCE

2020 NEW YORK STATE BUILDING CODE
2020 NEW YORK STATE MECHANICAL CODE
2020 NEW YORK STATE PLUMBING CODE
2020 NEW YORK STATE ENERGY CONSERVATION CODE

SECTION 704
DRAINAGE PIPING INSTALLATION

704.1 SLOPE OF HORIZONTAL DRAINAGE PIPING.

HORIZONTAL DRAINAGE PIPING SHALL BE INSTALLED IN UNIFORM ALIGNMENT AT UNIFORM SLOPES. THE MINIMUM SLOPE OF HORIZONTAL DRAINAGE PIPE SHALL BE IN ACCORDANCE WITH TABLE 704.1.

TABLE 704.1
SLOPE OF HORIZONTAL DRAINAGE PIPE

SIZE (INCHES)	MINIMUM SLOPE (INCH PER FOOT)
2 1/2 OR LESS	1/4
3 TO 6	1/8
8 OR LARGER	1/16

LEED NOTES

1. ALL ADHESIVES, SEALANTS, PAINTS & COATINGS APPLIED TO THE INTERIOR OF THE BUILDING (WITHIN THE WEATHER PROOFING SYSTEM, INCLUDING WALL CAVITIES) MUST NOT EXCEED THE LEED VOC LIMITS. PROVIDE A VOC SUBMITTAL AND MSDS FOR ALL ADHESIVES, SEALANTS, PAINTS AND COATINGS TO BE APPLIED.

PLUMBING GENERAL NOTES:

1. ALL PLUMBING WORK UNDER THIS CONTRACT SHALL CONFORM TO THE LATEST EDITION OF THE PLUMBING CODE OF NEW YORK STATE (PC-NYS). THE NEW YORK STATE ENERGY CODE, AND THE REQUIREMENTS OF THE UTILITY AND THE LOCAL WATER COMPANY.
2. ALL MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE.
3. THE PLUMBING CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ALL LABOR AND MATERIALS SUPPLIED AND INSTALLED UNDER THIS CONTRACT AND SHALL GUARANTEE THE WORK PERFORMED UNDER THIS CONTRACT FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF ACCEPTANCE OF THIS WORK.
4. PLUMBING CONTRACTOR SHALL CONSULT WITH, COOPERATE AND COORDINATE WITH THE GENERAL CONTRACTOR, MECHANICAL CONTRACTOR, SPRINKLER CONTRACTOR, ELECTRICAL CONTRACTOR, ETC. IN ORDER TO MINIMIZE INTERFERENCES BETWEEN TRADES DURING PERFORMANCE OF THIS WORK.
5. THE PLUMBING CONTRACTOR SHALL PREPARE AND FILE ALL REQUIRED PLANS AND PERMITS WITH THE LOCAL AUTHORITIES. PC SHALL PAY THE FILING FEES AS REQUIRED. PC SHALL OBTAIN ALL APPROVALS AND SHALL PAY FOR ALL WORK PERMITS, INSPECTIONS AND SIGN-OFFS AS REQUIRED TO EXECUTE THIS WORK IN A MANNER IN CONFORMANCE WITH THE CODES AND AUTHORITIES HAVING JURISDICTION.
6. THE PLUMBING CONTRACTOR SHALL PERFORM ALL TESTS AND ARRANGE FOR ALL INSPECTIONS FOR WORK UNDER HIS CONTRACT AS REQUIRED BY LAW AND SHALL SUPPLY ALL CERTIFICATES OF INSURANCE AS REQUIRED BY THE LAW AND THE OWNER. REFER TO SECTION 107 (INSPECTIONS) OF THE PC-NYS.
7. THE PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO ALL PLUMBING EQUIPMENT REGARDLESS WHETHER ILLUSTRATED HEREIN WITHOUT ANY ADDITIONAL COSTS TO THE OWNER.
8. PLUMBING CONTRACTOR SHALL VISIT THE SITE & BECOME FAMILIAR WITH THE EXISTING CONDITIONS, INCLUDING THE SIZE OF CONNECTIONS, ROUGHING DIMENSIONS, ETC. BEFORE SUBMITTING A QUOTATION FOR THE WORK.
9. PLUMBING CONTRACTOR SHALL PERFORM ALL CUTTING, EXCAVATION, BACKFILLING, ROUGH & FINISH PATCHING AS PER THE SPECIFICATIONS AS REQUIRED FOR THE INSTALLATION OF THE WORK, UNLESS NOTED OTHERWISE.
10. ALL CONNECTIONS TO NEW AND/OR EXISTING EQUIPMENT SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
11. IT IS THE INTENT OF THIS CONTRACT THAT THE COMPLETED WORK BE FULLY OPERATIONAL.
12. ALL PIPE HANGERS AND SUPPORTS SHALL BE INSTALLED AT INTERVALS AND BE FABRICATED OF MATERIALS AS REQUIRED BY THE PC-NYS.
13. ALL NEW PLUMBING FIXTURES SHALL BE INSTALLED WITH ANGLE STOP VALVES IN THE SUPPLY LINES SERVING THE FIXTURE.
14. ALL NEW EXPOSED WATER AND WASTE PIPING SERVING THE FIXTURES SHALL BE CHROME PLATED AND SHALL HAVE CHROME PLATED ESCUTCHEONS RIGIDLY ATTACHED TO THE PIPING AT THE POINT OF WALL OR FLOOR PENETRATIONS.
15. PLUMBING CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL NEW PLUMBING FIXTURES AND EQUIPMENT TO BE SUPPLIED AND INSTALLED UNDER THIS CONTRACT FOR APPROVAL BEFORE INSTALLATION OF SAME.
16. WATERPROOF PIPE SLEEVES SHALL BE INSTALLED AT ALL PENETRATIONS THROUGH EXTERIOR WALLS. PIPE SLEEVES SHALL BE INSTALLED AT ALL WALL PENETRATIONS THROUGH INTERIOR WALLS AND FLOORS.
17. WATER HAMMER ELIMINATORS (APPROVED - FIELD FABRICATED OR MANUFACTURED) SHALL BE INSTALLED AT ALL RUN OUTS IN HOT AND/OR COLD WATER LINES SERVING TOILET ROOMS AND OTHER AREAS WHICH INCORPORATE "RAPID - ACTION" VALVES SUCH AS FLUSHOMETERS, SOLENOID VALVES, ETC.
18. ALL PIPING SHALL BE TESTED AT A MINIMUM PRESSURE OF 1-1/2 TIMES THE MAXIMUM OPERATING PRESSURE UNLESS OTHERWISE NOTED ON THE DOCUMENTS OR THE PLUMBING CODE AND IN ACCORDANCE WITH THE UTILITY REQUIREMENTS.
19. ALL REMOVALS PERFORMED UNDER THIS CONTRACT SHALL INCLUDE REMOVAL OF ALL DEBRIS AND DISPOSAL AT AN APPROPRIATE SITE.
20. ALL LAVATORIES DESIGNED FOR USE BY PERSONS CONFINED TO WHEELCHAIRS SHALL HAVE THE HOT & COLD WATER SERVICES, AS WELL AS THE TRAP, RECESSED & INSULATED IN ACCORDANCE WITH ADA REQUIREMENTS.
21. REFER TO THE ARCHITECTURAL PLANS FOR ALL STRUCTURAL DIMENSIONS.
22. ALL WORK TO BE COORDINATED WITH OTHER TRADES.
23. ALL PIPING PENETRATIONS TO BE SEALED AROUND WITH "NELSON" FIRE SEAL.
24. ALL WATER SERVICE PIPING WITHIN THE BUILDING IS TO BE INSULATED IN ACCORDANCE WITH ALL NEW YORK STATE PLUMBING CODE (NYS-PC) AND NYS ENERGY CODES.
25. ALL PLUMBING FIXTURES TO BE INSTALLED AS PER FACTORY RECOMMENDATIONS.
26. ALL PLUMBING FIXTURES TO BE TRAPPED, VENTED AND PROVIDED WITH AIR SHOCKS WHEN REQUIRED.
27. PLUMBING FIXTURES SHALL COMPLY WITH "WATER CONSERVATION" REQUIREMENT AS DETAILED IN THE NYS-PC.
28. GC IS RESPONSIBLE TO SUBMIT APPLICATION AND TAP FEES TO LOCAL WATER AUTHORITY AND HAVE OWNER FILL OUT APPLICATION UPON COMPLETION OF PLUMBING ROUGH-IN INSPECTION.
29. ALL WATER AND HORIZONTAL STORM DRAIN PIPING INCLUDING ROOF DRAIN BODY SHALL BE INSULATED.
30. FLOOR DRAINS AND FLOOR CLEAN-OUTS SHALL BE SET LEVEL WITH FINISHED FLOORS.
31. ALL PIPE DIMENSIONS ARE INSIDE CLEAR.
32. ALL PLUMBING FIXTURES TO HAVE ISOLATION VALVES.
33. P.C. IS RESPONSIBLE TO ADJUST HOT WATER HEATER (WH) TEMPERATURE TO ENSURE A TEMPERATURE RANGE OF 110°F TO 120°F AT THE INDIVIDUAL FIXTURE OUTPUT. P.C. MUST ENSURE A TEMPERATURE OF 120° F MAXIMUM AT THE FIXTURES TO PREVENT SCALDING.
34. BUILDING DOMESTIC WATER DEMAND & SIZING IS CALCULATED FROM NYS-PC SECTION 603, 604 & APPENDIX E.
35. BUILDING SANITARY DEMAND & SIZING IS CALCULATED FROM NYS-PC SECTIONS 709 AND 710.
36. ALL DFU CALCULATIONS ARE BASED OFF OF TABLE 709.1 OF THE NYS-PC.
37. ALL SANITARY WATER PIPING SHALL BE PITCHED IN ACCORDANCE WITH NYS-PC SECTION 704 BASED ON TABLE 704.1 SLOPE OF HORIZONTAL DRAINAGE PIPE.
38. ALL VENT SIZING IS BASED OFF OF SECTION 916 OF THE NYS PLUMBING CODE.
39. ALL PLUMBING EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS/SPECIFICATIONS.

ABBREVIATIONS:

AD	ACCESS DOOR
BFP	BACKFLOW PREVENTER
CO	CLEAN OUT
CW	COLD WATER
DCV	DOUBLE CHECK VALVE
DFU	DRAINAGE FIXTURE UNIT
DPCO	DECK PLATE CLEAN OUT
FC	FIELD CONNECT
FD	FLOOR DRAIN
FFD	FUNNEL FLOOR DRAIN
FU	FIXTURE UNIT
HW	HOT WATER
HWR	HOT WATER RETURN
IAW	IN ACCORDANCE WITH
IWFD	INDIRECT WASTE FUNNEL DRAIN
LAV	LAVATORY
JS	JANITOR'S SINK
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NYS-PC	NEW YORK STATE PLUMBING CODE
RD	ROOF DRAIN
S	SANITARY
SD	STORM DRAIN
TMV	THERMOSTATIC MIXING VALVE
U.O.N.	UNLESS OTHERWISE NOTED
UR	URINAL
V	VENT
WC	WATER CLOSET
PC	PLUMBING CONTRACTOR
MC	MECHANICAL CONTRACTOR
TYP.	TYPICAL
VIF	VERIFY IN FIELD
WCO	WALL CLEAN OUT
WFU	WATER FIXTURE UNITS

THE ABBREVIATIONS ARE SHOWN FOR GENERAL REFERENCE ONLY. THE PRESENCE OF AN ABBREVIATION ON THIS LIST DOES NOT IMPLY ITS USE ON THIS PROJECT. REFER TO DRAWINGS FOR SPECIFIC ABBREVIATIONS USED.

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	SERVICE						BASED ON:			REMARKS
		TRAP	S/W	V	CW	TW	HW	ITEM	MANUFACTURER	MODEL	
PF-1	WALL MOUNTED WATER CLOSET	-	4"	2"	1-1/2"	-	-	BOWL FLUSH VALVE SEAT CARRIER	SLOAN	ST-2459	FLUSH VALVE SLOAN 8111 SFSM-1.28
PF-3	LAVATORY - WALL-MOUNT	1-1/2"	1-1/2"	1-1/2"	-	1/2"	-	FAUCET SUPPORT DRAIN TRIM	DURAVIT	2350500030	FAUCET AMERICAN STANDARD 702B.103
PF-5	SERVICE SINK	3"	3"	2"	1/2"	-	1/2"	FAUCET DRAIN TRIM	MUSTEE	63M	FAUCET AMERICAN STANDARD 8344.212
PF-6	DRINKING FOUNTAIN (BI-LEVEL) W/BOTTLE FILLING	1-1/2"	1-1/2"	1-1/2"	3/4"	-	-	CARRIER	ELKAY	LK4409BF	
PF-10	ADA SHOWER	2"	2"	2"	1/2"	1/2"	-	SH-R KIT AMERICAN STANDARD 1662607.002	STERN-WILLIAMS	54-HC	MIXING VALVE AMERICAN STANDARD TU105500.002

NOTES:
1. PROVIDE ALL REQUIRED HANGERS, MOUNTING BRACKETS, AND HARDWARE FOR A COMPLETE INSTALLATION PER MANUFACTURES INSTRUCTIONS.
2. PROVIDE ALL LAVATORIES WITH POWER KIT PK00.WRK BATTERY PACK W/HOLDER AND MIXING VALVE 605XTMV1070.
3. PROVIDE INSTANTANEOUS WATER HEATERS FOR LAVATORIES AND SERVICE SINKS.

FLOOR DRAIN SCHEDULE

TAG	TYPE	MANUFACTURER	MODEL	SERVICE
FD-1	ADJUSTABLE	ZURN	FD-2320-R5	ALL SPACES

NOTES:
1. PROVIDE THE FOLLOWING FOR FD-1; CHORME PLATED STRAINER ASSEMBLY, 1/2" TRAP PRIMER CONNECTION, 6" NICKEL HEAD ASSEMBLY, AND VANDAL PROOF.

ELECTRIC DOMESTIC HOT WATER HEATER SCHEDULE

TAG	MANUFACTURER	MODEL	LOCATION	HEATER KW	STORAGE WATER TEMP SETPOINT (DEG F)	ELECTRICAL		DIMENSION	APPROX. SHIPPING WEIGHT (LBS)
						V-PH-HZ	AMPS	HxWxD (IN)	
WH-1	EEMAX	SPEX3208	UNDER LAVATORY	3	110	208-1-60	15	10.75x5.25x3	3
WH-2	EEMAX	SPEX8208	UNDER LAVATORY	8.3	110	208-1-60	40	10.75x5.25x3	3

NOTES:

CLEANOUT SCHEDULE

TAG	TYPE	MANUFACTURER	MODEL
CO	CLEANOUT OUTDOOR	WATTS	CO-200-RX
WCO	WALL CLEANOUT	WATTS	CO-450-RD
DPCO	ADJUSTABLE DECK PLATE CLEAN OUT	WATTS	CO-1200-R

DOUBLE CHECK VALVE SCHEDULE

TAG	MANUFACTURER	MODEL	LOCATION	SIZE (IN)	PRESSURE DROP (PSI)
DCV-1	WATTS	LF007M1QT-S	CORRIDOR AREA	2	6

NOTES:
1. PROVIDE STRAINER FOR DOUBLE CHECK VALVE.

TRAP PRIMER

TAG	MANUFACTURER	MODEL
TP-1	PRECISION PLUMBING PRODUCTS	P2-500

NOTES:
1. INSTALL MINIMUM 12" A.F.F.
2. MAXIMUM 20' FROM FLOOR DRAIN
3. INSTALL WITH A SHUT OFF VALVE ON THE INLET AND A UNION CONNECTION ON THE OUTLET.

PLUMBING DRAWING LIST

SHEET NO.	SHEET NAME	REVISON NO.	REVISION DATE
NA-P-01	PLUMBING NOTES, SYMBOLS, ABBREVIATIONS AND DRAWING LIST	0	-
NA-P-11	PLUMBING DEMOLITION PLANS	0	-
NA-P-21	PLUMBING SANITARY/VENT CONSTRUCTION PLANS	0	-
NA-P-22	PLUMBING DOMESTIC WATER CONSTRUCTION PLANS	0	-
NA-P-61	PLUMBING RISER DIAGRAMS	0	-
NA-P-81	PLUMBING DETAILS	0	-

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CONSULTANT SEAL
STATE OF NEW YORK · FRANK F. ULISE · LICENSED PROFESSIONAL ENGINEER · No. 090111

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
NORTH ADMINISTRATION BUILDING
PLUMBING NOTES, SYMBOLS, ABBREVIATIONS AND DRAWING LIST

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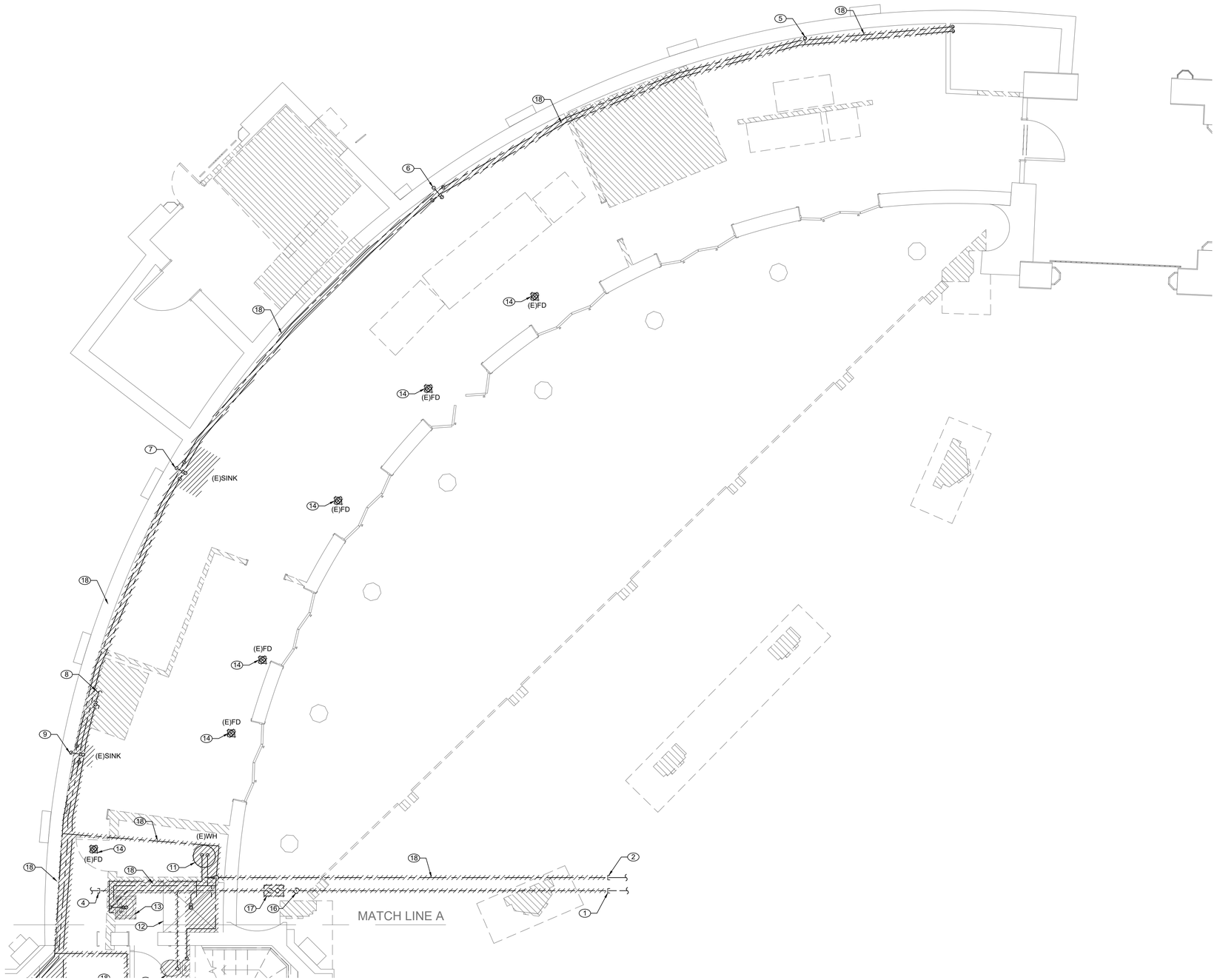

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PLUMBING 1ST FL. NORTH ADMIN DEMOLITION PLAN

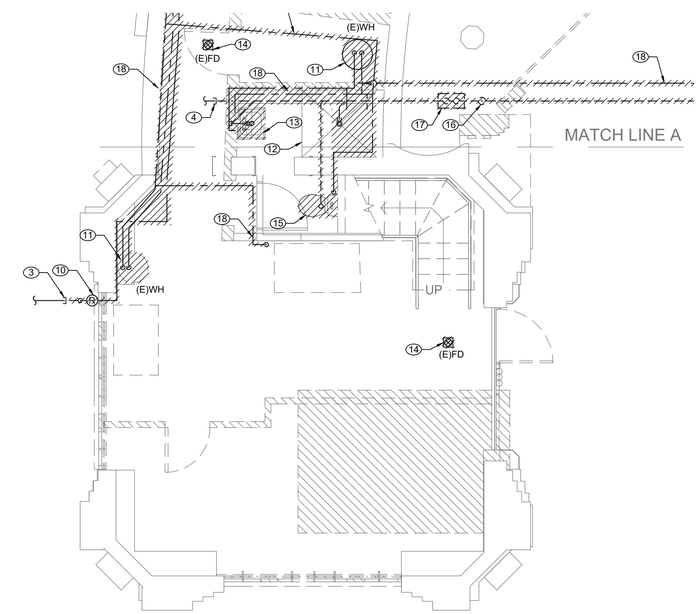
SCALE: 1/4" = 1'-0'

PLUMBING DEMOLITION NOTES:

1. CONTRACTOR CUT AND CAP UNDERGROUND EXISTING SANITARY SERVICE OUTSIDE OF AREA OF WORK.
2. CONTRACTOR CUT AND CAP UNDERGROUND EXISTING DOMESTIC WATER SERVICE OUTSIDE OF AREA OF WORK.
3. CONTRACTOR CUT AND CAP UNDERGROUND EXISTING PROPANE SERVICE LINE.
4. CUT AND CAP EXISTING SANITARY PIPE BELOW FINISH FLOOR.
5. CUT AND CAP EXISTING WASTE PIPE BELOW FINISH FLOOR.
6. CUT AND CAP EXISTING WASTE PIPE BELOW FINISH FLOOR. DEMOLISH EXISTING DOMESTIC COLD AND HOT WATER PIPING.
7. CUT AND CAP EXISTING WASTE PIPE BELOW FINISH FLOOR. DEMOLISH EXISTING SINK WITH ALL ASSOCIATED PIPING.
8. DISCONNECT PROPANE LINE FROM PROPANE EQUIPMENT AND REMOVE ALL PROPANE PIPING.
9. CUT AND CAP EXISTING WASTE PIPE BELOW FINISH FLOOR. DEMOLISH EXISTING SINK WITH ALL ASSOCIATED PIPING.
10. REMOVE EXISTING PROPANE REGULATOR WITH ASSOCIATED PIPING. PATCH EXISTING OPENING.
11. REMOVE EXISTING ELECTRIC WATER HEATER WITH ALL ASSOCIATED PIPING.
12. REMOVE EXISTING SHOWER WITH ALL ASSOCIATED PIPING.
13. REMOVE EXISTING LAVATORY WITH ALL ASSOCIATED PIPING.
14. REMOVE EXISTING FLOOR DRAIN WITH ALL ASSOCIATED PIPING. CUT AND CAP EXISTING SANITARY PIPING BELOW FINISH FLOOR.
15. REMOVE EXISTING WATER CLOSET WITH ALL ASSOCIATED PIPING.
16. REMOVE EXISTING CLEAN OUT WITH ALL ASSOCIATED PIPING.
17. REMOVE EXISTING HOUSE TRAP WITH ALL ASSOCIATED PIPING.
18. REMOVE EXISTING DOMESTIC COLD AND HOT WATER PIPING (TYPICAL).

GENERAL NOTES:

1. ALL EXISTING PIPING ARE SHOWN AS A REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND SIZES FOR ALL EXISTING SERVICES PRIOR TO DEMOLITION.
2. COORDINATE WITH FACILITY PRIOR TO SHUTDOWN OF DOMESTIC WATER SYSTEM FOR ANY DEMOLITION AND CONSTRUCTION WORK.



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PLUMBING 1ST FL. TICKET DEMOLITION PLAN

SCALE: 1/4" = 1'-0'

CONSULTANT INFORMATION

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CONSULTANT SEAL

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INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
NORTH ADMINISTRATION BUILDING
PLUMBING DEMOLITION PLANS

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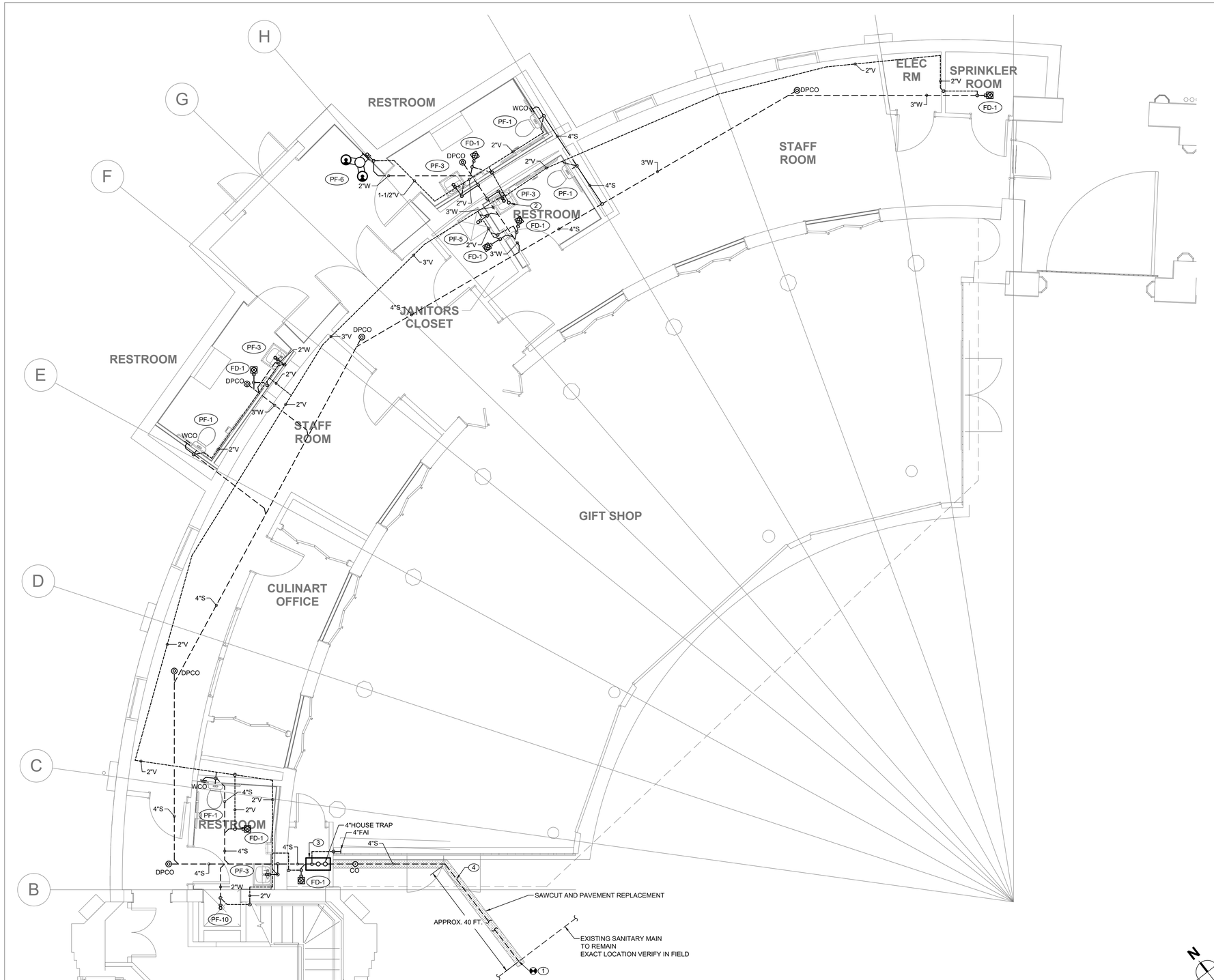


PLUMBING 1ST FL. NORTH ADMIN CONSTRUCTION PLAN

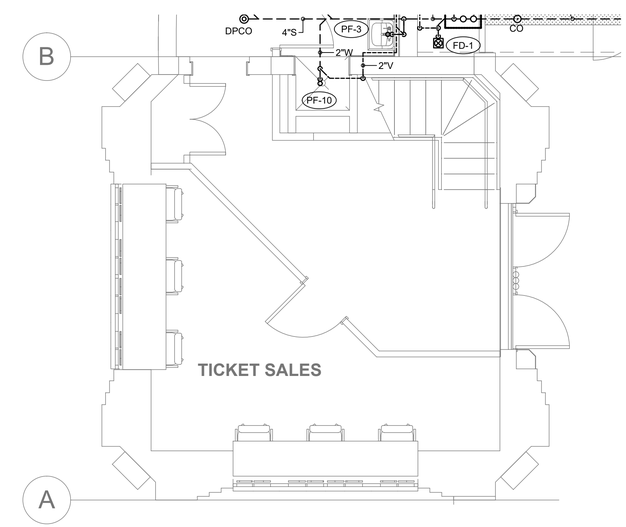
SCALE: 1/4" = 1'-0'

PLUMBING CONSTRUCTION NOTES:

1. CONNECT NEW 4" SANITARY SERVICE TO EXISTING SEWER MAIN LOCATED AT PLAZA. CONTRACTOR TO VERIFY THE INVERT, SIZE, AND MATERIAL OF THE EXISTING SEWER PIPING TO FACILITATE NEW SANITARY SERVICE CONNECTION.
2. PROVIDE NEW 4" VENT THRU ROOF.
3. PROVIDE NEW 4"HOUSE TRAP INSIDE NEW PIT. PROVIDE PIT ACCESS DOOR FOR MAINTENANCE. PROVIDE 4" FRESH AIR INTAKE THRU EXTERIOR WALL. TERMINATE VENT WITH INSECT SCREEN. HOUSE TRAP SHALL BE PROTECTED FROM FREEZING.
4. SEWER CROSSING WATER MAINS SHALL BE MINIMUM 18" CLEARANCE BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE SEWER. THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS.

GENERAL NOTES:

1. COORDINATE WITH FACILITY PRIOR TO SHUTDOWN OF WATER DISTRIBUTION SYSTEM FOR ANY DEMOLITION AND CONSTRUCTION WORK.
2. CONTRACTOR TO COORDINATE WITH FACILITY WHEN WORKING AROUND OR ABOVE THE RIDE COMPONENTS, AND PROVIDE ALL NECESSARY MEASURES TO PROTECT THESE COMPONENTS PER THE REQUIREMENTS OF THE FACILITY.
3. UPON COMPLETION, SYSTEM SHALL BE TESTED FOR PROPER OPERATION.



PLUMBING 1ST FL. TICKET CONSTRUCTION PLAN

SCALE: 1/4" = 1'-0'

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LICENSED PROFESSIONAL ENGINEER

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PLAYLAND PARK, RYE, NY
NORTH ADMINISTRATION BUILDING
PLUMBING SANITARY-VENT CONSTRUCTION PLANS

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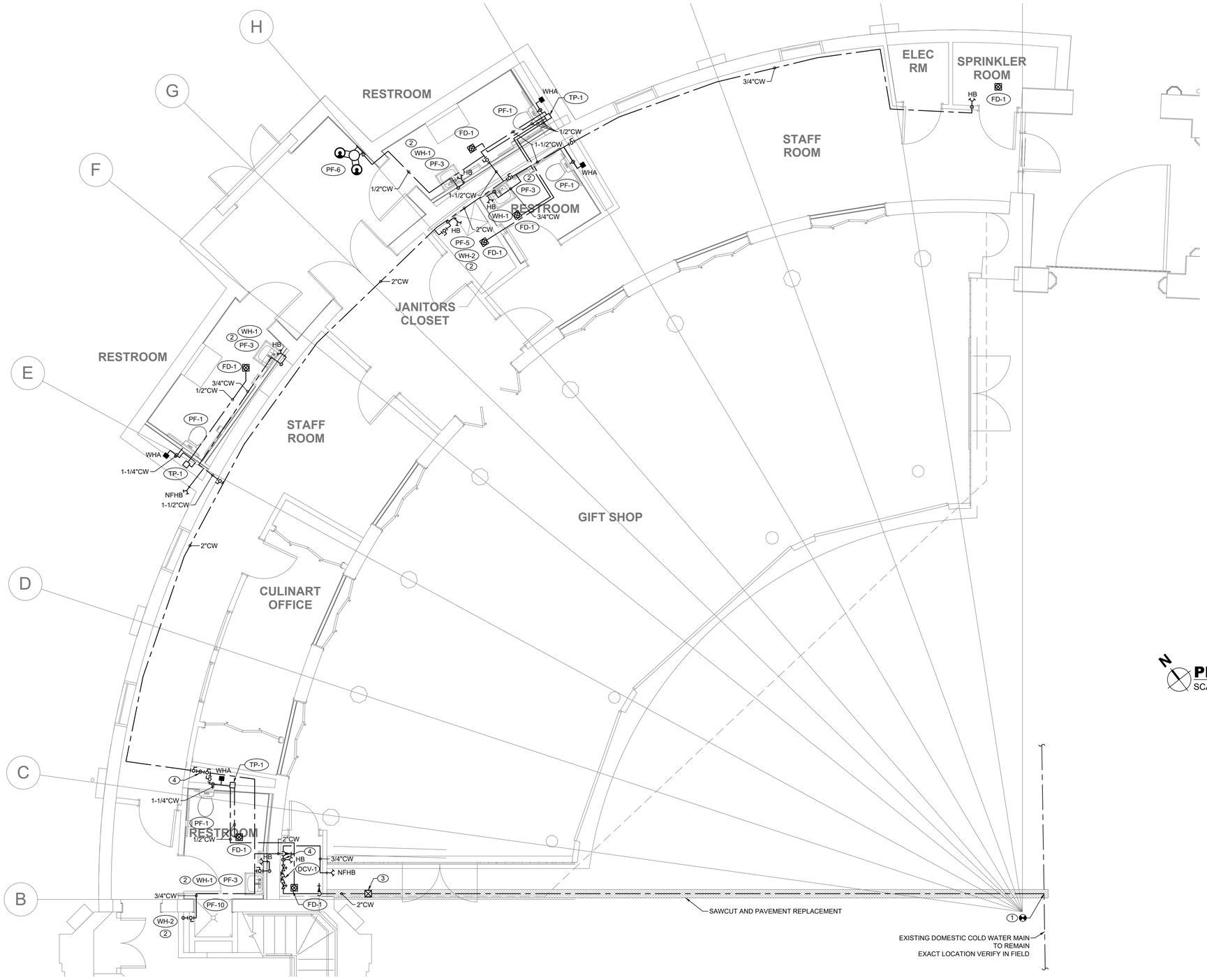


PLUMBING 1ST FL. NORTH ADMIN CONSTRUCTION PLAN

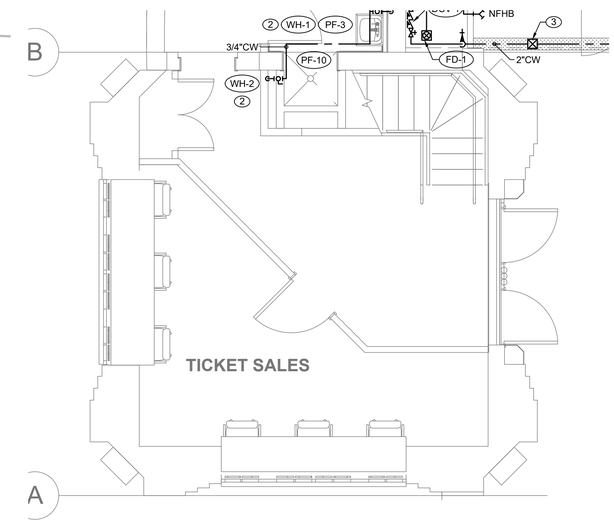
SCALE: 1/4" = 1'-0'

PLUMBING CONSTRUCTION NOTES:

1. CONNECT NEW 2" DOMESTIC COLD WATER SERVICE TO EXISTING WATER MAIN LOCATED AT PLAZA.
2. PROVIDE INSTANTANEOUS ELECTRIC WATER HEATER WITH MIXING VALVE TO PROVIDE TEMPERED WATER FOR LAVATORY. PROVIDE HOSE BIB BELOW LAVATORY AT THE LOWEST POINT FOR WINTERIZING.
3. PROVIDE CURB VALVE WITH VALVE BOX.
4. PROVIDE A COMPRESSED AIR CONNECTION FOR WINTERIZING.

GENERAL NOTES:

1. COORDINATE WITH FACILITY PRIOR TO SHUTDOWN OF WATER DISTRIBUTION SYSTEM FOR ANY DEMOLITION AND CONSTRUCTION WORK.
2. PROVIDE DRAIN VALVES FOR EACH BRANCH AT BOTTOM OF CHASES. PROVIDE ACCESS PANELS TO ALL VALVES ABOVE CEILING AND BEHIND WALLS AND FOR TRAP PRIMERS.
3. INSTALL NEW WATER PIPING WITH PROPER SLOPES TO AVOID WATER TRAPS DURING WINTER SEASON.
4. CONTRACTOR TO COORDINATE WITH FACILITY WHEN WORKING AROUND OR ABOVE THE RIDE COMPONENTS, AND PROVIDE ALL NECESSARY MEASURES TO PROTECT THESE COMPONENTS PER THE REQUIREMENTS OF THE FACILITY.
5. UPON COMPLETION, SYSTEM SHALL BE TESTED FOR PROPER OPERATION.



PLUMBING 1ST FL. TICKET CONSTRUCTION PLAN

SCALE: 1/4" = 1'-0'

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No. 090111

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INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
NORTH ADMINISTRATION BUILDING
PLUMBING DOMESTIC WATER CONSTRUCTION PLANS

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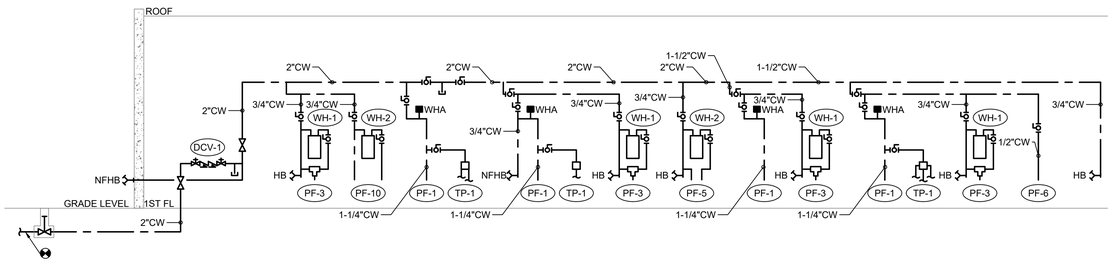
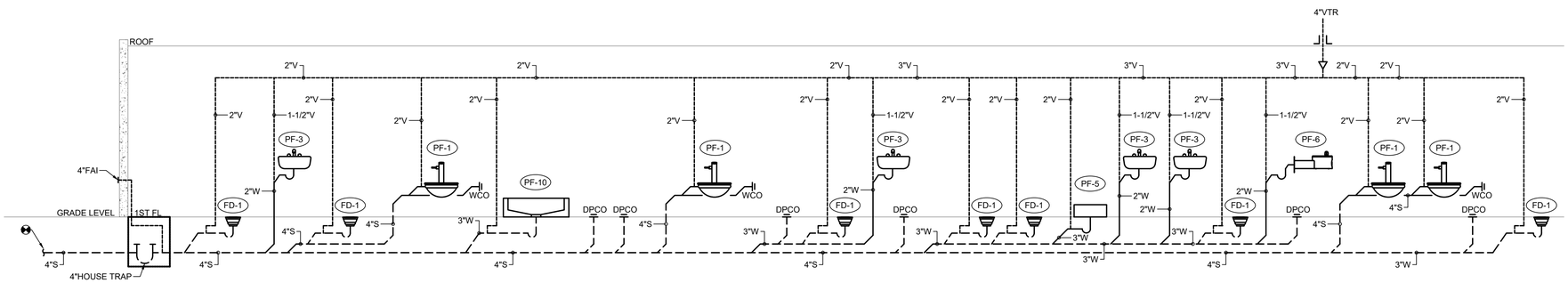
GENERAL NOTES:

1. SANITARY AND DOMESTIC WATER RISER DIAGRAM IS PROVIDED AS A SCHEMATIC AID DELINEATING PROJECT SCOPE. CONTRACTOR SHALL FIELD-VERIFY CONDITIONS AND COMPLY WITH ALL PLUMBING REQUIREMENTS OF THE NEW YORK STATE BUILDING CODE.
2. ALL DOMESTIC WATER AND SANITARY PIPING SHALL BE IN FULL CONFORMANCE WITH THE NEW YORK STATE PLUMBING CODE.
3. PROVIDE AN AIR CHAMBER AT LEAST THE SIZE OF THE SUPPLY PIPE AT THE TOP OF EACH HOT AND COLD WATER RISER.
4. PROVIDE ALL REQUIRED OFFSETS, FITTINGS, VALVES, TRAPS, DRAINS, ETC., EVEN THOUGH TROUGH NOT INDICATED DUE TO SMALL SCALE OF THE DRAWING.
5. CHECK DRAWINGS OF OTHER TRADES AND ARRANGE WORK TO AVOID CONFLICTS.
6. USE REDUCING FITTINGS FOR CHANGES OF PIPE SIZE. USE NO BUSHING EXCEPT WITH SPECIAL PERMISSION.
7. PROVIDE CONTROL GATE VALVES WHERE NOTED OR REQUIRED FOR COMPLETE REGULATING CONTROL OF ALL SYSTEM, PLUMBING FIXTURES, AND EQUIPMENT. VALVES: ACCESSIBLE BUT NO VALVES INSTALLED WITH HANDLES POINTING DOWN.
8. PROVIDE DRAIN VALVES FOR EACH BRANCH AT BOTTOM OF CHASES. PROVIDE ACCESS PANELS TO ALL VALVES ABOVE CEILING AND BEHIND WALLS.
9. INSTALL NEW WATER PIPING WITH PROPER SLOPES TO AVOID WATER TRAPS DURING WINTER SEASON.



1 P-61 **DOMESTIC WATER RISER DIAGRAM**
SCALE: NOT TO SCALE



2 P-61 **SANITARY RISER DIAGRAM**
SCALE: NOT TO SCALE

CONSULTANT INFORMATION
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CONSULTANT SEAL
STATE OF NEW YORK
FRANK F. ULISSE
No. 090111
LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
NORTH ADMINISTRATION BUILDING
PLUMBING RISER DIAGRAMS

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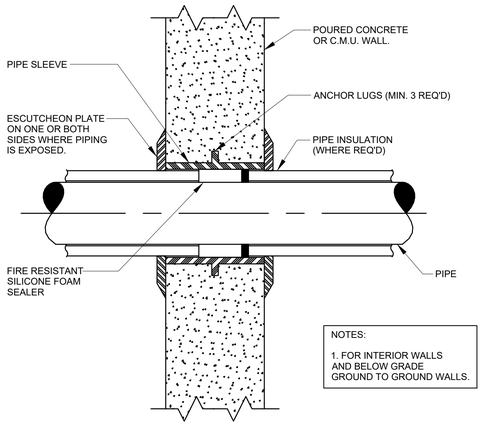
SCALE: AS NOTED
DATE: 09/16/2020
DPW FILE NUMBER: 1-118-M-121
REV. NO.: 0

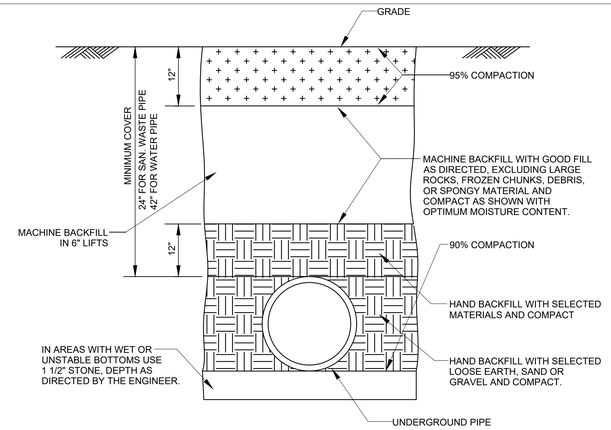


NOTES:

1. FOR INTERIOR WALLS AND BELOW GRADE GROUND TO GROUND WALLS.

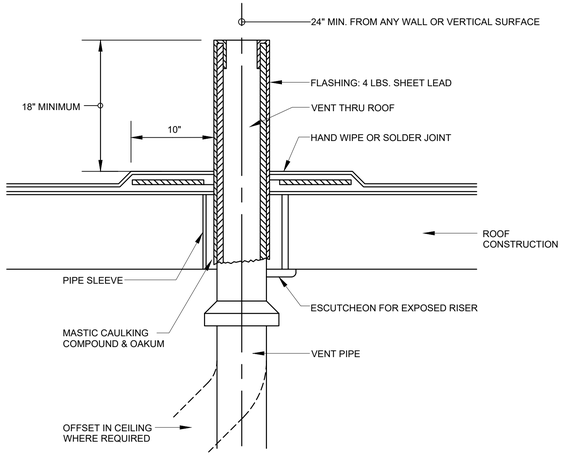
1 / P-81 PIPE SLEEVE THROUGH WALL DETAIL

SCALE: NOT TO SCALE



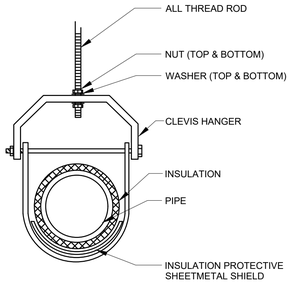
2 / P-81 PIPE TRENCH DETAIL

SCALE: NOT TO SCALE



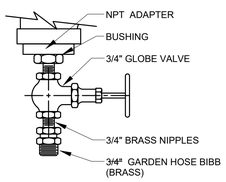
3 / P-81 VENT THRU ROOF DETAIL

SCALE: NOT TO SCALE



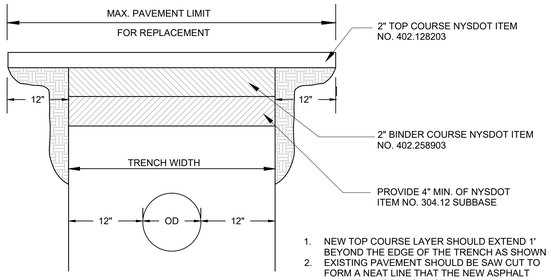
4 / P-81 TYPICAL CLEVIS HANGER DETAIL

SCALE: NOT TO SCALE



5 / P-81 DRAIN VALVE DETAIL

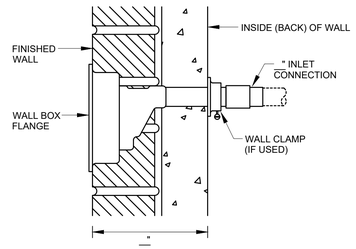
SCALE: NOT TO SCALE



1. NEW TOP COURSE LAYER SHOULD EXTEND 1' BEYOND THE EDGE OF THE TRENCH AS SHOWN
2. EXISTING PAVEMENT SHOULD BE SAW CUT TO FORM A NEAT LINE THAT THE NEW ASPHALT WILL BE PLACED AGAINST.

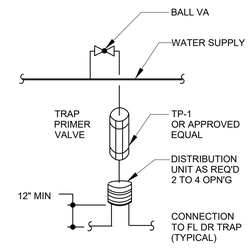
6 / P-81 ASPHALTIC MACADAM PAVEMENT REPLACEMENT

SCALE: NOT TO SCALE



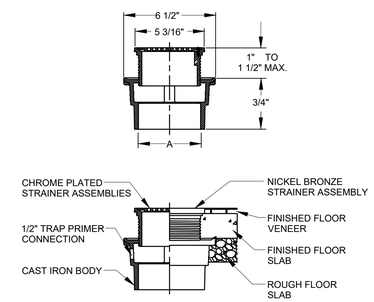
7 / P-81 FREEZE PROOF WALL HYDRANT

SCALE: NOT TO SCALE



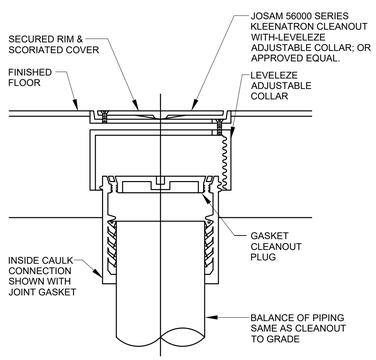
8 / P-81 TRAP PRIMER DETAIL

SCALE: NOT TO SCALE



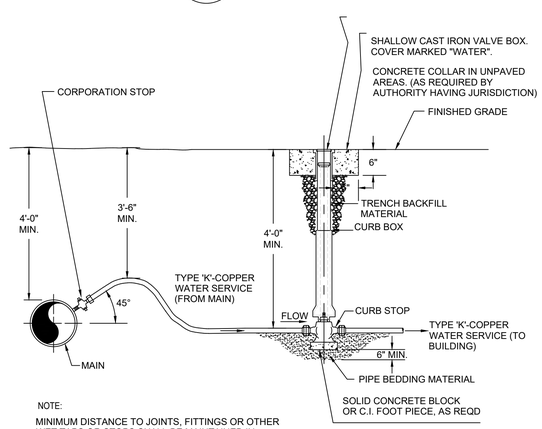
9 / P-81 FLOOR DRAIN DETAIL

SCALE: NOT TO SCALE



10 / P-81 FLOOR CLEANOUT DETAIL

SCALE: NOT TO SCALE

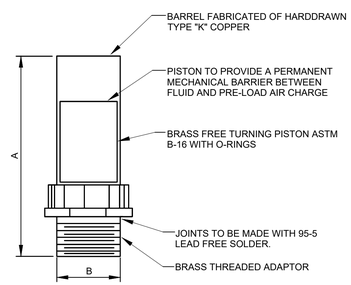


NOTE:

MINIMUM DISTANCE TO JOINTS, FITTINGS OR OTHER WET TAPS OR STOPS SHALL BE MAINTAINED IN ACCORDANCE WITH REGULATORY AGENCY.

11 / P-81 COPPER WATER SERVICE AND CURB STOP

SCALE: NOT TO SCALE

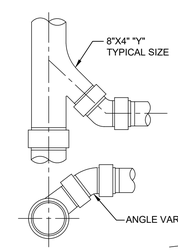


PPP SIZE	P.D.I. SYMBOL	FIXTURE UNIT RATINGS	A SIZE	B SIZE
1/2"	A	1 - 11	5"	1/2"
3/4"	B	12 - 32	5"	3/4"
1"	C	33 - 60	7"	1"
1-1/4"	D	61 - 113	7"	1-1/4"
1-1/2"	E	114 - 154	9"	1-1/2"
2"	F	155 - 330	9"	2"

NOTE: SEE WATER RISER DIAGRAMS FOR LOCATIONS OF WATER HAMMER ARRESTORS.

12 / P-81 WATER HAMMER ARRESTOR DETAIL

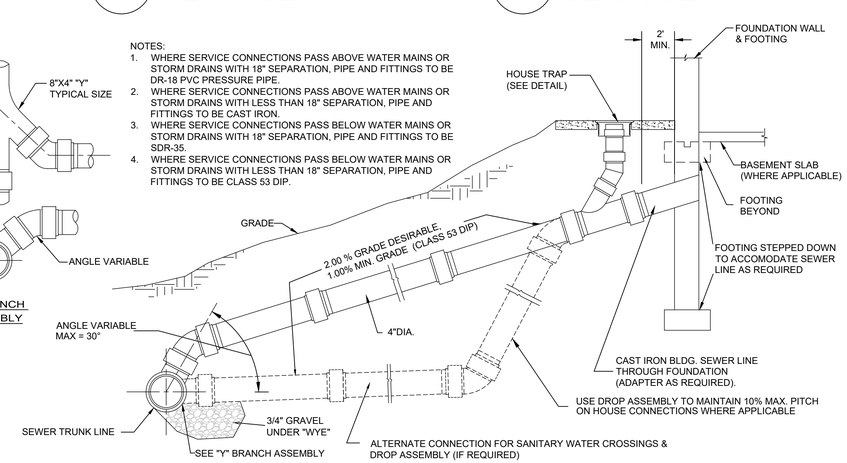
SCALE: NOT TO SCALE



"Y" BRANCH ASSEMBLY

NOTES:

1. WHERE SERVICE CONNECTIONS PASS ABOVE WATER MAINS OR STORM DRAINS WITH 18" SEPARATION, PIPE AND FITTINGS TO BE DR-18 PVC PRESSURE PIPE.
2. WHERE SERVICE CONNECTIONS PASS ABOVE WATER MAINS OR STORM DRAINS WITH LESS THAN 18" SEPARATION, PIPE AND FITTINGS TO BE CAST IRON.
3. WHERE SERVICE CONNECTIONS PASS BELOW WATER MAINS OR STORM DRAINS WITH 18" SEPARATION, PIPE AND FITTINGS TO BE SDR-35.
4. WHERE SERVICE CONNECTIONS PASS BELOW WATER MAINS OR STORM DRAINS WITH LESS THAN 18" SEPARATION, PIPE AND FITTINGS TO BE CLASS 53 DIP.



13 / P-81 SEWER SERVICE CONNECTION/ DROP ASSEMBLY

SCALE: NOT TO SCALE

CONSULTANT INFORMATION

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CONSULTANT SEAL

STATE OF NEW YORK · FRANK F. GLISSE · No. 090170 · LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR: NAME / SIGNATURE / TITLE / DATE

PROJECT COORDINATOR: NAME / SIGNATURE / TITLE / DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
NORTH ADMINISTRATION BUILDING
PLUMBING DETAILS

CONTRACT NUMBER	20-501
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DATE:	09/16/2020
DPW FILE NUMBER	1-118-M-122
REV. NO.	0

TABLE 1: ENERGY CODE ANALYSIS TABLE FOR MECHANICAL SYSTEMS

(PER 2020 NYS ENERGY CODE)

ITEM DESCRIPTION			PROPOSED VALUE	CODE PRECRIBED VALUE AND CITATION	CITATION	SUPPORTING DOCUMENTATION
	UNIT TAG	EQUIPMENT TYPE				
HVAC EQUIPMENT PERFORMANCE	RTU-1	AIR-COOLED AIR CONDITIONERS (56,600 BTU)	SEER=14	SEER=13 (FOR ≤ 65,000 BTU)	C403.2.3(1)	MECHANICAL SCHEDULES
	CU-1 & CU-2	SPLIT-SYSTEM HEAT PUMP (60,000 BTU)	SEER=20	SEER=14 (FOR ≤ 65,000 BTU)	C403.2.3(2)	MECHANICAL SCHEDULES
	CU-3, CU-4, CU-5	SPLIT-SYSTEM HEAT PUMP (24,000 BTU)	SEER=18	SEER=14 (FOR < 65,000 BTU)	C403.2.3(2)	MECHANICAL SCHEDULES
	CU-6	SPLIT-SYSTEM HEAT PUMP (12,000 BTU)	SEER=27	SEER=14 (FOR < 65,000 BTU)	C403.2.3(2)	MECHANICAL SCHEDULES
HVAC SYSTEM CONTROLS	ALL RTUs, CUHs	THERMOSTATIC CONTROLS	DIGITAL THERMOSTATS	THERMOSTATIC CONTROLS FOR HVAC SYSTEM	C403.2.6	MECHANICAL SCHEDULES AND PLANS
SHUTOFF DAMPERS			MOTORIZED DAMPER INSTALLED AT EXHAUST OPENINGS	MOTORIZED DAMPER INSTALLED AT QA SUPPLY AND EXHAUST OPENINGS	C403.2.4.4.2	MECHANICAL SCHEDULES AND PLANS
DUCT LEAKAGE			SMACNA HVAC DUCT LEAKAGE TEST	SMACNA HVAC DUCT LEAKAGE TEST	PER C403	MECHANICAL DWGS. & SPECS

TABLE 2: ENERGY CODE COMPLIANCE INSPECTIONS FOR MECHANICAL SYSTEMS

(IIB - MECHANICAL AND SERVICE WATER HEATING INSPECTIONS)

	INSPECTION TEST	FREQUENCY	REFERENCE STANDARDS	INSPECTION DESCRIPTION	ECC CITATION
IIB2	SHUT-OFF DAMPERS	AS REQUIRED DURING INSTALLATION	APPROVED CONSTRUCTION DOCUMENTS	DAMPERS FOR STAIR AND ELEVATOR SHAFT VENTS AND OTHER OUTDOOR AIR INTAKES AND EXHAUST OPENINGS INTEGRAL TO THE BUILDING ENVELOPE SHALL BE VISUALLY INSPECTED TO VERIFY THAT SUCH DAMPERS, EXCEPT WHERE PERMITTED TO BE GRAVITY DAMPERS, COMPLY WITH APPROVED CONSTRUCTION DRAWINGS. MANUFACTURER'S LITERATURE SHALL BE REVIEWED TO VERIFY THAT THE PRODUCT HAS BEEN TESTED AND FOUND TO MEET THE STANDARD.	NYSECC C403.2.4.4, OR ASHRAE 90.1-6.4.3.4
IIB3	HVAC AND SERVICE WATER HEATING EQUIPMENT	PRIOR TO FINAL MECHANICAL AND CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS	EQUIPMENT SIZING, EFFICIENCIES AND OTHER PERFORMANCE FACTORS OF ALL MAJOR EQUIPMENT UNITS, AS DETERMINED BY THE APPLICANT OF RECORD, AND NO LESS THAN 15% OF MINOR EQUIPMENT UNITS, SHALL BE VERIFIED BY VISUAL INSPECTION AND, WHERE NECESSARY, REVIEW OF MANUFACTURER'S DATA. POOL HEATERS AND COVERS SHALL BE VERIFIED BY VISUAL INSPECTION	NYSECC C403.2, C404.2, C404.7, C406.2
IIB4	HVAC AND SERVICE WATER HEATING SYSTEM CONTROLS	AFTER INSTALLATION AND PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION, EXCEPT THAT FOR CONTROLS WITH SEASONALLY DEPENDENT FUNCTIONALITY, SUCH TESTING SHALL BE PERFORMED BEFORE SIGN-OFF FOR ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY	APPROVED CONSTRUCTION DOCUMENTS INCLUDING CONTROL SYSTEM NARRATIVES	NO LESS THAN 20% OF EACH TYPE OF REQUIRED CONTROLS AND ECONOMIZERS SHALL BE VERIFIED BY VISUAL INSPECTION AND TESTED FOR FUNCTIONALITY AND PROPER OPERATION. SUCH CONTROLS SHALL INCLUDE, BUT ARE NOT LIMITED TO, THERMOSTATIC AND ECONOMIZER CONTROLS	NYSECC C403.2.4, C403.2.5.1, C403.2.11, C403.3, C403.4, C404.3, C404.6, C404.7
IIB6	HVAC DUCT LEAKAGE TESTING	PRIOR TO CLOSING CEILINGS AND WALLS AND PRIOR TO FINAL CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS; NYC MECHANICAL CODE	WHERE THE AIR HANDLER AND/OR SOME DUCTWORK IS IN UNCONDITIONED SPACE, DUCT-LEAKAGE TESTING SHALL BE PERFORMED EITHER AFTER ROUGH-IN OR POST-CONSTRUCTION TO ENSURE COMPLIANCE WITH ECC R403.3.3 AND R403.3.4. NOT LESS THAN 20% OF SUCH DUCTWORK SHALL BE TESTED	NYSECC C403

ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE COMPLIANCE STATEMENT:

ENERGY CODE COMPLIANCE - NYS 2020

STATEMENT OF COMPLIANCE - COMMERCIAL BUILDINGS
TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.

MECHANICAL GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL BE PURCHASED AND INSTALLED IN ACCORDANCE WITH ALL NATIONAL & NEW YORK STATE CODES AND REGULATIONS (AS WELL AS ALL APPLICABLE LOCAL CODES & REGULATIONS). THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL HVAC WORK IS PROVIDED AND INSTALLED IN STRICT ACCORDANCE WITH SEISMIC REQUIREMENTS.
2. DO NOT SCALE FROM THESE DRAWINGS.
3. THE EXACT MOUNTING HEIGHTS AND LOCATIONS OF ALL HVAC EQUIPMENT SHALL BE FIELD VERIFIED AND COORDINATED WITH ALL OTHER MECHANICAL, ELECTRICAL, PLUMBING, FIRE SPRINKLER, ARCHITECTURAL AND STRUCTURAL SYSTEMS. DURING SHOP DRAWINGS SUBMISSIONS, SHOW ALL MOUNTING HEIGHTS OF DUCTWORK, UNITS, ETC.
4. VERIFY ALL EQUIPMENT VOLTAGES WITH THE ELECTRICAL DESIGN PRIOR TO ORDERING EQUIPMENT.
5. PROVIDE PHASE LOSS PROTECTION FOR ALL POLY-PHASE MOTOR DEVICES.
6. DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET STEEL IN STRICT COMPLIANCE WITH THE LATEST EDITION OF THE ASHRAE, NFPA, AND SMACNA GUIDE RECOMMENDATIONS. ALL DUCTS TO HAVE PITTSBURGH TYPE LOCK FOR LONGITUDINAL SEAMS AND DRIVE SLIP / "S" SLIP FOR TRANSVERSE JOINTS. "DUCT-MATE" JOINT SYSTEM IS ACCEPTABLE IN LIEU OF PRIOR SEAM SYSTEMS. SIZES AS SHOWN INDICATE INSIDE CLEAR DIMENSIONS OF THE AIR PASSAGE. DUCTWORK SHALL BE FULLY INSULATED AS PER APPLICABLE CODES AND WRITTEN SPECIFICATIONS.
7. DUCT SIZES MUST BE VERIFIED FOR CLEARANCES AT THE JOB SITE PRIOR TO FABRICATION. DIMENSIONS MAY BE CHANGED TO ACCOMMODATE CONSTRUCTION AS LONG AS EFFECTIVE CROSS-SECTIONAL AREA IS MAINTAINED. DUCT TRANSITIONS SHALL BE CONSTRUCTED WITH A SLOPE OF 1" TO 4". ALL DEVIATIONS FROM ORIGINAL CONTRACT DRAWINGS SHALL BE REVIEWED BY ENGINEER DURING THE SHOP DRAWING PROCESS.
8. PROVIDE MANUAL BALANCING DAMPERS AS REQUIRED TO PROPERLY BALANCE EACH INDIVIDUAL AIR DISTRIBUTION SYSTEM. IF THE LOCATION OF THE BALANCING DAMPER IS NOT DEFINED ON THE DRAWINGS, THE FOLLOWING MINIMUMS STANDARDS SHALL GOVERN. ALL SUPPLY, RETURN, AND EXHAUST MAIN BRANCHES FROM TRUNKS, EACH SPLIT AND ALL SUB- BRANCHES FROM MAIN SHALL INCORPORATE BALANCING DAMPERS.
9. PROVIDE FLEXIBLE CONNECTORS AT ALL DUCT CONNECTIONS TO VIBRATING EQUIPMENT. THESE CONNECTORS SHALL BE INSTALLED IN CLOSE PROXIMITY TO SUCH EQUIPMENT.
10. PROVIDE FIRE DAMPERS WITH RATED ACCESS DOORS AT ALL DUCT PENETRATIONS THROUGH FIRE RATED WALLS, SMOKE AND FIRE STOPPING, SHAFT, FLOORS, RATED CEILINGS AND PARTITIONS AS REQUIRED TO MAINTAIN ARCHITECTURAL FIRE RATINGS. REFER TO THE ARCHITECTURAL PLANS AND SPECIFICATIONS FOR LOCATIONS AND FIRE RATING REQUIREMENTS. MC MUST FULLY REVIEW ALL ARCHITECTURAL AND ENGINEERING DRAWINGS AND VISIT THE SITE PRIOR TO SUBMITTING THE BID. NO EXTRAS WILL BE ALLOWED.
11. ALL ACCESS DOORS REQUIRED IN GENERAL CONSTRUCTION ARE TO BE PROVIDED AND INSTALLED BY THE GENERAL CONTRACTOR. IT IS THE RESPONSIBILITY OF THE HVAC CONTRACTOR TO IDENTIFY SIZE, TYPE AND LOCATION OF SUCH DOORS FOR PROPER ACCESS TO ALL CONCEALED HVAC EQUIPMENT, VALVES AND OTHER RELATED EQUIPMENT. THE HVAC CONTRACTOR SHALL IDENTIFY THESE REQUIREMENTS ON A COORDINATED SHOP DRAWING PRIOR TO SYSTEM FABRICATION AND INSTALLATION.
12. ALL CEILING MOUNTED EQUIPMENT MUST BE SUPPORTED DIRECTLY FROM BUILDING STRUCTURE WITH COMBINATION SPRING AND NEOPRENE-IN-SHEAR HANGERS AND ROD. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED TO ADEQUATELY SUPPORT THE LOAD.
13. THE CONTRACTOR MUST CONTRACT AN INDEPENDENT NEBB CERTIFIED AIR BALANCING & TESTING COMPANY TO PERFORM THE AIR BALANCING WORK AND ASSOCIATED SYSTEM AIR BALANCING REPORT. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH ALL APPLICABLE CODES, REGULATIONS, PLANS AND WRITTEN SPECIFICATIONS. SUBMIT THE FINAL AIR BALANCE REPORT TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO SUBSTANTIAL COMPLETION OF THE PROJECT, AS DETERMINED BY THE G.C. AND OWNER/CLIENT. THE AIR BALANCE REPORT MUST INCLUDE ALL SUPPLY, RETURN, & EXHAUST AIR TERMINALS, FRESH AIR (OUTSIDE AIR) INTAKE AND VENTILATION EXHAUST CFM RATES FOR ALL UNITS. ALSO INCLUDE ACTUAL SUPPLY & RETURN AIR VELOCITY & STATIC PRESSURE READINGS ALONG WITH ALL MOTOR AMPERAGES FOR ALL UNITS.
14. THE CONTRACTOR IS TO INCLUDE IN THEIR BID ALL LOW VOLTAGE CONTROL WIRING, THERMOSTATS, RELAYS, TRANSFORMERS, STARTERS ETC FOR A COMPLETE OPERATING CONTROL SYSTEM AS DESCRIBED IN THE SEQUENCE OF OPERATIONS. (MC) IS ALSO RESPONSIBLE FOR LINE VOLTAGE CONTROL FOR EXHAUST FANS CONTROLLED FROM LIGHT SWITCH AND THERMOSTATS. ALL CONTROL WIRING IN THE AREAS THAT DO NOT HAVE DROPPED CEILINGS THE (MC) MUST PROVIDE ALL CONTROL WIRING CONDUIT. IN AREAS OF DROPPED CEILING PLENUM RATED CONTROL WIRING CAN BE RUN EXPOSED ABOVE CEILING.
15. ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS/SPECIFICATIONS.

CODE REFERENCE

2020 NEW YORK STATE BUILDING CODE
2020 NEW YORK STATE MECHANICAL CODE
2020 NEW YORK STATE PLUMBING CODE
2020 NEW YORK STATE FUEL GAS CODE
2020 NEW YORK STATE ENERGY CONSERVATION CODE

MECHANICAL DEMOLITION NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION OF MECHANICAL EQUIPMENT AND MATERIAL RELATING TO THEIR RESPECTIVE TRADE.

2. THE CONTRACTOR SHALL REMOVE, RELOCATE, REPLACE, ADJUST, ADAPT AND MODIFY EXISTING EQUIPMENT AND/OR SYSTEMS AS REQUIRED WHEN SUCH WORK IS UNCOVERED AND FOUND TO INTERFERE WITH COMPLETION OF WORK IN THIS CONTRACT OR OTHER CONTRACT WORK.

3. EXECUTE THE DEMOLITION IN CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE DISTURBANCE TO THE PUBLIC, EGRESS OR THE FUNCTIONING OF THE EXISTING BUILDING.

4. TAKE NECESSARY PRECAUTIONS TO PREVENT DUST AND DIRT FROM RISING BY WETTING DEMOLISHED DEBRIS. EXCESSIVE USE OF WATER WILL NOT BE PERMITTED.

5. PRIOR TO DEMOLITION, CONTRACTOR SHALL REVIEW WITH OWNER ALL MATERIALS TO BE REMOVED, SHOULD THE OWNER WANT TO KEEP ANY MATERIALS THE CONTRACTOR SHALL REMOVE AND DELIVER THE PARTS TO THE OWNER ON THE SITE WHERE SO DIRECTED. OTHERWISE ALL DEMOLISHED OR REMOVED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AND BE DISPOSED OF IN A LEGAL MANNER.

6. DEMOLITION SHALL INCLUDE REMOVAL OF ALL PARTS AND PIECES IN THEIR ENTIRETY BACK TO POINTS INDICATED OR IF NOT INDICATED BACK TO THEIR POINT OF SOURCE.

7. WHERE CONDITIONS PROHIBIT TOTAL REMOVAL OF THE WORK, THE REMAINING PORTION SHALL BE CUT FLUSH WITH THE SURROUNDING SURFACE AND BE CAPPED, PLUGGED OR SEALED AND THE SURROUNDING SURFACE SHALL BE REFINISHED IN AN APPROVED MANNER.

9. DO NOT REMOVE EXISTING STRUCTURAL WORK. DO NOT REMOVE OPERATIONAL ELEMENTS AND SAFETY-RELATED COMPONENTS IN A MANNER RESULTING IN A REDUCTION OF CAPACITIES TO PERFORM IN THE MANNER INTENDED OR RESULTING IN DECREASED OPERATIONAL LIFE, INCREASED MAINTENANCE, OR DECREASED SAFETY.

10. REMOVALS, DISCONNECTIONS, AND RELOCATIONS SHALL BE PERFORMED BY WORKMEN SKILLED IN THE TRADE INVOLVED AND SHALL BE EMPLOYED BY A CONTRACTOR LICENSED IN THE TRADE INVOLVED. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ACCEPTED TRADE PRACTICES.

11. PROVIDE ADEQUATE TEMPORARY SUPPORT FOR WORK TO REMAIN, TO PREVENT FAILURE. DO NOT ENDANGER OTHER WORK.

12. PROTECTION: PROVIDE ADEQUATE PROTECTION WHERE REQUIRED FOR THE PRESENT BUILDING AND ITS CONTENTS. TEMPORARY DUSTPROOF BARRIERS AND BARRICADES SHALL BE ERECTED WHERE REQUIRED FOR PROTECTION OF PERSONNEL, PROTECTION FROM DUST AND DIRT, FOR SECURITY, FIRE AND WEATHER PROTECTIVE REASONS.

13. CONTRACTOR SHALL TAKE EVERY PRECAUTION AGAINST FIRE BY EMPLOYING FIRE DEPARTMENT TYPE HOSES AND PORTABLE FIRE EXTINGUISHERS AS REQUIRED BY OSHA AND/OR THE OWNER'S INSURANCE UNDERWRITER.

14. BEFORE STARTING DEMOLITION OPERATIONS, PROVIDE THE NECESSARY PROTECTIVE DEVICES, WHERE REQUIRED, AND IN STRICT ACCORDANCE WITH OSHA RULES AND REGULATIONS.

14. USE TEMPORARY ENCLOSURES, OR OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING TO LOWEST PRACTICAL LEVEL. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

15. FIELD VERIFY DEMOLITION REQUIREMENTS AND EXISTING CONDITIONS. DEMOLITION NOTES ARE INDICATED IN NOTE FORM.

16. CONTRACTOR SHALL ESTABLISH A PATH OF TRAVEL AND TIME SCHEDULE FOR THE REMOVAL OF ALL DEBRIS AND WASTE, AND HAVE THIS APPROVED BY OWNER. CONTRACTOR IS TO ENSURE THAT ALL CORRIDORS AND PUBLIC AREAS BE KEPT FREE OF OBSTRUCTIONS, DEBRIS, AND ARE TO BE BROOM SWEPT CLEAN AT ALL TIMES.

17. CONTRACTOR SHALL VISIT THE SITE AND BECOME INFORMED AS TO THE CONDITION OF THE PREMISES AND THE EXTENT AND CHARACTER OF WORK REQUIRED. NO ADDITIONAL COMPENSATION WILL BE APPROVED DUE TO FIELD CONDITIONS.

COMMISSIONING/ACCEPTANCE PROCEDURES:

THE FOLLOWING ARE INCLUDED IN THE PROJECT SCOPE OF WORK:

PRIOR THE ACCEPTING OF ANY PROJECT THE FOLLOWING DOCUMENTATION MUST BE SUBMITTED BY THE G.C. AND/OR THE M.C. FOR DISTRIBUTION FOR ENGINEER REVIEW.

A. LETTER STATING THAT ALL OWNER MEP AND FP PUNCH LIST ITEMS HAVE BEEN CORRECTED. LETTER TO INCLUDE ALL PUNCH LIST SIGNED BY ARCHITECT SUB-CONTRACTORS INDICATING COMPLETION.
B. TEST REPORTS.
C. AS BUILT DRAWINGS FOR ALL TRADES.
D. O & M MANUALS FOR ALL TRADES INCLUDING:

1. DESCRIPTIVE LITERATURE FOR EQUIPMENT AND COMPONENTS.
2. MODEL NUMBER AND PERFORMANCE DATA.
3. INSTALLATION AND OPERATING INSTRUCTIONS.
4. MAINTENANCE AND REPAIR INSTRUCTIONS.
5. SPARE PART LIST.
6. PHONE NUMBER AND PERSON'S NAME (IF POSSIBLE) OF MANUFACTURER.
7. NUMBER OF MANUALS PER PROJECT MANAGER'S REQUEST.

E. BALANCING REPORTS.
F. VALVE CHARTS.
G. EQUIPMENT WARRANTIES.
H. EQUIPMENT TRAINING CERTIFICATIONS (IF APPLICABLE).
I. EQUIPMENT/DEVICES LABEL LIST.
J. TRAINING OPERATIONAL DEMONSTRATION.

THE DEMONSTRATIONS INCLUDE:

1. ALL CONTROLS ALARMS, CONNECTED TO ALL HVAC UNITS AND EQUIPMENT.
2. ALL FIRE ALARM AND SPRINKLER DEVICES CONNECTING TO BUILDING FIRE ALARM SYSTEM.
3. ALL ELECTRICAL COMPONENTS TESTING. TRANSFER SWITCHES, EMERGENCY POWER, OPERATIONS, ETC.

K. SIGN-OFF FORMS (FINAL).

SCOPE OF WORK

DEMOLITION

1. REMOVE EXISTING ROOFTOP FANS AND ASSOCIATED DUCTWORK, CONTROLS AND ACCESSORIES.
2. REMOVE EXISTING ROOFTOP CONDENSING UNIT AND ASSOCIATED REFRIGERANT PIPING, CONTROLS AND ACCESSORIES.

CONSTRUCTION

1. PROVIDE ONE (1) NEW ROOFTOP AIR HANDLING UNIT RTU-1. PROVIDE DUCTWORK TO NEW SPACES AS INDICATED ON PLANS.
2. PROVIDE FOUR (4) NEW CONDENSING UNITS ON THE ROOF AND ASSOCIATED INDOOR WALL MOUNTED UNITS IN THE SPACE. PROVIDE ALL NEW REFRIGERANT PIPING.
3. PROVIDE TWO (2) NEW TOILET EXHAUST FAN ON ROOF AND ASSOCIATED DUCTWORK TO TOILETS AND SIMILAR ROOMS.
4. PROVIDE NEW ELECTRIC CABINET HEATERS AS INDICATED.
5. PROVIDE NEW ELECTRIC UNIT HEATERS AS INDICATED.

