

RESTAURANT KITCHEN

8/30/2022 2:52:14 PM

CONSULTANT INFORMATION



1 State Street Plaza, New York, NY, 10004
(516) 938-5476 www.liro.com



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

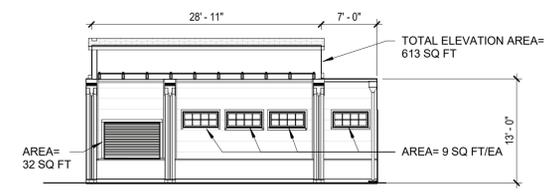
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

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

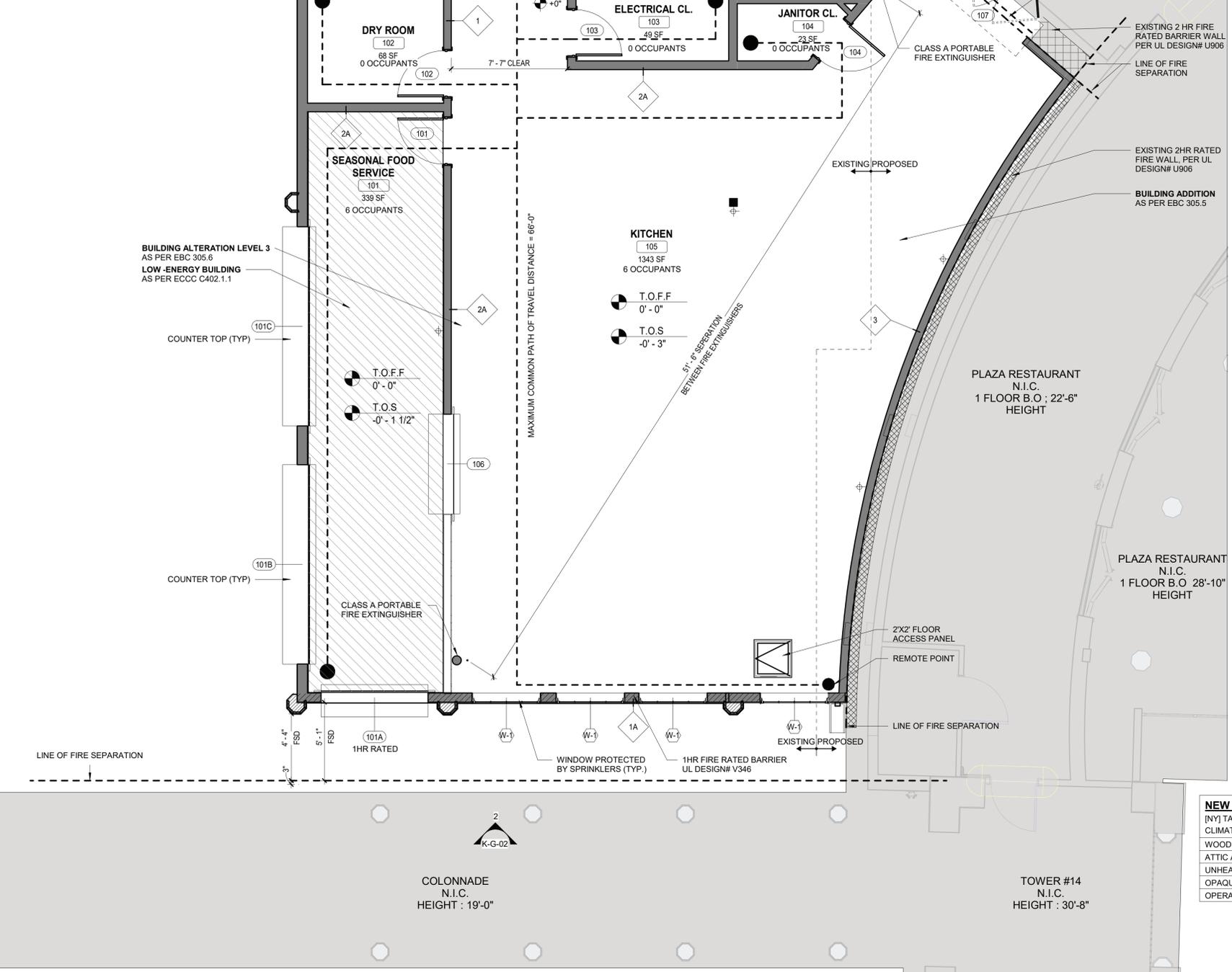
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
BUILDING 3D VIEW**

CONTRACT NUMBER 22-523	SHEET NUMBER K-G-01
DWG NO.: 496 of 664	
SCALE: 12" = 1'-0"	
DATE: 8/23/20223	
DPW FILE NUMBER 1-118-G-1247-0	REV. NO. 0

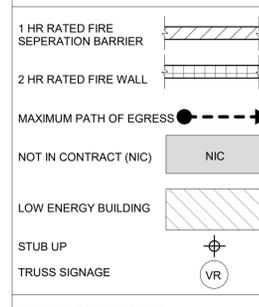


2 WEST CODE ELEVATION
3/32" = 1'-0"



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

LIFE SAFETY DIAGRAM LEGEND



- LIFE SAFETY NOTES :**
- BUILDING IS FULLY SPRINKLERED
 - ALL EXISTING FIRE RATED WALLS ARE TO BE VERIFIED IN THE FIELD.
 - SEE SHEET K-A-84 FOR RATED COLUMN DETAILS.

HISTORICAL BUILDING REGISTRY

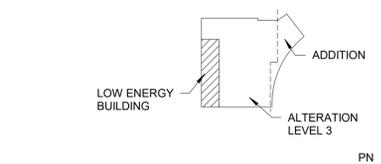
PLAYLAND AMUSEMENT PARK IS A DESIGNATED NATIONAL HISTORIC LANDMARK AND IS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES.
THE NATIONAL HISTORIC PLACES REGISTER REFERENCE NUMBER: 80004529 NHL NATIONAL ARCHIVE IDENTIFIER: 75323175
RESTAURANT KITCHEN BUILDING A IS A CONTRIBUTING STRUCTURE OF THE LANDMARK AND THEREFORE AN HISTORIC BUILDING UNDER THE 2020 BUILDING CODE AND 2020 EXISTING BUILDING CODE OF NEW YORK STATE

CODE ANALYSIS

APPLICABLE CODES:	(BC)	(EBC)	(ECCC)	(NFPA 13)	(NFPA 13)	VB	A-2	FULLY SPRINKLERED COMMERCIAL KITCHENS
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)						
CONSTRUCTION TYPE (TBL 601)								
OCCUPANCY CLASSIFICATION								
NUMBER OF STORIES (TBL 504.4)	< 2							
HEIGHT (FT) (TBL 504.3)	< 60'							25'-4"
BUILDING AREA (SF) (TBL 506.2)	< 24,000							1,882
ALLOWABLE AREA, SINGLE-OCC. ONE STORY	< 24,579							1,882
FIRE-RESISTANCE RATING REQUIREMENTS (TBL 601)								
PRIMARY STRUCTURE FRAME BEARING WALLS	0							0
EXTERIOR	0 < 10 FT	1 BOTH SIDES						1
	≥ 10 FT	0						0
INTERIOR	0	0						0
NONBEARING WALLS								
EXTERIOR (TBL 601)	0 < 10 FT	1 BOTH SIDES						1
	≥ 10 FT	0						0
INTERIOR	0	0						0
FLOOR CONSTRUCTION	0	0						0
ROOF CONSTRUCTION	0	0						0
PROJECTIONS (BC 705.2.3.1 EXCEPTIONS)								
3. PROJECTIONS ON BUILDINGS OF TYPE V CONSTRUCTION SHALL BE PERMITTED TO BE OF TYPE V CONSTRUCTION AND SHALL NOT BE REQUIRED TO HAVE A FIRE RESISTANCE RATING WHERE SPRINKLER PROTECTION IS EXTENDED TO THESE AREAS.								
EXTERIOR PROJECTIONS NFPA 13; SECTION 8.15.7.3								
SPRINKLERS SHALL BE PERMITTED TO BE OMITTED FROM BELOW THE EXTERIOR PROJECTS OF COMBUSTIBLE CONSTRUCTION, PROVIDED THE EXPOSED FINISH MATERIAL ON THE EXTERIOR PROJECTS ARE NON COMBUSTIBLE, LIMITED-COMBUSTIBLE, OR FIRE RETARDANT-TREATED WOOD AS DEFINED IN NFPA 703.								
ALLOWABLE AREA OF OPENINGS (BC 705.8)								
FSD ≤ 10 FT; UNPROTECTED; SPRINKLERED	25%	NO LIMIT						11.09%
FSD > 20 FT; UNPROTECTED; SPRINKLERED								
FIRE WALL FIRE RESISTANCE RATINGS (TBL 706.4)								
GROUP A (TYPE V CONSTRUCTION)	2 HR ²							
INTERIOR FINISHES CLASS (BC 803)								
WALL AND CEILING; SPRINKLERED (TBL 803.13)	CLASS C							
FLOORS; GROUP A (BC 804.4.2)	CLASS II							
PORTABLE FIRE EXTINGUISHERS (BC 906)								
FIRE HAZARD OCCUPANCY	CLASS K							
MIN-RATING SINGLE EXTINGUISHER	ORDINARY							
MAX FLOOR AREA	2-A							
MAX DISTANCE OF TRAVEL TO EXTINGUISHER	1,500 SF							2,399 SF
MAX DISTANCE OF TRAVEL TO EXTINGUISHER	11,250 SF							X
MAX DISTANCE OF TRAVEL TO EXTINGUISHER	30 FT							
NUMBER OF EXTINGUISHERS REQUIRED								
FIRST FLOOR	1.6							2
MEANS OF EGRESS (BC 10)								
MAX FLOOR AREA ALLOWANCE PER OCCUPANT (TBL 1004.1.2)(SF)								SEE PLANS
ACCESSORY STORAGE AREAS	300 GROSS							
KITCHENS, COMMERCIAL	200 GROSS							
CONCENTRATED BUSINESS USE	50 GROSS							
DESIGN OCCUPANT LOAD	12 OCCUPANTS							12 OCCUPANTS
EGRESS WIDTH PER OCCUPANT (IN)(BC 1005)								
KITCHENS	0.15 / OCCUPANT							72"
MAX COMMON PATH OF EGRESS OF TRAVEL DISTANCE (TBL 1006.2.1)								
OCCUPANCY A; X<30; SPRINKLER SYSTEM	75 FT							SEE PLANS
MINIMUM NUMBER OF EXITS (TBL 1006.3.2)								
OCCUPANT LOAD: 1-500	2							1"
SINGLE EXITS (TBL 1006.3.3)								
ROOMS, AREAS AND SPACES COMPLY WITH SECTION 1006.2.1 WITH EXITS THAT DISCHARGE DIRECTLY TO THE EXTERIOR AT THE LEVEL OF DISCHARGE. ARE PERMITTED TO HAVE ONE EXIT OR ACCESS TO A SINGLE EXIT.								
MAX TRAVEL DISTANCE (BC 1017)								
A-2 OCCUPANCY; SPRINKLER SYSTEM	250'							SEE PLANS
EXISTING MATERIALS (EBC 302.4)								
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 BUILDING OFFICIAL TO BE UNSAFE.								
NEW AND REPLACEMENT MATERIALS (EBC 302.5)								
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.								
ADDITIONS AND ALTERATIONS (EBC 305.5, 305.6, AND 305.7)								
WHERE AN ALTERATION (AND ADDITIONS) AFFECTS THE ACCESSIBILITY TO, OR CONTAINS AN AREA OF PRIMARY FUNCTION, THE ROUTE TO THE PRIMARY FUNCTION AREA SHALL BE ACCESSIBLE.								
ALTERATION 3 (EBC 604.1)								
WHERE THE WORK AREA EXCEEDS 50% OF THE BUILDING AREA								
EBC 907.1 LEVEL 3 ALTERATIONS TO EXISTING BUILDINGS ARE PERMITTED WITHOUT REQUIRING THE ENTIRE BUILDING TO COMPLY WITH THE ENERGY REQUIREMENTS OF ECCC.								
CLIMATE ZONE (ECCC TBL C301.1)								
4A (MARINE)								
OPENING THERMAL ENVELOPE MIN REQ'S (C303.1.3)								
GLAZING - NON-METAL FRAME (U-FACTOR)	0.95							0.95
OPAQUE DOOR - UNINSULATED METAL (U-FACTOR)	1.20							1.20
GLAZED FENESTRATION SCHHC	0.8 CLEAR							0.8
GLAZED FENESTRATION VT	0.6 CLEAR							0.6
LOW ENERGY BUILDINGS (ECCC C402.1.1)								
PORTIONS THEREOF SEPARATED FROM THE REMAINDER OF THE BUILDING THERMAL ENVELOPE ASSEMBLIES COMPLY WITH THIS SECTION SHALL BE EXEMPT FROM BUILDING THERMAL ENVELOPE PROVISIONS.								
2. THOSE THAT DO NOT CONTAIN CONDITIONED SPACE.								
OPAQUE THERMAL ENVELOPE MIN REQ'S (ECCC TBL C402.1.3 AND 4)								
ABOVE ROOF DECK	R-30ci / U-0.032							MEAN R-43.35ci
ATTIC AND OTHER ROOF ELEMENT	R-38 / U-0.027							R-38
WOOD FRAMED AND OTHER WALLS ABOVE GRADE	R-13+R-3.8ci OR R-20 / U-0.064							R-13+R-3.8ci
JOIST/FRAMING FLOOR	R-30 / U-0.033							R-30
UNHEATED SLAB-ON-GRADE	R-10 FOR BELOW 24" / F-0.54							R-10
OPAQUE DOORS - NONSWINGING	R-4.75							R-4.75
OPAQUE SWINGING DOOR	U-0.37							U-0.37
GARAGE DOOR	U-0.31							U-0.31
BUILDING ENVELOPE FENESTRATION MAX U-FACTOR REQ'S (ECCC C402.4)								
OPERABLE FENESTRATION (U-FACTOR) 0.45								

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
OPERABLE FENESTRATION	MAX U-0.45



3 BUILDING KEYPLAN

CONSULTANT INFORMATION
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CONTRACTOR: _____ PROJECT COORDINATOR: _____

NAME: _____ NAME: _____

SIGNATURE: _____ SIGNATURE: _____

TITLE: _____ TITLE: _____

DATE: _____ DATE: _____

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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
CODE PLAN**

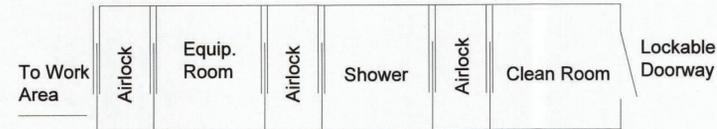
CONTRACT NUMBER	SHEET NUMBER
22-523	K-G-02
DWG NO.:	497 of 664
SCALE:	As indicated
DATE:	8/23/20223
DPW FILE NUMBER	REV. NO.
1-118-G-1248-0	0

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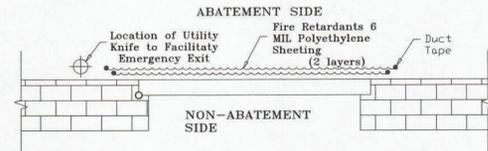
PLAYLAND REHABILITATION & UPGRADES RESTAURANT KITCHEN - ASBESTOS ABATEMENT

1 PLAYLAND PKWY, RYE, NY 10580

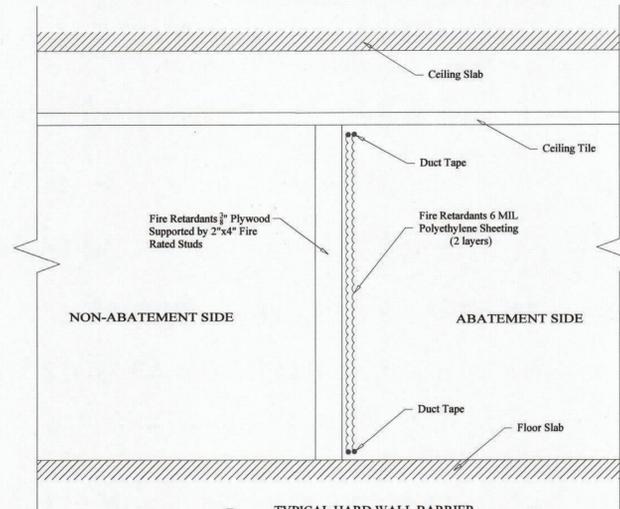
DETAILS:



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



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

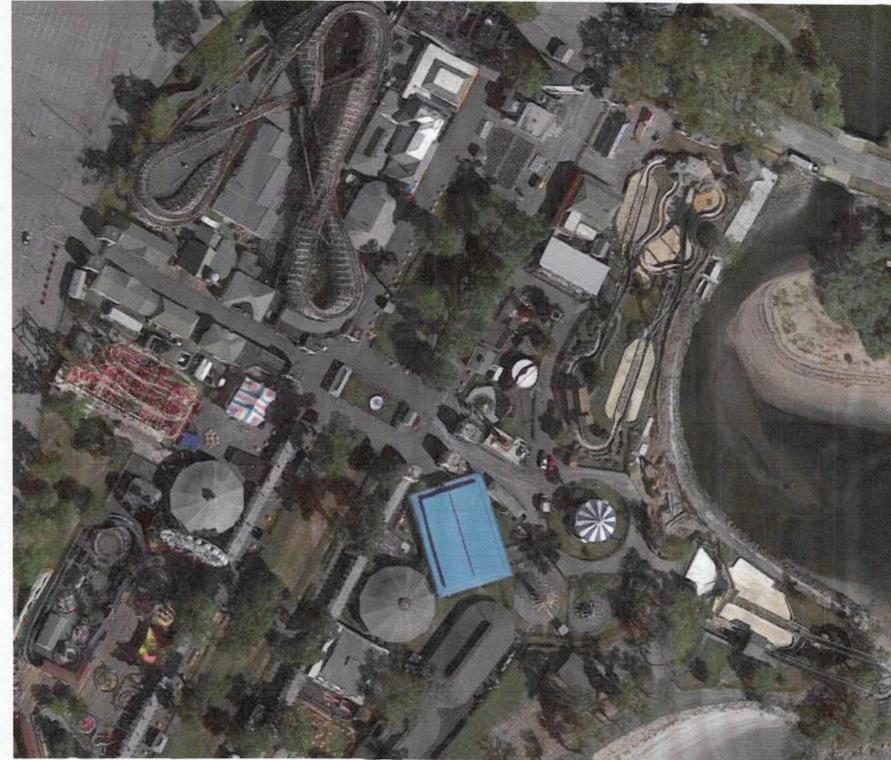


3
K-H-10
TYPICAL HARD WALL BARRIER AT OPENINGS MORE THAN 32SF
Not To Scale

SCOPE OF WORK TABLE:

Work area	Location	Description of Asbestos Materials	Approximate Quantity of ACM	ICR 56 Procedure
1	K - Restaurant Kitchen Exterior - North	Transite Siding	440 SF	56.11.6
2	K - Restaurant Kitchen Exterior - East	Transite Siding	440 SF	56.11.6

KEYPLAN:



LEGEND:

- WORK AREA LIMITS
- REMOTE WORKER DECONTAMINATION UNIT
- WASTE HOLDING AREA
- AIRLOCK
- TEMPORARY WATER SOURCE
- TEMPORARY ELECTRICAL SOURCE

PROJECT NOTES:

- 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.
- 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.
- All abatement work shall be coordinated with General Contractor work; Abatement may be phased with other contract work.
- 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.
- 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.
- 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.
- 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.
- 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.
- The Contractor may need to supply temporary power/water sources if they cannot be provided by facility.
- 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.
- The Contractor is to protect any and all exposed surfaces not targeted for abatement.
- The Contractor shall request and receive in writing prior to proceeding with any work info from the owner regarding surfaces/materials that require protection.
- Regular waste generated by the abatement work of this contract shall be stored securely using a closed waste container.

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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

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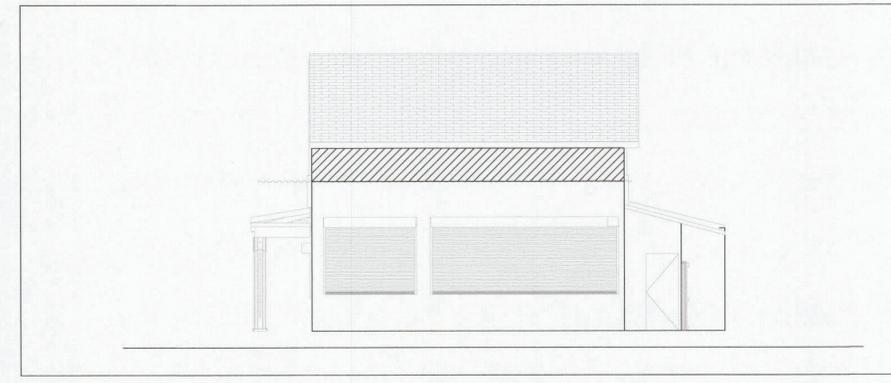
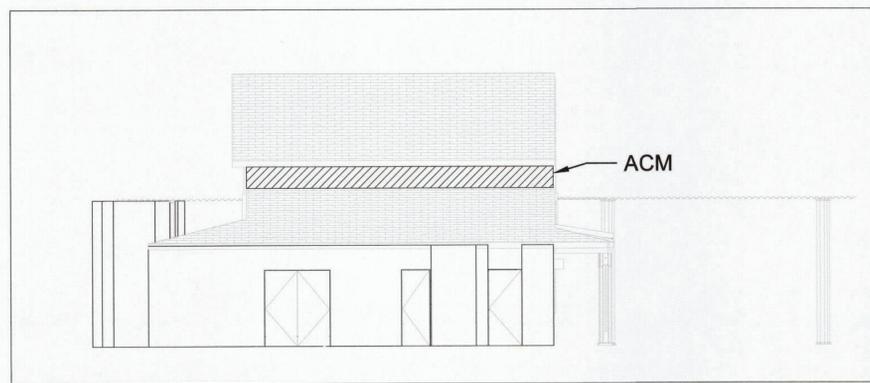
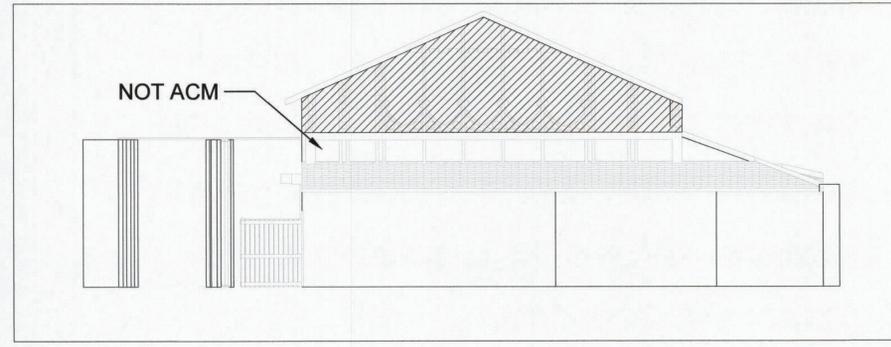
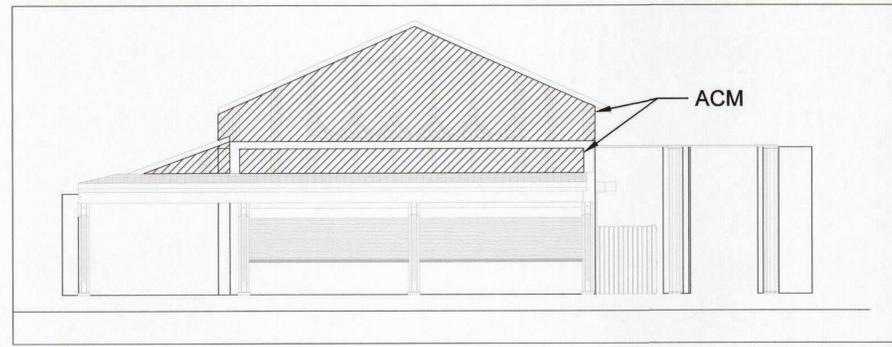
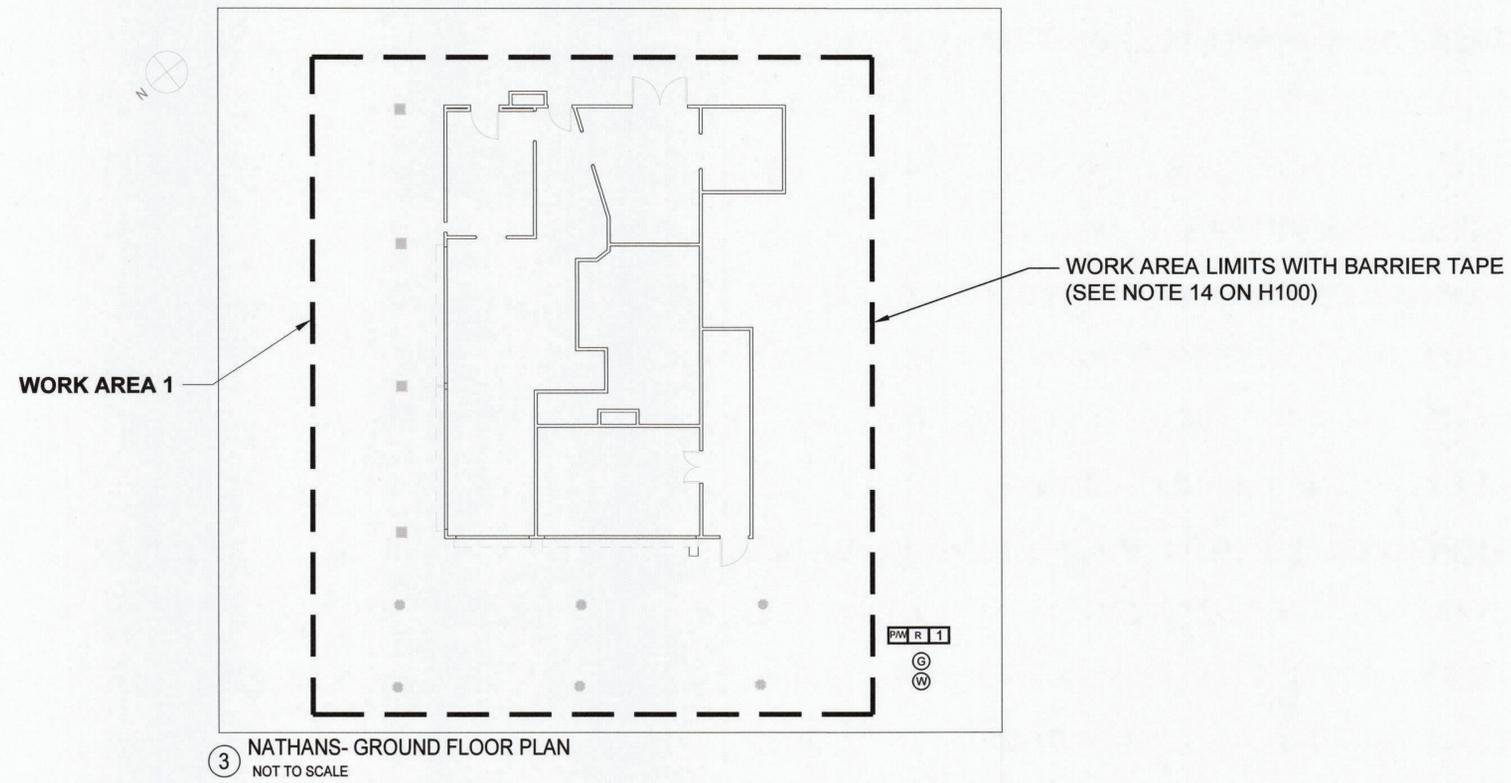
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

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
RESTAURANT KITCHEN
GENERAL ASBESTOS ABATEMENT NOTES**

CONTRACT NUMBER 22-523	SHEET NUMBER K-H-10
DWG NO.:	498 of 664
SCALE:	NOT TO SCALE
DATE:	08/23/2022
DPW FILE NUMBER 1-118-G-1247-0	REV. NO. 0



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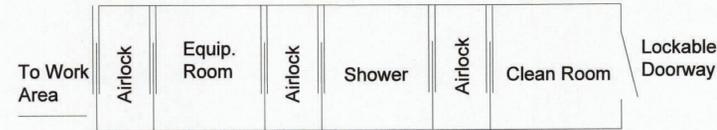
WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN
GROUND FLOOR AND ELEVATIONS ASBESTOS REMOVAL PLAN

CONTRACT NUMBER 22-523	SHEET NUMBER K-H-11
DWG NO.: 499 of 664	SCALE: NOT TO SCALE
DATE: 08/23/2022	REV. NO.: 0
DPW FILE NUMBER 1-118-G-1248-0	

PLAYLAND REHABILITATION & UPGRADES RESTAURANT KITCHEN - LEAD REMEDIATION

1 PLAYLAND PKWY, RYE, NY 10580

DETAILS:



1 LARGE PROJECT REMOTE WORKER DECONTAMINATION UNIT
K-H-20
Not To Scale

LEGEND:

- WORK AREA LIMITS
- OSHA HANDWASHING STATION
- HAZARDOUS WASTE STORAGE AREA
- AIRLOCK
- TEMPORARY WATER SOURCE
- TEMPORARY ELECTRICAL SOURCE
- CORNICE / FASCIA ELEMENTS
- WALL CLADDING / TRIM ELEMENTS
- COLUMNS

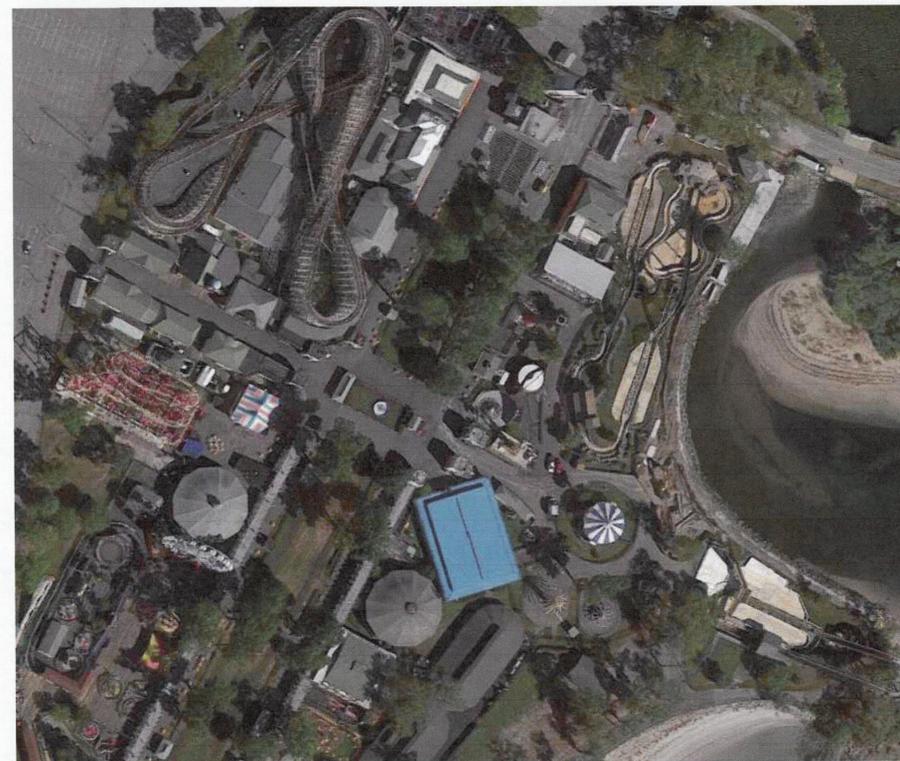
SCOPE OF WORK TABLE:

Work Area	Location	Description	Material	Quantity	Procedure
1	Main Nathan's	West Elevation	Soffit (Beige Coating)	90 SF	Manual Wet Scrape / Chemical Strip
			Wood Columns (Beige, Orange & Green Coating)	48 SF (4 at 12 SF each)	
		East Elevation	Wall Paint (Beige Coating)	300 SF	
			Soffit (Beige Coating)	50 SF	
			Window Frame (Beige Coating)	30 LF	
		North, South, West East Elevation	Wood Pilaster (Beige, Orange & Green Coating)	48 SF (4 at 12 SF each)	
			Eave (Beige Coating)	168 SF	

PROJECT NOTES:

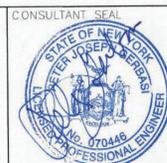
1. All layers of coating shall be considered as LBP and removed down to the substrates. Substrates coated with LBP and targeted for demolition may be removed and disposed of solid structure waste following TCLP testing.
2. Substrates coated with LBP and targeted for refurbish and recoating shall be abated 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 proceeding with any work info from the owner regarding surfaces/materials that require protection.

KEYPLAN:



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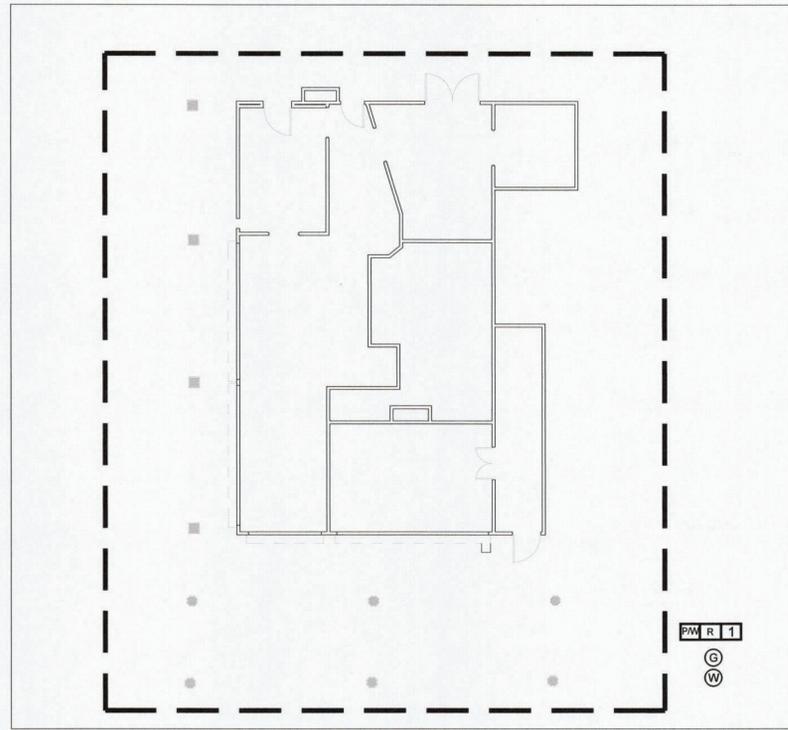
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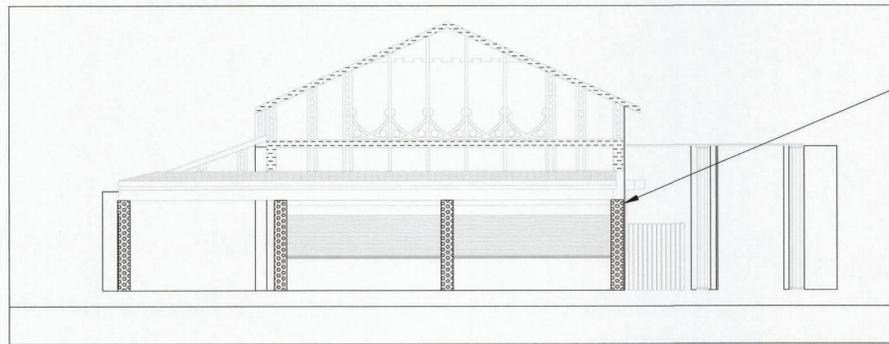
**INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN
GENERAL LEAD REMEDIATION NOTES**

CONTRACT NUMBER 22-523	SHEET NUMBER K-H-20
DWG NO.: 500 of 664	SCALE: NOT TO SCALE
DATE: 08/23/2022	
DPW FILE NUMBER: 1-118-G-1249-0	REV. NO.: 0



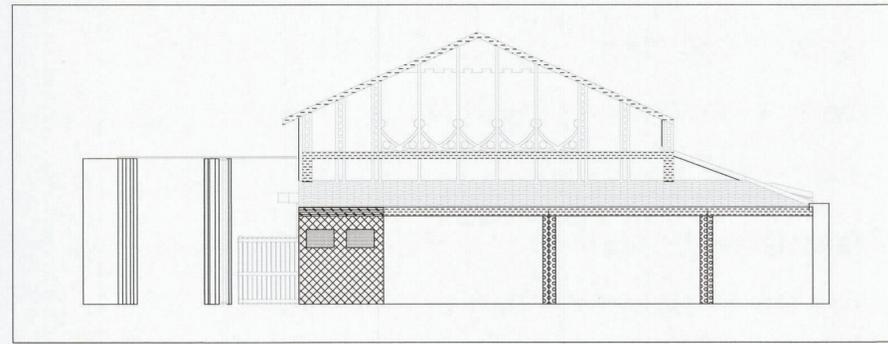
PWR 1
©
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③ NATHANS- GROUND FLOOR PLAN
NOT TO SCALE

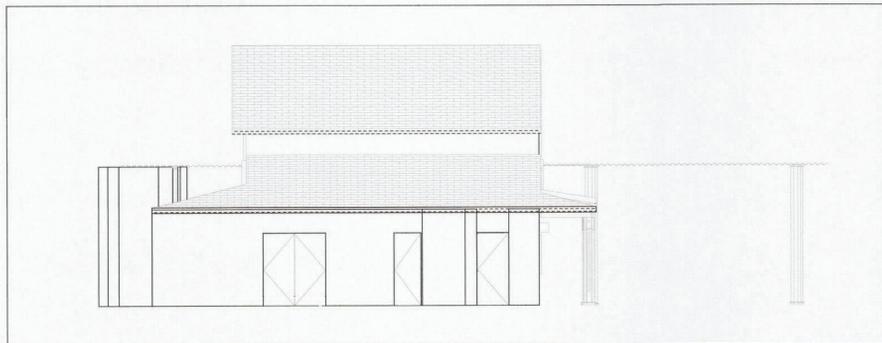


WOOD COLUMN/
PILASTER (TYPICAL)

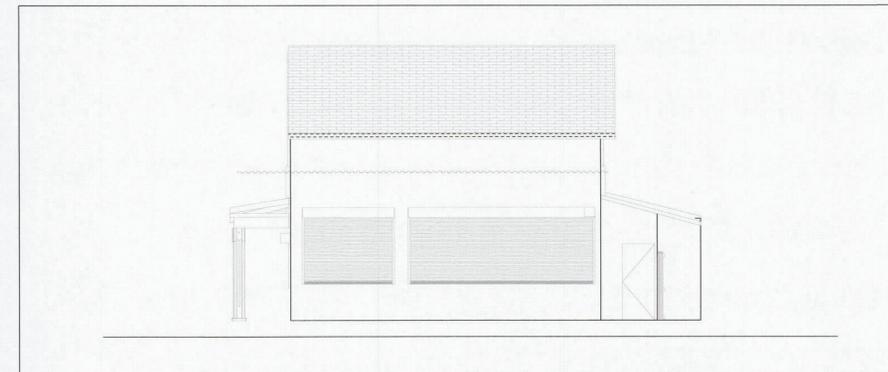
② NATHANS- WEST ELEVATION
NOT TO SCALE



③ NATHANS- EAST ELEVATION
NOT TO SCALE



④ NATHANS- NORTH ELEVATION
NOT TO SCALE



⑤ NATHANS- SOUTH ELEVATION
NOT TO SCALE

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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
RESTAURANT KITCHEN
GROUND FLOOR AND ELEVATION LEAD REMEDIATION PLAN

CONTRACT NUMBER 22-523	SHEET NUMBER K-H-21
DWG NO.:	501 of 664
SCALE:	NOT TO SCALE
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DPW FILE NUMBER 1-118-G-1250-0	REV. NO. 0

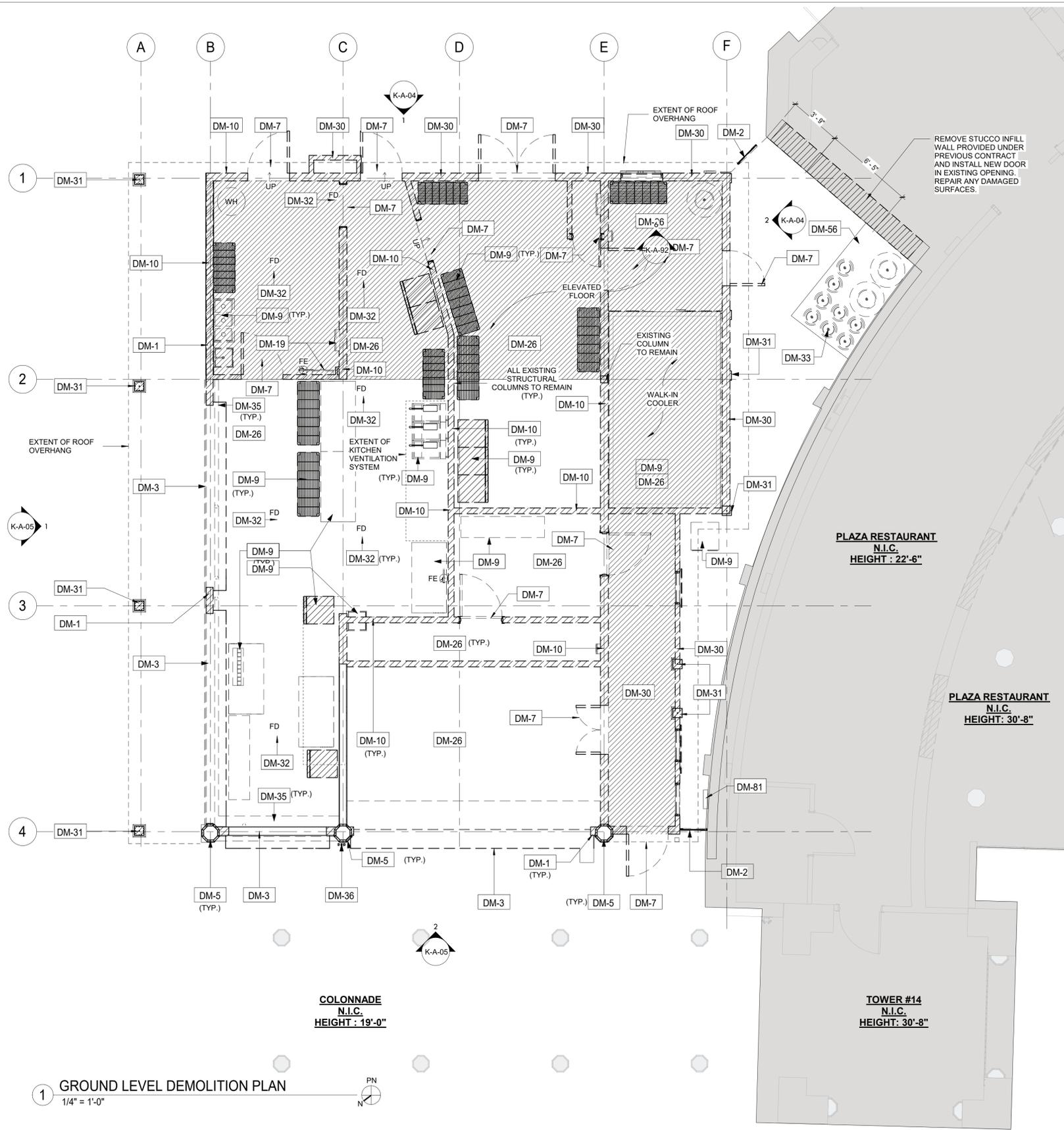
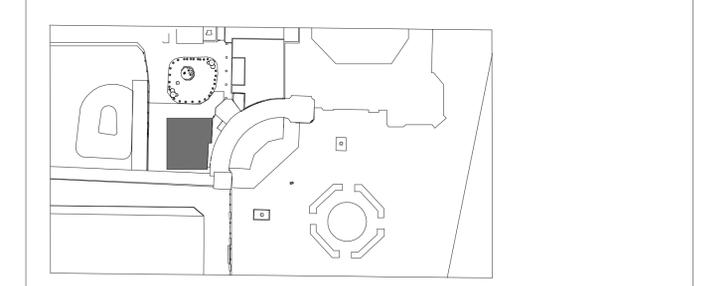
DEMOLITION GENERAL NOTES

- ALL DEMOLITION AND REMOVAL WORK INCLUDES, BUT IS NOT LIMITED TO THE WORK INDICATED, NOTED, SPECIFIED, AND COORDINATED WITH WORK OF ALL OTHER TRADES, AS INDICATED ELSEWHERE, AND AS REQUIRED TO ACCOMMODATE CONSTRUCTION.
- PRIOR TO STARTING WORK, CONTRACTOR TO MAKE A THOROUGH EXAMINATION OF THE PORTIONS OF THE STRUCTURE IN WHICH THE WORK IS TO BE PERFORMED INCLUDING, BUT NOT LIMITED TO THE WORK AT ADJOINING OR UNDERLYING LOCATIONS, REPORT TO THE ARCHITECT ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE PREVENT THE PROPER EXECUTION AND COMPLETION OF THE WORK. WORK SHALL NOT START UNTIL SUCH CONDITIONS HAVE BEEN EXAMINED AND MUTUALLY AGREED UPON WITH THE ARCHITECT.
- DASHED LINES INDICATE WALLS, FIXTURES, EQUIPMENT, ETC. TO BE REMOVED AND DISPOSED OF BY G.C.
- ANY QUESTIONS ON SCOPE OF DEMOLITION MUST BE DIRECTED TO THE ARCHITECT PRIOR TO BID. SHOULD QUESTIONS OR DISCREPANCIES ARISE, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT, IN WRITING, PRIOR TO PROCEEDING WITH DEMOLITION.
- ALL DIMENSIONS, LOCATIONS AND/OR ELEVATIONS OF EXISTING CONSTRUCTION CONDITIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO THE START OF WORK.
- CONTRACTOR(S) ARE RESPONSIBLE FOR SHORING, BRACING AND UNDERPINNING RELATED TO THE DEMOLITION, REMOVAL OR CUTTING OF AN WALL, PARTITION, OR ANY OTHER LOAD-BEARING OR STRUCTURAL ELEMENT.
- ALTER AND RESTORE EXISTING WALLS, PARTITIONS, COLUMNS, CEILING AND FLOORS, AND THEIR RESPECTIVE FINISHED SURFACES TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.
- IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVES OF ANY HAZARDOUS MATERIALS ENCOUNTERED DURING DEMOLITION/REMOVAL.
- CONTAINERIZED DEMOLITION DEBRIS SHALL BE TCLP TESTED TO CONFIRM WASTE MAY BE DISPOSED OF AS NON-HAZARDOUS.
- ALL ITEMS SCHEDULED FOR DEMOLITION SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OF SITE ON A DAILY BASIS.
- REFER TO ELECTRICAL, MECHANICAL, STRUCTURAL, PLUMBING, ETC. DEMOLITION DRAWINGS FOR ADDITIONAL ITEMS.
- PATCH AND REPAIR SURFACES (FLOOR, WALL, CEILING) DAMAGED IN PREPARATION FOR NEW EQUIPMENT AND FINISHES.

DEMOLITION LEGEND



Key Value	Keynote Text
DM-1	REMOVE EXISTING WOOD SIDING.
DM-2	REMOVE EXISTING GATE.
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-9	CONTRACTOR TO REMOVE ANY REMAINING EQUIPMENT AND BUILDING CONTENT. CONTENT MAY INCLUDE BUT NOT LIMITED TO REFRIGERATOR, STORAGE, RACKS, AC UNITS, GAMES ETC.
DM-10	REMOVE INTERIOR PARTITION.
DM-19	DISCONNECT AND REMOVE EXISTING SUSPENDED EQUIPMENT SUCH AS CAMERAS, SPEAKERS, ETC. SEE ELECTRICAL DRAWINGS FOR DETAILS.
DM-26	REMOVE EXISTING FLOOR AND CONCRETE SLAB ON GRADE. SEE STRUCTURAL DRAWINGS.
DM-30	EXISTING STRUCTURE TO BE REMOVED IN ITS ENTIRETY. SEE PLANS FOR EXTENT OF REMOVAL.
DM-31	REMOVE EXISTING COLUMN.
DM-32	REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
DM-33	REMOVE GAS SERVICE TO BUILDING. EXISTING TANKS TO BE REMOVED.
DM-35	REMOVE COUNTER AND ALL RELATED COMPONENTS.
DM-36	CAREFULLY REMOVE AND RELOCATE EXISTING WIRING, CONDUITS. SEE ELECTRICAL DRAWINGS.
DM-56	REMOVE EXISTING CONCRETE PAD.
DM-81	EXISTING DATA/ TELEPHONE COMMUNICATION CABLES TO BE SUPPORTED DURING CONSTRUCTION AND RELOCATED AS INDICATED.

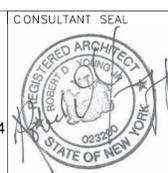


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CONSULTANT INFORMATION

The LiRo Group

1 State Street Plaza, New York, NY, 10004
(516) 938-5476 www.liro.com



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

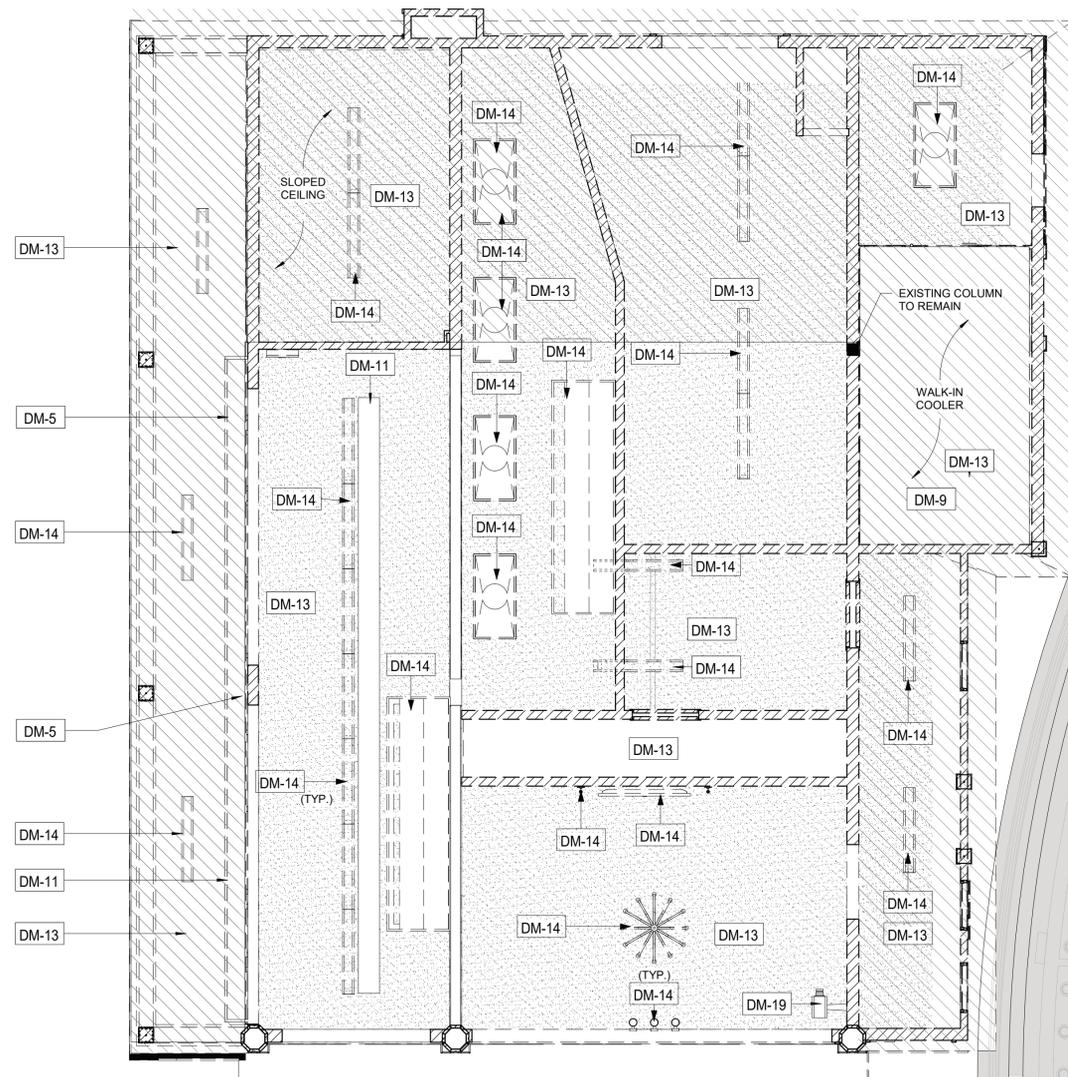
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

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
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
GROUND FLOOR DEMOLITION PLAN**

CONTRACT NUMBER	SHEET NUMBER
22-523	K-A-01
DWG NO.:	502 of 664
SCALE:	As indicated
DATE:	8/23/2022
DPW FILE NUMBER	REV. NO.
1-118-A-1251-0	0



PLAZA RESTAURANT
N.I.C.

COLONNADE
N.I.C.

TOWER #14
N.I.C.

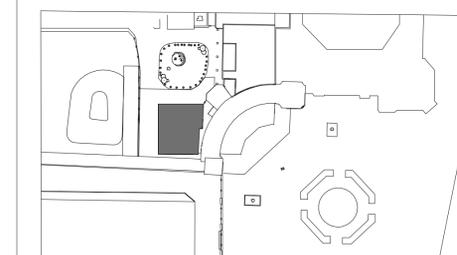
DEMOLITION RCP GENERAL NOTES

1. ALL DEMOLITION AND REMOVAL WORK INCLUDES, BUT IS NOT LIMITED TO THE WORK INDICATED, NOTED, SPECIFIED, AND COORDINATED WITH WORK OF ALL OTHER TRADES, AS INDICATED ELSEWHERE, AND AS REQUIRED TO ACCOMMODATE CONSTRUCTION.
2. PRIOR TO STARTING WORK, CONTRACTOR TO MAKE A THOROUGH EXAMINATION OF THE PORTIONS OF THE STRUCTURE IN WHICH THE WORK IS TO BE PERFORMED INCLUDING, BUT NOT LIMITED TO THE WORK AT ADJOINING OR UNDERLYING LOCATIONS, REPORT TO THE ARCHITECT ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE PREVENT THE PROPER EXECUTION AND COMPLETION OF THE WORK. WORK SHALL NOT START UNTIL SUCH CONDITIONS HAVE BEEN EXAMINED AND MUTUALLY AGREED UPON WITH THE ARCHITECT.
3. DASHED LINES INDICATE WALLS, FIXTURES, EQUIPMENT, ETC. TO BE REMOVED AND DISPOSED OF BY G.C.
4. ANY QUESTIONS ON SCOPE OF DEMOLITION MUST BE DIRECTED TO THE ARCHITECT PRIOR TO BID. SHOULD QUESTIONS OR DISCREPANCIES ARISE, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT, IN WRITING, PRIOR TO PROCEEDING WITH DEMOLITION.
5. ALL DIMENSIONS, LOCATIONS AND/OR ELEVATIONS OF EXISTING CONSTRUCTION CONDITIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO THE START OF WORK.
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7. ALTER AND RESTORE EXISTING WALLS, PARTITIONS, COLUMNS, CEILING AND FLOORS, AND THEIR RESPECTIVE FINISHED SURFACES TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.
8. IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVES OF ANY HAZARDOUS MATERIALS ENCOUNTERED DURING DEMOLITION/REMOVAL.
9. CONTAINERIZED DEMOLITION DEBRIS SHALL BE TCLP TESTED TO CONFIRM WASTE MAY BE DISPOSED OF AS NON-HAZARDOUS.
10. ALL ITEMS SCHEDULED FOR DEMOLITION SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OF SITE ON A DAILY BASIS.
11. REFER TO ELECTRICAL, MECHANICAL, STRUCTURAL, PLUMBING, ETC. DEMOLITION DRAWINGS FOR ADDITIONAL ITEMS.
12. PATCH AND REPAIR SURFACES (FLOOR, WALL, CEILING) DAMAGED IN PREPARATION FOR NEW EQUIPMENT AND FINISHES.

DEMOLITION LEGEND



Key Value	Keynote Text
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-9	CONTRACTOR TO REMOVE ANY REMAINING EQUIPMENT AND BUILDING CONTENT. CONTENT MAY INCLUDE BUT NOT LIMITED TO REFRIGERATOR, STORAGE, RACKS, AC UNITS, GAMES ETC.
DM-11	CAREFULLY REMOVE AND RETURN TO OWNER ALL EXISTING SIGNAGE AND LETTERING. COORDINATE SIGNAGE REMOVAL WITH OWNER PRIOR TO REMOVAL OF ANY SIGNAGE.
DM-13	REMOVE EXISTING CEILING AND ALL ACCESSORIES AND EQUIPMENT.
DM-14	REMOVE EXISTING LIGHTING FIXTURES AND ELECTRICAL WIRING CONNECTED TO THESE FIXTURES. SEE ELECTRICAL FOR DETAILS.
DM-19	DISCONNECT AND REMOVE EXISTING SUSPENDED EQUIPMENT SUCH AS CAMERAS, SPEAKERS, ETC. SEE ELECTRICAL DRAWINGS FOR DETAILS.
DM-54	CONTRACTOR TO CAREFULLY REMOVE, STORE AND CATALOG EXISTING "LANTERN" STYLE FIXTURE FOR REPLICATION. (TO BE UPDATED)



DEMO KEY PLAN

1 GROUND LEVEL DEMOLITION REFLECTED CEILING PLAN
1/4" = 1'-0"

8/30/2022 2:51:05 PM

CONSULTANT INFORMATION

 1 State Street Plaza, New York, NY, 10004
 (516) 938-5476 www.liro.com

CONSULTANT SEAL

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
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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
 PLAYLAND PARK, RYE, NEW YORK
 RESTAURANT KITCHEN WITH FOOD VENDING
 GROUND FLOOR DEMOLITION- REFLECTED CEILING PLANS**

CONTRACT NUMBER 22-523	SHEET NUMBER K-A-02
DWG NO.: 503 of 664	SCALE: As indicated
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-A-1252-0	

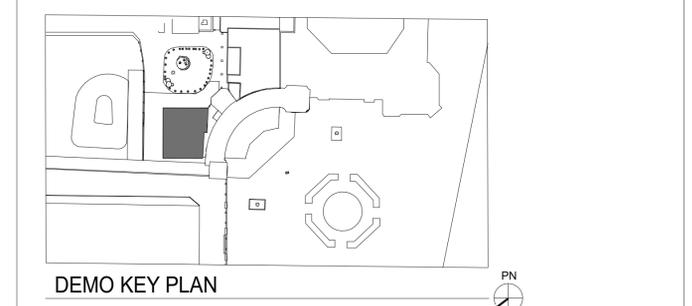
DEMOLITION GENERAL NOTES

1. ALL DEMOLITION AND REMOVAL WORK INCLUDES, BUT IS NOT LIMITED TO THE WORK INDICATED, NOTED, SPECIFIED, AND COORDINATED WITH WORK OF ALL OTHER TRADES, AS INDICATED ELSEWHERE, AND AS REQUIRED TO ACCOMMODATE CONSTRUCTION.
2. PRIOR TO STARTING WORK, CONTRACTOR TO MAKE A THOROUGH EXAMINATION OF THE PORTIONS OF THE STRUCTURE IN WHICH THE WORK IS TO BE PERFORMED INCLUDING, BUT NOT LIMITED TO THE WORK AT ADJOINING OR UNDERLYING LOCATIONS. REPORT TO THE ARCHITECT ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE PREVENT THE PROPER EXECUTION AND COMPLETION OF THE WORK. WORK SHALL NOT START UNTIL SUCH CONDITIONS HAVE BEEN EXAMINED AND MUTUALLY AGREED UPON WITH THE ARCHITECT.
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8. IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVES OF ANY HAZARDOUS MATERIALS ENCOUNTERED DURING DEMOLITION/REMOVAL.
9. CONTAINERIZED DEMOLITION DEBRIS SHALL BE TCLP TESTED TO CONFIRM WASTE MAY BE DISPOSED OF AS NON-HAZARDOUS.
10. ALL ITEMS SCHEDULED FOR DEMOLITION SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARING OF SITE ON A DAILY BASIS.
11. REFER TO ELECTRICAL, MECHANICAL, STRUCTURAL, PLUMBING, ETC. DEMOLITION DRAWINGS FOR ADDITIONAL ITEMS.
12. PATCH AND REPAIR SURFACES (FLOOR, WALL, CEILING) DAMAGED IN PREPARATION FOR NEW EQUIPMENT AND FINISHES.

