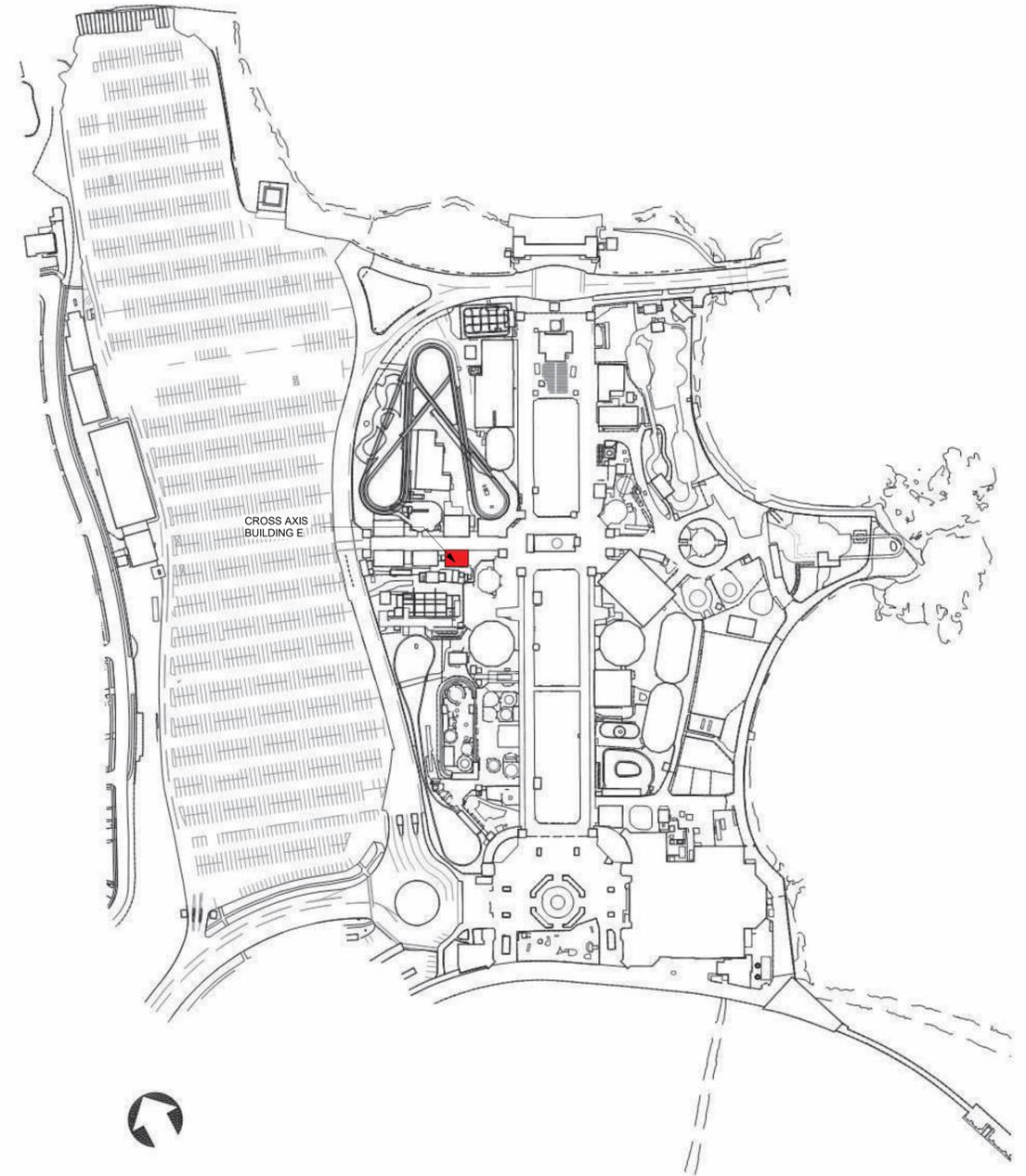


1 CXE - BUILDING AXONOMETRIC



KEY MAP
SCALE: N.T.S.

8/30/2022 4:20:46 PM

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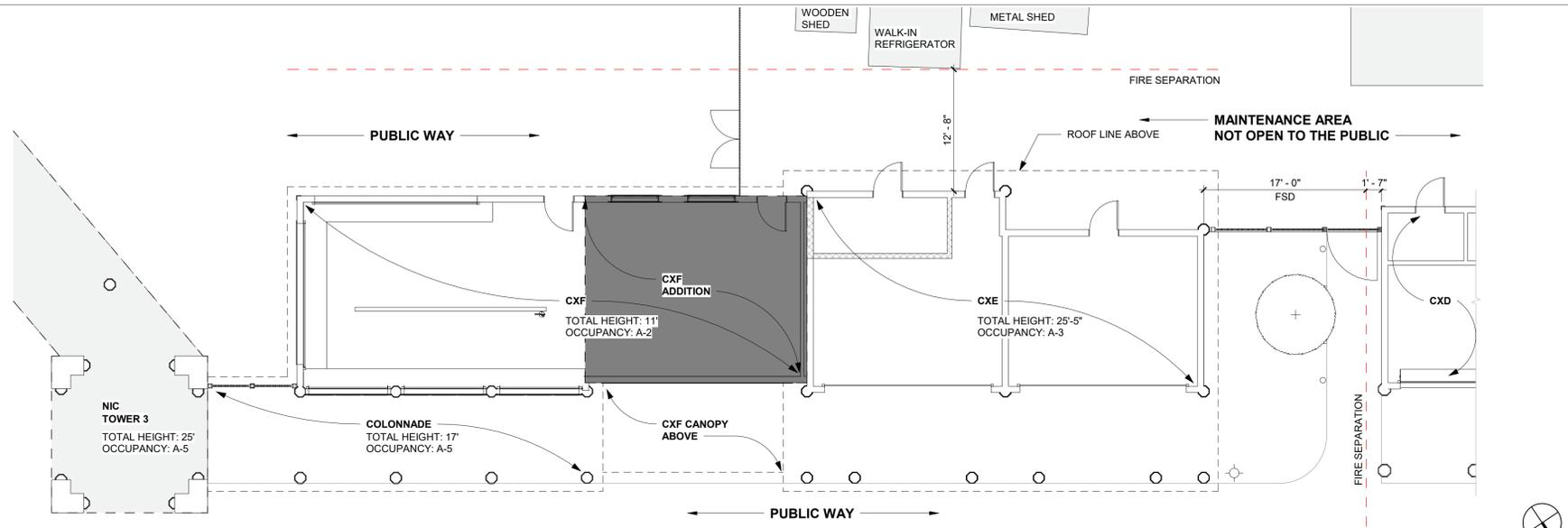
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

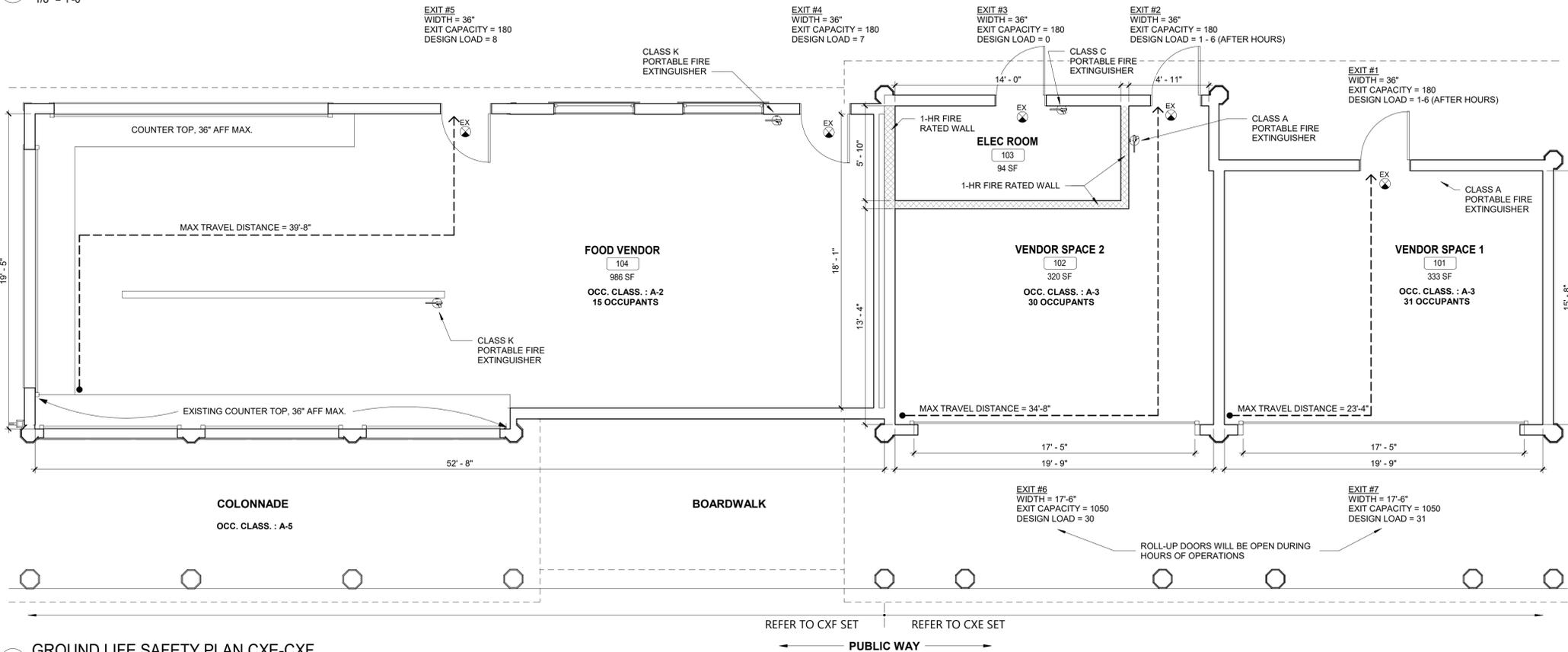
**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
BUILDING INTRO**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-G-01
DWG NO.: 251 of 664	
SCALE: 12" = 1'-0"	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-G-1000-0	REV. NO. 0



2 GROUND PLAN FIRE SEPARATION

1/8" = 1'-0"



1 GROUND LIFE SAFETY PLAN CXE-CXF

1/4" = 1'-0"

APPLICABLE CODES

NEW YORK STATE BUILDING CODE 2020 (BC)
 NEW YORK STATE EXISTING BUILDING CODE 2020 (EBC)
 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE (ECCC)
 NFPA 13 2013 (NFPA 13)

HISTORICAL BUILDING REGISTRY

PLAYLAND AMUSEMENT PARK IS A DESIGNATED NATIONAL HISTORIC LANDMARK AND IS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES.

THE NATIONAL HISTORIC PLACES REGISTER REFERENCE NUMBER: 80004529_NHL
 NATIONAL ARCHIVE IDENTIFIER: 75323175

CROSS AXIS BUILDING E IS A CONTRIBUTING STRUCTURE OF THE LANDMARK AND THEREFORE AN HISTORIC BUILDING UNDER THE 2020 BUILDING CODE AND 2020 EXISTING BUILDING CODE OF NEW YORK STATE

2020 NYS ENERGY CONSERVATION CODE

[NY] C501.6 HISTORIC BUILDINGS
 PROVISIONS OF THIS CODE RELATING TO THE CONSTRUCTION, REPAIR, ALTERATION, RESTORATION AND MOVEMENT OF STRUCTURES, AND CHANGE OF OCCUPANCY SHALL NOT BE MANDATORY FOR HISTORIC BUILDINGS.

EXISTING BUILDING CODE

EBC 302.4 - EXISTING MATERIALS
 MATERIALS ALREADY IN USE IN A BUILDING IN COMPLIANCE WITH REQUIREMENTS OR APPROVALS IN EFFECT AT THE TIME OF THEIR ERECTION OR INSTALLATION SHALL BE PERMITTED TO REMAIN IN USE UNLESS DETERMINED BY THE BUILDING OFFICIAL TO BE UNSAFE.

EBC 302.5 - NEW REPLACEMENT MATERIALS
 EXCEPT AS OTHERWISE REQUIRED OR PERMITTED BY THIS CODE, MATERIALS PERMITTED BY THE APPLICABLE CODE FOR NEW CONSTRUCTION SHALL BE USED. LIKE MATERIALS SHALL BE PERMITTED FOR REPAIRS AND ALTERATIONS, PROVIDED THAT UNSAFE CONDITIONS ARE NOT CREATED. HAZARDOUS MATERIALS SHALL NOT BE USED WHERE THE CODE FOR NEW CONSTRUCTION WOULD NOT PERMIT THEIR USE IN BUILDINGS OF SIMILAR OCCUPANCY, PURPOSE AND LOCATION.

EBC 305.5 - ADDITIONS
 PROVISIONS FOR NEW CONSTRUCTION SHALL APPLY TO ADDITIONS.

NEW CONSTRUCTION MIN R-VALUE

[NY] TABLE C402.1.3/4
 CLIMATE ZONE - MARINE 4

WOOD FRAME WALLS, ABOVE GROUND	MIN R-20
ATTIC AND OTHER ROOFS	MIN R-38
UNHEATED SLABS	MIN R-10 FOR 24" BELOW
OPAQUE SWINGING DOOR	MAX U-0.37
GARAGE DOOR	MAX U-0.31
OPERABLE FENESTRATION	MAX U-0.45

ADDITION TO MEET PRESCRIPTIVE METHOD C502.2 IN 2020 NYS ECCC

CODE ANALYSIS		
2020 Building code of New York State		
Construction Type (Tbl 601)	V B	(Fully Sprinklered)
Occupancy Classification	A-3 (CXE) A-2 (CXF)	Arcade Food Vendor
Number of Stories (Tbl 504.4)	1	< 2 (max. allowable)
Height (ft) (Tbl 504.3)	25.4'	< 60 (max. allowable)
Building Area (sf) (Tbl 506.2)	1,795	< 24,000 (max. allowable)
Fire-Resistance Rating Requirements (Tbl 601)	Required	Existing
Primary Structure Frame (including Columns, Girders, Trusses)	0	0
Bearing Walls Exterior (Tbl 602)	0	0
Interior	0	0
Nonbearing Walls and Partitions Exterior (Tbl 602)	0	0
Interior	0	0
Floor Construction Including supporting beam and joists	0	0
Roof Construction Including supporting beam and joists	0	0
Allowable Area of Openings (BC 705.8)		
Fire separation distance 15 > 10 ft (Unprotected, Sprinklered)	45%	12%
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)	Required	Provided
Fire Hazard	Class A Class K Ordinary	Class A Class K -
Hazard Occupancy		
Minimum rated single extinguisher	2-A	Class K
Maximum floor area per unit of A	1,500 sf	333 sf
Maximum floor area for extinguisher	11,250 sf	493 sf
Maximum distance of travel to extinguisher	75'	35'
Number of Type 2-A extinguishers required	Required	Provided
First Floor	2	4
Means of Egress		
Max. Floor Area Allowances per Occupant (Tbl 1004.5) (sf)		
Amusement arcades	11 gross	
Kitchens, commercial	200 gross	
Occupant Load		
Vendor #1 (333 sf)	31	
Vendor #2 (320 sf)	30	
Food Vendor (986 sf)	15 (designed load)	
Elec. Room (95 sf)	0 (not occupiable)	
Egress Width per Occupant (BC 1005)		
Other Egress Components	0.2	
Egress Width Required (inches)		
Vendor #1*	6.2	36 Provided
Vendor #2*	6	36 Provided
Food Vendor	3	72 Provided
*Note: Roll-up doors will be open during business hours		
Single Exits (BC 1006.3.3[2])	Minimum	Provided
First Story above or below grade plane (A Occupancy) in compliance with Tbl 1006.2.1. Occupant load < 49 per space	1	1
Maximum Common Path of Egress Travel (Tbl 1006.2.1)	Permitted	Proposed
A Occupancy with Sprinkler System	75'	0'
Maximum Travel Distance (BC 1017)		
A Occupancy with Sprinkler System	250'	39'-8"

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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

WESTCHESTER COUNTY, NEW YORK
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 DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION PHASE 3
 PLAYLAND PARK, RYE, NEW YORK
 CROSS AXIS BUILDING E
 CXE & CXF - LIFE SAFETY PLANS**

CONTRACT NUMBER	SHEET NUMBER
22-523	CXE-G-02
DWG NO.: 252 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER	REV. NO.
1-118-G-1001-0	0

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SHEET NOTES

- PROVIDE PROTECTION FOR EXISTING FEATURES TO REMAIN. PROVIDE PROTECTION PLAN FOR APPROVAL
- SCHEDULE AND COMPLETE WORK AS REQUIRED TO GIVE THE SITE IMPROVEMENT CONTRACTORS ACCESS TO THEIR JOBSITE

RESTORATION KEY NOTES

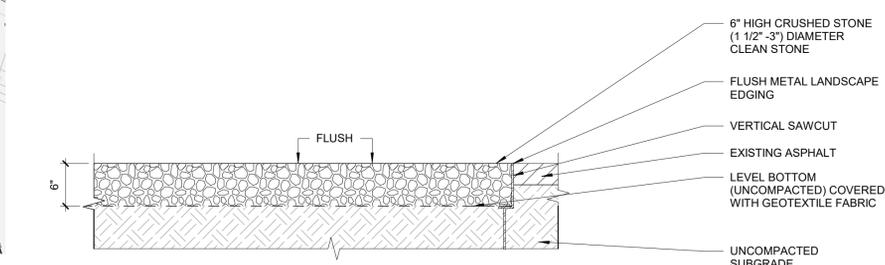
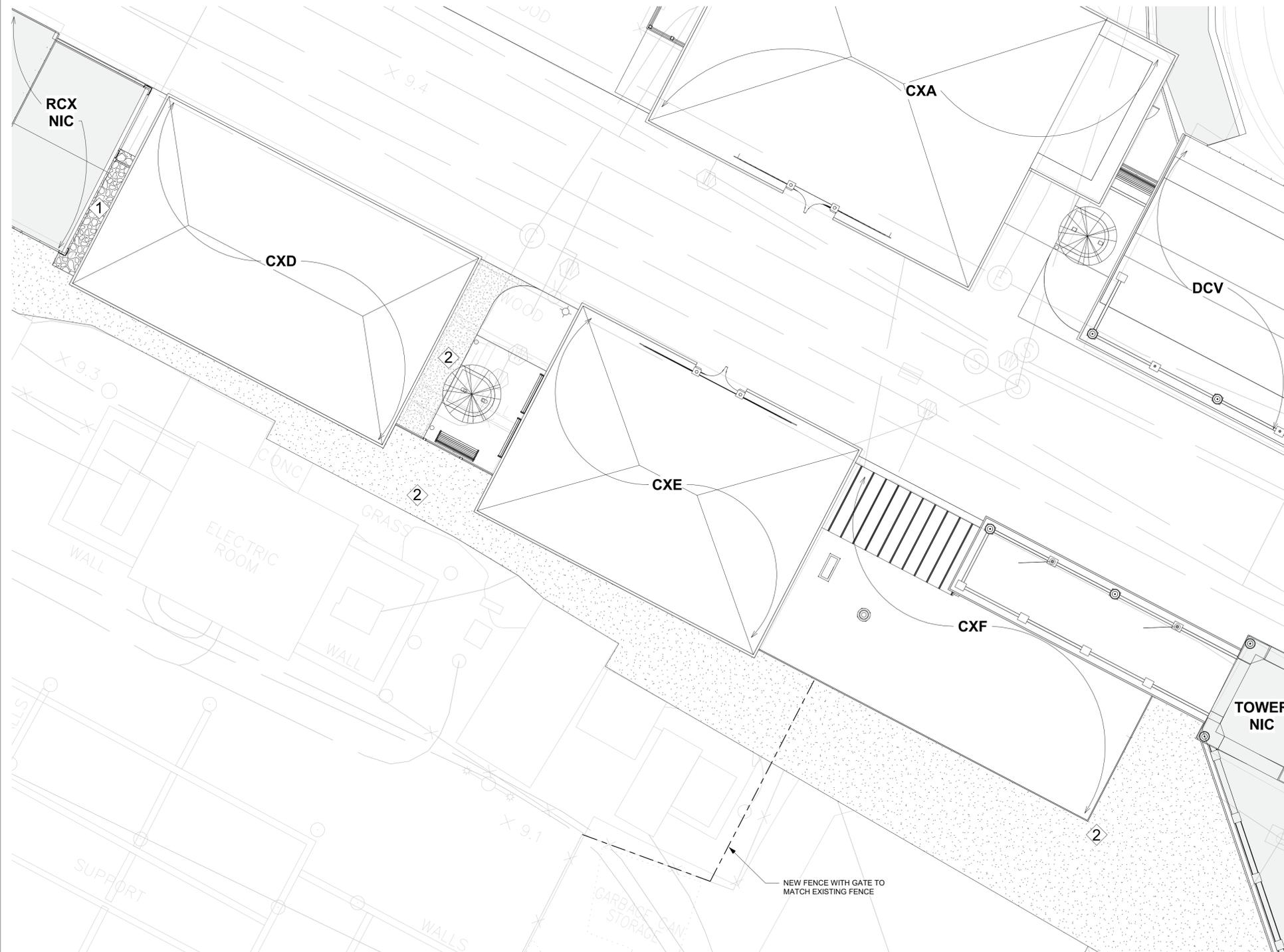
- ① NEW GRAVEL (PERMEABLE) SURFACE. SEE DETAIL 3 ON SHEET
- ② REPAIR ASPHALT AS REQUIRED

CONSTRUCTION NOTES

- REPLACE ALL PLANTED MATTER DISTURBED DURING CONSTRUCTION UNLESS STATED OTHERWISE.
- REPAIR ALL DAMAGED PARK PROPERTY INCURRED DURING CONSTRUCTION.
- REPAIR ASPHALT AS REQUIRED
- REPAIR SOD AS REQUIRED

RESTORATION LEGEND

-  ASPHALT REPAIR
-  GRAVEL SURFACE IN AREA SHOWN ON 3/CXE-G-3



② SITE RESTORATION PLAN
1/8" = 1'-0"

① GRAVEL SURFACE
1" = 1'-0"

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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

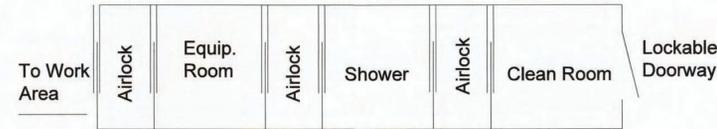
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CXD - CXE - CXF
CXE - SITE RESTORATION**

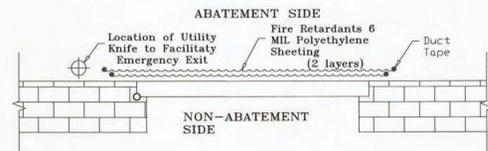
CONTRACT NUMBER 22-523	SHEET NUMBER CXE-G-03
DWG NO.: 253 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-G-1002-0	REV. NO. 0

PLAYLAND REHABILITATION & UPGRADES CXE - ASBESTOS ABATEMENT 1 PLAYLAND PKWY, RYE, NY 10580

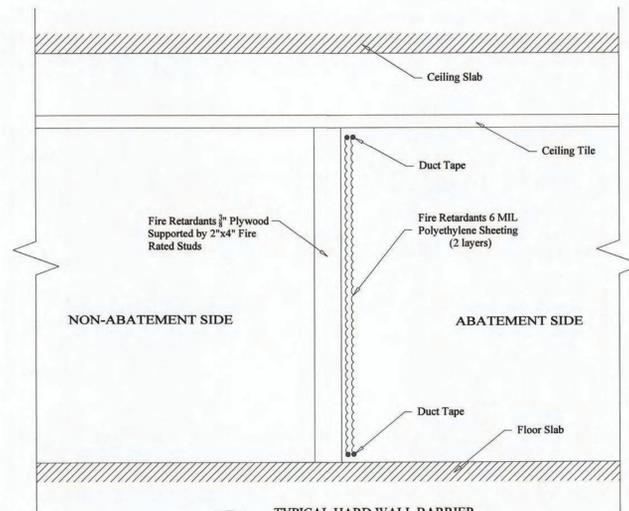
DETAILS:



1
CXE-H-10
LARGE PROJECT REMOTE WORKER DECONTAMINATION UNIT
Not To Scale



2
CXE-H-10
TYPICAL SOFT WALL BARRIER AT OPENINGS LESS THAN 32SF
Not To Scale

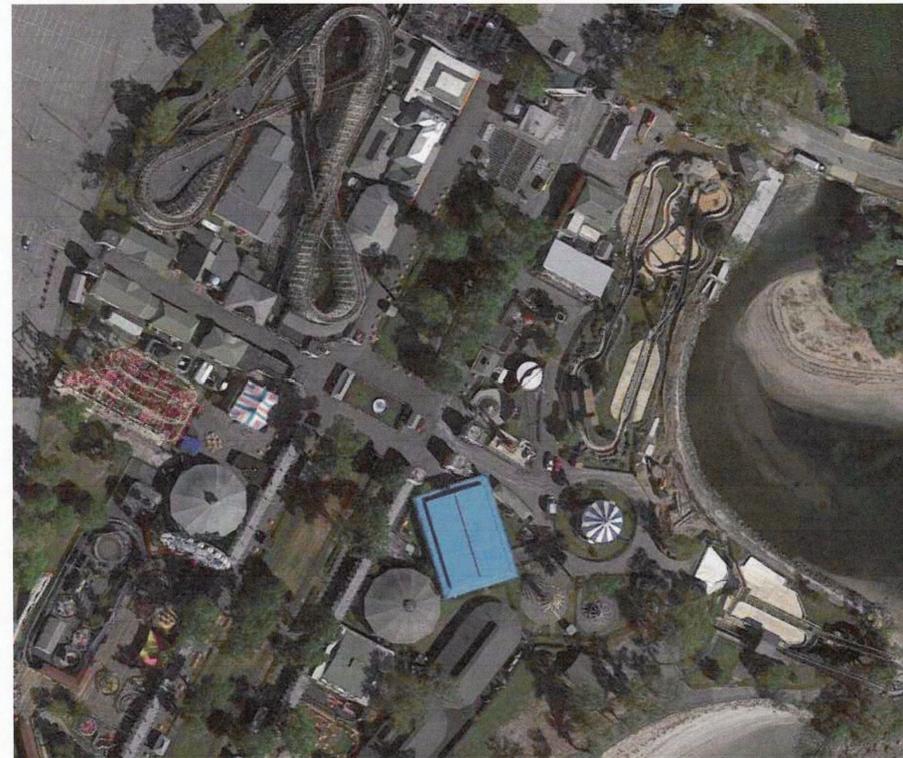


3
CXE-H-10
TYPICAL HARD WALL BARRIER AT OPENINGS MORE THAN 32SF
Not To Scale

SCOPE OF WORK TABLE:

Work area	Location	Description of Asbestos Materials	Approximate Quantity of ACM	ICR 56 Procedure
1	CXE Cross Axis Building E (South Games Buildings)	Fascia Board	1140 SF	56.11.6
2		Column Caulk	79 SF	

KEYPLAN:



LEGEND:

- WORK AREA LIMITS
- P/W R # REMOTE WORKER DECONTAMINATION UNIT
- WC WASTE HOLDING AREA
- X AIRLOCK
- W TEMPORARY WATER SOURCE
- E TEMPORARY ELECTRICAL SOURCE

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.

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CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

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DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
GENERAL ASBESTOS ABATEMENT NOTES**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-H-10
DWG. NO.:	254 of 664
SCALE:	NOT TO SCALE
DATE:	08/23/2022
DPW FILE NUMBER 1-118-G-1003-0	REV. NO. 0

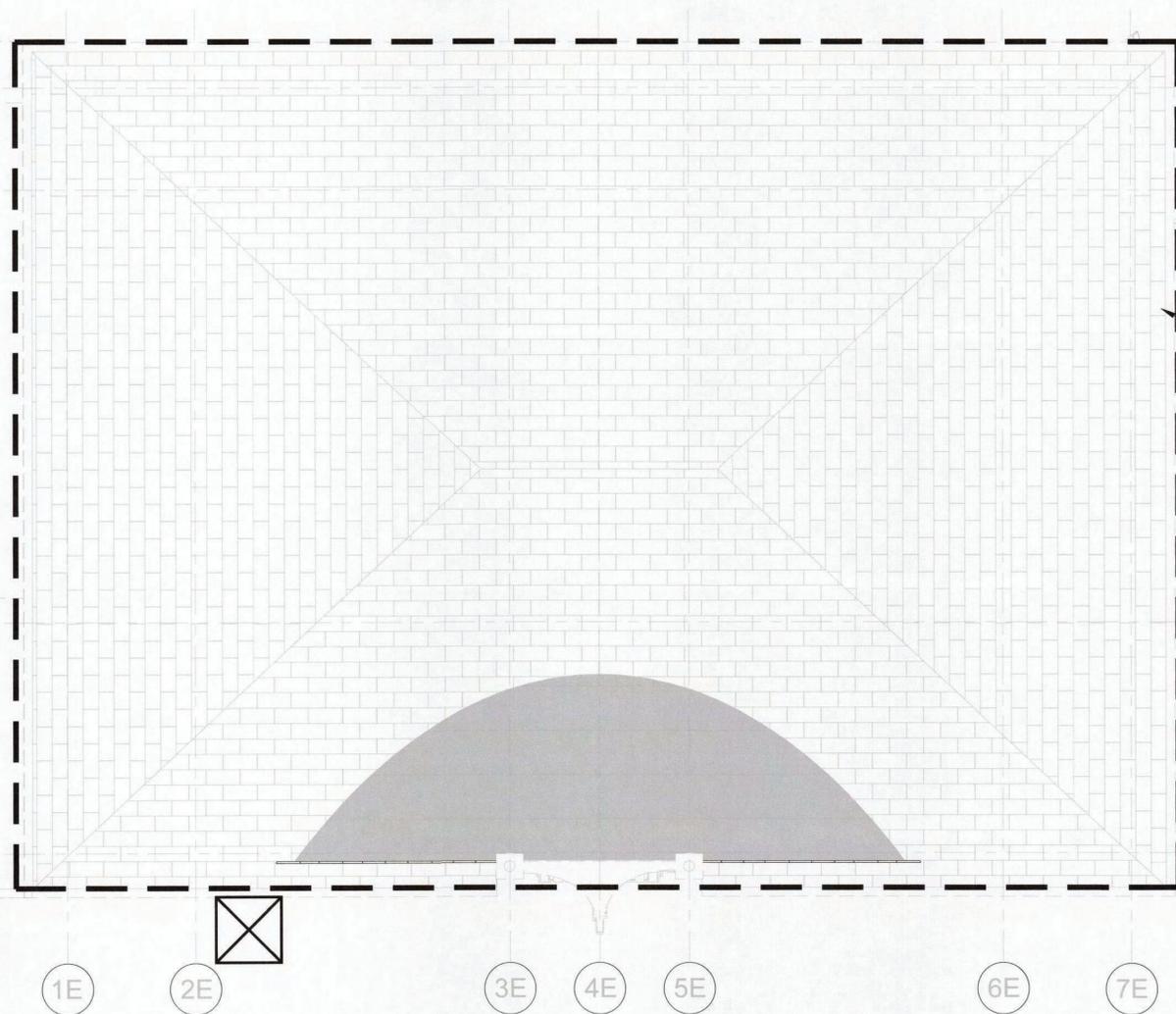
HAZARDOUS WASTE
HOLDING AREA

WC

P/W R 1
W E

REMOTE WORKER DECONTAMINATION
UNIT FOR USE WITH WORK AREA #1 & 2

WORK AREA #1
FASCIA BOARD



1 ROOF - ASBESTOS ABATEMENT PLAN
NTS



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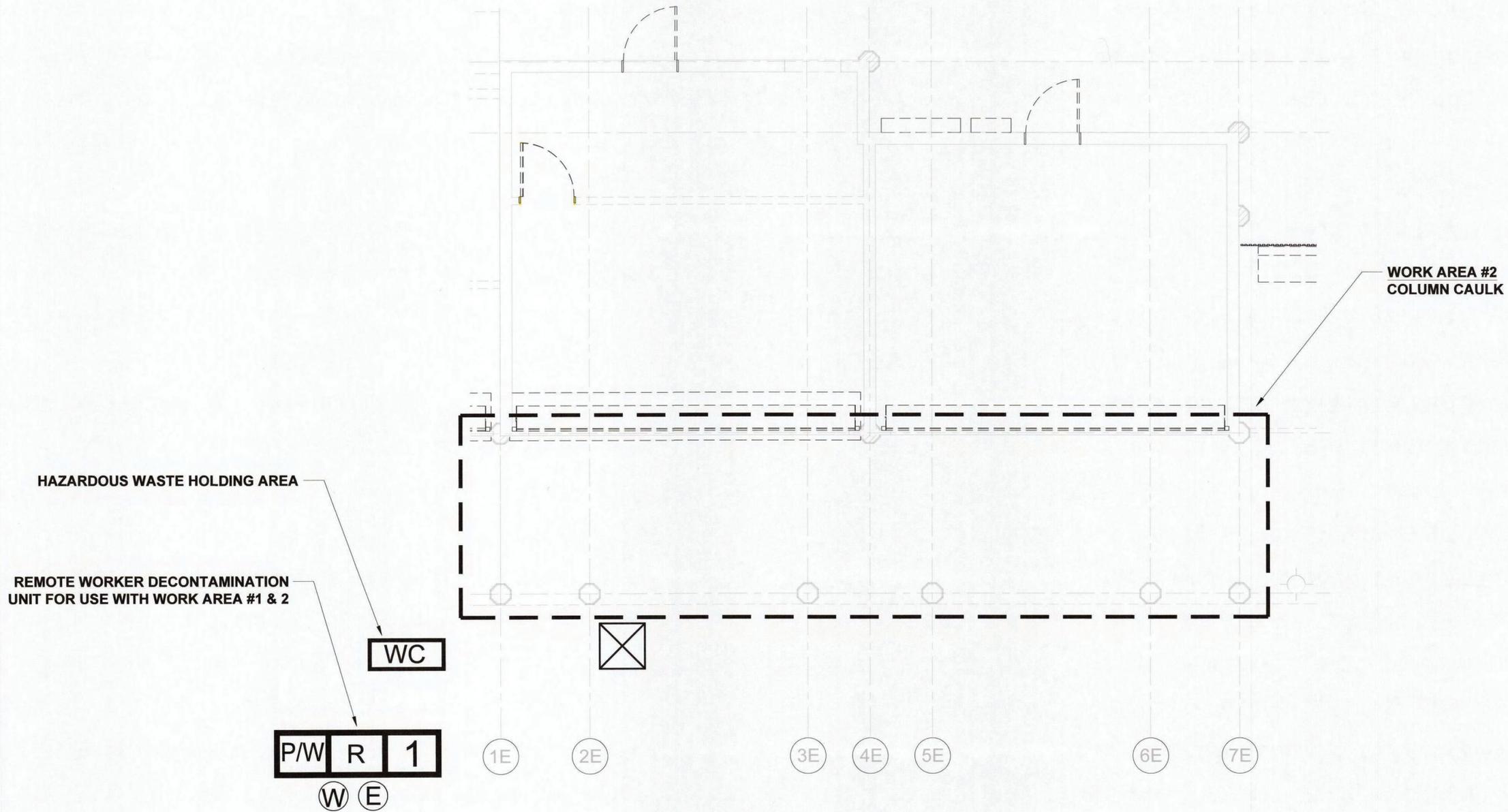
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

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

INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
ROOF - ASBESTOS ABATEMENT PLAN

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-H-11
DWG NO.: 255 of 664	SCALE: NOT TO SCALE
DATE: 08/23/2022	REV. NO.: 0
DPW FILE NUMBER: 1-118-G-1004-0	



1 GROUND FLOOR - ASBESTOS ABATEMENT PLAN
NTS

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AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

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

**INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
GROUND FLOOR - ASBESTOS ABATEMENT PLAN**

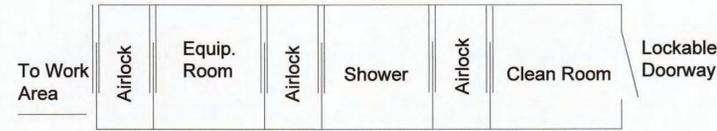
CONTRACT NUMBER 22-523	SHEET NUMBER CXE-H-12
DWG NO.:	256 of 664
SCALE:	NOT TO SCALE
DATE:	08/23/2022
DPW FILE NUMBER 1-118-G-1005-0	REV. NO. 0

PLAYLAND REHABILITATION & UPGRADES

CXE - LEAD REMEDIATION

1 PLAYLAND PKWY, RYE, NY 10580

DETAILS:




 LARGE PROJECT REMOTE WORKER
 DECONTAMINATION UNIT
 Not To Scale

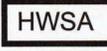
SCOPE OF WORK TABLE:

Work area	Location	Description	Material	Quantity	Procedure
1	Exterior	Entire Building	Painted Surfaces	600 SF	Manual Wet Scraping/Chemical Strip

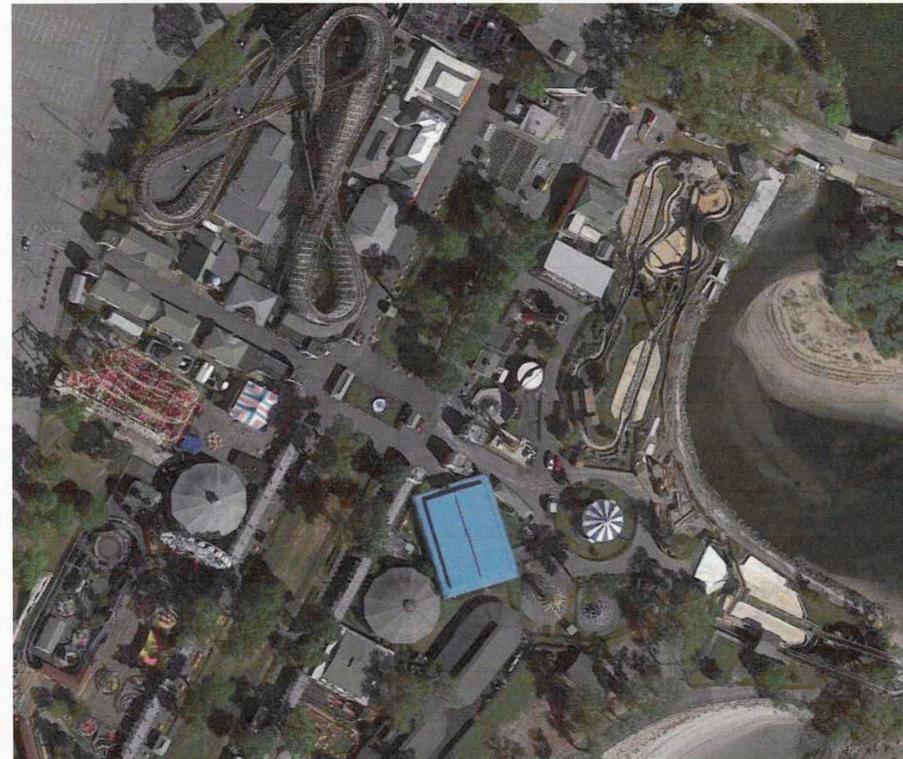
PROJECT NOTES:

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.

LEGEND:

-  WORK AREA LIMITS
-  OSHA HANDWASHING STATION
-  HAZARDOUS WASTE STORAGE AREA
-  AIRLOCK
-  TEMPORARY WATER SOURCE
-  TEMPORARY ELECTRICAL SOURCE
-  EXTERIOR PAINTED SURFACES

KEYPLAN:



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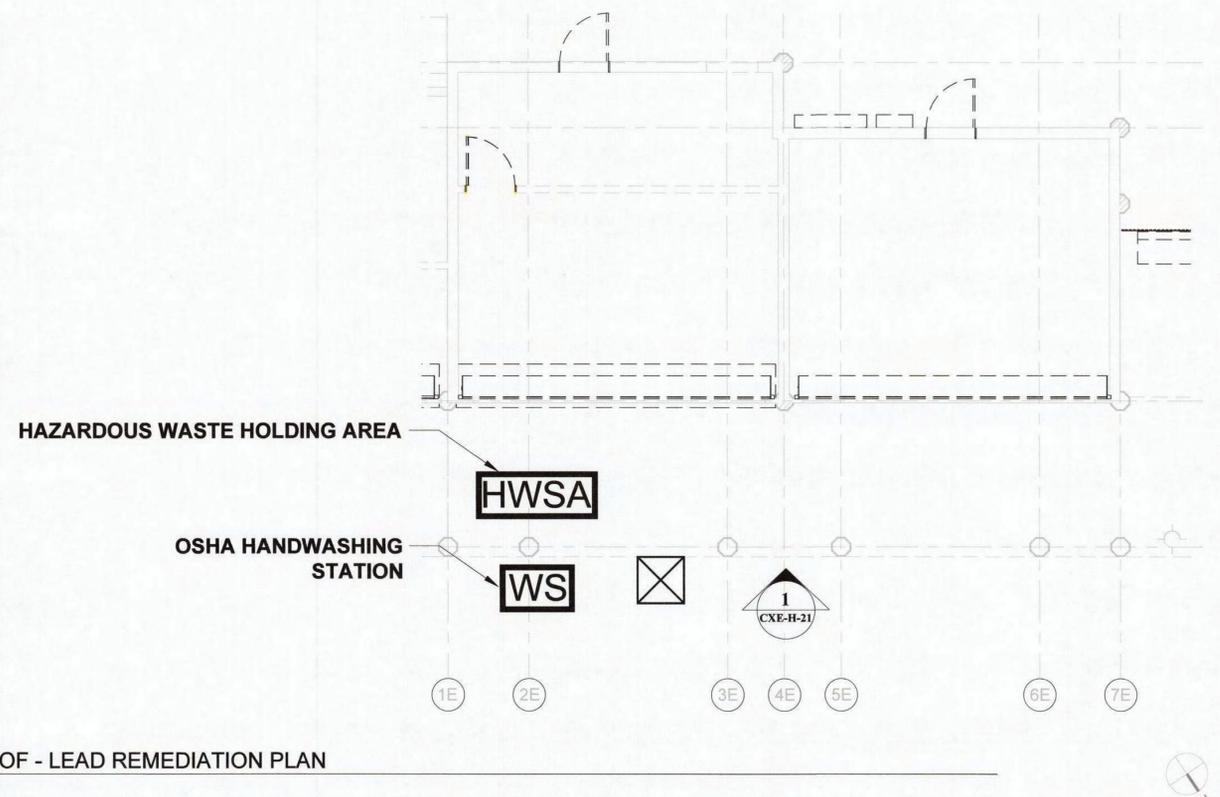
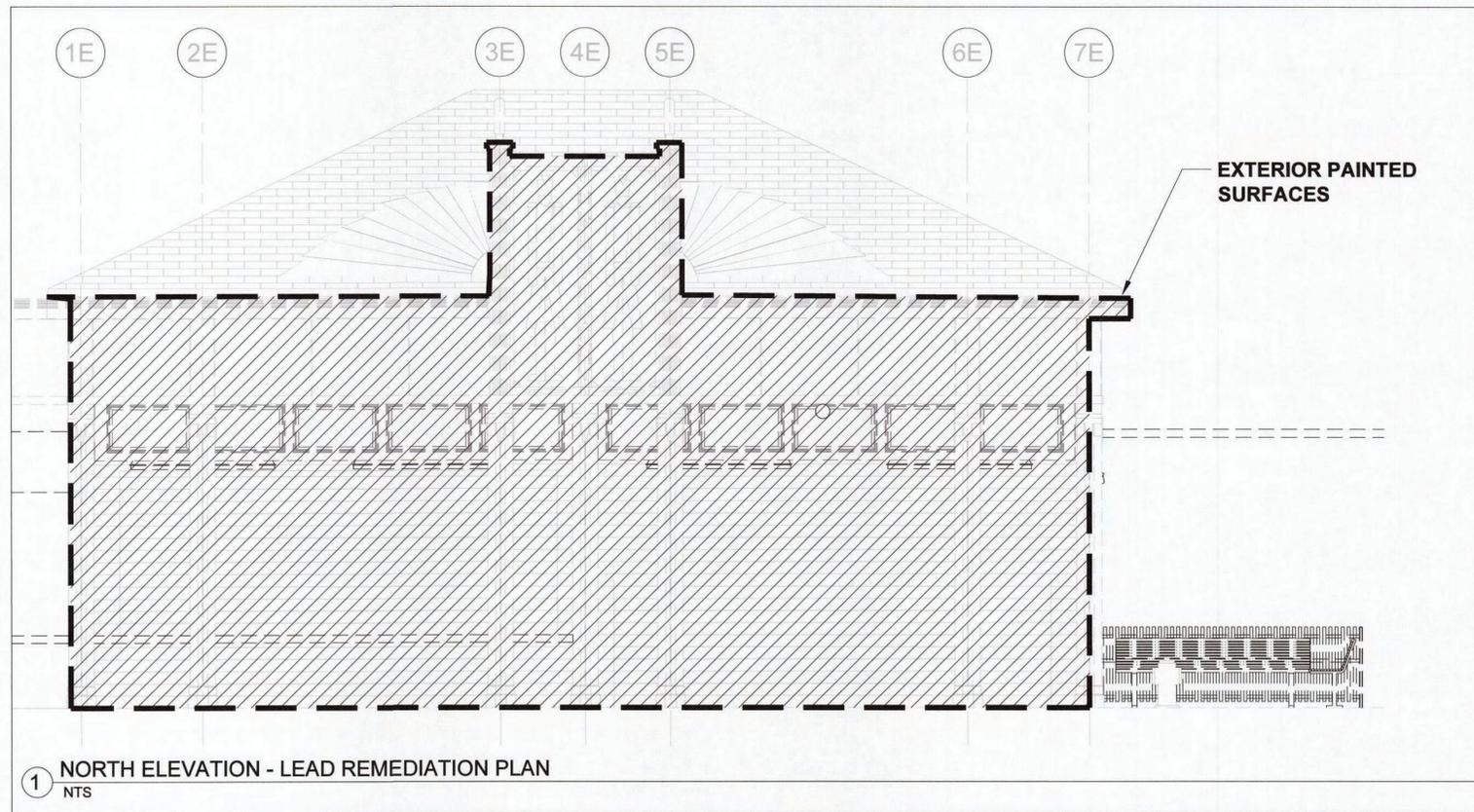
RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED
 AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
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INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
GENERAL LEAD REMEDIATION NOTES

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-H-20
DWG. NO.:	257 of 664
SCALE:	NOT TO SCALE
DATE:	08/23/2022
DPW FILE NUMBER 1-118-G-1006-0	REV. NO. 0



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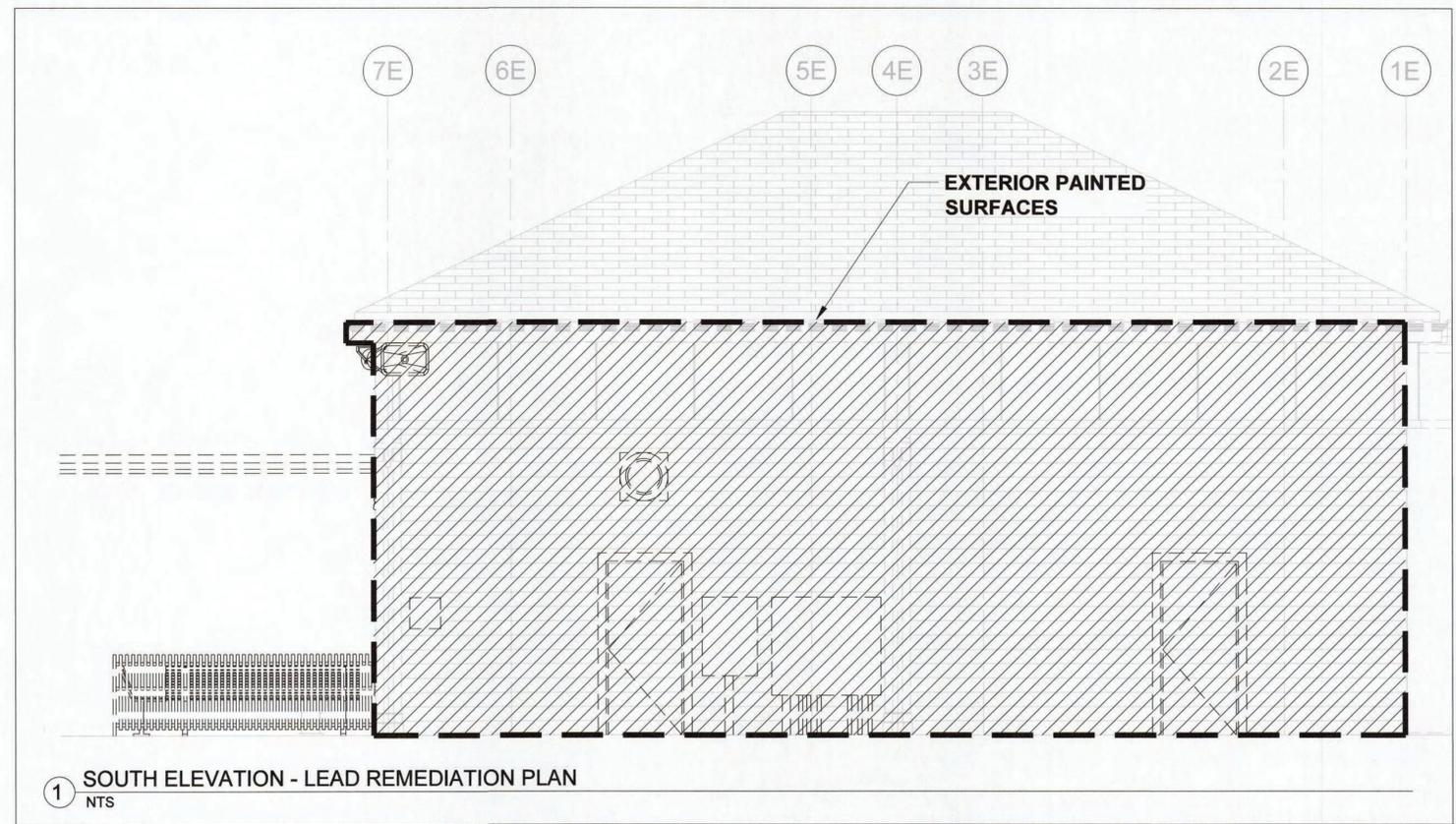
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

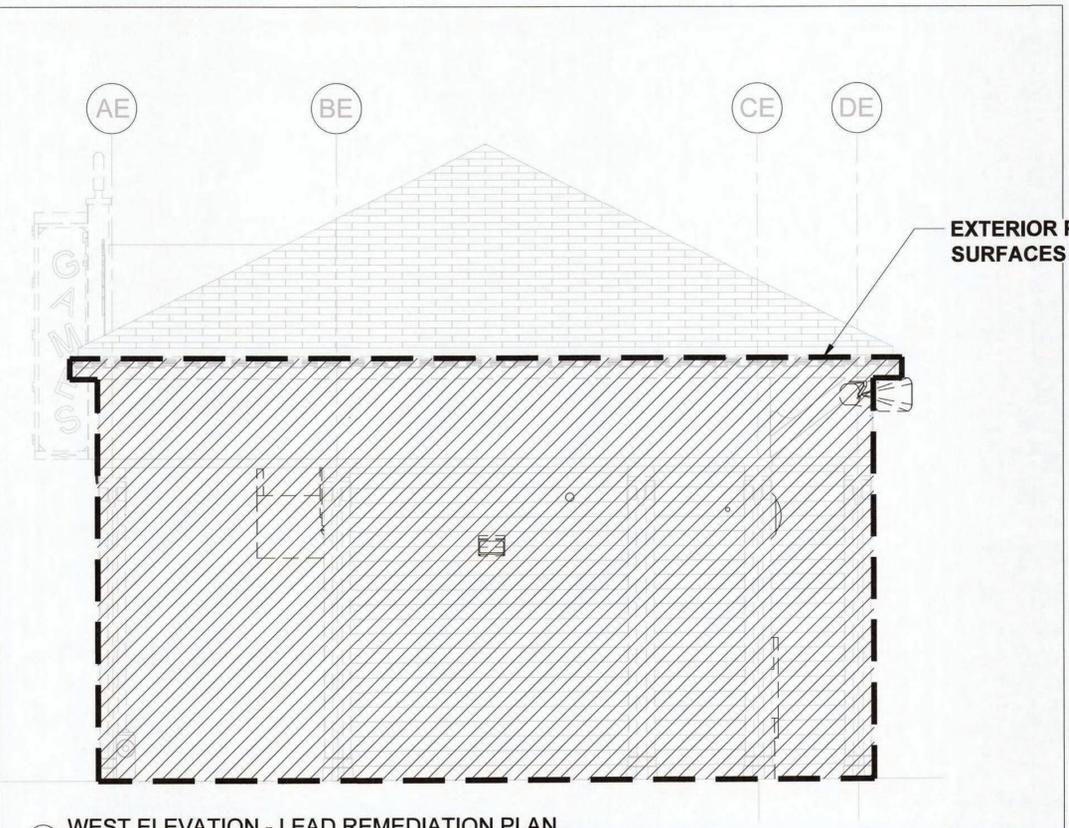
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**INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
NORTH & EAST ELEVATION - LEAD REMEDIATION PLAN**

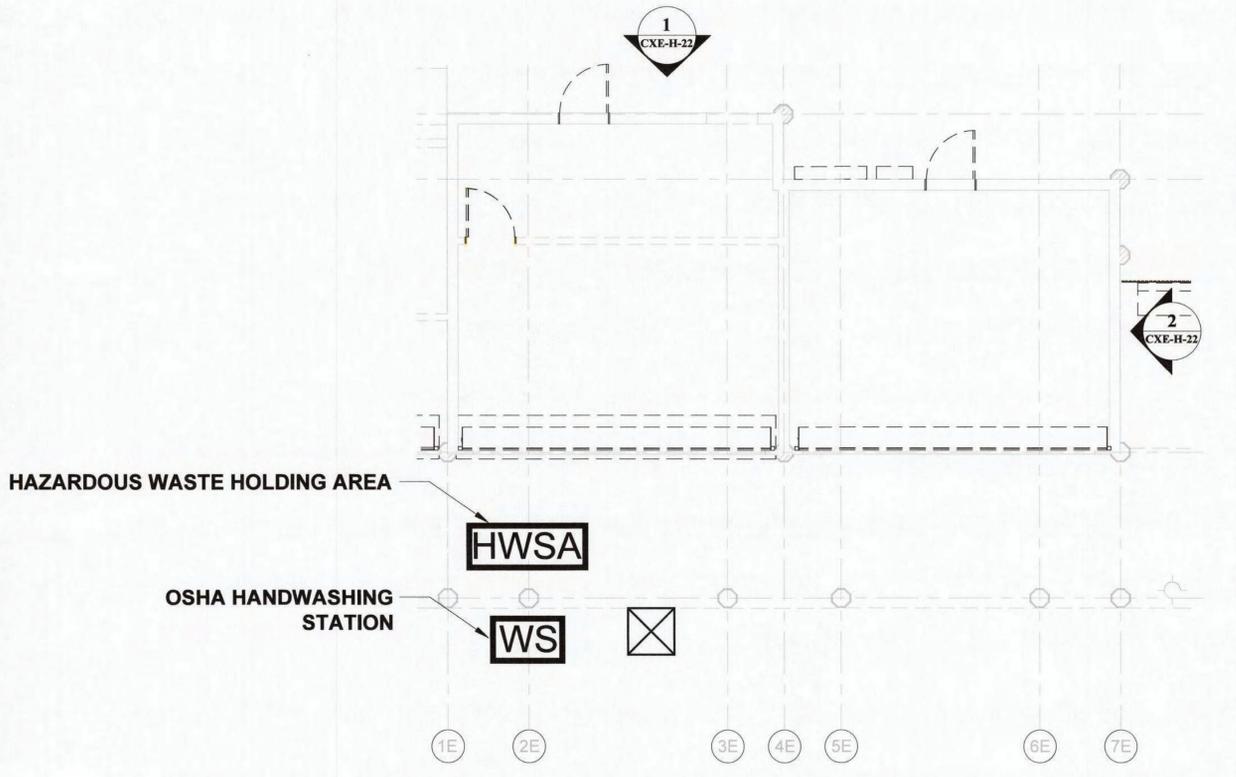
CONTRACT NUMBER 22-523	SHEET NUMBER CXE-H-21
DWG NO.:	258 of 664
SCALE:	NOT TO SCALE
DATE:	08/23/2022
DPW FILE NUMBER 1-118-G-1007-0	REV. NO. 0



1 SOUTH ELEVATION - LEAD REMEDIATION PLAN
NTS



2 WEST ELEVATION - LEAD REMEDIATION PLAN
NTS



1 ROOF - LEAD REMEDIATION PLAN
NTS

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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

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

**INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E**

SOUTH & WEST ELEVATION - LEAD REMEDIATION PLAN

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-H-22
DWG. NO.:	SCALE: 259 of 664 NOT TO SCALE
DATE: 08/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-G-1008-0	

DEMOLITION NOTES:

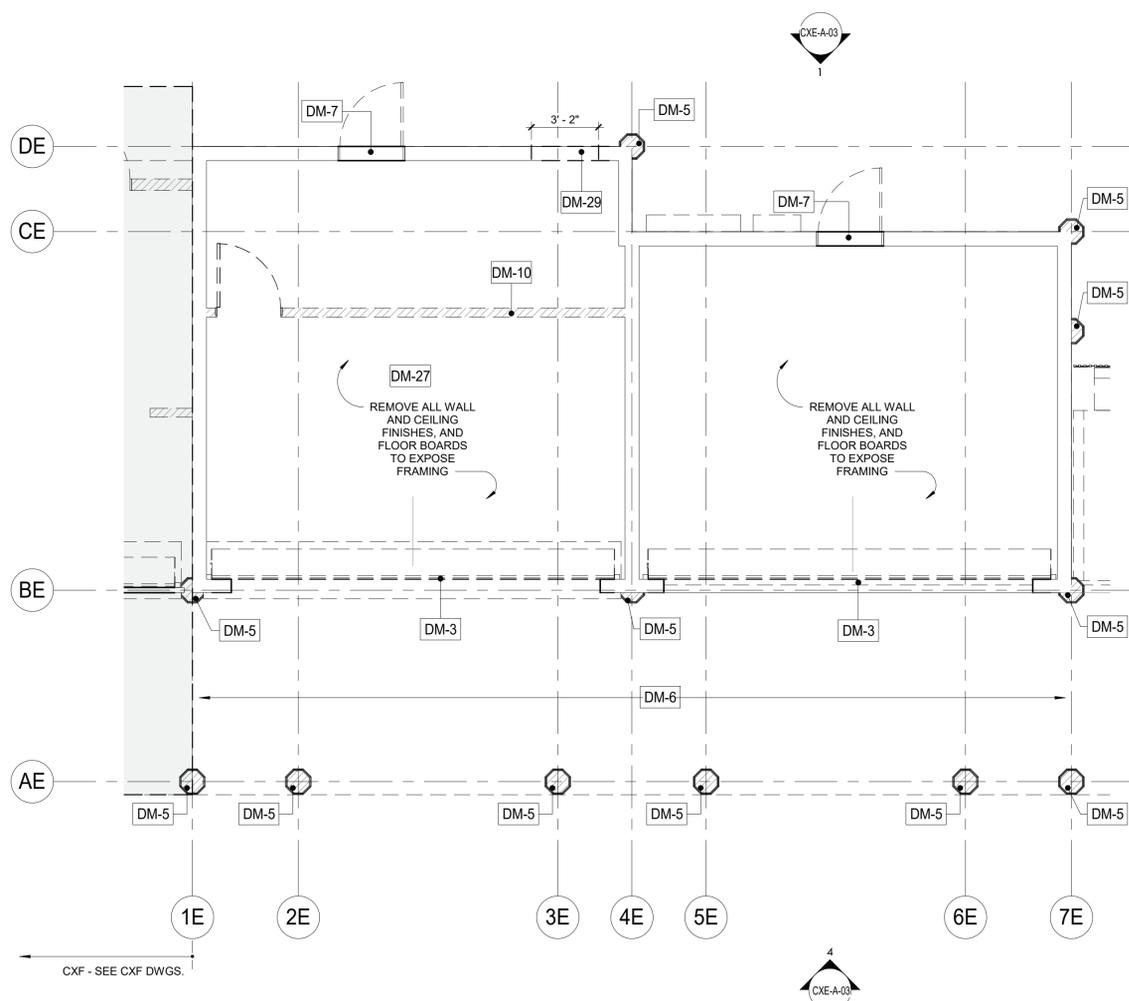
1. THE GENERAL CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIM/HERSELF WITH EXISTING CONDITIONS AND REQUIREMENTS OF THE WORK. THE GENERAL CONTRACTOR SHALL FIELD VERIFY EXACT QUANTITIES OF ALL ITEMS TO BE REMOVED.
2. THE CONTRACTOR SHALL PHOTOGRAPH AND DOCUMENT EXISTING HISTORIC DECORATIVE TRIMS INCLUDING SIZES AND PROFILES PRIOR TO ENVIRONMENTAL REMEDIATION WORK START.
3. ITEMS TO BE REMOVED / 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 CONTRACTOR'S RESPONSIBILITY TO REMOVE, PROTECT, AND MAKE CORRECTIONS AS REQUIRED TO ACHIEVE DRAWING INTENT. THE GENERAL CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY STRUCTURAL NONCONFORMITY TO PLANS AND SPECIFICATIONS.
4. PLAYLAND RESERVES THE RIGHT TO REVIEW ALL MATERIALS DESIGNATED FOR REMOVAL AND TO RETAIN OWNERSHIP OF SUCH MATERIALS. IF PLAYLAND RETAINS ANY MATERIAL THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE PLAYLAND'S SUPERINTENDENT TO HAVE THOSE MATERIALS REMOVED AND STORED OFF SITE AT NO ADDITIONAL COST.
5. DEMOLITION OF THE EXISTING BUILDING SHALL INCLUDE REMOVAL OF THE EXISTING FOUNDATIONS FOR THEIR ENTIRE DEPTH TO ACCOMMODATE INSTALLATION OF NEW FOUNDATIONS.
6. THE CONTRACTOR SHALL USE EXTREME CAUTION IN AREAS OF DEMOLITION WHICH MAY DISTURB EXISTING STRUCTURES, TEMPORARY SHORING, BARRICADES, DUST PARTITIONS, ETC. SHALL BE PROVIDED AS REQUIRED TO PROTECT ALL EXISTING STRUCTURES AND PROPERTY.
7. SEE STRUCTURAL, ELECTRICAL, SPRINKLER, AND PLUMBING DRAWINGS FOR RELATED DEMOLITION WORK.
8. VERIFY LOCATION OF EXISTING STRUCTURES AND SHORE UP ROOF/FLOOR ABOVE AS REQUIRED BEFORE REMOVING WALL.
9. REMOVAL OF ALL CEILINGS AND MOUNTED ITEMS THROUGHOUT THE CONTRACT AREA INCLUDE ANCHORING HARDWARE, AND MISCELLANEOUS FASTENINGS, ETC.
10. WALLS SHALL BE REMOVED AS INDICATED ON DEMOLITION PLANS. ALL UTILITIES IN WALL SHALL BE CUT TO BELOW SLAB OR ABOVE THE CEILING.
11. REMOVE ALL EXISTING ELECTRICAL AND PLUMBING LINES NOT TO BE RE-USED. CAP PLUMBING LINES AS REQUIRED. ELECTRICAL WIRING SHALL BE DISCONNECTED BACK TO THE NEAREST ACTIVE LOCATION. ALL ABANDONED COMMUNICATION CABLES (DATA, TELEPHONE, FIRE ALARM, AND AUDIO/VIDEO CABLES) SHALL BE REMOVED TO SOURCE IF NOT TAGGED FOR FUTURE USE.
12. DEMOLITION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR OF THIS CONTRACT. CONTRACTOR TO "CUT OFF" ALL NECESSARY UTILITIES REQUIRED TO OBTAIN DESIRED RESULTS. CONTRACTOR TO OBTAIN "SHUT OFF" APPROVALS FROM PLAYLAND PRIOR TO SCHEDULED DEMOLITION.
13. THE GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING CONSTRUCTION DISTURBED BY THE WORK AND PREPARE FOR NEW FINISH AS SHOWN ON THE INTERIOR ELEVATIONS.
14. THE EXISTING WOOD FLOOR SHALL BE CLEANED TO ALLOW FOR THE APPLICATION OF NEW FLOOR COATING.
15. 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.
16. ALL DEBRIS REMOVED FROM THE SITE SHALL BE DISPOSED OF IN A LEGAL MANNER.
17. EXISTING EXITS SHALL REMAIN FULLY ACCESSIBLE AND UNOBSTRUCTED DURING THE PROGRESS OF THE WORK.