HVAC SYMBOL LIST

IDENTIFIER	DESCRIPTION
	NEW DUCTWORK OR PIPING
	EXISTING DUCTWORK OR PIPING TO BE REMOVED
	EXISTING DUCTWORK OR PIPING TO REMAIN
	HEAT TRACE PIPE
24X12 / 24X12	DOUBLE-LINE AND SINGLE-LINE RECTANGULAR DUCT, FIRST NUMBER INDICATES SIDE IN VIEW IN INCHES, SECOND NUMBER INDICATES SIDE IN DEPTH IN INCHES
	FLEXIBLE DUCTWORK
	REGULAR SUPPLY AIR DUCT (UP AND DOWN)
	REGULAR RETURN AIR DUCT (UP AND DOWN)
	REGULAR EXHAUST AIR DUCT (UP AND DOWN)
	REGULAR OUTSIDE AIR DUCT (UP AND DOWN)
VD	VOLUME DAMPER
BD	BACKDRAFT DAMPER
	MOTOR OPERATED DAMPER
XXX / XX	EQUIPMENT TAG EQUIPMENT NUMBER
XXX / X-XXX	DETAIL TAG/CALL OUT TAG MECHANICAL SHEET NUMBER
T	THERMOSTAT
	EXHAUST GRILLE
F#	REFER TO SUPPLEMENTAL FIGURE INDICATED BY NUMBER (I.E. F2 REFERS TO FIGURE 2)

HVAC ABBREVIATIONS

IDENTIFIER	DESCRIPTION
AC	DIRECT EXPANSION AIR CONDITION UNIT
CFM	CUBIC FEET PER MINUTE
COND	CONDENSATE
CU	CONDENSING UNIT
CUH	CABINET UNIT HEATER
DB	DRY BULB
DN	DOWN
EA	EXHAUST AIR
EF	EXHAUST FAN
EG	EXHAUST GRILLE
EUH	ELECTRIC UNIT HEATER
EER	ENERGY EFFICIENCY RATIO
EG	EXHAUST GRILLE
FAI	FRESH AIR INTAKE
GC	GENERAL CONTRACTOR
MBH	THOUSAND BTU PER HOUR
PC	PLUMBING CONTRACTOR
RG	RETURN GRILLE
RTU	ROOFTOP UNIT
SA	SUPPLY AIR
SD	SUPPLY DIFFUSER
TYP.	TYPICAL
VIF	VERIFY IN FIELD

MECHANICAL DRAWING LIST

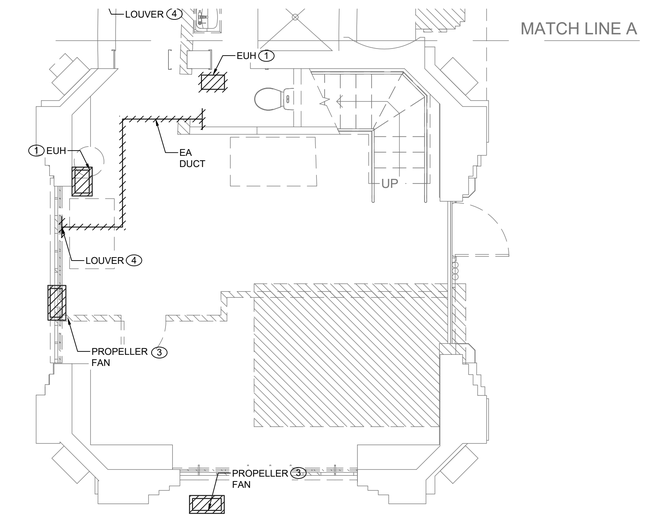
SHEET NO.	SHEET NAME	REVISON NO.	REVISION DATE
NA-M-01	MECHANICAL, SYMBOLS, ABBREVIATIONS AND DRAWING LIST	0	-
NA-M-11	MECHANICAL DEMOLITION FIRST FLOOR PLAN	0	-
NA-M-12	MECHANICAL DEMOLITION ROOF PLAN	0	-
NA-M-21	MECHANICAL CONSTRUCTION FIRST FLOOR PLAN	0	-
NA-M-22	MECHANICAL CONSTRUCTION ROOF PLAN	0	-
NA-M-61	MECHANICAL SCHEDULES & DETAILS	0	-
NA-M-81	MECHANICAL DETAILS	0	-

MECHANICAL DEMOLITION NOTES:

1. DEMOLISH EXISTING ELECTRIC UNIT HEATERS AND ASSOCIATED SUPPORTS, WIRING AND ACCESSORIES. COORDINATE REMOVAL OF ELECTRICAL POWER AND WIRING WITH ELECTRICAL DRAWINGS.
2. DEMOLISH EXISTING RANGE HOOD AND ASSOCIATED DUCTWORK AND PIPING. DEMOLISH EXISTING ANSUL FIRE PROTECTION SYSTEM AND ASSOCIATED CONTROLS. COORDINATE REMOVAL OF ANSUL SYSTEM WITH FIRE PROTECTION CONTRACTOR.
3. DEMOLISH EXISTING WALL MOUNTED PROPELLER FAN AND SEAL EXISTING WALL PENETRATION.
4. DEMOLISH EXISTING LOUVER AND SEAL EXISTING WALL PENETRATIONS.
5. DEMOLISH EXISTING FLUE VENT FOR OVEN AND SEAL EXISTING WALL PENETRATION. PROVIDE FIRE STOPPING TO MATCH EXISTING.
6. DEMOLISH EXISTING CEILING MOUNTED FANS AND ASSOCIATED CONTROLS. COORDINATE REMOVAL OF ELECTRICAL POWER AND WIRING WITH ELECTRICAL DRAWINGS.

MECHANICAL 1ST FL. NORTH ADMIN DEMOLITION PLAN

SCALE: 1/4" = 1'-0'



MECHANICAL 1ST FL. TICKET DEMOLITION PLAN

SCALE: 1/4" = 1'-0'

CONSULTANT INFORMATION

LiRo Engineers, Inc.
A LiRo Group Company
Syosset, N.Y. 516-214-8157[T]

CONSULTANT SEAL

STATE OF NEW YORK · FRANK F. ULISSE · 090714 · LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR: NAME ____ SIGNATURE ____ TITLE ____ DATE ____

PROJECT COORDINATOR: NAME ____ SIGNATURE ____ TITLE ____ DATE ____

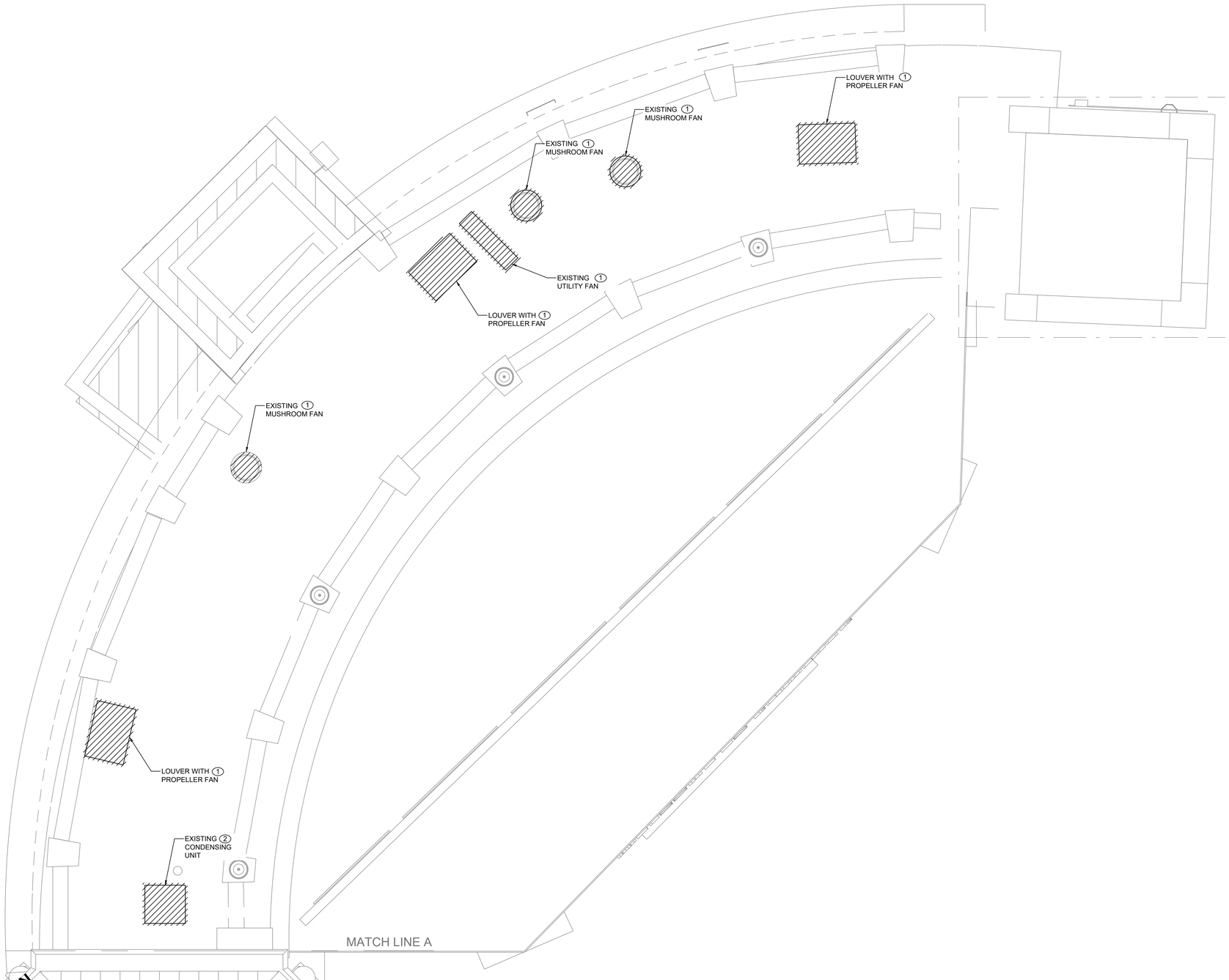
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
NORTH ADMINISTRATION BUILDING
MECHANICAL DEMOLITION FIRST FLOOR PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-M-11
DWG. NO.:	Page 125 of 387
SCALE:	AS NOTED
DATE:	09/16/2020
DPW FILE NUMBER	1-118-M-125
REV. NO.	0

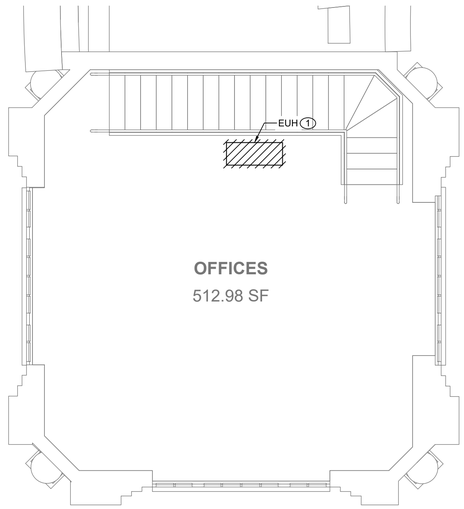
MECHANICAL DEMOLITION NOTES:

1. DEMOLISH EXISTING EXHAUST FAN AND ASSOCIATED CONTROLS, DUCTWORK AND ACCESSORIES. CONTRACTOR SHALL PATCH EXISTING ROOF PENETRATION TO MATCH EXISTING ROOF.
2. DEMOLISH EXISTING CONDENSING UNIT AND ASSOCIATED CONTROLS AND ACCESSORIES. CONTRACTOR SHALL PATCH EXISTING ROOF PENETRATION TO MATCH EXISTING ROOF.



MECHANICAL ROOF NORTH ADMIN DEMOLITION PLAN

SCALE: 1/4" = 1'-0'



MECHANICAL 2ND FL. OFFICE DEMOLITION PLAN

SCALE: 1/4" = 1'-0'

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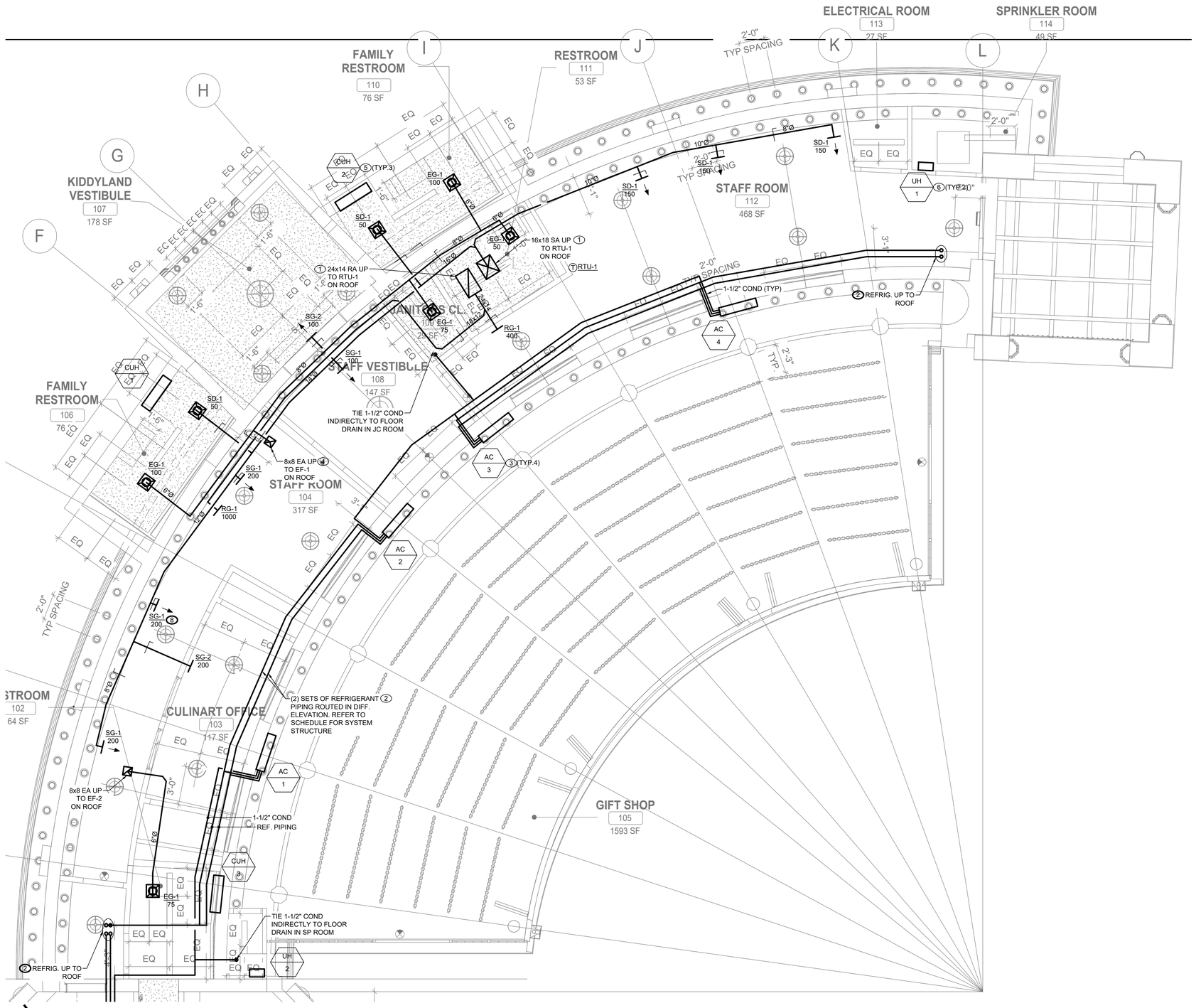
CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
NORTH ADMINISTRATION BUILDING
MECHANICAL DEMOLITION ROOF PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-M-12
DWG NO.:	Page 126 of 387
SCALE:	AS NOTED
DATE:	09/16/2020
DPW FILE NUMBER	1-118-M-126
REV. NO.	0



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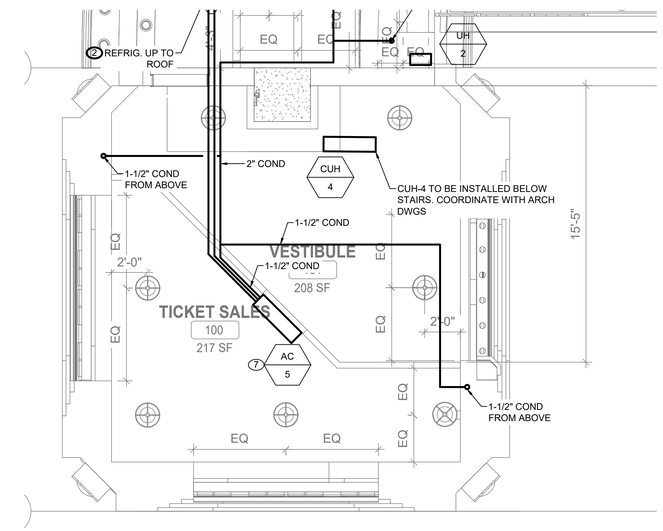
MECHANICAL 1ST FL. NORTH ADMIN CONST PLAN

SCALE: 1/4" = 1'-0'

MECHANICAL CONSTRUCTION NOTES:

1. PROVIDE SUPPLY AND RETURN DUCTWORK FROM ROOFTOP UNIT RTU-1 AND ROUTE ALONG INDICATED PATH. PROVIDE INSULATION TO ALL SUPPLY DUCTWORK. PROVIDE VOLUME DAMPERS AND SUPPLY DIFFUSERS/GRILLES AND BALANCE TO INDICATED VALUES.
2. PROVIDE REFRIGERANT PIPING FROM CONDENSING UNIT ON ROOF TO INDOOR UNIT. REFRIGERANT PIPING IS SHOWN AS A REFERENCE ONLY. REFER TO SCHEDULE FOR INDOOR AND OUTDOOR UNIT PAIRING.
3. PROVIDE INDOOR WALL MOUNTED AC SPLIT UNITS IN GIFT SHOP. THERMOSTAT TO BE UNIT MOUNTED.
4. PROVIDE EXHAUST DUCTWORK FROM TOILETS UP TO ROOFTOP EXHAUST FAN AS INDICATED.
5. PROVIDE RECESSED CABINET UNIT HEATER WITH BUILT IN THERMOSTAT.
6. PROVIDE NEW ELECTRIC WALL MOUNTED UNIT HEATER. COORDINATE INSTALL HEIGHT IN FIELD.
7. PROVIDE SPLIT SYSTEM FOR TICKET SALES WITH ASSOCIATED CONTROLS AND PIPING. REFRIGERANT LINES SHALL BE SIZED PER MANUFACTURER'S SPECIFICATION.
8. INSTALL SUPPLY GRILLES AT A DOWNWARD 45 DEGREES ANGLE. TYPICAL FOR ALL DUCT MOUNTED GRILLES.



N

MECHANICAL 1ST FL. TICKET CONST PLAN

SCALE: 1/4" = 1'-0'

CONSULTANT INFORMATION

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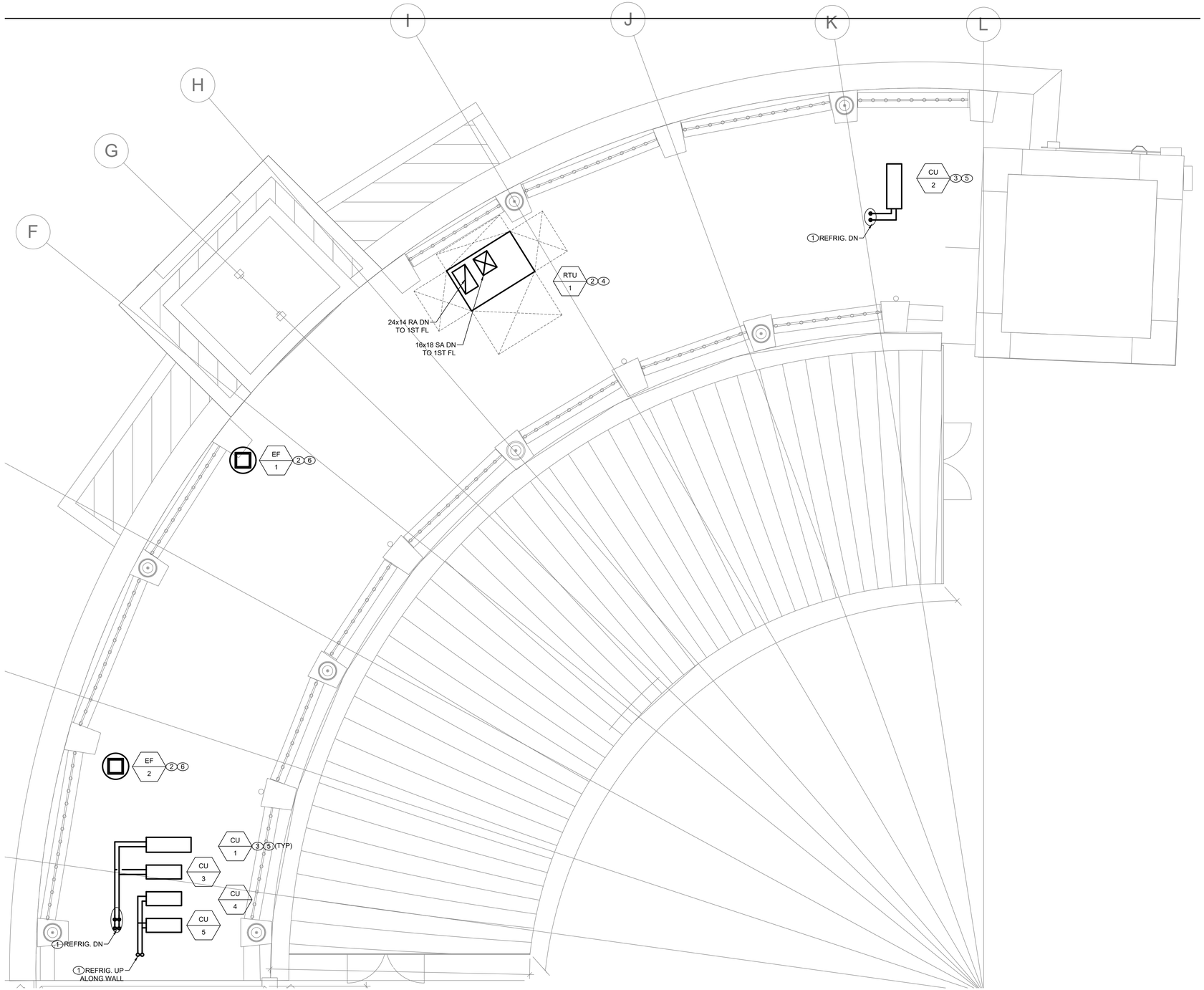
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
NORTH ADMINISTRATION BUILDING
MECHANICAL CONSTRUCTION FIRST FLOOR PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-M-21
DWG NO.:	Page 127 of 387
SCALE:	AS NOTED
DATE:	09/16/2020
DPW FILE NUMBER	1-118-M-127
REV. NO.	0

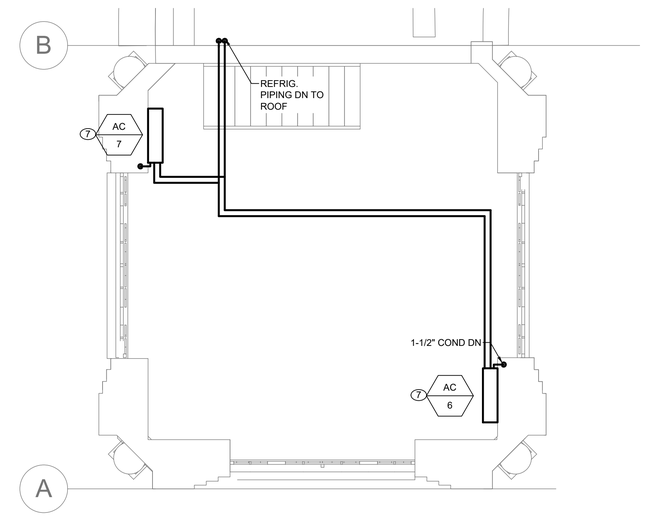
MECHANICAL CONSTRUCTION NOTES:

1. REFRIGERANT PIPING IS SHOWN AS A REFERENCE ONLY. REFER TO SCHEDULE FOR INDOOR AND OUTDOOR UNIT PAIRING. SIZE REFRIGERANT PIPING PER MANUFACTURER'S SPECIFICATION.
2. MAINTAIN 10 FEET CLEARANCE BETWEEN AHU FRESH AIR INTAKE AND ALL EXHAUST AND VENT TERMINATIONS. COORDINATE LOCATION OF VENT THROUGH ROOF WITH P.C.
3. CONDENSING UNITS SHALL BE MOUNTED ON (2) ROOF EQUIPMENT CURBS.
4. PROVIDE NEW ROOFTOP DX UNIT (RTU-1) AND PROVIDE SUPPLY AND RETURN DUCTWORK TO FLOOR BELOW. PROVIDE FIRE DAMPERS AT DUCT PENETRATION TO MATCH FIRE-RATING OF ROOF. UNIT SHALL BE MOUNTED ON STEEL CURB. AHU-1 IS DESIGNED TO OPERATE DURING THE COOLING SEASON ONLY. THE UNIT SHALL BE OFF DURING THE HEATING SEASON.
5. PROVIDE CONDENSING UNITS. UNITS SHALL BE INSTALLED ON A MINIMUM OF 2 EQUIPMENT RAILS.
6. PROVIDE ROOFTOP EXHAUST FAN AND MOUNT AS INDICATED IN DETAILS. PROVIDE FIRE DAMPER AT DUCT PENETRATION WITH ACCESS DOOR.



MECHANICAL ROOF NORTH ADMIN CONST PLAN

SCALE: 1/4" = 1'-0'



MECHANICAL 2ND FL. OFFICES CONST PLAN

SCALE: 1/4" = 1'-0'

CONSULTANT INFORMATION

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CONSULTANT SEAL

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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
NORTH ADMINISTRATION BUILDING
MECHANICAL CONSTRUCTION ROOF PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-M-22
DWG NO.:	Page 128 of 387
SCALE:	AS NOTED
DATE:	09/16/2020
DPW FILE NUMBER	1-118-M-128
REV. NO.	0

DUCTLESS SPLIT SYSTEM HEAT PUMP SCHEDULE

UNIT TAG (INDOOR)	ASSOCIATED OUTDOOR UNIT	MANUFACTURER	MODEL	LOCATION/SERVICE	REFRIGERANT	SUPPLY FAN	COOLING		HEATING		ELECTRICAL			WEIGHT	NOTES
						CFM	TOTAL/SENS. (MBH)	EAT DB/WB	MBH	EAT/LAT DB	V.-PH.-CY.	MCA	MOCP		
AC-1	CU-1	MITSUBISHI	TPKFYP030KM142A	GIFT SHOP	R410A	918	30.0/22.1	80/67	20.5	70/90	208-1-60	0.63	15	46	
AC-2	CU-1	MITSUBISHI	TPKFYP030KM142A	GIFT SHOP	R410A	918	30.0/22.1	80/67	20.5	70/90	208-1-60	0.63	15	46	
AC-3	CU-2	MITSUBISHI	TPKFYP030KM142A	GIFT SHOP	R410A	918	30.0/22.1	80/67	20.5	70/90	208-1-60	0.63	15	46	
AC-4	CU-2	MITSUBISHI	TPKFYP030KM142A	GIFT SHOP	R410A	918	30.0/22.1	80/67	20.5	70/90	208-1-60	0.63	15	46	
AC-5	CU-3	MITSUBISHI	NTXWMT24A112A	FIRST FLOOR OFFICE	R410A	702	22.5/20.0	80/67	26.0	70/90	208-1-60	1.00	15	28	
AC-6	CU-4	MITSUBISHI	NTXWMT24A112A	SECOND FLOOR OFFICE	R410A	702	22.5/20.0	80/67	26.0	70/90	208-1-60	1.00	15	28	
AC-7	CU-5	MITSUBISHI	NTXWMT24A112A	SECOND FLOOR OFFICE	R410A	702	22.5/20.0	80/67	26.0	70/90	208-1-60	1.00	15	28	

NOTES:
1. PROVIDE UNIT WITH WIRED WALL MOUNTED THERMOSTAT.
2. PROVIDE ALL INDOOR UNIT WITH CONDENSATE PUMP.
3. INSTALL AND SIZE REFRIGERANT PIPING PER MANUFACTURER'S SPECIFICATION
4. AC-5, AC-6, AC-7 SHALL BE POWERED BY THE CONDENSING UNIT.

ROOFTOP AIR CONDITIONING UNIT SCHEDULE

TAG	MANUFACTURER	MODEL	LOCATION	NOM. CAP. (TONS)	MIN. OA (CFM)	SUPPLY FAN			FILTER		DX COOLING							COMPRESSOR	CONDENSER			SEER	ELECTRICAL			OPERATING WEIGHT (±LBS)	DIMENSIONS LxWxH (IN)	NOTES
						AIR FLOW (CFM)	ESP (IN)	MOTOR BHP	TYPE	MERV	REFRIG TYPE	TOTAL CAP. (MBH)	SENSIBLE CAP. (MBH)	EAT DB (°F)	EAT WB (°F)	LAT DB (°F)	LAT WB (°F)	TYPE/QTY	AMB. TEMP (°F)	FAN QTY	HP		MCA	MOCP	V-PH-HZ			
RTU-1	TRANE	TSC	ROOF	5	500	1600	1.20	1.00	2" PLEATED	8	R-410A	56.6	47.2	78.4	65.0	54.6	54.6	SCROLL/1	95	1	0.40	14.00	30	45	208-3-60	600	70x45x41	

NOTES:
1. PROVIDE DOWNFLOW SUPPLY AND RETURN UNIT CONFIGURATION, OVERSIZE SUPPLY FAN MOTOR, MOTORIZED OUTSIDE AIR DAMPER, NON-FUSED DISCONNECT, ECONOMIZER, ECONOMIZER HOOD, BAROMETRIC RELIEF HOOD AND 14" ROOF CURB

DUCTLESS SPLIT SYSTEM HEAT PUMP CONDENSING UNIT SCHEDULE

UNIT TAG (OUTDOOR)	MANUFACTURER	MODEL	NOMINAL COOLING (BTU/HR)	NOMINAL HEATING (BTU/HR)	SERVICE	SEER	COP	V.-PH.-CY.	MCA	MOCP	WEIGHT	NOTES
CU-1	MITSUBISHI	TUMYP0601AK42NA	60000	66000	GIFT SHOP	20	4.1	208-1-60	36.0	45.0	295.0	
CU-2	MITSUBISHI	TUMYP0601AK42NA	60000	66000	GIFT SHOP	20	4.1	208-1-60	36.0	45.0	295.0	
CU-3	MITSUBISHI	NTXSMT24A112A	24000	26000	FIRST FLOOR OFFICE	18	3.05	208-1-60	14	15	121	
CU-4	MITSUBISHI	NTXSMT24A112A	24000	26000	SECOND FLOOR OFFICE	18	3.05	208-1-60	14	15	121	
CU-5	MITSUBISHI	NTXSMT24A112A	24000	26000	SECOND FLOOR OFFICE	18	3.05	208-1-60	14	15	121	

FAN SCHEDULE

TAG	MANUFACTURER	MODEL	LOCATION	SERVICE	TYPE	DRIVE	AIR FLOW (CFM)	TSP (IN. WG)	ELECTRICAL				OPERATING WEIGHT (±LBS)	DIMENSIONS DxH (IN)
									HP	BHP	RPM	V-PH-HZ		
EF-1	GREENHECK	G-095	ROOF	BATHROOM EXHAUST	CENTRIFUGAL	DIRECT	325	0.75	1/6	0.11	1725	208-1-60	30	22x15
EF-2	GREENHECK	G-097	ROOF	BATHROOM EXHAUST	CENTRIFUGAL	DIRECT	75	0.50	1/4	0.02	1725	208-1-60	39	25x24

NOTES:
1. PROVIDE ALL CONTACTS, RELAYS, AND DEVICES NECESSARY FOR BMS CONTROL OF FANS PER SEQUENCE OF OPERATIONS.
2. PROVIDE PREMIUM EFFICIENCY MOTORS.
3. PROVIDE THERMAL OVERLOAD FOR ALL SINGLE PHASE MOTORS.
4. PROVIDE SALT WATER RESISTANT HI-PRO POLYESTER COATING FOR ALL FANS.
5. FAN SHALL BE FURNISHED WITH NON FUSED DISCONNECT.
6. PROVIDE 12" ROOF CURBS FOR ALL ROOF MOUNTED FANS. INCLUDE 1.5" INSULATION ON CURB.

DIFFUSER SCHEDULE

TAG	MANUFACTURER	MODEL	SERVICE	CFM	NECK SIZE (IN)	FACE SIZE (IN)	MAX PD (wg)	MAX NC	NOTES
SD-1	PRICE	ASPD	SUPPLY	<200	6" ROUND	12X12	0.15	20	ALUMINUM TYPE 31 T BAR/4C.
SG-1	PRICE	SDG	SUPPLY	-	-	10X10	0.06	-	ALUMINUM, NO SCREW HOLES, 45 DEG DEFLECTION, 3/4" (13) BLADE SPACING.
SG-2	PRICE	630	SUPPLY	-	6" ROUND	12X12	0.02	18	ALUMINUM TYPE TB, NO SCREW HOLES, 45 DEG DEFLECTION, 3/4" (13) BLADE SPACING.
RG-1	PRICE	630	RETURN	-	-	24X16	-0.1	27	ALUMINUM TYPE TB, NO SCREW HOLES, 45 DEG DEFLECTION, 3/4" (13) BLADE SPACING.
EG-1	PRICE	630	EXHAUST	-	-	12X12	-0.044	18	ALUMINUM TYPE TB, NO SCREW HOLES, 45 DEG DEFLECTION, 3/4" (13) BLADE SPACING.

NOTES:
1. COORDINATE AND CONFIRM CEILING MOUNT (T-BAR, SURFACE, ETC) WITH ARCHITECT BEFORE ORDERING EQUIPMENT.
2. BASE PRICE FOR BIDDING MUST CONTAIN DIFFUSERS/GRILLES BY PRICE. CONTRACTOR CAN SUBMIT A DEDUCT/ALTERNATE FOR DIFFUSERS/GRILLES BY A DIFFERENT MANUFACTURER.

ELECTRIC UNIT HEATER SCHEDULE

TAG	MANUFACTURER	MODEL	SERVICE	TYPE	KW	V-PH-HZ
UH-1	QMARK	MUH03	SPRINKLER ROOM	WALL HUNG	3.0	208-1-60
UH-2	QMARK	MUH03	WATER SERVICE ROOM	WALL HUNG	3.0	208-1-60

NOTES:
1. PROVIDE UNIT MOUNTED THERMOSTATS.

OUTDOOR AIR VENTILATION SCHEDULE

SPACE DETAILS				MECH CODE REQUIREMENTS (2)									ACTUAL OA FLOW (CFM)	ACTUAL EA FLOW (CFM)
ROOM	AREA (FT²)	ROOM HEIGHT (FT)	VOLUME (FT³)	# PEOPLE	# OF CHAIRS	OA / SQ FT	OA PER PERSON	NET OA	# OF FIXT (TOILET/URINALS/ SLOP SINK)	CFM/FIXTURE	NET EA			
GIFT SHOP	1513	10.5	15890	0	0	0.06	5	91	0	-	-		NOTE 2	-
RESTROOM 1	90	12.5	1128	0	0	0.00	5	0	1	50	50		-	50
RESTROOM 2	81	12.5	1013	0	0	0.00	5	0	1	50	50		-	50
RESTROOM 3	59	16.5	977	0	0	0.00	5	0	1	50	50		-	50
RESTROOM 4	71	16.5	1172	0	0	0.00	5	0	1	50	50		-	75
JANITOR'S CLOSET	54	16.5	897	0	0	0.00	5	0	1	50	50		-	75
VESTIBULE 1	157	10.0	1570	0	0	0.06	5	9	0	-	-		10	-
VESTIBULE 2	135	10.0	1350	0	0	0.06	5	8	0	-	-		10	-
CULINART OFFICE	120	16.5	1987	4	2	0.06	5	27	0	-	-		40	-
CULINART LOCKERS	291	16.5	4809	0	0	0.06	5	17	0	-	-		30	-
PLAYLAND LOCKERS	476	16.5	7854	0	0	0.06	5	29	0	-	-		70	-
TICKET SALES	227	10.5	2387	4	2	0.06	5	34	0	-	-		50	-
STAIRS	202	16.5	3330	0	0	0.00	5	0	0	-	-		0	-
OFFICES	502	14.0	7029	4	2	0.06	5	50	0	-	-		50	-
SPRINKLER ROOM	45	16.5	750	0	0	0.00	5	0	0	-	-		-	-
WATER SERVICE ROOM	18	17	290	0	0	0.00	5	0	0	-	-		-	-

NOTES:
1. NEW YORK STATE MECHANICAL CODE
2. GIFT SHOP IS OPEN TO OUTDOORS, VENTILATION IS PROVIDED BY NATURAL MEANS.

CABINET UNIT HEATER SCHEDULE

EQUIP. NO.	MANUFACTURER	MODEL	LOCATION	SERVICE	TYPE	KW	V-P-HZ	AMPS	UNIT DIMENSIONS (LxDxH)
CUH-1	QMARK	CU935	RESTROOM 1		WALL MOUNTED	2	208-1-60	10.0	35x10x27
CUH-2	QMARK	CU935	RESTROOM 2		WALL MOUNTED	2	208-1-60	10.0	35x10x27
CUH-3	QMARK	CU935	RESTROOM 4		WALL MOUNTED	2	208-1-60	10.0	35x10x27
CUH-4	QMARK	CU935	STAIRWAY		WALL MOUNTED	3	208-1-60	15.0	35x10x27

NOTES:
1. PROVIDE WITH 2 STAGE BUILT-IN THERMOSTAT.

CONSULTANT INFORMATION
LiRo Engineers, Inc.
A LiRo Group Company
Syosset, N.Y. 516-214-8157[T]

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RECORD DRAWING CERTIFICATION
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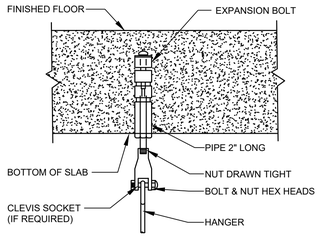
PROJECT COORDINATOR: NAME / SIGNATURE / TITLE / DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
NORTH ADMINISTRATION BUILDING
MECHANICAL SCHEDULES

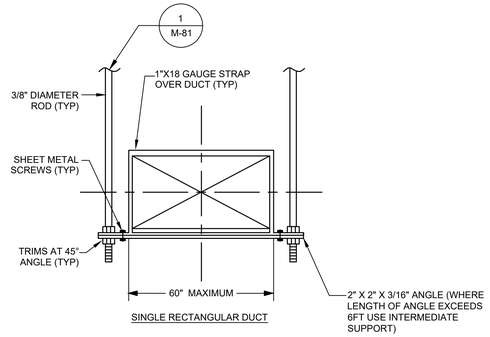
CONTRACT NUMBER 20-501
SHEET NUMBER NA-M-61
DWG NO.: Page 129 of 387
SCALE: AS NOTED
DATE: 09/16/2020
DPW FILE NUMBER 1-118-M-129
REV. NO. 0



CONCRETE ANCHOR FOR HANGING PIPING OR EQUIPMENT

1 / M-81 MECHANICAL ANCHORING DETAIL

SCALE: NOT TO SCALE



SINGLE RECTANGULAR DUCT

2 / M-81 MECHANICAL DUCT HANGER DETAIL

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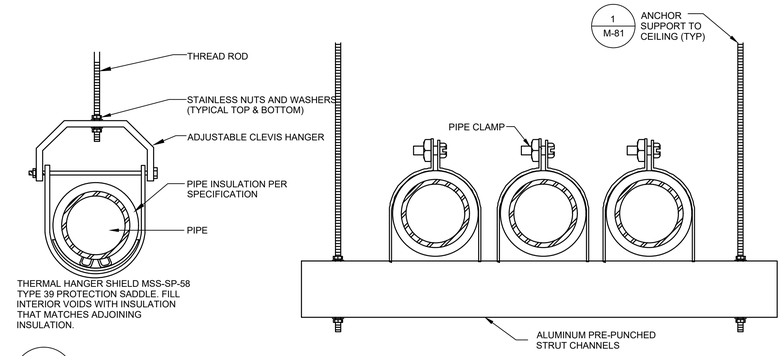
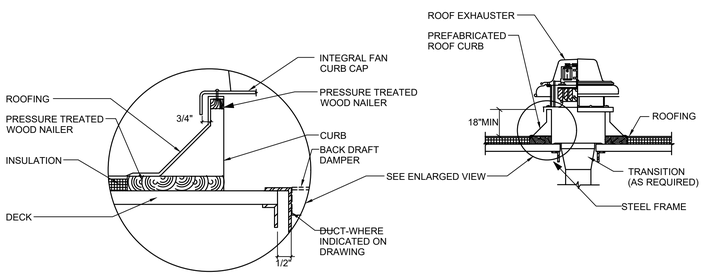


3 / M-81 MECHANICAL PIPE HANGER DETAIL

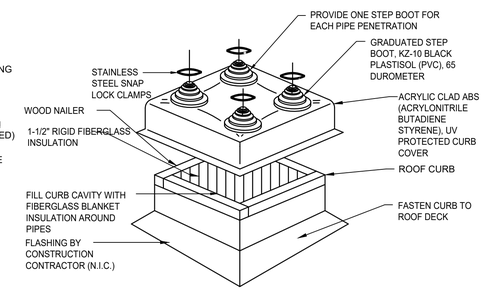
SCALE: NOT TO SCALE



NOTES:
1. BACKDRAFT DAMPER SHALL BE FULL SIZE OF OPENING IN ROOF DECK.

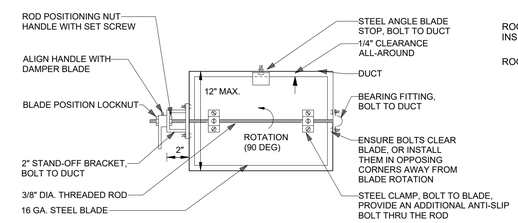
4 / M-81 MECHANICAL ROOF FAN DETAIL

SCALE: NOT TO SCALE



5 / M-81 MECHANICAL REFRIG. PENETRATION DETAIL

SCALE: NOT TO SCALE

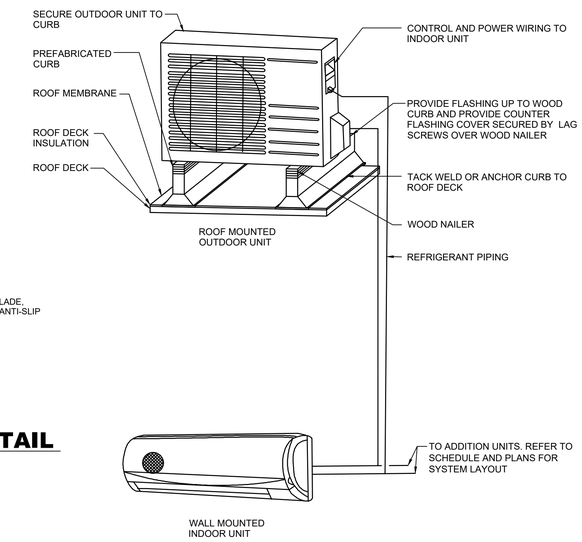


NOTES:

1. DAMPERS FOR ROUND DUCTS SHALL BE SIMILAR TO THE DAMPER SHOWN ABOVE.
2. ENSURE THAT FULL 90 DAMPER BLADE MOVEMENT IS UNOBSTRUCTED.
3. FOR DUCT HEIGHTS MORE THAN 12", PROVIDE FACTORY-FABRICATED OPPOSED BLADE DAMPERS.

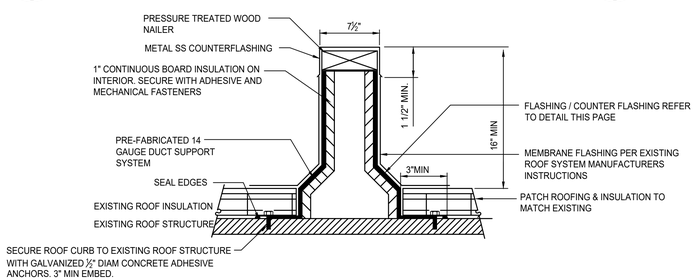
6 / M-81 MECHANICAL VOLUME DAMPER DETAIL

SCALE: NOT TO SCALE



7 / M-801 MECHANICAL SPLIT PIPING DETAIL

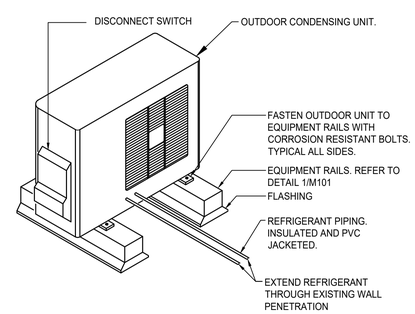
SCALE: NOT TO SCALE



NOTE:
1. ALL EXPOSED METAL OR WELDS SUSCEPTIBLE TO RUSTING TO BE PAINTED WITH COLD GALVANIZED COATING
2. CONTRACTOR TO INSTALL MEMBRANE FLASHING PER EXISTING ROOFING SYSTEM MANUFACTURER'S INSTRUCTIONS AND TO MEET ANY EXISTING ROOF WARRANTY REQUIREMENTS.
3. CONTRACTOR TO VERIFY IN THE FIELD ALL EXISTING ROOF CONDITIONS AND DIMENSIONS PRIOR TO STARTING WORK.
4. MAINTAIN ROOF IN WEATHER TIGHT CONDITION DURING ENTIRE PROJECT.
5. CONTRACTOR TO PROVIDE TEMPORARY PROTECTION OF THE ROOF WITHIN THE AREA OF WORK THROUGHOUT CONSTRUCTION.
6. ANCHOR CONDENSER TO SUPPORTS WITH ½" STAINLESS STEEL GRADE 5 ANCHORS

8 / M-81 MECHANICAL EQUIP RAILS DETAIL

SCALE: NOT TO SCALE



9 / M-81 MECHANICAL CONDENSING UNIT DETAIL

SCALE: NOT TO SCALE

CONSULTANT INFORMATION

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Syosset, N.Y. 516-214-8157[T]

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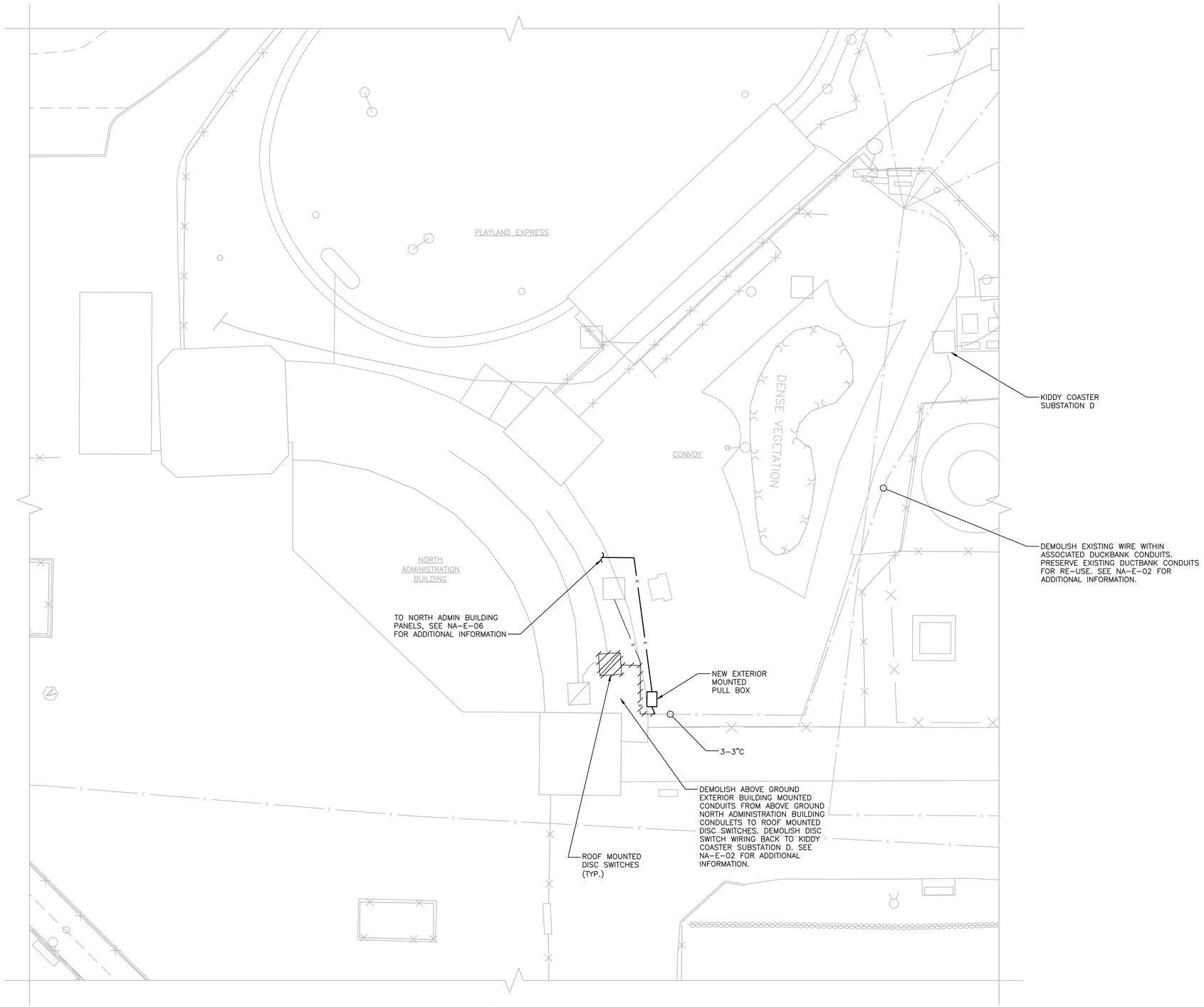
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
NORTH ADMINISTRATION BUILDING
MECHANICAL DETAILS

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-M-81
DWG NO.:	Page 130 of 387
SCALE:	AS NOTED
DATE:	09/16/2020
DPW FILE NUMBER	1-118-M-130
REV. NO.	0

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.



PART SITE PLAN
Scale: 1" = 10'-0"

CONSULTANT INFORMATION

Savin Engineers, P.C.

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PROJECT COORDINATOR
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SIGNATURE
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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
SITE PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-E-01
DWG NO.	Page 131 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-E-131
REV. NO.	0

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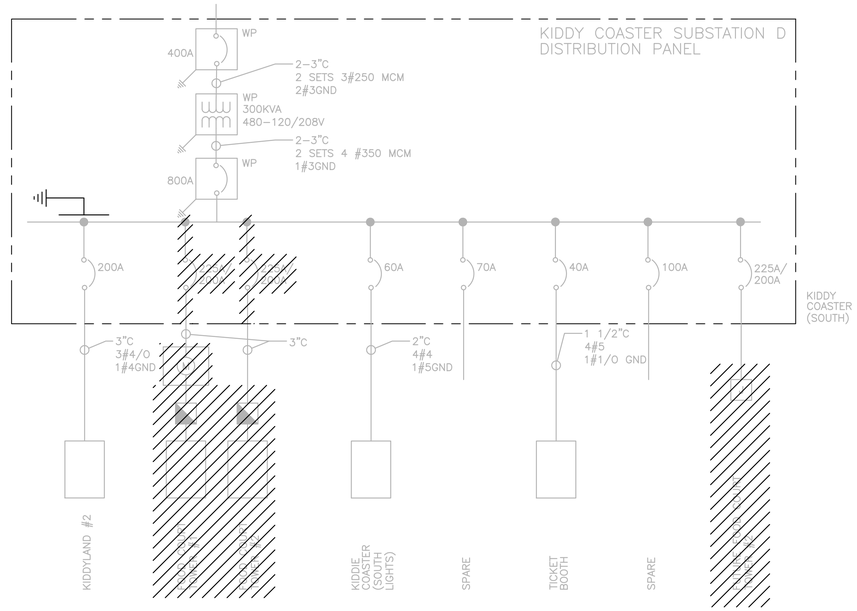

KIDDIE COASTER ONE LINE DIAGRAM – DEMOLITION

SCALE: NTS

NOTES:

1. CONTRACTOR SHALL DISCONNECT AND REMOVE 4–4/0, 1#4 GND IN UNDERGROUND DUCT BANK FROM EXISTING CIRCUIT BREAKER LOCATED IN KIDDY COASTER SUBSTATION D DISTRIBUTION PANEL TO EXTERIOR FOOD COURT #1 DISCONNECT SWITCH ON ROOF OF NORTH ADMINISTRATION BUILDING. CONTRACTOR SHALL PRESERVE THE UNDERGROUND CONDUIT FOR RE–USE. SEE SITE PLAN ON NA–E–01 FOR ADDITIONAL INFORMATION.

2. CONTRACTOR SHALL DISCONNECT AND REMOVE 4–4/0, 1#4 GND IN UNDERGROUND DUCT BANK FROM EXISTING CIRCUIT BREAKER LOCATED IN KIDDY COASTER SUBSTATION D DISTRIBUTION PANEL TO EXTERIOR FOOD COURT #2 DISCONNECT SWITCH ON ROOF OF NORTH ADMINISTRATION BUILDING. CONTRACTOR SHALL PRESERVE THE UNDERGROUND CONDUIT FOR RE–USE. SEE SITE PLAN ON NA–E–01 FOR ADDITIONAL INFORMATION.

3. CONTRACTOR SHALL DISCONNECT AND REMOVE 4–4/0, 1#4 GND IN UNDERGROUND DUCT BANK FROM EXISTING CIRCUIT BREAKER LOCATED IN KIDDY COASTER SUBSTATION D DISTRIBUTION PANEL TO EXISTING METER PAN LOCATED IN NORTH ADMINISTRATION BUILDING ELECTRICAL ROOM. CONTRACTOR SHALL PRESERVE THE UNDERGROUND CONDUIT FOR RE–USE. SEE SITE PLAN ON NA–E–01 FOR ADDITIONAL INFORMATION.

4. CONTRACTOR SHALL REMOVE THREE(3) 3" CONDUITS FROM ABOVE GROUND EXISTING LB FITTINGS LOCATED AT GRADE UP TO EXISTING DISCONNECT SWITCHES LOCATED ON THE ROOF. CONTRACTOR SHALL PRESERVE THE UNDERGROUND CONDUIT FOR RE–USE. SEE SITE PLAN ON NA–E–01 FOR ADDITIONAL INFORMATION.

5. CONTRACTOR SHALL REMOVE TWO (2) 3" CONDUITS FROM ROOF TO EXISTING POWER PANELS LOCATED IN THE SPRINKLER VALVE ROOM. CONTRACTOR SHALL PRESERVE THE UNDERGROUND CONDUIT FOR RE–USE. SEE SITE PLAN ON NA–E–01 FOR ADDITIONAL INFORMATION.

6. CONTRACTOR SHALL REMOVE ONE(1) 3" CONDUITS FROM ROOF TO EXISTING METER PAN LOCATED IN THE ELECTRICAL ROOM. CONTRACTOR SHALL PRESERVE THE UNDERGROUND CONDUIT FOR RE–USE. SEE SITE PLAN ON NA–E–01 FOR ADDITIONAL INFORMATION.

7. SEE DWG NA–E–01 FOR LOCATION OF SUBSTATIONS, DUCT BANK AND EQUIPMENT REFERENCED ON THIS SHEET.

8. CONTRACTOR SHALL DEMOLISH EXISTING BRANCH CIRCUIT BREAKERS SERVING FOOD COURT #1 AND #2 AT THE KIDDY COASTER SUBSTATION DISTRIBUTION PANEL.

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Projectname: ---- Comments: ----
Rev#:
Printed by: MGadby Date: 24 September 2020 9:04 AM Designed by: ----
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CONSULTANT INFORMATION

Savin Engineers, P.C.

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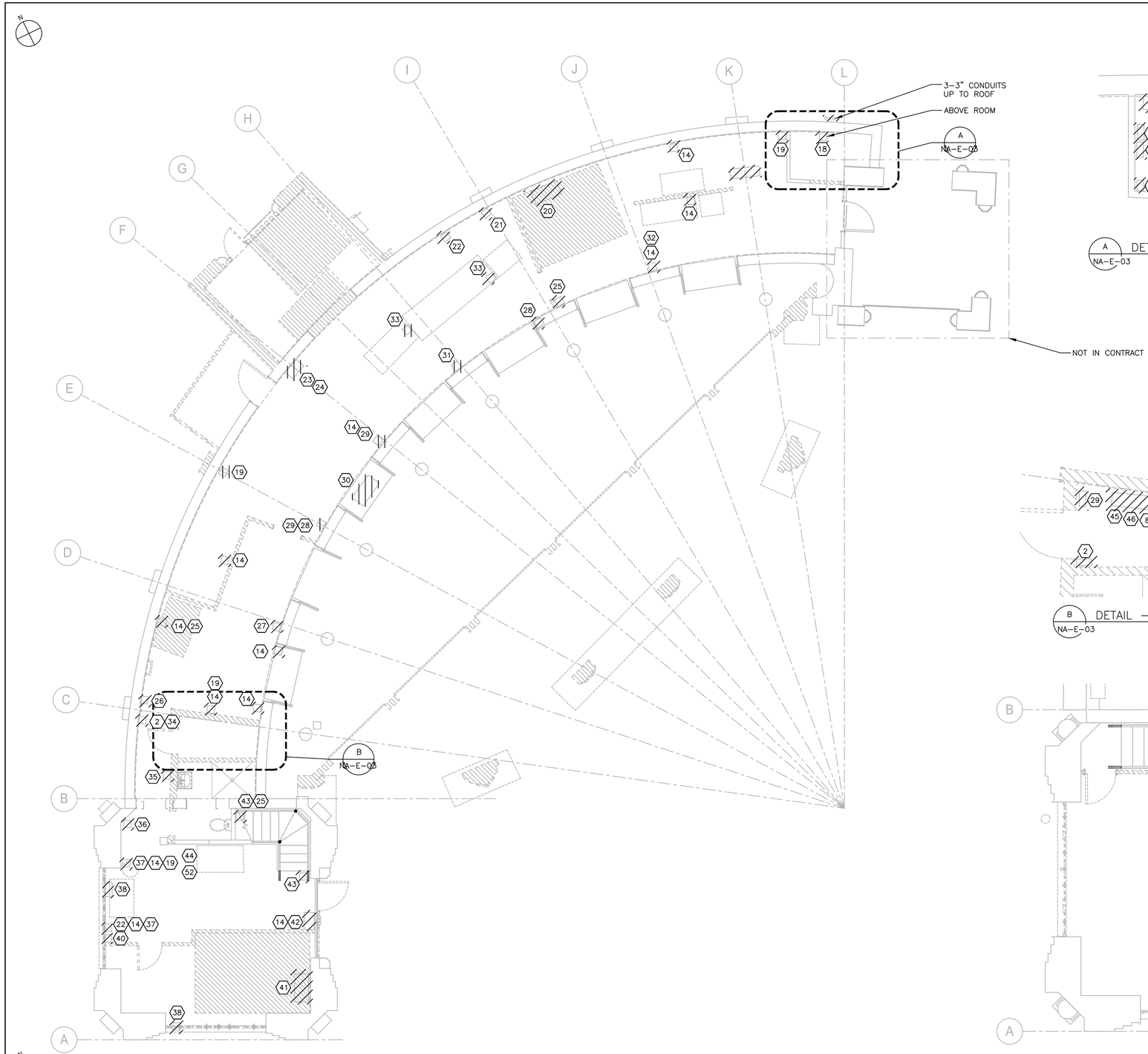
SIGNATURE
TITLE DATE

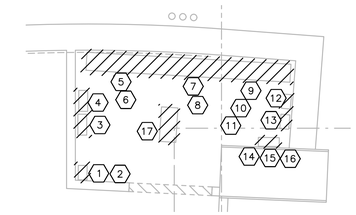
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
SINGLE LINE - DEMOLITION

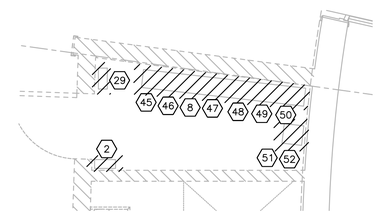
CONTRACT NUMBER	20-501
SHEET NUMBER	NA-E-02
DWG NO.:	Page 132 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-E-132
REV. NO.	0



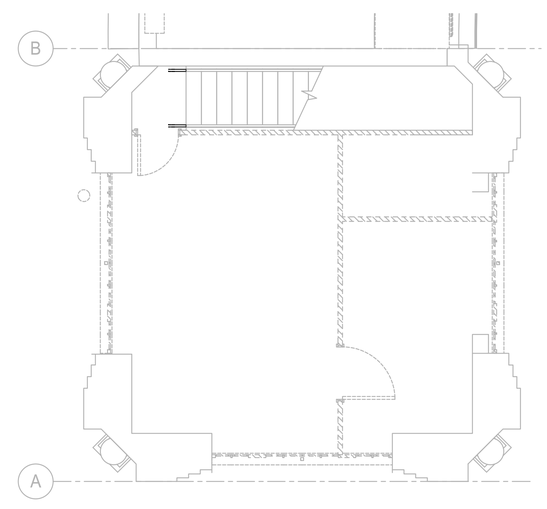
NORTH ADMIN GROUND FLOOR DEMOLITION PLAN
SCALE: 3/16 = 1'-0"



A NA-E-03 DETAIL – SPRINKLER VALVE ROOM
SCALE: 3/8 = 1'-0"



B NA-E-03 DETAIL – ELECTRICAL ROOM
SCALE: 3/8 = 1'-0"



NORTH ADMIN UPPER OFFICE DEMOLITION PLAN
SCALE: 3/16 = 1'-0"

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. FOR DEMOLITION LIGHTING PLAN, SEE DRAWING NA-E-04.
3. ALL REMOVED EQUIPMENT SHALL BE RETURNED TO OWNER UPON REQUEST OTHERWISE, ALL REMOVED MATERIAL SHALL BE LEGALLY DISPOSED OF.
4. ALL EXISTING CABLE AND CONDUIT SHALL BE DOCUMENTED PRIOR TO REMOVAL.
5. CABLE AND CONDUIT IN CEILING THAT IS TO REMAIN SHALL BE PROTECTED AND SUPPORTED DURING STRUCTURAL WORK.
6. CONTRACTOR SHALL DISCONNECT AND REMOVE ALL EXISTING ABANDONED FLUORESCENT LIGHTING FIXTURES IN HUNG CEILING.

DEMOLITION LEGEND

1	UNIT HEATER THERMOSTAT
2	LIGHT SWITCH
3	FIRE ALARM PANEL
4	FA FIBER OPTIC PATCH PANEL
5	24 CKT LIGHTING PANEL
6	PULL BOX
7	42 CKT PANEL FOOD COURT # 1
8	WIRE THROUGH (ABOVE PANELS)
9	WIRE THROUGH (BELOW PANELS)
10	42 CKT PANEL FOOD COURT # 2
11	TELEPHONE TERMINAL BOX
12	FLOW SWITCH
13	FA RELAY PANEL
14	RECEPTACLE
15	UNIT HEATER
16	AIR COMPRESSOR
17	1X4 LIGHT FIXTURE
18	1900 JUNCTION BOX (ABOVE)
19	MOTION SENSOR
20	WALK IN FREZZER
21	HOOD FA CONTROL PANEL
22	FA NORN/STROBE
23	TELPHONE JACK
24	HOOD FA CONTROL PANEL
25	CAMERA
26	INTRUSION DETECTION PANEL
27	2-230V, 120V RECEPTACLES
28	RECEPTACLE, 1900 JUNCTION BOX
29	1900 JUNCTION BOX
30	COMPUTER NETWORK CABLES
31	QUAD RECEPTACLES
32	QUAD RECEPTACLE, 3-1900 JUNCTION BOXES
33	JUNCTION BOX (OVEN)
34	PULL BOX
35	2 GANG LIGHT SWITCHES
36	EMBEDDED PULL BOX
37	SWITCH UNIT HEATER
38	FAN
39	SWITCH FAN
40	2- CAMERAS
41	STARTER,CONTROL PANEL,DISCONNECT WALKIN FREEZE
42	DISCONNECT SWITCH FREZZER
43	FA PULLSTATION
44	JUNTION BOX ICE MACHINE
45	ELECTRIC METER
46	30 CKT PANEL # 1
47	CIRCUIT BREAKER
48	12 CKT PANEL # 2
49	SWITCH HOT WATER HEATER
50	RECEPTACLE UNIT HEATER
51	UNIT HEATER
52	WATER HEATER
53	JUNTION BOX ICE MACHINE
54	JUNTION BOX ICE MACHINE

0 4' 8'
SCALE: 1/4" = 1'-0"

0 4' 8'
SCALE: 3/16" = 1'-0"

CONSULTANT INFORMATION
Savin Engineers, P.C.

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DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
GROUND FLOOR DEMOLITION PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-E-03
DWG NO.	Page 133 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-E-133
REV. NO.	0

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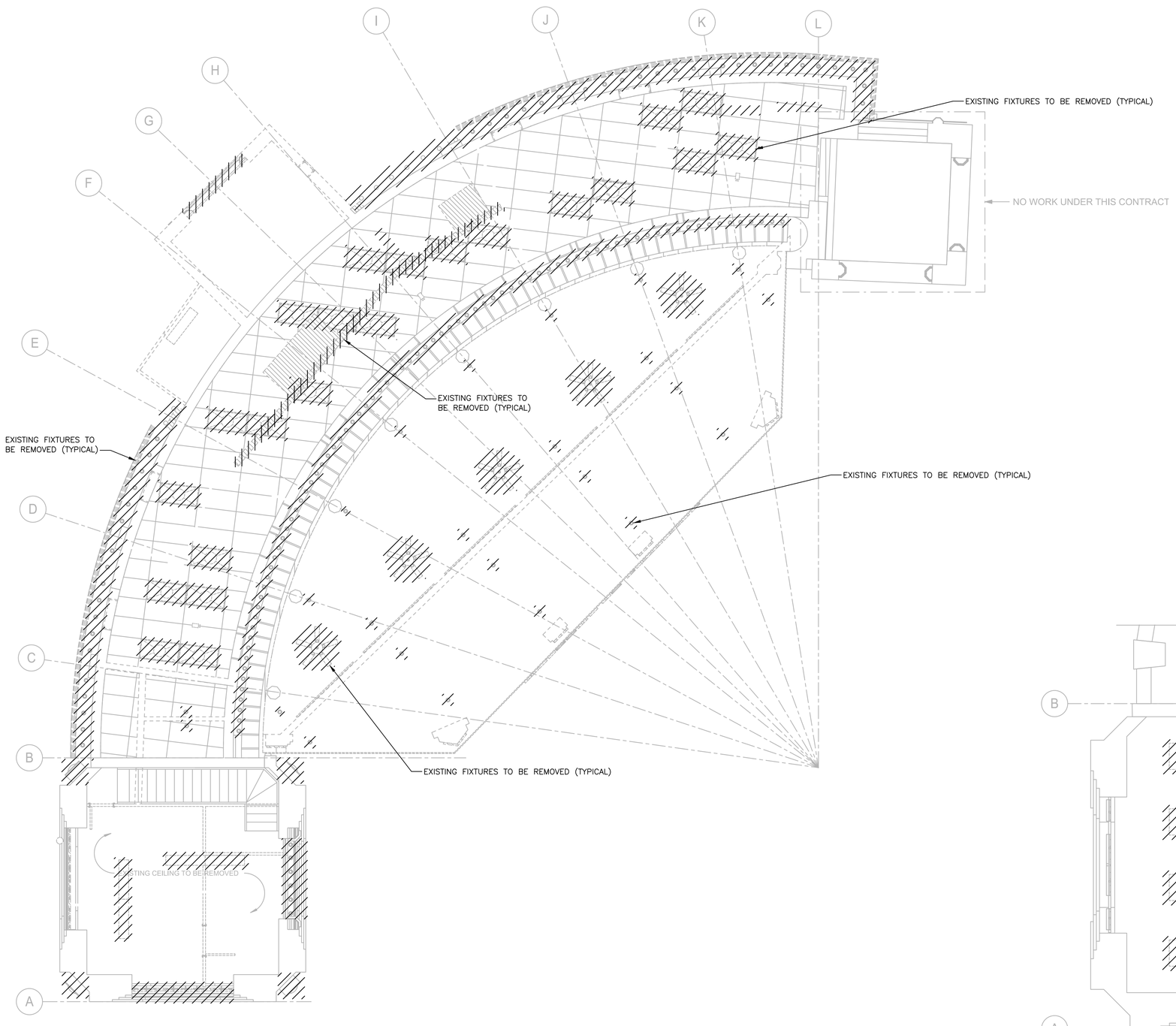
Xrefs: [TB_24X36_WestchesterCo_2.dwg] [TSG-SVL000.dwg] [NAS-FP0001.dwg] [NAE-GP0001.dwg]

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. ALL REMOVED EQUIPMENT SHALL BE RETURNED TO OWNER UPON REQUEST. OTHERWISE ALL REMOOVED MATERIAL SHALL BE LEGALLY DISPOSED OF.
3. DISCONNECT AND REMOVE ALL ASSOCIATED LIGHTING POWER AND CONTROL WIRE AND CONDUIT BACK TO SOURCE. ABANDON CONCEALED CONDUIT IN PLACE.
4. ALL EXISTING CABLE AND CONDUIT SHALL BE DOCUMENTED PRIOR TO REMOVAL.

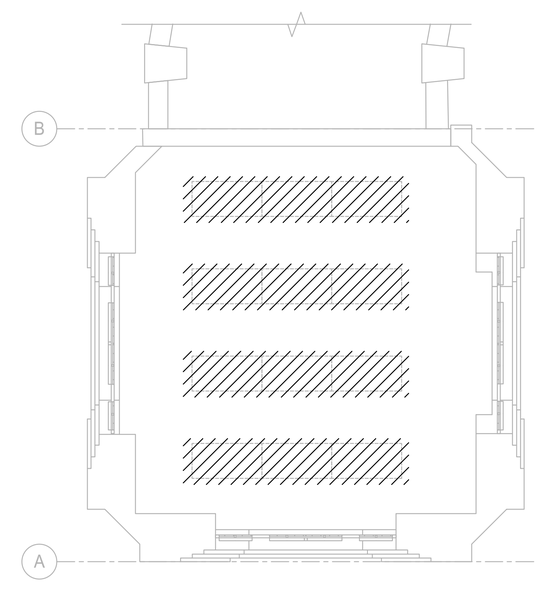


NORTH ADMINISTRATION BUILDING GROUND FLOOR DEMOLITION PLAN

SCALE: 3/16" = 1'-0"

0 4' 8'

SCALE: 3/16" = 1'-0"



NORTH ADMINISTRATION BUILDING SECOND FLOOR DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

0 4' 8'

SCALE: 1/4" = 1'-0"

CONSULTANT INFORMATION

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SIGNATURE
TITLE DATE

PROJECT COORDINATOR

NAME
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TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

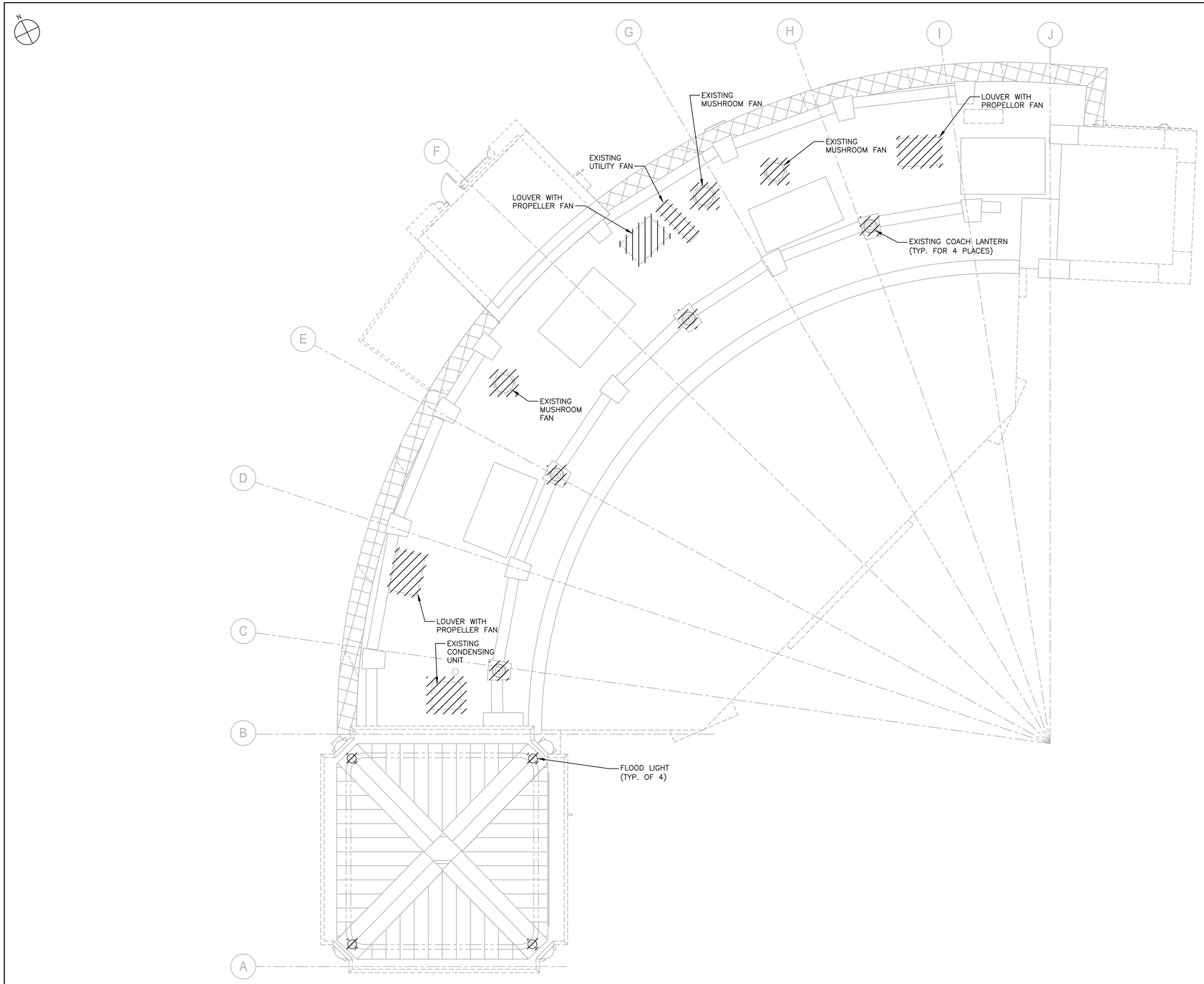
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
GROUND FLOOR DEMOLITION LIGHTING PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-E-04
DWG NO.	Page 134 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-E-134
REV. NO.	0

Drawing Name: G:\SavinAutocad\2060\25-Playland\CAD\E\NA_E-04.dwg
Projectname: ---- Comments: ----
Printed by: MGodby Date: 24 September 2020 9:05 AM Designed by: ----
Xrefs: [TB_24X36_WestchesterCo_2.dwg] [TSG-SVL060.dwg] [NAS-FP0002.dwg] [NAS-FP0003.dwg]

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. FOR ROOF DEMOLITION POWER AND LIGHTNING PLAN, SEE DRAWING NA-E-04.



NORTH ADMINISTRATION BUILDING ROOF DEMOLITION PLAN

SCALE: 3/16" = 1'-0"

0 4' 8'

SCALE: 3/16" = 1'-0"

Drawing Name: G:\SavinAutocad\2060\25-Playland\CAD\E\NA_E-05.dwg
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Printed by: MGodby Date: 24 September 2020 9:06 AM Designed by: ----
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DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
ROOF DEMOLITION PLAN

CONTRACT NUMBER	20-501
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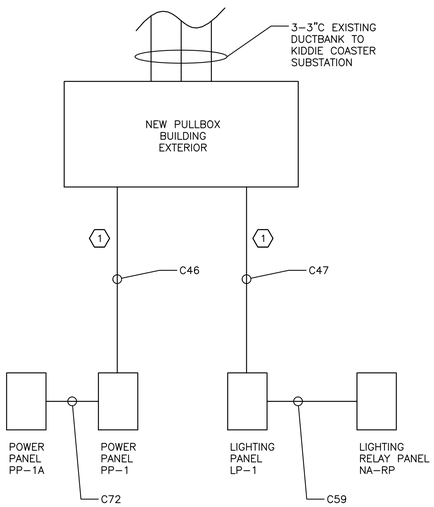
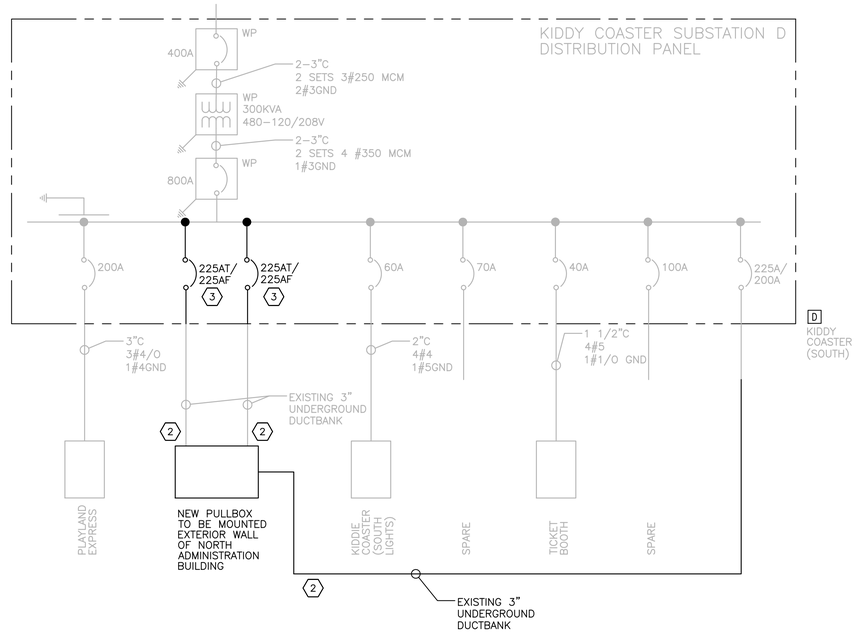
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-E-135
REV. NO.	0



NORTH ADMINISTRATION BUILDING ONE LINE DIAGRAM

N.T.S.



KIDDIE COASTER ONE LINE DIAGRAM – MODIFIED

SCALE: 3/16 = 1'-0"

KEY NOTES:

1. CONTRACTOR SHALL FURNISH AND INSTALL NEW CONDUIT AND NEW PULLBOX TO BLDG DISCONNECT SWITCH.
2. CONTRACTOR SHALL FURNISH AND INSTALL NEW WIRE AS SHOWN ON CONDUIT AND CABLE SCHEDULE FROM KIDDY COASTER SUBSTATION TO NEW POWER AND LIGHTING PANELS IN NORTH ADMINISTRATION BUILDING TERMINATE NEW WIRE ON EXISTING BREAKERS AT SUBSTATION.
3. CONTRACTOR SHALL FURNISH AND INSTALL NEW BRANCH CIRCUIT BREAKERS AT THE KIDDY COASTER SUBSTATION DISTRIBUTION PANEL, NEW BRANCH BREAKERS SHALL MATCH THE EXISTING DISTRIBUTION PANEL SHORT CIRCUIT RATING FOR BIDDING PURPOSES ASSUME 200KA.