DEMOLITION LEGEND



Key Value	Keynote Text
DM-11	CAREFULLY REMOVE AND RETURN TO OWNER ALL EXISTING SIGNAGE AND LETTERING. COORDINATE SIGNAGE REMOVAL WITH OWNER PRIOR TO REMOVAL OF ANY SIGNAGE.
DM-16	REMOVE EXISTING ROOFING SHINGLES, UNDERLAYMENT AND ANY ROTTED WOOD SHEATHING. REPLACE DAMAGED SHEATHING TO MATCH EXISTING. COORDINATE WITH A/E.
DM-20	ROOFTOP EQUIPMENT TO BE REMOVED. SEE MECHANICAL & STRUCTURAL DRAWINGS. CONTRACTOR SHALL PATCH EXISTING ROOF PENETRATION TO MATCH EXISTING ROOF.
DM-24	REMOVE EXISTING EXHAUST. SEE MECHANICAL DRAWINGS.
DM-30	EXISTING STRUCTURE TO BE REMOVED IN ITS ENTIRETY. SEE PLANS FOR EXTENT OF REMOVAL.
DM-33	REMOVE GAS SERVICE TO BUILDING. EXISTING TANKS TO BE REMOVED.
DM-36	CAREFULLY REMOVE AND RELOCATE EXISTING WIRING, CONDUITS. SEE ELECTRICAL DRAWINGS.
DM-53	REMOVE EXISTING AWNING. PROVIDE FOR DELIVERY TO THE OWNER AS DIRECTED BY THE A/E.



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

8/30/2022 2:51:09 PM

CONSULTANT INFORMATION

The LiRo Group
1 State Street Plaza, New York, NY, 10004
(516) 938-5476 www.liro.com

CONSULTANT SEAL

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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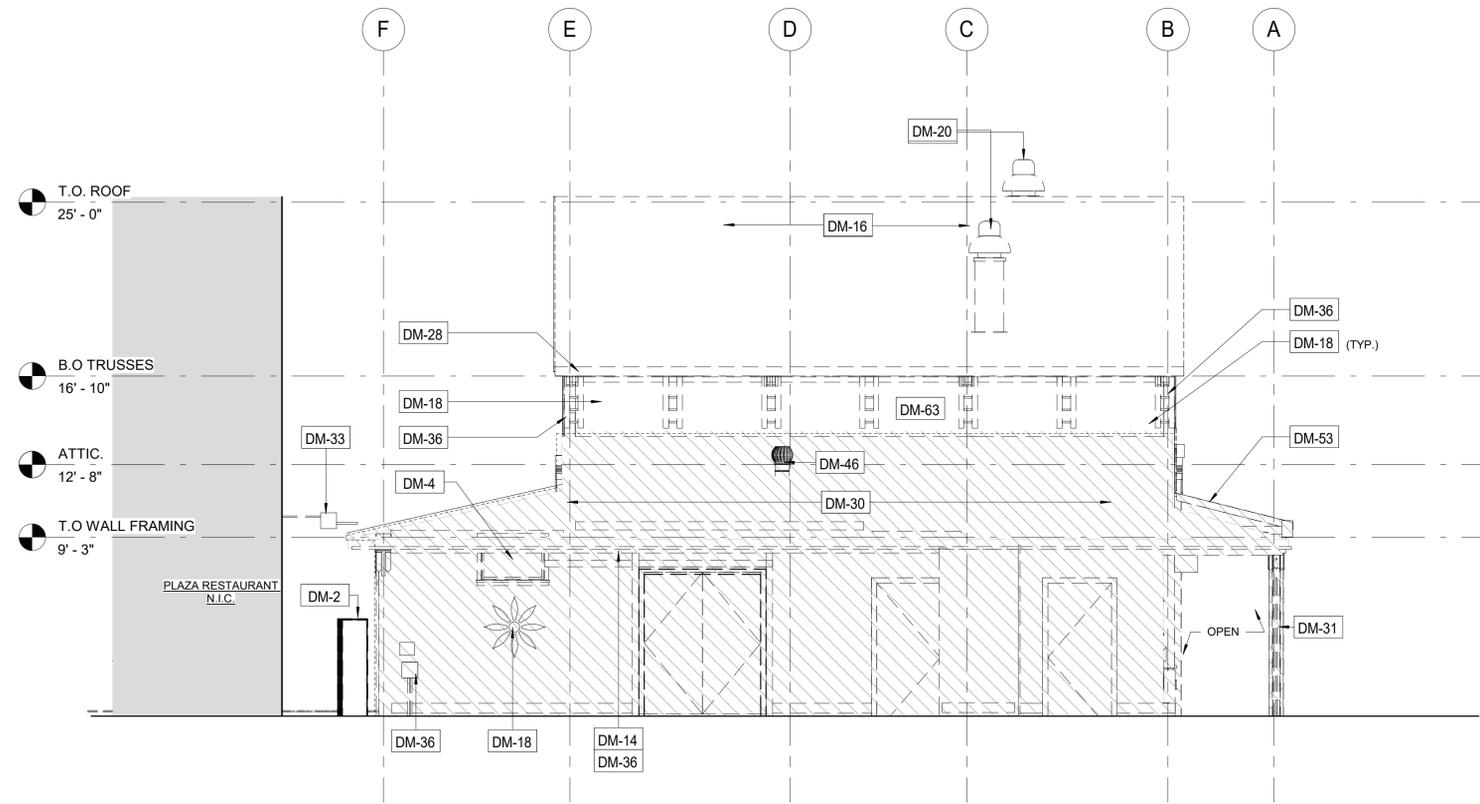
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CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

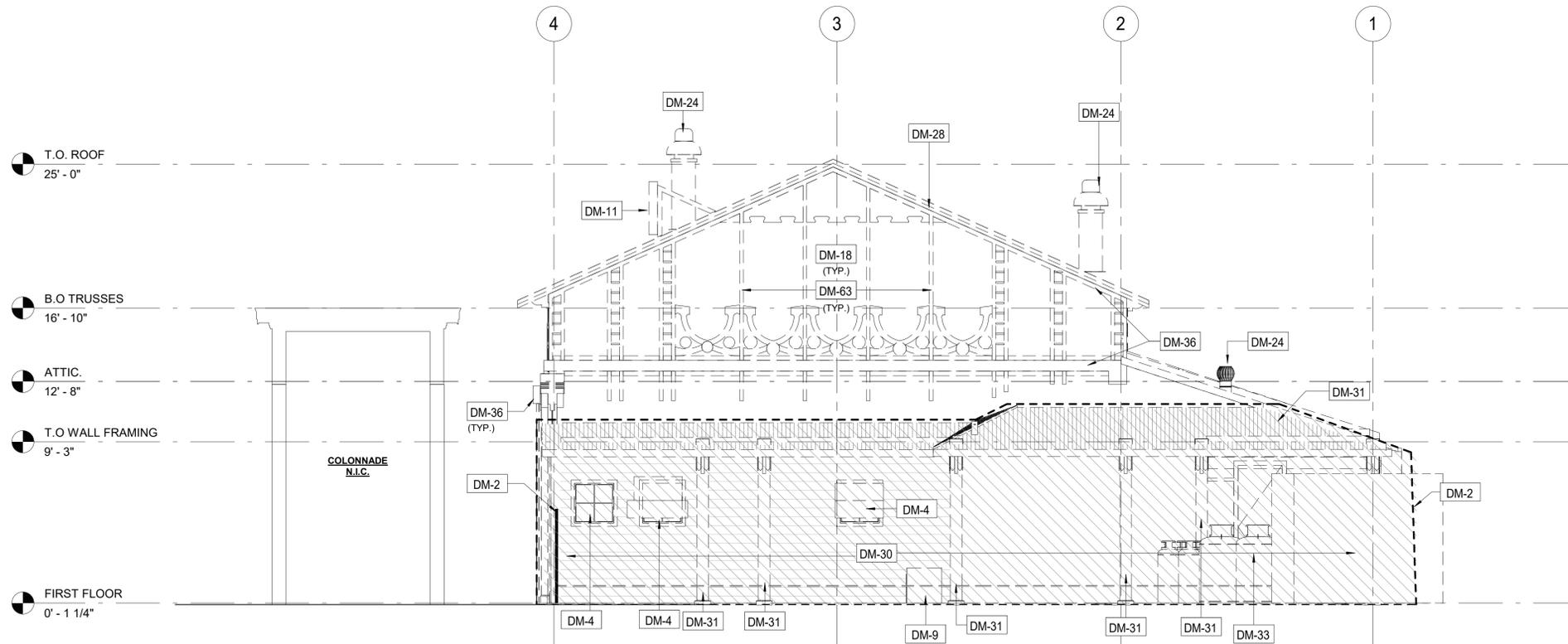
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
ROOF DEMOLITION PLAN**

CONTRACT NUMBER	SHEET NUMBER
22-523	K-A-03
DWG NO.:	504 of 664
SCALE:	As indicated
DATE:	8/23/2022
DPW FILE NUMBER	REV. NO.
1-118-A-1253-0	0



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



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

DEMOLITION GENERAL NOTES

1. ALL DEMOLITION AND REMOVAL WORK INCLUDES, BUT IS NOT LIMITED TO THE WORK INDICATED, NOTED, SPECIFIED, AND COORDINATED WITH WORK OF ALL OTHER TRADES, AS INDICATED ELSEWHERE, AND AS REQUIRED TO ACCOMMODATE CONSTRUCTION.
2. PRIOR TO STARTING WORK, CONTRACTOR TO MAKE A THOROUGH EXAMINATION OF THE PORTIONS OF THE STRUCTURE IN WHICH THE WORK IS TO BE PERFORMED INCLUDING, BUT NOT LIMITED TO THE WORK AT ADJOINING OR UNDERLYING LOCATIONS. REPORT TO THE ARCHITECT ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE PREVENT THE PROPER EXECUTION AND COMPLETION OF THE WORK. WORK SHALL NOT START UNTIL SUCH CONDITIONS HAVE BEEN EXAMINED AND MUTUALLY AGREED UPON WITH THE ARCHITECT.
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6. CONTRACTOR(S) ARE RESPONSIBLE FOR SHORING, BRACING AND UNDERPINNING RELATED TO THE DEMOLITION, REMOVAL OR CUTTING OF AN WALL, PARTITION, OR ANY OTHER LOAD-BEARING OR STRUCTURAL ELEMENT.
7. ALTER AND RESTORE EXISTING WALLS, PARTITIONS, COLUMNS, CEILING AND FLOORS, AND THEIR RESPECTIVE FINISHED SURFACES TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.
8. IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVES OF ANY HAZARDOUS MATERIALS ENCOUNTERED DURING DEMOLITION/REMOVAL.
9. CONTAINERIZED DEMOLITION DEBRIS SHALL BE TCLP TESTED TO CONFIRM WASTE MAY BE DISPOSED OF AS NON-HAZARDOUS.
10. ALL ITEMS SCHEDULED FOR DEMOLITION SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OF SITE ON A DAILY BASIS.
11. REFER TO ELECTRICAL, MECHANICAL, STRUCTURAL, PLUMBING, ETC. DEMOLITION DRAWINGS FOR ADDITIONAL ITEMS.
12. PATCH AND REPAIR SURFACES (FLOOR, WALL, CEILING) DAMAGED IN PREPARATION FOR NEW EQUIPMENT AND FINISHES.

DEMOLITION LEGEND



Key Value	Keynote Text
DM-2	REMOVE EXISTING GATE.
DM-4	REMOVE EXISTING WINDOW & FRAME.
DM-9	CONTRACTOR TO REMOVE ANY REMAINING EQUIPMENT AND BUILDING CONTENT. CONTENT MAY INCLUDE BUT NOT LIMITED TO REFRIGERATOR, STORAGE, RACKS, AC UNITS, GAMES ETC.
DM-11	CAREFULLY REMOVE AND RETURN TO OWNER ALL EXISTING SIGNAGE AND LETTERING. COORDINATE SIGNAGE REMOVAL WITH OWNER PRIOR TO REMOVAL OF ANY SIGNAGE.
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-18	REMOVE EXISTING PANELS & TRIMS.
DM-20	ROOFTOP EQUIPMENT TO BE REMOVED. SEE MECHANICAL & STRUCTURAL DRAWINGS. CONTRACTOR SHALL PATCH EXISTING ROOF PENETRATION TO MATCH EXISTING ROOF.
DM-24	REMOVE EXISTING EXHAUST. SEE MECHANICAL DRAWINGS.
DM-28	REMOVE EXISTING GUTTER, FASCIA, AND SOFFITS.
DM-30	EXISTING STRUCTURE TO BE REMOVED IN ITS ENTIRETY. SEE PLANS FOR EXTENT OF REMOVAL.
DM-31	REMOVE EXISTING COLUMN.
DM-33	REMOVE GAS SERVICE TO BUILDING. EXISTING TANKS TO BE REMOVED.
DM-36	CAREFULLY REMOVE AND RELOCATE EXISTING WIRING, CONDUITS. SEE ELECTRICAL DRAWINGS.
DM-46	EXISTING ELECTRICAL EQUIPMENT TO BE PROTECTED DURING CONSTRUCTION.
DM-53	REMOVE EXISTING AWNING. PROVIDE FOR DELIVERY TO THE OWNER AS DIRECTED BY THE A/E.
DM-63	CONTRACTOR TO CAREFULLY DOCUMENT AND REMOVE ALL EXISTING FACADE MATERIALS AND TRIM.

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CONSULTANT INFORMATION

The LiRo Group
1 State Street Plaza, New York, NY, 10004
(516) 938-5476 www.liro.com



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

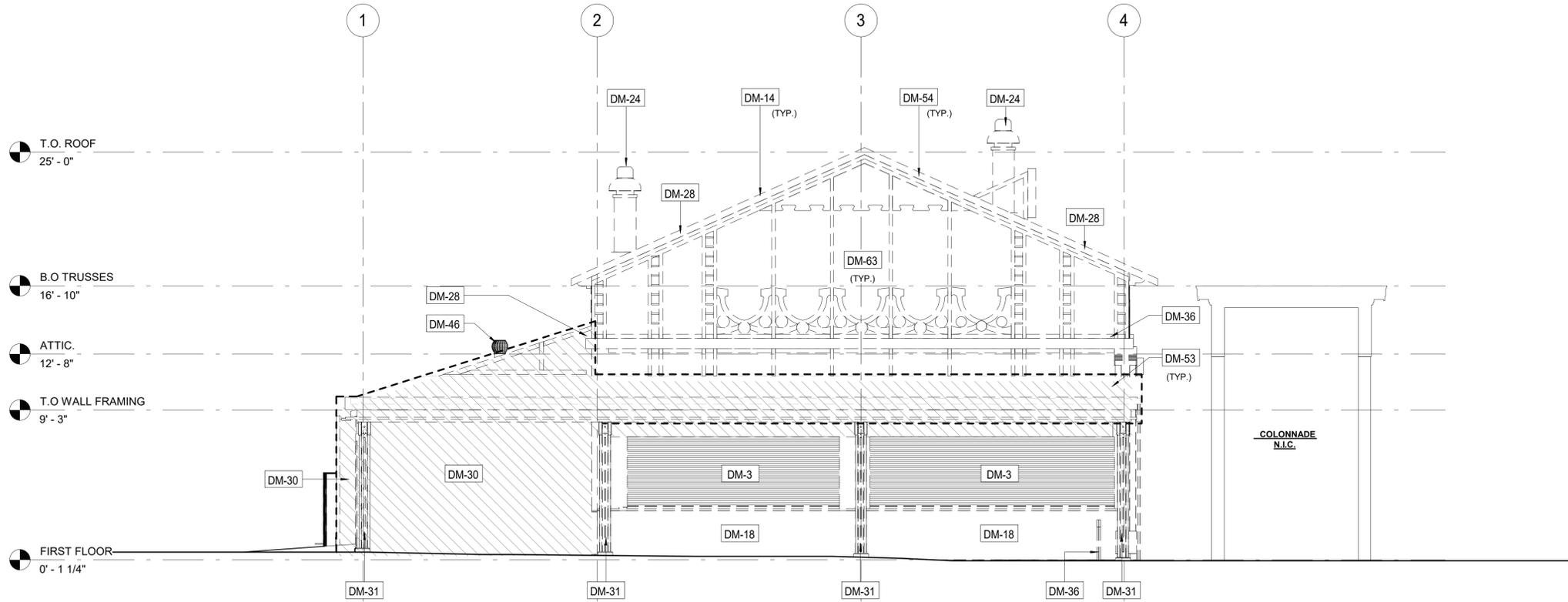
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

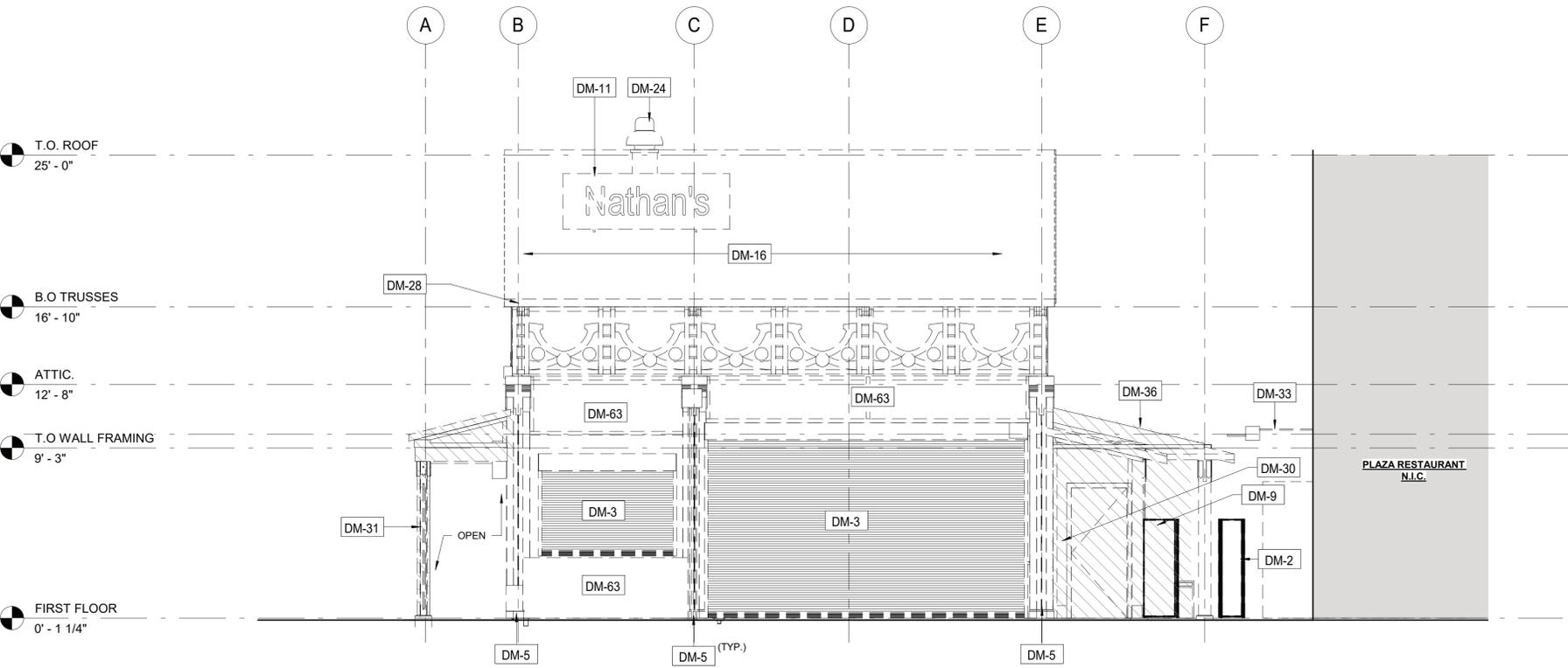
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
EXTERIOR DEMOLITION ELEVATIONS**

CONTRACT NUMBER	SHEET NUMBER
22-523	K-A-04
DWG NO.:	505 of 664
SCALE:	1/4" = 1'-0"
DATE:	8/23/2022
DPW FILE NUMBER	REV. NO.
1-118-A-1254-0	0



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



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

DEMOLITION GENERAL NOTES

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12. PATCH AND REPAIR SURFACES (FLOOR, WALL, CEILING) DAMAGED IN PREPARATION FOR NEW EQUIPMENT AND FINISHES.

DEMOLITION LEGEND



Key Value	Keystone Text
DM-2	REMOVE EXISTING GATE.
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-9	CONTRACTOR TO REMOVE ANY REMAINING EQUIPMENT AND BUILDING CONTENT. CONTENT MAY INCLUDE BUT NOT LIMITED TO REFRIGERATOR, STORAGE, RACKS, AC UNITS, GAMES ETC.
DM-11	CAREFULLY REMOVE AND RETURN TO OWNER ALL EXISTING SIGNAGE AND LETTERING. COORDINATE SIGNAGE REMOVAL WITH OWNER PRIOR TO REMOVAL OF ANY SIGNAGE.
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-18	REMOVE EXISTING PANELS & TRIMS.
DM-24	REMOVE EXISTING EXHAUST. SEE MECHANICAL DRAWINGS.
DM-28	REMOVE EXISTING GUTTER, FASCIA, AND SOFFITS.
DM-30	EXISTING STRUCTURE TO BE REMOVED IN ITS ENTIRETY. SEE PLANS FOR EXTENT OF REMOVAL.
DM-31	REMOVE EXISTING COLUMN.
DM-33	REMOVE GAS SERVICE TO BUILDING. EXISTING TANKS TO BE REMOVED.
DM-36	CAREFULLY REMOVE AND RELOCATE EXISTING WIRING, CONDUITS. SEE ELECTRICAL DRAWINGS.
DM-46	EXISTING ELECTRICAL EQUIPMENT TO BE PROTECTED DURING CONSTRUCTION.
DM-53	REMOVE EXISTING AWNING. PROVIDE FOR DELIVERY TO THE OWNER AS DIRECTED BY THE A/E.
DM-54	CONTRACTOR TO CAREFULLY REMOVE, STORE AND CATALOG EXISTING "LANTERN" STYLE FIXTURE FOR REPLICATION. (TO BE UPDATED)
DM-63	CONTRACTOR TO CAREFULLY DOCUMENT AND REMOVE ALL EXISTING FACADE MATERIALS AND TRIM.

8/30/2022 2:51:13 PM

CONSULTANT INFORMATION

1 State Street Plaza, New York, NY, 10004
(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	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

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

**INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
EXTERIOR DEMOLITION ELEVATIONS**

CONTRACT NUMBER	SHEET NUMBER
22-523	K-A-05
DWG NO.:	506 of 664
SCALE:	1/4" = 1'-0"
DATE:	8/23/2022
DPW FILE NUMBER	REV. NO.
1-118-A-1255-0	0



FLOOR PLAN GENERAL NOTES

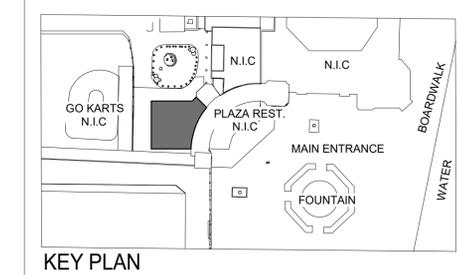
- DIMENSIONS ARE TO FACE OF GYPSUM WALL BOARD, FACE OF EXISTING WALL, GRID LINES, OR CENTERLINE OF COLUMN. ALL ELEVATIONS ARE NOTED FROM FINISH FLOOR ELEVATIONS.
- PROVIDE DRYWALL TRIM AT ALL EXPOSED EDGES AND CORNERS.
- PROVIDE METAL BLOCKING FOR ANY WALL MOUNTED EQUIPMENT OR ACCESSORIES. COORDINATE ALL BLOCKING REQUIREMENTS NECESSARY WITH OTHER TRADES.
- THE G.C. 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, G.C. IS TO NOTIFY THE ARCHITECT IMMEDIATELY. THE G.C. SHALL BE RESPONSIBLE FOR CORRECTING ANY AND ALL DISCREPANCIES FOUND AFTER THE WORK IS PERFORMED, AT NO ADDITIONAL EXPENSE TO THE OWNER.
- G.C. TO VERIFY ALL FINISHED DIMENSIONS. FIELD CONDITIONS ALTERING ANY DIMENSIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER AND ARCHITECT.
- THE G.C. SHALL PROVIDE CAULK JOINTS WHERE GYP. BD. MEETS THE FLOOR OR ROOF DECK.
- THE G.C. 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 G.C. WILL BE RESPONSIBLE FOR MEETING THE SCHEDULE AS OUTLINED IN THE CONTRACT.
- THE G.C. 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 G.C. 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. G.C. SHALL ALSO PAY SPECIAL ATTENTION THAT ALL WALL SURFACES ARE SMOOTH WHERE MURALS WILL BE DIRECTLY APPLIED TO WALL.
- G.C. TO COORDINATE ALL UTILITY STUB-UPS AND LOCATION OF ALL EQUIPMENT PRIOR TO INSTALLING ANY ONE ITEM.
- REFER TO SHEET K-A-94 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. G.C. TO DETERMINE ACCESS PANEL LOCATION W/ ARCHITECT PRIOR TO INSTALLATION.

CONSTRUCTION LEGEND

NOT IN CONTRACT	NEW CONSTRUCTION	DOOR TAG
KEY NOTES	PLUMBING FIXTURE	FIRE EXTINGUISHER
WINDOW TAG	FLOOR DRAIN	STUB UP
WALL TAG	ROOF GUARD RAIL	SBS 1/4" / 12"
MATERIAL / TRIM TAG	ROOF CRICKET, 1/2" / 12"	ASPHALT SHINGLE

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
4	NEW WINDOWS. SEE WINDOW SCHEDULE.
5	PROVIDE AND INSTALL DOOR INCLUDING FRAME, SILL, LINTEL AND ANY ASSOCIATE HARDWARE. SEE DOOR SCHEDULE.
10	PROVIDE AND INSTALL COLUMN ENCLOSURES. SEE DETAILS.
13	PROVIDE CONCRETE SLAB. REFER TO STRUCTURAL DRAWINGS.
20	NEW COUNTER ROLL DOWN DOOR LOCATED AT INTERIOR AND ASSOCIATED HARDWARE. REFER TO SCHEDULE FOR MORE DETAILS. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT).
21	NEW INTERIOR WALL. SEE WALL SCHEDULE.
34	PROVIDE NEW BENCH.
43	NEW COUNTERTOPS & SERVING WINDOWS.
84	HALF ROUND ALUMINUM GUTTER AND DOWNSPOUT.
87	NEW PRECAST CONCRETE PLANTER BOX.
94	NEW QUARRY TILE. SUPPRESS CONCRETE SLAB AS SHOWN IN 91K-A-81. SLOPE TOWARDS DRAIN.



1 GROUND LEVEL PLAN
1/4" = 1'-0"

8/30/2022 2:51:18 PM

CONSULTANT INFORMATION

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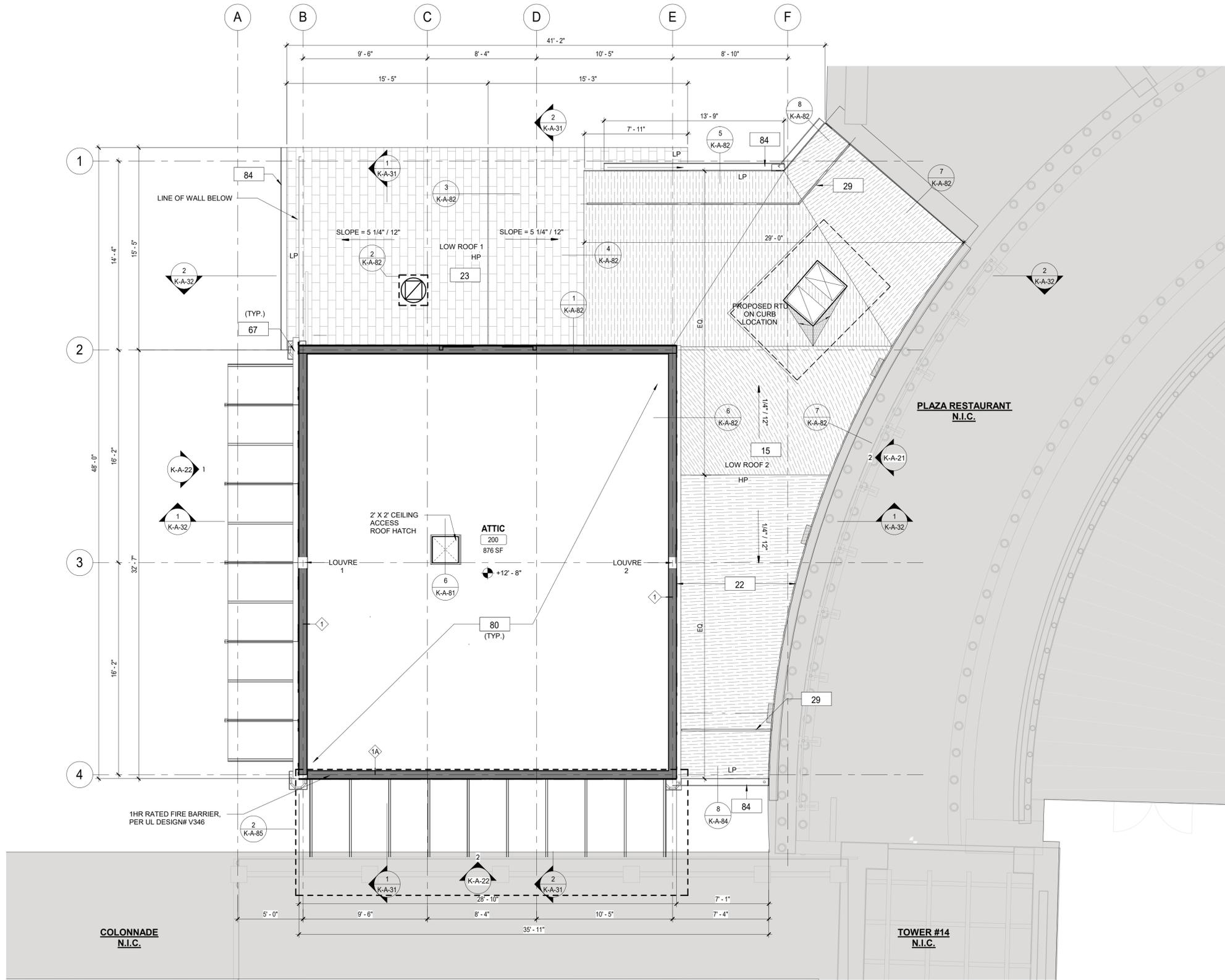
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

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
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
GROUND FLOOR CONSTRUCTION PLAN**

CONTRACT NUMBER 22-523	SHEET NUMBER K-A-11
DWG NO.: 507 of 664	SCALE: As indicated
DATE: 8/23/2023	REV. NO. 0
DPW FILE NUMBER 1-118-A-1256-0	



1 ATTIC AND LOW ROOF PLAN
1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

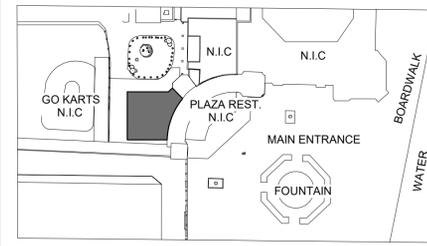
1. ALL METAL STUDS 20 GA. TYPICAL NON-LOAD BEARING PARTITIONS. SEE USG STEEL-FRAMED DRYWALL SYSTEMS * LIMITING HEIGHT* STEEL STUD ASSEMBLIES CHART. USE THE L/240 ALLOWABLE DEFLECTION FIGURES ONLY.
2. DIMENSIONS ARE TO FACE OF GYPSUM WALL BOARD, EXISTING WALL, GRID LINES, OR CENTERLINE OF COLUMN. ALL ELEVATIONS ARE NOTED FROM FINISH FLOOR ELEVATIONS.
3. PROVIDE DRYWALL TRIM AT ALL EXPOSED EDGES AND CORNERS.
4. MINIMUM DIMENSION FROM ANY CORNER OR WALL TO FRAMING STUD AT DOOR JAMB OPENING SHALL BE 4" (U.O.N.).
5. PROVIDE METAL BLOCKING FOR ANY WALL MOUNTED EQUIPMENT OR ACCESSORIES. COORDINATE ALL BLOCKING REQUIREMENTS NECESSARY WITH OTHER TRADES.
6. THE G.C. 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, G.C. IS TO NOTIFY THE ARCHITECT IMMEDIATELY. THE G.C. SHALL BE RESPONSIBLE FOR CORRECTING ANY AND ALL DISCREPANCIES FOUND AFTER THE WORK IS PERFORMED, AT NO ADDITIONAL EXPENSE TO THE OWNER.
7. G.C. TO VERIFY ALL FINISHED DIMENSIONS. FIELD CONDITIONS ALTERING ANY DIMENSIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER AND ARCHITECT.
8. THE G.C. SHALL PROVIDE CAULK JOINTS WHERE GYP. BD. MEETS THE FLOOR OR ROOF DECK.
9. THE G.C. 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 G.C. WILL BE RESPONSIBLE FOR MEETING THE SCHEDULE AS OUTLINED IN THE CONTRACT.
10. THE G.C. SHALL SUPPLY ALL MATERIAL, LABOR, AND COORDINATION REQUIRED FOR THE INSTALLATION OF ALL OWNER-SUPPLIED ITEMS AS DESCRIBED IN THE DOCUMENTS. U.N.O.
11. THE G.C. IS RESPONSIBLE FOR ALL FLOOR AND WALL PENETRATIONS FOR ELECTRICAL AND MECHANICAL WORK. ALL SUCH OPENING SHALL BE FRAMED AND REINFORCED.
12. FLOOR SURFACES SHALL BE LEVELED TO ASSURE SMOOTH SURFACE FOR FINISH FLOOR INSTALLATION. G.C. SHALL ALSO PAY SPECIAL ATTENTION THAT ALL WALL SURFACES ARE SMOOTH WHERE MURALS WILL BE DIRECTLY APPLIED TO WALL.
13. G.C. TO COORDINATE ALL UTILITY STUB-UPS AND LOCATION OF ALL EQUIPMENT PRIOR TO INSTALLING ANY ONE ITEM.
14. REFER TO SHEET K-A-84 FOR PARTITION TYPE INFORMATION.
15. PROVIDE PAINTED ACCESS PANELS IN WALLS & CEILING AT CONCEALED ITEMS, SUCH AS VALVES, CONTROLS, SWITCHES OR ANY OTHER ITEMS THAT REQUIRES ACCESS. G.C. TO DETERMINE ACCESS PANEL LOCATION W/ ARCHITECT PRIOR TO INSTALLATION.

CONSTRUCTION LEGEND

[Hatched Box]	NOT IN CONTRACT	[Solid Box]	NEW CONSTRUCTION	[101]	DOOR TAG
[Box with ?]	KEY NOTES	[Box with ?]	PLUMBING FIXTURE	[FE]	FIRE EXTINGUISHER
[Box with 11]	WINDOW TAG	[Box with FD]	FLOOR DRAIN	[Symbol]	STUB UP
[Box with 11]	WALL TAG	[Line]	ROOF GUARD RAIL	[Hatched Box]	SBS 1/4" / 12"
[Box with TR-1]	MATERIAL / TRIM TAG	[Hatched Box]	ROOF CRICKET, 1/2' / 12'	[Hatched Box]	ASPHALT SHINGLE

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
15	PROVIDE AND INSTALL SBS MODIFIED BITUMEN ROOFING AND UNDERLAYMENT.
22	PROVIDE NEW FLASHING ALONG EXISTING WALL AND ROOF CONNECTION.
23	NEW ROOF WITH BATT INSULATION (R-38 MIN) PACKED BETWEEN JOISTS. PROVIDE AND INSTALL SHINGLES, UNDERLAYMENT SHEATHING AND FLASHING SYSTEM.
29	PROVIDE AND INSTALL NEW OSHA COMPLIANT GUARD RAIL.
80	NEW 3/4" PLYWOOD FLOOR
84	HALF ROUND ALUMINUM GUTTER AND DOWNSPOUT.



KEY PLAN

CONSULTANT INFORMATION

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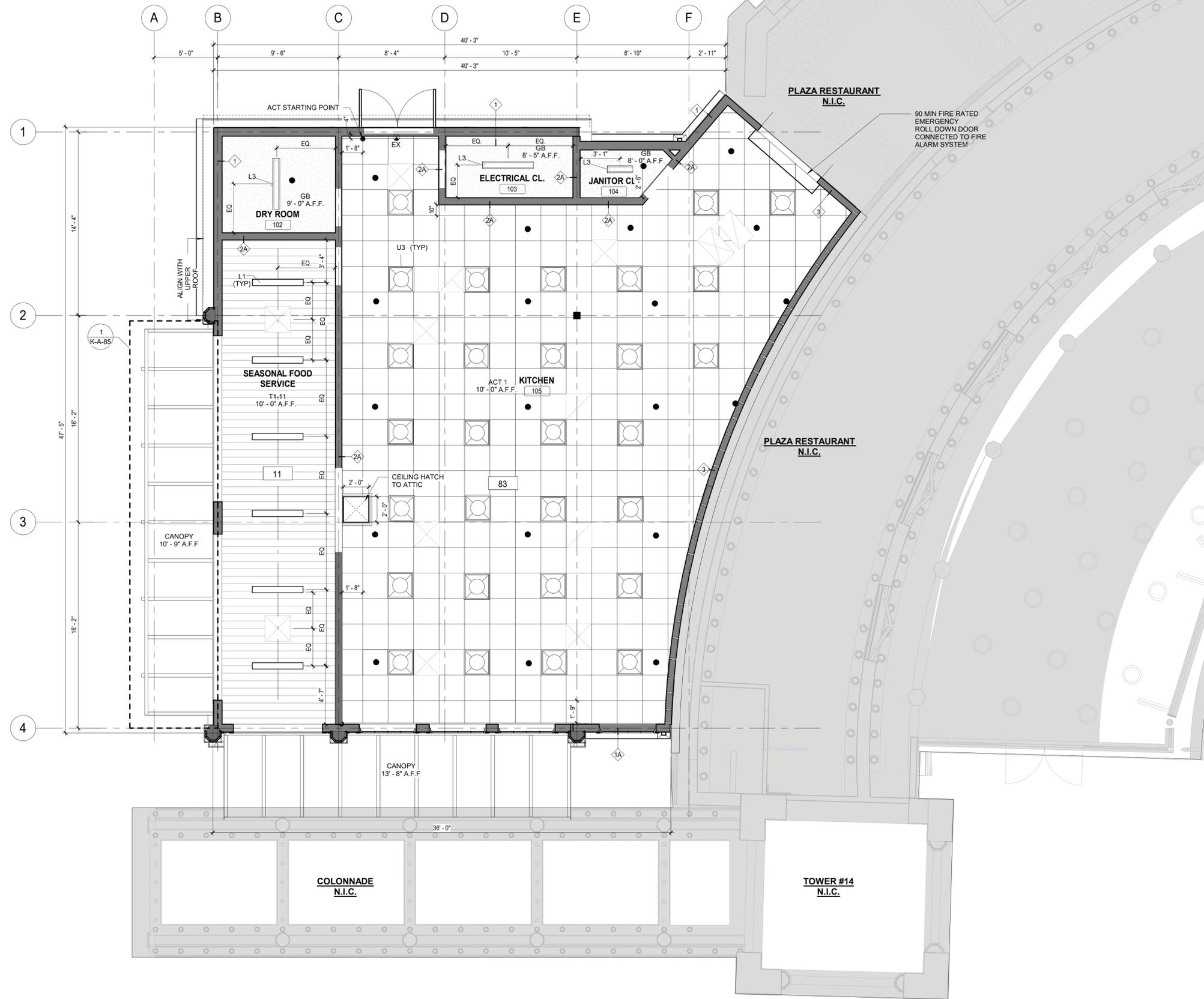
RECORD DRAWING CERTIFICATION
 AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

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

WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
**INFRASTRUCTURE REHABILITATION
 PLAYLAND PARK, RYE, NEW YORK
 RESTAURANT KITCHEN WITH FOOD VENDING
 ATTIC AND LOW ROOF CONSTRUCTION PLAN**

CONTRACT NUMBER 22-523	SHEET NUMBER K-A-12
DWG NO.: 508 of 664	SCALE: As indicated
DATE: 8/23/2023	REV. NO. 0
DPW FILE NUMBER 1-118-A-1257-0	

8/30/2022 2:51:22 PM



1 GROUND LEVEL REFLECTED CEILING PLAN
1/4" = 1'-0"

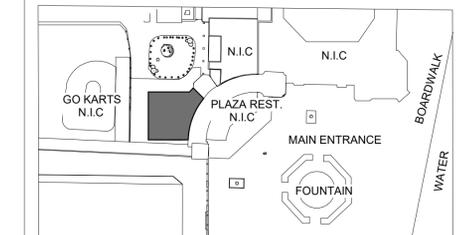


- RCP GENERAL NOTES**
1. CEILING TILES TO BE CENTERED BOTH WAYS IN EACH OR UNLESS DIMENSIONED OTHERWISE.
 2. ALL DIMENSIONS ARE TO THE CENTER OF LIGHT FIXTURE, U.N.O.
 3. FIXTURES LOCATED WITHIN THE CEILING GRID, ARE NOT NECESSARILY CENTERED IN EACH CEILING TILE. FOLLOW DIMENSIONS ON PLAN. IF NO DIMENSION IS PRESENT CONTACT ARCHITECT TO VERIFY LOCATION.
 4. LIGHT FIXTURES TO BE LOCATED AS INDICATED ON THIS PLAN. REFER TO ELECTRICAL DRAWINGS FOR EXACT NUMBER AND TYPE OF LIGHT FIXTURE. CONTACT ARCHITECT/ENGINEER IMMEDIATELY IF THERE ARE ANY DISCREPANCIES.
 5. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL DUCT DISTRIBUTION SYSTEM.
 6. THE G.C. SHALL SET ALL CEILING AND SOFFITS USING A LASER LEVEL TO ACHIEVE A CEILING THAT IS PLUMBING, LEVEL, AND SQUARE TO ALL WALLS AND SOFFITS.
 7. ALL NOTED CEILING DIMENSIONS ARE INDICATED AS CLEAR ABOVE FINISHED FLOOR DIMENSIONS. VERIFY THICKNESS OF FLOOR CONSTRUCTION WITH FLOOR SUBCONTRACTOR PRIOR TO THE INSTALLATION OF ANY NEW CEILING CONSTRUCTION IN ORDER TO ACHIEVE NOTED REQUIRED DIMENSIONS.
 8. ALL SOFFIT DIMENSIONS ARE TO FINISH FACE, U.N.O.
 9. ALL EXTERIOR DIMENSIONS ARE TO THE FACE OF EXTERIOR FINISH, U.N.O.
 10. G.C. TO PROVIDE ADEQUATE CLEARANCES FOR FIXTURES, DUCTS, CEILINGS, AND PERTINENT ITEMS NECESSARY TO MAINTAIN THE SPECIFIC HEIGHTS ABOVE FINISH FLOOR. COORDINATE MECHANICAL, ELECTRICAL AND PLUMBING AS REQUIRED.
 11. ADDITIONAL HANGER AND SAFETY WIRES FOR LIGHT FIXTURES AND AIR SUPPLY/RETURN DIFFUSERS AS REQUIRED BY LOCAL CODES TO BE THE RESPONSIBILITY OF THE SUB-CRONTACTOR. ALL WIRING SUPPORT TO BE "CEILING GRADE" AS CONCURRENT WITH ELECTRICAL CODE ADOPTED FOR JURISDICTION OF PROJECT.
 12. ALL CEILING ELEVATIONS DIMENSIONED FROM FINISH FLOOR BELOW.

- CONSTRUCTION LEGEND**
- NOT IN CONTRACT
 - L-1 LINEAR LIGHT FIXTURE
 - U-3 INTERIOR TROFFER LIGHT WITH LENS
 - KEY NOTES
 - L-3 LIGHT FIXTURE
 - M-2 MARQUEE LIGHTING
 - SPRINKLER
 - EX EXIT LIGHT
 - EXHAUST GRILL. SEE MECHANICAL DWGS.
 - SUPPLY DIFFUSER. SEE MECHANICAL DWGS.

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
11	PROVIDE AND INSTALL T1-11 CEILING.
83	FDA AND USDA COMPLIANT SQUARE LAY IN CEILING TILES.



KEY PLAN

8/30/2022 2:51:31 PM

CONSULTANT INFORMATION

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RECORD DRAWING CERTIFICATION

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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
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
GROUND FLOOR - REFLECTED CEILING PLANS**

CONTRACT NUMBER 22-523	SHEET NUMBER K-A-13
DWG NO.: 509 of 664	SCALE: As indicated
DATE: 8/23/20223	REV. NO. 0
DPW FILE NUMBER 1-118-A-1258-0	

RCP GENERAL NOTES

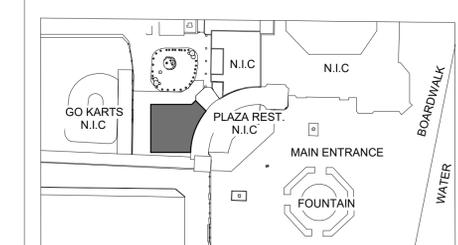
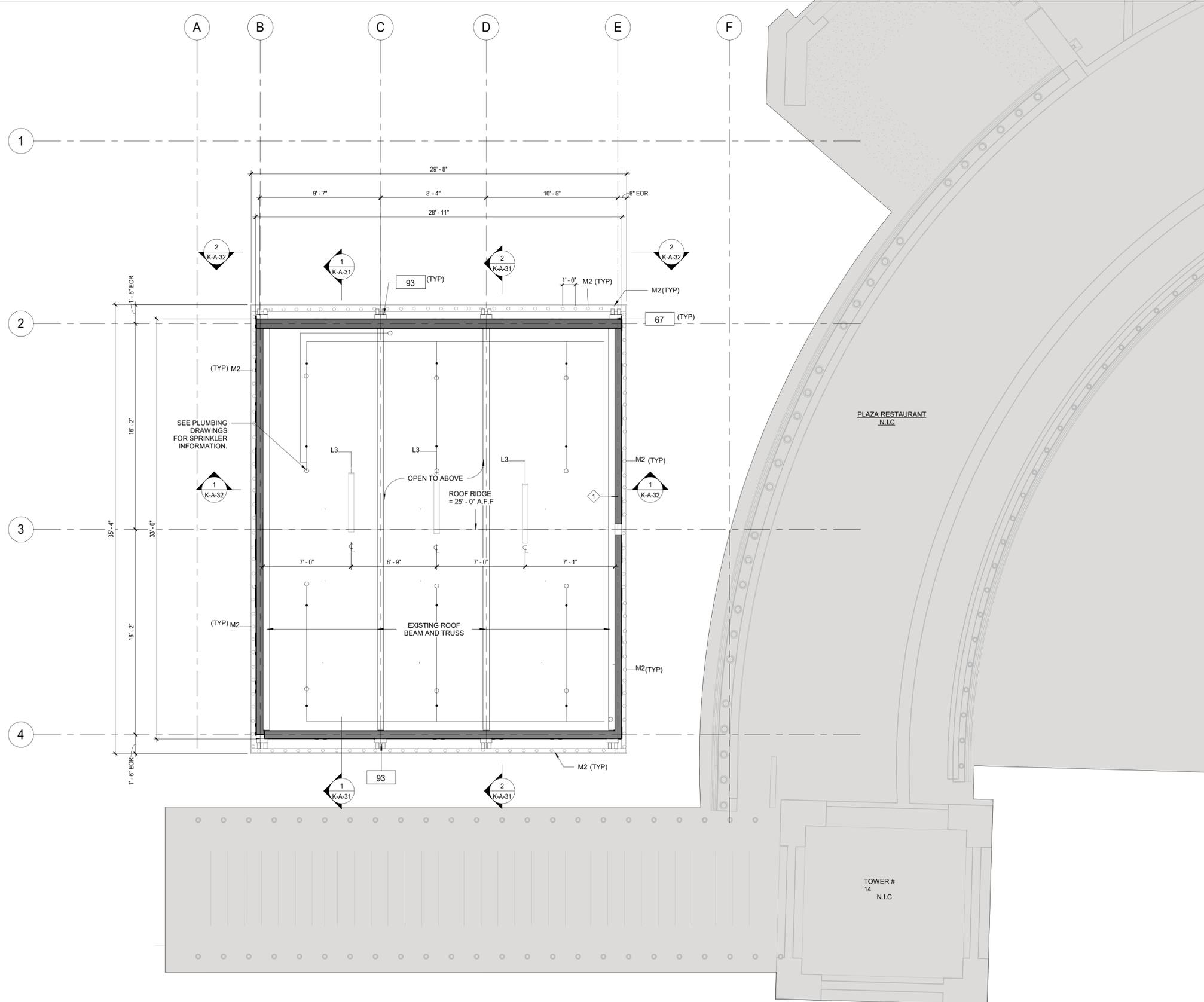
1. CEILING TILES TO BE CENTERED BOTH WAYS IN EACH OR UNLESS DIMENSIONED OTHERWISE.
2. ALL DIMENSIONS ARE TO THE CENTER OF LIGHT FIXTURE, U.N.O.
3. FIXTURES LOCATED WITHIN THE CEILING GRID, ARE NOT NECESSARILY CENTERED IN EACH CEILING TILE. FOLLOW DIMENSIONS ON PLAN. IF NO DIMENSION IS PRESENT CONTACT ARCHITECT TO VERIFY LOCATION.
4. LIGHT FIXTURES TO BE LOCATED AS INDICATED ON THIS PLAN. REFER TO ELECTRICAL DRAWINGS FOR EXACT NUMBER AND TYPE OF LIGHT FIXTURE. CONTACT ARCHITECT/ENGINEER IMMEDIATELY IF THERE ARE ANY DISCREPANCIES.
5. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL DUCT DISTRIBUTION SYSTEM.
6. THE G.C. SHALL SET ALL CEILING AND SOFFITS USING A LASER LEVEL TO ACHIEVE A CEILING THAT IS PLUMBING, LEVEL, AND SQUARE TO ALL WALLS AND SOFFITS.
7. ALL NOTED CEILING DIMENSIONS ARE INDICATED AS CLEAR ABOVE FINISHED FLOOR DIMENSIONS. VERIFY THICKNESS OF FLOOR CONSTRUCTION WITH FLOOR SUBCONTRACTOR PRIOR TO THE INSTALLATION OF ANY NEW CEILING CONSTRUCTION IN ORDER TO ACHIEVE NOTED REQUIRED DIMENSIONS.
8. ALL SOFFIT DIMENSIONS ARE TO FINISH FACE, U.N.O.
9. ALL EXTERIOR DIMENSIONS ARE TO THE FACE OF EXTERIOR FINISH, U.N.O.
10. G.C. TO PROVIDE ADEQUATE CLEARANCES FOR FIXTURES, DUCTS, CEILINGS, AND PERTINENT ITEMS NECESSARY TO MAINTAIN THE SPECIFIC HEIGHTS ABOVE FINISH FLOOR. COORDINATE MECHANICAL, ELECTRICAL AND PLUMBING AS REQUIRED.
11. ADDITIONAL HANGER AND SAFETY WIRES FOR LIGHT FIXTURES AND AIR SUPPLY RETURN DIFFUSERS AS REQUIRED BY LOCAL CODES TO BE THE RESPONSIBILITY OF THE SUB-CONTRACTOR. ALL WIRING SUPPORT TO BE "CEILING GRADE" AS CONCURRENT WITH ELECTRICAL CODE ADOPTED FOR JURISDICTION OF PROJECT.
12. ALL CEILING ELEVATIONS DIMENSIONED FROM FINISH FLOOR BELOW.

CONSTRUCTION LEGEND

- | | | | | | |
|--|---------------------------------------|--|--------------------------|--|--------------------------------------|
| | NOT IN CONTRACT | | L-1 LINEAR LIGHT FIXTURE | | U-3 INTERIOR TROFFER LIGHT WITH LENS |
| | KEY NOTES | | L-3 LIGHT FIXTURE | | M-2 MARQUEE LIGHTING |
| | SPRINKLER | | EX EXIT LIGHT | | EXHAUST GRILL. SEE MECHANICAL DWGS. |
| | SUPPLY DIFFUSER. SEE MECHANICAL DWGS. | | | | |

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
67	NEW FASCIA BOARD AND SOFFIT.
93	REPLICATE EVE SUPPORT TO MATCH DOCUMENTED EVE, LOCATIONS, SIZE AND SHAPE. FINISH PAINT COLORS AS SCHEDULED.



KEY PLAN

1 ATTIC FLOOR RCP
1/4" = 1'-0"

8/30/2022 2:51:40 PM

CONSULTANT INFORMATION

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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
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
ATTIC REFLECTED CEILING PLAN

CONTRACT NUMBER	SHEET NUMBER
22-523	K-A-14
DWG NO.:	510 of 664
SCALE:	As indicated
DATE:	8/23/2023
DPW FILE NUMBER	REV. NO.
1-118-A-1259-0	0

CONSTRUCTION GENERAL NOTES

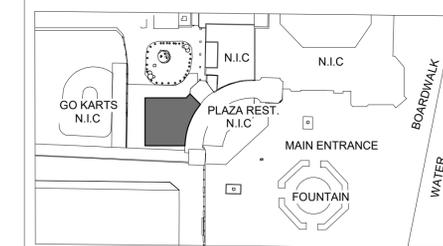
1. PROVIDE LEVEL ROOF CURB FOR ALL MECHANICAL EQUIPMENT 8 INCHES ABOVE HIGHEST FINISHED ROOF SURFACE.
2. REFER TO MECHANICAL DRAWINGS FOR ALL ROOF TOP MOUNTED EQUIPMENT LOCATIONS, SIZE & SPECIFICATIONS.
3. REFER TO PLUMBING, MECHANICAL, & ELECTRICAL DRAWINGS FOR ANY ADDITIONAL ROOF PENETRATIONS AND DETAILS.
4. REFER TO PLUMBING, MECHANICAL, & ELECTRICAL DRAWINGS FOR ANY ADDITIONAL ROOF PENETRATIONS AND DETAILS.
5. ROOFING SYSTEM AND ACCESSORIES INSTALLATION AND DETAILS ARE FOR DESIGN INTENT. ROOF INSTALLATION SHALL BE IN CONFORMANCE WITH MANUFACTURERS.
6. REFER TO SHEET K-A-82 FOR TYPICAL ROOF DETAILS.
7. SEE STRUCTURAL DRAWINGS FOR RTU OPENING FRAMING & REINFORCING.
9. LOW ROOF 1 AND LOW ROOF 2 REFER TO SHEET K-A-12.

CONSTRUCTION LEGEND

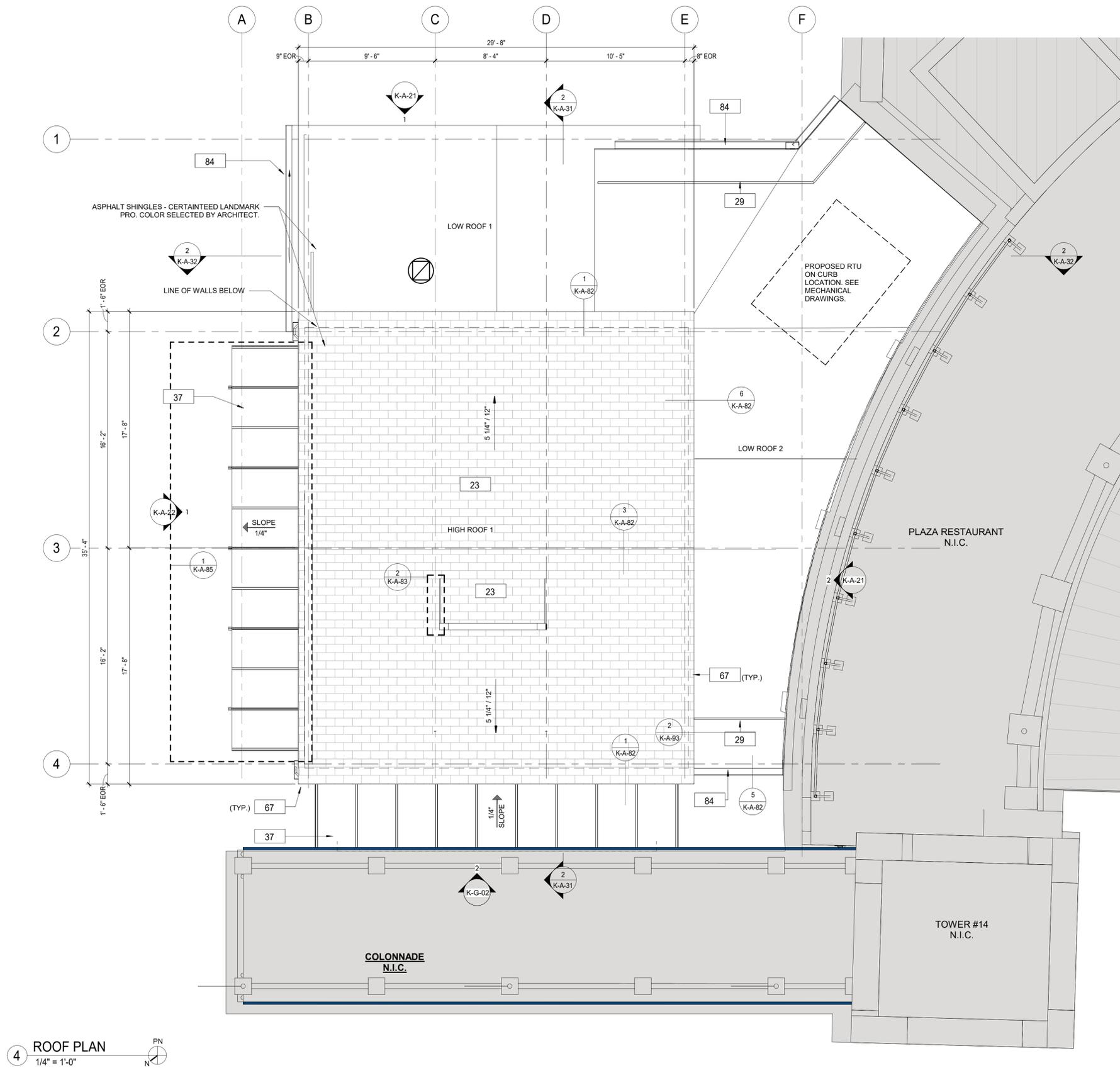
[Hatched Box]	NOT IN CONTRACT	[Solid Grey Box]	NEW CONSTRUCTION	[Circle with 101]	DOOR TAG
[Box with ?]	KEY NOTES	[Circle with ?]	PLUMBING FIXTURE	[Circle with FE]	FIRE EXTINGUISHER
[Circle with 11]	WINDOW TAG	[Square with FD]	FLOOR DRAIN	[Circle with cross]	STUB UP
[Circle with 11]	WALL TAG	[Line with cross]	ROOF GUARD RAIL	[Hatched Box]	SBS 1/4" / 12"
[Circle with TR-1]	MATERIAL / TRIM TAG	[Hatched Box]	ROOF CRICKET, 1/2" / 12"	[Hatched Box]	ASPHALT SHINGLE

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
23	NEW ROOF WITH BATT INSULATION (R-38 MIN) PACKED BETWEEN JOISTS. PROVIDE AND INSTALL SHINGLES, UNDERLAYMENT SHEATHING AND FLASHING SYSTEM.
29	PROVIDE AND INSTALL NEW OSHA COMPLIANT GUARD RAIL.
37	NEW CANOPY, SEE DETAILS.
67	NEW FASCIA BOARD AND SOFFIT.
84	HALF ROUND ALUMINUM GUTTER AND DOWNSPOUT.