DEMOLITION LEGEND

-  INDICATES DEMOLITION
-  DM - # DEMOLITION KEY NOTES
-  SHINGLES TO BE REMOVED
-  SBS MODIFIED BITUMEN TO BE REMOVED
-  INDICATES N.I.C.

DEMO KEYNOTES

DM-3	REMOVE ROLL DOWN DOOR AND ASSOCIATED HARDWARE.
DM-5	REMOVE COLUMN ENCLOSURES. CAREFULLY REMOVE AT LEAST ONE COLUMN ENCLOSURE TO USE AS REFERENCE IN ORDER TO REPLICATE TRIMS TO MATCH LOCATION, SIZE AND SHAPE AS INDICATED. COORDINATE WITH STRUCTURAL DRAWINGS.
DM-6	REMOVE EXISTING WOOD DECKING. (COORDINATE EXTENT OF REMOVAL REQUIRED TO REPAIR FLOOR JOISTS TO REMAIN AS NEEDED - SEE STRUCTURAL DRAWINGS).
DM-7	REMOVE EXISTING DOOR & FRAME.
DM-10	REMOVE EXISTING PARTITION.
DM-27	REMOVE EXISTING FLOORINGS.
DM-29	REMOVE SECTION OF EXISTING WALL. PROVIDE HEADER AS REQUIRED TO CREATE A DOOR OPENING. SEE ELEVATIONS FOR EXTENT.



1 GROUND FLOOR DEMOLITION PLAN CXE
1/4" = 1'-0"

CONSULTANT INFORMATION

The LiRo Group

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



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
CXE - GROUND FLOOR DEMOLITION PLAN**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-01
DWG NO.: 260 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1009-0	REV. NO. 0

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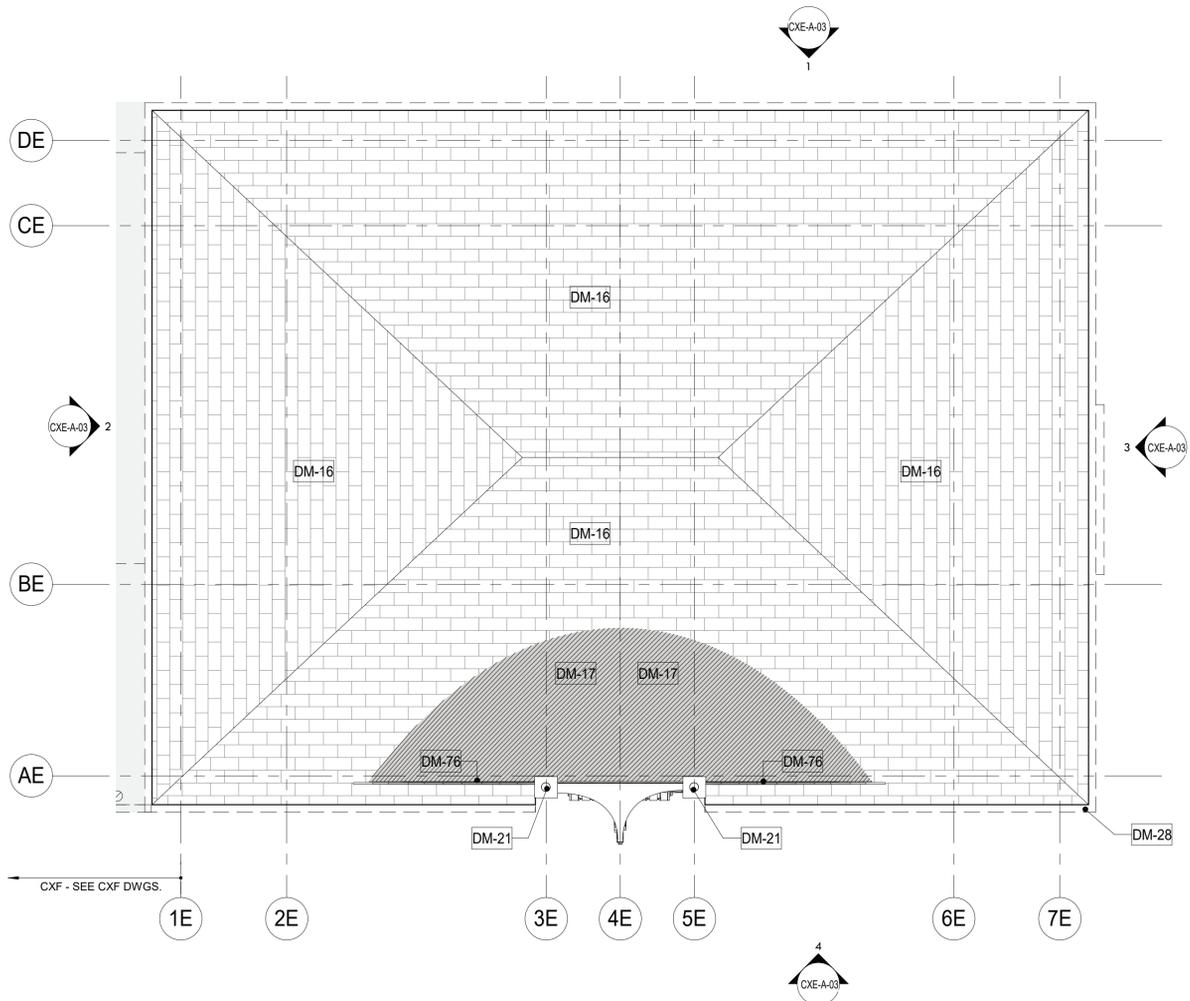
- DEMOLITION NOTES:**
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DEMOLITION LEGEND

-  INDICATES DEMOLITION
-  DEMOLITION KEY NOTES
-  DEMOLITION KEY NOTES
-  SHINGLES TO BE REMOVED
-  SBS MODIFIED BITUMEN TO BE REMOVED
-  INDICATES N.I.C.

DEMO KEYNOTES

DM-16	REMOVE EXISTING ROOFING SHINGLES, UNDERLAYMENT AND ANY ROTTED WOOD SHEATHING. REPLACE DAMAGED SHEATHING TO MATCH EXISTING. COORDINATE WITH A/E.
DM-17	REMOVE EXISTING ROOFING MEMBRANES, UNDERLAYMENT AND ANY ROTTED WOOD SHEATHING. REPLACE EXISTING DAMAGED SHEATHING TO MATCH EXISTING. COORDINATE WITH A/E.
DM-21	CAREFULLY REMOVE FINIAL LIGHTS (H6) FOR REFURBISHMENT AND REINSTALLATION
DM-28	REMOVE EXISTING GUTTER, FASCIA, AND SOFFITS
DM-76	CAREFULLY REMOVE SUNBURST AND SIGN ELEMENTS FOR RESTORATION/ REPLICATION AND REINSTALLATION



1 ROOF PLAN DEMOLITION CXE
1/4" = 1'-0"

CONSULTANT INFORMATION


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



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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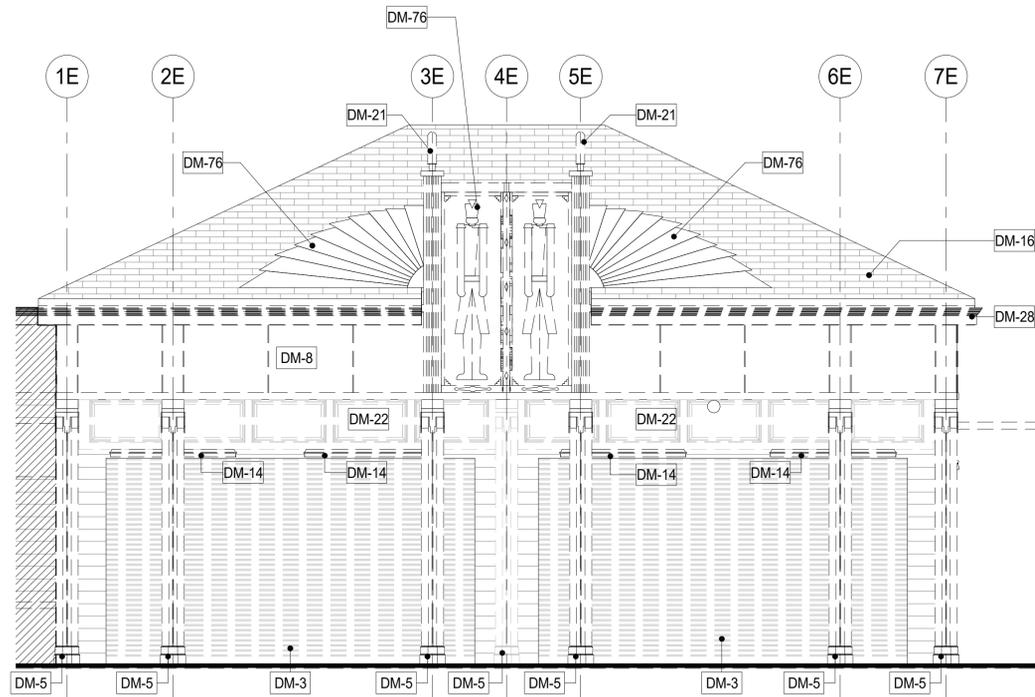
CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

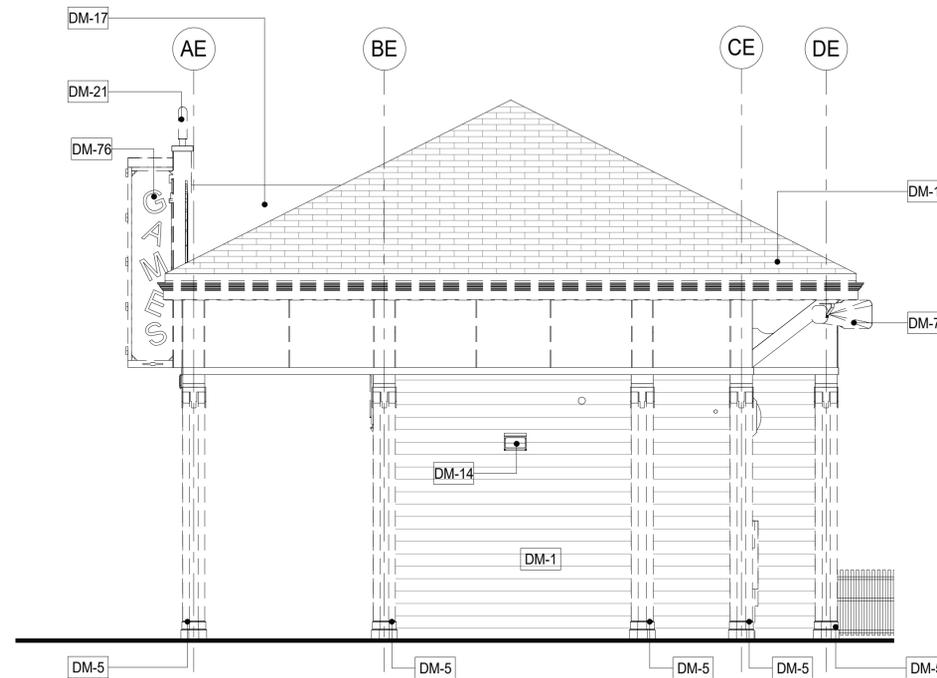
**INFRASTRUCTURE REHABILITATION PHASE 3
 PLAYLAND PARK, RYE, NEW YORK
 CROSS AXIS BUILDING E
 CXE - ROOF DEMOLITION PLAN**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-02
DWG NO.: 261 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1010-0	REV. NO. 0

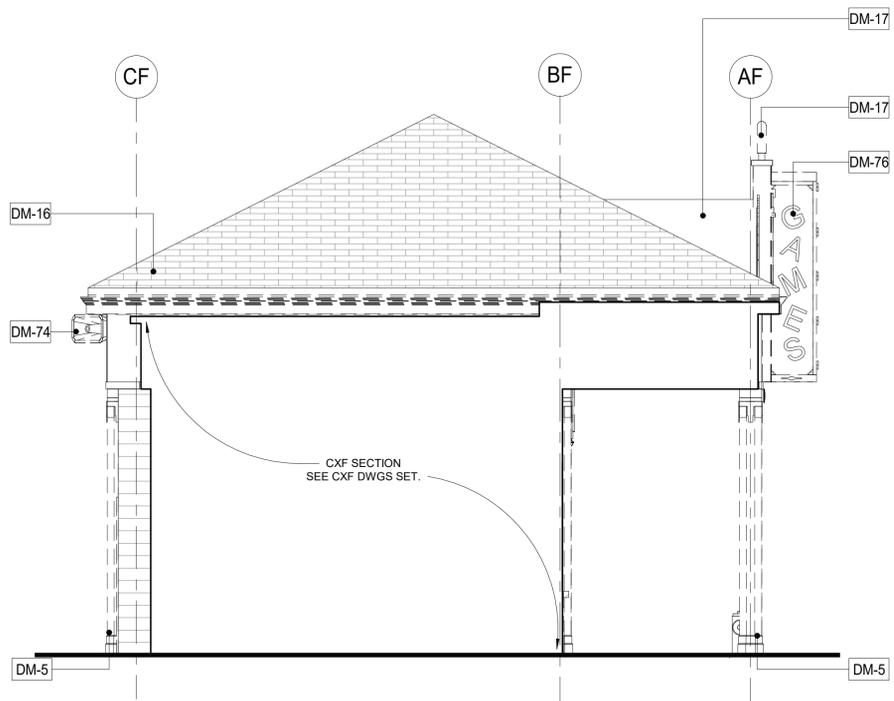
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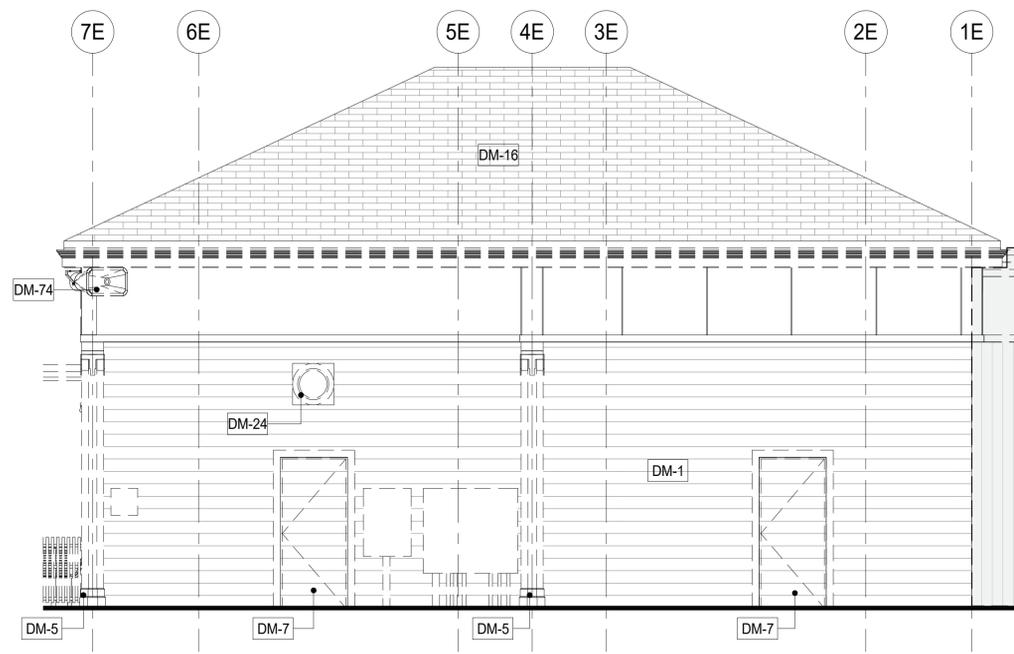
4 CXE - DEMOLITION ELEVATION - NORTH
1/4" = 1'-0"



3 CXE - DEMOLITION ELEVATION - WEST
1/4" = 1'-0"



2 CXE - DEMOLITION ELEVATION - EAST
1/4" = 1'-0"



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

DEMOLITION NOTES:

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7. SEE STRUCTURAL, ELECTRICAL, SPRINKLER, AND PLUMBING DRAWINGS FOR RELATED DEMOLITION WORK.
8. VERIFY LOCATION OF EXISTING STRUCTURES AND SHORE UP ROOF/FLOOR ABOVE AS REQUIRED BEFORE REMOVING WALL.
9. REMOVAL OF ALL CEILINGS AND MOUNTED ITEMS THROUGHOUT THE CONTRACT AREA INCLUDE ANCHORING HARDWARE, AND MISCELLANEOUS FASTENINGS, ETC.
10. WALLS SHALL BE REMOVED AS INDICATED ON DEMOLITION PLANS. ALL UTILITIES IN WALL SHALL BE CUT TO BELOW SLAB OR ABOVE THE CEILING.
11. REMOVE ALL EXISTING ELECTRICAL AND PLUMBING LINES NOT TO BE RE-USED. CAP PLUMBING LINES AS REQUIRED. ELECTRICAL WIRING SHALL BE DISCONNECTED BACK TO THE NEAREST ACTIVE LOCATION. ALL ABANDONED COMMUNICATION CABLES (DATA, TELEPHONE, FIRE ALARM, AND AUDIO/VIDEO CABLES) SHALL BE REMOVED TO SOURCE IF NOT TAGGED FOR FUTURE USE.
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DEMOLITION LEGEND

- INDICATES DEMOLITION
- DEMOLITION KEY NOTES
- SHINGLES TO BE REMOVED
- SBS MODIFIED BITUMEN TO BE REMOVED
- INDICATES N.I.C.

DEMO KEYNOTES

DM-1	REMOVE EXISTING WOOD SIDING.
DM-3	REMOVE ROLL DOWN DOOR AND ASSOCIATED HARDWARE.
DM-5	REMOVE COLUMN ENCLOSURES. CAREFULLY REMOVE AT LEAST ONE COLUMN ENCLOSURE TO USE AS REFERENCE IN ORDER TO REPLICATE TRIMS TO MATCH LOCATION, SIZE AND SHAPE AS INDICATED. COORDINATE WITH STRUCTURAL DRAWINGS.
DM-7	REMOVE EXISTING DOOR & FRAME.
DM-8	REMOVE EXISTING INTERIOR PARTITIONS. RETAIN FRAMING.
DM-14	REMOVE EXISTING LIGHTING FIXTURES AND ELECTRICAL WIRING CONNECTED TO THESE FIXTURES. SEE ELECTRICAL FOR DETAILS.
DM-16	REMOVE EXISTING ROOFING SHINGLES, UNDERLAYMENT AND ANY ROTTED WOOD SHEATHING. REPLACE DAMAGED SHEATHING TO MATCH EXISTING. COORDINATE WITH A/E.
DM-17	REMOVE EXISTING ROOFING MEMBRANES, UNDERLAYMENT AND ANY ROTTED WOOD SHEATHING. REPLACE EXISTING DAMAGED SHEATHING TO MATCH EXISTING. COORDINATE WITH A/E.
DM-21	CAREFULLY REMOVE FINIAL LIGHTS (H6) FOR REFURBISHMENT AND REINSTALLATION
DM-22	EXTERIOR GRADE 3/4" PLYWOOD SHEATHING, AT ALL INDICATED FLAT SURFACES. LOCATE MATERIAL JOINTS TO OCCUR BELOW DOCUMENTED LOCATION OF BATTEN TRIMS.
DM-24	REMOVE EXISTING EXHAUST. SEE MECHANICAL DRAWINGS.
DM-28	REMOVE EXISTING GUTTER, FASCIA, AND SOFFITS.
DM-74	REMOVE SPEAKER AND ASSOCIATED HARDWARE AND ELECTRICAL WIRES. COORDINATE WITH ELEC. DRAWINGS.
DM-76	CAREFULLY REMOVE SUNBURST AND SIGN ELEMENTS FOR RESTORATION/ REPLICATION AND REINSTALLATION

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CONSULTANT INFORMATION

The LiRo Group

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



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

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

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
CXE - EXTERIOR DEMOLITION ELEVATIONS**

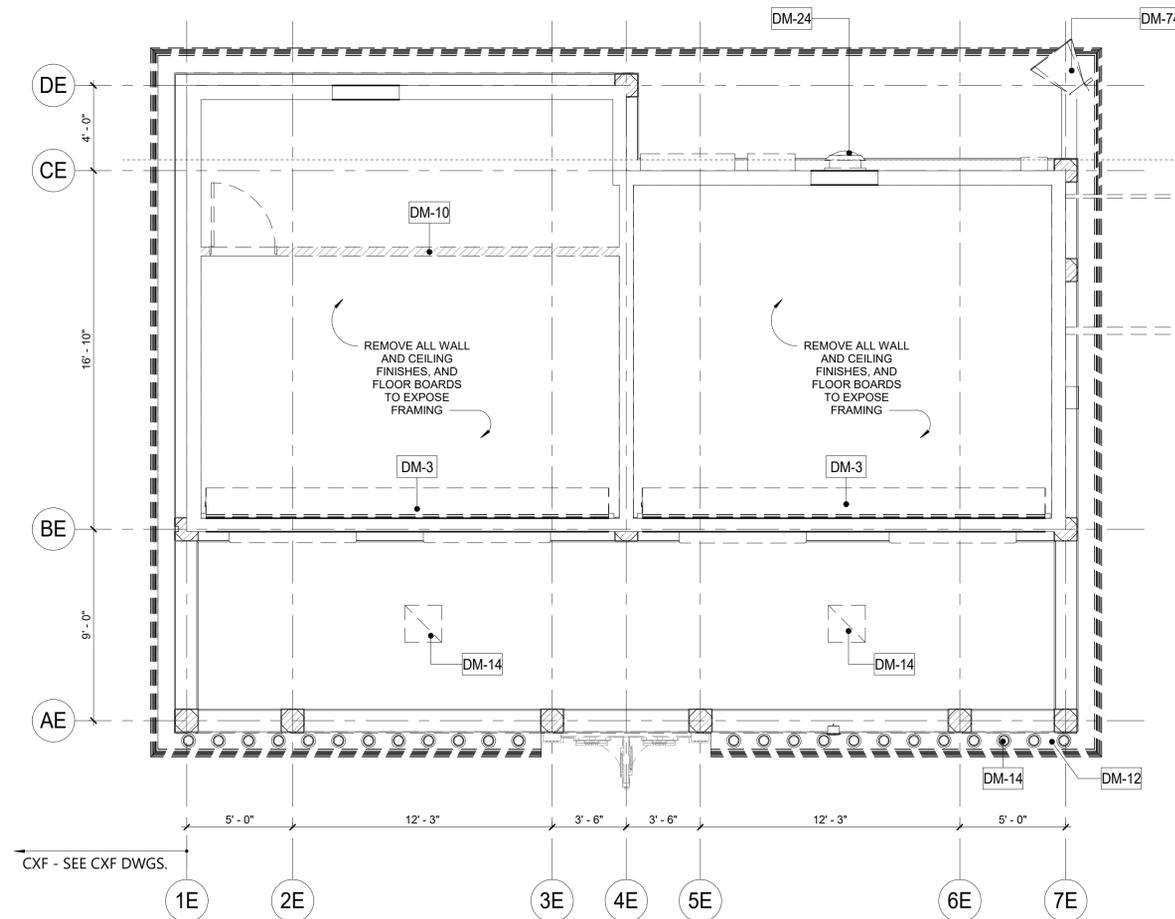
CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-03
DWG NO.: 262 of 664	SCALE: As indicated
DATE: 08/23/2022	DPW FILE NUMBER 1-118-A-1011-0
REV. NO. 0	

DEMOLITION NOTES:

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-  INDICATES DEMOLITION
-  INDICATES DEMOLITION
- DM - #** DEMOLITION KEY NOTES
-  SHINGLES TO BE REMOVED
-  SBS MODIFIED BITUMEN TO BE REMOVED
-  INDICATES N.I.C.



DEMO KEYNOTES

DM-3	REMOVE ROLL DOWN DOOR AND ASSOCIATED HARDWARE.
DM-10	REMOVE INTERIOR PARTITION.
DM-12	REMOVE EXTERIOR SOFFIT AS NECESSARY WHERE PERIMETER LIGHTING IS TO BE REMOVED. COORDINATE WITH ELECTRICAL DRAWINGS.
DM-14	REMOVE EXISTING LIGHTING FIXTURES AND ELECTRICAL WIRING CONNECTED TO THESE FIXTURES. SEE ELECTRICAL FOR DETAILS.
DM-24	REMOVE EXISTING EXHAUST. SEE MECHANICAL DRAWINGS.
DM-74	REMOVE SPEAKER AND ASSOCIATED HARDWARE AND ELECTRICAL WIRES. COORDINATE WITH ELEC. DRAWINGS.

1 CXE - DEMO RCP
1/4" = 1'-0"



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CONSULTANT INFORMATION



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(516) 938-5476 www.liro.com



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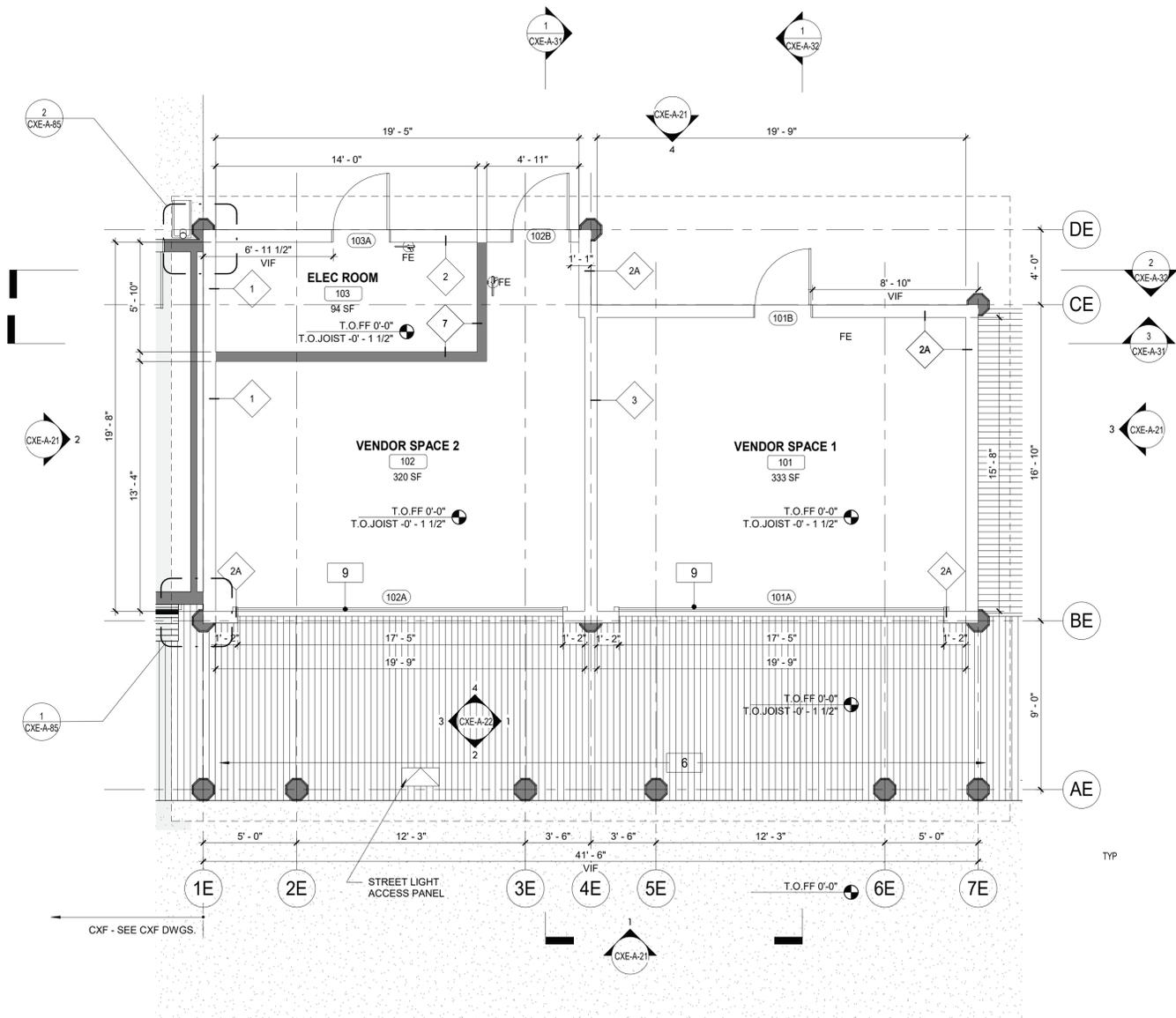
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
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TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
CXE - RCP DEMO PLAN**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-04
DWG NO.: 263 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1012-0	REV. NO. 0



FLOOR PLAN NOTES:

- DIMENSIONS ARE TO FACE OF GYPSUM WALL BOARD, GRID LINES, OR CENTERLINE OF COLUMN. ALL ELEVATIONS ARE NOTED FROM FINISH FLOOR ELEVATIONS.
- PROVIDE DRYWALL TRIM AT ALL EXPOSED EDGES AND CORNERS.
- MINIMUM DIMENSION FROM ANY CORNER OR WALL TO FRAMING STUD AT DOOR JAMB OPENING SHALL BE 4" U.N.O.
- PROVIDE FIRE RETARDANT WOOD BLOCKING FOR ANY WALL MOUNTED EQUIPMENT OR ACCESSORIES. COORDINATE ALL BLOCKING REQUIREMENTS NECESSARY WITH OTHER TRADES.
- THE CONTRACTOR SHALL VERIFY DIMENSIONS OF THE EXISTING SPACE AND OF ANY EXISTING CONSTRUCTION TO REMAIN BY ACTUAL MEASUREMENT BEFORE ANY WORK IS PERFORMED. IF ANY MEASUREMENTS DIFFER FROM DIMENSIONS SHOWN ON PLAN, GC IS TO NOTIFY THE ARCHITECT IMMEDIATELY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY AND ALL DISCREPANCIES FOUND AFTER THE WORK IS PERFORMED, AT NO ADDITIONAL EXPENSE TO THE OWNER.
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- THE CONTRACTOR SHALL SUPPLY ALL MATERIAL, LABOR, AND COORDINATION REQUIRED FOR THE INSTALLATION OF ALL OWNER-SUPPLIED ITEMS AS DESCRIBED IN THE DOCUMENTS, U.N.O.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL FLOOR AND WALL PENETRATIONS FOR ELECTRICAL AND MECHANICAL WORK. ALL SUCH OPENING SHALL BE FRAMED AND REINFORCED.
- FLOOR SURFACES SHALL BE LEVELED TO ASSURE SMOOTH SURFACE FOR FINISH FLOOR INSTALLATION.
- THE CONTRACTOR TO COORDINATE ALL UTILITY STUB-UPS AND LOCATION OF ALL EQUIPMENT PRIOR TO INSTALLING ANY ONE ITEM.
- PROVIDE PAINTED ACCESS PANELS IN WALLS & CEILING AT CONCEALED ITEMS SUCH AS VALVES, CONTROLS, SWITCHES OR ANY OTHER ITEMS THAT REQUIRES ACCESS. GO TO DETERMINE ACCESS ANEL LOCATION W/ ARCHITECT PRIOR TO INSTALLATION.

PLAN LEGEND:

- NEW IPE WOOD DECK
- NEW CONSTRUCTION
- NOT IN CONTRACT
- KEY NOTES
- WALL TAG
- DOOR TAG
- WINDOW TAG
- FIRE EXTINGUISHER
- FLOOR DRAIN

CONSTRUCTION KEYNOTES

6	INSTALL NEW IPE DECKING. SEE STRUCTURAL FOR DETAILS. (CXE-S-05/1)
9	PROVIDE AND INSTALL ROLL DOWN DOOR. SEE DETAILS AND SCHEDULE.

1 GROUND FLOOR PLAN CXE
1/4" = 1'-0"



8/30/2022 4:20:16 PM

CONSULTANT INFORMATION

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



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RECORD DRAWING CERTIFICATION

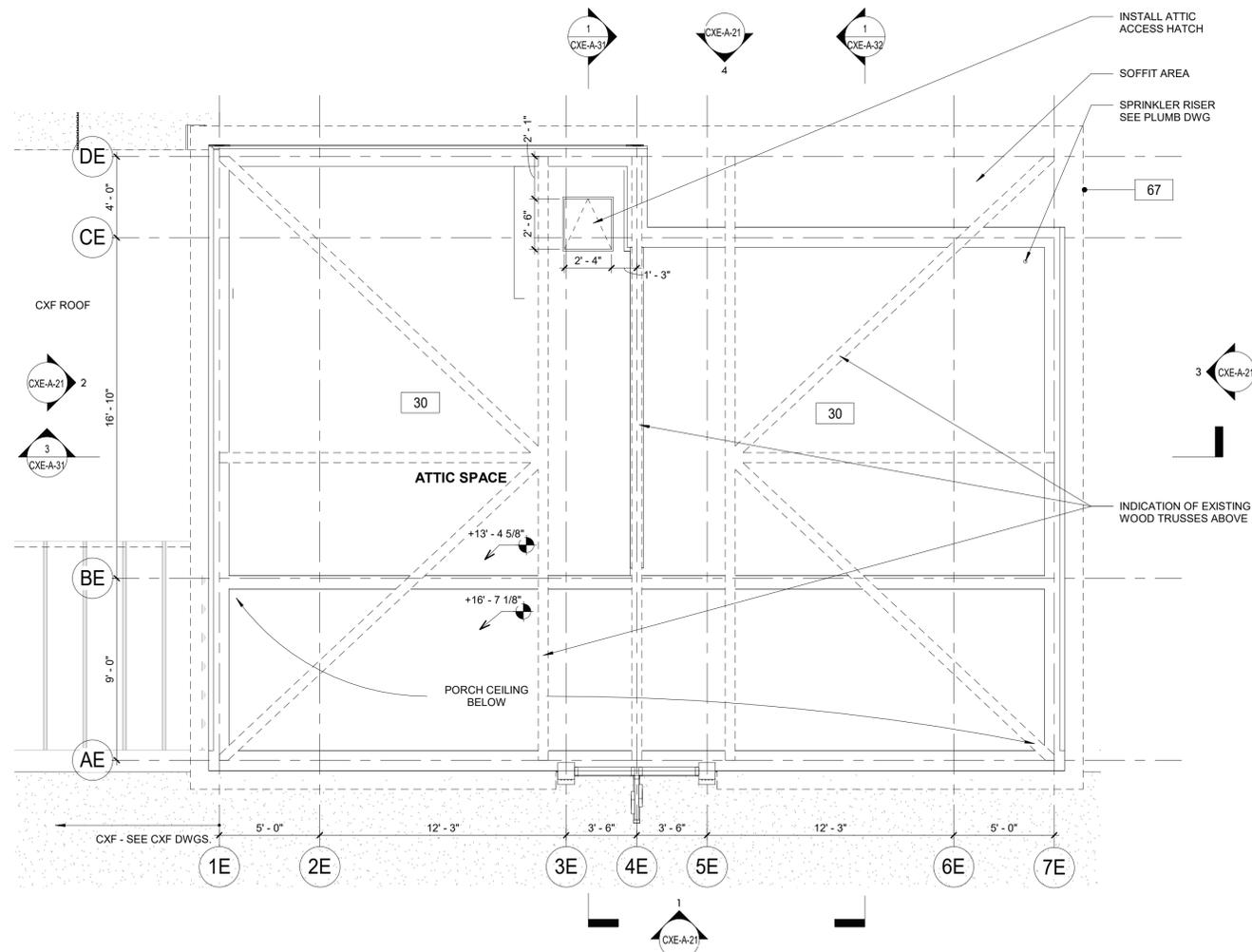
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
CXE - GROUND FLOOR PLAN**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-11
DWG NO.: 264 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1013-0	REV. NO. 0



FLOOR PLAN NOTES:

1. DIMENSIONS ARE TO FACE OF GYPSUM WALL BOARD, GRID LINES, OR CENTERLINE OF COLUMN. ALL ELEVATIONS ARE NOTED FROM FINISH FLOOR ELEVATIONS.
2. PROVIDE DRYWALL TRIM AT ALL EXPOSED EDGES AND CORNERS.
3. MINIMUM DIMENSION FROM ANY CORNER OR WALL TO FRAMING STUD AT DOOR JAMB OPENING SHALL BE 4" U.N.O.
4. PROVIDE FIRE RETARDANT WOOD BLOCKING FOR ANY WALL MOUNTED EQUIPMENT OR ACCESSORIES. COORDINATE ALL BLOCKING REQUIREMENTS NECESSARY WITH OTHER TRADES.
5. THE CONTRACTOR SHALL VERIFY DIMENSIONS OF THE EXISTING SPACE AND OF ANY EXISTING CONSTRUCTION TO REMAIN BY ACTUAL MEASUREMENT BEFORE ANY WORK IS PERFORMED. IF ANY MEASUREMENTS DIFFER FROM DIMENSIONS SHOWN ON PLAN, GC IS TO NOTIFY THE ARCHITECT IMMEDIATELY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY AND ALL DISCREPANCIES FOUND AFTER THE WORK IS PERFORMED, AT NO ADDITIONAL EXPENSE TO THE OWNER.
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10. THE CONTRACTOR IS RESPONSIBLE FOR ALL FLOOR AND WALL PENETRATIONS FOR ELECTRICAL AND MECHANICAL WORK. ALL SUCH OPENING SHALL BE FRAMED AND REINFORCED.
11. FLOOR SURFACES SHALL BE LEVELED TO ASSURE SMOOTH SURFACE FOR FINISH FLOOR INSTALLATION.
12. THE CONTRACTOR, TO COORDINATE ALL UTILITY STUB-UPS AND LOCATION OF ALL EQUIPMENT PRIOR TO INSTALLING ANY ONE ITEM.
13. PROVIDE PAINTED ACCESS PANELS IN WALLS & CEILING AT CONCEALED ITEMS SUCH AS VALVES, CONTROLS, SWITCHES OR ANY OTHER ITEMS THAT REQUIRES ACCESS. GC TO DETERMINE ACCESS PANEL LOCATION W/ ARCHITECT PRIOR TO INSTALLATION.

PLAN LEGEND:

- | | | | |
|--|-------------------|----|-------------------|
| | NEW IPE WOOD DECK | | DOOR TAG |
| | NEW CONSTRUCTION | | WINDOW TAG |
| | NOT IN CONTRACT | FE | FIRE EXTINGUISHER |
| | KEY NOTES | FD | FLOOR DRAIN |
| | WALL TAG | | |

CONSTRUCTION KEYNOTES

- | | |
|----|------------------------------|
| 30 | NEW 2x6 WOOD FLOOR. |
| 67 | NEW FASCIA BOARD AND SOFFIT. |

1 CXE - ATTIC PLAN
1/4" = 1'-0"

CONSULTANT INFORMATION

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



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
CXE - ATTIC PLAN

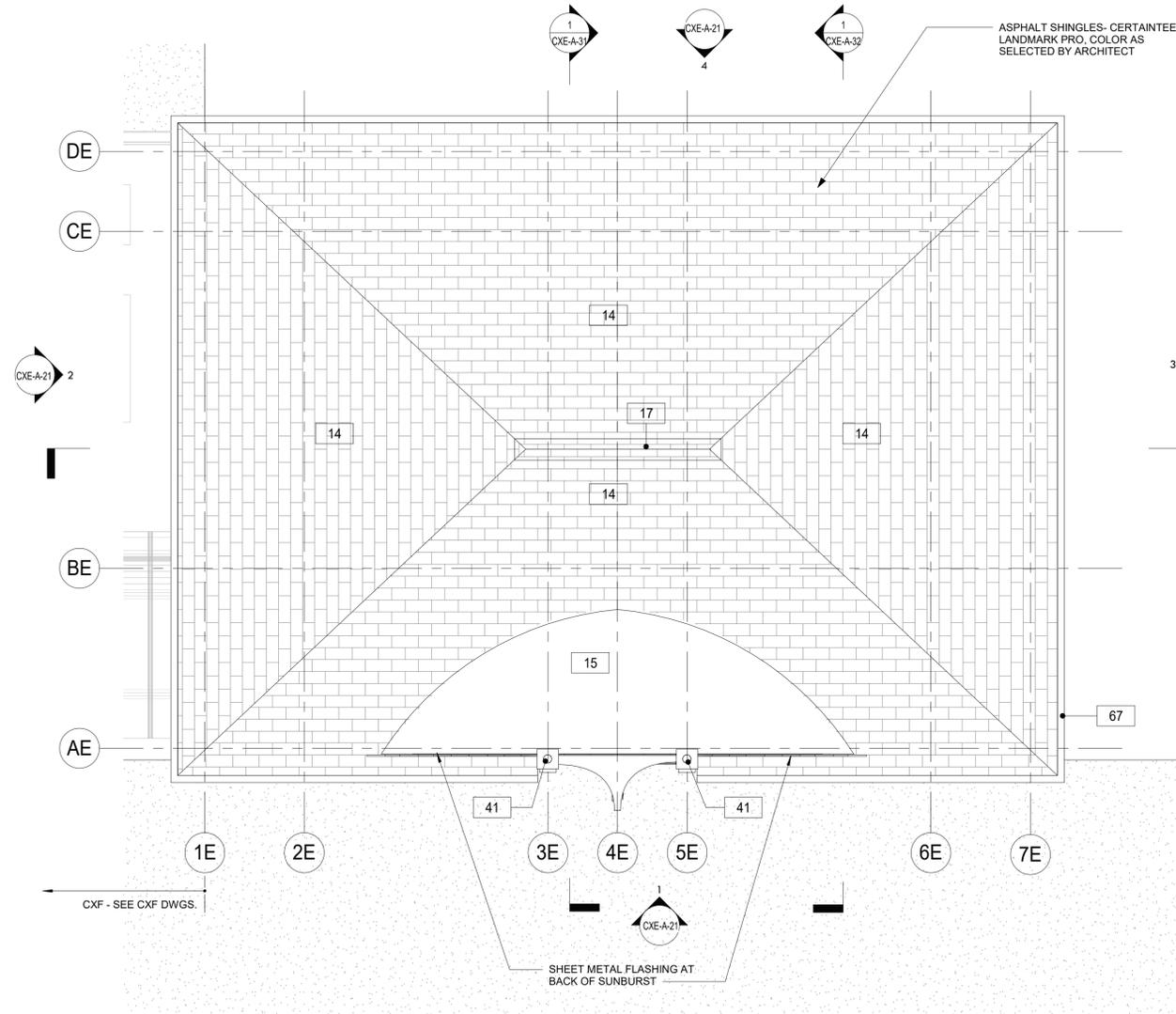
CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-12
DWG NO.: 265 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1014-0	REV. NO. 0

FLOOR PLAN NOTES:

- DIMENSIONS ARE TO FACE OF GYPSUM WALL BOARD, GRID LINES, OR CENTERLINE OF COLUMN. ALL ELEVATIONS ARE NOTED FROM FINISH FLOOR ELEVATIONS.
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PLAN LEGEND:

- | | | | |
|--|-------------------|--|-------------------|
| | NEW IPE WOOD DECK | | DOOR TAG |
| | NEW CONSTRUCTION | | WINDOW TAG |
| | NOT IN CONTRACT | | FIRE EXTINGUISHER |
| | KEY NOTES | | FLOOR DRAIN |
| | WALL TAG | | |



CONSTRUCTION KEYNOTES	
14	PROVIDE NEW ASPHALT SHINGLE ROOFING, UNDERLAYMENT, AND REPLACE IN KIND EXISTING DECKING AS REQUIRED (COORDINATE WITH STRUCTURAL).
15	PROVIDE AND INSTALL SBS MODIFIED BITUMEN ROOFING AND UNDERLAYMENT.
17	PROVIDE AND INSTALL RIDGE VENT AT ROOF HIPS.
41	INSTALL REFURBISHED FINAL LIGHTS (H6). ARCHITECT TO APPROVE FINISH AND ANY NEEDED MODIFICATIONS TO H6 LIGHTS DURING REFURBISHMENT.
67	NEW FASCIA BOARD AND SOFFIT.

1 CXE - ROOF PLAN
1/4" = 1'-0"

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CONSULTANT INFORMATION

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

CONSULTANT SEAL

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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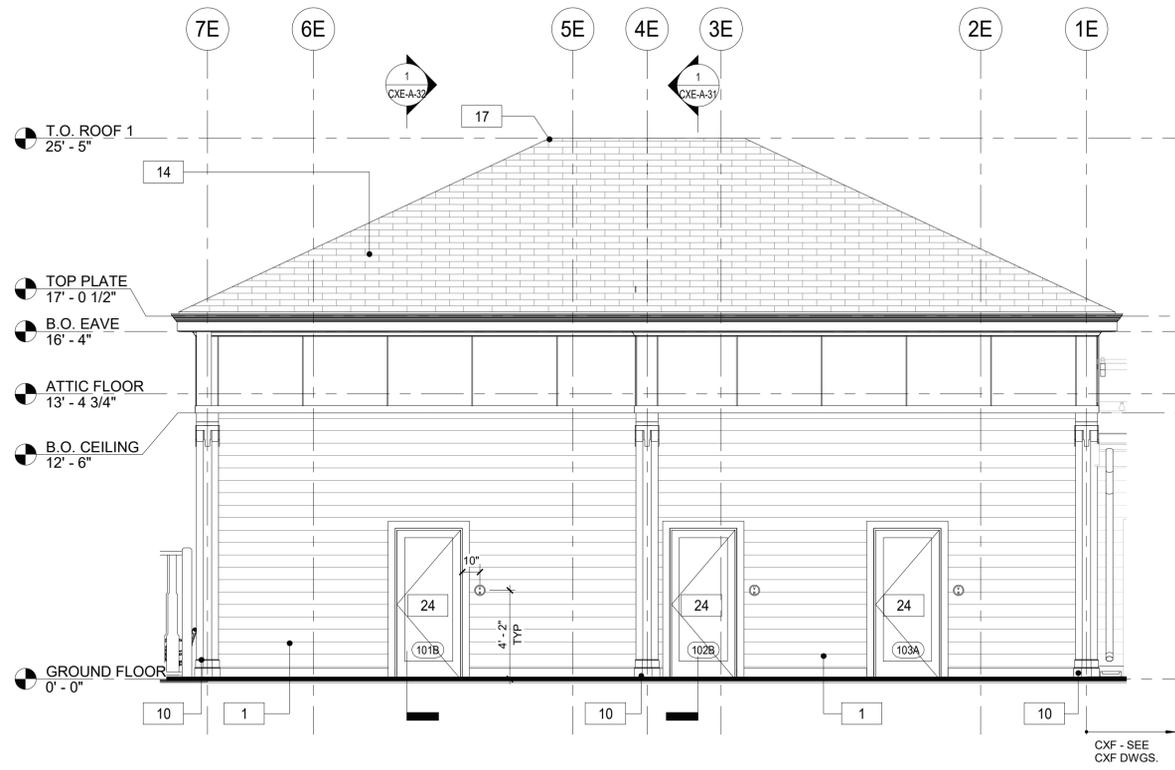
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____

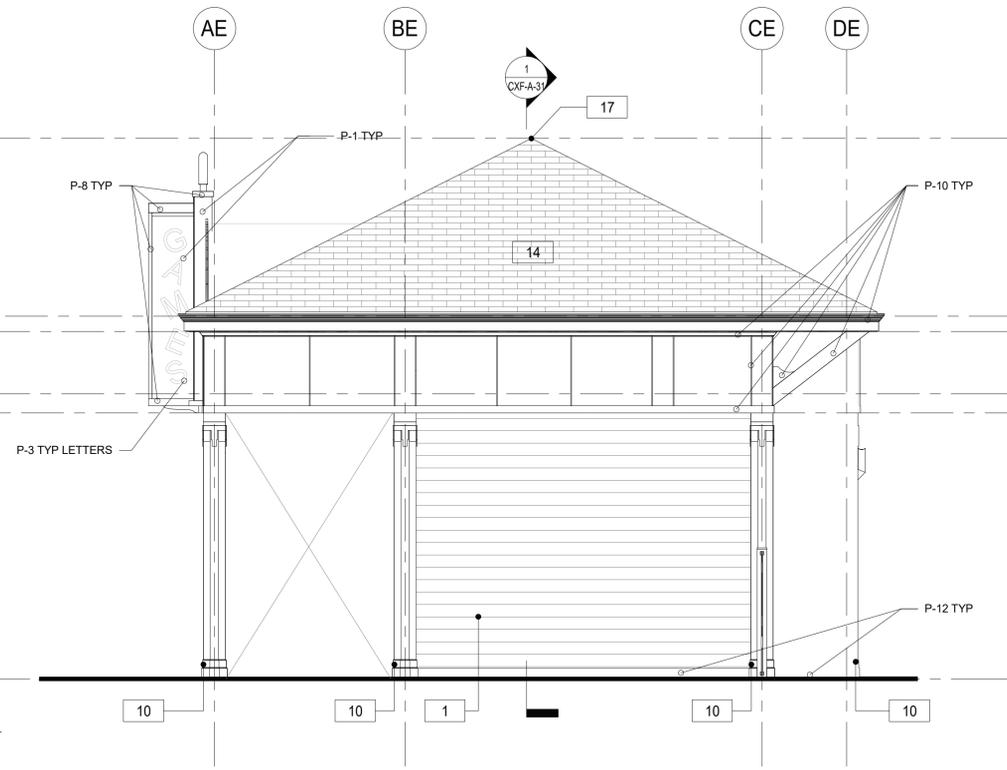
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
CXE - ROOF PLAN**

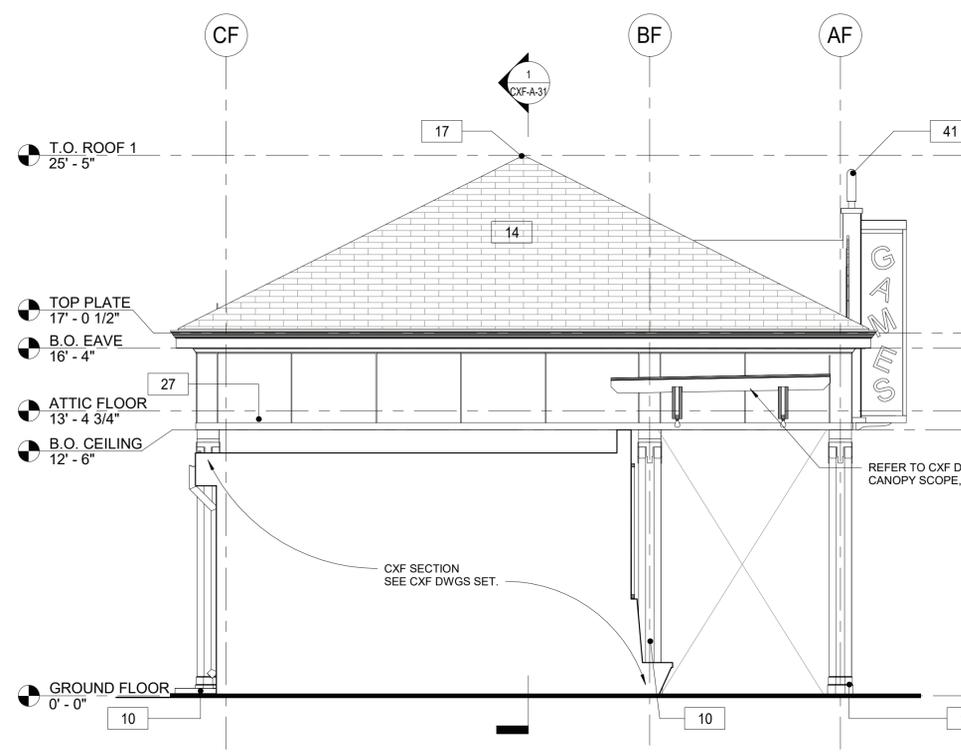
CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-13
DWG NO.: 266 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1015-0	REV. NO. 0



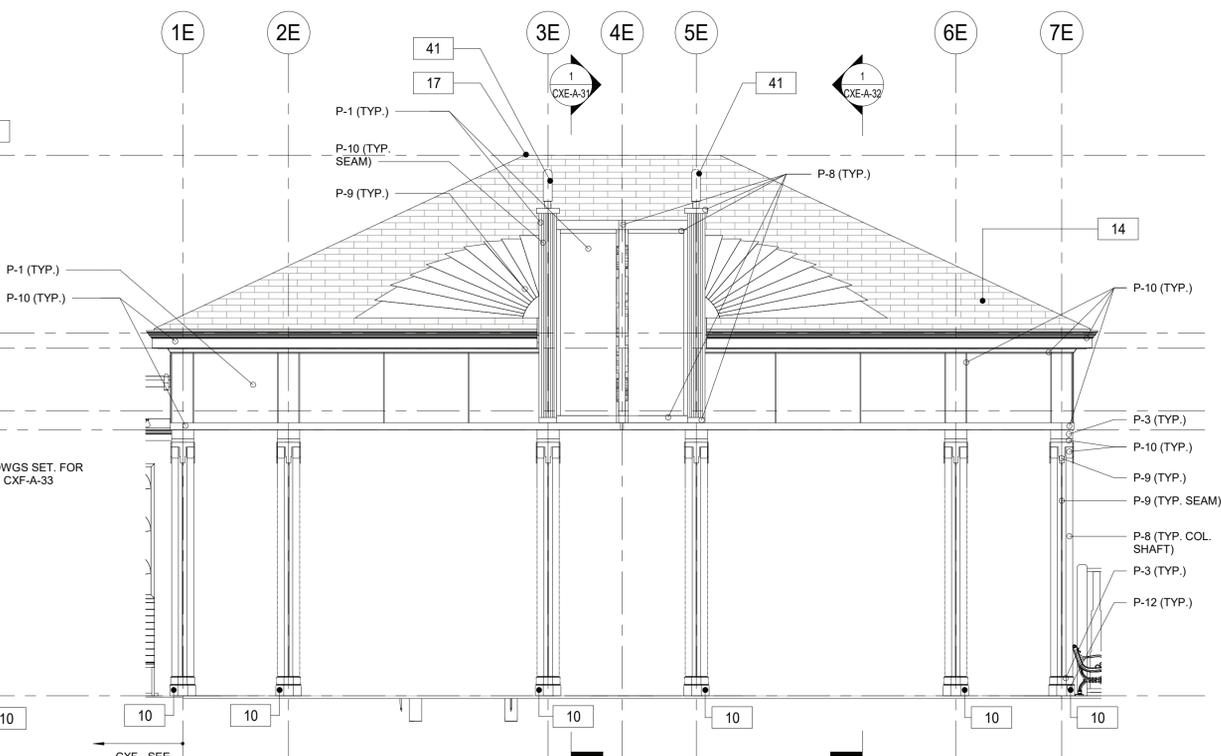
4 CXE - BUILDING ELEVATION - SOUTH
1/4" = 1'-0"



3 CXE - BUILDING ELEVATION - WEST
1/4" = 1'-0"



2 CXE - BUILDING ELEVATION - EAST
1/4" = 1'-0"



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

- FLOOR PLAN GENERAL NOTES**
- DIMENSIONS ARE TO FACE OF GYPSUM WALL BOARD, GRID LINES, OR CENTERLINE OF COLUMN. ALL ELEVATIONS ARE NOTED FROM FINISH FLOOR ELEVATIONS.
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 - REFER TO SHEET CXE-A-80 FOR PARTITION TYPE INFORMATION.
 - PROVIDE PAINTED ACCESS PANELS IN WALLS & CEILING AT CONCEALED ITEMS SUCH AS VALVES, CONTROLS, SWITCHES OR ANY OTHER ITEMS THAT REQUIRES ACCESS. GC TO DETERMINE ACCESS PANEL LOCATION W/ ARCHITECT PRIOR TO INSTALLATION.

PAINTING SCHEDULE

KEY	COLOR	MANUFACTURER	REMARKS
P-1	MYSTICAL POWERS #901	BENJAMIN MOORE	
P-2	HERITAGE RED #HC-181	BENJAMIN MOORE	
P-3	NEW YORK STATE OF MIND #805	BENJAMIN MOORE	
P-4	LAZY SUNDAY #803	BENJAMIN MOORE	
P-5	DEEP JUNGLE #595	BENJAMIN MOORE	
P-6	LUCK OF THE IRISH #588	BENJAMIN MOORE	
P-7	MAJOLICA GREEN #0013	SHERWIN WILLIAMS	
P-8	ANTELOPE CANYON #125	BENJAMIN MOORE	
P-9	FORSYTHIA #6907	SHERWIN WILLIAMS	
P-10	CAPE BLUE #1642	BENJAMIN MOORE	
P-11	WHITE SNOW #9541	SHERWIN WILLIAMS	
P-12	TRICORN BLACK #6258	SHERWIN WILLIAMS	
P-13	READY MIX WHITE	BENJAMIN MOORE	INTERIOR USE ONLY
P-14	STUCCO PAINT TO MATCH P-1	KEIM	
P-15	VAN DEUSEN BLUE #HC-156	BENJAMIN MOORE	
P-16	#RAL9001		TYP. ROLL UP DOOR
P-17	FLORIDA BEACHES #900	BENJAMIN MOORE	
P-18	PIRATES COVE PEACH #903	BENJAMIN MOORE	
P-19	JADITE #6459	SHERWIN WILLIAMS	
P-20	DECISIVE YELLOW #6902	SHERWIN WILLIAMS	

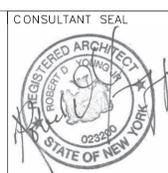
- CONSTRUCTION KEYNOTES**
- PROVIDE AND INSTALL NEW 1x8 MILLED YELLOW PINE - TONGUE AND GROOVE - NO BEVEL
 - PROVIDE AND INSTALL COLUMN ENCLOSURES. SEE DETAILS.
 - PROVIDE NEW ASPHALT SHINGLE ROOFING UNDERLAYMENT, AND REPLACE IN KIND EXISTING DECKING AS REQUIRED (COORDINATE WITH STRUCTURAL).
 - PROVIDE AND INSTALL RIDGE VENT AT ROOF HIP.
 - PROVIDE AND INSTALL NEW DOOR AND FRAME, IN EXISTING OPENING. CONTRACTOR TO V.I.F. ALL DIMENSIONS PRIOR TO ORDERING NEW DOORS.
 - PROVIDE AND INSTALL STEP FLASHING WHERE SLOPE ROOFS MEET VERTICAL WALLS.
 - INSTALL REFURBISHED FINIAL LIGHTS (H6). ARCHITECT TO APPROVE FINISH AND ANY NEEDED MODIFICATIONS TO H6 LIGHTS DURING REFURBISHMENT.