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PROJECT COORDINATOR
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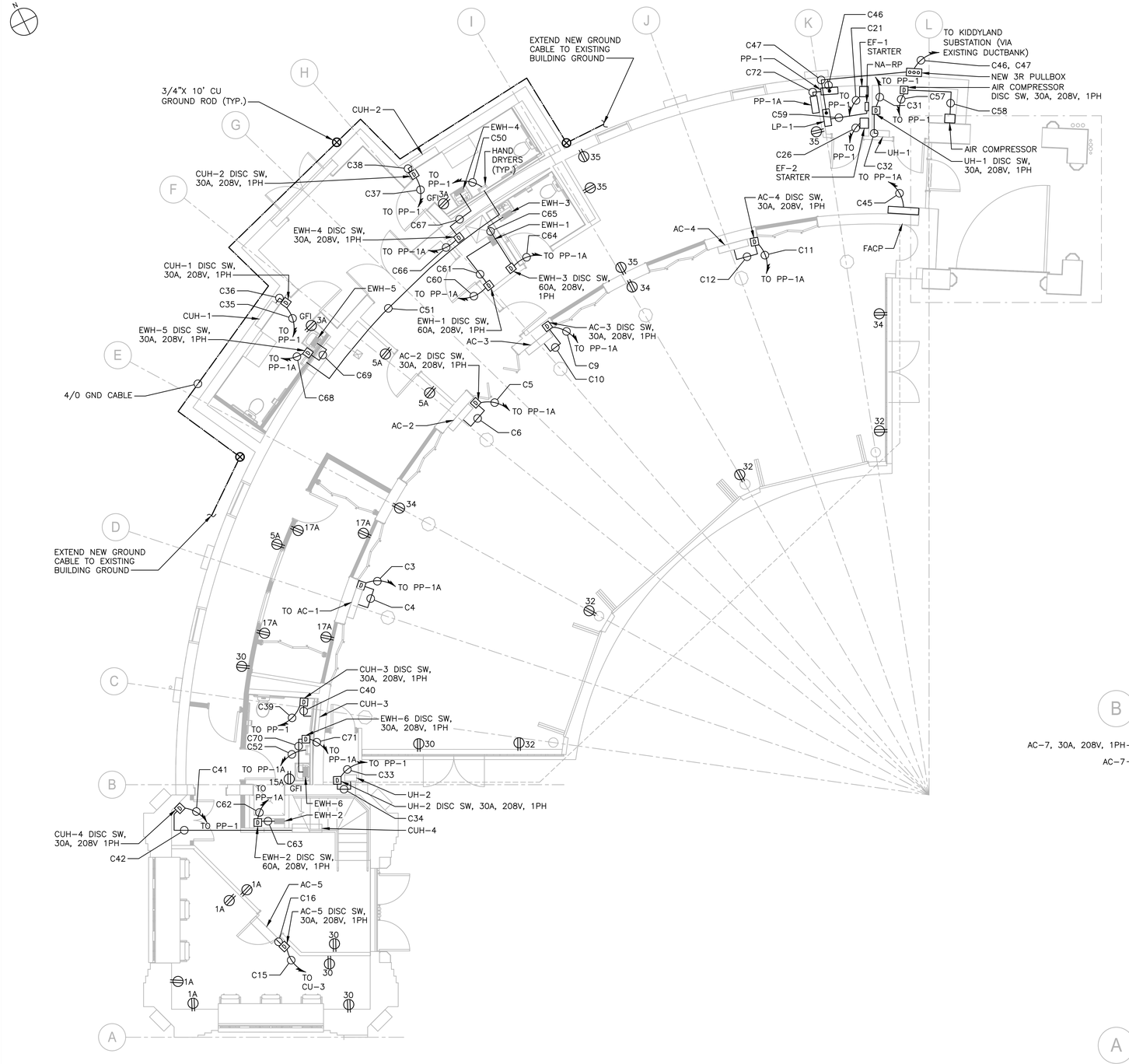
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

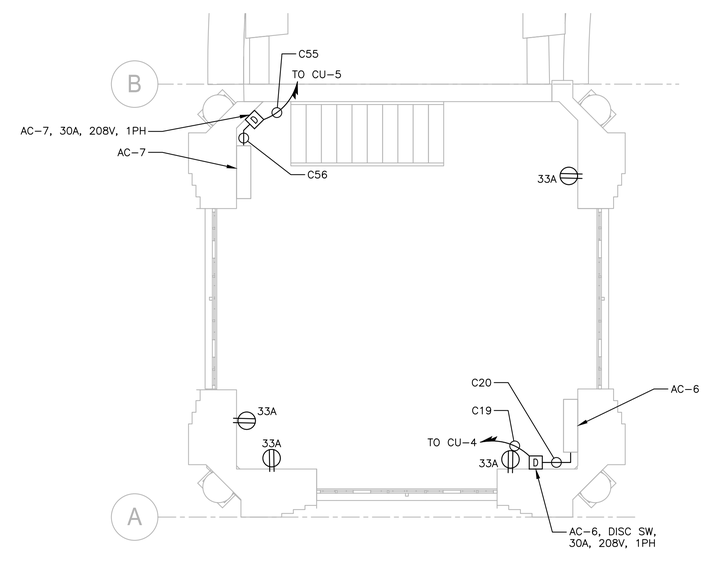
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
SINGLE LINE DIAGRAM

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-E-06
DWG NO.	Page 136 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-E-136
REV. NO.	0



NORTH ADMINISTRATION GROUND FLOOR POWER PLAN

SCALE: 3/16 = 1'-0"



NORTH ADMINISTRATION SECOND FLOOR POWER PLAN

SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"

SCALE: 3/16" = 1'-0"

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. CONTRACTOR IS ADVISED, THE LIGHTNING PROTECTION SYSTEM SHOWN SHALL BE USED AS A GUIDE AND FOR BIDDING PURPOSES. CONTRACTOR SHALL HIRE A CERTIFIED LIGHTNING PROTECTION SPECIALIST FOR INSTALLATION OF NEW SYSTEM. INSTALLER SHALL PROVIDE ALL THAT IS REQUIRED (PER NFPA 780) AND SHALL OBTAIN UL96A CERTIFICATION (MASTER LABEL) UPON COMPLETION. ADDITIONALLY, INSTALLER SHALL PROVIDE FOR ALL NECESSARY BONDING FOR COMPLETE SYSTEM.
3. ALL RECEPTACLES DESIGNATORS ARE POWERED VIA PANEL PP-1, UNLESS OTHERWISE NOTED.
4. ALL RECEPTACLES DESIGNATORS WITH "A" POWERED VIA PANEL PP-1A, UNLESS OTHERWISE NOTED.
5. ALL HVAC LOW VOLTAGE WIRING SHALL BE PERFORMED BY THE HVAC CONTRACTOR, INCLUDING BUT NOT LIMITED TO LOW VOLTAGE THERMISTATIC WIRING.
6. ALL CIRCUITS SHOWN ON THE DRAWING BUT NOT SPECIFICALLY CALLED OUT ON THE CABLE & CONDUIT SCHEDULE SHALL BE 3/4" CONDUIT WITH 2#12, 1#12G AWG. CIRCUITS SHALL INCLUDE BUT ARE NOT LIMITED TO RECEPTACLES.
7. EXHAUST FAN STARTERS SHALL BE FURNISHED BY THE EXHAUST FAN MANUFACTURER. FOR EXHAUST FAN STARTER REQUIREMENTS SEE HVAC CONTRACT DRAWINGS AND SPECIFICATIONS.
8. DISCONNECT SWITCHES OUTDOORS, IN RESTROOMS, AND/OR IN JANITORS CLOSETS SHALL BE IN A NEMA 3R ENCLOSURE.

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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
GROUND FLOOR - POWER

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-E-07
DWG NO.	Page 137 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-E-137
REV. NO.	0

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Rev#:
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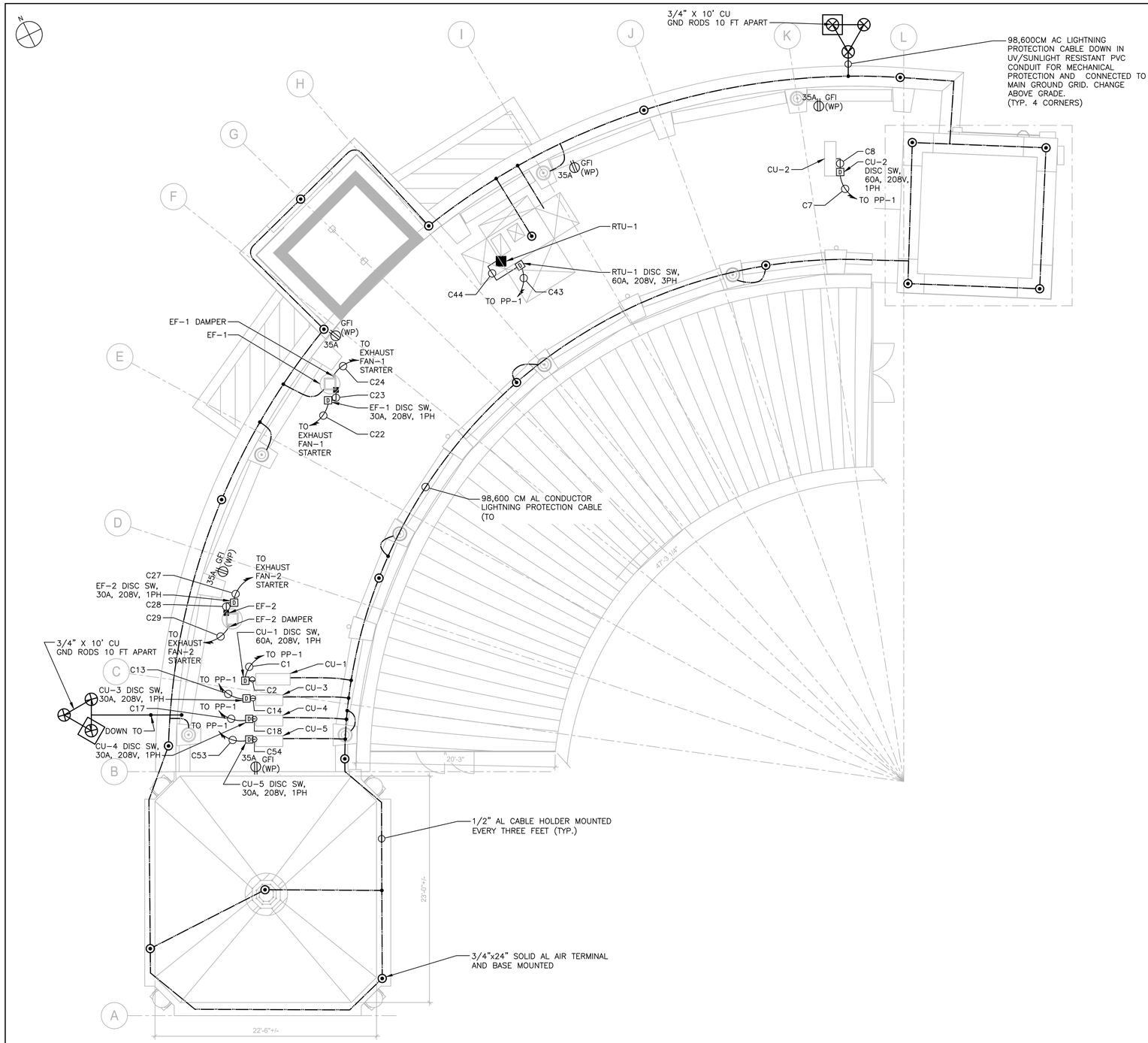

NORTH ADMINISTRATION ROOF POWER / LIGHTNING PROTECTION PLAN

SCALE: 3/16 = 1'-0"

NOTES:

1. FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS, SEE DRAWING GE-E-01.
2. LIGHTNING PROTECTION SYSTEM SHALL BE DESIGNED BY A CERTIFIED LIGHTNING PROTECTION SYSTEM DESIGNER/INSTALLER. DRAWINGS ARE PROVIDED FOR BIDDING PURPOSES ONLY.
3. CONTRACTOR SHALL PROVIDE MASTER LABEL FOR ENTIRE LPS SYSTEM.
4. ALL CONDUITS SHOWN ON DRAWING ARE SHOWN DIAGRAMTICALLY, CONTRACTOR SHALL FINALIZE FINAL ROUTING IN THE FIELD.
5. ALL RECEPTACLES DESIGNATORS ARE POWERED VIA PANEL PP-1, UNLESS OTHERWISE NOTED.
6. ALL RECEPTACLES DESIGNATORS WITH "A" POWERED VIA PANEL PP-1A, UNLESS OTHERWISE NOTED.
7. ALL HVAC LOW VOLTAGE WIRING SHALL BE PERFORMED BY THE HVAC CONTRACTOR, INCLUDING BUT NOT LIMITED TO LOW VOLTAGE THERMOSTATIC WIRING.
8. ALL CIRCUITS SHOWN ON THE DRAWING BUT NOT SPECIFICALLY CALLED OUT ON THE CABLE & CONDUIT SCHEDULE SHALL BE 3/4" CONDUIT WITH 2#12, 1#12G AWG. CIRCUITS SHALL INCLUDE BUT ARE NOT LIMITED TO RECEPTACLES.
9. EXHAUST FAN STARTERS SHALL BE FURNISHED BY THE EXHAUST FAN MANUFACTURER. FOR EXHAUST FAN STARTER REQUIREMENTS SEE HVAC CONTRACT DRAWINGS AND SPECIFICATIONS.
10. DISCONNECT SWITCHES OUTDOORS, IN RESTROOMS, AND/OR IN JANITORS CLOSETS SHALL BE IN A NEMA 3R ENCLOSURE.

0 4' 8'

SCALE: 3/16" = 1'-0"

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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
ROOF POWER PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-E-08
DWG NO.:	Page 138 of 387
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DPW FILE NUMBER	1-118-E-138
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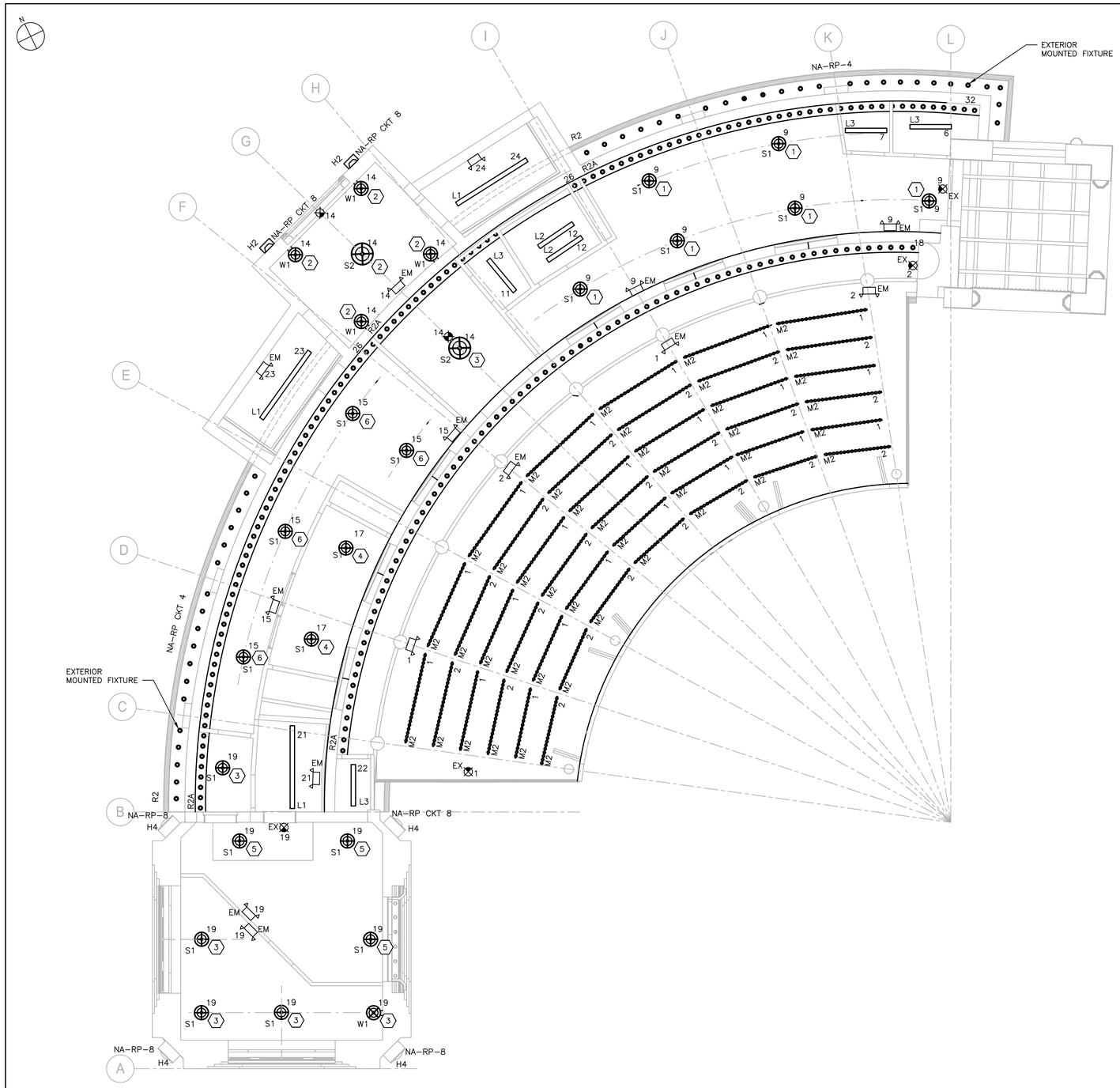
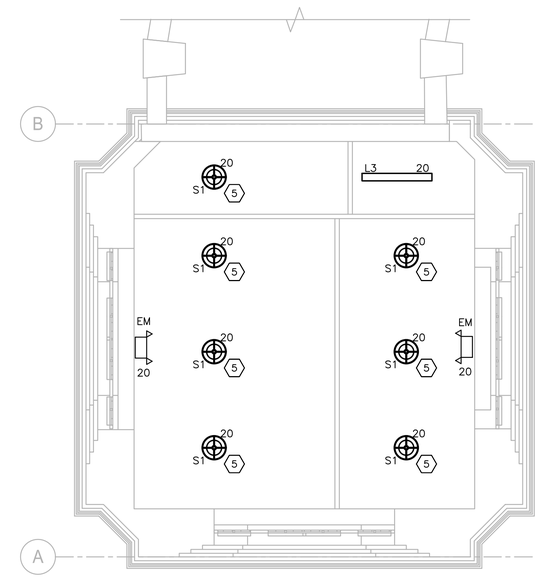


NORTH ADMINISTRATION GROUND FLOOR LIGHTING PLAN

SCALE: 3/16 = 1'-0"



NORTH ADMINISTRATION SECOND FLOOR LIGHTING PLAN

SCALE: 1/4 = 1'-0"

NOTES:

1. FOR ADDITIONAL NOTES, SYMBOLS AND ABBREVIATIONS SEE DRAWING GE-E-01.
2. ALL LIGHTING CIRCUITS SHOWN ON PLAN ARE POWERED VIA LIGHTING PANEL LP-1, UNLESS NOTED OTHERWISE. CONTRACTOR SHALL CIRCUIT LIGHTING FIXTURES WITH 3/4" CONDUIT WITH 2#12, 1#12G. UNLESS NOTED OTHERWISE. CONTRACTOR SHALL DAISY-CHAIN ALL LIGHT FIXTURES WITH SAME CIRCUIT NUMBER BACK TO LIGHTING PANEL LP-1.
3. ALL EXTERIOR LIGHTING SHALL BE CIRCUITED TO RELAY PANEL NA-RP. CONTRACTOR SHALL CIRCUIT LIGHTING FIXTURES WITH 3/4" CONDUIT WITH 2#10, 1#10G. UNLESS NOTED OTHERWISE. CONTRACTOR SHALL DAISY-CHAIN ALL EXTERIOR LIGHT FIXTURES WITH SAME CIRCUIT NUMBER BACK TO RELAY PANEL NA-RP.
4. EXIT SIGNS SHALL BE WIRED TO THE UNSWITCHED LEG OF THE DESIGNATED CIRCUIT.
5. EMERGENCY FIXTURES SHALL BE WIRED TO THE UNSWITCHED LEG OF THE DESIGNATED CIRCUIT.

KEY NOTES:

1. LED LIGHT BULB SHALL BE RATED FOR 5,000 LUMENS.
2. LED LIGHT BULB SHALL BE RATED FOR 3,000 LUMENS.
3. LED LIGHT BULB SHALL BE RATED FOR 9,000 LUMENS.
4. LED LIGHT BULB SHALL BE RATED FOR 17,000 LUMENS.
5. LED LIGHT BULB SHALL BE RATED FOR 10,000 LUMENS.
6. LED LIGHT BULB SHALL BE RATED FOR 7,000 LUMENS.

0 4' 8'
SCALE: 1/4" = 1'-0"

0 4' 8'
SCALE: 3/16" = 1'-0"

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
LIGHTING PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-E-09
DWG NO.:	Page 139 of 387
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DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-E-139
REV. NO.	0

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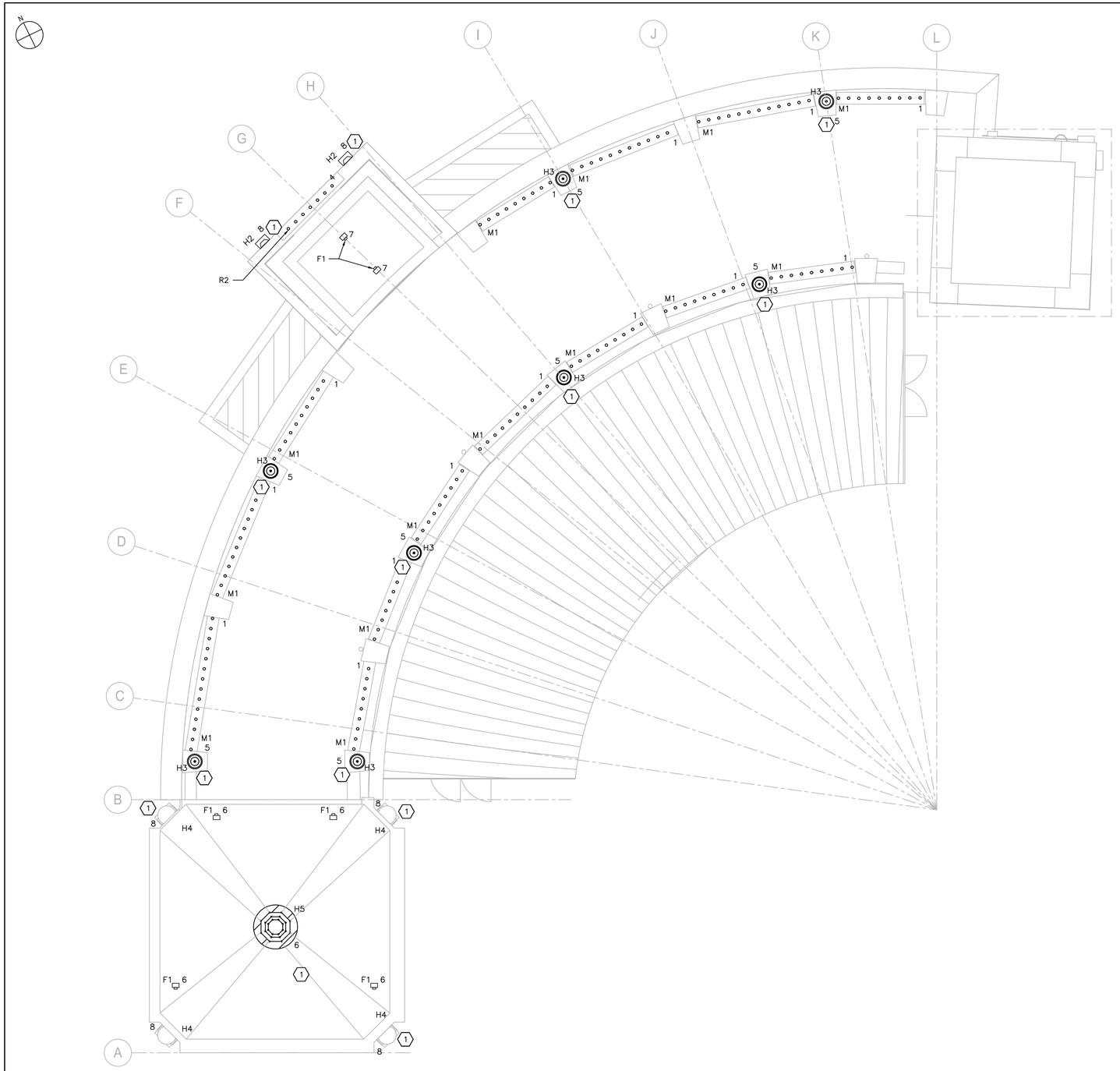

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. FOR ROOF PROPOSED POWER AND LIGHTNING PROTECTION, SEE DRAWING NA-E-08.
3. ALL LIGHTING CIRCUITS SHOWN ON PLAN ARE POWERED TO RELAY PANEL NA-RP. CONTRACTOR SHALL CIRCUIT LIGHTING FIXTURES WITH 3/4" CONDUIT WITH 2#10, 1#10G. UNLESS NOTED OTHERWISE. CONTRACTOR SHALL DAISY-CHAIN ALL LIGHT FIXTURES WITH SAME CIRCUIT NUMBER BACK TO RELAY PANEL NA-RP.
4. FOR LIGHTING CONTROLS SYMBOLS SEE DRAWING NA-E-12.

KEY NOTES:

1. REINSTALL TORCHIERE AND LANTERN FIXTURES WITH LED COMPONENTS. REFER TO ARCHITECTURAL DRAWINGS FOR RESTORATION DETAILS. PROVIDE CABLE AND CONDUIT TO RELAY LIGHTING PANEL IN ELECTRIC ROOM. PROVIDE #10AWG CABLE IN 3/4" RGS CONDUIT.

NORTH ADMINISTRATION ROOF PLAN – LIGHTING
SCALE: 3/16 = 1'-0"

0 4' 8'
SCALE: 3/16" = 1'-0"

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DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
ROOF LIGHTING PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-E-10
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DPW FILE NUMBER	1-118-E-140
REV. NO.	0

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LP-1

1 NEMA RATING
225 AMP BUS RATING — 225A MAIN BREAKER — 42 KA SHORT CIRCUIT RATING — 3 POLES
LOCATION: ELECTRIC ROOM
208/120 VOLTS — 3 PHASE 4 WIRE — 60 HZ — ELECTRONIC GRADE: NO — MOUNTING: RECESS

CIRCUIT NO.	DESCRIPTION	LOAD KVA PHASE A	LOAD KVA PHASE B	LOAD KVA PHASE C	BREAKER AMPS/ POLES	NOTES	CIRCUIT NO.	DESCRIPTION	LOAD KVA PHASE A	LOAD KVA PHASE B	LOAD KVA PHASE C	BREAKER AMPS/ POLES	NOTES
1	GIFT SHOP LIGHTS	0.75			20/1		2	GIFT SHOP LIGHTS	0.75			20/1	
3	NA-RP OUTDOOR SPARE				20/1		4	TOWER 1-MURAL LIGHTS VIA TW1-RP		0.25		20/1	
5	TOWER 1-ACORN LIGHTS VIA TW1-RP			0.25	20/1		6	SPRINKLER ROOM 114 LIGHTS			0.1	20/1	
7	ELECTRIC ROOM 113 LIGHTS	0.1			20/1		8	RELAY PANEL NA-RP	1			20/1	
9	STAFF ROOM 112 LIGHTS		0.3		20/1		10	TOWER 1-GATE PIER LIGHTS VIA TW1-RP		0.25		20/1	
11	JANITOR CLOSET 109 LIGHTS			0.05	20/1		12	RESTROOM 111 LIGHTS			0.2	20/1	
13	EXTERIOR SOFFIT LIGHTS VIA RELAY PANEL	0.72			30/1		14	KIDDYLAND VESTIBULE STAFF VESTIBULE 108/107	0.3			20/1	
15	STAFF ROOM 104 LIGHTS		1		20/1		16	TOWER 1 RELAY PANEL TW1-RP		1		20/1	
17	CULINARY OFFICE 103 LIGHTS			0.4	20/1		18	GIFT SHOP RING LIGHTS			0.75	20/1	
19	TICKET OFFICE RM/VESTIBULE 100/101 LIGHTS	0.8			20/1		20	2ND FLOOR OFFICE RM 200/201/202 LIGHTS	0.8			20/1	
21	RESTROOM LIGHTS 102		0.1		20/1		22	CLOSET LIGHT NEAR TICKET OFFICE		0.05		20/1	
23	FAMILY RESTROOM 106			0.1	20/1		24	FAMILY RESTROOM 110			0.1	20/1	
25	EXTERIOR STRIP LIGHTS VIA NA-RP	1			20/1		26	STAFF ROOM 104 RING LIGHTS	0.75			20/1	
27	TOWER 1-SIDE TOUCHERES LIGHTS VIA TW1-RP		0.25		20/1		28	EXTERIOR WALL LIGHTS VIA NA-RP		0.25		20/1	
29	NA-RP OUTDOOR SPARE				20/1		30	STAFF VESTIBULE 108 RING LIGHTS			0.75	20/1	
31	TOWER 1-FLOOD LIGHTS VIA TW1-RP	1			20/1		32	STAFF ROOM 112 RING LIGHTS	0.75			20/1	
33	ROOF LANTERNS VIA NA-RP		0.25		20/1		34	ROOF FLOOD LIGHTS VIA NA-RP		1		20/1	
35	ROOF FLOOD LIGHTS VIA NA-RP			2	30/1		36	SPARE				20/1	
37	TOWER 1-CEILING LIGHTS VIA TW1-RP	0.25			20/1		38	SPARE				20/1	
39	SPARE				20/1		40	SPARE				20/1	
41	SPARE				20/1		42	SPARE				20/1	
	TOTAL PHASE KVA THIS SIDE	4.62	1.9	2.8				TOTAL PHASE KVA THIS SIDE	4.35	2.8	1.9		
								TOTAL KVA PER PHASE	8.97	4.7	4.7		
								TOTAL THREE PHASE KVA		18.37			

NOTES:
1.
2.
3.
4.

NOTES CONT:
5.
6.
7.
8.

PP-1A

1 NEMA RATING
225A AMP BUS RATING — 225A MAIN BREAKER — 42 KA SHORT CIRCUIT RATING — 3 POLES
LOCATION: OUTSIDE ELECTRIC ROOM
208/120 VOLTS — 3 PHASE 4 WIRE — 60 HZ — ELECTRONIC GRADE: NO — MOUNTING: RECESS

CIRCUIT NO.	DESCRIPTION	LOAD KVA PHASE A	LOAD KVA PHASE B	LOAD KVA PHASE C	BREAKER AMPS/ POLES	NOTES	CIRCUIT NO.	DESCRIPTION	LOAD KVA PHASE A	LOAD KVA PHASE B	LOAD KVA PHASE C	BREAKER AMPS/ POLES	NOTES
1	GFI RECEPTACLES	0.72			20/1		2	EWH-1	4.15			50/2	
3	GFI RECEPTACLES		0.36		20/1		4			4.15			
5	GFI RECEPTACLES			0.54	20/1		6	EWH-2			4.15	50/2	
7	AC-1	0.07			20/2		8		4.15				
9			0.07				10	EWH-3		1.5		30/2	
11	HAND DRYER			0.8	20/2		12				1.5		
13		0.8					14	EWH-4	1.5			30/2	
15	GFI RECEPTACLES		0.18		20/1		16			1.5			
17	GFI RECEPTACLES			0.72	20/1		18	EWH-5			1.5	30/2	
19	AC-2	0.07			20/2		20		1.5				
21			0.07				22	EWH-6		1.5		30/2	
23	AC-3			0.07	20/2		24				1.5		
25		0.07					26	SPARE				20/1	
27	AC-4		0.07		20/2		28	SPARE				20/1	
29				0.07			30	SPARE				20/1	
31	FIRE ALARM CONTROL PANEL	1			20/1		32	SPARE				20/1	
33	GFI RECEPTACLES		0.72		20/1		34	SPARE				20/1	
35	GFI RECEPTACLES			1.08	20/1		36	SPARE				20/1	
37	SPARE				20/1		38	BLANK					
39	SPARE				20/1		40	BLANK					
41	SPARE				20/1		42	BLANK					
	TOTAL PHASE KVA THIS SIDE	2.73	1.47	3.28				TOTAL PHASE KVA THIS SIDE	11.3	8.65	8.65		
								TOTAL KVA PER PHASE	14.03	10.12	11.93		
								TOTAL THREE PHASE KVA		36.08			

NOTES:
1. FURNISH A NEMA 1 PANELBOARD ENCLOSURE.
2.
3.
4.

NOTES CONT:
5.
6.
7.
8.

NA-RP

LOCATION: ELECTRIC RM

CIRCUIT NO.	DESCRIPTION	NOTES
1	ROOF STRIP LIGHTS	NEW
2	SPARE	NEW
3	SPARE	NEW
4	EXTERIOR SOFFIT LIGHTS	NEW
5	ROOF LANTERNS	NEW
6	ROOF FLOOD LIGHTS	NEW
7	ROOF FLOOD LIGHTS	NEW
8	EXTERIOR WALL LIGHTS	NEW

PP-1

1 NEMA RATING
225 AMP BUS RATING — 225A MAIN BREAKER — 42 KA SHORT CIRCUIT RATING — 3 POLES
LOCATION: ELECTRIC ROOM
208/120 VOLTS — 3 PHASE 4 WIRE — 60 HZ — ELECTRONIC GRADE: NO — MOUNTING: RECESS

CIRCUIT NO.	DESCRIPTION	LOAD KVA PHASE A	LOAD KVA PHASE B	LOAD KVA PHASE C	BREAKER AMPS/ POLES	NOTES	CIRCUIT NO.	DESCRIPTION	LOAD KVA PHASE A	LOAD KVA PHASE B	LOAD KVA PHASE C	BREAKER AMPS/ POLES	NOTES
1	CU-1	3.8			50/2		2	CU-2	3.8			50/2	
3			3.8				4			3.8			
5	CU-3			1.5	30/2		6	CU-4			1.5	30/2	
7		1.5					8		1.5				
9	RTU-1		3.7		50/3		10	EF-1		0.25		30/2	
11				3.7			12				0.25		
13		3.7					14	UH-1	1.5			20/2	
15	EF-2		0.31		20/2		16			1.5			
17				0.31			18	CUH-1			1	30/2	
19	UH-2	1.5			20/2		20		1				
21			1.5				22	CUH-2		1		30/2	
23	CUH-3			1	30/2		24				1		
25		1					26	CU-5	1.5			30/2	
27	SPARE				20/1		28			1.5			
29	AIR COMPRESSOR			0.4	20/2		30	GFI RECEPTACLES			0.9	20/1	
31		0.4					32	GFI RECEPTACLES	0.72			20/1	
33	SOUTH GATE RECEPTACLES		0.36		20/1		34	GFI RECEPTACLES		0.54		20/1	
35	GFI RECEPTACLES			0.72	20/1		36	HAND DRYERS			1.4	30/2	
37	PANEL PP-1A	12			225/3		38		1.4				
39			12				40	CUH-4		1.6		30/2	
41				12			42				1.6		
	TOTAL PHASE KVA THIS SIDE	23.9	21.67	19.63				TOTAL PHASE KVA THIS SIDE	11.42	10.19	7.65		
								TOTAL KVA PER PHASE	35.32	31.86	27.28		
								TOTAL THREE PHASE KVA		94.46			

NOTES:
1. FURNISH A NEMA 1 PANELBOARD ENCLOSURE.
2.
3.
4.

NOTES CONT:
5.
6.
7.
8.

CONSULTANT INFORMATION
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CONSULTANT SEAL
STATE OF NEW YORK — DAVID G. FREDERICKS — 086076 — LICENSED PROFESSIONAL ENGINEER

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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
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PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
PANEL SCHEDULE

CONTRACT NUMBER: 20-501
SHEET NUMBER: NA-E-11
DWG NO.: Page 141 of 387
SCALE: AS SHOWN
DATE: SEPTEMBER 2020
DPW FILE NUMBER: 1-118-E-141
REV. NO.: 0

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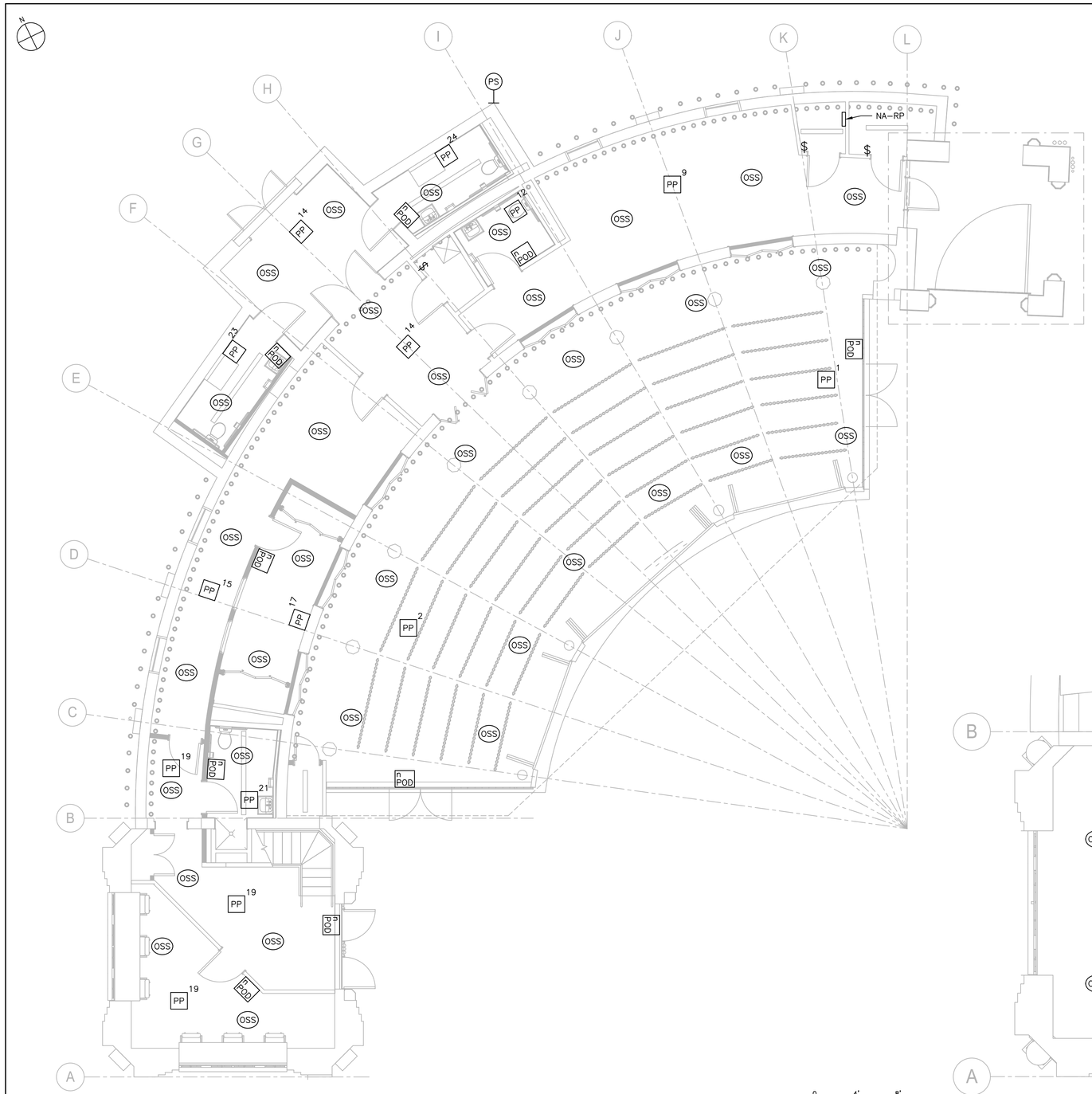
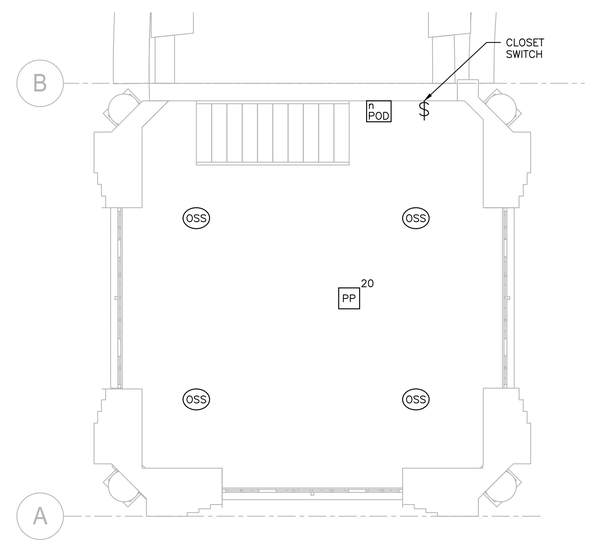


NORTH ADMINISTRATION GROUND FLOOR POWER PLAN

SCALE: 3/16 = 1'-0"

SCALE: 3/16" = 1'-0"

SCALE: 1/4" = 1'-0"



NORTH ADMINISTRATION SECOND FLOOR POWER PLAN

SCALE: 1/4 = 1'-0"

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING NA-E-01.
2. FOR ROOF PROPOSED POWER AND LIGHTNING PROTECTION, SEE DRAWING NA-E-08.
3. FOR LIGHTING PANEL SCHEDULE REFER TO DRAWING NA-E-14.
4. FOR INTERIOR LIGHTING CONTROL WIRING (INCLUDING BUT NOT LIMITED TO ETHERNET AND LOW VOLTAGE WIRING) INFORMATION SEE TYPICAL INTERIOR SPACE WIRING DIAGRAM DETAIL ON DRAWING NA-E-13.
5. NOT ALL POWER WIRING SHOWN ON LIGHTING DRAWINGS. CONTRACTOR SHALL DAISY CHAIN THE FOLLOWING WITHIN EACH SPACE, LIGHTING, POWER PACKS, AND EXIT SIGNS. CONTRACTOR SHALL FURNISH AND INSTALL 3/4" CONDUIT WITH 2#12, 1#12G. FOR ALL CONDUITS WITHIN THE DAISY-CHAIN LOOP BACK TO THEIR RESPECTIVE PANEL.
6. ALL POWER PACKS SHOWN ON DRAWINGS SHALL BE CIRCUITED FROM LIGHTING PANEL LP-1.
7. NUMBER DESIGNATORS NEXT TO FIXTURES AND/OR CONTROLS INDICATE CIRCUIT NUMBERS.
8. POWER PACKS SHALL BE MOUNTED ABOVE FINISHED CEILING.
9. ALL CIRCUITS SHOWN ON DRAWING SHALL BE 3/4" WITH 2#12, 1 #12G. AWG.
10. ALL LIGHTING CONTROL COMPONENTS SHALL BE FROM A SINGLE MANUFACTURER, AND MUST BE FROM THE SAME MANUFACTURER FOR ALL BUILDINGS WITHIN THE CONTRACT. EQUIPMENT INCLUDES BUT NOT LIMITED TO OCCUPANCY SENSORS, RELAY/POWER PACKS, SWITCHES, RELAY PANELS, PHOTOSENSOR, ETC.
11. LIGHTING CONTROLS SELECTED SHALL HAVE THE CAPABILITY TO BE CONNECTED TO A MASTER HEAD-END SYSTEM (FUTURE CONTRACT).
12. ALL OUTDOOR LIGHTING SHALL BE POWERED VIA RELAY PANEL NA-RP. RELAY PANEL SHALL BE EQUIPPED WITH BOTH A BUILT-IN TIME CLOCK AND A PHTOSENSOR CONTROLLED.
13. FOR EXTERIOR LIGHTING CONTROL WIRING INFORMATION SEE EXTERIOR RESTROOM SPACE WIRING DETAIL ON DRAWING NA-E-13.
14. LIGHTING CONTROL ZONES ARE SEGREGATED BY AREA POWER-PACKS AS SHOWN ON DRAWING.
15. R2A RING LIGHTS SHOWN IN THE GIFT SHOP SHALL BE CONTROLLED TO TURN ON AND OFF VIA THE GIFT SHOP OCCUPANCY SENSORS.
16. THE OUTER R2A LIGHTING RING SHALL BE CONTROLLED IN 3 SECTIONS TO TURN ON AND OFF BASED ON THE SECTIONS OCCUPANCY SENSORS. THE SECTION BREAKDOWN IS AS FOLLOWS:
    - A. FROM COLUMN B TO F: R2A RING LIGHTS SHALL BE CONTROLLED VIA STAFF ROOM 104 OCCUPANCY SENSORS.
    - B. FROM COLUMN F TO I: R2A RING LIGHTS SHALL BE CONTROLLED VIA THE STAFF VESTIBULE OCCUPANCY SENSORS.
    - C. FROM COLUMN I TO L: R2A RING LIGHTS SHALL BE CONTROLLED VIA STAFF ROOM 112 OCCUPANCY SENSORS.

KEY NOTES:

1. IDENTIFIED LIGHTING FIXTURES SHALL BE CONTROLLED BY THE SPACE'S DAYLIGHT SENSORS AS DESCRIBED IN THE SEQUENCE OF OPERATION.

SEQUENCE OF OPERATION:

RESTROOMS LOCKER ROOM, AND OFFICES:

SUMMARY: AUTOMATIC-ON: NORMAL LIGHTING LOAD | AUTOMATIC / MANUAL OFF: NORMAL LIGHTING LOAD

- ALL DEVICES ARE CONNECTED TO THE LOCAL SPACE'S OWN NETWORK AND ALL LIGHTING CONTROL SHALL CONTROL LOCATED WITHIN ONE SPACE SHALL CONTROL ONLY THAT SPACE. BY DEFAULT NORMAL LIGHTING LOAD IS TURNED ON AUTOMATICALLY BY CEILING MOUNTED OCCUPANCY SENSORS. UPON 15 MINUTES OF VACANCY DETECTED THE NORMAL LIGHTING LOAD SHALL TURN THE SPACE'S LIGHTING FIXTURES OFF. OCCUPANT MAY TURN OFF THE LIGHT FIXTURES MANUALLY VIA WALL MOUNTED LIGHTING SWITCHES. "ON" FUNCTIONALITY OF THE WALL MOUNTED LIGHT SWITCH SHALL ACTIVATE OCCUPANCY SENSORS TO CONTROL LIGHTING FIXTURES. WALL SWITCHES SHALL BE EQUIPPED WITH DIMMERS.
- OCCUPANCY SENSORS ARE THE ONLY CONTROLS ASSOCIATED WITH THE SPACES TO CONTROL THE SPACE'S LIGHTING FIXTURES. THE SPACE SHALL BE PROGRAMMED TO TURN ON THE LIGHTS AT 100% OF THE LIGHTING FIXTURE OUTPUT RATING UPON DETECTION OF OCCUPANCY, OR TURN THE LIGHTS TO 0% OF THE LIGHTING FIXTURE RATING UPON DETECTION OF VACANCY AFTER 15 MINUTES. THE OCCUPANCY SENSORS SHALL USE BOTH PASSIVE INFRARED AND MICROPHONIC TECHNOLOGIES. BOTH TECHNOLOGIES WITHIN THE SENSOR MUST DETECT SOMEONE IN THE SPACE IN ORDER TO TURN ON THE SPACE'S LIGHTING FIXTURE, BUT ONLY ONE OF THE TECHNOLOGIES NEED TO REMAIN ACTIVATED AND CONTINUALLY SENSE OCCUPANCY IN ORDER FOR THE LIGHTING FIXTURES TO REMAIN ON. DUAL-TECHNOLOGY SENSORS SHALL BE SELF-ADAPTIVE TO AUTOMATICALLY ADJUST SENSITIVITY AND TIMING.

GIFT SHOP:

SUMMARY: AUTOMATIC-ON: NORMAL LIGHTING LOAD | AUTOMATIC / MANUAL OFF: NORMAL LIGHTING LOAD

- ALL DEVICES ARE CONNECTED TO THE LOCAL SPACE'S OWN NETWORK AND ALL LIGHTING CONTROL SHALL CONTROL LOCATED WITHIN ONE SPACE SHALL CONTROL ONLY THAT SPACE. BY DEFAULT, NORMAL LIGHTING LOAD IS TURNED ON AUTOMATICALLY BY CEILING MOUNTED OCCUPANCY SENSORS. UPON 15 MINUTES OF VACANCY DETECTED THE NORMAL LIGHTING LOAD SHALL TURN THE SPACE'S LIGHTING FIXTURES OFF. OCCUPANT MAY TURN OFF THE LIGHT FIXTURES MANUALLY VIA WALL MOUNTED LIGHTING SWITCHES. ON" FUNCTIONALITY OF THE WALL MOUNTED LIGHT SWITCH SHALL ACTIVATE OCCUPANCY SENSORS TO CONTROL LIGHTING FIXTURES. WALL SWITCHES SHALL BE EQUIPPED WITH DIMMERS.
- OCCUPANCY SENSORS CONTROLS ASSOCIATED WITH THE SPACES TO CONTROL THE SPACE'S LIGHTING FIXTURES. THE SPACE SHALL BE PROGRAMMED TO TURN ON THE LIGHTS AT 100% OF THE LIGHTING FIXTURE OUTPUT RATING UPON DETECTION OF OCCUPANCY, OR TURN THE LIGHTS TO 0% OF THE LIGHTING FIXTURE RATING UPON DETECTION OF VACANCY AFTER 15 MINUTES. THE OCCUPANCY SENSORS SHALL USE BOTH PASSIVE INFRARED AND MICROPHONIC TECHNOLOGIES. BOTH TECHNOLOGIES WITHIN THE SENSOR MUST DETECT SOMEONE IN THE SPACE IN ORDER TO TURN ON THE SPACE'S LIGHTING FIXTURE, BUT ONLY ONE OF THE TECHNOLOGIES NEED TO REMAIN ACTIVATED AND CONTINUALLY SENSE OCCUPANCY IN ORDER FOR THE LIGHTING FIXTURES TO REMAIN ON. DUAL-TECHNOLOGY SENSORS SHALL BE SELF-ADAPTIVE TO AUTOMATICALLY ADJUST SENSITIVITY AND TIMING.
- WALL SWITCH "ON" BUTTON SHALL ACTIVATE THE OCCUPANCY SENSORS. WALL SWITCH "OFF" BUTTON SHALL TURN ALL LIGHT FIXTURE OFF.

JANITOR CLOSET, SPRINKLER EQUIPMENT ROOM, & ELECTRICAL ROOM:

SUMMARY: MANUAL-ON: NORMAL LIGHTING LOAD | MANUAL OFF: NORMAL LIGHTING LOAD

- DUE TO LIFE SAFETY REQUIREMENTS ALL NORMAL LIGHTING ASSOCIATED FIXTURES WITHIN THE SPACE SHALL BE CONTROL AND OPERATED VIA A MANUAL LIGHTING SWITCH.

OUTDOOR LIGHTING:

SUMMARY: PHOTOSENSOR-CONTROLLED: NORMAL LIGHTING LOAD

ALL EXTERIOR AND OUTDOOR LIGHTING SHALL BE PHOTOSENSOR CONTROLLED VIA A RELAY PANEL. OUTDOOR LIGHTING SHALL BE ON DURING DUSK TO DAWN.

LEGEND

SYMBOL	DESCRIPTION
OSS	OCCUPANCY / VACANCY SENSOR – SMALL MOTION, DUAL TECHNOLOGY (PASSIVE INFRARED / MICROPHONICS) ACUITITY BRANDS, NLIGHT SYSTEM CATALOG NUMBER: nCM-PDT-9-RJB OR APPROVED EQUAL
PP xx	POWER / RELAY PACK 120V RATED SELF CONTROLLED RELAY SWITCH, EQUIPPED WITH RJ-45, PLENUM RATED, CONFIGURATE RELAY LOGIC ACUITITY BRANDS, NLIGHT SYSTEM CATALOG NUMBER: nPP16-D-EFP-SA OR APPROVED EQUAL * XX INDICATES CIRCUIT NUMBER
$	120V RATED LIGHTING SINGLE POLE SWITCH
NA-RP	RELAY / TIME CONTROL PANEL PROGRAMMABLE ZONE CONTROLLED PANEL UP TO 1 ADDRESS PER RELAY / DIMMING OUTPUT, ONE EXTERNAL SYSTEM INPUT, INTERNAL TIME-CLOCK EQUIPPED WITH 0-10V DIMMING OUTPUT PER RELAY CATALOG NUMBER: ARP INTENC08NLT-8SR-MVOLT-1VB-HLK-SM-DTC OR APPROVED EQUAL
PS	ANALOG PHOTOCELL PHOTOSENSOR SUITABLE FOR OUTDOOR APPLICATIONS, CATALOG NUMBER: LSA-APS-OL OR APPROVED EQUAL
n POD	WALL MOUNTED NLIGHT ENABLED ON/OFF SWITCH WITH RAISE / LOWER CONTROL ACUITITY BRANDS, NLIGHT SYSTEM CATALOG NUMBER: nPODM-2P-DX-WH

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PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
LIGHTING CONTROLS

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-E-12
DWG NO.:	Page 142 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-E-142
REV. NO.	0

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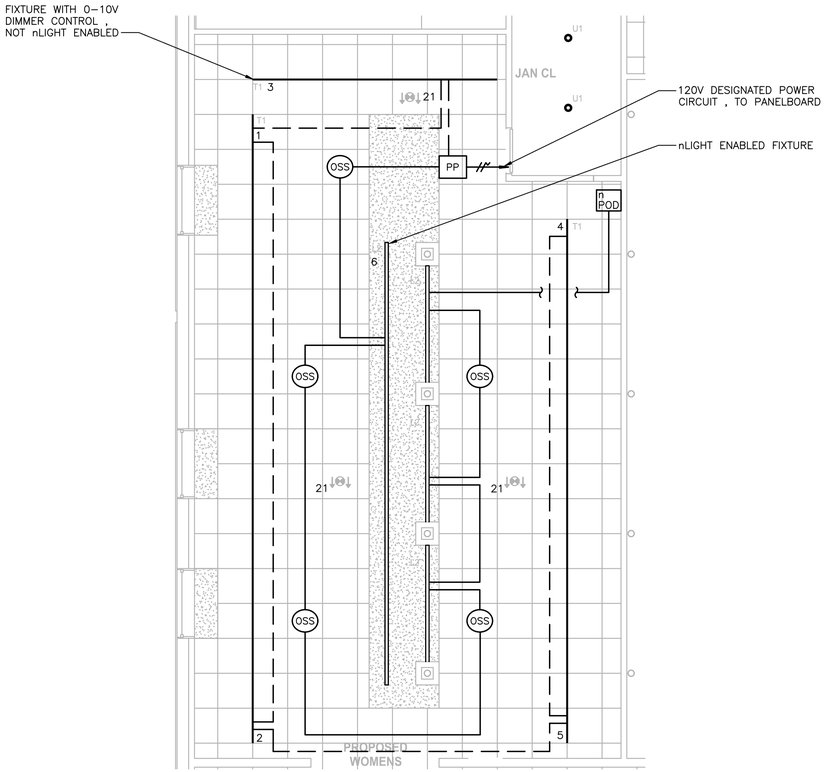


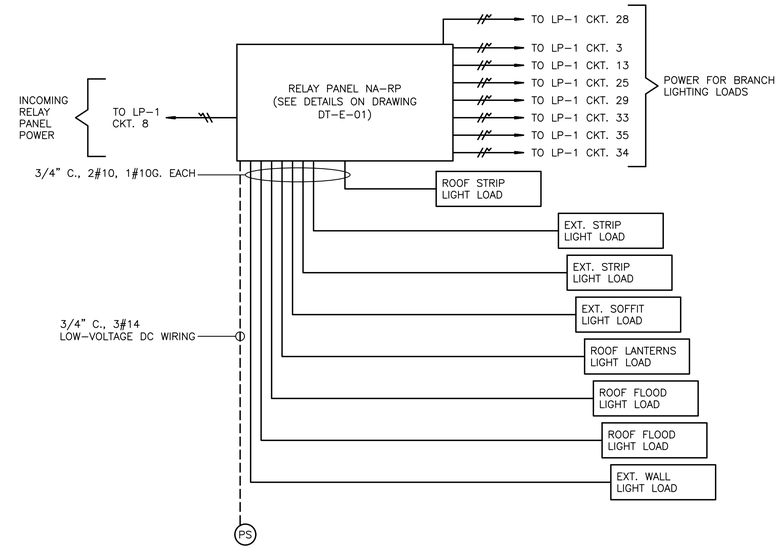
CONDUIT AND WIRE LEGEND	
LINE TYPE	DESCRIPTION
————	1"C, 1–CAT 6
- - - - - - - -	3/4"C., 2#14 LOW VOLTAGE WIRING
—//—►	3/4"C., 2#12, 1#12G.

TYPICAL INTERIOR SPACE LIGHTING WIRING DETAIL

Scale: NTS

NOTES:

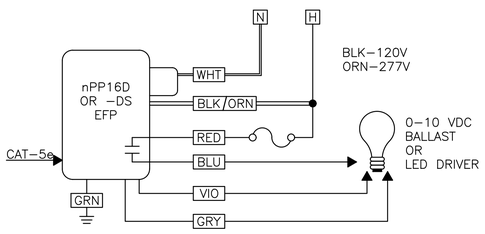
1. ALL OCCUPANCY SENSOR SHALL BE WIRED AS REQUIRED BY THE NEC AND THE EQUIPMENT MANUFACTURER.
2. ALL WIRING SHOWN DIAGRAMITC, CONTRACTOR SHALL DETERMINE RACEWAY ROUTING REQUIREMENTS. CONTRACTOR SHALL INCLUDE ALL RACWAY HANGER, SUPPORTS, BOXES, NEEDED AS NO ADDITIONAL COST TO THE OWNER



EXTERIOR RESTROOM SPACE WIRING DETAIL

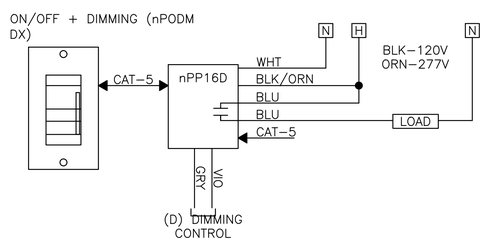
NOTES:

1. SEE LIGHTING CONTROL SYMBOLS AND NOTES ON DRAWING NA–E–12.
2. ALL HOMERUNS SHOWN IN WIRING DETAILS SHALL BE 3/4" CONDUIT WITH 2#12, 1#12G, UNLESS NOTED OTHERWISE.



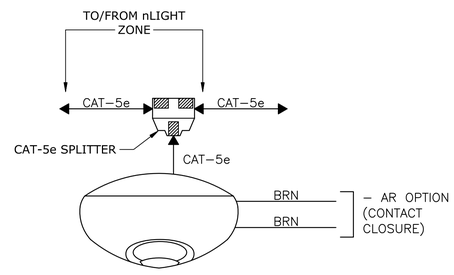
TYPICAL WIRING DIAGRAM – nPP16D/ER

NTS



TYPICAL WIRING DIAGRAM – nPODMDX

NTS



TYPICAL WIRING DIAGRAM – OCCUPANCY DIAGRAM

NTS

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Xrefs: [TB_24X36_WestchesterCo_2.dwg] [TSG-SVLOGO.dwg] [AREF_03-RR.dwg]

Number	Size	Wire	From	To	Remarks
C 1	3/4"	2#6's, 1#10 GND	PP-1	CU-1 DISCONNECT SWITCH	
C 2	3/4"	2#6's, 1#10 GND	CU-1 DISCONNECT SWITCH	CU-1	
C 3	3/4"	2#10's, 1#10 GND	PP-1A	AC-1 DISCONNECT SWITCH	
C 4	3/4"	2#10's, 1#10 GND	AC-1 DISCONNECT SWITCH	AC-1	
C 5	2"	2#10's, 1#10 GND	PP-1A	AC-2 DISCONNECT SWITCH	
C 6	3/4"	2#10's, 1#10 GND	AC-2 DISCONNECT SWITCH	AC-2	
C 7	3/4"	2#6's, 1#10 GND	PP-1	CU-2 DISCONNECT SWITCH	
C 8	3/4"	2#6's, 1#10 GND	CU-2 DISCONNECT SWITCH	CU-2	
C 9	3/4"	2#10's, 1#10 GND	PP-1A	AC-3 DISCONNECT SWITCH	
C 10	3/4"	2#10's, 1#10 GND	AC-3 DISCONNECT SWITCH	AC-3	
C 11	3/4"	2#10's, 1#10 GND	PP-1A	AC-4 DISCONNECT SWITCH	
C 12	3/4"	2#10's, 1#10 GND	AC-4 DISCONNECT SWITCH	AC-4	
C 13	3/4"	2#6's, 1#10 GND	PP-1	CU-3 DISCONNECT SWITCH	
C 14	3/4"	2#6's, 1#10 GND	CU-3 DISCONNECT SWITCH	CU-3	
C 15	3/4"	2#10's, 1#10 GND	CU-3	AC-5 DISCONNECT SWITCH	
C 16	3/4"	2#10's, 1#10 GND	AC-5 DISCONNECT SWITCH	AC-5	
C 17	3/4"	2#6's, 1#10 GND	PP-1	CU-4 DISCONNECT SWITCH	
C 18	3/4"	2#6's, 1#10 GND	CU-4 DISCONNECT SWITCH	CU-4	
C 19	3/4"	2#10's, 1#10 GND	CU-4	AC-6 DISCONNECT SWITCH	
C 20	3/4"	2#10's, 1#10 GND	AC-6 DISCONNECT SWITCH	AC-6	
C 21	3/4"	2#10's, 1#10 GND	PP-1	EF-1 LOCAL STARTER	
C 22	3/4"	2#10's, 1#10 GND	EF-1 LOCAL STARTER	EF-1 DISCONNECT SWITCH	
C 23	3/4"	2#10's, 1#10 GND	EF-1 DISCONNECT SWITCH	EF-1	
C 24	3/4"	8#12's, 1#12 GND	EF-1 LOCAL STARTER	EF-1 DAMPER	
C 25	1"	16#12's, 1#12 GND	EF-1 LOCAL STARTER	EF-1 LOCAL CONTROL STATION	
C 26	3/4"	2#10's, 1#10 GND	PP-1	EF-2 LOCAL STARTER	
C 27	3/4"	2#10's, 1#10 GND	EF-2 LOCAL STARTER	EF-2 DISCONNECT SWITCH	
C 28	3/4"	2#10's, 1#10 GND	EF-2 DISCONNECT SWITCH	EF-2	
C 29	3/4"	8#12's, 1#12 GND	EF-2 LOCAL STARTER	EF-2 DAMPER	
C 30	1"	16#12's, 1#12 GND	EF-2 LOCAL STARTER	EF-2 LOCAL CONTROL STATION	
C 31	3/4"	2#10's, 1#10 GND	PP-1	UH-1 DISCONNECT SWITCH	
C 32	3/4"	2#10's, 1#10 GND	UH-1 DISCONNECT SWITCH	UH-1	
C 33	3/4"	2#10's, 1#10 GND	PP-1	UH-2 DISCONNECT SWITCH	
C 34	3/4"	2#10's, 1#10 GND	UH-2 DISCONNECT SWITCH	UH-2	
C 35	3/4"	2#10's, 1#10 GND	PP-1	CUH-1 DISCONNECT SWITCH	
C 36	3/4"	2#10's, 1#10 GND	CUH-1 DISCONNECT SWITCH	CUH-1	
C 37	3/4"	2#10's, 1#10 GND	PP-1	CUH-2 DISCONNECT SWITCH	
C 38	3/4"	2#10's, 1#10 GND	CUH-2 DISCONNECT SWITCH	CUH-2	
C 39	3/4"	2#10's, 1#10 GND	PP-1	CUH-3 DISCONNECT SWITCH	
C 40	3/4"	2#10's, 1#10 GND	CUH-3 DISCONNECT SWITCH	CUH-3	
C 41	3/4"	2#10's, 1#10 GND	PP-1	CUH-4 DISCONNECT SWITCH	
C 42	3/4"	2#10's, 1#10 GND	CUH-4 DISCONNECT SWITCH	CUH-4	
C 43	1"	3#6's, 1#10 GND	PP-1	RTU-1 DISCONNECT SWITCH	
C 44	1"	3#6's, 1#10 GND	RTU-1 DISCONNECT SWITCH	RTU-1	
C 45	3/4"	2#12's, 1#12 GND	PP-1A	FACP	
C 46	3"	4#250 MCM, 1#4GND	KIDDYLAND SUBSTATION	POWER PANEL	EXISTING DUCT BANK
C 47	3"	4#250 MCM, 1#4GND	KIDDYLAND SUBSTATION	LIGHTING PANEL	EXISTING DUCT BANK
C 50	3/4"	2#10's, 1#10 GND	PP-1	HAND DRYER	
C 51	3/4"	2#10's, 1#10 GND	HAND DRYER	HAND DRYER	
C 52	3/4"	2#10's, 1#10 GND	PP-1A	HAND DRYER	
C 53	3/4"	2#6's, 1#10 GND	PP-1	CU-5 DISCONNECT SWITCH	
C 54	3/4"	2#6's, 1#10 GND	CU-5 DISCONNECT SWITCH	CU-5	
C 55	3/4"	2#10's, 1#10 GND	CU-5	AC-7 DISCONNECT SWITCH	
C 56	3/4"	2#10's, 1#10 GND	AC-7 DISCONNECT SWITCH	AC-7	
C 57	3/4"	2#10's, 1#10 GND	PP-1	AIR COMPRESSOR DISCONNECT SWITCH	
C 58	3/4"	2#10's, 1#10 GND	AIR COMPRESSOR DISCONNECT SWITCH	AIR COMPRESSOR	
C 59	1"	2#10's, 1#10 GND	LIGHTING PANEL LP-1	LIGHTING RELAY PANEL NA-RP	8 SETS
C 60	2"	2#4's, 1#4 GND	PP-1A	ELECTRIC WATER HEATER EWH-1 DISCONNECT	
C 61	2"	2#4's, 1#4 GND	ELECTRIC WATER HEATER EWH-1 DISCONNECT	ELECTRIC WATER HEATER EWH-1	
C 62	2"	2#4's, 1#4 GND	PP-1A	ELECTRIC WATER HEATER EWH-2 DISCONNECT	
C 63	2"	2#4's, 1#4 GND	ELECTRIC WATER HEATER EWH-2 DISCONNECT	ELECTRIC WATER HEATER EWH-2	
C 64	3/4"	2#10's, 1#10 GND	PP-1A	ELECTRIC WATER HEATER EWH-3 DISCONNECT	
C 65	3/4"	2#10's, 1#10 GND	ELECTRIC WATER HEATER EWH-3 DISCONNECT	ELECTRIC WATER HEATER EWH-3	
C 66	3/4"	2#10's, 1#10 GND	PP-1A	ELECTRIC WATER HEATER EWH-4 DISCONNECT	
C 67	3/4"	2#10's, 1#10 GND	ELECTRIC WATER HEATER EWH-4 DISCONNECT	ELECTRIC WATER HEATER EWH-4	
C 68	3/4"	2#10's, 1#10 GND	PP-1A	ELECTRIC WATER HEATER EWH-5 DISCONNECT	
C 69	3/4"	2#10's, 1#10 GND	ELECTRIC WATER HEATER EWH-5 DISCONNECT	ELECTRIC WATER HEATER EWH-5	
C 70	3/4"	2#10's, 1#10 GND	PP-1A	ELECTRIC WATER HEATER EWH-6 DISCONNECT	
C 71	3/4"	2#10's, 1#10 GND	ELECTRIC WATER HEATER EWH-6 DISCONNECT	ELECTRIC WATER HEATER EWH-6	
C 72	4"	4#250 MCM, 1#4 GND	PP-1	PP-1A	

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Reqf: Projectname: ---- Comments: ----
Printed by: MGodby Date: 24 September 2020 9:09 AM Designed by: ----
Xrefs: [TB_24X36_WestchesterCo_2.dwg] [TSG-SVL000.dwg]

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK · DAVID G. FREDERICKS · 086076 · LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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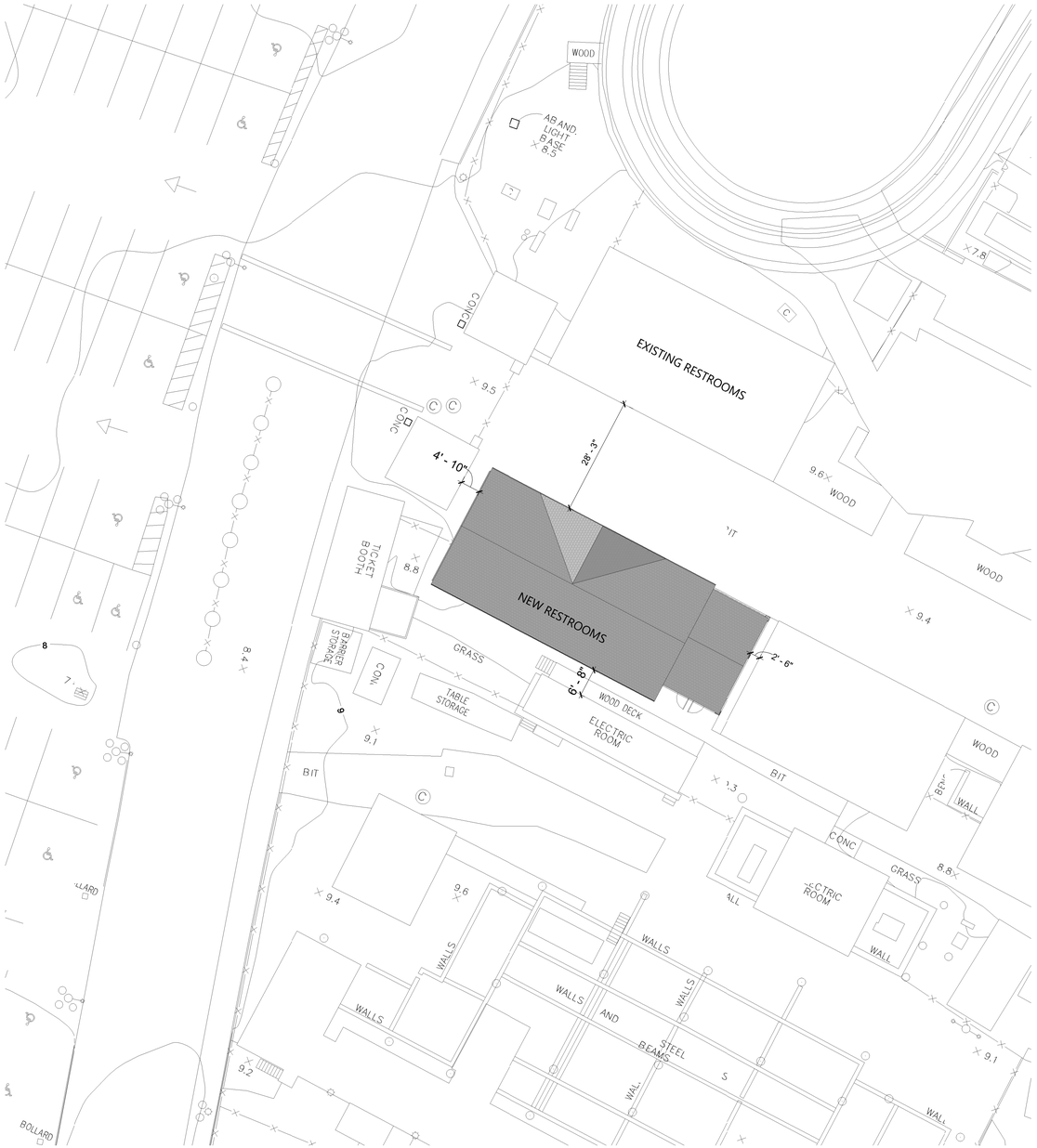
CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
NORTH ADMINISTRATION BUILDING
CONDUIT & CABLE SCHEDULE

CONTRACT NUMBER	20-501
SHEET NUMBER	NA-E-14
DWG NO.	Page 144 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-E-144
REV. NO.	0



1 CONSTRUCTION STAGING PLAN
1/16" = 1'-0"

BUILDING CODE ANALYSIS

CODE ANALYSIS
2015 International Building Code
2016 New York State Uniform Code Supplement

Construction Type	V B	(Fully Sprinklered)
Occupancy Classification	B	
Proposed Number of Stories	1	< 3 (max. allowable)
Proposed Height (ft)	24	< 60 (max. allowable)
Proposed Building Area (sf)	2,121	< 36,000 (max. allowable)
Fire-Resistance Rating Requirements (Tbl 601)		
Primary Structure Frame	0	
(including Columns, Girders, Trusses)		
Bearing Walls		
Extirior (Tbl 602)		
Fire separation distance < 10 ft	1	
Fire separation distance > = 10 ft	0	
Interior	0	
Nonbearing Walls and Partitions		
Extirior (Tbl 602)		
Fire separation distance < 10 ft	1	
Fire separation distance > = 10 ft	0	
Interior	0	
Floor Construction		
Including supporting beam and joists	0	
Roof Construction		
Including supporting beam and joists	0	
Allowable Area of Openings (BC 705.8)		
Fire separation distance < 5 ft; > 3 ft (Unprotected, Sprinklered)	15%	
Fire separation distance < 10 ft; > 5 ft (Unprotected, Sprinklered)	25%	
Fire separation distance > 20 ft (Unprotected, Sprinklered)	No limit	
Interior Finishes Class (BC 803)		
Wall and Ceiling	C	
Floors - Radiant Flux	Class II	
Portable Fire Extinguishers (BC 906)		
Fire Hazard	Class A	
Hazard Occupancy	Ordinary	
Minimum rated single extinguisher	2-A	
Maximum floor area per unit of A	1,500 sf	
Maximum floor area for extinguisher	11,250 sf	
Maximum distance of travel to extinguisher	75'	
Number of Type 2-A extinguishers required		
First Floor = 2,121 / 11,250	1 Required	2 Provided
Means of Egress		
Max. Floor Area Allowances per Occupant (Tbl 1004.1.2) (sf)		
Restroom	50	gross
Occupant Load		
Women (576 sf)	14	
Men (301 sf)	8	
Egress Width per Occupant (BC 1005)		
Other Egress Components	0.15	
Egress Width Required (inches)		
Women	2.1	48" Provided
Men	1.2	48" provided
Maximum Common Path of Egress Travel (Tbl 1006.2.1)		
B Occupancy with Sprinkler System	100' Maximum	45' Proposed
Spaces With One Exit (Tbl 1006.2.1)		
Occupant Loac of space	14	< 49
Max. Common Path of Egress Travel (ft)	45	< 75

LEGEND

- - - - - - - - - - NEW CHAIN LINK CONSTRUCTION FENCE

•••••••••••••••••••• REMOVE IF NEEDED BUT RESTORE WHEN PARK OPERATING

CONSTRUCTION STAGING NOTES

1. WATER AND ELECTRICAL SERVICE WILL BE PROVIDED BY PARK AT THE CROSS AXIS - XXXX BUT NOT AT CONSTRUCTION TRAILERS.
2. CONTRACTOR TO PROVIDE ANY NEEDED TEMPORARY HEAT, INCLUDED IN THE BID.
3. CONTRACTOR TO PROVIDE RESTROOM FACILITIES FOR THEIR OPERATIONS.
4. CONTRACTOR PARKING AT TRAILER AREA ONLY.

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CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH P. GRANT No. 031C1 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
CONSTRUCTION STAGING PLAN & CODE ANALYSIS

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-G-01
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SCALE:	1/16" = 1'-0"
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-145
REV. NO.	0

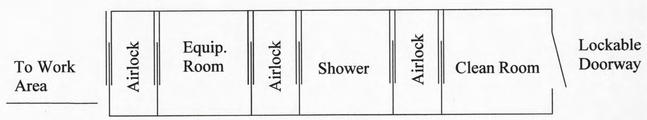
PLAYLAND REHABILITATION & UPGRADES

CROSS AXIS RESTROOMS ABATEMENT

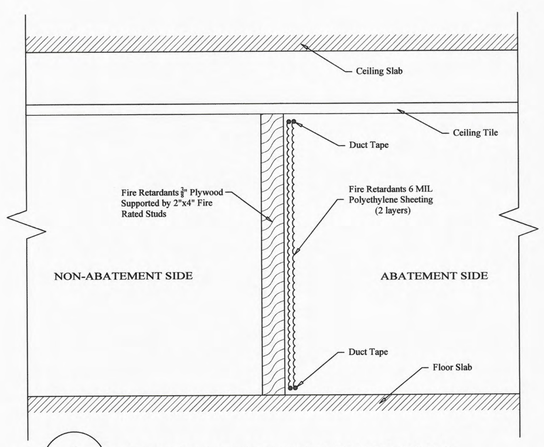
1 PLAYLAND PKWY, RYE, NY 10580

SCOPE OF WORK:

Structure	Location	Material	Approximate Quantity (SF/LF/Unit)	ICR 56 Procedure
Cross-Axis Restrooms	Exterior WA 1	Assumed Roofing Materials	1,000.0 SF	56.11.6
	Exterior WA 2	Assumed Transite Siding	1,000.0 SF	56.11.6
	Interior WA 3	Assumed Floor Tiles/Misc. Suspect Materials	500.0 SF	56.11.7 / 56.7.11



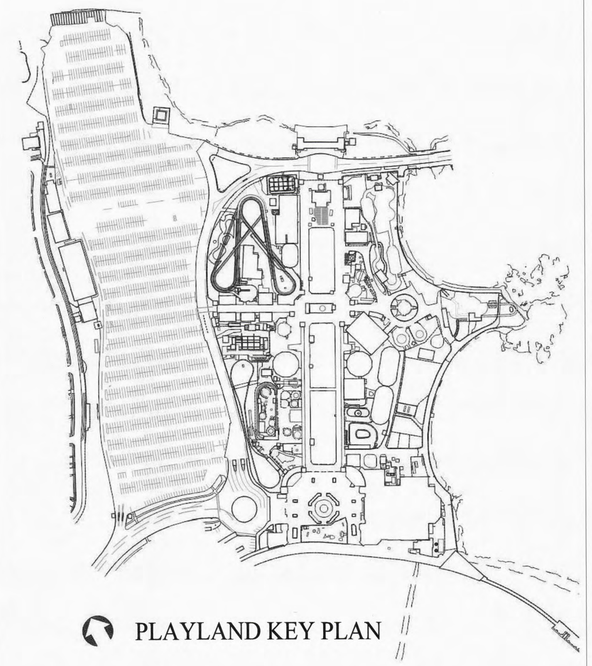
1 RCX-H-00 TYPICAL LARGE PROJECT WORKER/ WASTE DECONTAMINATION UNIT
Not To Scale



2 RCX-H-00 TYPICAL HARD WALL BARRIER AT OPENINGS MORE THAN 32SF
Not To Scale

PROJECT NOTES:

1. The Contractor shall be aware of all conditions of the Project and is responsible for verifying quantities and locations of all Work to be performed. Failure to do so shall not relieve the Contractor of its obligation to furnish all labor and materials necessary to perform the Work.
2. All Work shall be performed in strict accordance with the Project Documents and all governing codes, rules, and regulations. Where conflicts occur between the Project Documents and applicable codes, rules, and regulations, the more stringent shall apply.
3. All abatement work shall be coordinated with General Contractor work; Abatement may be phased with other contract work.
4. Working hours shall be as required and approved by the Owner. Asbestos abatement activities including, but not limited to, work area preparation, gross removal activities, cleaning activities, waste removal, etc. may need to be performed during 'off-hours' (including nights and weekends). In addition, multiple mobilizations may be required to perform the work identified in this project. The Contractor shall coordinate and schedule all Work with the facility and Owner's representative.
5. The Contractor shall prepare and coordinate with facility representative the posting of appropriate signage at the entranceway that redirects park occupants away from the area of the abatement.
6. The Contractor shall use barrier tape to extend the limits of the active, regulated work areas closed to the public and other non-abatement trades.
7. The Contractor shall be responsible for defining and coordinating the phases of the abatement with the facility and DPW, as well as securing any site specific variances, permits, and any necessary NYS DOL approvals.
8. The asbestos abatement Contractor shall coordinate locations of decontamination units, routes of egress, temporary water and power connections and waste container locations with the Owner and the Facility.
9. The Contractor may need to supply temporary power/water sources if they cannot be provided by facility.
10. The General Contractor shall supply any and all scaffolding for the work area(s) under this contract. Scaffolding structure and maintenance shall be in strict accordance with local, state and federal safety requirements.
11. The Contractor is to protect any and all exposed surfaces not targeted for abatement.
12. The Contractor shall request and receive in writing prior to preceding with any work info from the owner regarding surfaces/materials that require protection.
13. Regular waste generated by the abatement work of this contract shall be stored securely using a closed waste container.
14. Access may be restricted to only one egress/entry door at any given time.
15. All suspect/assumed ACM shall be tested by the owner prior to abatement.
16. Abatement of roof ACM shall be coordinated with the facility representative/GC for installation of replacement roofing or temporary roofing.