KEY PLAN



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

8/30/2022 2:51:43 PM

CONSULTANT INFORMATION

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CONSULTANT SEAL

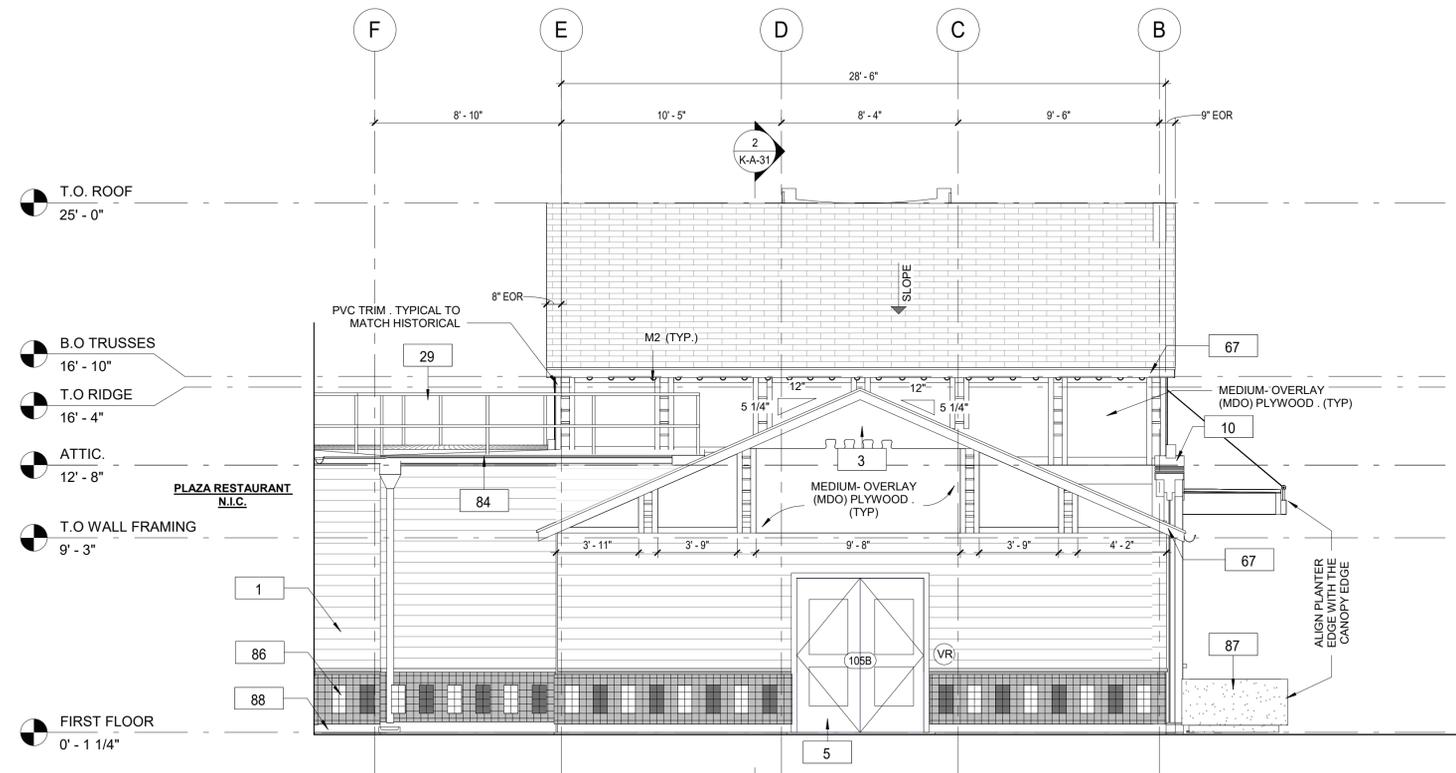
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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 AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

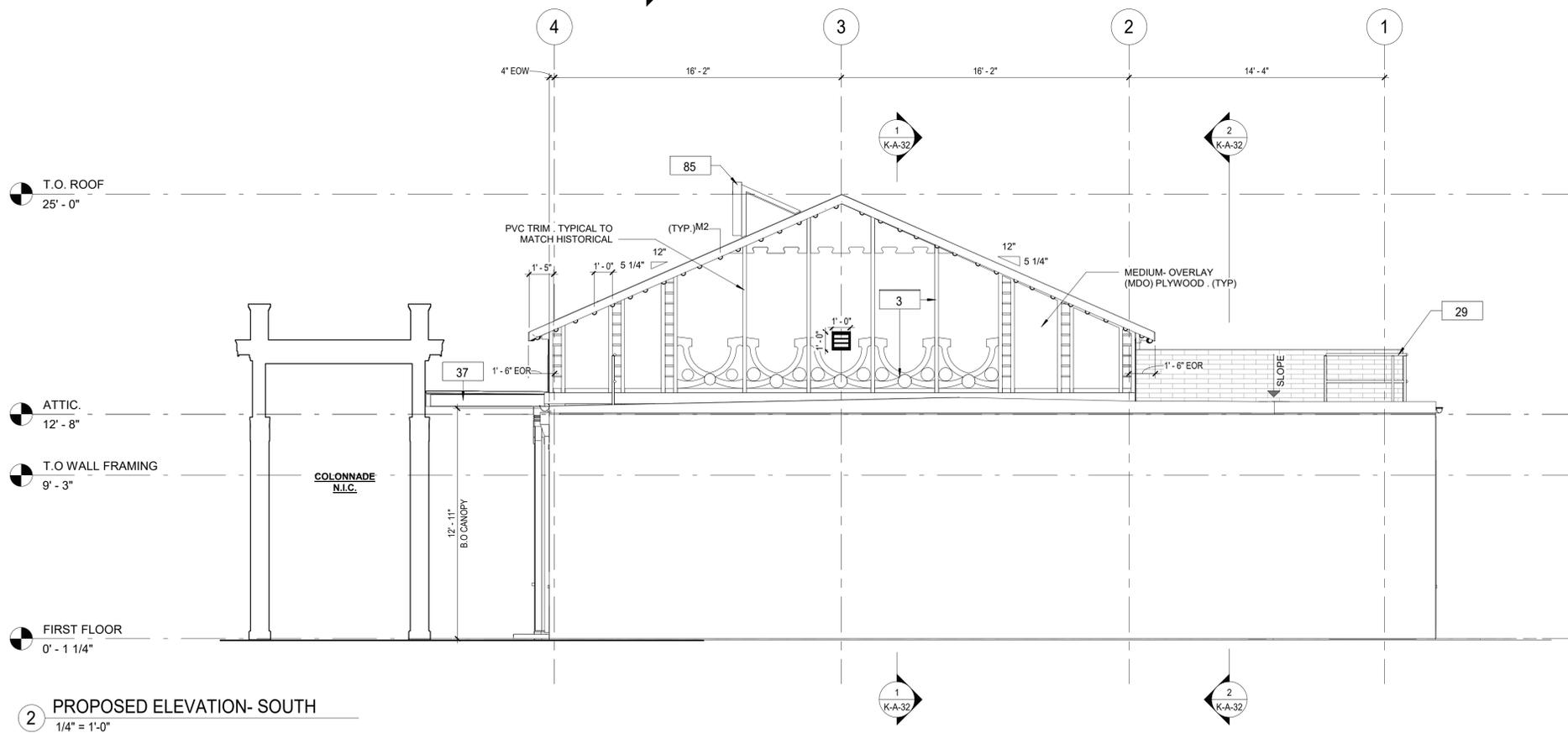
CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
**INFRASTRUCTURE REHABILITATION
 PLAYLAND PARK, RYE, NEW YORK
 RESTAURANT KITCHEN WITH FOOD VENDING
 ROOF CONSTRUCTION PLAN**

CONTRACT NUMBER 22-523	SHEET NUMBER K-A-15
DWG NO.: 511 of 664	SCALE: As indicated
DATE: 8/23/2023	REV. NO. 0
DPW FILE NUMBER 1-118-A-1260-0	



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



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

- CONSTRUCTION GENERAL NOTES**
1. THE ARCHITECT DOES NOT CERTIFY DIMENSIONS OR CONDITIONS OF EXISTING CONSTRUCTION. GENERAL CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY BETWEEN DRAWINGS AND EXISTING CONDITIONS. IN ADDITION, CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DEFECTIVE CONSTRUCTION UNCOVERED DURING CONSTRUCTION.
 2. CONTRACTOR SHALL KEEP WORK SITE FREE FROM DEBRIS AND ACCUMULATED REFUSE. AND SHALL HAVE SOLE RESPONSIBILITY FOR PROTECTING ALL DANGEROUS AREAS FROM ENTRY BY UNAUTHORIZED PARTIES. ALL CONSTRUCTION SCRAPS, DIRT, AND DEBRIS SHALL BE REMOVED FROM THE PREMISES DAILY. SITE SHALL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY. AT THE COMPLETION OF THE WORK, HE PREMISES SHALL BE LEFT IN A BROOM CLEAN CONDITION.
 3. MATERIALS UTILIZED SHALL BE AS SPECIFIED ON THE DRAWINGS OR IN THE JOB SPECIFICATIONS, OR, IF GENERIC, IN COMPLIANCE WITH ASTM, NEW YORK CODE, OR OTHER GENERALLY ACCEPTED STANDARDS.
 4. ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.
 5. THE G.C. 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, G.C. IS TO NOTIFY THE ARCHITECT IMMEDIATELY. THE G.C. SHALL BE RESPONSIBLE FOR CORRECTING ANY AND ALL DISCREPANCIES FOUND AFTER THE WORK IS PERFORMED, AT NO ADDITIONAL EXPENSE TO THE OWNER.
 6. G.C. TO VERIFY ALL FINISHED DIMENSIONS. FIELD CONDITIONS ALTERING ANY DIMENSIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER AND ARCHITECT.
 7. THE G.C. 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 G.C. WILL BE RESPONSIBLE FOR MEETING THE SCHEDULE AS OUTLINED IN THE CONTRACT.

CONSTRUCTION LEGEND

	NOT IN CONTRACT		NEW CONSTRUCTION		DOOR TAG
	KEY NOTES		PLUMBING FIXTURE		FIRE EXTINGUISHER
	WINDOW TAG		FLOOR DRAIN		STUB UP
	WALL TAG		ROOF GUARD RAIL		SBS 1/4" / 12"
	MATERIAL / TRIM TAG		ROOF CRICKET, 1/2" / 12"		ASPHALT SHINGLE

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
1	PROVIDE AND INSTALL NEW 1x8 MILLED YELLOW PINE - TONGUE AND GROOVE - NO BEVEL
3	REPLICATE TRIMS TO MATCH DOCUMENTED TRIM, LOCATIONS, SIZE AND SHAPE. FINISH PAINT COLORS AS SCHEDULED.
5	PROVIDE AND INSTALL DOOR INCLUDING FRAME, SILL, LINTEL AND ANY ASSOCIATE HARDWARE. SEE DOOR SCHEDULE.
10	PROVIDE AND INSTALL COLUMN ENCLOSURES. SEE DETAILS.
29	PROVIDE AND INSTALL NEW OSHA COMPLIANT GUARD RAIL.
37	NEW CANOPY, SEE DETAILS.
67	NEW FASCIA BOARD AND SOFFIT.
84	HALF ROUND ALUMINUM GUTTER AND DOWNSPOUT.
85	NEW ROOF MOUNTED SIGN. SEE DETAILS
86	NEW CERAMIC TILES.
87	NEW PRECAST CONCRETE PLANTER BOX.
88	NEW PVC BASEBOARD.

8/30/2022 2:51:44 PM

CONSULTANT INFORMATION

1 State Street Plaza, New York, NY, 10004
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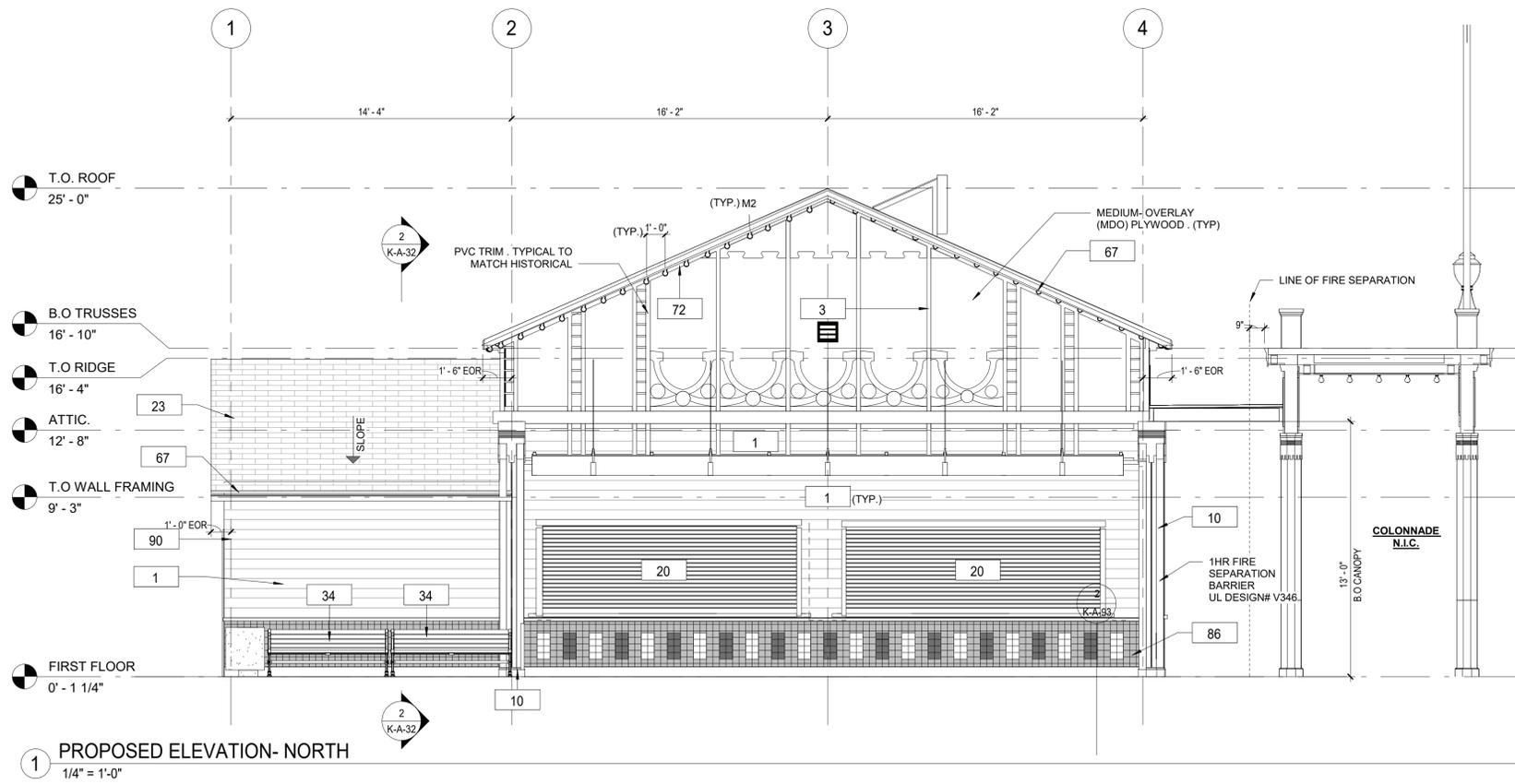
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

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

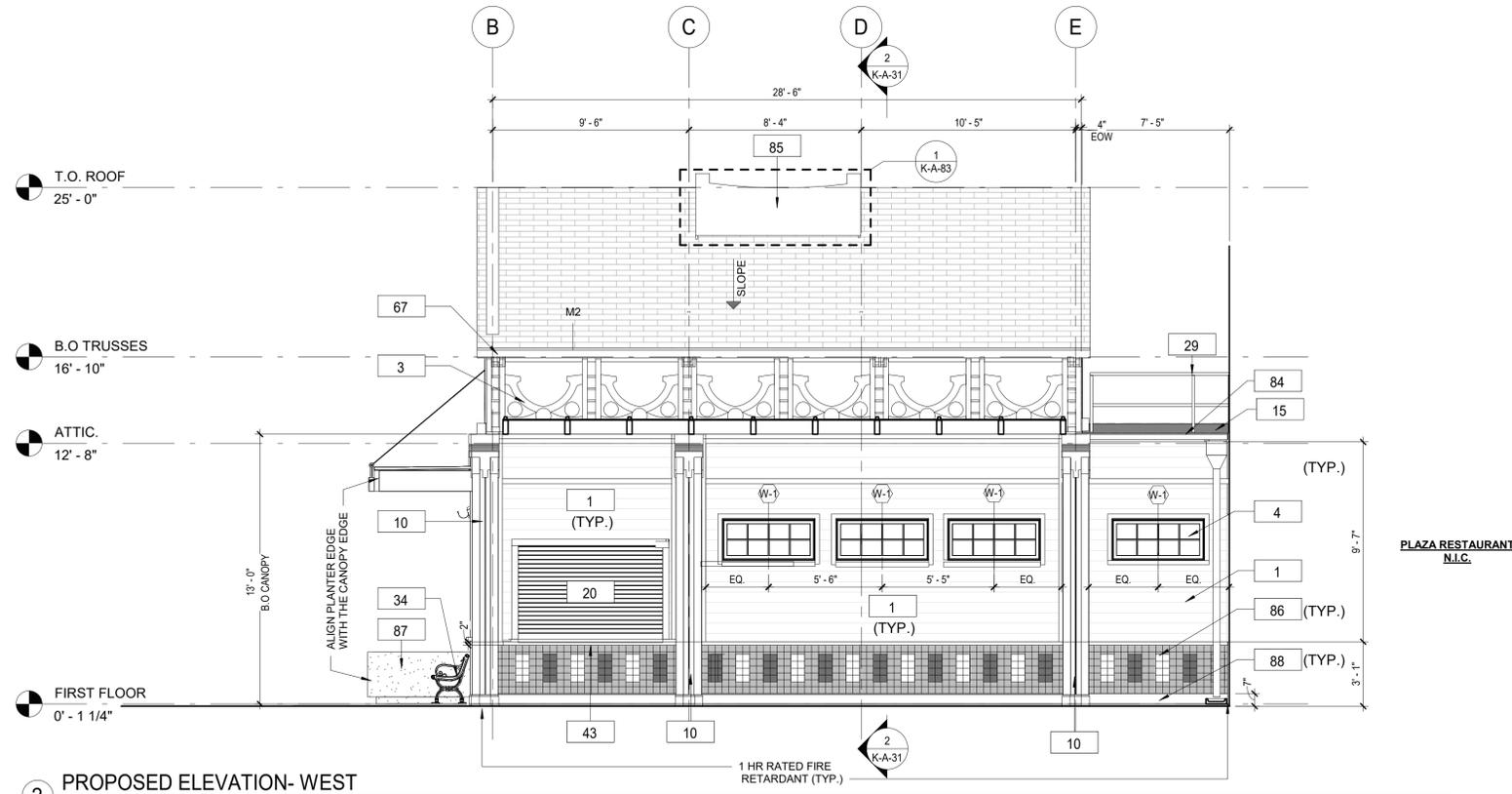
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
EXTERIOR BUILDING ELEVATIONS - EAST AND SOUTH**

CONTRACT NUMBER 22-523	SHEET NUMBER K-A-21
DWG NO.: 512 of 664	SCALE: 1/4" = 1'-0"
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-A-1261-0	



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



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

CONSTRUCTION GENERAL NOTES

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

[Hatched Box]	NOT IN CONTRACT	[Solid Grey Box]	NEW CONSTRUCTION	[Circle with 101]	DOOR TAG
[Circle with ?]	KEY NOTES	[Circle with ?]	PLUMBING FIXTURE	[Circle with FE]	FIRE EXTINGUISHER
[Circle with 11]	WINDOW TAG	[Square with FD]	FLOOR DRAIN	[Circle with cross]	STUB UP
[Circle with 11]	WALL TAG	[Line]	ROOF GUARD RAIL	[Hatched Box]	SBS 1/4" / 12"
[Circle with TR-1]	MATERIAL / TRIM TAG	[Hatched Box]	ROOF CRICKET, 1/2" / 12"	[Hatched Box]	ASPHALT SHINGLE

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
1	PROVIDE AND INSTALL NEW 1x8 MILLED YELLOW PINE - TONGUE AND GROOVE - NO BEVEL
3	REPLICATE TRIMS TO MATCH DOCUMENTED TRIM, LOCATIONS, SIZE AND SHAPE. FINISH PAINT COLORS AS SCHEDULED.
4	NEW WINDOWS. SEE WINDOW SCHEDULE.
10	PROVIDE AND INSTALL COLUMN ENCLOSURES. SEE DETAILS.
15	PROVIDE AND INSTALL SBS MODIFIED BITUMEN ROOFING AND UNDERLAYMENT.
20	NEW COUNTER ROLL DOWN DOOR LOCATED AT INTERIOR AND ASSOCIATED HARDWARE. REFER TO SCHEDULE FOR MORE DETAILS. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT).
23	NEW ROOF WITH BATT INSULATION (R-38 MIN) PACKED BETWEEN JOISTS. PROVIDE AND INSTALL SHINGLES, UNDERLAYMENT SHEATHING AND FLASHING SYSTEM.
29	PROVIDE AND INSTALL NEW OSHA COMPLIANT GUARD RAIL.
34	PROVIDE NEW BENCH.
43	NEW COUNTERS & SERVING WINDOWS.
67	NEW FASCIA BOARD AND SOFFIT.
72	NEW LIGHT FIXTURES TO BE INSTALLED (SEE ELECTRICAL DRAWINGS).
84	HALF ROUND ALUMINUM GUTTER AND DOWNSPOUT.
85	NEW ROOF MOUNTED SIGN. SEE DETAILS.
86	NEW CERAMIC TILES.
87	NEW PRECAST CONCRETE PLANTER BOX.
88	NEW PVC BASEBOARD.
90	NEW OUTSIDE CORNER MOULDING.

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CONSULTANT INFORMATION

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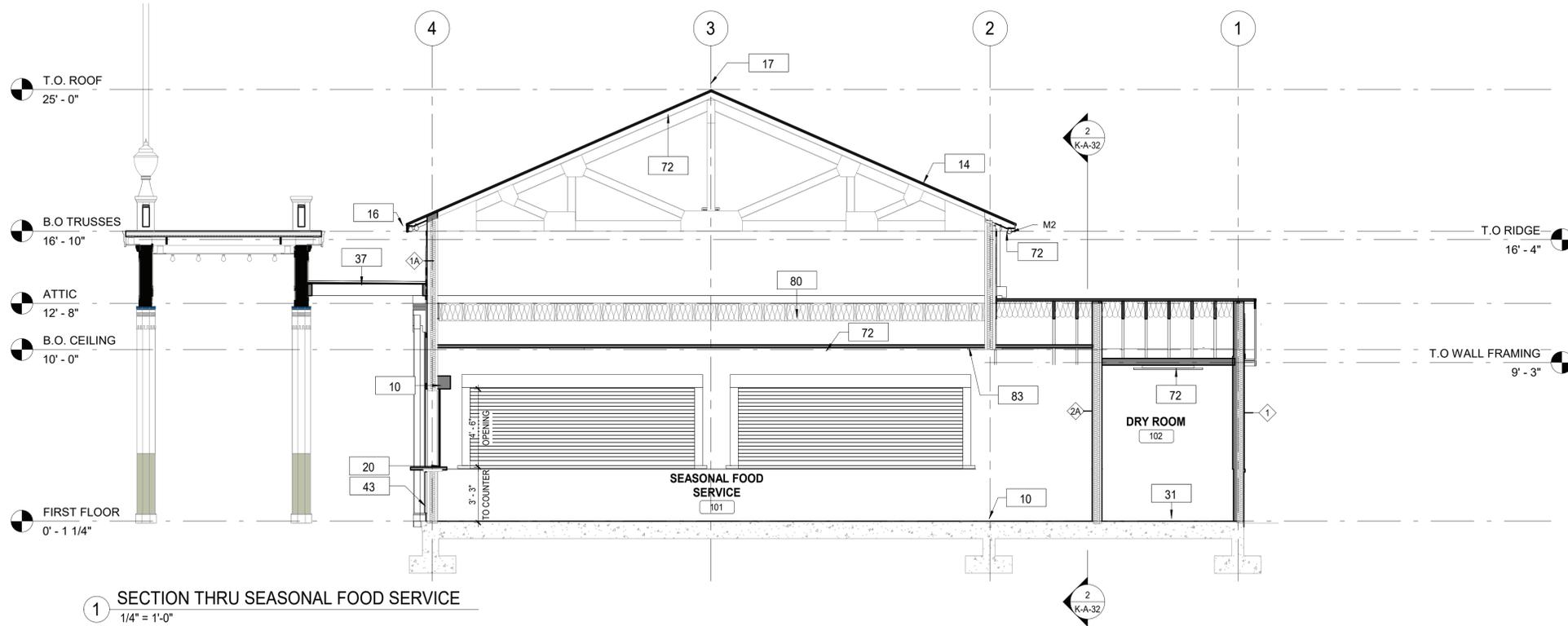
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
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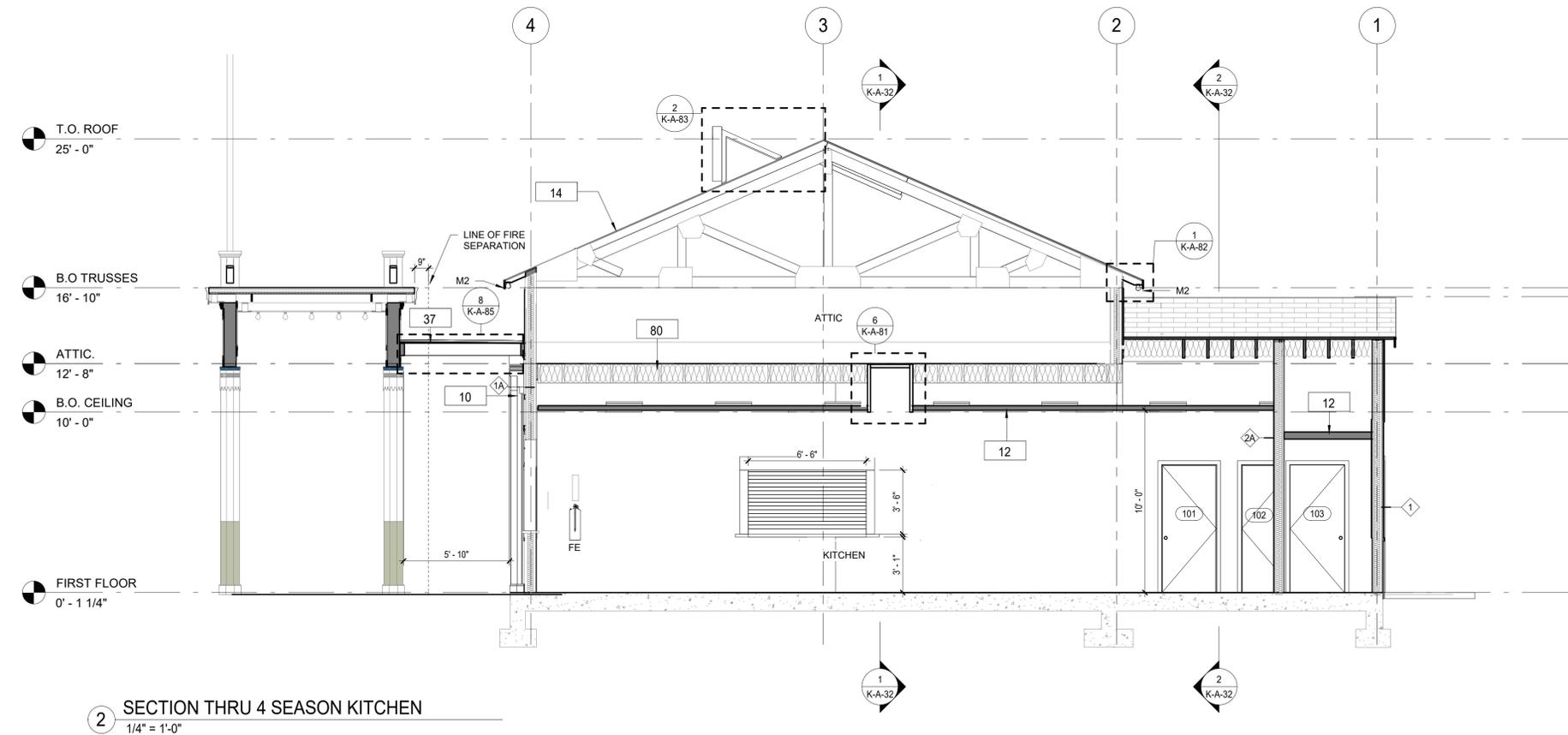
CONTRACTOR: _____ PROJECT COORDINATOR: _____
 NAME: _____ NAME: _____
 SIGNATURE: _____ SIGNATURE: _____
 TITLE: _____ DATE: _____ TITLE: _____ DATE: _____

WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
**INFRASTRUCTURE REHABILITATION
 PLAYLAND PARK, RYE, NEW YORK
 RESTAURANT KITCHEN WITH FOOD VENDING
 EXTERIOR BUILDING ELEVATIONS - NORTH AND WEST**

CONTRACT NUMBER 22-523	SHEET NUMBER K-A-22
DWG NO.: 513 of 664	SCALE: 1/4" = 1'-0"
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-A-1262-0	



1 SECTION THRU SEASONAL FOOD SERVICE
1/4" = 1'-0"



2 SECTION THRU 4 SEASON KITCHEN
1/4" = 1'-0"

CONSTRUCTION GENERAL NOTES

1. THE ARCHITECT DOES NOT CERTIFY DIMENSIONS OR CONDITIONS OF EXISTING CONSTRUCTION. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY BETWEEN DRAWINGS AND EXISTING CONDITIONS. IN ADDITION, CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DEFECTIVE CONSTRUCTION UNCOVERED DURING CONSTRUCTION.
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3. ALL WORK TO BE PERFORMED IN A WORKMANLIKE FASHION. MATERIALS UTILIZED SHALL BE AS SPECIFIED ON THE DRAWINGS OR IN THE JOB SPECIFICATIONS, OR, IF GENERIC, IN COMPLIANCE WITH ASTM, NEW YORK CODE, OR OTHER GENERALLY ACCEPTED STANDARDS.
4. WHERE EXISTING EQUIPMENT OR CONSTRUCTION IS REMOVED OR ALTERED, ALL REMAINING SURFACES AND FINISHES AFFECTED SHALL BE PATCHED AND FINISHED TO MATCH ADJACENT CONSTRUCTION/PRE-EXISTING CONDITION.
5. ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES. ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.
6. ALL INFILLED OPENINGS TO BE FLUSH WITH EXISTING MASONRY WALL SURFACES, EXTERIOR OF NEW AND OLD TO BE FLUSH AND MATCH WITH EXISTING ADJACENT WALL SYSTEM.
7. THE G.C. 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, G.C. IS TO NOTIFY THE ARCHITECT IMMEDIATELY. THE G.C. 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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CONSTRUCTION LEGEND

- NOT IN CONTRACT
- ? KEY NOTES
- 11 WINDOW TAG
- 101 DOOR TAG

KEYNOTE LEGEND CONST.

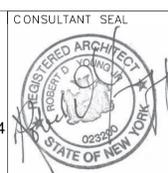
Key Value	Keynote Text
10	PROVIDE AND INSTALL COLUMN ENCLOSURES. SEE DETAILS.
12	PROVIDE DROP CEILING AND ALL HANGERS/ ACCESSORIES.
14	PROVIDE NEW ASPHALT SHINGLE ROOFING, UNDERLAYMENT, AND REPLACE IN KIND EXISTING DECKING AS REQUIRED (COORDINATE WITH STRUCTURAL).
16	PROVIDE AND INSTALL ALUMINUM METAL DRIP EDGE, DOWNSPOUT AND GUTTER AT PERIMETER OF ROOF.
17	PROVIDE AND INSTALL RIDGE VENT AT ROOF HIPS.
20	NEW COUNTER ROLL DOWN DOOR LOCATED AT INTERIOR AND ASSOCIATED HARDWARE. REFER TO SCHEDULE FOR MORE DETAILS. CONTRACTOR TO V.I.F. ALL DIMENSIONS BEFORE ORDERING (TYPICAL THROUGHOUT.)
31	NEW CONCRETE PAD FOUNDATION. SEE STRUCTURAL DRAWINGS.
37	NEW CANOPY, SEE DETAILS.
43	NEW COUNTERS & SERVING WINDOWS.
72	NEW LIGHT FIXTURES TO BE INSTALLED (SEE ELECTRICAL DRAWINGS).
80	NEW 3/4" PLYWOOD FLOOR
83	FDA AND USDA COMPLIANT SQUARE LAY IN CEILING TILES.

8/30/2022 2:51:50 PM

CONSULTANT INFORMATION

The LiRo Group

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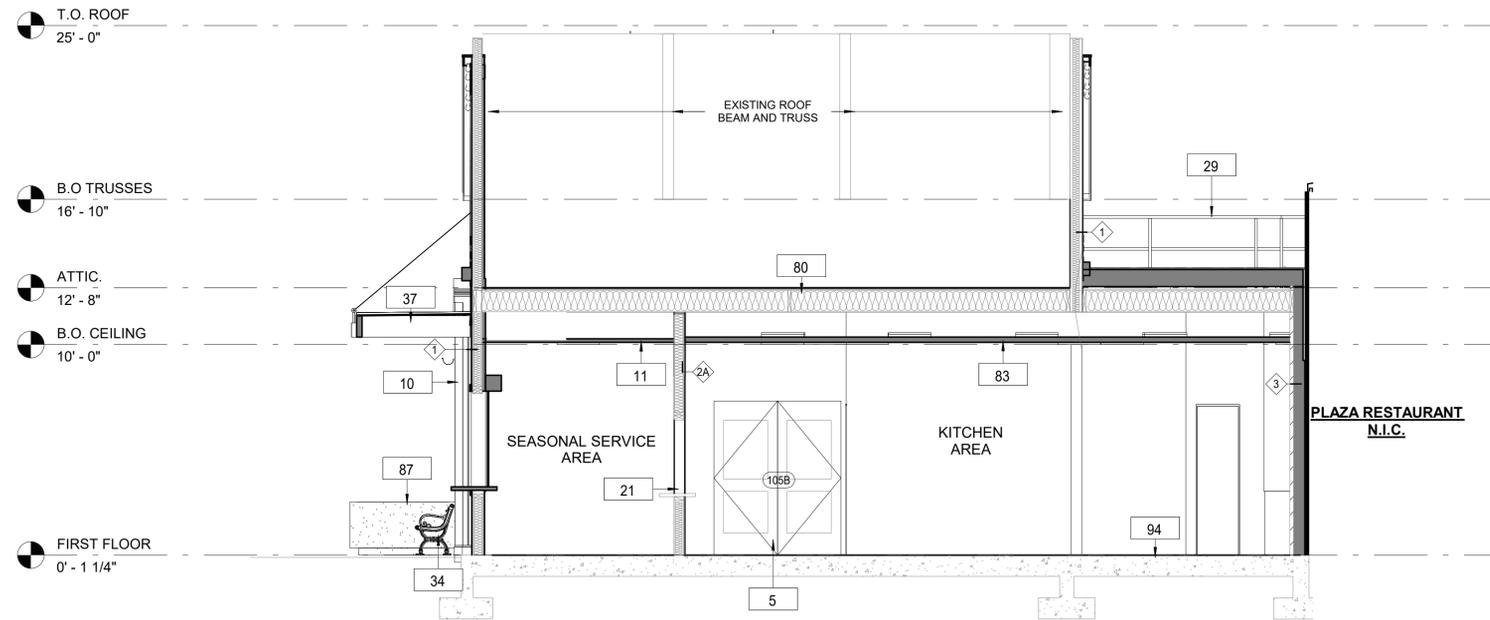
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

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

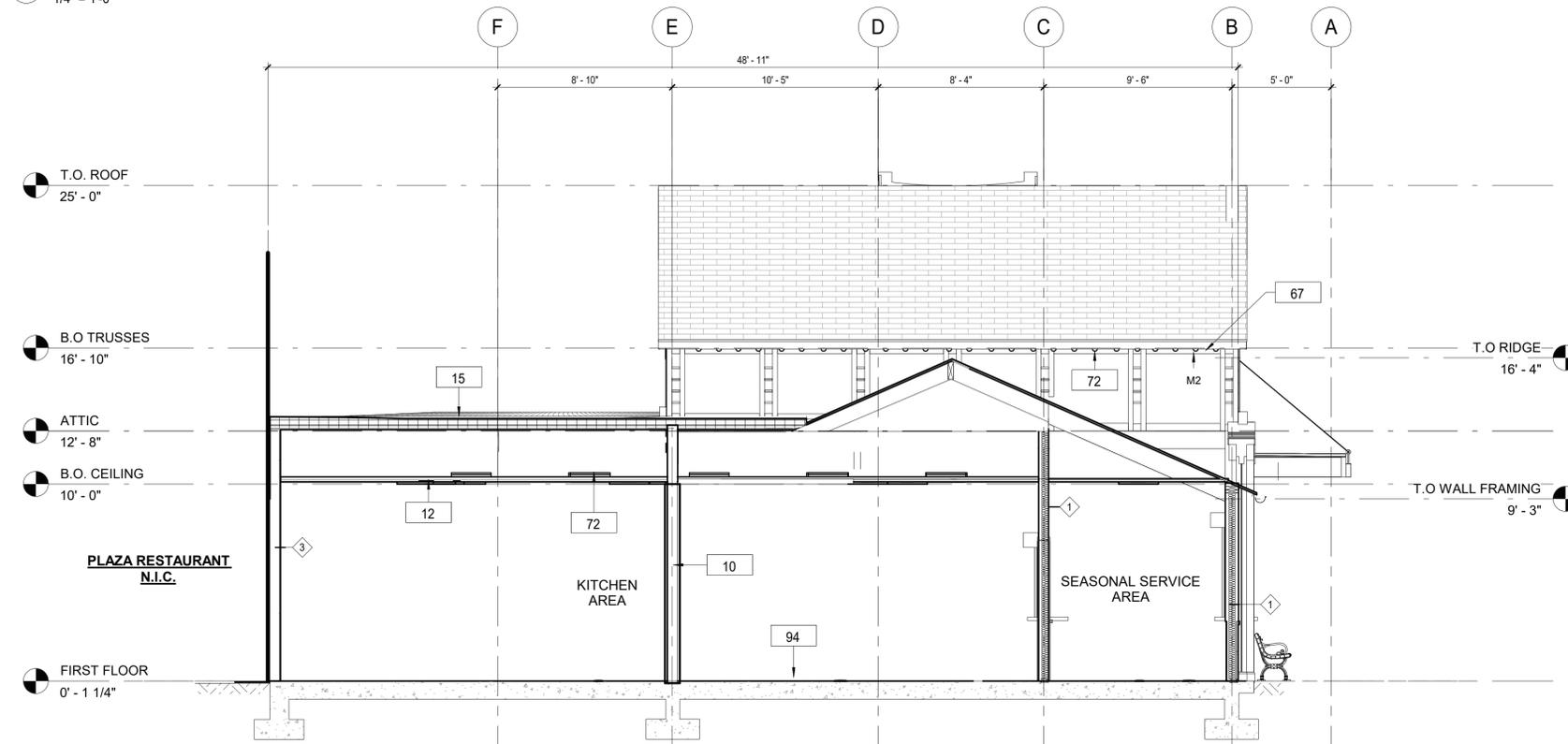
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
BUILDING SECTIONS**

CONTRACT NUMBER 22-523	SHEET NUMBER K-A-31
DWG NO.: 514 of 664	SCALE: 1/4" = 1'-0"
DATE: 8/23/20223	DPW FILE NUMBER: 1-118-A-1263-0
REV. NO. 0	



1 SECTION THROUGH SERVICE AND KITCHEN AREA
1/4" = 1'-0"



2 SECTION THROUGH EAST KITCHEN AREA
1/4" = 1'-0"

CONSTRUCTION GENERAL NOTES

1. THE ARCHITECT DOES NOT CERTIFY DIMENSIONS OR CONDITIONS OF EXISTING CONSTRUCTION. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY BETWEEN DRAWINGS AND EXISTING CONDITIONS. IN ADDITION, CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DEFECTIVE CONSTRUCTION UNCOVERED DURING CONSTRUCTION.
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4. WHERE EXISTING EQUIPMENT OR CONSTRUCTION IS REMOVED OR ALTERED, ALL REMAINING SURFACES AND FINISHES AFFECTED SHALL BE PATCHED AND FINISHED TO MATCH ADJACENT CONSTRUCTION/PRE- EXISTING CONDITION.
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CONSTRUCTION LEGEND

- NOT IN CONTRACT
- ? KEY NOTES
- 11 WINDOW TAG
- 101 DOOR TAG

KEYNOTE LEGEND CONST.

Key Value	Keynote Text
5	PROVIDE AND INSTALL DOOR INCLUDING FRAME, SILL, LINTEL AND ANY ASSOCIATE HARDWARE. SEE DOOR SCHEDULE.
10	PROVIDE AND INSTALL COLUMN ENCLOSURES. SEE DETAILS.
11	PROVIDE AND INSTALL T1-11 CEILING.
12	PROVIDE DROP CEILING AND ALL HANGERS/ ACCESSORIES.
15	PROVIDE AND INSTALL SBS MODIFIED BITUMEN ROOFING AND UNDERLAYMENT.
21	NEW INTERIOR WALL. SEE WALL SCHEDULE.
29	PROVIDE AND INSTALL NEW OSHA COMPLIANT GUARD RAIL.
34	PROVIDE NEW BENCH.
37	NEW CANOPY. SEE DETAILS.
67	NEW FASCIA BOARD AND SOFFIT.
72	NEW LIGHT FIXTURES TO BE INSTALLED (SEE ELECTRICAL DRAWINGS).
80	NEW 3/4" PLYWOOD FLOOR
83	FDA AND USDA COMPLIANT SQUARE LAY IN CEILING TILES.
87	NEW PRECAST CONCRETE PLANTER BOX.
94	NEW QUARRY TILE. SUPPRESS CONCRETE SLAB AS SHOWN IN 91K-A-81. SLOPE TOWARDS DRAIN.

8/30/2022 2:51:52 PM

CONSULTANT INFORMATION

The LiRo Group

1 State Street Plaza, New York, NY, 10004
(516) 938-5476 www.liro.com



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

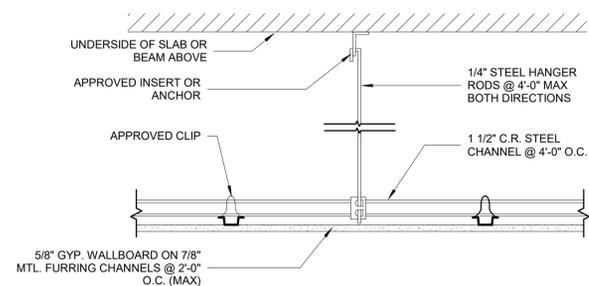
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

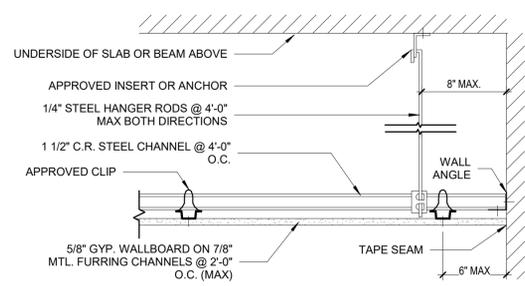
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
BUILDING SECTIONS 2**

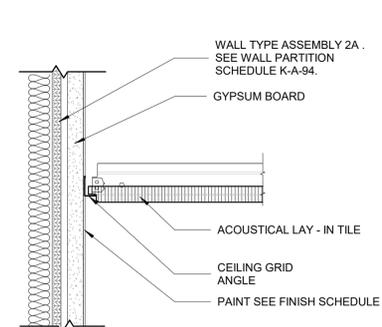
CONTRACT NUMBER	22-523	SHEET NUMBER	K-A-32
DWG NO.:	515 of 664	SCALE:	1/4" = 1'-0"
DATE:	8/23/2022	DPW FILE NUMBER	1-118-A-1264-0
REV. NO.	0		



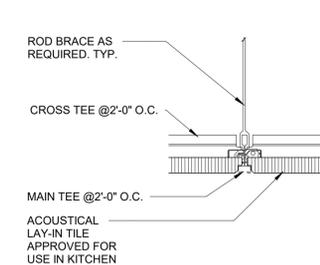
1 TYP. GYPSUM BD CEILING DETAIL
1 1/2" = 1'-0"



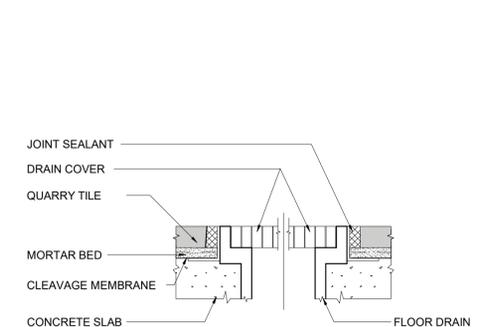
2 TYP. GYPSUM BD MAIN RUNNER AT PERIMETER DETAIL
1 1/2" = 1'-0"



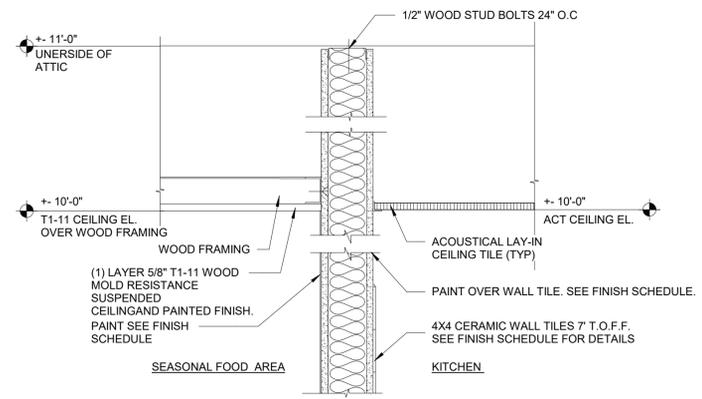
3 ACOUSTICAL CEILING DETAIL
3" = 1'-0"



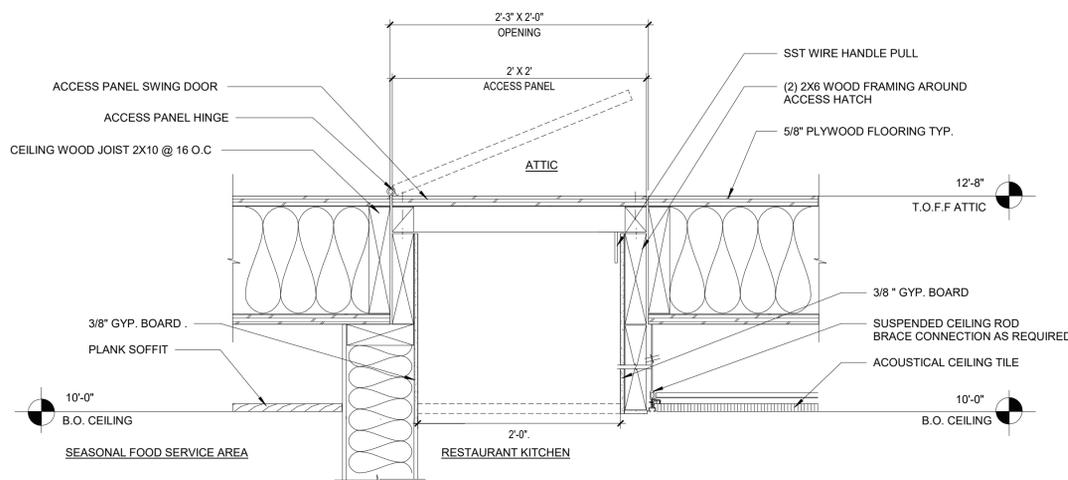
4 ACOUSTICAL TILE CONNECTION DETAIL
3" = 1'-0"



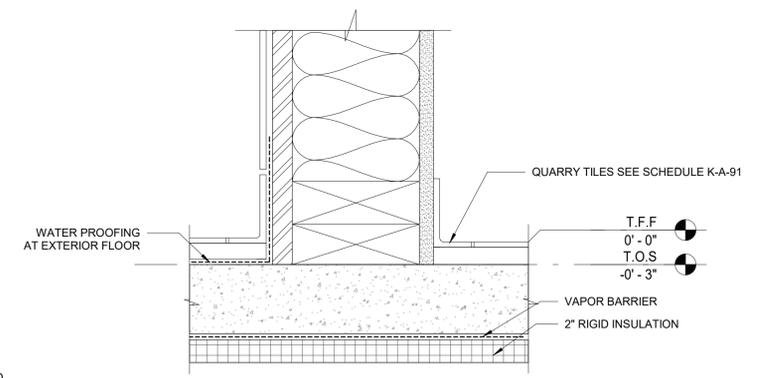
12 TILE FLOORING - CHANNEL DRAIN DETAIL
6" = 1'-0"



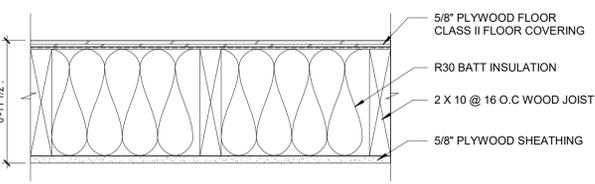
5 CEILING SECTION DETAIL THROUGH SEASONAL FOOD AREA AND KITCHEN
1 1/2" = 1'-0"



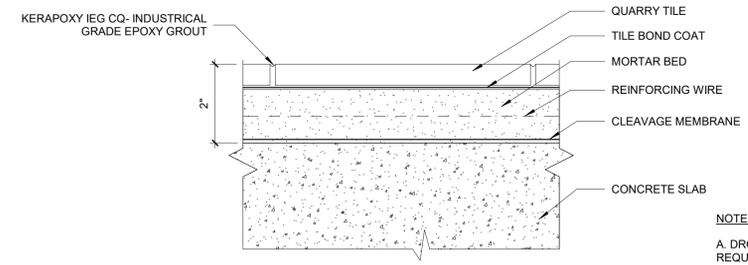
6 ATTIC ACCESS PANEL
1 1/2" = 1'-0"



9 TYPICAL QUARRY TILE ON CONCRETE DETAIL
3" = 1'-0"

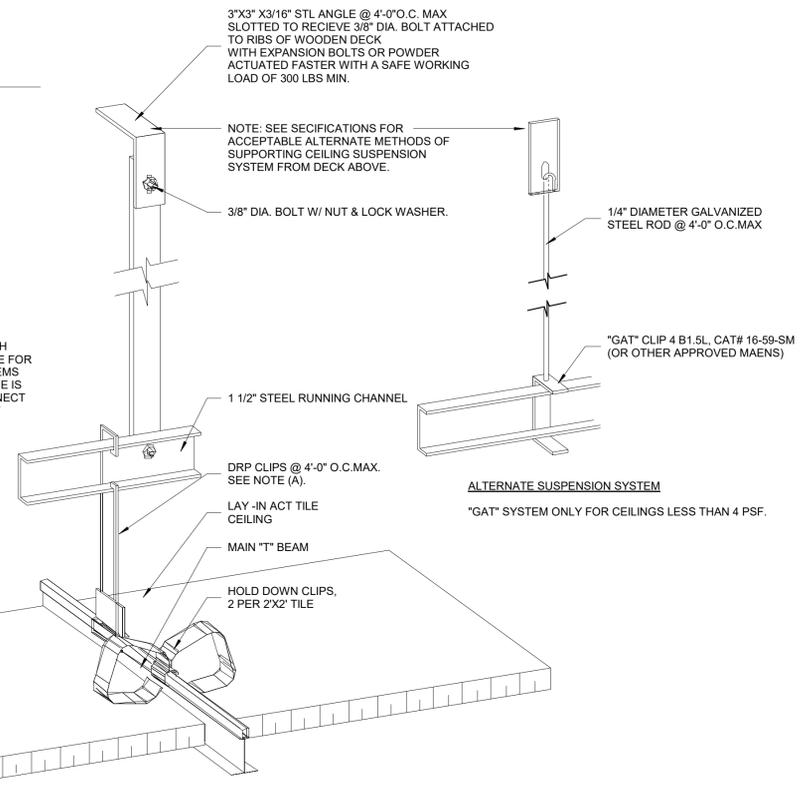


7 TYPICAL WOOD FLOOR DETAIL - WD-3
1 1/2" = 1'-0"

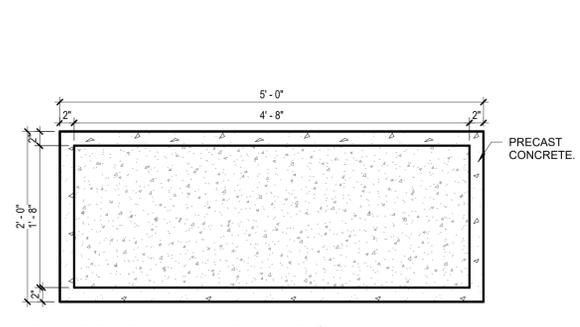


11 TILE FLOOR TYPICAL DETAIL AT INTERIOR FLOOR
6" = 1'-0"

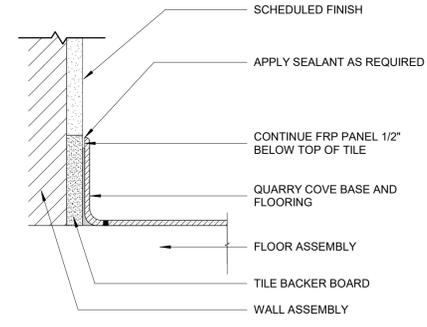
NOTES:
A DROP CLIPS SHALL BE OF LENGTH REQUIRED TO PROVIDE CLEARANCE FOR LIGHTING FIXTURES AND OTHER ITEMS ABOVE CEILING. WHERE CLEARANCE IS LIMITED PROVIDE CLIPS THAT CONNECT RUNNER TIGHT TO THE BOTTOM OF CARRYING CHANNELS.