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CONSULTANT INFORMATION

The LiRo Group

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



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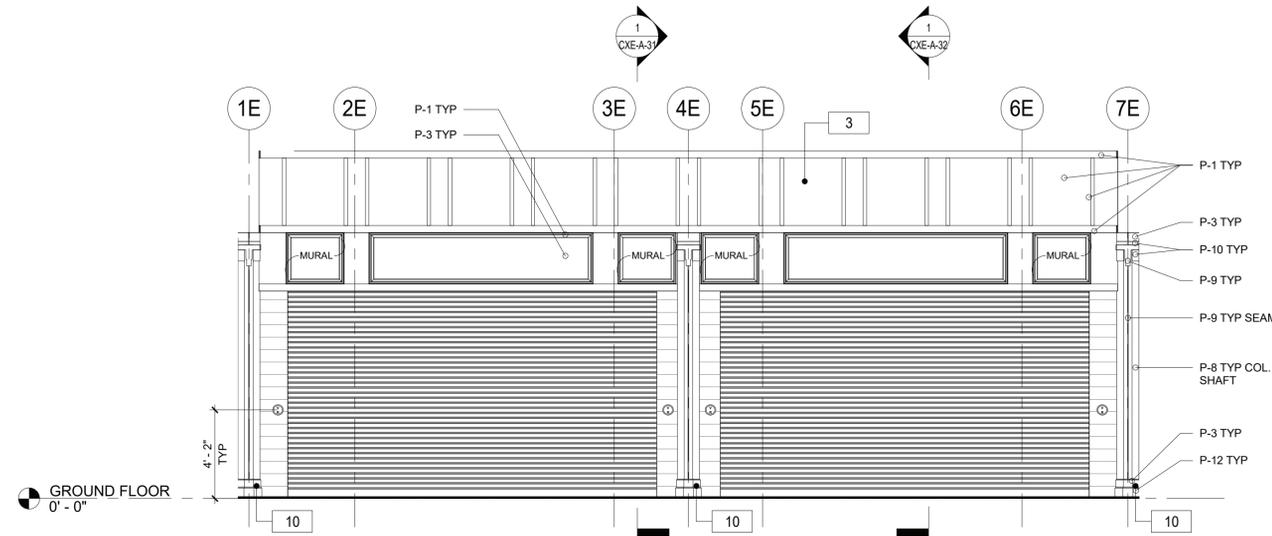
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

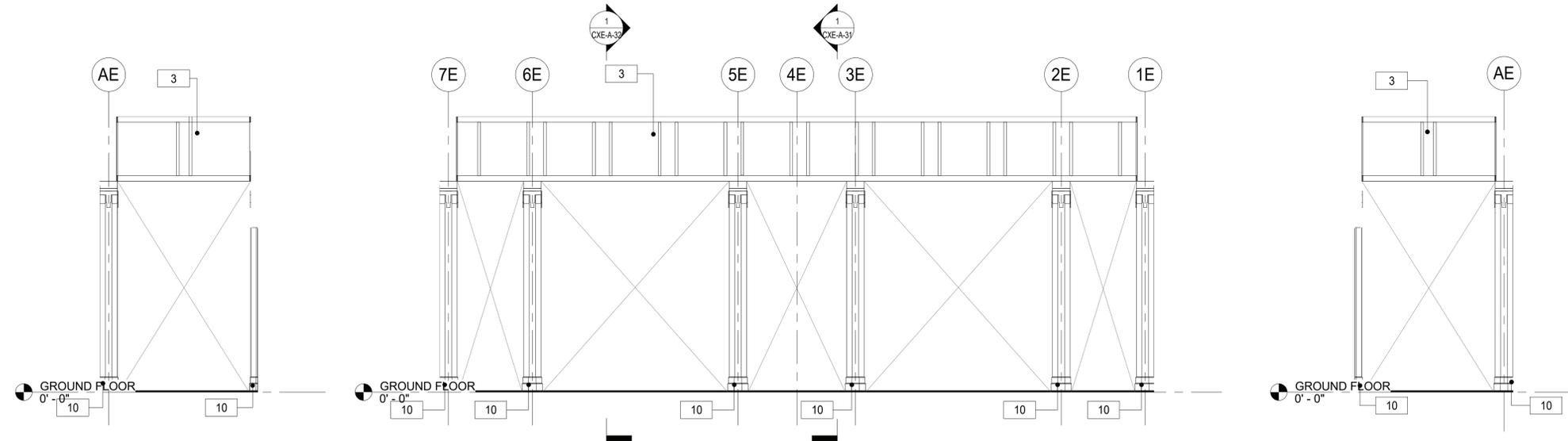
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
CXE - EXTERIOR BUILDING ELEVATIONS**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-21
DWG NO.: 267 of 664	SCALE: As indicated
DATE: 08/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-A-1016-0	



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



3 CXE - PORCH ELEVATION - WEST
1/4" = 1'-0"

2 CXE - PORCH ELEVATION - SOUTH
1/4" = 1'-0"

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

FLOOR PLAN GENERAL NOTES

- DIMENSIONS ARE TO FACE OF GYPSUM WALL BOARD, GRID LINES, OR CENTERLINE OF COLUMN. ALL ELEVATIONS ARE NOTED FROM FINISH FLOOR ELEVATIONS.
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KEY	COLOR	MANUFACTURER	REMARKS
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P-4	LAZY SUNDAY #803	BENJAMIN MOORE	
P-5	DEEP JUNGLE #595	BENJAMIN MOORE	
P-6	LUCK OF THE IRISH #588	BENJAMIN MOORE	
P-7	MAJOLICA GREEN #0013	SHERWIN WILLIAMS	
P-8	ANTELOPE CANYON #125	BENJAMIN MOORE	
P-9	FORSYTHIA #6907	SHERWIN WILLIAMS	
P-10	CAPE BLUE #1642	BENJAMIN MOORE	
P-11	WHITE SNOW #9541	SHERWIN WILLIAMS	
P-12	TRICORN BLACK #6258	SHERWIN WILLIAMS	
P-13	READY MIX WHITE	BENJAMIN MOORE	INTERIOR USE ONLY
P-14	STUCCO PAINT TO MATCH P-1	KEIM	
P-15	VAN DEUSEN BLUE #HC-156	BENJAMIN MOORE	
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P-17	FLORIDA BEACHES #900	BENJAMIN MOORE	
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P-19	JADITE #6459	SHERWIN WILLIAMS	
P-20	DECISIVE YELLOW #6902	SHERWIN WILLIAMS	

CONSTRUCTION KEYNOTES

3	REPLICATE TRIMS TO MATCH DOCUMENTED TRIM, LOCATIONS, SIZE AND SHAPE. FINISH PAINT COLORS AS SCHEDULED.
10	PROVIDE AND INSTALL COLUMN ENCLOSURES. SEE DETAILS (CXE-A-83)

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CONSULTANT INFORMATION

 3 Aerial Way, Syosset, New York 11791
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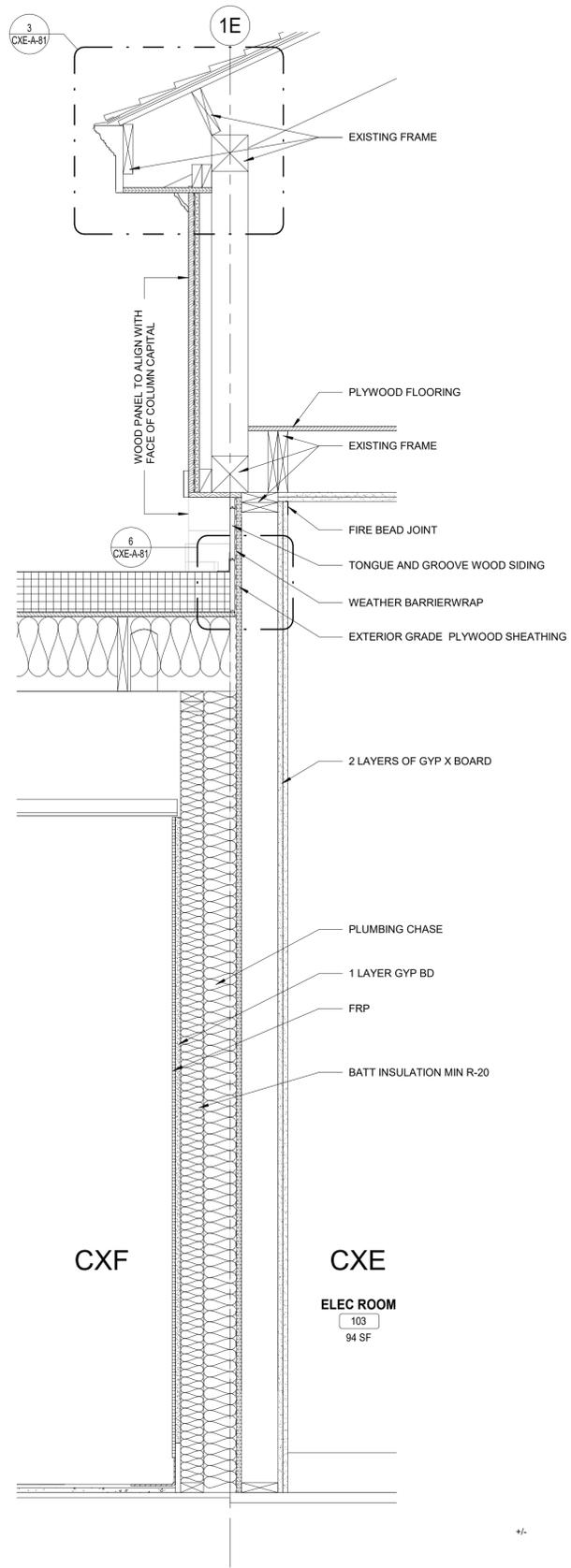
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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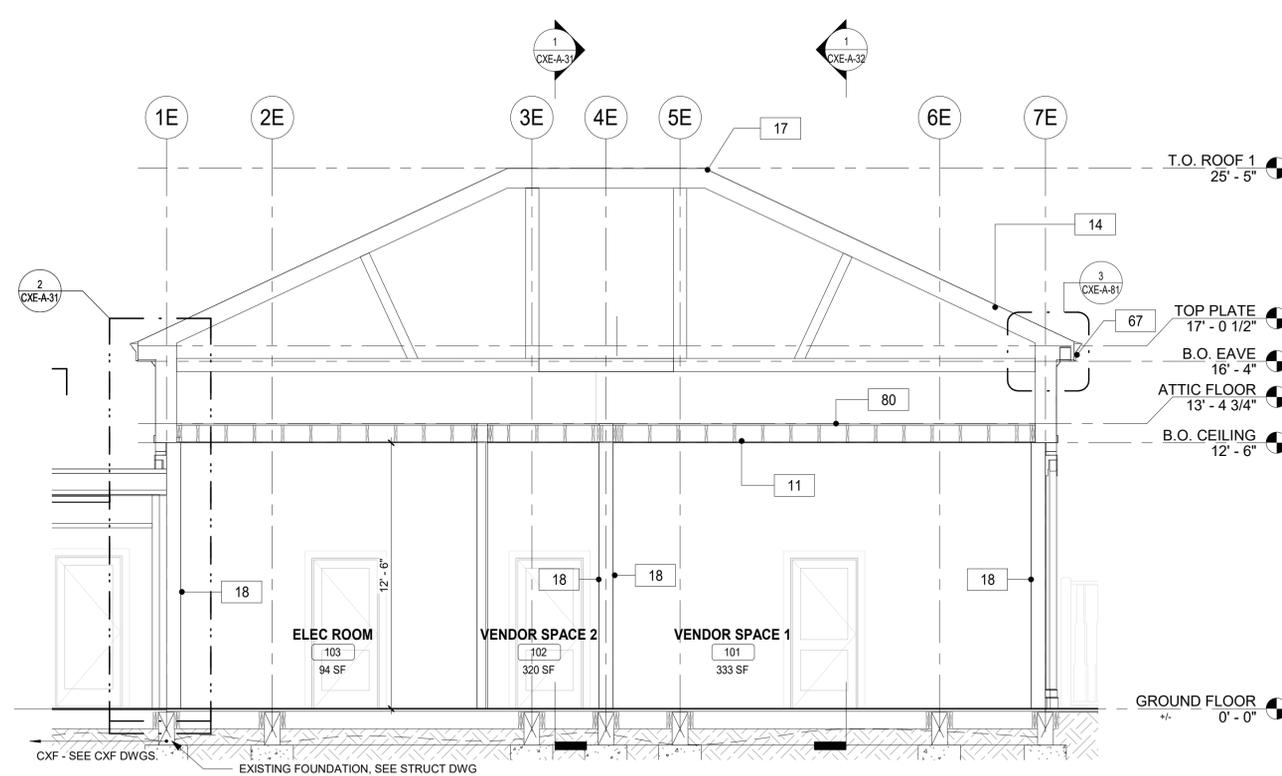
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
CXE - EXTERIOR BUILDING PORCH ELEVATIONS

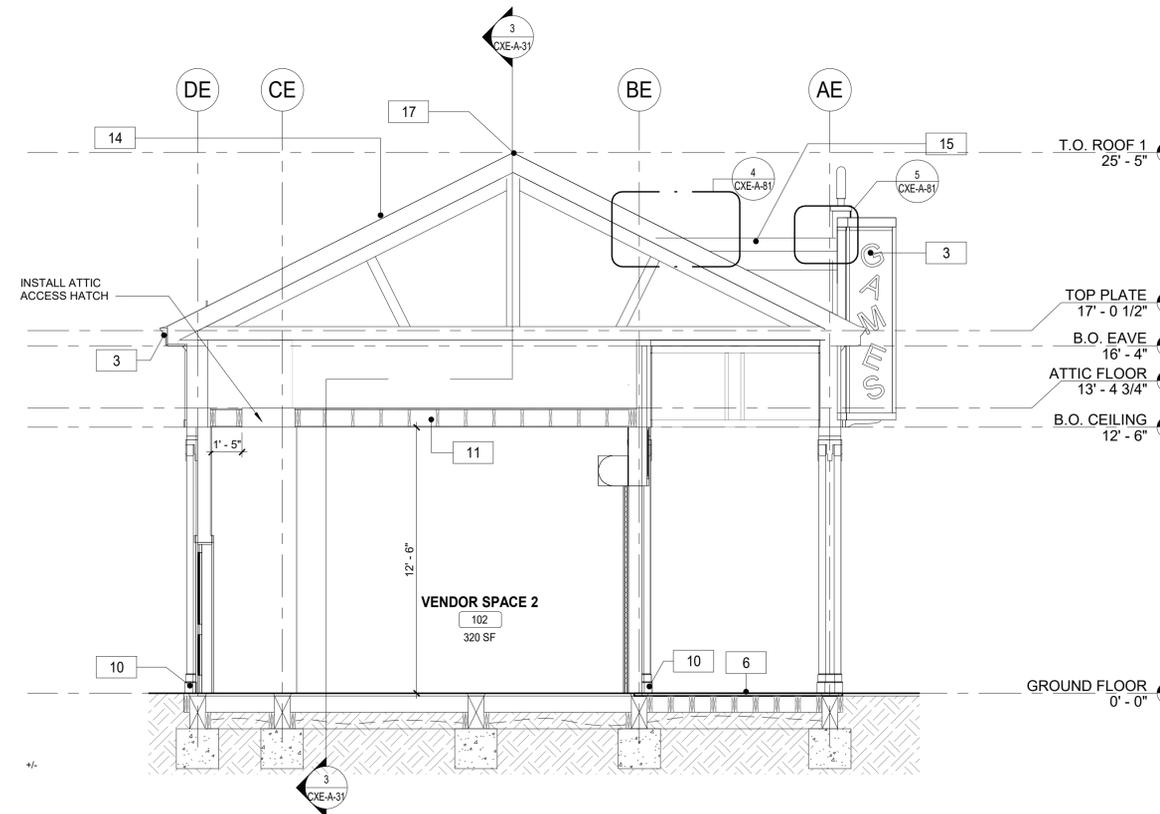
CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-22
DWG NO.: 268 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1017-0	REV. NO. 0



2 CXE - WALL SECTION
1" = 1'-0"



3 CXE - SECTION
1/4" = 1'-0"



1 CXE - CROSS SECTION
1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

- DIMENSIONS ARE TO FACE OF GYPSUM WALL BOARD, GRID LINES, OR CENTERLINE OF COLUMN. ALL ELEVATIONS ARE NOTED FROM FINISH FLOOR ELEVATIONS.
- PROVIDE DRYWALL TRIM AT ALL EXPOSED EDGES AND CORNERS.
- MINIMUM DIMENSION FROM ANY CORNER OR WALL TO FRAMING STUD AT DOOR JAMB OPENING SHALL BE 4" (U.N.O.).
- PROVIDE METAL BLOCKING FOR ANY WALL MOUNTED EQUIPMENT OR ACCESSORIES. COORDINATE ALL BLOCKING REQUIREMENTS NECESSARY WITH OTHER TRADES.
- THE GC SHALL VERIFY DIMENSIONS OF THE EXISTING SPACE AND OF ANY EXISTING CONSTRUCTION TO REMAIN BY ACTUAL MEASUREMENT BEFORE ANY WORK IS PERFORMED. IF ANY MEASUREMENTS DIFFER FROM DIMENSIONS SHOWN ON PLAN, GC IS TO NOTIFY THE ARCHITECT IMMEDIATELY. THE GC SHALL BE RESPONSIBLE FOR CORRECTING ANY AND ALL DISCREPANCIES FOUND AFTER THE WORK IS PERFORMED, AT NO ADDITIONAL EXPENSE TO THE OWNER.
- GC TO VERIFY ALL FINISHED DIMENSIONS. FIELD CONDITIONS ALTERING ANY DIMENSIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER AND ARCHITECT.
- THE GC SHALL PROVIDE CAULK JOINTS WHERE GYP. BD. MEETS THE FLOOR OR ROOF DECK.
- THE GC SHALL BE RESPONSIBLE FOR COORDINATING WITH OWNER ON ALL WORK TO BE PERFORMED BY THE OWNER. ANY POTENTIAL CONFLICTS OR DELAYS CAUSED BY THE OWNER'S SUBCONTRACTORS MUST BE DOCUMENTED IN WRITING TO THE OWNER BEFORE THE DELAY IS ACTUALLY INCURRED FOR IT TO BE CONSIDERED. OTHERWISE THE GC WILL BE RESPONSIBLE FOR MEETING THE SCHEDULE AS OUTLINED IN THE CONTRACT.
- THE GC SHALL SUPPLY ALL MATERIAL, LABOR, AND COORDINATION REQUIRED FOR THE INSTALLATION OF ALL OWNER-SUPPLIED ITEMS AS DESCRIBED IN THE DOCUMENTS, U.N.O.
- THE GC IS RESPONSIBLE FOR ALL FLOOR AND WALL PENETRATIONS FOR ELECTRICAL AND MECHANICAL WORK. ALL SUCH OPENING SHALL BE FRAMED AND REINFORCED.
- FLOOR SURFACES SHALL BE LEVELED TO ASSURE SMOOTH SURFACE FOR FINISH FLOOR INSTALLATION. GC SHALL ALSO PAY SPECIAL ATTENTION THAT ALL WALL SURFACES ARE SMOOTH WHERE MURALS WILL BE DIRECTLY APPLIED TO WALL.
- GC TO COORDINATE ALL UTILITY STUB-UPS AND LOCATION OF ALL EQUIPMENT PRIOR TO INSTALLING ANY ONE ITEM.
- REFER TO SHEET CXE-A-80 FOR PARTITION TYPE INFORMATION.
- PROVIDE PAINTED ACCESS PANELS IN WALLS & CEILING AT CONCEALED ITEMS SUCH AS VALVES, CONTROLS, SWITCHES OR ANY OTHER ITEMS THAT REQUIRES ACCESS. GC TO DETERMINE ACCESS PANEL LOCATION W/ ARCHITECT PRIOR TO INSTALLATION.

CONSTRUCTION KEYNOTES

3	REPLICATE TRIMS TO MATCH DOCUMENTED TRIM, LOCATIONS, SIZE AND SHAPE. FINISH PAINT COLORS AS SCHEDULED.
6	INSTALL NEW IPE DECKING. SEE STRUCTURAL FOR DETAILS.
10	PROVIDE AND INSTALL COLUMN ENCLOSURES. SEE DETAILS.
11	PROVIDE AND INSTALL T1-11 CEILING.
12	PROVIDE DROP CEILING AND ALL HANGERS/ ACCESSORIES.
14	PROVIDE NEW ASPHALT SHINGLE ROOFING UNDERLAYMENT, AND REPLACE IN KIND EXISTING DECKING AS REQUIRED (COORDINATE WITH STRUCTURAL).
15	PROVIDE AND INSTALL SBS MODIFIED BITUMEN ROOFING AND UNDERLAYMENT.
17	PROVIDE AND INSTALL RIDGE VENT AT ROOF HIPPS.
18	PROVIDE NEW WALL FINISHES. SEE FINISH PLANS.
67	NEW FASCIA BOARD AND SOFFIT.
80	NEW 3/4" PLYWOOD FLOOR

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CONSULTANT INFORMATION

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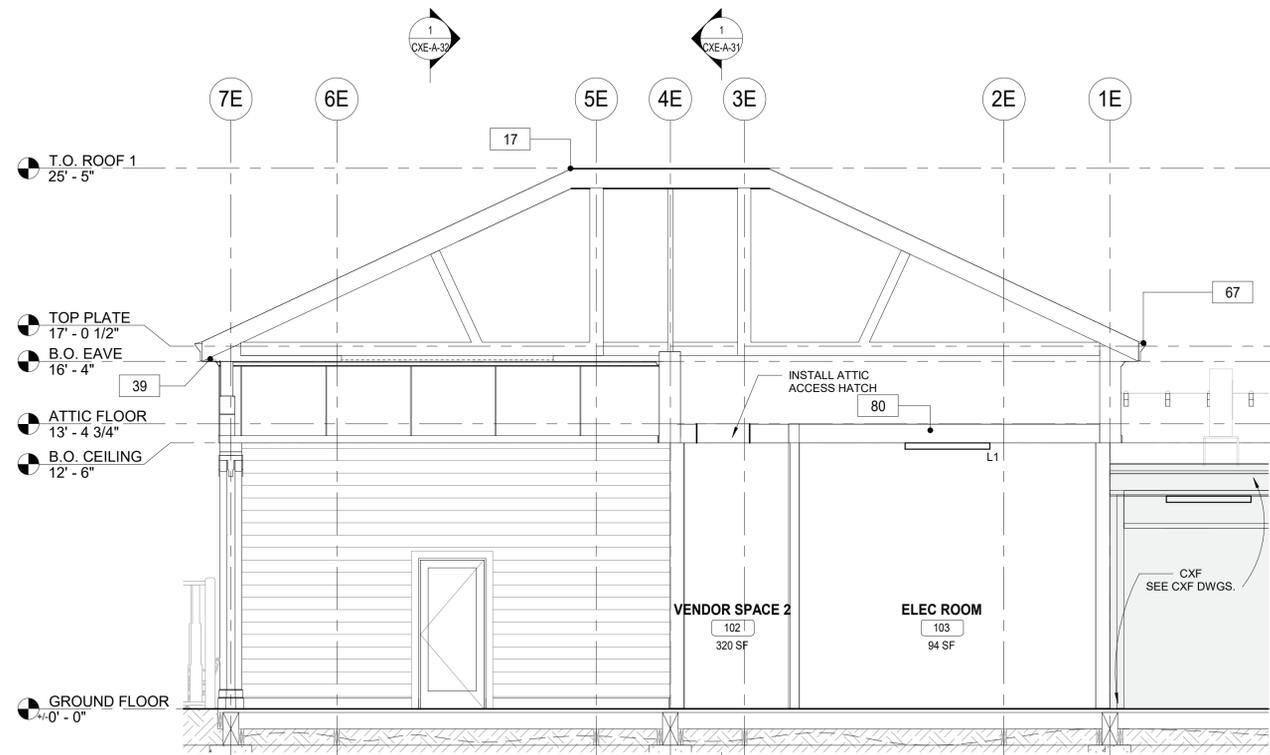
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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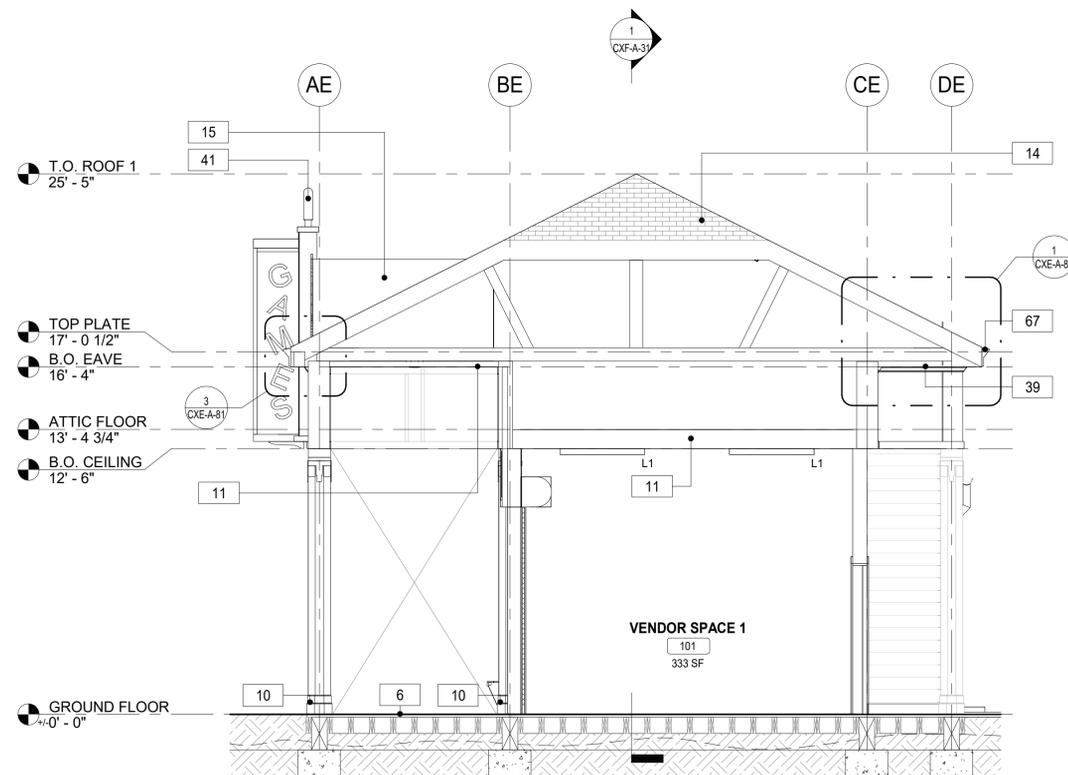
CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
CXE - BUILDING SECTIONS

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-31
DWG NO.: 269 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1018-0	REV. NO. 0



2 CXE - SECTION 2
1/4" = 1'-0"



1 CXE - CROSS SECTION 3
1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. DIMENSIONS ARE TO FACE OF GYPSUM WALL BOARD, GRID LINES, OR CENTERLINE OF COLUMN. ALL ELEVATIONS ARE NOTED FROM FINISH FLOOR ELEVATIONS.
2. PROVIDE DRYWALL TRIM AT ALL EXPOSED EDGES AND CORNERS.
3. MINIMUM DIMENSION FROM ANY CORNER OR WALL TO FRAMING STUD AT DOOR JAMB OPENING SHALL BE 4" (U.N.O.).
4. PROVIDE METAL BLOCKING FOR ANY WALL MOUNTED EQUIPMENT OR ACCESSORIES. COORDINATE ALL BLOCKING REQUIREMENTS NECESSARY WITH OTHER TRADES.
5. THE GC SHALL VERIFY DIMENSIONS OF THE EXISTING SPACE AND OF ANY EXISTING CONSTRUCTION TO REMAIN BY ACTUAL MEASUREMENT BEFORE ANY WORK IS PERFORMED. IF ANY MEASUREMENTS DIFFER FROM DIMENSIONS SHOWN ON PLAN, GC IS TO NOTIFY THE ARCHITECT IMMEDIATELY. THE GC SHALL BE RESPONSIBLE FOR CORRECTING ANY AND ALL DISCREPANCIES FOUND AFTER THE WORK IS PERFORMED, AT NO ADDITIONAL EXPENSE TO THE OWNER.
6. GC TO VERIFY ALL FINISHED DIMENSIONS. FIELD CONDITIONS ALTERING ANY DIMENSIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER AND ARCHITECT.
7. THE GC SHALL PROVIDE CAULK JOINTS WHERE GYP. BD. MEETS THE FLOOR OR ROOF DECK.
8. THE GC SHALL BE RESPONSIBLE FOR COORDINATING WITH OWNER ON ALL WORK TO BE PERFORMED BY THE OWNER. ANY POTENTIAL CONFLICTS OR DELAYS CAUSED BY THE OWNER'S SUBCONTRACTORS MUST BE DOCUMENTED IN WRITING TO THE OWNER BEFORE THE DELAY IS ACTUALLY INCURRED FOR IT TO BE CONSIDERED. OTHERWISE THE GC WILL BE RESPONSIBLE FOR MEETING THE SCHEDULE AS OUTLINED IN THE CONTRACT.
9. THE GC SHALL SUPPLY ALL MATERIAL, LABOR, AND COORDINATION REQUIRED FOR THE INSTALLATION OF ALL OWNER-SUPPLIED ITEMS AS DESCRIBED IN THE DOCUMENTS, U.N.O.
10. THE GC IS RESPONSIBLE FOR ALL FLOOR AND WALL PENETRATIONS FOR ELECTRICAL AND MECHANICAL WORK. ALL SUCH OPENING SHALL BE FRAMED AND REINFORCED.
11. FLOOR SURFACES SHALL BE LEVELED TO ASSURE SMOOTH SURFACE FOR FINISH FLOOR INSTALLATION. GC SHALL ALSO PAY SPECIAL ATTENTION THAT ALL WALL SURFACES ARE SMOOTH WHERE MURALS WILL BE DIRECTLY APPLIED TO WALL.
12. GC TO COORDINATE ALL UTILITY STUB-UPS AND LOCATION OF ALL EQUIPMENT PRIOR TO INSTALLING ANY ONE ITEM.
13. REFER TO SHEET CXE-A-80 FOR PARTITION TYPE INFORMATION.
14. PROVIDE PAINTED ACCESS PANELS IN WALLS & CEILING AT CONCEALED ITEMS SUCH AS VALVES, CONTROLS, SWITCHES OR ANY OTHER ITEMS THAT REQUIRES ACCESS. GC TO DETERMINE ACCESS PANEL LOCATION W/ ARCHITECT PRIOR TO INSTALLATION.

CONSTRUCTION KEYNOTES

6	INSTALL NEW IPE DECKING. SEE STRUCTURAL FOR DETAILS.
10	PROVIDE AND INSTALL COLUMN ENCLOSURES. SEE DETAILS.
11	PROVIDE AND INSTALL T1-11 CEILING.
14	PROVIDE NEW ASPHALT SHINGLE ROOFING, UNDERLAYMENT, AND REPLACE IN KIND EXISTING DECKING AS REQUIRED (COORDINATE WITH STRUCTURAL).
15	PROVIDE AND INSTALL SBS MODIFIED BITUMEN ROOFING AND UNDERLAYMENT.
17	PROVIDE AND INSTALL RIDGE VENT AT ROOF HIP.
39	NEW SOFFIT WITH RECESSED LIGHTS AS INDICATED ON RCP
41	INSTALL REFURBISHED FINIAL LIGHTS (H6). ARCHITECT TO APPROVE FINISH AND ANY NEEDED MODIFICATIONS TO H6 LIGHTS DURING REFURBISHMENT.
67	NEW FASCIA BOARD AND SOFFIT.
80	NEW 3/4" PLYWOOD FLOOR

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CONSULTANT INFORMATION

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RECORD DRAWING CERTIFICATION

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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
CXE - BUILDING SECTIONS**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-32
DWG NO.: 270 of 664	
SCALE: 1/4" = 1'-0"	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1019-0	REV. NO. 0

GENERAL REFLECTED CEILING PLAN NOTES

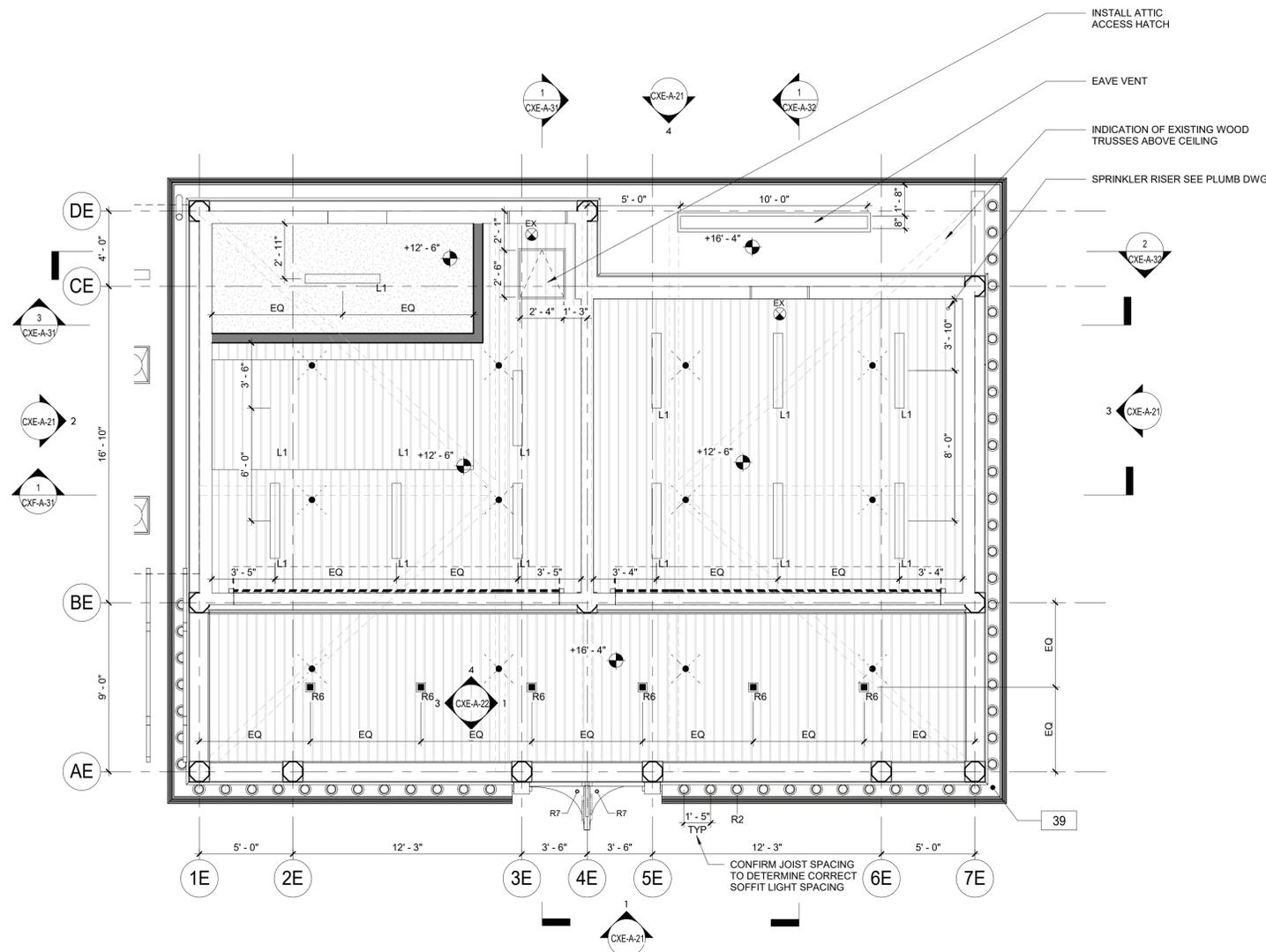
1. CONTRACTOR SHALL PROVIDE THE NECESSARY FRAMING OR BRIDGING FOR ALL LIGHT FIXTURES, DIFFUSERS, RETURNS, ETC., AS WELL AS REQUIRED CUTOUTS.
2. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY POSSIBLE INTERFERENCES BEFORE PROCEEDING WITH CEILING INSTALLATION.
3. CEILING CONSTRUCTION SHALL NOT BE CLOSED 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.

RCP LEGEND

- R-2 EXTERIOR RECESSED CAN IN SOFFIT (SEE ELEC. DWGS)
- R-6 4" SQUARE RECESSED LIGHT FIXTURE (SEE ELEC. DWGS)
- L-1 LINEAR LIGHT (SEE ELEC. DWGS)
- M-2 MARQUEE LIGHTING AT BALUSTRADE
- SPRINKLER (SEE FIRE PROTECTION DWGS)
- SUPPLY DIFFUSER. SEE MECHANICAL DRAWINGS
- EXHAUST GRILL. SEE MECHANICAL DRAWINGS
- EX- EXIT SIGN
- NEW CONSTRUCTION
- T1-11 CEILING BOARD
- GYP. BOARD CEILING
- INDICATES SCOPE NOT IN CONTRACT

CONSTRUCTION KEYNOTES

- 39 NEW SOFFIT WITH RECESSED LIGHTS AS INDICATED ON RCP



1 CXE - GROUND RCP
1/4" = 1'-0"



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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
CXE - GROUND FLOOR REFLECTED CEILING PLAN**

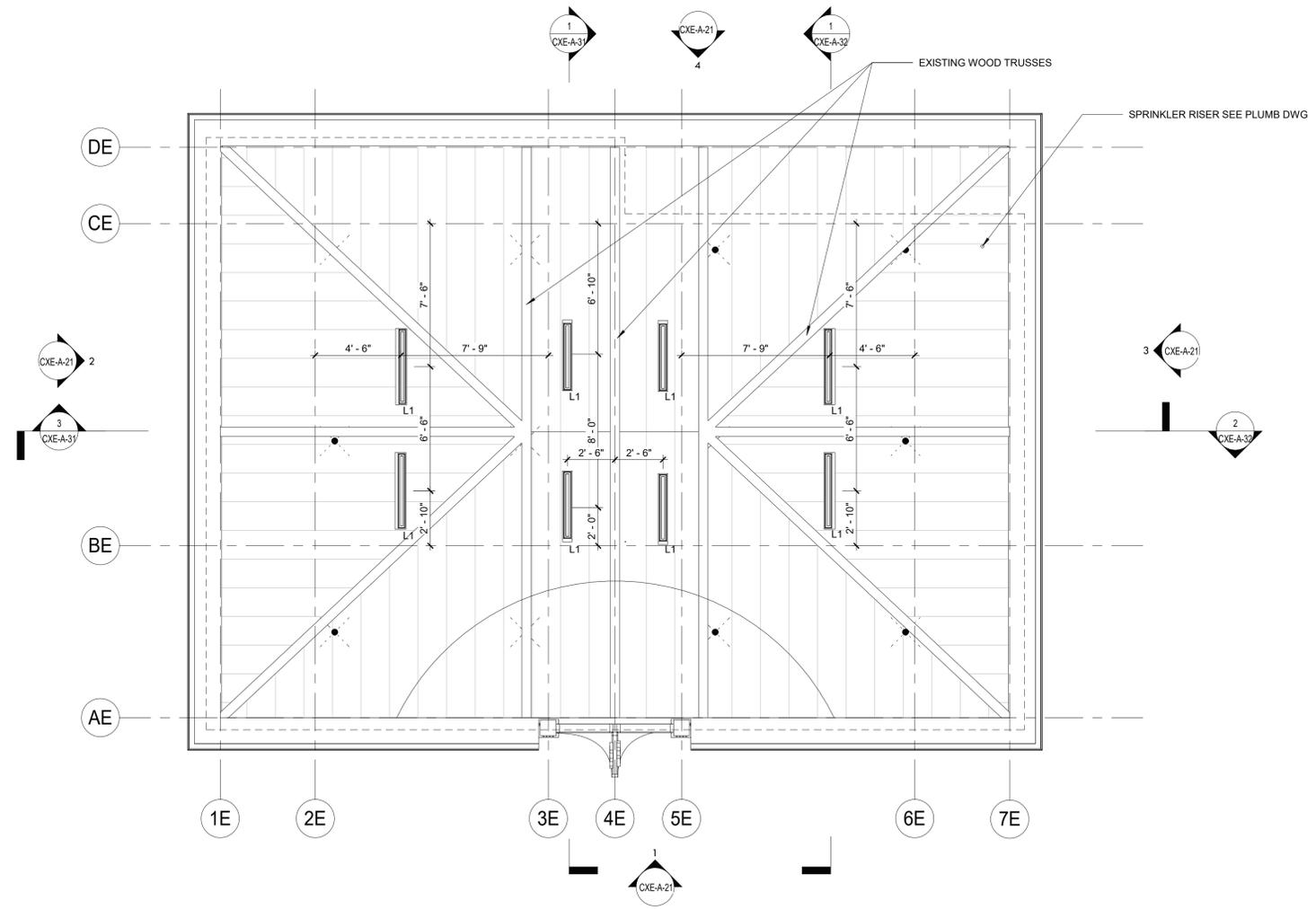
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DWG NO.: 271 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1020-0	REV. NO. 0

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.
9. CEILING BOARD OVER VENDOR SPACES SHOULD BE MOISTURE RESISTANT, PRESSURE TREATED WOOD

RCP LEGEND

-  R-2 EXTERIOR RECESSED CAN IN SOFFIT (SEE ELEC. DWGS)
-  R-6 4" SQUARE RECESSED LIGHT FIXTURE (SEE ELEC. DWGS)
-  L-1 LINEAR LIGHT (SEE ELEC. DWGS)
-  M-2 MARQUEE LIGHTING AT BALUSTRADE
-  SPRINKLER (SEE FIRE PROTECTION DWGS)
-  SUPPLY DIFFUSER. SEE MECHANICAL DRAWINGS
-  EXHAUST GRILL. SEE MECHANICAL DRAWINGS
-  EX- EXIT SIGN
-  NEW CONSTRUCTION
-  T1-11 CEILING BOARD
-  GYP. BOARD CEILING
-  INDICATES SCOPE NOT IN CONTRACT



1 CXE - ATTIC PLAN
1/4" = 1'-0"

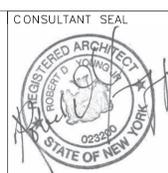


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CONSULTANT INFORMATION

The LiRo Group

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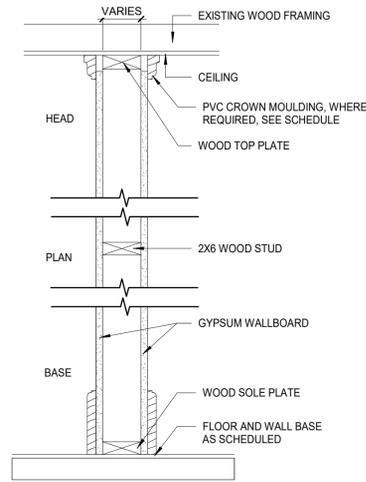
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

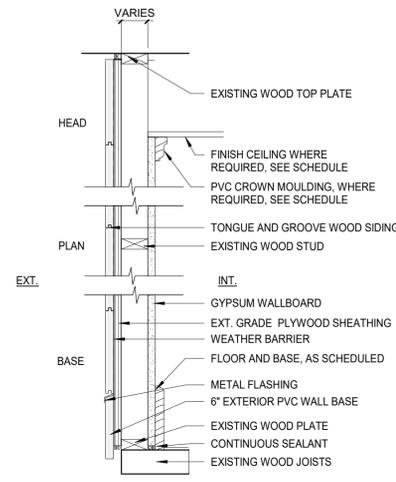
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
CXE - ATTIC REFLECTED CEILING PLAN**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-42
DWG NO.: 272 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1021-0	REV. NO. 0

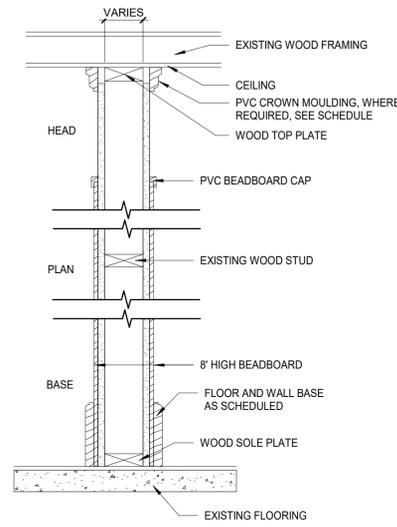


1 NO RATING
 1 LAYER 5/8" IMPACT & MOLD-RESISTANT GYP. BD. TO CEILING, ON EACH SIDE

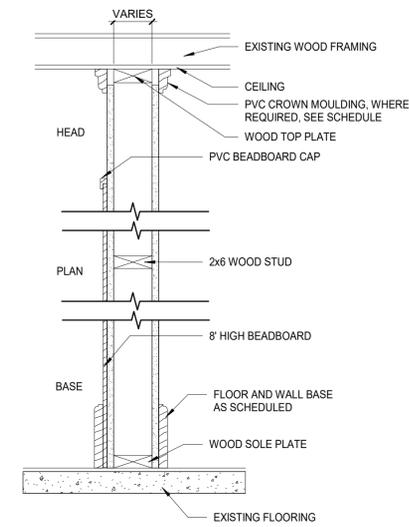


2 NO RATING
 1 LAYER 5/8" IMPACT & MOLD-RESISTANT GYP. BD. UP TO 8' A.F.F. AND 5/8" MOLD-RESISTANT GYP. BD. TO CEILING ON THE INTERIOR SIDE

2A NO RATING
 1 LAYER 5/8" IMPACT & MOLD-RESISTANT GYP. BD. AND 5/8" MOLD-RESISTANT GYP. BD. TO CEILING ON THE INTERIOR SIDE. 8" HIGH BEADBOARD ON INTERIOR SIDE WITH PVC BEADBOARD CAP (NOT SHOWN)



3 NO RATING
 1 LAYER 5/8" IMPACT & MOLD-RESISTANT GYP. BD. TO CEILING, ON EACH SIDE. 1/4" BEADBOARD ON BOTH SIDE FINISH



7 1HR FIRE RATING- U305
 1 LAYER 5/8" IMPACT & MOLD-RESISTANT GYP. BD. TO CEILING, ON EACH SIDE. 8" HIGH BEADBOARD ON VENDOR SPACE(S) SIDE WITH PVC BEADBOARD CAP

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CONSULTANT INFORMATION

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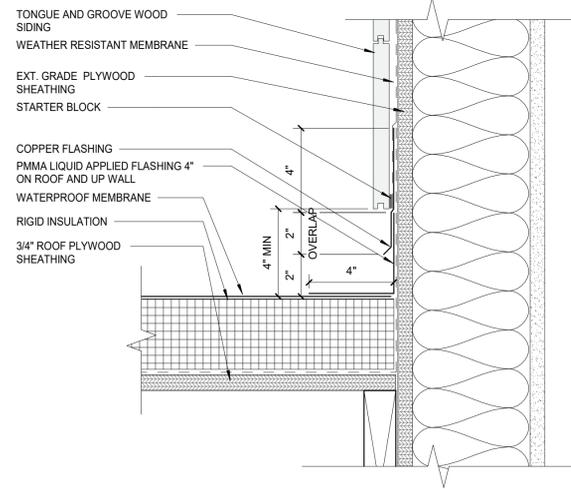
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

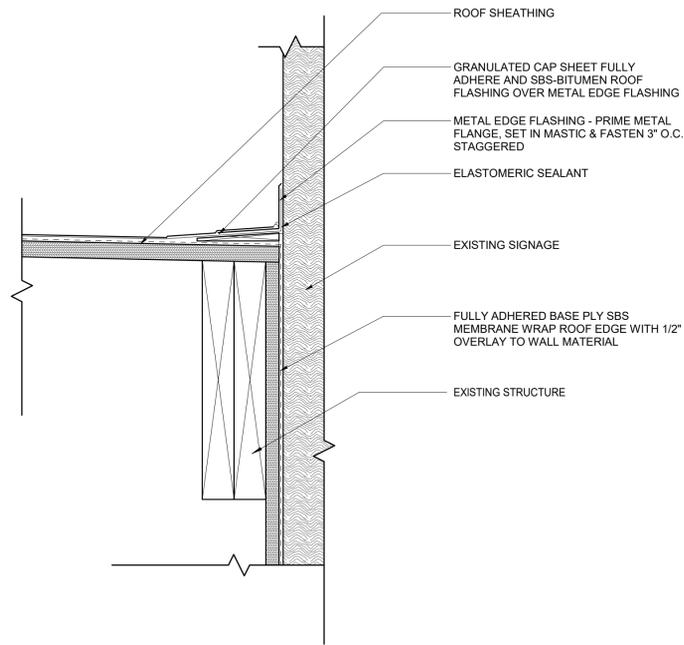
WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION PHASE 3
 PLAYLAND PARK, RYE, NEW YORK
 CROSS AXIS BUILDING E
 PARTITION TYPES**

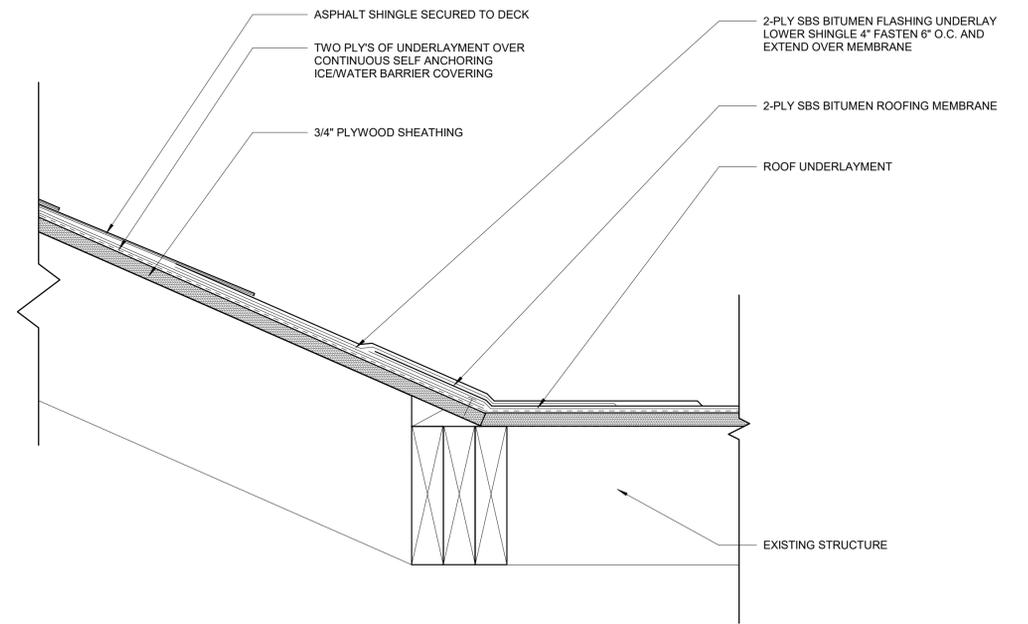
CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-80
DWG NO.: 273 of 664	
SCALE: 1 1/2" = 1'-0"	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1022-0	REV. NO. 0



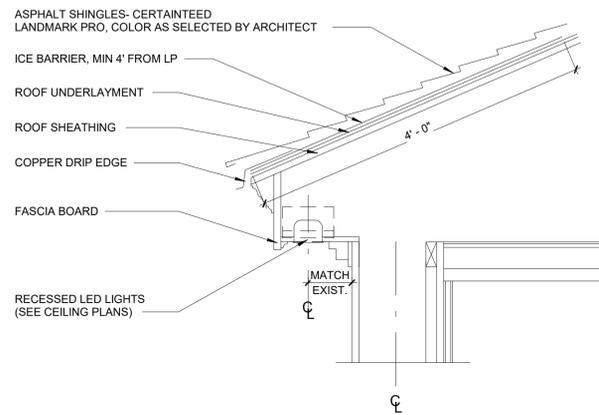
6 ROOF FLASHING DETAIL
3" = 1'-0"



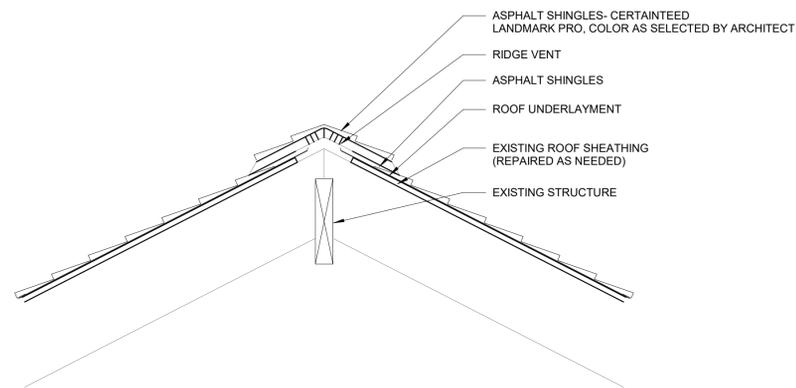
5 SBS ROOF EDGE AT SIGNAGE
3" = 1'-0"



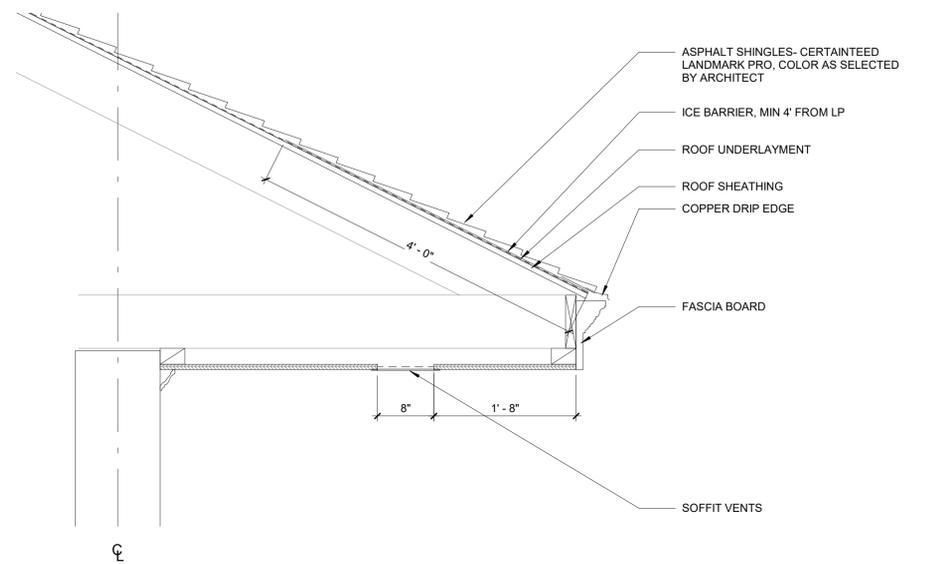
4 TYP. ASPHALT TO SBS ROOF CONNECTION
3" = 1'-0"



3 TYPICAL ROOF EAVE DETAIL
1" = 1'-0"



2 RIDGE VENT DETAIL
1" = 1'-0"



1 ROOF EAVE WITH VENT DETAIL
1" = 1'-0"

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CONSULTANT INFORMATION

 3 Aerial Way, Syosset, New York 11791
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CONSULTANT SEAL

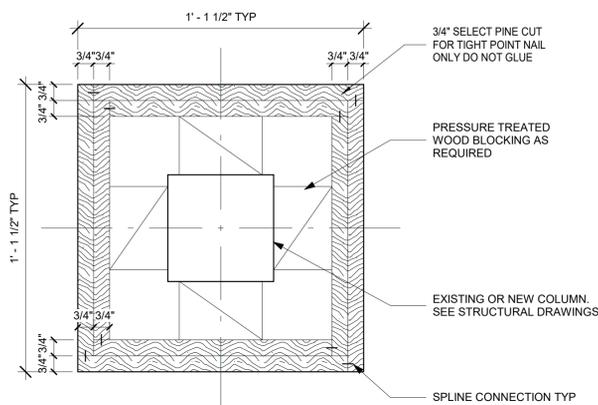

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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

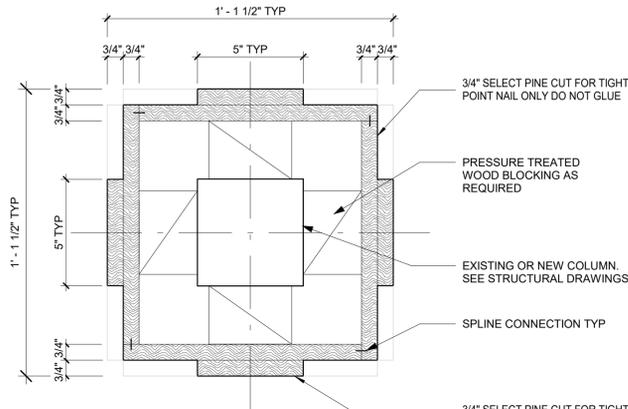
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
ROOF DETAILS

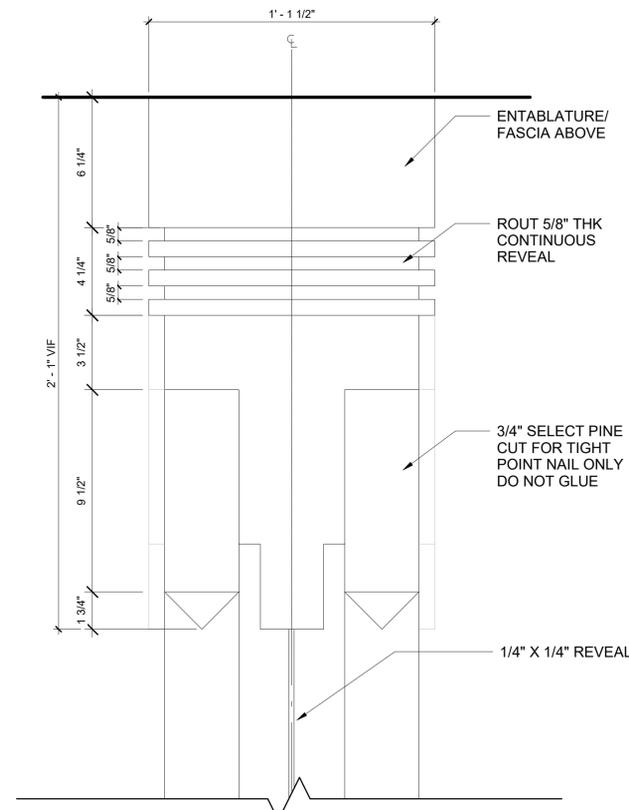
CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-81
DWG NO.: 274 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1023-0	REV. NO. 0



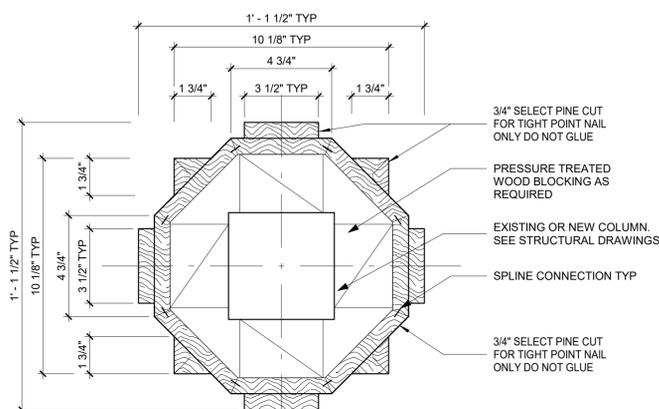
10 COLUMN C CAPITAL 3
3" = 1'-0"



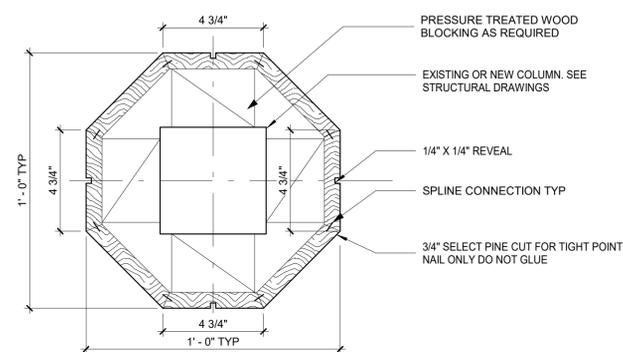
9 COLUMN C CAPITAL 2
3" = 1'-0"



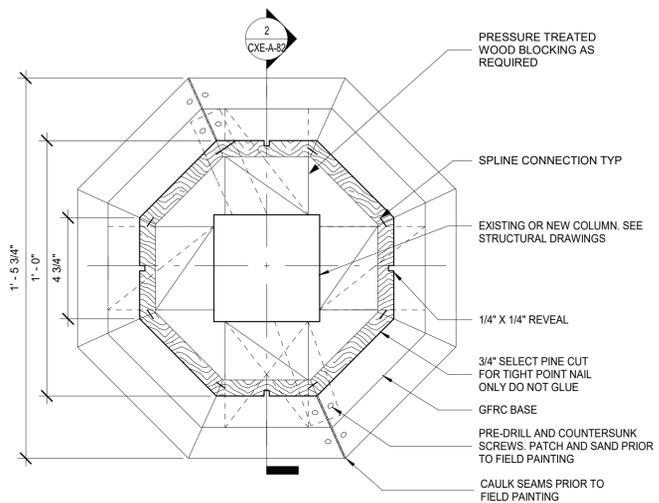
6 COLUMN CAPITAL DETAIL TYPE C
3" = 1'-0"



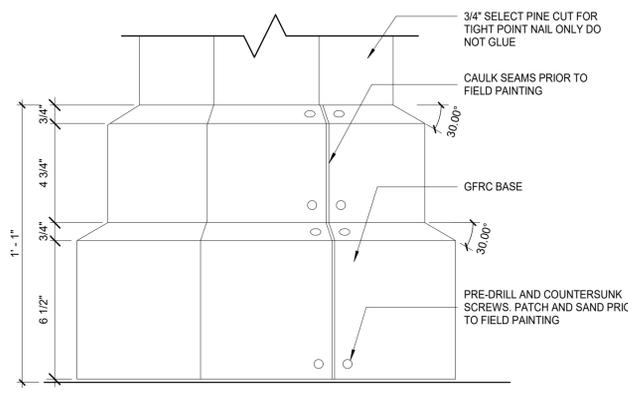
8 COLUMN C CAPITAL 1
3" = 1'-0"



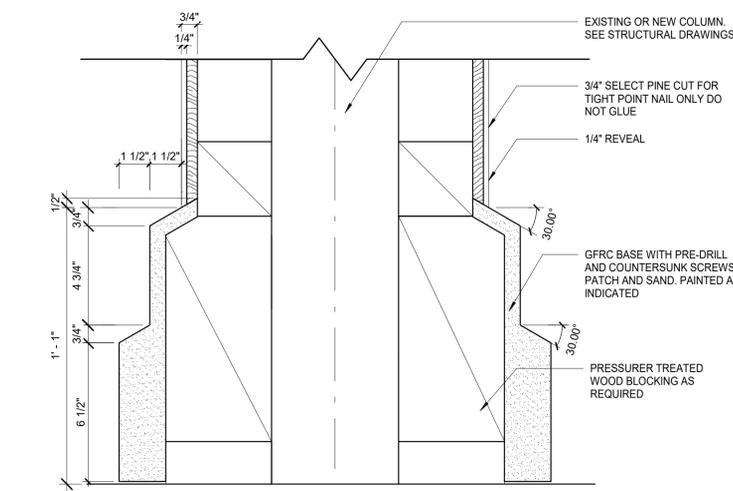
7 COLUMN C SHAFT
3" = 1'-0"



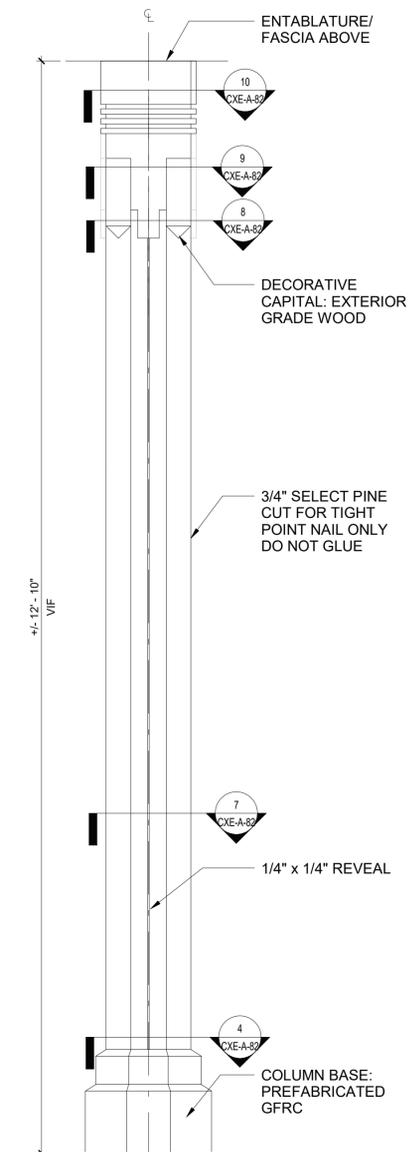
4 COLUMN C BASE PLAN
3" = 1'-0"



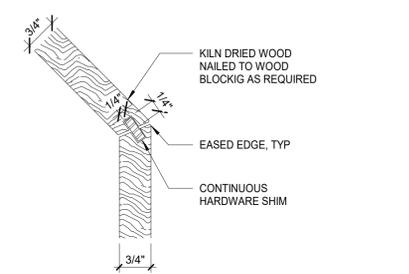
3 COLUMN C ELEVATION- COLUMN BASE
3" = 1'-0"