PLAYLAND KEY PLAN

LEGEND:

- WORK AREA LIMITS
- P/W R # — REMOTE LARGE PROJECT WORKER/ WASTE DECONTAMINATION UNIT
- P/W A # — ATTACHED LARGE PROJECT WORKER/WASTE DECONTAMINATION UNIT

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RECORD DRAWING CERTIFICATION
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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
ASBESTOS REMOVAL NOTES, SCOPE OF WORK TABLE AND DETAILS

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-H-00
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REV. NO.	0

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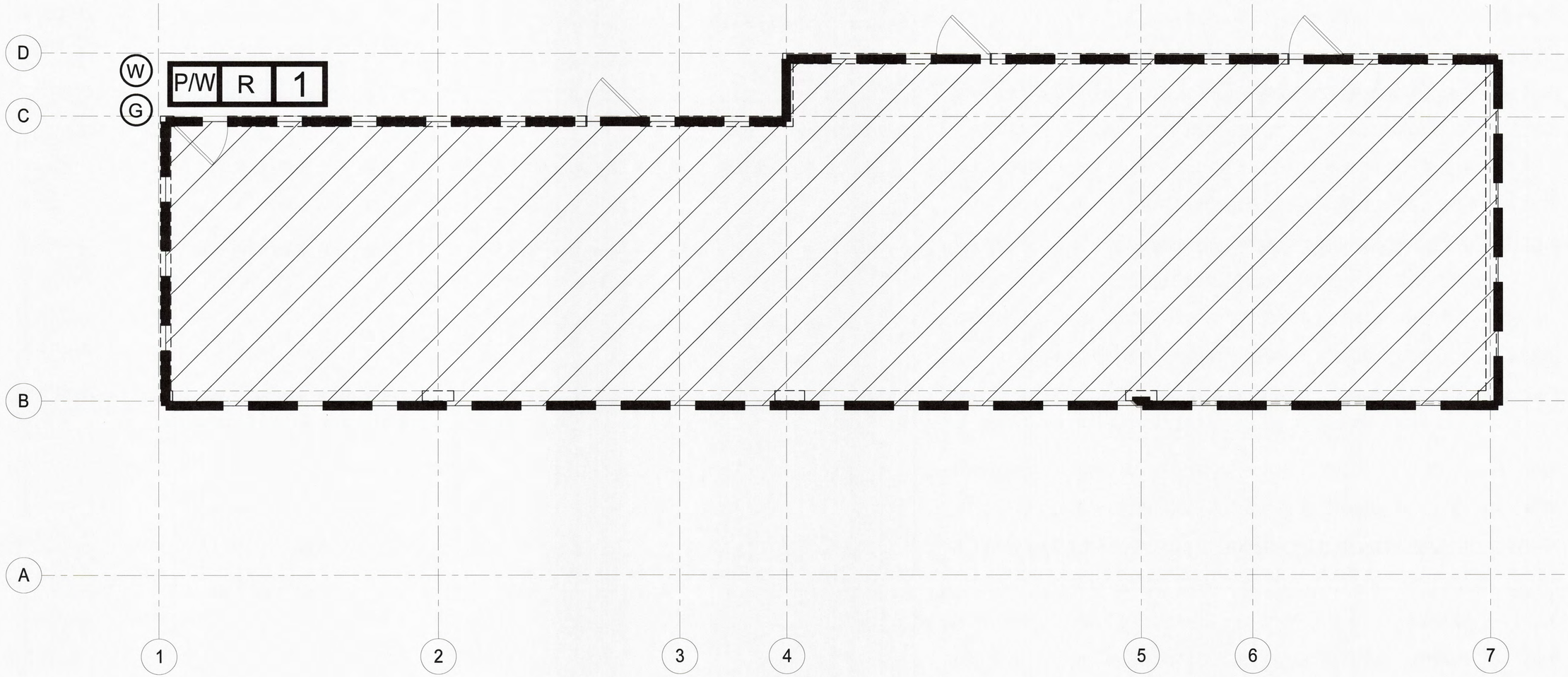

1 WORK AREA 1 - EXTERIOR - ACM LOCATION PLAN
NTS

LEGEND:

- WORK AREA LIMITS
- WA 1 - EXTERIOR - ROOF MATERIALS - 1,000 SF
- P/W R # — LARGE PROJECT REMOTE WORKER/WASTE DECONTAMINATION UNIT
- W — TEMPORARY WATER SOURCE
- G — TEMPORARY GENERATOR

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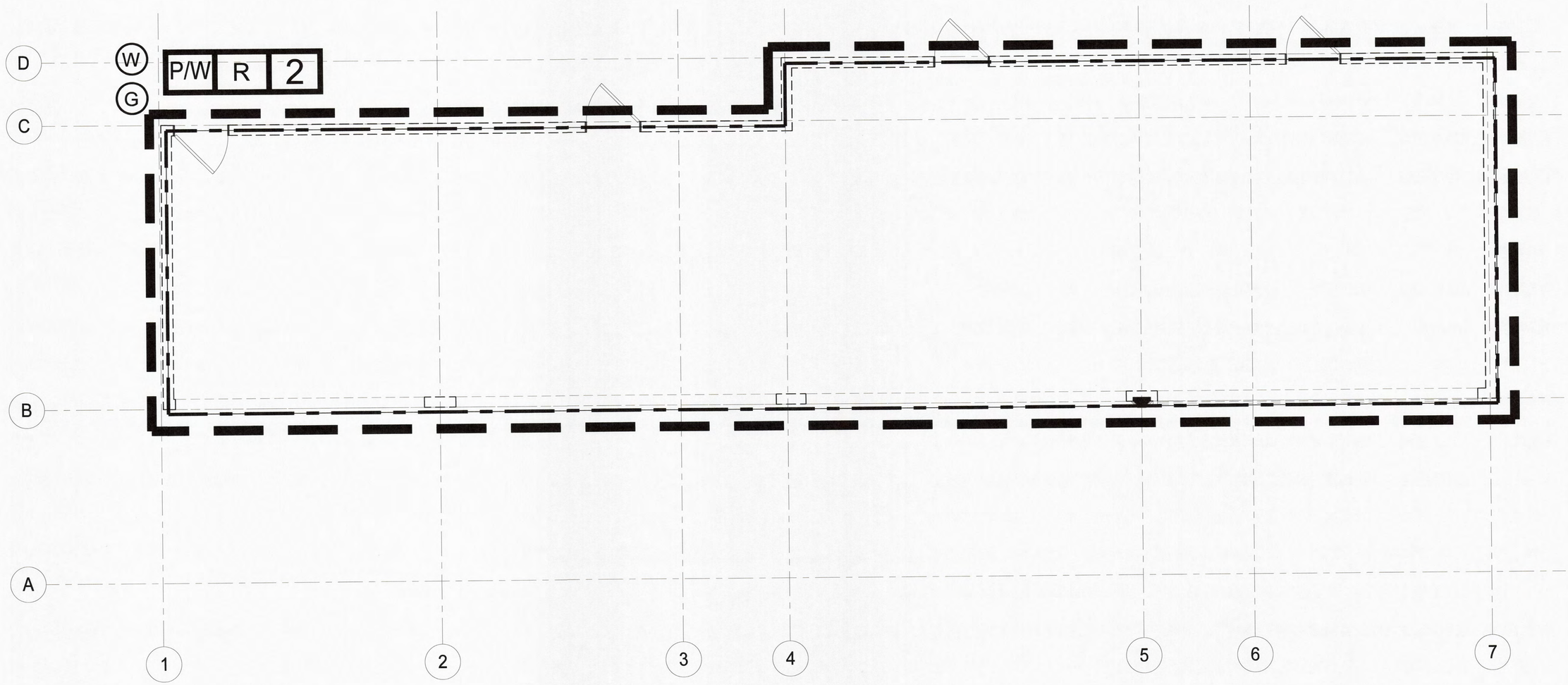
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
GROUND FLOOR - ACM LOCATION PLAN

CONTRACT NUMBER: 20-501
SHEET NUMBER: RCX-H-01
DWG NO.: Page 147 of 387
SCALE: NTS
DATE: 09/16/2020
DPW FILE NUMBER: 1-118-A-147
REV. NO.: 0



1 WORK AREA 2 - EXTERIOR - ACM LOCATION PLAN
NTS

LEGEND:

- WORK AREA LIMITS
- WA 2 - EXTERIOR - TRANSITE SIDING - 1,000 SF
- P/W R # — LARGE PROJECT REMOTE WORKER/WASTE DECONTAMINATION UNIT
- W — TEMPORARY WATER SOURCE
- G — TEMPORARY GENERATOR

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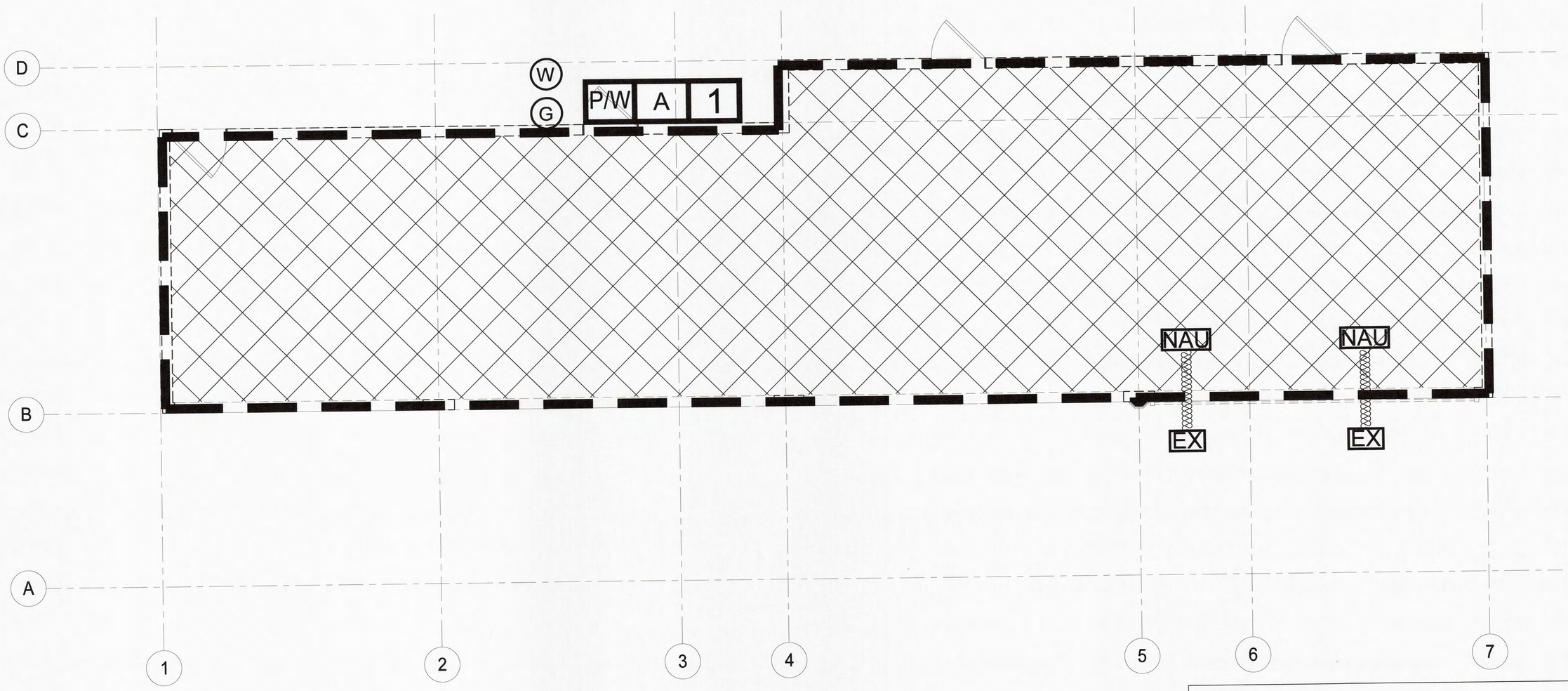
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
GROUND FLOOR - ACM LOCATION PLAN

CONTRACT NUMBER 20-501
SHEET NUMBER RCX-H-02
DWG NO.: Page 148 of 387
SCALE: NTS
DATE: 09/16/2020
DPW FILE NUMBER 1-118-A-148
REV. NO. 0



1 WORK AREA 3 - INTERIOR - ACM LOCATION PLAN
NTS

LEGEND:

	WORK AREA LIMITS
	WA 3- INTERIOR - FLOOR TILES / MISC. MATERIALS - 500 SF
P/W A #	LARGE PROJECT ATTACHED WORKER/WASTE DECONTAMINATION UNIT
W	TEMPORARY WATER SOURCE
G	TEMPORARY GENERATOR
NAU	NEGATIVE AIR UNIT
EX	EXHAUST

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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
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INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
GROUND FLOOR - ACM LOCATION PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-H-03
DWG NO.:	Page 149 of 387
SCALE:	NTS
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DPW FILE NUMBER	1-118-A-149
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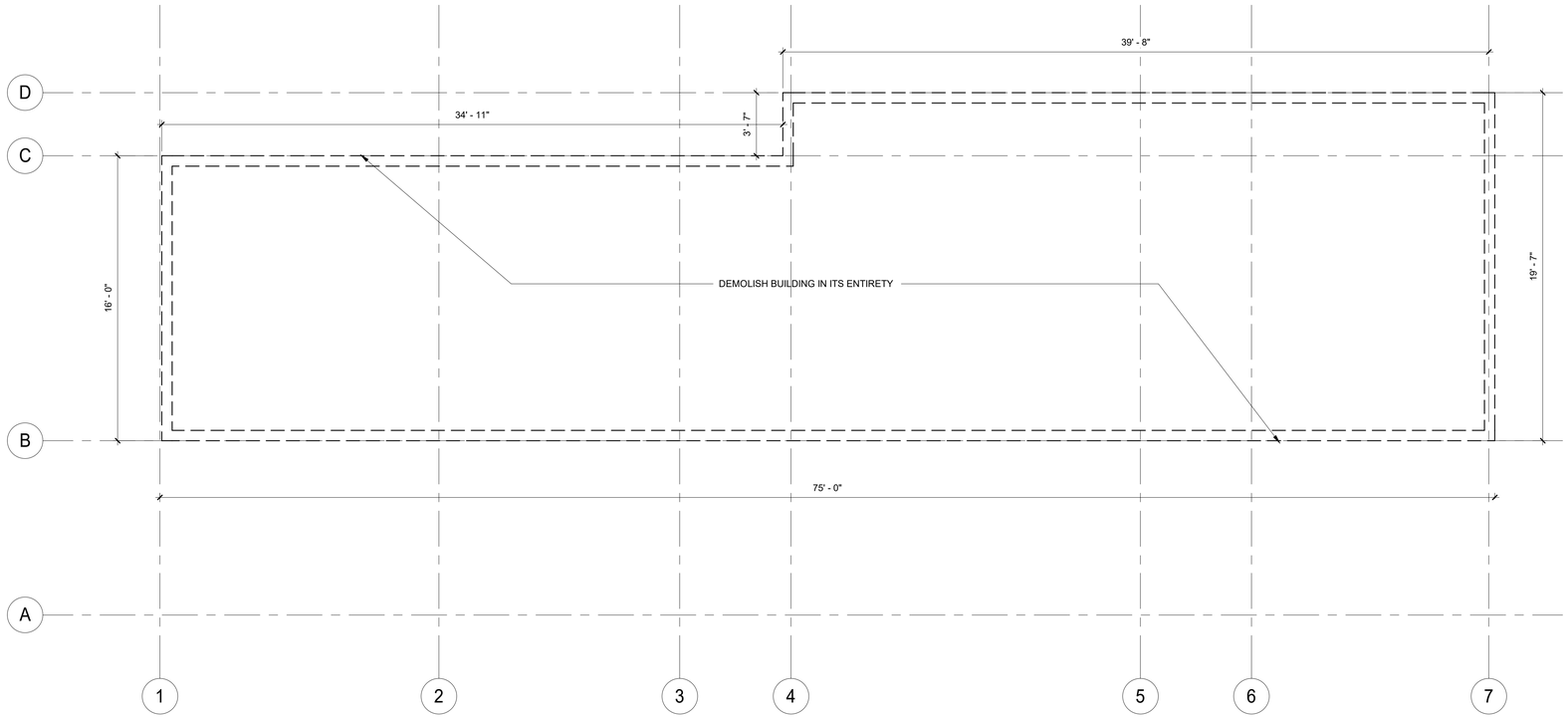

1 DEMOLITION PLAN
1/4" = 1'-0"

GENERAL DEMOLITION NOTES

1. THE GENERAL CONTRACTOR SHALL VISIT THE SITE AND GET FAMILIARIZED WITH EXISTING CONDITIONS AND REQUIREMENTS OF THE WORK. THE GENERAL CONTRACTOR SHALL FIELD VERIFY EXACT QUANTITIES OF ALL ITEMS TO BE DEMOLISHED.
2. ITEMS TO BE DEMOLISHED AS INDICATED ON THE DRAWINGS ARE INTENDED TO SHOW THE GENERAL SCOPE OF THE DEMOLITION WORK. THE DRAWINGS DO NOT REPRESENT IN DETAIL ALL ITEMS OR SITUATIONS THAT MAY BE ENCOUNTERED DURING THE DEMOLITION. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO REMOVE, PROTECT, AND MAKE CORRECTIONS AS REQUIRED TO ACHIEVE DRAWING INTENT.
3. PLAYLAND RESERVES THE RIGHT TO REVIEW ALL MATERIALS DESIGNATED FOR REMOVAL AND TO RETAIN OWNERSHIP OF SUCH MATERIALS. IF THE OWNER RETAINS ANY MATERIAL THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE OWNER TO HAVE THOSE MATERIALS REMOVED OFF SITE AT NO ADDITIONAL COST.
4. SCHEDULED DEMOLITION OF THE EXISTING BUILDING SHALL INCLUDE REMOVAL OF THE EXISTING FOUNDATIONS FOR THEIR ENTIRE DEPTH.
5. DEMOLITION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR OF THIS CONTRACT.
6. THE GENERAL CONTRACTOR TO DISCONNECT ALL UTILITIES PRIOR TO DEMOLITION. CONTRACTOR TO OBTAIN "SHUT OFF" APPROVALS FROM PLAYLAND.
7. THE GENERAL CONTRACTOR SHALL USE EXTREME CAUTION IN AREAS OF DEMOLITION WHICH MAY DISTURB ADJACENT STRUCTURES. TEMPORARY SHORING, BARRICADES, ETC. SHALL BE PROVIDED AS REQUIRED TO PROTECT GENERAL PUBLIC, ALL EXISTING STRUCTURES AND PROPERTY.
8. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANING UP AND HAULING AWAY OF ALL TRASH AND DEBRIS ON A REGULAR BASIS DURING THE CONSTRUCTION PERIOD. HE/SHE SHALL MAINTAIN SANITARY CONDITIONS TO ALLOW FOR THE CONTINUOUS SAFE AND SANITARY CONDITIONS OPERATION OF THE EXISTING SUPERMARKET.
9. EXCAVATIONS SHALL BE MAINTAINED FREE OF WATER.
10. EXCAVATE AS REQUIRED TO FACILITATE ANY FORMWORK WHICH MAY BE NECESSARY TO ACHIEVE THE DESIRED RESULTS. EXCAVATE AS REQUIRED FOR SERVICE LINES, DRAINAGE, PLUMBING, ETC. (NOT INDICATED WITHIN)

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CONSULTANT SEAL
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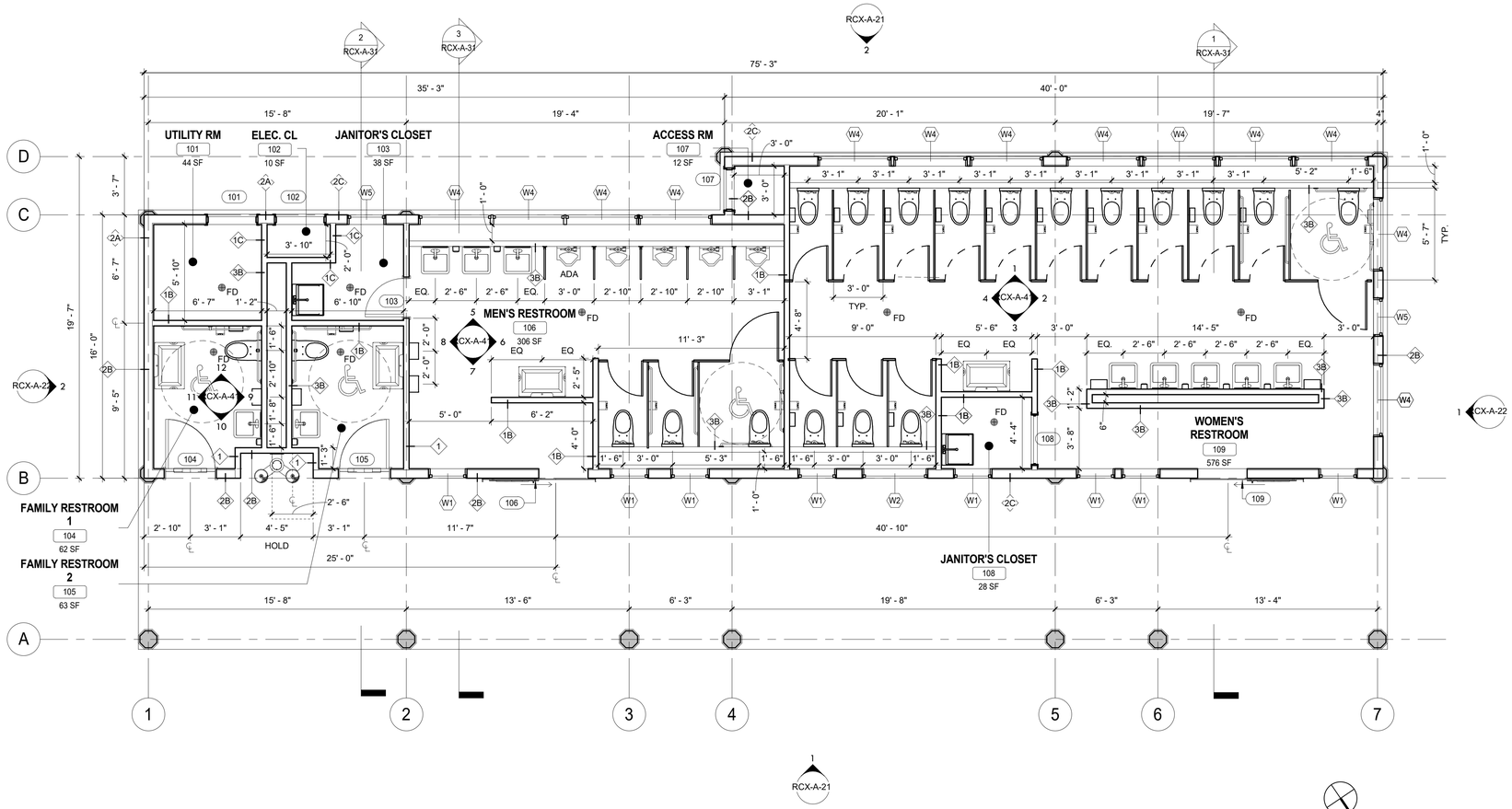
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
DEMOLITION PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-A-01
DWG NO.:	Page 150 of 387
SCALE:	As indicated
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-150
REV. NO.	0



1 GROUND FLOOR PLAN
1/4" = 1'-0"

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CONSULTANT INFORMATION

The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH P. GRANT No. 031021 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

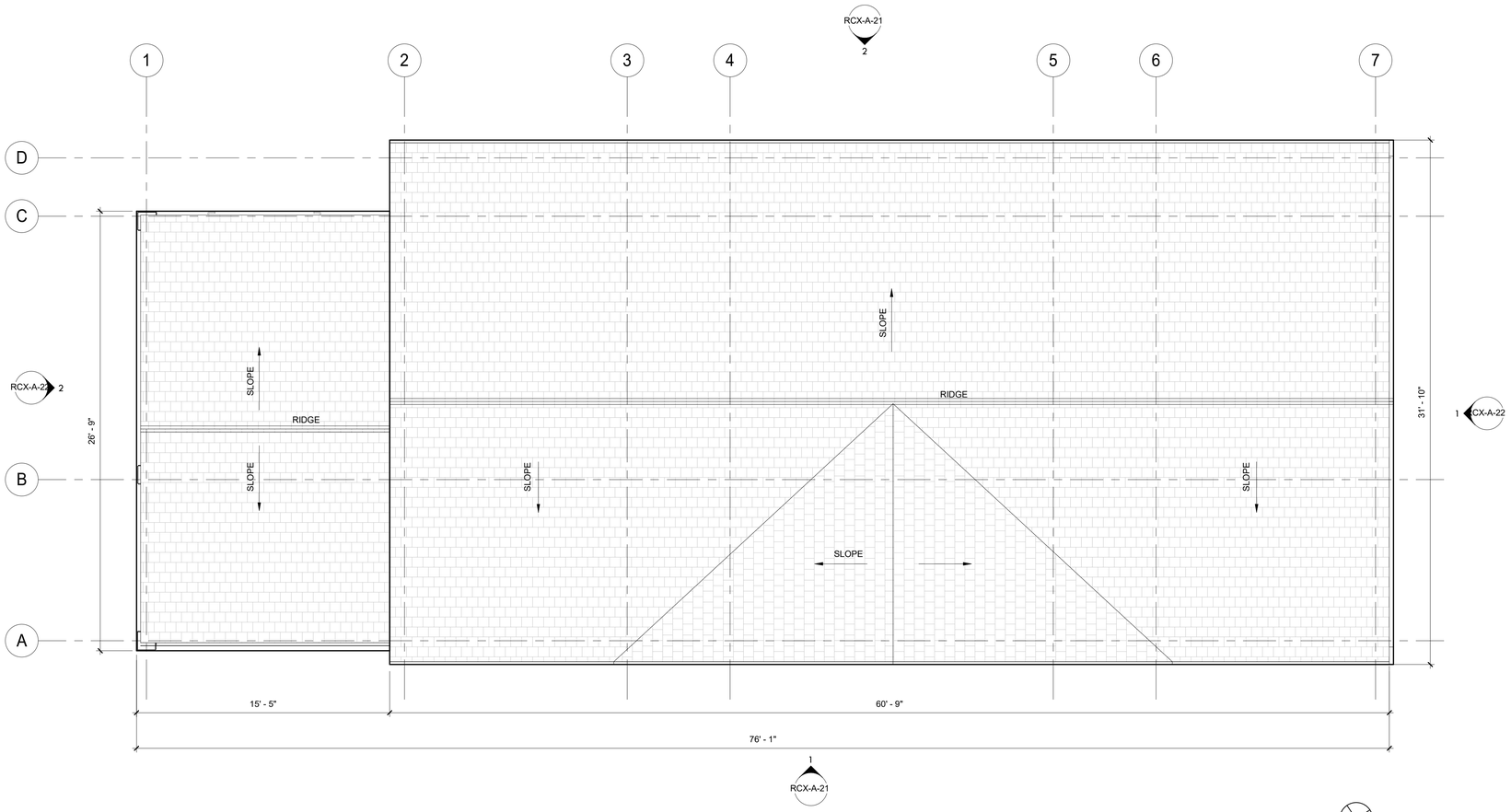
CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
FLOOR PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-A-11
DWG NO.:	Page 151 of 387
SCALE:	1/4" = 1'-0"
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-151
REV. NO.	0



1 ROOF PLAN
1/4" = 1'-0"

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CONSULTANT INFORMATION

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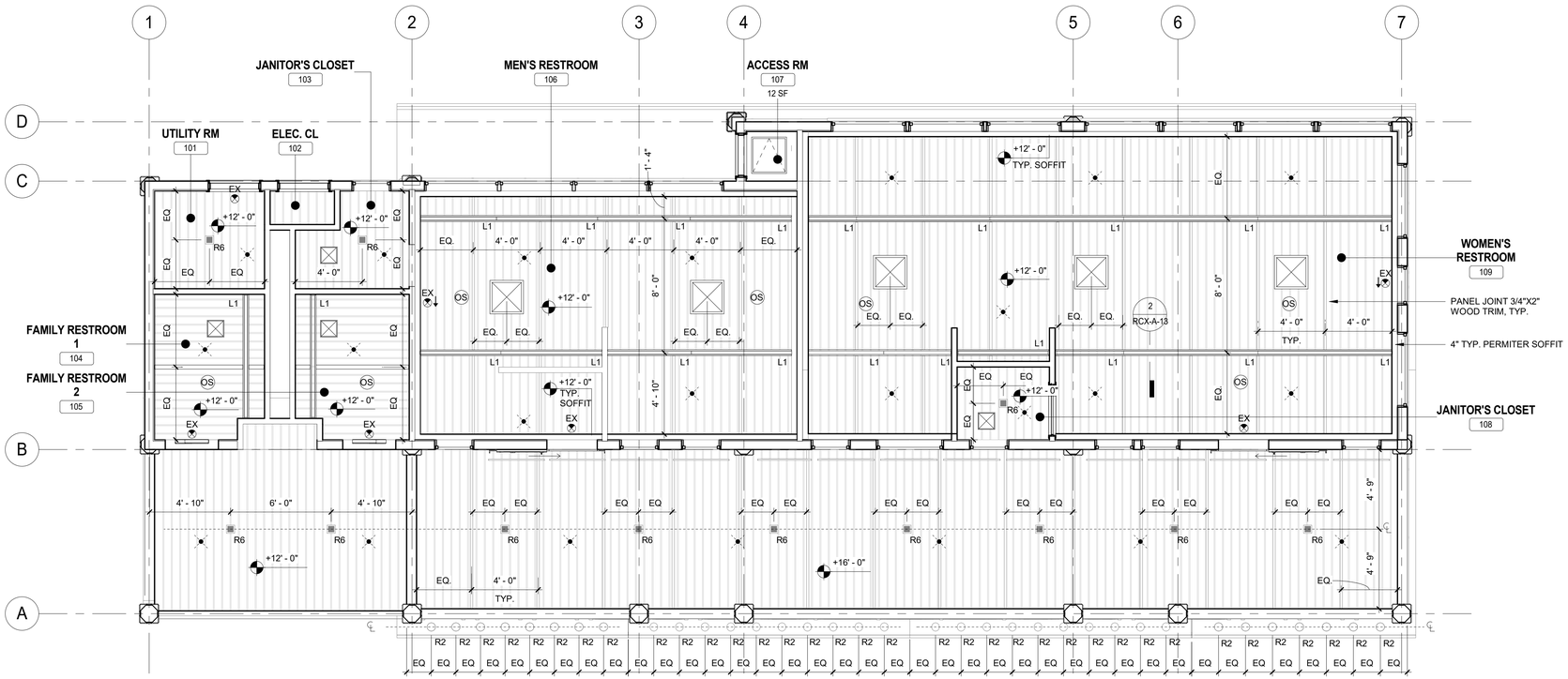
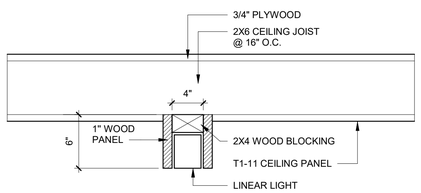
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
ROOF PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-A-12
DWG NO.:	Page 152 of 387
SCALE:	1/4" = 1'-0"
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-152
REV. NO.	0



1 REFLECTED CEILING PLAN
1/4" = 1'-0"



2 LINEAR LIGHT DETAIL
1 1/2" = 1'-0"

REFLECTED CEILING PLAN LEGEND

R2	R2: 6" RECESSED CAN LIGHT FIXTURE (SEE ELEC. DWGS)
R6	R6: 4" SQUARE RECESSED LIGHT FIXTURE (SEE ELEC. DWGS)
L3	L3: LINEAR LIGHT FIXTURE (SEE ELEC. DWGS)
	PERIMETER SOFFIT
	T1-11 CEILING BOARD
	ELEC. ACCESS PANEL
OS	OCCUPANCY SENSOR
	SPRINKLER (SEE FIRE PROTECTION DWGS)
EX	EX- EXIT SIGN
EX	EX- DIRECTIONAL EXIT SIGN
	2' x 2' OR 1' x 1' SUPPLY DIFFUSER (SEE MECH. DWGS)
	20" x 14" RETURN REGISTER (SEE MECH. DWGS)

GENERAL REFLECTED CEILING PLAN NOTES

1. CONTRACTOR SHALL PROVIDE THE NECESSARY FRAMING OR BRIDGING FOR ALL LIGHT FIXTURES, DIFFUSERS, RETURNS, ETC., AS WELL AS REQUIRED CUTOUTS.
2. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY POSSIBLE INTERFERENCES BEFORE PROCEEDING WITH CEILING INSTALLATION.
3. CEILING CONSTRUCTION SHALL NOT BE CLOSED IN UNTIL THE CONSTRUCTION MANAGER AND AUTHORITIES HAVING JURISDICTION HAVE HAD AN OPPORTUNITY TO INSPECT THE AREA AND ASCERTAIN THAT ALL DUCTWORK, PLUMBING, ELECTRICAL CONDUITS AND LINES HAVE BEEN INSTALLED PROPERLY.
4. FASCIAS OR ANY BREAK IN THE CEILING HEIGHTS CREATED BY THE INSTALLATION AND/OR ALTERATION OF HEATING, VENTILATING, A/C OR MECHANICAL DUCTS, PIPING OR OTHER EQUIPMENT SHALL BE FORMED OF GYPSUM WALLBOARD ON FURRING CHANNELS.
5. THE CEILING PANEL JOINTS SHALL BE ALIGNED PERFECTLY WITH LIGHTING FIXTURES.
6. ALL JOINTS IN THE PANEL SHALL BE SQUARE, LEVEL AND PERFECTLY ALIGNED WITH EACH OTHER AND WITH BUILDING FIXTURES.
7. CONTRACTOR SHALL PROVIDE CUTOUTS AND OTHER SPECIAL PROVISIONS IN ACOUSTICAL WORK AS REQUIRED FOR LIGHTING FIXTURES, REGISTERS, DIFFUSERS AND OTHER INSERTED ITEMS. GENERAL CONSTRUCTION CONTRACTOR SHALL INSTALL ACCESS PANELS IN GYPSUM DRYWALL CEILINGS FOR ACCESS TO AIR CONDITIONING, PLUMBING, TELEPHONE & ELECTRICAL CONTROL EQUIPMENT REQUIRING ACCESS.
8. IN GENERAL, WITHIN EACH AREA, CEILING WORK REQUIREMENTS SHALL BE EXECUTED IN SUCH A MANNER AS TO PROVIDE CONTINUOUS MATCHED AND ALIGNED CEILINGS. THE FINAL CEILING INSTALLATION SHALL BE FREE OF ALL VISUAL DEFECTS.

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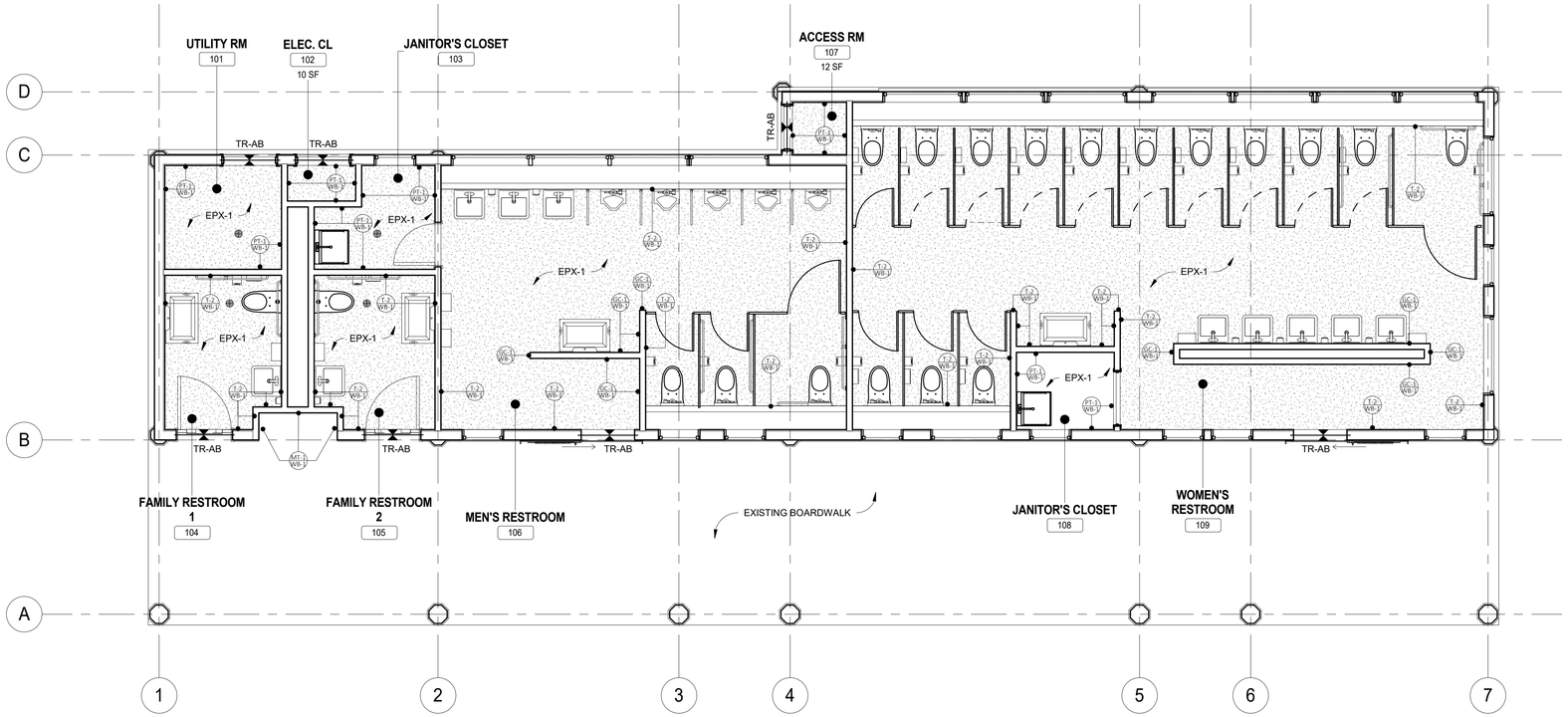
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
REFLECTED CEILING PLAN AND DETAILS

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-A-13
DWG NO.:	Page 153 of 387
SCALE:	As indicated
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-153
REV. NO.	0



1 GROUND FLOOR FINISH PLAN
1/4" = 1'-0"

N

FINISH LEGEND

EPX-1
EPOXY MACRO CHIP FLOORING

X-# — INDICATES WALL FINISH
WB-# — INDICATES WALL BASE

TR-XX — TRANSITION STRIP
SEE 4/RCX-A-61 FOR DETAILS

FINISH PLAN GENERAL NOTES

1. FOR FINISH PLAN SCHEDULE AND NOTES SEE PAGE RCX-A-71
2. FOR EXTERIOR FINISHES SEE BUILDING ELEVATION PAGES RCX-A-21 & RCX-A-22.
3. REFER TO WRITTEN FINISH SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4. ARCHITECT TO BE NOTIFIED OF ANY SUBSTRATE SURFACE CONDITIONS THAT MAY CAUSE INCOMPATOBILITY WITH NEW FINISH

* FOR GC-1 WALL TILE COLOR / LAYOUT / PATTERN SEE RCX-A-71

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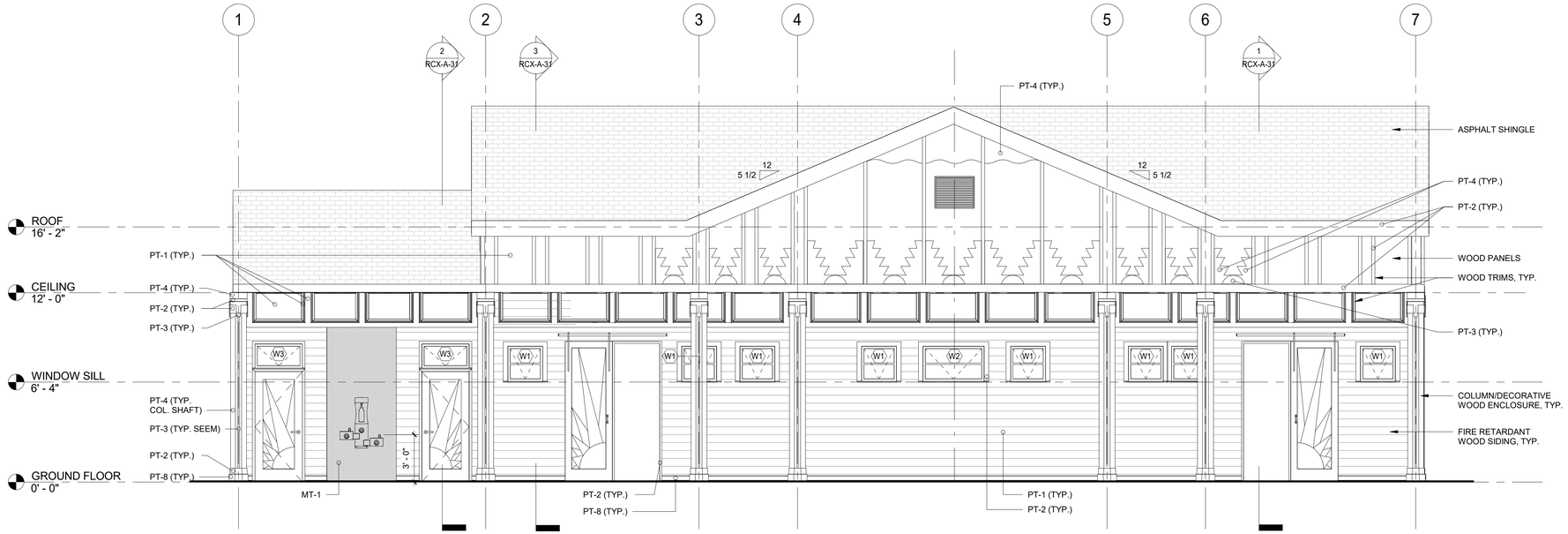
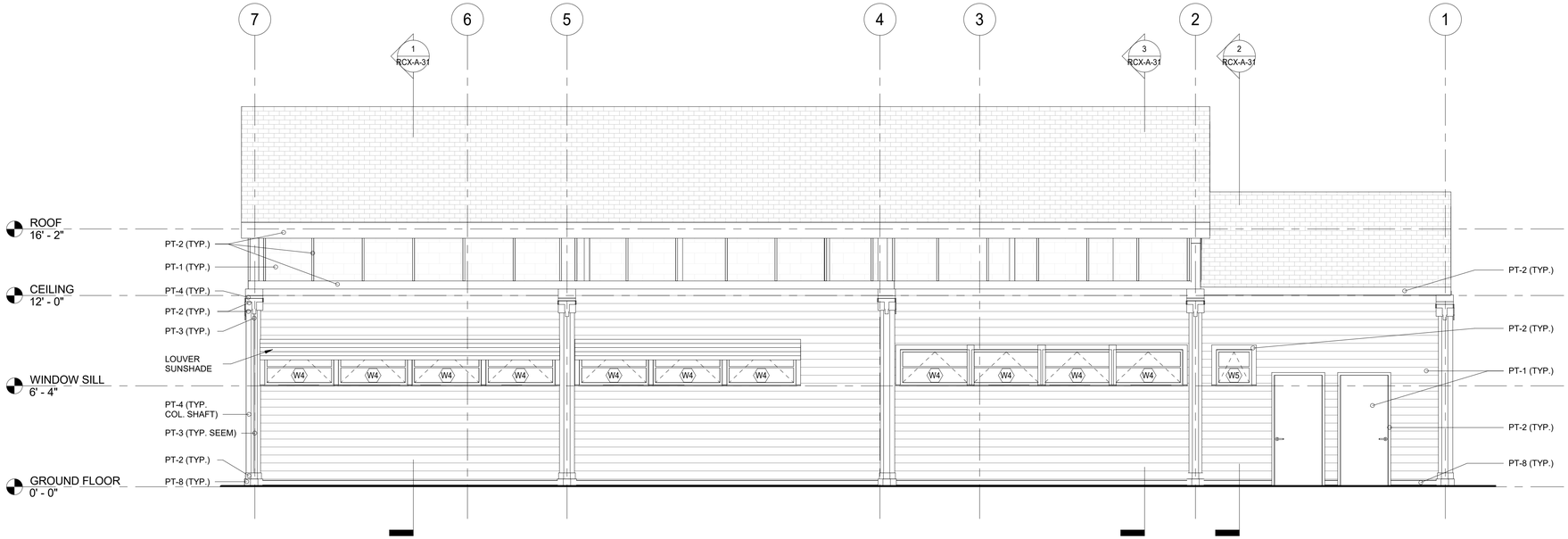
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
FINISH PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-A-14
DWG NO.:	Page 154 of 387
SCALE:	1/4" = 1'-0"
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-154
REV. NO.	0



1 SOUTH ELEVATION
1/4" = 1'-0"



2 NORTH ELEVATION
1/4" = 1'-0"

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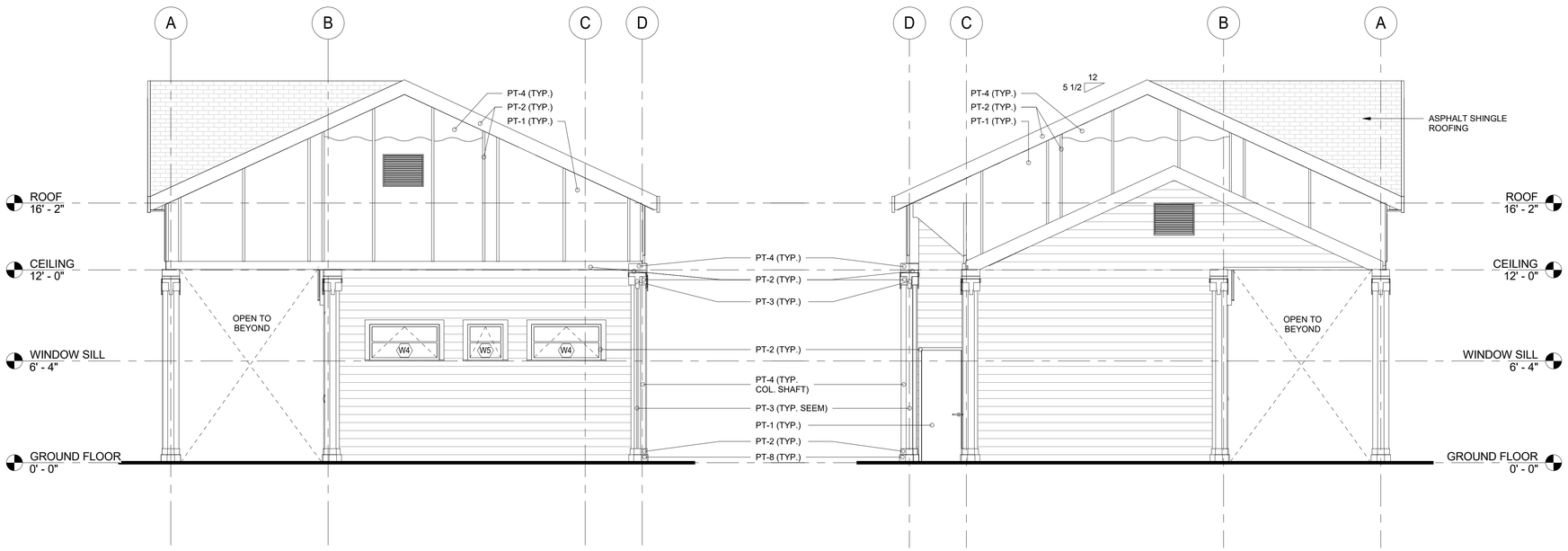
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
EXTERIOR BUILDING ELEVATIONS - NORTH AND SOUTH

CONTRACT NUMBER	SHEET NUMBER
20-501	RCX-A-21

DWG NO.: Page 155 of 387
SCALE: 1/4" = 1'-0"
DATE: 9/16/2020
DPW FILE NUMBER 1-118-A-155 REV. NO. 0



1 WEST ELEVATION
1/4" = 1'-0"

2 EAST ELEVATION
1/4" = 1'-0"

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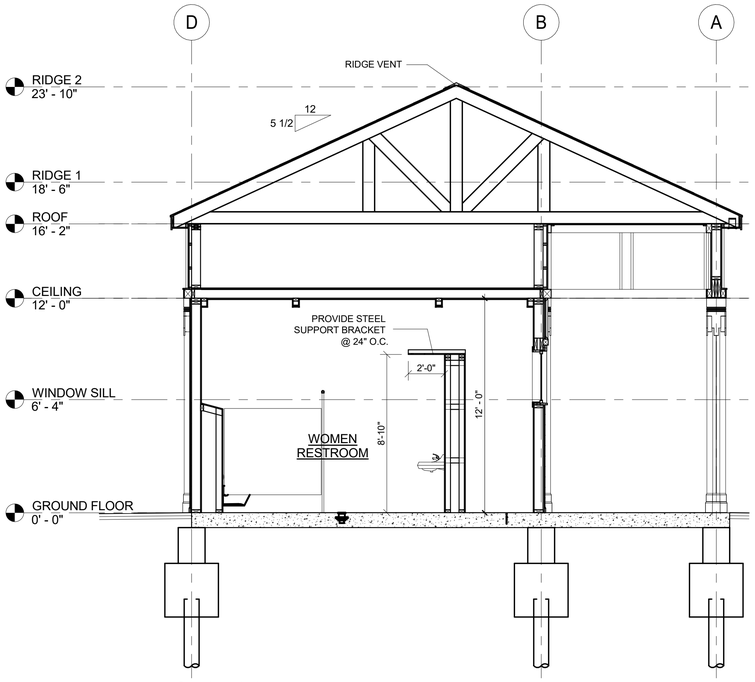
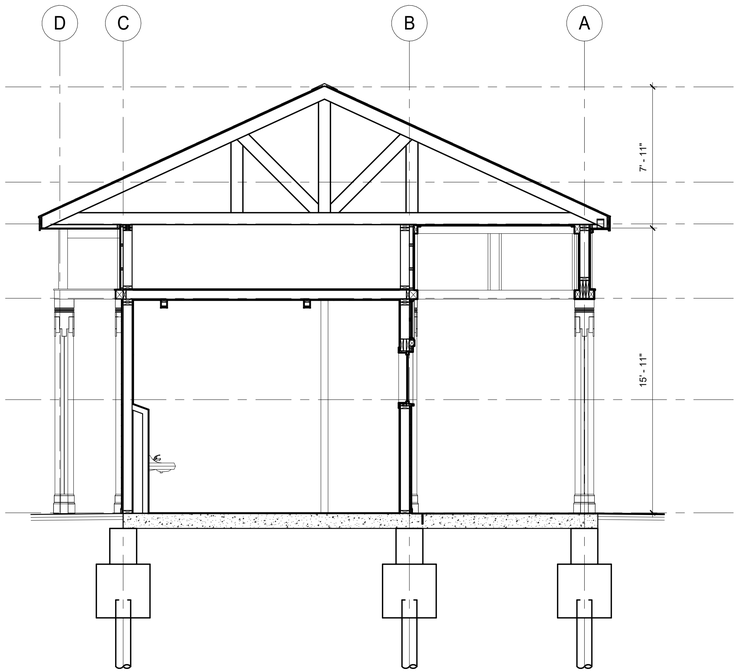
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
EXTERIOR BUILDING ELEVATIONS - EAST AND WEST

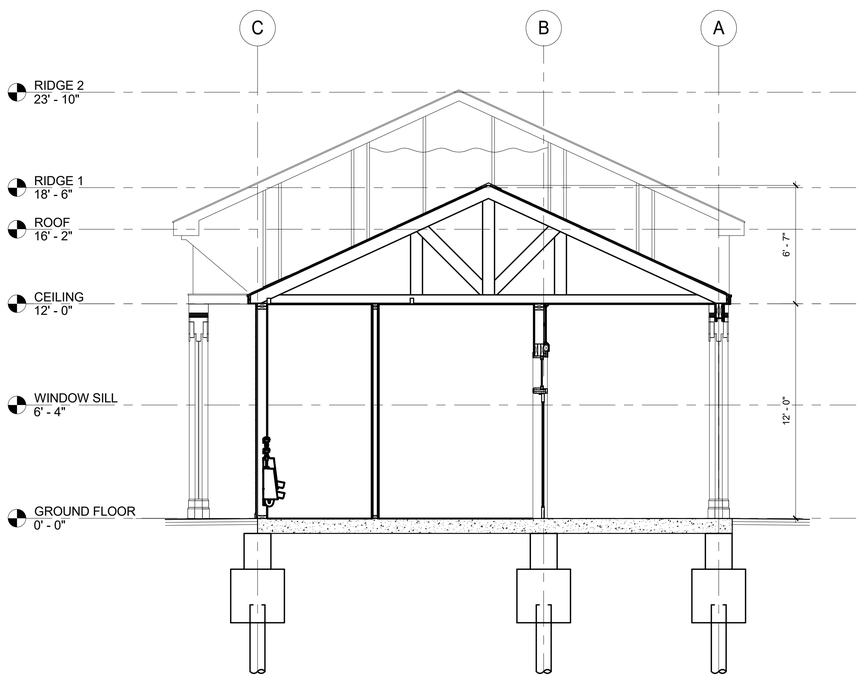
CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-A-22
DWG NO.:	Page 156 of 387
SCALE:	1/4" = 1'-0"
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-156
REV. NO.	0



1 Section A-A
1/4" = 1'-0"



3 Section B-B
1/4" = 1'-0"



2 SECTION C-C
1/4" = 1'-0"

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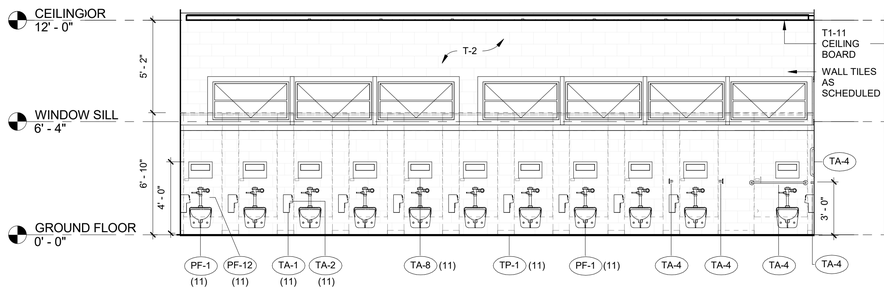
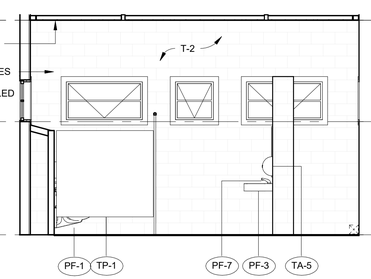
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
BUILDING SECTIONS

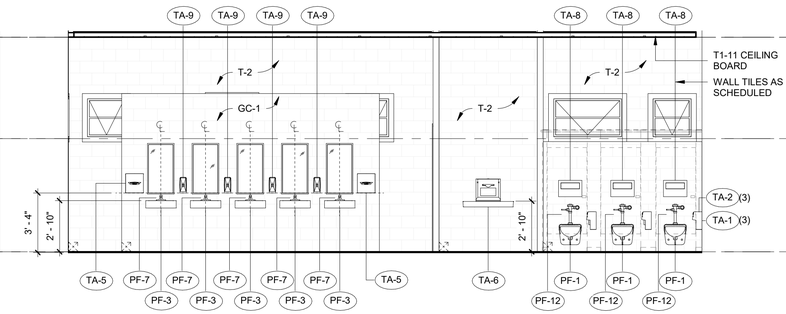
CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-A-31
DWG NO.:	Page 157 of 387
SCALE:	1/4" = 1'-0"
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-157
REV. NO.	0



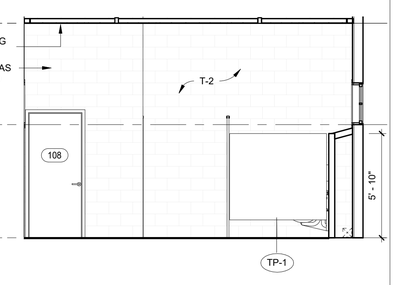
1 WOMEN'S RESTROOM ELEVATION -1
1/4" = 1'-0"



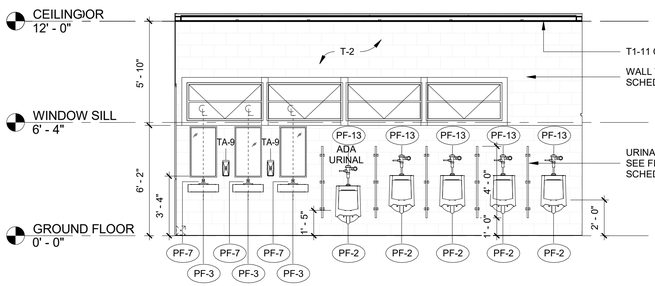
2 WOMEN'S RESTROOM ELEVATION -2
1/4" = 1'-0"



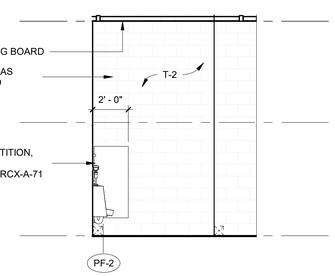
3 WOMEN'S RESTROOM ELEVATION -3
1/4" = 1'-0"



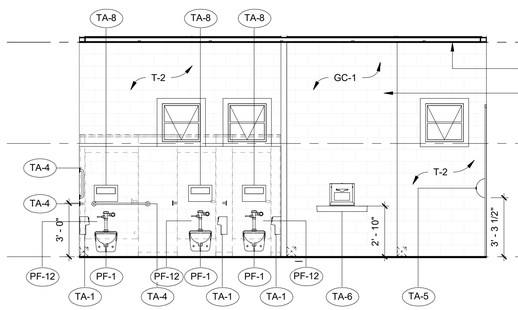
4 WOMEN'S RESTROOM ELEVATION -4
1/4" = 1'-0"



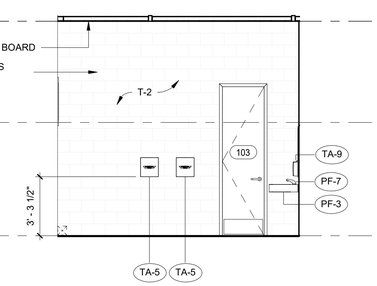
5 MEN'S RESTROOM ELEVATION -1
1/4" = 1'-0"



6 MEN'S RESTROOM ELEVATION -2
1/4" = 1'-0"

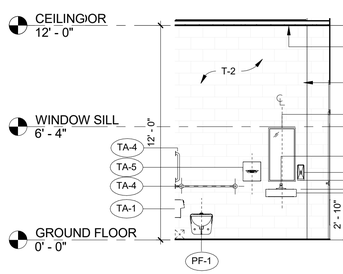


7 MEN'S RESTROOM ELEVATION -3
1/4" = 1'-0"

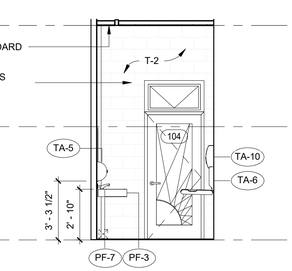


8 MEN'S RESTROOM ELEVATION -4
1/4" = 1'-0"

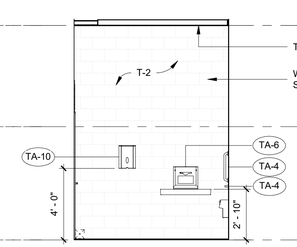
PLUMBING FIXTURE SCHEDULE				
Type Mark	Description	Manufacturer	Model	Remarks
PF-1	WALL MOUNTED WATER CLOSET	SLOAN	ST-2459	
PF-2	WALL MOUNTED URINAL	SLOAN	SU-1009	
PF-3	WALL MOUNTED LAVATORY	DURAVIT	2350500030	
PF-5	SERVICE SINK	ACORN	TSH-24 KFC	
PF-12	FLUSHOMETER - WATER CLOSET	SLOAN	Royal 111-1.28	
PF-13	FLUSHOMETER - URINAL	SLOAN	Regal 186- 1.0 XL	



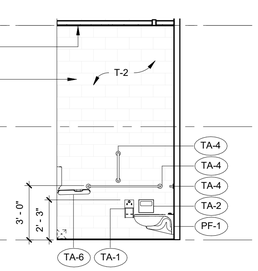
9 FAMILY RESTROOM ELEVATION -1
1/4" = 1'-0"



10 FAMILY RESTROOM ELEVATION -2
1/4" = 1'-0"



11 FAMILY RESTROOM ELEVATION -3
1/4" = 1'-0"



12 FAMILY RESTROOM ELEVATION -4
1/4" = 1'-0"

TOILET ACCESSORY LEGEND					
Tag	Description	Mounting	Model	Manufacturer	Remarks
TA-1	SURFACE MOUNTED MULTI ROLL TOILET TISSUE DISPENSER	PARTITION MOUNTED	B-2888	BOBRICK	
TA-2	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	PARTITION MOUNTED	B-254	BOBRICK	
TA-3	WELDED FRAME MIRROR	WALL MOUNTED	B-290 2460	BOBRICK	
TA-4	GRAB BARS	WALL MOUNTED	8170-001240	BRADLEY CORPORATION	
TA-5	XLERATOReco Hand Dryer	WALL MOUNTED	XL-W	Excel Dryer	
TA-6	BABY CHANGING STATION	WALL MOUNTED	-	MEDICLINICS	
TA-8	SURFACE MOUNTED SEAT COVER DISPENSER	WALL MOUNTED	B-221	BOBRICK	
TA-9	AUTOMATIC SOAP DISPENSER	WALL MOUNTED	6A01-11	BRADLEY CORPORATION	
TA-10	PAPER TOWEL DISPENSER	WALL MOUNTED		BOBRICK	

NOTE:
CONTRUCTOR TO PROVIDE F.R. WOOD BLOCKING IN WALL CAVITIES AS REQUIRED TO ANCHOR MILLWORK, EQUIPMENT OR FURNITURE PRODUCTS, WHERE REQUIRED. TYP. FOR ALL MILLWORK

10/15/2020 7:25:10 PM

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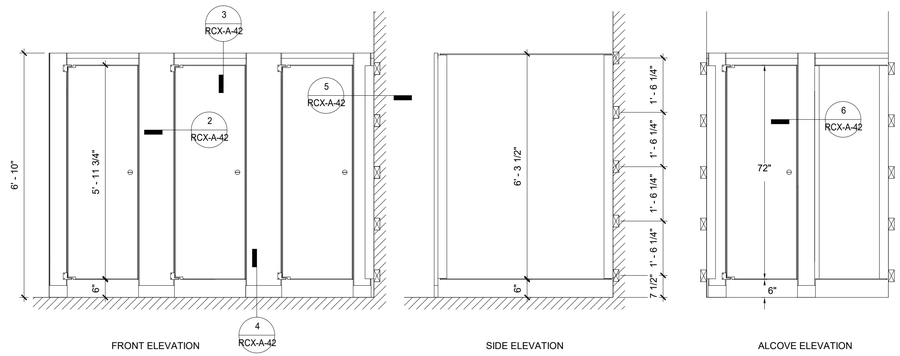
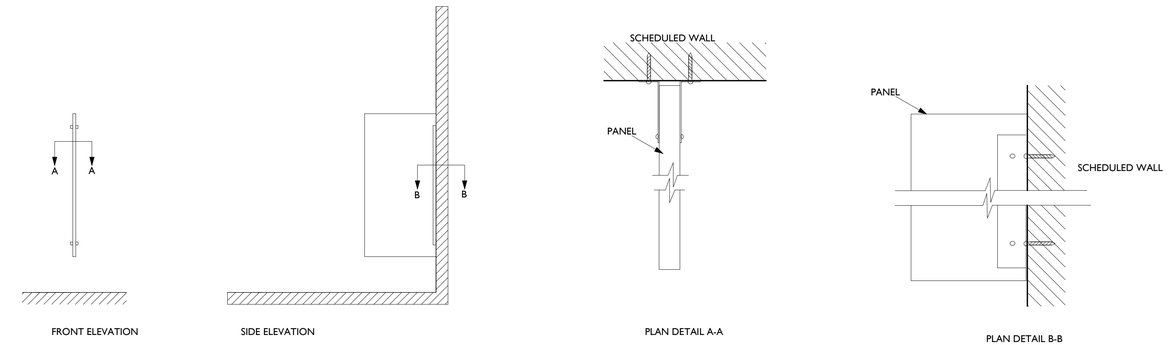
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
INTERIOR ELEVATIONS

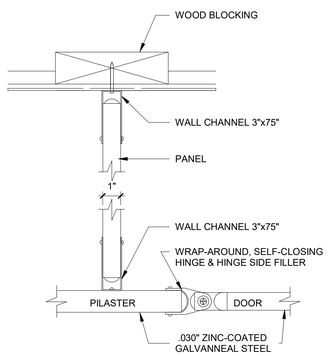
CONTRACT NUMBER **20-501**
SHEET NUMBER **RCX-A-41**
DWG NO.: Page 158 of 387
SCALE: **1/4" = 1'-0"**
DATE: **9/16/2020**
DPW FILE NUMBER 1-118-A-158
REV. NO. 0



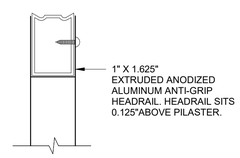
1 TOILET PARTITION ELEVATIONS
1/2" = 1'-0"



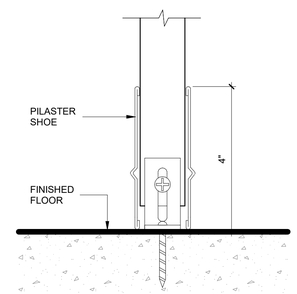
10 URINAL PARTITION DETAILS
1/2" = 1'-0"



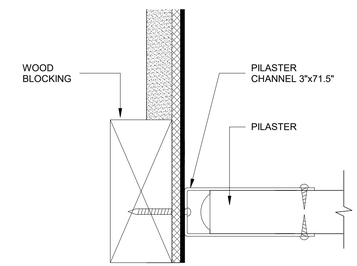
2 PLAN DET. A
3" = 1'-0"



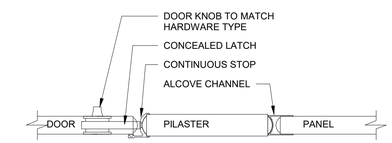
3 PLAN DET. B
6" = 1'-0"



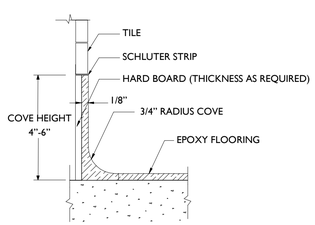
4 PLAN DET. C
6" = 1'-0"



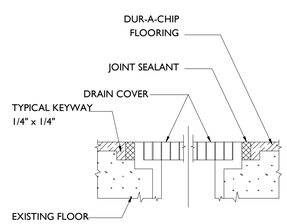
5 PLAN DET. D
6" = 1'-0"



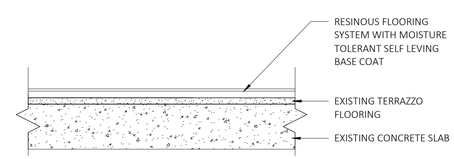
6 PLAN DET. E
3" = 1'-0"



7 EPOXY FLOORING- COVE BASE DETAIL (BUILT OUT WALL)
6" = 1'-0"



8 EPOXY FLOORING- CHANNEL DRAIN DETAIL
6" = 1'-0"



9 FLOORING DETAIL TYPICAL
6" = 1'-0"

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CONSULTANT INFORMATION
The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH P. GRANT No. 031021 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

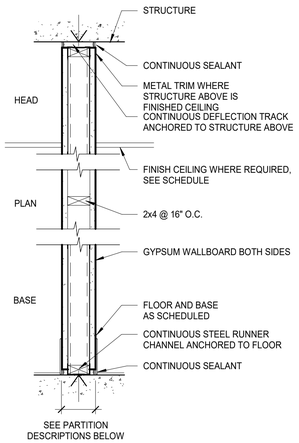
PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

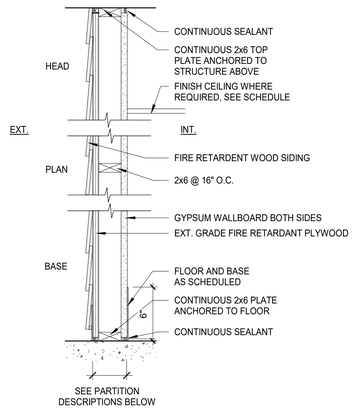
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
TOILET PARTITION DETAILS

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-A-42
DWG NO.:	Page 159 of 387
SCALE:	As indicated
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-159
REV. NO.	0

TWO SIDED - ONE LAYER



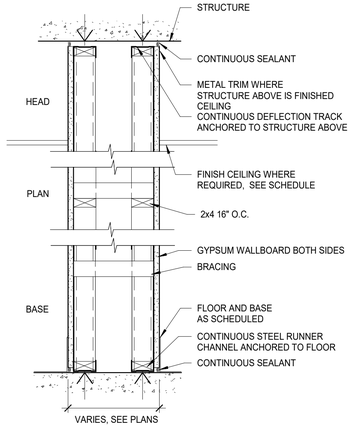
EXTERIOR TWO SIDED - ONE LAYER



1 HR - ITS J99-22441.2

NOTE: FOR FIRE RATED PARTITIONS, USE TYPE X GYP. BD. OR TYPE X TILE BACKER BD.

