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

CONSULTANT SEAL

AS BUILT - CHANGES AS NOTED CONTRACTOR NAME SIGNATURE REVISION DATE MADE APP'D BY BY REVISION

PROJECT COORDINATOR NAME \_\_\_\_ SIGNATURE \_\_\_\_\_

\_\_\_\_ AS BUILT — NO CHANGES

RECORD DRAWING CERTIFICATION

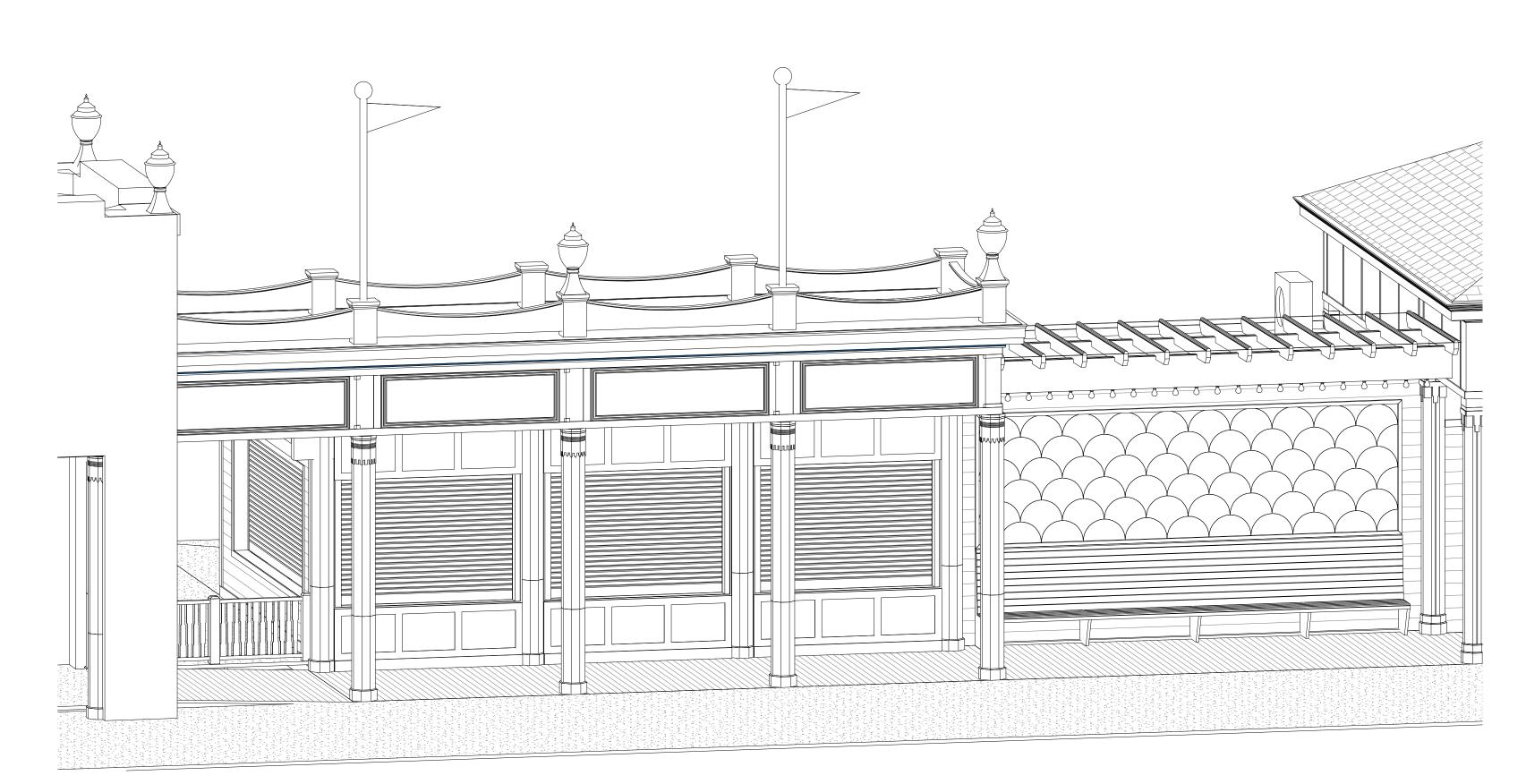
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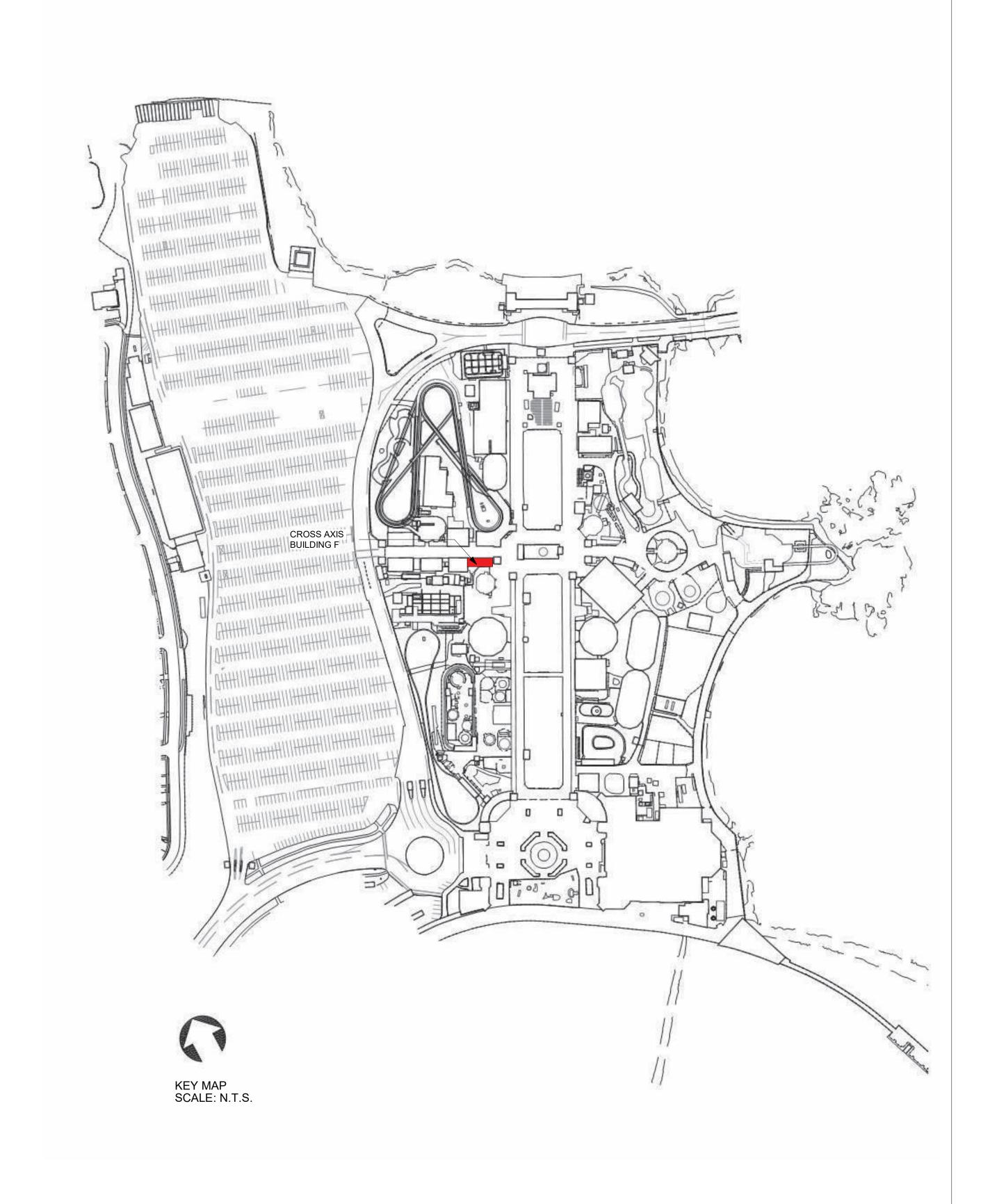
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING INFRASTRUCTURE REHABILITATION PHASE 3 PLAYLAND PARK, RYE, NEW YORK