2 COLUMN C SECTION- COLUMN BASE
3" = 1'-0"



5 COLUMN DETAIL TYPE C
1" = 1'-0"



1 SPLINE CONNECTION DETAIL
6" = 1'-0"

- NOTES:
1. KILN DRIED WOOD IS TO BE USED FOR COLUMN CLADDINGS.
 2. PRESSURE-TREATED WOOD ARE TO BE USED FOR BLOCKING SUBSTRATE AS REQUIRED BY CLADDING INSTALLATIONS.
 3. STAINLESS STEEL NAILS FASTENERS ARE TO BE USED FOR CLADDING, BLOCKING INSTALLATIONS.
 4. HARDWOOD IS TO BE USED FOR SPLINE SHIM CLADDING CONNECTION.
 5. SPLICE WOOD CLADDING PANEL OF INDIVIDUAL PIECES WHEN PANEL WIDTH EXCEEDS WIDTH OF WOOD PLANK AVAILABLE
 6. ALL DIMENSIONS TO BE VERIFIED IN FIELD

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CONSULTANT INFORMATION

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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

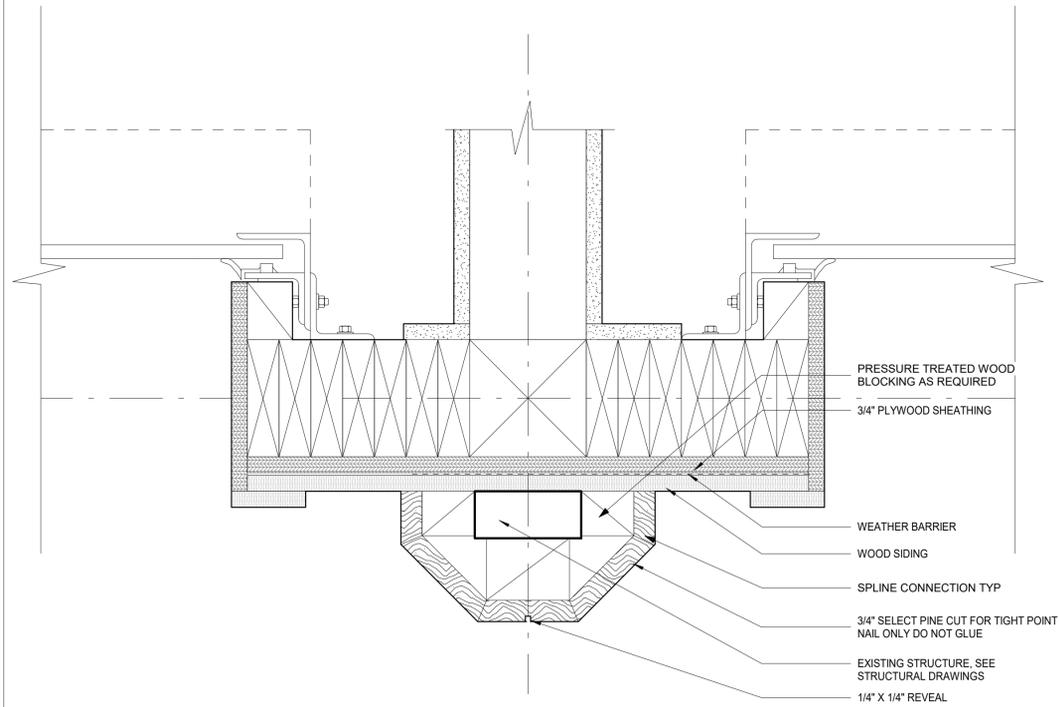
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

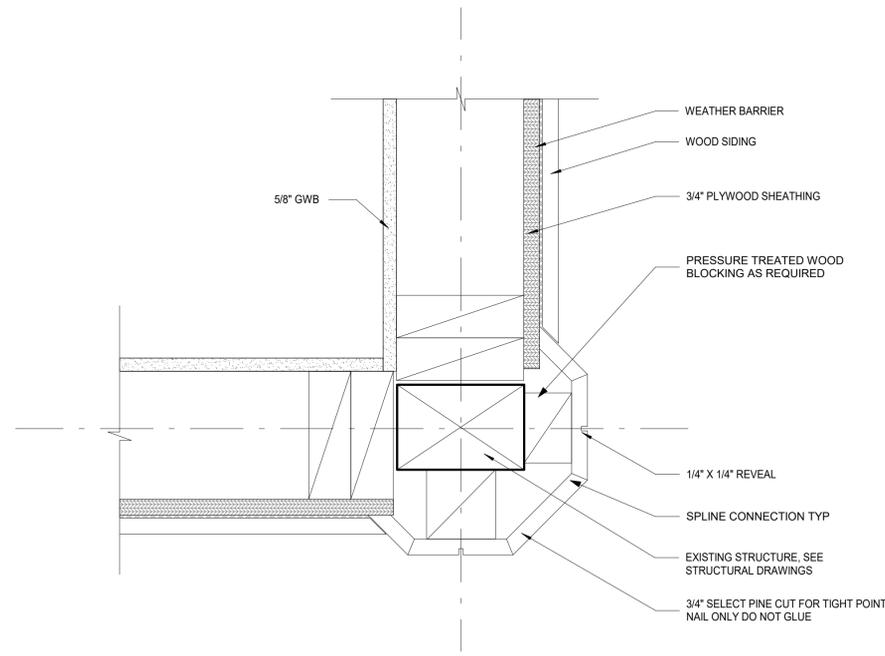
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
CXE COLUMN DETAILS**

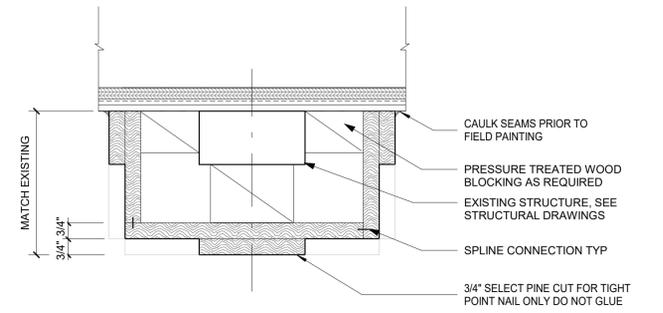
CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-82
DWG NO.: 275 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1024-0	REV. NO. 0



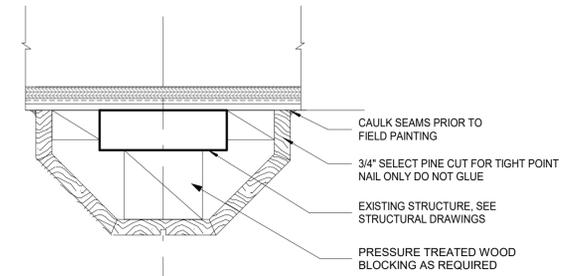
6 EXTERIOR COLUMN BETWEEN ROLL UP DOOR PLAN DETAIL
3" = 1'-0"



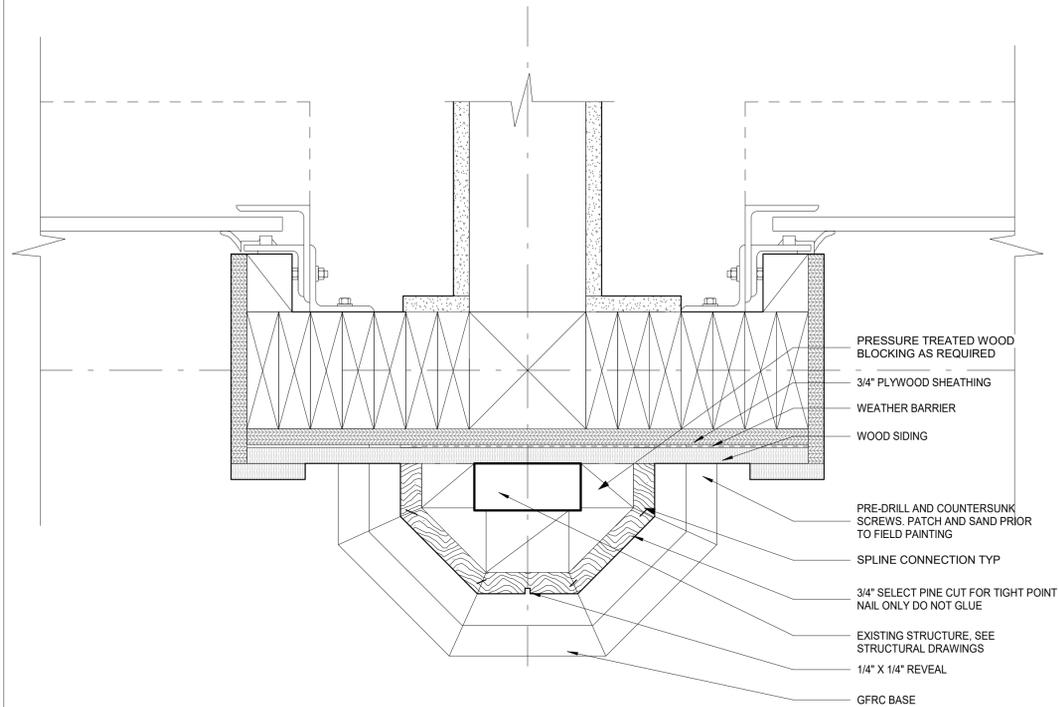
5 EXTERIOR CORNER COLUMN CONNECTION PLAN DETAIL
3" = 1'-0"



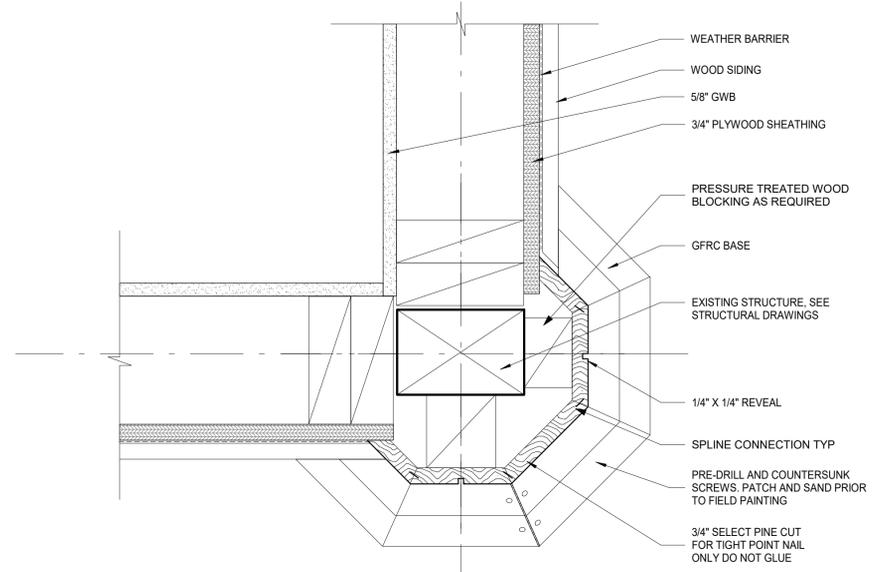
7 PILASTER COLUMN CAPITAL DETAIL
3" = 1'-0"



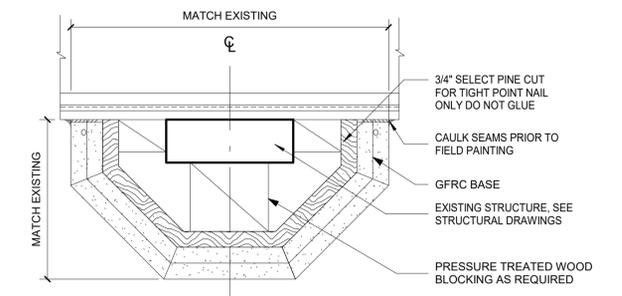
4 PILASTER COLUMN SHAFT DETAIL
3" = 1'-0"



3 EXTERIOR COLUMN BETWEEN ROLL UP DOOR PLAN DETAIL Copy 1
3" = 1'-0"



2 EXTERIOR CORNER COLUMN CONNECTION BASE PLAN DETAIL
3" = 1'-0"



1 PILASTER COLUMN BASE DETAIL
3" = 1'-0"

- NOTES:
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 2. PRESSURE-TREATED WOOD ARE TO BE USED FOR BLOCKING SUBSTRATE AS REQUIRED BY CLADDING INSTALLATIONS.
 3. STAINLESS STEEL NAILS FASTENERS ARE TO BE USED FOR CLADDING, BLOCKING INSTALLATIONS.
 4. HARDWOOD IS TO BE USED FOR SPLINE SHIM CLADDING CONNECTION.
 5. SPLICE WOOD CLADDING PANEL OF INDIVIDUAL PIECES WHEN PANEL WIDTH EXCEEDS WIDTH OF WOOD PLANK AVAILABLE.
 6. ALL DIMENSIONS TO BE VERIFIED IN FIELD.

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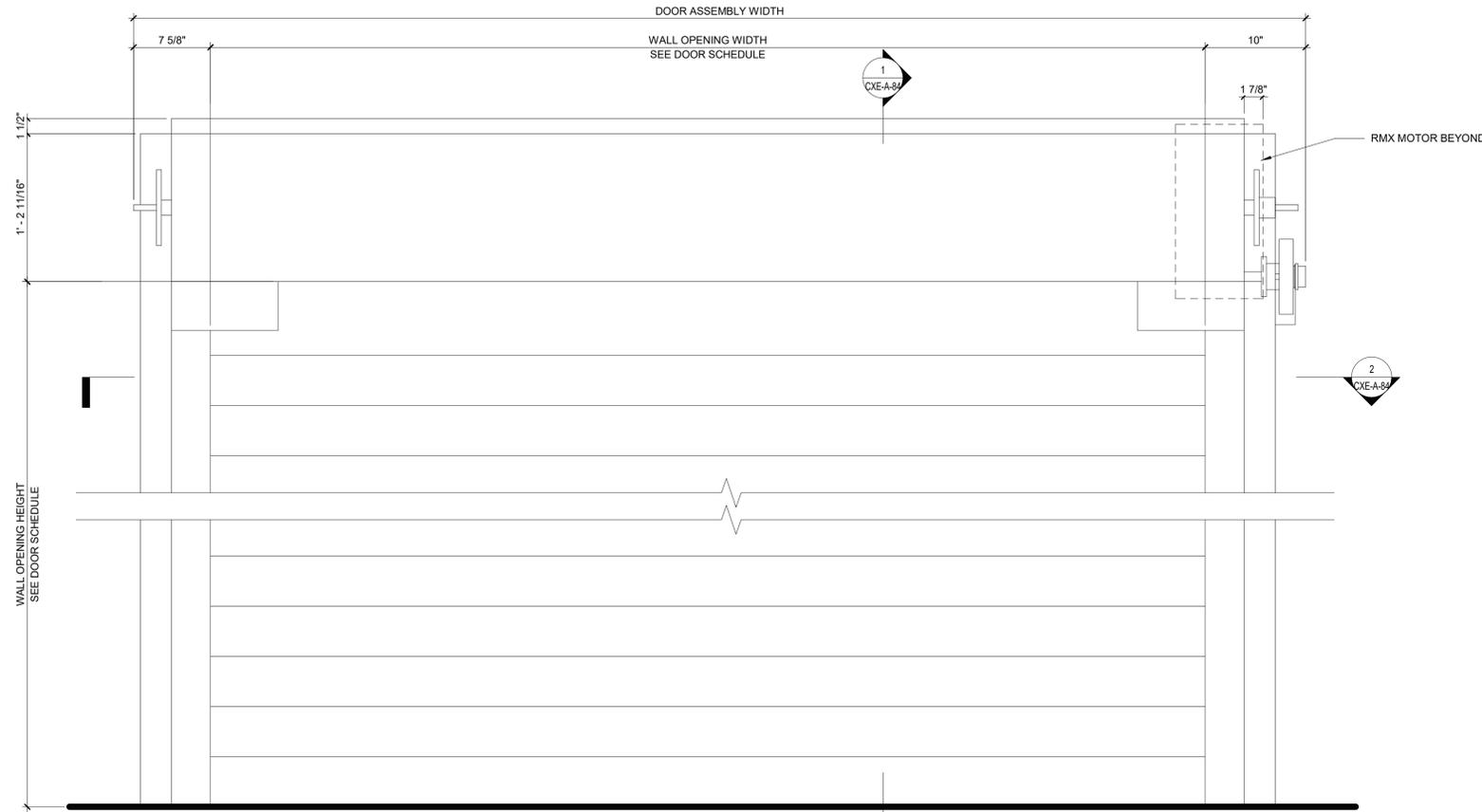
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

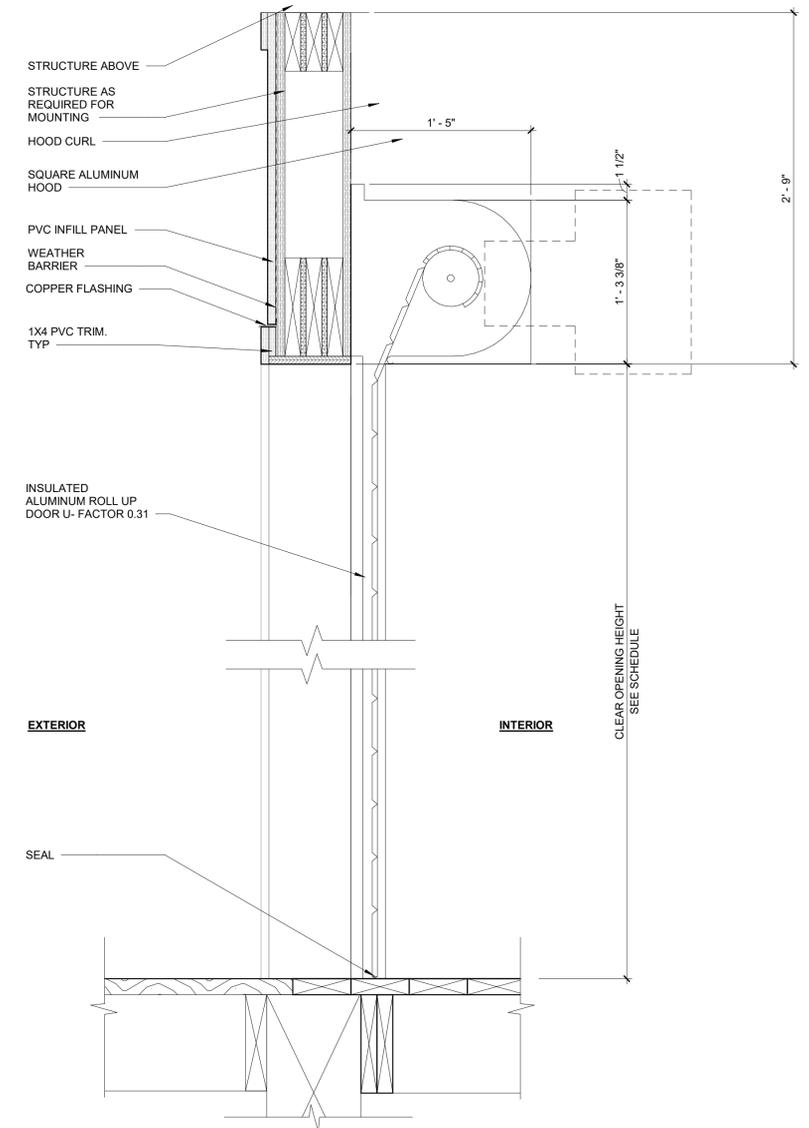
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
CXE - COLUMN DETAILS 2**

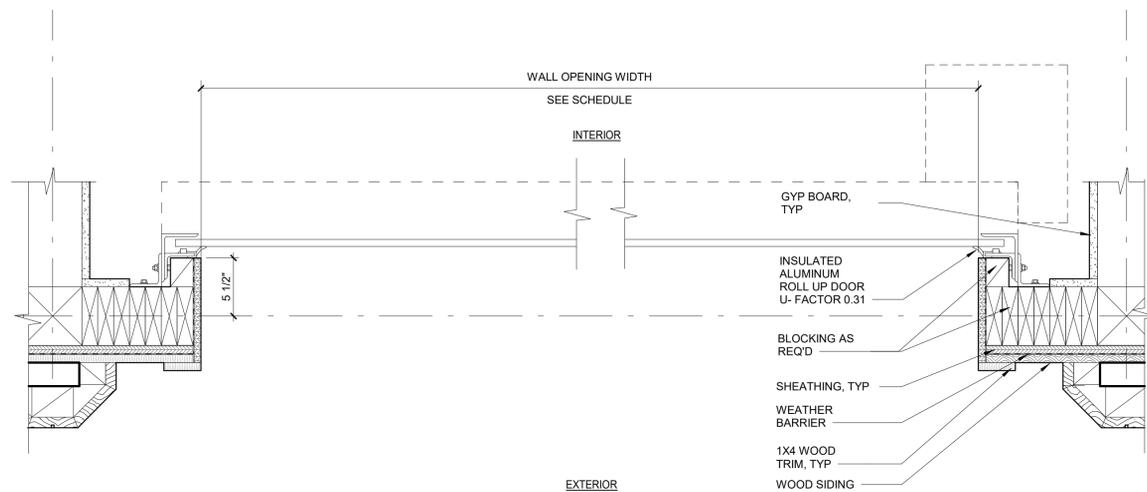
CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-83
DWG NO.: 276 of 664	
SCALE: 3" = 1'-0"	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1025-0	REV. NO. 0



3 ROLL UP DOOR ELEVATION DETAIL
1 1/2" = 1'-0"



1 ROLL UP DOOR SECTION DETAIL
1 1/2" = 1'-0"



2 ROLL UP DOOR PLAN DETAIL
1 1/2" = 1'-0"

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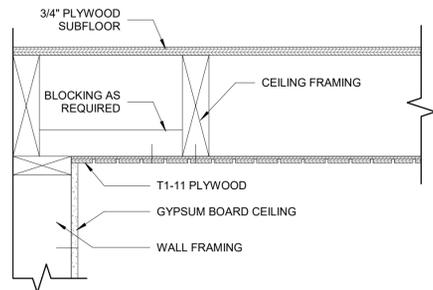
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

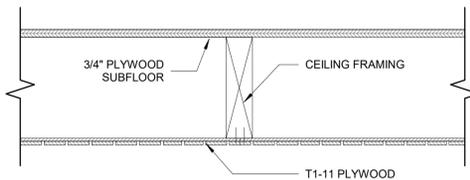
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
ROLL UP DOOR DETAILS**

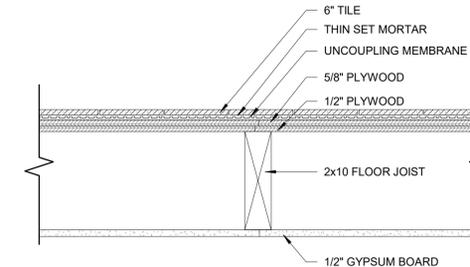
CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-84
DWG NO.: 277 of 664	
SCALE: 1 1/2" = 1'-0"	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1026-0	REV. NO. 0



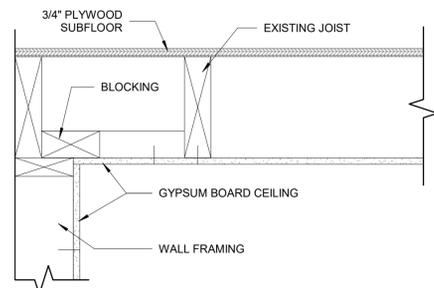
8 T1-11 FRAMING PARALLEL TO WALL
1 1/2" = 1'-0"



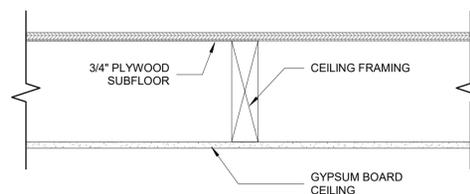
7 T1-11 FRAMING DETAIL
1 1/2" = 1'-0"



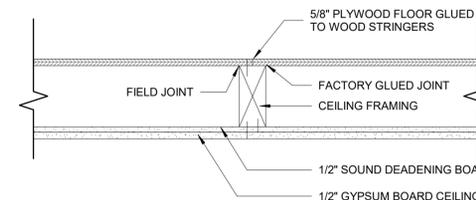
6 1 HOUR NON-COMBUSTIBLE FLOOR ASSEMBLY - BXUV.L501 - ANSI/UL 263
1 1/2" = 1'-0"



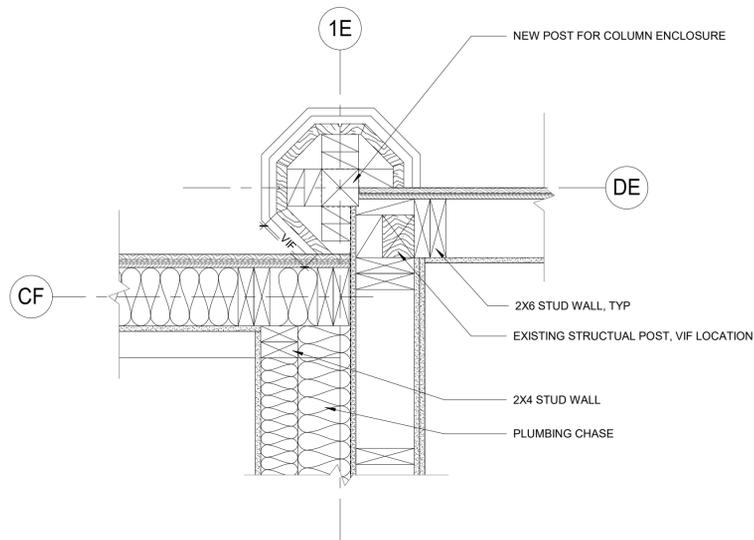
5 GYPSUM CEILING FRAMING PARALLEL TO WALL
1 1/2" = 1'-0"



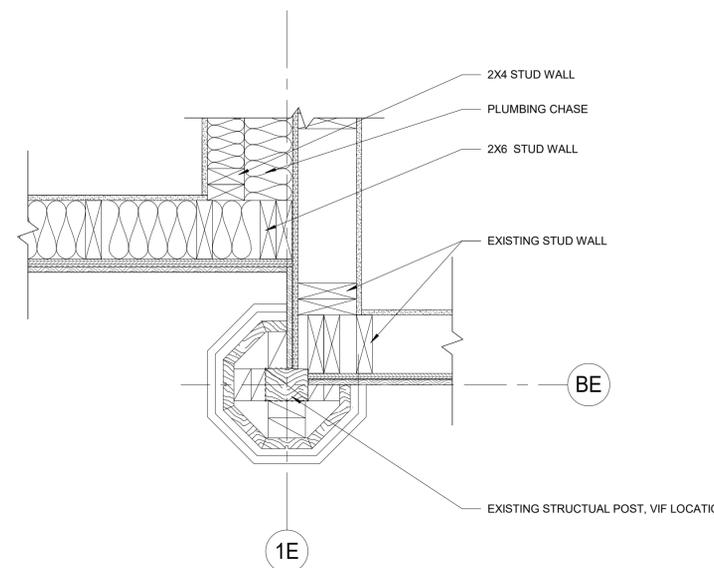
4 GYPSUM CEILING FRAMING DETAIL
1 1/2" = 1'-0"



3 1 HOUR NON-COMBUSTIBLE FLOOR CEILING ASSEMBLY - BXUV.L504 - ANSI/UL 263
1 1/2" = 1'-0"



2 CXE PLAN DETAIL 2
1 1/2" = 1'-0"



1 CXE PLAN DETAIL 1
1 1/2" = 1'-0"

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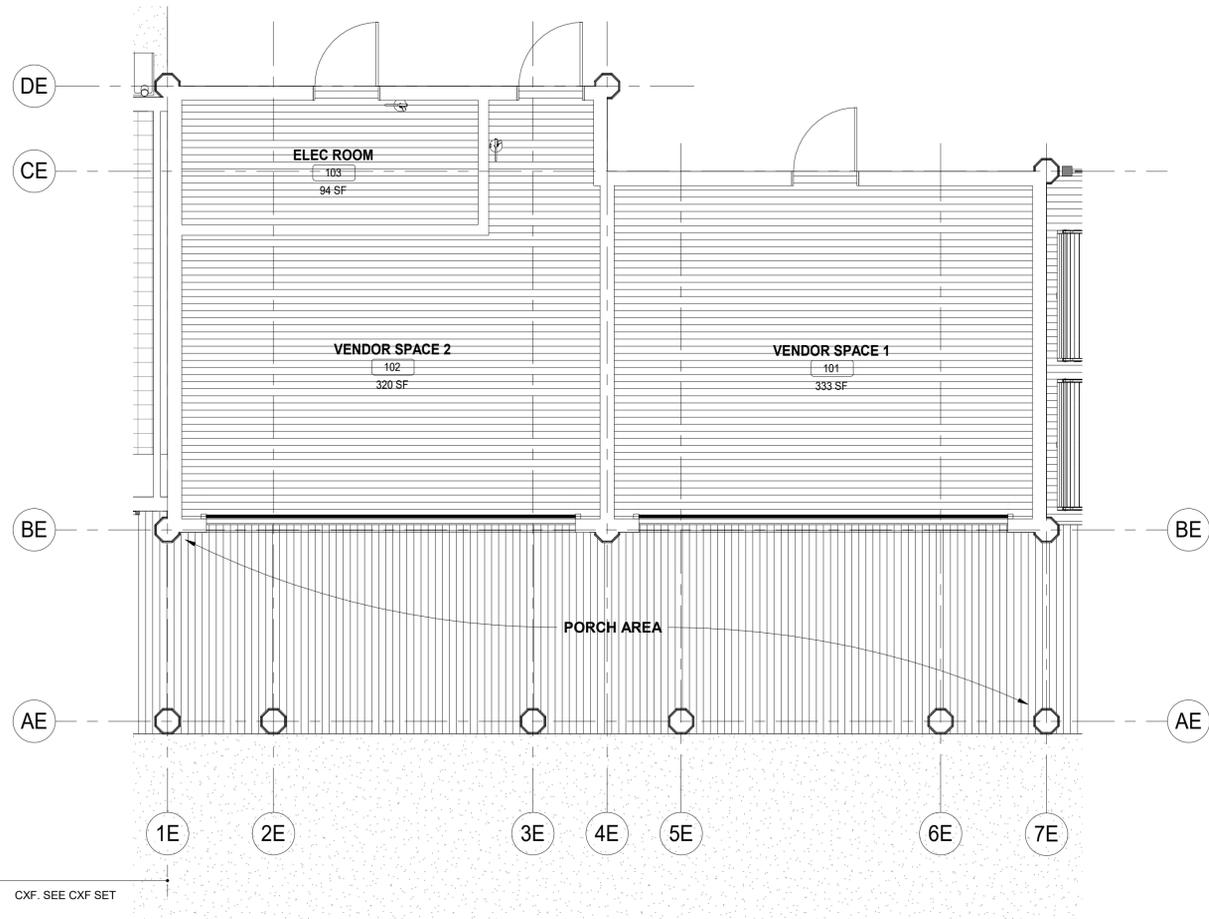
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
DETAILS**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-85
DWG NO.: 278 of 664	
SCALE: 1 1/2" = 1'-0"	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1027-0	REV. NO. 0



1 CXE FINISH PLAN
1/4" = 1'-0"

FINISH SCHEDULE						
ROOM #	ROOM NAME	FLOORS	WALLS	CEILING	DOORS AND TRIM	WALL BASE
101	VENDOR SPACE 1	WD-1	P-13	P-13	SEE DOOR SCHEDULE (CXE-A-92)	WB-1
102	VENDOR SPACE 2	WD-1	P-13	P-13	SEE DOOR SCHEDULE (CXE-A-92)	WB-1
104	ELECTRICAL ROOM	WD-1	P-13	P-13	SEE DOOR SCHEDULE (CXE-A-92)	WB-1
-	PORCH AREA	WD-2	-	P-10	-	-
PAINT (FOR PAINT TYPE AND SYSTEMS, SEE SPECIFICATIONS)						
P-13	MFR: BENJAMIN MOORE - COLOR: READY MIX WHITE					
CEILING						
P-13	MFR: BENJAMIN MOORE - COLOR: READY MIX WHITE					
P-10	MFR: BENJAMIN MOORE - COLOR: CAPE BLUE					
FLOORING						
WD-1	2X6 WOOD BOARD TO MATCH IN KIND WITH EXISTING FLOOR					
WD-2	IPE WOOD DECK					
WALL BASE (FOR WALL BASE DETAILS, SEE CXE-A-XX)						
WB-1	1 x 6 WOOD BASE					
WB-2	QUARRY TILE BASE TO MATCH IN KIND WITH ADJACENT (N.I.C. SPACE)					
THRESHOLD (FOR THRESHOLD DETAILS, SEE CXE-A-92)						
TR-1	EXTERIOR DOOR SILL					

FINISH LEGEND:

- NIC ITEMS NOT IN CONTRACT
- TILE FLOORING
- TIMBER WOOD DECKING
- QUARRY TILE FLOORING

FINISH PLAN NOTES:

1. INDICATES TYPICAL FINISHES WITHIN ROOM, U.N.O. SEE SHEET CXE-A-91 FOR MATERIAL AND COLOR SCHEDULE.
2. ALL FLOORING COVERING MATERIALS TO BE INSTALLED PER MANUFACTURER'S STANDARD DETAILS AND SPECIFICATIONS. VERIFY WITH MANUFACTURER PRIOR TO INSTALLATION.
3. THE G.C. IS RESPONSIBLE FOR PROVIDING A SMOOTH LEVEL FLOOR SURFACE THAT MEETS MANUFACTURER'S INSTALLATION SPECIFICATIONS PRIOR TO THE INSTALLATION OF ALL FLOORING MATERIALS.
4. THE FLOORING SUB-CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT THE CONDITION OF THE BASE FLOOR MEETS THE INSTALLATION SPECIFICATIONS PRIOR TO THE INSTALLATION OF THE NEW FLOORING MATERIAL.
5. ALL MATERIAL TRANSITIONS AND DOOR THRESHOLDS TO TAKE PLACE AT DOOR CENTERLINE U.N.O.
6. ALL DIMENSIONS ARE TO CENTERLINE OF TRANSITION BETWEEN FLOORING MATERIALS OR FINISH COLOR OF SAME MATERIAL. PLANS DO NOT SHOW ALL TILES OF SAME MATERIALS. CONTRACTOR TO START TILES AT POINT AS INDICATED ON PLANS.
7. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER PREPARATION OF ALL NEW AND EXISTING SURFACES IN A SATISFACTORY MANNER TO RECEIVE NEW FINISHES. THIS INCLUDES THE DEMOLITION AND REMOVAL OF NECESSARY ITEMS, TOUCH-UP AND/OR REFINISH OF SURFACES DAMAGED BY SUBSEQUENT WORK SHALL BE PERFORMED IN CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDED INSTALLATION METHODS.
8. ALL SURFACES WHICH ARE TO RECEIVE A PAINT FINISH SHALL BE PRIMED AND FINISHED IN ACCORDANCE WITH THE WRITTEN SPECIFICATIONS.
9. ALL JOINTS IN GYPSUM BOARD WALLS SHALL BE FINISHED WITH PAPER TAPE 2" WIDE AND THREE COATS OF VINYL DRY OR PREMIXED JOINT COMPOUND. ALL OUTSIDE CORNERS SHALL BE FINISHED WITH METAL CORNER BEADS, TAPED AND SPACKLED. ALL AREAS TO BE PAINTED SHALL BE SANDED SMOOTH. JUST PRIOR TO THE APPLICATION OF THE FIRST COAT OF PAINT, WIPE SANDED SURFACES WITH A DAMP CLOTH IN ORDER TO LAY FLAT ANY NAP WHICH MAY HAVE FORMED IN SANDING.
10. THE PAINT CONTRACTOR SHALL REMOVE ALL HARDWARE, SWITCH COVERS, ETC. PRIOR TO PAINTING AND BE RESPONSIBLE FOR THE REINSTALLATION AFTER PAINTING IS COMPLETED.
11. FINISH FLOORING INSTALLATION SHALL BE IN CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES. COORDINATE THE INSTALLATION WITH OTHER TRADES, SUCH AS ELECTRICAL.
12. ALL JOINTS BETWEEN MATERIALS TO BE TIGHT AND CONSTRUCTED IN A NEAT WORKMANLIKE MANNER.
13. ALL FINISHES SHALL BE TOUCHED UP TO CORRECT ANY IMPERFECTIONS AFTER INSTALLATION. FIXTURE CONTRACTOR SHALL PROVIDE TO THE GENERAL CONTRACTOR ALL MATERIALS FOR TOUCH UP WORK.
14. THE INTENT OF THE FINISH SPECIFICATIONS IS TO PROVIDE A SATISFACTORY FINISH TO ALL PARTS OF THE WORK. COVER ALL SURFACES THOROUGHLY. IF THE SPECIFIED NUMBER OF COATS DOES NOT ACCOMPLISH THE INTENT, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPLICATION OF ADDITIONAL COATS OF THE SPECIFIED MATERIAL TO GIVE SATISFACTORY COVERAGE, AT NO ADDITIONAL COST TO OWNER.
15. CLEAN ALL GLASS SURFACES WITH LIQUID GLASS CLEANER AT PROJECT COMPLETION.
16. REFERENCE SPECIFICATIONS FOR COMPLETE FINISH DOCUMENTATION AND MANUFACTURER INSTALLATION AND MAINTENANCE DOCUMENTATION.

PAINTING SCHEDULE

KEY	COLOR	MANUFACTURER	REMARKS
P- 1	MYSTICAL POWERS #901	BENJAMIN MOORE	
P- 2	HERITAGE RED #HC-181	BENJAMIN MOORE	
P- 3	NEW YORK STATE OF MIND #805	BENJAMIN MOORE	
P- 4	LAZY SUNDAY #803	BENJAMIN MOORE	
P- 5	DEEP JUNGLE #595	BENJAMIN MOORE	
P- 6	LUCK OF THE IRISH #588	BENJAMIN MOORE	
P- 7	MAJOLICA GREEN #0013	SHERWIN WILLIAMS	
P- 8	ANTELOPE CANYON #125	BENJAMIN MOORE	
P- 9	FORSYTHIA #8907	SHERWIN WILLIAMS	
P- 10	CAPE BLUE #1642	BENJAMIN MOORE	
P- 11	WHITE SNOW #9541	SHERWIN WILLIAMS	
P- 12	TRICORN BLACK #6258	SHERWIN WILLIAMS	
P- 13	READY MIX WHITE	BENJAMIN MOORE	INTERIOR USE ONLY
P- 14	STUCCO PAINT TO MATCH P-1	KEIM	
P- 15	VAN DEUSEN BLUE #HC-156	BENJAMIN MOORE	
P- 16	#RAL9001		TYP. ROLL UP DOOR
P- 17	FLORIDA BEACHES #900	BENJAMIN MOORE	
P- 18	PIRATES COVE PEACH #903	BENJAMIN MOORE	
P- 19	JADITE #6459	SHERWIN WILLIAMS	
P- 20	DECISIVE YELLOW #6902	SHERWIN WILLIAMS	

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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
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**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
FINISH PLAN AND FINISH SCHEDULE**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-91
DWG NO.: 279 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1028-0	REV. NO. 0

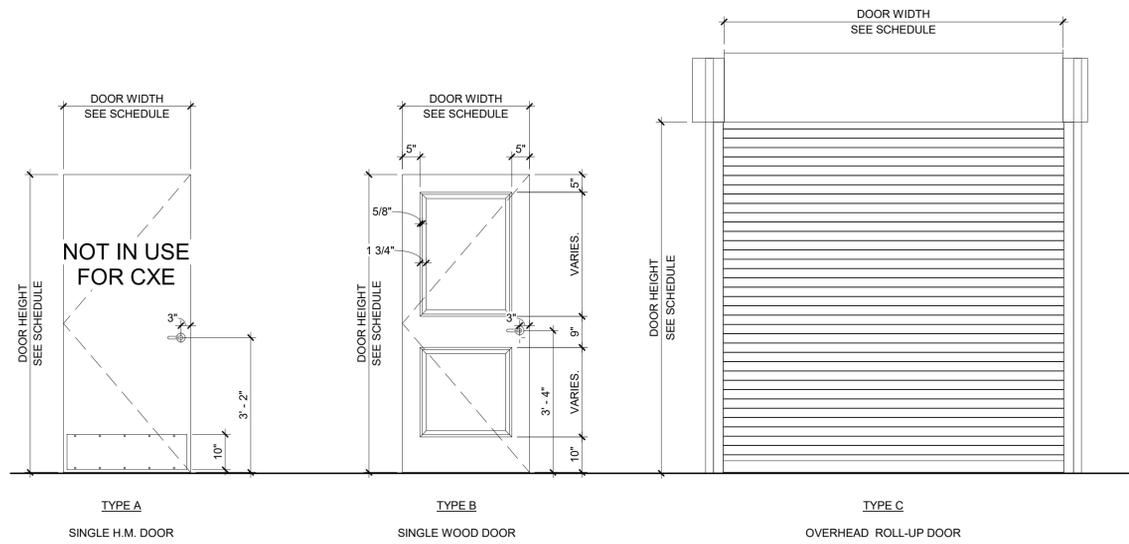
DOOR SCHEDULE - CXE

BUILDING	DOOR NUMBER	DOOR TYPE	DOOR					DOOR				FRAME			HDWR SET	REMARKS
			WIDTH	HEIGHT	DOOR THICKNESS	DOOR MATERIAL	GLASS	EXTERIOR FINISH	INTERIOR FINISH	FRAME TYPE	MATERIAL	EXTERIOR	INTERIOR			
CXE	101A	C	17'-5"	11'-2"		ALUM	NO	PAINT, P-16	PAINT, P-16	-	-	-	-	4.0		
CXE	101B	B	3'-0"	7'-0"	1 3/4"	WOOD	NO	PAINT, P-1	PAINT, P-13	2	WD.	PAINT, P-10	PAINT, P-13	9.0	STOREFRONT LOCK SET, X-2 SIGN	
CXE	102A	C	17'-5"	11'-2"		ALUM	NO	PAINT, P-16	PAINT, P-16	-	-	-	-	4.0		
CXE	102B	B	3'-0"	7'-0"	1 3/4"	WOOD	NO	PAINT, P-1	PAINT, P-13	2	WD.	PAINT, P-10	PAINT, P-13	9.0	STOREFRONT LOCK SET, X-2 SIGN	
CXE	103A	B	3'-0"	7'-0"	1 3/4"	WOOD	NO	PAINT, P-1	PAINT, P-13	2	WD.	PAINT, P-10	PAINT, P-13	11.0	STOREFRONT LOCK SET, A-3 SIGN	

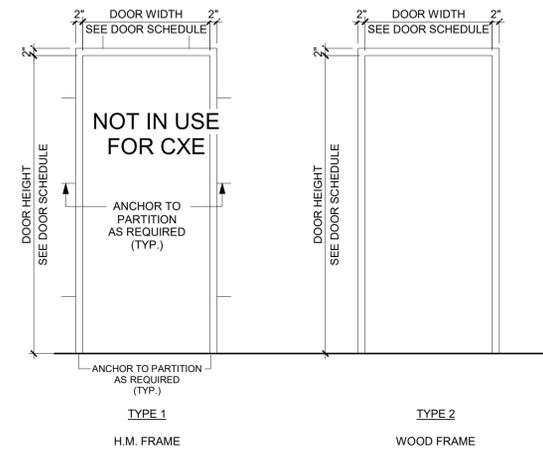
NOTE: GC TO CONFIRM DOOR SIZES IN FIELD PRIOR TO ORDERING

GENERAL DOOR SCHEDULE NOTES:

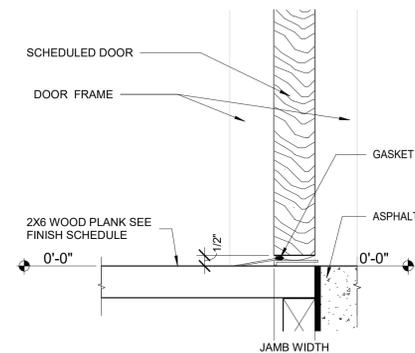
- REFER TO CXE-A-92 SHEET FOR DOOR SILL & TRANSITION DETAILS. SILL TRANSITION INFORMATION IS INDICATED ON FINISH PLAN UNLESS OTHERWISE NOTED.
- REFER TO SHEET CXE-A-91 FOR FINISH SCHEDULE AND LEGEND.
- THE CONTRACTOR SHALL EXAMINE THE DRAWINGS, SCHEDULE AND SPECIFICATIONS AND FURNISH PROPER HARDWARE FOR ALL OPENINGS WHETHER LISTED OR NOT. COMPLETE SHOP DRAWINGS SHALL BE PROVIDED FOR APPROVAL PRIOR TO PURCHASE.
- ALL EXIT DOORS SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.
- VERIFY DIMENSIONS OF EXISTING OPENINGS AND DOORS BEFORE ORDERING.
- 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.



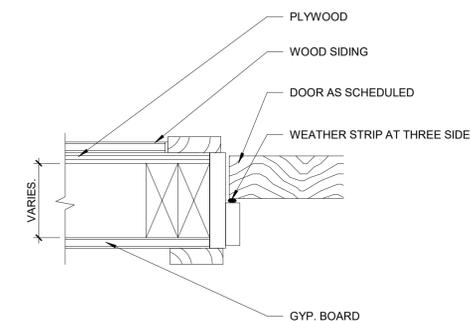
5 DOOR TYPES
1/2" = 1'-0"



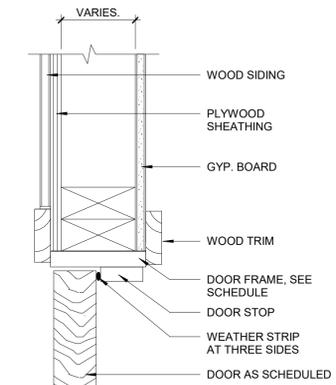
4 DOOR FRAME TYPES
1/2" = 1'-0"



3 WOOD PLANK TO ASPHALT TRANSITION
3" = 1'-0"



2 WOOD DOOR JAMB DETAIL.
3" = 1'-0"



1 WOOD DOOR HEAD DETAIL.
3" = 1'-0"

8/30/2022 4:20:43 PM

CONSULTANT INFORMATION

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

CONSULTANT SEAL

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

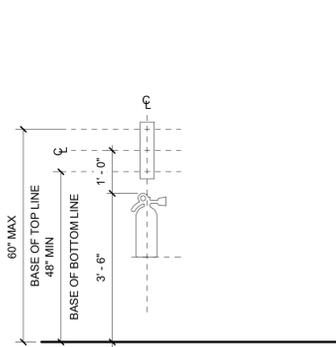
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 AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

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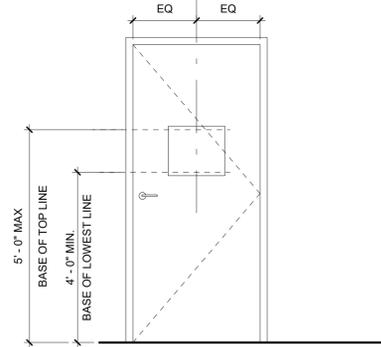
WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
DOOR SCHEDULE AND DOOR DETAILS

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-92
DWG NO.: 280 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1029-0	REV. NO. 0

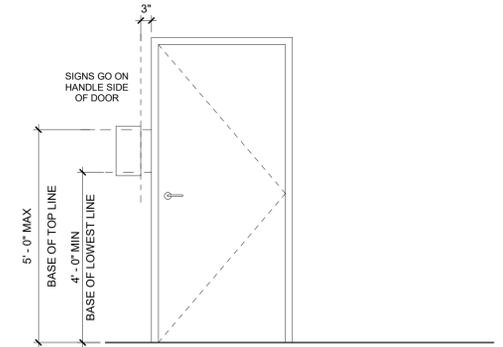
- SIGNAGE GENERAL NOTES**
- ALL PANEL SIGNAGE SHALL BE WALL MOUNTED AT 48" MIN AND 60" MAX ABOVE THE ADJACENT FINISHED FLOOR MEASURED FROM THE BASELINE OF THE CHARACTERS AND IN COMPLIANCE WITH THE LATEST ADOPTED VERSION OF ICC/ANSI-A117.1 REQUIREMENTS.
 - SIGNAGE SHOWN HERE MAY NOT BE INCLUSIVE OF ALL TYPES OF SIGNAGE REQUIRED FOR THIS PROJECT. REFER TO DRAWINGS AND SPECIFICATIONS FOR ALL ADDITIONAL SIGNAGE REQUIREMENTS NOT SHOWN HERE.
 - MOUNT SIGN SO THAT A PERSON CAN APPROACH WITHIN 3" AND AVOID DOOR SWING AND PROTRUDING OBJECTS.
 - SIGNS SHALL BE LOCATED ON THE WALL ADJACENT TO THE LATCH SIDE OF DOOR, UON.



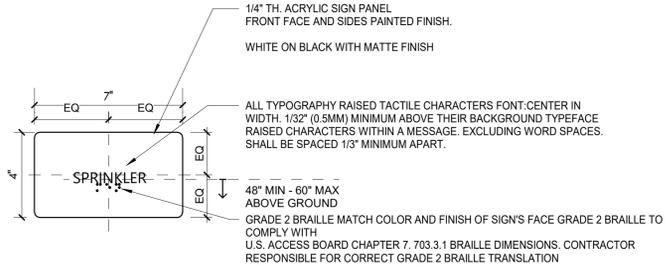
9 FIRE EXTINGUISHER SIGN LOCATION ELEVATION
1/2" = 1'-0"



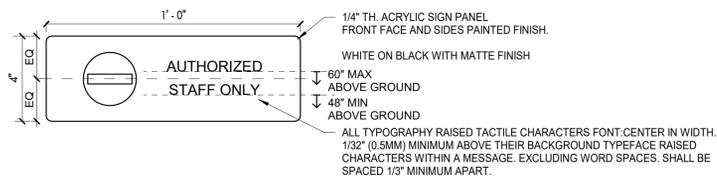
8 SIGN LOCATION ELEVATION - TYPICAL DOOR CONDITION 2
1/2" = 1'-0"



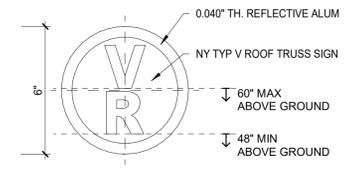
7 SIGN LOCATION ELEVATION - TYPICAL DOOR CONDITION
1/2" = 1'-0"



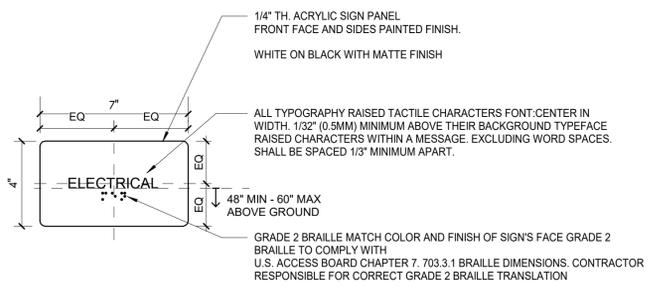
6 TYPE A-2- SPRINKLER ROOM ID. SIGN
3" = 1'-0"



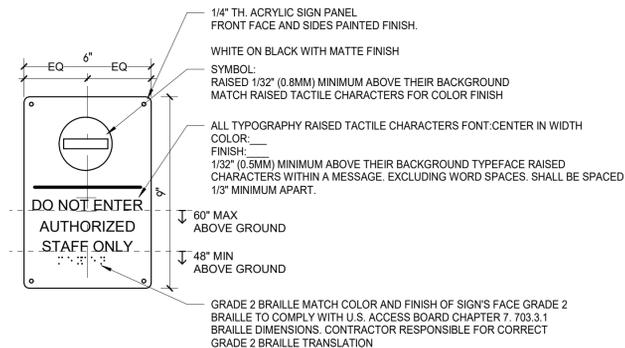
5 TYPE X-3- STAFF ONLY SIGN
3" = 1'-0"



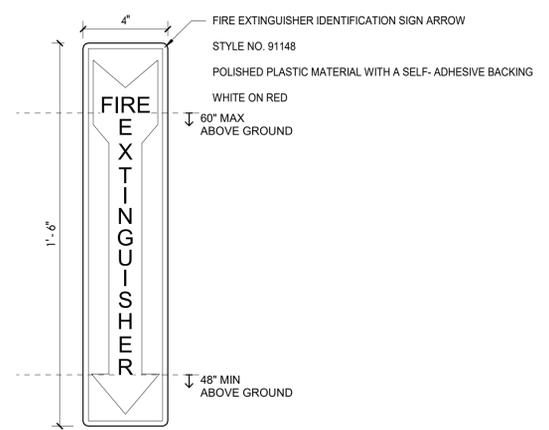
4 TYPE X-4 TRUSS SIGNAGE CLASS VR
3" = 1'-0"



3 TYPE A-3 ELECTRICAL ROOM ID. SIGN
3" = 1'-0"



2 TYPE X-2- STAFF ONLY. SIGN
3" = 1'-0"



1 TYPE X-1- FIRE EXTINGUISHER. SIGN
3" = 1'-0"

8/30/2022 4:20:44 PM

CONSULTANT INFORMATION

The LiRo Group

3 Aerial Way, Syosset, New York 11791
(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		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

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

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CXD - CXE - CXF
SIGNAGE TYPES AND DETAILS**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-A-93
DWG NO.: 281 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-A-1030-0	REV. NO. 0

STRUCTURAL ABBREVIATIONS

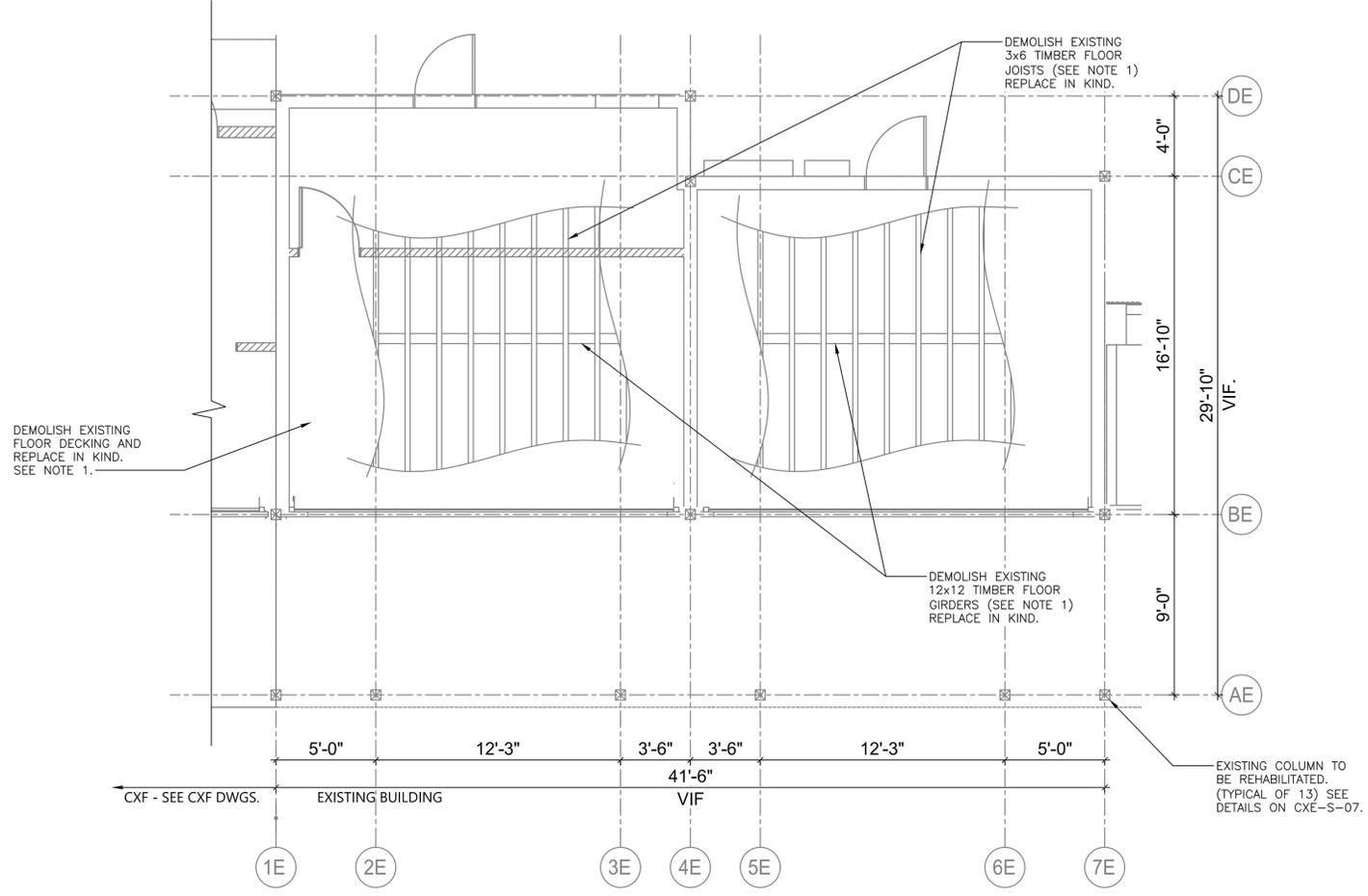
SYMBOLS

AB	ANCHOR BOLT	GA	GAUGE	R	RISER
ADDL	ADDITIONAL	GALV	GALVANIZE	RAD	RADIUS
ADH	ADHESIVE	GB	GRADE BEAM	RCP	REINFORCED CONCRETE PIPE
ADJ	ADJUSTABLE/ADJACENT	GR	GRADE	RD	ROOF DRAIN
AFF	ABOVE FINISHED FLOOR	GRTG	GRATING	REINF	REINFORCEMENT
AGG	AGGREGATE	HGT	HEIGHT	RECT	RECTANGULAR
AL	ALUMINUM	HORZ	HORIZONTAL	REM	REMOVE
ALT	ALTERNATE	HP	HIGH POINT	REQD	REQUIRED
APPROX	APPROXIMATE	HSS	HOLLOW STRUCTURAL STEEL	RF	ROOF
ARCH	ARCHITECTURAL			RO	ROUGH OPENING
AVG	AVERAGE	ID	INSIDE DIAMETER	S	SOUTH
B	BORING	IF	INSIDE FACE	SCHED	SCHEDULE
BLDG	BUILDING	IN	INCH	SECT	SECTION
BM	BEAM/BENCH MARK	INCL	INCLUDE	SF	SQUARE FEET
BOF	BOTTOM OF FOOTING	INT	INTERIOR	SHT	SHEET
BOS	BOTTOM OF STEEL	INV	INVERT	SIM	SIMILAR
BOT	BOTTOM	J	JOIST	SJ	STEEL JOIST
BRG	BEARING	JB	JUNCTION BOX	SPEC	SPECIFICATION
BT	BOLT	JCT	JUNCTION	SQ	SQUARE
C	CHANNEL	JT	JOINT	SS	STAINLESS STEEL
C TO C	CENTER TO CENTER	L	LENGTH/ANGLE	STA	STATION
CANT	CANTILEVER	LF	LINEAR FEET	STD	STANDARD
CJ	CONSTRUCTION JOINT	LG	LONG	STR	STAIR
CL	CENTER LINE	LL	LONG LEG	STIF	STIFFENER
CLR	CLEAR	LLH	LONG LEG HORIZONTAL	STR	STIRRUP
CMU	CONCRETE MASONRY UNIT	LLV	LONG LEG VERTICAL	STL	STEEL
CO	CLEAN OUT	LOC	LOCATION	STRUC	STRUCTURAL
COL	COLUMN	LP	LOW POINT	SUB	SUBSTITUTE
CONC	CONCRETE	LVR	LOUVER	SYM	SYMMETRICAL
CONST	CONSTRUCTION	LWL	LOW WATER LEVEL	T	TREAD
CONT	CONTINUOUS	MAS	MASONRY	T&B	TOP AND BOTTOM
CONTR	CONTRACTOR	MATL	MATERIAL	T&G	TONGUE AND GROOVE
CP	CONCRETE PLANK	MAX	MAXIMUM	TAN	TANGENT
CLJ	CONTROL JOINT	MECH	MECHANICAL	TEMP	TEMPERATURE
CTR	CENTER	MET	METAL	THK	THICK
CY	CUBIC YARD	MFR	MANUFACTURER	TOC	TOP OF CURB/CONCRETE
DET	DETAIL	MG	MILLION GALLONS	TOD	TOP OF DECK
DIA (Ø)	DIAMETER	MGD	MILLION GALLONS PER DAY	TOF	TOP OF FOOTING
DIAG	DIAGONAL	MH	MANHOLE	TOM	TOP OF MASONRY/MANHOLE
DIM	DIMENSION	MIN	MINIMUM	TOS	TOP OF SLAB/STEEL
DIST	DISTANCE	MISC	MISCELLANEOUS	TOW	TOP OF WALL
DN	DOWN	MO	MASONRY OPENING	TYP	TYPICAL
DO	DITTO	MOD	MODIFY/MODIFIED	UNO	UNLESS NOTED OTHERWISE
DP	DEEP	MTD	MOUNTED	VERT	VERTICAL
DWG	DRAWING	N	NORTH	W	WEST/WIDTH/WIDE FLANGE
DWL	DOWEL	NA	NOT APPLICABLE	W/	WITH
E	EAST	NIC	NOT IN CONTRACT	W/O	WITHOUT
EA	EACH	NO	NUMBER	WL	WATER LEVEL
EF	EACH FACE	NOM	NOMINAL	WP	WATERPROOF/WALL PIPE
EL	ELEVATION	NTS	NOT TO SCALE	WPT	WALL PENETRATING TYPE
ELEV	ELEVATOR	OC	ON CENTER	WS	WATER SURFACE
ENGR	ENGINEER	OD	OUTSIDE DIAMETER	WT	WEIGHT
EMB	EMBEDMENT	OF	OUTSIDE FACE	WWF	WELDED WIRE FABRIC
ENCL	ENCLOSURE	OPNG	OPENING	YD	YARD
ENT	ENTRANCE	OPP	OPPOSITE	YR	YEAR
EQ	EQUAL	OT	OPEN TRUSS		
EQPT	EQUIPMENT	OVHD	OVERHEAD		
EW	EACH WAY	PAR	PARALLEL		
EXIST	EXISTING	PC	POINT OF CURVE/PIECE		
EXP	EXPANSION	PCO	PILE CUT OFF		
EXP JT	EXPANSION JOINT	PI	POINT OF INTERSECTION		
EXT	EXTERIOR	PL	PLATE/PROPERTY LINE		
FAB	FABRICATE	PREFAB	PREFABRICATED		
FD	FLOOR DRAIN	PSF	POUNDS PER SQUARE FOOT		
FDN	FOUNDATION	PSI	POUNDS PER SQUARE INCH		
FFL	FINISH FLOOR	PT	POINT OF TANGENCY		
FIN	FINISH	PTN	PARTITION		
FLR	FLOOR	PVMT	PAVEMENT		
FT	FEET	QTY	QUANTITY		
FTG	FOOTING				
F&C	FRAME&COVER				
F&G	FRAME&GRATE				

	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

Drawing Name: C:\Savin\Autocad\2060\25-Playland-Mega-3\1\1\CXES-1002.dwg
 Be sure to check the title block for all information. This drawing is for design and construction purposes only. All information should be made to NYC Environmental Protection, Bureau of Engineering, Design and Construction.
 Printed by: Savin Engineers, P.C. on 8/23/2022 at 10:46 AM. Designed by: ---

CONSULTANT INFORMATION 	CONSULTANT SEAL 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">REVISION NUMBER</td> <td style="width: 10%;">DATE</td> <td style="width: 10%;">MADE BY</td> <td style="width: 10%;">APP'D BY</td> <td style="width: 10%;">REVISION</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION						RECORD DRAWING CERTIFICATION <input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES <hr/> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> CONTRACTOR NAME _____ SIGNATURE _____ TITLE _____ DATE _____ </td> <td style="width: 50%;"> PROJECT COORDINATOR NAME _____ SIGNATURE _____ TITLE _____ DATE _____ </td> </tr> </table>	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 - PHASE 3 PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING E STRUCTURAL ABBREVIATIONS AND SYMBOLS	CONTRACT NUMBER 22-523	SHEET NUMBER CXE-S-02
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION														
CONTRACTOR NAME _____ SIGNATURE _____ TITLE _____ DATE _____	PROJECT COORDINATOR NAME _____ SIGNATURE _____ TITLE _____ DATE _____																	
				DWG NO.: 283 of 664 SCALE: AS SHOWN		DATE: 8/23/ 2022												
				DPW FILE NUMBER 1-118-S-1032-0		REV. NO. 0												



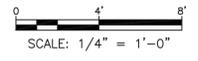
DEMOLITION - GROUND FLOOR PLAN
1/4" = 1'-0"

NOTES:

- REHABILITATION OF THE CROSS AXIS BUILDING E INCLUDES VARIOUS ELEMENTS SLATED FOR REMOVAL AND REPLACEMENT IN-KIND FOR DETERIORATED MEMBERS. CONTRACTOR IS TO ALERT THE 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 WORK, THE ENGINEER WILL PROVIDE TO THE CONTRACTOR IN WRITING THE DEFINED LIMITS OF REPLACEMENT WORK. REHABILITATION WORK FOR VARIOUS ELEMENTS SHALL BE PERFORMED PER DETAILS AND SEQUENCES AS OUTLINED ON DRAWINGS, CXE-S-03, CXE-S-04, CXE-S-05, CXE-S-06 & CXE-S-07. FOR THE PURPOSES OF BIDDING, CONTRACTOR SHALL INCLUDE IN THEIR BID THE QUANTITIES FOR EACH ELEMENT AS MENTIONED BELOW.