8 TYPICAL ACT CEILING DETAIL
3" = 1'-0"



10 PLANTER PLAN AND ELEVATION
1" = 1'-0"



13 QUARRY TILE BASE DETAIL
3" = 1'-0"

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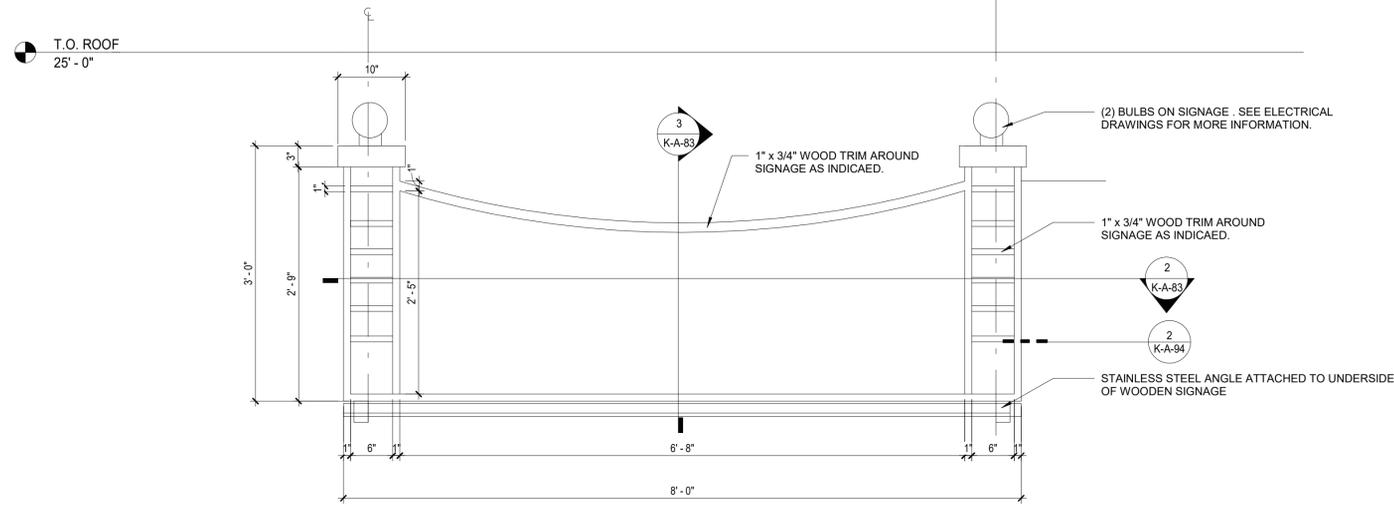
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION
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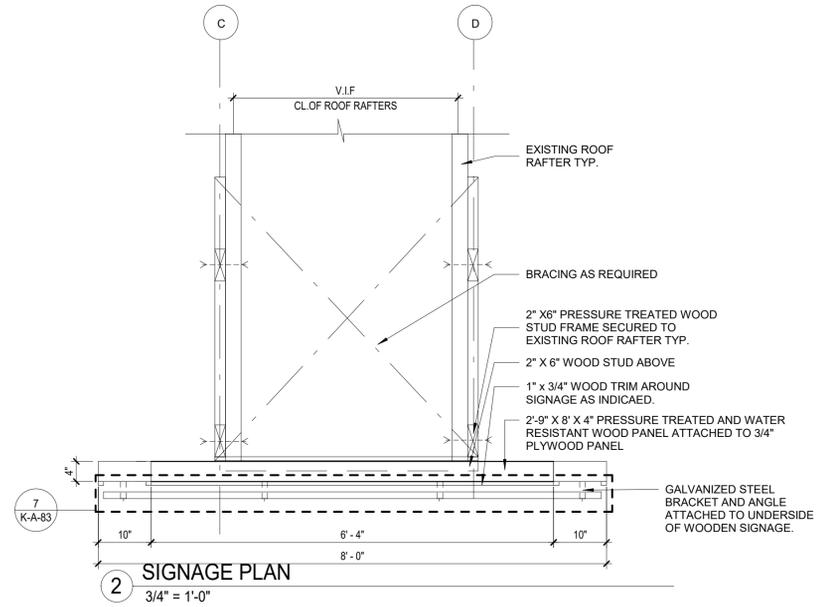
CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
**INFRASTRUCTURE REHABILITATION
 PLAYLAND PARK, RYE, NEW YORK
 RESTAURANT KITCHEN WITH FOOD VENDING
 CEILING, FLOOR, AND PLANTER DETAILS**

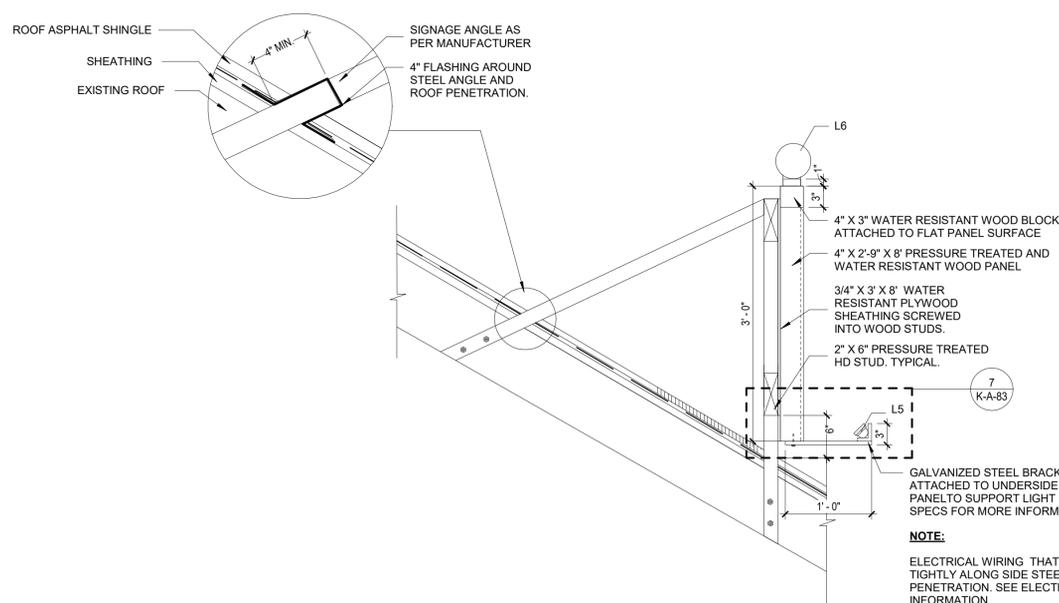
CONTRACT NUMBER 22-523	SHEET NUMBER K-A-81
DWG NO.: 516 of 664	SCALE: As indicated
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-A-1265-0	



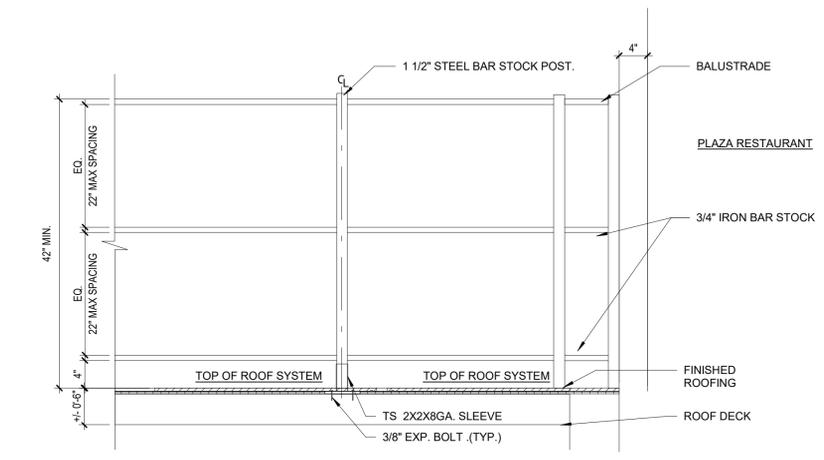
1 ROOF SIGNAGE ELEVATION
1" = 1'-0"



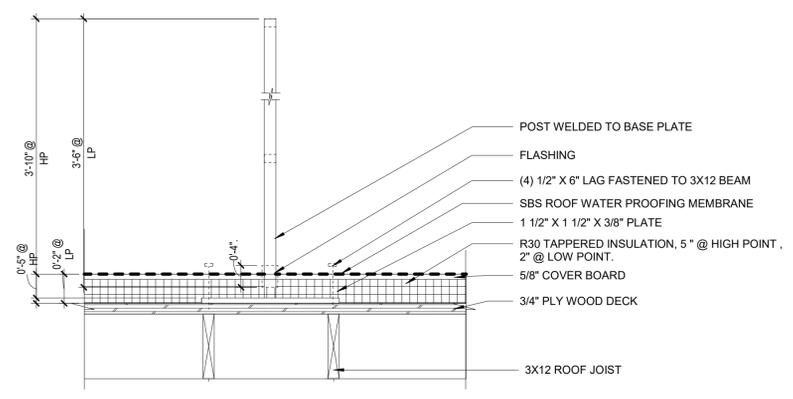
2 SIGNAGE PLAN
3/4" = 1'-0"



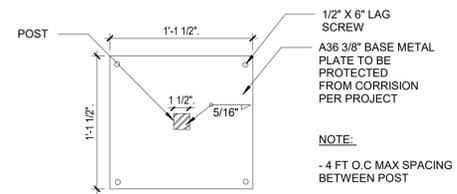
3 ROOF SIGNAGE SECTION DETAIL
1" = 1'-0"



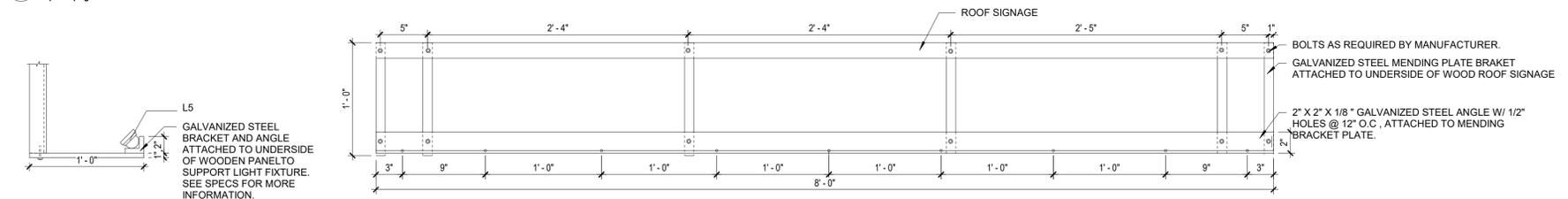
4 ROOF EDGE RAILING ELEVATION
1" = 1'-0"



5 RAILING POST SECTION DETAIL
1 1/2" = 1'-0"



6 RAILING PLATE PLAN DETAIL
1 1/2" = 1'-0"



7 GALVANIZED STEEL BRACKET AND ANGLE DETAILS
1 1/2" = 1'-0"

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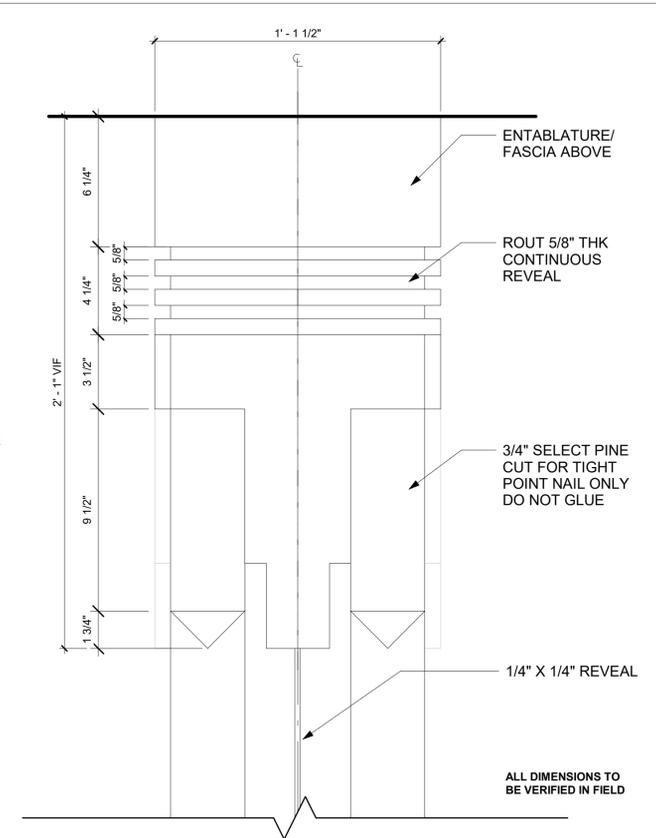
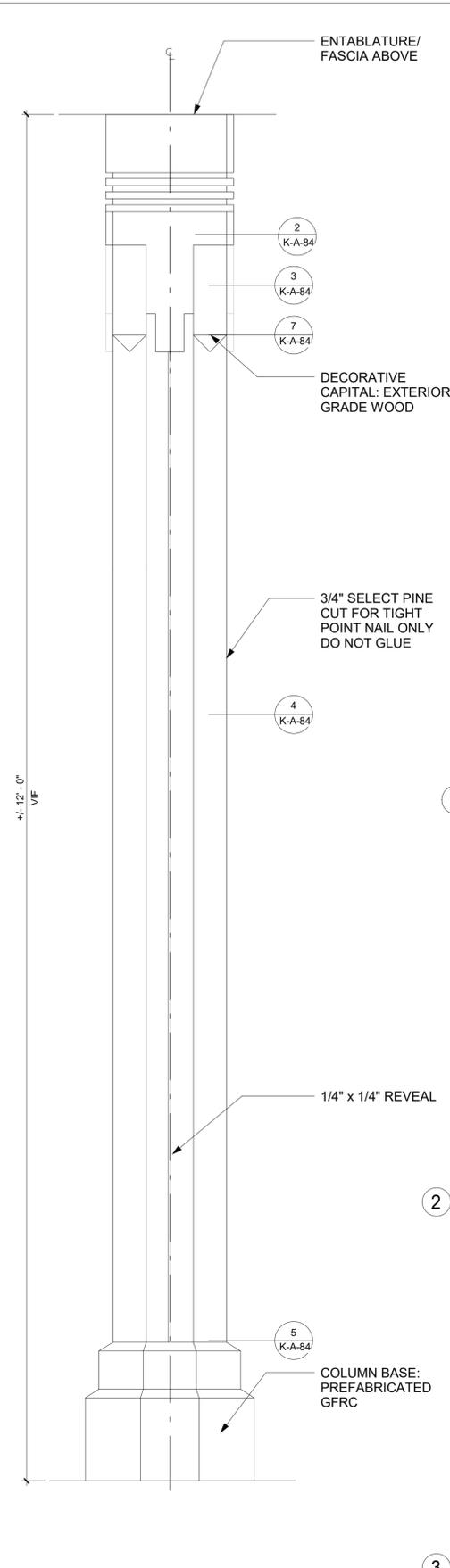
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

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

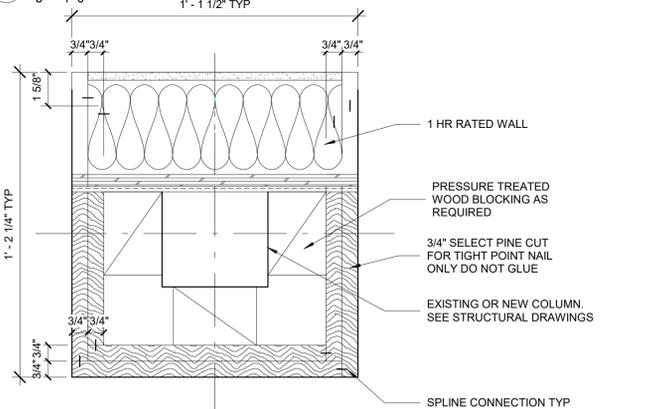
WESTCHESTER COUNTY, NEW YORK
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DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
ROOF SIGNAGE DETAILS**

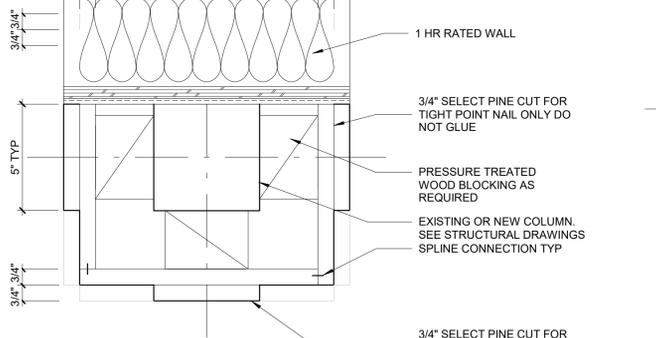
CONTRACT NUMBER 22-523	SHEET NUMBER K-A-83
DWG NO.: 518 of 664	SCALE: As indicated
DATE: 8/23/2023	REV. NO. 0
DPW FILE NUMBER 1-118-A-1267-0	



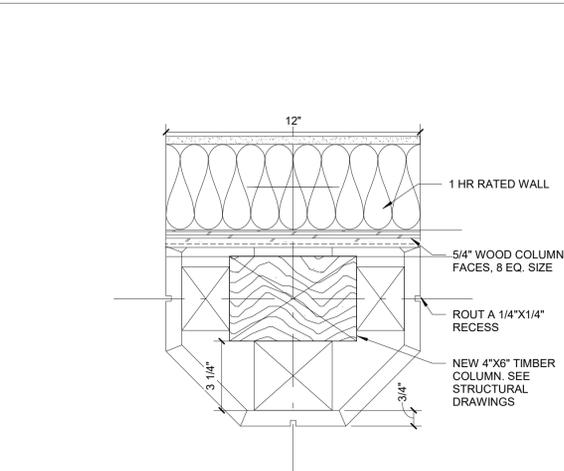
1 COLUMN CAPITAL DETAIL TYPE C
3" = 1'-0"



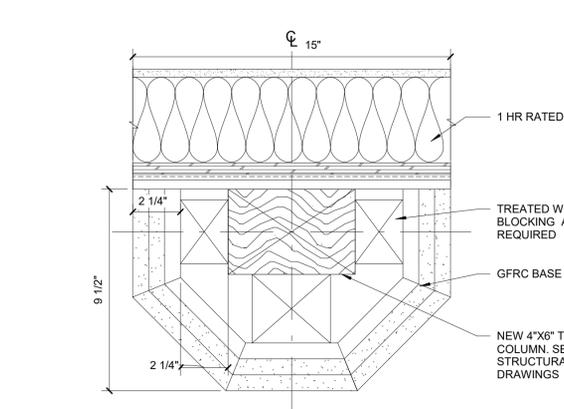
2 COLUMN C CAPITAL 3
3" = 1'-0"



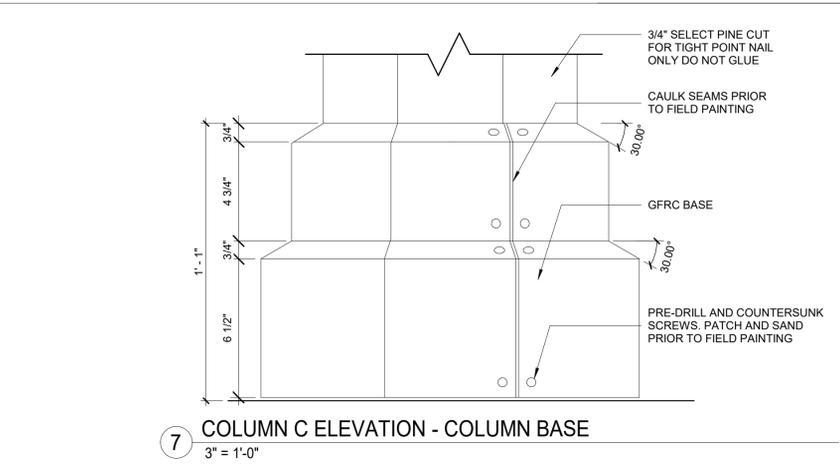
3 COLUMN CAPITAL 2
3" = 1'-0"



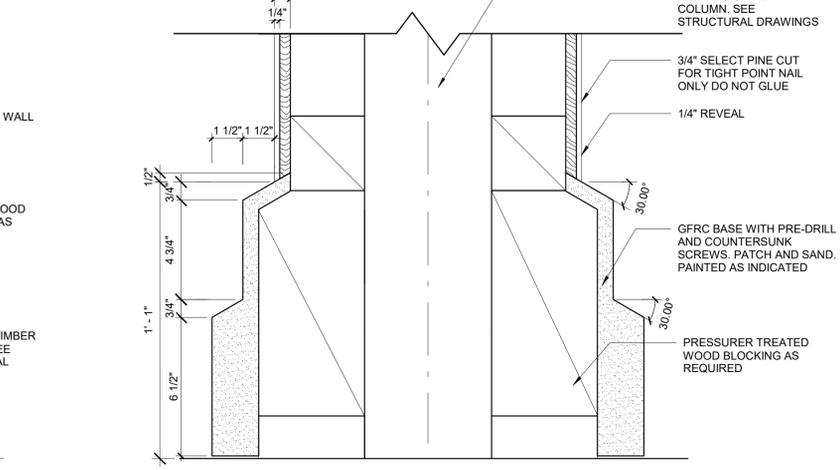
4 TYPE 1 - COLUMN DETAIL AT SHAFT
3" = 1'-0"



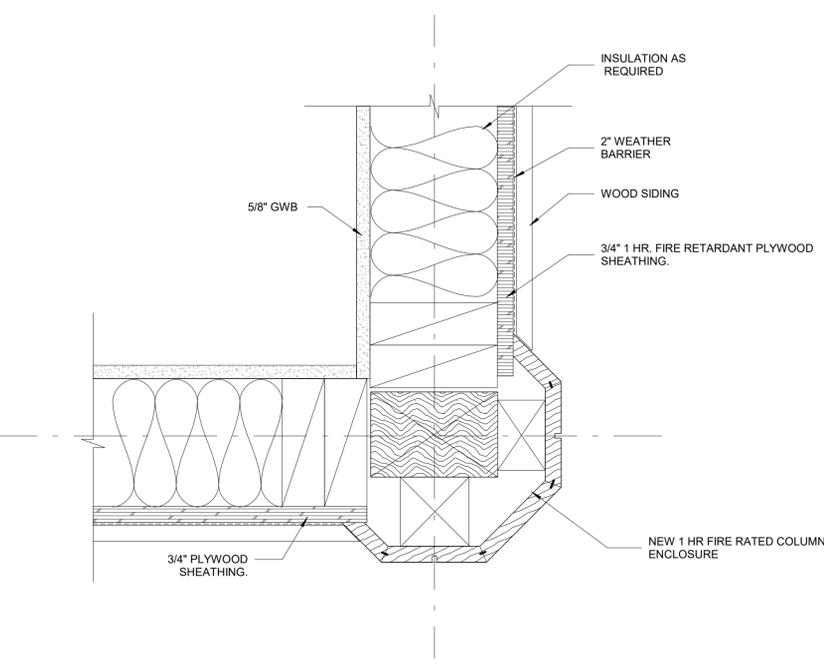
5 TYPE 1 - COLUMN DETAIL AT BASE
3" = 1'-0"



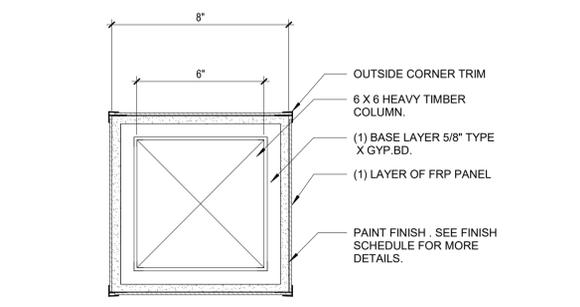
7 COLUMN C ELEVATION - COLUMN BASE
3" = 1'-0"



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



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

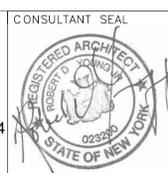


9 INTERIOR COLUMN ENCLOSURE DETAIL
3" = 1'-0"

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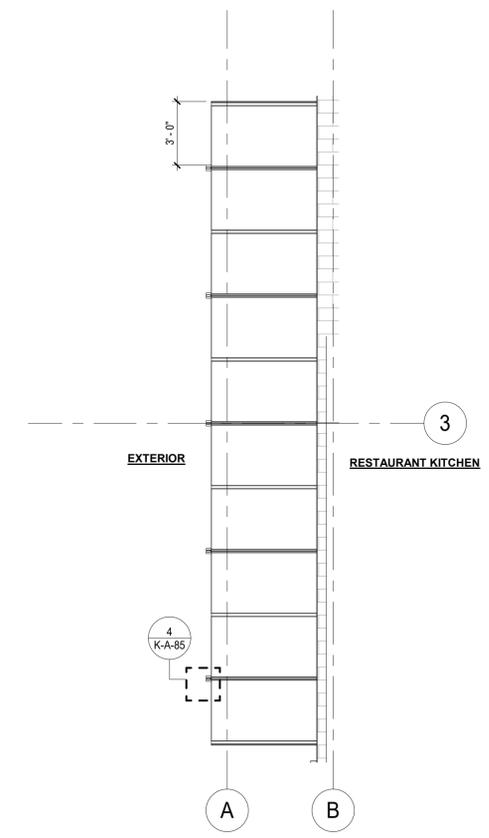
RECORD DRAWING CERTIFICATION
 AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

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

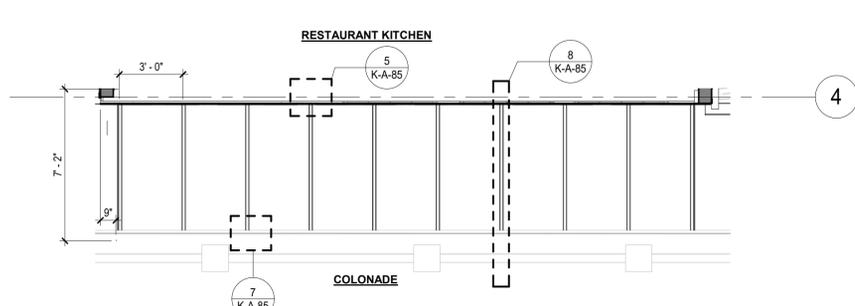
WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
**INFRASTRUCTURE REHABILITATION
 PLAYLAND PARK, RYE, NEW YORK
 RESTAURANT KITCHEN WITH FOOD VENDING
 COLUMN DETAILS**

CONTRACT NUMBER 22-523	SHEET NUMBER K-A-84
DWG NO.: 519 of 664	SCALE: As indicated
DATE: 8/23/2023	REV. NO. 0
DPW FILE NUMBER 1-118-A-1268-0	

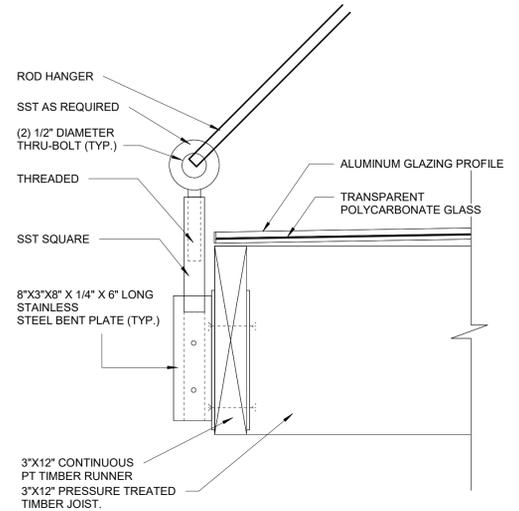
POLYCARBONATE GLAZING SYSTEM
 POLYCARBONATE PANELS:
 5/32" (4MM) THICK
 23.625" (600MM) PANEL WIDTH
 TRANSPARENT (LIGHT BLUE TINT)
 70% LIGHT TRANSMISSION
 EXTRUDED ALUMINUM MULLION SYSTEM
 BASIS OF DESIGN: PALRAM SUNGLAZE™ 4/600 SYSTEM



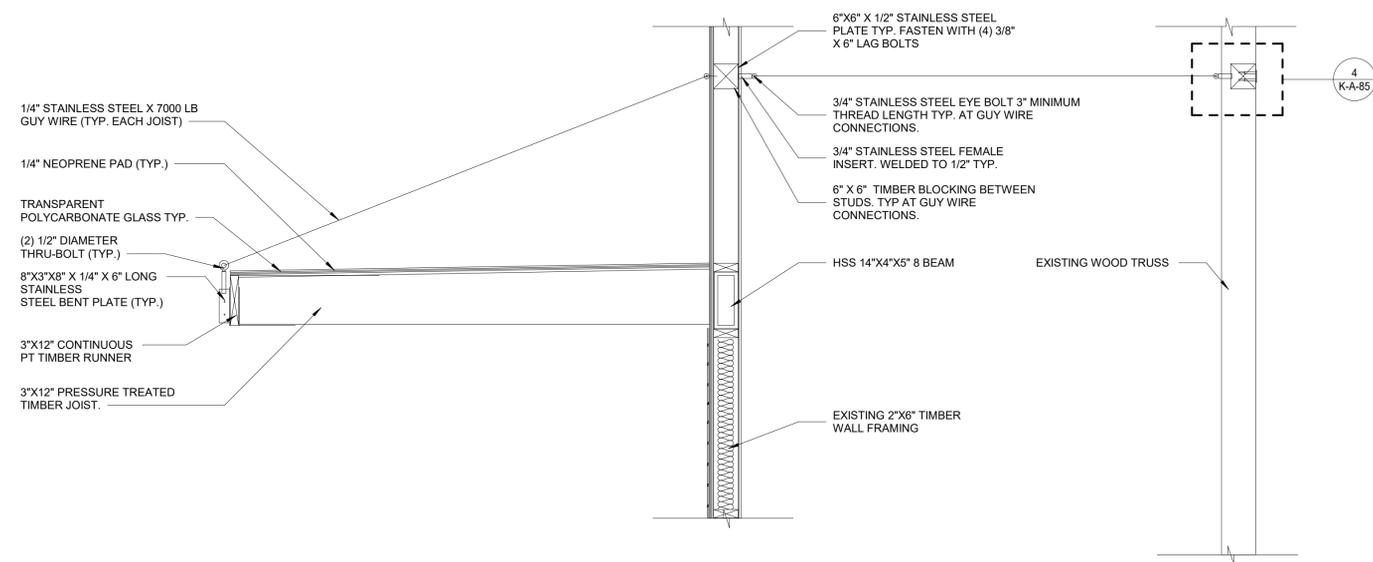
1 OVER HUNG CANOPY PARTIAL PLAN
 1/4" = 1'-0"



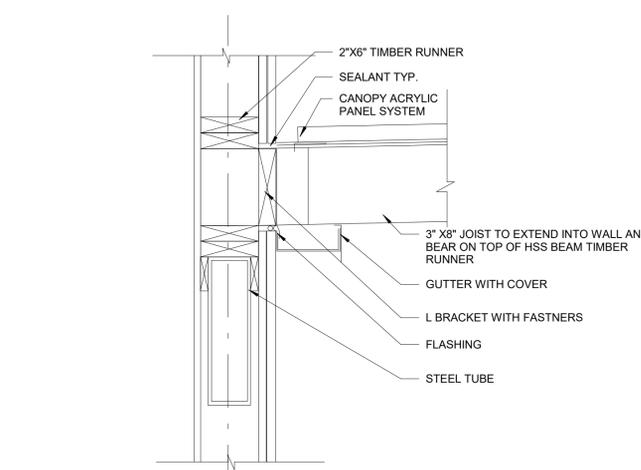
2 CANOPY AT COLONADE PARTIAL PLAN
 1/4" = 1'-0"



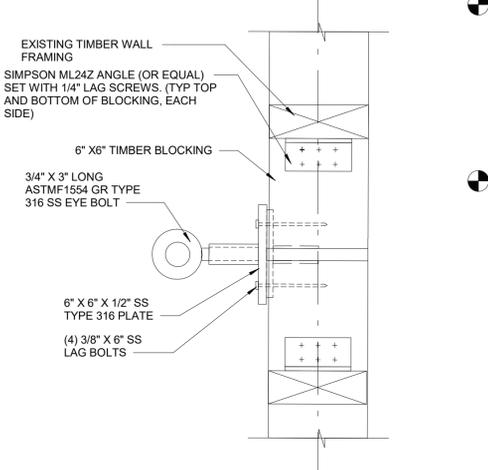
4 GUY WIRE EYE BOLT CONNECTION AT TIMBER RUNNER
 3/8" = 1'-0"



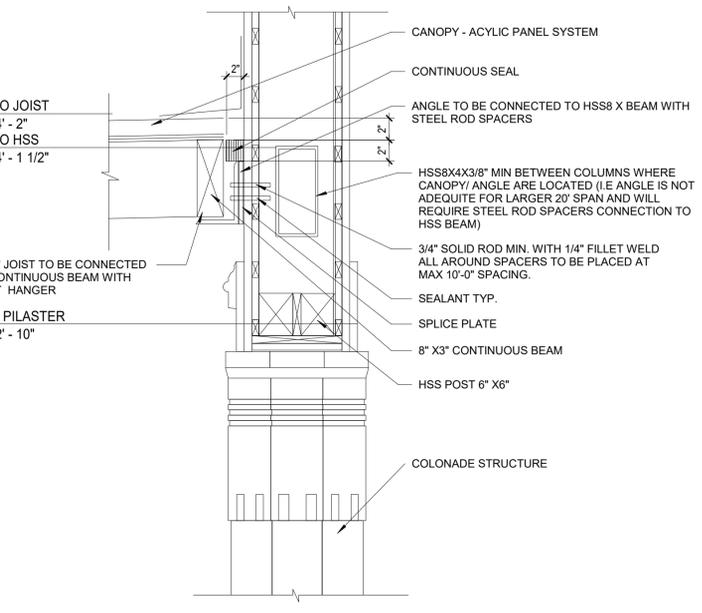
3 CANOPY SECTION
 3/8" = 1'-0"



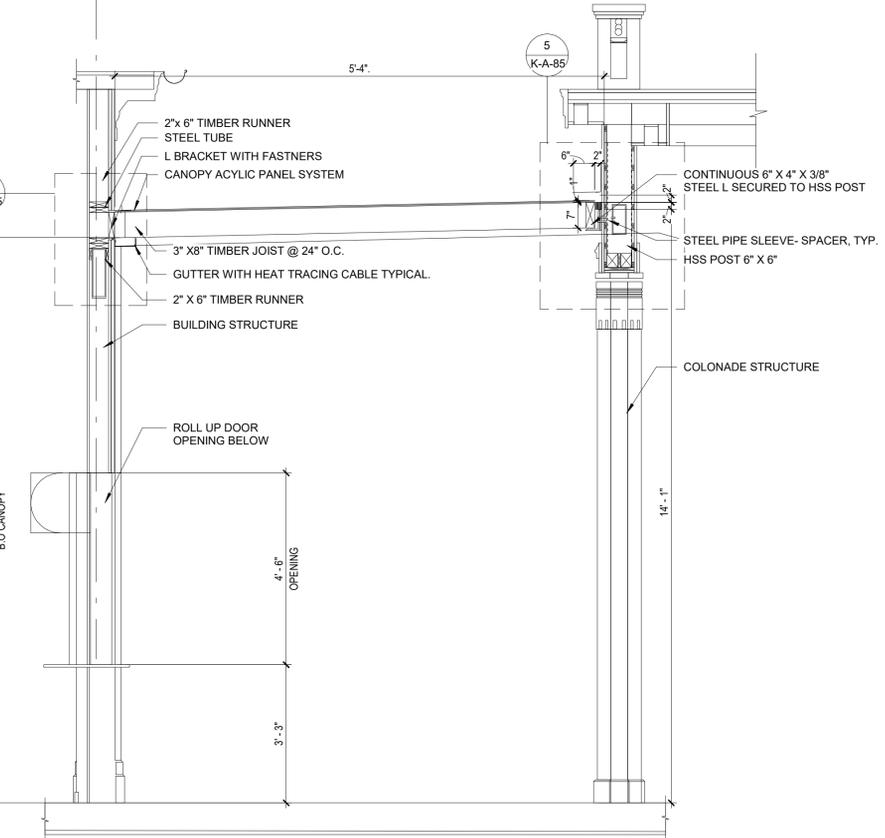
5 BUILDING TO CANOPY CONNECTION DETAIL
 1 1/2" = 1'-0"



6 GUY WIRE CONNECTION AT TIMBER WALL
 3/8" = 1'-0"



7 CANOPY TO COLONADE CONNECTION DETAIL
 1 1/2" = 1'-0"



8 CANOPY TO COLONADE SECTION
 1/2" = 1'-0"

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 PROJECT O'CONNOR
 STATE OF NEW YORK
 023290

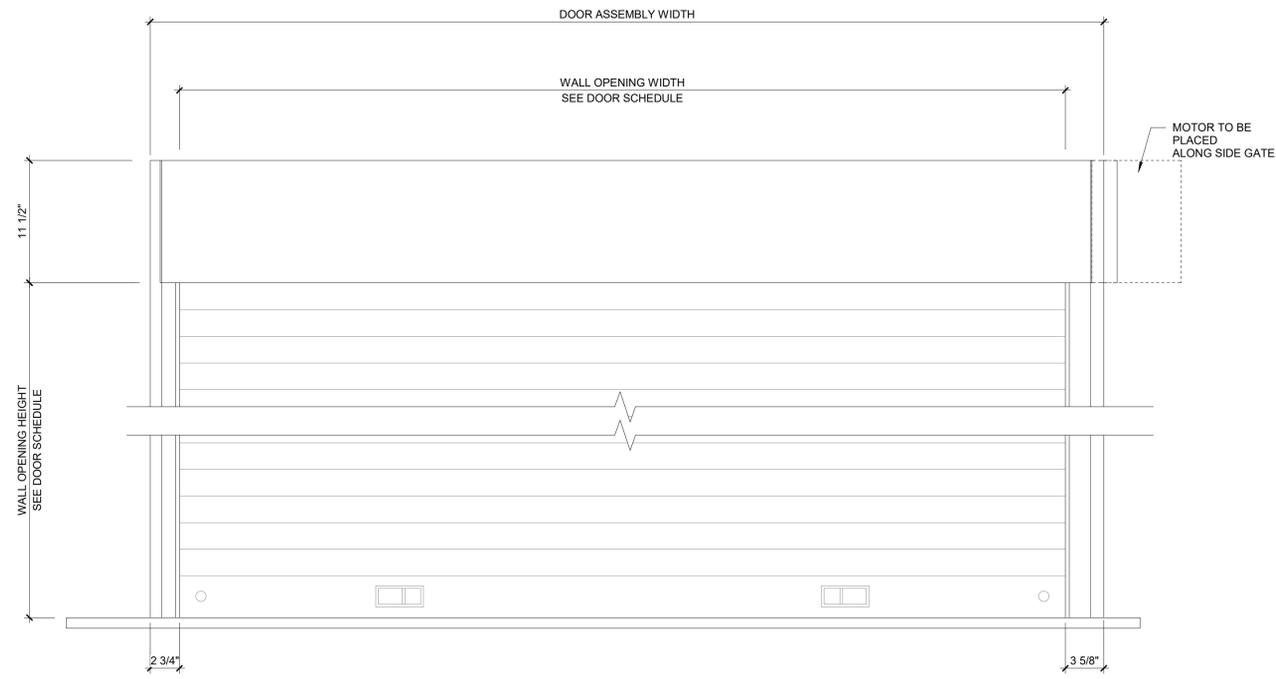
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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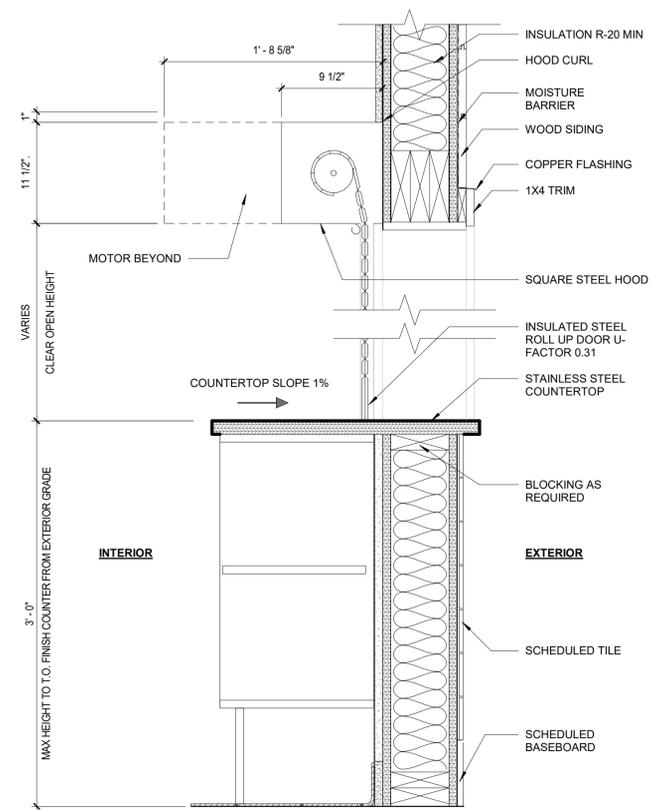
CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
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**INFRASTRUCTURE REHABILITATION
 PLAYLAND PARK, RYE, NEW YORK
 RESTAURANT KITCHEN WITH FOOD VENDING
 CANOPY DETAILS**

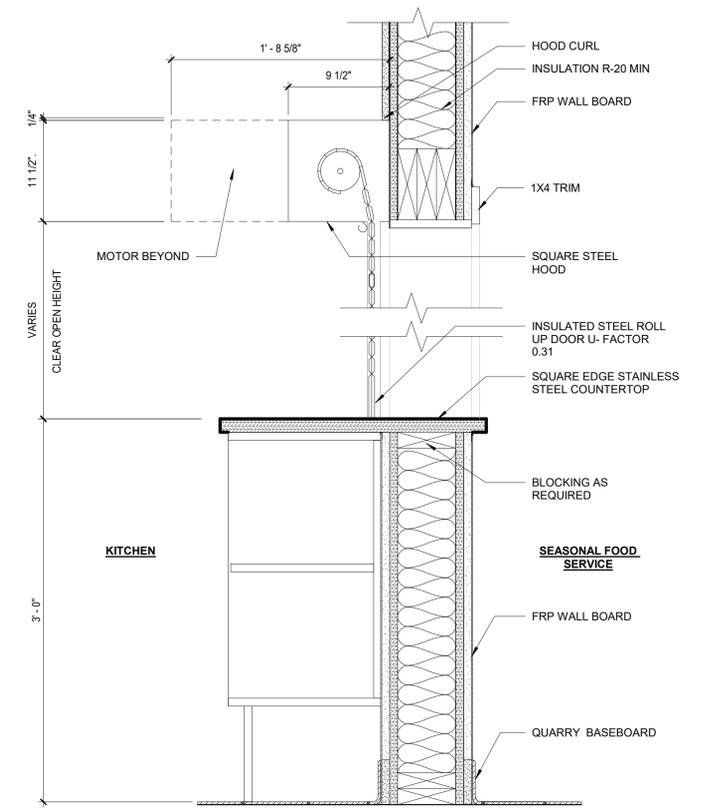
CONTRACT NUMBER 22-523	SHEET NUMBER K-A-85
DWG NO.: 520 of 664	SCALE: As indicated
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-A-1269-0	



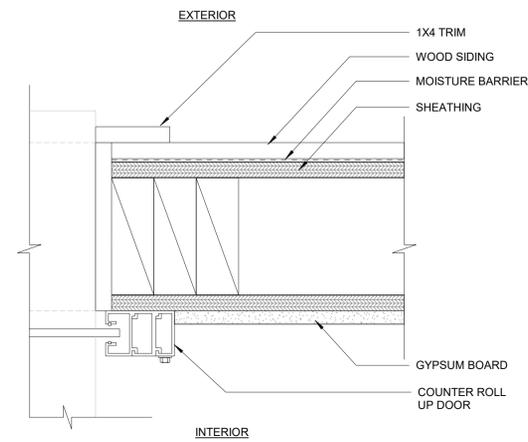
1 COUNTER ROLL UP ELEVATION
1 1/2" = 1'-0"



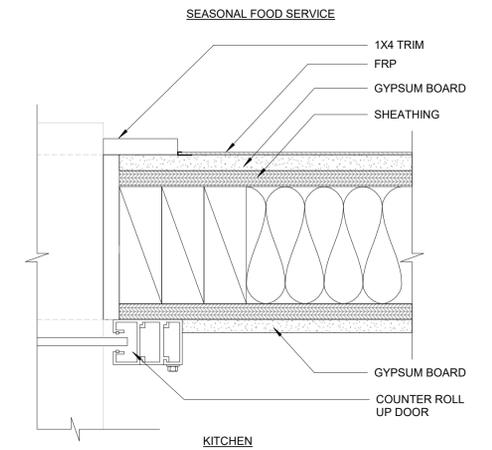
2 COUNTER ROLL UP DOOR SECTION
1 1/2" = 1'-0"



5 COUNTER ROLL UP DOOR SECTION B
1 1/2" = 1'-0"



6 ROLL UP JAMB DETAIL
3" = 1'-0"

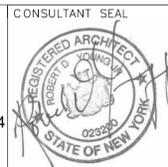


7 ROLL UP JAMB DETAIL B
3" = 1'-0"

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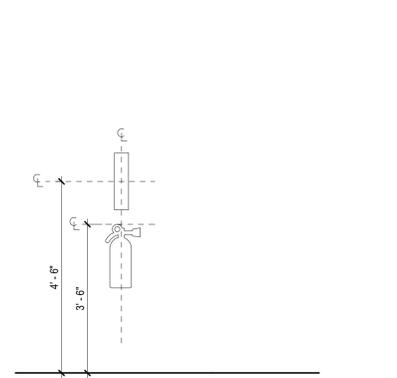
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	

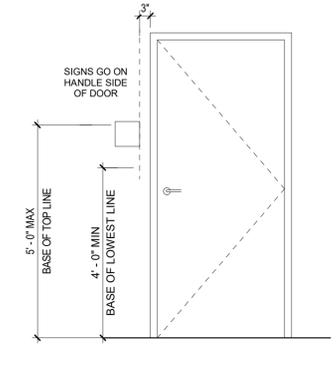
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DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
COUNTER ROLL UP DOOR DETAILS**

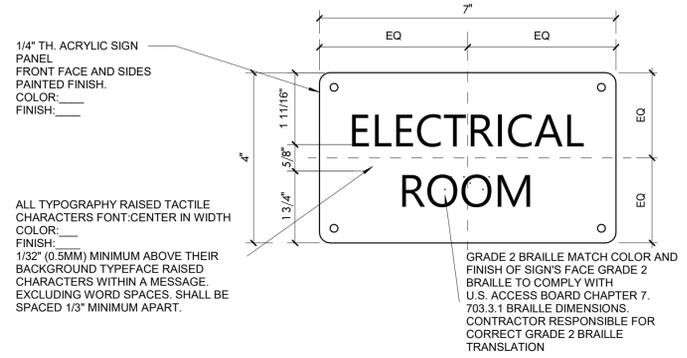
CONTRACT NUMBER	SHEET NUMBER
22-523	K-A-86
DWG NO.:	521 of 664
SCALE:	As indicated
DATE:	8/23/20223
DPW FILE NUMBER	1-118-A-1270-0
REV. NO.	0



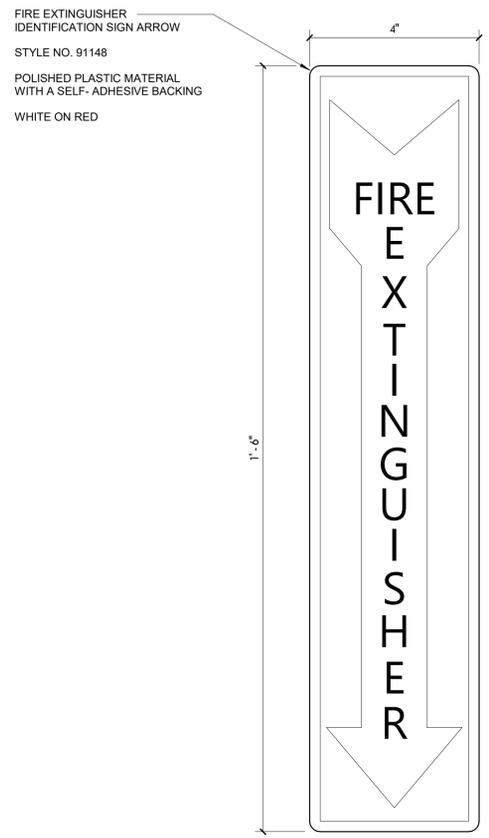
1 FIRE EXTINGUISHER SIGN LOCATION
1/2" = 1'-0"



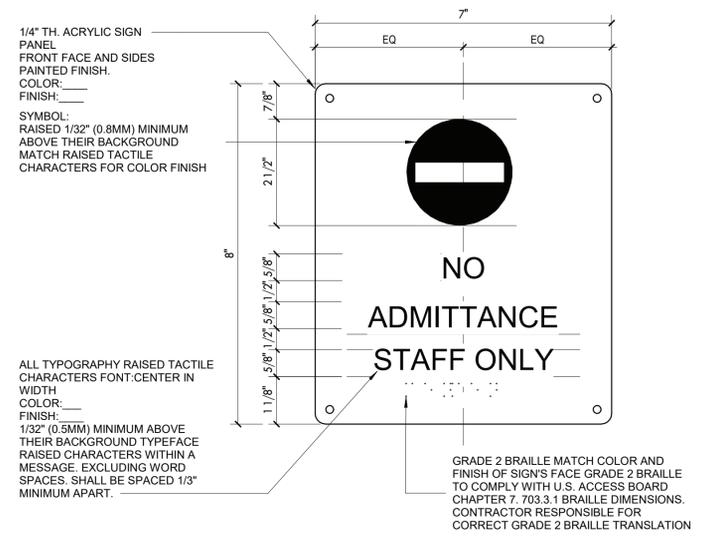
2 SIGN LOCATION ELEVATION TYPICAL DOOR CONDITION
1/2" = 1'-0"



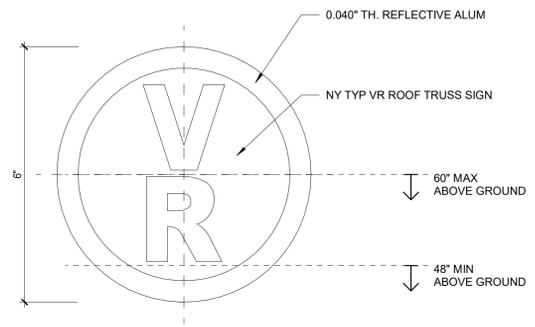
3 TYPE A-1 ELECTRICAL CLOSET SIGN
6" = 1'-0"



4 TYPE X-1 FIRE EXTINGUISHER SIGN
6" = 1'-0"



5 TYPE X-2 STAFF ONLY (RESTRICTED AREA) SIGN
6" = 1'-0"



7 TYPICAL TYPE-X 4 TRUSS SIGNAGE CLASS VR
6" = 1'-0"

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CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

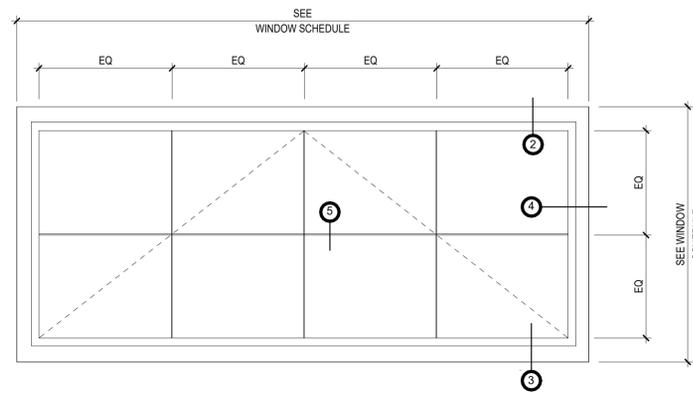
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
SIGNAGE DETAILS**

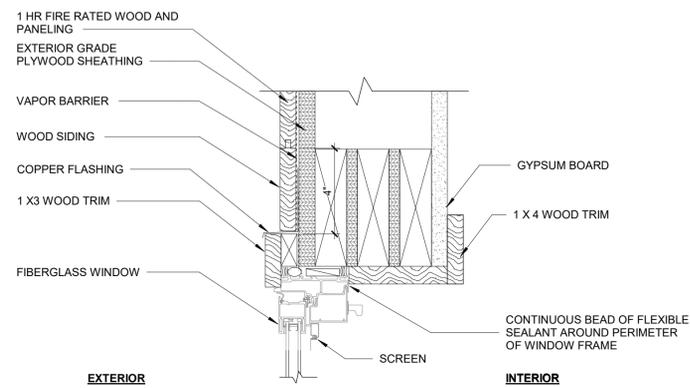
CONTRACT NUMBER 22-523	SHEET NUMBER K-A-87
DWG NO.: 522 of 664	
SCALE: As indicated	
DATE: 8/23/2023	
DPW FILE NUMBER 1-118-A-1271-0	REV. NO. 0

WINDOW SCHEDULE													
Mark	WINDOW TYPE	BUILDING	LEVEL	WIDTH	ROUGH WIDTH	HEIGHT	ROUGH HEIGHT	SILL HEIGHT	WINDOW MATERIAL	Finish	EXTERIOR TRIM	INTERIOR TRIM	REMARKS
005	W-1	RESTAURANT KITCHEN	FIRST FLOOR	4' - 6"	4' - 6 3/4"	2' - 0"	2' - 0 3/4"	6' - 11"	ALUMINUM	Black Powder Coat	P-2	P-13	1" INSULATED GLASS UNIT
006	W-1	RESTAURANT KITCHEN	FIRST FLOOR	4' - 6"	4' - 6 3/4"	2' - 0"	2' - 0 3/4"	6' - 11"	ALUMINUM	Black Powder Coat	P-2	P-13	1" INSULATED GLASS UNIT
007	W-1	RESTAURANT KITCHEN	FIRST FLOOR	4' - 6"	4' - 6 3/4"	2' - 0"	2' - 0 3/4"	6' - 11"	ALUMINUM	Black Powder Coat	P-2	P-13	1" INSULATED GLASS UNIT
008	W-1	RESTAURANT KITCHEN	FIRST FLOOR	4' - 6"	4' - 6 3/4"	2' - 0"	2' - 0 3/4"	6' - 11"	ALUMINUM	Black Powder Coat	P-2	P-13	1" INSULATED GLASS UNIT

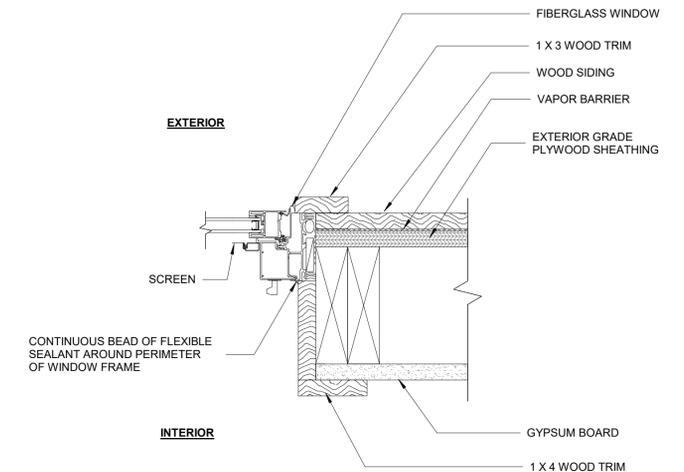
NOTES:
 - ALL COLOR TO BE APPROVED BY ARCHITECT
 - ALL DIMENSIONS TO BE VERIFIED IN FIELD PRIOR TO FABRICATION



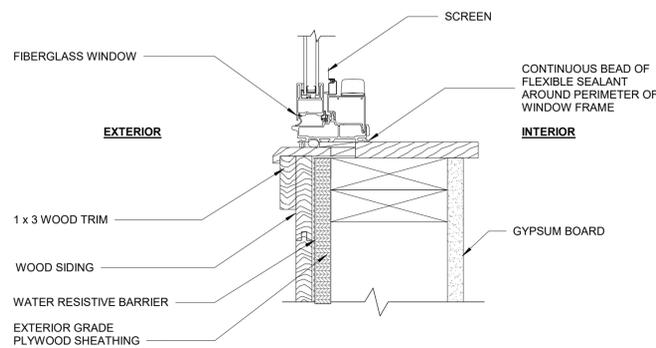
1 AWNING WINDOW ELEVATION W-1
 1 1/2" = 1'-0"



2 AWNING WINDOW HEAD DETAIL
 3" = 1'-0"



4 AWNING WINDOW JAMB DETAIL
 3" = 1'-0"



3 AWNING WINDOW SILL DETAIL
 3" = 1'-0"

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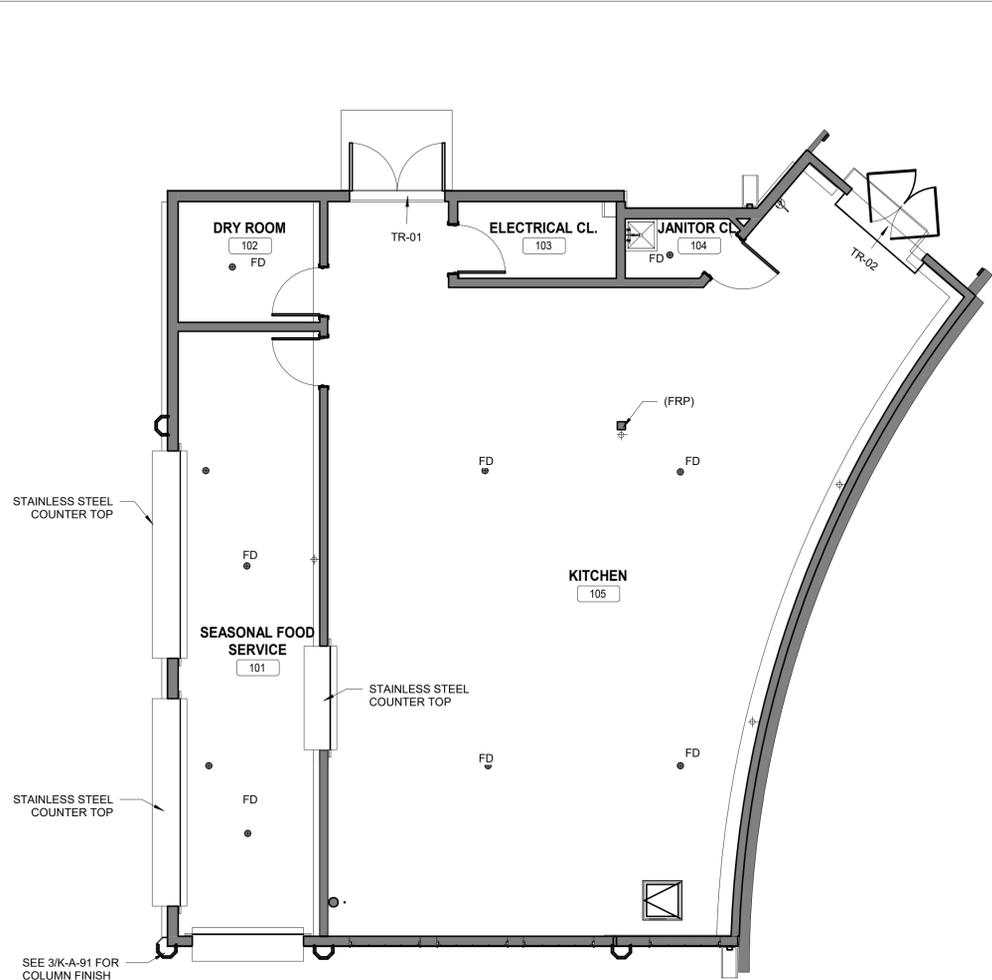
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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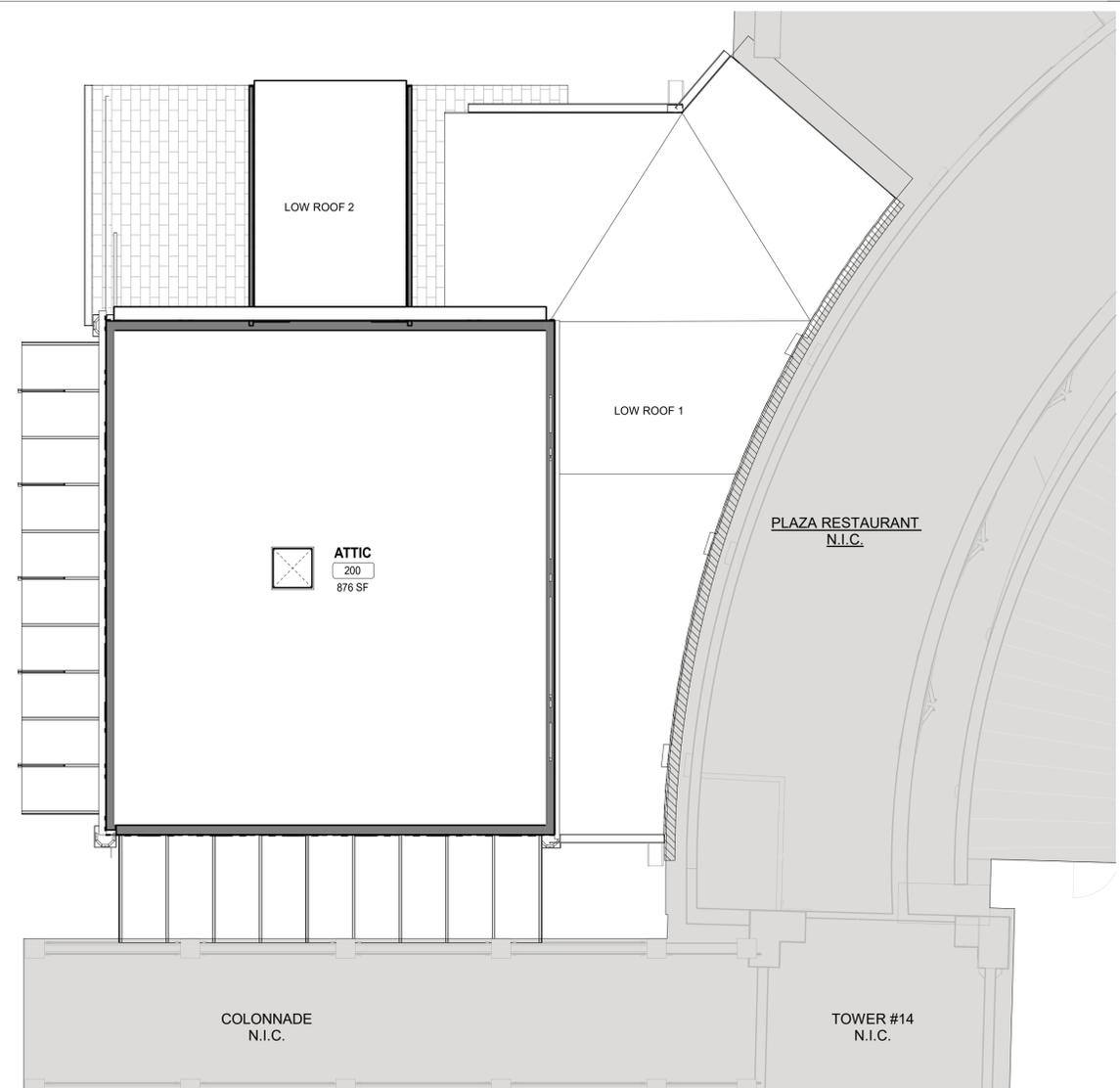
CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
**INFRASTRUCTURE REHABILITATION
 PLAYLAND PARK, RYE, NEW YORK
 RESTAURANT KITCHEN WITH FOOD VENDING
 WINDOW SCHEDULES & DETAILS**

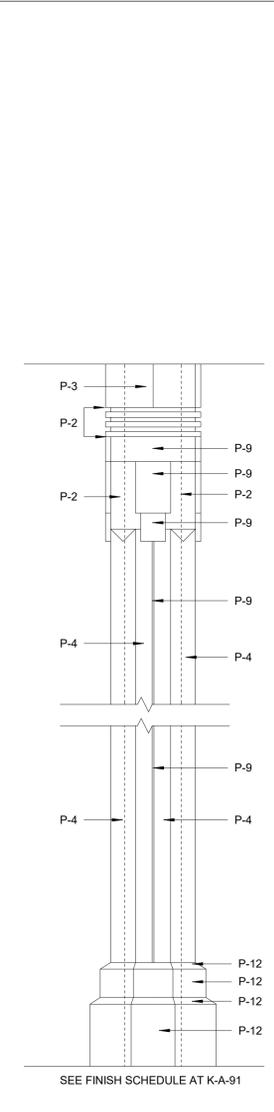
CONTRACT NUMBER 22-523	SHEET NUMBER K-A-88
DWG. NO.: 523 of 664	
SCALE: As indicated	
DATE: 8/23/2022	
DPW FILE NUMBER 1-118-A-1272-0	REV. NO. 0



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



2 ATTIC FINISH PLAN
3/16" = 1'-0"



3 COLUMN FINISH
1" = 1'-0"

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	

(FOR PAINT TYPE AND SYSTEMS, SEE SPECIFICATIONS)

FINISH SCHEDULE						
ROOM #	ROOM NAME	FLOORS	WALLS	CEILING	DOORS AND TRIM	WALL BASE
101	SEASONAL SERVICE AREA	QT-1	FRP	T1-11	SEE DOOR SCHEDULE (K-A-93)	WB-2
102	DRY ROOM	QT-1	FRP	GYP	SEE DOOR SCHEDULE (K-A-93)	WB-2
103	ELECTRICAL CLOSET	QT-1	GYP/P-13	GYP	SEE DOOR SCHEDULE (K-A-93)	WB-2
104	JANITORS CLOSET	QT-1	GYP/P-13/CT-4	GYP	SEE DOOR SCHEDULE (K-A-93)	WB-2
105	KITCHEN	QT-1	FRP	ACT	SEE DOOR SCHEDULE (K-A-93)	WB-2
201	ATTIC	WD-3	-	-	SEE DOOR SCHEDULE (K-A-93)	-

MATERIAL SCHEDULE						
KEY	MATERIAL	MANUFACTURER	FINISH COLOR	SIZE	REMARKS	
CT-1	CERAMIC TILE	DATILE; LINEAR COLOR WHEEL	AZURE -QH44	4" X 4"		
CT-2	CERAMIC TILE	DATILE; LINEAR COLOR WHEEL	ATLANTIS -QH43	4" X 4"		
CT-3	CERAMIC TILE	DATILE; LINEAR COLOR WHEEL	ALMOND -QH02	4" X 4"		
CT-4	CERAMIC TILE	DATILE; LINEAR COLOR WHEEL	ARCTIC WHITE -GLOSSY	6" X 18"	PROVIDE EDGE PROTECTION ON ALL OUTSIDE WALL CORNERS	
FRP	FIBERGLASS REINFORCED PANEL	-	WHITE	-		
QT-1	QUARRY TILE	DATILE; QUARRY TEXTURES	SAHARA SAND-0T08(2)	6"X8"X1/2"	COVE BASE TO MATCH ON WALL BASE (WB-2)	
WD-3	PLYWOOD PANEL	-	EXTERIOR GRADE	-		
ACT	ACOUSTICAL CEILING TILE	-	-	24"X24"X3/4"	FDA AND USDA COMPLIANT SQUARE LAY IN TILES.	
GYP	GYPSUM BOARD	-	-	5/8"		
T1-11	T1-11 PLYWOOD SIDING	-	PREMIUM GRADE SIDING	4"X8"X1/32"		
WB-2	QUARRY TILE COVE BASE	DATILE; QUARRY TEXTURES	SAHARA SAND-0T08(2)	6"X8"X1/2"		
TR-01	EXTERIOR DOOR SILL	-	-	-		
TR-02	QUARRY TO CONCRETE	-	-	-		
GR-01	GROUT	MAPEI; TRADITIONAL	27- SILVER	-		
R-01	PAINT	IVPPAINTS; RAL 7004	SIGNAL GREY	-		

FINISH LEGEND:

ITEMS NOT IN CONTRACT

QUARRY TILE FLOORING

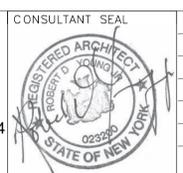
- FINISH PLAN NOTES:**
- INDICATES TYPICAL FINISHES WITHIN ROOM. U.O.N. SEE FINISH SCHEDULE FOR MORE INFORMATION.
 - ALL FLOORING COVERING MATERIALS TO BE INSTALLED PER MANUFACTURER'S STANDARD DETAILS AND SPECIFICATIONS. VERIFY WITH MANUFACTURER PRIOR TO INSTALLATION.
 - THE G.C. IS RESPONSIBLE FOR PROVIDING A SMOOTH LEVEL FLOOR SURFACE THAT MEETS MANUFACTURER'S INSTALLATION SPECIFICATIONS PRIOR TO THE INSTALLATION OF ALL FLOORING MATERIALS.
 - 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.
 - ALL MATERIAL TRANSITIONS AN DOOR THRESHOLDS TO TAKE PLACE AT DOOR CENTERLINE U.N.O.
 - 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.
 - 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.
 - ALL SURFACES WHICH ARE TO RECEIVE A PAINT FINISH SHALL BE PRIMED AND FINISHED IN ACCORDANCE WITH THE WRITTEN SPECIFICATIONS.
 - 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.
 - THE PAINT CONTRACTOR SHALL REMOVE ALL HARDWARE, SWITCH COVERS, ETC. PRIOR TO PAINTING AND BE RESPONSIBLE FOR THE REINSTALLATION AFTER PAINTING IS COMPLETED.
 - FINISH FLOORING INSTALLATION SHALL BE IN CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES. COORDINATE THE INSTALLATION WITH OTHER TRADES, SUCH AS ELECTRICAL.
 - ALL JOINTS BETWEEN MATERIALS TO BE TIGHT AND CONSTRUCTED IN A NEAT WORKMANLIKE MANNER.
 - 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.
 - 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.
 - CLEAN ALL GLASS SURFACES WITH LIQUID GLASS CLEANER AT PROJECT COMPLETION.
 - REFERENCE SPECIFICATIONS FOR COMPLETE FINISH DOCUMENTATION AND MANUFACTURER INSTALLATION AND MAINTENANCE DOCUMENTATION.