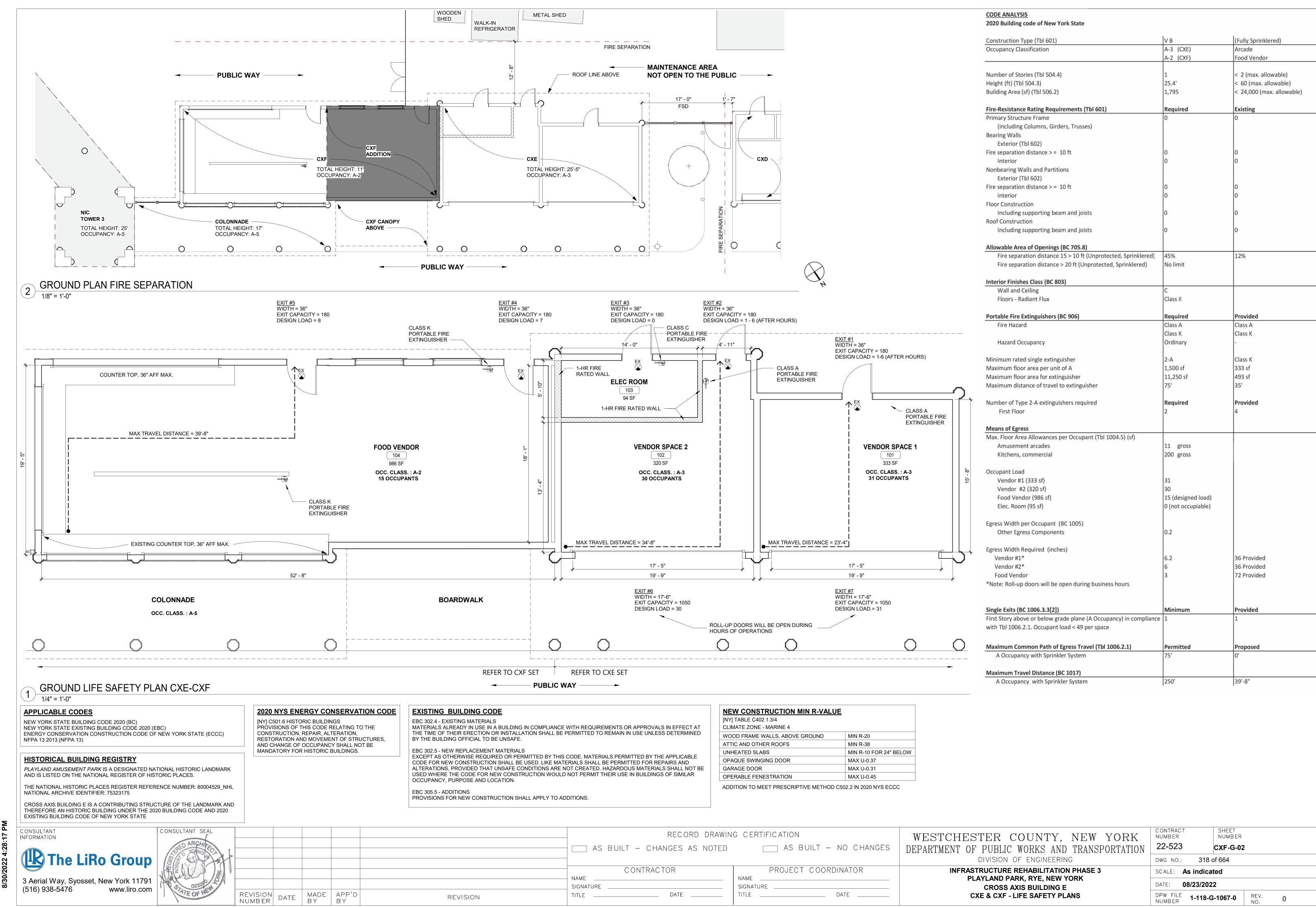
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CONTRACT NUMBER SHEET NUMBER 22-523 CXF-G-01 DWG NO.: 317 of 664 SCALE: **12" = 1'-0"** DATE: **08/23/2022** DPW FILE **1-118-G-1066-0** REV. NO.