STRUCTURAL ELEMENTS TO BE REPAIRED/REPLACED	QUANTITY	UNITS	REMARKS
12" x 12" TIMBER FLOOR GIRDERS	4	EA	APPROXIMATELY 21 FT LONG EACH
3" x 6" TIMBER FLOOR JOISTS	20	EA	APPROXIMATELY 22 FT LONG EACH
1" x 6" TIMBER FLOOR DECKING	530	SF	

NOTE THAT FLOOR GIRDERS AND FLOOR JOIST LOCATIONS MAY BE ANYWHERE WITHIN THE LIMITS OF THE EXISTING FLOOR DECKING. COSTS FOR REMOVAL AND REINSTALLATION OF EXISTING FLOOR DECKING IN ORDER TO ACCESS GIRDERS AND JOISTS SHALL BE DEEMED INCLUDED IN THE CONTRACTOR BID. EXECUTIONS OF THE ABOVE REHABILITATING WORK SHALL BE COORDINATED WITH OVERALL CONSTRUCTION SEQUENCE AND PHASING. SEE SPECIFICATION. FOR TYPICAL DETAILS OF FLOOR/GIRDER FRAMING AND CONNECTIONS, SEE DRAWING CXE-S-06 & CXE-S-07.



Drawing Name: C:\Savin\Avesad\2060\25-Playland-Mega-3\5\CXES-1003.dwg
 Project: 211001F02
 Printed by: BKittling Date: 15 August 2022 9:46 AM Designed by: ---
 xrefs: [1B_24A36_WestchesterCo_3.dwg] [TSC-SULOGO.dwg] [CXE-A-01.dwg] [CXE-S-1001.dwg]



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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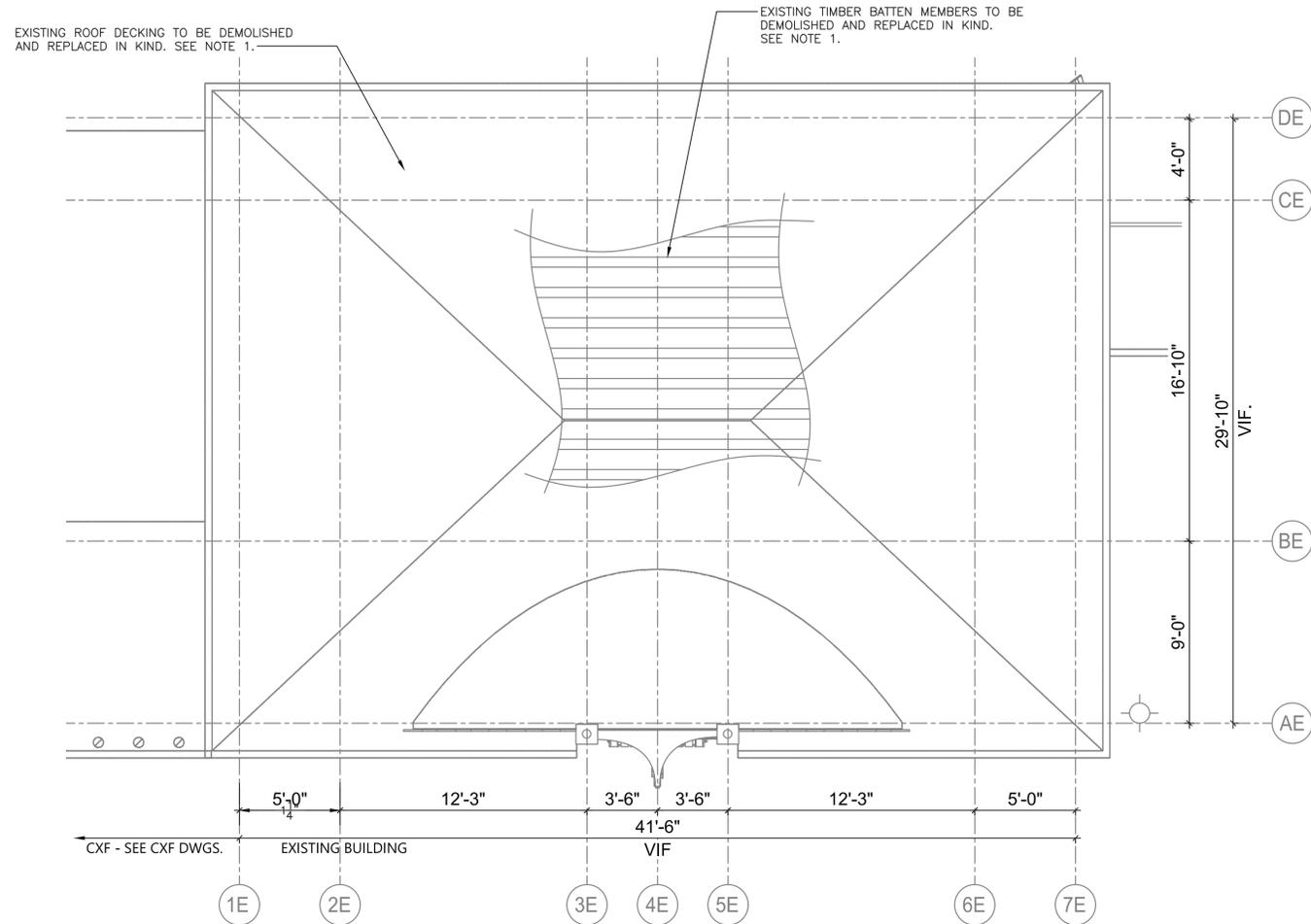
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
DEMOLITION - GROUND FLOOR PLAN

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-S-03
DWG NO.: 284 of 664	SCALE: AS SHOWN
DATE: 8/23/ 2022	REV. NO. 0
DPW FILE NUMBER 1-118-S-1033-0	



NOTES:

- REHABILITATION OF THE CROSS AXIS BUILDING E INCLUDES VARIOUS ELEMENTS SLATED FOR REMOVAL AND REPLACEMENT IN-KIND FOR DETERIORATED MEMBERS. CONTRACTOR IS TO ALERT THE 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 WORK, THE ENGINEER WILL PROVIDE TO THE CONTRACTOR IN WRITING THE DEFINED LIMITS OF REPLACEMENT WORK. REHABILITATION WORK FOR VARIOUS ELEMENTS SHALL BE PERFORMED PER DETAILS AND SEQUENCES AS OUTLINED ON DRAWINGS, CXE-S-03, CXE-S-04, CXE-S-05, CXE-S-06 & CXE-S-07. FOR THE PURPOSES OF BIDDING, CONTRACTOR SHALL INCLUDE IN THEIR BID THE QUANTITIES FOR EACH ELEMENT AS MENTIONED BELOW.

STRUCTURAL ELEMENTS TO BE REPAIRED/REPLACED	QUANTITY	UNITS	REMARKS
1" x 4" TIMBER BATTEN MEMBER	10	EA	APPROXIMATELY 10 FT LONG EACH
1" ROOF SHEATHING	100	SF	

NOTE THAT FLOOR GIRDERS AND FLOOR JOIST LOCATIONS MAY BE ANYWHERE WITHIN THE LIMITS OF THE EXISTING FLOOR DECKING. COSTS FOR REMOVAL AND REINSTALLATION OF EXISTING FLOOR DECKING IN ORDER TO ACCESS GIRDERS AND JOISTS SHALL BE DEEMED INCLUDED IN THE CONTRACTOR BID. EXECUTIONS OF THE ABOVE REHABILITATING WORK SHALL BE COORDINATED WITH OVERALL CONSTRUCTION SEQUENCE AND PHASING. SEE SPECIFICATION.

DEMOLITION - ROOF PLAN
1/4" = 1'-0"



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 Project: 211001F02_Consultants
 Printed by: BK/Title Date: 15 August 2022 9:46 AM Designed by: ---
 xrefs: [IB_24436_WestchesterCo_3.dwg] [TSC-SILCO.dwg] [CXE-A-02.dwg] [CXE-S-1007.dwg]



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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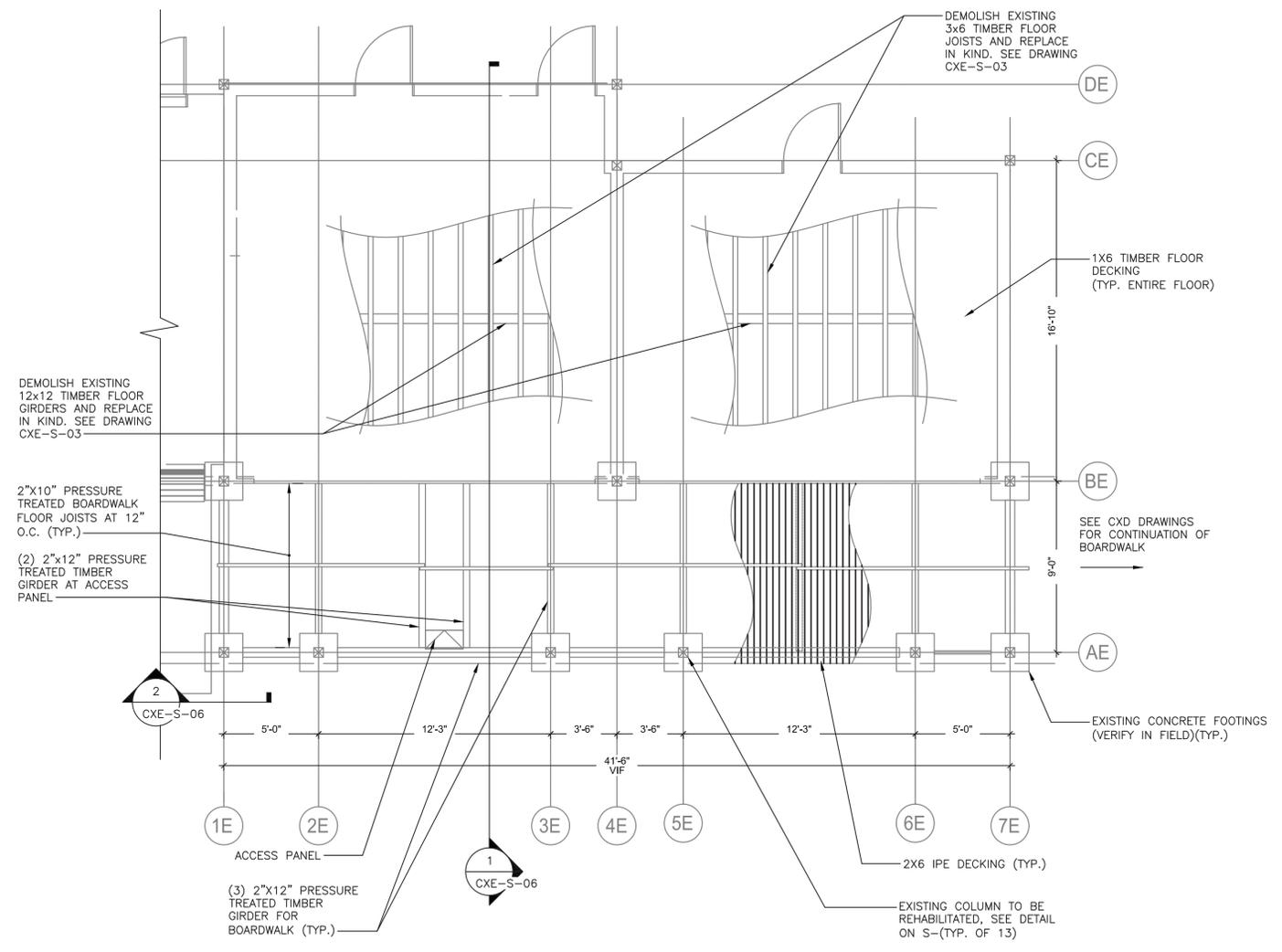
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SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
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DATE _____	DATE _____	DATE _____	DATE _____

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

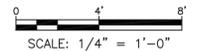
INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
DEMOLITION - ROOF PLAN

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-S-04
DWG NO.: 285 of 664	SCALE: AS SHOWN
DATE: 8/23/ 2022	REV. NO. 0
DPW FILE NUMBER 1-118-S-1034-0	

- NOTES:
- FOR STRUCTURAL NOTES, SEE DRAWING CXE-S-01.
 - FOR STRUCTURAL ABBREVIATIONS AND SYMBOLS, SEE DRAWING CXE-S-02.



CXE GROUND FLOOR PLAN
1/4" = 1'-0"



Drawing Name: C:\Savin\Projects\2060\25_Playland-Mega-3\5\CXES-1012.dwg
 Project: 211001F02_Consultants
 Printed by: BKittling Date: 15 August 2022 9:46 AM Designed by: ---
 xrefs: [B_24436_WestchesterCo_3.dwg] [TSC-SILCO.dwg] [CXE-A-11.dwg] [CXE-S-1005.dwg]



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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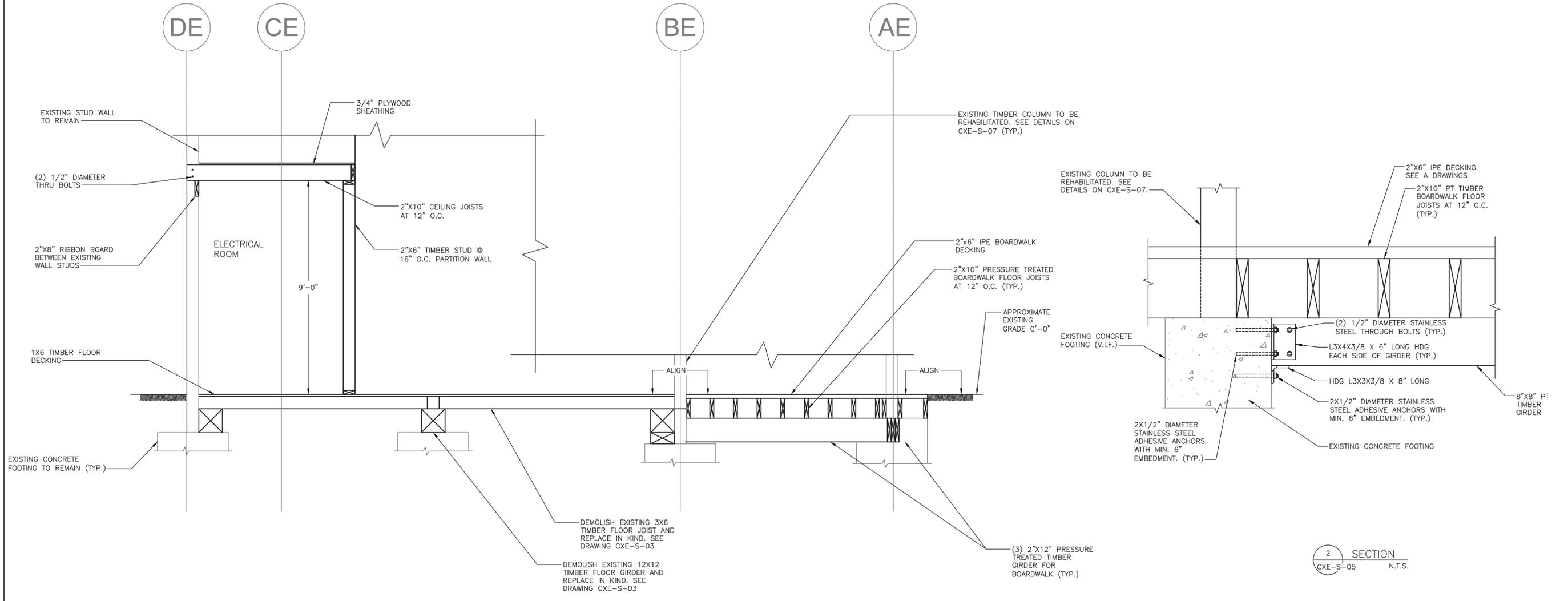
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 AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
GROUND FLOOR PLAN

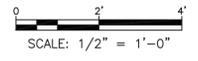
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DWG NO.: 206 of 664	SCALE: AS SHOWN
DATE: 8/23/ 2022	REV. NO. 0
DPW FILE NUMBER 1-118-S-1035-0	

- NOTES:
- FOR STRUCTURAL NOTES, SEE DRAWING CXE-S-01.
 - FOR STRUCTURAL ABBREVIATIONS AND SYMBOLS, SEE DRAWING CXE-S-02.



1 SECTION
CXE-S-05 1/2" = 1'-0"

2 SECTION
CXE-S-05 N.T.S.



Drawing Name: C:\Savin\Projects\2060\25-Playland-Mega-3\5\CXES-1013.dwg
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 Printed by: BKittelle Date: 15 August 2022 9:47 AM Designed by: ---
 xrefs: [IB_24x36_WestchesterCo_3.dwg] [TSC-SILCO.dwg] [CXE-A-31.dwg] [CXE-S-1005.dwg]



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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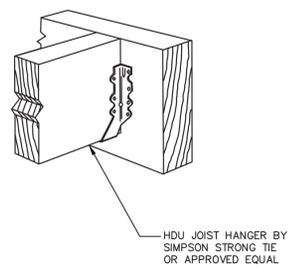
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

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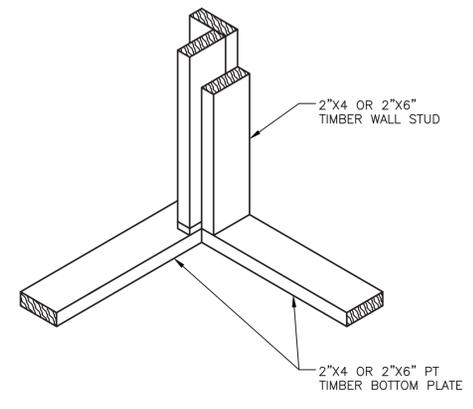
WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION - PHASE 3
 PLAYLAND PARK, RYE, NEW YORK
 CROSS AXIS BUILDING E
 SECTIONS**

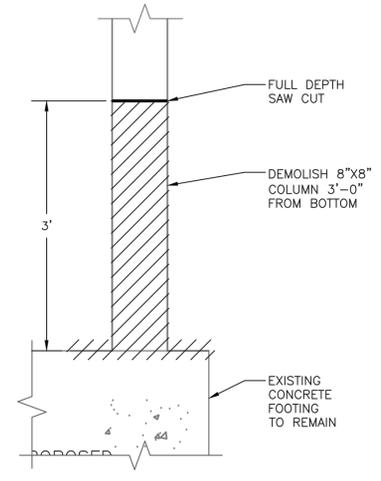
CONTRACT NUMBER 22-523	SHEET NUMBER CXE-S-06
DWG NO.: 287 of 664	SCALE: AS SHOWN
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-S-1036-0	



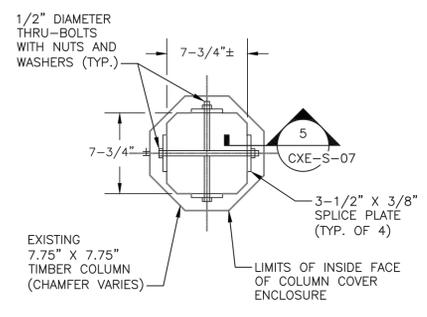
2 FACE MOUNTED JOIST HANGER
1 1/2" = 1'-0"



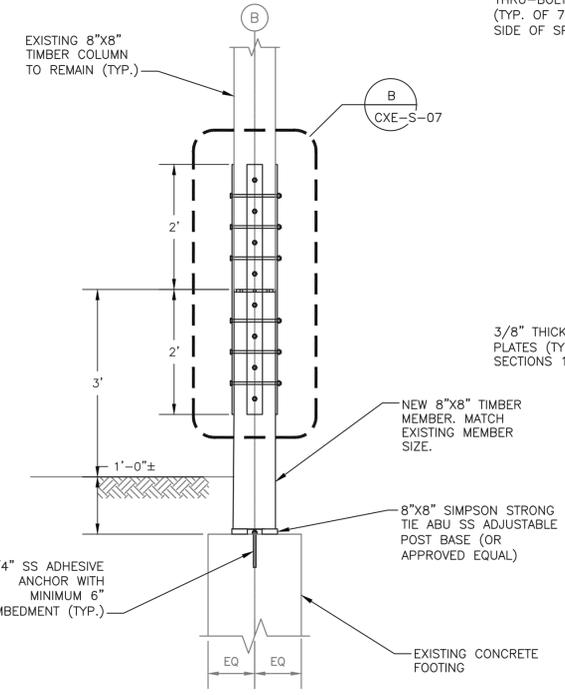
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N.T.S.



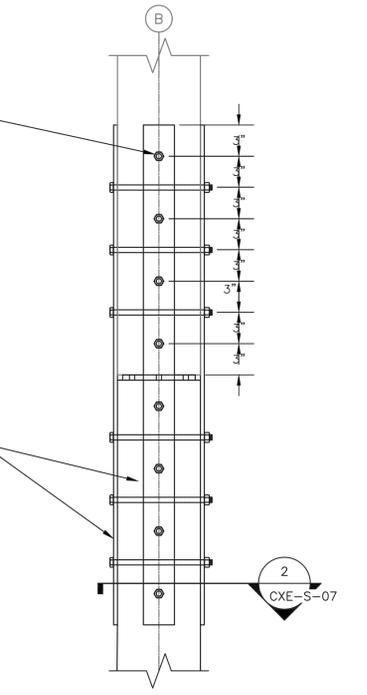
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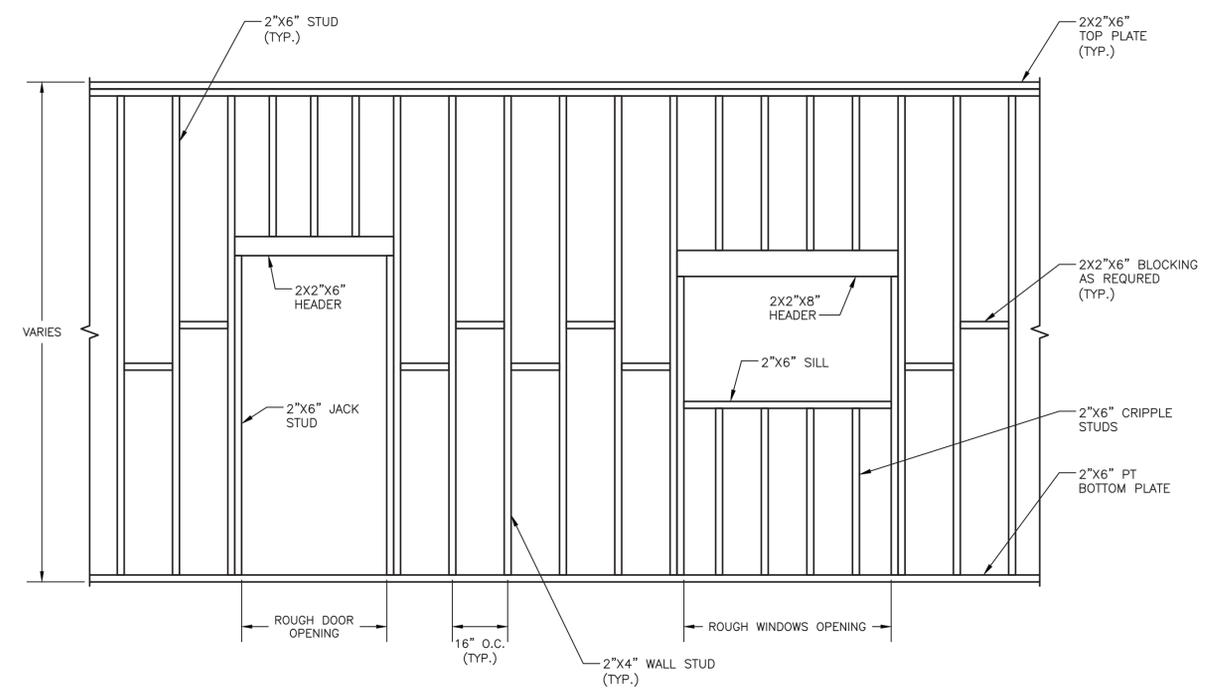
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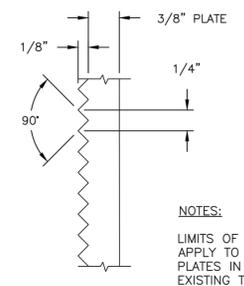
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SCALE: 3/4" = 1'-0"



B DETAIL
CXE-S-07 SCALE: 1 1/2" = 1'-0"



F DETAIL WALL ELEVATION
N.T.S.



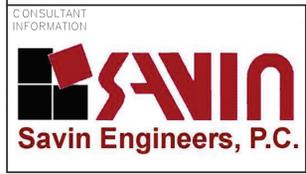
5 SECTION
CXE-S-07 SCALE: N.T.S.

NOTES:
LIMITS OF KNURLING SHALL APPLY TO FACE OF ALL SPLICE PLATES IN CONTACT WITH EXISTING TIMBER COLUMN. KNURLING SHALL RUN AXIALLY AND HORIZONTALLY.

- NOTES:
- FOR STRUCTURAL NOTES, SEE DRAWING CXE-S-01.
 - FOR STRUCTURAL ABBREVIATIONS AND SYMBOLS, SEE DRAWING CXE-S-02.

- COLUMN REPAIR NOTES:
- CONTRACTOR SHALL SUBMIT A COLUMN REPAIR SEQUENCE OF CONSTRUCTION TO ENGINEER FOR REVIEW. THE FOLLOWING SHALL BE THE MINIMUM REQUIRED.
- TEMPORARY SHORING AT EACH COLUMN LOCATION SHALL HAVE A MINIMUM 10-TON CAPACITY.
 - COLUMN REPAIR SHALL BE LIMITED TO MAXIMUM 2 COLUMNS AT A TIME. COLUMNS UNDER REPAIR MUST NOT BE ADJACENT TO EACH OTHER.
 - ALL HARDWARE SHALL BE TYPE 316 STAINLESS STEEL, UNLESS OTHERWISE NOTED.

Drawing Name: C:\Savin\Projects\2060\25-Playland-Mega-3\5\CXES-1010.dwg
 Project: 211001F02 Clients:
 Printed by: BKittling Date: 15 August 2022 9:48 AM Designed by: -----
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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

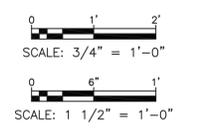
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

**INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK**

**CROSS AXIS BUILDING E
SECTIONS AND DETAILS**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-S-07
DWG NO.: 288 of 604	SCALE: AS SHOWN
DATE: 8/23/ 2022	REV. NO. 0
DPW FILE NUMBER 1-118-S-1037-0	



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
⊙			REFER TO SUPPLEMENTAL FIGURE INDICATED BY NUMBER (I.E. F2 REFERS TO FIGURE 2)
⊙			EQUIPMENT TAG
⊙			EQUIPMENT NUMBER
⊙			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
0	RELIABLE	F1FR	DRY ORDINARY UPRIGHT SPRINKLER HEAD	5.6	31

ABBREVIATION	DRAWING NOTATIONS
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

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:
 - 2020 BUILDING CODE OF NEW YORK STATE
 - 2016 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 1/2 IN.	5 SPRINKLERS	1 1/2 IN.	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
2016 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 NFPA 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).

50. PERMIT IS REQUIRED PRIOR TO INSTALLATION. TO INCLUDE SIGNED AND SEALED SHOP DRAWINGS, HYDRAULIC CALCULATION, SHOP DRAWINGS, MANUFACTURERS INFORMATION ON HEADS AND APPLIANCES, COMPLIANCE WITH NFPA 13 AND SECTION 903 2020 NYSBC/FC.

FIRE PROTECTION DRAWING LIST

SHEET NO.	SHEET NAME	REVISION NO.	REVISION DATE
CXE-FP-01	FIRE PROTECTION NOTES, SYMBOLS, ABBREVIATIONS, AND DRAWING LIST	0	-
CXE-FP-11	FIRE PROTECTION GROUND FLOOR AND ATTIC DEMOLITION PLAN	0	-
CXE-FP-21	FIRE PROTECTION GROUND FLOOR AND ATTIC CONSTRUCTION RCP	0	-
CXE-FP-81	FIRE PROTECTION DETAILS	0	-

CONSULTANT INFORMATION



CONSULTANT SEAL



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

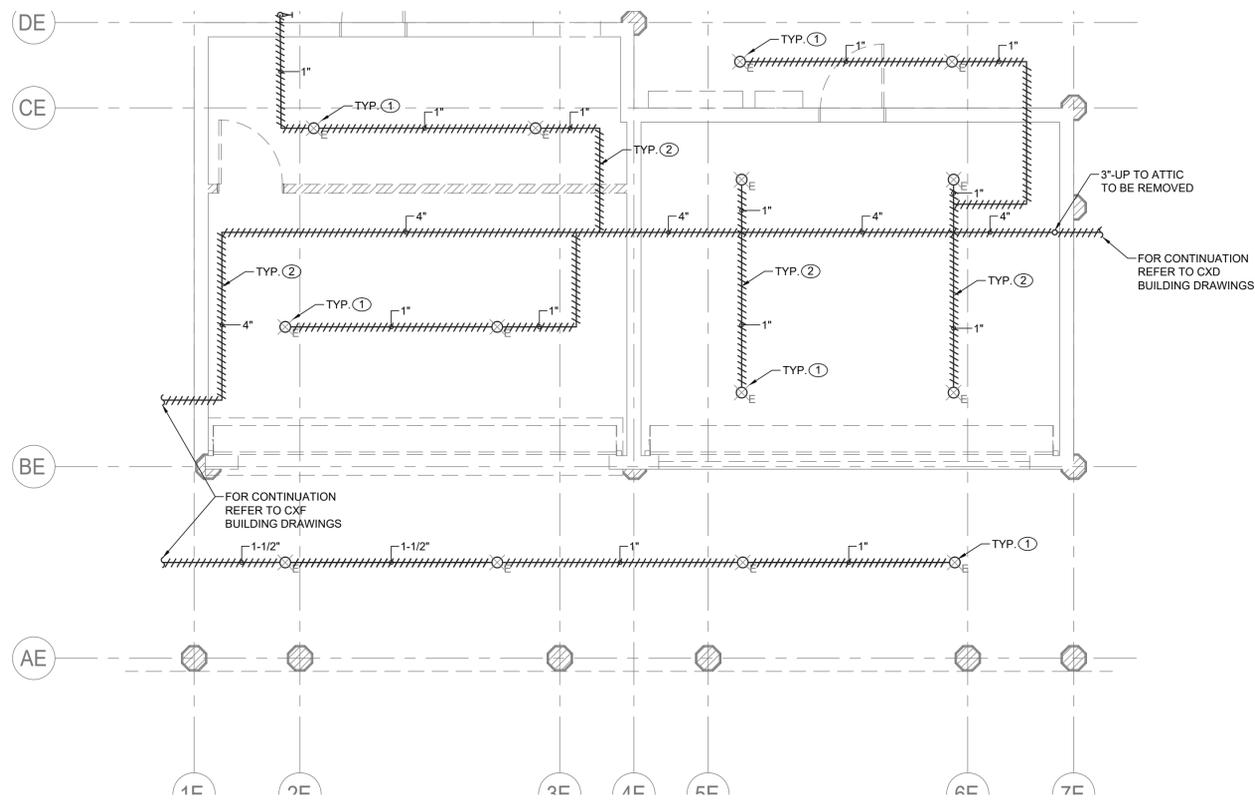
CONTRACTOR
NAME _____
SIGNATURE _____
TITLE _____ DATE _____

PROJECT COORDINATOR
NAME _____
SIGNATURE _____
TITLE _____ DATE _____

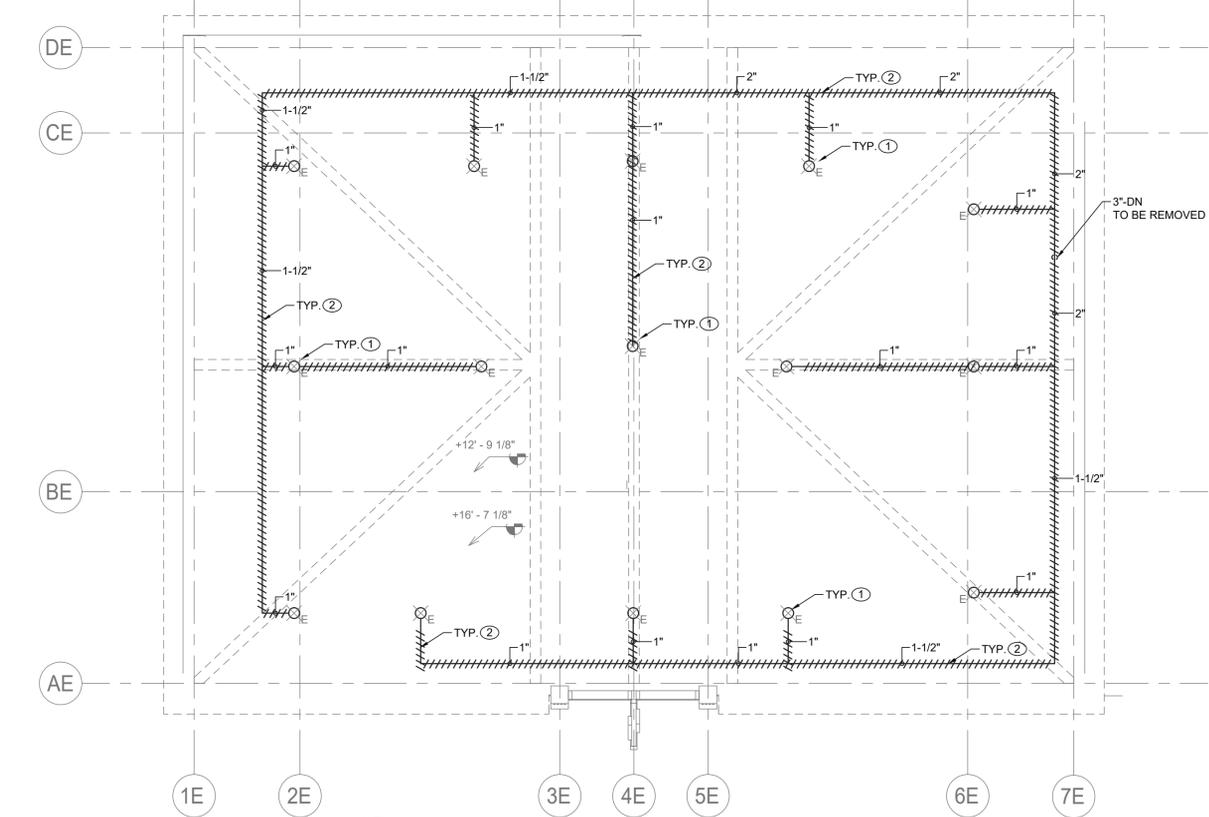
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
FIRE PROTECTION NOTES, SYMBOLS, ABBREVIATIONS & DWG LIST

CONTRACT NUMBER	SHEET NUMBER
22-523	CXE-FP-01
DWG NO.: 289 of 664	
SCALE: AS INDICATED	
DATE: 08/23/2022	
DPW FILE NUMBER	REV. NO.
1-118-FP-1038-0	0



FIRE PROTECTION GROUND FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



FIRE PROTECTION ATTIC DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

SPRINKLER DEMOLITION NOTES:

- ① DEMOLISH ALL EXISTING SPRINKLER HEADS WITHIN THE CXE BUILDING.
- ② DEMOLISH ALL EXISTING DRY SPRINKLER PIPING WITHIN THE CXE BUILDING INCLUDING ATTIC SPACE.

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 DEPENDENT BUILDINGS BY THE DEMOLITION AND CONSTRUCTION WORK 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.

CONSULTANT INFORMATION

LiRo Engineers, Inc.
A LiRo Group Company
Syosset, N.Y. 516-214-8157

CONSULTANT SEAL

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

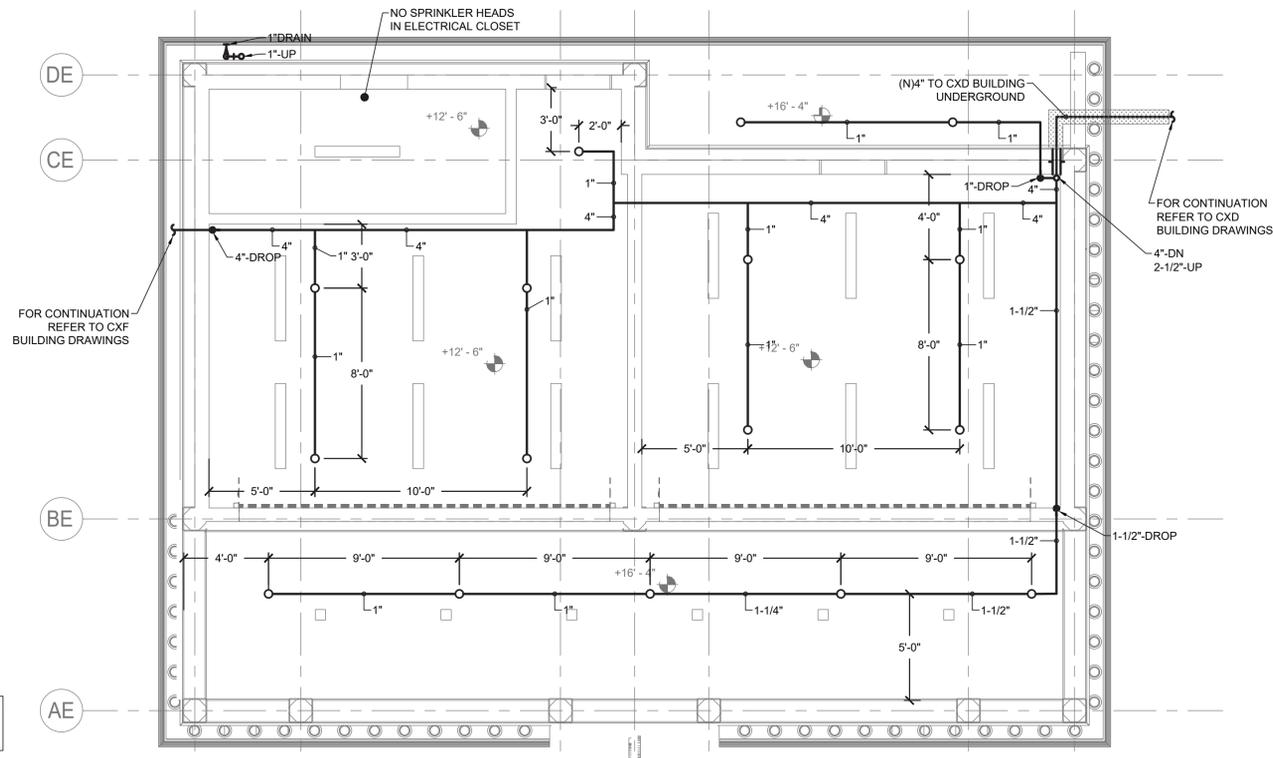
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CONTRACTOR	PROJECT COORDINATOR
NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____
TITLE _____ DATE _____	TITLE _____ DATE _____

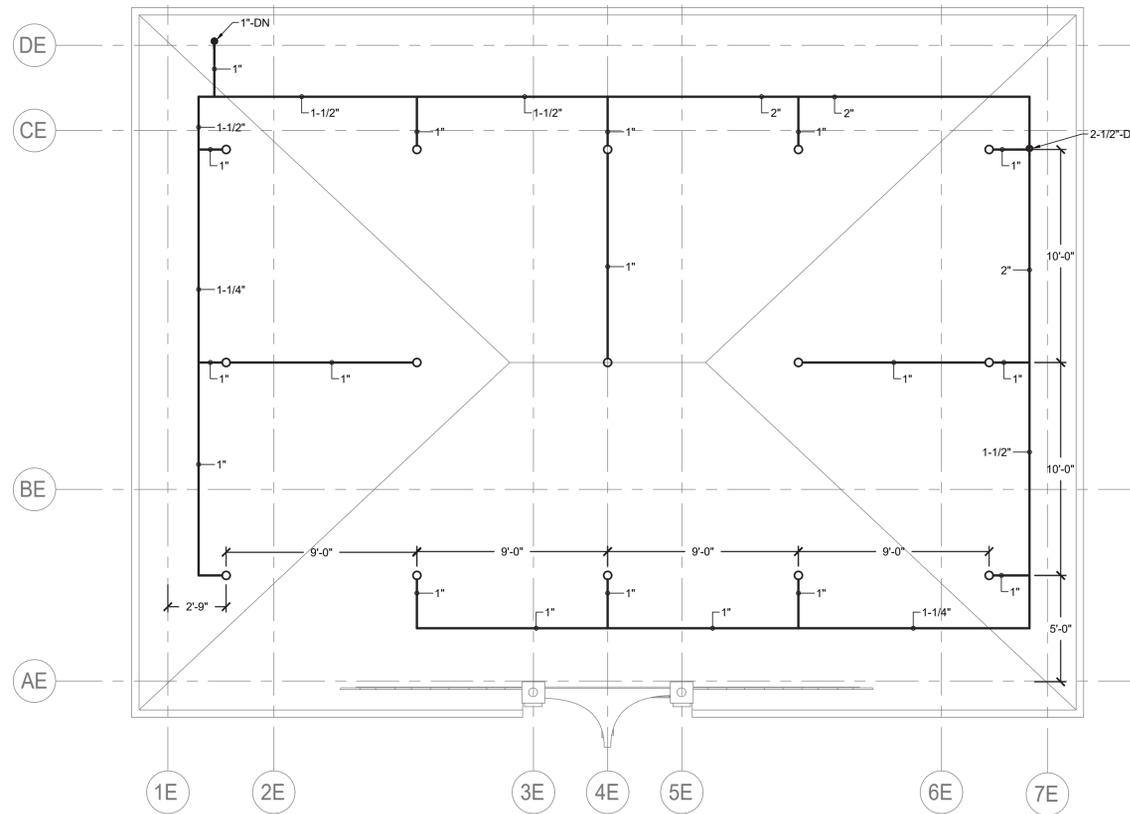
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
FIRE PROTECTION GROUND FLOOR AND ATTIC DEMOLITION PLAN

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-FP-11
DWG NO.: 290 of 664	
SCALE: AS INDICATED	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-FP-1039-0	REV. NO. 0



FIRE PROTECTION GROUND FLOOR CONSTRUCTION RCP
SCALE: 1/4" = 1'-0"



FIRE PROTECTION ATTIC CONSTRUCTION RCP
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. ALL DISTRIBUTION PIPING, SHALL BE PAINTED. 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 RISE 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. PROVIDE REQUIRED PITCH AND DRAINS FOR DRY SPRINKLER PIPING FOR FULL WATER REMOVAL FROM THE SYSTEM.

NOTE:
REFER TO PLUMBING DRAWINGS OF CXF
BUILDING FOR DOMESTIC WATER SCOPE

CONSULTANT INFORMATION



CONSULTANT SEAL



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

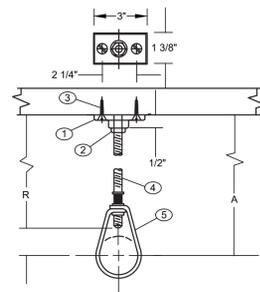
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CONTRACTOR: NAME _____ SIGNATURE _____ TITLE _____ DATE _____
PROJECT COORDINATOR: NAME _____ SIGNATURE _____ TITLE _____ DATE _____

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

INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
FIRE PROTECTION GROUND FL. AND ATTIC CONSTRUCTION RCP

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-FP-21
DWG NO.: 291 of 664	
SCALE: AS INDICATED	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-FP-1040-0	REV. NO. 0



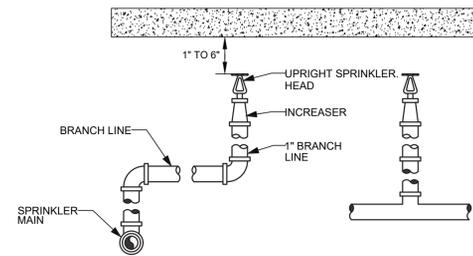
- COMPONENTS**
1. CLIP (CEILING FLANGE)
 2. HEX NUT
 3. WOOD SCREW
 4. HANGER ROD
 5. ADJUSTABLE HANGER RING

- 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

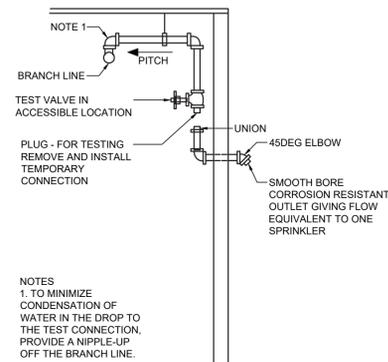
DESIGN DATA FOR CLIP HANGERS

NOMINAL PIPE SIZE	MINIMUM A DIMENSION INCHES	HANGER TAKEOUT INCHES	ROD DIAMETER INCHES	FASTENERS	
				QTY	ITEMS
1/2	3 3/4	-1 1/4	3/8	1	3/8" CEILING FLANGE (CLIP)
				2	NO. 18 X 1 1/2" FLAT HEAD WOOD SCREWS
				1	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	"		"

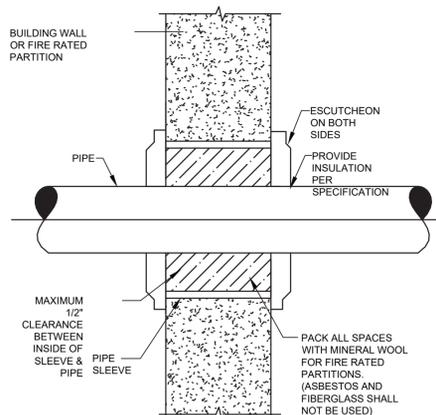
1 PIPE HANGER DETAIL
FP-81 SCALE: NOT TO SCALE



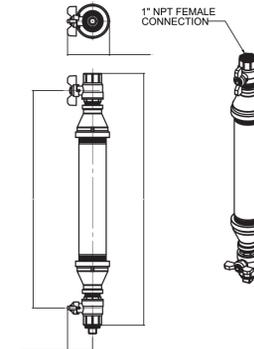
2 UPRIGHT SPRINKLER DETAIL
FP-81 SCALE: NOT TO SCALE



3 DRY PIPE TEST CONNECTION
FP-81 SCALE: NOT TO SCALE



4 PIPE PENETRATION
FP-81 SCALE: NOT TO SCALE



5 DRY SYSTEM AUXILIARY DRAIN
FP-81 SCALE: NOT TO SCALE

CONSULTANT INFORMATION



CONSULTANT SEAL



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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CONTRACTOR: NAME _____ SIGNATURE _____ DATE _____ TITLE _____

PROJECT COORDINATOR: NAME _____ SIGNATURE _____ DATE _____ TITLE _____

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

INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
FIRE PROTECTION DETAILS

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-FP-81
DWG NO.: 292 of 664	
SCALE: AS INDICATED	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-FP-1041-0	REV. NO. 0

MECHANICAL GENERAL NOTES

- 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.
- DO NOT SCALE FROM THESE DRAWINGS.
- 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.
- VERIFY ALL EQUIPMENT VOLTAGES WITH THE ELECTRICAL DESIGN PRIOR TO ORDERING EQUIPMENT.
- PROVIDE PHASE LOSS PROTECTION FOR ALL POLY-PHASE MOTOR DEVICES.
- 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.
- 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.
- 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.
- PROVIDE FLEXIBLE CONNECTORS AT ALL DUCT CONNECTIONS TO VIBRATING EQUIPMENT. THESE CONNECTORS SHALL BE INSTALLED IN CLOSE PROXIMITY TO SUCH EQUIPMENT.
- 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. CONTRACTOR MUST FULLY REVIEW ALL ARCHITECTURAL AND ENGINEERING DRAWINGS AND VISIT THE SITE PRIOR TO SUBMITTING THE BID. NO EXTRAS WILL BE ALLOWED.
- ALL ACCESS DOORS REQUIRED IN GENERAL CONSTRUCTION ARE TO BE PROVIDED AND INSTALLED BY THE CONTRACTOR. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY SIZE, TYPE AND LOCATION OF SUCH DOORS FOR PROPER ACCESS TO ALL CONCEALED HVAC EQUIPMENT, VALVES AND OTHER RELATED EQUIPMENT. THE CONTRACTOR SHALL IDENTIFY THESE REQUIREMENTS ON A COORDINATED SHOP DRAWING PRIOR TO SYSTEM FABRICATION AND INSTALLATION.
- 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.
- 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 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.
- 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. THE CONTRACTOR 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 CONTRACTOR MUST PROVIDE ALL CONTROL WIRING CONDUIT, IN AREAS OF DROPPED CEILING PLENUM RATED CONTROL WIRING CAN BE RUN EXPOSED ABOVE CEILING.
- 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 ENERGY CONSERVATION CODE

MECHANICAL DEMOLITION NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION OF MECHANICAL EQUIPMENT AND MATERIAL RELATING TO THEIR RESPECTIVE TRADE.
- 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.
- EXECUTE THE DEMOLITION IN CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE DISTURBANCE TO THE PUBLIC, EGRESS OR THE FUNCTIONING OF THE EXISTING BUILDING.
- TAKE NECESSARY PRECAUTIONS TO PREVENT DUST AND DIRT FROM RISING BY WETTING DEMOLISHED DEBRIS. EXCESSIVE USE OF WATER WILL NOT BE PERMITTED.
- 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.
- 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.
- 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.
- 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.
- 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.
- PROVIDE ADEQUATE TEMPORARY SUPPORT FOR WORK TO REMAIN, TO PREVENT FAILURE. DO NOT ENDANGER OTHER WORK.
- PROTECTION: PROVIDE ADEQUATE PROTECTION WHERE REQUIRED FOR THE PRESENT BUILDING AND ITS CONTENTS. TEMPORARY DUSTPROOF BARRIERS AND BARRICADES SHALL BE ERRECTED WHERE REQUIRED FOR PROTECTION OF PERSONNEL. PROTECTION FROM DUST AND DIRT, FOR SECURITY, FIRE AND WEATHER PROTECTIVE REASONS.
- CONTRACTOR SHALL TAKE EVERY PRECAUTION AGAINST FIRE BY EMPLOYING FIRE DEPARTMENT TYPE HOSES AND PORTABLE FIRE EXTINGUISHERS AS REQUIRED BY OSHA AND/OR THE OWNERS INSURANCE UNDERWRITER.
- BEFORE STARTING DEMOLITION OPERATIONS, PROVIDE THE NECESSARY PROTECTIVE DEVICES, WHERE REQUIRED, AND IN STRICT ACCORDANCE WITH OSHA RULES AND REGULATIONS.
- 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.
- FIELD VERIFY DEMOLITION REQUIREMENTS AND EXISTING CONDITIONS. DEMOLITION NOTES ARE INDICATED IN NOTE FORM.
- 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 SWEEP CLEAN AT ALL TIMES.
- 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.

NYSECC ENERGY COMPLIANCE STATEMENT:

PER SECTION C101.7 OF THE 2020 NYSECC HISTORIC BUILDINGS ARE EXEMPT FROM THE REQUIREMENTS OF THE ENERGY CODE.

HVAC SYMBOL LIST

IDENTIFIER	DESCRIPTION
	NEW DUCTWORK OR PIPING
	EXISTING DUCTWORK OR PIPING TO BE REMOVED
	EXISTING DUCTWORK OR PIPING TO REMAIN
	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)
	VOLUME DAMPER
	BACKDRAFT DAMPER
	MOTOR OPERATED DAMPER
	EQUIPMENT TAG EQUIPMENT NUMBER
	DETAIL TAG/CALL OUT TAG MECHANICAL SHEET NUMBER
	THERMOSTAT
	EXHAUST GRILLE
	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
RGL	REFRIGERANT GAS LINE
RL	REFRIGERANT LIQUID LINE
RTU	ROOFTOP UNIT
SA	SUPPLY AIR
SD	SUPPLY DIFFUSER
TYP.	TYPICAL
VIF	VERIFY IN FIELD

SCOPE OF WORK

- DEMOLITION**
- REMOVE ONE (1) EXISTING WALL MOUNTED FAN AS INDICATED ON PLANS.

MECHANICAL DRAWING LIST

SHEET NO.	SHEET NAME	REVISION NO.	REVISION DATE
CXE-M-01	MECHANICAL NOTES, SYMBOLS & LEGENDS	0	-
CXE-M-11	MECHANICAL 1ST FLOOR DEMOLITION PLAN	0	-

CONSULTANT INFORMATION



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 - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
MECHANICAL NOTES, SYMBOLS AND LEGENDS

CONTRACT NUMBER

22-523

DWG NO.: 293 of 664

SCALE: AS INDICATED

DATE: 08/23/2022

DPW FILE NUMBER

1-118-M-1042-0

REV. NO.

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SHEET NUMBER

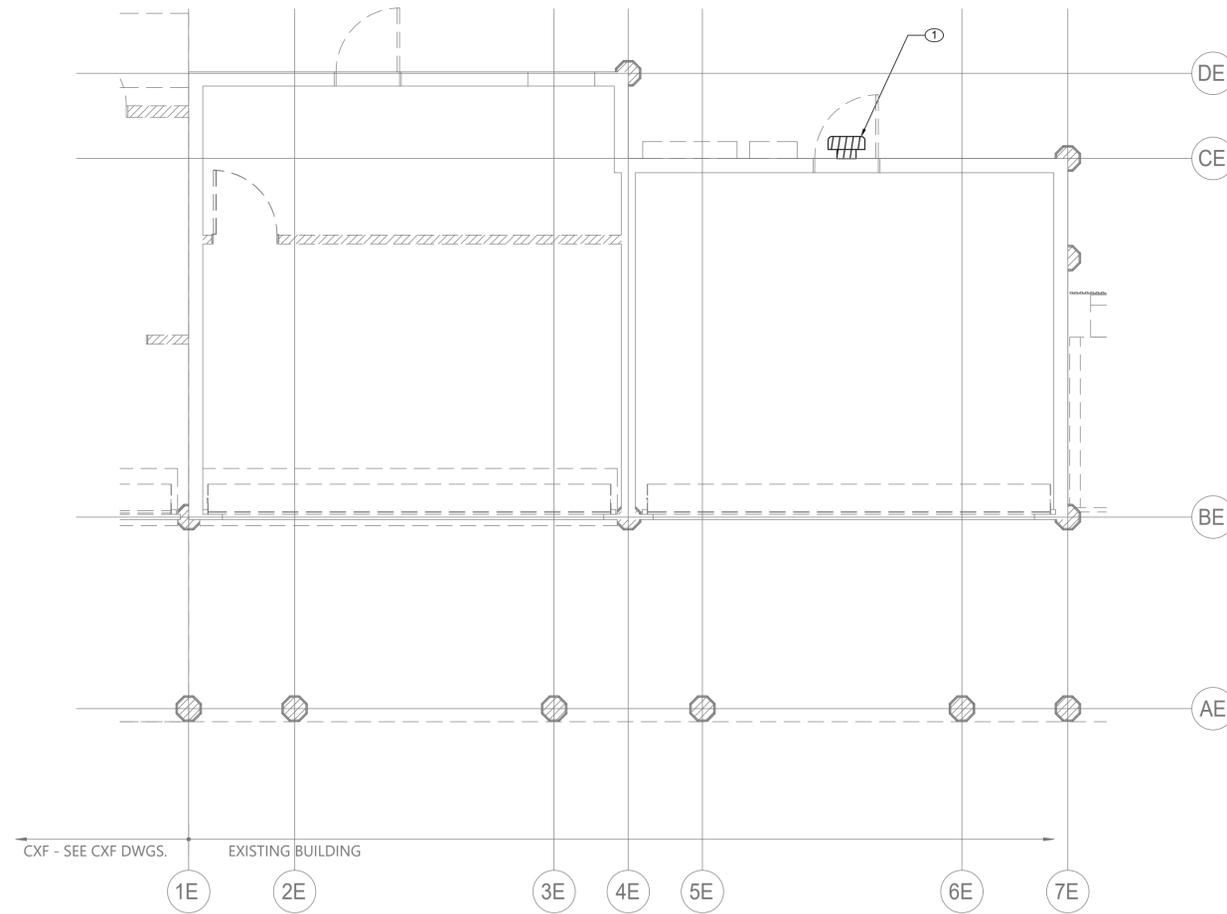
CXE-M-01

GENERAL NOTES:

1. RETURN REMOVED EXISTING EQUIPMENT TO OWNER IF IT IS IN WORKING CONDITION.
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.

MECHANICAL DEMOLITION NOTES:

- ① DEMOLISH EXISTING WALL MOUNTED PROPELLER FAN. COORDINATE REMOVAL OF ELECTRICAL POWER AND WIRING WITH ELECTRICAL CONTRACTOR. COORDINATE WITH GC TO SEAL EXISTING WALL PENETRATION.



MECHANICAL FIRST FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

CONSULTANT INFORMATION



CONSULTANT SEAL



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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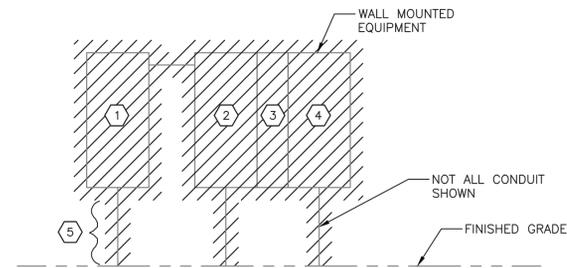
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

**INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
MECHANICAL FIRST FLOOR DEMOLITION PLAN**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-M-11
DWG NO.: 294 of 664	
SCALE: AS INDICATED	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-M-1043-0	REV. NO. 0



FRONT ELEVATION
N.T.S.

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. CONTRACTOR IS ADVISED THAT LOCATED ON THE SOUTH EXTERIOR ARE FOUR VERY OLD FUSED PANELBOARDS. ALL SHALL BE DISCONNECTED AND REMOVED.
3. ACTUAL FEEDER CIRCUITS ARE UNKNOWN AT THIS TIME. CONTRACTOR SHALL TRACE OUT ALL FEEDER CIRCUITS (UNDERGROUND), VERIFY POWER SOURCE (EITHER FROM LOCAL TRANSFORMER OR FROM QUAD #4 ELECTRICAL BUILDING. BE ADVISED PANELS ARE 20 FEET FROM TRANSFORMER AND 35 FEET FROM BUILDING. ONCE VERIFIED, ALL FEEDER CIRCUITS SHALL BE DISCONNECTED AND REMOVED. UNLESS NOTED OTHERWISE, ABANDON UNDERGROUND CONDUIT IN PLACE.
4. THERE ARE APPROXIMATELY 25 DISTRIBUTION CIRCUITS ASSOCIATED WITH PANEL "ARRAY". 90% ARE NO LONGER USED. HOWEVER, THERE COULD BE "LIVE" CIRCUITS THAT WILL NEED TO BE REPOWERED VIA NEW ELECTRICAL PANELS LOCATED IN THE NEW ELECTRICAL CLOSET. SEE DRAWING CXE-E-05 FOR ADDITIONAL INFORMATION.
5. CONTRACTOR SHALL DISCONNECT AND REMOVE ALL EXPOSED CONDUIT, JUNCTION BOXES, LIGHTS, ETC., MOUNTED TO BUILDING. ASSUME 100' OF CONDUIT.
6. CONTRACTOR IS ADVISED THAT THIS BUILDING DEMOLITION SHALL BE COORDINATED WITH BUILDING CXF.

KEY NOTES:

- ① DISCONNECT AND REMOVE 250A-208Y/120 VOLT PANELBOARD
- ② DISCONNECT AND REMOVE 200A-240 VOLT (DELTA) PANELBOARD.
- ③ DISCONNECT AND REMOVE SMALL PANEL AND ASSOCIATED RECEPTACLE. RATINGS UNKNOWN.
- ④ DISCONNECT AND REMOVE 400A-208Y/120 VOLT PANELBOARD.
- ⑤ ± 18 DISTRIBUTION CIRCUITS AND WIRE TO BE DISCONNECTED AND REMOVED. REMOVE CONDUITS TO 18" BELOW GROUND.