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CONSULTANT INFORMATION

The LiRo Group

1 State Street Plaza, New York, NY, 10004
(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: _____

SIGNATURE: _____ SIGNATURE: _____

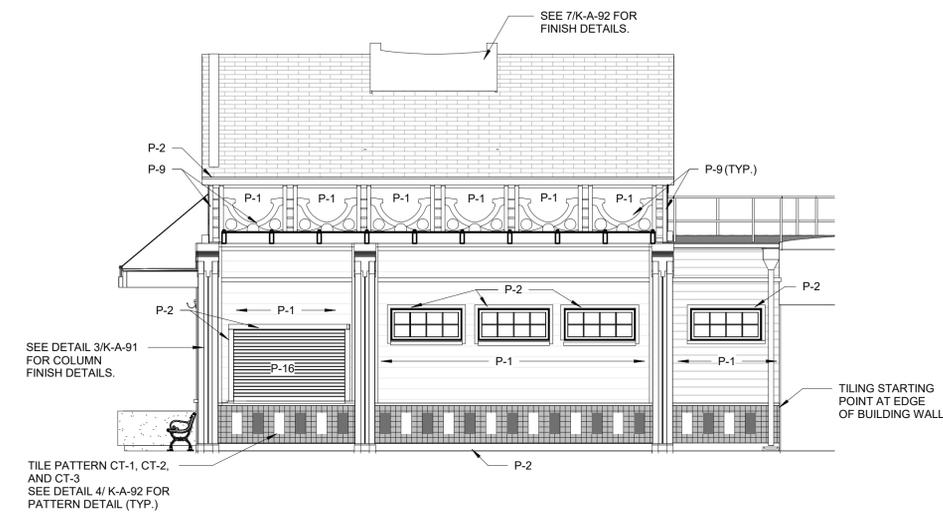
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DATE: _____ DATE: _____

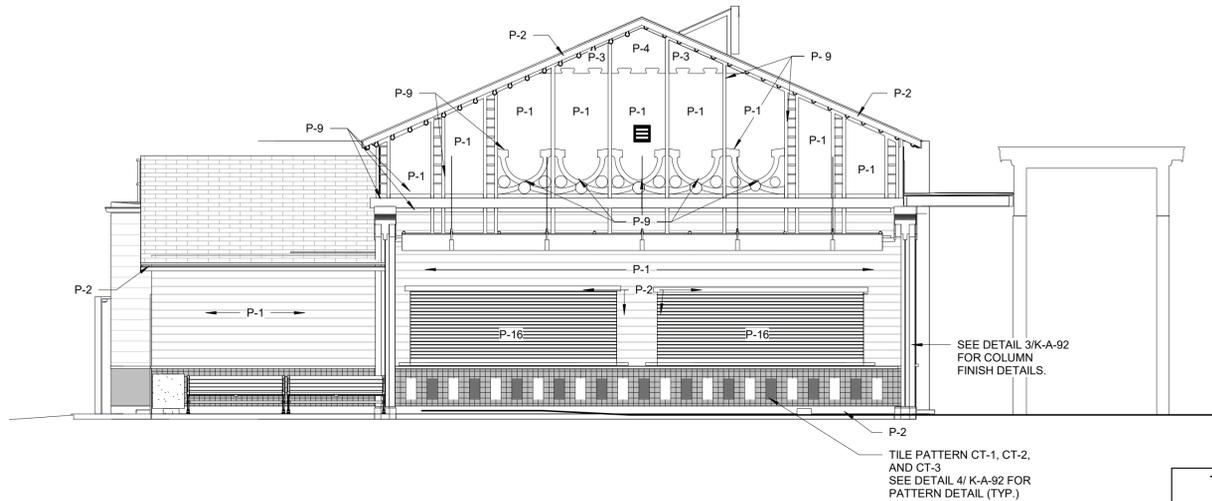
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
FINISHES & MATERIAL SCHEDULE**

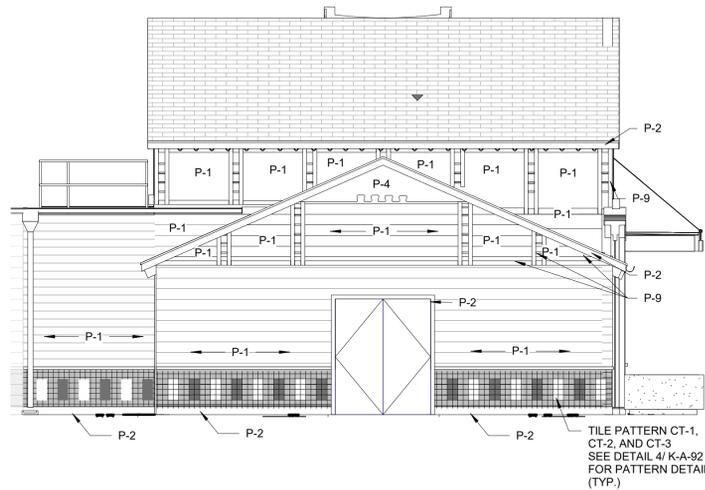
CONTRACT NUMBER 22-523	SHEET NUMBER K-A-91
DWG NO.: 524 of 664	SCALE: As indicated
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-A-1273-0	



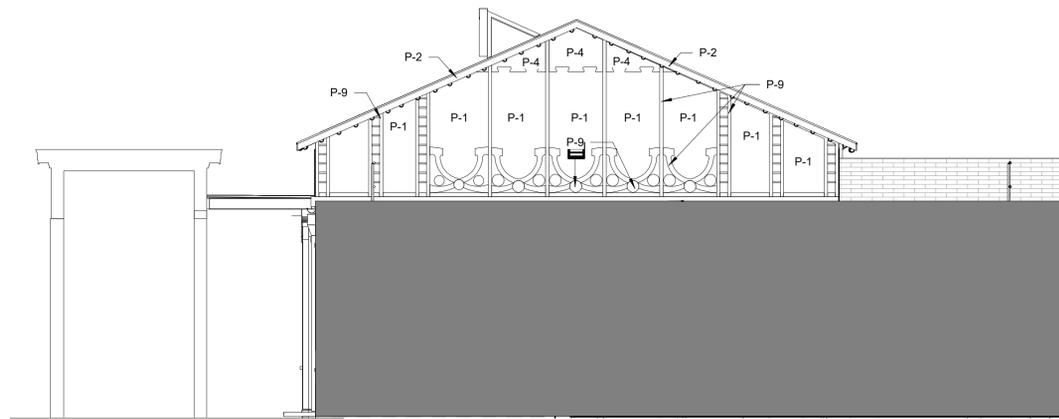
1 PROPOSED WEST ELEVATION FINISH
3/16" = 1'-0"



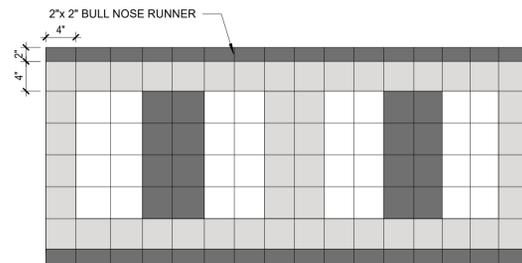
2 PROPOSED NORTH ELEVATION FINISH
3/16" = 1'-0"



3 PROPOSED EAST ELEVATION FINISH
3/16" = 1'-0"



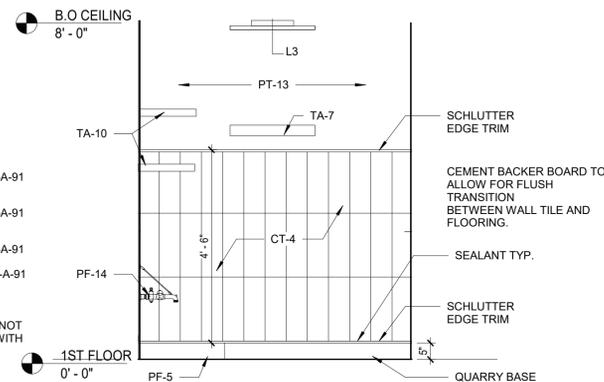
4 PROPOSED SOUTH ELEVATION FINISH
3/16" = 1'-0"



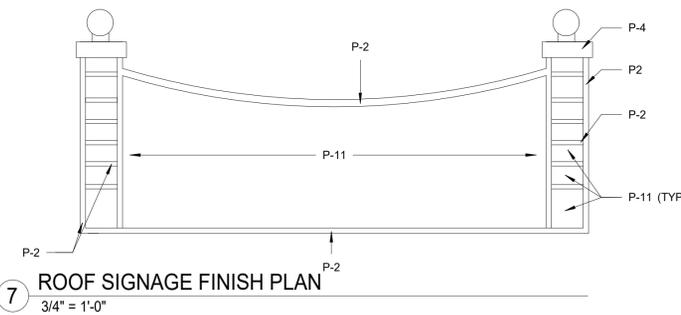
5 EXTERIOR TILE PATTERN
1" = 1'-0"

- = CT-1 - SEE FINISH SCHEDULE K-A-91
- = CT-2 - SEE FINISH SCHEDULE K-A-91
- = CT-3 - SEE FINISH SCHEDULE K-A-91
- = GR-1 - SEE FINISH SCHEDULE K-A-91

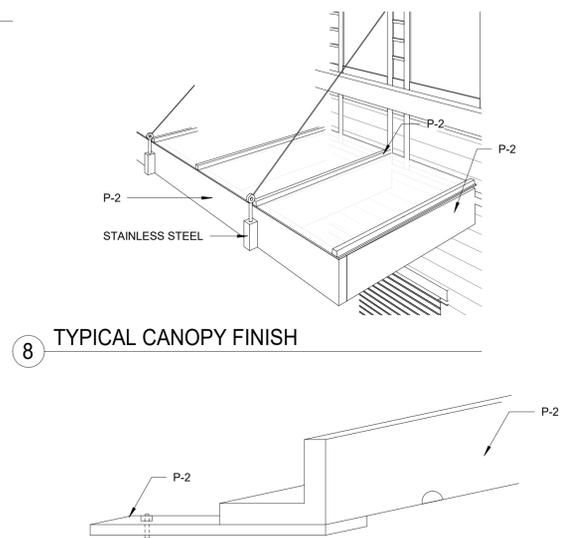
NOTE:
1/8" GROUT JOINT. OVERLAP SHOULD NOT EXCEED 33% WHEN INSTALLING TILE WITH A LENGTH 15" OR GREATER.



6 JANITORS CLOSET INTERIOR ELEVATION
1/2" = 1'-0"



7 ROOF SIGNAGE FINISH PLAN
3/4" = 1'-0"



8 TYPICAL CANOPY FINISH

9 ROOF SIGNAGE LIGHT FIXTURE STEEL ANGLE SUPPORT FINISH
6" = 1'-0"

GENERAL NOTES:

- FOR CERAMIC TILE PATTERNS & STAINLESS STEEL EDGE (TYPICAL FOR ALL CERAMIC TILE WALLS):
1. STAINLESS STEEL EDGE (BOTH FOR WALLS & FLOORS WHERE NECESSARY SHALL BE SS 304 E100 SCHLUTER- SCHIENE OR APPROVED EQUAL.
 2. BEFORE INSTALLATION OF CERAMIC TILE WALLS CONTRACTOR TO BULK MOCK- UPS AS LISTED BELOW FOR ARCHITECT'S REVIEW & APPROVAL.
 - (1) FOR SS EDGE/ CERAMIC TILE TRANSITION
 - (1) FOR CERAMIC PATTERN
 3. ALL WALL CORNERS/ EDGE CERAMIC TILES TO BE BULLNOSE AS SPECIFIED, TYP. FOR ALL CORNERS
 4. ALL CERAMIC TILE SPACING SHALL BE 1/8".
 5. ALL GROUTS SHALL BE EPOXY BASE. SEE SPECIFICATION, TYPICAL FOR ALL AREAS

TOILET ACCESSORIES SCHEDULE - "TA"	
TAG	DESCRIPTION
TA-7	4 POLE MOP HOLDER
TA-10	18"X 36" HEAVY DUTY WALL SHELF

PLUMBING FIXTURE SCHEDULE - "PF"		
TAG	DESCRIPTION	REMARKS
PF-5	SERVICE SINK	COMPATIBLE STAINLESS STEEL WALL GUARDS
PF-14	SERVICE SINK FAUCET	

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	

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CONSULTANT INFORMATION

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 (516) 938-5476 www.liro.com

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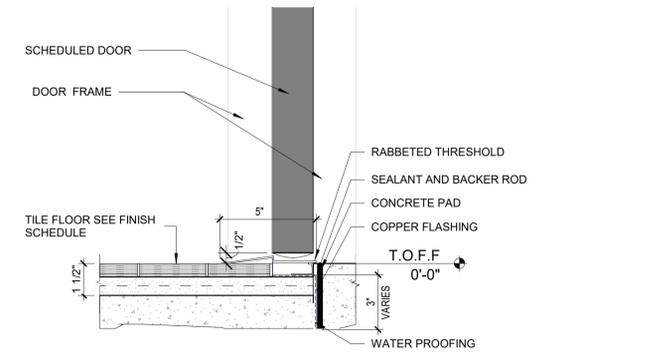
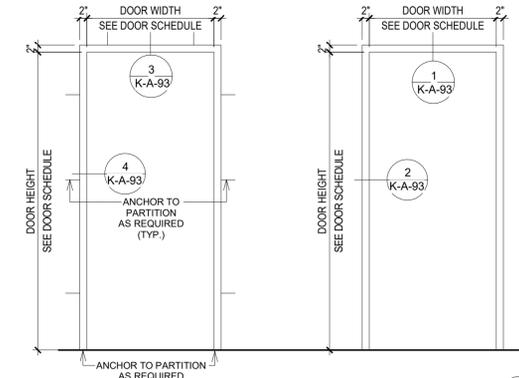
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 AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR: _____ PROJECT COORDINATOR: _____
 NAME SIGNATURE TITLE DATE

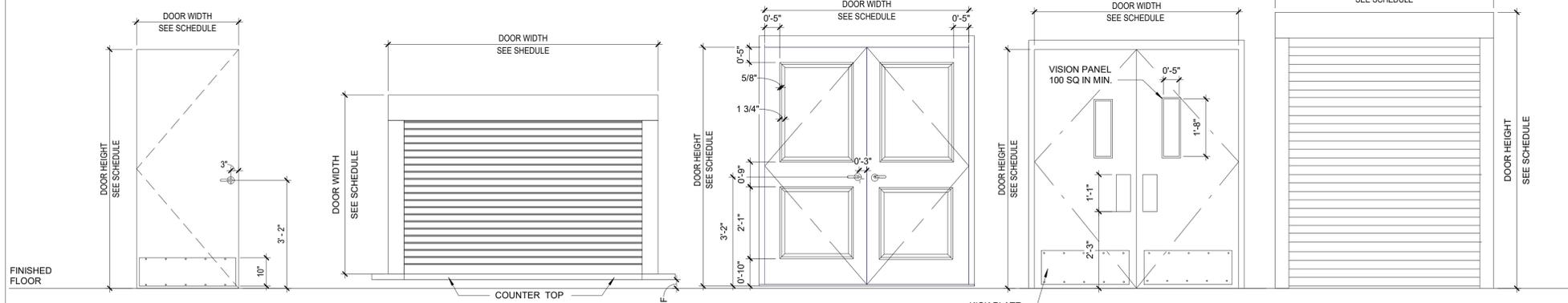
WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
**INFRASTRUCTURE REHABILITATION
 PLAYLAND PARK, RYE, NEW YORK
 RESTAURANT KITCHEN WITH FOOD VENDING
 EXTERIOR FINISH ELEVATIONS & DETAILS**

CONTRACT NUMBER	SHEET NUMBER
22-523	K-A-92
DWG NO.: 525 of 664	SCALE: As indicated
DATE: 8/23/2023	REV. NO. 0
DPW FILE NUMBER 1-118-A-1274-0	

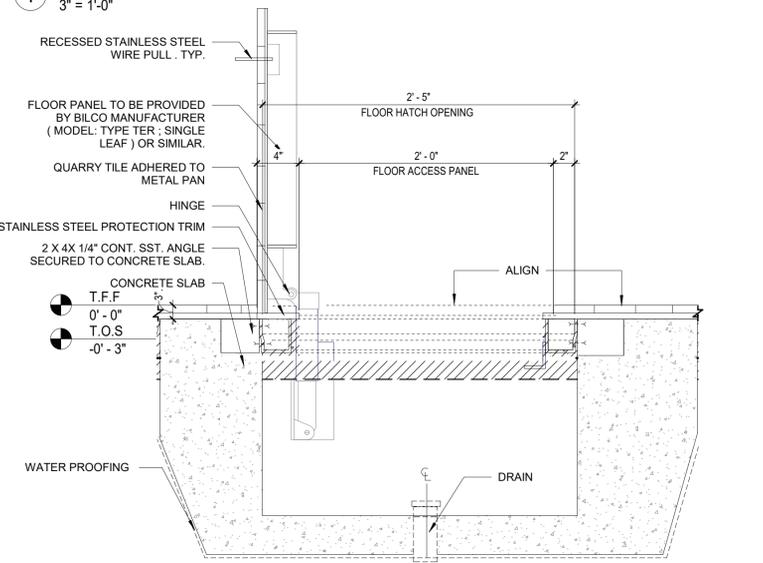
DOOR NUMBER	LOCATION		DOOR TYPE	PANEL				FRAME				HW SET	R-VALUE	U-VALUE	FIRE RATING	Comments		
	FROM	TO		WIDTH	HEIGHT	THICK NESS	MATL	FINISH		Frame Type	MATL						FINISH	
								EXTERIOR	INTERIOR								EXTERIOR	INTERIOR
101	SEASONAL FOOD SERVICE	KITCHEN	A	3'-0"	7'-0"	1 3/4"	HM	Paint - P-11	Paint - P-11	2	HM	Paint - P-11	Paint - P-11	7				
101A	EXTERIOR	SEASONAL FOOD	B	7'-0"	7'-9 3/4"	3/8"	STEEL	Paint - P-16	Paint - P-16	3	STEEL	Paint - P-16	Paint - P-16	4	0.31		45 MIN	
101B	EXTERIOR	SEASONAL FOOD	B	13'-0"	7'-9 3/4"	3/8"	STEEL	Paint - P-16	Paint - P-16	3	STEEL	Paint - P-16	Paint - P-16	4	0.31		MOTORIZED ROLL DOWN COUNTER TOP	
101C	EXTERIOR	SEASONAL FOOD	B	13'-0"	7'-9 3/4"	3/8"	STEEL	Paint - P-16	Paint - P-16	3	STEEL	Paint - P-16	Paint - P-16	4	0.31		MOTORIZED ROLL DOWN COUNTER TOP	
102	DRY ROOM	KITCHEN	A	3'-0"	7'-0"	1 3/4"	HM	Paint - P-11	Paint - P-11	2	HM	Paint - P-11	Paint - P-11	9				
103	ELECTRICAL CL.	KITCHEN	A	3'-0"	7'-0"	1 3/4"	HM	Paint - P-11	Paint - P-11	2	HM	Paint - P-11	Paint - P-11	12				
104	JANITOR CL.	KITCHEN	A	3'-0"	7'-0"	1 3/4"	HM	Paint - P-11	Paint - P-11	2	HM	Paint - P-11	Paint - P-11	9				
105	PLAZA REST.	KITCHEN	D	6'-5"	7'-3"	1 3/4"	STEEL	Paint - P-11	Paint - P-11	4	HM	Paint - P-11	Paint - P-11	2				
105B	EXTERIOR	KITCHEN	C	6'-0"	7'-3"	1 3/4"	WD	Paint - P-11	Paint - P-11	1	WD	Paint - P-11	Paint - P-11	6				
106	SEASONAL FOOD	KITCHEN	B	6'-6"	3'-16"	3/8"	STEEL	Paint - P-16	Paint - P-16	2	STEEL	Paint - P-16	Paint - P-16	4			MOTORIZED ROLL DOWN COUNTER TOP	
107	KITCHEN	KITCHEN	E	6'-2"	7'-0"	3/8"	STEEL	Paint - P-16	Paint - P-16	3	STEEL	Paint - P-16	Paint - P-16	4	R-4.75		1 HR	
108				2'-0"	1'-0 5/8"												MOTORIZED INSULATED ROLL DOWN COUNTER TOP	



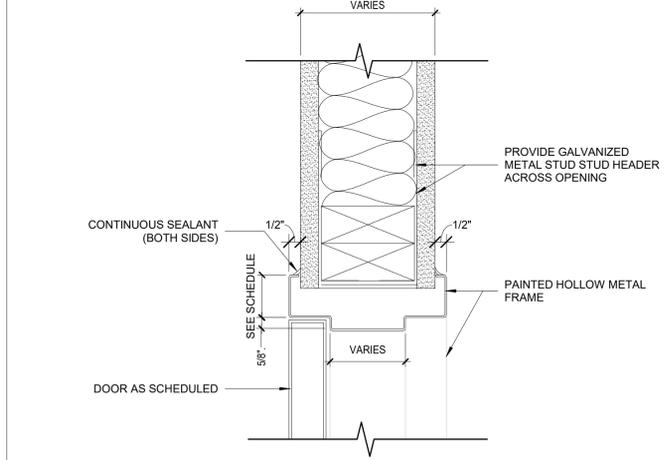
1 KITCHEN QUARRY TILE TO EXTERIOR CONCRETE THRESHOLD DETAIL
3" = 1'-0"



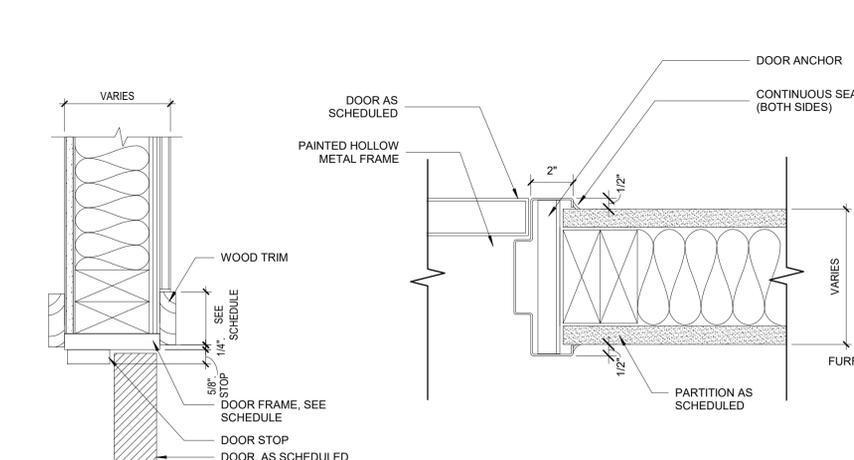
TYPE A SINGLE H.M. DOOR
TYPE B COUNTER OVER HEAD ROLL UP DOOR U-FACTOR MIN U-0.31 (ECCC TBL C402.1.4) UON
TYPE C DOUBLE SOLID WOOD DOOR U-FACTOR MIN U-0.37 (ECCC TBL C402.1.4) UON
TYPE D DOUBLE H.M. ACTING DOOR
TYPE E FULL HEIGHT FIRE BARRIER ROLL UP DOOR R-4.75, FIRE RATING 90 MIN



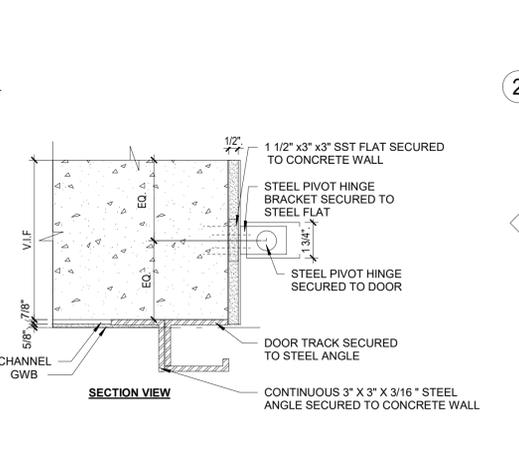
2 FLOOR ACCESS PANEL SECTION DETAIL
1 1/2" = 1'-0"



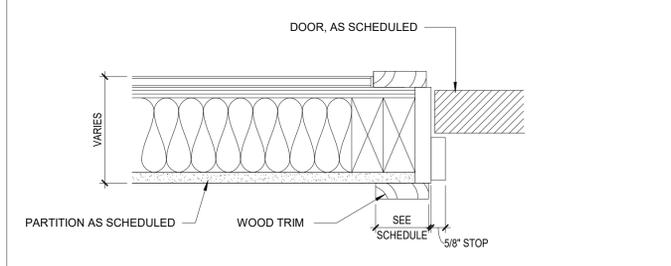
3 H.M. FRAME HEAD DETAIL
3" = 1'-0"



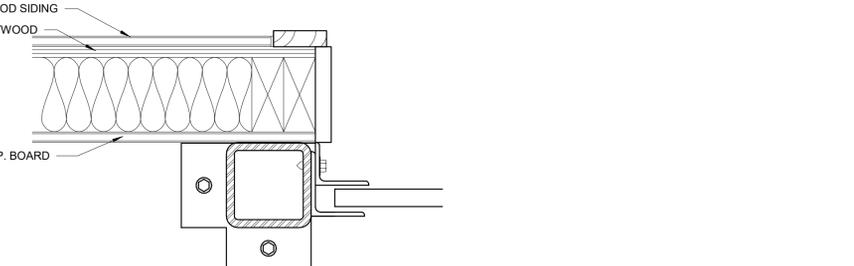
4 WOOD DOOR HEAD DETAIL
3" = 1'-0"



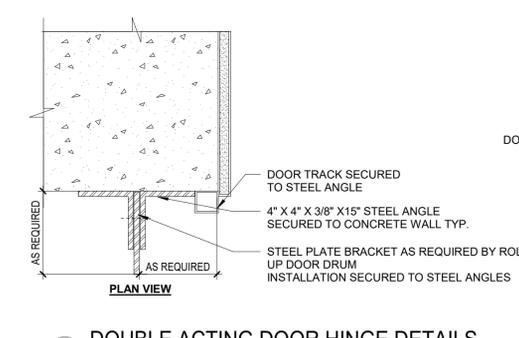
5 H.M. FRAME JAMB DETAIL
3" = 1'-0"



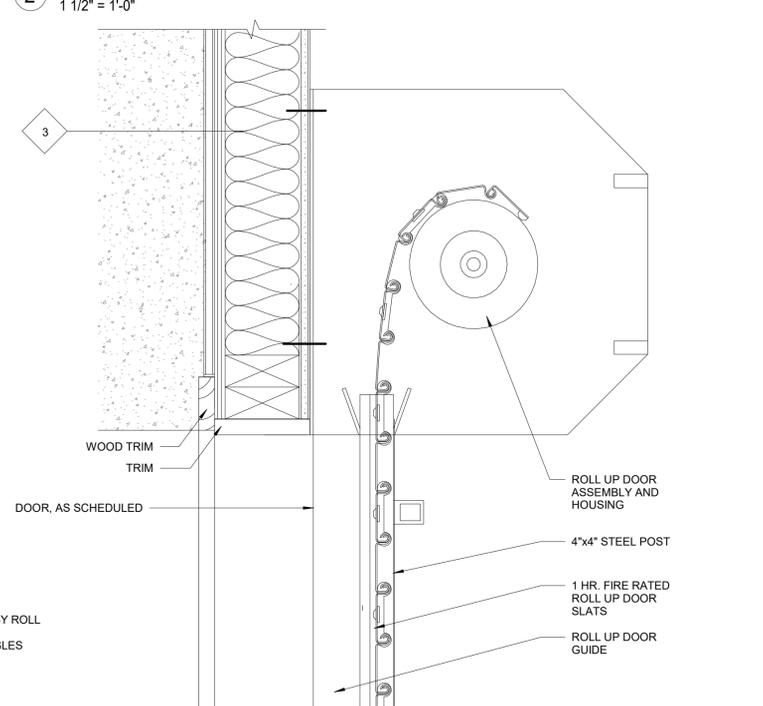
8 WOOD DOOR JAMB DETAIL
3" = 1'-0"



9 ROLL-UP DOOR JAMB DETAIL
3" = 1'-0"



6 DOUBLE ACTING DOOR HINGE DETAILS
3/4" = 1'-0"



7 MOUNTED FIRE RATED ROLL UP DOOR
3" = 1'-0"

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CONSULTANT INFORMATION

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 (516) 938-5476 www.liro.com

CONSULTANT SEAL

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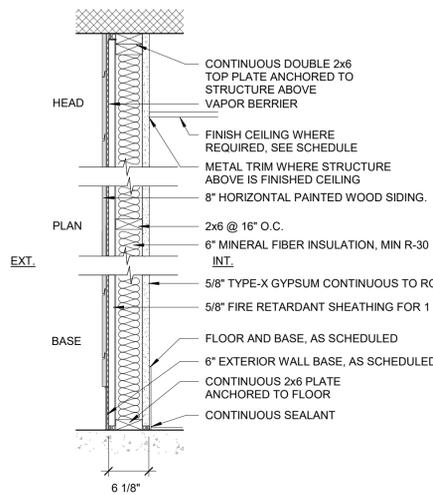
RECORD DRAWING CERTIFICATION
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CONTRACTOR: _____ PROJECT COORDINATOR: _____
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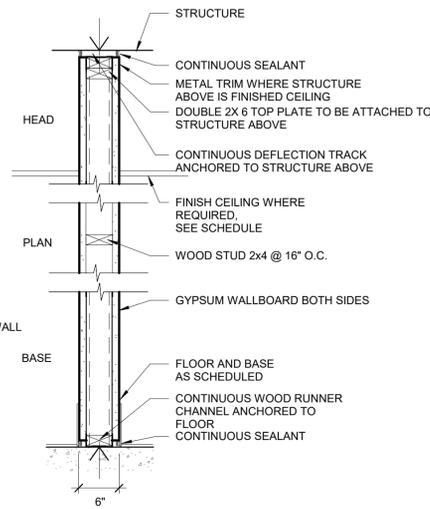
WESTCHESTER COUNTY, NEW YORK
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 DOOR & FRAME DETAILS

CONTRACT NUMBER 22-523	SHEET NUMBER K-A-93
DWG NO.: 526 of 664	SCALE: As indicated
DATE: 8/23/2023	REV. NO. 0
DPW FILE NUMBER 1-118-A-1275-0	

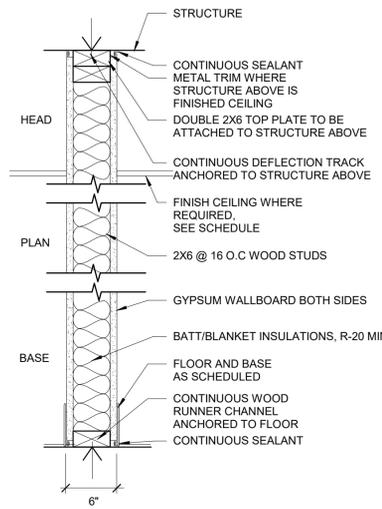
EXTERIOR TWO SIDED - ONE LAYER



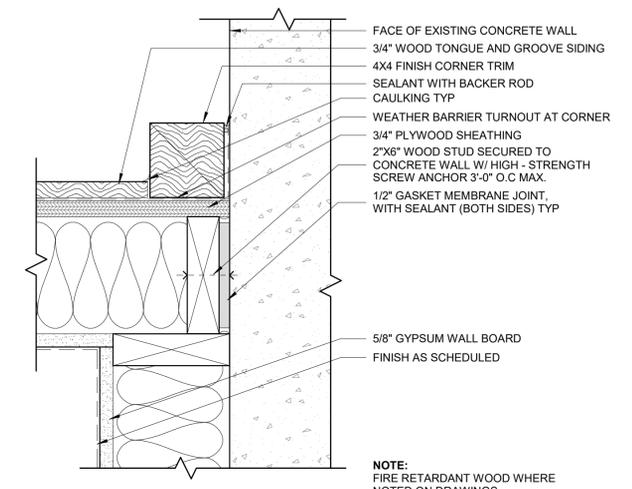
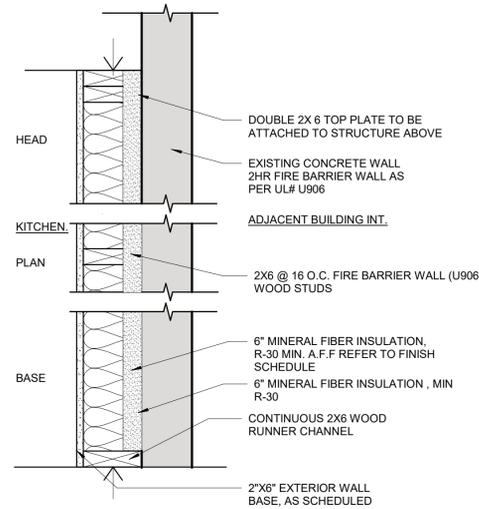
TWO SIDED - ONE LAYER



TWO SIDED - ONE LAYER



TWO SIDED - ONE LAYER



1 EXTERIOR WALL TYPE

1 LAYER 5/8" GWB MOISTURE RESISTANT, 2x6 WOOD STUD, 3/4" MOISTURE RESISTANT SHEATHING, 1/8" DRAINAGE TYPE OF AIR MOISTURE BARRIER, WOOD SIDING UPTO 8' A.F.F.

2 1 HR. RATING

1 LAYER 5/8" IMPACT & MOLD-RESISTANT GYP. BD. UPTO 8' A.F.F. AND 5/8" MOLD-RESISTANT GYP. BD. TO CEILING, ON EACH SIDE

2A INTERIOR PARTITION WALL TYPE - NO RATING

5-1/2" WOOD STUDS
1 LAYER 5/8" GYP. BD. EACH SIDE, INSULATION R-20 MIN

2B 1 HR. RATING

5-1/2" WOOD STUDS
1 LAYER 5/8" GYP. BD. EACH SIDE WITH R-30 BATT INSULATION

3 EXTERIOR FURRING WALL ON EXISTING WALL CONSTRUCTION

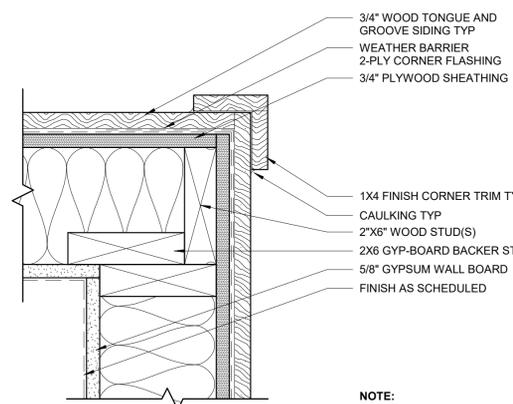
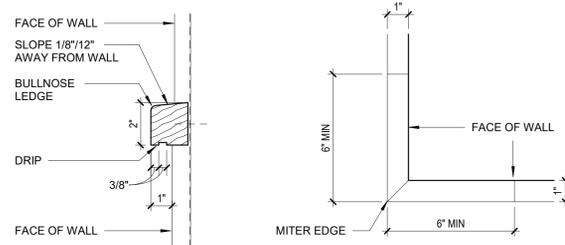
6" WOOD STUDS
1 LAYER 5/8" GYP. BD.

1 TYP WOOD FRAMING TO EXISTING CONC. WALL DETAIL

3" = 1'-0"

1A EXTERIOR WALL TYPE 1 HR FIRE RESISTANCE RATED

1 LAYER 5/8" 5/8" GWB-X, M-Bloc - MOISTURE RESISTANT, 2x6 WOOD STUD, 5/8" GBW-X, M-Bloc, 3/4" FIRE RETARDANT SHEATHING, 1/8" DRAINAGE TYPE AIR MOISTURE BARRIER, WOOD SIDING WITH TEST NUMBER: BXUV.V346-ANSI/UL 263

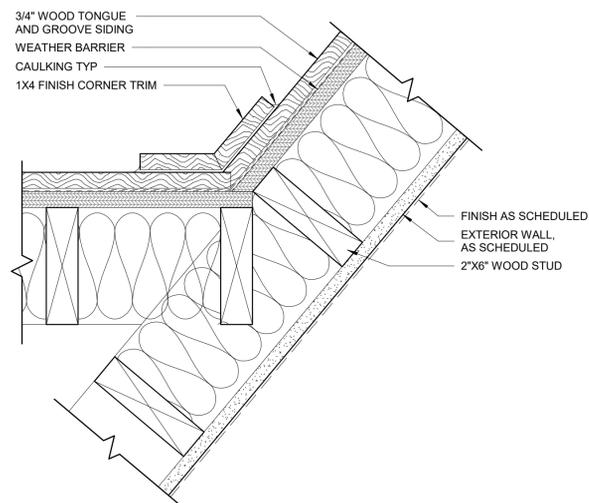


SECTION PROFILE

PLAN - CORNER

2 TYPICAL WOOD TRIM DETAIL

3" = 1'-0"

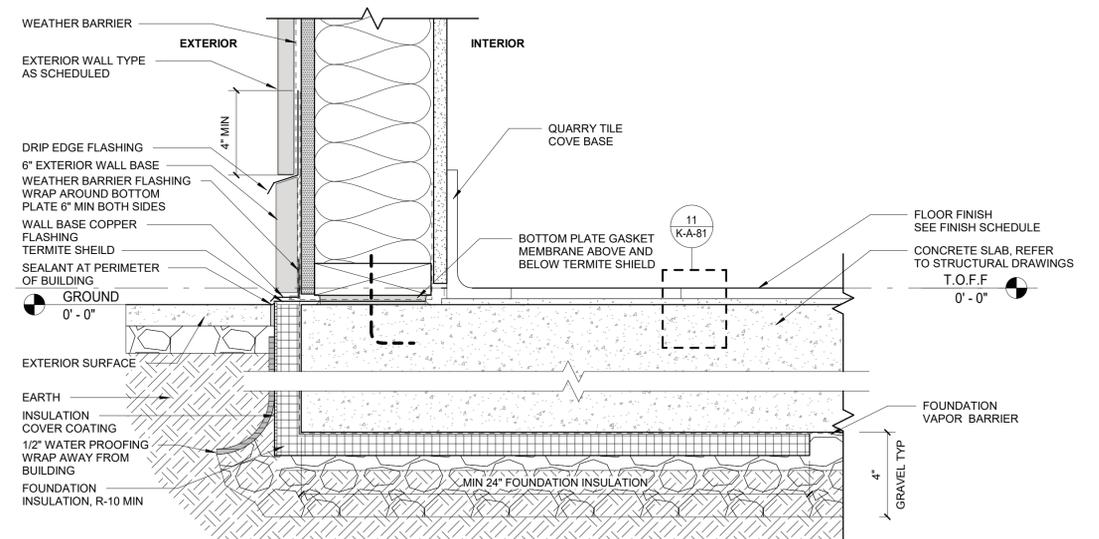


3 TYP WOOD FRAMING CORNER DETAIL

3" = 1'-0"

5 TYP WOOD FRAMING ANGLED WALL DETAIL

3" = 1'-0"



4 TYPICAL CONCRETE SLAB-ON-GRADE DETAIL

3" = 1'-0"

8/30/2022 2:52:12 PM

CONSULTANT INFORMATION
The LiRo Group
1 State Street Plaza, New York, NY, 10004
(516) 938-5476 www.liro.com

CONSULTANT SEAL
REGISTERED ARCHITECT
STATE OF NEW YORK
023280

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

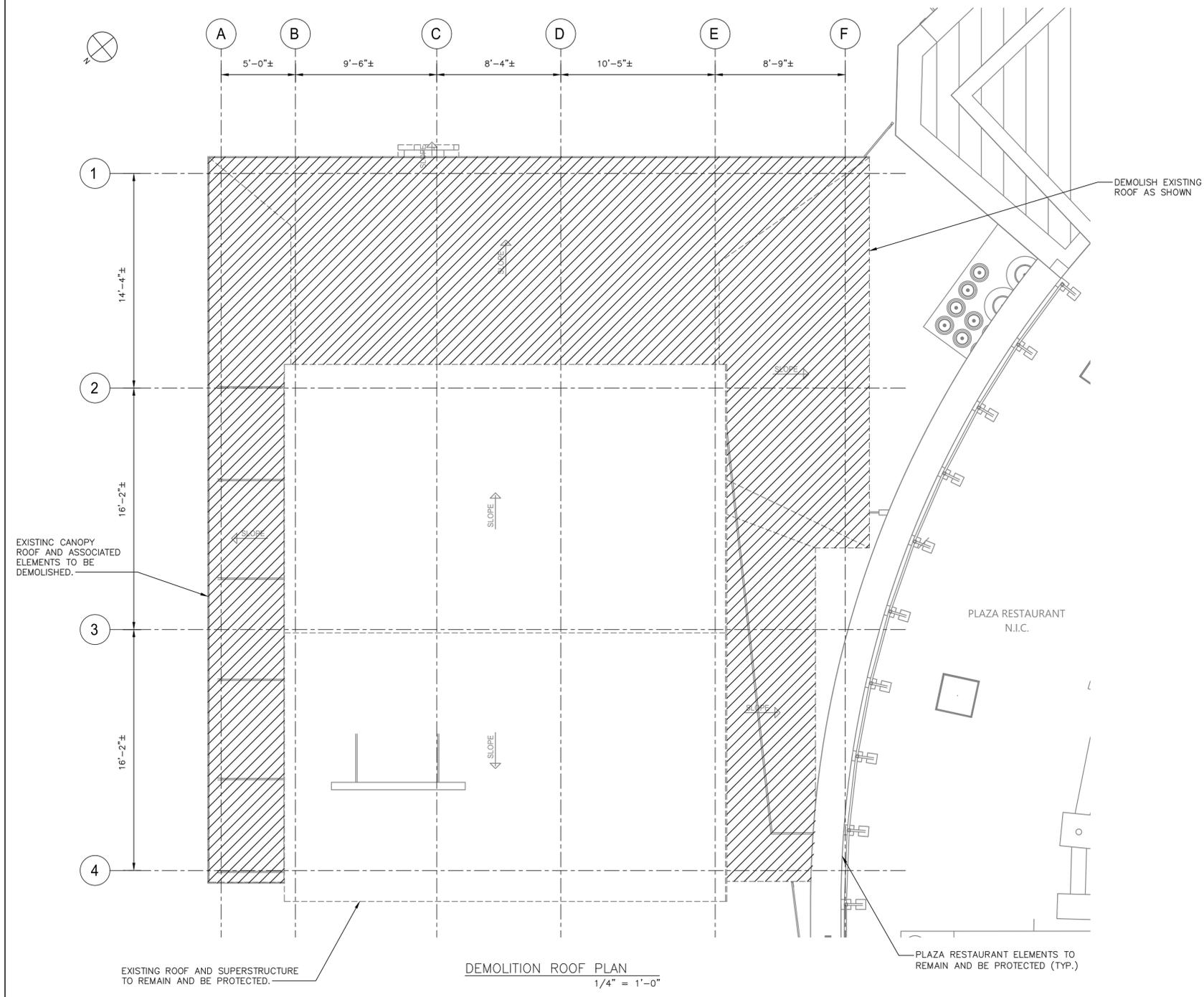
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 AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING
**INFRASTRUCTURE REHABILITATION
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
WALL PARTITION SCHEDULE**

CONTRACT NUMBER	SHEET NUMBER
22-523	K-A-94
DWG NO.:	527 of 664
SCALE:	As indicated
DATE:	8/23/2022
DPW FILE NUMBER	1-118-A-1276-0
REV. NO.	0

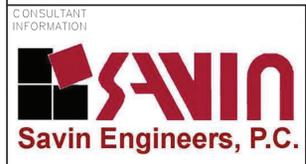
- NOTES:
1. FOR STRUCTURAL NOTES, SEE DRAWING K-S-01.
 2. FOR STRUCTURAL ABBREVIATIONS AND SYMBOLS, SEE DRAWING K-S-02.



EXISTING ROOF AND SUPERSTRUCTURE TO REMAIN AND BE PROTECTED.

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

Drawing Name: C:\Savin\Avesad\2060\25-Playland-Mega-3\5\KS-1003.dwg
 Rev: 211001F02
 Project: 211001F02
 Printed by: JCastro Date: 19 August 2022 1:07 PM Designed by: ---
 xrefs: [B_24436_WestchesterCo_3.dwg] [TSC-SYMBOL.dwg] [K-A-03.dwg] [K-S-1002.dwg]



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 _____

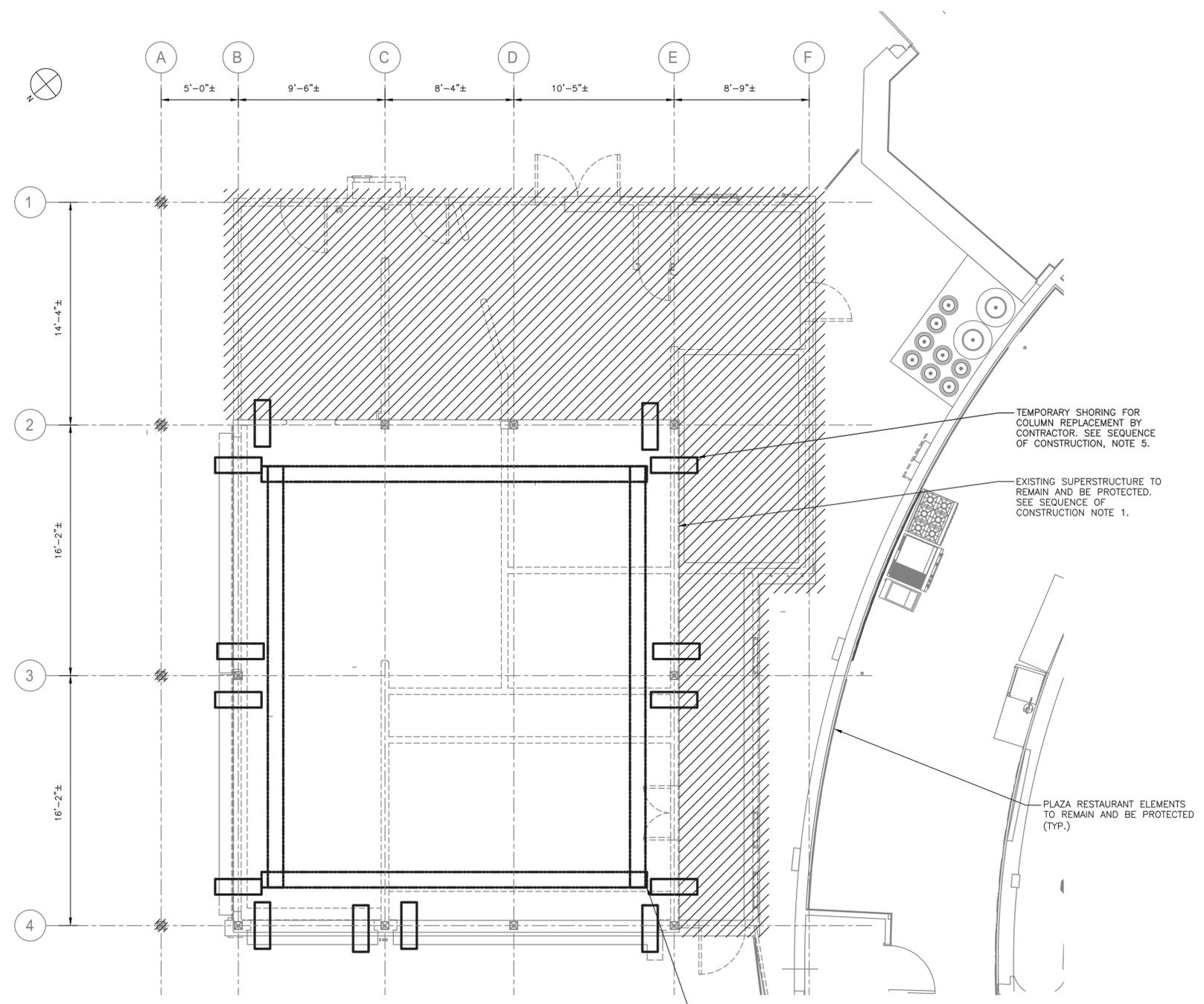
WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION - PHASE 3
 PLAYLAND PARK, RYE, NEW YORK
 RESTAURANT KITCHEN WITH FOOD VENDING
 DEMOLITION - ROOF PLAN**

CONTRACT NUMBER 22-523	SHEET NUMBER K-S-04
DWG NO.: _____	SCALE: AS SHOWN of 664
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-S-1280-0	

- NOTES:**
- FOR STRUCTURAL NOTES, SEE DRAWING K-S-01.
 - FOR STRUCTURAL ABBREVIATIONS AND SYMBOLS, SEE DRAWING K-S-02.
 - TEMPORARY SHORING SHALL BEAR ON ASPHALT, CONCRETE OR SUBSURFACE.

- SEQUENCE OF CONSTRUCTION:**
- DEMOLISH EXISTING SUPERSTRUCTURE AS SHOWN AND EXISTING INTERIOR SLAB ON GRADE. SEE K-S-03 AND K-S-04.
 - INSTALL ALL MICROPILES AS SHOWN ON K-S-06. CONTRACTOR IS ALERTED OF SPACE RESTRICTIONS AND SHALL INCLUDE IN THEIR BID THE USE OF A SMALL PROFILE MICROPILE DRILL RIG.
 - INSTALL TEMPORARY SHORING AROUND PERIMETER OF SUPERSTRUCTURE TO REMAIN.
 - EXCAVATE AND COMPLETE FOUNDATION WORK AND UNDERPINNING.
 - INSTALL TEMPORARY SHORING FOR COLUMN REPLACEMENT.
 - DEMOLISH EXISTING COLUMNS.
 - INSTALL NEW COLUMNS AND COMPLETE INSTALLATION OF STRUCTURAL STEEL FRAMING. SEE PLANS.
 - REMOVE ALL TEMPORARY SHORING.
 - COMPLETE INSTALLATION OF SLAB ON GRADE FOR EXISTING SUPERSTRUCTURE.
 - COMPLETE REMAINDER OF CONTRACT WORK.



SHORING PLAN
1/4" = 1'-0"



Drawing Name: C:\Savin\Projects\2060\25-Playland-Mega-3\5\KS-1008.dwg
 Project: 211001F02_Consultants
 Printed by: JCastro Date: 19 August 2022 1:07 PM Designed by: ---
 xrefs: [B-24436_WestchesterCo_3.dwg] [TSC-SILCO.dwg] [K-A-01.dwg] [K-S-1003.dwg]



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

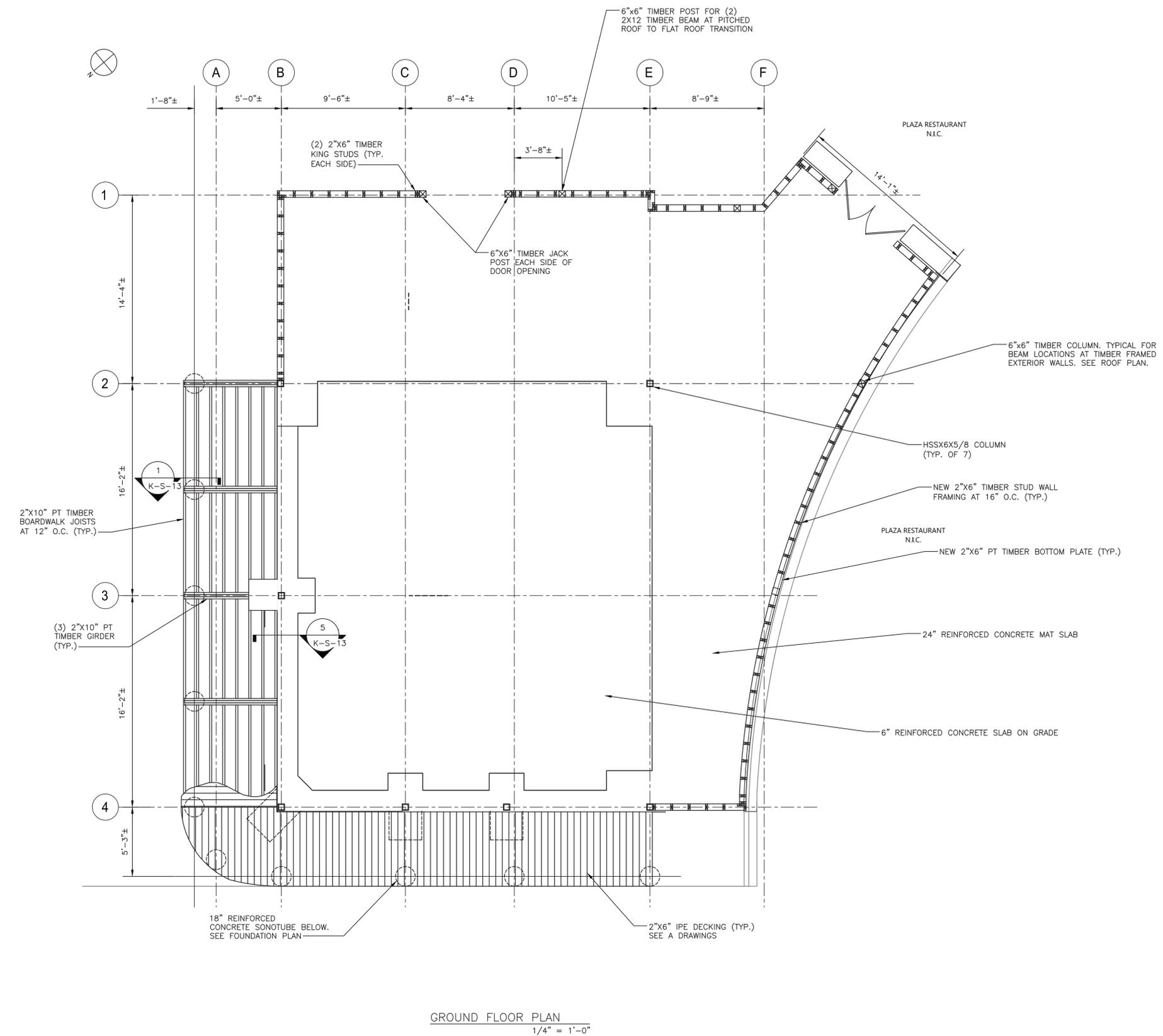
CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
SHORING PLAN

CONTRACT NUMBER 22-523	SHEET NUMBER K-S-05
DWG NO.: _____	SCALE: AS SHOWN 500 of 664
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-S-1281-0	

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



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

Drawing Name: C:\Savin\A\2060\25_Playland-Mega-3\5\KS-1015.dwg
 Rev: 211001P02
 Printed by: JCastro Date: 19 August 2022 1:07 PM Designed by: ---
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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

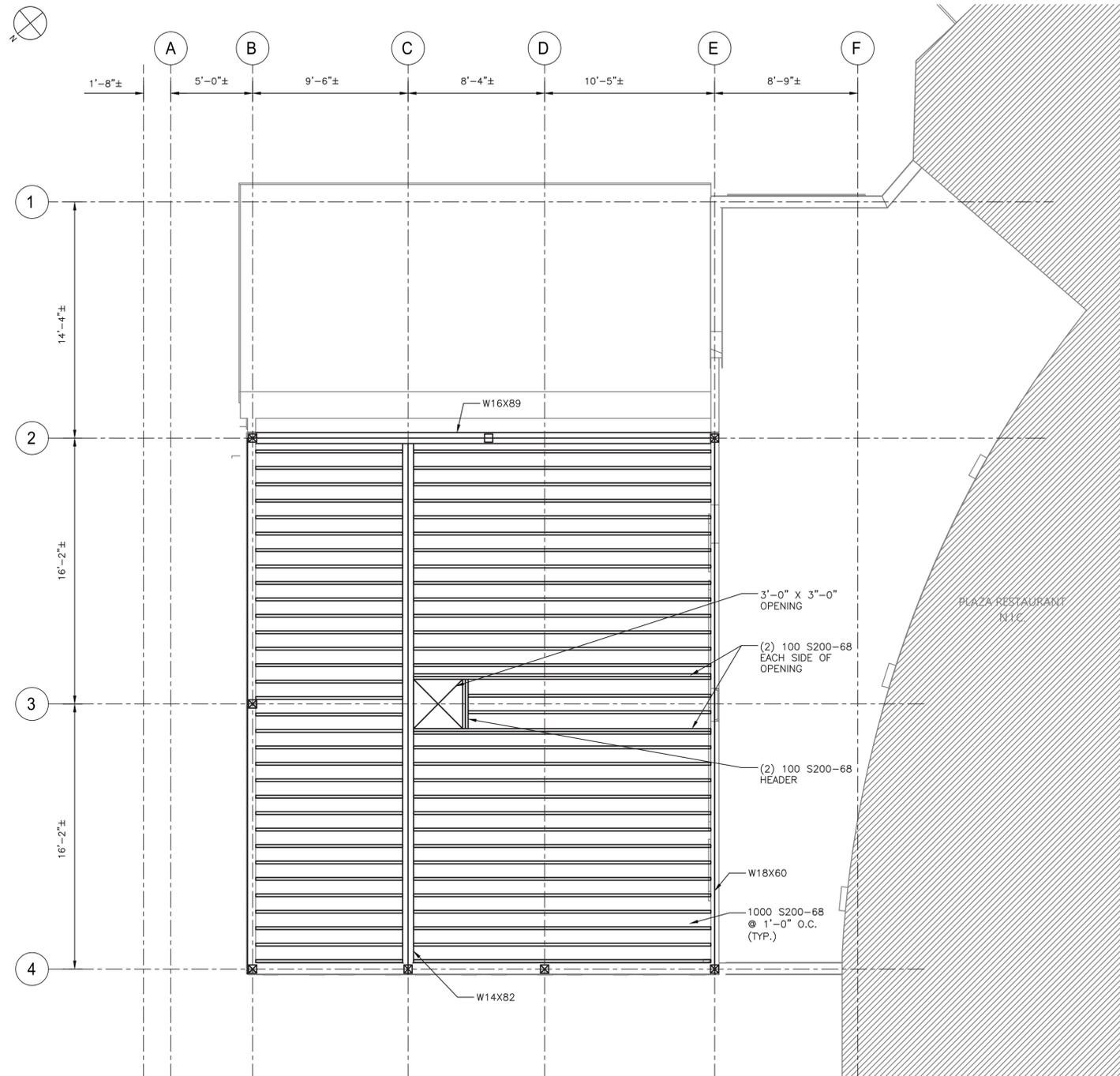
RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED
 AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME	_____	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
RESTAURANT KITCHEN WITH FOOD VENDING
GROUND FLOOR PLAN

CONTRACT NUMBER 22-523	SHEET NUMBER K-S-07
DWG NO.: 594	of 664
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-S-1283-0	



- NOTES:
1. FOR STRUCTURAL NOTES, SEE DRAWING K-S-01.
 2. FOR STRUCTURAL ABBREVIATIONS AND SYMBOLS, SEE DRAWING K-S-02.