1 CXF - BUILDING AXONOMETRIC





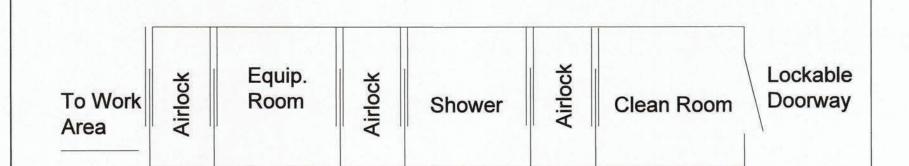


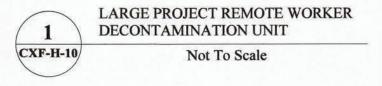
**SHEET NOTES CONSTRUCTION NOTES** -REPLACE ALL PLANTED MATTER DISTURBED DURING CONSTRUCTION UNLESS STATED OTHERWISE. -PROVIDE PROTECTION FOR EXISTING FEATURES TO REMAIN. PROVIDE PROTECTION PLAN FOR APPROVAL -REPAIR ALL DAMAGED PARK PROPERTY INCURRED DURING CONSTRUCTION.
-REPAIR ASPHALT AS REQUIRED -SCHEDULE AND COMPLETE WORK AS REQUIRED TO GIVE THE SITE IMPROVEMENT CONTRACTORS ACCESS TO THEIR JOBSITE -REPAIR SOD AS REQUIRED **RESTORATION KEY NOTES RESTORATION LEGEND** 1> NEW GRAVEL (PERMEABLE) SURFACE. SEE DETAIL 3 ON SHEET ASPHALT REPAIR ② REPAIR ASPHALT AS REQUIRED GRAVEL SURFACE IN AREA SHOWN ON 3/CXE-G-3 CXA RCX TOWER - 6" HIGH CRUSHED STONE (1 1/2" -3") DIAMETER CLEAN STONE FLUSH METAL LANDSCAPE EDGING VERTICAL SAWCUT NEW FENCE WITH GATE TO MATCH EXISTING FENCE EXISTING ASPHALT LEVEL BOTTOM (UNCOMPACTED) COVERED WITH GEOTEXTILE FABRIC UNCOMPACTED SUBGRADE 2 SITE RESTORATION PLAN
1/8" = 1'-0" 1 GRAVEL SURFACE
1" = 1'-0" CONSULTANT SEAL CONTRACT NUMBER SHEET NUMBER CONSULTANT INFORMATION RECORD DRAWING CERTIFICATION WESTCHESTER COUNTY, NEW YORK 22-523 \_\_\_ AS BUILT - NO CHANGES CXF-G-03 AS BUILT - CHANGES AS NOTED DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION The LiRo Group DIVISION OF ENGINEERING DWG NO.: 319 of 664 PROJECT COORDINATOR CONTRACTOR **INFRASTRUCTURE REHABILITATION PHASE 3** SCALE: **As indicated** PLAYLAND PARK, RYE, NEW YORK
CXD - CXE - CXF 3 Aerial Way, Syosset, New York 11791 (516) 938-5476 www.liro.com NAME DATE: **08/23/2022** SIGNATURE \_\_\_\_ SIGNATURE MADE APP'D BY BY **CXE - SITE RESTORATION** REVISION NUMBER DATE DATE \_\_\_\_ DPW FILE 1-118-G-1068-0 REV. NO. REVISION