CHASE WALLS - ONE LAYER



NOTES:

1. SEE SPECIFICATIONS FOR TYPICAL METAL STUD GAUGES AND SPACING. PROVIDE MINIMUM GAUGES BASED ON SPAN AS FOLLOWS:
   TYPICAL PARTITION - DEFLECTION L/240; LOAD 5 PSF
   SHAFT WALLS - DEFLECTION L/240; LOAD 7.5 PSF
   PARTTION WITH GLASS, TILE, SIM. - DEFLECTIOM L/360; LOAD 5 PSF
2. SEE SPECIFICATIONS FOR GYPSUM BOARD AND OTHER WALL BOARD TYPES, APPLICATIONS AND THICKNESSES UNLESS NOTED OTHERWISE ON THE DRAWINGS.
3. REFER TO THE LATEST EDITION OF UNDERWRITERS LABORATORIES INC. FIRE RESISTANCE DIRECTORY FOR ADDITIONAL REQUIREMENTS ON UL RATED ASSEMBLIES AS NOTED IN THE PARTITION DESCRIPTIONS. WHERE UL# IS NOTED USE UL IN LIEU OF CHART ABOVE.
4. SOUND RATED PARTITIONS TYPES: WALL TYPE DESIGNATIONS INDICATED WITH AN "S" ARE SOUND RATED AND REQUIRE SAFB (SOUND ATTENUATION FIRE BATT/BLANKET INSULATION) AND ACOUSTICAL SEALANT. XXS

1A **NO RATING**
1 LAYER 5/8" GYP. BD. EACH SIDE

1B **NO RATING**
LAYER 5/8" TILE BACKER BD. EACH SIDE

1C **NO RATING**
1 LAYER 5/8" MOLD RESISTANT GYP. BD. EACH SIDE

2A **1 HOUR RATING**
LAYER 5/8" GYP. BD. EACH SIDE

2B **1 HOUR RATING**
1 LAYER 5/8" TILE BACKER BD. EACH SIDE

2C **1 HOUR RATING**
1 LAYER 5/8" MOLD RESISTANT GYP. BD. EACH SIDE

3A **NO RATING**
1 LAYER 5/8" GYP. BD. EACH SIDE

3B **NO RATING**
1 LAYER 5/8" TILE BACKER BD. EACH SIDE

3C **NO RATING**
1 LAYER 5/8" WATER RESISTANT GYP. BD. EACH SIDE

10/15/2020 7:25:11 PM

CONSULTANT INFORMATION
The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL
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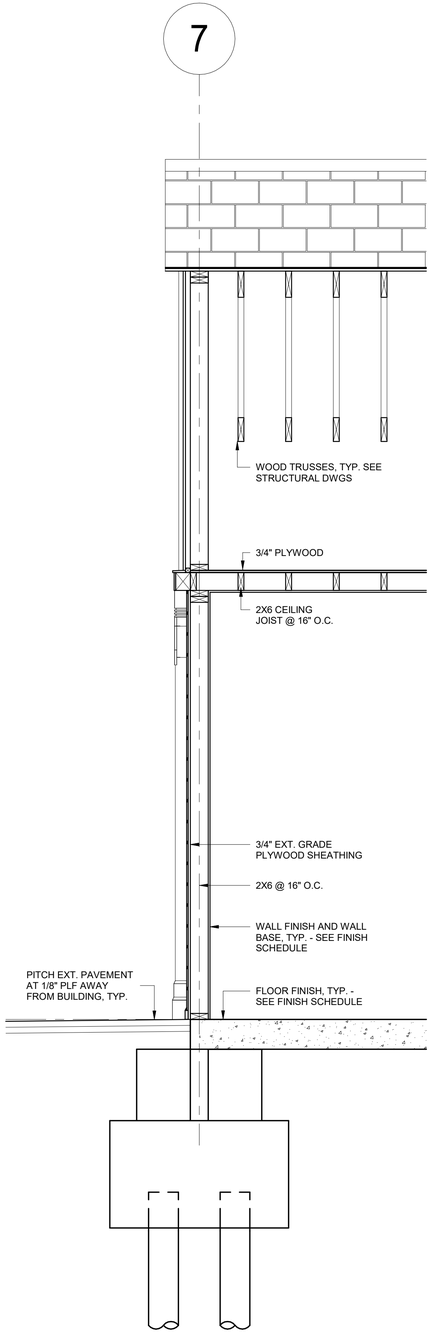
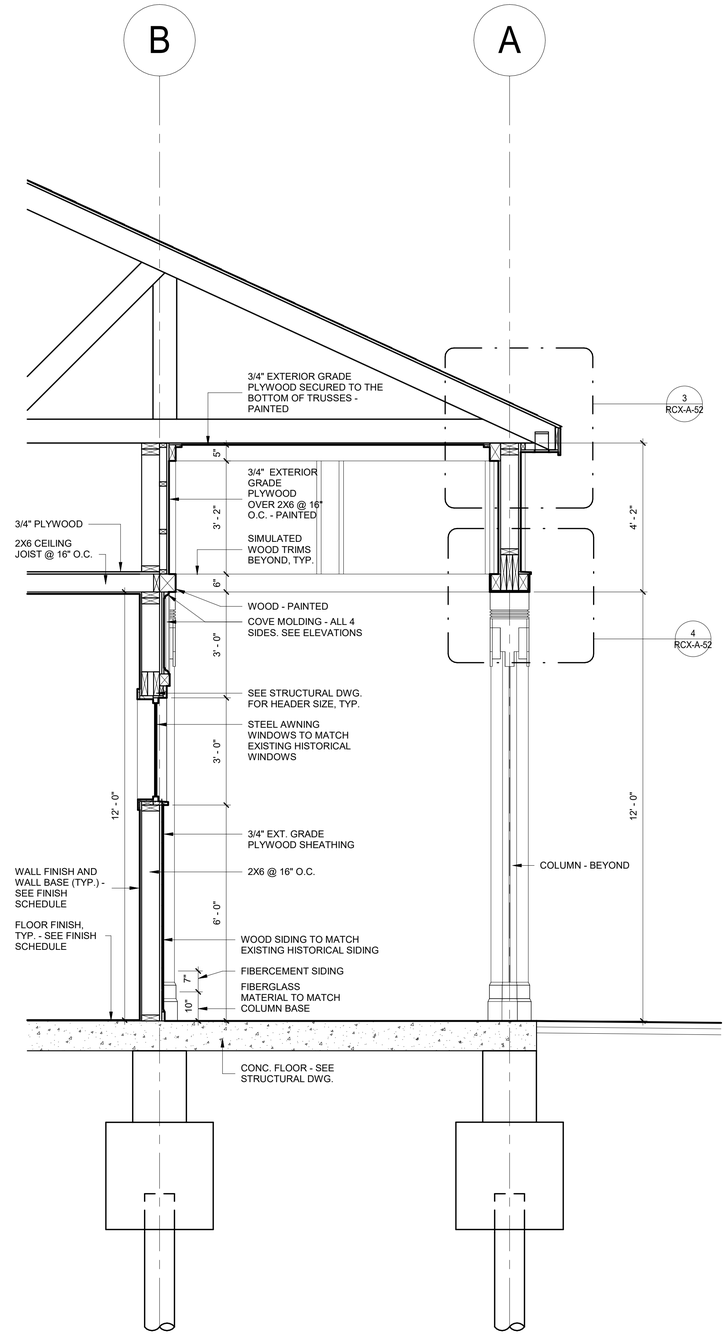
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
WALL AND PARTITION TYPES AND FLOORING DETAILS

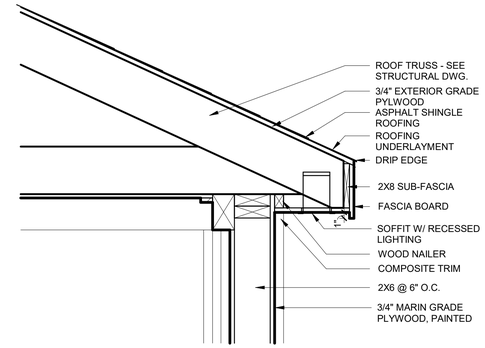
CONTRACT NUMBER **20-501**
SHEET NUMBER **RCX-A-51**
DWG NO.: Page 160 of 387
SCALE: **1 1/2" = 1'-0"**
DATE: **9/16/2020**
DPW FILE NUMBER 1-118-A-160
REV. NO. 0



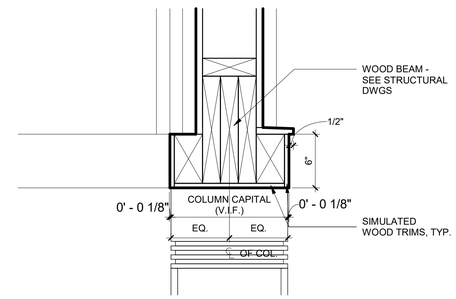
1 WALL SECTION - 1
1/2" = 1'-0"



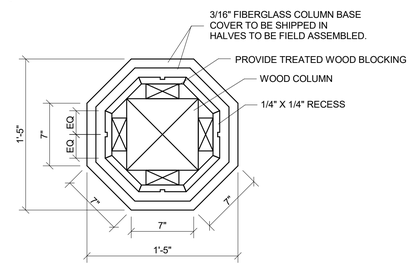
2 WALL SECTION - 2
1/2" = 1'-0"



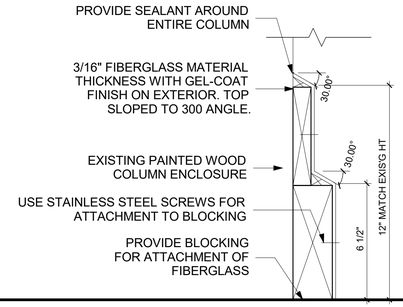
3 ROOF/EAVE DETAIL
1" = 1'-0"



4 WOOD BEAM DETAIL
1 1/2" = 1'-0"



5 COLUMN PLAN DETAIL
1 1/2" = 1'-0"



6 COLUMN BASE TRIM SECTION
3" = 1'-0"

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CONSULTANT INFORMATION

The LiRo Group
3 Aerial Way, Syosset, New York 11791
(516) 938-5476 www.liro.com

CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH P. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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PROJECT COORDINATOR
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SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
EXTERIOR WALL SECTIONS AND ELEVATION DETAILS

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-A-52
DWG NO.:	Page 161 of 387
SCALE:	As indicated
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-161
REV. NO.	0

DOOR SCHEDULE

DOOR NUMBER	LOCATION	DOOR PANEL								DOOR FRAME						HARDWARE SET	REMARKS
		PANEL TYPE	WIDTH	HEIGHT	THK	MATERIAL	FINISH	GLASS	FIRE RATED	FRAME TYPE	MATERIAL	FINISH	HEAD	JAMB	THRESHOLD		
101	UTILITY ROOM	D	3' - 0"	7' - 0"	0' 1 3/4"	HM	PAINT	NO	45 MIN	A	HM	PAINT	H1	J1	TR-AB	HS-02	
102	ELECTRICAL CLOSET	D	3' - 0"	7' - 0"	0' 1 3/4"	HM	PAINT	NO	45 MIN	A	HM	PAINT	H1	J1	TR-AB	HS-02	
103	JANITOR'S CLOSET	A	2' - 4"	8' - 4"	0' 1 3/4"	HM	PAINT	NO	45 MIN	A	HM	PAINT	H1	J1	-	HS-01	
104	FAMILY RESTROOM 1	B	3' - 0"	7' - 0"	0' 1 3/4"	WD	STAIN	YES	-	B	WD	STAIN	H2	J2	TR-AB	HS-03	
105	FAMILY RESTROOM 2	B	3' - 0"	7' - 0"	0' 1 3/4"	WD	STAIN	YES	-	B	WD	STAIN	H2	J2	TR-AB	HS-03	
106	MEN'S RESTROOM	C	3' - 0"	8' - 7 1/2"	0' 1 3/4"	WD	STAIN	YES	-	C	WD	STAIN	H3	J3	TR-AB	HS-15	
107	ACCESS ROOM	A	2' - 6"	7' - 0"	0' 1 3/4"	HM	PAINT	NO	45 MIN	A	HM	PAINT	H1	J1	TR-AB	HS-02	
108	JANITOR'S CLOSET	A	3' - 0"	7' - 0"	0' 1 3/4"	HM	PAINT	NO	-	A	HM	PAINT	H1	J1	-	HS-01A	
109	WOMEN'S RESTROOM	C	3' - 0"	8' - 7 1/2"	0' 1 3/4"	WD	STAIN	YES	-	C	WD	STAIN	H3	J3	TR-AB	HS-15	

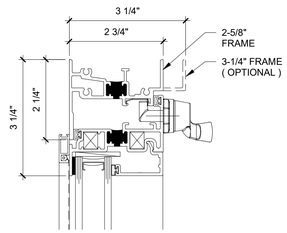
NOTE: SEE SPECIFICATIONS FOR HARDWARE SET SCHEDULE

WINDOW SCHEDULE

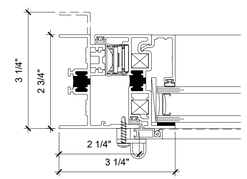
WINDOW TAG	TYPE	NO. OF WINDOWS	INT./EXT.	MATERIAL	HEIGHT	WIDTH	HEAD	JAMB	SILL	SILL HT.	REMARKS
W1	A	8	EXT.	AL.	2' - 4"	2' - 4"	WH1	WJ1	WS1	6' - 4"	
W2	A	1	EXT.	AL.	2' - 4"	4' - 4"	WH1	WJ1	WS1	6' - 4"	
W3	A	2	EXT.	AL.	1' - 6"	3' - 0"	WH1	WJ1	WS1	7' - 2"	
W4	B	13	EXT.	AL.	2' - 4"	4' - 4"	WH2	WJ2	WS2	6' - 4"	
W5	B	2	EXT.	AL.	2' - 4"	2' - 4"	WH2	WJ2	WS2	6' - 4"	

GENERAL DOOR SCHEDULE NOTES:

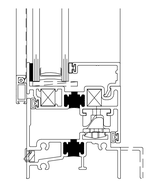
1. REFER TO THIS SHEET FOR DOOR & FRAME TYPES.
2. REFER TO THIS SHEET FOR DOOR JAMB, HEAD, & FRAME DETAILS.
3. REFER TO THIS SHEET FOR DOOR SILL & TRANSITION DETAILS. SILL TRANSITION INFORMATION IS INDICATED ON FINISH PLAN UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL EXAMINE THE DRAWINGS, SCHEDULE AND SPECIFICATIONS AND FURNISH PROPER HARDWARE FOR ALL OPENINGS WHETHER LISTED OR NOT. COMPLETE SHOP DRAWINGS SHALL BE PROVIDED FOR APPROVAL PRIOR TO PURCHASE.
5. ALL EXIT DOORS SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.
6. VERIFY DIMENSIONS OF EXISTING OPENING AND DOORS BEFORE ORDERING.
7. THE CONTRACTOR SHALL COORDINATE & VERIFY LOCATION OF RECESSED FLOOR CLOSERS, PIVOTS, ETC WITH EXISTING FLOOR SLABS AND OTHER FIELD CONDITIONS PRIOR TO ORDERING TO ENSURE PROPER CLEARANCES & DEPTHS ARE ALLOWED.



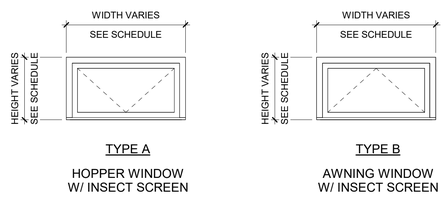
WH1 WINDOW B HEAD DETAIL
6" = 1'-0"



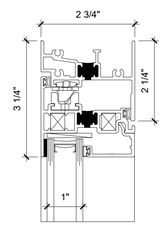
WJ1 WINDOW B JAMB DETAIL
6" = 1'-0"



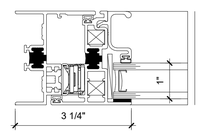
WS1 WINDOW B SILL DETAIL
6" = 1'-0"



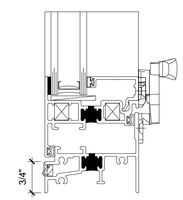
WINDOW TYPES



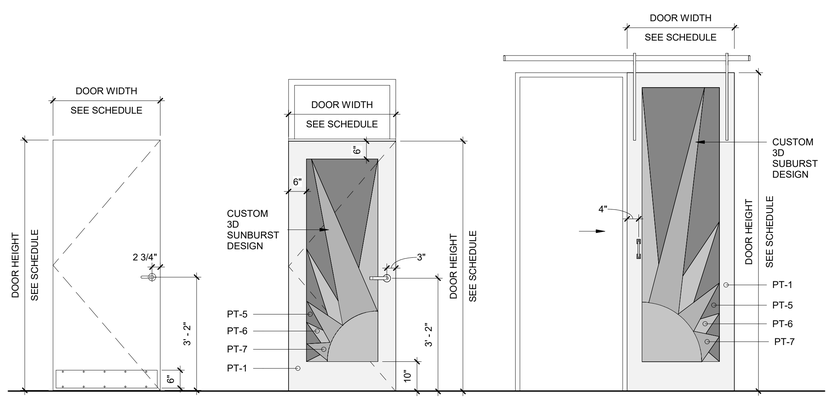
WH2 WINDOW HEAD DETAIL
6" = 1'-0"



WJ2 WINDOW JAMB DETAIL
6" = 1'-0"



WS2 WINDOW SILL DETAIL
6" = 1'-0"



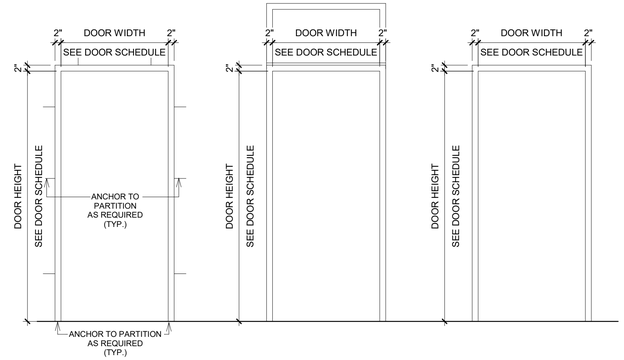
TYPE A
SINGLE HM DOOR

TYPE B
SINGLE WOOD DOOR
W/ 3D DESIGN

TYPE C
SLIDING WOOD BARN
DOOR W/ 3D DESIGN

DOOR TYPES

***NOTE**: SEE RCX-A-71 FOR FINISH SCHEDULE

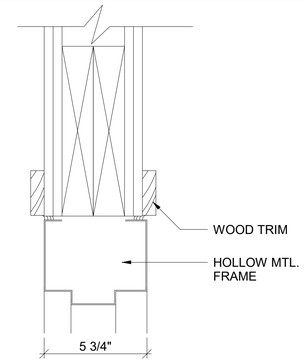


TYPE A
HM FRAME

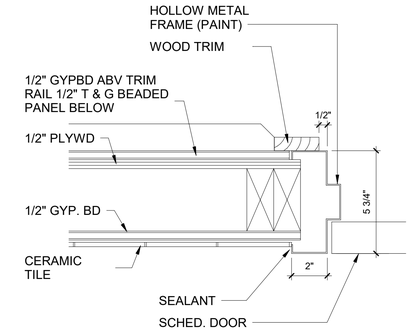
TYPE B
WOOD FRAME

TYPE C
WOOD FRAME -
BARN DOOR

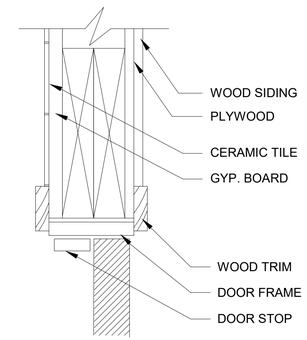
DOOR FRAME TYPES



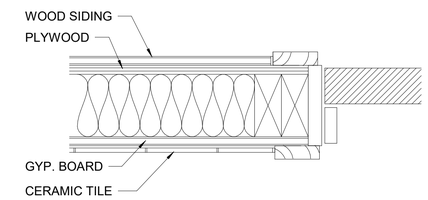
H1 HM DOOR HEAD DETAIL
3" = 1'-0"



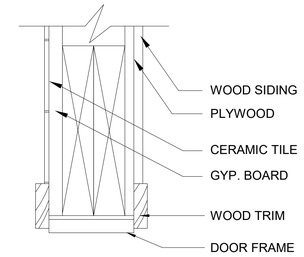
J1 HM DOOR JAMB DETAIL
3" = 1'-0"



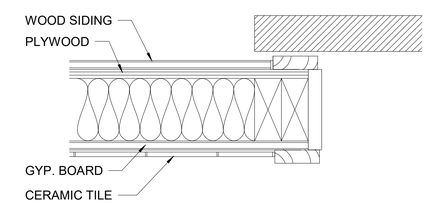
H2 WD DOOR HEAD DETAIL
3" = 1'-0"



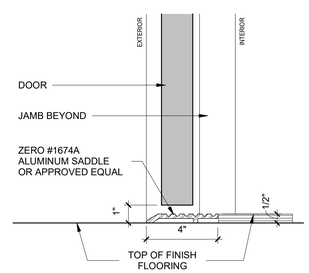
J2 WD DOOR JAMB DETAIL
3" = 1'-0"



H3 WD BARN DOOR HEAD DETAIL
3" = 1'-0"



J3 WD BARN DOOR JAMB DETAIL
3" = 1'-0"



EXTERIOR THRESHOLD- TR-AB

4 DOOR SADDLE DETAIL
3" = 1'-0"

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CONSULTANT INFORMATION
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CONSULTANT SEAL
REGISTERED ARCHITECT JOSEPH P. GRANT No. 031041 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

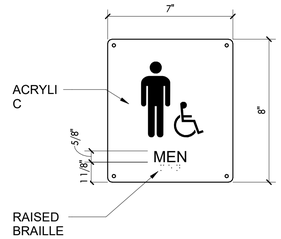
PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

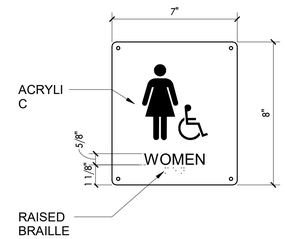
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
DOOR, WINDOW, FINISH SCHEDULES,AND DETAILS

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-A-61
DWG NO.:	Page 162 of 387
SCALE:	As indicated
DATE:	9/16/2020
DPW FILE NUMBER	1-118-A-162
REV. NO.	0

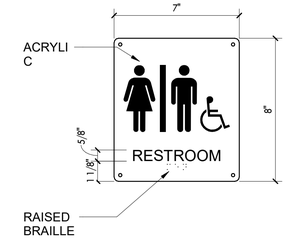
1 SIGNAGE
1" = 1'-0"



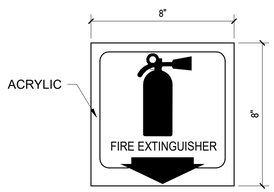
2 TYPE G-1 - ACCESSABLE AREAS
3" = 1'-0"



3 TYPE G-2 - ACCESSABLE AREAS
3" = 1'-0"

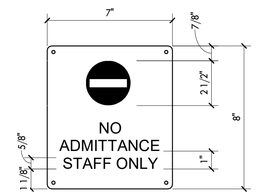


4 TYPE G-3 - ACCESSABLE AREAS
3" = 1'-0"

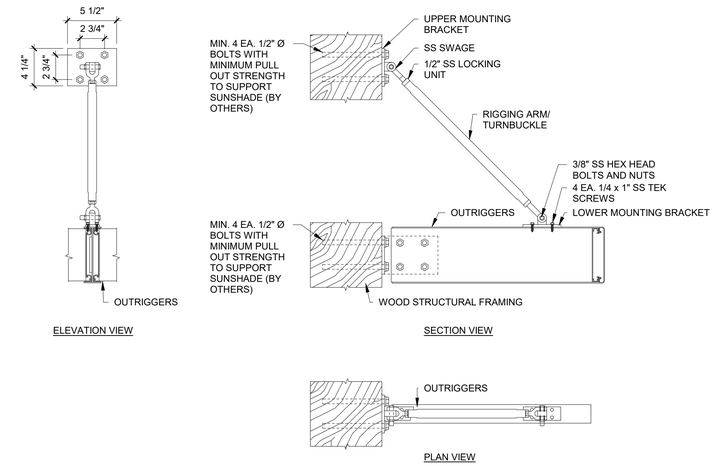


5 FIRE EXTINGUISHER
3" = 1'-0"

6 TYPE X - FIRE PREVENTION SIGN
3" = 1'-0"



7 TYPE X - RESTRICTION SIGN
3" = 1'-0"



8 EXTERIOR SUNSHADE DETAILS
1 1/2" = 1'-0"

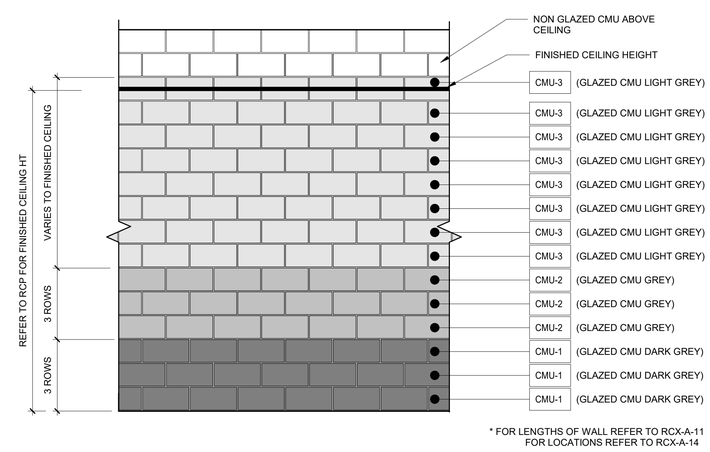
FINISH LEGEND

TAG	FINISH MATERIAL	MANUFACTURER	MODEL/INFORMATION	COLOR	FINISH	LOCATION	REMARKS
WALL MATERIALS							
PT-1	PAINT	BENJAMIN MOORE	TBD	MYSTICAL POWERS #901	SEMI-GLOSS	WOOD SIDING, FASCIA	
PT-2	PAINT	BENJAMIN MOORE	TBD	HERITAGE RED #FM-18	SEMI-GLOSS	TRIM/ DOOR & WINDOW FRAMES	
PT-3	PAINT	BENJAMIN MOORE	TBD	BRIGHT YELLOW #343	SEMI-GLOSS	T-CAPITAL/ DECORATIVE MOLDINGS	
PT-4	PAINT	BENJAMIN MOORE	TBD	NEW YORK STATE OF MIND #825	SEMI-GLOSS	COLUMN SHAFT/ DECORATIVE MOLDINGS	
PT-5	PAINT	BENJAMIN MOORE	TBD	LAZY SUNDAY #803	SEMI-GLOSS	RESTROOM DOORS - SUNBURST BACKGROUND	
PT-6	PAINT	BENJAMIN MOORE	TBD	SUNRAYS #343	SEMI-GLOSS	RESTROOM DOORS - SUNBURST ACCENT #1	
PT-7	PAINT	BENJAMIN MOORE	TBD	ANTELOPE CANYON #125	SEMI-GLOSS	RESTROOM DOORS - SUNBURST ACCENT #2	
PT-8	PAINT	BENJAMIN MOORE	TBD	TRICORN BLACK #6258	SEMI-GLOSS	BASEBOARD/COLUMN BASE	
PT-9	PAINT	BENJAMIN MOORE	TBD	CHANTILLY LACE #2121-70	SEMI-GLOSS	JANITOR'S CL/UTILITY RM	
PT-10	PAINT	BENJAMIN MOORE	TBD	GRAY	SEMI-GLOSS	INTERIOR DOORS - JANITOR'S CL/UTILITY RM	
T-1	CERAMIC/PORCELAIN TILE	TBD	TBD	LT. GRAY	MATTE	RESTROOMS	8"X16" RECTANGULAR
T-2	CERAMIC/PORCELAIN TILE	TBD	TBD	MEDIUM GRAY	MATTE	RESTROOMS	8"X16" RECTANGULAR
T-3	CERAMIC/PORCELAIN TILE	TBD	TBD	DARK GRAY	MATTE	RESTROOMS	8"X16" RECTANGULAR
MT-1	MOSAIC TILE	KALEIDOSCOPE	MB2023 - 3/4"x3/4"	JUBILEE	IRIDESCENT GLASS	DRINKING FOUNTAIN	OR APPROVED EQUAL
FLOOR MATERIALS							
EPX-1	EPOXY MACROCHIP	DUR-A-FLEX	DUR-A-GUARD	PEWTER	MACRO CHIP	TYP.	
BASE MATERIALS							
WB-1	RESIN COVE BASE	DUR-A-FLEX	TBD	PEWTER	MACRO CHIP	TYP.	
CEILING MATERIALS							
TB-1	T1-11 CEILING BOARD	TBD	TBD	TBD	-	TYP.	
ARCHITECTURAL MILLWORK MATERIALS							
SS-1	SOLID SURFACE	FORMICA	SOLID SURFACE	BURGUNDY	-	RESTROOMS	1/2" THICKNESS
GL-1	FROSTED GLASS	TBD	TBD	-	FROSTED	RESTROOMS	
PARTITION FINISHES							
TOILET PARTITION	SOLID PLASTIC (HDPE)	ASI ACCURATE PARTITIONS	FLOOR ANCHORED	BURGUNDY 9211	PEBBLE GRAINED	RESTROOMS	
URINAL PARTITION	SOLID PLASTIC (HDPE)	ASI ACCURATE PARTITIONS	48" WALL HUNG SCREENS	BURGUNDY 9211	PEBBLE GRAINED	RESTROOMS	

NOTE: ALL FINISHES TO BE APPROVED BY ARCHITECT

FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	AREA	FLOOR FINISH	BASE FINISH	WALL FINISHES NORTH	EAST	SOUTH	WEST	CEILING FINISH
101	UTILITY RM	44.14 SF	DUR-A-FLEX MACROCHIP EPOXY	RESIN COVE BASE	PT-1	PT-1	PT-1	PT-1	T1-11 CLG.
102	ELEC. CL	10.24 SF	DUR-A-FLEX MACROCHIP EPOXY	RESIN COVE BASE	PT-1	PT-1	PT-1	PT-1	T1-11 CLG.
103	JANITOR'S CLOSET	38.27 SF	DUR-A-FLEX MACROCHIP EPOXY	RESIN COVE BASE	PT-1	PT-1	PT-1	PT-1	T1-11 CLG.
104	FAMILY RESTROOM 1	61.83 SF	DUR-A-FLEX MACROCHIP EPOXY	RESIN COVE BASE	CT-1	CT-1	CT-1	CT-1	T1-11 CLG.
105	FAMILY RESTROOM 2	62.80 SF	DUR-A-FLEX MACROCHIP EPOXY	RESIN COVE BASE	CT-1	CT-1	CT-1	CT-1	T1-11 CLG.
106	MEN'S RESTROOM	305.94 SF	DUR-A-FLEX MACROCHIP EPOXY	RESIN COVE BASE	CT-1/CT-2/CT-3	CT-1/CT-2/CT-3	CT-1/CT-2/CT-3	CT-1/CT-2/CT-3	T1-11 CLG.
107	ACCESS RM	12.40 SF	DUR-A-FLEX MACROCHIP EPOXY	RESIN COVE BASE	PT-1	PT-1	PT-1	PT-1	T1-11 CLG.
108	JANITOR'S CLOSET	28.01 SF	DUR-A-FLEX MACROCHIP EPOXY	RESIN COVE BASE	PT-1	PT-1	PT-1	PT-1	T1-11 CLG.
109	WOMEN'S RESTROOM	575.95 SF	DUR-A-FLEX MACROCHIP EPOXY	RESIN COVE BASE	CT-1/CT-2/CT-3	CT-1/CT-2/CT-3	CT-1/CT-2/CT-3	CT-1/CT-2/CT-3	T1-11 CLG.



* FOR LENGTHS OF WALL REFER TO RCX-A-11
FOR LOCATIONS REFER TO RCX-A-14

9 GC-1 TYP. GLAZED CMU WALL
1/2" = 1'-0"

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CONSULTANT INFORMATION

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CONSULTANT SEAL

REGISTERED ARCHITECT JOSEPH P. GRANT No. 031021 STATE OF NEW YORK

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS-AXIS RESTROOMS
SIGNAGE TYPES AND DETAILS

CONTRACT NUMBER **20-501**
SHEET NUMBER **RCX-A-71**
DWG NO.: Page 163 of 387
SCALE: **As indicated**
DATE: **9/16/2020**
DPW FILE NUMBER 1-118-A-163
REV. NO. 0

STRUCTURAL NOTES

GENERAL

G-1 THESE NOTES ARE GENERAL AND SUPPLEMENTAL TO THE SPECIFICATIONS. THESE NOTES APPLY TO THE ENTIRE PROJECT UNLESS MODIFIED OR NOTED OTHERWISE IN THE CONTRACT DOCUMENTS.

G-2 STANDARD DETAILS, SHOWN ON DRAWING RCX-S-13 – RCX-S-14 SHALL BE USED WHEN REFERRED TO OR WHEN NO MORE RESTRICTIVE OR DIFFERENT DETAILS ARE SHOWN ON THE DRAWINGS.

G-3 DESIGN WAS IN ACCORDANCE WITH AND CONSTRUCTION SHALL COMPLY WITH THE PROVISIONS OF THE NEW YORK STATE BUILDING CODE (NYSBC). THE DESIGN LOADS AND OTHER DESIGN VALUES GIVEN BELOW WERE USED FOR DESIGN OF STRUCTURES UON ON THE DRAWINGS.

G-4 DESIGN LOADS FOR NEW ELEMENTS:

LIVE LOADS:

CROSS AXIS RESROOMS:

OPERATING FLOOR LOAD:	60 PSF
ROOF:	30 PSF
TIMBER ROOF TRUSS:	
PEDESTRIAN LIVE LOAD =	30 PSF
SNOW LIVE LOAD =	30 PSF
MAXIMUM DEFLECTION =	L/360

SNOW LOADS:
- GROUND SNOW LOAD, Pg = 30 PSF
- SNOW EXPOSURE FACTOR, Ce = 0.9
- SNOW LOAD IMPORTANCE FACTOR, I = 1.1
- THERMAL FACTOR, Ct = 1.0

WIND DESIGN:
- BASIC WIND SPEED, V = 120 MPH
- BUILDING CATEGORY II
- WIND EXPOSURE CATEGORY D
- INTERNAL PRESSURE COEFFICIENT, GCpi = ±0.18

SEISMIC DESIGN:
- SEISMIC USE GROUP, III
- SPECTRAL RESPONSE COEFFICIENTS:
  - SDS = .434
  - SD1 = .165
- SITE CLASS E
- SEISMIC DESIGN CATEGORY C
- SEISMIC IMPORTANCE FACTOR I = 1.0
- BASIC SEISMIC FORCE RESISTING SYSTEM IS AS SHOWN ON DRAWINGS
- DESIGN BASE SHEAR, V = AS SHOWN ON DRAWINGS
- ANALYSIS PROCEDURE IS EQUIVALENT LATERAL FORCE METHOD, UON.
- RESPONSE MODIFICATION FACTOR, R:
  - CROSS AXIS RESTROOMS: R = 7

LOADS INDICATED ABOVE REFLECT DESIGN LOADS FOR ANY NEW OR REHABILITATED STRUCTURAL ELEMENTS. THEY SHOULD NOT BE TAKEN AS DESIGN LOADS FOR THE STRUCTURE AS A WHOLE.

G-5 ALL DIMENSIONS INDICATED (*) ARE TO BE VERIFIED EITHER BY FIELD MEASUREMENTS FOR EXISTING STRUCTURES OR BY SHOP DRAWINGS FOR EQUIPMENT FURNISHED. STRUCTURAL DIMENSIONS NOT SHOWN BUT CONTROLLED BY OR RELATED TO EQUIPMENT SHALL BE VERIFIED BY THE CONTRACTOR WITH THE MANUFACTURER PRIOR TO CONSTRUCTION.

G-6 STRUCTURAL DRAWINGS SHALL BE USED IN COORDINATION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND MANUFACTURER'S SHOP DRAWINGS.

G-7 IF A CONFLICT IS FOUND BETWEEN DIFFERENT PORTIONS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. CONTINUED CONSTRUCTION OF THE AREA IN CONFLICT SHALL BE AT THE CONTRACTOR'S OWN RISK UNTIL THE CONFLICT IS RESOLVED BY THE ENGINEER.

G-8 WHENEVER ONE MEMBER IS FASTENED TO ANOTHER WITH FASTENINGS (BOLTS, WELDS, ETC.) SET AT A UNIFORM SPACING, THERE SHALL BE A MINIMUM OF TWO FASTENINGS PER PIECE CONNECTED AND THE FIRST AND LAST FASTENINGS SHALL BE LOCATED NOT TO EXCEED 0.25 OF FASTENER SPACING FROM EACH END.

G-9 STRUCTURES HAVE BEEN DESIGNED FOR OPERATIONAL LOADS ON THE COMPLETED STRUCTURE. DURING CONSTRUCTION, THE STRUCTURES SHALL BE PROTECTED BY BRACING AND TEMPORARY SUPPORTS WHEREVER EXCESSIVE CONSTRUCTION LOADS MAY OCCUR. OVERSTRESSING OF ANY STRUCTURAL ELEMENT IS PROHIBITED.

G-10 NO BACKFILL SHALL BE PLACED AGAINST ANY WALL UNLESS ALL SUPPORTING ELEMENTS OF THE STRUCTURE HAVE BEEN CONSTRUCTED AND HAVE REACHED THE SPECIFIED MINIMUM CONCRETE STRENGTH.

G-11 LEAKAGE TESTING OF HYDRAULIC STRUCTURES SHALL NOT BEGIN UNTIL THE STRUCTURAL ELEMENTS HAVE REACHED THE SPECIFIED MINIMUM CONCRETE STRENGTH. BACKFILL SHALL NOT BE PLACED AROUND THE STRUCTURES UNTIL THE LEAKAGE TEST HAS BEEN COMPLETED.

G-12 THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING INFORMATION IN THE FIELD AS REQUIRED FOR NEW WORK.

FOUNDATIONS

F-1 DESIGN ASSUMPTIONS:
- A) ALLOWABLE BEARING PRESSURE: 1. SOUND ROCK – 8 TSF, 2. OVERBURDEN – 1 TSF.
- B) GROUNDWATER: EXISTING GROUNDWATER ELEVATIONS VARY ACROSS SITE.

F-2 CONCRETE GENERAL NOTES APPLY TO FOUNDATIONS.

F-3 MINIMUM DEPTH FROM ADJACENT FINISHED GRADE TO BOTTOM OF FOUNDATION, 3'-6".

F-4 FOUNDATIONS BEARING ON ROCK SHALL BE CONSTRUCTED SUCH THAT ROCK SURFACE IS LEVEL, UNLESS APPROVED BY ENGINEER.

F-5 COMPACTED SELECT GRANULAR FILL 12 INCHES THICK MINIMUM, SHALL BE PLACED BELOW ALL CONCRETE FOUNDATIONS UNLESS DIRECTLY BEARING ON SOUND ROCK.

EXCAVATION

E-1 CONTRACTOR SHALL PERFORM ALL EXCAVATION IN ACCORDANCE WITH STATE, LOCAL AND FEDERAL REQUIREMENTS INCLUDING OSHA BRACING AND EXCAVATION REQUIREMENTS.

E-2 TEMPORARY SHEETING AND BRACING IS NOT SHOWN ON CONTRACT DRAWINGS. ALL EXCAVATIONS WITH A POTENTIAL FOR CAVE-IN SHALL BE PROVIDED WITH EXCAVATION PROTECTION SYSTEMS IN ACCORDANCE WITH OSHA 1926. SLOPING AND BENCHING WHICH WILL ENCROACH ON AREAS SLATED TO REMAIN ACCESSIBLE OR THAT MAY ENCROACH ON EXISTING FOOTINGS AND STRUCTURES SHALL NOT BE PERMITTED.

E-3 CONTRACTOR SHALL ENGAGE THE SERVICES OF A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK TO DESIGN ALL TEMPORARY SHEETING AND BRACING AND RELATED APPURTENANCES. CONTRACTOR TO SUBMIT SUCH PLANS TO ENGINEER FOR INFORMATION.

E-4 CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING OF OPEN EXCAVATIONS.

STRUCTURAL METALS

S-1 DETAIL, FABRICATE, AND ERECT STRUCTURAL STEEL IN ACCORDANCE WITH AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, ALLOWABLE STRESS DESIGN AND LRFD DESIGN (LRFD MANUAL OF STEEL CONSTRUCTION, CURRENT EDITION).

S-2 STEEL MATERIAL:
- A) STRUCTURAL TUBING, ASTM A 500, GRADE B.
- B) STRUCTURAL PIPE, ASTM A 53, GRADE B.
- C) PLATES AND ANGLES, ASTM A 36 UNO.
- D) STRUCTURAL W SHAPES, ASTM A 992 (MIN. YIELD STRENGTH OF 50 KSI).
- E) STRUCTURAL S, M, & H SHAPES ASTM A572 GRADE 50.

S-3 PROVIDE MIN 3/4" DIAMETER ASTM A 325 HIGH STRENGTH BOLTS WITH FULLY TIGHTENED TYPE N CONNECTIONS FOR STRUCTURAL STEEL UON.

S-4 PROVIDE TYPICAL STEEL BEAM CONNECTIONS FOR A CAPACITY NOT LESS THAN THE TOTAL UNIFORM LOAD CAPACITY TABULATED IN THE AISC TABLES FOR ALLOWABLE LOADS OF BEAMS UNLESS NOTED OTHERWISE.

S-5 CAST IN PLACE ANCHOR BOLTS FOR STRUCTURAL STEEL SHALL CONFORM TO ASTM A307 UON.

S-6 DO NOT PAINT STEEL SURFACES WHICH ARE TO BE WELDED OR ARE TO BE ENCASED IN CONCRETE.

S-7 STAINLESS STEEL SHALL BE TYPE 316 FOR BOLTED CONSTRUCTIONS AND 316L FOR WELDED CONSTRUCTIONS.

S-8 ALUMINUM SHALL BE ALLOY 6061-T6.

S-9 ALL GROOVE AND BUTT WELDS SHALL BE FULL PENETRATION.

S-10 FILLET WELD SIZES SHALL BE THE MINIMUM SIZE REQUIRED BY AISC CODE FOR PLATE SIZES TO BE CONNECTED AND SHALL BE APPLIED TO THE ENTIRE JOINT CONTACT LENGTH, BUT NOT LESS THAN 3/16".

S-11 DETAIL, FABRICATE, AND ERECT ALUMINUM IN ACCORDANCE WITH THE ALUMINUM ASSOCIATION CONSTRUCTION MANUAL CURRENT EDITION.

S-12 ALL BOLTS, ANCHOR BOLTS, AND CONCRETE ANCHORS CONNECTING ALUMINUM SHALL BE TYPE 316 STAINLESS STEEL UON.

S-13 ALUMINUM SHALL BE ISOLATED FROM CONTACT WITH CONCRETE OR DISSIMILAR METALS.

TIMBER

T-1 ALL WOOD FRAMING MEMBERS INCLUDING, BUT NOT LIMITED TO, WALL STUDS AND JOISTS, ARE INTENDED TO ACT AS A SYSTEM AS DETAILED IN THE STRUCTURAL DRAWINGS AND ONCE CONSTRUCTION IS COMPLETE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE SAFETY AND STABILITY OF WOOD FRAMING SYSTEMS (I.E. TEMPORARY BRACING IF REQUIRED) DURING CONSRTUCTION AS A RESULT OF CONSTRUCTION METHODS AND SEQUENCES.

T-2 ALL TIMBER SHALL BE PRESSURE-TREATED SOUTHERN PINE LUMBER.

T-3 STORAGE OF ALL LUMBER AND TIMBER ON SITE SHALL BE KEPT OFF GROUND, UNDER COVER AND PROTECTED FROM DAMAGE.

T-4 ALL DIMENSIONAL LUMBER SHALL BE CERTIFIED BY THE SUPPLIER IN WRITING TO BE KILN DRIED.

T-5 STRUCTURE SHALL NOT BE ENCLOSED UNLESS LUMBER MOISTURE CONTENT HAS BEEN VERIFIED TO BE AT OR BELOW 15%. ANY SIGNS OF MOLD SHALL BE REMOVED AND TREATED IN ACCORDANCE WITH PROJECT SPECIFICATIONS OR INDUSTRY STANDARDS.

T-6 ALL LUMBER IN CONTACT WITH THE GROUND OR CONCRETE SHALL BE PRESSURE TREATED.

T-7 FASTENERS FOR PRESERVATIVE TREATED AND FIRE RETARDANT TREATED WOOD SHALL BE OF HOT DIPPED ZINC COATED GALVANIZED STEEL OR STAINLESS STEEL AND SHALL FOLLOW CURRENT SIMPSON GUIDELINES BASED ON WEATHER EXPOSURE. WHERE STAINLESS STEEL CONNECTORS OR HOT DIPPED GALVANIZED CONNECTORS ARE SPECIFIED IN THE DRAWINGS, STAINLESS STEEL OR HOT DIPPED GALVANIZED FASTENERS SHALL BE USED TO MATCH CONNECTOR TYPE.

T-8 ALL PLATES AND LEDGERS SHALL BE FASTENED WITH A MINIMUM (3) ANCHORS PER PIECE UNLESS NOTED OTHERWISE.

T-9 ALL METAL HARDWARE AND FRAMING ACCESSORIES SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY. ALL ITEMS SHALL BE INSTALLED PER THE SIMPSON'S INSTALLATION REQUIREMENTS. ALL NAIL HOLES SHALL BE FILLED WITH THE RECOMMENDED FASTENER UNLESS NOTED OTHERWISE ON THE DRAWING.

T-10 HOLES FOR BOLTS SHALL BE DRILLED WITH A BIT OF THE SAME NOMIMAL DIAMETER AS THE BOLT + 1/16". LEAD HOLES FOR LAG SCREWS SHALL BE BORED PER NDS 11.1.3.

T-11 ALL BOLTS, CARRIAGE BOLTS, LAG SCREWS, EXPANSION BOLTS AND EPOXY BOLTS SHALL BE INSTALLED WITH STANDARD CUT WASHERS UNDER THE BOLT HEAD AND NUTS THAT BEAR DIRECTLY ON THE WOOD. ALL NUTS SHALL BE TIGHTENED AT THE TIME OF INSTALLATION AND RE-TIGHTENED IF NECESSARY, DUE TO WOOD SHRINKAGE, PRIOR TO CLOSE OUT OR COMPLETION OF THE PROJECT. BOLTS AND LAG SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1. WOOD SCREWS SHALL CONFORM TO B18.6.1. ALL BOLTS SHALL CONFORM TO ASTM A307 GRADE A UNLESS NOTED OTHERWISE.

T-12 CUTTING AND NOTCHING OF SAWN LUMBER RAFTERS AND STUDS SHALL BE IN CONFORMANCE WITH THE FOLLOWING CRITERIA:

A. JOISTS — NOTCHES AT THE ENDS OF JOISTS SHALL NOT EXCEED 1/5 OF THE JOIST DEPTH. HOLES IN JOISTS SHALL NOT BE WITHIN 2 1/2 INCHES OF THE TOP OR BOTTOM OF THE JOIST, AND THE DIAMETER OF ANY SUCH HOLE SHALL NOT EXCEED 1/4 THE DEPTH OF THE JOIST. NOTCHES IN THE TOP OR BOTTOM OF THE JOISTS SHALL NOT EXCEED 1/6 THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE OF THE THIRD SPAN.

B. RAFTERS — NOTCHES AT THE ENDS OF RAFTERS OR CEILING JOISTS SHALL NOT EXCEED 1/5 OF THE DEPTH. NOTCHES IN THE TOP OR BOTTOM OF THE RAFTER OR CEILING JOIST SHALL NOT EXCEED 1/6 THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE 1/3 OF THE SPAN. EXCEPT THAT A NOTCH NOT EXCEEDING 1/3 OF THE DEPTH IS PERMITTED IN THE TOP OF THE RAFTERS OR CEILING JOIST NOT FURTHER FROM THE FACE OF THE SUPPORT THAN THE DEPTH OF THE MEMBER. HOLES BORED IN RAFTERS OR CEILING JOISTS SHALL NOT BE WITHIN 2 1/2 INCHES OF THE TOP AND BOTTOM AND THEIR DIAMETER SHALL NOT EXCEED 1/4 THE DEPTH OF THE MEMBER.

C. WALL STUDS — A MAXIMUM OF 2 1/4 DIAMETER NEATLY BORED HOLE MAY BE PLACED IN THE CENTER OF ALL BEARING 2x6 STUDS WITH NO ADDITIONAL REINFORCEMENT REQUIRED.

SPECIAL INSPECTIONS

S-1 SPECIAL INSPECTION SHALL COMPLY WITH SPECIFICATIONS.

S-2 SPECIAL INSPECTION WILL BE PERFORMED IN ACCORDANCE WITH CHAPTER 17 OF THE NYS BUILDING CODE.

S-3 SPECIAL INSPECTION WILL BE PERFORMED ON THE FOLLOWING STRUCTURAL SYSTEMS:
- A) CAST-IN-PLACE CONCRETE STRUCTURE.
- B) STEEL MICROPILES.
- C) WOOD CONSTRUCTION (BC 1704.B).
- D) CONTROLLED FILL AND STRUCTURE.

CONCRETE (EXCEPT PRECAST)

C-1 CONCRETE STRENGTH CLASSES (28-DAY COMPRESSIVE STRENGTH): CLASS A (5000 PSI) STRUCTURES, REINFORCED DUCT BANKS, AND PIPE ENCASEMENT. FOR CONCRETE WALLS GREATER THAN 2 FEET THICK FOLLOW ACI RECOMMENDATIONS FOR MASS CONCRETE. CLASS D (2500 PSI) SIDEWALKS, CURBS AND GUTTERS, CONCRETE FILL, THRUST BLOCKS, UNREINFORCED DUCT BANKS AND PIPE ENCASEMENT, FENCE POST EMBEDMENT.

C-2 REINFORCEMENT: ASTM A615, GRADE 60, OR ASTM A706, GRADE 60 WHERE REINFORCEMENT IS TO BE WELDED.

C-3 CONCRETE COVER FOR REINFORCING:
- A) SURFACES CAST AGAINST SUBGRADE 3" MIN.
- B) FORMED SURFACES IN CONTACT WITH SOIL OR LIQUID 2" MIN.
- C) SURFACES NOT IN CONTACT WITH WEATHER, SOIL, OR LIQUID 1 1/2" MIN.

C-4 CONSTRUCTION JOINTS & CONTROL JOINTS SHALL BE LOCATED AS SHOWN ON THE DRAWINGS. WHERE NOT SHOWN, CONSTRUCTION JOINTS SHALL BE LOCATED AT NO MORE THAN 30 FEET ON CENTER. JOINT LOCATIONS SHALL BE AS APPROVED BY THE ENGINEER.

C-5 EQUIPMENT SUPPORTS, ANCHORAGES, OPENINGS, RECESSES AND REVEALS NOT SHOWN ON THE STRUCTURAL DRAWINGS BUT REQUIRED BY OTHER DISCIPLINES, SHALL BE PROVIDED FOR PRIOR TO PLACING CONCRETE.

C-6 SPLICES SHALL BE CLASS 'B' CONFORMING TO THE PROVISIONS OF ACI 318 UNLESS NOTED OTHERWISE.

C-7 AT ALL TYPICAL CURBS, EQUIPMENT PADS, AND PIPE SUPPORT PIERS, REINFORCING DOWELS SHOWN MAY BE REPLACED WITH MATCHING DOWELS SET IN EPOXY IN DRILLED HOLES AS SPECIFIED. DOWELS LOCATED CLOSER THAN 3" FROM ANY EDGE OF CONCRETE SHALL NOT BE REPLACED WITH DRILLED DOWELS.

C-8 DRILLED EPOXY DOWELS (WHERE DOWELS ARE SHOWN TO BE PLACED INTO HARDENED CONCRETE):
- A) THE HOLE DIAMETER SHALL BE NO LARGER THAN 1/8" GREATER THAN THE DIAMETER OF THE REINFORCING BAR AT THE DEFORMATIONS.
- B) THE DEPTH OF EMBEDMENT SHALL BE 12 BAR DIAMETERS, UNLESS SHOWN OTHERWISE.
- C) ADJUST THE DOWEL LOCATIONS AS NEEDED TO AVOID DRILLING THROUGH ANY REINFORCING BARS.IF THE DOWEL LOCATION NEEDS TO BE MODIFIED, CONTACT THE ENGINEER.

C-9 SLABS WITH SLOPING SURFACES SHALL HAVE THE INDICATED SLAB THICKNESS MAINTAINED AS THE MINIMUM. SLAB BOTTOMS CAN EITHER SLOPE WITH THE TOP SURFACE OR BE LEVEL. REINFORCEMENT IN SLABS WITH SLOPING SURFACES SHALL BE PLACED AT THE REQUIRED CLEARANCE FROM THE SLAB SURFACE.

C-10 SLOPES SHOWN ON SLAB SURFACES BY FLOW ARROWS SHALL BE 1.0 PERCENT UNLESS NOTED OTHERWISE.

C-11 WHERE HORIZONTAL CONSTRUCTION JOINTS, LOCATED ABOVE THE FOUNDATION SLAB, EXTEND BEYOND WHERE NEEDED, THEY SHALL BE TERMINATED AT A VERTICAL CONSTRUCTION JOINT APPROVED BY THE ENGINEER.

C-12 DOWELS, ANCHOR BOLTS, PIPES, WATERSTOPS AND OTHER EMBEDDED ITEMS SHALL BE HELD SECURELY IN POSITION WHILE CONCRETE IS BEING PLACED.

C-13 CONDUITS AND OTHER SIMILAR ITEMS EMBEDDED IN OR PENETRATING THROUGH CONCRETE SHALL BE SPACED ON CENTER NOT LESS THAN 3 TIMES THEIR OUTSIDE DIMENSION, BUT NOT LESS THAN 2 1/2" CLEAR IN CLASS 45F CONCRETE OR 2" CLEAR IN CLASS 45 CONCRETE. SUCH ITEMS SHALL NOT EXCEED 1/3 OF THE MEMBER THICKNESS.

C-14 REINFORCING BARS AND ACCESSORIES SHALL NOT BE IN CONTACT WITH ANY METAL PIPE, PIPE FLANGE, METAL CONDUIT, OR OTHER METAL PARTS EMBEDDED IN CONCRETE. A MINIMUM CLEARANCE OF 2 INCHES SHALL BE PROVIDED.

C-15 ALL JOINTS WHICH ARE IN MEMBERS IN CONTACT WITH LIQUID OR BELOW GRADE SHALL HAVE A WATERSTOP. CONSTRUCTION JOINTS SHALL HAVE A 6" PVC FLATSTRIP WATERSTOP. EXPANSION JOINTS SHALL HAVE A 9" PVC CENTERBULB WATERSTOP.

C-16 IN VERTICAL JOINTS, WATERSTOP SHALL STOP NO LESS THAN 18" ABOVE THE MAXIMUM WATER SURFACE OR 18" ABOVE GRADE, WHICHEVER IS HIGHER.

C-17 AT JOINT INTERSECTIONS, WATERSTOPS SHALL BE CONNECTED SO AS TO FORM A COMPLETE SEAL USING CONNECTION PIECES AS NEEDED.

C-18 ALL EXPOSED CORNERS SHALL HAVE A 3/4" CHAMFER OR A 1/2" RADIUS TOOLED CORNER.

DEMOLITION

LEGEND

EXISTING REINFORCED CONCRETE WALL OR STRUCTURE TO BE DEMOLISHED

SAW CUT LINE – FULL DEPTH UNLESS NOTED OTHERWISE

D-1 CONTRACTOR IS ALERTED THAT LIMITS OF DEMOLITION SHOWN IS APPROXIMATE. ACTUAL LIMITS SHALL BE THE MINIMUM REQUIRED FOR NEW STRUCTURE. CONTRACTOR TO CO-ORDINATE AND SUBMIT DEMOLITION PROCEDURE PER SPECIFICATIONS.

D-2 ALL ITEMS SHOWN ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.

D-3 FOR ADDITIONAL DEMOLITION NOT SHOWN SEE G, A, M, E, H AND P DRAWINGS.

D-4 FOR ADDITIONAL DEMOLITION REQUIREMENTS SEE SPECIFICATIONS (024116).

D-5 ALL EXISTING CONCRETE TO BE DEMOLISHED IS STEEL REINFORCED UNLESS NOTED OTHERWISE. REINFORCING STEEL NOT SHOWN FOR CLARITY.

D-6 ALL DEMOLITION DEBRIS SHALL BE REMOVED OFFSITE, UNLESS ENGINEER APPROVED OTHERWISE.

PILE NOTES

P-1 PILES SHALL BE DESIGNED AND INSTALLED BY A QUALIFIED PILE CONTRACTOR IN ACCORDANCE WITH THE BORED-IN PILE SPECIFICATIONS AND SUBJECT TO THE REQUIREMENTS LISTED HEREIN.

P-2 THE CONTRACTOR SHALL ENGAGE A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK TO DESIGN PILE AND SUBMIT THE DESIGN TO THE ENGINEER FOR APPROVAL.

P-3 THE BORED-IN PILE SHALL BE 10 INCHES IN DIAMETER AND DESIGNED AND INSTALLED FOR
- ULTIMATE LOAD IN COMPRESSION = 60 TONS
- ALLOWABLE LOAD IN COMPRESSION = 30 TONS

P-4 ALL BORED-IN PILES SHALL BE GROUTED WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.

P-5 ALL BORED-IN PILES SHALL HAVE FULL LENGTH 1-1/4" Ø THREADBARS. THE THREADBARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A722, GRADE 150 AS MANUFACTURED BY DYWIDAG OR APPROVED EQUAL, UNLESS NOTED OTHERWISE. PROVIDE BEARING PLATES AND NUTS IN ACCORDANCE WITH THE THREADBAR MANUFACTURER'S RECOMMENDATIONS.

P-6 PROVIDE CENTRALIZERS FOR THREADBARS AT 10 FEET MAXIMUM VERTICAL SPACING.

P-7 CUT OFF THE ELEVATIONS OF THE BORED-IN PILES AS SHOWN ON DRAWINGS.

P-8 ALL BORED-IN PILES SHALL BE INSTALLED WITH A MAXIMUM LATERAL TOLERANCE OF THREE INCHES.

P-9 DRILLING OPERATION SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER.

P-10 ONE (1) STATIC AXIAL COMPRESSION LOAD TEST WILL BE REQUIRED.

P-11 THE INSTALLATION METHOD USED FOR THE SUCCESSFUL COMPLETION OF LOAD TESTING SHALL BE USED FOR ALL THE PRODUCTION PILES.

P-12 THE CONTRACTOR SHALL SUBMIT A STATIC AXIAL LOAD TESTING PROGRAM CONSISTING OF ONE (1) COMPRESSION TEST AND ONE (1) TENSION TEST SHOWING PROPOSED PILE LOAD TEST LOCATIONS FOR APPROVAL OF THE ENGINEER.

P-13 COMPRESSION LOAD TESTING SHALL CONFORM TO ASTM D1143 AND THE PROJECT SPECIFICATIONS. UPLIFT LOAD TESTING SHALL CONFORM TO THE PROJECT SPECIFICATIONS AND ASTM D3689.

P-14 A MINIMUM PERIOD OF TWO (2) WEEKS SHALL ELAPSE FROM THE INSTALLATION OF THE TEST PILE TO THE COMMENCEMENT OF THE LOAD TEST.

P-15 TWO (2) TELLTALE RODS SHALL BE INSTALLED IN THE LOAD TEST PILE. THE BOTTOM END OF ONE TELLTALE ROD SHALL BE AT THE BOTTOM OF THE TEST PILE, AND THE BOTTOM END OF THE OTHER ROD SHALL BE TERMINATED MIDWAY BETWEEN PILE CUT-OFF AND PILE TIP. THE TELLTALE SHALL CONSIST OF A STEEL SOUNDING ROD EXTENDED TO AN ELEVATION DESIGNATED BY THE ENGINEER. THE TELLTALES SHALL BE PROTECTED BY A STEEL TUBE EMBEDDED IN GROUT. THE TELLTALE SHALL BE CENTERED IN THE TUBE IN A MANNER TO AVOID FRICTION BETWEEN THE TELLTALE AND THE TUBE.

P-16 THE LOADING PROCEDURE FOR STATIC AXIAL COMPRESSION TEST SHALL BE IN ACCORDANCE WITH NEW YORK STATE BUILDING CODE.

P-17 MEASUREMENTS OF MOVEMENT OF THE PILE BUTT, TELLTALES, REFERENCE BEAMS, ETC. SHALL BE TAKEN BY LICENSED SURVEYOR (REGISTERED IN THE STATE OF NEW YORK) ENGAGED BY THE OWNER.

P-18 MONITORING OF LOAD TEST SHALL BE PERFORMED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK AND HIRED BY THE OWNER.

P-19 THE DIAL GAUGES FOR MONITORING THE MOVEMENT OF THE PILE SHALL HAVE A MINIMUM TRAVEL OF THREE (3) INCHES AND SHALL BE AT LEAST THREE (3) INCHES IN DIAMETER.

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Rev#:
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CONSULTANT INFORMATION

Savin Engineers, P.C.

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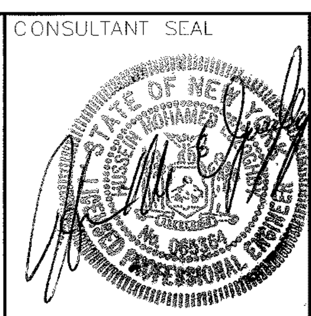

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
STRUCTURAL NOTES

CONTRACT NUMBER: **20-501**
SHEET NUMBER: **RCX-S-01**
DWG NO.: Page 164 of 387
SCALE: **AS SHOWN**
DATE: **SEPTEMBER 2020**
DPW FILE NUMBER: 1-118-S-164
REV. NO. **0**

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STRUCTURAL ABBREVIATIONS

AB	ANCHOR BOLT
ADDL	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJUSTABLE/ADJACENT
AFF	ABOVE FINISHED FLOOR
AGG	AGGREGATE
AL	ALUMINUM
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
AVG	AVERAGE
B	BORING
BLDG	BUILDING
BM	BEAM/BENCH MARK
BOF	BOTTOM OF FOOTING
BOS	BOTTOM OF STEEL
BOT	BOTTOM
BRG	BEARING
BT	BOLT
C	CHANNEL
C TO C	CENTER TO CENTER
CANT	CANTILEVER
CJ	CONSTRUCTION JOINT
CL	CENTER LINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CP	CONCRETE PLANK
CLJ	CONTROL JOINT
CTR	CENTER
CY	CUBIC YARD
DET	DETAIL
DIA (ø)	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DIST	DISTANCE
DN	DOWN
DO	DITTO
DP	DEEP
DWG	DRAWING
DWL	DOWEL
E	EAST
EA	EACH
EF	EACH FACE
EL	ELEVATION
ELEV	ELEVATOR
ENGR	ENGINEER
EMB	EMBEDMENT
ENCL	ENCLOSURE
ENT	ENTRANCE
EQ	EQUAL
EQPT	EQUIPMENT
EW	EACH WAY
EXIST	EXISTING
EXP	EXPANSION
EXP JT	EXPANSION JOINT
EXT	EXTERIOR
FAB	FABRICATE
FD	FLOOR DRAIN
FDN	FOUNDATION
FFL	FINISH FLOOR
FIN	FINISH
FLR	FLOOR
FT	FEET
FTG	FOOTING
F&C	FRAME&COVER
F&G	FRAME&GRATE

GA	GAUGE
GALV	GALVANIZE
GB	GRADE BEAM
GR	GRADE
GRTG	GRATING
HGT	HEIGHT
HORZ	HORIZONTAL
HP	HIGH POINT
HSS	HOLLOW STRUCTURAL STEEL
ID	INSIDE DIAMETER
IF	INSIDE FACE
IN	INCH
INCL	INCLUDE
INT	INTERIOR
INV	INVERT
J	JOIST
JB	JUNCTION BOX
JCT	JUNCTION
JT	JOINT
L	LENGTH/ANGLE
LF	LINEAR FEET
LG	LONG
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION
LP	LOW POINT
LVR	LOUVER
LWL	LOW WATER LEVEL
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MET	METAL
MFR	MANUFACTURER
MG	MILLION GALLONS
MGD	MILLION GALLONS PER DAY
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MOD	MODIFY/MODIFIED
MTD	MOUNTED
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OPNG	OPENING
OPP	OPPOSITE
OT	OPEN TRUSS
OVHD	OVERHEAD
PAR	PARALLEL
PC	POINT OF CURVE/PIECE
PCO	PILE CUT OFF
PI	POINT OF INTERSECTION
PL	PLATE/PROPERTY LINE
PREFAB	PREFABRICATED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PTN	PARTITION
PVMT	PAVEMENT
QTY	QUANTITY

R	RISER
RAD	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REINF	REINFORCEMENT
RECT	RECTANGULAR
REM	REMOVE
REQD	REQUIRED
RF	ROOF
RO	ROUGH OPENING
S	SOUTH
SCHED	SCHEDULE
SECT	SECTION
SF	SQUARE FEET
SHT	SHEET
SIM	SIMILAR
SJ	STEEL JOIST
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STA	STATION
STD	STANDARD
STR	STAIR
STIF	STIFFENER
STIR	STIRRUP
STL	STEEL
STRUC	STRUCTURAL
SUB	SUBSTITUTE
SYM	SYMMETRICAL
T	TREAD
T&B	TOP AND BOTTOM
T&G	TOUNGE AND GROOVE
TAN	TANGENT
TEMP	TEMPERATURE
THK	THICK
TOC	TOP OF CURB/CONCRETE
TOD	TOP OF DECK
TOF	TOP OF FOOTING
TOM	TOP OF MASONRY/MANHOLE
TOS	TOP OF SLAB/STEEL
TOW	TOP OF WALL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
W	WEST/WIDTH/WIDE FLANGE
W/	WITH
W/O	WITHOUT
WL	WATER LEVEL
WP	WATERPROOF/WALL PIPE
WPT	WALL PENETRATING TYPE
WS	WATER SURFACE
WT	WEIGHT
WWF	WELDED WIRE FABRIC
YD	YARD
YR	YEAR

SYMBOLS

- UNDISTURBED EARTH
- COMPACTED BACKFILL
- SELECT GRANULAR FILL MATERIAL
- CONCRETE BLOCK
- BRICK
- FINISHED WOOD
- CONCRETE
- ROUGH WOOD
- RIGID INSULATION
- REINFORCED STEEL IN CONCRETE
- WELDED WIRE FABRIC
- BLANKET INSULATION
- STEEL
- DENOTES MOMENT CONNECTION

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK — MICHAEL J. SAVIN — No. 065920 — LICENSED PROFESSIONAL ENGINEER

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
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INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
STRUCTURAL ABBREVIATIONS AND SYMBOLS

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SHEET NUMBER	RCX-S-02
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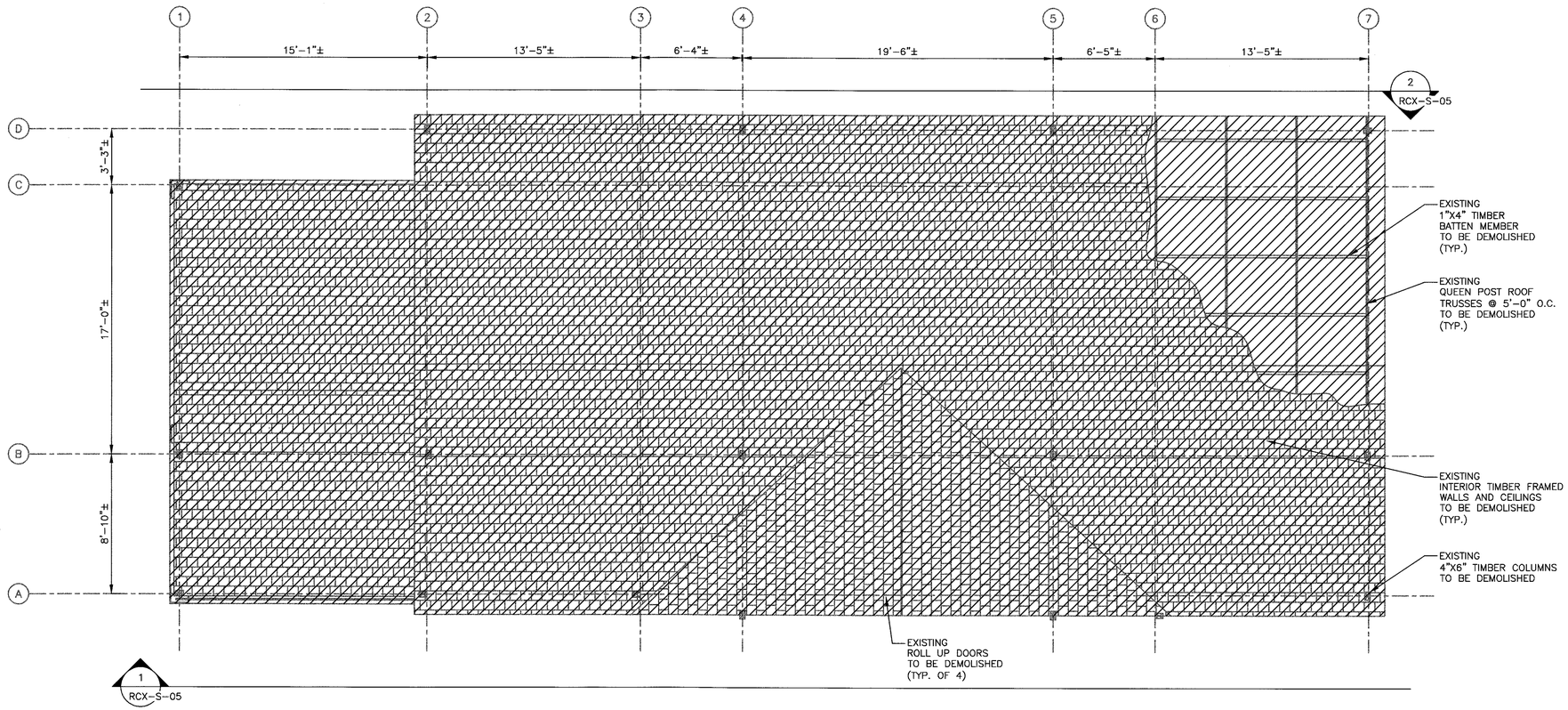

ROOF DEMOLITION PLAN
1/4" = 1'-0"

NOTES:

1. COORDINATE WITH ALL EXISTING UTILITIES (NOT SHOWN) PRIOR TO DEMOLITION.
2. FOR HAZARDOUS MATERIAL REMOVAL (PRIOR TO DEMOLITION) SEE H-DRAWINGS

0 4' 8'
SCALE: 1/4" = 1'-0"

CONSULTANT INFORMATION

Savin Engineers, P.C.

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STATE OF NEW YORK · MICHAEL J. MURPHY · No. 085884 · PROFESSIONAL ENGINEER

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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
DEMOLITION - ROOF PLAN

CONTRACT NUMBER	SHEET NUMBER
20-501	RCX-S-03

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DPW FILE NUMBER 1-118-S-166 REV. NO. 0

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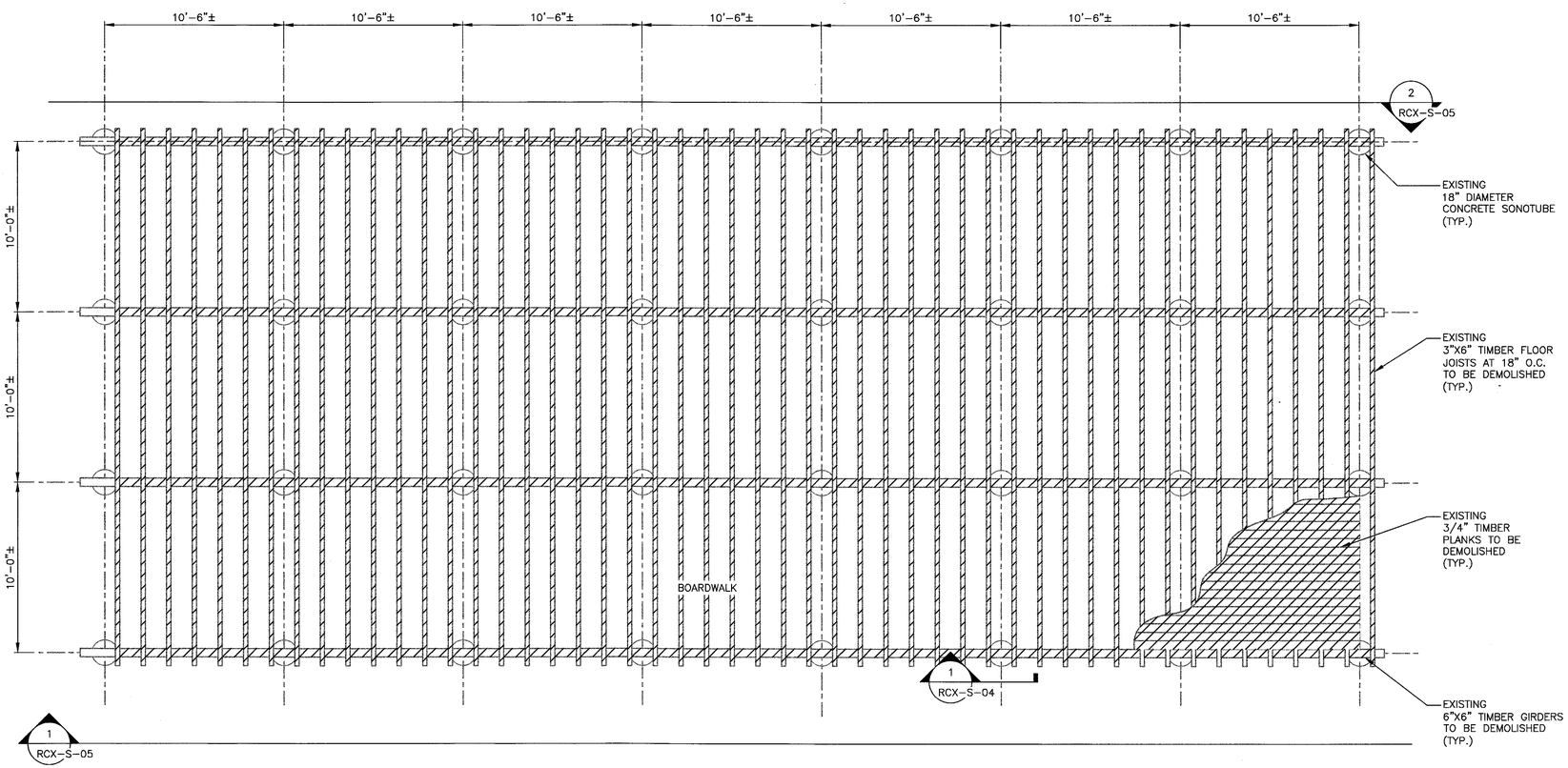
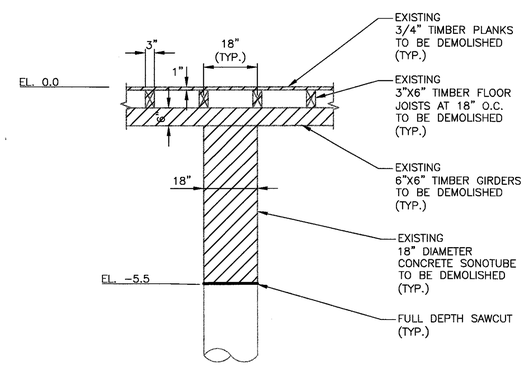


FIRST FLOOR/FOUNDATION DEMOLITION PLAN
1/4" = 1'-0"



1 RCX-S-04 SECTION
1/2" = 1'-0"

NOTES:

1. COORDINATE WITH ALL EXISTING UTILITIES (NOT SHOWN) PRIOR TO DEMOLITION.
2. FOR HAZARDOUS MATERIAL REMOVAL (PRIOR TO DEMOLITION) SEE H-DRAWINGS

0 4' 8'
SCALE: 1/4" = 1'-0"
0 2' 4'
SCALE: 1/2" = 1'-0"

CONSULTANT INFORMATION
Savin Engineers, P.C.