Drawing Name: C:\Savin\Asst\2060\25-Playland-Mega-3\E\CXE-1001.dwg
 Rev: 211001F02
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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

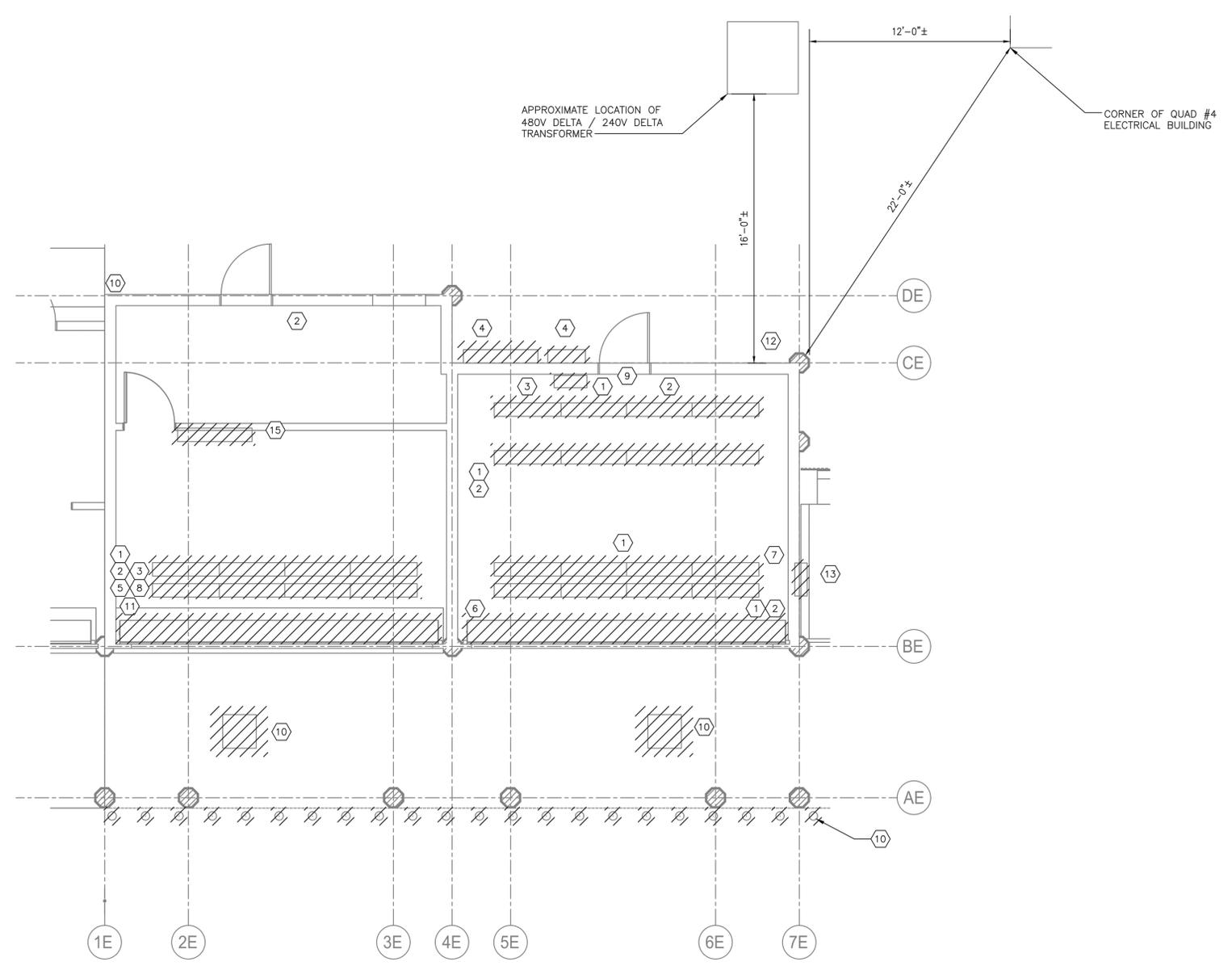
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	DATE _____	DATE _____

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
ONE LINE DIAGRAM - DEMOLITION

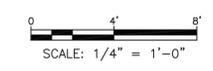
CONTRACT NUMBER 22-523	SHEET NUMBER CXE-E-01
DWG NO.: 205 of 604	SCALE: AS SHOWN
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-E-1044-0	



- NOTES:**
- FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
 - ALL REMOVED EQUIPMENT SHALL BE RETURNED TO OWNER UPON REQUEST. OTHERWISE ALL REMOVED MATERIAL SHALL BE LEGALLY DISPOSED OF.
 - DISCONNECT AND REMOVE ALL ELECTRICAL EQUIPMENT, LIGHTING, POWER CONDUIT AND WIRE BACK TO SOURCE. REMOVE ALL PANELBOARDS.
 - ALL ASSOCIATED CIRCUITING TO BE DEMOLISHED FOR RECEPTACLES AND LIGHTING FIXTURES SHALL ASSUME TO BE 3/4" CONDUIT WITH 2#12 & 1#12G, UNLESS OTHERWISE NOTED.
 - CONTRACTOR SHALL DEMOLISH ALL EXISTING JUNCTION BOXES AND ALL ASSOCIATED CONDUITS, WIRES AND APPURTENANCES. FOR BIDDING PURPOSES ASSUME 600 FEET 1"C, 3#12 & 1#12G.
 - ARRAY OF MULTIPLE EXISTING, POOR CONDITION POWER PANELS TO BE DISCONNECTED AND REMOVED. SEE DRAWING CXE-E-01 FOR MORE INFORMATION.
 - MOTOR FOR ROLLING DOOR. CONTRACTOR SHALL DISCONNECT AND REMOVE THE MOTOR AND ALL ASSOCIATED CONDUIT AND WIRE BACK TO SOURCE.
 - DISPOSITION OF EXISTING CCTV/DATA/COMMUNICATIONS SHALL BE BY OTHERS. THIS INCLUDES BOTH INCOMING AND OUTGOING CONDUIT AND CABLES.

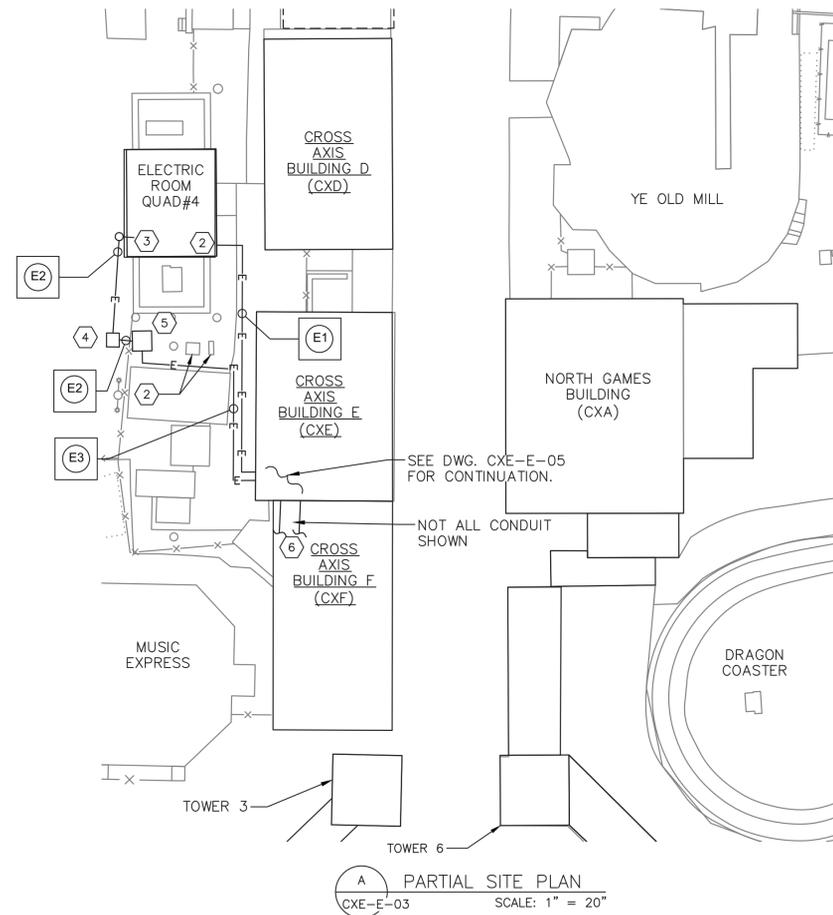
DEMOLITION LEGEND	
1	RECEPTACLE
2	LIGHT SWITCH
3	24 CKT PANEL "CR-AX3"
4	EXISTING PANEL ARRAY (SEE NOTE 6)
5	4 CKT PUSHMATIC PANEL
6	ROLLING DOOR MOTOR (SEE NOTE 7)
7	4 CKT PUSHMATIC PANEL (RECESSED IN WALL)
8	GENERAL DUTY SAFETY SWITCH (30A)
9	EXHAUST FAN
10	EXTERIOR LIGHT
11	12 CIRCUIT PANEL (BASKETBALL GAME)
12	COMMUNICATIONS BOX (SEE NOTE 8)
13	FLOODLIGHT

B GROUND FLOOR DEMOLITION POWER AND LIGHTING PLAN
SCALE: 1/4" = 1'-0"



Drawing Name: C:\Savin\Projects\2060\25-Playland-Mega-3\E\CXE-1002.dwg
 Rev: 211001F02
 Printed by: MCooby Date: 26 August 2022 3:45 PM Designed by: ---
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		REVISION	DATE	MADE BY	APP'D BY	REVISION	RECORD DRAWING CERTIFICATION <input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES		WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING	CONTRACT NUMBER 22-523	SHEET NUMBER CXE-E-02				
									CONTRACTOR NAME _____ SIGNATURE _____ DATE _____ TITLE _____		PROJECT COORDINATOR NAME _____ SIGNATURE _____ DATE _____ TITLE _____		INFRASTRUCTURE REHABILITATION - PHASE 3 PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING E GROUND FLOOR DEMOLITION - POWER AND LIGHTING PLAN		DWG NO.: 206 of 664 SCALE: AS SHOWN



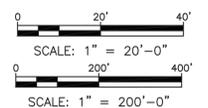
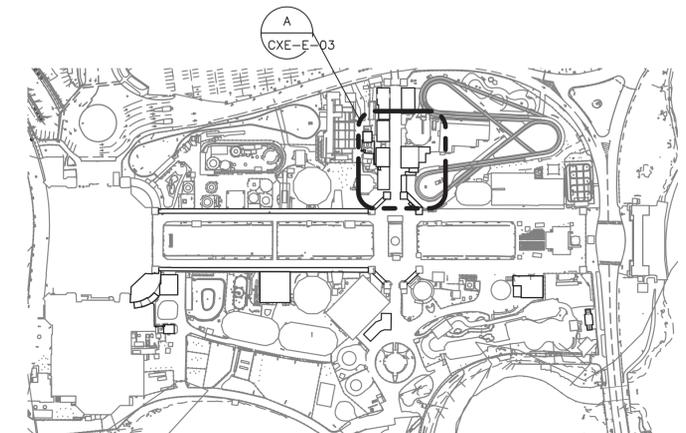
DUCTBANK SCHEDULE					
NAME	FROM	TO	CONDUIT SIZE	CABLE	REMARKS
E1	208Y/120V SWITCHBOARD	PANEL CXE-PP1	2" C	4#2 & 1#8 GND	
E2	480Y/277V SWITCHBOARD	CXF TRANSFORMER	3 1/2" C	3-350 KCMIL & 1#4 GND	
E3	CXF TRANSFORMER	PANEL CXF-PP1	2 SETS OF 3 1/2" C	4-350KCMIL & 1#2 GND (EACH)	VIA DISCONNECT SWITCH

NOTES:

- FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
- FOR PANEL SCHEDULES, SEE DRAWING CXE-E-09.
- CONTRACTOR SHALL COORDINATE WITH THE CONSTRUCTION MANAGER AND STANDARD AMUSEMENTS FOR EXACT LOCATION OF NEW CXF TRANSFORMER AND ASSOCIATED DISCONNECT SWITCH.

KEY NOTES:

- LOCATION OF EXTERIOR, PAD-MOUNTED ELECTRICAL EQUIPMENT PREVIOUSLY USED FOR "SPIDER" RIDE AND X-AXIS POWER.
- INTERNAL TO QUAD #4 ELECTRICAL ROOM, EXTEND WITH NEW 2" CONDUIT WITH 4#2 & 1#8 GND TO 208Y/120 VOLT SWITCHBOARD. MODIFY EXISTING SWITCHBOARD TO ACCEPT A 100 AMP, 3 POLE CIRCUIT BREAKER FOR NEW PANEL CXE-PP1.
- INTERNAL TO QUAD #4 ELECTRICAL ROOM, EXTEND WITH NEW 3 1/2" CONDUIT WITH 3-350 KCMIL & 1#4 GND TO NEW 480Y/277 VOLT SWITCHBOARD. MODIFY EXISTING SWITCHBOARD TO ACCEPT A 300 AMP, 3 POLE CIRCUIT BREAKER FOR NEW PANEL CXF-PP1.
- 400 AMP FUSED DISCONNECT SWITCH (FUSED AT 300 AMPS) IN NEMA 3R ENCLOSURE. PROVIDE CONCRETE PAD FOUNDATION AND CHANNEL FRAME SUPPORT. CHANNEL SHALL BE STAINLESS STEEL (304).
- 225 KVA CXF TRANSFORMER WITH 480 VOLT DELTA PRIMARY AND 208Y/120 VOLT, 3 PHASE, 4-WIRE SECONDARY. TRANSFORMER SHALL BE SUITABLE FOR OUTDOOR USE. MOUNT TRANSFORMER ON PROPERLY SIZED CONCRETE HOUSEKEEPING PAD. PAD SHALL BE MINIMUM 8" THICK AND 4000 PSI CONCRETE.
- CONTRACTOR IS ADVISED THAT EXISTING PANELS PP-TW2 & 3, TW2-RP AND TW3-RP SHALL BE RELOCATED FROM THE CXF BUILDING. EXTENDING CONDUITS SHALL RUN UNDER THE NEW CXF STRUCTURE AND STUB UP INTO THE NEW ELECTRICAL ROOM LOCATED IN THE CXE BUILDING. SEE CROSS AXIS BUILDING F ELECTRICAL DRAWINGS.



Drawing Name: C:\Savin\Autocad\2060\25-Playland-Mega-3\A\CXE-1005.dwg
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 Printed by: MCooby Date: 26 August 2022 3:45 PM Designed by: ---
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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
SITE DUCTBANK PLAN

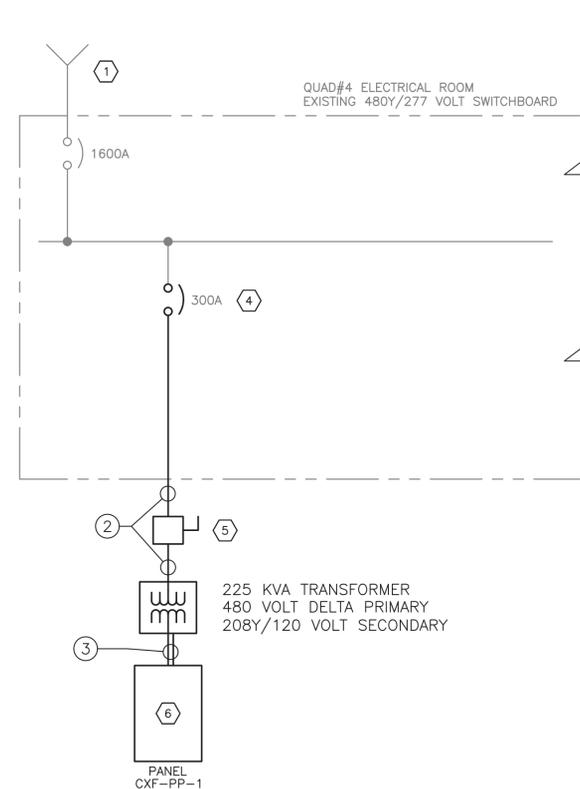
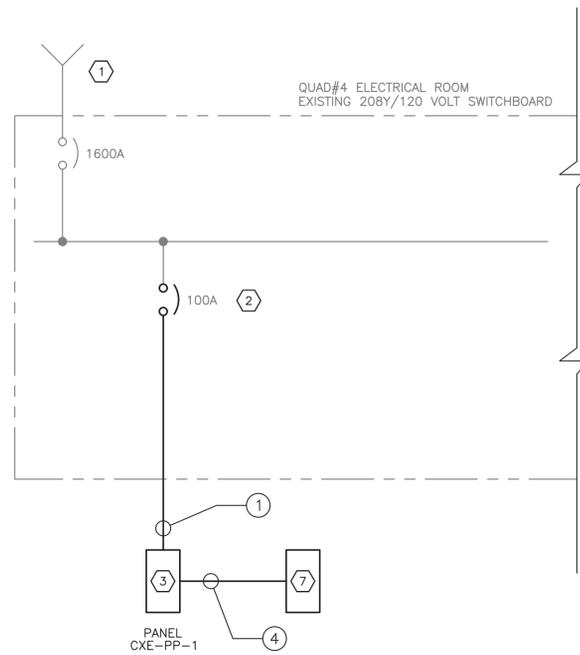
CONTRACT NUMBER 22-523	SHEET NUMBER CXE-E-03
DWG NO.: 207 of 604	SCALE: AS SHOWN
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-E-1046-0	REV. NO. 0

NOTES:

- FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
- CONTRACTOR IS ADVISED THAT PANELS SHOWN WILL BE LOCATED IN THE CXE BUILDING ELECTRICAL ROOM. IN ADDITION TO THESE PANELS THERE WILL BE 3 OTHER PANELS RELOCATED TO THIS ROOM AS WELL. SEE CROSS AXIS BUILDING F DRAWINGS FOR ADDITIONAL INFORMATION.

KEY NOTES:

- INCOMING FEEDER
- NEW 100 AMP, 3-POLE CIRCUIT BREAKER
- NEW 208Y/120 VOLT, 3-PHASE, 4-WIRE PANEL WITH 125 AMP MAINS AND 100 AMP MAIN CIRCUIT BREAKER
- PROVIDE AND INSTALL NEW 300 AMP, 3-POLE BREAKER
- NEW DISCONNECT SWITCH (NEMA 3R ENCLOSURE)
- NEW 208Y/120 VOLT, 3-PHASE, 4-WIRE PANEL WITH 600 AMP MAINS AND 600 AMP MAIN CIRCUIT BREAKER
- NEW RELAY PANEL CXE-RP.



ONE LINE DIAGRAMS
N.T.S.

CONDUIT AND WIRE LEGEND

NO.	DESCRIPTION
1	2" C, 4#2 & 1#8 GND
2	3 1/2" C, 3-350 KMCL & 1#4 GND
3	2 SETS OF 3 1/2" C, 4-350 KMCL & 1#2 GND
4	2" C, 14#12 & 6#12 GNDS

Drawing Name: C:\Savin\A\2060\25-Playland-Mega-3\E\CXE-1006.dwg
 Project: 211001F02
 Printed by: MCooby Date: 26 August 2022 3:45 PM Designed by: ---
 xrefs: [B:24436.WestchesterCo_3.dwg] [TSC-SVLOGO.dwg] [BCR-A-04.dwg] [BCRE-101.dwg]



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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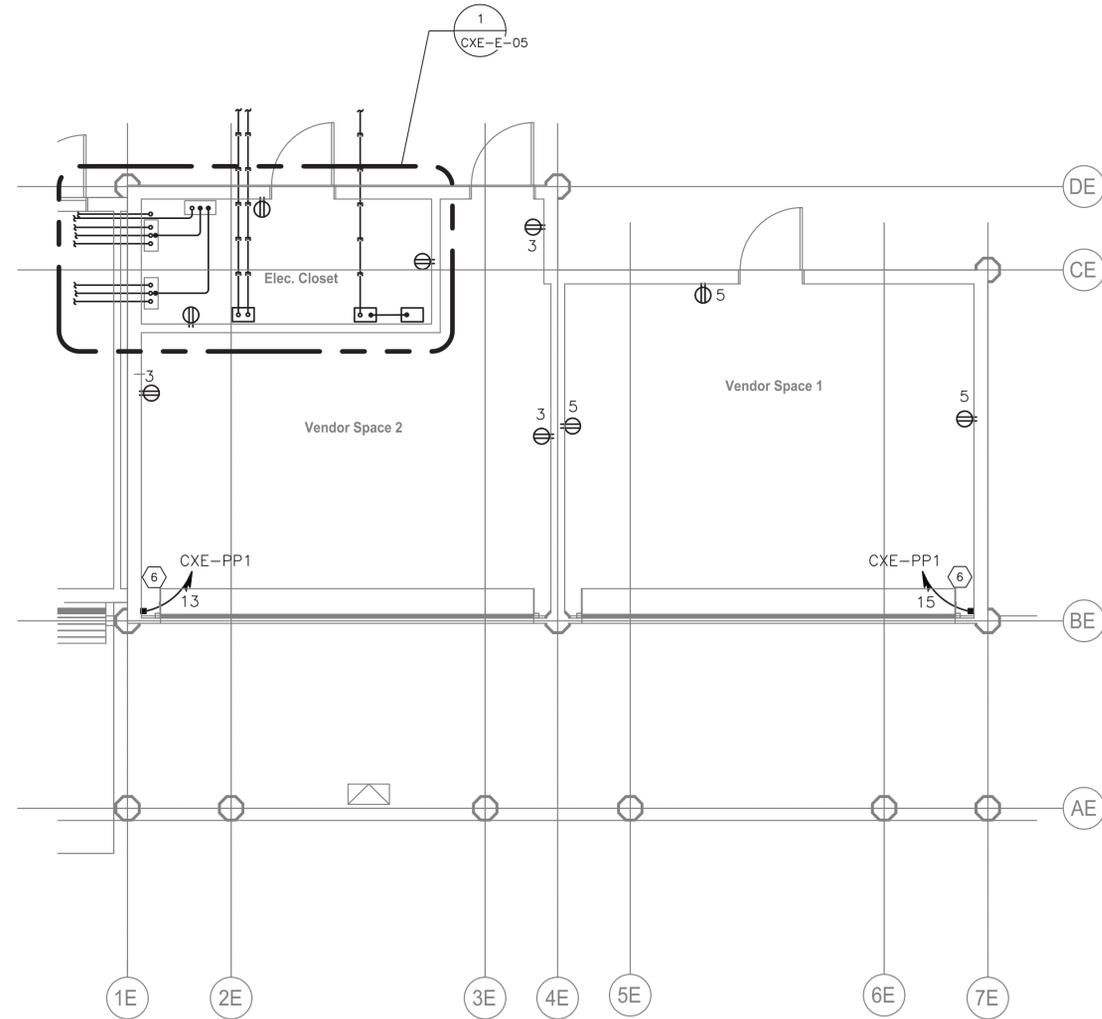
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	DATE _____	DATE _____

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

INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
ONE LINE DIAGRAMS

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-E-04
DWG NO.: 208 of 604	SCALE: AS SHOWN
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-E-1047-0	



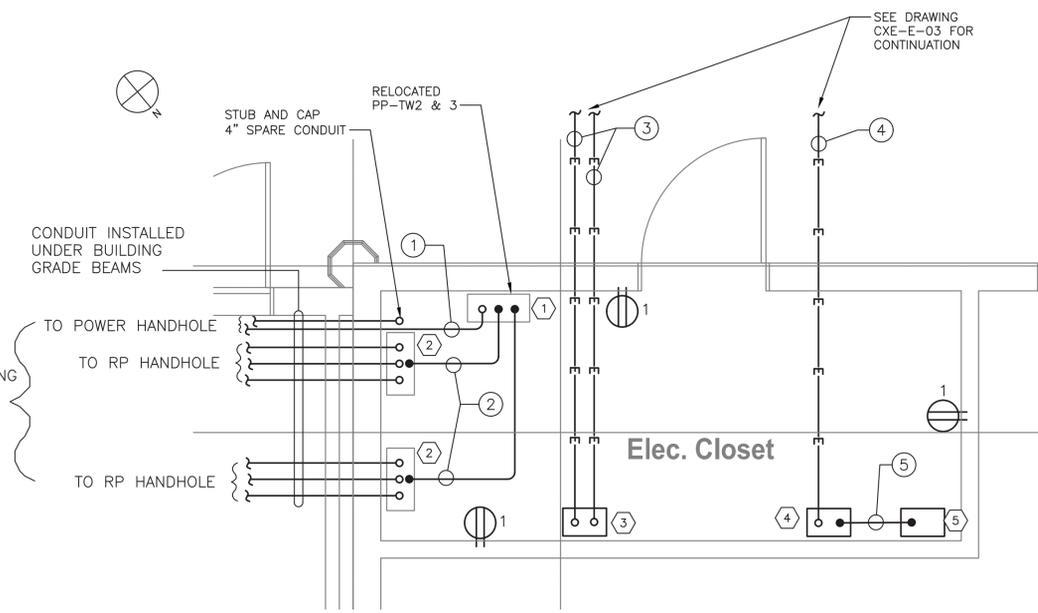
GROUND FLOOR POWER PLAN
1/4"=1'-0"

KEY NOTES:

- 1 RELOCATED 200 AMP PANEL PP-TW2 & 3. CONTRACTOR SHALL EXTEND ALL DISTRIBUTION CIRCUITS PRESENTLY CONNECTED TO THIS PANEL. CONTRACTOR SHALL TRACE OUT EACH CIRCUIT AND PLAN FOR ALL REQUIRED RECONNECTIONS. SEE DRAWING CXE-E-08 FOR PANEL SCHEDULE.
- 2 RELOCATED RELAY PANELS TW2-RP AND TW3-RP. SEE CXF DRAWINGS FOR ADDITIONAL INFORMATION.
- 3 NEW 208Y/120 VOLT, 3 PHASE, 4-WIRE PANEL CXF-PP1 WITH 600 AMP MAINS AND 600 AMP MAIN BREAKER. THIS PANEL WILL BE USED TO SUPPLY NEW KITCHEN LOADS FOR THE CXF BUILDING. KITCHEN LOADS WILL BE DETERMINED BY STANDARD AMUSEMENTS. DISTRIBUTION CIRCUITS ARE NOT REQUIRED AT THIS TIME.
- 4 NEW 208Y/120 VOLT, 3 PHASE 4-WIRE PANEL CXE-PP1 WITH 125 AMP MAINS AND 100 AMP MAIN CIRCUIT BREAKER. THIS PANEL WILL BE USED FOR ALL ELECTRICAL LOADS IN THE CXE BUILDING.
- 5 NEW RELAY PANEL CXE-RP. THIS RELAY PANEL SHALL BE USED FOR ALL NEW EXTERIOR LIGHTING FOR BOTH CXE AND CXF BUILDINGS.
- 6 APPROXIMATE LOCATION OF MOTOR FOR NEW ROLL-UP DOOR. CONTRACTOR SHALL CONFIRM MOTOR LOCATION IN THE FIELD PRIOR TO INSTALLATION. CONTRACTOR SHALL CIRCUIT MOTOR FROM PANEL CXE-PP-1. NUMBER DESIGNATORS INDICATE CIRCUIT NUMBERS. CONTRACTOR SHALL PROVIDE 30 AMP, 2-POLE DISCONNECT SWITCH AT ROLL-UP DOOR MOTOR LOCATION.

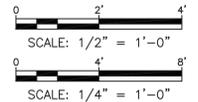
NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. CONTRACTOR IS ADVISED THAT THERE ARE 3 EXISTING PANELS (ONE POWER AND TWO RELAY) THAT NEED TO BE RELOCATED TO THE CXE ELECTRICAL ROOM. THIS INCLUDES ALL ASSOCIATED CONDUIT AND WIRE BOTH FOR POWER AND DISTRIBUTION CIRCUITS. THE INTENT IS TO RELOCATE SAID EQUIPMENT AND PROVIDE NEW CONDUIT AND WIRE FOR CONNECTION TO EXISTING CIRCUITS. FOR ADDITIONAL INFORMATION, SEE CROSS AXIS BUILDING F DRAWINGS. CONTRACTOR SHALL COORDINATE THE REQUIREMENT OF RELOCATING THESE PANELS WITH THE CONSTRUCTION PHASING OF BOTH CXE AND CXF BUILDINGS.
3. ALL RECEPTACLE DESIGNATORS ARE POWERED VIA PANEL CXE-PP-1, UNLESS OTHERWISE NOTED.
4. ALL CIRCUITS SHOWN ON THE DRAWING BUT NOT SPECIFICALLY CALLED OUT ON THE CONDUIT AND WIRE LEGEND SHALL BE 3/4" CONDUIT, 2#12 & 1#12 GND.
5. FOR PANEL SCHEDULES, SEE DRAWING CXE-E-09.
6. CONTRACTOR SHALL ASSUME THAT TWO ADDITIONAL CIRCUITS WILL BE NEEDED FOR EQUIPMENT NOT AS YET SHOWN. ASSUME A TOTAL OF 100 FEET OF 3/4" CONDUIT WITH 3 #12 AWG.

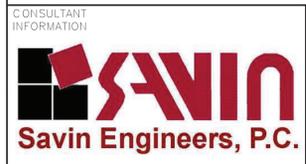


1 ELECTRICAL ROOM POWER PLAN
CXE-E-05 SCALE: 1/2" = 1'-0"

CONDUIT AND WIRE LEGEND	
NO.	DESCRIPTION
1	4" C, 4-250 KCMIL & 1#2 GND (OR MATCH EXISTING)
2	2" C, 18#10 & 9#10 GNDS (OR MATCH EXISTING)
3	2 SETS OF 3 1/2" C, 4-350 KCMIL & 1#2 GND
4	2" C, 4#2 & 1#8 GND
5	2" C, 18#12 & 7#12 GNDS



Drawing Name: C:\Savin\Avesad\2060\25-Playland-Mega-3\1\CXE-1007.dwg
 Rev: 211001F02
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 xrefs: [1B-2426-WestchesterCo_3.dwg] [TSC-SULCO00.dwg] [CXE-E-1002.dwg] [CXE-A-11.dwg]



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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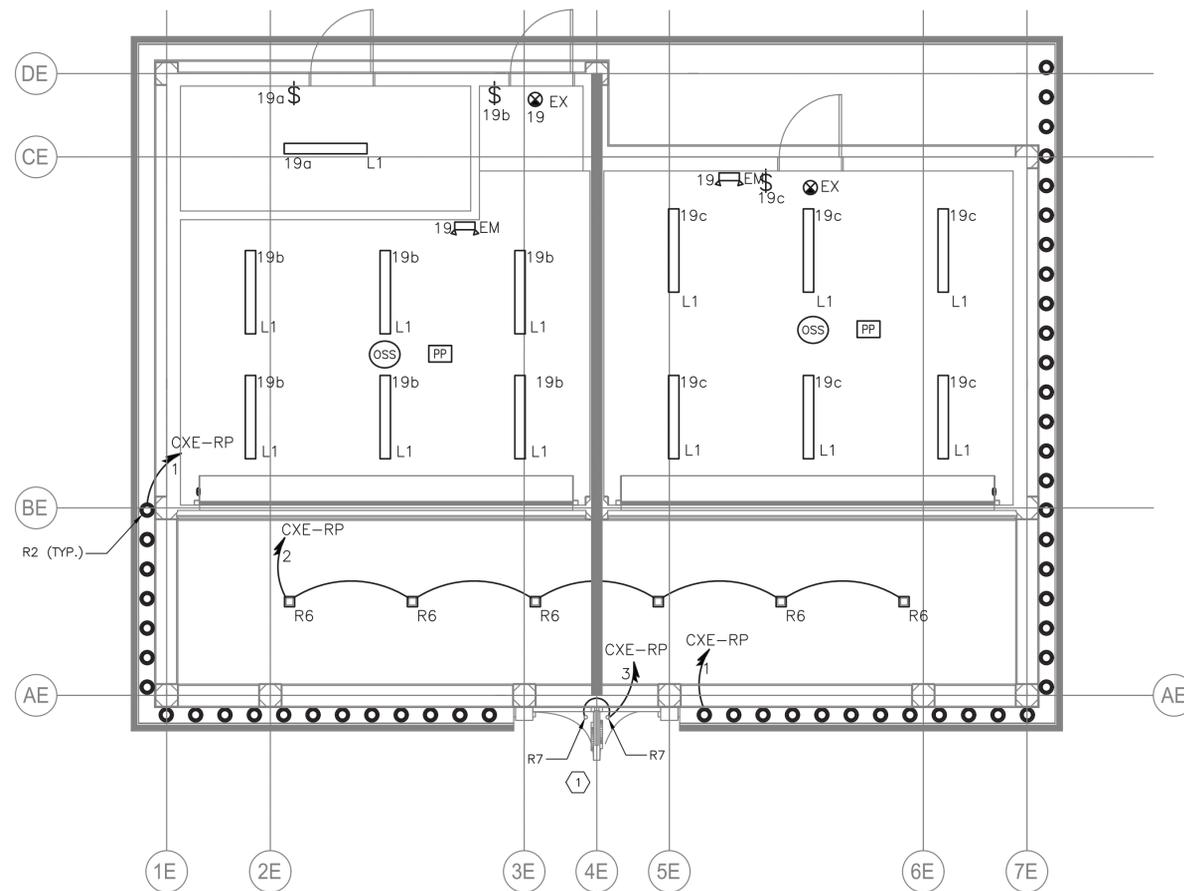
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____

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

INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
GROUND FLOOR - POWER PLAN

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-E-05
DWG NO.: 200 of 604	SCALE: AS SHOWN
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-E-1048-0	



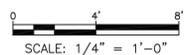
GROUND FLOOR LIGHTING PLAN (CXE)
1/4" = 1'-0"

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. ALL INTERIOR LIGHTING IS POWERED VIA PANEL CXE-PP1, UNLESS NOTED OTHERWISE. CONTRACTOR SHALL CIRCUIT LIGHTING FIXTURES WITH 3/4" CONDUIT WITH 2#12 & 1#12GND.
3. EXIT SIGNS SHALL BE WIRED TO THE UN-SWITCHED LEG OF THE DESIGNATED CIRCUIT.
4. EMERGENCY FIXTURES SHALL BE WIRED TO THE UN-SWITCHED LEG OF THE DESIGNATED CIRCUIT.
5. ALL EXTERIOR LIGHTING SHALL BE CIRCUITED TO RELAY PANEL CXE-RP. CONTRACTOR SHALL CIRCUIT LIGHTING FIXTURES WITH 3/4" CONDUIT WITH 2#10 & 1#10GND, UNLESS NOTED OTHERWISE. CONTRACTOR SHALL DAISY-CHAIN ALL EXTERIOR LIGHT FIXTURES WITH SAME CIRCUIT NUMBER BACK TO RELAY PANEL CXE-RP.
6. FOR LIGHTING PANEL SCHEDULE, REFER TO DRAWING CXE-E-09.
7. NUMBER DESIGNATORS NEXT TO FIXTURES AND/OR CONTROLS INDICATE CIRCUIT NUMBERS.
8. ALL LIGHTING CONTROL COMPONENTS SHALL BE FROM A SINGLE MANUFACTURER, AND MUST BE FROM THE SAME MANUFACTURER FOR ALL BUILDINGS WITHIN THE CONTRACT AND AS PROVIDED ELSEWHERE AT THE PLAYLAND FACILITY.
9. LIGHTING CONTROLS SELECTED SHALL HAVE THE CAPABILITY TO BE CONNECTED TO A MASTER HEAD-END SYSTEM (FUTURE CONTRACT).
10. ALL OUTDOOR LIGHTING SHALL BE POWERED VIA RELAY PANEL CXE-RP. RELAY PANEL SHALL BE EQUIPPED WITH BOTH A BUILT-IN TIME CLOCK AND A PHOTOSENSOR CONTROL.

KEY NOTES:

- ① R7 LIGHT FIXTURES SHALL BE CONNECTED INTO THE SAME CIRCUIT USED FOR POWERING THE REFURBISHED FINIAL LIGHTS. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.



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 Rev: 211001F02
 Printed by: MCooby Date: 26 August 2022 3:46 PM Designed by: ---
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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
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NAME _____	NAME _____	NAME _____	NAME _____
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DATE _____	DATE _____	DATE _____	DATE _____

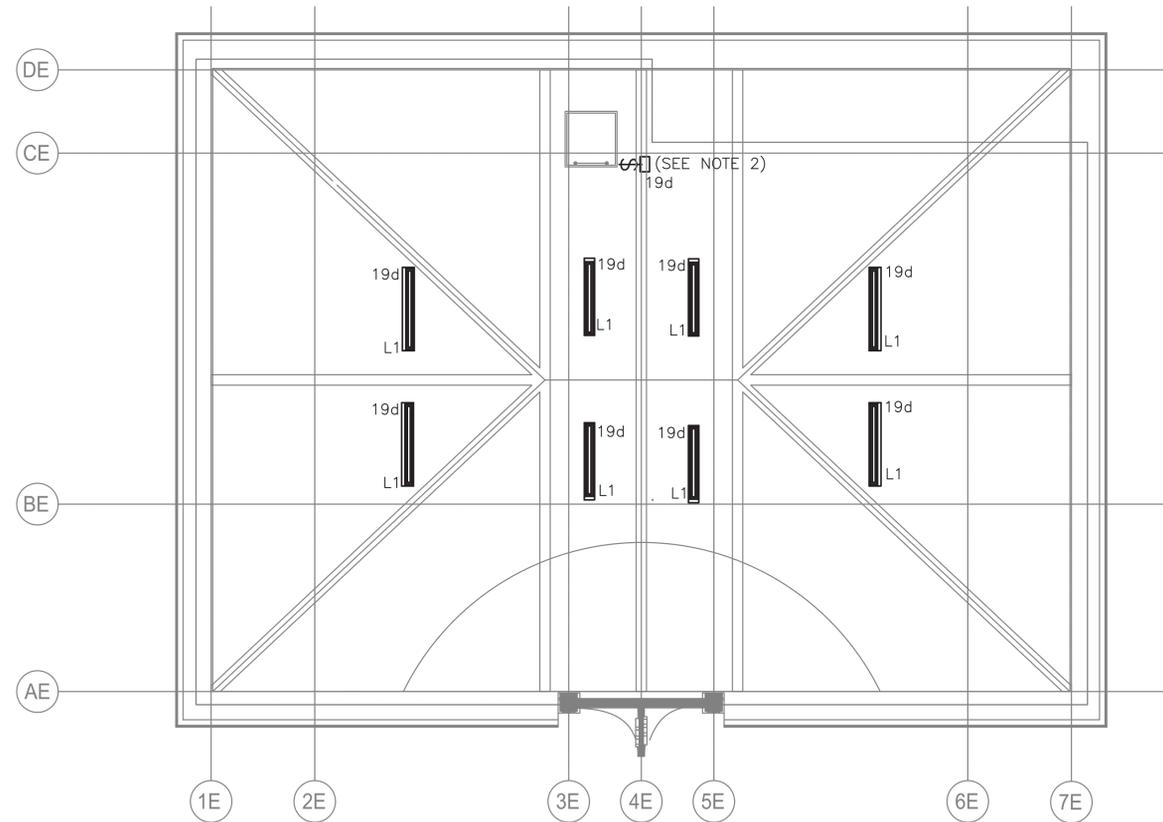
WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
GROUND FLOOR - LIGHTING PLAN

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-E-06
DWG NO.: 300 of 664	SCALE: AS SHOWN
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-E-1049-0	REV. NO. 0

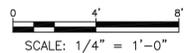


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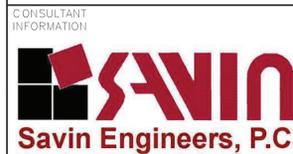
1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. MOUNT ATTIC LIGHT SWITCH AT TOP OF ATTIC ACCESS HATCH.



ATTIC LEVEL LIGHTING PLAN
1/4" = 1'-0"



Drawing Name: C:\Savin\Asst\2060\25-Playland-Mega-3\A\CXE-1011.dwg
 Rev: 211001P02
 Printed by: MCooby Date: 26 August 2022 3:46 PM Designed by: ---
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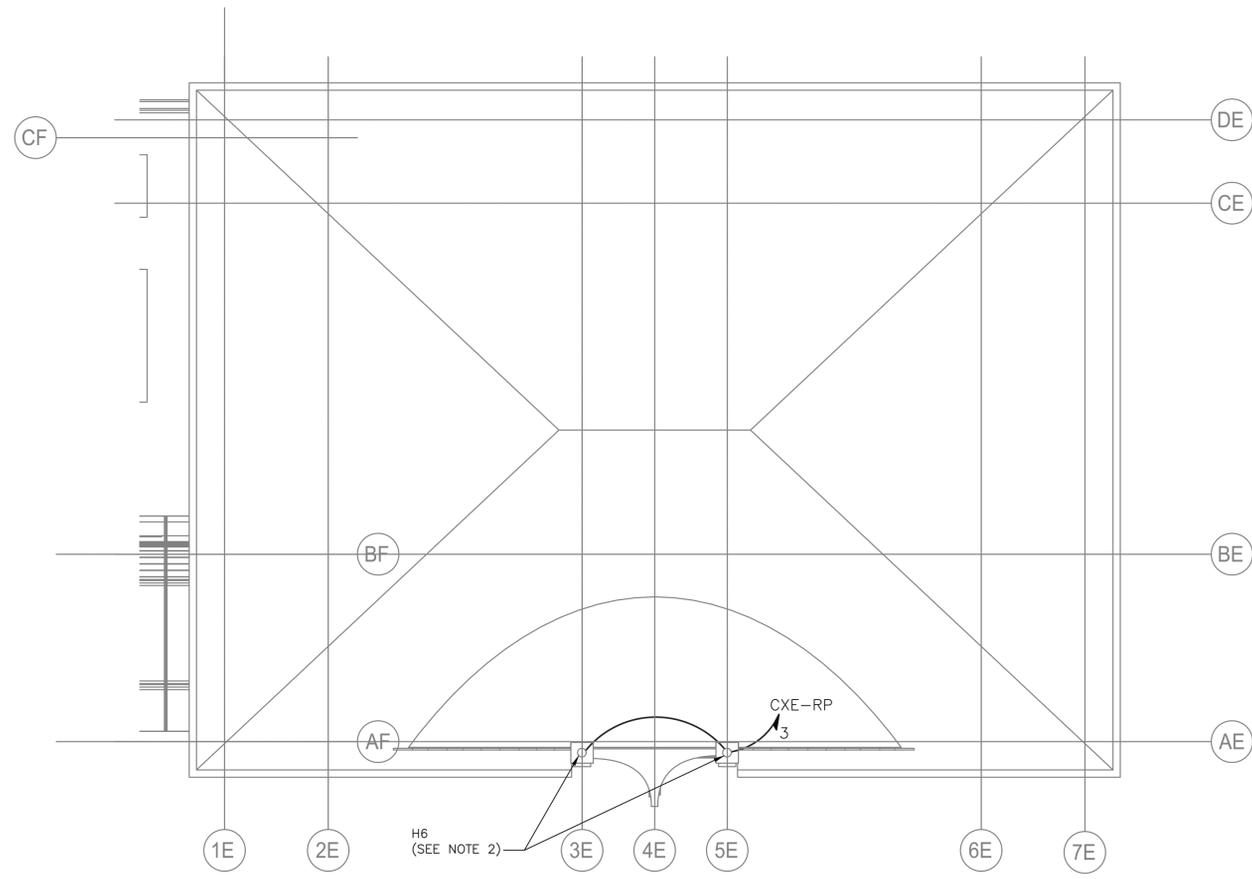
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TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
ATTIC LEVEL - LIGHTING PLAN

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-E-07
DWG NO.: 301 of 664	SCALE: AS SHOWN
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-E-1050-0	

NOTES:

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
2. HISTORIC FINIAL LIGHTS TO BE REFURBISHED AND REINSTALLED UNDER THIS CONTRACT. CONTRACTOR SHALL RE-INSTALL THESE UNITS. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.



ROOF LIGHTING PLAN
1/4" = 1'-0"



Drawing Name: C:\Savin\Asst\2060\25-Playland-Mega-3\A\CXE-1013.dwg
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CONSULTANT INFORMATION

Savin Engineers, P.C.



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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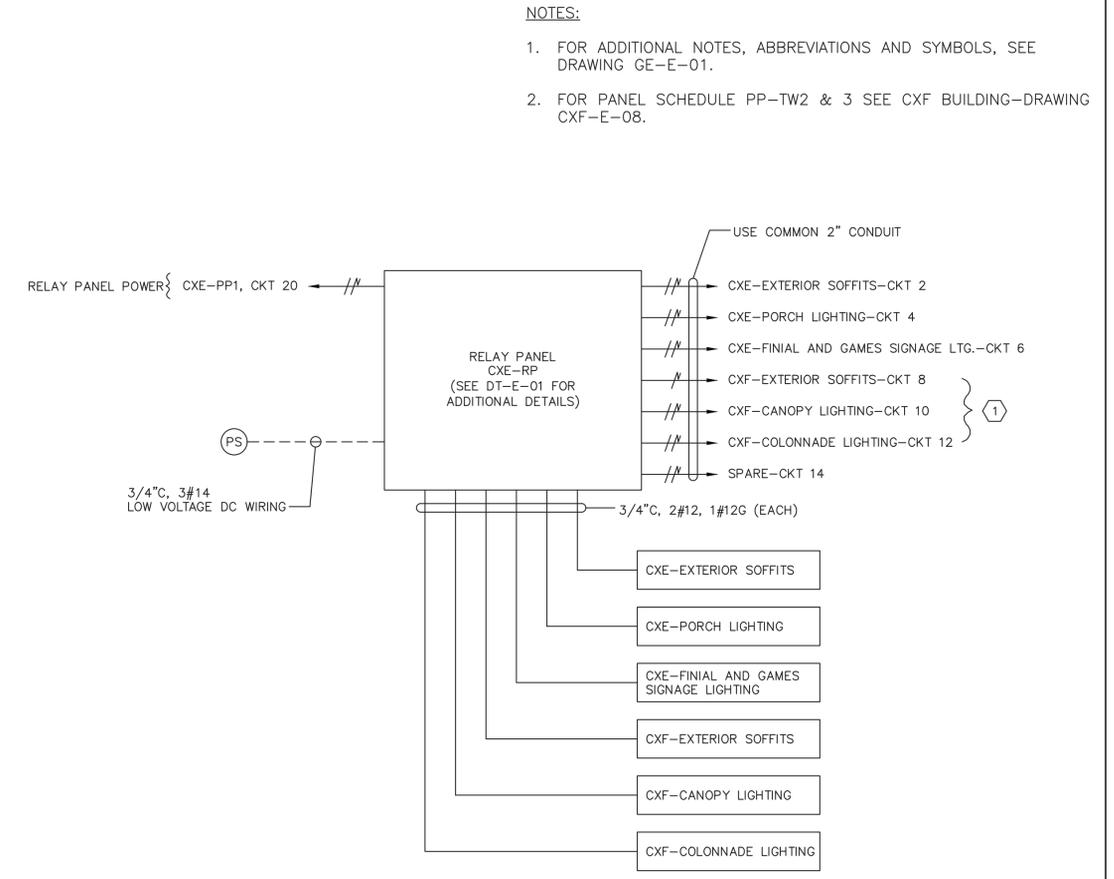
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
ROOF PLAN - LIGHTING AND LIGHTNING PROTECTION PLAN

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-E-08
DWG NO.: 300 of 664	SCALE: AS SHOWN
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-E-1051-0	

PANELBOARD: CXE-PP1						LOCATION: ELECTRICAL ROOM							
1 NEMA RATING			3 POLES			MOUNTING: SURFACE							
125 AMP BUS RATING			100 AMP MAIN BREAKER			42 KA SHORT CIRCUIT RATING							
208Y/120 VOLTS			3 PHASE 4 WIRE			ELECTRONIC GRADE : NO							
CIRCUIT NO.	DESCRIPTION	LOAD KVA			BREAKER AMPS / POLES	NOTES	CIRCUIT NO.	DESCRIPTION	LOAD KVA			BREAKER AMPS / POLES	NOTES
		PHASE A	PHASE B	PHASE C					PHASE A	PHASE B	PHASE C		
1	RECEPTACLES	0.2			20/1		2	CXE - EXTERIOR SOFFITS	0.2			20/1	
3	RECEPTACLES		0.2		20/1		4	CXE - PORCH LIGHTING		0.2		20/1	
5	RECEPTACLES			0.2	20/1		6	CXE - GAMES SIGNAGE LIGHTING			0.2	20/1	
7	FIRE ALARM	0.1			20/1		8	CXF - EXTERIOR SOFFITS	0.2			20/1	
9	COM CABINET		0.1		20/1		10	CXF - CANOPY LIGHTING		0.2		20/1	
11	SPARE			-	20/1		12	CXF - COLONNADE LIGHTING			0.5	20/1	
13	ROLL-UP DOOR	1.2			20/1		14	SPARE	-			20/1	
15	ROLL-UP DOOR		1.2		20/1		16	SPARE		-		20/1	
17	SPARE			-	20/1		18	SPARE			-	20/1	
19	BUILDING LIGHTING	0.5			20/1		20	RELAY PANEL CXE-RP POWER (120V)	0.6			20/1	
21	SPARE			-	20/1		22	SPARE			-	20/1	
23	SPARE			-	20/1		24	SPARE			-	20/1	
25	SPACE						26	SPACE					
27	SPACE						28	SPACE					
29	SPACE						30	SPACE					
31	SPACE						32	SPACE					
33	SPACE						34	SPACE					
35	SPACE						36	SPACE					
37	SPACE						38	SPACE					
39	SPACE						40	SPACE					
41	SPACE						42	SPACE					
TOTAL PHASE KVA THIS SIDE		2	1.5	0.2			TOTAL PHASE KVA THIS SIDE		1	0.4	0.7		
						TOTAL KVA PER PHASE		3	1.9	0.9			
						TOTAL THREE PHASE KVA		5.8					
NOTES:						NOTES CONT.:							
1.						5.							
2.						6.							
3.						7.							
4.						8.							



1 EXTERIOR CXE & CXF EXTERIOR BUILDING WIRING DETAIL
CXE-E-07

KEY NOTE:

(1) REFER TO CXF BUILDING LIGHTING DRAWINGS FOR FIXTURE LOCATIONS.

LOCATION: CXE ELECTRICAL CLOSET		
CXE-RP CKT NO	DESCRIPTION	NOTES
1	CXE-EXTERIOR SOFFITS	
2	CXE-PORCH LIGHTING	
3	CXE-FINIAL AND GAMES SIGNAGE LIGHTING	
4	CXF-EXTERIOR SOFFITS	
5	CXF-CANOPY LIGHTING	
6	CXF-COLONNADE LIGHTING	
7	SPARE	
8	SPARE	

Drawing Name: C:\Savin\A\2060\25-Playland-Mega-3\E\CXE-1012.dwg
 PLOT: 211001P02
 Printed by: MCooby Date: 26 August 2022 3:47 PM Designed by: ---
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		REVISION		REVISION		RECORD DRAWING CERTIFICATION <input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES		WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 22-523	SHEET NUMBER CXE-E-09
		REVISION NUMBER DATE MADE BY APP'D BY	REVISION DATE MADE BY APP'D BY	CONTRACTOR NAME _____ SIGNATURE _____ TITLE _____ DATE _____		PROJECT COORDINATOR NAME _____ SIGNATURE _____ TITLE _____ DATE _____		INFRASTRUCTURE REHABILITATION - PHASE 3 PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING E PANEL SCHEDULES		DWG NO.: SCALE: AS SHOWN	DATE: 8/23/2022

FIRE ALARM GENERAL NOTES:

- THE FIRE ALARM AND SMOKE DETECTION SYSTEM SHALL BE INSTALLED IN COMPLIANCE WITH THE NATIONAL FIRE PREVENTION CODE (NFPA 72 - 2016), NATIONAL LIFE SAFETY CODE (NFPA 101 - 2018), NATIONAL ELECTRICAL CODE (NFPA 70 - 2017), 2020 NEW YORK STATE BUILDING CODE, AND ALL LOCAL MUNICIPAL CODES HAVING JURISDICTION.
- THE FIRE ALARM AND SMOKE DETECTION SYSTEM SHALL BE MAINTAINED AND TESTED IN COMPLIANCE WITH NFPA 72.
- A CONTINUOUS FIRE WATCH SHALL BE PROVIDED IF THERE IS FIRE SYSTEM IMPAIRMENT.
- ALL FIRE ALARM STROBES SHALL BE SYNCHRONIZED AND SHALL REMAIN FLASHING AFTER SYSTEM SILENCE FUNCTION.
- CONTRACTOR TO UPDATE ALL NECESSARY CORRESPONDING FIRE ALARM SIGNALS WHEN PERFORMING ANY MODIFICATION TO THE BUILDING, WHERE APPLICABLE, MAKE SURE THE SAME UPDATES ARE COORDINATED AND TRANSMITTED TO THE CENTRAL STATION.
- HORNS WILL SOUND A TEMPORAL 3-SIGNALING RHYTHM PER NFPA 72.
- EXACT PLACEMENT OF DEVICES TO BE VERIFIED IN FIELD.
- ALL SMOKE DETECTORS SHALL BE INSTALLED A MINIMUM OF 36" FROM ANY HVAC SUPPLY OR RETURN REGISTER.
- FIRE ALARM WIRING SHALL BE INSTALLED IN A MINIMUM OF 3/4" RIGID GALVANIZED CONDUIT OR BY NEW YORK STATE BUILDING CODE APPROVED WIRING METHODS.
- WALL MOUNTED HORNS AND VISUAL FIRE ALARMS (STROBES) SHALL BE MOUNTED NOT LESS THAN 6'-8" AND NOT GREATER THAN 8'-0" A.F.F. WHERE LOCAL CONDITIONS ARE TOO LOW TO PERMIT THE REQUIRED MINIMUM INSTALLATION HEIGHT, INSTALL THE STROBES AT 6" BELOW THE CEILING.
- MANUAL PULL STATIONS SHALL BE MOUNTED AT 4'-0" A.F.F. AND SHALL BE INSTALLED WITHIN 5'-0" OF EXIT DOOR.
- WIRING SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 70 AND AS RECOMMENDED BY THE MANUFACTURER OF THE FIRE ALARM SYSTEM.
- ALL EQUIPMENT AND COMPONENTS SHALL BE NEW AND SHALL BE TESTED AND LISTED BY A NATIONALLY RECOGNIZED APPROVALS AGENCY.
- ALL EQUIPMENT SHALL BE ATTACHED TO WALLS AND CEILING/FLOOR ASSEMBLIES AND SHALL BE HELD FIRMLY IN PLACE. FASTENERS AND SUPPORTS SHALL BE ADEQUATE TO SUPPORT REQUIRED LOAD.
- ALL FIELD WIRING SHALL BE ELECTRICALLY SUPERVISED FOR OPEN CIRCUIT AND GROUND FAULTS.
- ALL BOXES AND CABINETS SHALL BE UL LISTED FOR THEIR USE AND PURPOSE.
- DIALER OR ALARM COMMUNICATOR TRANSMITTER SHALL TRANSMIT ALL POINTS AS THEY ARE REPORTED TO THE HOST PANEL.
- ALL DEVICES SHALL BE COMPATIBLE WITH EXISTING SYSTEM (EST3 BY EDWARDS), FIRE ALARM PRODUCTS SHALL BE APPROVED BY THE ENGINEER OR OWNER.
- ALL PENETRATIONS SHALL BE FIRE PROOFED AS REQUIRED.

FIRE ALARM CONSTRUCTION NOTES:

- ELECTRICIAN SHALL COORDINATE WITH THE FIRE ALARM VENDOR TO PRODUCE A SEPARATE FIXED PRICE TO PERFORM THE SCOPE OF WORK CONTAINED ON THESE DRAWINGS IN CONNECTION WITH THE FIRE ALARM SYSTEM. THESE DRAWINGS ARE PROVIDED FOR BID PURPOSES ONLY AND TO ILLUSTRATE THE SCOPE OF WORK INTENT OF THIS PROJECT.
- ELECTRICIAN SHALL OBTAIN SEPARATE PERMIT FOR FIRE ALARM PRIOR TO INSTALLATION.
- PRIOR TO SUBMISSION OF THE FIRE ALARM SYSTEM BID, THE FIRE ALARM VENDOR IS RESPONSIBLE TO REVIEW ALL DRAWINGS (I.E. MECHANICAL/HVAC, ELECTRICAL, PLUMBING, FIRE SPRINKLER, AND ARCHITECTURAL). UPON SUBMISSION OF THE FIRE ALARM BID, THE FIRE ALARM VENDOR CERTIFIES THAT ALL DRAWINGS HAVE BEEN REVIEWED, THE SITE HAS BEEN VISITED/INSPECTED (IF APPLICABLE), AND THAT ALL LOCAL FIRE DEPARTMENT REQUIRED ITEMS ARE FULLY UNDERSTOOD AND INCLUDED IN THE BID PRICE (NO CHANGE ORDERS ALLOWED).
- FIRE ALARM VENDOR MUST ADHERE TO NFPA 72, NFPA 101, AND ALL LOCAL CODES AND AUTHORITIES HAVING JURISDICTION. THE ENTIRE SYSTEM MUST BE DESIGNED IN ACCORDANCE WITH THESE AUTHORITIES HAVING JURISDICTION.
- FIRE ALARM VENDOR SHALL INCLUDE THE COST OF THE ENGINEERING FEE, PROGRAMMING CHARGE, NEW EQUIPMENT, CONNECTION & TESTING, TROUBLESHOOTING, ATTENDANCE AT THE FIRE ALARM INSPECTION, ETC. AS PART OF THE TOTAL PRICE.
- FIRE ALARM VENDOR MUST SUBMIT APPROVED, SIGNED AND SEALED DESIGN/BUILD DRAWINGS TO THE ENGINEER AND OWNER, INCLUDING: FIRE ALARM RISER DIAGRAM, LAYOUT, EQUIPMENT LIST, SPECIFICATIONS PRIOR TO START OF INSTALLATION. INSTALLATION OF THE NEW FIRE ALARM SYSTEM SHALL NOT PROCEED PRIOR TO WRITTEN APPROVAL BY THE ENGINEER.
- FIRE ALARM VENDOR SHALL SUBMIT SHOP DRAWINGS IN COMPLIANCE WITH NFPA 72, 2020 NEW YORK STATE BUILDING CODE, AND 2020 NEW YORK STATE FIRE CODE SECTION 907.1.1.
- ALL FIRE ALARM CABLES AND WIRING MUST BE PLENUM RETURN RATED CABLES.

SCOPE OF WORK:

- DEMOLISH EXISTING FIRE ALARM DEVICES AND ASSOCIATED WIRING BACK TO SOURCE.
- INSTALL NEW FIRE ALARM DEVICES AS PER DRAWINGS. PROVIDE ALL NECESSARY WIRING, CONNECTIONS, CONDUIT, AND FITTINGS.
- NEW FIRE ALARM DEVICES AND SIGNAL WIRING SHALL BE CONNECTED TO THE EXISTING "QUAD 4" FIRE ALARM PANEL.
- NEW FIRE ALARM SYSTEM SHALL BE INSPECTED BY A THIRD PARTY INSPECTION AGENCY CERTIFIED BY WESTCHESTER COUNTY. ELECTRICIAN SHALL INCLUDE INSPECTION IN BASE BID SCOPE AND COORDINATE WITH INSPECTION AGENCY TO CERTIFY THE SYSTEM.
- ELECTRICIAN SHALL COORDINATE WITH THE FIRE ALARM VENDOR (OPEN SYSTEMS METRO) TO RE-PROGRAM AND TEST THE CENTRAL FIRE ALARM SYSTEM IN THE PLAYLAND MAIN ADMINISTRATION BUILDING FOLLOWING THE INSTALLATION OF NEW SYSTEM AND DEVICES.
- ELECTRICIAN SHALL COORDINATE WITH THE FIRE ALARM CENTRAL MONITORING PROVIDER (STATEWIDE MONITORING) TO TEST AND VERIFY CENTRAL MONITORING OF PARKWIDE SYSTEM FOLLOWING THE INSTALLATION OF NEW SYSTEM AND DEVICES.