CEILING FRAMING PLAN
1/4" = 1'-0"

Drawing Name: C:\Savin\A\2060\25-Playland-Mega-3\5\KS-1011.dwg
 Rev: 211001P02
 Printed by: JCastro Date: 19 August 2022 1:08 PM Designed by: ---
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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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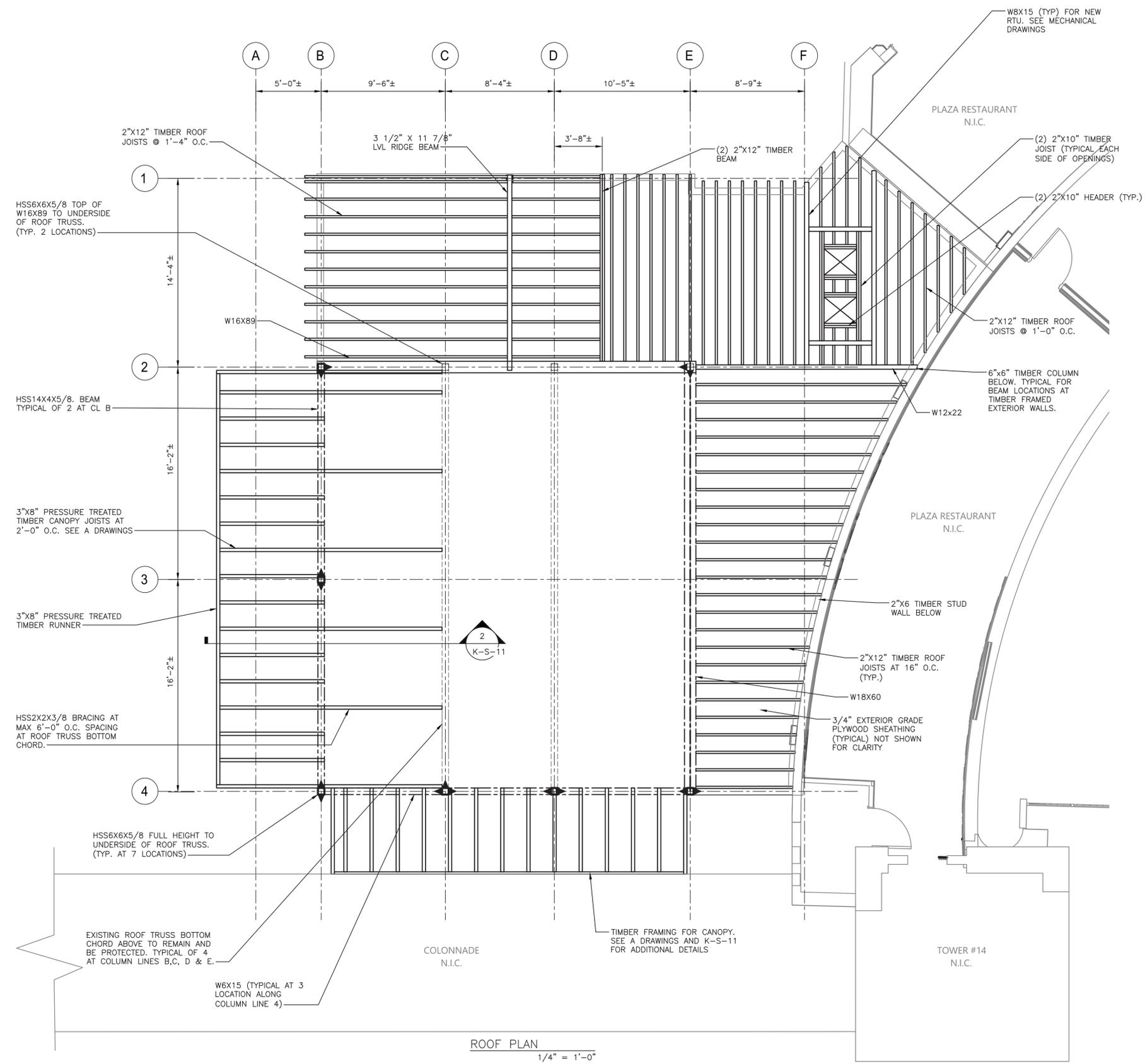
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NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

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

**INFRASTRUCTURE REHABILITATION - PHASE 3
 PLAYLAND PARK, RYE, NEW YORK
 RESTAURANT KITCHEN WITH FOOD VENDING
 CEILING FRAMING PLAN**

CONTRACT NUMBER 22-523	SHEET NUMBER K-S-08
DWG NO.: _____	SCALE: AS SHOWN 50% of 664
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-S-1284-0	REV. NO. 0

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



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

Drawing Name: C:\Savin\Projects\2022\25-Playland-Mega-3\5\K-S-1013.dwg
 Project: 211001F02 C
 Printed by: JCastro Date: 19 August 2022 1:08 PM Designed by: ---
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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

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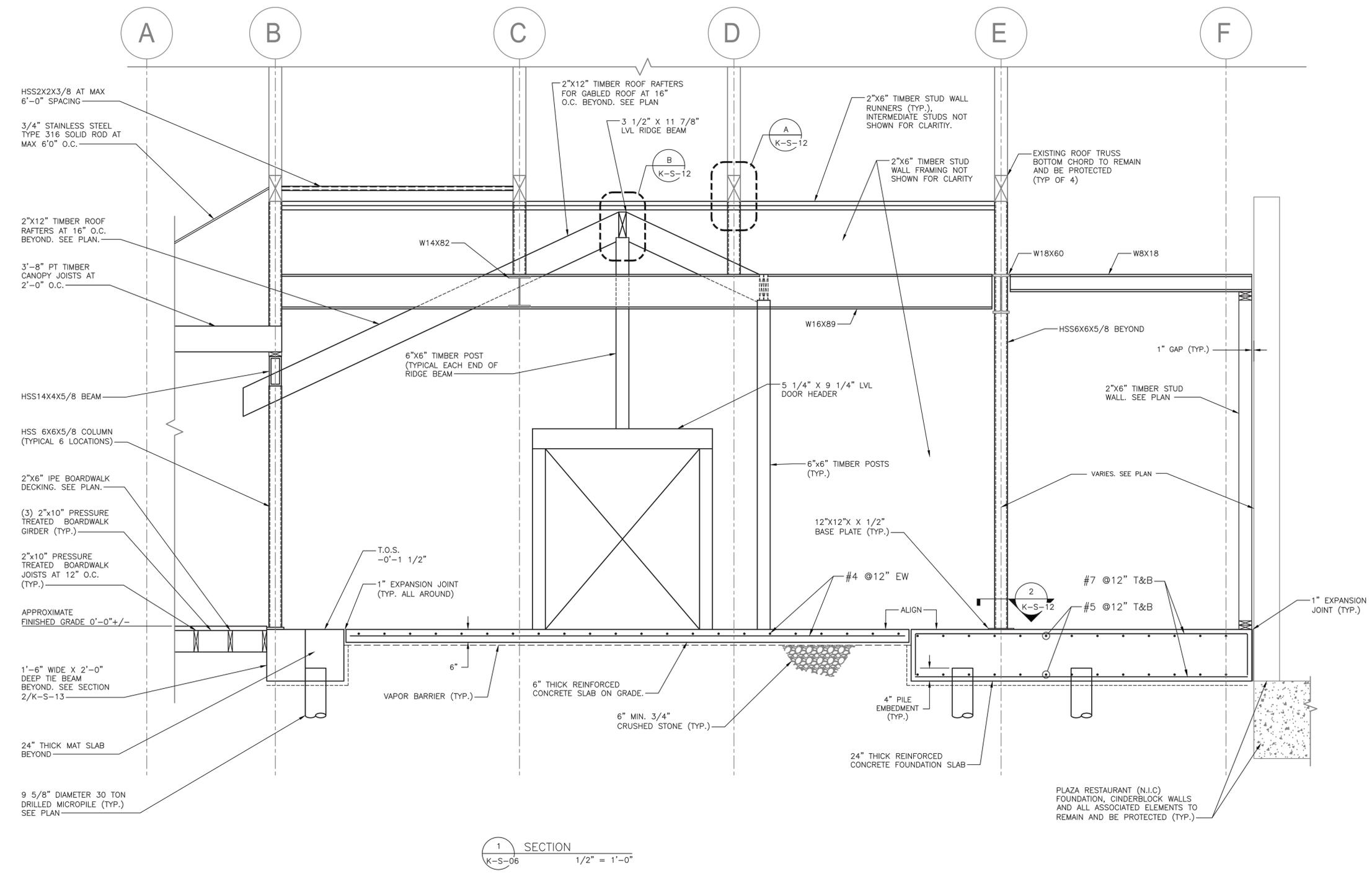
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

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

INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
ROOF PLAN

CONTRACT NUMBER	22-523	SHEET NUMBER	K-S-09
DWG NO.:		SCALE:	AS SHOWN 50% of 664
DATE:	8/23/2022	REV. NO.:	0
DPW FILE NUMBER	1-118-S-1285-0		

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



1 SECTION
K-S-06 1/2" = 1'-0"

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 Printed by: jCastro Date: 19 August 2022 1:08 PM Designed by: ---
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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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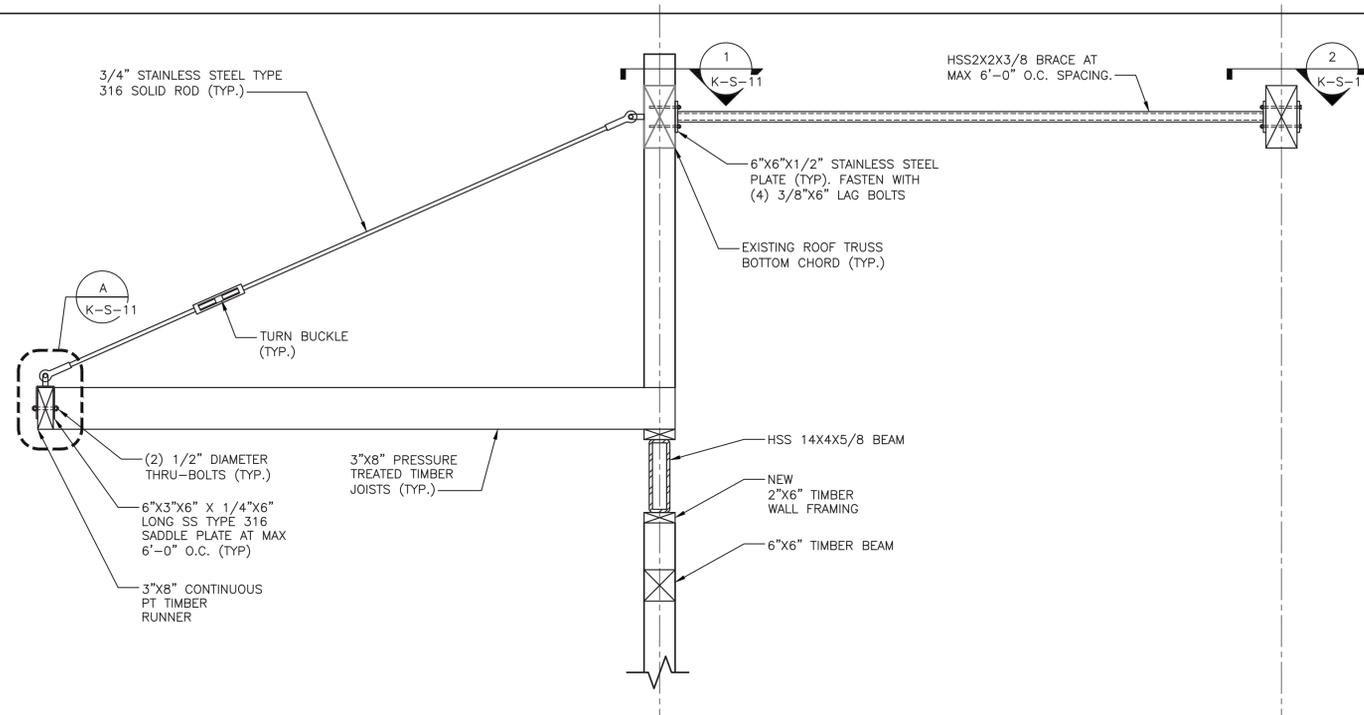
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

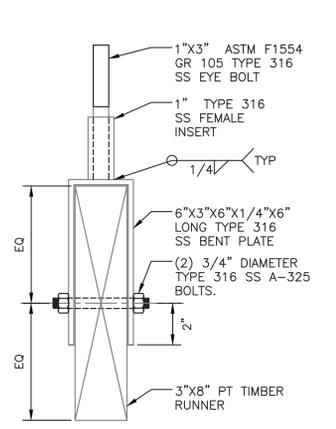
WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION - PHASE 3
 PLAYLAND PARK, RYE, NEW YORK
 RESTAURANT KITCHEN WITH FOOD VENDING
 SECTION**

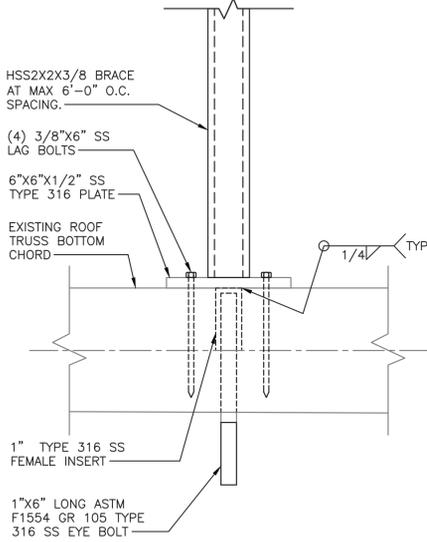
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DWG NO.: _____	SCALE: AS SHOWN
DATE: 8/23/2022	REV. NO. 0
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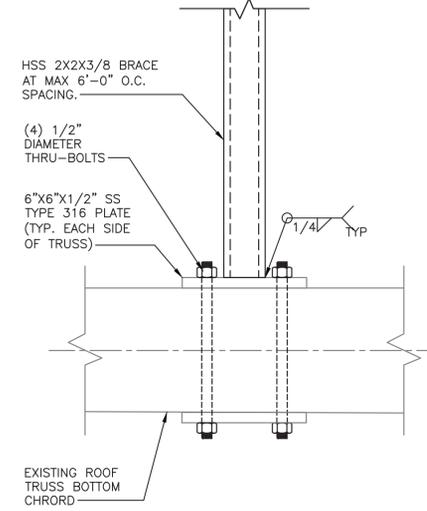
2 SECTION
K-S-09 3/4" = 1'-0"



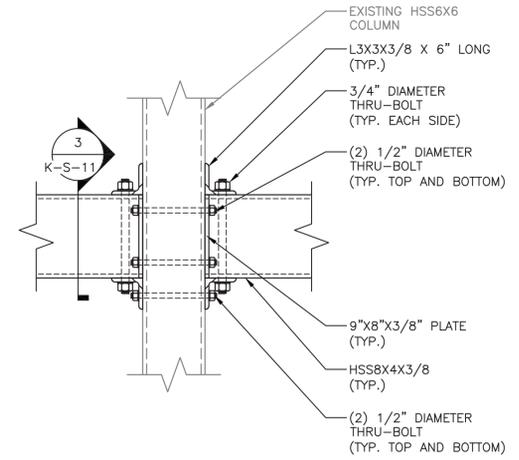
A DETAIL - JOIST AND GUY WIRE CONNECTION
K-S-11 3/4" = 1'-0"



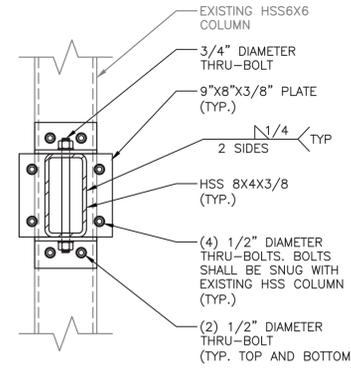
1 SECTION
K-S-11 3/4" = 1'-0"



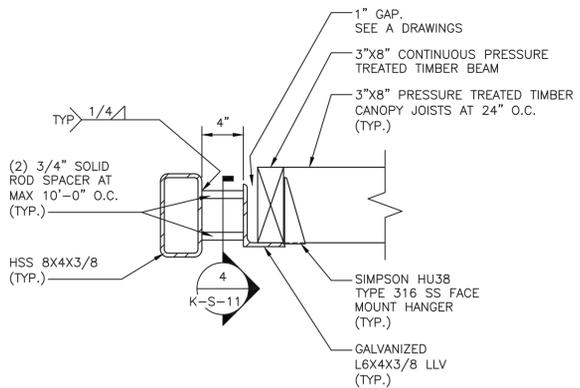
2 SECTION
K-S-11 3/4" = 1'-0"



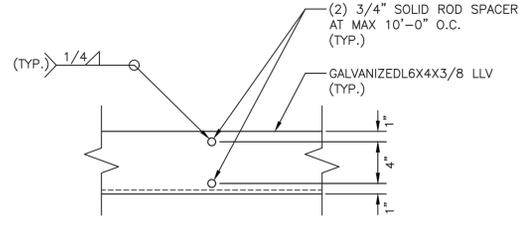
DETAIL - HSS BEAM TO COLONNADE CONNECTION
K-S-11 1 1/2" = 1'-0"



3 SECTION
K-S-11 1 1/2" = 1'-0"



DETAIL - L6X4 TO HSS8X4 CONNECTION
K-S-11 1 1/2" = 1'-0"



4 SECTION
K-S-11 1 1/2" = 1'-0"

NOTES:

- L4X6X3/8 NOT SHOWN FOR CLARITY. SEE DETAILS.

NOTES:

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

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 Printed by: JCastro Date: 19 August 2022 1:08 PM
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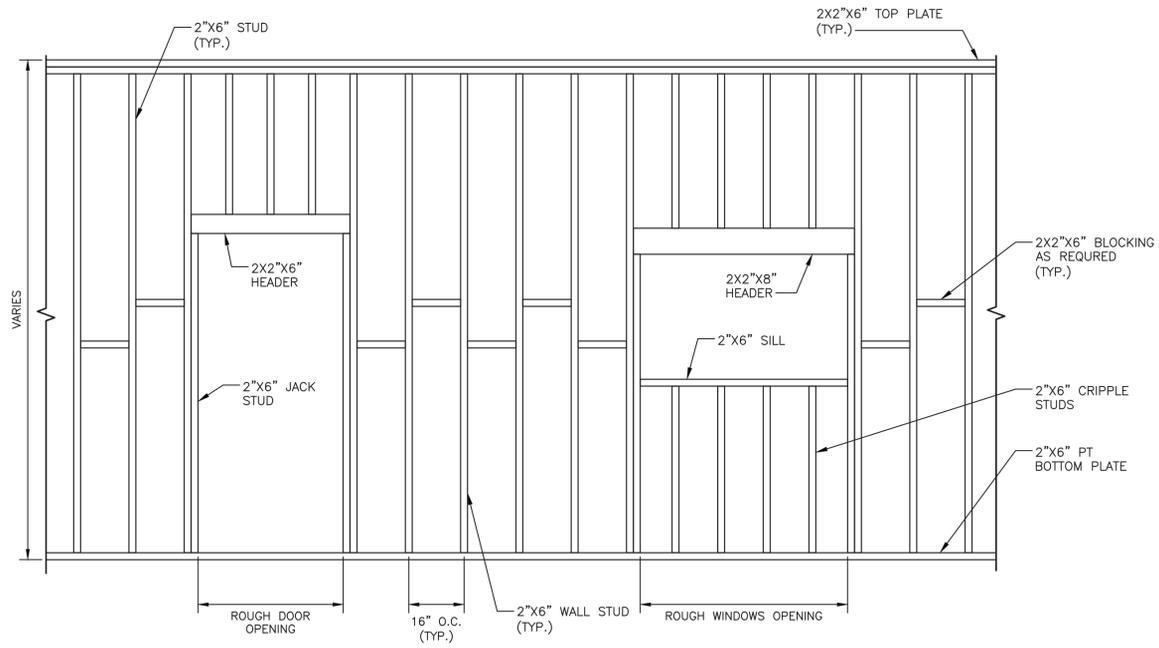


REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

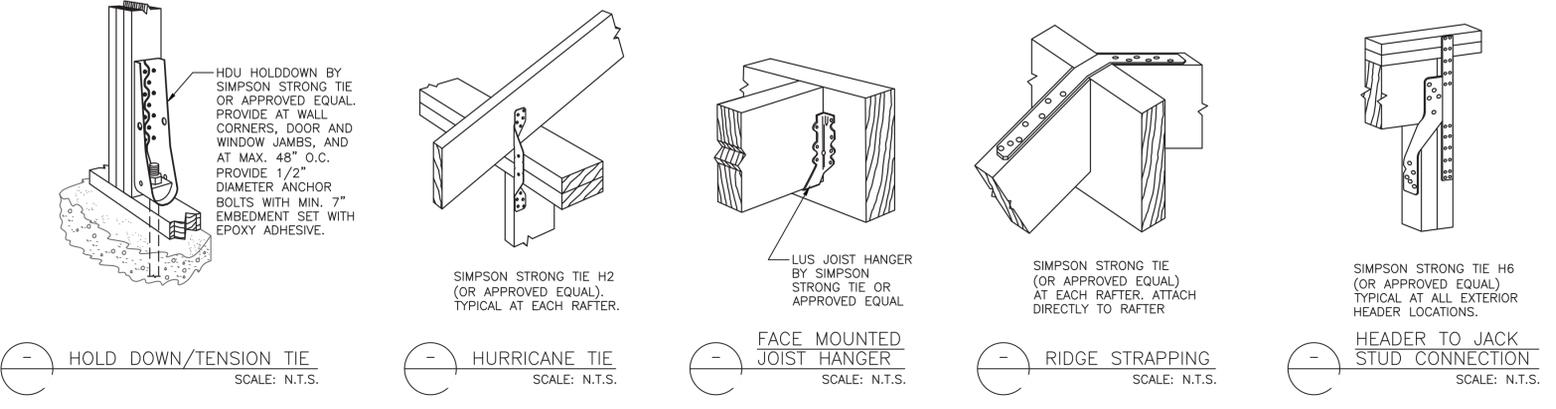
CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

RECORD DRAWING CERTIFICATION
 AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES
 WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING
INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
SECTION AND DETAILS

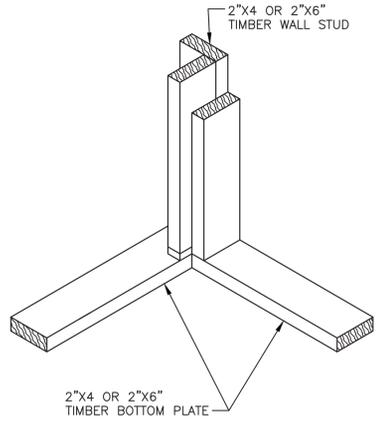
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22-523	K-S-11
DWG NO.:	SCALE: AS SHOWN
DATE: 8/23/2022	508 of 664
DPW FILE NUMBER 1-118-S-1287-0	REV. NO. 0



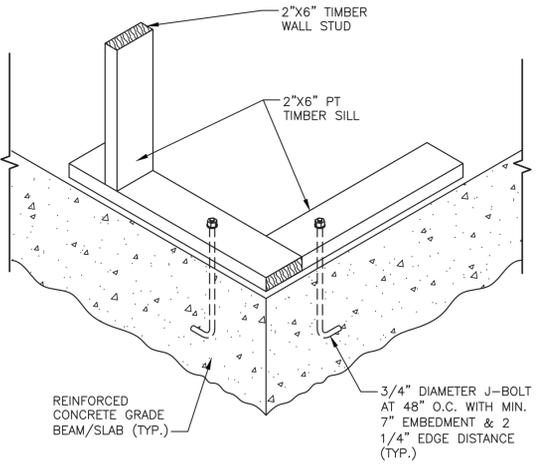
F DETAIL WALL ELEVATION
SCALE: N.T.S.



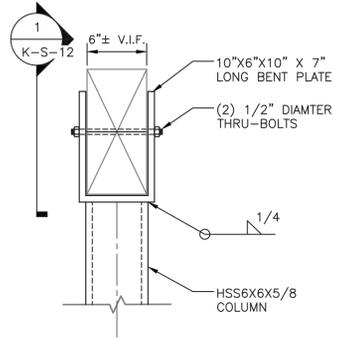
HOLD DOWN/TENSION TIE SCALE: N.T.S.
HURRICANE TIE SCALE: N.T.S.
FACE MOUNTED JOIST HANGER SCALE: N.T.S.
RIDGE STRAPPING SCALE: N.T.S.
HEADER TO JACK STUD CONNECTION SCALE: N.T.S.



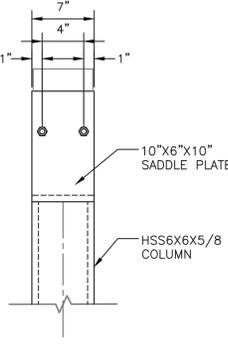
B TYPICAL STUDS AT CORNERS DETAIL
SCALE: N.T.S.



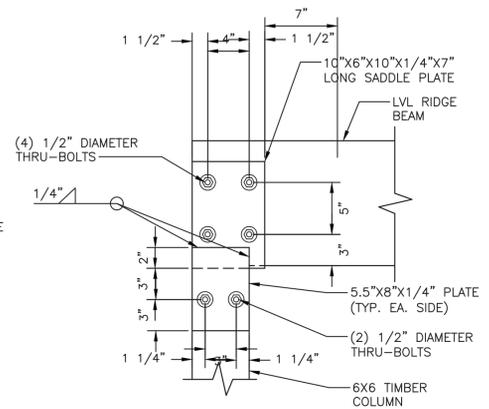
TYPICAL FLOOR FRAMING DETAIL
SCALE: N.T.S.



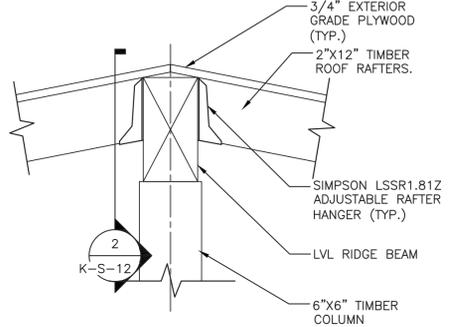
A DETAIL
K-S-12 1\"/>



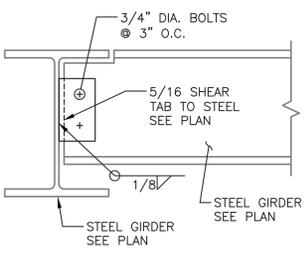
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K-S-12 1\"/>



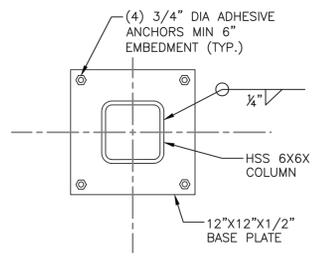
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K-S-12 SCALE: 1 1/2\"/>



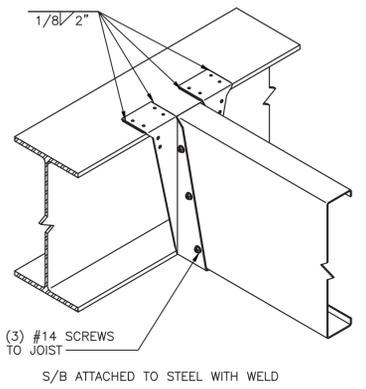
B DETAIL
K-S-10 SCALE: N.T.S.



DETAIL
1 1/2\"/>



2 SECTION
K-S-10 SCALE: N.T.S.

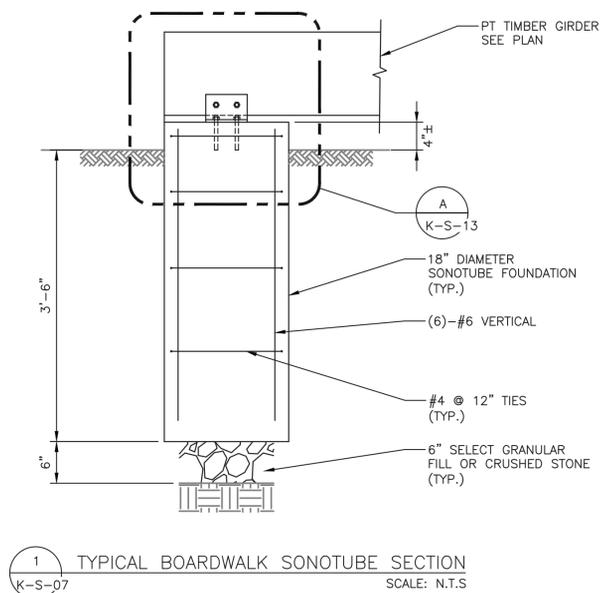


DETAIL
SCALE: N.T.S.

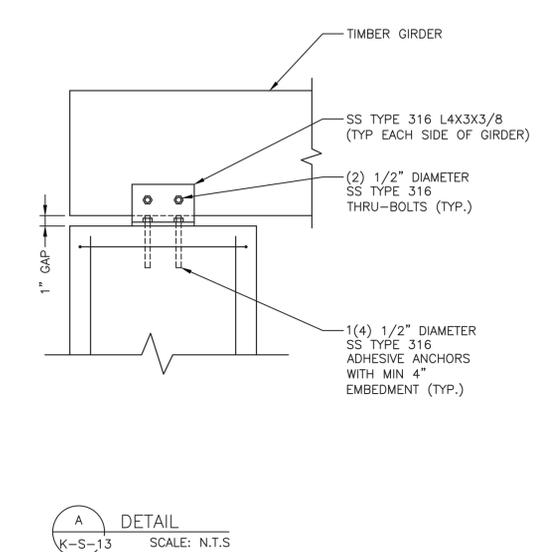
- NOTES:
- FOR STRUCTURAL NOTES, SEE DRAWING K-S-01.
 - FOR STRUCTURAL ABBREVIATIONS AND SYMBOLS, SEE DRAWING K-S-02.

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 Date: 8/23/2022 1:09 PM
 Designer: J. Castro
 Project: 211001F02
 Title: 1001F02 Comments
 Printed by: J. Castro
 Date: 19 August 2022 1:09 PM
 Designed by: J. Castro
 Project: 211001F02
 Title: 1001F02 Comments
 Xrefs: [1B-24436-WestchesterCo_3.dwg] [TSC-SULCO.dwg] [K-S-1016.dwg] [K-A-20.dwg]

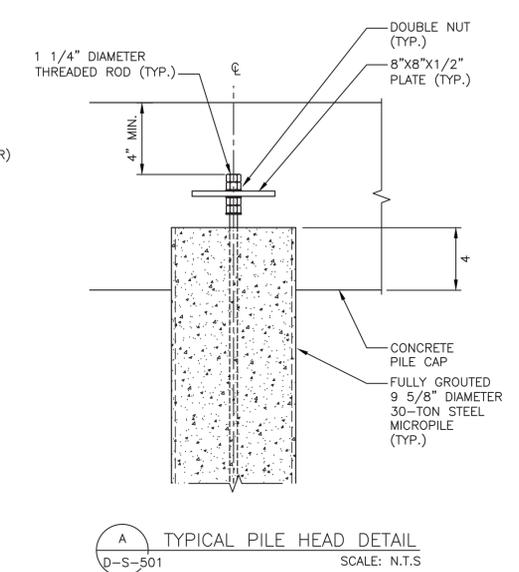
CONSULTANT INFORMATION  				RECORD DRAWING CERTIFICATION <input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES				WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING				CONTRACT NUMBER: 22-523 SHEET NUMBER: K-S-12	
REVISION NUMBER DATE MADE BY APP'D BY REVISION				CONTRACTOR: NAME _____ SIGNATURE _____ TITLE _____ DATE _____				INFRASTRUCTURE REHABILITATION - PHASE 3 PLAYLAND PARK, RYE, NEW YORK RESTAURANT KITCHEN WITH FOOD VENDING SECTIONS AND DETAILS				DWG NO.: 599 of 664 SCALE: AS SHOWN DATE: 8/23/2022 DPW FILE NUMBER: 1-118-S-1288-0 REV. NO.: 0	



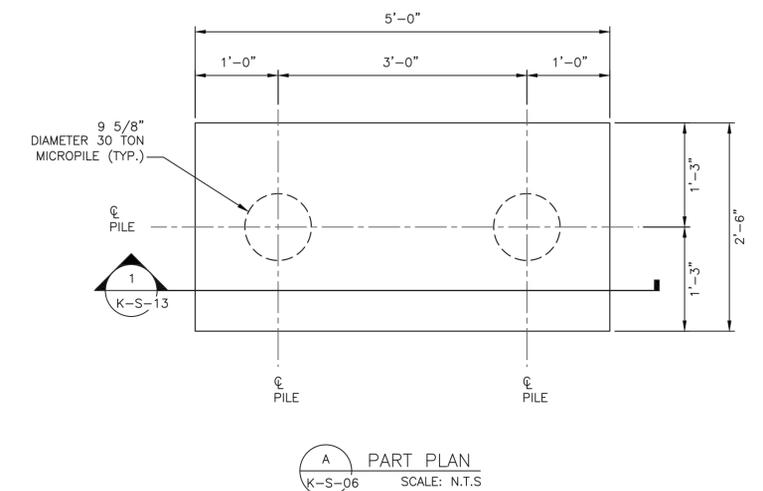
1 TYPICAL BOARDWALK SONOTUBE SECTION
K-S-07 SCALE: N.T.S.



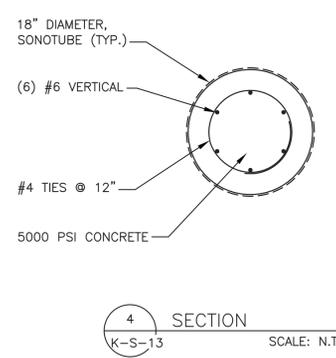
A DETAIL
K-S-13 SCALE: N.T.S.



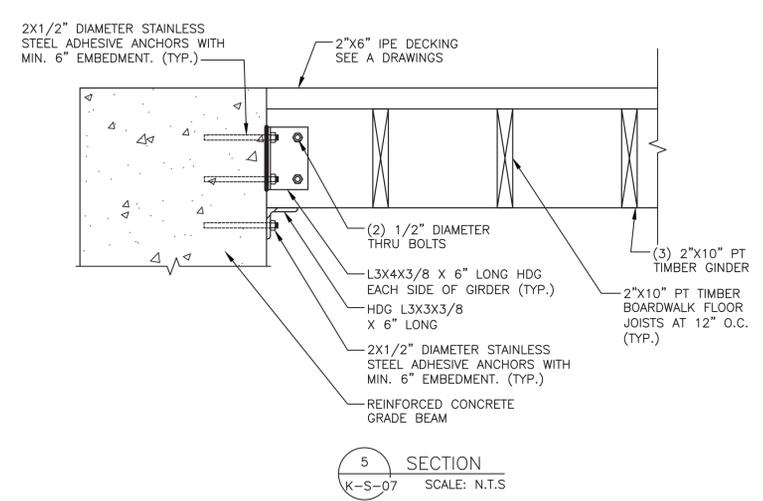
A TYPICAL PILE HEAD DETAIL
D-S-501 SCALE: N.T.S.



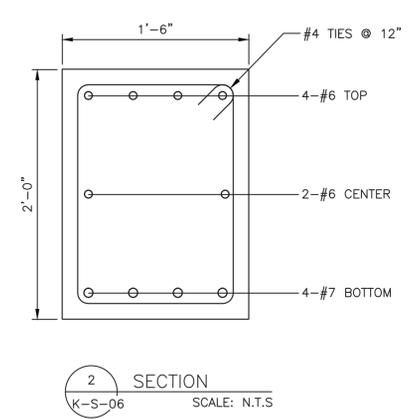
A PART PLAN
K-S-06 SCALE: N.T.S.



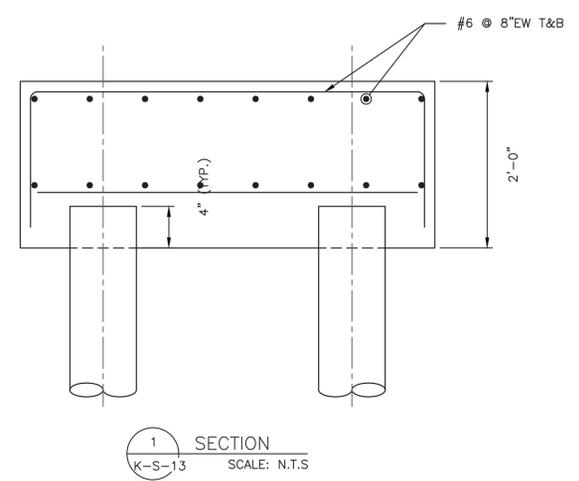
4 SECTION
K-S-13 SCALE: N.T.S.



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



2 SECTION
K-S-06 SCALE: N.T.S.



1 SECTION
K-S-13 SCALE: N.T.S.

BASIC DEVELOPMENT LENGTH AND SPLICE LENGTH										
FOR BARS IN TENSION										
fy = 60,000 psi				fc = 4000 psi OR GREATER, NORMAL WEIGHT CONCRETE						
BASIC DEVELOPMENT LENGTH ** l d				BAR SIZE	CLASS B SPLICE LENGTH ** 1.3 x l d					
CLEAR SPACING > 3"		CLEAR SPACING < 3"			CLEAR SPACING > 3"			CLEAR SPACING < 3"		
BASIC	TOP *	BASIC	TOP *	BASIC	TOP *	BASIC	TOP *	BASIC	TOP *	
1'-0"	1'-4"	1'-9"	2'-2"	#3	1'-4"	1'-9"	2'-2"	2'-11"		
1'-4"	1'-8"	2'-2"	2'-9"	#4	1'-8"	2'-2"	2'-9"	3'-7"		
1'-8"	2'-2"	2'-10"	3'-7"	#5	2'-2"	2'-10"	3'-7"	4'-8"		
2'-0"	2'-6"	3'-3"	4'-2"	#6	2'-6"	3'-3"	4'-2"	5'-5"		
3'-6"	4'-7"	5'-11"	7'-7"	#7	4'-7"	5'-11"	7'-7"	9'-11"		
4'-0"	5'-2"	6'-9"	8'-8"	#8	5'-2"	6'-9"	8'-8"	11'-4"		
4'-6"	5'-10"	7'-7"	9'-10"	#9	5'-10"	7'-7"	9'-9"	12'-9"		
5'-0"	6'-5"	8'-6"	11'-10"	#10	6'-5"	8'-6"	11'-0"	13'-7"		
5'-7"	7'-4"	9'-5"	12'-6"	#11	7'-4"	9'-5"	12'-6"	14'-9"		

NOTES:
 * TOP REINFORCEMENT IS HORIZONTAL REINFORCEMENT SO PLACED THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE REINFORCEMENT
 ** LENGTHS SHOWN IN CHART SHALL BE MODIFIED WHERE REQUIRED TO CONFORM TO THE PROVISIONS OF ACI 318, SECTION 12.2
 *** UNCOATED REINFORCEMENT

DEVELOPMENT LENGTH OF STANDARD HOOKS		
FOR BARS IN TENSION		
fy = 60,000 psi fc = 4000 psi OR GREATER, NORMAL WEIGHT CONCRETE		
BAR SIZE	DEVELOPMENT LENGTH, l dh	
	BASIC	W/CONC. COVER *
#3	8"	6"
#4	10"	7"
#5	1'-0"	9"
#6	1'-3"	11"
#7	1'-5"	1'-0"
#8	1'-7"	1'-2"
#9	1'-10"	1'-4"
#10	2'-1"	1'-6"
#11	2'-3"	1'-7"

NOTES:
 * SIDE COVER NORMAL TO PLANE OF HOOK AT LEAST 2 1/2"; AND FOR 90° HOOK, END COVER BEYOND OUTSIDE END OF HOOK AT LEAST 2".
 ** UNCOATED REINFORCEMENT

- NOTES:
 1. FOR STRUCTURAL NOTES, SEE DRAWING K-S-01.
 2. FOR STRUCTURAL ABBREVIATIONS AND SYMBOLS, SEE DRAWING K-S-02.

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 Printed by: jcastro Date: 19 August 2022 1:09 PM Designed by: ---
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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
 RESTAURANT KITCHEN WITH FOOD VENDING
 SECTIONS AND DETAILS**

CONTRACT NUMBER 22-523	SHEET NUMBER K-S-13
DWG NO.: 540 of 664	SCALE: AS SHOWN
DATE: 8/23/2022	REV. NO. 0
DPW FILE NUMBER: 1-118-S-1289-0	

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
○ ₂			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)
xxx			EQUIPMENT TAG
x			EQUIPMENT NUMBER
x			DETAIL TAG/ CALL OUT TAG
x-xxx			FIRE PROTECTION SHEET NUMBER

SHOP DWGS/EQUIPMENT SUBMITTALS

THE CONTRACTOR MUST SUBMIT ANY EQUIPMENT ALTERNATES 2 WEEKS PRIOR TO BIDS DUE FOR REVIEW AND COMMENTS. ALTERNATES MUST BE ACCEPTED BY LIRO ENGINEERS, INC., THE ARCHITECT, AND THE OWNER PRIOR TO INCLUSION IN BID. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE EQUIPMENT ALTERNATES WITH OTHER TRADES AND MAKE ADJUSTMENTS TO THE MECHANICAL SYSTEMS, AS REQUIRED, TO ACCOMMODATE THESE NEW ALTERNATES.

THE CONTRACTOR IS RESPONSIBLE TO SUBMIT ALL OF THE FOLLOWING ITEMS FOR REVIEW/APPROVAL BY NO MORE THAN 3 WEEKS AFTER THE CONTRACTOR'S CONTRACT/BID HAS BEEN AWARDED. ALL SUBMITTALS MUST BE SENT TOGETHER AS A **SINGLE PACKAGE** WITH MANUFACTURER'S SPECIFIC MODELS AND SPECIFICATIONS OUTLINED TO MATCH THE SCHEDULED REQUIREMENTS. EACH SUBMITTAL MUST BE LABELED WITH THE UNIT DESIGNATION USED WITHIN THIS DRAWING SET. IF THE SUBMITTAL PACKAGE IS FOUND TO BE INCOMPLETE UPON RECEIPT, THE PACKAGE WILL BE HELD AND WILL NOT BE REVIEWED UNTIL THE REMAINDER OF THE PACKAGE IS RECEIVED. SIX (6) HARD COPIES OF THE SUBMITTAL PACKAGE MUST BE SENT TO LIRO ENGINEERS, INC. DIGITAL SHOP DRAWING SUBMISSIONS ARE ACCEPTABLE.

SCOPE OF WORK:

1. THE INSTALLATION OF NEW DRY FS EQUIPMENT.
2. PROPOSED FIRE SPRINKLER HEAD LOCATIONS AND PIPING ARE AS NOTED ON PLANS. EXACT PIPING FROM THE FIRE SPRINKLER MAIN TO ALL HEADS IS TO BE COORDINATED AND HYDRAULICALLY CALCULATED BY THE F.S.C. & SUBMITTED TO THE ENGINEER FOR APPROVAL.

NOTE: THIS SCOPE OF WORK DESCRIPTION IS PROVIDED TO GIVE AN OVERALL "MACRO" DESCRIPTION OF THIS PROJECT. F.S.C. IS RESPONSIBLE TO REVIEW ALL ENGINEERING AND ARCHITECTURAL DRAWINGS AND VISIT THE SITE IF NEEDED, PRIOR TO SUBMISSION OF BID.

SPRINKLER HEAD SCHEDULE

	MANUFACTURER	MODEL	DESCRIPTION	K-FACTOR	QUANTITY
○	RELIABLE	F1FR	DRY ORDINARY UPRIGHT SPRINKLER HEAD	5.6	15
●	RELIABLE	F1FR	WET ORDINARY CONCEALED SPRINKLER HEAD	5.6	24
⊕	TYCO	DS1	DRY ORDINARY SIDEWALL SPRINKLER HEAD	5.6	4

ABBREVIATION	
ACV	ALARM CHECK VALVE
B.O.P	BOTTOM OF PIPE
(E)	EXISTING TO REMAIN
F.S.C.	FIRE SPRINKLER CONTRACTOR
P.C	PLUMBING CONTRACTOR
TYP	TYPICAL
W/	WITH
NYS	NEW YORK STATE
UP	UNDERGROUND PIPING
W	WATER

DRAWING NOTATIONS	
○	DRAWING NOTE TAB
○	RISER DESIGNATION
⊕	POINT OF CONNECTION
○	POINT OF DISCONNECTION

DESIGN CRITERIA

1. AREA OF APPLICATION = 1950 SQ. FT
2. OCCUPANCY CLASSIFICATION = ORDINARY HAZARD GROUP 2
3. MAXIMUM COVERAGE PER SPRINKLER HEAD = 130 SQ. FT
4. DESIGN DENSITY = 0.20 GPM/SQ. FT
5. NUMBER OF SPRINKLER HEADS WITHIN AREA OF APPLICATION = 26
6. "K" FACTOR OF SPRINKLER HEADS = 5.6
7. DESIGN CRITERIA REQUIREMENTS BASED ON:
 - 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
K-FP-01	FIRE PROTECTION NOTES, SYMBOLS, ABBREVIATIONS, AND DRAWING LIST	0	-
K-FP-11	FIRE PROTECTION GROUND FLOOR DEMOLITION PLAN	0	-
K-FP-21	FIRE PROTECTION GROUND FLOOR AND ATTIC CONSTRUCTION RCP	0	-
K-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
RESTAURANT KITCHEN WITH FOOD VENDING
FIRE PROTECTION NOTES, SYMBOLS, ABBREVIATIONS & DWG LIST

CONTRACT NUMBER

22-523

DWG NO.: 541 of 664

SCALE: AS INDICATED

DATE: 08/23/2022

DPW FILE NUMBER 1-118-FP-1290-0

REV. NO. 0

SHEET NUMBER

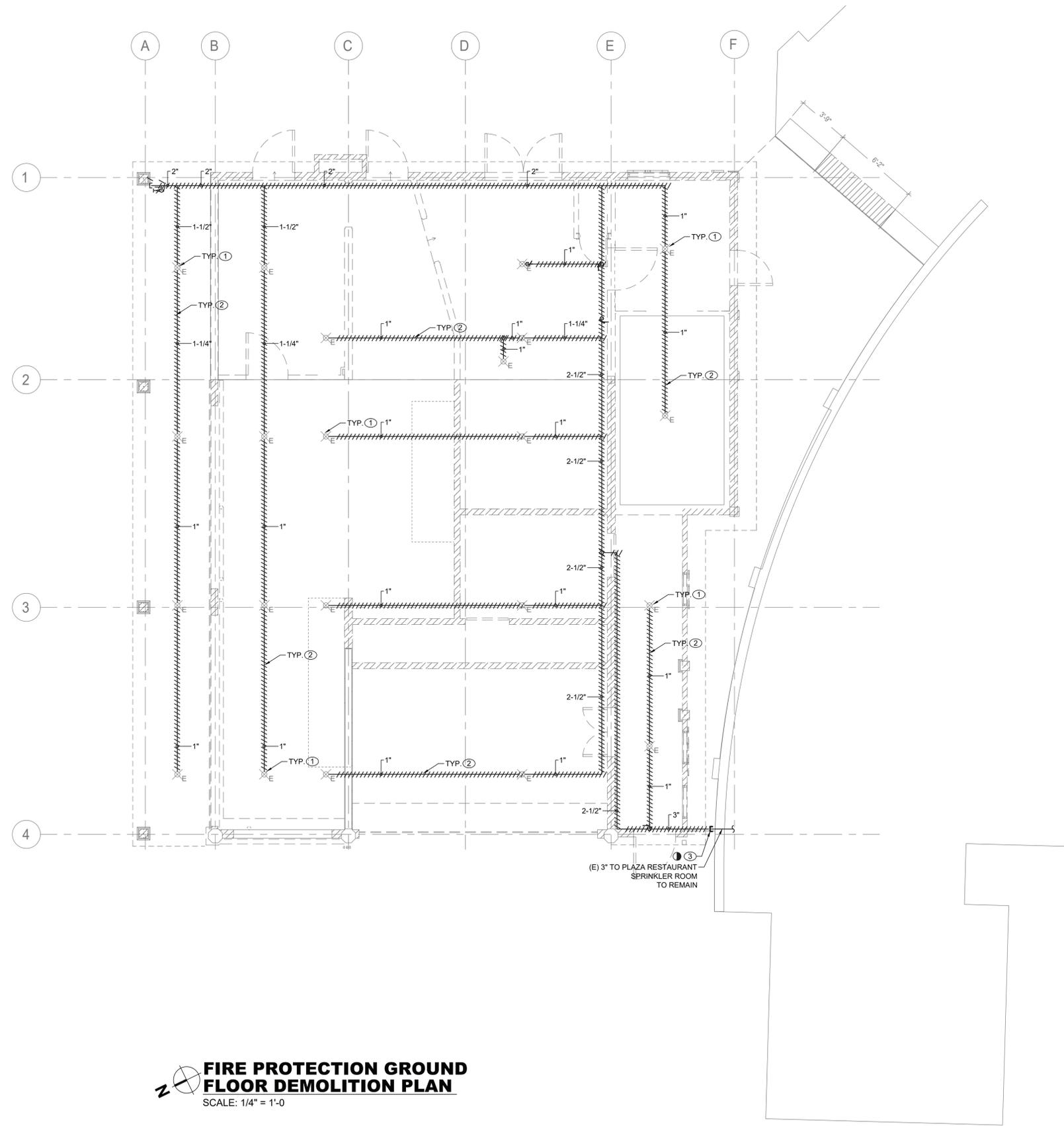
K-FP-01

SPRINKLER DEMOLITION NOTES:

- ① DEMOLISH ALL EXISTING SPRINKLER HEADS WITHIN THE NATHAN'S BUILDING.
- ② DEMOLISH ALL EXISTING DRY SPRINKLER PIPING WITHIN THE NATHAN'S BUILDING INCLUDING ATTIC SPACE.
- ③ CUT AND TEMPORARY CAP EXISTING 3" DRY SPRINKLER LINE FOR FUTURE RECONNECTION.

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.



FIRE PROTECTION GROUND FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-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
RESTAURANT KITCHEN WITH FOOD VENDING
FIRE PROTECTION GROUND FLOOR DEMOLITION PLAN

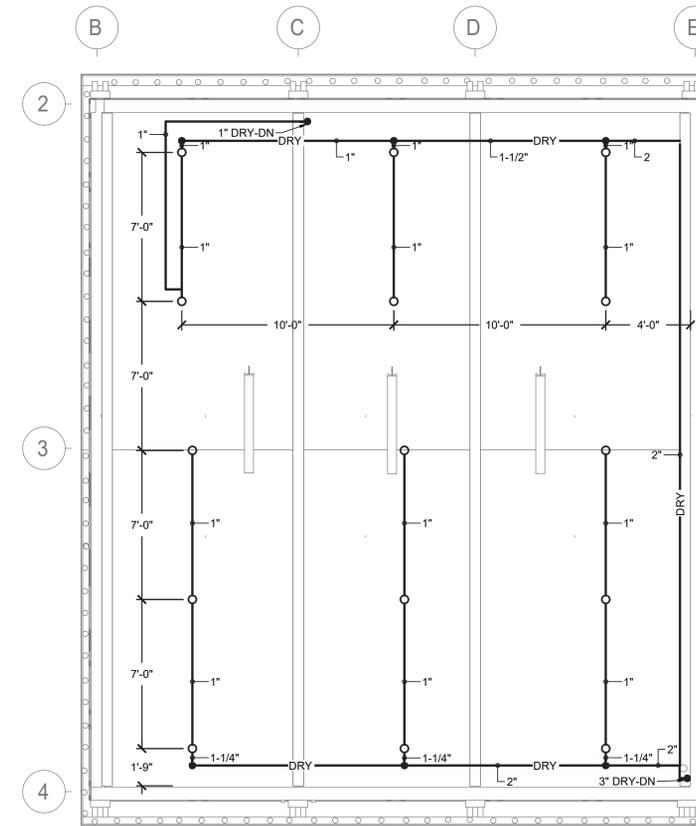
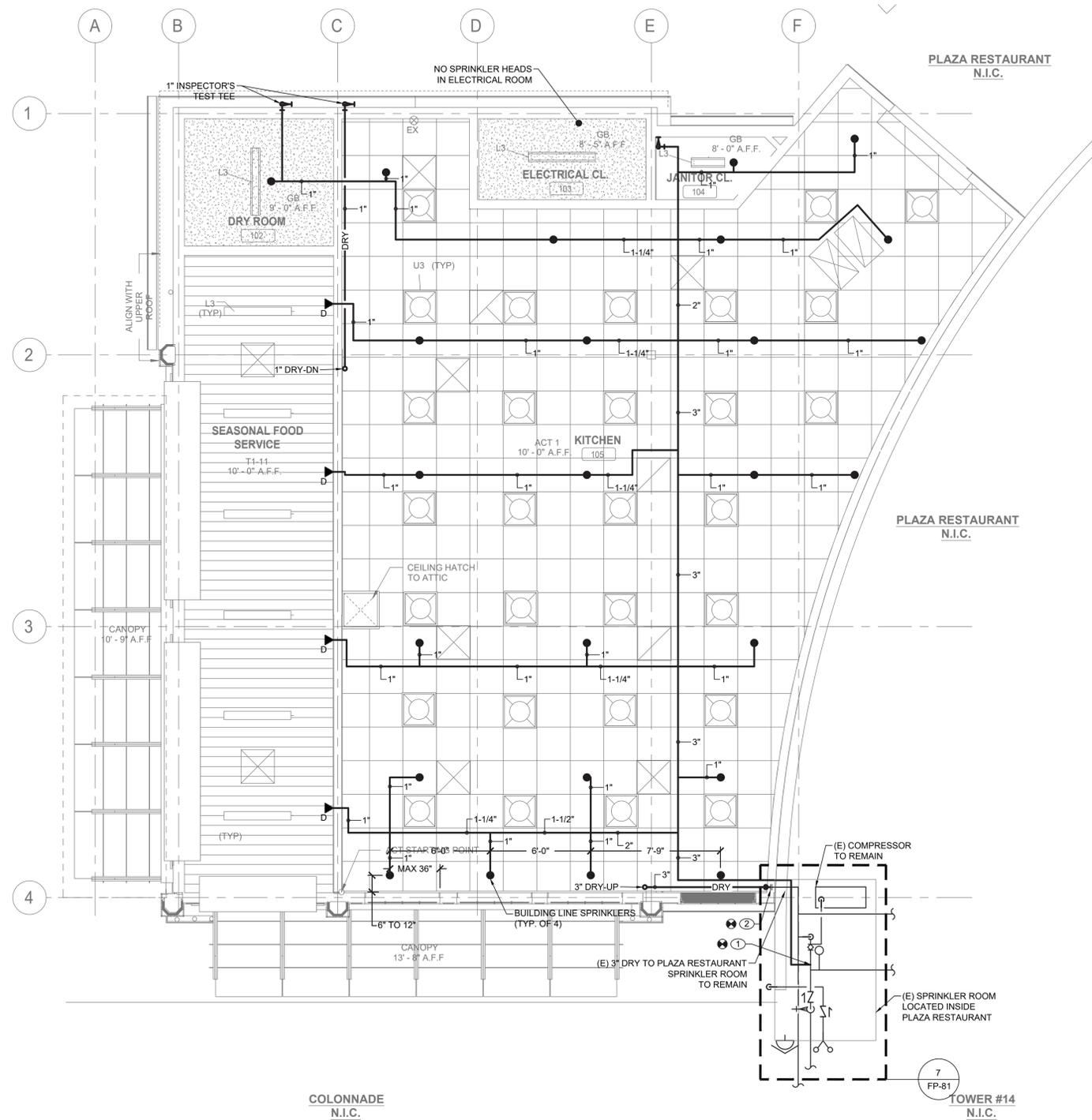
CONTRACT NUMBER 22-523	SHEET NUMBER K-FP-11
DWG NO.: 542 of 664	SCALE: AS INDICATED
DATE: 08/23/2022	REV. NO.: 0
DPW FILE NUMBER 1-118-FP-1291-0	

FIRE PROTECTION CONSTRUCTION NOTES:

- ① RECONNECT NEW 3" WET SPRINKLER LINE TO EXISTING 6" LINE WITHIN SPRINKLER ROOM OF PLAZA RESTAURANT.
- ② RECONNECT NEW 3" DRY SPRINKLER LINE WITH EXISTING.

GENERAL NOTES:

- 1. ALL DISTRIBUTION PIPING, SHALL BE PAINTED AS DIRECTED BY ARCHITECT. REFER TO SPECIFICATION FOR PAINT TYPE AND APPLICATION PROCEDURE.
- 2. COORDINATE WITH FACILITY PRIOR TO SHUTDOWN OF FIRE PROTECTION SYSTEM FOR ANY DEMOLITION AND CONSTRUCTION WORK.
- 3. CONTRACTOR SHALL PROVIDE FIRE WATCH AS NEEDED FOR ALL AFFECTED BUILDINGS WHILE SPRINKLER COVERAGE IS IMPACTED.
- 4. CONTRACTOR TO COORDINATE WITH FACILITY WHEN WORKING AROUND OR ABOVE THE RIDE COMPONENTS, AND PROVIDE ALL NECESSARY MEASURES TO PROTECT THESE COMPONENTS PER THE REQUIREMENTS OF THE FACILITY.
- 5. UPON COMPLETION, SYSTEM SHALL BE TESTED FOR PROPER OPERATION.



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

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

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

CONSULTANT SEAL
 STATE OF NEW YORK
 PROFESSIONAL ENGINEER
 Frank J. Wise
 No. 099111111
 EXPIRES 12/31/2023

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

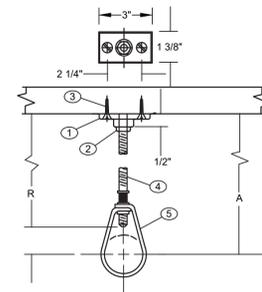
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CONTRACTOR	PROJECT COORDINATOR
NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____
TITLE _____ DATE _____	TITLE _____ DATE _____

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

INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
FIRE PROTECTION GROUND FLOOR AND ATTIC CONSTRUCTION RCP

CONTRACT NUMBER 22-523	SHEET NUMBER K-FP-21
DWG NO.: 543 of 664	SCALE: AS INDICATED
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DPW FILE NUMBER 1-118-FP-1292-0	



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

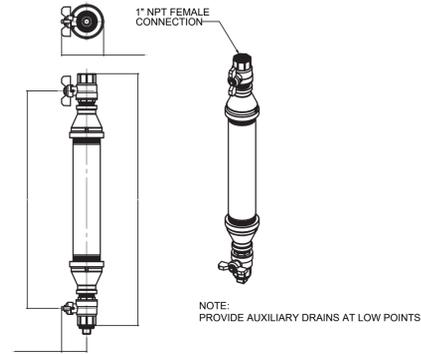
- NFPA REQUIREMENTS / LIMITATIONS**
1. NFPA 13 PERMITS THE USE OF 2 SCREW CEILING FLANGES ONLY
 2. HAVING DIMENSIONS NOT LESS THAN THOSE OF NO. 18 X 1 1/2" WOOD SCREWS. DRIVE SCREWS AND NAILS ARE NOT ACCEPTABLE FASTENERS AND WOOD SCREWS ARE NOT TO BE DRIVEN.
 3. FOR PIPE SIZES UP TO 2" AND IT CALLS FOR 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 3/8" HEX NUT
3/4	3 3/4	-1 1/4	"	1	SEE ABOVE
				1	"
				1	"
				1	"
1 1/4	4	-1 1/2	"		
1 1/2	4	-1 1/2	"		
2	4 1/4	-1 3/4	"		

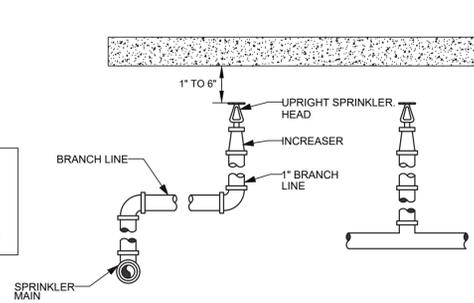
1 PIPE HANGER DETAIL

FP-81 SCALE: NOT TO SCALE



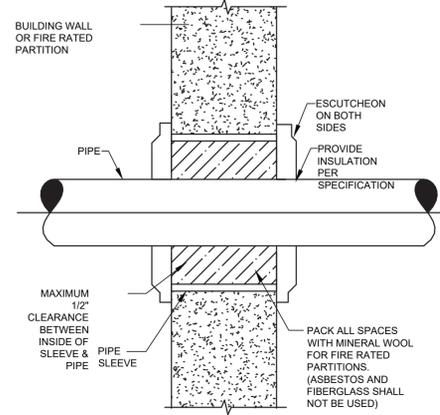
6 DRY SYSTEM AUXILIARY DRAIN

FP-81 SCALE: NOT TO SCALE



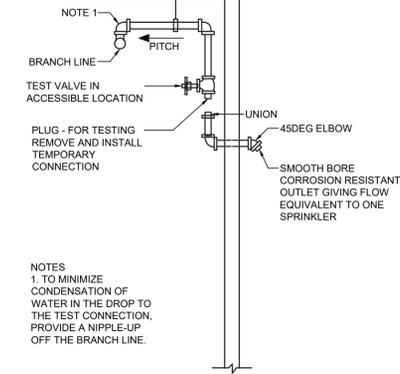
2 UPRIGHT SPRINKLER DETAIL

FP-81 SCALE: NOT TO SCALE



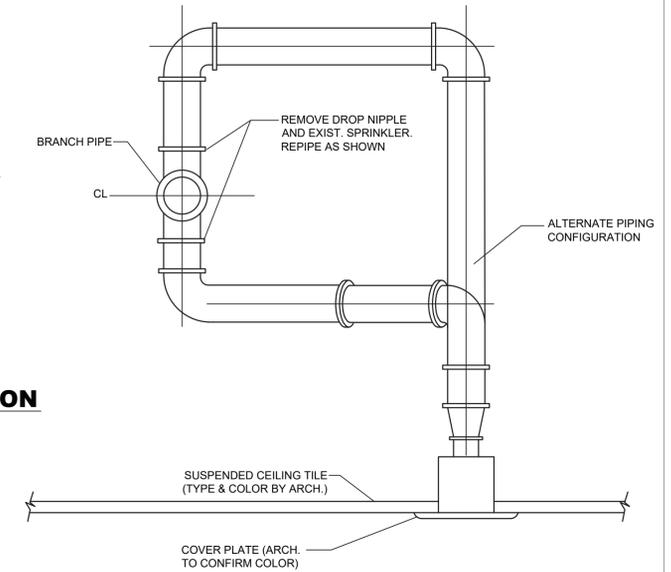
3 PIPE PENETRATION

FP-81 SCALE: NOT TO SCALE



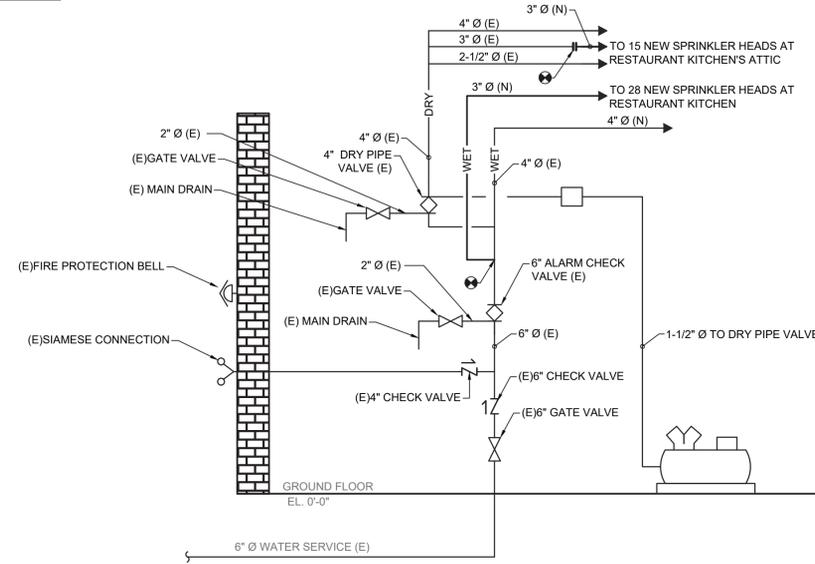
4 DRY PIPE TEST CONNECTION

FP-81 SCALE: NOT TO SCALE



5 TYPICAL SPRINKLER HEAD RELOCATION

FP-81 SCALE: NOT TO SCALE



GENERAL NOTES:

1. ALL DISTRIBUTION PIPING, INCLUDING PIPING NOT BEING REPLACED, SHALL BE (RE)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 THE BUILDING WHILE SPRINKLER COVERAGE IS IMPACTED.
4. UPON COMPLETION OF NEW EQUIPMENT, SYSTEM SHALL BE TESTED FOR PROPER OPERATION.
5. 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.