CONSULTANT SEAL
STATE OF NEW YORK · MICHAEL BOHAMER · No. 085384 · PROFESSIONAL ENGINEER

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TITLE DATE

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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
DEMOLITION - FIRST FLOOR/FOUNDATION PLAN

CONTRACT NUMBER	SHEET NUMBER
20-501	RCX-S-04

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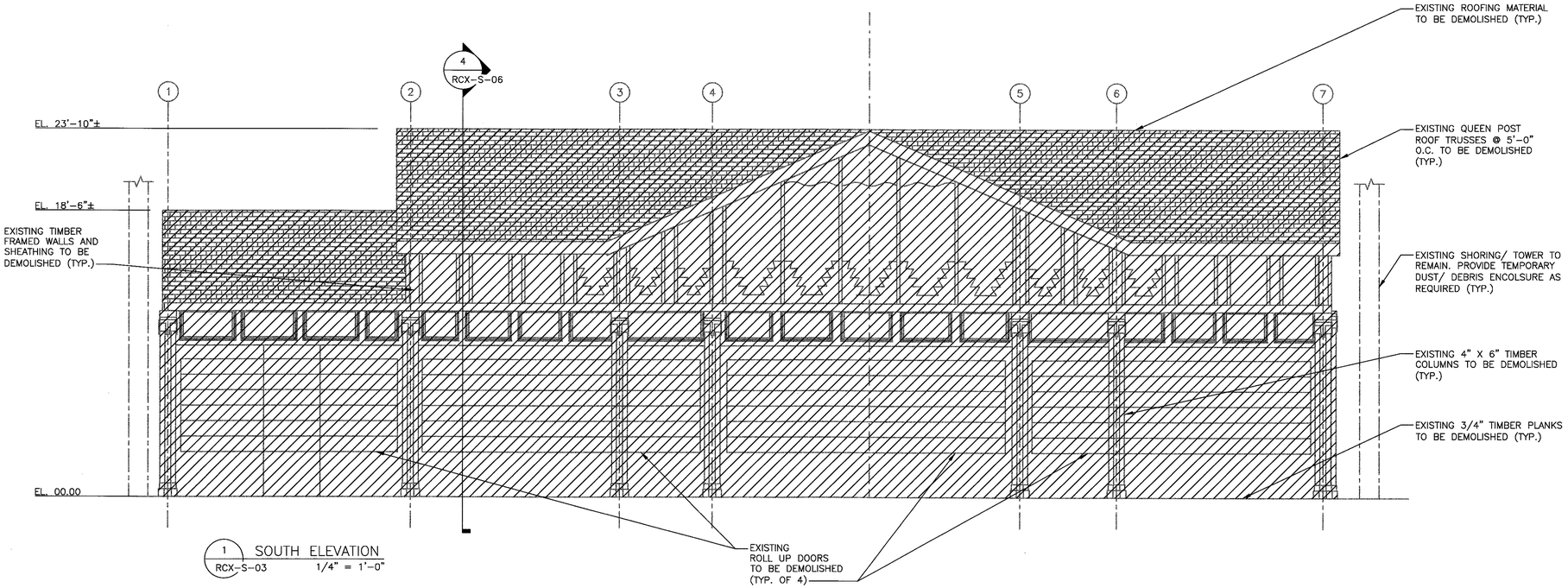
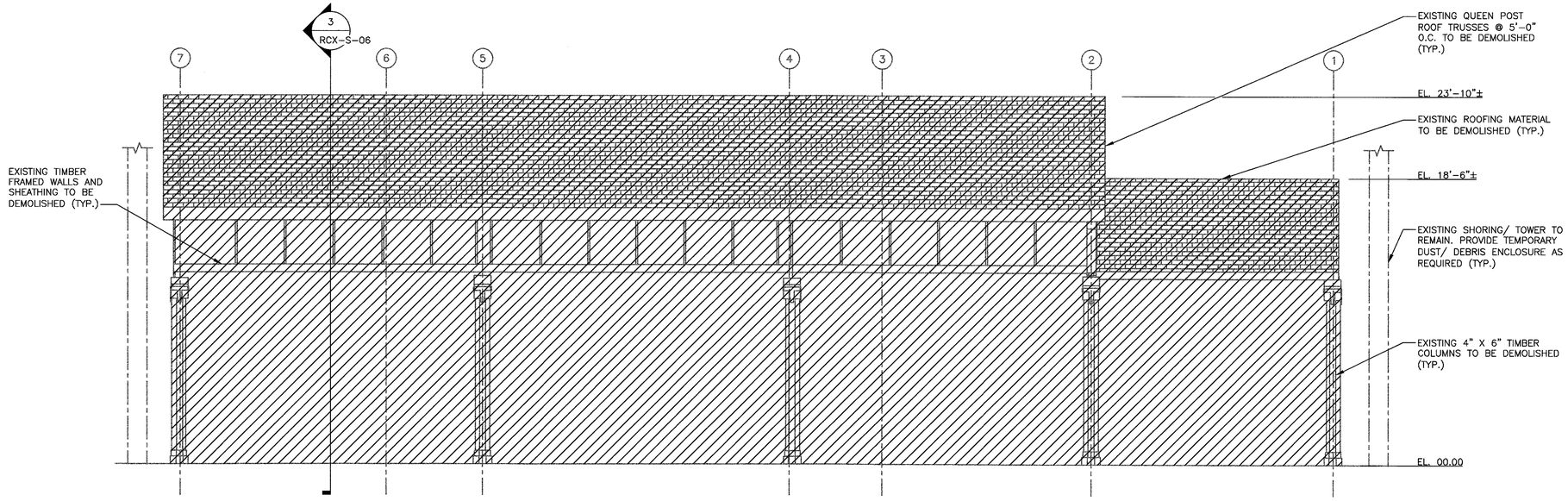


1 SOUTH ELEVATION
RCX-S-03 1/4" = 1'-0"



2 NORTH ELEVATION
RCX-S-03 1/4" = 1'-0"

0 4' 8'
SCALE: 1/4" = 1'-0"

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK · LICENSED PROFESSIONAL ENGINEER · No. 063352

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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
DEMOLITION - BUILDING ELEVATIONS - NORTH AND SOUTH

CONTRACT NUMBER	SHEET NUMBER
20-501	RCX-S-05

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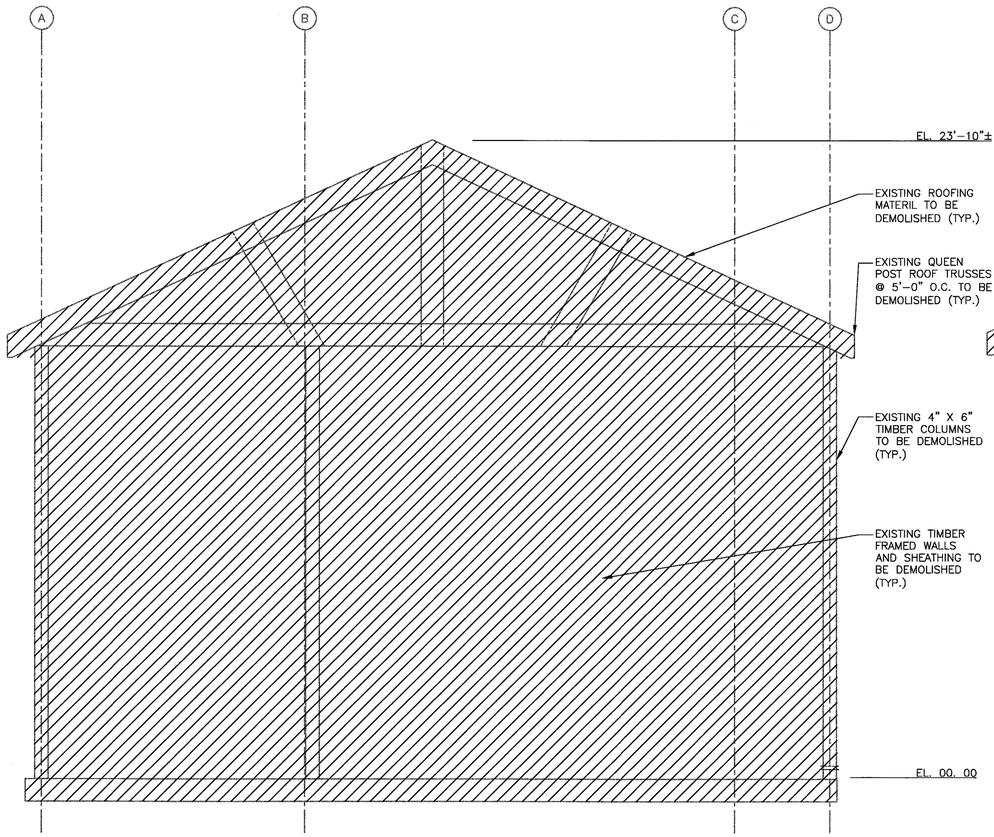
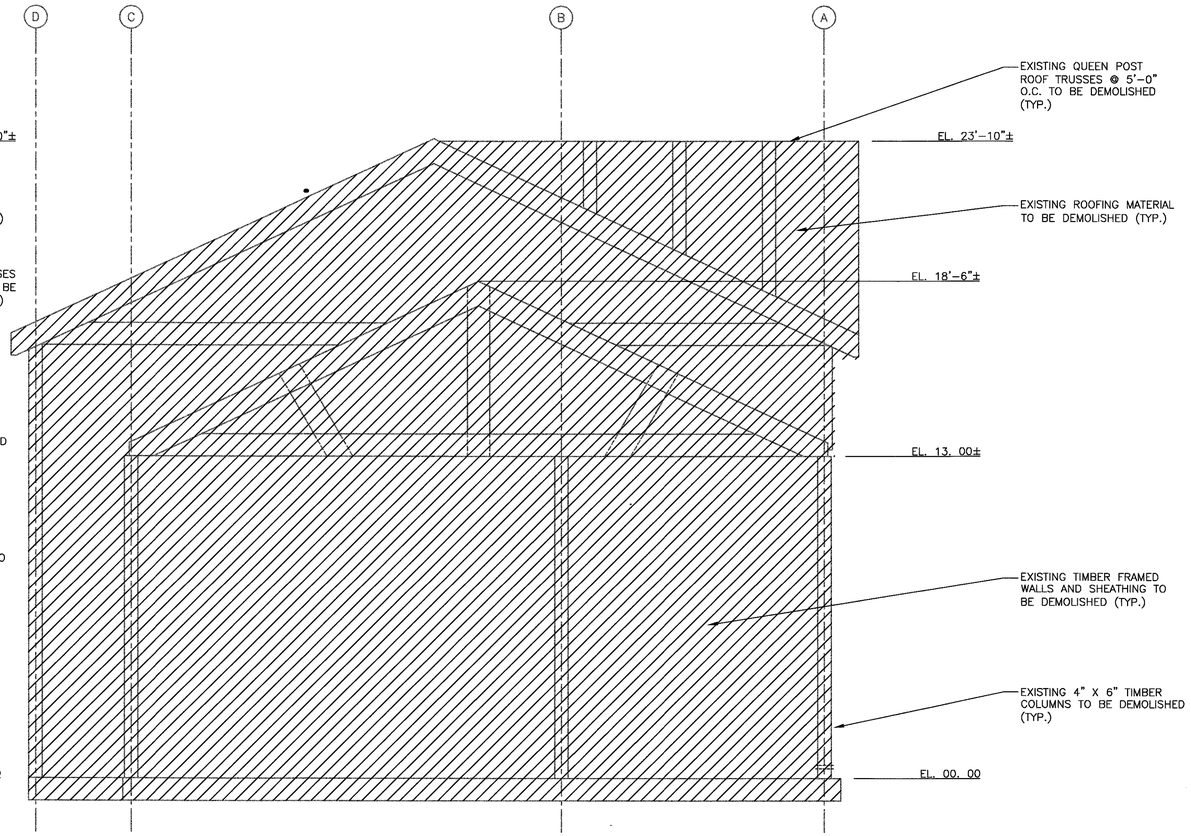


3 WEST ELEVATION
RCX-S-05 3/8" = 1'-0"



4 EAST ELEVATION
RCX-S-05 3/8" = 1'-0"

0 2' 4'
SCALE: 3/8" = 1'-0"

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK
PETER J. SAVIN
No. 065324
LICENSED
PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
DEMOLITION BUILDING ELEVATIONS - EAST AND WEST

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-S-06
DWG NO.:	Page 169 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-S-169
REV. NO.	0

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Plotted by: Peter Savin Date: 24 September 2020 5:10 AM Designed by: ----
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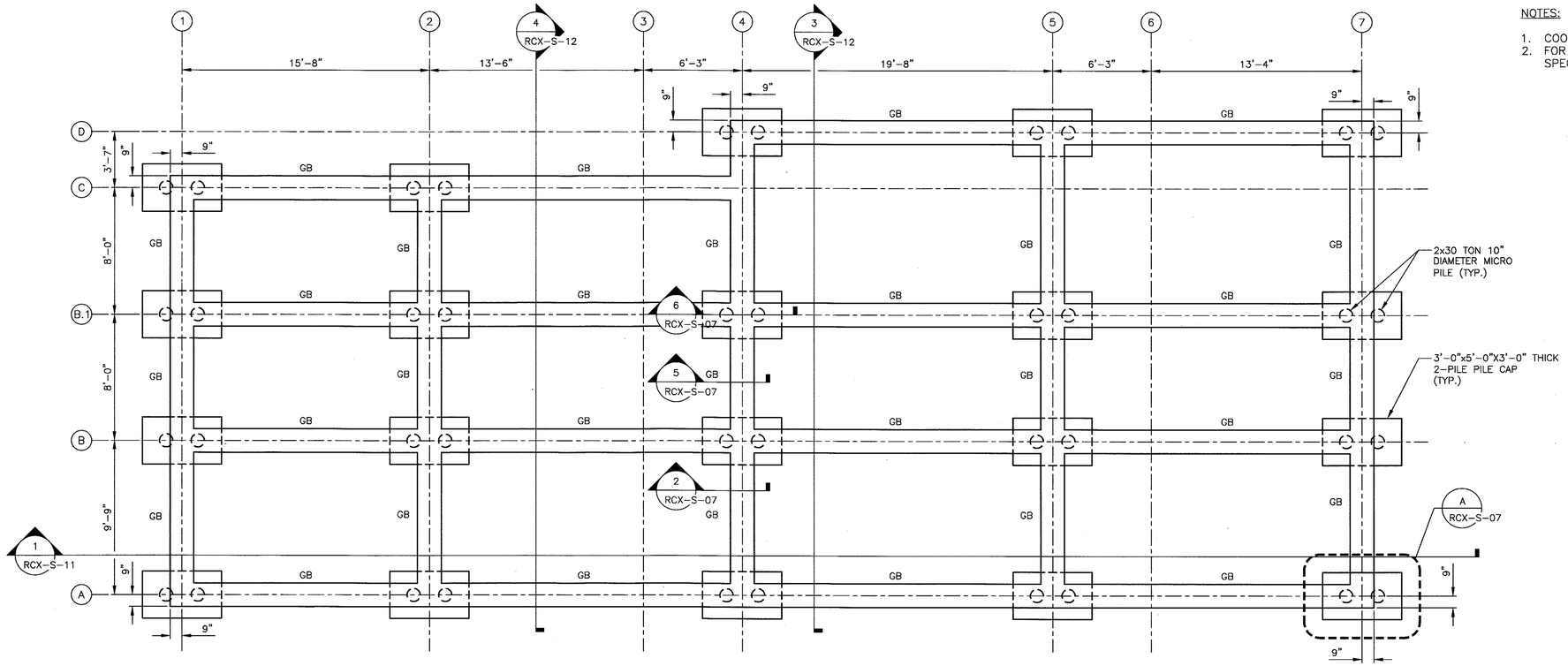
NOTES:

1. COORDINATE DIMENSIONS WITH A– DRAWINGS.
2. FOR MORE INFORMATION ABOUT PILES SEE SPECIFICATION 31 62 15 – DRILLED MICROPILES.

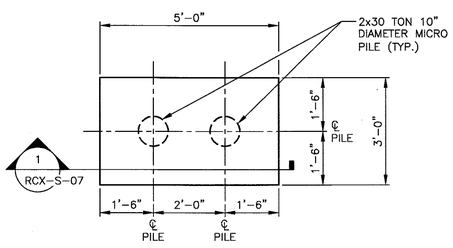


FOUNDATION PLAN
1/4" = 1'–0"

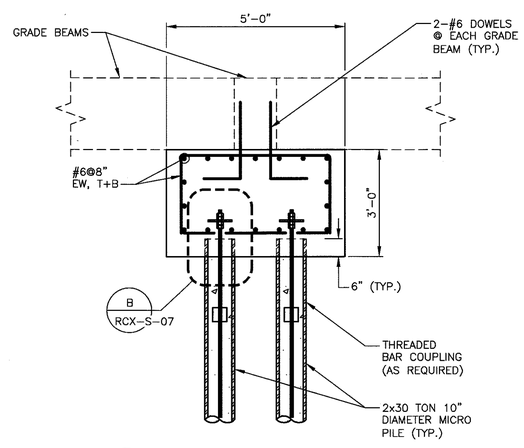
SCALE: 1/4" = 1'–0"

SCALE: 1/2" = 1'–0"

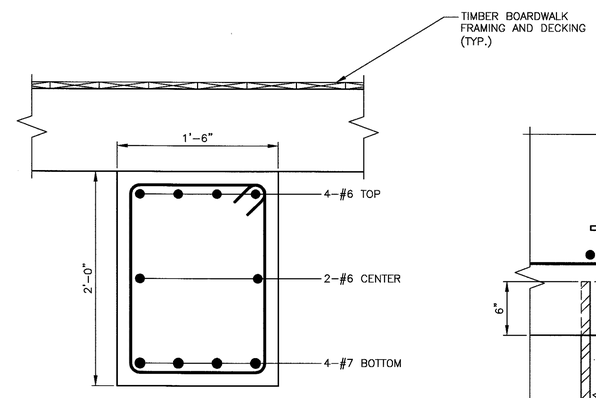
SCALE: 1 1/2" = 1'–0"



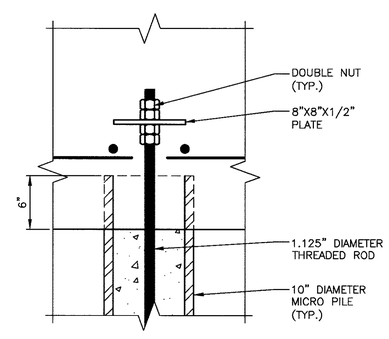
A PILE CAP PLAN
RCX–S–07 1/2" = 1'–0"



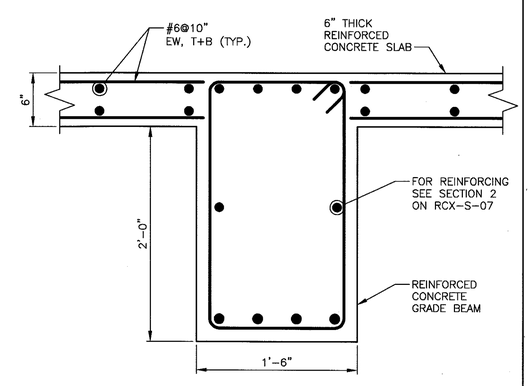
6 PILE CAP SECTION
RCX–S–07 1/2" = 1'–0"



2 TYPICAL GRADE BEAM SECTION
RCX–S–07 1 1/2" = 1'–0"



B TYPICAL PILE HEAD DETAIL
RCX–S–07 SCALE: 1 1/2" = 1'–0"



5 SECTION
RCX–S–07 1 1/2" = 1'–0"

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK — JOSEPH SCHIMMEL — 095394 — LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
FOUNDATION PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-S-07
DWG NO.:	Page 170 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-S-170
REV. NO.	0

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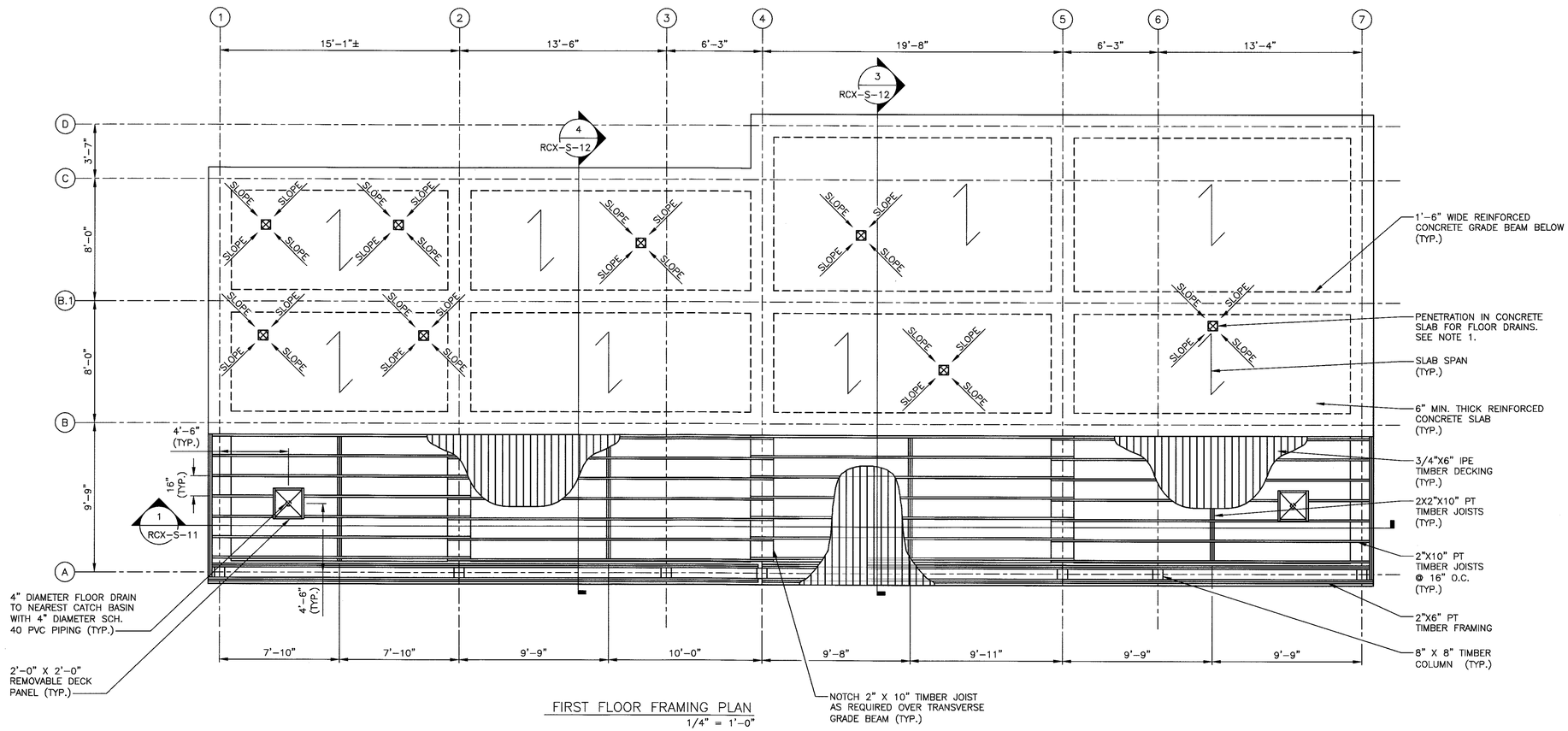

FIRST FLOOR FRAMING PLAN
1/4" = 1'-0"

NOTES:

1. COORDINATE LOCATION OF FLOOR DRAINS WITH FINAL APPROVED PIPING AND CONCRETE GRADE BEAM LAYOUTS.
2. COORDINATE DIMENSIONS AND LAYOUT WITH A-DRAWINGS.

0 4' 8'
SCALE: 1/4" = 1'-0"

CONSULTANT INFORMATION
Savin Engineers, P.C.

CONSULTANT SEAL
STATE OF NEW YORK
MICHAEL J. BRAMMER
No. 063351
LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
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TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
FIRST FLOOR FRAMING PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-S-08
DWG NO.:	Page 171 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-S-171
REV. NO.	0

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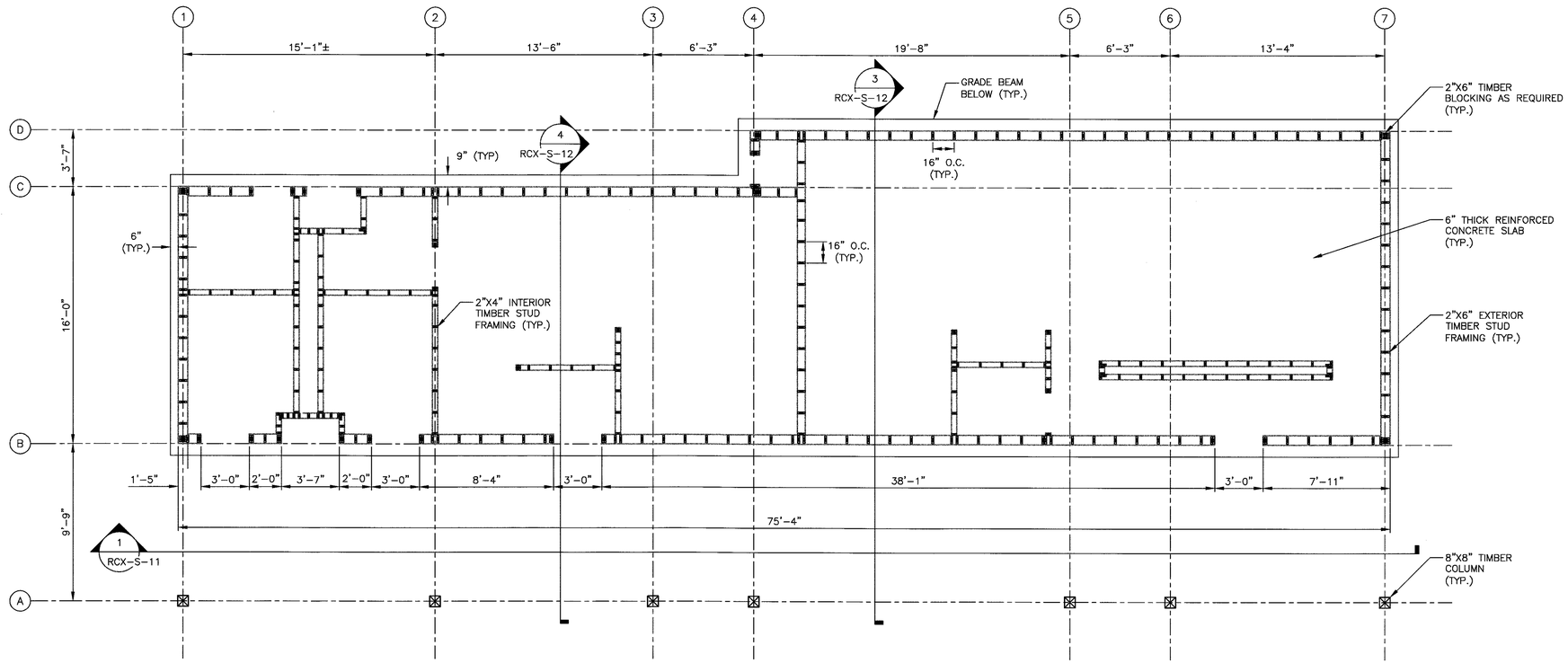

FIRST FLOOR WALL FRAMING PLAN
1/4" = 1'-0"

NOTES:

1. COORDINATE DIMENSIONS AND LAYOUT WITH A-DRAWINGS.

0 4' 8'
SCALE: 1/4" = 1'-0"

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK
LICENSED PROFESSIONAL ENGINEER

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TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
FIRST FLOOR WALL FRAMING PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-S-09
DWG NO.:	Page 172 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-S-172
REV. NO.	0

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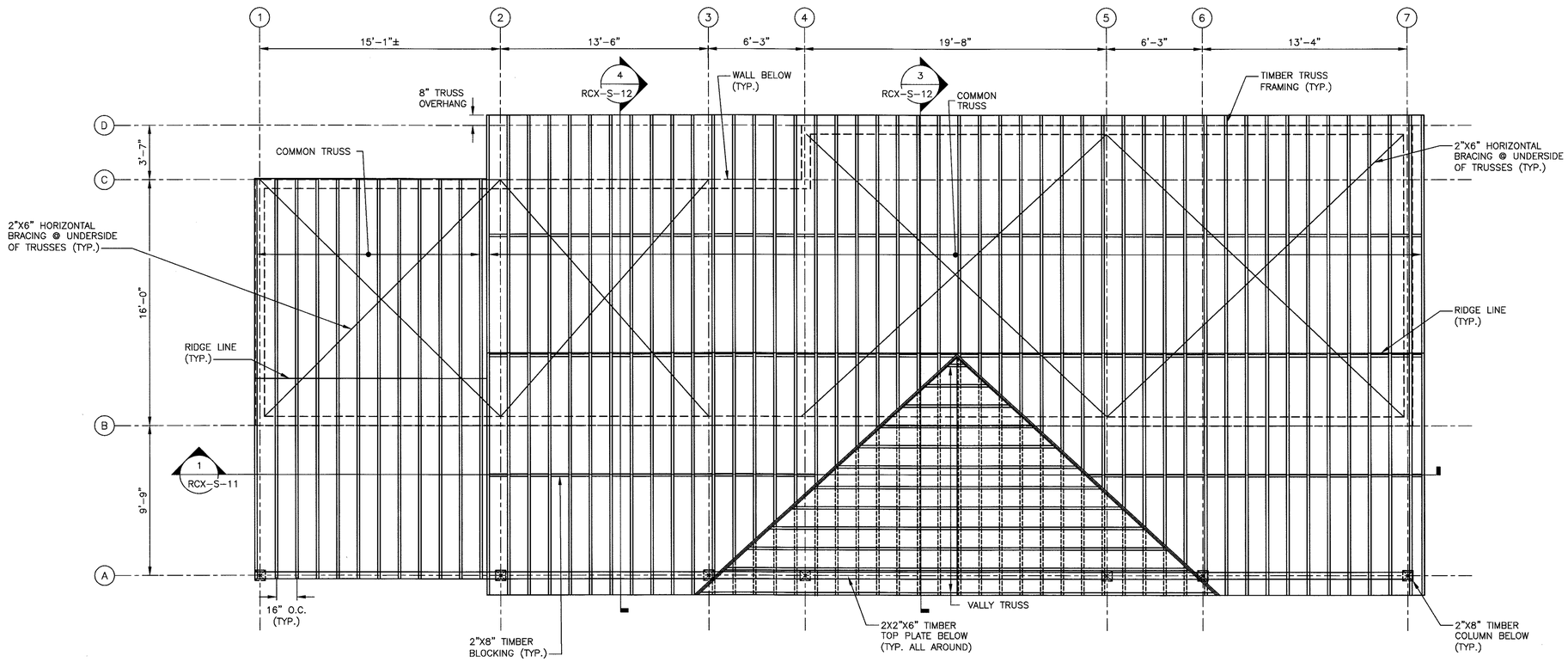

ROOF FRAMING PLAN
1/4" = 1'-0"

NOTES:

1. ALL TIMBER TRUSSES SHALL BE PRE-ENGINEERED AND DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK. REFER TO SPECIFICATION 06 17 53.
2. COORDINATE DIMENSIONS AND LAYOUT WITH A-DRAWINGS.

0 4' 8'
SCALE: 1/4" = 1'-0"

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CONSULTANT INFORMATION
Savin Engineers, P.C.

CONSULTANT SEAL
STATE OF NEW YORK
REGISTERED PROFESSIONAL ENGINEER

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CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
ROOF FRAMING PLAN

CONTRACT NUMBER 20-501
SHEET NUMBER RCX-S-10
DWG NO.: Page 173 of 387
SCALE: AS SHOWN
DATE: SEPTEMBER 2020
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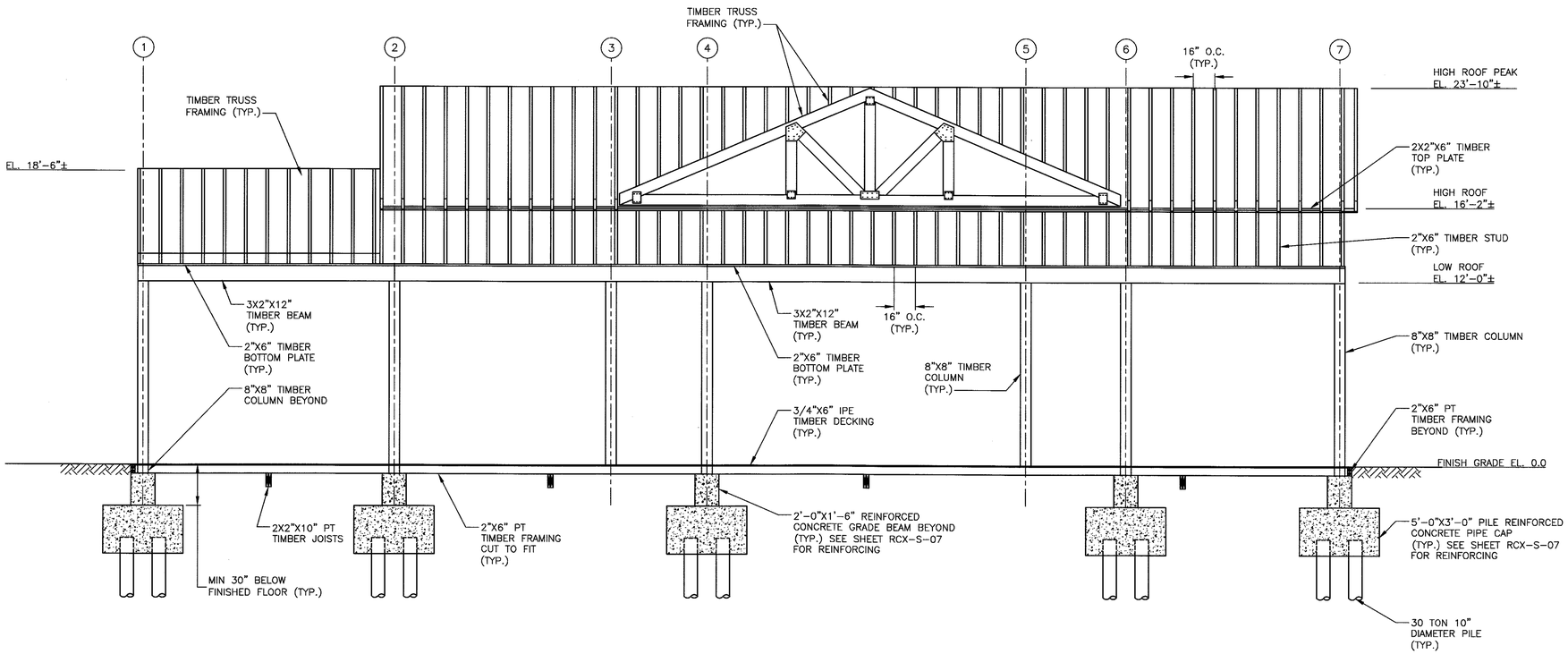

1 SECTION
RCX-S-08 1/4" = 1'-0"

1
RCX-S-09

1
RCX-S-10

NOTES:

1. ALL TIMBER TRUSSES SHALL BE PRE-ENGINEERED AND DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK. REFER TO SPECIFICATION 06 17 53.
2. COORDINATE DIMENSIONS AND LAYOUT WITH A-DRAWINGS.

0 4' 8'
SCALE: 1/4" = 1'-0"

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CONSULTANT INFORMATION
Savin Engineers, P.C.

CONSULTANT SEAL

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
SECTIONS

CONTRACT NUMBER 20-501
SHEET NUMBER RCX-S-11
DWG NO.: Page 174 of 387
SCALE: AS SHOWN
DATE: SEPTEMBER 2020
DPW FILE NUMBER 1-118-S-174
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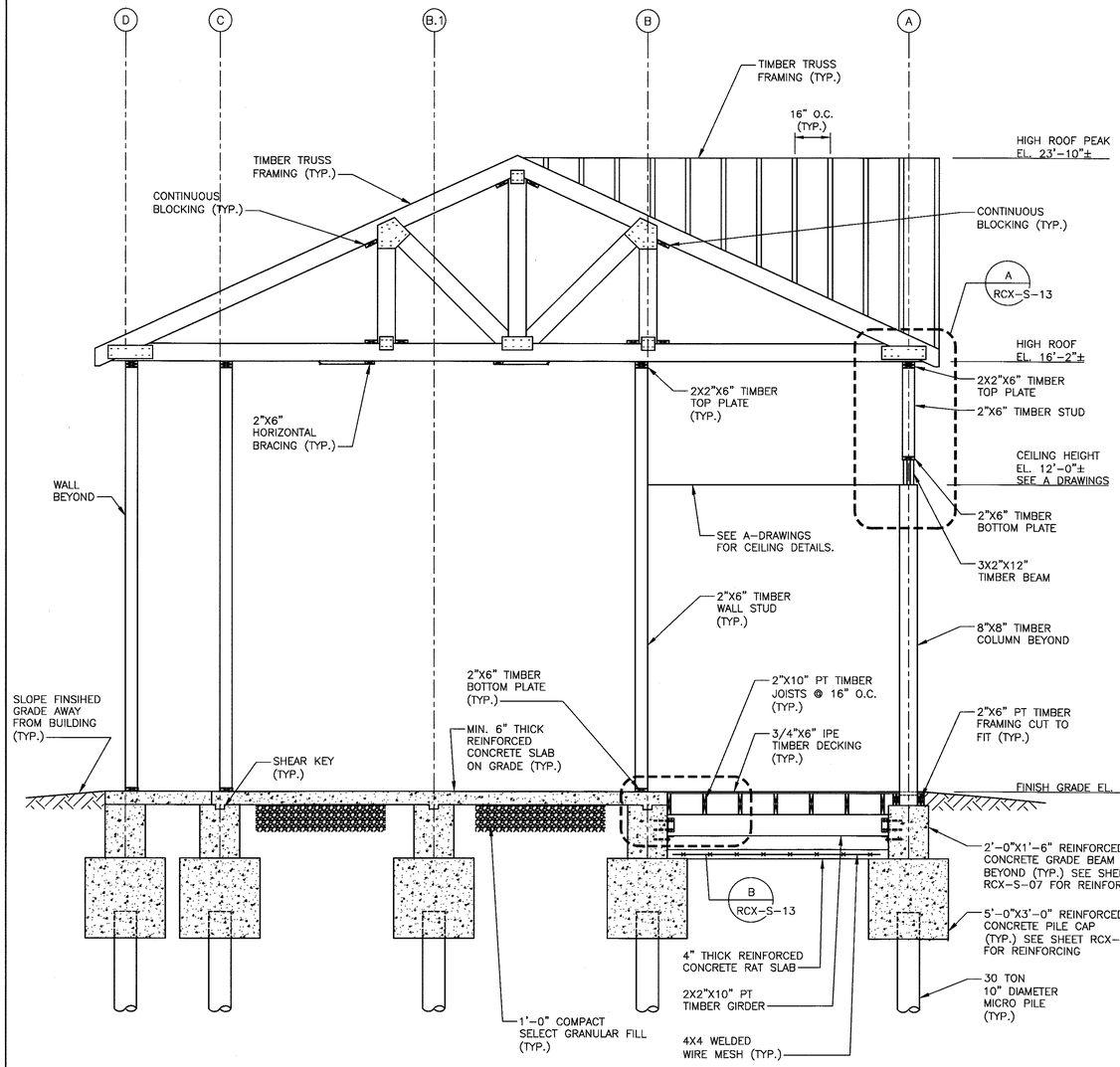
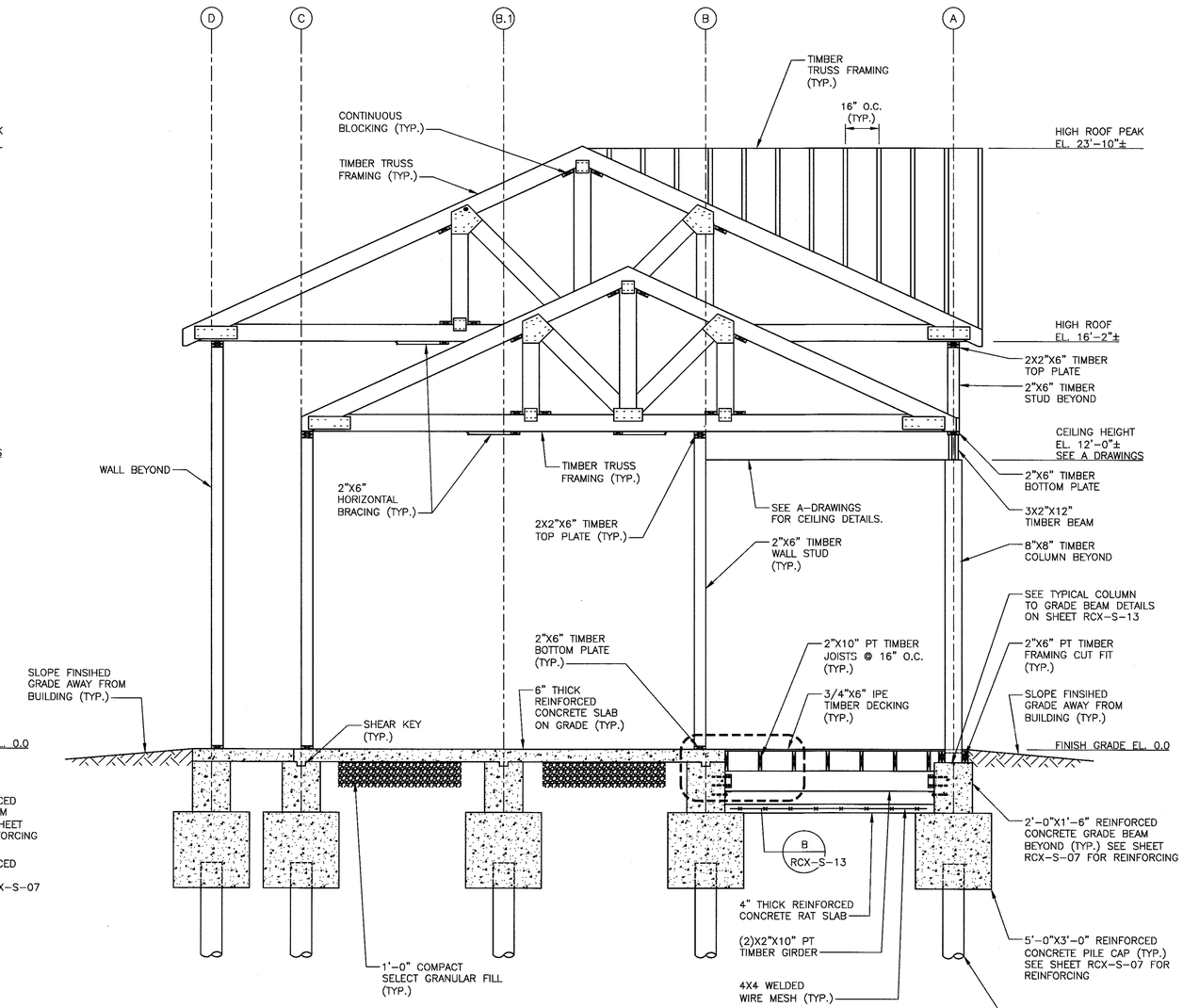


3 RCX-S-08 SECTION 3/8" = 1'-0"
3 RCX-S-09
3 RCX-S-10



4 RCX-S-08 SECTION 3/8" = 1'-0"
4 RCX-S-09
4 RCX-S-10

NOTES:

1. ALL TIMBER TRUSSES SHALL BE PRE-ENGINEERED AND DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK. REFER TO SPECIFICATION 06 17 53.
2. COORDINATE DIMENSIONS AND LAYOUT WITH A-DRAWINGS.

0 2' 4'
SCALE: 3/8" = 1'-0"

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK — MICHAEL J. BRINKLE — No. 065958 — LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
SECTIONS

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-S-12
DWG NO.:	Page 175 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
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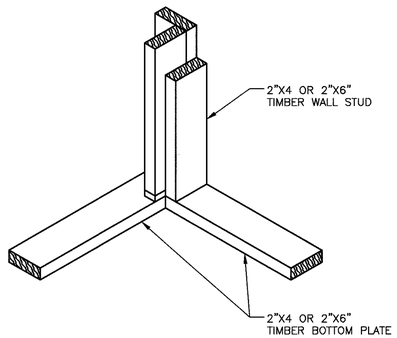

TYPICAL STUDS AT CORNERS DETAIL
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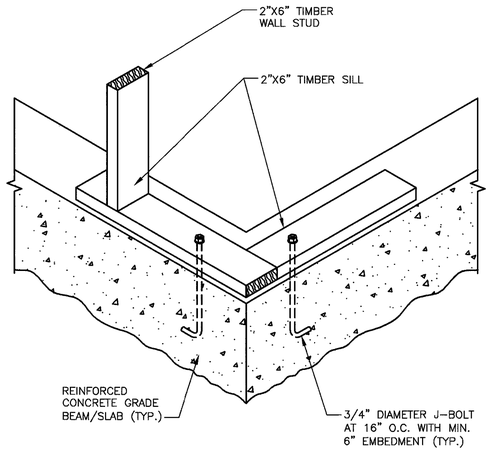
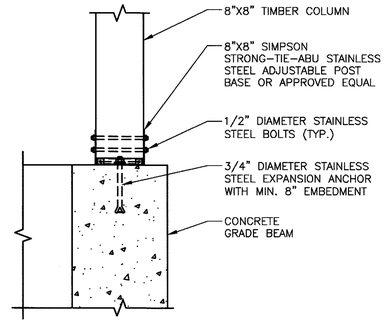
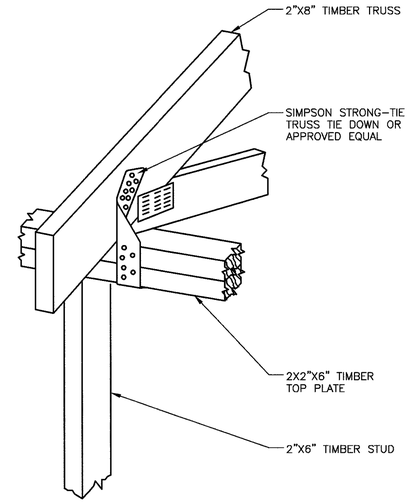


TYPICAL FLOOR FRAMING DETAIL
N.T.S.



TYPICAL COLUMN TO GRADE BEAM
N.T.S.



TYPICAL ROOF FRAMING DETAIL
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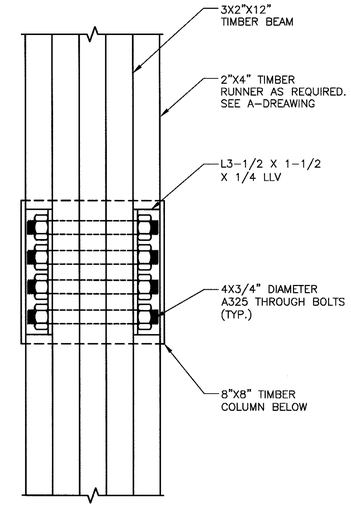

6 SECTION
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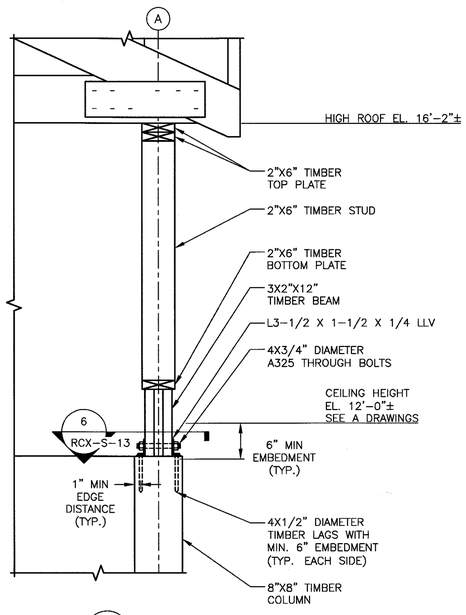

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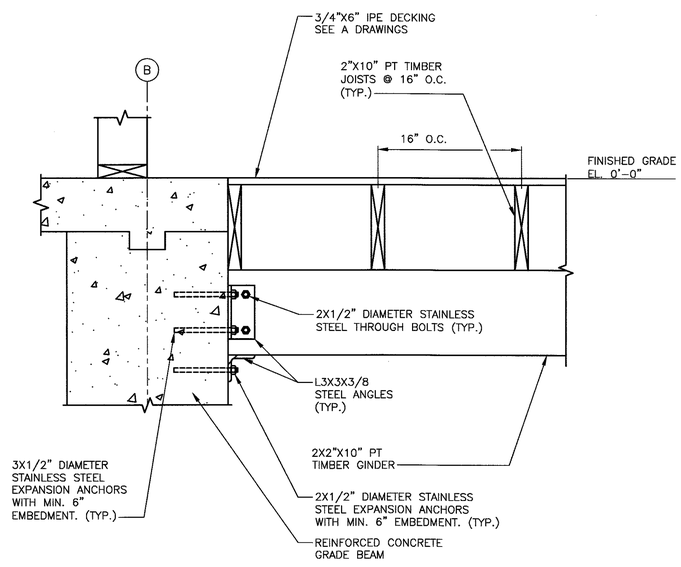

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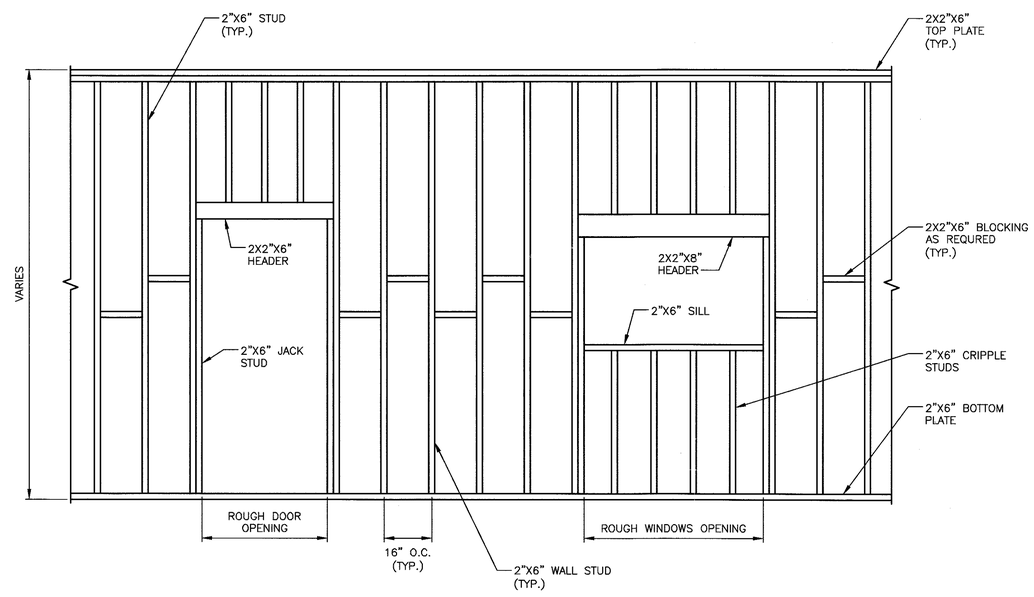

DETAIL WALL ELEVATION
N.T.S.

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Printed by: Bkrittle Date: 24 September 2020 5:12 AM Designed by: ----
Rev#: ---- Layout: ----
Xrefs: [TB_24X36_WestchesterCo_2.dwg] [TSG-SVLOGO.dwg] [RCXS-DTL0001.dwg] [RCXS-SECT0002.dwg]

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK
RICHARD MCKINNEY, JR.
No. 065864
LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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CONTRACTOR
NAME
SIGNATURE
TITLE DATE

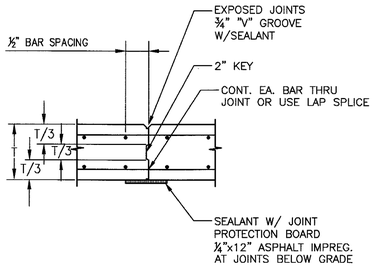
PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
TYPICAL TIMBER FRAMING DETAILS

CONTRACT NUMBER	SHEET NUMBER
20-501	RCX-S-13

DWG NO.: Page 176 of 387
SCALE: AS SHOWN
DATE: SEPTEMBER 2020
DPW FILE NUMBER 1-118-S-176 REV. NO. 0

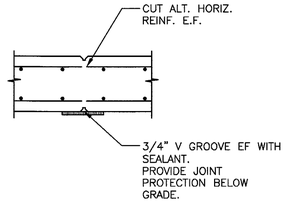


WALL CONSTRUCTION JOINT DETAIL AT NON-LIQUID RETAINING STRUCTURE

N.T.S.

NOTES:

1. MAXIMUM SPACING BETWEEN JOINTS, 30 FEET O.C.
2. PROVIDE REBAR FABRICATOR WITH FINALIZED CONSTRUCTION JOINT LAYOUT BEFORE REBAR DETAILING BEGINS.

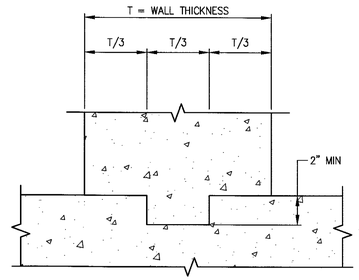


WALL CONTROL JOINT DETAIL AT NON-LIQUID RETAINING STRUCTURE

N.T.S.

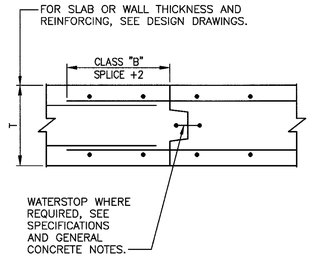
NOTES:

1. MAXIMUM SPACING BETWEEN JOINTS, 30 FEET O.C.



TYPICAL KEY DETAIL

N.T.S.

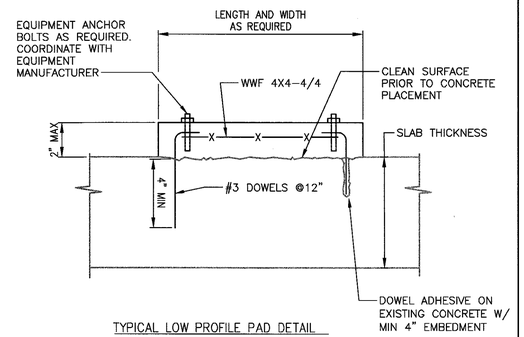


TYPICAL SLAB HORIZONTAL CONSTRUCTION JOINT DETAIL

N.T.S.

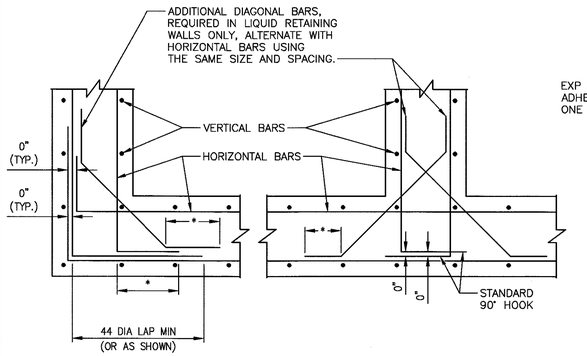
NOTE:

USE FOR LIQUID RETAINING STRUCTURES



TYPICAL LOW PROFILE PAD DETAIL

N.T.S.

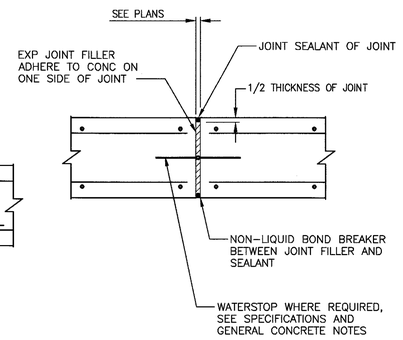


TYPICAL WALL REINFORCING DETAIL

N.T.S.

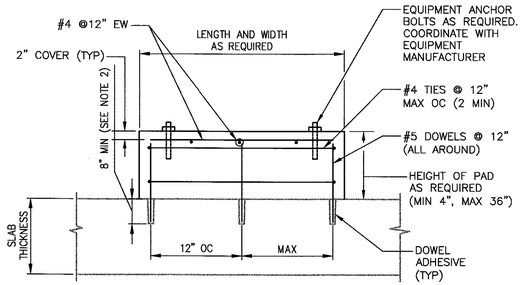
NOTE:

* DENOTES STD 90° HOOK LENGTH



WALL EXPANSION JOINT DETAIL AT NON-LIQUID RETAINING STRUCTURE

N.T.S.

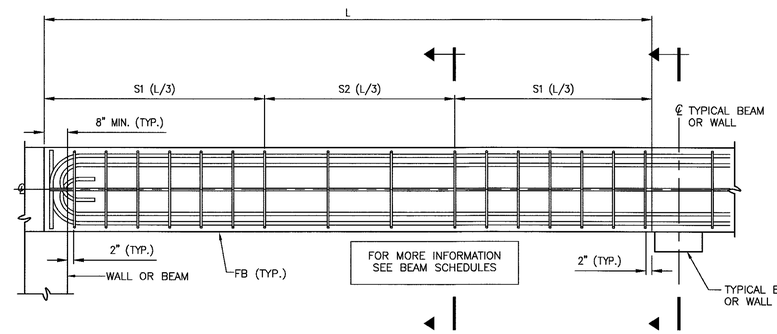


TYPICAL PAD DETAIL

N.T.S.

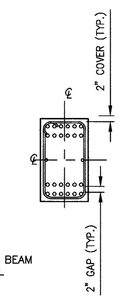
NOTES:

1. ANCHOR BOLTS FOR EQUIPMENT SHALL BE INSTALLED PRIOR TO PLACEMENT OF CONCRETE.
2. WHERE FLOOR IS 8" THICK OR LESS, USE #4 DOWELS EMBEDDED TO WITHIN 2" OF BOTTOM OF FLOOR SLAB.
3. EQUIPMENT PADS SHALL EXTEND A MINIMUM OF 4" BEYOND THE LIMITS OF EQUIPMENT FURNISHED.



TYPICAL BEAM DETAIL

N.T.S.



SECTION

N.T.S.

BASIC DEVELOPMENT LENGTH AND SPLICE LENGTH FOR BARS IN TENSION								
fy = 60,000 psi					fc = 4000 psi OR GREATER, NORMAL WEIGHT CONCRETE			
BASIC DEVELOPMENT LENGTH ** l d				BAR SIZE	CLASS B SPLICE LENGTH ** 1.3 x l d			
CLEAR SPACING > 3"		CLEAR SPACING < 3"			CLEAR SPACING > 3"		CLEAR SPACING < 3"	
BASIC	TOP *	BASIC	TOP *		BASIC	TOP *	BASIC	TOP *
1'-0"	1'-4"	1'-9"	2'-2"	#3	1'-4"	1'-9"	2'-2"	2'-11"
1'-4"	1'-8"	2'-2"	2'-9"	#4	1'-8"	2'-2"	2'-9"	3'-7"
1'-8"	2'-2"	2'-10"	3'-7"	#5	2'-2"	2'-10"	3'-7"	4'-8"
2'-0"	2'-6"	3'-3"	4'-2"	#6	2'-6"	3'-3"	4'-2"	5'-5"
3'-6"	4'-7"	5'-11"	7'-7"	#7	4'-7"	5'-11"	7'-7"	9'-11"
4'-0"	5'-2"	6'-9"	8'-8"	#8	5'-2"	6'-9"	8'-8"	11'-4"
4'-6"	5'-10"	7'-7"	9'-10"	#9	5'-10"	7'-7"	9'-9"	12'-9"
5'-0"	6'-5"	8'-6"	11'-10"	#10	6'-5"	8'-6"	11'-0"	13'-7"
5'-7"	7'-4"	9'-5"	12'-6"	#11	7'-4"	9'-5"	12'-6"	14'-9"

NOTES:

* TOP REINFORCEMENT IS HORIZONTAL REINFORCEMENT SO PLACED THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE REINFORCEMENT

** LENGTHS SHOWN IN CHART SHALL BE MODIFIED WHERE REQUIRED TO CONFORM TO THE PROVISIONS OF ACI 318, SECTION 12.2

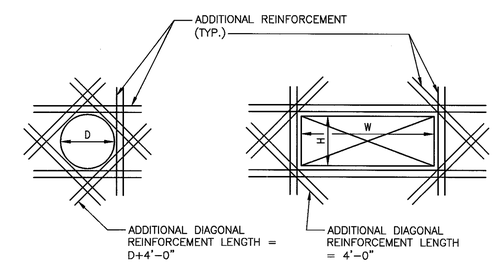
*** UNCOATED REINFORCEMENT

DEVELOPMENT LENGTH OF STANDARD HOOKS FOR BARS IN TENSION		
fy = 60,000 psi	fc = 4000 psi OR GREATER, NORMAL WEIGHT CONCRETE	
	DEVELOPMENT LENGTH, l dh	
BAR SIZE	BASIC	W/CONC. COVER *
#3	8"	6"
#4	10"	7"
#5	1'-0"	9"
#6	1'-3"	11"
#7	1'-5"	1'-0"
#8	1'-7"	1'-2"
#9	1'-10"	1'-4"
#10	2'-1"	1'-6"
#11	2'-3"	1'-7"

NOTES:

* SIDE COVER NORMAL TO PLANE OF HOOK AT LEAST 2 1/2"; AND FOR 90° HOOK, END COVER BEYOND OUTSIDE END OF HOOK AT LEAST 2".

** UNCOATED REINFORCEMENT



TYPICAL ADDITIONAL REINFORCEMENT AT OPENING > 12" DIAMETER

N.T.S.

NOTES:

1. PROVIDE ADDITIONAL REINFORCEMENT WHEN OPENING SIZE (D, W, OR H) IS EQUAL TO OR GREATER THAN SPECIFIED BAR SPACING
2. EXTEND REINFORCEMENT A MINIMUM OF 48 BAR DIAMETERS BEYOND THE FACE OF THE OPENING.
3. PROVIDE ONE HALF THE AREA OF CUT BARS, EACH SIDE, MINIMUM 2 #4 @ 6" EF.
4. PROVIDE ADDITIONAL DIAGONAL REINFORCEMENT AT ALL OPENINGS.
   A. OPENINGS (D, H, OR W) UP TO 1'-0": 2 #4 @ 6" EF
   A. OPENINGS (D, H, OR W) UP TO 2'-0": 2 #5 @ 6" EF
   A. OPENINGS (D, H, OR W) UP TO 4'-0": 2 #6 @ 6" EF
5. WHERE REINFORCING AROUND OPENINGS IS SHOWN ON OTHER DRAWINGS PROVIDE ADDITIONAL REINFORCING AS PER THIS DETAIL.

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK — LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT - CHANGES AS NOTED ☐ AS BUILT - NO CHANGES

CONTRACTOR: NAME / SIGNATURE / TITLE / DATE

PROJECT COORDINATOR: NAME / SIGNATURE / TITLE / DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
TYPICAL DETAILS

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-S-14
DWG NO.:	Page 177 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-S-177
REV. NO.	0

Drawing Name: G:\SavinAutocad\2060\25-Playland\CAD\S\RCX_S-14.dwg
Projection:
Plot Date/Time: 9/24/2020 5:13 AM Comments:
Plotted by: Schaffer, Christopher Scale: 24 Schaffer, 2020 5:13 AM Designed by: ----
Xrefs: [TB_24X36_WestchesterCo_2.dwg] [TSS-SWL050.dwg]

FIRE PROTECTION SAFETY NOTES:

1. SPECIAL PRECAUTION SHALL BE TAKEN BY THE CONTRACTOR SO THAT EQUIPMENT OF THIS APPLICATION AND ITS INSTALLATION WILL NOT AFFECT THE FOLLOWING: EGRESS TO AND FROM THE BUILDING. FIRE SAFETY OR CREATE A FIRE HAZARD. STRUCTURAL SAFETY OF THE BUILDING. ACCUMULATION OF DUST AND DEBRIS. (THE CONTRACTOR SHALL LEAVE THE SITE BROOM CLEANED EACH DAY.)

FIRE PROTECTION GENERAL NOTES:

1. DIMENSIONS, LOCATIONS AND SIZES INDICATED ON THE PLANS AND THE ELEVATION ARE APPROXIMATE AND SHALL BE VERIFIED BY FIELD INSPECTION BY THE CONTRACTOR.

2. SOME EXISTING PIPE AND EQUIPMENT IS SHOWN FOR CLARIFICATION OF THIS CONTRACT, BUT MUST BE PROTECTED BY THE CONTRACTOR.

3. NO WORK SHALL BE INITIATED UNTIL A WORK PERMIT IS OBTAINED BY THE CONTRACTOR AND A SAFETY PLAN IS SUBMITTED AND IS APPROVED.

4. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS, EQUIPMENT USE PERMITS, ALL INSPECTION APPROVALS, AND LETTER OF COMPLETION FROM THE NEW YORK CITY DEPARTMENT OF BUILDINGS FOR WORK UNDER THIS CONTRACT AS APPLICABLE.

5. ANY EXISTING MATERIALS, PIPING, ETC., NOT INDICATED FOR DEMOLITION WHICH ARE REMOVED BY THE CONTRACTOR IN ORDER TO INSTALL NEW WORK SHALL BE REINSTALLED BY THE CONTRACTOR. IF EXISTING WORK IS DAMAGED IT SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ALL SURFACES OR FINISHES THAT ARE DAMAGED OR OTHERWISE AFFECTED BY WORK OF THIS CONTRACT SHALL BE PATCHED, REPAIRED, PAINTED OR REPLACED TO MATCH THE PRE-EXISTING CONDITION AND THE NEW WORK.

6. CONTRACTOR MAY PROPOSE ALTERNATE ROUTING IN DIFFICULT AREAS WHERE REPLACEMENT IN KIND IS NOT PRACTICAL. ANY AND ALL ALTERNATE ROUTING IS SUBJECT TO PRIOR REVIEW AND APPROVAL BY THE ENGINEER.

7. A FIRE WATCH SHALL BE USED IF REQUIRED.

FIRE PROTECTION SYMBOL LIST

FS DRY	NEW DRY SPRINKLER PIPING
DRY(E)	EXISTING TO REMAIN DRY SPRINKLER PIPING
	NEW UPRIGHT SPRINKLER HEAD
	EXISTING UPRIGHT SPRINKLER HEAD
	NEW CONCEALED PENDENT SPRINKLER HEAD-ORDINARY TEMPERATURE
	SPRINKLER DRY PIPE VALVE
	FIRE HOSE CABINET
	SIAMESE CONNECTION
	CHECK VALVE
	CHECK VALVE W/ ALARM
	WATER MOTOR ALARM BELL
	PIPE RISER
	PIPE DROP
	PIPE UP
	POINT OF CONNECTION
	POINT OF DISCONNECTION
	END CAP
	SOLENOID VALVE
	OS & Y VALVE
#	REVISION SYMBOL
F2	REFER TO SUPPLEMENTAL FIGURE INDICATED BY NUMBER (I.E. F2 REFERS TO FIGURE 2)
XXX	EQUIPMENT TAG
X	EQUIPMENT NUMBER
X	DETAIL TAG/ CALL OUT TAG
X-XXX	FIRE PROTECTION SHEET NUMBER

SHOP DWGS/EQUIPMENT SUBMITTALS

THE CONTRACTOR MUST SUBMIT ANY EQUIPMENT ALTERNATES 2 WEEKS PRIOR TO BIDS DUE FOR REVIEW AND COMMENTS. ALTERNATES MUST BE ACCEPTED BY LIRO ENGINEERS, INC., THE ARCHITECT, AND THE OWNER PRIOR TO INCLUSION IN BID. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE EQUIPMENT ALTERNATES WITH OTHER TRADES AND MAKE ADJUSTMENTS TO THE MECHANICAL SYSTEMS, AS REQUIRED, TO ACCOMMODATE THESE NEW ALTERNATES.

THE CONTRACTOR IS RESPONSIBLE TO SUBMIT ALL OF THE FOLLOWING ITEMS FOR REVIEW/APPROVAL BY NO MORE THAN 3 WEEKS AFTER THE CONTRACTOR'S CONTRACT/BID HAS BEEN AWARDED. ALL SUBMITTALS MUST BE SENT TOGETHER AS A **SINGLE PACKAGE** WITH MANUFACTURER'S SPECIFIC MODELS AND SPECIFICATIONS OUTLINED TO MATCH THE SCHEDULED REQUIREMENTS. EACH SUBMITTAL MUST BE LABELED WITH THE UNIT DESIGNATION USED WITHIN THIS DRAWING SET. IF THE SUBMITTAL PACKAGE IS FOUND TO BE INCOMPLETE UPON RECEIPT, THE PACKAGE WILL BE HELD AND WILL NOT BE REVIEWED UNTIL THE REMAINDER OF THE PACKAGE IS RECEIVED. SIX (6) HARD COPIES OF THE SUBMITTAL PACKAGE MUST BE SENT TO LIRO ENGINEERS, INC. DIGITAL SHOP DRAWING SUBMISSIONS ARE ACCEPTABLE.

FIRE PROTECTION NOTES

1. THE DRAWINGS SHOW THE LAYOUT OF THE SYSTEM AND INDICATE THE APPROXIMATE LOCATIONS OF EQUIPMENT AND PIPING. CONTRACTOR IS CAUTIONED NOT TO SCALE THE DRAWINGS. THE PIPING SHALL BE RUN APPROXIMATELY IN THE AREAS AS INDICATED ON THE DRAWINGS, [HOWEVER, TO THE ARRANGEMENT OF THE PIPING SYSTEMS AS MAY BE REFERENCED WITH WORK OF OTHER TRADES]. CONTRACTOR SHALL REVIEW AND COORDINATE WITH STRUCTURAL, ELECTRICAL AND MECHANICAL DRAWINGS, PARTITIONS, STRUCTURAL MEMBERS, ETC. ARE DESIGNED TO BE FURRED OR CLOSED IN AND TO INCLUDE ROUGH-IN PIPING. CONTRACTOR SHALL FURNISH ALL OFFSETS, ADDITIONAL FITTINGS, ETC. WHETHER SHOWN ON DRAWINGS OR NOT, AS REQUIRED TO MEET INSTALLATION CONDITIONS.

2. CONTRACTOR IS TO COMPLY WITH LATEST NFPA AND N.Y.S. CODES, AND COORDINATE HIS WORK WITH OTHER TRADES AND MAKE NECESSARY ADJUSTMENTS.

3. CONTRACTOR IS TO PREPARE SHOP DRAWINGS FOR ENGINEERS REVIEW AFTER MAKING A COMPLETE FIELD SURVEY.

4. CONTRACTOR IS TO REPORT ANY CONDITION REQUIRING CHANGES FROM PLANS TO ENGINEER PRIOR TO STARTING WORK.

5. BRANCH LINES AND MAINS (1 1/2" OR LESS) - SCHEDULE 40 FM APPROVED

6. BRANCH LINES AND MAINS (2" OR LARGER) - THINWALL (THICKNESS LESS THEN SCHEDULE 40 MORE THEN SCHEDULE 10 & FM APPROVED)

7. CONTRACTOR IS TO PERFORM A HYDROSTATIC TEST FOR 2 HRS. @ 200 PSI WITH NO LEAKAGE AND PROVIDE A TEST CERTIFICATE TO ENGINEER

8. CONTRACTOR IS TO EMPLOY EXPERIENCED WORKMEN WHO ARE TO FAMILIARIZE THEMSELVES WITH THE BUILDING AND OBSERVE SAFETY REQUIREMENTS.

9. CONTRACTOR TO ADJUST HEAD LOCATION TO COORDINATE WITH LIGHTS, DUCTS, ETC.

10. PERMIT FROM LOCAL AUTHORITY, TO BE OBTAINED BY CONTRACTOR.

11. ALL WORK TO BE APPROVED BY OWNERS ENGINEER, STATE AUTHORITIES HAVING JURISDICTION AND MUNICIPAL FIRE, PLUMBING, BUILDING AND WATER DEPARTMENTS.

12. U.L. AND/OR FM APPROVED EQUIPMENT TO BE USED.

13. WORK TO BE IN ACCORDANCE WITH MUNICIPAL WATER DEPT. RULES

14. SYSTEM IS TO BE MAINTAINED AND TESTED BY THE OWNER OR HIS AGENT IN ACCORDANCE WITH APPLICABLE LOCAL AND STATE CODES AND IN CONFORMANCE WITH NFPA 13A, LATEST EDITION.

15. IF BUILDING OCCUPANCY OR CONSTRUCTION CHANGES, THE SPRINKLER SYSTEM IS TO BE UPDATED ACCORDINGLY BY THE OWNER OR HIS AGENT.

16. CONTRACTOR IS TO NEATLY CUT AND PATCH IN A FIRST CLASS WORKMANLIKE MANNER, ALL HOLES AND PENETRATIONS IN WALLS, CEILINGS, FLOORS, PARTITIONS, ETC.

17. THE ENGINEER IS NOT RETAINED FOR SUPERVISION.

18. THE INSTALLATION OF THIS SYSTEM WILL REQUIRE THE CLOSING OF ONE OR MORE FIRE PROTECTION CONTROL VALVES. THESE VALVE CLOSURES SHOULD BE CLOSELY COORDINATED WITH THE OWNERS WHO SHOULD CONTACT THE LOCAL FIRE DEPARTMENT, INSURANCE INTERESTS, ETC. PRIOR TO VALVE CLOSURES.

19. ACTUAL DESIGN DENSITY MAY EXCEED STANDARDS, HOWEVER, IT IS A MINIMUM TO BE USED BY THE CONTRACTOR.

20. ALL ALARMS RELATING TO THE SPRINKLER SYSTEM SHOULD BE ACTIVATED UPON PLACING THE SPRINKLER SYSTEM IN SERVICE.

21. THE INSTALLATION COMPONENTS, SIZING, SPACING, MATERIALS LOCATION CLEARANCES, POSITION AND TYPE OF SYSTEM SHALL CONFORM TO NFPA 13 AND NYS UNIFORM FIRE PREVENTION BUILDING CODE LATEST EDITION.

22. SPRINKLERS SHALL BE PROTECTED AGAINST FREEZING AND INJURY AS PER NFPA CODE.

23. INSPECTION AND TESTS OF SPRINKLER SYSTEM SHALL BE CONDUCTED AS SPECIFIED IN NFPA CODE.

24. WATER SUPPLY TEST PIPES AND GAUGES SHALL BE PROVIDED AS SPECIFIED IN CHAPTER 2-9 OF NPPA 13.

25. PIPING SPECIFICATIONS, PIPE SCHEDULES, SYSTEM TEST PIPES, PROTECTION AGAINST CORROSION, DAMAGE FITTINGS, VALVES, HANGERS, SPRINKLERS, GUARDS AND SHIELDS SHALL BE IN ACCORDANCE WITH CHAPTER 3 AND CHAPTER 8 OF NFPA 13, LATEST EDITION. PIPING SHALL BE PAINTED TO PREVENT CORROSION.

26. STOCK OF EXTRA SPRINKLERS WILL BE FURNISHED AS PER CHAPTER 3 OF NFPA 13 (REQUIRED FOR EACH TEMPERATURE RATING).

27. SPRINKLER ALARMS WILL BE IN ACCORDANCE WITH NFPA 13.

28. SPACING, LOCATION AND POSITION OF SPRINKLERS SHALL BE IN ACCORDANCE WITH CHAPTER 4 OF NFPA 13.

29. ALL PIPING PASSING THROUGH WALLS SHALL COMPLY WITH NFPA FOR FIRE PROOFING.

30. DISTANCE OF SPRINKLERS FROM HEAT SOURCES SHALL BE IN ACCORDANCE WITH TABLE 3-16.6.3 OF NFPA 13.

31. PROVIDE WATER SUPPLY LETTER WITH FLOW TEST DATA.

32. ALL PIPES PASSING THROUGH FOUNDATION WALLS TO BE PROTECTED.

33. ALL VALVES SHALL BE IDENTIFIED AS REQUIRED BY NFPA 13.

34. DRAINAGE TO CONFORM TO CHAPTER 3-11 OF NFPA 13.

35. A ONE PIECE REDUCING FITTING OF GOOD DESIGN SHOULD BE USED WHEREVER A CHANGE IS MADE IN THE SIZE OF PIPE AS PER SECTION 3-12.2.7 OF NFPA 13.

36. ALL VALVES ON CONNECTIONS TO WATER SUPPLIES AND IN SUPPLY TO SPRINKLERS SHALL BE APPROVED O.S. &Y. OR APPROVED INDICATOR TYPE WITH TAMPER SWITCHES.

37. DRAIN VALVES AND TEST VALVES SHALL BE APPROVED TYPE AS PER SECTION 3-14.1.2 OF NFPA 13.

38. HANGERS SHALL BE OF A TYPE APPROVED FOR USE WITH THE PIPE OR TUBE INVOLVED, SPRINKLER PIPING SHOULD BE SUPPORTED BY ADJUSTABLE HANGERS PER NFPA 13, SECTION 3-15.

39. PROVISIONS SHOULD BE MADE TO FACILITATE FLUSHING SYSTEM PIPING BY PROVIDING FLUSHING CONNECTIONS CONSISTING OF A CAPPED NIPPLE 4" LONG ON THE END OF THE CROSS MAIN, AS PER SECTION 3- 8.2 OF NFPA 13.

40. SPRINKLER SHALL BE AN APPROVED TYPE AS PER SECTION 3-16 OF NFPA 13.

41. TEMPERATURE RATING SHALL COMPLY WITH SEC. 3-16.6 OF NFPA 13.

42. CLEARANCES BETWEEN SPRINKLERS AND STORAGE OR PARTITIONS AS PER NFPA 13, SECTION 4-2.5

43. SPACING AND LOCATION OF SPRINKLER SHALL COMPLY WITH CHAPTER 4 NFPA 13.

44. CONTRACTOR TO COORDINATE HIS WORK WITH OTHER TRADES.

45. ONLY EXPERIENCED SPRINKLER MECHANICS TO WORK ON THE SYSTEM.

46. ALL PIPING TO BE A MINIMUM OF 1" UNLESS OTHERWISE NOTED.

47. PROVIDE SHOP DRAWINGS WITH HYDRAULIC CALCULATIONS FOR REVIEW TO LOCAL FIRE MARSHALL AND INSURANCE UNDERWRITER AND ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.

48. ALL FIRE PROTECTION EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS/SPECIFICATIONS.

49. ALL FIRE PROTECTION EQUIPMENT SHALL BE MOUNTED ON MINIMUM 6" HIGH CONCRETE PAD UNLESS OTHERWISE NOTED (PAVER AND CINDER BLOCK IS NOT ACCEPTABLE).

SCOPE OF WORK:

1. THE INSTALLATION OF NEW DRY FS EQUIPMENT.

2. PROPOSED FIRE SPRINKLER HEAD LOCATIONS AND PIPING ARE AS NOTED ON PLANS. EXACT PIPING FROM THE FIRE SPRINKLER MAIN TO ALL HEADS IS TO BE COORDINATED AND HYDRAULICALLY CALCULATED BY THE F.S.C. & SUBMITTED TO THE ENGINEER FOR APPROVAL.

NOTE: THIS SCOPE OF WORK DESCRIPTION IS PROVIDED TO GIVE AN OVERALL "MACRO" DESCRIPTION OF THIS PROJECT. F.S.C. IS RESPONSIBLE TO REVIEW ALL ENGINEERING AND ARCHITECTURAL DRAWINGS AND VISIT THE SITE IF NEEDED, PRIOR TO SUBMISSION OF BID.

SPRINKLER HEAD SCHEDULE

	MANUFACTURER	MODEL	DESCRIPTION	K-FACTOR	QUANTITY
○	RELIABLE	F1FR	DRY ORDINARY UPRIGHT SPRINKLE HEAD	5.6	29
●	RELIABLE	F1FR	DRY ORDINARY CONCEALED SPRINKLER HEAD	5.6	23

ABBREVIATION

(E)	EXISTING TO REMAIN
F.S.C.	FIRE SPRINKLER CONTRACTOR
P.C	PLUMBING CONTRACTOR
TYP	TYPICAL
W/	WITH
NYS	NEW YORK STATE
U.G.	UNDERGROUND PIPING
W	WATER

DRAWING NOTATIONS

	DRAWING NOTE TAB
	RISER DESIGNATION
	POINT OF CONNECTION
	POINT OF DISCONNECTION

FIRE WATCH

CONTRACTOR SHALL PROVIDE FIRE WATCH WHEN SPRINKLER COVERAGE IS IMPACTED TO MAINTAIN BUILDING OPERATIONS.

ORDINARY HAZARD PIPE SCHEDULE

STEEL		COPPER	
1IN.	2 SPRINKLERS	1IN.	2 SPRINKLERS
1 1/4 IN.	3 SPRINKLERS	1 1/4 IN.	3 SPRINKLERS
1 1/2IN.	5 SPRINKLERS	1 1/2IN.	5 SPRINKLERS
2 IN.	10 SPRINKLERS	2 IN.	12 SPRINKLERS
2 1/2 IN.	20 SPRINKLERS	2 1/2 IN.	25 SPRINKLERS
3 IN.	40 SPRINKLERS	3 IN.	45 SPRINKLERS
3 1/2 IN.	65 SPRINKLERS	3 1/2 IN.	75 SPRINKLERS
4 IN.	100 SPRINKLERS	4 IN.	115 SPRINKLERS
5 IN.	160 SPRINKLERS	5 IN.	180 SPRINKLERS
6 IN.	275 SPRINKLERS	6 IN.	300 SPRINKLERS
8 IN.	SEE SECTION 8.2	8 IN.	SEE SECTION 8.2

FOR SI UNITS, 1 IN. = 25.4 MM.

DESIGN CRITERIA

1. AREA OF APPLICATION = 2,140 SQ. FT

2. OCCUPANCY CLASSIFICATION = ORDINARY HAZARD GROUP 2

3. MAXIMUM COVERAGE PER SPRINKLER HEAD = 130 SQ. FT

4. DESIGN DENSITY = 0.20 GPM/SQ. FT

5. NUMBER OF SPRINKLER HEADS WITHIN AREA OF APPLICATION = 27

6. "K" FACTOR OF SPRINKLER HEADS = 5.6

7. DESIGN CRITERIA REQUIREMENTS BASED ON:
   - 2020 INTERNATIONAL CODE AS ADOPTED BY NEW YORK STATE
   - 2013 NFPA 13

MAXIMUM DISTANCE BETWEEN HANGERS (FT.-IN.)

	NOMINAL PIPE SIZE (IN.)											
	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8
STEEL PIPE EXCEPT THREADED LIGHTWALL	N/A	12-0	12-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0
THREADED LIGHTWALL STEEL PIPE	N/A	12-0	12-0	12-0	12-0	12-0	12-0	N/A	N/A	N/A	N/A	N/A
COPPER TUBE	8-0	8-0	10-0	10-0	12-0	12-0	12-0	15-0	15-0	15-0	15-0	15-0

DRY SYSTEM COMPRESSOR SCHEDULE

TAG	MANUFACTURER	MODEL	SERVICE	LOCATION	AVERAGE CFM	V.PH.HZ	HP	RECOMENDED WIRE SIZE	DIMENSION (L"xW"xH")	WEIGHT (LBS)	NOTES
DC-1	GENERAL AIR PRODUCTS	LT20033A	DRY SYSTEM	UTILITY ROOM	2.43	230.1.60	1/3	12	33x13x28	115	1,2,3

NOTES:

1. MOUNTING BRACKET.
2. PROVIDE AIR MAINTENANCE DEVICE (RELIABLE MODEL AMD-1)
3. PROVIDE WITH A 10 GALLON GENERAL AIR TANK
4. UL LISTED PRESSURE SWITCH. SET FOR 20 PSI ON AND 25 PSI OFF. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR PROPER AIR PRESSURE.