FIRE ALARM SYSTEM RISER NOTES:

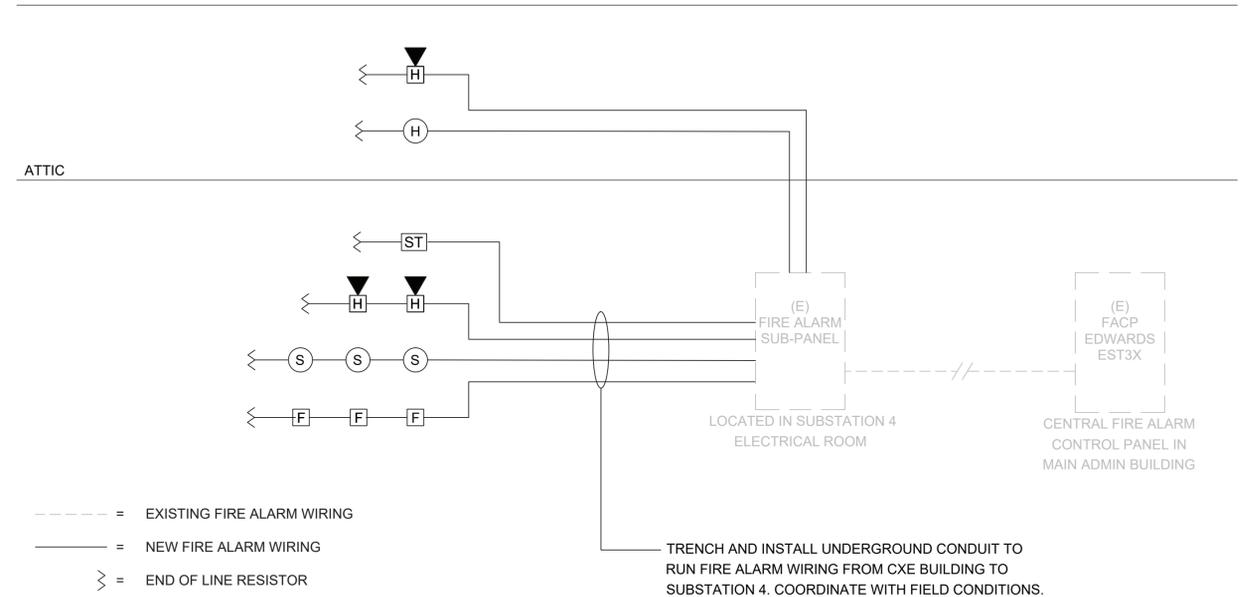
- LOCATION OF DEVICES AND EQUIPMENT ARE APPROXIMATE. FINAL LOCATIONS MUST BE DETERMINED ACCORDING TO THE SITE CONDITIONS.
- VISUAL FIRE ALARMS (STROBES) SHALL HAVE MINIMUM 5'-0" CLEARANCE FROM ANY OBSTRUCTIONS, SHALL BE FIELD ADJUSTABLE, AND SHALL BE RATED AT 75 CANDELA MINIMUM, UNLESS OTHERWISE NOTED. ALL STROBES SHALL BE SYNCHRONIZED AT LINE OF SIGHT.
- WALL MOUNTED HORNS AND VISUAL FIRE ALARMS (STROBES) SHALL BE MOUNTED NOT LESS THAN 6'-8" AND NOT GREATER THAN 8'-0" A.F.F. WHERE LOCAL CONDITIONS ARE TOO LOW TO PERMIT THE REQUIRED MINIMUM INSTALLATION HEIGHT, INSTALL THE STROBES AT 6" BELOW THE CEILING.
- MANUAL PULL STATIONS SHALL BE MOUNTED AT 4'-0" A.F.F. AND SHALL BE INSTALLED WITHIN 5'-0" OF EXIT DOOR.
- FUSE CUT OUT BOX SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE AND HAVE A REMOVABLE SOLID COPPER NEUTRAL BAR.
- ALL CONDUITS AND CONTROL PANELS SHALL BE GROUNDED TO BUILDING STEEL/GROUND GRID WITH A MINIMUM #8 CONDUCTOR.
- RISER DIAGRAM ON THIS DRAWING IS FOR DESIGN PURPOSE ONLY. FIRE ALARM CONTRACTOR SHALL PROVIDE A COMPLETE RISER DIAGRAM WITH ACTUAL FIELD WIRING REQUIRED.
- EACH FIRE ALARM INITIATING AND INDICATING CIRCUIT SHALL BE ELECTRICALLY SUPERVISED.
- EACH VISUAL FIRE ALARM CIRCUIT SHALL CONTAIN AT LEAST 20% SPARE CAPACITY.
- ALL CONTROL PANELS, FUSE CUTOUPS, TROUBLE BELLS, ALARM BELLS AND SILENCE SWITCHES SHALL BE PROPERLY LABELED WITH MINIMUM 1/4" HIGH LETTERS.
- WIRING FOR AUDIBLE AND VISUAL ALARM NOTIFICATION DEVICES SHALL BE ARRANGED SO THAT A LOSS OF A PORTION OF THE WIRING ON A FLOOR WILL NOT RENDER MORE THAN 60% OF THE DEVICES OF EACH TYPE INOPERATIVE, AND THE DEVICES SHALL BE SO CONNECTED TO THE CIRCUITRY (I.E., BY MEANS OF ALTERNATE CIRCUITS) AS TO MAINTAIN AT LEAST PARTIAL AUDIBILITY/VISIBILITY THROUGHOUT THE ENTIRE FLOOR.
- THE FIRE ALARM CONTROL PANEL SHALL BE PROVIDED WITH A KEY SWITCH. DURING DAILY TESTS, THE KEY SWITCH SHALL BE USED TO BYPASS THE CIRCUITS THAT CONTROL DAMPERS AND FAN SHUTDOWN.
- THE DAMPERS AND FAN BYPASS FUNCTION SHALL BE AUTOMATICALLY RESTORED TO BE NORMAL UN-SHUNTED CONDITION WITHIN FORTY-FIVE MINUTES, IF NOT DONE SO MANUALLY BEFORE FORTY-FIVE MINUTES.
- PERFORM FIRE ALARM SYSTEM TESTING PER THE 2020 NEW YORK STATE FIRE CODE AND NFPA 72.

FIRE ALARM LEGEND:

SYMBOL	DESCRIPTION
	FIRE ALARM SUB PANEL
	SMOKE DETECTOR
	HEAT DETECTOR
	MANUAL FIRE ALARM PULL STATION
	FIRE ALARM WALL MOUNTED HORN/STROBE # = CANDELA RATING
	FUSED CUT OUT SWITCH/FUSED LOCKABLE DISCONNECT SWITCH
	WALL MOUNTED STROBE # = CANDELA RATING
	FLOW SWITCH CONNECTED TO FIRE ALARM SYSTEM
	SPRINKLER VALVE TAMPER SWITCH CONNECTED TO FIRE ALARM SYSTEM
	DUCT MOUNTED SMOKE DETECTOR
	FIRE ALARM INTERFACE RELAY FOR HVAC FAN SHUTDOWN

FIRE ALARM ABBREVIATIONS:

E	EXISTING TO REMAIN
ER	EXISTING TO BE RELOCATED
EL	EXISTING AS SHOWN IN NEW LOCATION
FACP	FIRE ALARM CONTROL PANEL
FCO	FUSED CUT OUT
FCU	FIRE ALARM CONTROL UNIT
FP	FIRE PROTECTION
N	NEW
RTU	ROOFTOP UNIT
SP	SPRINKLER
WP	WEATHERPROOF
X	EXISTING TO BE DEMOLISHED



GROUND FLOOR

NOTES:

- WIRING SHOWN ON RISER IS DIAGRAMMATICAL. PROVIDE NEW FIRE ALARM CABLE AS REQUIRED AND INSTALL WIRING LOOPS AS BEST SUITED FOR FIELD CONDITIONS.
- THE BUILDING IS FULLY SPRINKLERED.

1 FIRE ALARM RISER DIAGRAM

SCALE: NOT TO SCALE

EVENT	SYSTEM OUTPUTS																
	Control Unit Annunciation						Notification								Supp.		
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1 ACTIVATION OF MANUAL PULL STATION	X	X					X	X		X							
2 ACTIVATION OF SMOKE DETECTOR	X	X					X	X	X								X
3 ACTIVATION OF DUCT MOUNTED SMOKE DETECTOR	X	X					X	X	X								X
4 ACTIVATION OF HEAT DETECTOR	X	X					X	X	X								X
5 WATERFLOW SWITCH FOR FIRE SPRINKLER SYSTEM	X	X					X	X			X						X
6 ACTIVATION OF CARBON MONOXIDE DETECTOR			X	X			X	X					X			X	X
7 SPRINKLER VALVE (TAMPER SWITCH)			X	X				X				X					
8 FIRE ALARM LOSS OF PRIMARY/SECONDARY POWER					X	X		X						X			
9 FIRE ALARM SYSTEM WIRING FAILURE					X	X		X						X			

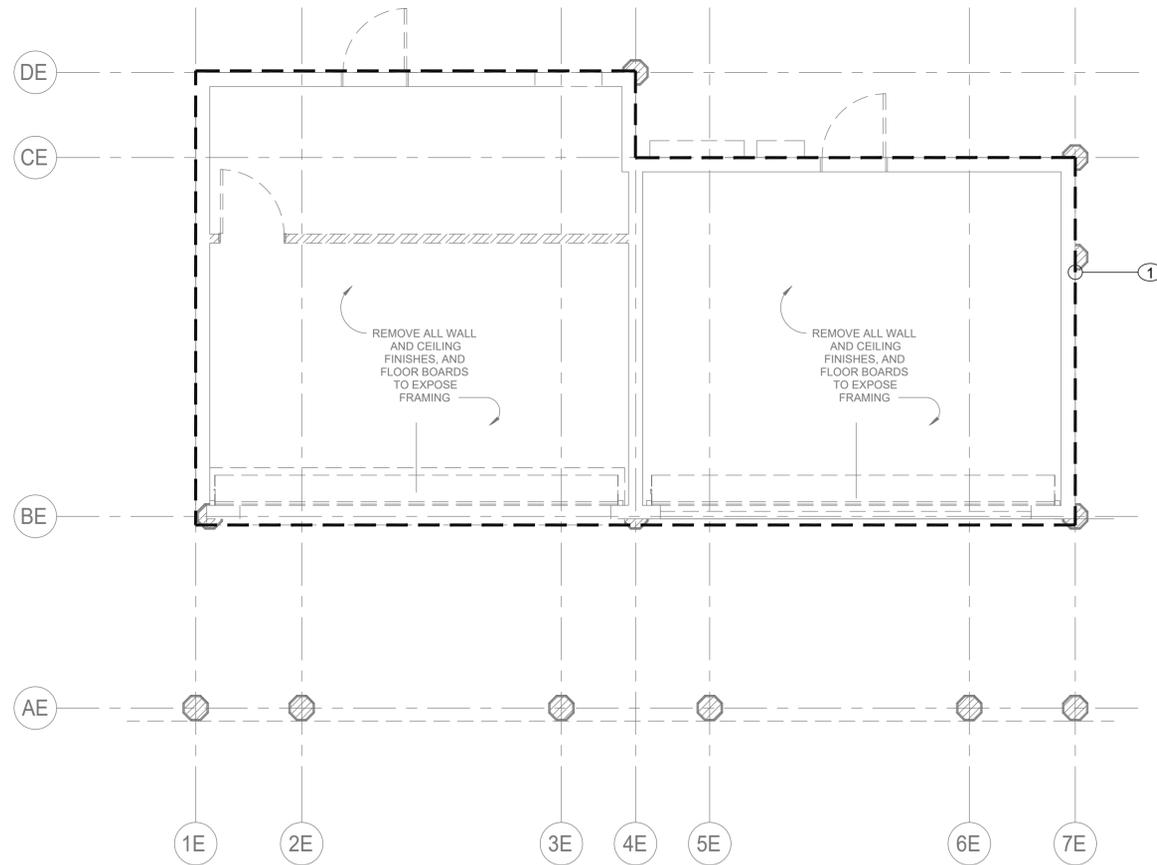
2 FIRE ALARM SEQUENCE OF OPERATIONS MATRIX

SCALE: NOT TO SCALE

CONSULTANT INFORMATION LiRo Engineers, Inc. A LiRo Group Company Syosset, N.Y. 516-214-8157[T]	CONSULTANT SEAL FRANK P. ULISSE LICENSED PROFESSIONAL ENGINEER					RECORD DRAWING CERTIFICATION <input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES		WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 22-523	SHEET NUMBER CXE-FA-01
		REVISION NUMBER DATE MADE BY APP'D BY	REVISION	CONTRACTOR NAME _____ SIGNATURE _____ TITLE _____ DATE _____		PROJECT COORDINATOR NAME _____ SIGNATURE _____ TITLE _____ DATE _____		INFRASTRUCTURE REHABILITATION - PHASE 3 PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING E FIRE ALARM NOTES, SYMBOLS, LEGEND, AND RISER DIAGRAM		DWG NO.: 304 of 664 SCALE: As indicated DATE: 08/23/2022	DPW FILE NUMBER 1-118-FA-1053-0

FIRE ALARM DEMOLITION NOTES:

① NO EXISTING FIRE ALARM DEVICES WERE NOTED DURING BUILDING SURVEY. ANY ABANDONED DEVICES OR WIRING DISCOVERED DURING THE COURSE OF DEMOLITION SHALL BE REMOVED.



1 FIRE ALARM FIRST FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

CONSULTANT INFORMATION

LiRo Engineers, Inc.
A LiRo Group Company
Syosset, N.Y. 516-214-8157[T]



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

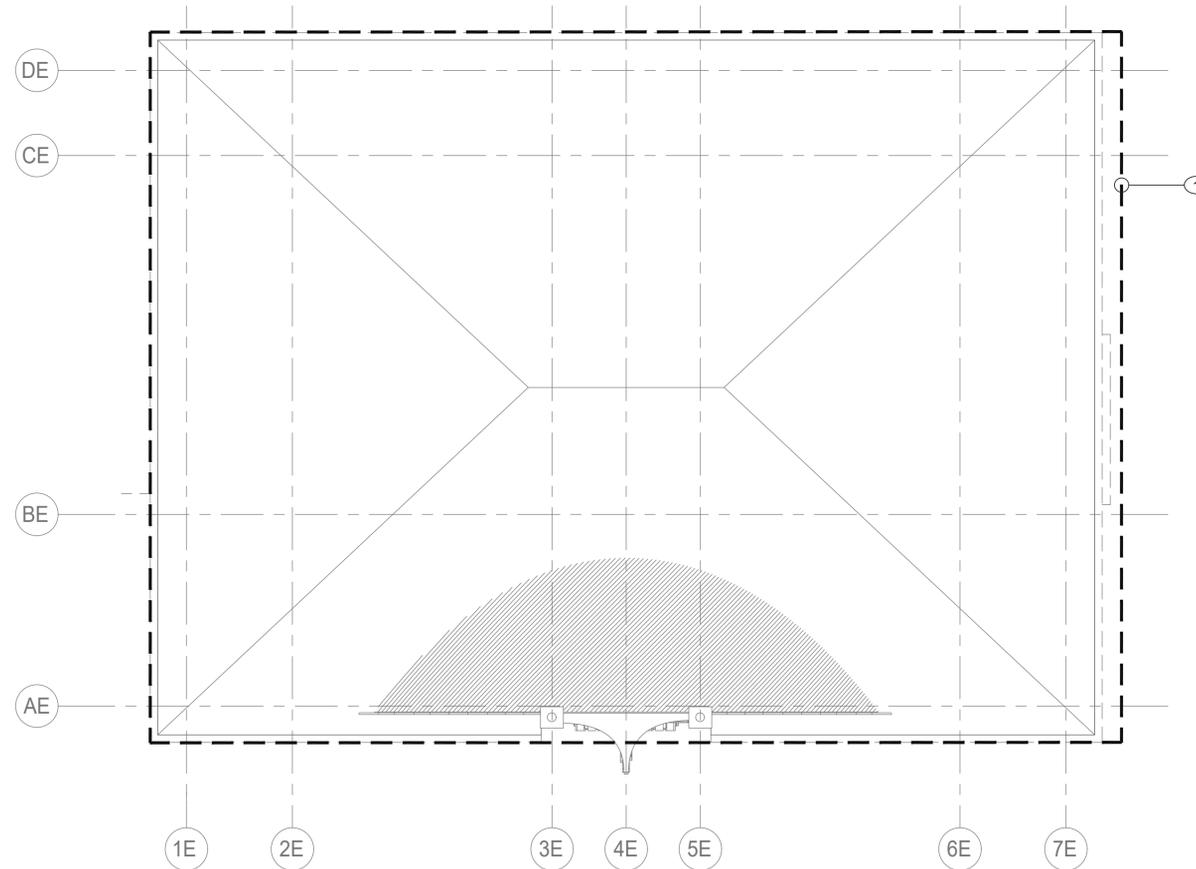
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
FIRE ALARM FIRST FLOOR DEMOLITION PLAN**

CONTRACT NUMBER	SHEET NUMBER
22-523	CXE-FA-11
DWG. NO.: 305 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER	REV. NO.
1-118-FA-1054-0	0

FIRE ALARM DEMOLITION NOTES:

① NO EXISTING FIRE ALARM DEVICES WERE NOTED DURING BUILDING SURVEY. ANY ABANDONED DEVICES OR WIRING DISCOVERED DURING THE COURSE OF DEMOLITION SHALL BE REMOVED.



1 FIRE ALARM ATTIC DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

CONSULTANT INFORMATION



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 - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
FIRE ALARM ATTIC DEMOLITION PLAN**

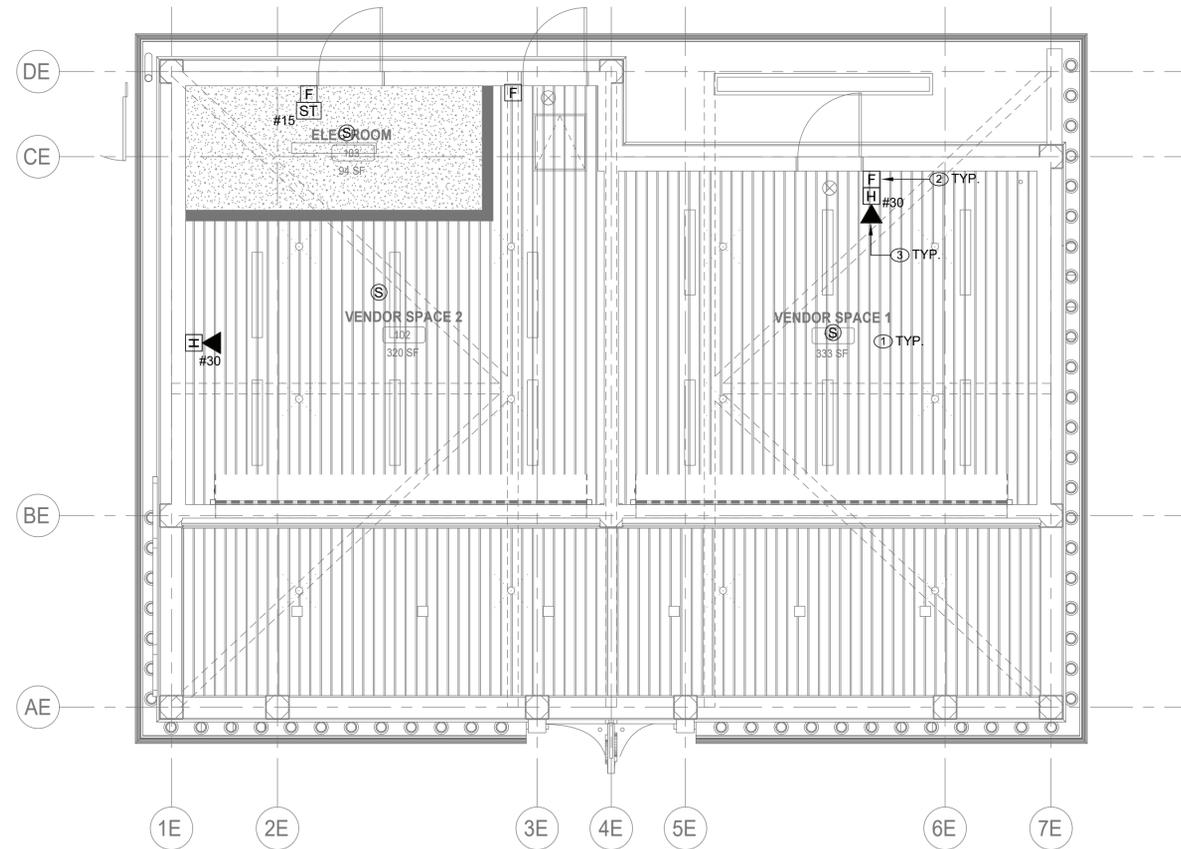
CONTRACT NUMBER 22-523	SHEET NUMBER CXE-FA-12
DWG. NO.: 306 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-FA-1055-0	REV. NO. 0

FIRE ALARM CONSTRUCTION NOTES:

- ① CONNECT NEW FIRE ALARM DEVICES TO EXISTING FIRE ALARM CONTROL PANEL IN SUBSTATION 4 ELECTRICAL ROOM.
- ② NEW MANUAL PULL STATIONS SHALL BE INSTALLED AT 4'-0" ABOVE FINISHED FLOOR AT EACH BUILDING EXIT (MAX. DISTANCE OF 5'-0" FROM EXIT).
- ③ FIRE ALARM STROBES AND HORN STROBES SHALL BE FIELD ADJUSTABLE AND SET CANDELA RATING INDICATED ON PLAN. FIRE ALARM STROBES AND HORN STROBES SHALL BE INSTALLED AT 7'-4" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.

FIRE ALARM GENERAL NOTES:

- 1. REFER TO DRAWING FA-001.00 FOR SYMBOLS, ABBREVIATIONS, AND NOTES. LAYOUT OF FIRE ALARM DEVICES ON THIS PLAN IS DIAGRAMMATIC; EXACT LOCATIONS OF DEVICES AND CONDUIT SHALL BE COORDINATED WITH FIELD CONDITIONS, ARCHITECTURAL REQUIREMENTS, AND MANUFACTURER RECOMMENDATIONS.
- 2. ALL DEVICES AND EQUIPMENT SHOWN ON THIS PLAN ARE NEW, UNLESS OTHERWISE NOTED.
- 3. INSTALL NEW FIRE ALARM SYSTEM IN STRICT ACCORDANCE WITH NFPA-72 AND NFPA-90A REQUIREMENTS.
- 4. CONTRACTOR SHALL INSTALL NEW FIRE ALARM SYSTEM AS INDICATED AND PROVIDE ALL NECESSARY WIRING, CONDUIT, AND APPARATUS.
- 5. ALL VISUAL NOTIFICATION DEVICES IN THE SAME SPACE SHALL BE SYNCHRONIZED IN ACCORDANCE WITH NFPA-72.
- 6. COORDINATE INSTALLATION WITH FIRE ALARM SYSTEM VENDOR AND MANUFACTURER REQUIREMENTS.
- 7. COORDINATE FIRE ALARM DEVICES WITH ARCHITECTURAL FINISHES. CONCEAL CONDUIT IN FINISHED WALLS AND FLUSH MOUNT DEVICES WHERE POSSIBLE.
- 8. CONTRACTOR SHALL TEST THE FIRE ALARM SYSTEM AFTER COMPLETION OF INSTALLATION. FIRE ALARM SYSTEM SHALL BE TESTED AND VERIFIED TO BE WORKING PROPERLY PRIOR TO INSPECTION BY THE AUTHORITY HAVING JURISDICTION.
- 9. FOLLOWING INSTALLATION, CONTRACTOR SHALL PATCH, PAINT, AND RESTORE ALL WALLS AND CEILINGS TO MATCH EXISTING OR DESIRED NEW CONDITION.
- 10. FIRESTOP ALL FIRE-RATED FLOOR OR WALL PENETRATIONS TO MAINTAIN ORIGINAL FIRE RATING TO FULL DEPTH OF OPENING.
- 11. CONTRACTOR SHALL PROVIDE SLEEVE FOR CONDUIT PENETRATIONS THROUGH WALL AND CEILING FLOORS.



1 FIRE ALARM FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

CONSULTANT INFORMATION



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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 - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
FIRE ALARM FIRST FLOOR PLAN

CONTRACT NUMBER
22-523

SHEET NUMBER
CXE-FA-21

DWG NO.: **307 of 664**

SCALE: **As indicated**

DATE: **08/23/2022**

DPW FILE NUMBER
1-118-FA-1056-0

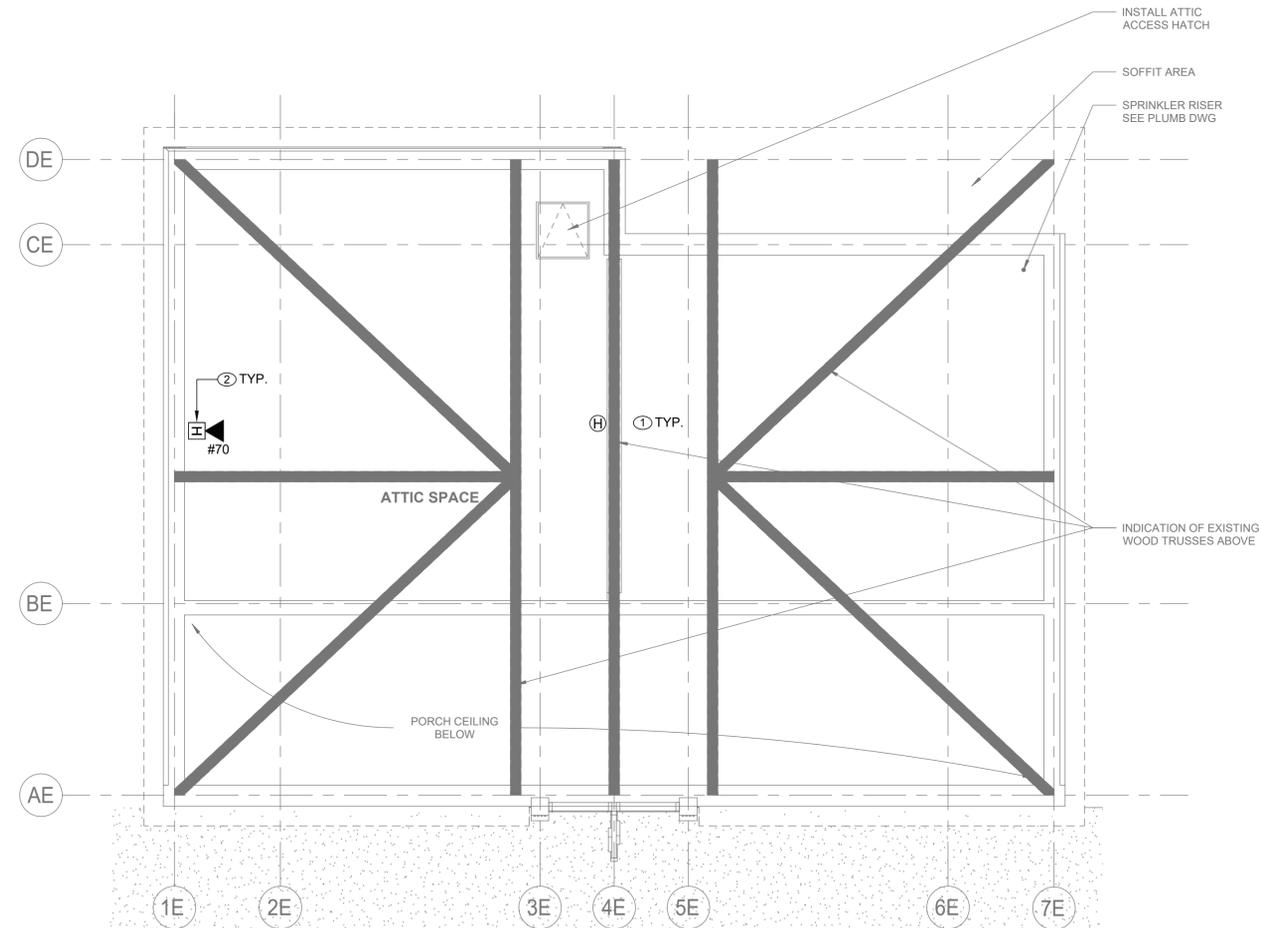
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FIRE ALARM CONSTRUCTION NOTES:

- ① CONNECT NEW FIRE ALARM DEVICES TO EXISTING FIRE ALARM CONTROL PANEL IN SUBSTATION 4 ELECTRICAL ROOM.
- ② FIRE ALARM STROBES AND HORN STROBES SHALL BE FIELD ADJUSTABLE AND SET CANDELA RATING INDICATED ON PLAN. FIRE ALARM STROBES AND HORN STROBES SHALL BE INSTALLED AT 7'-4" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.

FIRE ALARM GENERAL NOTES:

1. REFER TO DRAWING FA-001.00 FOR SYMBOLS, ABBREVIATIONS, AND NOTES. LAYOUT OF FIRE ALARM DEVICES ON THIS PLAN IS DIAGRAMMATIC. EXACT LOCATIONS OF DEVICES AND CONDUIT SHALL BE COORDINATED WITH FIELD CONDITIONS, ARCHITECTURAL REQUIREMENTS, AND MANUFACTURER RECOMMENDATIONS.
2. ALL DEVICES AND EQUIPMENT SHOWN ON THIS PLAN ARE NEW, UNLESS OTHERWISE NOTED.
3. INSTALL NEW FIRE ALARM SYSTEM IN STRICT ACCORDANCE WITH NFPA-72 AND NFPA-90A REQUIREMENTS.
4. CONTRACTOR SHALL INSTALL NEW FIRE ALARM SYSTEM AS INDICATED AND PROVIDE ALL NECESSARY WIRING, CONDUIT, AND APPARATUS.
5. ALL VISUAL NOTIFICATION DEVICES IN THE SAME SPACE SHALL BE SYNCHRONIZED IN ACCORDANCE WITH NFPA-72.
6. COORDINATE INSTALLATION WITH FIRE ALARM SYSTEM VENDOR AND MANUFACTURER REQUIREMENTS.
7. COORDINATE FIRE ALARM DEVICES WITH ARCHITECTURAL FINISHES. CONCEAL CONDUIT IN FINISHED WALLS AND FLUSH MOUNT DEVICES WHERE POSSIBLE.
8. CONTRACTOR SHALL TEST THE FIRE ALARM SYSTEM AFTER COMPLETION OF INSTALLATION. FIRE ALARM SYSTEM SHALL BE TESTED AND VERIFIED TO BE WORKING PROPERLY PRIOR TO INSPECTION BY THE AUTHORITY HAVING JURISDICTION.
9. FOLLOWING INSTALLATION, CONTRACTOR SHALL PATCH, PAINT, AND RESTORE ALL WALLS AND CEILINGS TO MATCH EXISTING OR DESIRED NEW CONDITION.
10. FIRESTOP ALL FIRE-RATED FLOOR OR WALL PENETRATIONS TO MAINTAIN ORIGINAL FIRE RATING TO FULL DEPTH OF OPENING.
11. CONTRACTOR SHALL PROVIDE SLEEVE FOR CONDUIT PENETRATIONS THROUGH WALL AND CEILING FLOORS.



1 FIRE ALARM ATTIC PLAN
SCALE: 1/4" = 1'-0"

CONSULTANT INFORMATION



CONSULTANT SEAL



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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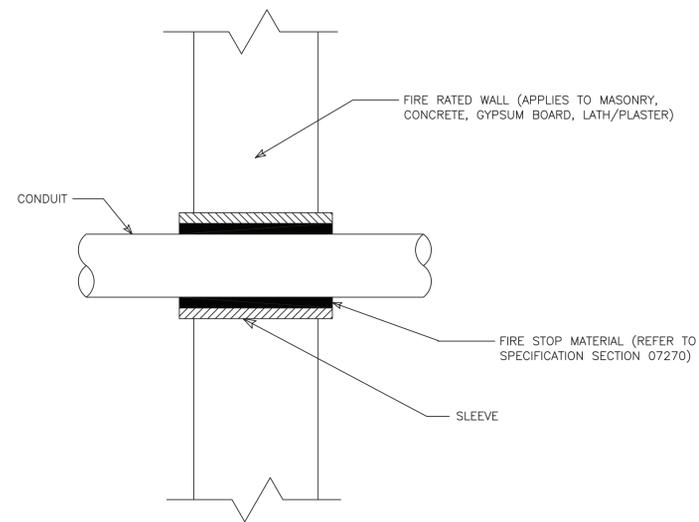
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PROJECT COORDINATOR
NAME _____
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TITLE _____

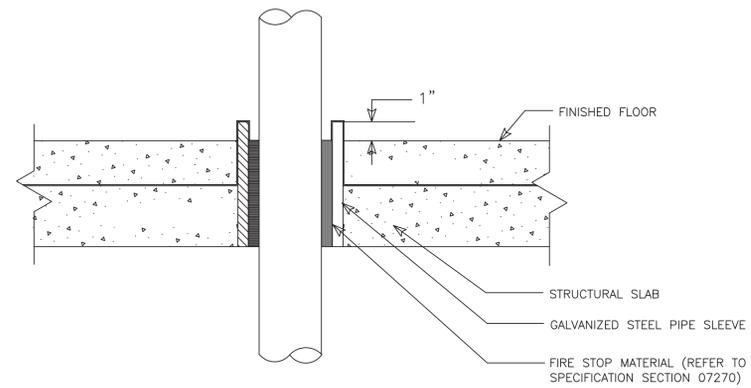
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
FIRE ALARM ATTIC PLAN

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-FA-22
DWG NO.: 308 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-FA-1057-0	REV. NO. 0



1 CONDUIT PENETRATION THRU FIRE RATED WALL
FA-81 NOT TO SCALE



2 CONDUIT PENETRATION THRU FLOOR SLAB
FA-81 NOT TO SCALE

CONSULTANT INFORMATION



CONSULTANT SEAL



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

**INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
FIRE ALARM DETAILS**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-FA-81
DWG NO.: 309 of 664	
SCALE: As indicated	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-FA-1058-0	REV. NO. 0

GENERAL NOTES:

- DIMENSIONS INDICATED ON THE DRAWINGS ARE APPROXIMATE AND SUBJECT TO REVISIONS AS PER ACTUAL FIELD CONDITIONS.
- CONTRACTOR SHALL COMPLY WITH ALL NYSDEC PERMIT REQUIREMENTS AND ANY OTHER STATE, COUNTY, CITY OR TOWN AGENCY HAVING JURISDICTION. REFER TO THE CONTRACT SPECIFICATIONS FOR PERMIT REQUIREMENTS.
- CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO MAINTAIN UTILITY SERVICE TO AND FROM BUILDINGS AND PARK AREAS.
- ANY UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND HAVE BEEN OBTAINED FROM AVAILABLE SOURCES. THE EXISTENCE AND LOCATION OF ANY UTILITIES INDICATED ON THE PLANS ARE NOT GUARANTEED AND SHALL BE INVESTIGATED AND VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE STARTING WORK. THE CONTRACTOR SHALL HAVE ALL EXISTING UTILITIES FIELD STAKED BEFORE STARTING WORK BY CALLING DIG SAFELY NEW YORK AT 1-800-962-7962. EXCAVATION IN THE VICINITY OF UNDERGROUND UTILITIES SHALL BE DUG BY HAND. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. NO SEPARATE PAYMENT SHALL BE MADE FOR THIS WORK.
- THE CONTRACTOR WILL BE REQUIRED TO PROVIDE PRIVATE UTILITY MARKOUTS FOR ALL UTILITIES IN THE WORK AREAS. THE CONTRACTOR SHALL SUBMIT THE PROPOSED UTILITY SUB-CONTRACTOR FOR APPROVAL.
- THE CONTRACTOR SHALL OBTAIN AND HAVE ON THE JOB SITE, AT ALL TIMES, ALL PERMITS AS REQUIRED BY THE STATE, COUNTY, CITY, TOWN/VILLAGE OR ANY OTHER PERMITTING AGENCY. THE CONTRACTOR SHALL BEAR ALL COSTS OF OBTAINING THESE PERMITS.
- CONTRACTOR SHALL REMOVE ALL DEBRIS AND EXCESS CONSTRUCTION MATERIALS TO THE SATISFACTION OF THE OWNER AND ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND LEGAL DISPOSAL OF ALL MATERIALS RESULTING FROM THE CONTRACT.
- CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE OWNER AND ENGINEER TO MINIMIZE INTERRUPTIONS TO NORMAL PARK OPERATIONS.
- CONTRACTOR SHALL SUBMIT A DETAILED WORK PLAN INCLUDING SEQUENCE OF OPERATIONS PRIOR TO COMMENCING WORK AND SHALL BE SUBJECT TO APPROVAL OF THE OWNER/ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO THE START OF CONSTRUCTION. IN ADDITION, IF WORK SHOULD BE STOPPED AND RESTARTED FOR ANY REASON, THE CONTRACTOR SHALL GIVE THE ENGINEER A MINIMUM OF SEVENTY-TWO (72) HOURS NOTICE.
- ITEMS SUSTAINING DAMAGE DURING CONSTRUCTION AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AND/OR REPLACED TO THE SATISFACTION AND APPROVAL OF THE OWNER AT THE CONTRACTOR'S EXPENSE. ANY DAMAGE SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
- ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PRESERVE THE MATERIAL BELOW AND BEYOND THE LINES OF ALL EXCAVATION IN THE SOUNDTEST POSSIBLE CONDITION. ANY DAMAGE TO THE WORK DUE TO THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE EXPENSE OF AND BY THE CONTRACTOR.
- NO MATERIALS OF ANY KIND SHALL BE USED UNTIL IT HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER; ALL MATERIALS REJECTED SHALL BE IMMEDIATELY REMOVED FROM THE WORK SITE AND SHALL NOT BE OFFERED FOR INSPECTION AGAIN.
- ANY MATERIALS OR WORKMANSHIP FOUND AT ANY TIME TO BE DEFECTIVE SHALL BE REMEDIED AT ONCE, REGARDLESS OF PREVIOUS INSPECTION, THE INSPECTION AND OBSERVATION OF WORK BY THE ENGINEER IS INTENDED TO AD THE CONTRACTOR IN APPLYING LABOR AND MATERIAL TO AND IN ACCORDANCE WITH THE SPECIFICATION, BUT SUCH INSPECTION SHALL NOT RELEASE THE CONTRACTOR FROM ANY CONTRACT OBLIGATIONS.
- THE CONTRACTOR SHALL CONDUCT THE WORK IN A SAFE MANNER SO AS TO POSE NO DANGER OR HAZARDS TO PERSONS OR PROPERTY. WHERE NECESSARY, TEMPORARY SHIELDS OR OTHER PROTECTIVE DEVICES MUST BE UTILIZED. THE CONTRACTOR ASSUMES FULL RESPONSIBILITY AND EXPENSE OF ANY AND ALL SAFETY MEASURES. THE USE OF EXPLOSIVES IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA AND NEW YORK STATE DEPARTMENT OF LABOR REQUIREMENTS.
- RESEED ALL AREAS WHERE WORK OCCURS AND/OR WHERE CONTRACTOR DAMAGES EXISTING GRASS. COMPLY WITH THE SPECIFICATIONS. STAGING AREAS SHALL BE RESTORED TO ORIGINAL CONDITION AND SHALL BE SEEDDED FOLLOWING COMPLETION OF ALL PHYSICAL WORK.
- THE CONTRACTOR SHALL HAVE A COMPETENT REPRESENTATIVE PRESENT WHO SHALL RESPOND TO ANY QUESTIONS OR REQUESTS OF THE ENGINEER IN THE PROSECUTION AND COMPLETION OF THE WORK IN CONFORMITY WITH THIS CONTRACT, AND SHALL HAVE FULL AUTHORITY TO SUPPLY LABOR AND MATERIAL IMMEDIATELY. THE CONTRACTOR SHALL ALSO HAVE A COMPETENT REPRESENTATIVE AVAILABLE TO RECEIVE TELEPHONE MESSAGES AND PROVIDE A REASONABLE REPLY AS SOON AS POSSIBLE, BUT NO LATER THAN 24 HOURS.
- NEITHER THE OWNER OR ENGINEER SHALL BE RESPONSIBLE FOR THE MEANS AND METHODS CHOSEN BY THE CONTRACTOR TO COMPLETE THE WORK.
- THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR SITE SAFETY AND THE SAFETY OF THE CONTRACTOR'S WORK FORCE.
- BACKFILL AT ALL EXCAVATIONS SHALL BE PLACED IN 6" LIFTS AND SHALL ACHIEVE A COMPACTION NOT LESS THAN 95 PERCENT OF STANDARD PROCTOR MAXIMUM DENSITY. UNDER THE TERMS OF THE CONTRACT, THE CONTRACTOR SHALL PERFORM FIELD TESTS BY AN APPROVED LABORATORY TO ASSURE THE COMPACTION RATE AT VARYING DEPTHS. THE CONTRACTOR SHALL BEAR ALL COSTS FOR TESTING AND ANY DELAYS THAT RESULT FROM SUCH TESTING.
- THE CONTRACTOR SHALL ADJUST ALL MANHOLE FRAMES AND COVERS, VALVE COVERS, WATERVALVE BOXES, DRAINAGE INLETS, ETC. AS NECESSARY TO MEET THE SURFACE OF NEW PAVEMENT OR WALKWAY AS REQUIRED TO ALLOW POSITIVE DRAINAGE. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK UNLESS OTHERWISE NOTED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL COORDINATE THIS ACTIVITY WITH THE RELATED UTILITY COMPANIES, IF APPLICABLE. WARPING OF THE PAVEMENT SURFACE TO MEET THESE ITEMS WILL NOT BE PERMITTED.
- ALL EXISTING SIGNS IN THE CONTRACT AREA ARE TO REMAIN INTACT. SIGNS DAMAGED SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ANY SIGNS THAT REQUIRE RESETTING SHALL BE PLACED IN A FINAL POSITION DETERMINED BY THE OWNER. NO SEPARATE PAYMENT SHALL BE MADE FOR THIS WORK. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR SIGNS DAMAGED BY HIS OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO BURIED AND OVERHEAD UTILITIES LOCATED ON PUBLIC AND PRIVATE PROPERTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO FACILITIES ON PUBLIC AND PRIVATE PROPERTY, SUCH AS, LANDSCAPING, DRIVEWAYS, CURBS, PAVEMENT, SIDEWALK, ETC.
- CONTRACTOR IS RESPONSIBLE TO COORDINATE AND VERIFY THE EXTENT OF ALL DEMOLITION WITH THE ENGINEER PRIOR TO PERFORMING THE WORK.
- CONTRACTOR SHALL RESTORE STAGING AREA BACK TO ITS ORIGINAL CONDITION INCLUDING GRADING, SEEDING ETC. EXISTING TREES, UTILITIES, LIGHT POLES, STONE, SIDEWALK, CURB, ETC. SHALL BE PROTECTED AND REPLACED IF DAMAGED. PROVIDE ELECTRICAL POWER, WATER, TELEPHONE, ETC. AS SPECIFIED FOR THE ENGINEERS TRAILER WHICH SHALL BE LOCATED IN THE STAGING AREA.

SURVEY NOTES:

- HORIZONTAL COORDINATES SHOWN HEREON REFER TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), NEW YORK STATE PLANE COORDINATE SYSTEM, NEW YORK EAST ZONE 3101.
- VERTICAL ELEVATIONS SHOWN HEREON REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88) WHICH IS BASED ON THE UNITED STATES COAST & GEODETIC SURVEY MEAN SEA LEVEL AT SANDY HOOK, NEW JERSEY.
- LOCATION OF UTILITIES AS SHOWN ARE BASED UPON MAP TITLED "PARTIAL TOPOGRAPHICAL AND UTILITY SURVEY OF RYE PLAYLAND PARK" BY LKB LAST UPDATED SEPTEMBER 8, 2017.
- LOCATIONS OF UNDERGROUND UTILITIES SHOWN ON THIS SURVEY ARE APPROXIMATE. RIT ENGINEERING, GEOLOGY, AND LAND SURVEYING, P.C., CANNOT GUARANTEE THE LOCATION OF UNDERGROUND UTILITIES AND STRUCTURES. THE STANDARD OF CARE USED BY RIT ENGINEERING, GEOLOGY, AND LAND SURVEYING, P.C. TO LOCATE THE UTILITIES IS REASONABLE AND CONSISTENT WITH THE LOCAL STANDARD OF CARE USED TO LOCATE THE UNDERGROUND UTILITIES. LOCATIONS AND SIZE ARE BASED ON UTILITY MARK-OUTS, AS-BUILT MAPS AND OTHER VISIBLE SURFACE EVIDENCE OBSERVED IN THE COURSE OF THIS SURVEY. PRIOR TO EXCAVATION OR CONSTRUCTION THE LOCATION, SIZE AND TYPE OF ALL UNDERGROUND UTILITY LOCATIONS MUST BE VERIFIED BY THE RESPECTIVE UTILITY COMPANY.
- THE SUBJECT PROPERTY OF RYE PLAYLAND PARK FALLS WITHIN FEMA FLOOD ZONES AE (EL 12), AE (EL 13), VE (EL 14), VE (EL 15), VE (EL 16), VE (EL 17) AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP COMMUNITY PANEL #36119C0358 F EFFECTIVE DATE SEPTEMBER 28, 2007 AND FEMA FLOOD INSURANCE RATE MAP COMMUNITY PANEL #36119C0356 F EFFECTIVE DATE SEPTEMBER 28, 2007. FEMA ELEVATIONS REFER TO NAVD88.

DEMOLITION NOTES:

- ALL REQUIRED DEMOLITION PERMITS MUST BE OBTAINED FROM ALL REQUIRED AGENCIES PRIOR TO COMMENCEMENT OF WORK.
- ANY ASBESTOS REMOVAL MUST BE DONE BY A CERTIFIED ASBESTOS REMOVAL CONTRACTOR.
- ALL UTILITY COMPANIES MUST BE NOTIFIED A MINIMUM OF 48 HOURS IN ADVANCE OF DEMOLITION.
- FOR ALL UTILITIES, CONTRACTOR SHALL VERIFY DISCONNECT PRIOR TO DEMOLITION.
- PROPER FENCING OR PUBLIC PROTECTION DEVICES MUST BE CONSTRUCTED AND MAINTAINED AROUND THE PERIMETER OF THE SITE AT ALL TIMES DURING DEMOLITION PHASE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTROL DUST, DIRT, AND DEBRIS DURING DEMOLITION AND CONSTRUCTION PHASES.
- IF SUSPICIOUS AND/OR HAZARDOUS MATERIAL IS ENCOUNTERED DURING DEMOLITION / CONSTRUCTION, ALL WORK SHALL STOP AND THE COUNTY DEPARTMENT OF HEALTH AND THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SHALL BE NOTIFIED IMMEDIATELY. WORK SHALL NOT RESUME UNTIL THE CONTRACTOR HAS OBTAINED APPROPRIATE ACTION FOR DEALING WITH THE WASTE MATERIAL.
- WHERE EXISTING CURB, GUTTER, SIDEWALK OR WALK IS TO BE REMOVED, IT SHALL BE SAW CUT OR REMOVED AT THE NEAREST JOINT.
- THE CONTRACTOR SHALL PERFORM DAILY CLEANUP OPERATIONS WHICH INCLUDE SWEEPING OF THE ROADWAYS, REMOVAL OF DEBRIS (CUPS, PAPER BAGS, CANS, ETC.), REMOVAL OF EXCESS CONSTRUCTION MATERIALS, ALL TO THE SATISFACTION OF THE OWNER.
- THE CONTRACTOR SHALL CONFORM TO ALL STATE AND LOCAL RULES, REGULATIONS AND LAWS WHICH SHALL COVER THE HAULING AND DISPOSING OF TREES, SHRUBS, STUMPS, ROOTS, RUBBISH, DEBRIS AND OTHER MATTER.
- NO TREES, SHRUBS, ROOTS, BRANCHES, WOOD, CONCRETE OR OTHER DEBRIS SHALL BE BURIED IN FILLS, EMBANKMENTS OR STOCK PILES.
- NO CLEARED MATTER, DEBRIS SHALL BE STORED AT THE CONSTRUCTION SITE.
- CONTRACTOR SHALL GUARANTEE THAT WORK PERFORMED UNDER THIS CONTRACT WILL NOT PERMANENTLY DAMAGE TREES, SHRUBS, TURF OR PLANTS DESIGNATED TO REMAIN, OR OTHER ADJACENT WORK OR FACILITIES. IF DAMAGE RESULTING FROM CONTRACTOR'S OPERATIONS APPEARS DURING THE PERIOD UP TO 24 MONTHS AFTER COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REPLACE DAMAGED ITEMS AT HIS EXPENSE.
- DAMAGE TO ANY EXISTING ITEMS, NOT SHOWN IN CONTRACT DOCUMENTS TO BE REMOVED, SUCH AS PAVEMENT, GRASSED AREAS, UTILITIES, STRUCTURES OR OTHER FACILITIES SHALL BE REPAIRED BY THE CONTRACTOR IMMEDIATELY AT HIS OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER AND OWNER. ALL ASPHALT PAVEMENTS, GRASSED AREAS AND LANDSCAPING THAT ARE DAMAGED OR DISTURBED SHALL BE RESTORED IN ACCORDANCE WITH APPLICABLE SECTIONS ON THE CONTRACT SPECIFICATIONS.
- EXCEPT AS NOTED BELOW, CONTRACTOR SHALL REMOVE FROM THE SITE AND SATISFACTORILY DISPOSE OF ALL TREES, SHRUBS, ROOTS, BRUSH, MASONRY, RUBBISH, SCRAP, DEBRIS, PAVEMENT, CURBS, FENCES AND MISCELLANEOUS OTHER ITEMS NOT COVERED UNDER OTHER SECTIONS AS SHOWN, SPECIFIED OR OTHERWISE REQUIRED TO PERMIT CONSTRUCTION OF NEW WORK.
- BURNING OF MATERIAL IS EXPRESSLY FORBIDDEN.
- TREES AND SHRUBS TO BE SAVED:

- TREES AND SHRUBS WHICH ARE TO REMAIN SHALL BE PROTECTED BY FENCES, BARRICADES, WRAPPING OR OTHER MEANS OF PROTECTION. EQUIPMENT STORAGE, MATERIAL STOCKPILES, ETC., SHALL NOT BE PERMITTED WITHIN TREE BRANCH SPREAD.
- PROTECT ALL OTHER TREES AND SHRUBS FROM DEFACTMENT, INJURY AND DESTRUCTION. PRESERVE TREES WITHIN THE CONTRACT LIMITS THAT ARE SO DELINEATED ON THE PLANS OR AS MARKED IN THE FIELD BY THE ENGINEER. ALSO, ALL TO BE SAVED SHALL BE PROTECTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- DO NOT CUT ROOTS UNNECESSARILY. HANDWORK OR OTHER METHODS SHALL BE IMPLEMENTED TO PREVENT DAMAGE TO ROOTS WHICH EXTEND INTO GRADING LIMITS OR LIMITS OF EXCAVATION. DISTURB ROOTS AS LITTLE AS POSSIBLE WHEN TUNNELING UNDER TREES. BACKFILLING AROUND TREE ROOTS SHALL BE DONE IMMEDIATELY AFTER COMPLETION OF CONSTRUCTION IN THE VICINITY OF TREES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL VEGETATION FROM DAMAGE RESULTING FROM EMISSIONS FROM MOTORIZED EQUIPMENT.
- CONTRACTOR SHALL BE VIOLANT OF ANY OVERHEAD UTILITY LINES WHEN USING AERIAL EQUIPMENT FOR TREE TRIMMING OPERATIONS.
- DURING WORKING OPERATION, PROTECT THE TRUNK, FOLIAGE, AND ROOT SYSTEM OF ALL TREES TO BE SAVED WITH BOARDS OR OTHER GUARDS AND AS REQUIRED TO PREVENT DAMAGE, INJURY AND DEFACTMENT. DO NOT PILE EXCAVATED MATERIAL ADJACENT TO THE BASE OF ANY TREES. DO NOT ALLOW RUNOFF TO ACCUMULATE AROUND BASE OF TREES. DO NOT FASTEN OR ATTACH ROPES, CABLE OR GUY WIRES TO TREES WITHOUT PERMISSION OF THE ENGINEER. WHEN SUCH PERMISSION IS GRANTED, PROTECT THE TREE BEFORE MAKING FASTENING OR ATTACHMENTS BY PROVIDING BURLAP WRAPPING AND SOFTWOOD CLEATS. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR DAMAGE RESULTING FROM THESE ACTIONS. USE OF AXES OR CLIMBING SPURS FOR TRIMMING WILL NOT BE PERMITTED. PROVIDE CLIMBING ROOPS DURING TRIMMING.
- REMOVE SHRUBS TO BE SAVED, TAKING A SUFFICIENT EARTH BALL AT THE ROOTS TO MAINTAIN THE SHRUB. TEMPORARILY REPLANT IF REQUIRED, AND REPLACE AT THE COMPLETION OF CONSTRUCTION IN CONDITION EQUALING THE ORIGINAL.
- H. TREE AND SHRUB REPAIR WHERE REQUIRED SHALL BE PERFORMED BY A TREE SURGEON.

SITE NOTES:

- THE CONTRACTOR SHALL PERFORM ALL WORK IN COMPLIANCE WITH TITLE 29 OF FEDERAL REGULATIONS, PART 1926, SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION(OSHA).
- HIGHWAY DRAINAGE ALONG ALL ROADS AND PRIVATE DRIVES SHALL BE KEPT CLEAN OF MUD, DEBRIS ETC. AT ALL TIMES.
- REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING INFORMATION.
- THE CONTRACTOR SHALL CONSULT THE DESIGN ENGINEER BEFORE DEVIATING FROM THESE PLANS.
- IN ALL TRENCH EXCAVATIONS, CONTRACTOR MUST LAY THE TRENCH SIDE SLOPES BACK TO A SAFE SLOPE, USE A TRENCH SHIELD OR PROVIDE SHEETING AND BRACING IF REQUIRED.
- THE CONTRACTOR SHALL TAKE PRECAUTIONS TO MAINTAIN A MINIMUM OF 2' OF COVER OVER ALL EXISTING AND NEW STORM AND SANITARY PIPES DURING CONSTRUCTION.
- ALL EXISTING SURFACE APPURTENANCES (I.E. WATER VALVES, CATCH BASIN FRAMES AND GRATES, MANHOLE COVERS) WITHIN THE PROJECT LIMITS SHALL BE ADJUSTED TO FINISHED GRADE.
- UNLESS COVERED BY THE CONTRACT SPECIFICATIONS OR AS NOTED ON THE PLANS, ALL WORK SHALL CONFORM TO THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED JANUARY 1, 2020 AND ANY SUBSEQUENT AMENDMENTS.

UTILITY NOTES:

- APPROXIMATE LOCATION OF KNOWN UTILITY STRUCTURES AND FACILITIES THAT MAY BE ENCOUNTERED WITHIN AND ADJACENT TO THE LIMITS OF WORK ARE SHOWN ON THE PLANS. THE ACCURACY AND COMPLETENESS OF THIS INFORMATION IS NOT GUARANTEED BY THE ENGINEER. THE CONTRACTOR IS ADVISED TO VERIFY IN FIELD ALL THE FACTS CONCERNING THE UTILITY LOCATIONS AND OTHER CONSTRUCTION OBSTACLES PRIOR TO CONSTRUCTION OF ANY DISCREPANCIES WHICH MAY AFFECT PROJECT DESIGN AND/OR SCOPE.
- ALL ABANDONED WATER LINES SHALL BE CUT AND CAPPED IN ACCORDANCE WITH WESTCHESTER COUNTY REQUIREMENTS.
- TRENCH DETAILS ARE INTENDED TO PROVIDE INFORMATION REGARDING BACKFILLING MATERIALS AND GENERAL MATERIAL DEPTHS ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND SHALL PROVIDE APPROPRIATE SAFETY MEASURES, SHEETING AND BRACING AS NECESSARY. SHEETING CONDITIONS ARE TO BE DESIGNED BY A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER AND SUBMITTED TO THE DESIGN ENGINEER FOR APPROVAL. THE DESIGN ENGINEER ASSUMES NO RESPONSIBILITY OR LIABILITY FOR FIELD CONDITIONS, TRENCHING OR BACKFILLING OPERATIONS DURING CONSTRUCTION. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE OSHA STANDARDS AND DETAILS FOR TRENCH EXCAVATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR Dewatering and PRECLUDING ponding of WATER IN ALL AREAS. Dewatering OPERATIONS SHALL BE IN ACCORDANCE WITH NYSDEC REGULATIONS, THE PROJECT STORMWATER POLLUTION PREVENTION PLAN AND WESTCHESTER COUNTY.
- THE CONTRACTOR SHALL COMPLY WITH THE LATEST OSHA CONFINED SPACE ENTRY REQUIREMENTS (29 CFR PART 1910).
- THE CONTRACTOR SHALL COMPLY WITH THE LATEST REVISED OSHA SHEETING REQUIREMENTS (29 CFR PART 1926.650, 651, 652).
- ALL EXISTING UTILITIES THAT ARE TO REMAIN IN SERVICE AND THAT INTERFERE WITH THE WORK SHALL BE RELOCATED UNLESS OTHERWISE SHOWN.
- ALL ABANDONED PIPES SHALL BE PLUGGED, REMOVED, CRUSHED OR FILLED WITH A SUITABLE MATERIAL AS DIRECTED BY THE ENGINEERS, ABANDONED PIPES 12" INSIDE DIAMETER AND LARGER MUST BE REMOVED, FILLED OR CRUSHED IN PLACE. SMALLER PIPES SHALL BE PLUGGED AND ABANDONED IN PLACE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES TO DETERMINE THEIR SCHEDULE FOR PERFORMING UTILITY RELOCATION AND INSTALLATION WORK. THE CONTRACTOR SHALL SCHEDULE THEIR WORK ACCORDINGLY IN ORDER TO NOT INTERFERE WITH THE WORK OF THE UTILITY COMPANIES.
- TRENCHES SHALL BE BACKFILLED WITHOUT DELAY. OPEN TRENCHES SHALL BE TEMPORARILY SUPPORTED AND STEEL PLATED WHEN WORK IS NOT IN PROGRESS. CONTRACTOR MUST ENSURE NO TRENCHES ARE LEFT OPEN OVERNIGHT. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF STEEL PLATES THAT ARE CAPABLE OF FULLY SUPPORTING THE SUBJECTED LOADS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY LIGHTING WITHIN THE LIMITS OF CONSTRUCTION AND FOR ALL AREAS WHERE WHERE EXISTING STREET AND AREA LIGHTING SHUT-DOWN IS REQUIRED TO INSTALL NEW LIGHTING AND ELECTRICAL SERVICE.
- ALL CMP PIPES SHALL FOLLOW NYSDEC SECTION 602-2 AND 707.02, BE HELICAL BITUMINOUS COATED, SHALL HAVE CASKETS AND BANDED JOINTS AND BE OF THE FOLLOWING PIPE GAUGES UNLESS OTHERWISE SPECIFIED:
10" TO 21" - 14 GAUGE
24" TO 30" - 12 GAUGE
30" TO 60" - 10 GAUGE
- IN INSTANCES WHERE THE STORM SEWER CROSSES THE SANITARY SEWER A CRUSHED STONE ENCASEMENT SHALL BE PROVIDED AROUND THE SANITARY SEWER UP TO THE STORM SEWER-COMPACT WITH APPROVED EQUIPMENT
- ALL CATCH BASINS AND STORM MANHOLES WITHIN PAVEMENT TO BE CONSTRUCTED TO WITHSTAND H-20 LOADING.
- ALL EXISTING CATCH BASINS WITHIN WORK LIMITS TO BE CLEANED OF ANY DEBRIS OR SILT.

GRADING NOTES:

- REMOVE AND STOCKPILE TOPSOIL AS DIRECTED BY THE CONSTRUCTION MANAGER. REPLACE TOPSOIL TO A MINIMUM 4" DEPTH. ALL DISTURBED AREAS TO BE HYDROSEED AS DIRECTED BY THE CONSTRUCTION MANAGER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND REMOVAL OF TEMPORARY SEDIMENTATION CONTROLS, INCLUDING SILT SINK AND SILT FENCE. EROSION CONTROL MEASURES SHALL NOT BE REMOVED BEFORE VEGETATION HAS OCCURRED COMPLETELY.
- ALL SILT FENCE TO BE REPLACED WHENEVER THEY BECOME CLOGGED OR INOPERABLE AND SHALL BE REPAVED AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF TOPSOIL TO ALL DISTURBED AREAS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION CONTROL MEASURES AT ALL TIMES.
- EROSION CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH THE NEW YORK STATE GUIDELINES FOR URBAN EROSION SEDIMENT CONTROL MANUAL, WESTCHESTER COUNTY HEALTH DEPARTMENT, AND THE CITY OF RYE REQUIREMENTS.
- ALL INLETS TO THE STORM SEWER SHALL HAVE STONE DROP INLET PROTECTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE BEST MANAGEMENT PRACTICES (BMP'S) UNTIL GROUND COVER IS ESTABLISHED.
- SILT FENCE, JUTE MESH, AND/OR EROSION CONTROL BLANKETS WILL BE USED ON STEEP SLOPES AND WHEREVER NECESSARY TO CONTROL EROSION AND SILTATION OF EXISTING DRAINAGE SYSTEMS AS ORDERED BY THE ENGINEER OR SPECIFIED ON PLANS.
- THE CONTRACTOR SHALL DESIGNATE A MEMBER OF HIS/HER FIRM TO BE RESPONSIBLE TO MONITOR EROSION CONTROL, EROSION CONTROL STRUCTURES, TREE PROTECTION AND PRESERVATION THROUGHOUT CONSTRUCTION.
- ALL DISTURBED AREAS SHALL BE PROTECTED FROM EROSION EITHER BY MULCH OR TEMPORARY SEEDING WITHIN 2 WEEKS OF DISTURBANCE.

SOIL EROSION AND SEDIMENT CONTROL NOTES:

- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES TO BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE STORMWATER POLLUTION PREVENTION PLAN.
- ANY DISTURBED AREAS THAT WILL NOT RECEIVE PERMANENT RESTORATION WITHIN TEN (10) DAYS AFTER FINAL GRADING, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY COVER. THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS.
- PERMANENT VEGETATION TO BE SEEDED OR SOODED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING. MULCH WILL BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.
- ALL WORK TO BE DONE IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN THE STATE OF NEW YORK.
- A SUB-BASE COURSE DETAIL WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE ROADS, DRIVEWAYS PARKING AREAS AND SIDEWALKS. IN AREAS WHERE NO UTILITIES ARE PRESENT, THE SUB-BASE SHALL BE INSTALLED WITHIN 15 DAYS OF THE PRELIMINARY GRADING.
- IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E.; STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY COVER OF STRAW MULCH OR A SUITABLE EQUIVALENT AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO NYS STANDARDS.
- ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E.; SLOPES GREATER THAN 3:1).
- IN ACCORDANCE WITH THE STANDARDS FOR PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION, ANY SOIL HAVING A pH OF 4 OR LESS OR CONTAINING IRON SULFIDES SHALL BE COVERED WITH A MINIMUM OF 12 INCHES OF SOIL HAVING A pH OF 5 OR GREATER PRIOR TO SEEDBED PREPARATION.
- WESTCHESTER COUNTY AND THE ENGINEER, SHALL BE NOTIFIED 72 HOURS IN ADVANCE OF ANY LAND DISTURBING ACTIVITY.
- AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER, SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.
- THE CONTRACTOR SHALL TAKE NECESSARY MEASURES TO MAINTAIN DUST CONTROL. DIRT HAUL ROADS SHALL BE SPRINKLED WITH WATER OR GIVEN A SURFACE OF CRUSHED STONES OR WOOD CHIPS AS REQUIRED. VEHICLES SHALL BE CLEANED, AS NECESSARY, PRIOR TO USING PUBLIC STREETS. PAVED ROADS SHALL BE SPRINKLED WITH WATER.
- ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE LOCATED IN THE FIELD AS REQUIRED OR AT THE DIRECTION OF THE ENGINEER. THE CONTRACT DRAWING ARE NOT INTENDED TO SHOW THE LOCATION AND DETAILS FOR ALL SUCH DEVICES BUT ARE TO BE USED AS A REASONABLE GUIDE.
- ANY CHANGES TO THE SOIL AND SEDIMENT CONTROL PLANS WILL REQUIRE THE SUBMISSION OF REVISED SOIL EROSION AND SEDIMENT CONTROL PLANS TO WESTCHESTER COUNTY AND THE ENGINEER. THE REVISED PLANS MUST BE PREPARED BY THE CONTRACTOR AND MUST MEET ALL CURRENT NYS SOIL EROSION AND SEDIMENT CONTROL PRACTICES.
- CONTRACTOR SHALL OBTAIN ALL REQUIRED SEDIMENT CONTROL PERMITS.
- UPON COMPLETION OF CONSTRUCTION WORK AND AFTER FINAL GRADING AND WHEN PERMANENT STABILIZATION HAS BEEN ESTABLISHED, STRAW BALES, SILT FENCES AND ALL OTHER SOIL PLAN APPURTENANCES WILL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR, UNLESS ORDERED TO REMAIN BY THE ENGINEER.
- ALL EXCESS EXCAVATED MATERIAL, EXCEPT FOR TOP SOIL, WILL BE REMOVED FROM THE SITE BY THE CONTRACTOR IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- CONDUIT OUTLETS AND CATCH BASIN INLETS MUST BE PROTECTED PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION OPERATIONS FOR REVIEW AND SUBMITTAL TO WESTCHESTER COUNTY AND THE ENGINEER.
- THE CONTRACTOR SHALL MEET ENGINEER ON-SITE TO DEFINE THOSE AREAS WHICH WILL REQUIRE SOIL EROSION AND SEDIMENT CONTROL FACILITIES. DISCUSS THEIR CONSTRUCTION AND THEREAFTER PROVIDE DETAILED PLANS FOR REVIEW OF SUCH FACILITIES BY WESTCHESTER COUNTY AND THE ENGINEER.
- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE WHERE POSSIBLE PRIOR TO, OR IMMEDIATELY FOLLOWING SITE AND ACCESS CLEARING.
- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE AND MAINTAINED, INCLUDING SILT AND SEDIMENT REMOVAL, UNTIL CONSTRUCTION IS COMPLETED, AREA STABILIZED AND THE ENGINEER SO DIRECTS.
- CONTRACTOR SHALL CONFINE SOIL DISTURBANCE ACTIVITY TO THE AREAS CONTAINED WITHIN THE "LIMIT OF DISTURBANCE" LINES EXCEPT AS DIRECTED BY THE ENGINEER AND IN ACCORDANCE AND COORDINATION WITH ADJACENT CONTRACTS. SUCH ACTIVITY SHALL ESSENTIALLY CONSIST OF CLEARING, GRUBBING, GRADING AND CONSTRUCTION IN AREAS DEFINED AS BUILDINGS, PIPELINE, PARKING AREAS, DRIVES AND WALKWAYS OR AS MAY BE REQUIRED DUE TO GRADE CHANGES OR RETAINING WALLS.
- ALL Dewatering OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTER AREA. SEDIMENT FILTER SHALL BE INSTALLED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND THE DETAILS OF DESIGN AND CONSTRUCTION SHALL PREPARED AND SUBMITTED BY THE CONTRACTOR TO THE ENGINEER, AND ALL OTHER PERTINENT AGENCIES FOR REVIEW.
- SOIL STABILIZATION METHODS SHALL BE UNDERTAKEN COINCIDENTALLY WITH ALL SITE IMPROVEMENTS AND CONTINUE DURING THE CONSTRUCTION ACTIVITY PERIOD.
- THE LIMITS OF FENCING FOR TREE PROTECTION WILL BE DETERMINED IN THE FIELD PRIOR TO CONSTRUCTION AND WILL INCLUDE THE TREE CANOPY.
- COMPLY WITH GENERAL PERMIT GP-0-20-001, AS OUTLINED IN THE STORM WATER PREVENTION PLAN (SWPPP).