7 PLAZA RESTAURANT SPRINKLER ROOM RISER - CONSTRUCTION

FP-81 SCALE: NOT TO SCALE

CONSULTANT INFORMATION



CONSULTANT SEAL



REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
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INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
FIRE PROTECTION DETAILS

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PLUMBING SYMBOL LIST	
IDENTIFIER	DESCRIPTION
— CW —	DOMESTIC COLD WATER
— W —	WASTE PIPING (ABOVE SLAB)
— W —	WASTE PIPING (UNDER SLAB)
— S —	SANITARY PIPING (ABOVE SLAB)
— S —	SANITARY PIPING (UNDER SLAB)
— V —	SANITARY VENT PIPING
	FIELD CONNECT
	FIELD DISCONNECT
	REFER TO SUPPLEMENTAL FIGURE INDICATED BY NUMBER (I.E. F2 REFERS TO FIGURE 2)
	EQUIPMENT TAG
	EQUIPMENT NUMBER
	DETAIL TAG/CALL OUT TAG
	PLUMBING SHEET NUMBER

PIPING ELEMENTS/VALVING	
	BACKFLOW PREVENTER (DOUBLE CHECK VALVE ASSEMBLY)
	BALL VALVE
	CAP ON END OF PIPE
	CLEANOUT
	FLOOR DRAIN
	GATE VALVE
	HOSE BIBB
	VALVE IN VALVE BOX
	PIPE DROPPING DOWN
	PIPE RISING UP
	TEE OUTLET DOWN
	TEE OUTLET UP
	VALVE IN RISE OR DROP
	NON FREEZE HOSE BIBB IN BOX W/VACUUM BREAKER

SCOPE OF WORK	
PLUMBING SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO:	
1. REMOVAL OF EXISTING WATER SERVICE.	
2. THE INSTALLATION OF NEW PLUMBING FIXTURES AND ALL ASSOCIATED PIPING AND ACCESSORIES.	
3. THE INSTALLATION OF NEW SANITARY AND DOMESTIC WATER SERVICES.	
NOTE: THIS SCOPE OF WORK DESCRIPTION IS PROVIDED TO GIVE AN OVERALL "MACRO" DESCRIPTION OF THIS PROJECT. P.C. IS RESPONSIBLE TO REVIEW ALL ENGINEERING & ARCHITECTURAL DRAWINGS & VISIT THE SITE IF NEEDED, PRIOR TO SUBMISSION OF BID.	

CODE REFERENCE	
2020 NEW YORK STATE BUILDING CODE	
2020 NEW YORK STATE MECHANICAL CODE	
2020 NEW YORK STATE PLUMBING CODE	
2020 NEW YORK STATE ENERGY CONSERVATION CODE	

SECTION 704 DRAINAGE PIPING INSTALLATION	
704.1 SLOPE OF HORIZONTAL DRAINAGE PIPING.	
HORIZONTAL DRAINAGE PIPING SHALL BE INSTALLED IN UNIFORM ALIGNMENT AT UNIFORM SLOPES. THE MINIMUM SLOPE OF HORIZONTAL DRAINAGE PIPE SHALL BE IN ACCORDANCE WITH TABLE 704.1.	
TABLE 704.1 SLOPE OF HORIZONTAL DRAINAGE PIPE	
SIZE (INCHES)	MINIMUM SLOPE (INCH PER FOOT)
2 1/2 OR LESS	1/4
3 TO 6	1/8
8 OR LARGER	1/16

LEED NOTES	
1. ALL ADHESIVES, SEALANTS, PAINTS & COATINGS APPLIED TO THE INTERIOR OF THE BUILDING (WITHIN THE WEATHER PROOFING SYSTEM, INCLUDING WALL CAVITIES) MUST NOT EXCEED THE LEED VOC LIMITS. PROVIDE A VOC SUBMITTAL AND MSDS FOR ALL ADHESIVES, SEALANTS, PAINTS AND COATINGS TO BE APPLIED.	

PLUMBING GENERAL NOTES:	
1.	ALL PLUMBING WORK UNDER THIS CONTRACT SHALL CONFORM TO THE LATEST EDITION OF THE PLUMBING CODE OF NEW YORK STATE (PC-NYS), THE NEW YORK STATE ENERGY CODE, AND THE REQUIREMENTS OF THE UTILITY AND THE LOCAL WATER COMPANY.
2.	ALL MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE.
3.	THE PLUMBING CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ALL LABOR AND MATERIALS SUPPLIED AND INSTALLED UNDER THIS CONTRACT AND SHALL GUARANTEE THE WORK PERFORMED UNDER THIS CONTRACT FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF ACCEPTANCE OF THIS WORK.
4.	PLUMBING CONTRACTOR SHALL CONSULT WITH, COOPERATE AND COORDINATE WITH THE GENERAL CONTRACTOR, MECHANICAL CONTRACTOR, SPRINKLER CONTRACTOR, ELECTRICAL CONTRACTOR, ETC. IN ORDER TO MINIMIZE INTERFERENCES BETWEEN TRADES DURING PERFORMANCE OF THIS WORK.
5.	THE PLUMBING CONTRACTOR SHALL PREPARE AND FILE ALL REQUIRED PLANS AND PERMITS WITH THE LOCAL AUTHORITIES. PC SHALL PAY THE FILING FEES AS REQUIRED. PC SHALL OBTAIN ALL APPROVALS AND SHALL PAY FOR ALL WORK PERMITS, INSPECTIONS AND SIGN-OFFS AS REQUIRED TO EXECUTE THIS WORK IN A MANNER IN CONFORMANCE WITH THE CODES AND AUTHORITIES HAVING JURISDICTION.
6.	THE PLUMBING CONTRACTOR SHALL PERFORM ALL TESTS AND ARRANGE FOR ALL INSPECTIONS FOR WORK UNDER HIS CONTRACT AS REQUIRED BY LAW AND SHALL SUPPLY ALL CERTIFICATES OF INSURANCE AS REQUIRED BY THE LAW AND THE OWNER. REFER TO SECTION 107 (INSPECTIONS) OF THE PC-NYS.
7.	THE PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO ALL PLUMBING EQUIPMENT REGARDLESS WHETHER ILLUSTRATED HEREIN WITHOUT ANY ADDITIONAL COSTS TO THE OWNER.
8.	PLUMBING CONTRACTOR SHALL VISIT THE SITE & BECOME FAMILIAR WITH THE EXISTING CONDITIONS, INCLUDING THE SIZE OF CONNECTIONS, ROUGHING DIMENSIONS, ETC. BEFORE SUBMITTING A QUOTATION FOR THE WORK.
9.	PLUMBING CONTRACTOR SHALL PERFORM ALL CUTTING, EXCAVATION, BACKFILLING, ROUGH & FINISH PATCHING AS PER THE SPECIFICATIONS AS REQUIRED FOR THE INSTALLATION OF THE WORK, UNLESS NOTED OTHERWISE.
10.	ALL CONNECTIONS TO NEW AND/OR EXISTING EQUIPMENT SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
11.	IT IS THE INTENT OF THIS CONTRACT THAT THE COMPLETED WORK BE FULLY OPERATIONAL.
12.	ALL PIPE HANGERS AND SUPPORTS SHALL BE INSTALLED AT INTERVALS AND BE FABRICATED OF MATERIALS AS REQUIRED BY THE PC-NYS.
13.	ALL NEW PLUMBING FIXTURES SHALL BE INSTALLED WITH ANGLE STOP VALVES IN THE SUPPLY LINES SERVING THE FIXTURE.
14.	ALL NEW EXPOSED WATER AND WASTE PIPING SERVING THE FIXTURES SHALL BE CHROME PLATED AND SHALL HAVE CHROME PLATED ESCUTCHEONS RIGIDLY ATTACHED TO THE PIPING AT THE POINT OF WALL OR FLOOR PENETRATIONS.
15.	PLUMBING CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL NEW PLUMBING FIXTURES AND EQUIPMENT TO BE SUPPLIED AND INSTALLED UNDER THIS CONTRACT FOR APPROVAL BEFORE INSTALLATION OF SAME.
16.	WATERPROOF PIPE SLEEVES SHALL BE INSTALLED AT ALL PENETRATIONS THROUGH EXTERIOR WALLS. PIPE SLEEVES SHALL BE INSTALLED AT ALL WALL PENETRATIONS THROUGH INTERIOR WALLS AND FLOORS.
17.	WATER HAMMER ELIMINATORS (APPROVED - FIELD FABRICATED OR MANUFACTURED) SHALL BE INSTALLED AT ALL RUN OUTS IN HOT AND/OR COLD WATER LINES SERVING TOILET ROOMS AND OTHER AREAS WHICH INCORPORATE "RAPID - ACTION" VALVES SUCH AS FLUSHMETERS, SOLENOID VALVES, ETC.
18.	ALL PIPING SHALL BE TESTED AT A MINIMUM PRESSURE OF 1-1/2 TIMES THE MAXIMUM OPERATING PRESSURE UNLESS OTHERWISE NOTED ON THE DOCUMENTS OR THE PLUMBING CODE AND IN ACCORDANCE WITH THE UTILITY REQUIREMENTS.
19.	ALL REMOVALS PERFORMED UNDER THIS CONTRACT SHALL INCLUDE REMOVAL OF ALL DEBRIS AND DISPOSAL AT AN APPROPRIATE SITE.
20.	ALL LAVATORIES DESIGNED FOR USE BY PERSONS CONFINED TO WHEELCHAIRS SHALL HAVE THE HOT & COLD WATER SERVICES, AS WELL AS THE TRAP, RECESSED & INSULATED IN ACCORDANCE WITH ADA REQUIREMENTS.
21.	REFER TO THE ARCHITECTURAL PLANS FOR ALL STRUCTURAL DIMENSIONS.
22.	ALL WORK TO BE COORDINATED WITH OTHER TRADES.
23.	ALL PIPING PENETRATIONS TO BE SEALED AROUND WITH "NELSON" FIRE SEAL.
24.	ALL WATER SERVICE PIPING WITHIN THE BUILDING IS TO BE INSULATED IN ACCORDANCE WITH ALL NEW YORK STATE PLUMBING CODE (NYS-PC) AND NYS ENERGY CODES.
25.	ALL PLUMBING FIXTURES TO BE INSTALLED AS PER FACTORY RECOMMENDATIONS.
26.	ALL PLUMBING FIXTURES TO BE TRAPPED, VENTED AND PROVIDED WITH AIR SHOCKS WHEN REQUIRED.
27.	PLUMBING FIXTURES SHALL COMPLY WITH "WATER CONSERVATION" REQUIREMENT AS DETAILED IN THE NYS-PC.
28.	GC IS RESPONSIBLE TO SUBMIT APPLICATION AND TAP FEES TO LOCAL WATER AUTHORITY AND HAVE OWNER FILL OUT APPLICATION UPON COMPLETION OF PLUMBING ROUGH-IN INSPECTION.
29.	ALL WATER AND HORIZONTAL STORM DRAIN PIPING INCLUDING ROOF DRAIN BODY SHALL BE INSULATED.
30.	FLOOR DRAINS AND FLOOR CLEAN-OUTS SHALL BE SET LEVEL WITH FINISHED FLOORS.
31.	ALL PIPE DIMENSIONS ARE INSIDE CLEAR.
32.	ALL PLUMBING FIXTURES TO HAVE ISOLATION VALVES.
33.	P.C. IS RESPONSIBLE TO ADJUST HOT WATER HEATER (WH) TEMPERATURE TO ENSURE A TEMPERATURE RANGE OF 110°F TO 120°F AT THE INDIVIDUAL FIXTURE OUTPUT. P.C. MUST ENSURE A TEMPERATURE OF 120°F MAXIMUM AT THE FIXTURES TO PREVENT SCALDING.
34.	BUILDING DOMESTIC WATER DEMAND & SIZING IS CALCULATED FROM NYS-PC SECTION 603, 604 & APPENDIX E.
35.	BUILDING SANITARY DEMAND & SIZING IS CALCULATED FROM NYS-PC SECTIONS 709 AND 710.
36.	ALL DPU CALCULATIONS ARE BASED OFF OF TABLE 709.1 OF THE NYS-PC.
37.	ALL SANITARY WATER PIPING SHALL BE PITCHED IN ACCORDANCE WITH NYS-PC SECTION 704 BASED ON TABLE 704.1 SLOPE OF HORIZONTAL DRAINAGE PIPE.
38.	ALL VENT SIZING IS BASED OFF OF SECTION 916 OF THE NYS PLUMBING CODE.
39.	ALL PLUMBING EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS/SPECIFICATIONS.

ABBREVIATIONS:	
AD	ACCESS DOOR
BFP	BACKFLOW PREVENTER
CO	CLEAN OUT
CW	COLD WATER
DCV	DOUBLE CHECK VALVE
DFU	DRAINAGE FIXTURE UNIT
DPCO	DECK PLATE CLEAN OUT
FC	FIELD CONNECT
FD	FLOOR DRAIN
FFD	FUNNEL FLOOR DRAIN
FU	FIXTURE UNIT
HW	HOT WATER
HWR	HOT WATER RETURN
IAW	IN ACCORDANCE WITH
IWFD	INDIRECT WASTE FUNNEL DRAIN
LAV	LAVATORY
JS	JANITOR'S SINK
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NYS-PC	NEW YORK STATE PLUMBING CODE
RD	ROOF DRAIN
S	SANITARY
SD	STORM DRAIN
TMV	THERMOSTATIC MIXING VALVE
U.O.N.	UNLESS OTHERWISE NOTED
UR	URINAL
V	VENT
WC	WATER CLOSET
PC	PLUMBING CONTRACTOR
MC	MECHANICAL CONTRACTOR
TYP.	TYPICAL
VIF	VERIFY IN FIELD
WCO	WALL CLEAN OUT
WFU	WATER FIXTURE UNITS
(N)	NEW
(E)	EXISTING
(D)	DEMO

THE ABBREVIATIONS ARE SHOWN FOR GENERAL REFERENCE ONLY. THE PRESENCE OF AN ABBREVIATION ON THIS LIST DOES NOT IMPLY ITS USE ON THIS PROJECT. REFER TO DRAWINGS FOR SPECIFIC ABBREVIATIONS USED.

PLUMBING FIXTURE SCHEDULE											
MARK	DESCRIPTION	SERVICE						BASED ON:			REMARKS
		TRAP	S/W	V	CW	TW	HW	ITEM	MANUFACTURER	MODEL	
PF-5	SERVICE SINK	3"	3"	2"	1/2"	-	1/2"	FAUCET DRAIN TRIM	MUSTEE	83M	FAUCET AMERICAN STANDARD 8344.212

NOTES:
1. PROVIDE ALL REQUIRED HANGERS, MOUNTING BRACKETS, AND HARDWARE FOR A COMPLETE INSTALLATION PER MANUFACTURES INSTRUCTIONS.

ELECTRIC DOMESTIC HOT WATER HEATER SCHEDULE										
TAG	MANUFACTURER	MODEL	LOCATION	HEATER KW	STORAGE CAPACITY GAL.	STORAGE WATER TEMP SETPOINT (DEG F)	ELECTRICAL V-PH-HZ	AMPS	DIMENSION HxD (IN)	APPROX. SHIPPING WEIGHT (LBS)
WH-1	BRADFORD WHITE	LE120L3-3	JANITOR CLOSET	1.5	19	140	120-1-60	12.5	24.75x18	58

NOTES:
1. PROVIDE THE FOLLOWING FOR FD-1: CHROME PLATED STRAINER ASSEMBLY, 6" NICKEL HEAD ASSEMBLY, AND VANDAL PROOF.
2. PROVIDE BARRIER-TYPE TRAP SEAL PROTECTION DEVICE ZURN Z1072 OR APPROVED EQUAL.

FLOOR DRAIN SCHEDULE				
TAG	TYPE	MANUFACTURER	MODEL	SERVICE
FD-1	ADJUSTABLE	ZURN	FD-2320-R5	ALL SPACES

NOTES:
1. PROVIDE THE FOLLOWING FOR FD-1: CHROME PLATED STRAINER ASSEMBLY, 6" NICKEL HEAD ASSEMBLY, AND VANDAL PROOF.
2. PROVIDE BARRIER-TYPE TRAP SEAL PROTECTION DEVICE ZURN Z1072 OR APPROVED EQUAL.

REDUCED PRESSURE ZONE VALVE SCHEDULE					
TAG	MANUFACTURER	MODEL	LOCATION	SIZE (IN)	PRESSURE DROP (PSI)
RPZ-1	WATTS	LF009-S	SPRINKLER ROOM	2	10

NOTES:
1. PROVIDE STRAINER.

WALL HYDRANT SCHEDULE			
TAG	TYPE	MANUFACTURER	MODEL
NFHB	WALL HYDRANT	ZURN	Z1320XL

PLUMBING DRAWING LIST			
SHEET NO.	SHEET NAME	REVISION NO.	REVISION DATE
K-P-01	PLUMBING NOTES, SYMBOLS, ABBREVIATIONS AND DRAWING LIST	0	-
K-P-21	PLUMBING GROUND FLOOR DEMOLITION PLAN	0	-
K-P-21	PLUMBING GROUND FLOOR CONSTRUCTION PLAN	0	-
K-P-81	PLUMBING DETAILS	0	-

CONSULTANT INFORMATION

LiRo Engineers, Inc.
A LiRo Group Company
Syosset, N.Y. 516-214-8157/1

CONSULTANT SEAL

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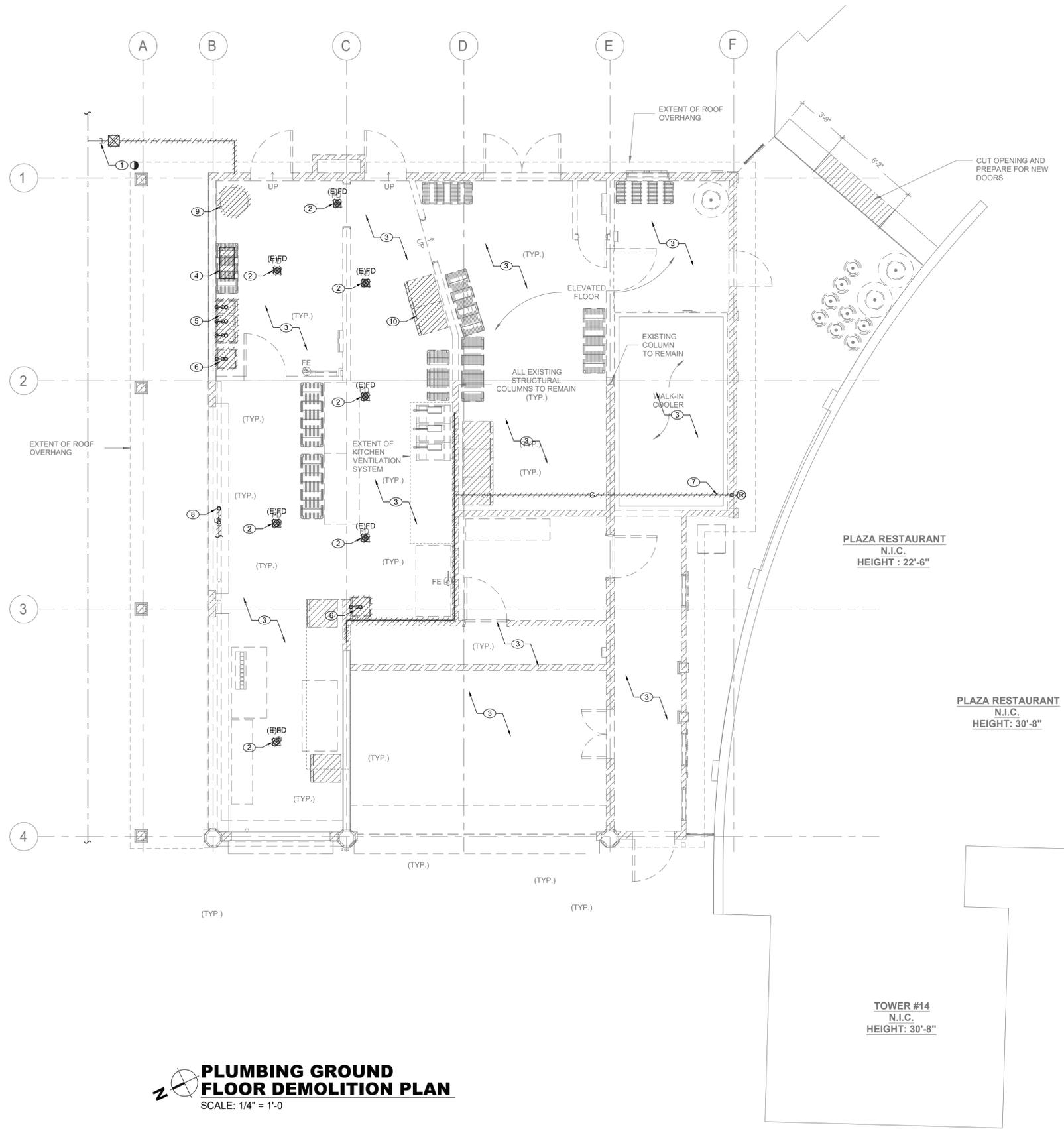
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WESTCHESTER COUNTY, NEW YORK
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**INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
PLUMBING NOTES, SYMBOLS, ABBREVIATIONS AND DRAWING LIST**

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- PLUMBING DEMOLITION NOTES:**
- ① CONTRACTOR CUT AND CAP UNDERGROUND EXISTING DOMESTIC WATER SERVICE OUTSIDE OF AREA OF WORK. REMOVE EXISTING CURB VALVE.
 - ② REMOVE EXISTING FLOOR DRAIN WITH ALL ASSOCIATED PIPING. CUT AND CAP EXISTING SANITARY PIPING BELOW FINISH FLOOR.
 - ③ CONTRACTOR TO REMOVE ALL PLUMBING FIXTURES, EQUIPMENT, PIPING AND VALVES. ABANDON EXISTING UNDERGROUND PIPING IN PLACE. SANITARY PIPING SHALL NOT HAVE UNVENTED DEAD ENDS LONGER THAN TWO FEET. REMOVE UNDERGROUND PIPING THAT IN CONFLICT WITH NEW CONSTRUCTION.
 - ④ REMOVE EXISTING GREASE INTERCEPTOR WITH ALL ASSOCIATED PIPING.
 - ⑤ REMOVE EXISTING 3-COMPARTMENT SINK WITH ALL ASSOCIATED PIPING.
 - ⑥ REMOVE EXISTING SINK WITH ALL ASSOCIATED PIPING.
 - ⑦ DISCONNECT EXISTING PROPANE LINE FROM PROPANE EQUIPMENT AND REMOVE ALL PROPANE PIPING INCLUDING VALVES AND REGULATOR. REMOVE PROPANE EQUIPMENT.
 - ⑧ REMOVE ALL EXISTING DOMESTIC WATER PIPING ABOVE FINISH FLOOR AND ABANDON BELOW FINISH FLOOR.
 - ⑨ REMOVE EXISTING ELECTRIC WATER HEATER WITH ALL ASSOCIATED PIPING.
 - ⑩ REMOVE EXISTING ICE MAKING MACHINE WITH ALL ASSOCIATED PIPING.

- GENERAL NOTES:**
1. ALL EXISTING PIPING ARE SHOWN AS A REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND SIZES FOR ALL EXISTING SERVICES PRIOR TO DEMOLITION.
 2. COORDINATE WITH FACILITY PRIOR TO SHUTDOWN OF DOMESTIC WATER SYSTEM FOR ANY DEMOLITION AND CONSTRUCTION WORK.

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

CONSULTANT INFORMATION

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

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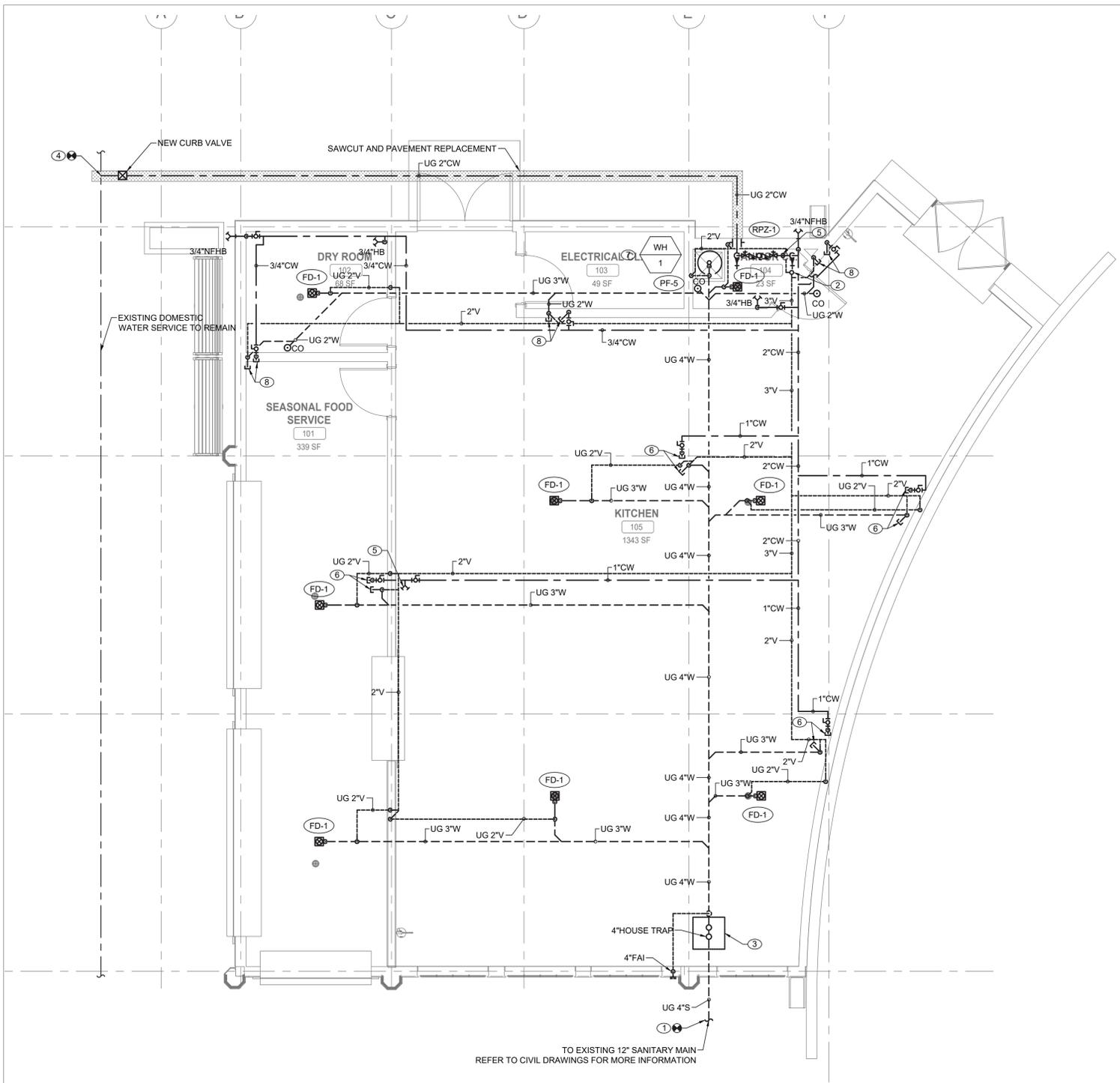
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 DIVISION OF ENGINEERING

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DWG NO.: 546 of 664	SCALE: AS INDICATED
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DPW FILE NUMBER 1-118-P-1295-0	

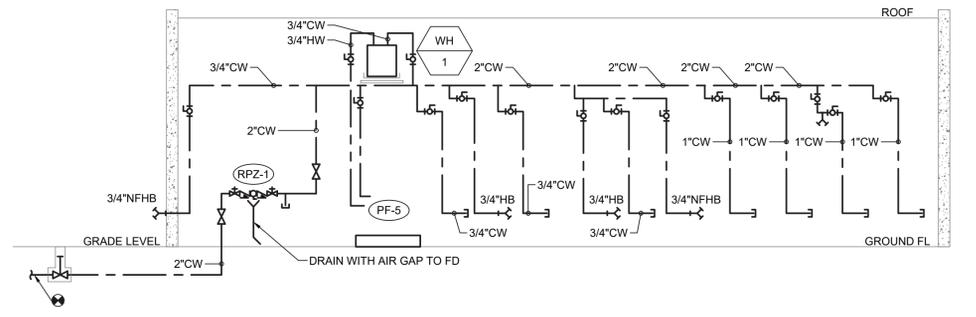


TO EXISTING 12\"/>

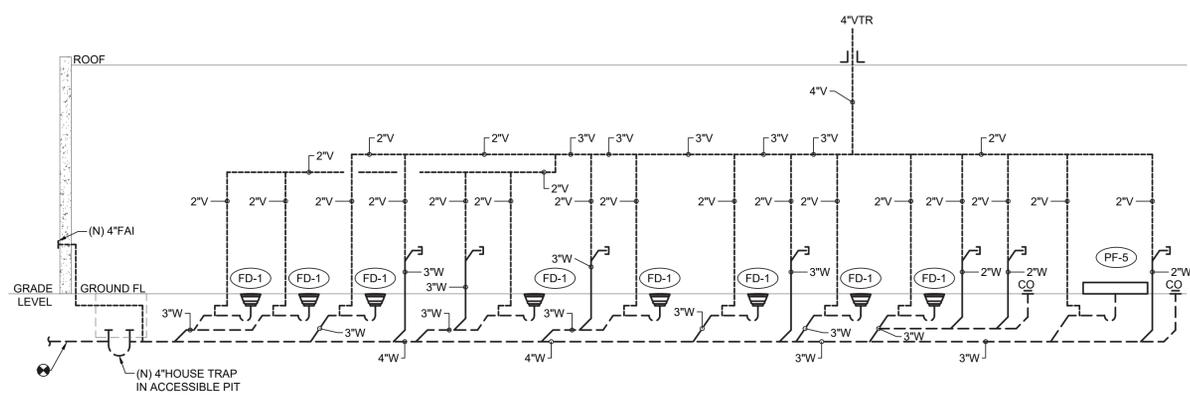
PLUMBING GROUND FLOOR CONSTRUCTION PLAN
SCALE: 1/4\"/>

- PLUMBING CONSTRUCTION NOTES:**
- CONNECT NEW 4\"/>
 - PROVIDE NEW 4\"/>
 - PROVIDE NEW 4\"/>
 - CONNECT NEW 2\"/>
 - PROVIDE A COMPRESSED AIR CONNECTION FOR WINTERIZING.
 - PROVIDE 3\"/>
 - PROVIDE NEW MOP SINK WITH P-TRAP, FAUCET, SHUTOFF VALVES AND ALL ASSOCIATED PIPING. INSTALL NEW STORAGE TYPE ELECTRIC DOMESTIC WATER HEATER FOR MOP SINK NEEDS. INSTALL WATER HEATER ABOVE MOP SINK AS HIGH AS POSSIBLE ON BRACKETS TO KEEP REQUIRED CLEARANCES FOR MAINTENANCE. PROVIDE DRIP PAN WITH DRAIN PIPING.
 - PROVIDE 2\"/>

- GENERAL NOTES:**
- COORDINATE WITH FACILITY PRIOR TO SHUTDOWN OF WATER DISTRIBUTION SYSTEM FOR ANY DEMOLITION AND CONSTRUCTION WORK.
 - PROVIDE DRAIN VALVES AT BOTTOM FOR EACH BRANCH. PROVIDE ACCESS PANELS TO ALL VALVES ABOVE CEILING AND BEHIND WALLS.
 - INSTALL NEW WATER PIPING WITH PROPER SLOPES TO AVOID WATER TRAPS DURING WINTER SEASON.
 - 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.
 - UPON COMPLETION, SYSTEM SHALL BE TESTED FOR PROPER OPERATION.
 - SEWER CROSSING WATER MAINS, CONDUITS, OR OTHER UTILITY SHALL BE MINIMUM 18\"/>



1 DOMESTIC WATER RISER DIAGRAM
SCALE: NOT TO SCALE



2 SANITARY RISER DIAGRAM
SCALE: NOT TO SCALE

CONSULTANT INFORMATION

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

CONSULTANT SEAL

STATE OF NEW YORK
FRANK F. URBSE
No. 09911111
PLUMBING PROFESSIONAL ENGINEER

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

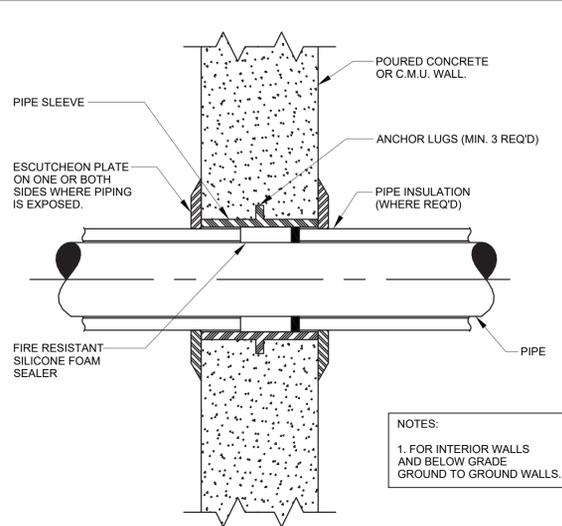
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

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

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

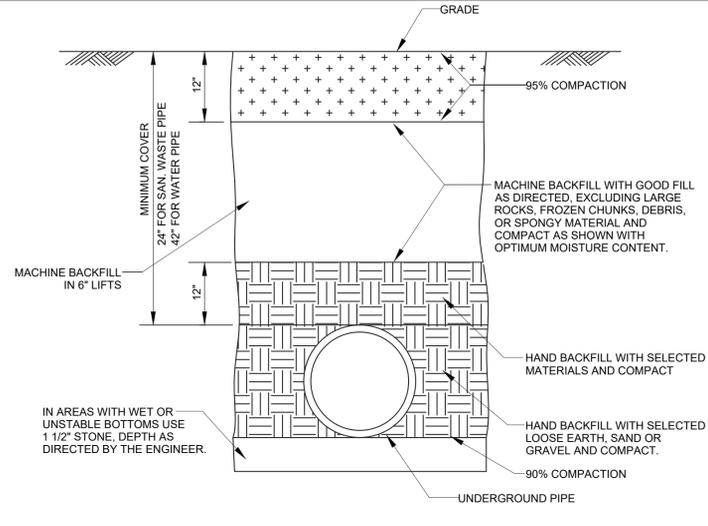
INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
PLUMBING GROUND FLOOR CONSTRUCTION PLAN

CONTRACT NUMBER 22-523	SHEET NUMBER K-P-21
DWG NO.: 547 of 664	SCALE: AS INDICATED
DATE: 08/23/2022	DPW FILE NUMBER: 1-118-P-1296-0
REV. NO.: 0	

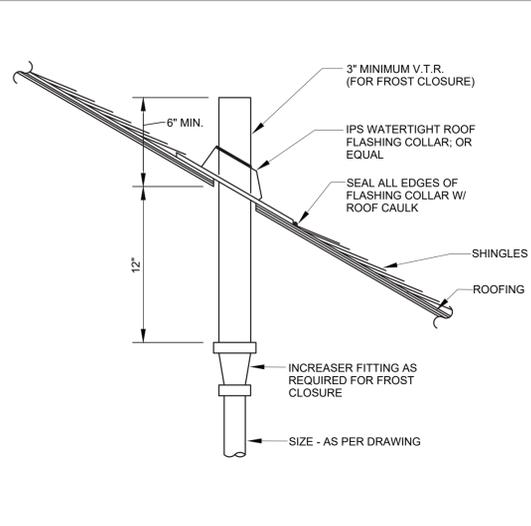


NOTES:
1. FOR INTERIOR WALLS AND BELOW GRADE GROUND TO GROUND WALLS.

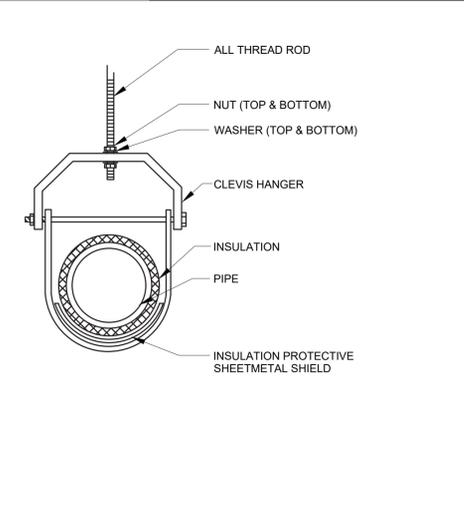
1 PIPE SLEEVE THROUGH WALL DETAIL
P-81 SCALE: NOT TO SCALE



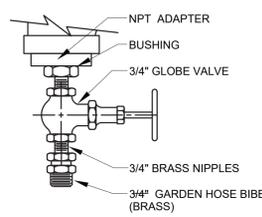
2 PIPE TRENCH DETAIL
P-81 SCALE: NOT TO SCALE



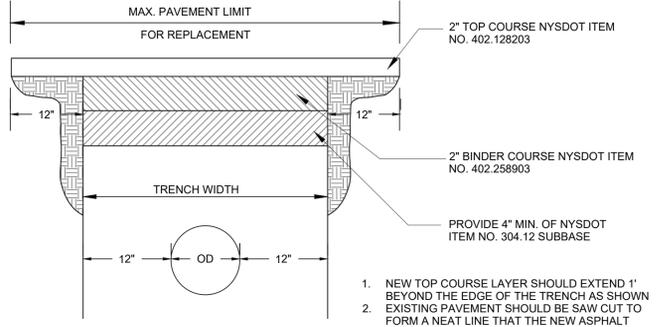
3 PLUMBING VENT THROUGH PITCHED ROOF DETAIL
P-81 SCALE: NOT TO SCALE



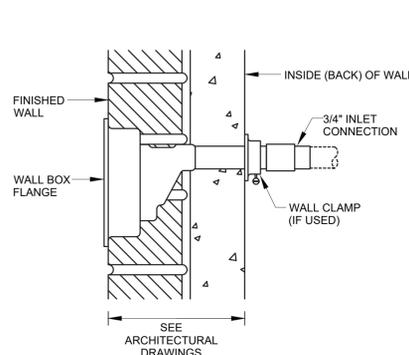
4 TYPICAL CLEVIS HANGER DETAIL
P-81 SCALE: NOT TO SCALE



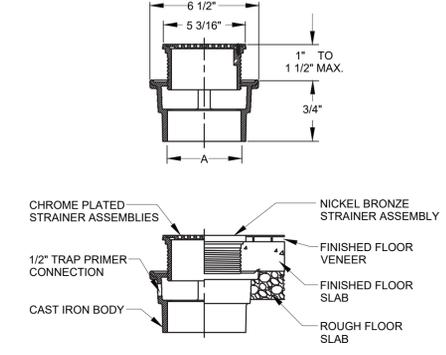
5 DRAIN VALVE DETAIL
P-81 SCALE: NOT TO SCALE



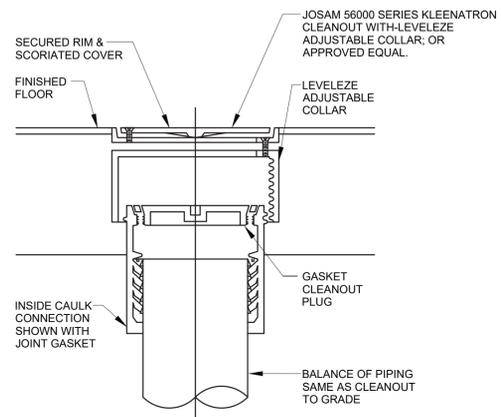
6 ASPHALTIC MACADAM PAVEMENT REPLACEMENT
P-81 SCALE: NOT TO SCALE



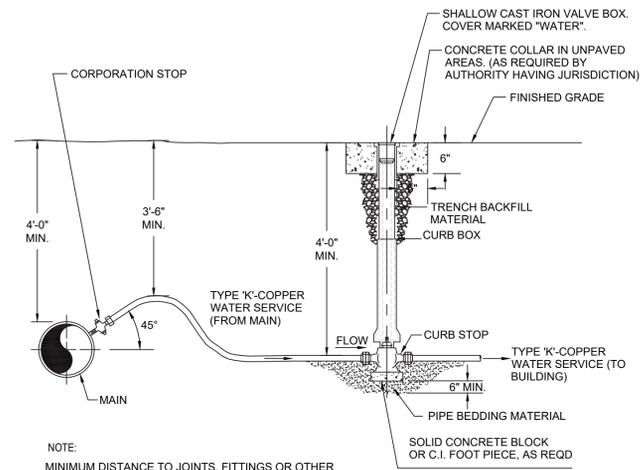
7 FREEZE PROOF WALL HYDRANT
P-81 SCALE: NOT TO SCALE



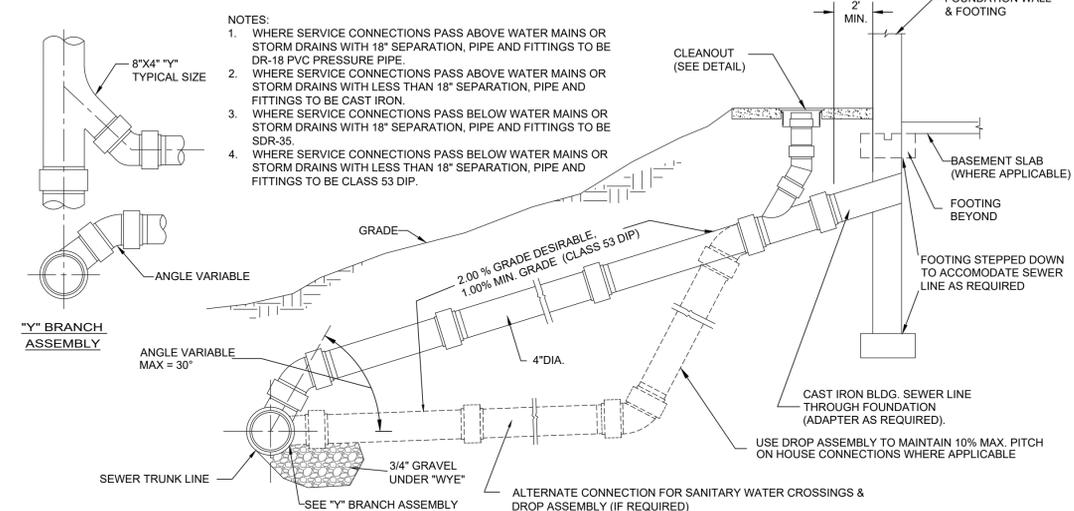
8 FLOOR DRAIN DETAIL
P-81 SCALE: NOT TO SCALE



9 FLOOR CLEANOUT DETAIL
P-81 SCALE: NOT TO SCALE



10 COPPER WATER SERVICE AND CURB STOP
P-81 SCALE: NOT TO SCALE



11 SEWER SERVICE CONNECTION/ DROP ASSEMBLY
P-81 SCALE: NOT TO SCALE

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

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
RESTAURANT KITCHEN WITH FOOD VENDING
PLUMBING DETAILS**

CONTRACT NUMBER	SHEET NUMBER
22-523	K-P-81
DWG NO.: 548 of 664	
SCALE: AS INDICATED	
DATE: 08/23/2022	
DPW FILE NUMBER: 1-118-P-1297-0	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 PROX. 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 MINIMUM 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 END 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 OWNER'S 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 TWO (2) EXISTING RANGE HOODS AS INDICATED.
 - REMOVE TWO (2) EXISTING FLUES AS INDICATED.
 - REMOVE TWO (2) EXISTING CEILING VENTILATION GRILLES AS INDICATED.
 - REMOVE ONE (1) EXISTING RELIEF VENT AS INDICATED.
 - REMOVE TWO (2) EXISTING ROOFTOP FANS AND ASSOCIATED DUCTWORK, CONTROLS AND ACCESSORIES.
- CONSTRUCTION**
- PROVIDE ONE (1) NEW ROOFTOP AIR HANDLING UNIT RTU-1. PROVIDE DUCTWORK TO NEW SPACES AS INDICATED.
 - PROVIDE ONE (1) NEW OUTDOOR SPLIT CONDENSER AIR CONDITIONER UNIT AS INDICATED.
 - PROVIDE TWO (2) NEW CEILING RECESSED INDOOR AIR CONDITIONER UNITS AS INDICATED.
 - PROVIDE ONE (1) NEW PACKAGED TERMINAL AIR CONDITIONER UNIT AS INDICATED.
 - PROVIDE ONE (1) NEW GENERAL KITCHEN/TRASH ROOM EXHAUST FAN ON ROOF AND ASSOCIATED DUCTWORK AS INDICATED.
 - PROVIDE ONE (1) NEW ATTIC EXHAUST FAN AS INDICATED.
 - PROVIDE ONE (1) NEW WALL MOUNTED ELECTRIC UNIT HEATER AS INDICATED.
 - PROVIDE TWO (2) NEW RAIN RESISTANT LOUVERS AS INDICATED.

MECHANICAL VENTILATION SCHEDULE

SPACE DETAILS	MECH CODE REQUIREMENTS							DESIGN					NOTES
	ROOM	AREA (FT ²)	# PEOPLE	OA / SQ FT	OA PER PERSON	# OF FIXT (TOILET/JUR/NAL/SLOP SINK)	EXH CFMSQFT	EXH CFM/FIXTURE	NET OA	MN DESIGN OA FLOW (CFM)	ACTUAL SA FLOW (CFM)	ACTUAL RA FLOW (CFM)	
105 KITCHEN	1347	27	0.12	7.5	-	0.7	-	943	1000	2400	1400	1000	1
102 DRY ROOM	67	-	0.12	-	-	-	-	8	100	100	-	100	1

NOTES:
1. NEW YORK STATE MECHANICAL CODE.

NATURAL VENTILATION SCHEDULE

SPACE DETAILS	DESIGN					NOTES
ROOM	AREA (SF)	4% FLOOR AREA (SF)	WINDOW FREE AREA (SF)	DOOR AREA (SF)	TOTAL OPENABLE AREA (SF)	
101 SEASONAL FOOD SERVICE	343	14	-	156	156	1,2

NOTES:
1. NEW YORK STATE MECHANICAL CODE.
2. NATURAL VENTILATION OF AN OCCUPIED SPACE SHALL BE THROUGH WINDOWS, DOORS, LOUVERS, AND OTHER OPENINGS TO THE OUTDOORS. THE MINIMUM OPENABLE AREA TO THE OUTDOORS SHALL BE 4 PERCENT OF THE FLOOR AREA BEING VENTILATED.

TABLE 1: ENERGY CODE ANALYSIS TABLE FOR MECHANICAL SYSTEMS

(PER 2020 NYS ENERGY CODE)						
ITEM DESCRIPTION	UNIT TAG	EQUIPMENT TYPE	PROPOSED VALUE	MINIMUM EFFECIENCY	CODE PRECRIBED VALUE AND CITATION	SUPPORTING DOCUMENTATION
HVAC EQUIPMENT PERFORMANCE	RTU-1	SINGLE PACKAGED UNIT	SEER= 12.6	SEER=11.2	MINIMUM EFFICIENCY REQUIREMENTS: ELECTRICALLY OPERATED UNITARY AIR CONDITIONERS AND CONDENSING UNITS > 65,000 Btu/h < 135,000 Btu/h	C403.2.3(1) MECHANICAL SCHEDULES
HVAC EQUIPMENT PERFORMANCE	AC-1, AC-2, CU-1	SPLIT SYSTEM HEAT PUMP	HSPF = 11.2 SEER= 15.0	HSPF = 8.2 SEER= 14.0	MINIMUM EFFICIENCY REQUIREMENTS: ELECTRICALLY OPERATED UNITARY AIR CONDITIONERS AND CONDENSING UNITS < 65,000 Btu/h	C403.2.3(1) MECHANICAL SCHEDULES
HVAC SYSTEM CONTROLS	ALL HEATING COOLING EQUIPMENT	THERMOSTATIC CONTROLS	DIGITAL THERMOSTATS	-	THERMOSTATIC CONTROLS FOR HVAC SYSTEM	C403.2.6 MECHANICAL SCHEDULES AND PLANS
SHUTOFF DAMPERS			GRAVITY/BACKDRAFT DAMPERS PROVIDED IN LIEU OF MOTORIZED DAMPER MOTORIZED DAMPERS PER EXCEPTIONS 1	-	BACKDRAFT DAMPER INSTALLED AT EXHAUST OPENINGS	C403.7.7 MECHANICAL SCHEDULES AND PLANS
DUCT LEAKAGE			SMACNA HVAC DUCT LEAKAGE TEST	-	SMACNA HVAC DUCT LEAKAGE TEST	PER C403 MECHANICAL DWGS. & SPECS

TABLE 2: ENERGY CODE COMPLIANCE INSPECTIONS FOR MECHANICAL SYSTEMS

(IIB - MECHANICAL AND SERVICE WATER HEATING INSPECTIONS)					
INSPECTION TEST	FREQUENCY	REFERENCE STANDARDS	INSPECTION DESCRIPTION	ECC CITATION	
IIB2 SHUT-OFF DAMPERS	AS REQUIRED DURING INSTALLATION	APPROVED CONSTRUCTION DOCUMENTS	DAMPERS FOR STAIR AND ELEVATOR SHAFT VENTS AND OTHER OUTDOOR AIR INTAKES AND EXHAUST OPENINGS INTEGRAL TO THE BUILDING ENVELOPE SHALL BE VISUALLY INSPECTED TO VERIFY THAT SUCH DAMPERS, EXCEPT WHERE PERMITTED TO BE GRAVITY DAMPERS, COMPLY WITH APPROVED CONSTRUCTION DRAWINGS. MANUFACTURER'S LITERATURE SHALL BE REVIEWED TO VERIFY THAT THE PRODUCT HAS BEEN TESTED AND FOUND TO MEET THE STANDARD.	NYSECC C403.2.4.4, C403.7.7, OR ASHRAE 90.1-6.4.3.4	
IIB3 HVAC AND SERVICE WATER HEATING EQUIPMENT	PRIOR TO FINAL MECHANICAL AND CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS	EQUIPMENT SIZING, EFFICIENCIES AND OTHER PERFORMANCE FACTORS OF ALL MAJOR EQUIPMENT UNITS, AS DETERMINED BY THE APPLICANT OF RECORD, AND NO LESS THAN 15% OF MINOR EQUIPMENT UNITS, SHALL BE VERIFIED BY VISUAL INSPECTION AND, WHERE NECESSARY, REVIEW OF MANUFACTURER'S DATA. POOL HEATERS AND COVERS SHALL BE VERIFIED BY VISUAL INSPECTION	NYSECC C403.2, C404.2, C404.7, C408.2	
IIB4 HVAC AND SERVICE WATER HEATING SYSTEM CONTROLS	AFTER INSTALLATION AND PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION, EXCEPT THAT FOR CONTROLS WITH SEASONALLY DEPENDENT FUNCTIONALITY, SUCH TESTING SHALL BE PERFORMED BEFORE SIGN-OFF FOR ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY	APPROVED CONSTRUCTION DOCUMENTS INCLUDING CONTROL SYSTEM NARRATIVES	NO LESS THAN 20% OF EACH TYPE OF REQUIRED CONTROLS AND ECONOMICIZERS SHALL BE VERIFIED BY VISUAL INSPECTION AND TESTED FOR FUNCTIONALITY AND PROPER OPERATION. SUCH CONTROLS SHALL INCLUDE, BUT ARE NOT LIMITED TO, THERMOSTATIC AND ECONOMICIZER CONTROLS	NYSECC C403.2.4, C403.2.5.1, C403.2.11, C403.3, C403.4, C404.3, C404.6, C404.7	
IIB6 HVAC DUCT LEAKAGE TESTING	PRIOR TO CLOSING CEILINGS AND WALLS AND PRIOR TO FINAL CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS, NYC MECHANICAL CODE	WHERE THE AIR HANDLER AND/OR SOME DUCTWORK IS IN UNCONDITIONED SPACE, DUCT-LEAKAGE TESTING SHALL BE PERFORMED EITHER AFTER ROUGH-IN OR POST-CONSTRUCTION TO ENSURE COMPLIANCE WITH ECC R403.3.3 AND R403.3.4. NOT LESS THAN 20% OF SUCH DUCTWORK SHALL BE TESTED	NYSECC C403	

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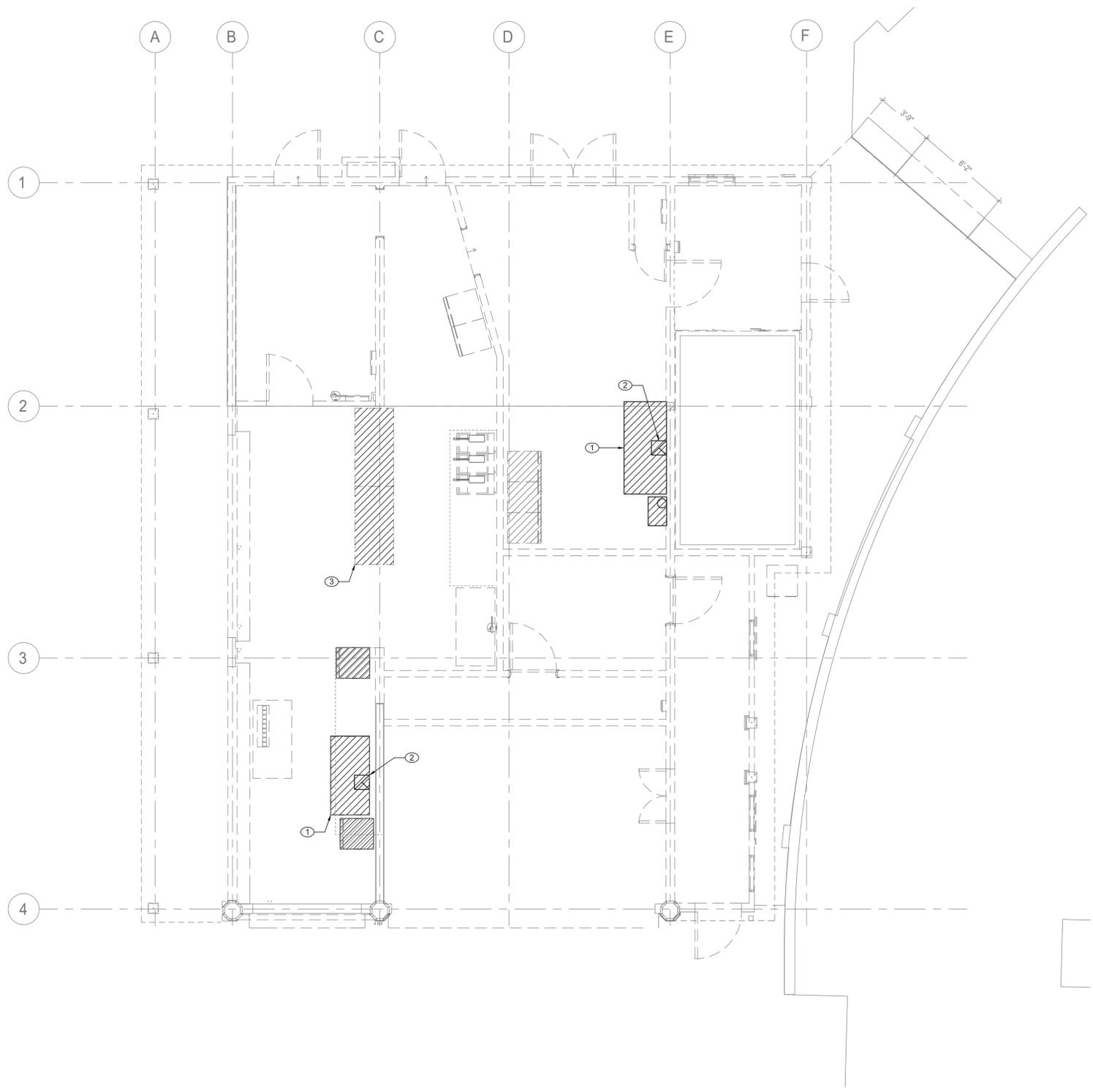
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SIGNATURE _____
TITLE _____ DATE _____

PROJECT COORDINATOR
NAME _____
SIGNATURE _____
TITLE _____ DATE _____

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

INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
MECHANICAL NOTES, SYMBOLS AND LEGENDS

CONTRACT NUMBER	SHEET NUMBER
22-523	K-M-01
DWG NO.:	549 of 664
SCALE:	AS INDICATED
DATE:	08/23/2022
DPW FILE NUMBER	1-118-M-1298-0
REV. NO.:	0



- 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 REMOVE EXISTING RANGE HOOD AND ASSOCIATED DUCTWORK AND PIPING. DEMOLISH EXISTING ANSUL FIRE PROTECTION SYSTEM AND ASSOCIATED CONTROLS. COORDINATE REMOVAL OF ANSUL SYSTEM WITH FIRE PROTECTION CONTRACTOR AND OWNER.
 - ② REMOVE EXISTING FLUE VENT FOR OVEN. COORDINATE WITH GC TO SEAL EXISTING WALL PENETRATION. PROVIDE FIRE STOPPING TO MATCH EXISTING.
 - ③ REMOVE EXISTING CEILING VENTILATION GRILLES.