DRY PIPE VALVE SCHEDULE

MANUFACTURER	MODEL	SERVICE	LOCATION	SIZE (INCH)
RELIABLE	D	DRY SYSTEM	SPRINKLER EQUIP. ROOM	4

NOTES:

1. FACTORY PREASSEMBLE TRIM - BASIC
2. PROVIDE WITH RELIABLE B1 ACCELERATOR. INSTALL AS PER MANUFACTURER'S RECCOMENDATIONS

FIRE PROTECTION DRAWING LIST

SHEET NO.	SHEET NAME	REVISON NO.	REVISION DATE
RCX-FP-01	FIRE PROTECTION NOTES, SYMBOLS, ABBREVIATIONS, AND DRAWING LIST	0	-
RCX-FP-11	FIRE PROTECTION FIRST FLOOR SPRINKLER DEMOLITION PLAN	0	-
RCX-FP-21	FIRE PROTECTION FIRST FLOOR SPRINKLER CONSTRUCTION PLAN	0	-
RCX-FP-81	FIRE PROTECTION DETAILS	0	-

CONSULTANT INFORMATION

LiRo Engineers, Inc.
A LiRo Group Company
Syosset, N.Y. 516-214-8157[T]

CONSULTANT SEAL

STATE OF NEW YORK · FRANK F. ULISSE · 090117 · LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR: NAME / SIGNATURE / TITLE / DATE

PROJECT COORDINATOR: NAME / SIGNATURE / TITLE / DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
CROSS AXIS RESTROOMS
FIRE PROTECTION NOTES, SYMBOLS, ABBREV, AND DWG LIST

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REV. NO.	0

FIRE PROTECTION DEMOLITION NOTES:

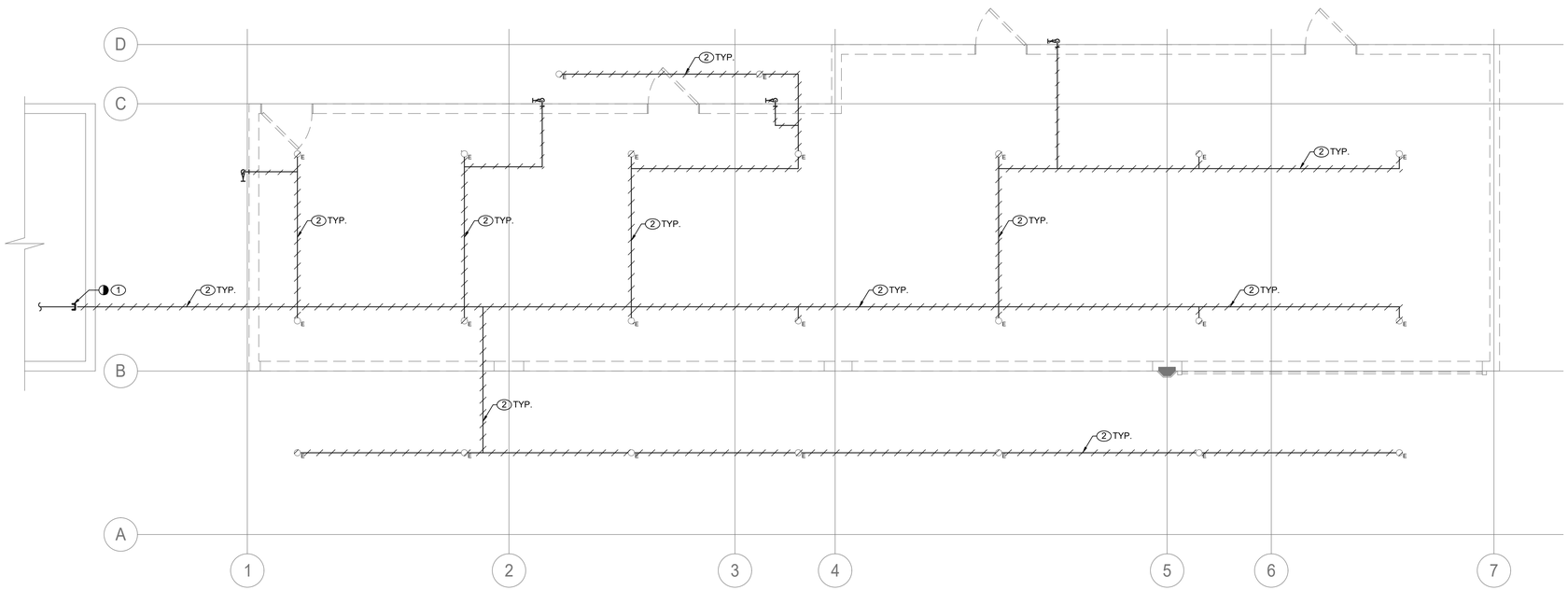
1. CUT AND CAP EXISTING 2-1/2" SPRINKLER LINE. PATCH EXISTING OPENING TO MATCH EXTERIOR WALL FIRE RATING.
2. DEMOLISH ALL EXISTING SPRINKLER HEADS AND DRY SPRINKLER PIPING WITHIN THE BUILDING.

GENERAL NOTES:

1. COORDINATE WITH FACILITY PRIOR TO SHUTDOWN OF FIRE PROTECTION SYSTEM FOR ANY DEMOLITION AND CONSTRUCTION WORK.

2. CONTRACTOR SHALL PROVIDE FIRE WATCH AS NEEDED FOR ALL AFFECTED BUILDINGS WHILE SPRINKLER COVERAGE IS IMPACTED.

3. CONTRACTOR TO COORDINATE WITH FACILITY WHEN WORKING AROUND OR ABOVE THE RIDE COMPONENTS, AND PROVIDE ALL NECESSARY MEASURES TO PROTECT THESE COMPONENTS PER THE REQUIREMENTS OF THE FACILITY.



FIRE PROTECTION FIRST FLOOR SPRINKLER DEMOLITION PLAN

SCALE: 1/4" = 1'-0'

N

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LiRo Engineers, Inc. A LiRo Group Company Syosset, N.Y. 516-214-8157[T]	STATE OF NEW YORK FRANK F. ULISSE 090901 LICENSED PROFESSIONAL ENGINEER					

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INFRASTRUCTURE REHABILITATION
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FIRE PROTECTION FIRST FLOOR SPRINKLER DEMOLITION PLAN

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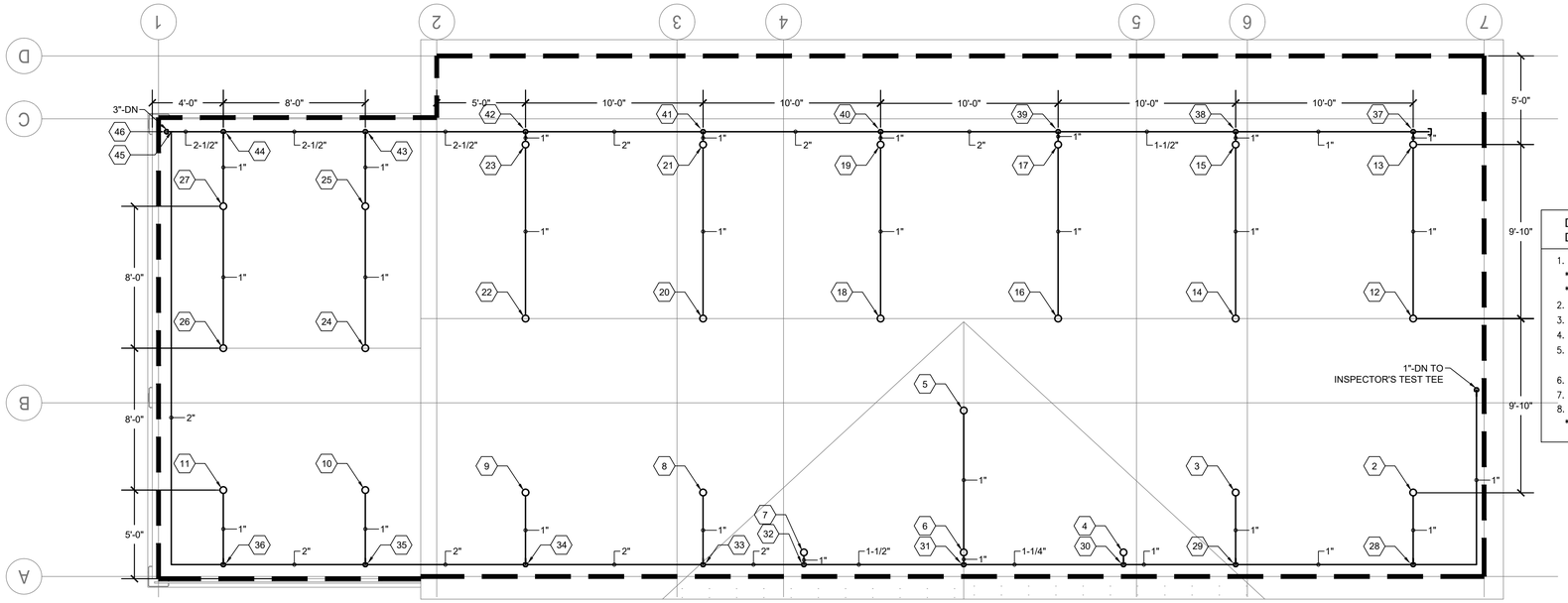
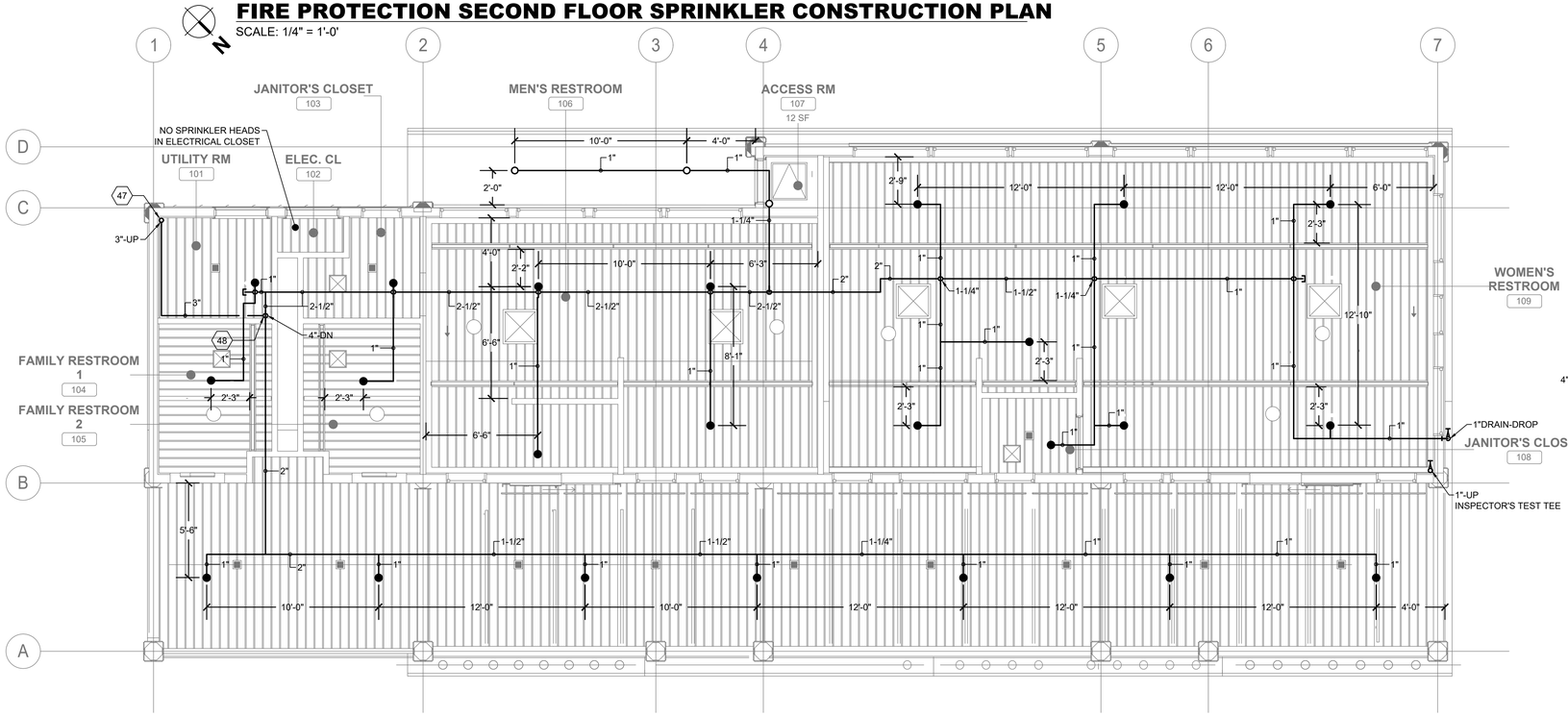
DPW FILE NUMBER	1-118-M-179	REV. NO.	0



FIRE PROTECTION SECOND FLOOR SPRINKLER CONSTRUCTION PLAN

SCALE: 1/4" = 1'-0'



FIRE PROTECTION FIRST FLOOR SPRINKLER CONSTRUCTION REFLECTED CEILING PLAN

SCALE: 1/4" = 1'-0'

FIRE PROTECTION CONSTRUCTION NOTES:

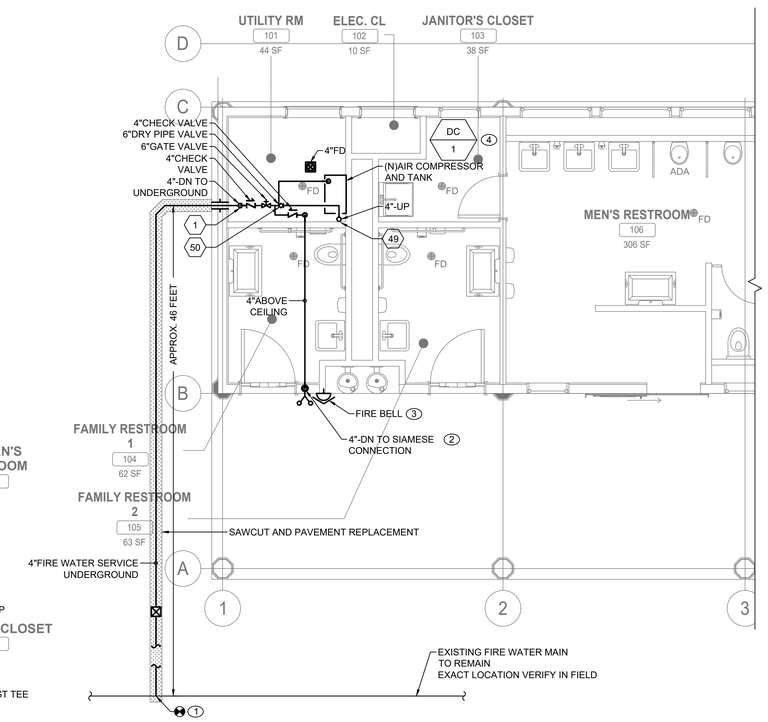
1. CONNECT NEW 4" FIRE SERVICE TO EXISTING FIRE MAIN LOCATED AT CROSS-AXIS ALLEY WEST. PROVIDE CURB VALVE WITH VALVE BOX.
2. INSTALL NEW SIGNAGE AND NEW SIAMESE CONNECTION. SUCH SIGN SHALL HAVE THE LETTERS "FDC" AT LEAST 6 INCHES (152 MM) HIGH AND AN ARROW TO INDICATE THE LOCATION OF THE SIAMESE CONNECTION. SIGN SHALL BE LOCATED IN FRONT OF THE GAMES ROW NORTH BATHROOM AND POINTING IN THE DIRECTION OF THE SIAMESE CONNECTION. SIGN SHALL BE SUBJECT TO THE APPROVAL OF THE FIRE CODE OFFICIAL.
3. INSTALL NEW FIRE BELL AND CONNECT TO ALARM SYSTEM.
4. INSTALL NEW AIR COMPRESSOR AND AIR PIPING. AIR COMPRESSOR SHALL BE INSTALLED ON A CONCRETE PAD. LOCATION OF THE NEW AIR COMPRESSOR AND TANK SHALL BE LOCATED IN THE FIELD. PROVIDE A SHUT OFF VALVE ON THE PIPING FROM THE AIR COMPRESSOR.

DESIGN CRITERIA INFORMATION
DRY SYSTEM - 54 GALLONS

1. AREA OF APPLICATION = 2140 (2535 MAX PER CODE) SQ.FT.
   * NFPA-13, 2013 11.2.3.2.4 SLOPED CEILING AREA INCREASE
   * NFPA-13, 2013 11.2.3.2.5 DRY SYSTEM AREA INCREASE
2. OCCUPANCY CLASSIFICATION = ORDINARY HAZARD 2
3. MAXIMUM COVERAGE PER SPRINKLER HEAD 130 SQ. FT.
4. DESIGN DENSITY = 0.2 GPM/SQ.FT.
5. NUMBER OF SPRINKLER HEADS WITHIN AREA OF APPLICATION = 27
6. "K" FACTOR OF SPRINKLER HEADS = 5.6
7. SPRINKLER SYSTEM DEMAND = 896 GPM 90 PSI
8. DESIGN CRITERIA REQUIREMENTS BASED ON:
   * NEW YORK STATE BUILDING CODE (2020 EDITION)
     * NFPA-13, 2013

GENERAL NOTES:

1. ALL DISTRIBUTION PIPING, SHALL BE PAINTED RED. REFER TO SPECIFICATION FOR PAINT TYPE AND APPLICATION PROCEDURE.
2. COORDINATE WITH FACILITY PRIOR TO SHUTDOWN OF FIRE PROTECTION SYSTEM FOR ANY DEMOLITION AND CONSTRUCTION WORK.
3. CONTRACTOR SHALL PROVIDE FIRE WATCH AS NEEDED FOR ALL AFFECTED BUILDINGS WHILE SPRINKLER COVERAGE IS IMPACTED.
4. CONTRACTOR TO COORDINATE WITH FACILITY WHEN WORKING AROUND OR ABOVE THE RIDE COMPONENTS, AND PROVIDE ALL NECESSARY MEASURES TO PROTECT THESE COMPONENTS PER THE REQUIREMENTS OF THE FACILITY.
5. UPON COMPLETION, SYSTEM SHALL BE TESTED FOR PROPER OPERATION.



FIRE PROTECTION PARTIAL FIRST FLOOR SPRINKLER CONSTRUCTION PLAN

SCALE: 1/4" = 1'-0"

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LiRo Engineers, Inc. A LiRo Group Company, Syosset, N.Y. 516-214-8157[T]	STATE OF NEW YORK, FRANK F. ULISSE, LICENSED PROFESSIONAL ENGINEER, 090117					

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FIRE PROTECTION FIRST FLOOR SPRINKLER CONSTRUCTION PLAN

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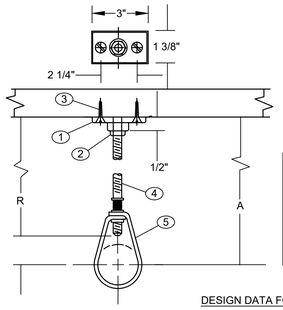


COMPONENTS

1. CLIP (CEILING FLANGE)
2. HEX NUT
3. WOOD SCREW
4. HANGER ROD
5. ADJUSTABLE HANGER RING

NFPA REQUIREMENTS / LIMITATIONS

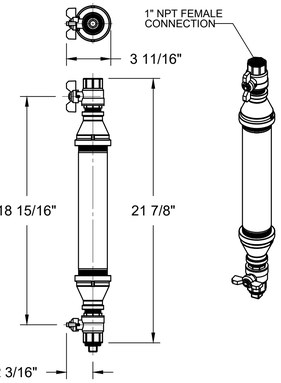
1. NFPA 13 PERMITS THE USE OF 2 SCREW CEILING FLANGES ONLY
2. HAVING DIMENSIONS NOT LESS THAN THOSE OF NO. 18 X 1 1/2" WOOD SCREWS. DRIVE SCREWS AND NAILS ARE NOT ACCEPTABLE FASTENERS AND WOOD SCREWS ARE NOT TO BE DRIVEN.
3. FOR PIPE SIZES UP TO 2" AND IT CALLS FOR THE USE OF SCREWS

DESIGN DATA FOR CLIP HANGERS

NOMINAL PIPE SIZE	MINIMUM A DIMENSION	HANGER TAKEOUT	ROD DIAMETER	FASTENERS	
	INCHES	INCHES	INCHES	QTY	ITEMS
1/2	3 3/4	-1 1/4	3/8	1 2 1	3/8" CEILING FLANGE (CLIP) NO. 18 X 1 1/2" FLAT HEAD WOOD SCREWS 3/8" HEX NUT
3/4	3 3/4	-1 1/4	"		SEE ABOVE
1	3 3/4	-1 1/4	"		" "
1 1/4	4	-1 1/2	"		" "
1 1/2	4	-1 1/2	"		" "
2	4 1/4	-1 3/4	"		" "

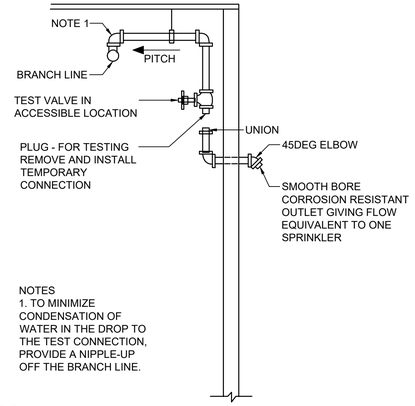
1 FP-81 PIPE HANGER DETAIL

SCALE: NOT TO SCALE



2 FP-81 DRY SYSTEM AUXILIARY DRAIN

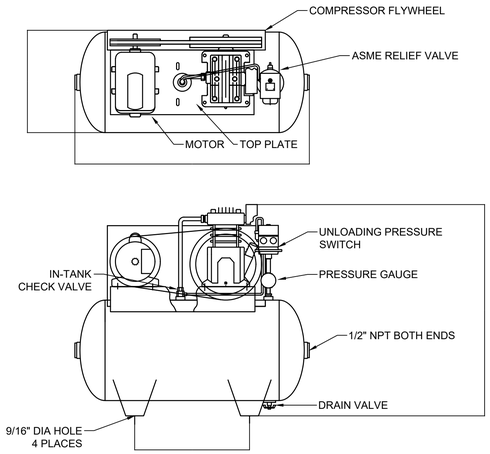
SCALE: NOT TO SCALE



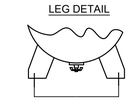
NOTES
1. TO MINIMIZE CONDENSATION OF WATER IN THE DROP TO THE TEST CONNECTION, PROVIDE A NIPPLE-UP OFF THE BRANCH LINE.

3 FP-81 DRY PIPE TEST CONNECTION

SCALE: NOT TO SCALE

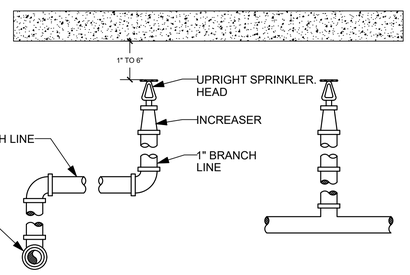


LEG DETAIL



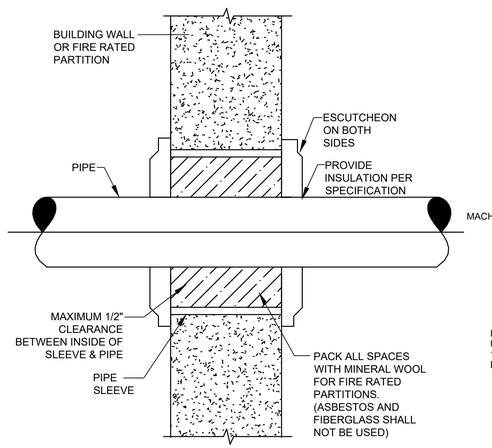
4 FP-81 DRY SYSTEM COMPRESSOR

SCALE: NOT TO SCALE



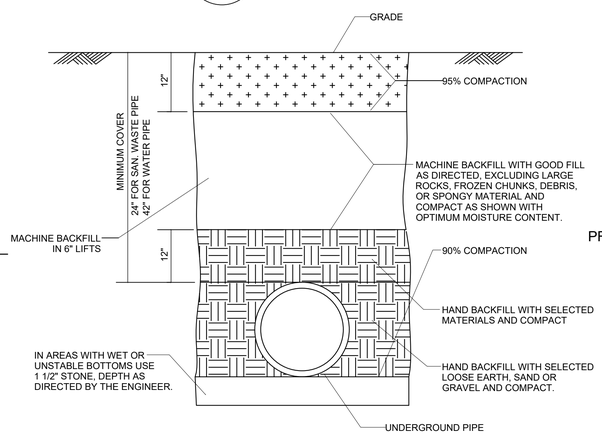
5 FP-81 UPRIGHT SPRINKLER DETAIL

SCALE: NOT TO SCALE



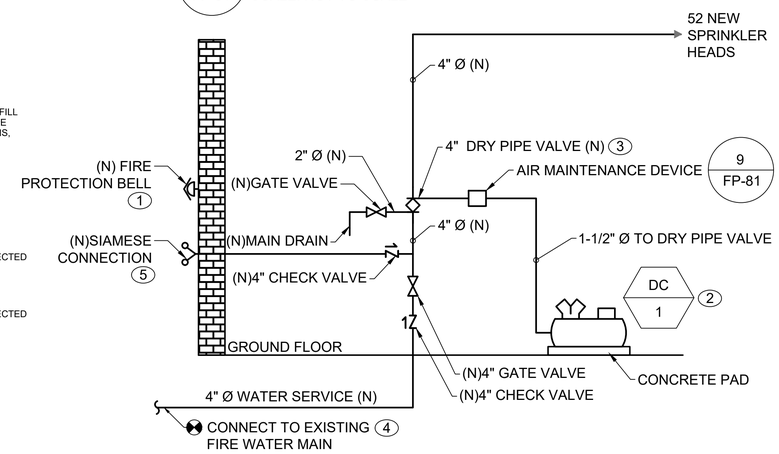
6 FP-81 PIPE PENETRATION

SCALE: NOT TO SCALE



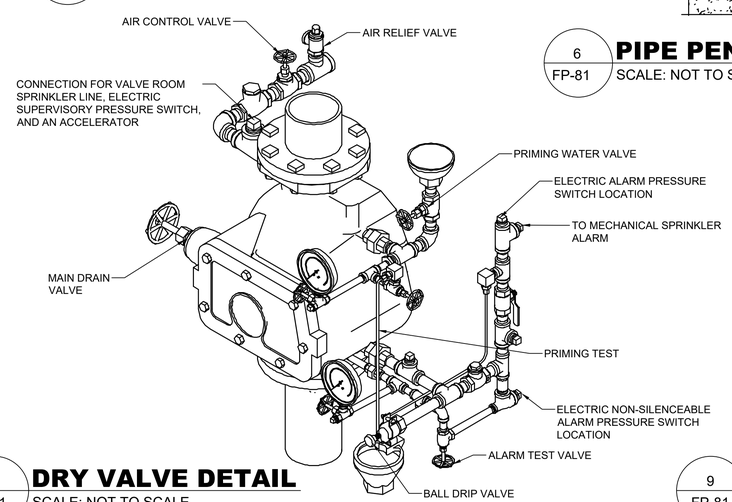
10 FP-81 PIPE TRENCH DETAIL

SCALE: NOT TO SCALE



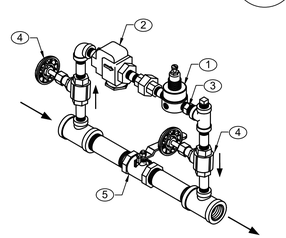
7 FP-81 RISER DIAGRAM

SCALE: NOT TO SCALE



8 FP-81 DRY VALVE DETAIL

SCALE: NOT TO SCALE

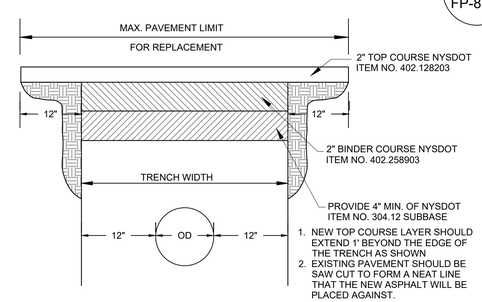


TRIMS:
1. REGULATOR, 5-100 PSI
2. STRAINER, 1/4" NPT, 90
3. CHECK VALVE, 1/4"
4. GLOBE VALVE, 1/4"
5. BALL VALVE, 3/4"

NOTES:
1. PROVIDE PRESSURE GAUGE UPSTREAM AND DOWNSTREAM OF AIR MAINTENANCE DEVICE.
2. PROVIDE RELIEF VALVE DOWNSTREAM OF AIR MAINTENANCE DEVICE, AND IT SHALL BE SET TO RELIEF PRESSURE NO LESS THAN 10 PSI IN EXCESS OF SYSTEM AIR PRESSURE PROVIDED.

9 FP-81 AIR MAINTENANCE DEVICE DETAIL

SCALE: NOT TO SCALE



1. NEW TOP COURSE LAYER SHOULD EXTEND 1' BEYOND THE EDGE OF THE TRENCH AS SHOWN
2. EXISTING PAVEMENT SHOULD BE SAW CUT TO FORM A NEAT LINE THAT THE NEW ASPHALT WILL BE PLACED AGAINST.

11 FP-81 ASPHALTIC MACADAM PAVEMENT REPLACEMENT

SCALE: NOT TO SCALE

FIRE PROTECTION CONSTRUCTION NOTES:

1. INSTALL NEW FIRE BELL AND RECONNECT TO EXISTING ALARM SYSTEM.
2. INSTALL NEW AIR COMPRESSOR AND AIR PIPING. AIR COMPRESSOR SHALL BE INSTALLED ON A CONCRETE PAD. LOCATION OF THE NEW AIR COMPRESSOR AND TANK SHALL BE LOCATED IN THE FIELD. PROVIDE A SHUT OFF VALVE ON THE PIPING FROM THE AIR COMPRESSOR.
3. INSTALL NEW 4" DRY VALVE. CONNECT FIRE ALARM DEVICES TO EXISTING SYSTEM.
4. CONNECT NEW 4" BUILDING FIRE SERVICE TO EXISTING FIRE MAIN.
5. INSTALL NEW SIGNAGE AND NEW SIAMESE CONNECTION. SUCH SIGN SHALL HAVE THE LETTERS "FDC" AT LEAST 6 INCHES (152 MM) HIGH AND AN ARROW TO INDICATE THE LOCATION OF THE SIAMESE CONNECTION. SIGN SHALL BE LOCATED IN FRONT OF THE BATHROOM AND POINTING IN THE DIRECTION OF THE SIAMESE CONNECTION. SIGN SHALL BE SUBJECT TO THE APPROVAL OF THE FIRE CODE OFFICIAL.

CONSULTANT INFORMATION

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CONSULTANT SEAL

STATE OF NEW YORK · FRANK F. ULISSE · LICENSED PROFESSIONAL ENGINEER · No. 090111

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PLUMBING SYMBOL LIST

IDENTIFIER	DESCRIPTION
——— – ———CW	NEW DOMESTIC COLD WATER
——— – – ———HW	NEW DOMESTIC HOT WATER
——— – – ———TW	NEW TEMPERED WATER
——— S ———	NEW SANITARY PIPING (ABOVE SLAB)
— — — - S - — — —	NEW SANITARY PIPING (UNDER SLAB)
-------- V ----------	NEW SANITARY VENT PIPING
	FIELD CONNECT
	FIELD DISCONNECT
F#	REFER TO SUPPLEMENTAL FIGURE INDICATED BY NUMBER (I.E. F2 REFERS TO FIGURE 2)
XXX / XX	EQUIPMENT TAG / EQUIPMENT NUMBER
XXX / X-XXX	DETAIL TAG/CALL OUT TAG / PLUMBING SHEET NUMBER

PIPING ELEMENTS/VALVING

- BACKFLOW PREVENTER (DOUBLE CHECK VALVE ASSEMBLY)
- BALL VALVE
- CAP ON END OF PIPE
- CLEANOUT
- FD — FLOOR DRAIN
- GATE VALVE
- HB — HOSE BIBB
- THERMOSTATIC MIXING VALVE
- VALVE IN VALVE BOX
- P-TRAP
- PIPE DROPPING DOWN
- PIPE RISING UP
- SWING CHECK VALVE
- TEE OUTLET DOWN
- TEE OUTLET UP
- VALVE IN RISE OR DROP
- W.C.O. — WALL CLEAN OUT
- WHA — WATER HAMMER ARRESTER
- NFHB — NON FREEZE HOSE BIBB IN BOX W/VACUUM BREAKER

SCOPE OF WORK

PLUMBING SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO:

1. THE INSTALLATION OF NEW PLUMBING FIXTURES AND ALL ASSOCIATED PIPING AND ACCESSORIES.

2. THE INSTALLATION OF NEW SANITARY AND DOMESTIC WATER SERVICES.

NOTE: THIS SCOPE OF WORK DESCRIPTION IS PROVIDED TO GIVE AN OVERALL "MACRO" DESCRIPTION OF THIS PROJECT .P.C. IS RESPONSIBLE TO REVIEW ALL ENGINEERING & ARCHITECTURAL DRAWINGS & VISIT THE SITE IF NEEDED, PRIOR TO SUBMISSION OF BID.

CODE REFERENCE

2020 NEW YORK STATE BUILDING CODE
2020 NEW YORK STATE MECHANICAL CODE
2020 NEW YORK STATE PLUMBING CODE
2020 NEW YORK STATE ENERGY CONSERVATION CODE

SECTION 704
DRAINAGE PIPING INSTALLATION

704.1 SLOPE OF HORIZONTAL DRAINAGE PIPING.

HORIZONTAL DRAINAGE PIPING SHALL BE INSTALLED IN UNIFORM ALIGNMENT AT UNIFORM SLOPES. THE MINIMUM SLOPE OF HORIZONTAL DRAINAGE PIPE SHALL BE IN ACCORDANCE WITH TABLE 704.1.

TABLE 704.1
SLOPE OF HORIZONTAL DRAINAGE PIPE

SIZE (INCHES)	MINIMUM SLOPE (INCH PER FOOT)
2 1/2 OR LESS	1/4
3 TO 6	1/8
8 OR LARGER	1/16

LEED NOTES

1. ALL ADHESIVES, SEALANTS, PAINTS & COATINGS APPLIED TO THE INTERIOR OF THE BUILDING (WITHIN THE WEATHER PROOFING SYSTEM ,INCLUDING WALL CAVITIES) MUST NOT EXCEED THE LEED VOC LIMITS. PROVIDE A VOC SUBMITTAL AND MSDS FOR ALL ADHESIVES, SEALANTS, PAINTS AND COATINGS TO BE APPLIED.

PLUMBING GENERAL NOTES:

1. ALL PLUMBING WORK UNDER THIS CONTRACT SHALL CONFORM TO THE LATEST EDITION OF THE PLUMBING CODE OF NEW YORK STATE (PC-NYS), THE NEW YORK STATE ENERGY CODE, AND THE REQUIREMENTS OF THE UTILITY AND THE LOCAL WATER COMPANY.
2. ALL MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE.
3. THE PLUMBING CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ALL LABOR AND MATERIALS SUPPLIED AND INSTALLED UNDER THIS CONTRACT AND SHALL GUARANTEE THE WORK PERFORMED UNDER THIS CONTRACT FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF ACCEPTANCE OF THIS WORK.
4. PLUMBING CONTRACTOR SHALL CONSULT WITH, COOPERATE AND COORDINATE WITH THE GENERAL CONTRACTOR, MECHANICAL CONTRACTOR, SPRINKLER CONTRACTOR, ELECTRICAL CONTRACTOR, ETC. IN ORDER TO MINIMIZE INTERFERENCES BETWEEN TRADES DURING PERFORMANCE OF THIS WORK.
5. THE PLUMBING CONTRACTOR SHALL PREPARE AND FILE ALL REQUIRED PLANS AND PERMITS WITH THE LOCAL AUTHORITIES. PC SHALL PAY THE FILING FEES AS REQUIRED. PC SHALL OBTAIN ALL APPROVALS AND SHALL PAY FOR ALL WORK PERMITS, INSPECTIONS AND SIGN-OFFS AS REQUIRED TO EXECUTE THIS WORK IN A MANNER IN CONFORMANCE WITH THE CODES AND AUTHORITIES HAVING JURISDICTION.
6. THE PLUMBING CONTRACTOR SHALL PERFORM ALL TESTS AND ARRANGE FOR ALL INSPECTIONS FOR WORK UNDER HIS CONTRACT AS REQUIRED BY LAW AND SHALL SUPPLY ALL CERTIFICATES OF INSURANCE AS REQUIRED BY THE LAW AND THE OWNER. REFER TO SECTION 107 (INSPECTIONS) OF THE PC-NYS.
7. THE PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO ALL PLUMBING EQUIPMENT REGARDLESS WHETHER ILLUSTRATED HEREIN WITHOUT ANY ADDITIONAL COSTS TO THE OWNER.
8. PLUMBING CONTRACTOR SHALL VISIT THE SITE & BECOME FAMILIAR WITH THE EXISTING CONDITIONS, INCLUDING THE SIZE OF CONNECTIONS, ROUGHING DIMENSIONS, ETC. BEFORE SUBMITTING A QUOTATION FOR THE WORK.
9. PLUMBING CONTRACTOR SHALL PERFORM ALL CUTTING, EXCAVATION, BACKFILLING, ROUGH & FINISH PATCHING AS PER THE SPECIFICATIONS AS REQUIRED FOR THE INSTALLATION OF THE WORK, UNLESS NOTED OTHERWISE.
10. ALL CONNECTIONS TO NEW AND/OR EXISTING EQUIPMENT SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
11. IT IS THE INTENT OF THIS CONTRACT THAT THE COMPLETED WORK BE FULLY OPERATIONAL.
12. ALL PIPE HANGERS AND SUPPORTS SHALL BE INSTALLED AT INTERVALS AND BE FABRICATED OF MATERIALS AS REQUIRED BY THE PC-NYS.
13. ALL NEW PLUMBING FIXTURES SHALL BE INSTALLED WITH ANGLE STOP VALVES IN THE SUPPLY LINES SERVING THE FIXTURE.
14. ALL NEW EXPOSED WATER AND WASTE PIPING SERVING THE FIXTURES SHALL BE CHROME PLATED AND SHALL HAVE CHROME PLATED ESCUTCHEONS RIGIDLY ATTACHED TO THE PIPING AT THE POINT OF WALL OR FLOOR PENETRATIONS.
15. PLUMBING CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL NEW PLUMBING FIXTURES AND EQUIPMENT TO BE SUPPLIED AND INSTALLED UNDER THIS CONTRACT FOR APPROVAL BEFORE INSTALLATION OF SAME.
16. WATERPROOF PIPE SLEEVES SHALL BE INSTALLED AT ALL PENETRATIONS THROUGH EXTERIOR WALLS. PIPE SLEEVES SHALL BE INSTALLED AT ALL WALL PENETRATIONS THROUGH INTERIOR WALLS AND FLOORS.
17. WATER HAMMER ELIMINATORS (APPROVED - FIELD FABRICATED OR MANUFACTURED) SHALL BE INSTALLED AT ALL RUN OUTS IN HOT AND/OR COLD WATER LINES SERVING TOILET ROOMS AND OTHER AREAS WHICH INCORPORATE "RAPID - ACTION" VALVES SUCH AS FLUSHOMETERS, SOLENOID VALVES, ETC.
18. ALL PIPING SHALL BE TESTED AT A MINIMUM PRESSURE OF 1-1/2 TIMES THE MAXIMUM OPERATING PRESSURE UNLESS OTHERWISE NOTED ON THE DOCUMENTS OR THE PLUMBING CODE AND IN ACCORDANCE WITH THE UTILITY REQUIREMENTS.
19. ALL REMOVALS PERFORMED UNDER THIS CONTRACT SHALL INCLUDE REMOVAL OF ALL DEBRIS AND DISPOSAL AT AN APPROPRIATE SITE.
20. ALL LAVATORIES DESIGNED FOR USE BY PERSONS CONFINED TO WHEELCHAIRS SHALL HAVE THE HOT & COLD WATER SERVICES, AS WELL AS THE TRAP, RECESSED & INSULATED IN ACCORDANCE WITH ADA REQUIREMENTS.
21. REFER TO THE ARCHITECTURAL PLANS FOR ALL STRUCTURAL DIMENSIONS.
22. ALL WORK TO BE COORDINATED WITH OTHER TRADES.
23. ALL PIPING PENETRATIONS TO BE SEALED AROUND WITH "NELSON" FIRE SEAL.
24. ALL WATER SERVICE PIPING WITHIN THE BUILDING IS TO BE INSULATED IN ACCORDANCE WITH ALL NEW YORK STATE PLUMBING CODE (NYS-PC) AND NYS ENERGY CODES.
25. ALL PLUMBING FIXTURES TO BE INSTALLED AS PER FACTORY RECOMMENDATIONS.
26. ALL PLUMBING FIXTURES TO BE TRAPPED, VENTED AND PROVIDED WITH AIR SHOCKS WHEN REQUIRED.
27. PLUMBING FIXTURES SHALL COMPLY WITH "WATER CONSERVATION" REQUIREMENT AS DETAILED IN THE NYS-PC.
28. GC IS RESPONSIBLE TO SUBMIT APPLICATION AND TAP FEES TO LOCAL WATER AUTHORITY AND HAVE OWNER FILL OUT APPLICATION UPON COMPLETION OF PLUMBING ROUGH-IN INSPECTION.
29. ALL WATER AND HORIZONTAL STORM DRAIN PIPING INCLUDING ROOF DRAIN BODY SHALL BE INSULATED.
30. FLOOR DRAINS AND FLOOR CLEAN-OUTS SHALL BE SET LEVEL WITH FINISHED FLOORS.
31. ALL PIPE DIMENSIONS ARE INSIDE CLEAR.
32. ALL PLUMBING FIXTURES TO HAVE ISOLATION VALVES.
33. P.C. IS RESPONSIBLE TO ADJUST HOT WATER HEATER (WH) TEMPERATURE TO ENSURE A TEMPERATURE RANGE OF 110°F TO 120°F AT THE INDIVIDUAL FIXTURE OUTPUT. P.C. MUST ENSURE A TEMPERATURE OF 120° F MAXIMUM AT THE FIXTURES TO PREVENT SCALDING.
34. BUILDING DOMESTIC WATER DEMAND & SIZING IS CALCULATED FROM NYS-PC SECTION 603, 604 & APPENDIX E.
35. BUILDING SANITARY DEMAND & SIZING IS CALCULATED FROM NYS-PC SECTIONS 709 AND 710.
36. ALL DFU CALCULATIONS ARE BASED OFF OF TABLE 709.1 OF THE NYS-PC.
37. ALL SANITARY WATER PIPING SHALL BE PITCHED IN ACCORDANCE WITH NYS-PC SECTION 704 BASED ON TABLE 704.1 SLOPE OF HORIZONTAL DRAINAGE PIPE.
38. ALL VENT SIZING IS BASED OFF OF SECTION 916 OF THE NYS PLUMBING CODE.
39. ALL PLUMBING EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS/SPECIFICATIONS.

ABBREVIATIONS:

AD	ACCESS DOOR
BFP	BACKFLOW PREVENTER
CO	CLEAN OUT
CW	COLD WATER
DCV	DOUBLE CHECK VALVE
DFU	DRAINAGE FIXTURE UNIT
DPCO	DECK PLATE CLEAN OUT
FC	FIELD CONNECT
FD	FLOOR DRAIN
FFD	FUNNEL FLOOR DRAIN
FU	FIXTURE UNIT
HW	HOT WATER
HWR	HOT WATER RETURN
IAW	IN ACCORDANCE WITH
IWFD	INDIRECT WASTE FUNNEL DRAIN
LAV	LAVATORY
JS	JANITOR'S SINK
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NYS-PC	NEW YORK STATE PLUMBING CODE
RD	ROOF DRAIN
S	SANITARY
SD	STORM DRAIN
TMV	THERMOSTATIC MIXING VALVE
U.O.N.	UNLESS OTHERWISE NOTED
UR	URINAL
V	VENT
WC	WATER CLOSET
PC	PLUMBING CONTRACTOR
MC	MECHANICAL CONTRACTOR
TYP.	TYPICAL
VIF	VERIFY IN FIELD
WCO	WALL CLEAN OUT
WFU	WATER FIXTURE UNITS

THE ABBREVIATIONS ARE SHOWN FOR GENERAL REFERENCE ONLY. THE PRESENCE OF AN ABBREVIATION ON THIS LIST DOES NOT IMPLY ITS USE ON THIS PROJECT. REFER TO DRAWINGS FOR SPECIFIC ABBREVIATIONS USED.

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	SERVICE						BASED ON:			REMARKS
		TRAP	S/W	V	CW	TW	HW	ITEM	MANUFACTURER	MODEL	
PF-1	WALL MOUNTED WATER CLOSET	-	4"	2"	1-1/2"	-	-	BOWL FLUSH VALVE SEAT CARRIER	SLOAN	ST-2459	FLUSH VALVE SLOAN 8111 SFSM-1.28
PF-2	WALL MOUNTED URINAL	-	2"	2"	3/4"	-	-	FLUSH VALVE CARRIER	SLOAN	SU-1009	FLUSH VALVE SLOAN 186 SFSM-1.28
PF-3	LAVATORY - WALL-MOUNT	1-1/2"	1-1/2"	1-1/2"	-	1/2"	-	FAUCET SUPPORT DRAIN TRIM	DURAVIT	2350500030	FAUCET AMERICAN STANDARD 702B.103
PF-5	SERVICE SINK	3"	3"	2"	1/2"	-	1/2"	FAUCET DRAIN TRIM	MUSTEE	63M	FAUCET AMERICAN STANDARD 8344.212
PF-6	DRINKING FOUNTAIN (BI-LEVEL) W/BOTTLE FILLING	1-1/2"	1-1/2"	1-1/2"	3/4"	-	-	CARRIER	ELKAY	LK4409BF	

NOTES:
1. PROVIDE ALL REQUIRED HANGERS, MOUNTING BRACKETS, AND HARDWARE FOR A COMPLETE INSTALLATION PER MANUFACTURES INSTRUCTIONS.
2. PROVIDE ALL LAVATORIES WITH POWER KIT PK00.WRK BATTERY PACK W/HOLDER AND MIXING VALVE 605XTMV1070.

ELECTRIC DOMESTIC HOT WATER HEATER SCHEDULE

TAG	MANUFACTURER	MODEL	LOCATION	HEATER STORAGE (GAL)	HEATER KW	STORAGE WATER TEMP SETPOINT (DEG F)	HEATER RECOVERY (GPH @ 100F RISE)	ELECTRICAL		DIMENSION	APPROX. SHIPPING WEIGHT (LBS)
								V-PH-HZ	AMPS	HxDIA. (IN)	
WH-1	BRADFORD WHITE	LE250S3-5	JANITOR'S CLOSETS	50	4.5	140	18	208-1-60	21.63	47.625x22	130

NOTES:

FLOOR DRAIN SCHEDULE

TAG	TYPE	MANUFACTURER	MODEL	SERVICE
FD-1	ADJUSTABLE	ZURN	FD-2320-R5	ALL SPACES

NOTES:
1. PROVIDE THE FOLLOWING FOR FD-1; CHORME PLATED STRAINER ASSEMBLY, 1/2" TRAP PRIMER CONNECTION, 6" NICKEL HEAD ASSEMBLY, AND VANDAL PROOF.

CLEANOUT SCHEDULE

TAG	TYPE	MANUFACTURER	MODEL
CO	ADJUSTABLE DECK PLATE CLEAN OUT	WATTS	CO-1200-R
WCO	WALL CLEANOUT	WATTS	CO-450-RD

DOUBLE CHECK VALVE SCHEDULE

TAG	MANUFACTURER	MODEL	LOCATION	SIZE (IN)	PRESSURE DROP (PSI)
DCV-1	WATTS	LF007-OSY	SPRINKLER EQUIP. ROOM	3	5.5

NOTES:
1. PROVIDE STRAINER WITH DOUBLE CHECK VALVE.

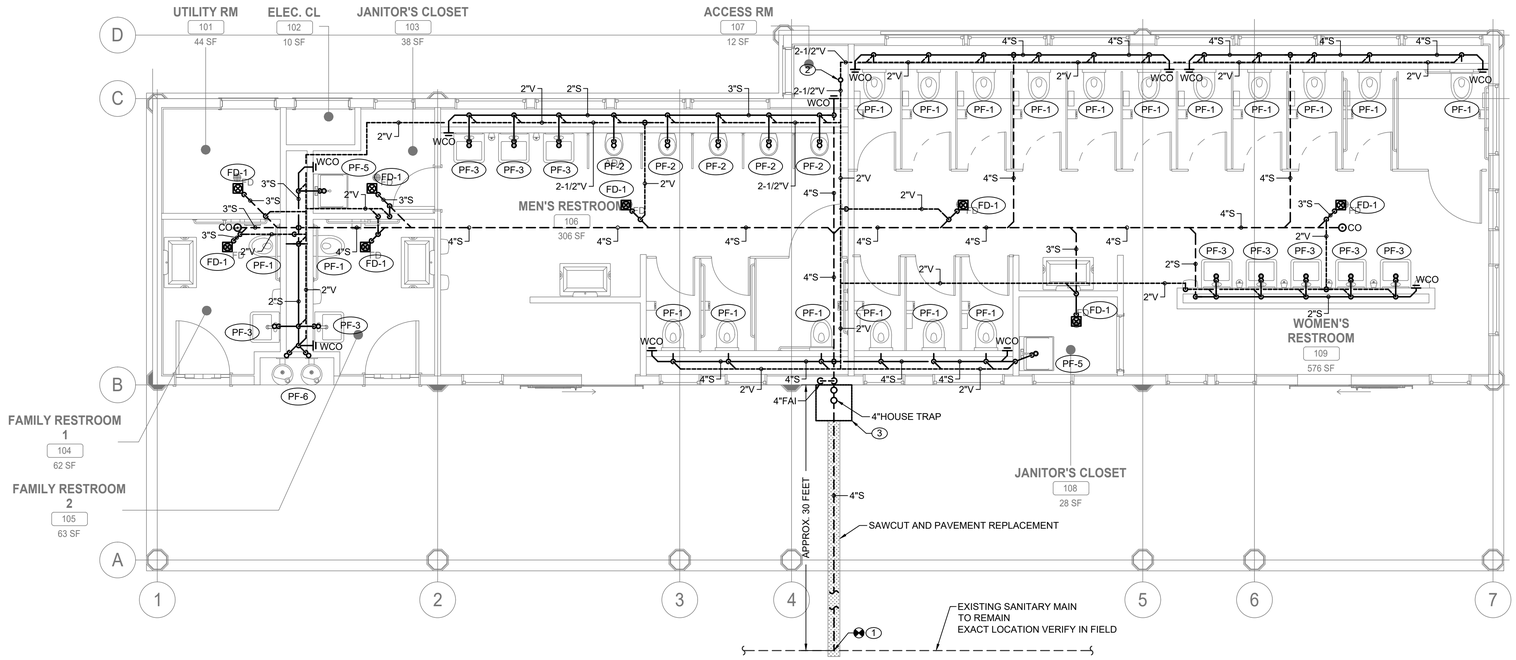
TRAP PRIMER

TAG	MANUFACTURER	MODEL
TP-1	PRECISION PLUMBING PRODUCTS	P1-500

NOTES:
1. INSTALL MINIMUM 12" A.F.F.
2. MAXIMUM 20' FROM FLOOR DRAIN
3. INSTALL WITH A SHUT OFF VALVE ON THE INLET AND A UNION CONNECTION ON THE OUTLET.

PLUMBING DRAWING LIST

SHEET NO.	SHEET NAME	REVISON NO.	REVISION DATE
RCX-P-01	PLUMBING NOTES, SYMBOLS, ABBREVIATIONS AND DRAWING LIST	0	-
RCX-P-21	PLUMBING CONSTRUCTION FLOOR PLAN	0	-
RCX-P-61	PLUMBING RISER DIAGRAMS	0	-
RCX-P-81	PLUMBING DETAILS	0	-



PLUMBING FIRST FLOOR SANITARY AND VENT CONSTRUCTION PLAN

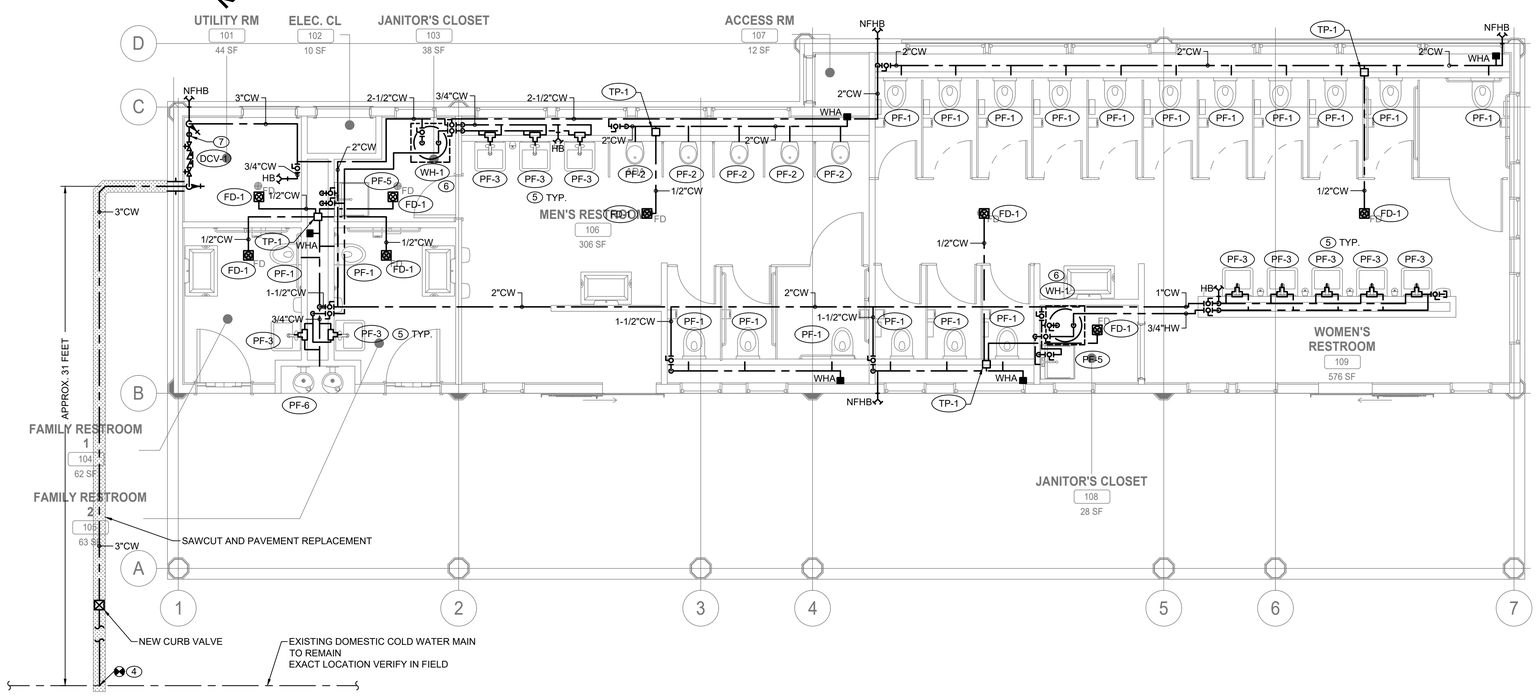
SCALE: 1/4" = 1'-0'

PLUMBING CONSTRUCTION NOTES:

1. CONNECT NEW 4" SANITARY SERVICE TO EXISTING SEWER MAIN LOCATED AT CROSS-AXIS ALLEY WEST. CONTRACTOR TO VERIFY THE INVERT, SIZE, AND MATERIAL OF THE EXISTING SEWER PIPING TO FACILITATE NEW SANITARY SERVICE CONNECTION.
2. PROVIDE NEW 4" VENT THRU ROOF.
3. PROVIDE NEW 4"HOUSE TRAP UNDER DECK. PROVIDE ACCESS DOOR THRU DECK FOR MAINTENANCE. PROVIDE 4" FRESH AIR INTAKE THRU EXTERIOR WALL. TERMINATE VENT WITH INSECT SCREEN. HOUSE TRAP SHALL BE PROTECTED FROM FREEZING.
4. CONNECT NEW 3" DOMESTIC COLD WATER SERVICE TO EXISTING WATER MAIN LOCATED AT CROSS-AXIS ALLEY WEST. PROVIDE CURB VALVE WITH VALVE BOX.
5. PROVIDE MIXING VALVE BELOW LAVATORY FOR TEMPERED WATER.
6. PROVIDE NEW ELECTRIC WATER HEATER FOR LAVATORIES AND SERVICE SINK ON 4" HIGH CONCRETE PAD.
7. PROVIDE A COMPRESSED AIR CONNECTION FOR WINTERIZING.

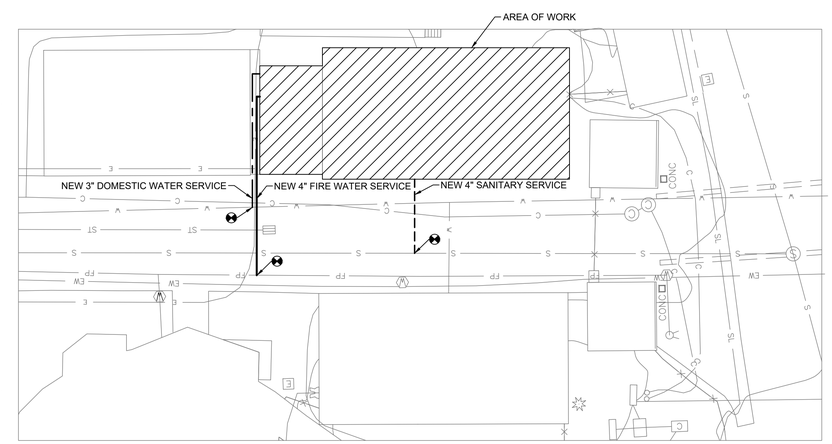
GENERAL NOTES:

1. COORDINATE WITH FACILITY PRIOR TO SHUTDOWN OF WATER DISTRIBUTION SYSTEM FOR ANY DEMOLITION AND CONSTRUCTION WORK.
2. PROVIDE DRAIN VALVES FOR EACH BRANCH AT BOTTOM OF CHASES. PROVIDE ACCESS PANELS TO ALL VALVES ABOVE CEILING AND BEHIND WALLS.
3. INSTALL NEW WATER PIPING WITH PROPER SLOPES TO AVOID WATER TRAPS DURING WINTER SEASON.
4. CONTRACTOR TO COORDINATE WITH FACILITY WHEN WORKING AROUND OR ABOVE THE RIDE COMPONENTS, AND PROVIDE ALL NECESSARY MEASURES TO PROTECT THESE COMPONENTS PER THE REQUIREMENTS OF THE FACILITY.
5. UPON COMPLETION, SYSTEM SHALL BE TESTED FOR PROPER OPERATION.
6. SEWER CROSSING WATER MAINS, CONDUITS, OR OTHER UTILITY SHALL BE MINIMUM 18" CLEARANCE BETWEEN THE OUTSIDE OF THE UTILITY AND OUTSIDE OF THE SEWER. THE CROSSINGS SHALL BE ARRANGED SO THAT THE SEWER JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS.



PLUMBING FIRST FLOOR DOMESTIC WATER CONSTRUCTION PLAN

SCALE: 1/4" = 1'-0'



PLUMBING SITE PLAN CONSTRUCTION PLAN

SCALE: N.T.S.

CONSULTANT INFORMATION

LiRo Engineers, Inc.
A LiRo Group Company
Syosset, N.Y. 516-214-8157[T]

CONSULTANT SEAL

STATE OF NEW YORK · FRANK F. ULISSE · 090111 · LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

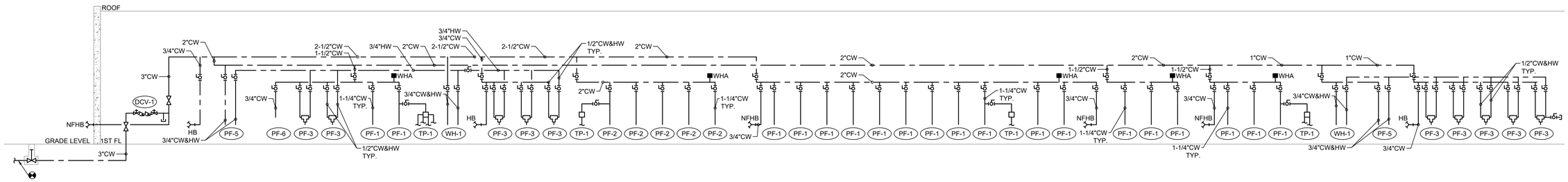
CONTRACTOR: NAME / SIGNATURE / TITLE / DATE

PROJECT COORDINATOR: NAME / SIGNATURE / TITLE / DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

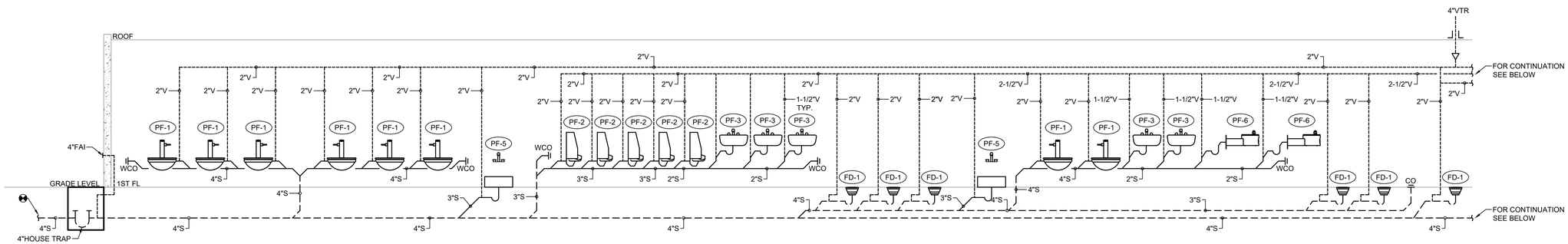
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
CROSS AXIS RESTROOMS
PLUMBING FIRST FLOOR DOM./SAN./VENT CONSTRUCTION PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-P-21
DWG NO.:	Page 183 of 387
SCALE:	AS NOTED
DATE:	09/16/2020
DPW FILE NUMBER	1-118-M-183
REV. NO.	0



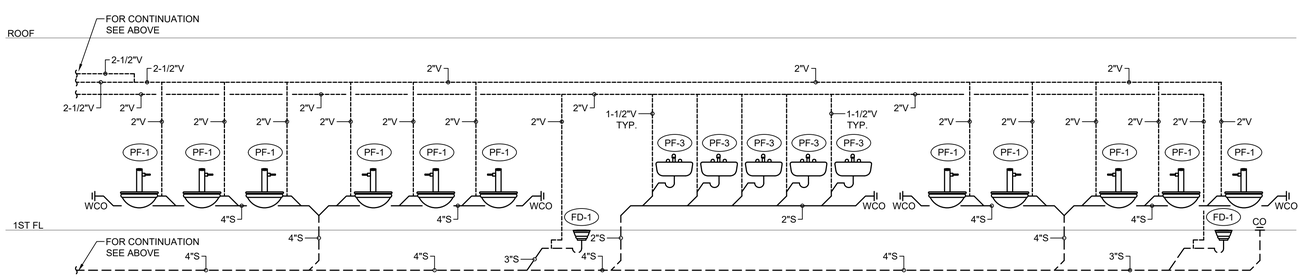
1 P-61 **DOMESTIC WATER RISER DIAGRAM**

SCALE: NOT TO SCALE



2 P-61 **SANITARY RISER DIAGRAM (PART I)**

SCALE: NOT TO SCALE

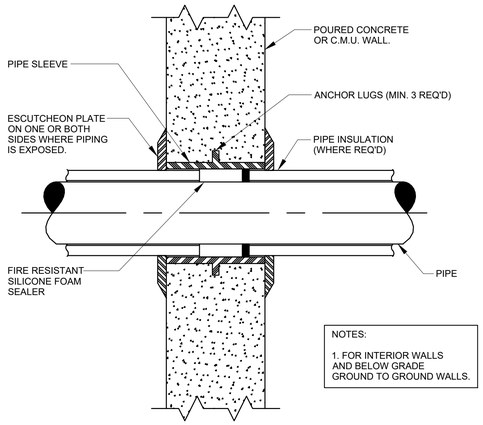


3 P-61 **SANITARY RISER DIAGRAM (PART II)**

SCALE: NOT TO SCALE

GENERAL NOTES:

1. SANITARY AND DOMESTIC WATER RISER DIAGRAM IS PROVIDED AS A SCHEMATIC AID DELINEATING PROJECT SCOPE. CONTRACTOR SHALL FIELD-VERIFY CONDITIONS AND COMPLY WITH ALL PLUMBING REQUIREMENTS OF THE NEW YORK STATE BUILDING CODE.
2. ALL DOMESTIC WATER AND SANITARY PIPING SHALL BE IN FULL CONFORMANCE WITH THE NEW YORK STATE PLUMBING CODE.
3. PROVIDE AN AIR CHAMBER AT LEAST THE SIZE OF THE SUPPLY PIPE AT THE TOP OF EACH HOT AND COLD WATER RISER.
4. PROVIDE ALL REQUIRED OFFSETS, FITTINGS, VALVES, TRAPS, DRAINS, ETC., EVEN THOUGH TROUGH NOT INDICATED DUE TO SMALL SCALE OF THE DRAWING.
5. CHECK DRAWINGS OF OTHER TRADES AND ARRANGE WORK TO AVOID CONFLICTS.
6. USE REDUCING FITTINGS FOR CHANGES OF PIPE SIZE. USE NO BUSHING EXCEPT WITH SPECIAL PERMISSION.
7. PROVIDE CONTROL GATE VALVES WHERE NOTED OR REQUIRED FOR COMPLETE REGULATING CONTROL OF ALL SYSTEM, PLUMBING FIXTURES, AND EQUIPMENT. VALVES: ACCESSIBLE BUT NO VALVES INSTALLED WITH HANDLES POINTING DOWN.
8. PROVIDE DRAIN VALVES FOR EACH BRANCH AT BOTTOM OF CHASES. PROVIDE ACCESS PANELS TO ALL VALVES ABOVE CEILING AND BEHIND WALLS.
9. INSTALL NEW WATER PIPING WITH PROPER SLOPES TO AVOID WATER TRAPS DURING WINTER SEASON.

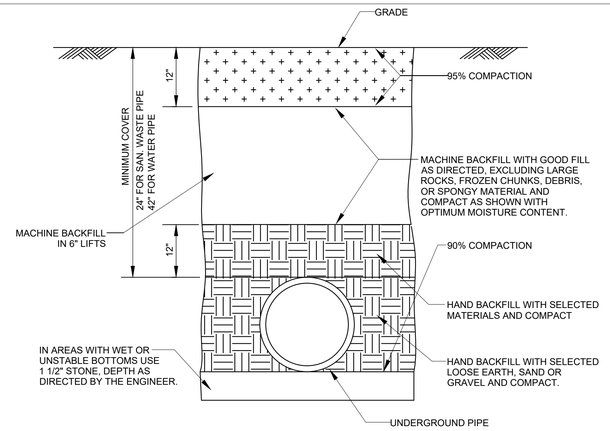


NOTES:

1. FOR INTERIOR WALLS AND BELOW GRADE GROUND TO GROUND WALLS.

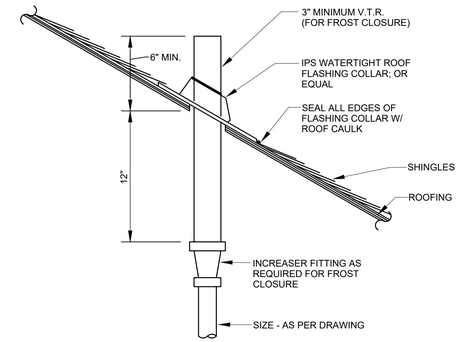
1 / P-81 PIPE SLEEVE THROUGH WALL DETAIL

SCALE: NOT TO SCALE



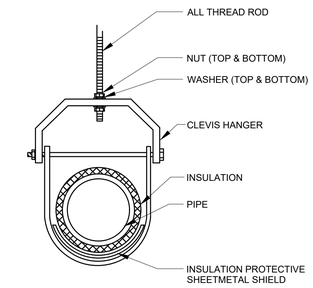
2 / P-81 PIPE TRENCH DETAIL

SCALE: NOT TO SCALE



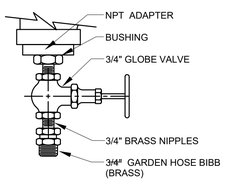
3 / P-81 PLUMBING VENT THROUGH PITCHED ROOF DETAIL

SCALE: NOT TO SCALE



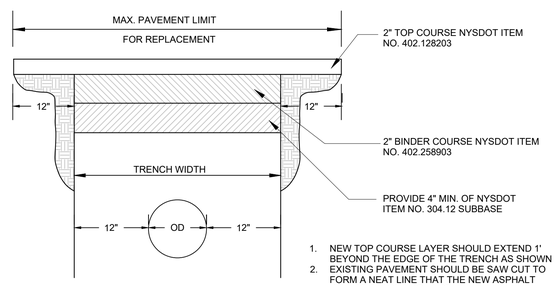
4 / P-81 TYPICAL CLEVIS HANGER DETAIL

SCALE: NOT TO SCALE



5 / P-81 DRAIN VALVE DETAIL

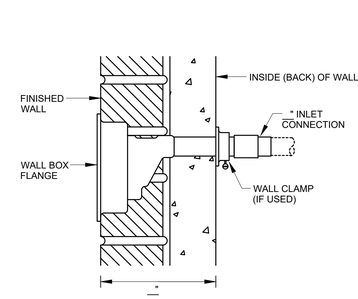
SCALE: NOT TO SCALE



1. NEW TOP COURSE LAYER SHOULD EXTEND 1' BEYOND THE EDGE OF THE TRENCH AS SHOWN
2. EXISTING PAVEMENT SHOULD BE SAW CUT TO FORM A NEAT LINE THAT THE NEW ASPHALT WILL BE PLACED AGAINST.

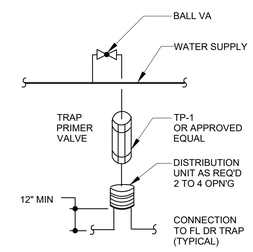
6 / P-81 ASPHALTIC MACADAM PAVEMENT REPLACEMENT

SCALE: NOT TO SCALE



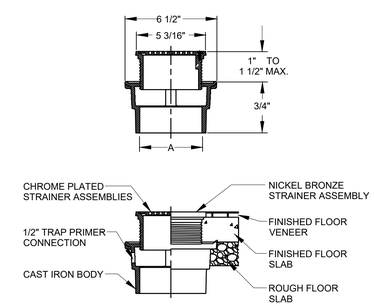
7 / P-81 FREEZE PROOF WALL HYDRANT

SCALE: NOT TO SCALE



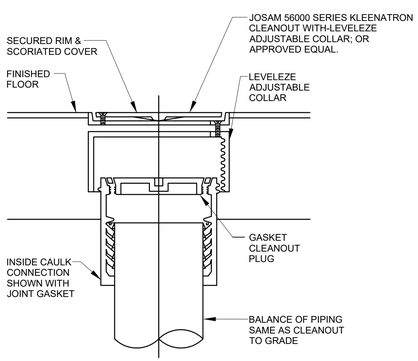
8 / P-81 TRAP PRIMER DETAIL

SCALE: NOT TO SCALE



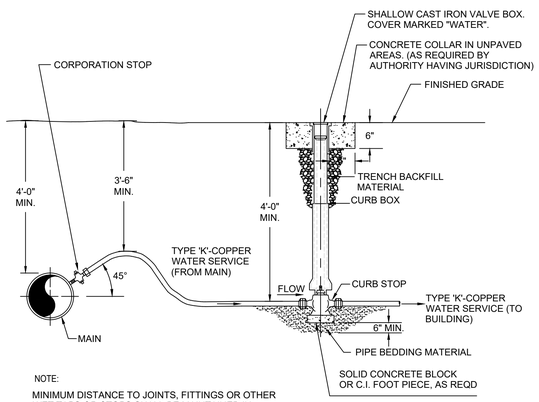
9 / P-81 FLOOR DRAIN DETAIL

SCALE: NOT TO SCALE



10 / P-81 FLOOR CLEANOUT DETAIL

SCALE: NOT TO SCALE

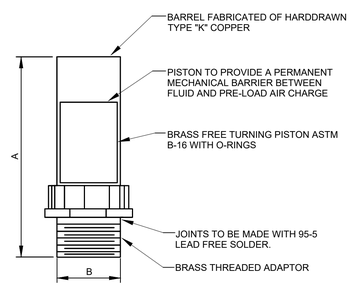


NOTE:

MINIMUM DISTANCE TO JOINTS, FITTINGS OR OTHER WET TAPS OR STOPS SHALL BE MAINTAINED IN ACCORDANCE WITH REGULATORY AGENCY.

11 / P-81 COPPER WATER SERVICE AND CURB STOP

SCALE: NOT TO SCALE

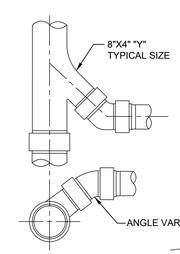


PPP SIZE	P.D.I. SYMBOL	FIXTURE UNIT RATINGS	A SIZE	B SIZE
1/2"	A	1 - 11	5"	1/2"
3/4"	B	12 - 32	5"	3/4"
1"	C	33 - 60	7"	1"
1-1/4"	D	61 - 113	7"	1-1/4"
1-1/2"	E	114 - 154	9"	1-1/2"
2"	F	155 - 330	9"	2"

NOTE: SEE WATER RISER DIAGRAMS FOR LOCATIONS OF WATER HAMMER ARRESTORS.

12 / P-81 WATER HAMMER ARRESTOR DETAIL

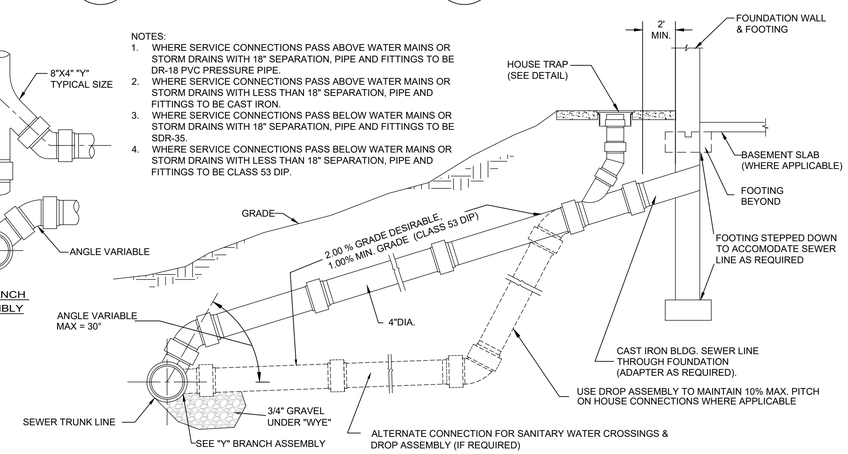
SCALE: NOT TO SCALE



"Y" BRANCH ASSEMBLY

NOTES:

1. WHERE SERVICE CONNECTIONS PASS ABOVE WATER MAINS OR STORM DRAINS WITH 18" SEPARATION, PIPE AND FITTINGS TO BE DR-18 PVC PRESSURE PIPE.
2. WHERE SERVICE CONNECTIONS PASS ABOVE WATER MAINS OR STORM DRAINS WITH LESS THAN 18" SEPARATION, PIPE AND FITTINGS TO BE CAST IRON.
3. WHERE SERVICE CONNECTIONS PASS BELOW WATER MAINS OR STORM DRAINS WITH 18" SEPARATION, PIPE AND FITTINGS TO BE SDR-35.
4. WHERE SERVICE CONNECTIONS PASS BELOW WATER MAINS OR STORM DRAINS WITH LESS THAN 18" SEPARATION, PIPE AND FITTINGS TO BE CLASS 53 DIP.



13 / P-81 SEWER SERVICE CONNECTION/ DROP ASSEMBLY

SCALE: NOT TO SCALE

CONSULTANT INFORMATION

LiRo Engineers, Inc.
A LiRo Group Company
Syosset, N.Y. 516-214-8157[T]

CONSULTANT SEAL

STATE OF NEW YORK · FRANK F. GUISE · LICENSED PROFESSIONAL ENGINEER · 090170

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR: NAME / SIGNATURE / TITLE / DATE

PROJECT COORDINATOR: NAME / SIGNATURE / TITLE / DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
CROSS AXIS RESTROOMS
PLUMBING DETAILS

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-P-81
DWG NO.:	Page 185 of 387
SCALE:	AS NOTED
DATE:	09/16/2020
DPW FILE NUMBER	1-118-M-185
REV. NO.	0

TABLE 1: ENERGY CODE ANALYSIS TABLE FOR MECHANICAL SYSTEMS

(PER 2020 NYS ENERGY CODE)

ITEM DESCRIPTION			PROPOSED VALUE	CODE PRECRIBED VALUE AND CITATION	CITATION	SUPPORTING DOCUMENTATION
	UNIT TAG	EQUIPMENT TYPE				
HVAC SYSTEM CONTROLS	UNIT HEATERS	THERMOSTATIC CONTROLS	THERMOSTATS	THERMOSTATIC CONTROLS FOR HVAC SYSTEM	C403.2.6	MECHANICAL SCHEDULES
PIPE INSULATION	HOT WATER	HOT WATER	<1"=2.5" TO < 4" = 2.5"; 4" TO ≤ 8 = 3.0"	<1"=2.5" TO < 4" = 2.5"; 4" TO ≤ 8 = 3.0"	C403.2.8	MECHANICAL/PLUMBING DWGS. & SPECS
SHUTOFF DAMPERS			MOTORIZED DAMPER INSTALLED AT EXHAUST & INTAKE OPENINGS	MOTORIZED DAMPER INSTALLED AT QA SUPPLY AND EXHAUST OPENINGS	C403.2.4.4.2	MECHANICAL SCHEDULES AND PLANS
DUCT LEAKAGE			SMACNA HVAC DUCT LEAKAGE TEST	SMACNA HVAC DUCT LEAKAGE TEST	PER C403	MECHANICAL/PLUMBING DWGS. & SPECS

TABLE 2: ENERGY CODE COMPLIANCE INSPECTIONS FOR MECHANICAL SYSTEMS

(IIB - MECHANICAL AND SERVICE WATER HEATING INSPECTIONS)

	INSPECTION TEST	FREQUENCY	REFERENCE STANDARDS	INSPECTION DESCRIPTION	ECC CITATION
IIB2	SHUT-OFF DAMPERS	AS REQUIRED DURING INSTALLATION	APPROVED CONSTRUCTION DOCUMENTS	DAMPERS FOR STAIR AND ELEVATOR SHAFT VENTS AND OTHER OUTDOOR AIR INTAKES AND EXHAUST OPENINGS INTEGRAL TO THE BUILDING ENVELOPE SHALL BE VISUALLY INSPECTED TO VERIFY THAT SUCH DAMPERS, EXCEPT WHERE PERMITTED TO BE GRAVITY DAMPERS, COMPLY WITH APPROVED CONSTRUCTION DRAWINGS. MANUFACTURER'S LITERATURE SHALL BE REVIEWED TO VERIFY THAT THE PRODUCT HAS BEEN TESTED AND FOUND TO MEET THE STANDARD.	NYSECC C403.2.4.4, OR ASHRAE 90.1-6.4.3.4
IIB4	HVAC AND SERVICE WATER HEATING SYSTEM CONTROLS	AFTER INSTALLATION AND PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION, EXCEPT THAT FOR CONTROLS WITH SEASONALLY DEPENDENT FUNCTIONALITY, SUCH TESTING SHALL BE PERFORMED BEFORE SIGN-OFF FOR ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY	APPROVED CONSTRUCTION DOCUMENTS INCLUDING CONTROL SYSTEM NARRATIVES	NO LESS THAN 20% OF EACH TYPE OF REQUIRED CONTROLS AND ECONOMIZERS SHALL BE VERIFIED BY VISUAL INSPECTION AND TESTED FOR FUNCTIONALITY AND PROPER OPERATION. SUCH CONTROLS SHALL INCLUDE, BUT ARE NOT LIMITED TO, THERMOSTATIC AND ECONOMIZER CONTROLS.	NYSECC C403.2.4, C403.2.5.1, C403.2.11, C403.3, C403.4, C404.3, C404.6, C404.7
IIB5	HVAC INSULATION AND SEALING	AFTER INSTALLATION AND PRIOR TO CLOSING SHAFTS, CEILINGS AND WALLS	APPROVED CONSTRUCTION DOCUMENTS	INSTALLED DUCT AND PIPING INSULATION SHALL BE VISUALLY INSPECTED TO VERIFY PROPER INSULATION PLACEMENT AND VALUES. JOINTS, LONGITUDINAL AND TRANSVERSE SEAM AND CONNECTIONS IN DUCTWORK SHALL BE VISUALLY INSPECTED FOR PROPER SEALING	NYSECC C403.2.7, C403.2.8, C404.5, MC603.9

ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE COMPLIANCE STATEMENT:

ENERGY CODE COMPLIANCE - NY CITY 2020

STATEMENT OF COMPLIANCE - COMMERCIAL BUILDINGS
TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.