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CONSULTANT INFORMATION



CONSULTANT SEAL



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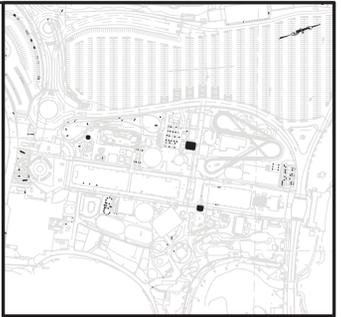
CONTRACTOR
NAME _____
SIGNATURE _____
TITLE _____ DATE _____

PROJECT COORDINATOR
NAME _____
SIGNATURE _____
TITLE _____ DATE _____

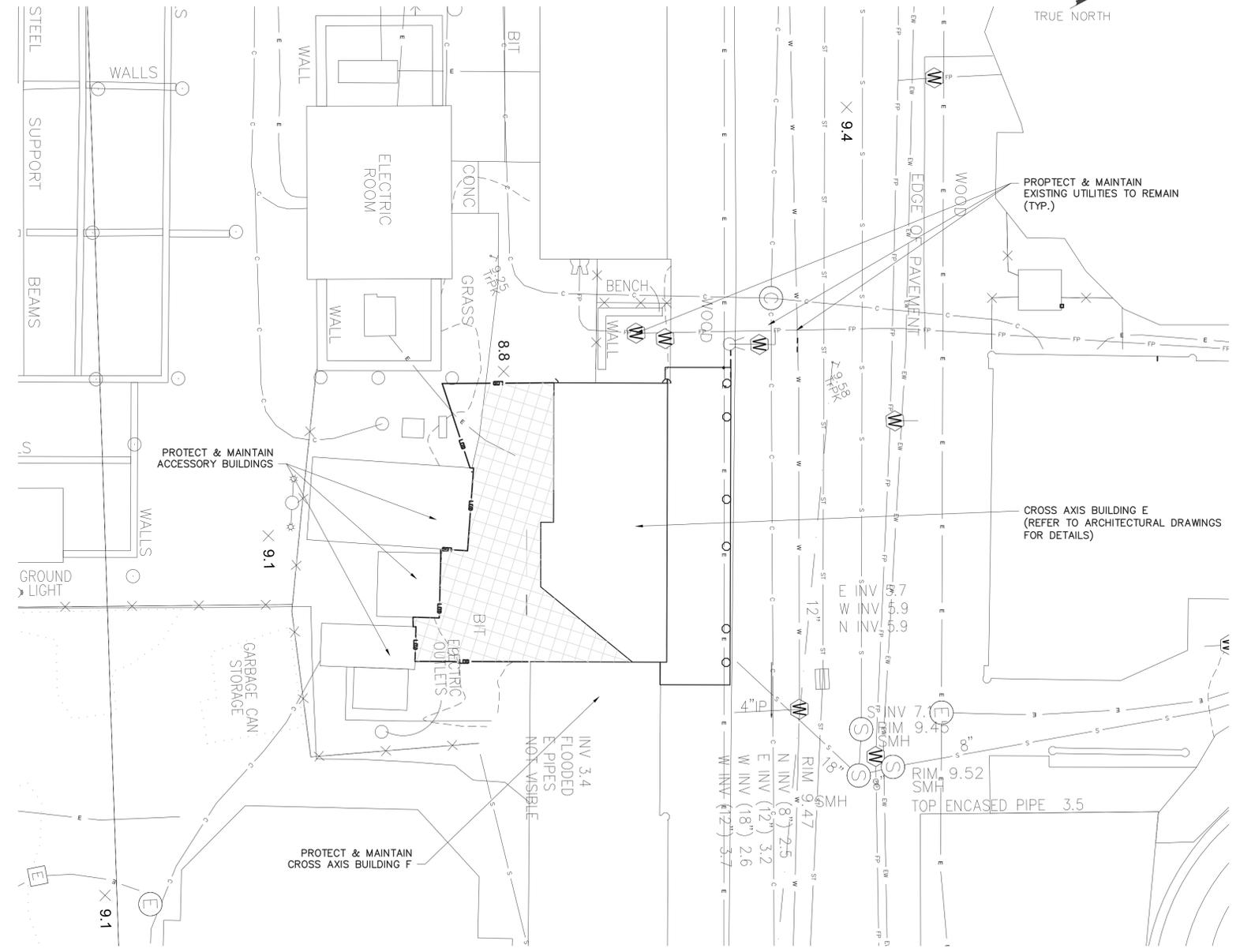
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
GENERAL NOTES

CONTRACT NUMBER	SHEET NUMBER
22-523	CXE-C-01
DWG. NO.: 310 of 664	
SCALE: 1"=10'	
DATE: 08/23/2022	
DPW FILE NUMBER	REV. NO.
1-118-C-1059-0	0



KEY MAP
NOT TO SCALE



EXISTING LEGEND	
	POST
	UTILITY POLE
	HANDICAP PARKING
	GROUND LIGHT
	LIGHT POLE
	UTILITY POLE WITH LIGHT
	LIGHT POLE (SINGLE LIGHT)
	LIGHT POLE (DOUBLE LIGHT)
	LIGHT POLE (MULTI LIGHT)
	BOAT TIE-OFF CLEAT
	CATCH BASIN
	TRENCH DRAIN
	MAILBOX
	UNKNOWN MANHOLE
	COMMUNICATIONS BOX/HAND HOLE
	ELECTRIC HAND HOLE
	GAS METER
	IRRIGATION BOX
	UNKNOWN UTILITY BOX/HAND HOLE
	COMMUNICATION MANHOLE
	DRAINAGE MANHOLE
	ELECTRIC MANHOLE
	SEWER MANHOLE
	STORM SEWER MANHOLE
	SEWER CLEANOUT
	HYDRANT
	SIAMESE CONNECTION
	UNKNOWN VALVE
	WATER VALVE
	GAS VALVE
	WATER SPIGOT OR FOUNTAIN
	MONITORING WELL
	DECIDUOUS BUSH
	EVERGREEN BUSH
	DECIDUOUS TREE
	EVERGREEN TREE
	STUMP
	HEDGE ROW
	TREELINE
	BRUSHLINE
	RETAINING WALL
	GUIDE RAIL
	STONE WALL
	WATERLINE
	FENCE
	UNDERGROUND COMMUNICATION
	UNDERGROUND PROPANE
	UNDERGROUND ELECTRICAL
	UNDERGROUND STREET LIGHTING
	UNDERGROUND ENVIRONMENTAL WASTEWATER
	UNDERGROUND SEWER
	UNDERGROUND STORM SEWER
	UNDERGROUND WATER
	UNDERGROUND FIRE PROTECTION
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR

PROPOSED LEGEND:	
	SAW CUTTING ASPHALT CONCRETE
	LIMITS OF DISTURBANCE
	LIMITS OF PAVEMENT REMOVAL (MILLING & EXCAVATION)
	AREA OF ASPHALT PAVEMENT REMOVAL (FULL DEPTH & EXCAVATION)
	DRAINAGE STRUCTURE INLET PROTECTION

- NOTES:**
- PAVEMENT REMOVAL, MILLING AND EXCAVATION, MATERIAL SHALL NOT BE STOCKPILED ON SITE.
 - EXISTING GRADES, PIPE LOCATIONS, SIZES, MATERIAL, INVERTS AND OTHER EXISTING CONDITIONS ARE SHOWN ON THE DRAWINGS FROM AVAILABLE AS-BUILT DRAWINGS AND FIELD SURVEY BY OTHERS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS.
 - THE CONTRACTOR SHALL TAKE PROPER PRECAUTIONS NOT TO DAMAGE ANY EXISTING SITE CONDITIONS SPECIFICALLY EXCLUDED FROM THE CONTRACT AND WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGE OCCURRING DURING THE COURSE OF THE WORK DURING CONSTRUCTION. THE CONTRACTOR SHALL, AT THEIR OWN EXPENSE, MAKE ALL REPAIRS REQUIRED TO RESTORE ANY DAMAGED AREAS TO ORIGINAL CONDITIONS.



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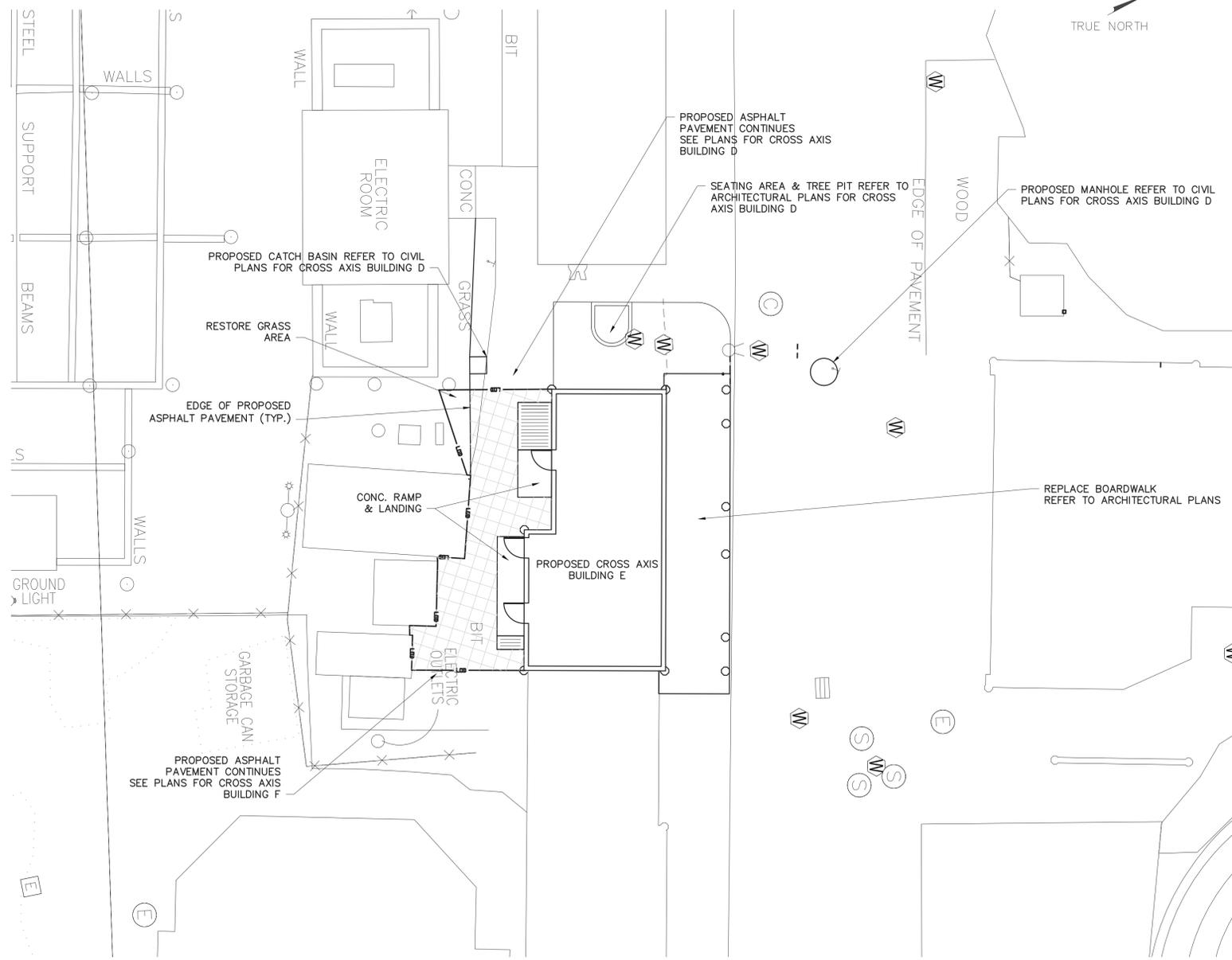
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
EXISTING CONDITIONS/DEMOLITION PLAN**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-C-02
DWG. NO.: 311 of 664	
SCALE: 1"=10'	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-C-1060-0	REV. NO. 0



EXISTING LEGEND

○	POST
○	UTILITY POLE
○	SIGN
○	HANDCAP PARKING
○	GROUND LIGHT
○	LIGHT POLE
○	UTILITY POLE WITH LIGHT
○	LIGHT POLE (SINGLE LIGHT)
○	LIGHT POLE (DOUBLE LIGHT)
○	LIGHT POLE (MULTI LIGHT)
○	BOAT TIE-OFF CLEAT
⊗	CATCH BASIN
⊗	TRENCH DRAIN
⊗	MAILBOX
⊗	UNKNOWN MANHOLE
⊗	COMMUNICATIONS BOX/HAND HOLE
⊗	ELECTRIC HAND HOLE
⊗	ELECTRIC BOX
⊗	GAS METER
⊗	IRRIGATION BOX
⊗	UNKNOWN UTILITY BOX/HAND HOLE
⊗	COMMUNICATION MANHOLE
⊗	DRAINAGE MANHOLE
⊗	ELECTRIC MANHOLE
⊗	SEWER MANHOLE
⊗	STORM SEWER MANHOLE
⊗	SEWER CLEANOUT
⊗	HYDRANT
⊗	SIAMASE CONNECTION
⊗	UNKNOWN VALVE
⊗	WATER VALVE
⊗	GAS VALVE
⊗	WATER SPOUT OR FOUNTAIN
⊗	MONITORING WELL
⊗	DECIDUOUS BUSH
⊗	EVERGREEN BUSH
⊗	DECIDUOUS TREE
⊗	EVERGREEN TREE
⊗	STUMP
⊗	HEDGE ROW
⊗	TREELINE
⊗	BRUSHLINE
⊗	RETAINING WALL
⊗	GUIDE RAIL
⊗	STONE WALL
⊗	WATERLINE
⊗	FENCE
⊗	UNDERGROUND COMMUNICATION
⊗	UNDERGROUND PROPANE
⊗	UNDERGROUND ELECTRICAL
⊗	UNDERGROUND STREET LIGHTING
⊗	UNDERGROUND ENVIRONMENTAL WASTEWATER
⊗	UNDERGROUND SEWER
⊗	UNDERGROUND STORM SEWER
⊗	UNDERGROUND WATER
⊗	UNDERGROUND FIRE PROTECTION

PROPOSED LEGEND:

— x —	MOVABLE CONSTRUCTION FENCE
- - -	SAW CUTTING ASPHALT CONCRETE
— L —	LIMITS OF DISTURBANCE
— P —	LIMITS OF PAVEMENT REMOVAL
⊗	AREA OF FULL DEPTH ASPHALT PAVEMENT
⊗	DRAINAGE STRUCTURE INLET PROTECTION



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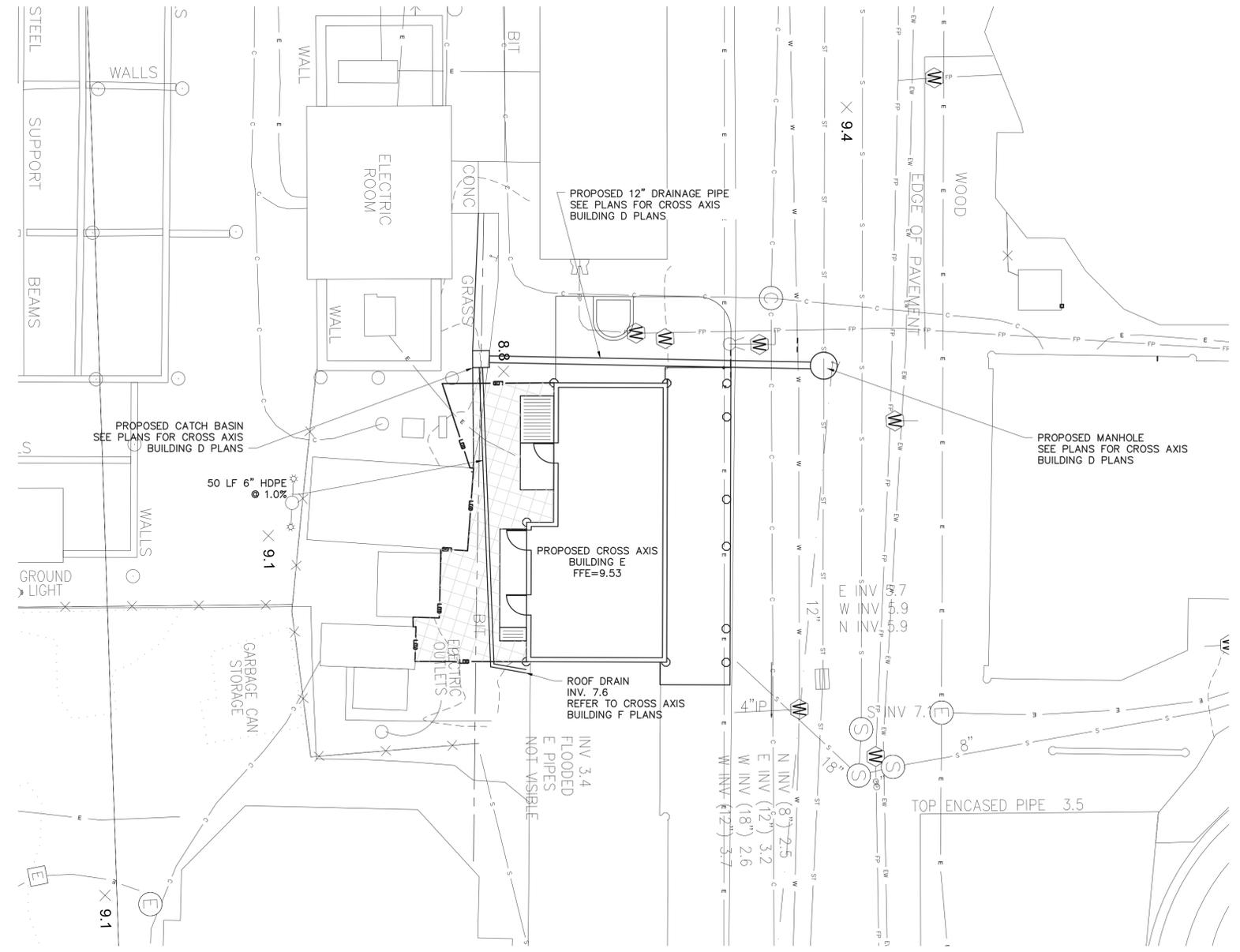
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
SITE CONSTRUCTION PLAN**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-C-03
DWG. NO.: 312 of 664	
SCALE: 1"=10'	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-C-1061-0	REV. NO. 0



EXISTING LEGEND	
	POST
	UTILITY POLE
	SIGN
	HANDICAP PARKING
	GROUND LIGHT
	LIGHT POLE
	UTILITY POLE WITH LIGHT
	LIGHT POLE (SINGLE LIGHT)
	LIGHT POLE (DOUBLE LIGHT)
	LIGHT POLE (MULTI LIGHT)
	BOAT TIE-OFF CLEAT
	CATCH BASIN
	TRENCH DRAIN
	MAILBOX
	UNKNOWN MANHOLE
	COMMUNICATIONS BOX/HAND HOLE
	ELECTRIC HAND HOLE
	ELECTRIC BOX
	GAS METER
	IRRIGATION BOX
	UNKNOWN UTILITY BOX/HAND HOLE
	COMMUNICATION MANHOLE
	DRAINAGE MANHOLE
	ELECTRIC MANHOLE
	SEWER MANHOLE
	STORM SEWER MANHOLE
	SEWER CLEANOUT
	HYDRANT
	SAMESE CONNECTION
	UNKNOWN VALVE
	WATER VALVE
	GAS VALVE
	WATER SPIGOT OR FOUNTAIN
	MONITORING WELL
	DECIDUOUS BUSH
	EVERGREEN BUSH
	DECIDUOUS TREE
	EVERGREEN TREE
	STUMP
	HEDGE ROW
	TREELINE
	BRUSHLINE
	RETAINING WALL
	GUIDE RAIL
	STONE WALL
	WATERLINE
	FENCE
	UNDERGROUND COMMUNICATION
	UNDERGROUND PROPANE
	UNDERGROUND ELECTRICAL
	UNDERGROUND STREET LIGHTING
	UNDERGROUND ENVIRONMENTAL WASTEWATER
	UNDERGROUND SEWER
	UNDERGROUND STORM SEWER
	UNDERGROUND WATER
	UNDERGROUND FIRE PROTECTION

PROPOSED LEGEND:	
	SAW CUTTING ASPHALT CONCRETE
	LIMITS OF DISTURBANCE
	LIMITS OF PAVEMENT REMOVAL (MILLING & EXCAVATION)
	PROPOSED WATER LINE
	PROPOSED CATCH BASIN
	PROPOSED STORM PIPE
	PROPOSED SANITARY MANHOLE
	PROPOSED SANITARY PIPE
	PROPOSED UNDERGROUND ELECTRIC

NOTE:
NO WATER AND SEWER SUPPLY NEEDED FOR THIS BUILDING. SEE FIRE PROTECTION PLAN FOR DETAILS



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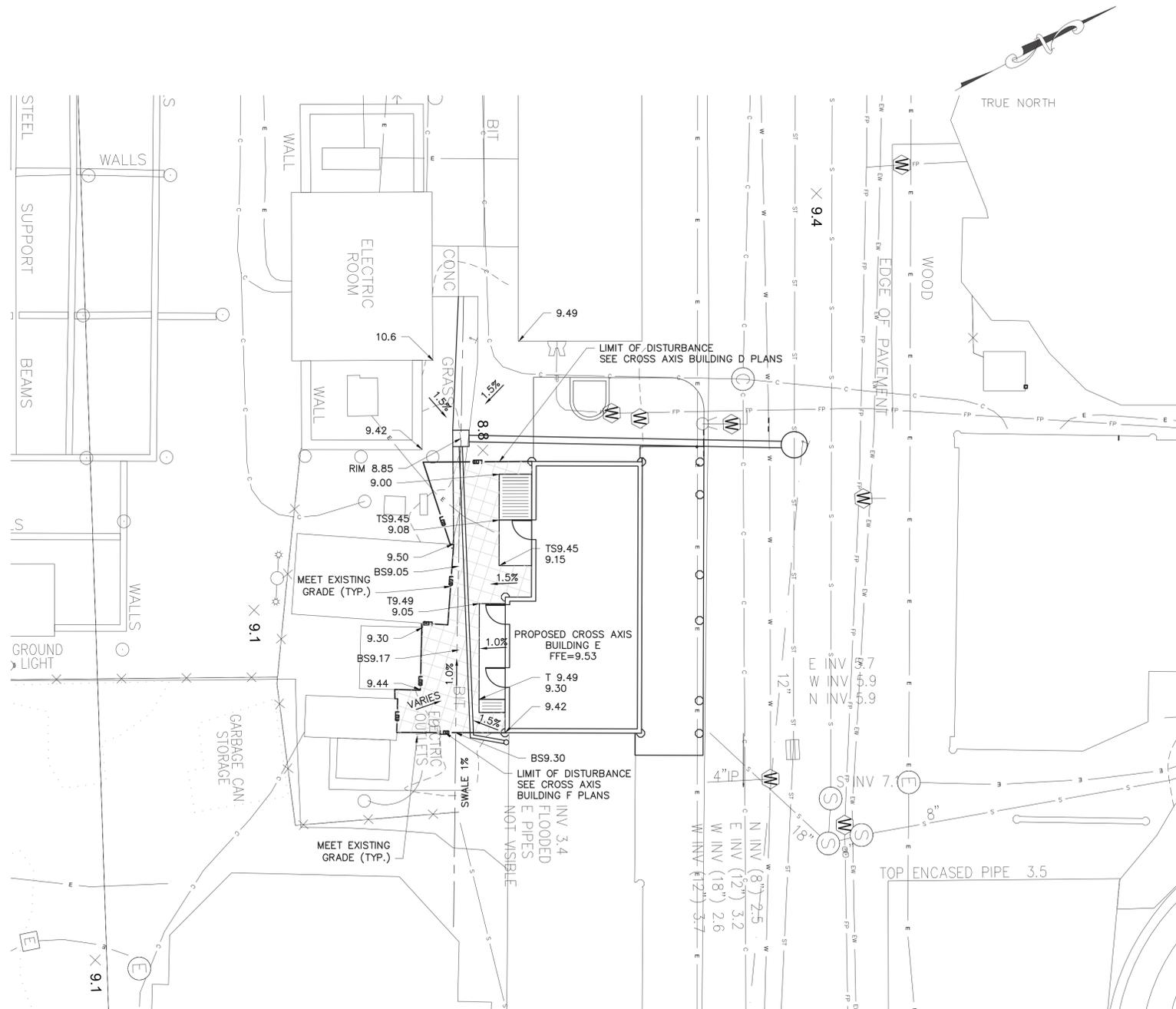
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

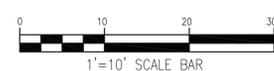
**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
UTILITY CONSTRUCTION PLAN**

CONTRACT NUMBER 22-523	SHEET NUMBER CXE-C-04
DWG. NO.: 313 of 664	
SCALE: 1"=10'	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-C-1062-0	REV. NO. 0



EXISTING LEGEND	
	POST
	UTILITY POLE
	SIGN
	HANDICAP PARKING
	GROUND LIGHT
	LIGHT POLE
	UTILITY POLE WITH LIGHT
	LIGHT POLE (SINGLE LIGHT)
	LIGHT POLE (DOUBLE LIGHT)
	LIGHT POLE (MULTI LIGHT)
	BOAT TIE-OFF CLEAT
	CATCH BASIN
	TRENCH DRAIN
	MAILBOX
	UNKNOWN MANHOLE
	COMMUNICATIONS BOX/HAND HOLE
	ELECTRIC HAND HOLE
	ELECTRIC BOX
	GAS METER
	IRRIGATION BOX
	UNKNOWN UTILITY BOX/HAND HOLE
	COMMUNICATION MANHOLE
	DRAINAGE MANHOLE
	ELECTRIC MANHOLE
	SEWER MANHOLE
	STORM SEWER MANHOLE
	SEWER CLEANOUT
	HYDRANT
	SIAMSESE CONNECTION
	UNKNOWN VALVE
	WATER VALVE
	GAS VALVE
	WATER SPIGOT OR FOUNTAIN
	MONITORING WELL
	DECIDUOUS BUSH
	EVERGREEN BUSH
	DECIDUOUS TREE
	EVERGREEN TREE
	STUMP
	HEDGE ROW
	TREELINE
	BRUSHLINE
	RETAINING WALL
	GUIDE RAIL
	STONE WALL
	WATERLINE
	FENCE
	UNDERGROUND COMMUNICATION
	UNDERGROUND PROPANE
	UNDERGROUND ELECTRICAL
	UNDERGROUND STREET LIGHTING
	UNDERGROUND ENVIRONMENTAL WASTEWATER
	UNDERGROUND SEWER
	UNDERGROUND STORM SEWER
	UNDERGROUND WATER
	UNDERGROUND FIRE PROTECTION
	EXISTING SPOT ELEVATION
	EXISTING TOP OF GRATE ELEVATION

PROPOSED LEGEND:	
	SAW CUTTING ASPHALT CONCRETE
	LIMITS OF DISTURBANCE
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	PROPOSED SPOT ELEVATION
	PROPOSED BOTTOM SWALE
	TOP OF SLAB
	PROPOSED INLET PROTECTION



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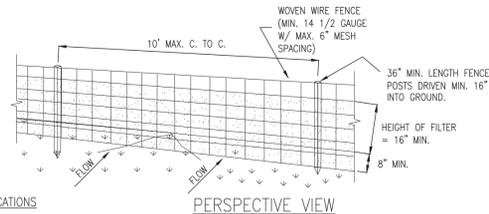
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
GRADING AND EROSION CONTROL PLAN**

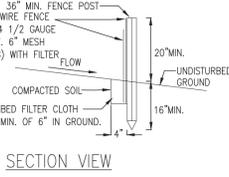
CONTRACT NUMBER 22-523	SHEET NUMBER CXE-C-05
DWG. NO.: 314 of 664	
SCALE: 1"=10'	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-C-1063-0	REV. NO. 0



CONSTRUCTION SPECIFICATIONS

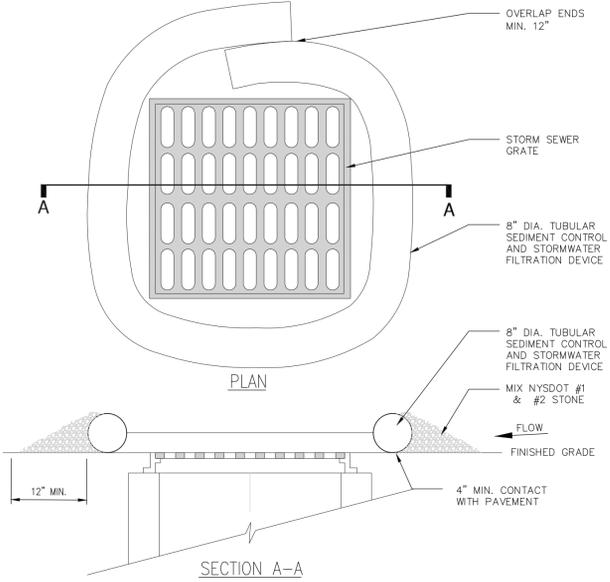
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
- PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

PERSPECTIVE VIEW



SECTION VIEW

**SILT FENCE INSTALLATION DETAIL
ITEM NO. 209.13
N.T.S.**



NOTES:

- TUBULAR SEDIMENT CONTROL AND STORMWATER FILTRATION DEVICES SHALL BE FILTREXX FILTERSOX, OR EQUIVALENT.
- REPLACE AND DISPOSE OF PER MANUFACTURERS SPECIFICATIONS.
- THIS PRACTICE INCLUDES SANDBAGS, COMPOST FILTER SOCKS, GEO-TUBES FILLED WITH BALLAST, AND MANUFACTURED SURFACE BARRIERS. PEA GRAVEL CAN ALSO BE USED IN CONJUNCTION WITH THESE PRACTICES TO IMPROVE PERFORMANCE. WHEN INLET IS NOT AT A LOW POINT, AND IS OFF-SET FROM THE PAVEMENT OR GUTTER LINE, PROTECTION SHOULD BE SELECTED AND INSTALLED SO THAT FLOWS ARE NOT DIVERTED AROUND INLET.
- THE DRAINAGE AREA SHOULD BE LIMITED TO 1 ACRE AT THE DRAINAGE INLET. ALL PRACTICES WILL BE PLACED AT THE INLET PERIMETER OR BEYOND TO MAXIMIZE THE FLOW CAPACITY OF THE INLET. PRACTICES SHALL BE WEIGHTED, BRACED, TIED, OR OTHERWISE ANCHORED TO PREVENT MOVEMENT OR SHIFTING OF LOCATION ON PAVED SURFACES. TRAFFIC SAFETY SHALL BE INTEGRATED WITH THE USE OF THIS PRACTICE. ALL PRACTICES SHOULD BE MARKED WITH TRAFFIC SAFETY CONES AS APPROPRIATE. STRUCTURE HEIGHT SHALL NOT CAUSE FLOODING OR BY-PASS FLOW THAT WOULD CAUSE ADDITIONAL EROSION. THE STRUCTURE SHOULD BE INSPECTED AFTER EVERY STORM EVENT. ANY SEDIMENT SHOULD BE REMOVED AND DISPOSED OF ON THE SITE. ANY BROKEN OR DAMAGED COMPONENTS SHOULD BE REPLACED. CHECK ALL MATERIALS FOR PROPER ANCHORING AND SECURE AS NECESSARY.
- IF USING THE COMPOST FILTER SOCK, THE COMPOST INFILL SHALL BE WELL DECOMPOSED (MATURED AT LEAST 3 MONTHS), WEED-FREE, ORGANIC MATTER. IT SHALL BE AEROBICALLY COMPOSTED, POSSESS NO OBJECTIONABLE ODORS, AND CONTAIN LESS THAN 1% BY DRY WEIGHT, OF MANMADE FOREIGN MATTER. WHEN USING COMPOST FILTER SOCKS ADJACENT TO SURFACE WATER, THE COMPOST SHOULD HAVE LOW NUTRIENT VALUE.

**DRAINAGE STRUCTURE INLET PROTECTION,
TEMPORARY
N.T.S.**

STORM WATER POLLUTION PREVENTION PLAN NOTES:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION AND ADHERENCE TO THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FROM THE COMMENCEMENT OF THE PROJECT TO SITE STABILIZATION.

POLLUTION PREVENTION MEASURES:

- THE CONTRACTOR SHALL TAKE THE FOLLOWING STEPS TO PREVENT LITTER, CHEMICALS AND DEBRIS FROM ENTERING STORM DRAINS AND DISCHARGES.
- PROPERLY INSTALL AND MAINTAIN EROSION AND SEDIMENT CONTROL DEVICES AS OUTLINED IN THE PROJECT DOCUMENTS AND IN COMPLIANCE WITH THE LATEST EDITION OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
 - PROPERLY CONTAIN AND DISPOSE OF ALL MATERIALS USED ON SITE.
 - CLEAN UP SPILLS IMMEDIATELY TO MINIMIZE SAFETY HAZARD AND PREVENT SPREADING.
 - ROUTINELY INSPECT AND CLEAN OUT CATCH BASINS AND STORM LINES.
 - LABEL ALL STORM INLETS AS "NO DUMPING".
 - CONTROL LITTER BY SWEEPING AND PICKING IT UP DAILY.
 - DO NOT STORE FUEL AND WASTE ON-SITE OR USE SECONDARY CONTAINMENT MEASURES.
 - IF PRACTICAL, USE ALTERNATIVE CLEANING METHODS SUCH AS WIPING DOWN OF VEHICLES AND EQUIPMENT INSTEAD OF HOISING.
 - REMOVE ALL EXCAVATED UNSUITABLE MATERIAL FROM THE SITE AS SOON AS PRACTICABLE.
 - PRACTICE GOOD HOUSEKEEPING AND EDUCATE EMPLOYEES ON POLLUTION PREVENTION MEASURES.

ON SITE MATERIAL STORAGE:

THE CONTRACTOR MAY HAVE THE FOLLOWING MATERIALS STORED ON-SITE DURING PROJECT CONSTRUCTION. THE LIST MAY NOT BE INCLUSIVE AND WILL VARY DURING THE DIFFERENT STAGES OF THE PROJECT.

- PRE-CAST CONCRETE MANHOLES, CATCH BASINS AND OUTLET CONTROL STRUCTURE.
- PVC PIPING AND APPURTENANCES.
- STOCKPILED SOILS - TOP SOIL, SUB BASE MATERIAL, CUSHION MATERIAL, SELECT GRANULAR MATERIAL, GRAVEL AND CRUSHED STONE.
- EROSION AND SEDIMENT CONTROL MATERIAL: SILT FENCE, RIP RAP AND SEED.
- PAVING MATERIALS AND EQUIPMENT
- SECURITY FENCE AND APPURTENANCES
- EQUIPMENT REQUIRED TO PERFORM THE WORK.

THE CONTRACTOR SHALL UTILIZE THE POLLUTION PREVENTION MEASURES OUTLINED ABOVE TO PREVENT POLLUTANTS FROM STORED MATERIALS FROM REACHING THE STORM WATER CONVEYANCE DEVICES AND DISCHARGES.

EROSION AND SEDIMENT CONTROL PRACTICES:

TEMPORARY STORM INLET PROTECTION:
STORM INLET PROTECTION INTERCEPTS SEDIMENT LADEN RUNOFF AND TRAPS SEDIMENT TO PROTECT THE DRAINAGE SYSTEM. STORM INLET PROTECTION SHALL BE PROVIDED AT EACH NEW CATCH BASIN AS IT IS INSTALLED AND AROUND EXISTING CATCH BASINS AS SHOWN.

TEMPORARY SEDIMENT CONTROL - SILT FENCE
SILT FENCE REDUCES RUNOFF VELOCITY AND CAUSES SETTLING OF SEDIMENT. INSTALL SILT FENCE PRIOR TO BEGINNING ANY EXCAVATION OR EARTHWORK ACTIVITIES WHERE SHOWN ON THE DRAWINGS. INSTALL AROUND ANY STOCKPILED SOIL MATERIALS.

TEMPORARY STABILIZED CONSTRUCTION ENTRANCE
THE STABILIZED CONSTRUCTION ENTRANCE IS USED TO REDUCE OR ELIMINATE TRACKING OF SEDIMENT ONTO STREETS AND/OR PUBLIC RIGHT-OF-WAY.

TEMPORARY SEEDING
TEMPORARY SEEDING REDUCES EROSION AND SEDIMENT LOSS FROM THE BARE GROUND. PROVIDE TEMPORARY SEEDING TO PROVIDE TEMPORARY COVER FOR DISTURBED EARTH OR SOIL STOCKPILES HELD FOR LONGER THAN SEVEN (7) DAYS. TEMPORARY SHUT DOWN OF CONSTRUCTION OR WAITING FOR OPTIMAL PLANTING TIME. IN SPRING, SUMMER OR EARLY FALL APPLY RYE GRASS AT A RATE OF 1 LB/ 1,000 SQ. FT. IN LATE FALL APPLY CERTIFIED AROOSTOOK RYE AT 2.5 LBS / 1,000 SQ. FT. OR WOOD FIBER HYDROMULCH AT MANUFACTURE'S RECOMMENDED RATE. HAY OR STRAW SHALL BE ANCHORED.

DUST CONTROL
TEMPORARY AND PERMANENT STABILIZATION MEASURES SUCH AS SEEDING, MULCHING AND INSTALLING EROSION AND SEDIMENT CONTROL BLANKETS WILL PREVENT DUST FROM BLOWING OFF SITE. INSTALL THESE MEASURES AS SOON AS FINAL GRADES ARE REACHED AND ON SOIL STOCKPILES AND DISTURBED AREAS TO BE LEFT FOR LONGER THAN SEVEN (7) DAYS.

PHASING OF EROSION AND SEDIMENT CONTROL PRACTICES:

- PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES ON THE SITE, THE CONTRACTOR SHALL MEET WITH THE OWNER'S REPRESENTATIVE AND DESIGNER TO DISCUSS THE STORM WATER POLLUTION PREVENTION PLAN.
- PRIOR TO COMMENCING ANY EXCAVATION PROCEDURES, INSTALL SILT FENCE AS SHOWN ON THE PLANS.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- AS THE NEW CATCH BASINS ARE INSTALLED, PROVIDE TEMPORARY INLET PROTECTION.
- AS SOIL MATERIAL IS EXCAVATED OR STOCKPILED, PROVIDE A SILT FENCE ENCLOSURE AROUND THE PILE. IF THE PILE IS TO REMAIN FOR LONGER THAN SEVEN (7) DAYS, TEMPORARILY SEED THE PILE.
- DO NOT LEAVE DISTURBED AREAS NOT TO BE COVERED BY IMPERVIOUS SURFACE BARE FOR LONGER THAN SEVEN (7) DAYS. ROUGH GRADE THE AREAS AND TEMPORARILY SEED.
- AFTER FINAL GRADING OF VEGETATED AREAS, PROVIDE PERMANENT SEEDING.
- UPON FINAL STABILIZATION OF THE SITE, REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES. INSPECT ALL PERMANENT EROSION AND SEDIMENT CONTROL AND STORM WATER MANAGEMENT DEVICES. REPLACE ANY FAILING OR UNSATISFACTORY MEASURES. CLEAN ALL STORMWATER CATCH BASINS AND PIPING.

EROSION AND SEDIMENT CONTROL AND STORMWATER CONTROL DEVICE MAINTENANCE:

- CONSTRUCTION DURATION**
ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSPECTED WEEKLY.
- SILT FENCE SHALL BE REPLACED WHEN TORN, IS BULGING OR NO LONGER MEETING THE INSTALLATION DETAILS.
 - THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION TO PREVENT TRACKING OF SEDIMENT ON TO ROADS AND PUBLIC RIGHTS-OF-WAY. INSPECT TOP DRESSING AND PROVIDE ADDITIONAL AGGREGATE AS NECESSARY.
 - DRAINAGE STRUCTURES AND PIPING SHALL BE CHECKED FOR CLOGGING AND SEDIMENT ACCUMULATION AND CLEANED IF REQUIRED.

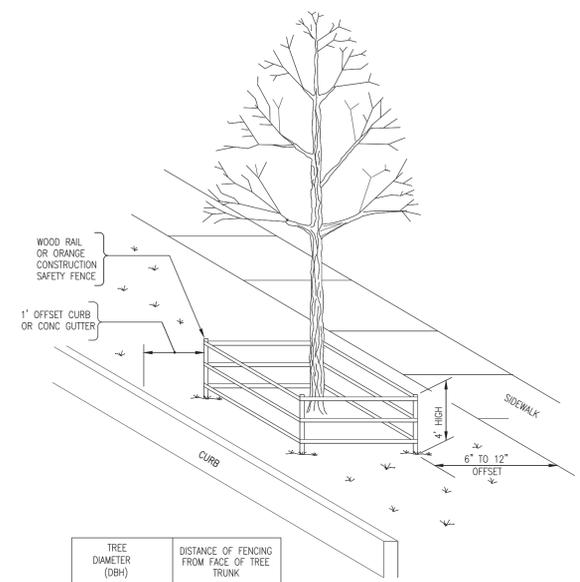
- PROJECT COMPLETION**
AT THE PROJECT COMPLETION AND PRIOR TO PROJECT CLOSE OUT, THE CONTRACTOR SHALL INSPECT ALL PERMANENT EROSION AND CONTROL AND STORMWATER MANAGEMENT PRACTICES.
- ACCEPTABLE VEGETATION ESTABLISHMENT IN ACCORDANCE WITH SPECIFICATIONS.
 - DRAINAGE STRUCTURES AND PIPING SHALL BE CHECKED FOR CLOGGING AND SEDIMENT ACCUMULATION AND CLEANED IF REQUIRED.

MAINTENANCE OF PERMANENT STORMWATER MANAGEMENT PRACTICES

- DRAINAGE STRUCTURES AND PIPING SHALL BE CHECKED FOR CLOGGING AND SEDIMENT ACCUMULATION AND CLEANED IF REQUIRED.

SITE ASSESSMENT AND INSPECTIONS

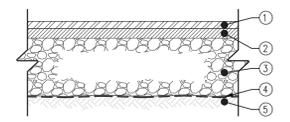
COMPLY WITH ALL CONDITIONS INCLUDED IN THE SPOES PERMIT, PART III.D.3 THROUGH PART III.D.5. THE REQUIREMENTS IN THESE SUBSECTIONS OF THE SPOES PERMIT TAKE PRECEDENCE OVER NOTES ON THIS DRAWING AND THE EROSION AND SEDIMENT CONTROL PLAN WHERE CONTRADICTIONS BETWEEN THESE DRAWINGS AND THE SPOES PERMIT MAY ARISE.



TREE DIAMETER (DBH)	DISTANCE OF FENCING FROM FACE OF TREE TRUNK
LESS THAN 10"	6'
10" - 14"	10'
15" - 19"	12'
20" OR MORE	15'

- NOTES:**
- ALL TREES WITHIN THE PROJECT LIMITS THAT ARE TO REMAIN, ARE TO RECEIVE THIS TREATMENT.
 - DO NOT LEAVE CONSTRUCTION EQUIPMENT RUNNING (IDLING) UNDER TREE CANOPY.

**TREE PROTECTION SYSTEM 5'-0"
ITEM NO. 611.21050009
N.T.S.**



- 2" TOP COURSE, 12.5 F2 TOP COURSE HMA, 80 SERIES COMPACTION NYS DOT ITEM 402.128204
- 2" BINDER COURSE, 25 F9 BINDER COURSE HMA, 80 SERIES COMPACTION NYS DOT ITEM 402.258904
- 4" SUBBASE COURSE, SUBBASE COURSE, TYPE 2 NYS DOT ITEM 304.12
- GEOTEXTILE SEPARATION NYS DOT ITEM 207.21
- COMPACTED SUBGRADE

NOTES:

- COMPACT SUBGRADE TO A MODIFIED PROCTOR DENSITY OF 95%
- SUBBASE COURSE SHALL HAVE NO MORE THAN (7%) SEVEN PERCENT BY WEIGHT FINER THAN NO. 200 SIEVE.
- IMPRINTED PATTERN SHOWN IS FOR GRAPHICAL REPRESENTATIONS ONLY. ALL IMPRINTING/PATTERNING LAYOUTS AND POSITIONING SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO ACTUAL CONSTRUCTION.

**ASPHALT PAVEMENT SECTION
N.T.S.**

6/15/2022 4:10:27 PM

CONSULTANT INFORMATION

LiRo Engineers, Inc.
A LiRo Group Company
Mineola, N.Y. 516-746-2350[T]

CONSULTANT SEAL

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

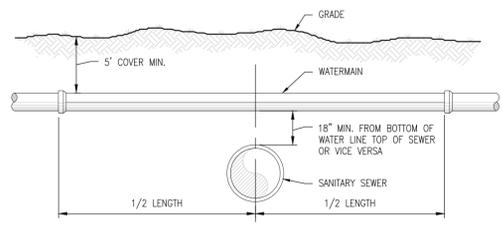
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

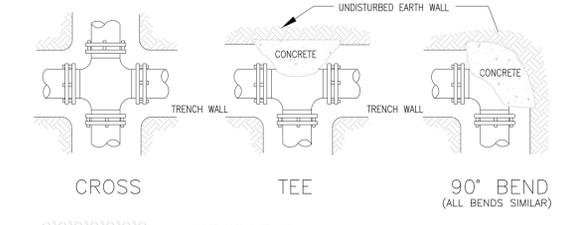
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
CIVIL DETAILS 1**

CONTRACT NUMBER	SHEET NUMBER
22-523	CXE-C-06
DWG. NO.: 315 of 664	
SCALE: AS NOTED	
DATE: 08/23/2022	
DPW FILE NUMBER	REV. NO.
1-118-C-1064-0	0

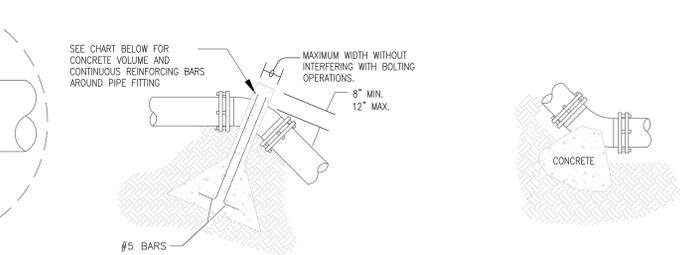


TYPICAL WATER LINE - SEWER LINE CROSSING
N.T.S.



HORIZONTAL THRUST BLOCKING
(BLOCKING HEIGHT GREATER THAN PIPE O.D.) (BLOCKING WIDTH BETWEEN 1 & 2 TIMES HEIGHT)
REQUIRED SQ. FT. OF UNDISTURBED EARTH WALL FOR REACTION BACKING

PIPE SIZE	TYPE OF FITTINGS				
	TEE & PLUG	90°	45°	22 1/2°	11 1/4°
4-6"	3.2	4.5	2.5	1.3	0.7
8"	3.2	5.6	2.5	1.3	0.7
12"	3.2	12.75	3.7	1.3	0.7

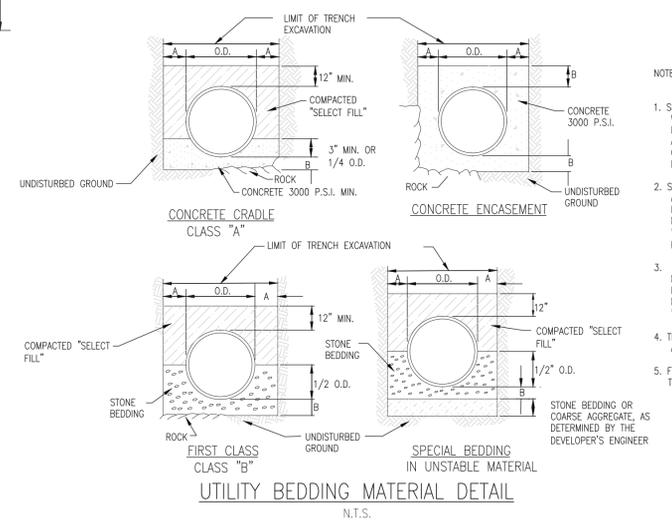


UPWARD THRUST BLOCKING
(REQUIRED REINFORCING BARS & CUBIC YARDS OF P.C. CONCRETE)

PIPE SIZE	90° BEND		45° BEND		22 1/2° BEND		11 1/4° BEND	
	CONC. QTY.	REINF. SIZE	CONC. QTY.	REINF. SIZE	CONC. QTY.	REINF. SIZE	CONC. QTY.	REINF. SIZE
4-6"	2.6	#5	2.1	#5	1.1	#5	0.6	#5
8"	2.9	#5	2.1	#5	1.1	#5	0.6	#5
12"	6.6	#5	4.7	#5	2.5	#5	1.3	#5

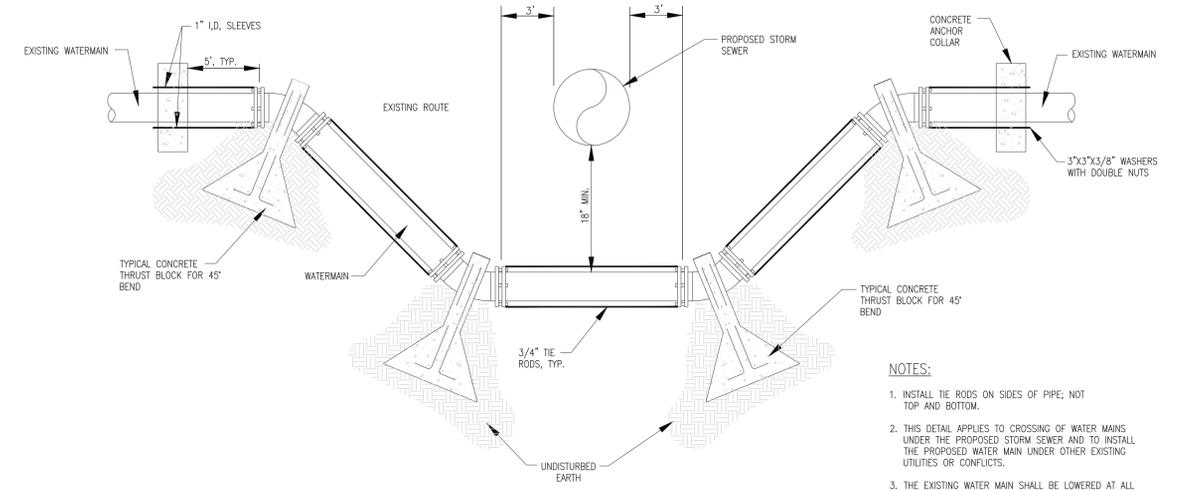
- NOTES:**
- DO NOT COVER BELLS OR FLANGES WITH CONCRETE.
 - WRAP ALL FITTINGS WITH VISQUEEN.
 - BACK ALL TEES ACCORDING TO SIZE OF BRANCH.
 - BACKING FUTURE LINE EXTENSIONS SHALL BE SUCH THAT LATER REMOVAL IS POSSIBLE.
 - ALL BENDS WHERE FITTINGS ARE USED, BOTH HORIZONTAL OR VERTICAL SHALL BE BACKED.
 - REACTION BACKING TABLE IS BASED ON 150 P.S.I. AND SOIL BEARING PRESSURE OF 2,000 LB./SQ.FT. ADDITIONAL BACKING MAY BE REQUIRED IN SOME AREAS AS DIRECTED BY ENGINEERS.
 - ALL CONCRETE SHALL BE 2500 P.S.I. MIN.

THRUST BLOCKING DETAIL
N.T.S.



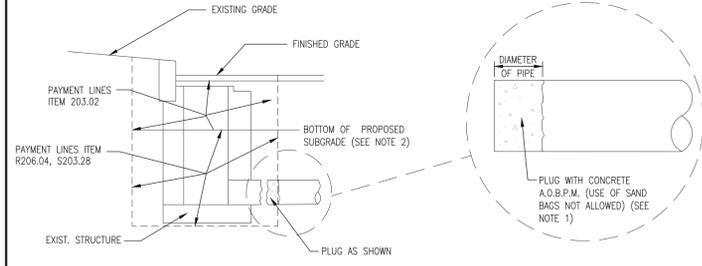
- NOTES:**
- SELECT FILL SHALL BE SAND, GRAVEL, AND SIMILAR MATERIAL WHICH SHALL BE FREE FROM CLAY, LOAM, ORGANIC MATERIAL, DEBRIS, FROZEN MATERIAL AND SHALL CONTAIN ONLY SMALL AMOUNTS OF STONE, PEBBLES OR LUMPS OVER ONE INCH IN GREATEST DIMENSION BUT NONE OVER TWO INCHES IN GREATEST DIMENSION, MEETING ASTM I, II, OR III.
 - STONE BEDDING SHALL MEAN APPROVED IMPORTED AGGREGATE MEETING THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATION, MAY, 2008 EDITION, AS REVISED, SUBSECTION 703-01 "FINE AGGREGATE", PRIMARY SIZE 1 OR A MIXTURE OF PRIMARY SIZES 1 AND 2, OR ASTM CLASS IA.
 - COARSE AGGREGATE SHALL MEAN APPROVED IMPORTED AGGREGATE MEETING THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATION, MAY, 2008 EDITION, AS REVISED, SUBSECTION 703-02 "COARSE AGGREGATE", PRIMARY SIZE 3 AND/OR 4.
 - THIS FIGURE APPLIES TO SANITARY, STORM AND COMBINED MAINLINE AND LATERAL PIPE INSTALLATIONS AS WELL AS FORCEMAINS.
 - FIRST CLASS BEDDING SHALL BE USED UNLESS OTHERWISE SHOWN ON THE DRAWINGS OR DIRECTED BY THE ENGINEER.

PIPE DIA.	DIM. A	DIM. B
UP TO 18"	1.0'	6"
21" TO 36"	1.5'	9"
OVER 36"	1.5'	12"



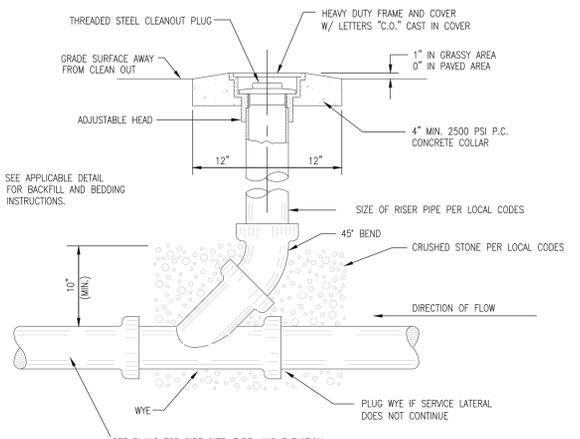
TYPICAL WATERMAIN CROSSING DETAIL
N.T.S.

- NOTES:**
- INSTALL THE RODS ON SIDES OF PIPE, NOT TOP AND BOTTOM.
 - THIS DETAIL APPLIES TO CROSSING OF WATER MAINS UNDER THE PROPOSED STORM SEWER AND TO INSTALL THE PROPOSED WATER MAIN UNDER OTHER EXISTING UTILITIES OR CONFLICTS.
 - THE EXISTING WATER MAIN SHALL BE LOWERED AT ALL CROSSINGS UNLESS OTHERWISE DIRECTED BY THE ENGINEER IN THE FIELD.

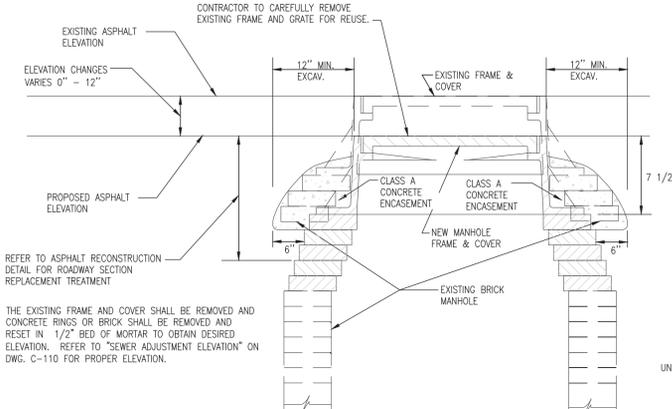


- NOTES:**
- THE COST OF PLUGGING EXISTING LATERALS TO BE ABANDONED SHALL BE INCLUDED IN THE PRICE BID FOR TRENCH EXCAVATION IN THE CONTRACT. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK.
 - UPPER PAY LIMITS FOR TRENCH AND CULVERT EXCAVATION SHALL BE TOP OF EXISTING SURFACE AT TIME OF EXCAVATION.

DETAILS FOR PLUGGING ABANDONED DRAINAGE STRUCTURES AND PIPES
N.T.S.



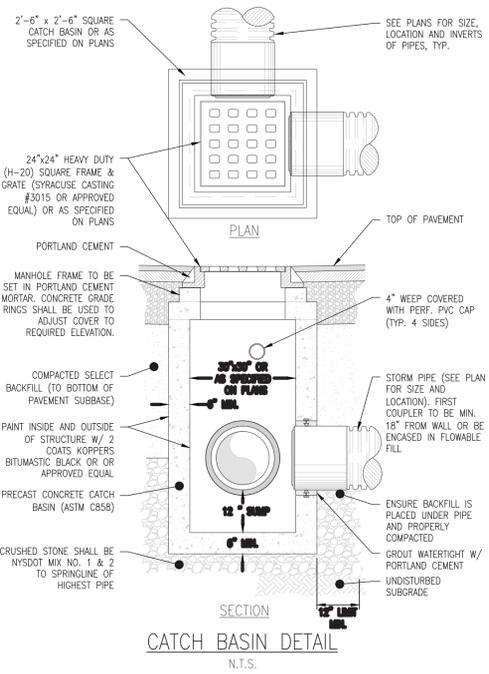
SEWER CLEAN-OUT
N.T.S.



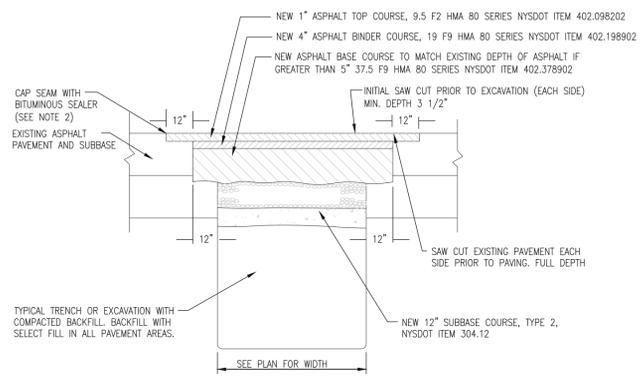
ADJUSTMENT AT FLEXIBLE PAVEMENT

RESETTING EXISTING DRAINAGE FRAMES ON EXISTING DRAINAGE STRUCTURES
ITEM NO. 604.07210110
N.T.S.

- NOTE:**
- THE LOWER LIMIT OF THE CLASS A CONCRETE ENCASEMENT SHALL BE AT OR BELOW THE LOWEST PORTION OF THE BRICK AND MORTAR LEVELING COURSE. ALL BRICK SHALL BE RED, 8,000 PSI BRICK.



CATCH BASIN DETAIL
N.T.S.



PAVEMENT TRENCH RESTORATION DETAIL
N.T.S.

- NOTES:**
- EXISTING PAVEMENT SHALL BE SAW CUT TO OBTAIN A STRAIGHT AND NEAT EDGE FOR PAVING. FINAL SAW CUT SHALL BE MADE PRIOR TO PAVING AFTER BACKFILL OF TRENCH TO BOTTOM OF NEW PAVEMENT.
 - ALL SEAMS BETWEEN EXISTING AND NEW ASPHALT SURFACES SHALL BE SEALED WITH AN ASPHALT FILLER CORRESPONDING TO THE MATERIAL REQUIREMENTS OF N.Y.S.D.O.T. TABLE 702-5 MATERIAL DESIGNATION 702-3401. COST TO FURNISH AND APPLY THIS MATERIAL SHALL BE INCLUDED IN THE PRICE BID FOR ASPHALT TOP.

6/15/2022 4:10:27 PM

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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: _____ PROJECT COORDINATOR: _____

SIGNATURE: _____ DATE: _____ SIGNATURE: _____ DATE: _____

TITLE: _____ TITLE: _____

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

INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING E
CIVIL DETAILS 2

CONTRACT NUMBER	SHEET NUMBER
22-523	CXE-C-07
DWG. NO.: 316 of 664	SCALE: AS NOTED
DATE: 08/23/2022	REV. NO. 0
DPW FILE NUMBER: 1-118-C-1065-0	