1 MECHANICAL 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)



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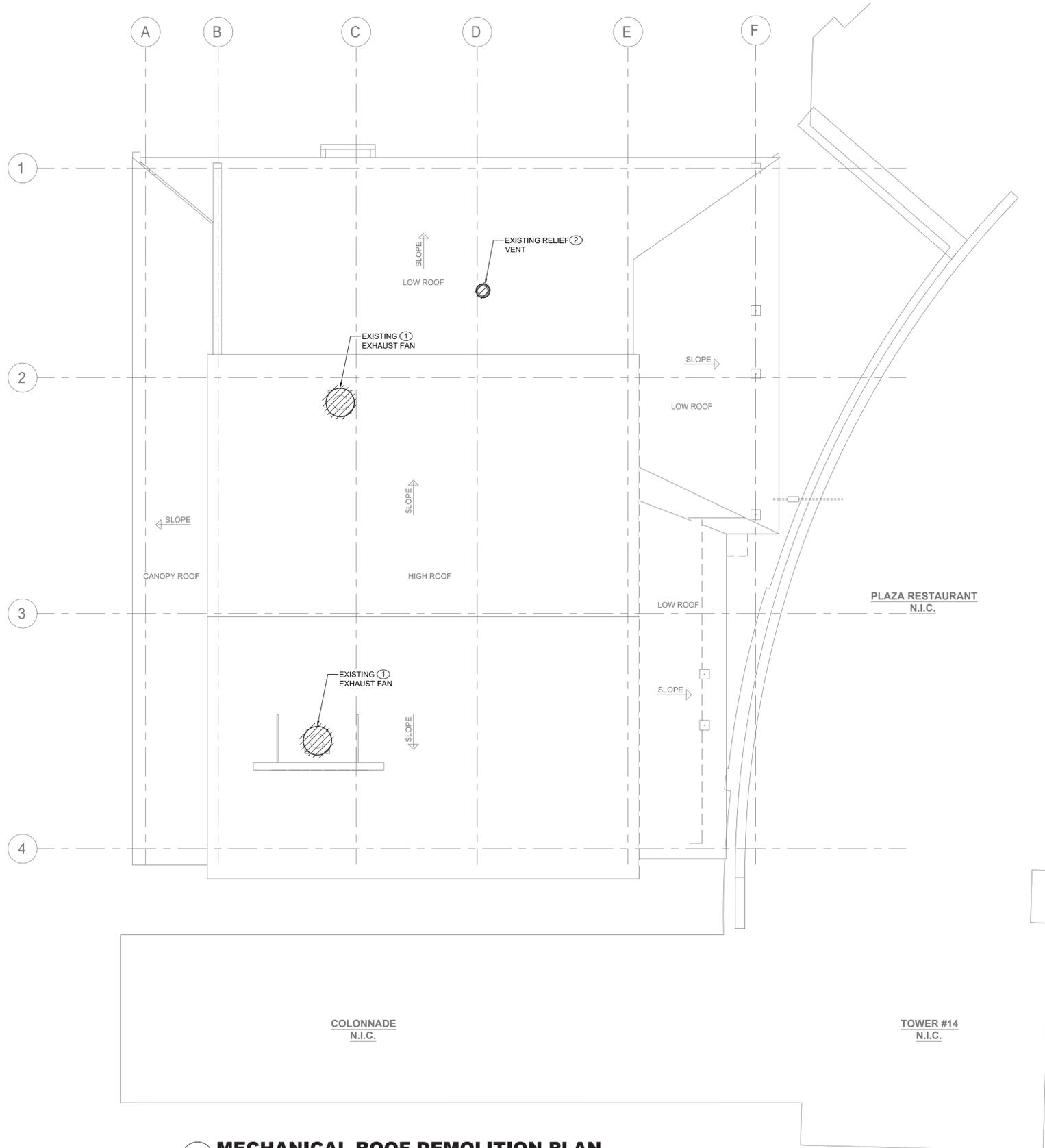
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
MECHANICAL FIRST FLOOR DEMOLITION PLAN**

CONTRACT NUMBER 22-523	SHEET NUMBER K-M-11
DWG NO.: 550 of 664	
SCALE: AS INDICATED	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-M-1299-0	REV. NO. 0

- 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 EXHAUST FAN AND ASSOCIATED CONTROLS, DUCTWORK AND ACCESSORIES. COORDINATE REMOVAL OF ELECTRICAL POWER AND WIRING WITH ELECTRICAL CONTRACTOR. CONTRACTOR SHALL PATCH EXISTING ROOF PENETRATION TO MATCH EXISTING ROOF.
 - ② DEMOLISH EXISTING RELIEF VENT. CONTRACTOR SHALL PATCH EXISTING ROOF PENETRATION TO MATCH EXISTING ROOF.



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

CONSULTANT INFORMATION

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A LiRo Group Company
Syosset, N.Y. 516-214-8157(T)



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CONTRACTOR		PROJECT COORDINATOR	
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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
RESTAURANT KITCHEN WITH FOOD VENDING
MECHANICAL ROOF DEMOLITION PLAN

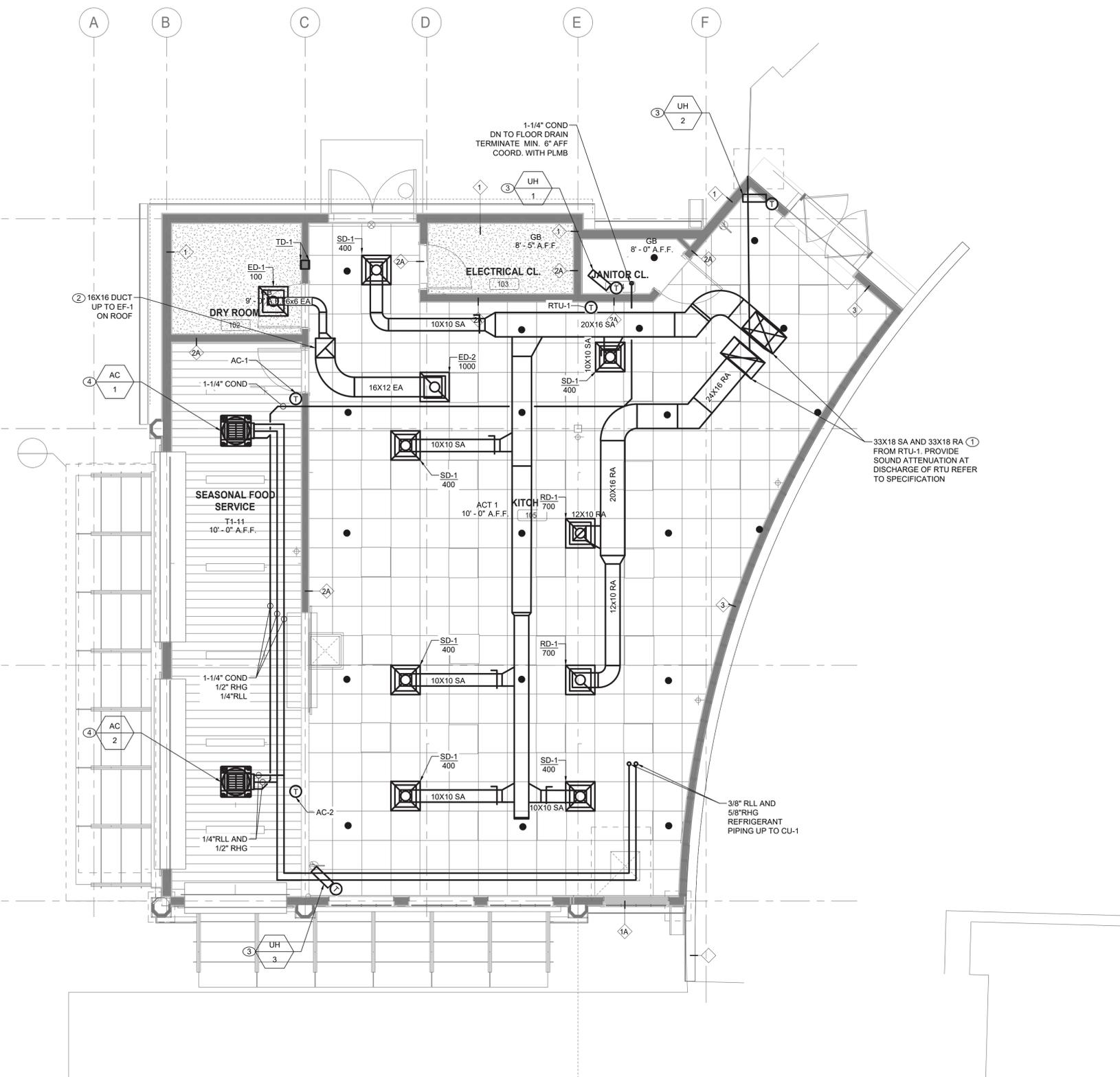
CONTRACT NUMBER 22-523	SHEET NUMBER K-M-12
DWG NO.: 551 of 664	
SCALE: AS INDICATED	
DATE: 08/23/2022	
DPW FILE NUMBER 1-118-M-1300-0	REV. NO. 0

GENERAL NOTES:

1. 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.
2. UPON COMPLETION, SYSTEM SHALL BE TESTED FOR PROPER OPERATION.

MECHANICAL CONSTRUCTION NOTES:

- ① PROVIDE SUPPLY AND RETURN DUCTWORK FROM ROOFTOP UNIT RTU-1 AND ROUTE ALONG INDICATED PATH. PROVIDE INSULATION TO ALL SUPPLY DUCTWORK. PROVIDE VOLUME DAMPERS AND SUPPLY DIFFUSERS/GRILLES AND BALANCE TO INDICATED VALUES.
- ② PROVIDE EXHAUST DUCTWORK FROM KITCHEN UP TO ROOFTOP EXHAUST FAN AS INDICATED.
- ③ PROVIDE NEW WALL MOUNTED ELECTRIC UNIT HEATER. COORDINATE INSTALL HEIGHT IN FIELD.
- ④ PROVIDE NEW CEILING MOUNTED INDOOR UNITS AC-1 AND AC-2 AS SHOWN. COORDINATE ELECTRICAL POWER AND WIRING WITH ELECTRICAL DRAWINGS.



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

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SIGNATURE _____
TITLE _____ DATE _____

PROJECT COORDINATOR
NAME _____
SIGNATURE _____
TITLE _____ DATE _____

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

INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
MECHANICAL FIRST FLOOR CONSTRUCTION PLAN

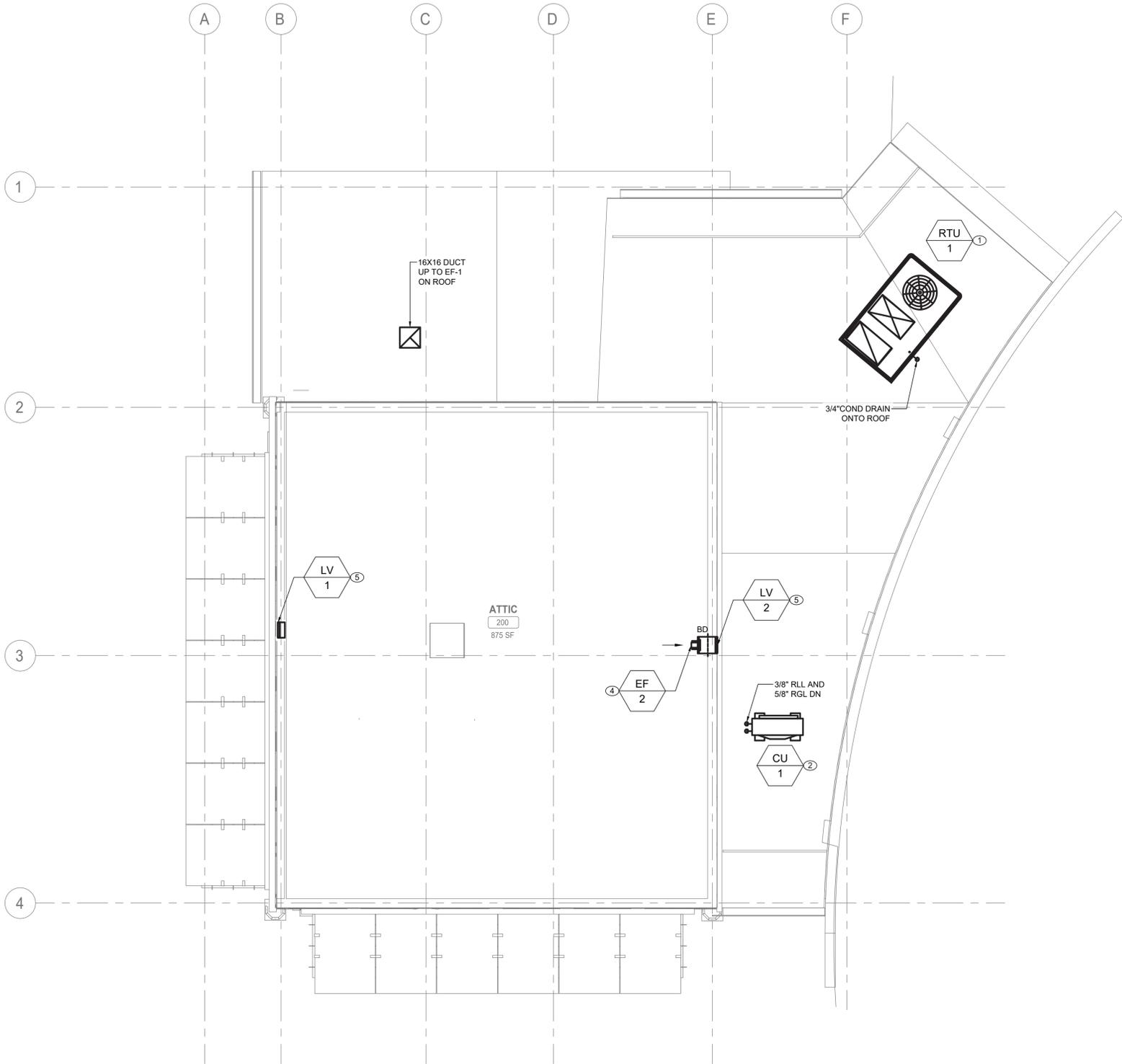
CONTRACT NUMBER 22-523	SHEET NUMBER K-M-21 552 of 664
DWG NO.:	SCALE: AS INDICATED
DATE: 08/23/2022	REV. NO. 0
DPW FILE NUMBER 1-118-M-1301-0	

GENERAL NOTES:

- 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.
- UPON COMPLETION, SYSTEM SHALL BE TESTED FOR PROPER OPERATION.

MECHANICAL CONSTRUCTION NOTES:

- PROVIDE SUPPLY AND RETURN DUCTWORK FROM ROOFTOP UNIT RTU-1 AND ROUTE ALONG INDICATED PATH. PROVIDE INSULATION TO ALL SUPPLY DUCTWORK. PROVIDE VOLUME DAMPERS AND SUPPLY DIFFUSERS/GRILLES AND BALANCE TO INDICATED VALUES. PLACE UNIT ON NEW ROOF CURB AS SHOWN ON K-M-82.
- PROVIDE NEW OUTDOOR SPLIT CONDENSER AIR CONDITIONER UNIT ON ROOF AS SHOWN. COORDINATE ELECTRICAL POWER AND WIRING WITH ELECTRICAL DRAWINGS. PLACE UNIT ON EQUIPMENT RAILS AS SHOWN ON K-M-81.
- PROVIDE NEW PACKAGED TERMINAL AIR CONDITIONER UNIT. COORDINATE ELECTRICAL POWER AND WIRING WITH ELECTRICAL DRAWINGS.
- PROVIDE NEW EXHAUST FAN AS SCHEDULED. COORDINATE ELECTRICAL POWER AND WIRING WITH ELECTRICAL CONTRACTOR. INSTALL EF-2 AT 6'0" ABOVE ATTIC FLOOR TO CENTER.
- PROVIDE NEW RAIN RESISTANT LOUVERS AS SCHEDULED. INSTALL LV-1 AND LV-2 AT 6'0" ABOVE ATTIC FLOOR TO CENTER.



1 MECHANICAL ATTIC FLOOR CONSTRUCTION PLAN
SCALE: 1/4" = 1'-0"

CONSULTANT INFORMATION

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



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CONTRACTOR		PROJECT COORDINATOR	
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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
RESTAURANT KITCHEN WITH FOOD VENDING
MECHANICAL ATTIC FLOOR CONSTRUCTION PLAN

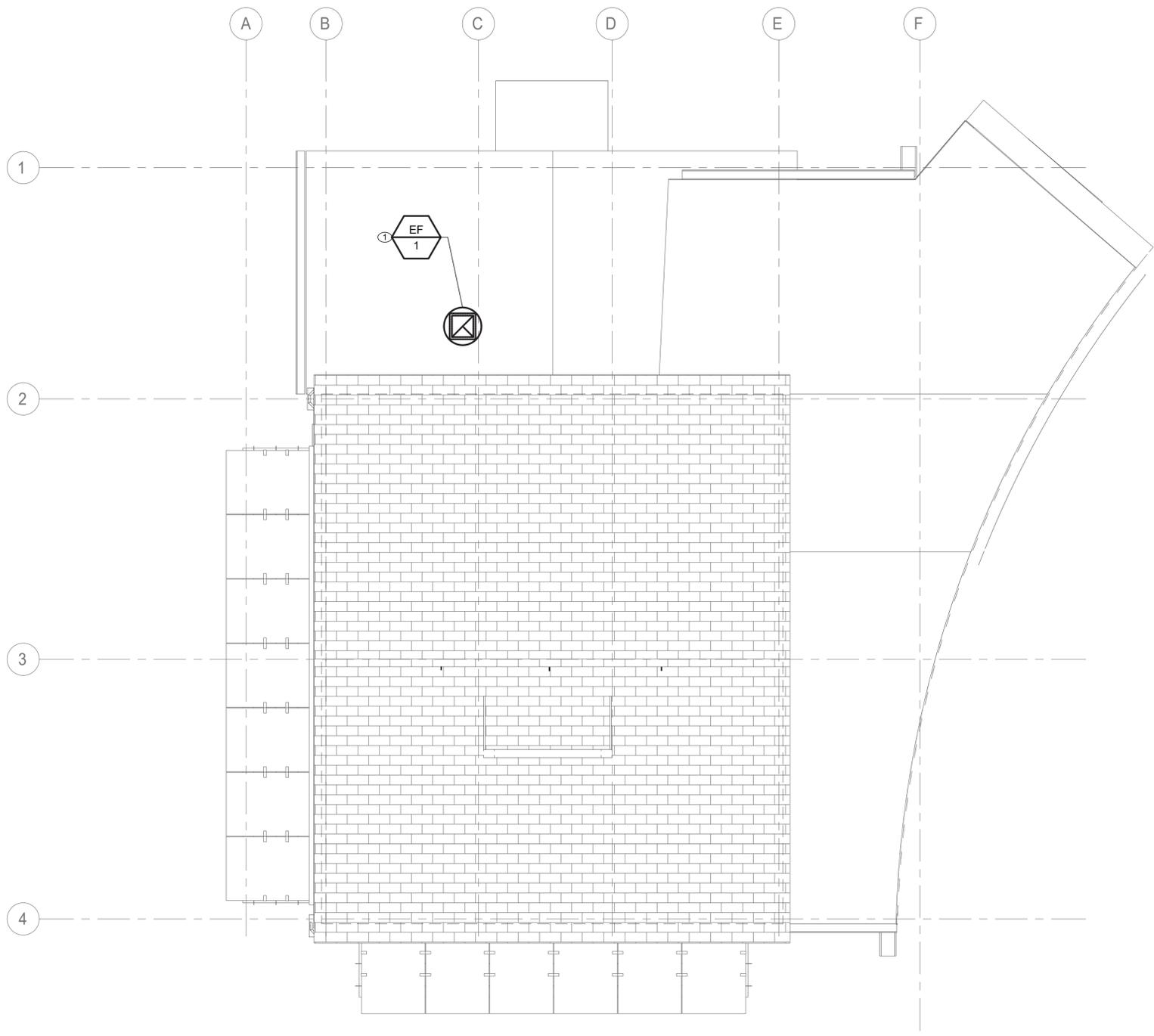
CONTRACT NUMBER	SHEET NUMBER
22-523	K-M-22
DWG NO.:	553 of 664
SCALE:	AS INDICATED
DATE:	08/23/2022
DPW FILE NUMBER	REV. NO.
1-118-M-1302-0	0

GENERAL NOTES:

1. 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.
2. UPON COMPLETION, SYSTEM SHALL BE TESTED FOR PROPER OPERATION.

MECHANICAL CONSTRUCTION NOTES:

1. PROVIDE NEW EXHAUST FAN AS SCHEDULED. COORDINATE ELECTRICAL POWER AND WIRING WITH ELECTRICAL DRAWINGS. ENSURE ALL WORK IMPACTING ROOF IS DONE IN ACCORDANCE WITH ROOFING MANUFACTURER WARRANTY.



1 MECHANICAL ROOF CONSTRUCTION PLAN
SCALE: 1/4" = 1'-0"

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FRANK F. ULISES
No. 090111
LICENSED PROFESSIONAL ENGINEER

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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
RESTAURANT KITCHEN WITH FOOD VENDING
MECHANICAL ROOF CONSTRUCTION PLAN**

CONTRACT NUMBER 22-523	SHEET NUMBER K-M-23 554 of 664
DWG NO.:	SCALE: AS INDICATED
DATE: 08/23/2022	REV. NO. 0
DPW FILE NUMBER: 1-118-M-1303-0	REV. NO. 0

ROOFTOP AIR CONDITIONING UNIT SCHEDULE

TAG	MANUFACTURER	MODEL	LOCATION	NOM. CAP. (TONS)	MIN. OA (CFM)	MAX. OA (CFM)	SUPPLY FAN			FILTER		DX COOLING						HEATING		COMPRESSOR	CONDENSER			ELECTRICAL			OPERATING WEIGHT (±LBS)	DIMENSIONS LxWxH (FT)	NOTES		
							AIR FLOW (CFM)	ESP (IN)	MOTOR BHP	TYPE	MER V	REFRIG TYPE	TOTAL CAP. (MBH)	SENSIBLE CAP. (MBH)	EAT DB (°F)	EAT WB (°F)	LAT DB (°F)	LAT WB (°F)	ELEC. KW	TOTAL CAP. (MBH)	TYPE/QTY	AMB. TEMP (°F)	FAN QTY	Kw	EER	MCA				MOCP	V-PH-HZ
RTU-1	TRANE	THC092F3RNA	ROOF	7.5	1100	-	2400	0.50	0.55	2" PLEATED	13	R-410A	87.5	70.4	80.2	64.3	54.4	52.1	36.0	122.9	SCROLL/2	89	1	0.72	12.60	104	110	208-3-60	1228	7.4x4.4x3.9	1,2,3,4

NOTES:

- PROVIDE DOWNFLOW SUPPLY AND RETURN UNIT CONFIGURATION. OVERSIZE SUPPLY FAN MOTOR, MOTORIZED OUTSIDE AIR DAMPER, NON-FUSED DISCONNECT, ECONOMIZER, ECONOMIZER HOOD, BAROMETRIC RELIEF HOOD AND 14" ROOF CURB.
- FACTORY CONTROLS TO BE PROVIDED BY MANUFACTURER.
- PROVIDE WITH MERV 13 FILTERS AND OPTION FOR UV LIGHT FILTRATION KIT.
- PROVIDE DIGITAL CONTROLLER WITH DISPLAY CAPABLE OF DEMAND CONTROL VENTILATION AND ECONOMIZER MODE. CONTRACTOR TO PROVIDE TRANSFORMER AND POWER AS REQUIRED.

DUCTLESS SPLIT SYSTEM HEAT PUMP SCHEDULE

UNIT TAG (INDOOR)	ASSOCIATED OUTDOOR UNIT	MANUFACTURER	MODEL	LOCATION/SERVICE	REFRIGERANT	SUPPLY FAN		COOLING		HEATING		ELECTRICAL			WEIGHT	NOTES
						CFM	TOTAL/SENS. (MBH)	EAT DB/WB	MBH	EAT/LAT DB	V.-PH.-CY.	MCA	MOCP			
AC-1	CU-1	DAIKIN	PLFY-P18NFMU-E	SEASONAL FOOD SERVICE	R410A	460	18.0/18.0	81/66	20.0	68/90	208-1-60	0.50	15	31.3	1,2,3,4	
AC-2	CU-1	DAIKIN	PLFY-P18NFMU-E	SEASONAL FOOD SERVICE	R410A	460	18.0/18.0	81/66	20.0	68/90	208-1-60	0.50	15	31.3	1,2,3,4	

NOTES:

- UNIT CAPACITY INDICATED AS SIZING CRITERIA.
- PROVIDE UNIT WITH WIRED WALL MOUNTED THERMOSTAT.
- PROVIDE ALL INDOOR UNIT WITH INTREGATED CONDENSATE PUMP
- INSTALL AND SIZE REFRIGERANT PIPING PER MANUFACTURER'S SPECIFICATION.

DUCTLESS SPLIT SYSTEM HEAT PUMP CONDENSING UNIT SCHEDULE

UNIT TAG (OUTDOOR)	MANUFACTURER	MODEL	NOMINAL COOLING (BTU/HR)	NOMINAL HEATING (BTU/HR)	SERVICE	SEER	COP	V.-PH.-CY.	MCA	MOCP	WEIGHT	NOTES
CU-1	DAIKIN	PUMY-P36NKMU3-BS	36000	42000	SEASONAL FOOD SERVICE	22.3	4	208-1-60	29.0	44.0	271.0	1,2

NOTES:

- UNIT CAPACITY INDICATED AS SIZING CRITERIA.
- PROVIDE UNIT WITH 16" ROOF STAND.

FAN SCHEDULE

TAG	MANUFACTURER	MODEL	LOCATION	SERVICE	TYPE	DRIVE	AIR FLOW (CFM)	TSP (IN. WG)	ELECTRICAL				OPERATING WEIGHT (±LBS)	DIMENSIONS DxH (IN)	NOTES
									HP	BHP	RPM	V-PH-HZ			
EF-1	GREENHECK	G-130-VG	ROOF	KITCHEN / TRASH RM	CENTRIFUGAL	DIRECT	1100	0.25	0.25	0.09	906	115-1-60	24	19x19	1,2,3,4,5
EF-2	GREENHECK	SE1-8-440-VG	ATTIC	ATTIC	AXIAL	DIRECT	50	0.05	0.07	0.00	638	115-1-60	16	13x13	1,2,3,4,6

NOTES:

- PROVIDE ALL CONTACTS, RELAYS, AND DEVICES NECESSARY FOR BMS CONTROL OF FANS PER SEQUENCE OF OPERATIONS.
- PROVIDE THERMAL OVERLOAD FOR ALL SINGLE PHASE MOTORS.
- PROVIDE SALT WATER RESISTANT HI-PRO POLYESTER COATING FOR ALL FANS.
- FAN SHALL BE FURNISHED WITH NON FUSED DISCONNECT.
- PROVIDE 12" ROOF CURBS FOR ALL ROOF MOUNTED FANS. INCLUDE 1.5" INSULATION ON CURB.
- PROVIDE WALL HOUSING.

ELECTRIC UNIT HEATER SCHEDULE

TAG	MANUFACTURER	MODEL	SERVICE	TYPE	KW	AMPS	V-PH-HZ	NOTES
UH-1	TRANE	UHEC-031A0C0	WATER SERVICES RM	WALL HUNG	3.3	15.9	208-1-60	1
UH-2	TRANE	UHEC051AACA	KITCHEN	WALL HUNG	5	24.1	208-1-60	1
UH-3	TRANE	UHEC051AACA	KITCHEN	WALL HUNG	5	24.1	208-1-60	1

NOTES:

- PROVIDE UNIT MOUNTED 2 STAGE THERMOSTAT.

LOUVER SCHEDULE

TAG	MANUFACTURER	MODEL	SERVICE	LOCATION	MATERIAL	FINISH TYPE	WIDTH (INCH)	HEIGHT (INCH)	FREE AIR VELOCITY (FFM)	PRESSURE DROP (IN. WG)	MINIMUM FREE AREA (SQUARE FEET)	NOTES
LV-1	GREENHECK	ESD-635	EXHAUST	ATTIC	ALUMINUM	BAKED ENAMEL	12	12	-	-	0.19	2
LV-2	GREENHECK	ESD-635	EXHAUST	ATTIC	ALUMINUM	BAKED ENAMEL	12	12	263	0.05	0.19	1

NOTES:

- PROVIDE WITH ALUMINUM BIRD SCREEN AND BACKDRAFT DAMPERS.
- PROVIDE WITH ALUMINUM BIRD SCREEN ONLY.

AIR INLET / OUTLET SCHEDULE

TAG	MANUFACTURER	MODEL	SERVICE	NECK SIZE (IN)	FACE SIZE (IN)	MOUNTING	CFM	MAX PD (wg)	MAX VELOCITY	MAX NC	NOTES
SD-1	TITUS	TMS	GENERAL SUPPLY	12	24x24	LAY-IN / GYP	321-425	0.10	600	30	1, 2, 3
RD-1	TITUS	50F	GENERAL RETURN	14X14	24x24	LAY-IN / GYP	528-732	0.05	600	30	1, 3
ED-1	TITUS	50F	GENERAL EXHAUST	6X6	24x24	LAY-IN / GYP	0-95	0.05	600	30	1, 3
ED-2	TITUS	50F	GENERAL EXHAUST	16X16	24X24	LAY-IN / GYP	732-972	0.50	600	30	1, 3
TG-1	TITUS	SG-LFF	TRANSFER	-	6X6	WALL MOUNTED	70	0.03	400	-	1

NOTES:

- COORDINATE AND CONFIRM CEILING AND/OR WALL MOUNT (T-BAR, SURFACE, REINFORCEMENT, ETC) WITH ARCHITECTURAL RCP AND WALL CONSTRUCTION BEFORE ORDERING.
- PROVIDE WITH MOLDED INSULATION BLANKET.
- INTEGRAL VOLUME DAMPERS NOT ACCEPTABLE. VOLUME DAMPERS PROVIDED BY MECHANICAL CONTRACTOR ON ALL RUN-OUTS. EXCEPTIONS REQUIRE APPROVAL WHEN REQUIRED.

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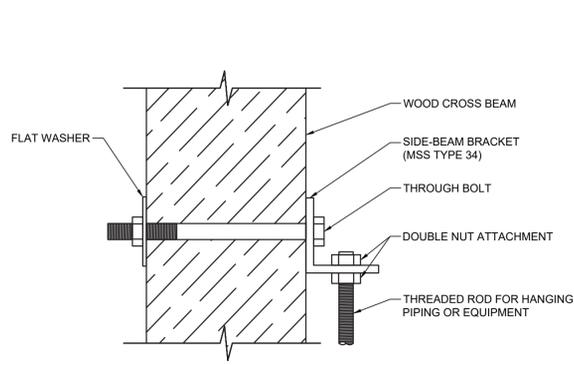
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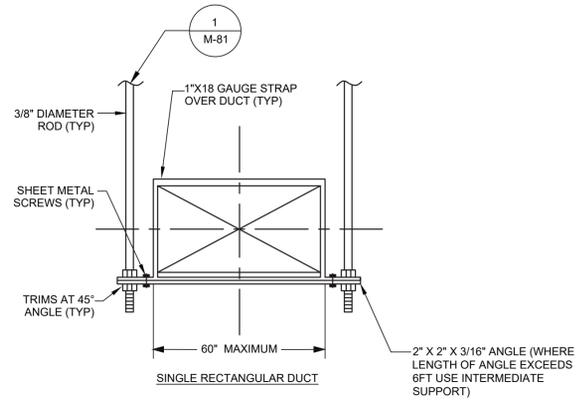
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**INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
MECHANICAL SCHEDULES**

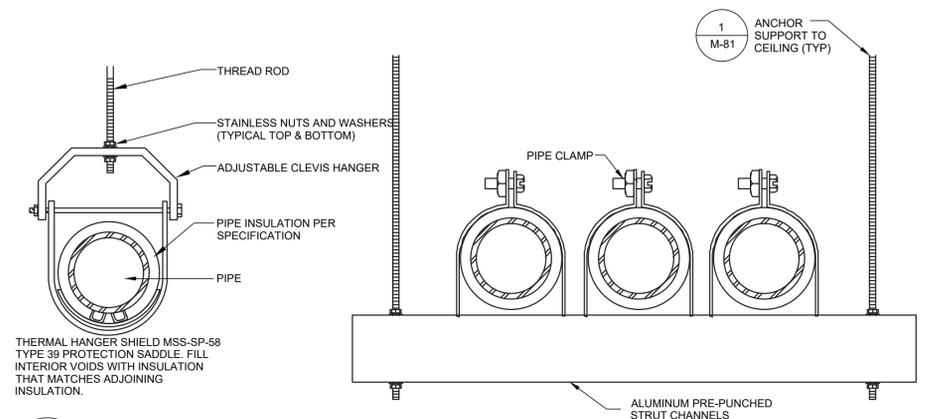
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DPW FILE NUMBER 1-118-M-1304-0	REV. NO. 0



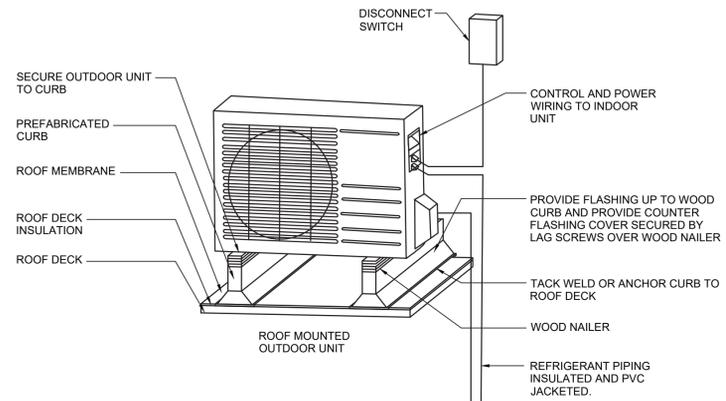
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M-81 SCALE: NOT TO SCALE



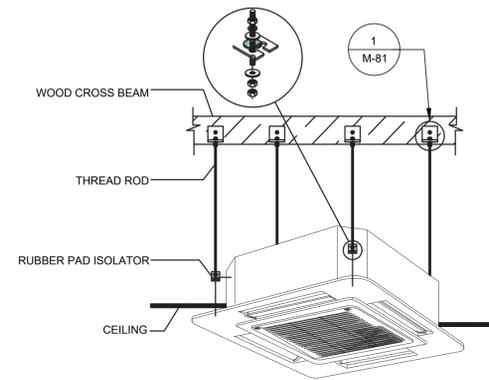
2 MECHANICAL DUCT HANGER DETAIL
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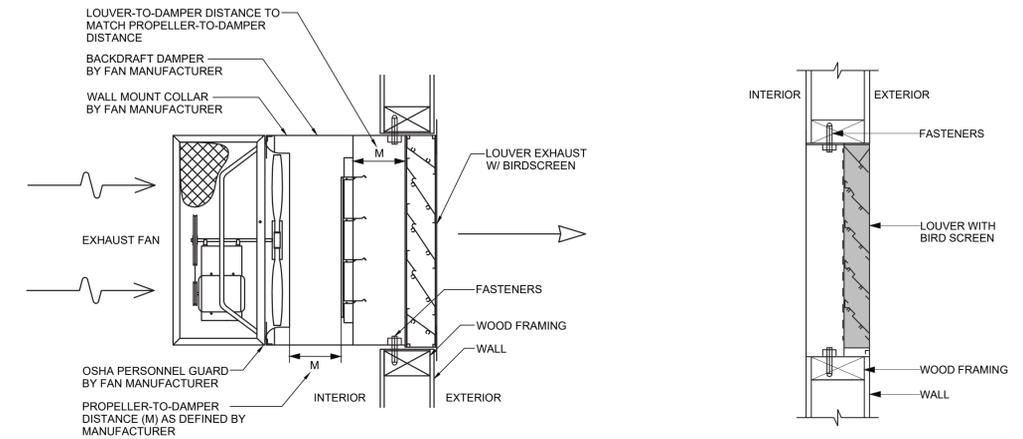
3 MECHANICAL PIPE HANGER DETAIL
M-81 SCALE: NOT TO SCALE



4 MECHANICAL SPLIT PIPING DETAIL
M-81 SCALE: NOT TO SCALE

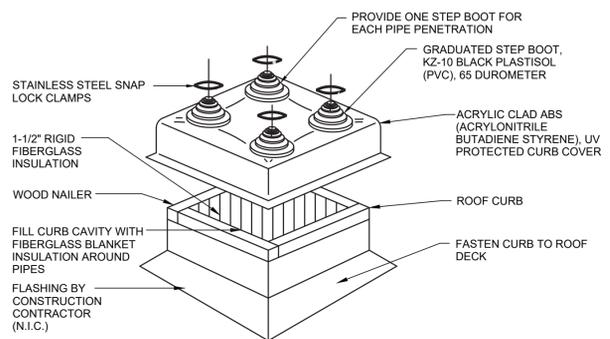


5 SPLIT CEILING CASSETTE MOUNTING DETAIL
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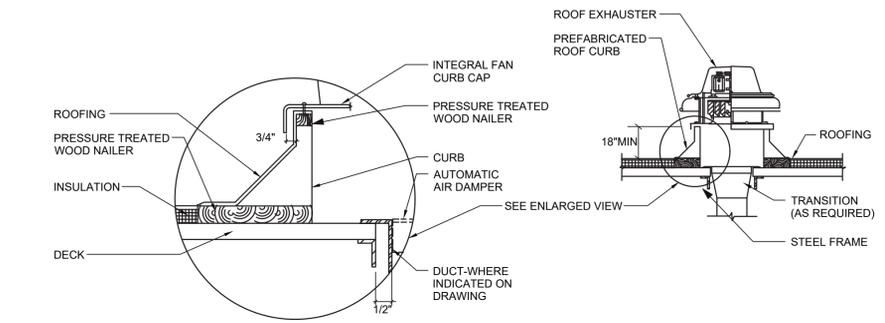


6 PROPELLER FAN DETAIL
M-81 SCALE: NOT TO SCALE

7 MECHANICAL LOUVER
M-81 SCALE: NOT TO SCALE



8 MECHANICAL REFRIG. PENETRATION DETAIL
M-81 SCALE: NOT TO SCALE



9 MECHANICAL ROOF FAN DETAIL
M-81 SCALE: NOT TO SCALE

CONSULTANT INFORMATION

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CONSULTANT SEAL

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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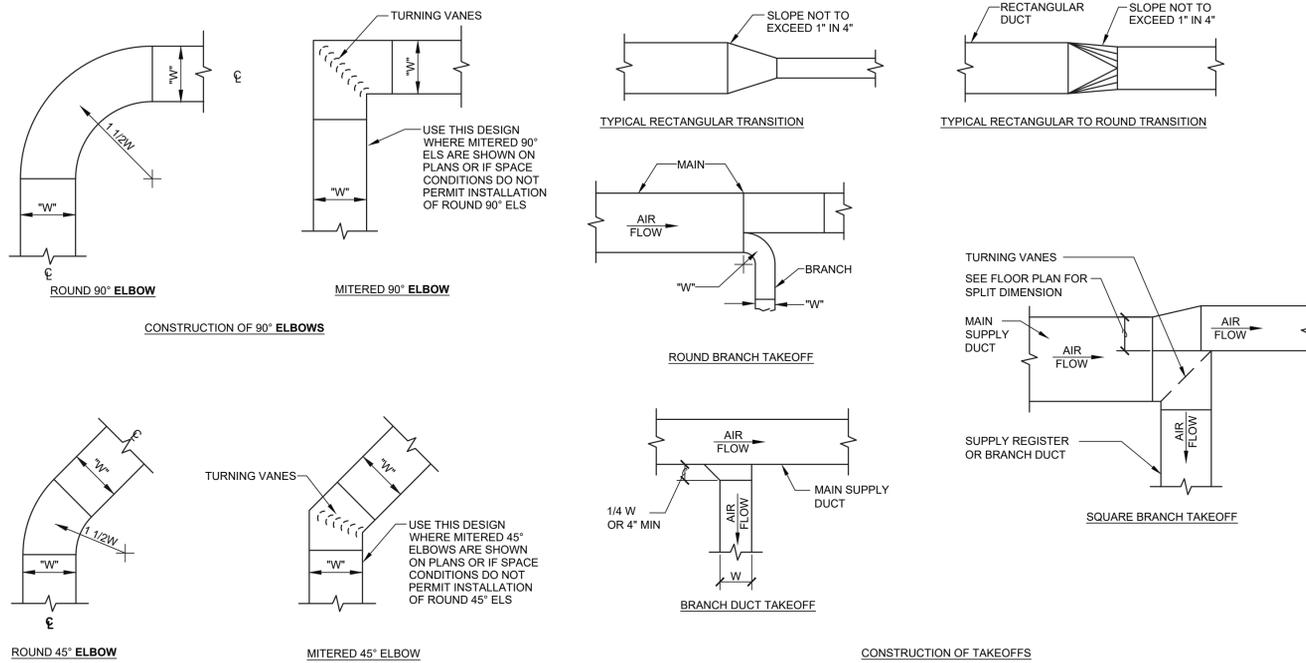
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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

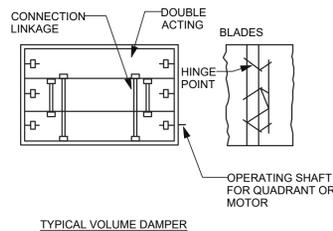
**INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
RESTAURANT KITCHEN WITH FOOD VENDING
MECHANICAL DETAILS 1 OF 2**

CONTRACT NUMBER 22-523	SHEET NUMBER K-M-81
DWG NO.: 556 of 664	SCALE: AS INDICATED
DATE: 08/23/2022	REV. NO.: 0
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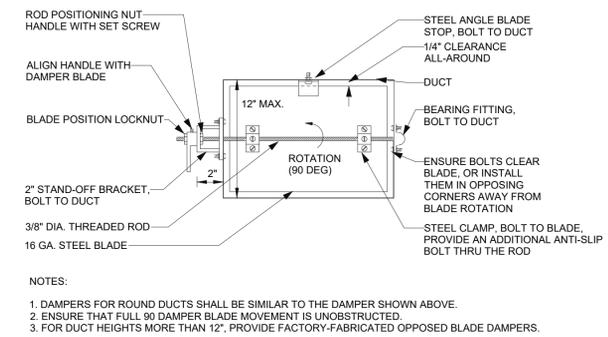


INSTALLATION NOTES:

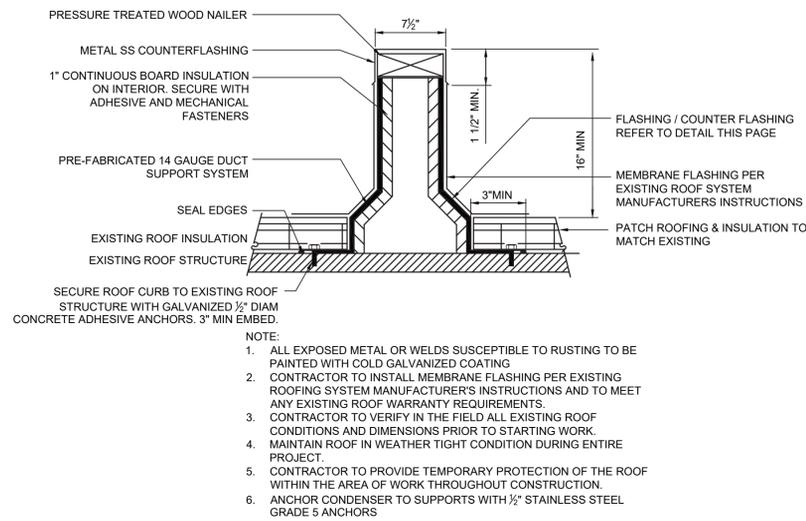
- ALL DUCT TRANSITIONS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY SMACNA.
- ALL DUCTS SHALL BE CONSTRUCTED AND ERECTED IN A NEAT AND WORKABLE MANNER.
- DUCTS SHALL BE CONSTRUCTED OF THE WEIGHTS, GAUGES AND MATERIAL SPECIFIED.
- THE DIMENSION SHOWN FOR ALL DUCTS SHOWN IN PLAN GIVE THE WIDTH FIRST AND THEN THE HEIGHT.
- DUCT RISERS SHOULD BE SUPPORTED BY ANGLES AT EVERY FLOOR.
- AIR TURN SHALL BE INSTALLED IN ALL ABRUPT ELBOWS TO PREVENT TURBULENCE.
- DUCTS SHALL BE SECURELY ATTACHED TO THE BUILDING CONSTRUCTION IN AN APPROVED MANNER.
- DIVERGING TRANSITION PIECES SHALL BE MADE AS GRADUAL AS POSSIBLE.
- INSTALL FIRE DAMPERS IN ACCORDANCE WITH UL 555.
- ACCESS PANELS SHOULD BE PLACED BEFORE AND/OR AFTER EQUIPMENT INSTALLED IN THE DUCT.
- DUCT AREA SHOULD NOT BE DECREASED MORE THAN 10 PERCENT WHEN OBSTRUCTIONS CANNOT BE AVOIDED, AND THEN A STREAMLINED FITTING SHOULD BE USED.
- FLEXIBLE FABRIC CONNECTIONS (OR EQUAL) SHOULD BE USED ON BOTH INLETS AND OUTLETS OF ALL FANS AND AIR HANDLING UNIT.
- JOINTS AND SEAMS OF SUPPLY DUCTS SHALL BE FASTENED SECURELY AND MADE AIR TIGHT.
- VANES SHORTER THAN 36" SHALL BE SINGLE WALL, WITH A 2" RADIUS AND 1 1/2" SPACING. VANES LARGER THAN 36" AND SHORTER THAN 48" SHALL BE DOUBLE WALL, WITH A 2" OUTER RADIUS, 1" INNER RADIUS, AND 2 1/8" SPACING. VANES LONGER THAN 48" SHALL BE DOUBLE WALL, WITH A 4 1/2" OUTER RADIUS, 2 1/4" INNER RADIUS, AND 3 1/4" SPACING. NO TURNING VANES SHALL INCLUDE A TRAILING EDGE.



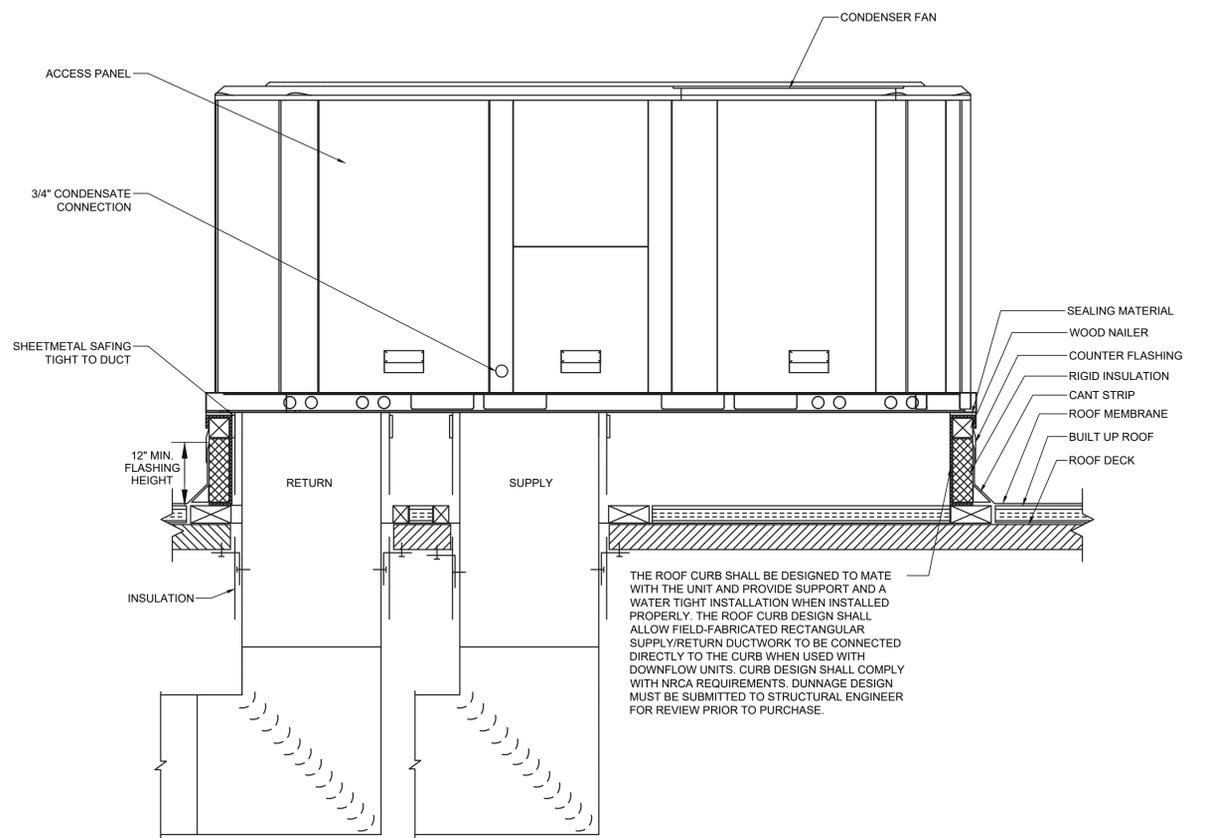
1 MECHANICAL DUCT CONSTRUCTION DETAIL
M-82 SCALE: NOT TO SCALE



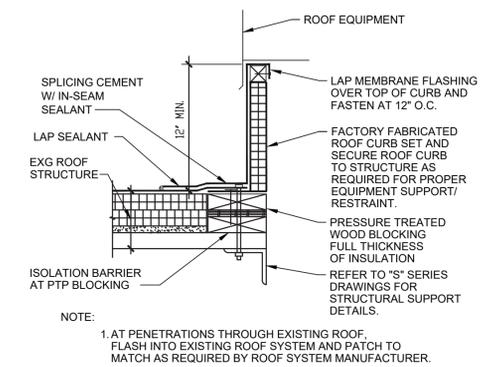
3 MECHANICAL VOLUME DAMPER DETAIL
M-82 SCALE: NOT TO SCALE



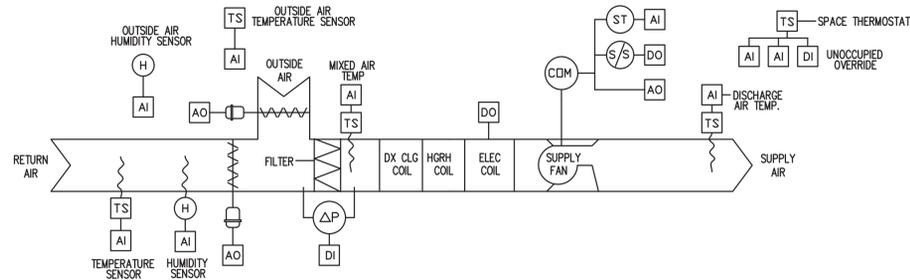
4 MECHANICAL EQUIP RAILS DETAIL
M-81 SCALE: NOT TO SCALE



2 ROOF TOP UNIT (RTU) DETAIL
M-82 SCALE: NOT TO SCALE



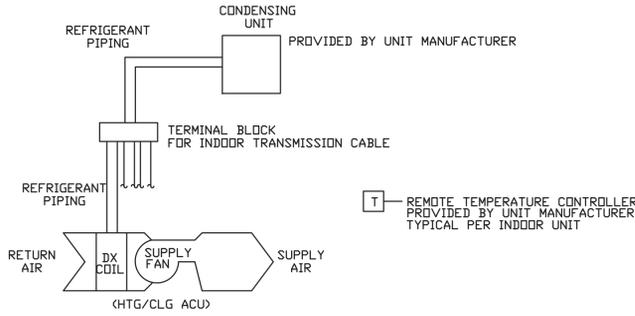
5 ROOF CURB DETAIL
M-82 SCALE: NOT TO SCALE



ROOFTOP UNIT - ELECTRIC HEATING COIL AND DX COOLING - SEQUENCE OF OPERATIONS:

1. GENERAL:
 - a. SUPPLY FAN AND ASSOCIATED EXHAUST FANS SHALL RUN CONTINUOUSLY. THE SUPPLY FAN SHALL RUN AT THE FREQUENCY DETERMINED BY THE BALANCING CONTRACTOR. THE RTU SYSTEMS CONSISTS OF SUPPLY FANS W/ EC MOTOR CONTROLLER, BAROMETRIC (PASSIVE) RELIEF, RETURN AIR DAMPERS, ECONOMIZER, DAMPERS, DX COOLING COIL, HOT-GAS REHEAT COIL, AND GAS-FIRED HEATING COIL.
 - b. THE RTU SYSTEM IS DESIGNED TO PROVIDE VENTILATION, HEATING AND COOLING SUPPLY AIR, AND MAKEUP FOR GENERAL KITCHEN EXHAUST TO A SINGLE ZONE. FUTURE KITCHEN HOOD MAKEUP AIR TO BE PROVIDED BY RESTAURANT VENDOR WITH DEDICATED SYSTEMS.
 - c. THE RTU SYSTEM IS PROVIDED AS A PACKAGED SYSTEM, WITH MANUFACTURER PROVIDED UNIT CONTROLLER.
 - d. THE CONTROL CONTRACTOR SHALL REVIEW MANUFACTURER SHOP DRAWINGS AND CONTROL DEVICE INSTALLATION, FURNISH AND INSTALL ALL REMAINING CONTROL DEVICES AND FIELD INSTALLED ACCESSORIES TO PERFORM THE SEQUENCES INDICATED. REFER TO EQUIPMENT SCHEDULES AND DETAILS FOR DEVICES INCLUDED WITH THE EQUIPMENT.
2. OCCUPIED MODE:
 - a. SUPPLY FAN AND ASSOCIATED EXHAUST FANS SHALL RUN CONTINUOUSLY (SINGLE ZONE VAV).
 - b. THE OUTSIDE AIR DAMPER SHALL OPEN TO THE POSITION REQUIRED TO MAINTAIN THE MINIMUM OUTSIDE AIR QUANTITY INDICATED. OUTSIDE AIR DAMPER SHALL NEVER BE POSITIONED BELOW THIS MINIMUM POSITION EXCEPT IN CASE OF ALARM.
 - c. HEATING: WHEN THE SPACE TEMPERATURE IS AT OR BELOW THE HEATING SETPOINT, THE ELECTRIC COIL SHALL MODULATE TO MAINTAIN SPACE HEATING SETPOINT SUBJECT TO A DISCHARGE HIGH LIMIT OF 100 DEG. F (ADJUSTABLE) AND DISCHARGE LOW LIMIT OF 70 DEG. F (ADJUSTABLE).
 - d. FREE COOLING: WHEN THE SPACE TEMPERATURE RISES 3 DEG. F (ADJUSTABLE) ABOVE THE SPACE HEATING SETPOINT, AND THE OUTSIDE AIR ENTHALPY IS LOWER THAN THE SPACE ENTHALPY, THE OUTSIDE AIR DAMPER SHALL MODULATE OPEN AND THE ASSOCIATED RELIEF DAMPER SHALL OPEN TO MAINTAIN THE OCCUPIED SETPOINT. THIS SHALL BE DONE SUBJECT TO LOW LIMIT OF 55 DEG. F (ADJUSTABLE) AND WITH THE ELECTRIC HEATING COIL DISABLED.
 - e. COOLING: WHEN THE SPACE TEMPERATURE IS 3 DEG. F (ADJUSTABLE) ABOVE THE COOLING SETPOINT, AND THE OUTSIDE AIR CANNOT COOL THE SPACE, THE RESPECTIVE CONDENSING UNIT SHALL BE CYCLED WITH THE ELECTRIC HEATING COIL DISABLED TO MAINTAIN SPACE TEMPERATURE. USE 5 DEG. F (ADJUSTABLE) DEADBAND BETWEEN HEATING AND COOLING SETPOINTS.
3. ECONOMIZER OPERATION
 - a. ECONOMIZER OPERATION IS ENABLED WHEN OUTDOOR AIR ENTHALPY IS LESS THAN RETURN AIR ENTHALPY.
 - b. THE OUTSIDE AIR AND RETURN AIR DAMPERS SHALL MODULATE AS REQUIRED TO OPTIMIZE SUPPLY AIR TEMPERATURE SETPOINT VIA FREE COOLING. THIS IS TYPICALLY A FULLY OPEN OUTSIDE AIR DAMPER DURING SUMMER MONTHS, AND PARTIALLY OPEN OUTSIDE AIR AND RETURN AIR DAMPERS DURING WINTER MONTHS.
 - c. IF ECONOMIZER MODE CAN NOT FULLY PROVIDE THE REQUIRED DISCHARGE AIR TEMPERATURE, THE DX COOLING COIL SHALL SUPPLEMENT AS REQUIRED.
4. UNOCCUPIED MODE:
 - a. THE SUPPLY AND ASSOCIATED EXHAUST FAN SHALL BE OFF.
 - b. THE OUTSIDE AIR DAMPER AND THE ASSOCIATED RELIEF HOOD DAMPER SHALL BE FULLY CLOSED AND THE RETURN AIR DAMPER SHALL BE FULLY OPEN.
 - c. ON DROP IN SPACE TEMPERATURE BELOW THE UNOCCUPIED HEATING SETPOINT, CYCLE THE FAN ON AND ELECTRICAL COIL SHALL OPERATE AT THE FULL RATE TO MAINTAIN REDUCED SPACE TEMPERATURE. USE 5 DEG. F (ADJUSTABLE) DEADBAND TO MINIMIZE SHORT CYCLING.
 - d. A TIMED LOCAL OVERRIDE CONTROL SHALL ALLOW AN OCCUPANT TO OVERRIDE THE SCHEDULE AND PLACE THE UNIT IN OCCUPIED MODE FOR 1 HOUR (ADJUSTABLE). AT EXPIRATION OF THIS TIME, CONTROL OF THE UNIT SHALL AUTOMATICALLY RETURN TO THE SCHEDULE.
5. WARM-UP MODE:
 - a. THE UNIT SHALL START PER AN OPTIMUM START PROGRAM.
 - b. THE OUTSIDE AIR DAMPER AND THE ASSOCIATED RELIEF HOOD DAMPER SHALL BE FULLY CLOSED, THE RETURN AIR DAMPER SHALL BE FULLY OPEN, AND THE ASSOCIATED EXHAUST FAN SHALL BE OFF.
 - c. THE SUPPLY FAN SHALL RUN AND THE ELECTRIC HEATING COIL SHALL MODULATE TO MAINTAIN OCCUPIED SETPOINT.
6. SAFETIES:
 - a. DIFFERENTIAL PRESSURE ACROSS THE AIR FILTERS SHALL GENERATE AN ALARM AT UNIT CONTROLLER WHENEVER THE DIFFERENTIAL PRESSURE EXCEEDS ITS ADJUSTABLE SETPOINT.
 - b. IF THE DISCHARGE AIR TEMPERATURE DROPS BELOW 35 DEG F (ADJUSTABLE), THE SUPPLY FAN SHALL TURN OFF AND SHALL BE LOCKED OUT, AND AN ALARM SHALL BE ACTIVATED.
 - c. IF THE DISCHARGE AIR TEMPERATURE RISES ABOVE 120 DEG. F (ADJUSTABLE), THE ELECTRIC HEATING COIL SHALL TURN OFF AND AN ALARM SHALL BE ACTIVATED.

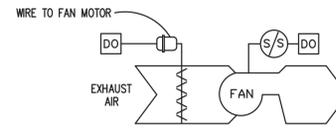
1 ROOFTOP UNIT - ELECTRIC COIL AND DX COOLING
M-91 SCALE: NOT TO SCALE



MULTIPLE DUCTLESS SPLIT SYSTEMS - HEATING AND COOLING - SEQUENCE OF OPERATIONS:

1. UNITS SHALL BE CONTROLLED WITH UNIT PROVIDED THERMOSTATS AND CONNECTED TO CONTROLLER.
2. GENERATE AN ALARM AT CONTROLLER WHEN THE TEMPERATURE GOES ABOVE OR BELOW ROOM TEMPERATURE RANGE (ADJUSTABLE).

2 MULTIPLE DUCTLESS SPLIT SYSTEM
M-61 SCALE: NOT TO SCALE

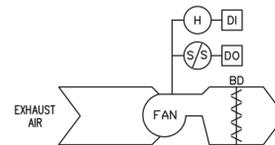


EXHAUST FAN - CONSTANT SPEED - SEQUENCE OF OPERATIONS:

INTERLOCK THE OPERATION OF THE EXHAUST FANS AND AUTOMATIC DAMPERS WITH THEIR RESPECTIVE HEATING AND COOLING EQUIPMENT, RTU-1.

1. OCCUPIED MODE:
 - a. THE EXHAUST FAN SHALL RUN CONTINUOUSLY AND THE AUTOMATIC AIR DAMPER SHALL OPEN.
3. UNOCCUPIED MODE:
 - a. THE EXHAUST FAN SHALL BE OFF AND THE AUTOMATIC AIR DAMPER SHALL BE CLOSED.
4. WARM-UP MODE:
 - a. THE EXHAUST FAN SHALL BE OFF AND THE AUTOMATIC AIR DAMPER SHALL BE CLOSED.

4 EXHAUST FAN - CONSTANT SPEED
M-91 SCALE: NOT TO SCALE

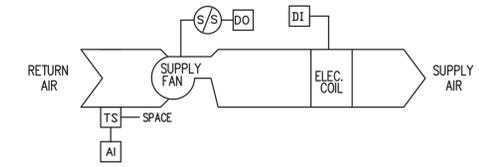


EXHAUST FAN - CONSTANT SPEED - SEQUENCE OF OPERATIONS:

GENERAL: EACH EXHAUST FAN CONSISTS OF FAN, BACKDRAFT DAMPER, AND EC MOTOR CONTROLLER

1. OCCUPIED MODE:
 - a. THE EXHAUST FAN SHALL RUN WHEN THE RELATIVE HUMIDITY IN THE SPACE SERVED EXCEEDS 60 PERCENT.
3. UNOCCUPIED MODE:
 - a. THE EXHAUST FAN SHALL RUN WHEN THE RELATIVE HUMIDITY IN THE SPACE SERVED EXCEEDS 60 PERCENT.
4. WARM-UP MODE:
 - a. THE EXHAUST FAN SHALL RUN WHEN THE RELATIVE HUMIDITY IN THE SPACE SERVED EXCEEDS 60 PERCENT.

5 ATTIC EXHAUST FAN - CONSTANT SPEED
M-91 SCALE: NOT TO SCALE



UNIT HEATER - ELECTRIC - SEQUENCE OF OPERATIONS:

1. ON DROP IN SPACE TEMPERATURE BELOW OCCUPIED HEATING SETPOINT, CYCLE THE FAN ON AND MODULATE (2 STAGE) ELECTRIC COIL TO MAINTAIN SPACE OCCUPIED SETPOINT. FAN SHALL HAVE DELAYED SHUT OFF AFTER VALVE CLOSES. USE 5 DEG. F (ADJUSTABLE) DEADBAND TO MINIMIZE SHORT CYCLING.

6 UNIT HEATER - ELECTRIC
M-91 SCALE: NOT TO SCALE

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