MECHANICAL GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL BE PURCHASED AND INSTALLED IN ACCORDANCE WITH ALL NATIONAL & NEW YORK STATE CODES AND REGULATIONS (AS WELL AS ALL APPLICABLE LOCAL CODES & REGULATIONS). THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL HVAC WORK IS PROVIDED AND INSTALLED IN STRICT ACCORDANCE WITH SEISMIC REQUIREMENTS.
2. DO NOT SCALE FROM THESE DRAWINGS.
3. THE EXACT MOUNTING HEIGHTS AND LOCATIONS OF ALL HVAC EQUIPMENT SHALL BE FIELD VERIFIED AND COORDINATED WITH ALL OTHER MECHANICAL, ELECTRICAL, PLUMBING, FIRE SPRINKLER, ARCHITECTURAL AND STRUCTURAL SYSTEMS. DURING SHOP DRAWINGS SUBMISSIONS, SHOW ALL MOUNTING HEIGHTS OF DUCTWORK, UNITS, ETC.
4. VERIFY ALL EQUIPMENT VOLTAGES WITH THE ELECTRICAL DESIGN PRIOR TO ORDERING EQUIPMENT.
5. PROVIDE PHASE LOSS PROTECTION FOR ALL POLY-PHASE MOTOR DEVICES.
6. DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET STEEL IN STRICT COMPLIANCE WITH THE LATEST EDITION OF THE ASHRAE, NFPA, AND SMACNA GUIDE RECOMMENDATIONS. ALL DUCTS TO HAVE PITTSBURGH TYPE LOCK FOR LONGITUDINAL SEAMS AND DRIVE SLIP / "S" SLIP FOR TRANSVERSE JOINTS. "DUCT-MATE" JOINT SYSTEM IS ACCEPTABLE IN LIEU OF PRIOR SEAM SYSTEMS. SIZES AS SHOWN INDICATE INSIDE CLEAR DIMENSIONS OF THE AIR PASSAGE. DUCTWORK SHALL BE FULLY INSULATED AS PER APPLICABLE CODES AND WRITTEN SPECIFICATIONS.
7. DUCT SIZES MUST BE VERIFIED FOR CLEARANCES AT THE JOB SITE PRIOR TO FABRICATION. DIMENSIONS MAY BE CHANGED TO ACCOMMODATE CONSTRUCTION AS LONG AS EFFECTIVE CROSS-SECTIONAL AREA IS MAINTAINED. DUCT TRANSITIONS SHALL BE CONSTRUCTED WITH A SLOPE OF 1" TO 4". ALL DEVIATIONS FROM ORIGINAL CONTRACT DRAWINGS SHALL BE REVIEWED BY ENGINEER DURING THE SHOP DRAWING PROCESS.
8. PROVIDE MANUAL BALANCING DAMPERS AS REQUIRED TO PROPERLY BALANCE EACH INDIVIDUAL AIR DISTRIBUTION SYSTEM. IF THE LOCATION OF THE BALANCING DAMPER IS NOT DEFINED ON THE DRAWINGS, THE FOLLOWING MINIMUMS STANDARDS SHALL GOVERN. ALL SUPPLY, RETURN, AND EXHAUST MAIN BRANCHES FROM TRUNKS, EACH SPLIT AND ALL SUB- BRANCHES FROM MAIN SHALL INCORPORATE BALANCING DAMPERS.
9. PROVIDE FLEXIBLE CONNECTORS AT ALL DUCT CONNECTIONS TO VIBRATING EQUIPMENT. THESE CONNECTORS SHALL BE INSTALLED IN CLOSE PROXIMITY TO SUCH EQUIPMENT.
10. PROVIDE FIRE DAMPERS WITH RATED ACCESS DOORS AT ALL DUCT PENETRATIONS THROUGH FIRE RATED WALLS, SMOKE AND FIRE STOPPING, SHAFT, FLOORS, RATED CEILINGS AND PARTITIONS AS REQUIRED TO MAINTAIN ARCHITECTURAL FIRE RATINGS. REFER TO THE ARCHITECTURAL PLANS AND SPECIFICATIONS FOR LOCATIONS AND FIRE RATING REQUIREMENTS. MC MUST FULLY REVIEW ALL ARCHITECTURAL AND ENGINEERING DRAWINGS AND VISIT THE SITE PRIOR TO SUBMITTING THE BID. NO EXTRAS WILL BE ALLOWED.
11. ALL ACCESS DOORS REQUIRED IN GENERAL CONSTRUCTION ARE TO BE PROVIDED AND INSTALLED BY THE GENERAL CONTRACTOR. IT IS THE RESPONSIBILITY OF THE HVAC CONTRACTOR TO IDENTIFY SIZE, TYPE AND LOCATION OF SUCH DOORS FOR PROPER ACCESS TO ALL CONCEALED HVAC EQUIPMENT, VALVES AND OTHER RELATED EQUIPMENT. THE HVAC CONTRACTOR SHALL IDENTIFY THESE REQUIREMENTS ON A COORDINATED SHOP DRAWING PRIOR TO SYSTEM FABRICATION AND INSTALLATION.
12. ALL CEILING MOUNTED EQUIPMENT MUST BE SUPPORTED DIRECTLY FROM BUILDING STRUCTURE WITH COMBINATION SPRING AND NEOPRENE-IN-SHEAR HANGERS AND ROD. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED TO ADEQUATELY SUPPORT THE LOAD.
13. CONTRACTOR MUST CONTRACT AN INDEPENDENT NEBB CERTIFIED AIR BALANCING & TESTING COMPANY TO PERFORM THE AIR BALANCING WORK AND ASSOCIATED SYSTEM AIR BALANCING REPORT. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH ALL APPLICABLE CODES, REGULATIONS, PLANS AND WRITTEN SPECIFICATIONS. SUBMIT THE FINAL AIR BALANCE REPORT TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO SUBSTANTIAL COMPLETION OF THE PROJECT, AS DETERMINED BY THE G.C. AND OWNER/CLIENT. THE AIR BALANCE REPORT MUST INCLUDE ALL SUPPLY, RETURN, & EXHAUST AIR TERMINALS, FRESH AIR (OUTSIDE AIR) INTAKE AND VENTILATION EXHAUST CFM RATES FOR ALL UNITS. ALSO INCLUDE ACTUAL SUPPLY & RETURN AIR VELOCITY & STATIC PRESSURE READINGS ALONG WITH ALL MOTOR AMPERAGES FOR ALL UNITS.
14. THE CONTRACTOR IS TO INCLUDE IN HIS BID ALL LOW VOLTAGE CONTROL WIRING, THERMOSTATS, RELAYS, TRANSFORMERS, STARTERS ETC FOR A COMPLETE OPERATING CONTROL SYSTEM AS DESCRIBED IN THE SEQUENCE OF OPERATIONS. (MC) IS ALSO RESPONSIBLE FOR LINE VOLTAGE CONTROL FOR EXHAUST FANS CONTROLLED FROM LIGHT SWITCH AND THERMOSTATS. ALL CONTROL WIRING IN THE AREAS THAT DO NOT HAVE DROPPED CEILINGS THE (MC) MUST PROVIDE ALL CONTROL WIRING CONDUIT. IN AREAS OF DROPPED CEILING PLENUM RATED CONTROL WIRING CAN BE RUN EXPOSED ABOVE CEILING.
15. ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS/SPECIFICATIONS.

CODE REFERENCE

2020 NEW YORK STATE BUILDING CODE
2020 NEW YORK STATE MECHANICAL CODE
2020 NEW YORK STATE PLUMBING CODE
2020 NEW YORK STATE FUEL GAS CODE
2020 NEW YORK STATE ENERGY CONSERVATION CODE

HVAC SYMBOL LIST

IDENTIFIER	DESCRIPTION
	NEW DUCTWORK OR PIPING
	EXISTING DUCTWORK OR PIPING TO BE REMOVED
	EXISTING DUCTWORK OR PIPING TO REMAIN
	HEAT TRACE PIPE
24X12 / 24X12	DOUBLE-LINE AND SINGLE-LINE RECTANGULAR DUCT, FIRST NUMBER INDICATES SIDE IN VIEW IN INCHES, SECOND NUMBER INDICATES SIDE IN DEPTH IN INCHES
	FLEXIBLE DUCTWORK
	REGULAR SUPPLY AIR DUCT (UP AND DOWN)
	REGULAR RETURN AIR DUCT (UP AND DOWN)
	REGULAR EXHAUST AIR DUCT (UP AND DOWN)
	REGULAR OUTSIDE AIR DUCT (UP AND DOWN)
VD	VOLUME DAMPER
BD	BACKDRAFT DAMPER
S	MOTOR OPERATED DAMPER
XXX / XX	EQUIPMENT TAG / EQUIPMENT NUMBER
XXX / X-XXX	DETAIL TAG/CALL OUT TAG / MECHANICAL SHEET NUMBER
T	THERMOSTAT
	EXHAUST GRILLE
F#	REFER TO SUPPLEMENTAL FIGURE INDICATED BY NUMBER (I.E. F2 REFERS TO FIGURE 2)

FAN SCHEDULE

TAG	MANUFACTURER	MODEL	LOCATION	SERVICE	TYPE	DRIVE	AIR FLOW (CFM)	TSP (IN. WG)	ELECTRICAL HP	ELECTRICAL BHP	ELECTRICAL RPM	ELECTRICAL V-PH-HZ	OPERATING WEIGHT (±LBS)	DIMENSIONS LxWxH (IN)
EF-1	GREENHECK	SQ-120	CEILING	WOMEN'S BATHROOM	INLINE	DIRECT	1500	0.50	0.50	0.35	1725	115-1-60	57	24x19x19

NOTES:
1. PROVIDE AND INSTALL A TIMECLOCK AND ALL REQUIRED CONTROL WIRING FOR THE EF'S. PROVIDE 0-10VDC FOR SPEED CONTROL.
2. PROVIDE PREMIUM EFFICIENCY MOTORS.
3. PROVIDE THERMAL OVERLOAD FOR ALL SINGLE PHASE MOTORS.
4. PROVIDE SALT WATER RESISTANT HI-PRO POLYESTER COATING FOR ALL FANS.
5. PROVIDE FLEXIBLE DUCT CONNECTORS FOR THE INLET AND OUTLET OF THE FAN.
6. PROVIDE HANGER RODS AND SPRING VIBRATION ISOLATORS FOR IN LINE FANS.

LOUVER SCHEDULE

TAG	MANUFACTURER	MODEL	SERVICE	LOCATION	WIDTH (INCH)	HEIGHT (INCH)	PRESSURE DROP (IN. WG)	MINIMUM FREE AREA (SQUARE FEET)	NOTES
LV-1	GREENHECK	EDJ-401	EXHAUST	WOMEN'S BR	30	24	0.08	2.1	ALUMINUM, STATIONARY, DRAINABLE HEAD, J STYLE BLADE, 4" FRAME CUSTOM SIZE WOOD LOUVER IN SMOOTH-SAWN WESTERN RED CEDAR WITH 50% VENT OPENING AND INSECT SCREEN
LV-2	GREENHECK	-		ATTIC				3.6	
LV-3	GREENHECK	-		ATTIC				3.6	
LV-4	GREENHECK			ATTIC				3.6	

NOTES:
1) PROVIDE BACK DRAFT DAMPER WITH ACCESS ON LV-1.
2) PROVIDE ALUMINUM BIRD SCREEN.

EXHAUST GRILLE SCHEDULE

TAG	MANUFACTURER	MODEL	SERVICE	CFM	NECK SIZE (IN)	FACE SIZE (IN)	MAX PD (wg)	MAX NC	NOTES
EG-1	PRICE	630	EXHAUST	0-75 >75	-	12x12 24x24	0.025	-	ALUMINUM, 45 DEG DEFLECTION, 3/4" BLADE SPACING, LONG BLADE ORIENTATION

NOTES:
1. COORDINATE CEILING MOUNT (T-BAR, SURFACE, ETC) WITH ARCHITECT FOR ALL AIR OUTLETS BEFORE ORDERING EQUIPMENT.
2. PROVIDE CABLE OPERATED DAMPERS FOR ALL DIFFUSERS LOCATED IN INACCESSIBLE CEILINGS.

ELECTRIC UNIT HEATER SCHEDULE

TAG	MANUFACTURER	MODEL	SERVICE	TYPE	KW	V-PH-HZ
UH-1	QMARK	MJH05	JANITOR'S CLOSET	WALL HUNG	5.0	208-1-60

NOTES:
1. PROVIDE WITH SINGLE POLE INTERNAL THERMOSTAT

OUTDOOR AIR VENTILATION SCHEDULE

SPACE DETAILS				MECH CODE REQUIREMENTS (2)			
ROOM	AREA (FT²)	ROOM HEIGHT (FT)	VOLUME (FT³)	# OF FIXT (TOILET/URINALS/SLOP SINK)	CFM/FIXTURE	NET EA	ACTUAL EA FLOW (CFM)
FAMILY RESTROOM 1	58	11	638	1	50	50	75
FAMILY RESTROOM 2	60	11	660	1	50	50	75
JANITOR'S CLOSET	41	11	451	1	50	50	100
MEN'S RESTROOM	315	11	3465	8	50	400	400
JANITOR'S CLOSET	24	11	264	1	50	50	100
WOMEN'S RESTROOM	575	11	6325	14	50	700	750
SPRINKLER EQUIPMENT ROOM	40	11	440	0	50	0	0
ATTIC	1200	-	-	1/150 * 1200 = 8SF			

NOTES:
1. NEW YORK STATE MECHANICAL CODE
2. ATTIC IS NATRUALLY VENTILATED, WITH (2) INTAKE 4SF LOUVERS, AND 1 EXHAUST LOUVER.

MECHANICAL DRAWING LIST

SHEET NO.	SHEET NAME	REVISON NO.	REVISION DATE
RCX-M-01	MECHANICAL, SYMBOLS, ABBREVIATIONS AND DRAWING LIST	0	-
RCX-M-21	MECHANICAL CONSTUCTION FLOOR PLAN	0	-
RCX-M-81	MECHANICAL SCHEDULES & DETAILS	0	-

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CROSS AXIS RESTROOMS
MECHANICAL, SYMBOLS, ABBREVIATIONS AND DRAWING LIST

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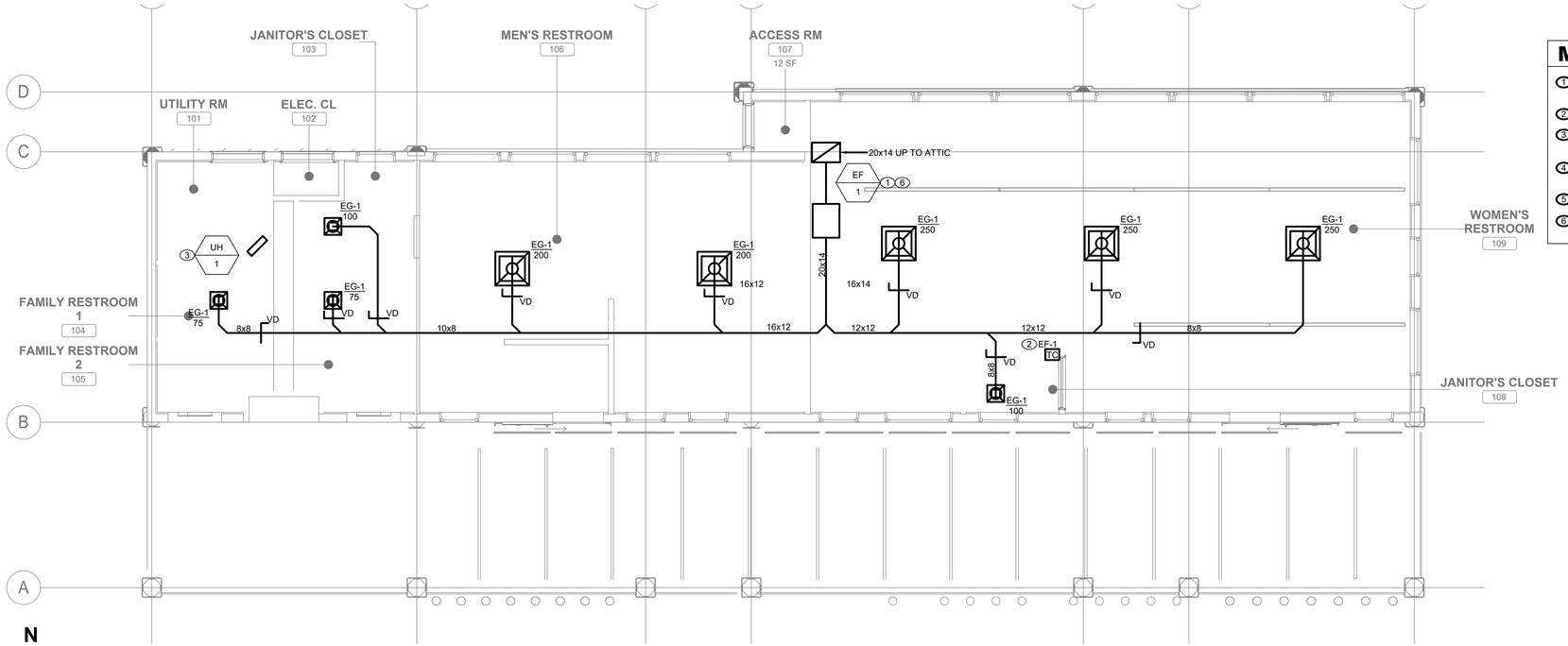


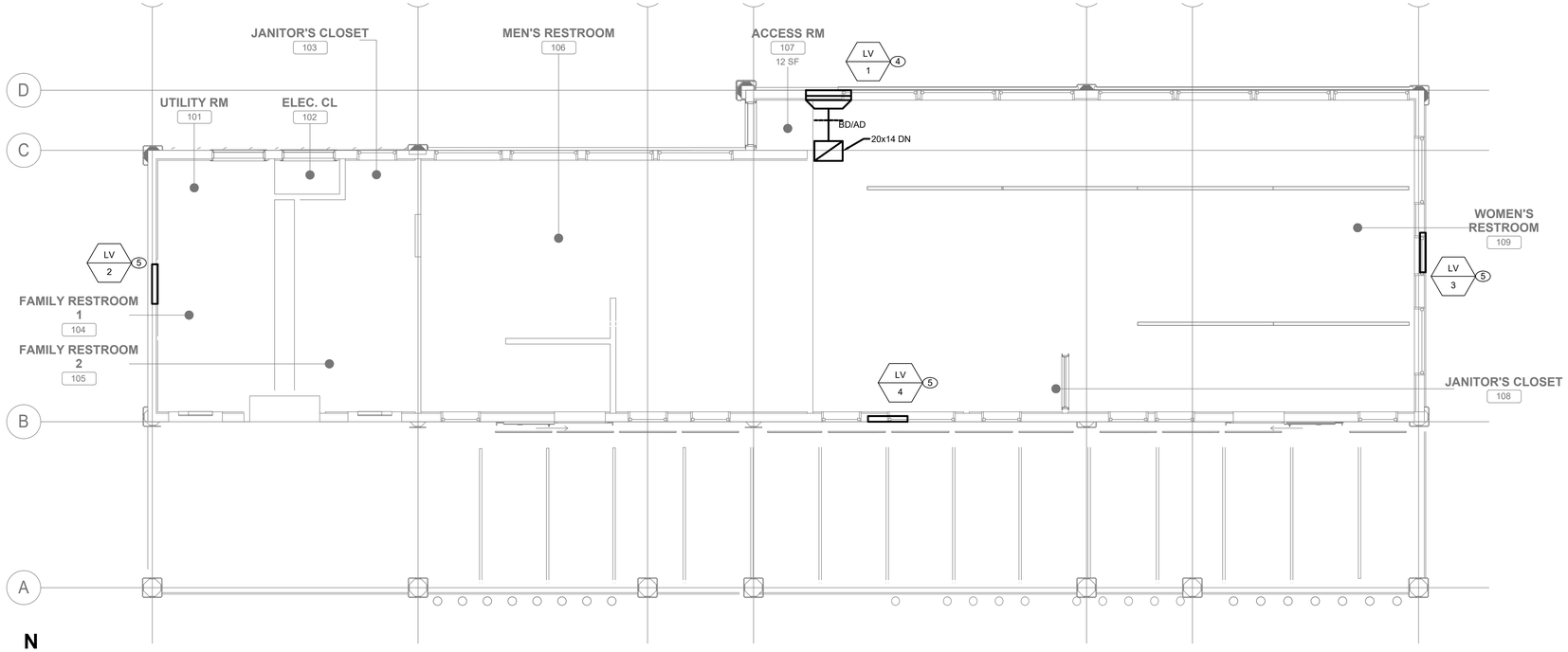
N

MECHANICAL FIRST FLOOR CONSTRUCTION PLAN

SCALE: 1/4" = 1'-0'

MECHANICAL CONSTRUCTION NOTES:

1. INSTALL NEW EXHAUST FAN AND LOUVERS AS SHOWN. COORDINATE THE LOCATION OF THE EXHAUST FAN IN FIELD. EXHAUST FAN TO BE PROVIDED WITH A BACKDRAFT DAMPER AND ACCESS.
2. TIME CLOCK TO BE INSTALLED WITHIN VANDAL PROOF ENCLOSURE.
3. PROVIDE NEW WALL HUNG ELECTRIC UNIT HEATER WITH BUILT IN THERMOSTAT. COORDINATE MOUNTING HEIGHT IN FIELD.
4. EXHAUST DUCT SHALL RUN IN ATTIC AND TERMINATE OUTDOORS IN THE ATTIC. EXHAUST TERMINATION SHALL BE LOCATED NOT LESS THAN 3 FEET FROM OPERABLE WINDOWS.
5. CONTRACTOR TO INSTALL LOUVERS IN THE ATTIC.
6. MECHANICAL INTAKE IS PROVIDED THROUGH OPENED DOORS DURING OPERATIONAL HOURS. FACILITY IS DESIGNED WITH THE INTENT OF ALL DOORS BEING OPEN.



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MECHANICAL ATTIC CONSTRUCTION PLAN

SCALE: 1/4" = 1'-0'

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CROSS AXIS RESTROOMS
MECHANICAL FIRST FLOOR CONSTRUCTION PLAN

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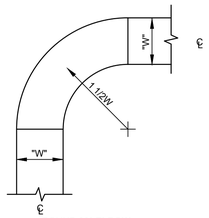
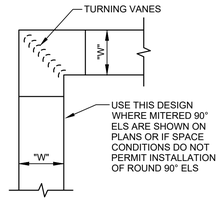
REV. NO.	0

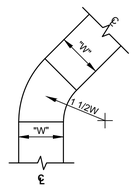


ROUND 90° **ELBOW**

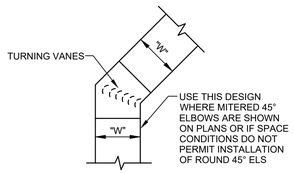


MITERED 90° **ELBOW**

CONSTRUCTION OF 90° **ELBOWS**

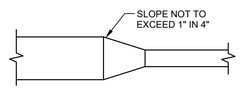


ROUND 45° **ELBOW**

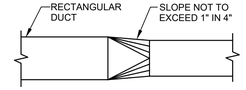


MITERED 45° **ELBOW**

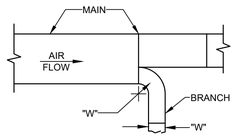
CONSTRUCTION OF 45° **ELBOWS**



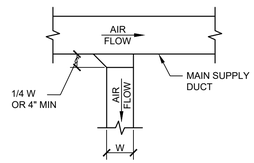
TYPICAL RECTANGULAR TRANSITION



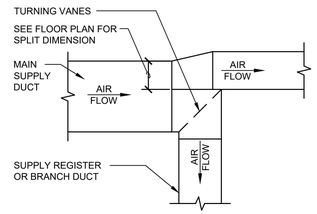
TYPICAL RECTANGULAR TO ROUND TRANSITION



ROUND BRANCH TAKEOFF



BRANCH DUCT TAKEOFF



SQUARE BRANCH TAKEOFF

CONSTRUCTION OF TAKEOFFS

ENSURE SPEC INDICATES THAT:
ALL DUCT TRANSITIONS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY SMACNA.

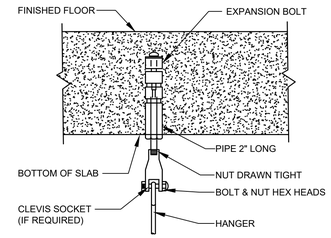
ALL DUCTS SHALL BE CONSTRUCTED AND ERECTED IN A NEAT AND WORKABLE MANNER.

THE DIMENSION SHOWN FOR ALL DUCTS SHOWN IN PLAN GIVE THE WIDTH FIRST AND THEN THE HEIGHT. **ALSO AND/OR ONLY PUT THIS ON 001-SHEET**

VANES SHORTER THAN 36" SHALL BE SINGLE WALL, WITH A 2" RADIUS AND 1 1/2" SPACING. VANES LARGER THAN 36" AND SHORTER THAN 48" SHALL BE DOUBLE WALL, WITH A 2" OUTER RADIUS, 1" INNER RADIUS, AND 2 1/8" SPACING. VANES LONGER THAN 48" SHALL BE DOUBLE WALL, WITH A 4 1/2" OUTER RADIUS, 2 1/4" INNER RADIUS, AND 3 1/4" SPACING. NO TURNING VANES SHALL INCLUDE A TRAILING EDGE.

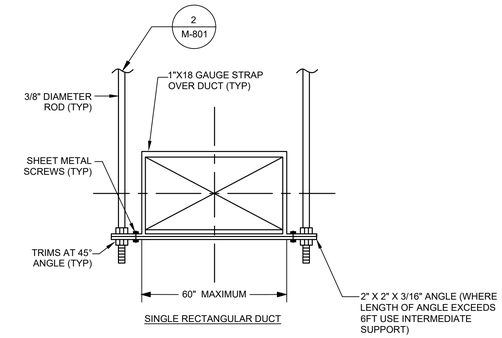
FOR SQUARE 90 DEG ELBOWS, IF INLET AND OUTLET DIMENSIONS ARE NOT THE SAME, PROVISIONS MUST BE MADE SO THAT VANE EDGES PROJECT TANGENTS PARALLEL TO DUCT SIDES. VANES AS USED WHEN INLET AND OUTLET DIMENSIONS ARE IDENTICAL ARE NOT ACCEPTABLE ON SIZE CHANGE ELBOWS WITHOUT MODIFICATION.

1 M-81 MECHANICAL DUCT CONSTRUCTION DETAIL
SCALE: NOT TO SCALE



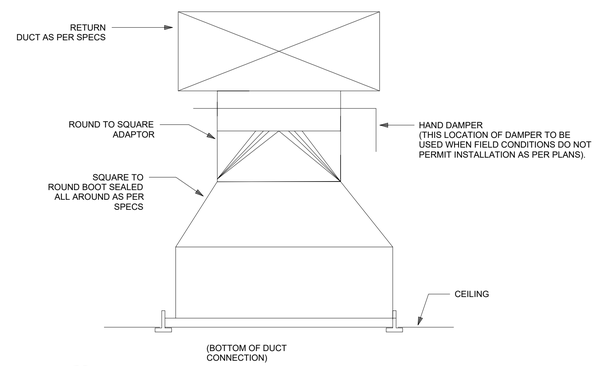
CONCRETE ANCHOR FOR HANGING PIPING OR EQUIPMENT

2 M-81 MECHANICAL ANCHORING DETAIL
SCALE: NOT TO SCALE

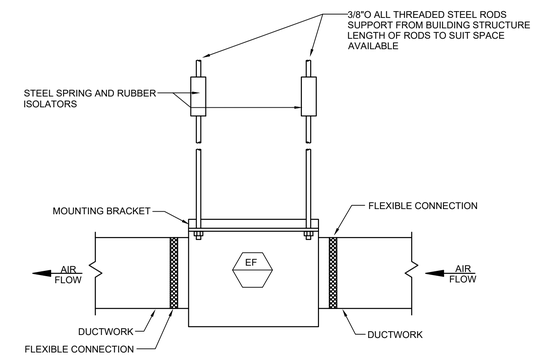


SINGLE RECTANGULAR DUCT

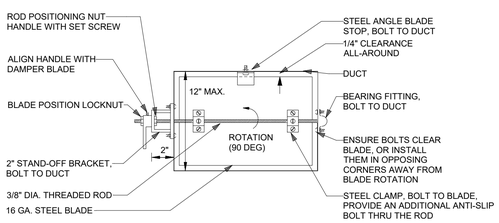
3 M-81 MECHANICAL DUCT HANGER DETAIL
SCALE: NOT TO SCALE



4 M-81 MECHANICAL GRILLE CONNECTION
SCALE: NOT TO SCALE



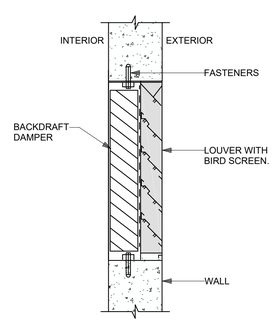
5 M-81 MECHANICAL FAN HANGING DETAIL
SCALE: NOT TO SCALE



NOTES:

1. DAMPERS FOR ROUND DUCTS SHALL BE SIMILAR TO THE DAMPER SHOWN ABOVE.
2. ENSURE THAT FULL 90 DAMPER BLADE MOVEMENT IS UNOBSTRUCTED.
3. FOR DUCT HEIGHTS MORE THAN 12", PROVIDE FACTORY-FABRICATED OPPOSED BLADE DAMPERS.

6 M-81 MECHANICAL VOLUME DAMPER
SCALE: NOT TO SCALE



4 M-81 MECHANICAL LOUVER
SCALE: NOT TO SCALE

CONSULTANT INFORMATION
LiRo Engineers, Inc.
A LiRo Group Company
Syosset, N.Y. 516-214-8157[T]

CONSULTANT SEAL
STATE OF NEW YORK · FRANK F. ULISSE · LICENSED PROFESSIONAL ENGINEER · 090117

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NY
CROSS AXIS RESTROOMS
MECHANICAL DETAILS

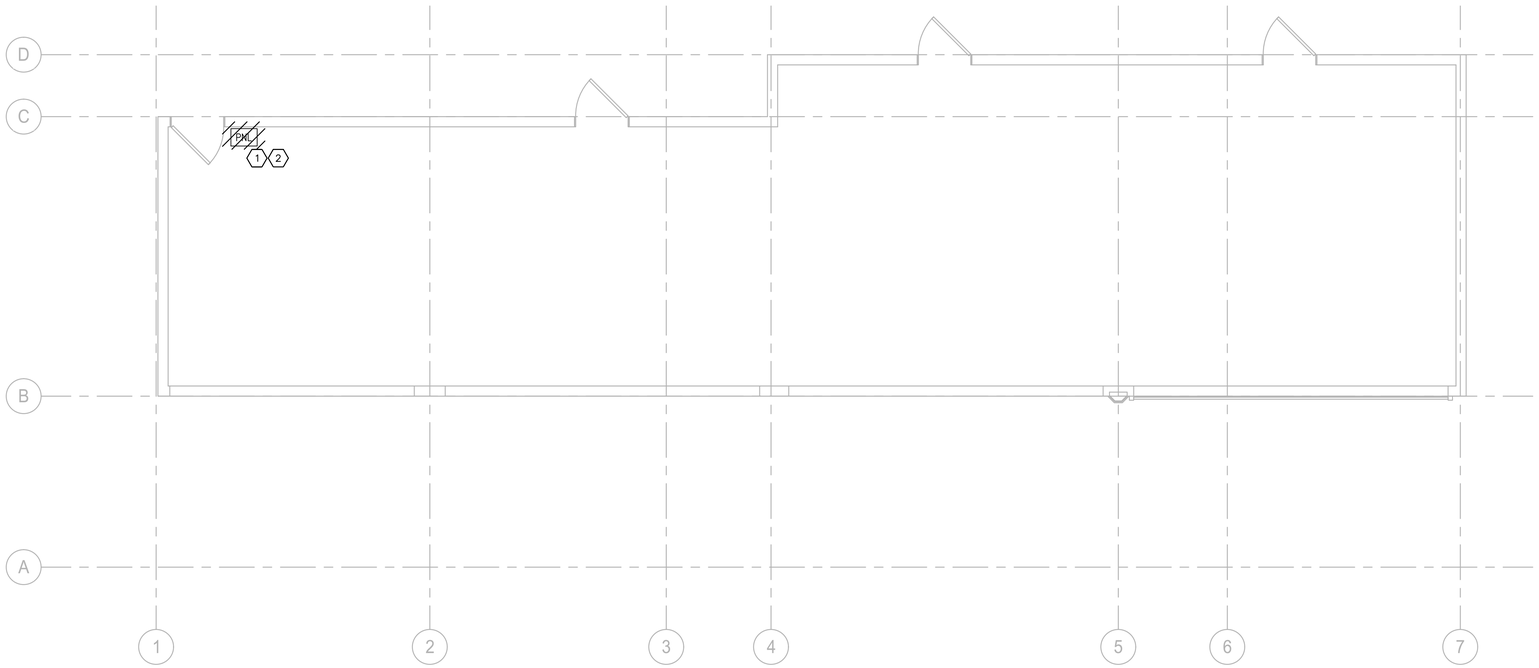
CONTRACT NUMBER	20-501
SHEET NUMBER	**RCX-M-81**
DWG NO.:	Page 189 of 387
SCALE:	AS NOTED
DATE:	**09/16/2020**
DPW FILE NUMBER	1-118-M-189
REV. NO.	0

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. CONTRACTOR SHALL REMOVE ALL CONDUIT, WIRE, LIGHTING, RECEPTACLES, ETC., INCLUDING ALL EXTERIOR BUILDING LIGHTING. FOR BIDDING PURPOSES, ASSUME 2000 FEET OF CONDUIT, 20 LIGHT FIXTURES AND 50 RECEPTACLES.
3. FOR ADDITIONAL INFORMATION, REFER TO ARCHITECTURAL DRAWINGS.
4. CONTRACTOR IS ADVISED POWER FOR THIS BUILDING COMES FROM THE EXISTING SWITCHBOARD LOCATED IN QUAD 4 "ELECTRIC ROOM BUILDING". TRACE OUT EXISTING FEEDER CIRCUIT TO VERIFY "CONCESSION/GAMES CROSS AXIS" BREAKER FEEDS THIS BUILDING.
5. SEE DRAWING GE-E-02 FOR SITE LOCATION OF BUILDING.

KEY NOTES:

1. EXISTING 208Y/120V ELECTRICAL PANEL TO BE DISCONNECTED AND REMOVED.
2. CONTRACTOR SHALL REMOVE EXISTING FEEDER WIRING BACK TO QUAD 4 "ELECTRIC ROOM BUILDING". REMOVE EXISTING CONDUIT TO 12" BELOW GRADE AND ABANDON IN PLACE. PATCH SURFACE TO MATCH EXISTING.



DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK · DAVID G. FREDERICKS · 086076 · LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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CONTRACTOR
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SIGNATURE
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PROJECT COORDINATOR
NAME
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TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
DEMOLITION - BUILDING POWER

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-E-01
DWG NO.:	Page 190 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-E-190
REV. NO.	0

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Printed by: MGadby Date: 24 September 2020 9:14 AM Designed by: ----
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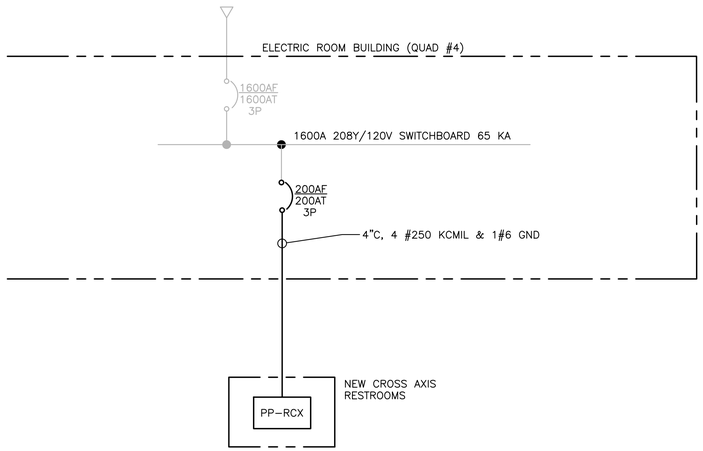
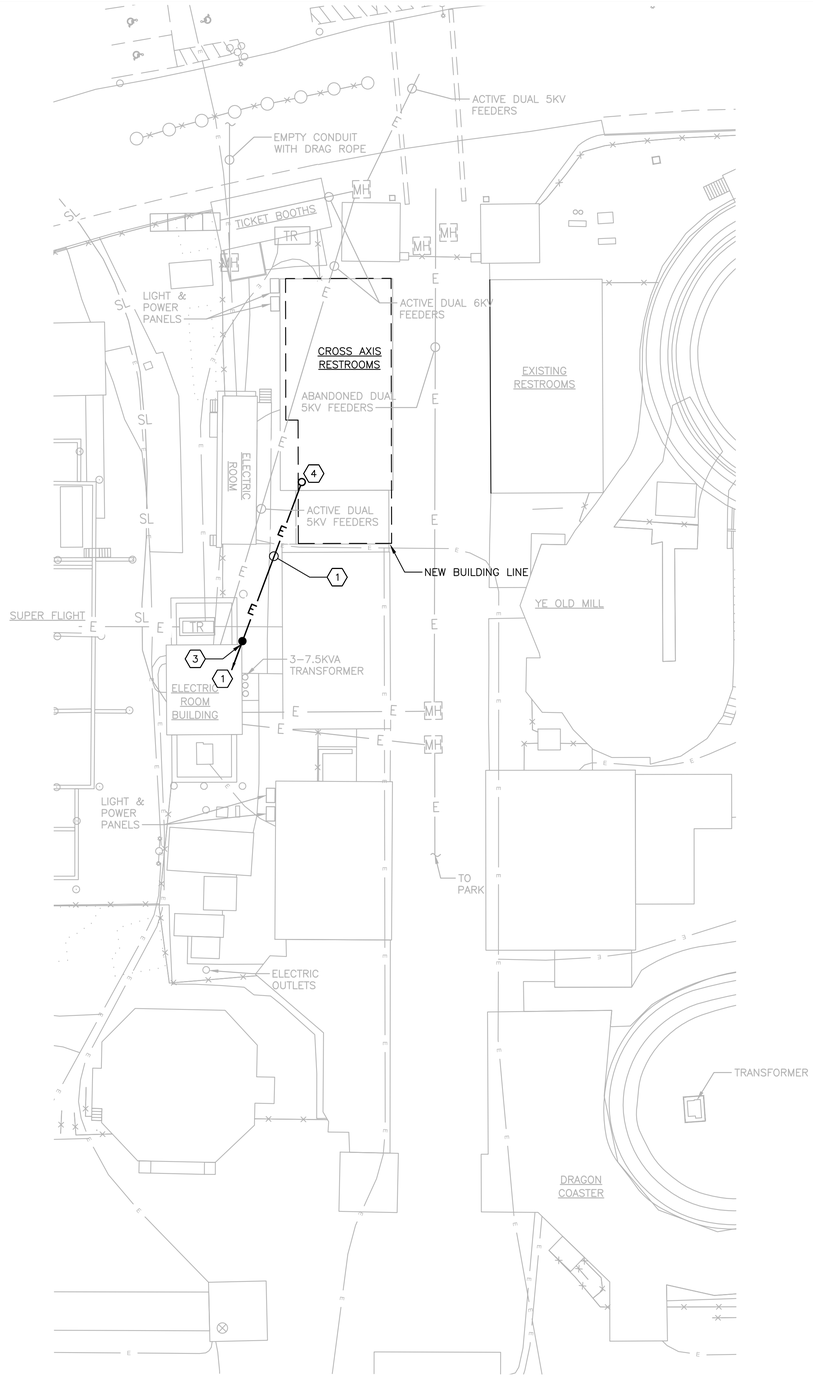
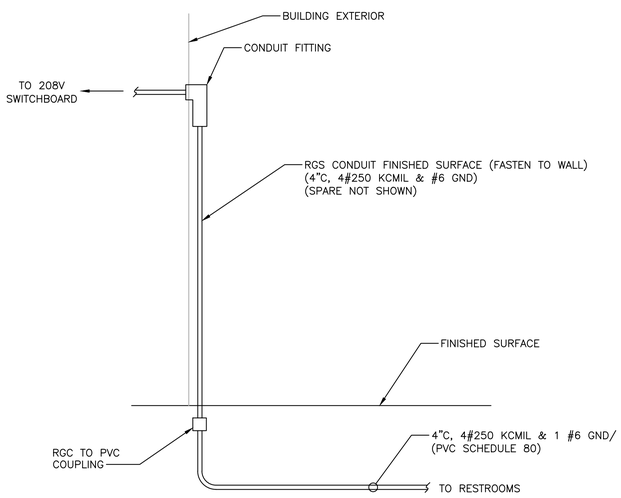


ONE LINE DIAGRAM
N.T.S.



PART SITE PLAN
SCALE: 1" = 20'-0"



SECTION B-B
N.T.S.

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.

KEY NOTES:

1. PROVIDE NEW 4" CONDUIT AND WIRE RUN FROM BUILDING NORTH CORNER TO EXISTING 208 VOLT SWITCHBOARD. ALL EXPOSED CONDUIT SHALL BE RGS, ALL UNDERGROUND CONDUIT SHALL BE SCHEDULE 80 PVC. SEE TYPICAL DETAILS ON DRAWING DT-E-02 FOR DUCTBANK DETAILS.
2. PROVIDE NEW 200 AMP BREAKER IN 208V SWITCHBOARD TO FEED NEW RESTROOM BUILDING. EXISTING SWITCHGREAR IS MANUFACTURED BY GE, SPECTRA SERIES. PROVIDE NEW BREAKER TO MATCH AIC RATING OF SWITCHGEAR
3. CONTRACTOR SHALL PENETRATE SIDE OF "ELECTRIC BUILDING" WITH NEW CONDUIT AND WIRE FROM NEW DUCTBANK. THE CONTINUOUS CONDUIT AND WIRE SHALL ENTER TOP OF EXISTING 208V SWITCHBOARD AND TERMINATE TO NEW BREAKER.
4. STUB CONDUIT IN LOCATION OF NEW PANELBOARD. EXACT LOCATION TO BE DETERMINED BY THE CONTRACTOR IN THE FIELD. STUD AND CAP SPARE CONDUIT 6" AFF AT BOTH ENDS.

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Proj.Name: ---- Comments: ----
Printed by: MGodby Date: 24 September 2020 9:15 AM Designed by: ----
Xrefs: [TB_24X36_WestchesterCo_2.dwg] [TSG-SVLOGO.dwg] [TWC-SP0001.dwg] [RCXE-SP0001.dwg]

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK · DAVID G. FREDERICKS · 086076 · LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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CONTRACTOR
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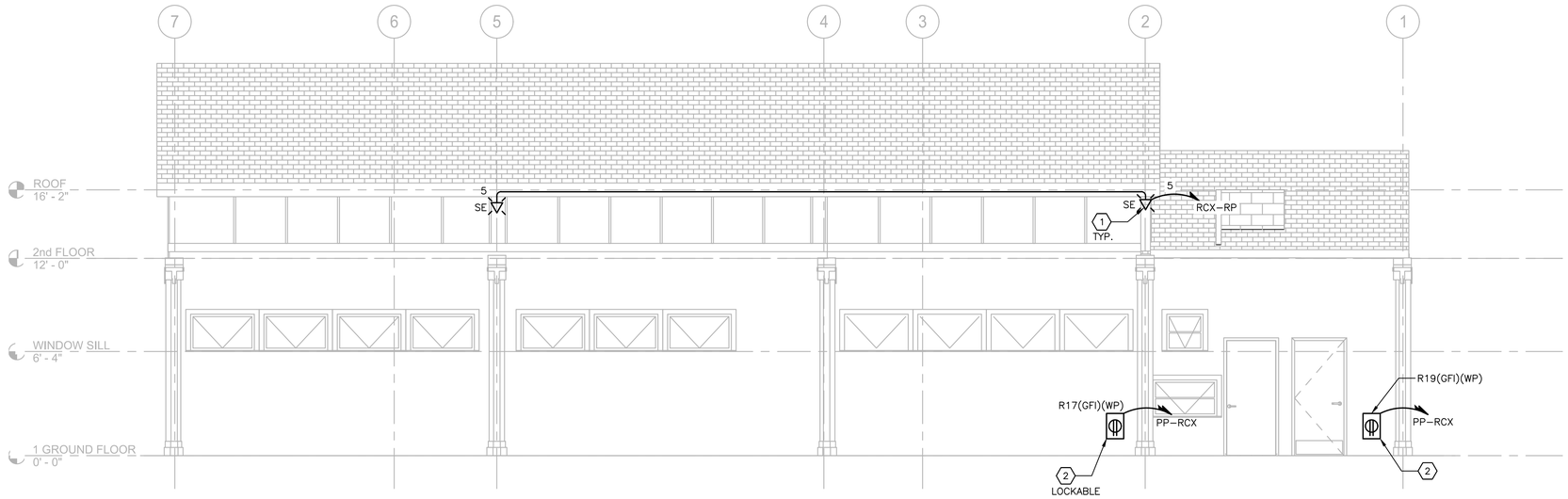
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

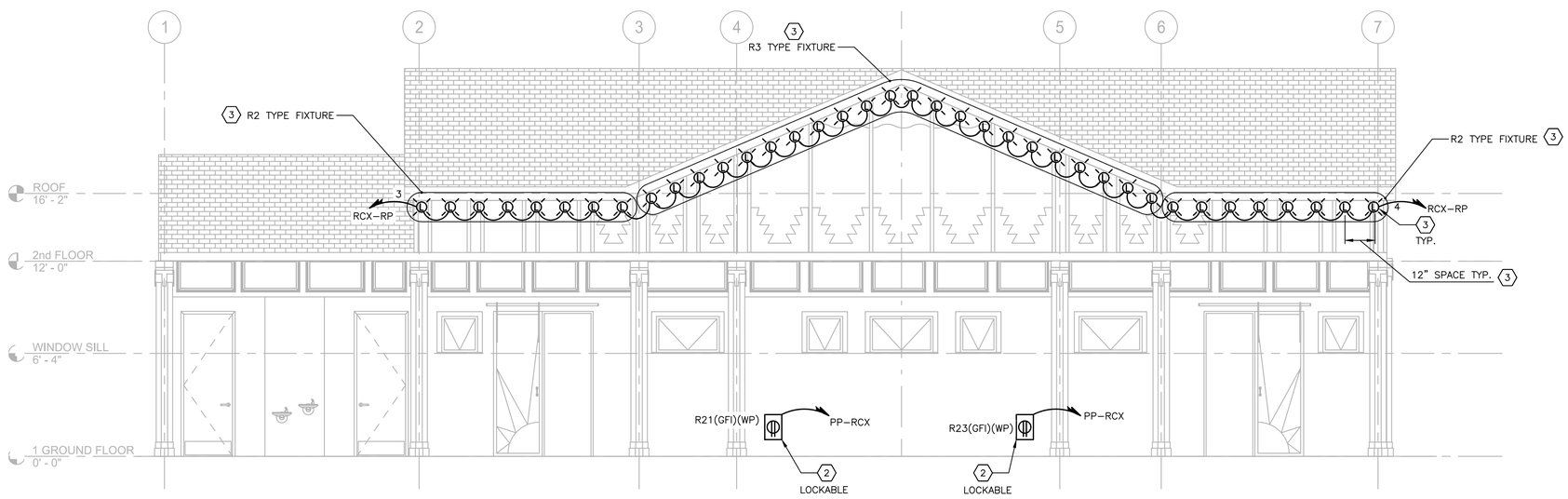
INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
DUCT BANK & ONE LINE DIAGRAM

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-E-02
DWG NO.:	Page 191 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-E-191
REV. NO.	0



SOUTH ELEVATION

SCALE: 1/4" = 1'-0"



NORTH ELEVATION

SCALE: 1/4" = 1'-0"

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. FOR INTERIOR PROPOSED LIGHTING, SEE DRAWING RCX-E-05.
3. BEFORE ANY LIGHT FIXTURES AND/OR CONTROLS ARE PURCHASED, CONTRACTOR SHALL SUBMIT, FOR APPROVAL BY THE ENGINEER, A COMPLETE SET OF DRAWINGS SHOWING ALL CONTROL COMPONENTS AND WIRING DIAGRAMS.
4. FOR ADDITIONAL INFORMATION, SEE LIGHTING FIXTURE SCHEDULE ON DRAWING GE-E-03.
5. NEW CABLE AND CONDUIT SHALL BE INSTALLED CONCEALED.
6. FOR LIGHTING/POWER PANEL SCHEDULE REFER TO DRAWING RCX-E-06.
7. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR CONSTRUCTION DETAILS FOR BUILDING SOFFIT.
8. NEW POWER TO RECEPTACLES SHALL BE FROM PANEL PP-RCX.
9. ALL LIGHTING FIXTURES SHALL BE CIRCUITED TO NEW RELAY CONTROL PANEL (RCX-RP), ALL CIRCUIT NUMBERS ADJACENT TO LIGHTING FIXTURES SHALL REPRESENT THE RELAY PANEL LIGHTING CIRCUITS.
10. ALL CIRCUITS SHOWN SHALL BE 3/4" WITH 2#12, 1#12G AWG.
11. ALL POWER RECEPTACLES, PANELS, ETC. SHALL BE POWERED FROM PANEL-PP-RCX, UNLESS OTHERWISE NOTED.
12. PANEL-PP-RCX IS LOCATED WITHIN THE ELECTRICAL CLOSET.
13. COORDINATE THE FINAL PLACEMENT OF LIGHTING WITH ARCHITECTURAL DRAWINGS.
14. NOT ALL POWER WIRING SHOWN ON DRAWINGS. CONTRACTOR SHALL DAISY-CHAIN THE FOLLOWING WITHIN EACH SPACE, LIGHTING, POWER PACKS, AND EXIT SIGNS. CONTRACTOR SHALL FURNISH AND INSTALL 3/4" CONDUIT WITH 2#12, 1#12G. FOR ALL CONDUITS WITHIN THE DAISY-CHAIN LOOP BACK TO POWER PANEL PP-RCX, UNLESS OTHERWISE NOTED.

KEY NOTES:

(1) PROVIDE NEW SECURITY LIGHT. REFER TO DRAWING RCX-E-05 FOR RELAY PANEL LOCATION. REFER TO DT-E-01 FOR MOUNTING DETAIL.

(2) PROVIDE HEAVY DUTY RECEPTACLE IN LOCKABLE NEMA 4X ENCLOSURE. NEMA 4X ENCLOSURE SHALL BE METAL WITH GASKETED METAL COVER.

(3) FOR TYPE R2 AND R3 FIXTURES, ACTUAL QUANTITY NOT SHOWN. FIXTURES SHALL BE RECESSED MOUNTED IN-BETWEEN EACH JOIST SUPPORTING THE SOFFIT, MAINTAIN 12" SEPARATION IF POSSIBLE. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS.

CONSULTANT INFORMATION

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
PROPOSED - EXTERIOR POWER

CONTRACT NUMBER	SHEET NUMBER
20-501	RCX-E-03

DWG NO.: Page 192 of 387

SCALE: AS SHOWN

DATE: SEPTEMBER 2020

DPW FILE NUMBER 1-118-E-192 REV. NO. 0

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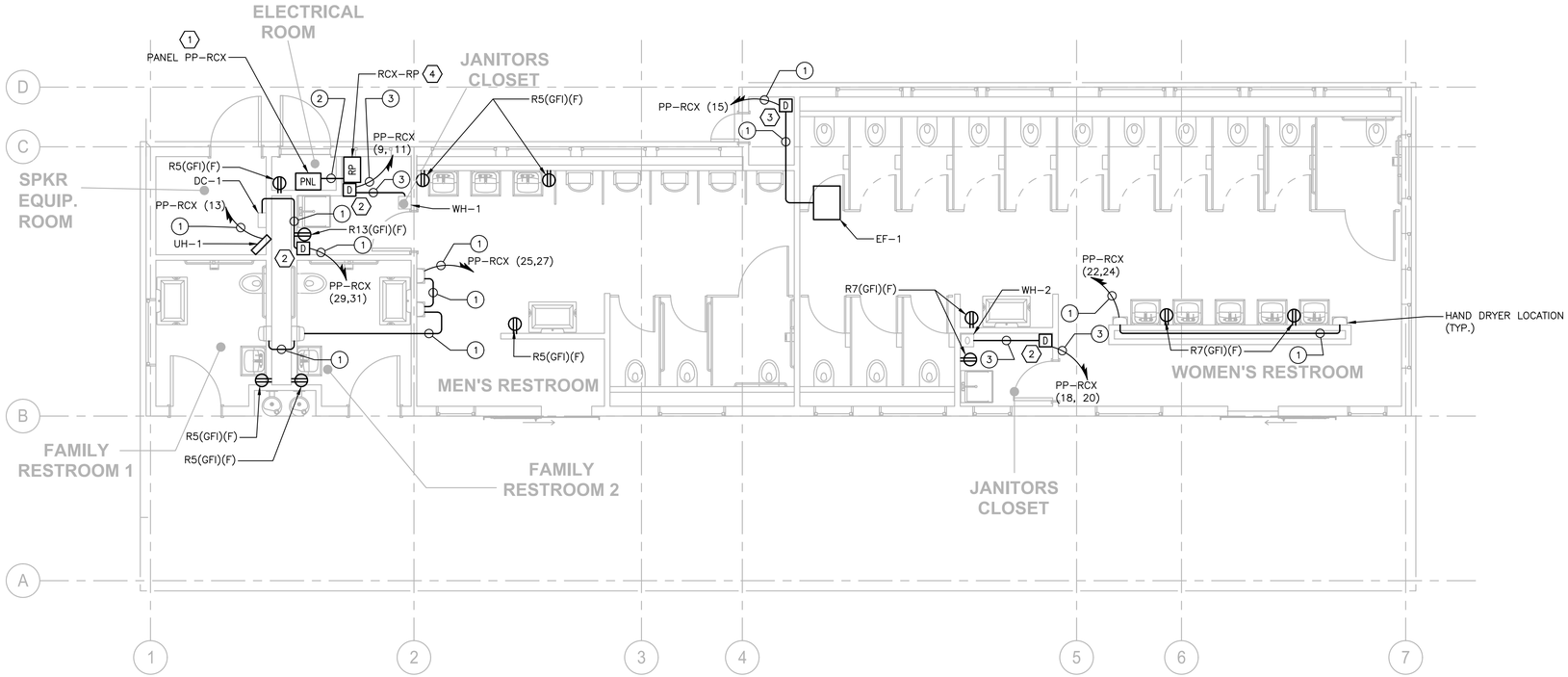

POWER PLAN

SCALE: 1/4" = 1'-0"

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. NEW CABLE AND CONDUIT SHALL BE INSTALLED CONCEALED.
3. FOR LIGHTING/POWER PANEL SCHEDULE REFER TO DRAWING RCX-E-06.
4. ALL RECEPTACLES SHALL BE WIRED BACK TO PP-RCX.

KEY NOTES:

(1) PROVIDE 208Y/120 VOLT, 3-PHASE PANEL WITH 200 AMP MAINS AND 200 AMP MAIN BREAKER. SEE DRAWING RCX-E-02 FOR INCOMING FEEDER INFORMATION.

(2) PROVIDE 30 AMP, 2-POLE, 208V DISCONNECT SWITCH.

(3) PROVIDE 30 AMP, 1-POLE, 120V DISCONNECT SWITCH.

(4) PROVIDE RELAY LIGHTING PANEL AND PROVIDE CABLE AND CONDUIT TO POWER PANEL LOCATED IN ELECTRICAL ROOM. POWER CIRCUITS TO RELAY PANEL FROM POWER PP-RCX SHALL CONSIST OF SEVEN (7) 1" CONDUIT WITH 2#10, 1#10G EACH.

CONDUIT AND WIRE LEGEND

NO.	DESCRIPTION
1	3/4" C, 2#10 & 1 #10 GND
2	1"C, 2#10 & 1#10 GND (7 SETS)
3	1"C, 2#8 & 1#8 GND

CONSULTANT INFORMATION

Savin Engineers, P.C.

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STATE OF NEW YORK · DAVID G. FREDERICKS · 086076 · LICENSED PROFESSIONAL ENGINEER

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CONTRACTOR

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PROJECT COORDINATOR

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SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
PROPOSED - INTERIOR POWER

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-E-04
DWG NO.:	Page 193 of 387
SCALE:	AS SHOWN
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DPW FILE NUMBER	1-118-E-193
REV. NO.	0

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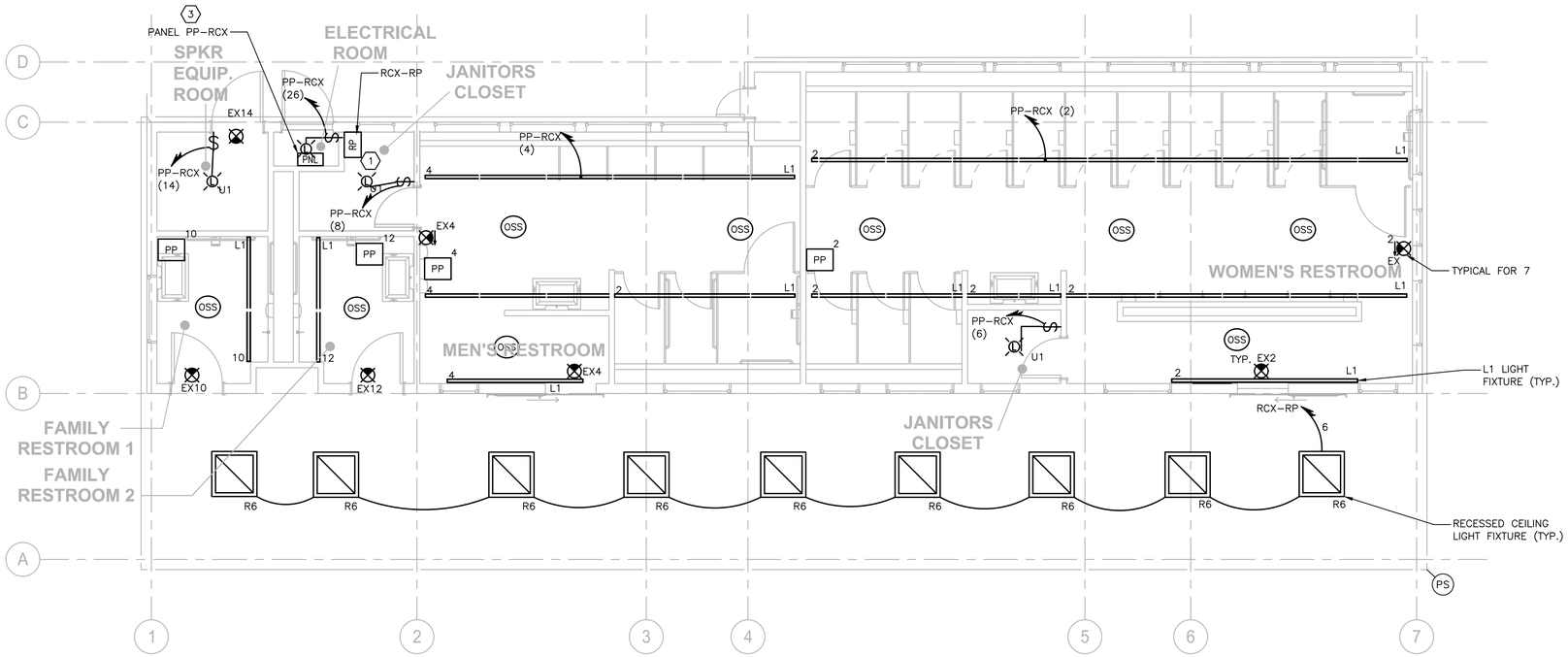


LIGHTING PLAN

SCALE: 1/4" = 1'-0"

0 4' 8'

SCALE: 1/4" = 1'-0"

KEY NOTES:

1. PROVIDE RELAY LIGHTING PANEL.

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. BEFORE ANY LIGHT FIXTURES AND/OR CONTROLS ARE PURCHASED, CONTRACTOR SHALL SUBMIT, FOR APPROVAL BY THE ENGINEER, A COMPLETE SET OF DRAWINGS SHOWING ALL CONTROL COMPONENTS AND WIRING DIAGRAMS.
3. FOR ADDITIONAL INFORMATION, SEE LIGHTING FIXTURE SCHEDULE ON DRAWING GE-E-03.
4. NEW CABLE AND CONDUIT SHALL BE INSTALLED CONCEALED.
5. FOR LIGHTING PANEL SCHEDULE REFER TO DRAWING RCX-E-06.
6. FOR MOUNTING DETAILS, REFER TO DRAWING DT-E-02.
7. PROVIDE EXIT SIGNS WITH DIRECTIONAL ARROWS AS SHOWN.
8. REFER TO DT-E-03 FOR EXIT SIGN DETAILS.
9. FOR INTERIOR LIGHTING CONTROL WIRING (INCLUDING BUT NOT LIMITED TO ETHERNET AND LOW VOLTAGE WIRING) INFORMATION SEE TYPICAL INTERIOR SPACE WIRING DIAGRAM DETAIL ON THIS PAGE.
10. NOT ALL POWER WIRING SHOWN ON DRAWINGS. CONTRACTOR SHALL DAISY CHAIN THE FOLLOWING WITHIN EACH SPACE, LIGHTING, POWER PACKS, AND EXIT SIGNS. CONTRACTOR SHALL FURNISH AND INSTALL 3/4" CONDUIT WITH 2#12, 1#12G. FOR ALL CONDUITS WITHIN THE DAISY-CHAIN LOOP BACK TO POWER PANEL PP-RCX, UNLESS OTHERWISE NOTED.
11. NUMBER DESIGNATORS NEXT TO FIXTURES AND/OR CONTROLS INDICATE CIRCUIT NUMBERS
12. EXIT SIGNS SAHLL BE WIRED TO THE UNSWITCHED LEG OF THE DESIGNATED CIRCUIT.
13. POWER PACKS SHALL BE MOUNTED ABOVE FINISHED CEILING.
14. ALL CIRCUITS SHOWN SHALL BE 3/4" WITH 2#12, 1 #12G. AWG.
15. ALL LIGHTING CONTROL COMPONENTS SHALL BE FROM A SINGLE MANUFACTURER, AND MUST BE FROM THE SAME MANUFACTUER AS ALL BUILDINGS WITHIN THE CONTRACT. EQUIPMENT INCLUDES BUT NOT LIMITED TO OCCUPANCY SENSORS, RELAY/POWER PACKS, SWITCHES, RELAY PANELS, PHOTOSENSOR, ETC.
16. LIGHTING CONTROLS SELECTED SHALL HAVE THE CAPABILITY TO BE CONNECTED TO A MASTER HEAD-END SYSTEM (FUTURE CONTRACT)
17. ALL OUTDOOR LIGHTING SHALL BE POWERED VIA RELAY PANEL RP. RELAY PANEL SHALL BE EQUIPPED WITH BOTH A BUILT-IN TIME CLOCK AND A PHOTOSENSOR.
18. FOR EXTERIOR LIGHTING CONTROL WIRING INFORMATION SEE EXTERIOR RESTROOM SPACE WIRING DETAIL.
19. COORDINATE THE FINAL PLACEMENT OF LIGHTING WITH ARCHITECTURAL DRAWINGS.

SEQUENCE OF OPERATION:

RESTROOMS AND FAMILY RESTROOMS:

SUMMARY: AUTOMATIC-ON: NORMAL AND EMERGENCY LIGHTING LOAD | AUTOMATIC OFF: NORMAL LIGHTING LOAD

- ALL DEVICES ARE CONNECTED TO THE LOCAL SPACE'S OWN NETWORK AND ARE ALL LIGHTING CONTROL SHALL CONTROL LOCATED WITHIN ONE SPACE SHALL CONTROL ONLY THAT SPACE. BY DEFAULT NORMAL LIGHTING LOAD IS TURNED ON AUTOMATICALLY BY CEILING MOUNTED OCCUPANCY SENSORS. NORMAL LIGHTING FIXTURES WITHIN THE SPACES ARE EQUIPPED WITH 10-WATT EMERGENCY BATTERY PACKS, THAT SHALL ACTIVATE UPON LOSS OF NORMAL POWER. UPON 15 MINUTES OF VACANCY DETECTED THE NORMAL LIGHTING LOAD SHALL TURN THE SPACE'S LIGHTING FIXTURES OFF.
- OCCUPANCY SENSORS ARE THE ONLY CONTROLS ASSOCIATED WITH THE SPACES TO CONTROL THE SPACE'S LIGHTING FIXTURES. THE SPACE SHALL BE PROGRAMMED TO TURN ON THE LIGHTS AT 100% OF THE LIGHTING FIXTURE OUTPUT RATING UPON DETECTION OF OCCUPANCY, OR TURN THE LIGHTS TO 0% OF THE LIGHTING FIXTURE RATING UPON DETECTION OF VACANCY AFTER 15 MINUTES. THE OCCUPANCY SENSORS SHALL USE BOTH PASSIVE INFRARED AND MICROPHONIC TECHNOLOGIES. BOTH TECHNOLOGIES WITHIN THE SENSOR MUST DETECT SOMEONE IN THE SPACE IN ORDER TO TURN ON THE SPACE'S LIGHTING FIXTURE, BUT ONLY ONE OF THE TECHNOLOGIES NEED TO REMAIN ACTIVATED AND CONTINUALLY SENSE OCCUPANCY IN ORDER FOR THE LIGHTING FIXTURES TO REMAIN ON. DUAL-TECHNOLOGY SENSORS SHALL BE SELF-ADAPTIVE TO AUTOMATICALLY ADJUST SENSITIVITY AND TIMING.

JANITOR CLOSET, SPRINKLER EQUIPMENT ROOM, & ELECTRICAL ROOM :

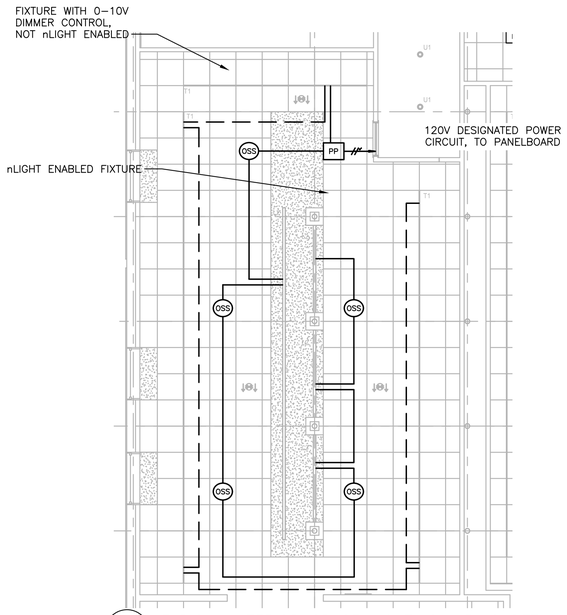
SUMMARY: MANUAL-ON: NORMAL LIGHTING LOAD | MANUAL OFF: NORMAL LIGHTING LOAD

- DUE TO LIFE SAFETY REQUIREMENTS ALL NORMAL LIGHTING ASSOCIATED FIXTURES WITHIN THE SPACE SHALL BE CONTROL AND OPERATED VIA A MANUAL LIGHTING SWITCH.

OUTDOOR LIGHTIING :

SUMMARY: PHOTOSENSOR-CONTROLLED: NORMAL LIGHTING LOAD

ALL AWNING AND OUTDOOR LIGHTING SHALL BE PHOTOSENSOR CONTROLLED VIA A RELAY PANEL. OUTDOOR LIGHTING SHALL BE ON DURING DUSK TO DAWN.



TYPICAL INTERIOR SPACE LIGHTING WIRING DETAIL

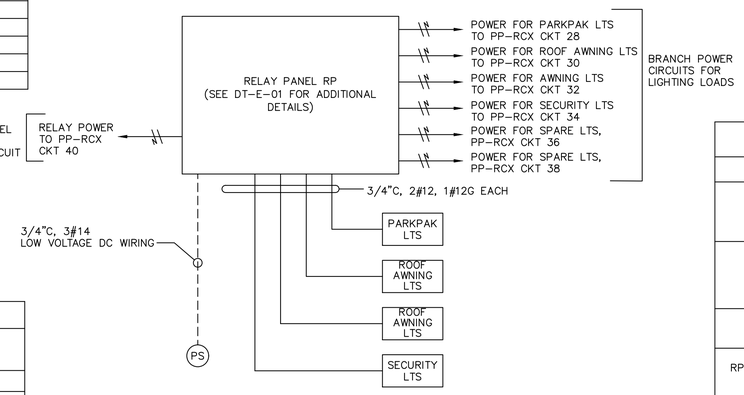
Scale: 3/16" = 1'-0"

0 4' 8'

SCALE: 3/16" = 1'-0"

RELAY LIGHTING PANEL		LOCATION: JANITORS CLOSET
CIRCUIT NO.	DESCRIPTION	NOTES
1	SPARE	NEW
2	SPARE	NEW
3	LEFT SIDE RECESSED LIGHTS	NEW
4	RIGHT SIDE RECESSED LIGHTS	NEW
5	SECURITY LIGHTS	NEW
6	RECESSED CEILING LIGHTS	NEW

CONDUIT AND WIRE LEGEND	
LINE TYPE	DESCRIPTION
———	1"C, 1-CAT 6
- - - - - -	3/4"C., 2#14 LOW VOLTAGE WIRING
—//—	3/4"C., 2#12, 1#12G.



EXTERIOR RESTROOM SPACE WIRING DETAIL

NOTES:

1. HOME RUNS SHOWN IN WIRING DETAIL SHALL BE 3/4" CONDUIT WITH 2#12, 1#12G.

LIGHTING CONTROL LEGEND	
SYMBOL	DESCRIPTION
OSS	OCCUPANCY / VACANCY SENSOR – SMALL MOTION, DUAL TECHNOLOGY (PASSIVE INFRARED/MICROPHONICS) ACUTITTY BRANDS, nLIGHT SYSTEM CATALOG NUMBER: nCM-PDT-9-RJB OR APPROVED EQUAL
PP 12	POWER / RELAY PACK 120V RATED SELF CONTROLLED RELAY SWITCH, EQUIPPED WITH RJ45, PLENUM RATED, CONFIGURATIVE RELAY LOGIC ACUTITY BRANDS, nLIGHT SYSTEM CATALOG NUMBER: nPP16-D-EFP-SA OR APPROVED EQUAL.
$	120V RATED LIGHTING SINGLE POLE SWITCH
RP	RELAY TIME CONTROL PANEL PROGRAMMABLE ZONE CONTROL PANEL UP TO 1 ADDRESS PER RELAY/DIMMING OUTPUT EQUIPPED WITH 0-10V DIMMING OUTPUT PER RELAY CATALOG NUMBER: ARP INTENCO8NLT-8SR-MVOLT-1VB-HLK-S-DTC OR APPROVED EQUAL
PS	RELAY TIME CONTROL PANEL PROGRAMMABLE ZONE CONTROL PANEL UP TO 1 ADDRESS PER RELAY/DIMMING OUTPUT EQUIPPED WITH 0-10V DIMMING OUTPUT PER RELAY CATALOG NUMBER: LSA-APS-OL OR APPROVED EQUAL

Drawing Name: G:\SavinAutocad\2060\25-Playland\CAD\E\RCX-E-05.dwg
Rev# Projectname: ---- Comments: ----
Printed by: MGadby Date: 24 September 2020 9:17 AM Designed by: ----
Xrefs: [TB_24X36_WestchesterCo_2.dwg] [TSG-SVL000.dwg] [RCXS-FP0004.dwg] [RCXE-FP0004.dwg] [AREF_03-RR.dwg] [AREF_03-RR.dwg] [EREF_03-RR.dwg]

CONSULTANT INFORMATION

Savin Engineers, P.C.

CONSULTANT SEAL

STATE OF NEW YORK · DAVID G. FREDERICKS · 086076 · LICENSED PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED ☐ AS BUILT – NO CHANGES

CONTRACTOR: NAME / SIGNATURE / TITLE / DATE

PROJECT COORDINATOR: NAME / SIGNATURE / TITLE / DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS RESTROOMS
PROPOSED - LIGHTING PLAN

CONTRACT NUMBER	20-501
SHEET NUMBER	RCX-E-05
DWG NO.:	Page 194 of 387
SCALE:	AS SHOWN
DATE:	SEPTEMBER 2020
DPW FILE NUMBER	1-118-E-194
REV. NO.	0

PP-RCX

LOCATION: ELECTRIC CLOSET

1 NEMA RATING

200 AMP BUS RATING — 200A MAIN BREAKER — 42 KA SHORT CIRCUIT RATING — 3 POLES

208/120 VOLTS — 3 PHASE — 4 WIRE — 60 HZ — ELECTRONIC GRADE: NO — MOUNTING: SURFACE

CIRCUIT NO.	DESCRIPTION	LOAD KVA PHASE A	LOAD KVA PHASE B	LOAD KVA PHASE C	BREAKER AMPS/ POLES	NOTES	CIRCUIT NO.	DESCRIPTION	LOAD KVA PHASE A	LOAD KVA PHASE B	LOAD KVA PHASE C	BREAKER AMPS/ POLES	NOTES
1	SPARE	0			20/1	1	2	WOMENS CEILING LIGHTS	1.2			20/1	1
3	SPARE		0		20/1	1	4	MENS CEILING LIGHTS		1.2		20/1	1
5	MENS SIDE RECEPTACLES			1	20/1	1	6	WOMENS JANITORS LIGHT			1.2	20/1	1
7	WOMENS SIDE RECEPTACLES	1			20/1	1	8	MENS JANITORS LIGHT	0.5			20/1	1
9	WATER HEATER WH-1		4.5		30/2	1	10	FAMILY RESTROOM LIGHT 1		1.2		20/1	1
11				4.5		1	12	FAMILY RESTROOM LIGHT 2			1.2	20/1	1
13	UH-1	5			30/1	1	14	SPRINKLER ROOM LIGHT	1.2			20/1	1
15	EF-1		1.5		20/1	1	16	SPARE				20/1	1
17	OUTDOOR RECEPTACLE 1			0.5	20/1	1	18	WATER HEATER WH-2			4.5	30/2	1
19	OUTDOOR RECEPTACLE 2	0.5			20/1	1	20		4.5				1
21	OUTDOOR RECEPTACLE 3		0.5		20/1	1	22	WOMENS HAND DRYERS		5		30/2	1
23	OUTDOOR RECEPTACLE 4			0.5	20/1	1	24				5		1
25	MENS HAND DRYERS	5			30/2	1	26	ELECTRIC ROOM LIGHT	2			20/1	1
27			5			1	28	RELAY LIGHTING PANEL		2		20/1	1
29	DRY SYSTEM COMPRESSOR DC-1			0.35	20/1	1	30	RELAY LIGHTING PANEL			2	20/1	1
31		0.35			20/1	1	32	RELAY LIGHTING PANEL	2			20/1	1
33	SPARE				20/1	1	34	RELAY LIGHTING PANEL		2		20/1	1
35	SPARE				20/1	1	36	RELAY LIGHTING PANEL			2	20/1	1
37	SPARE				20/1	1	38	RELAY LIGHTING PANEL	2			20/1	1
39	SPARE				20/1	1	40	RELAY LIGHTING PANEL		2		20/1	1
41	SPARE				20/1	1	42	SPARE				20/1	1
	TOTAL PHASE KVA THIS SIDE	11.85	11.5	6.85				TOTAL PHASE KVA THIS SIDE	13.4	13.4	15.9		
								TOTAL KVA PER PHASE	25.25	24.9	22.75		
								TOTAL THREE PHASE KVA		72.9			

NOTES:
1. PROVIDE NEW CIRCUIT BREAKER AS SHOWN
2.
3.
4.

NOTES CONT:
5.
6.
7.
8.

NOTES:
1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.

Drawing Name: G:\SavinAutocad\2060\25-Playland\CAD\E\RCX-E-06.dwg
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Xrefs: [TB_24X36_WestchesterCo_2.dwg] [TSG-SVLOGO.dwg]

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CONTRACT NUMBER 20-501
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