# PLAYLAND REHABILITATION & UPGRADES **CXF - ASBESTOS ABATEMENT**

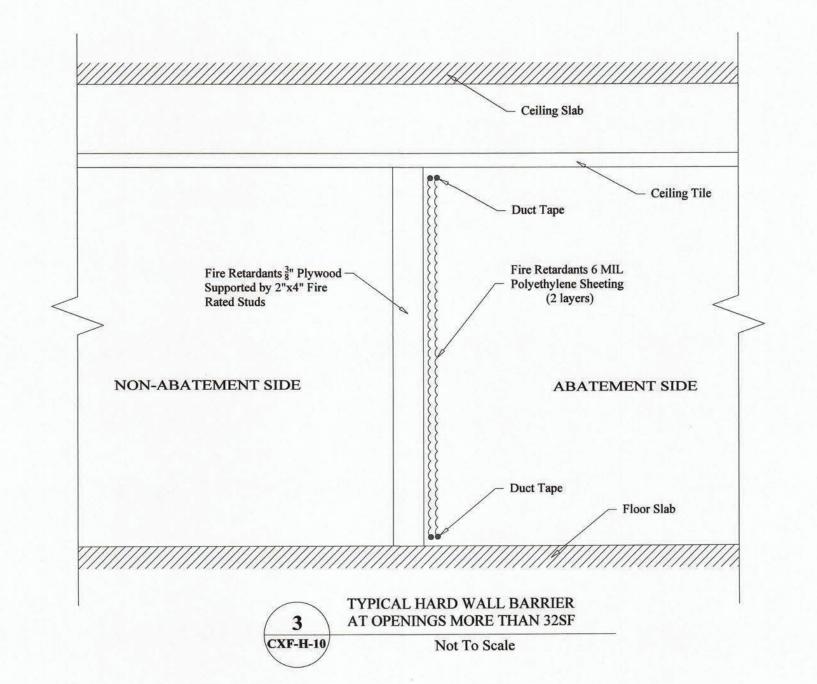
1 PLAYLAND PKWY, RYE, NY 10580







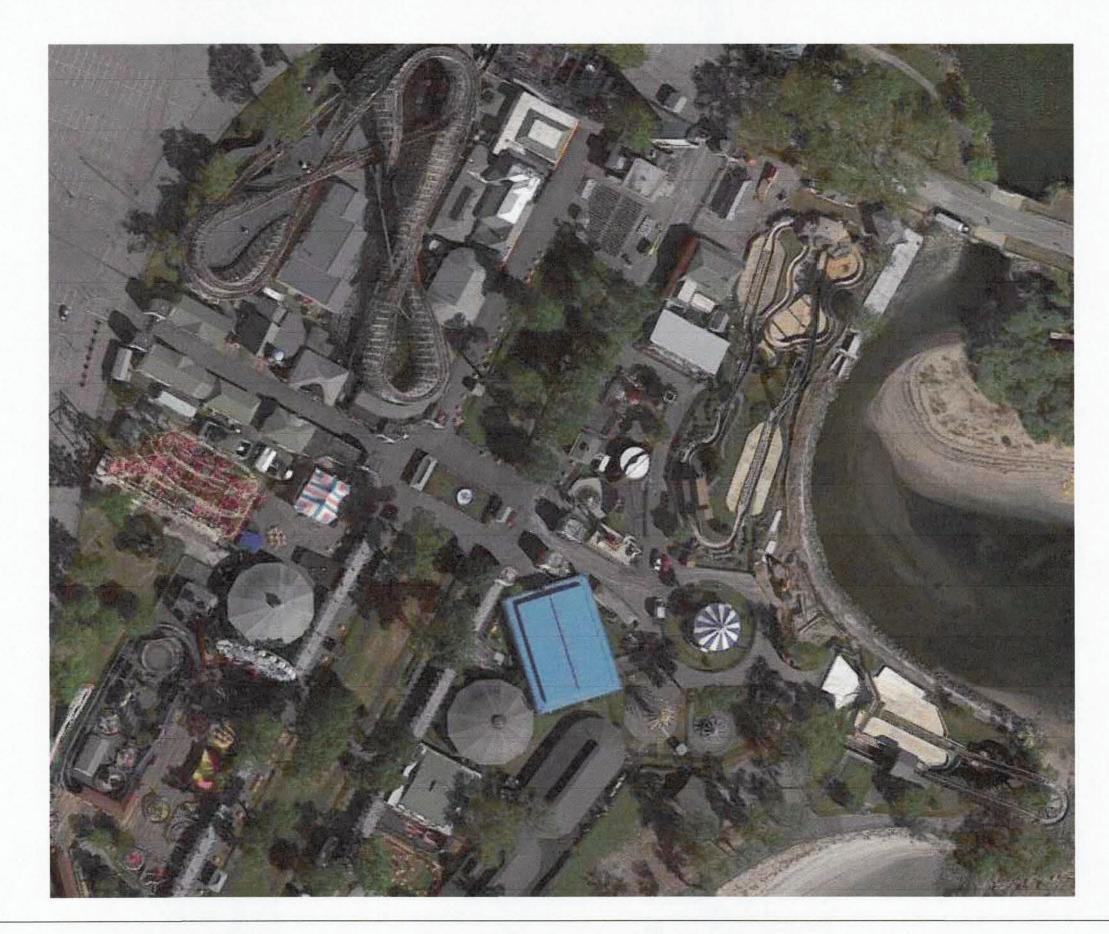
# NON-ABATEMENT



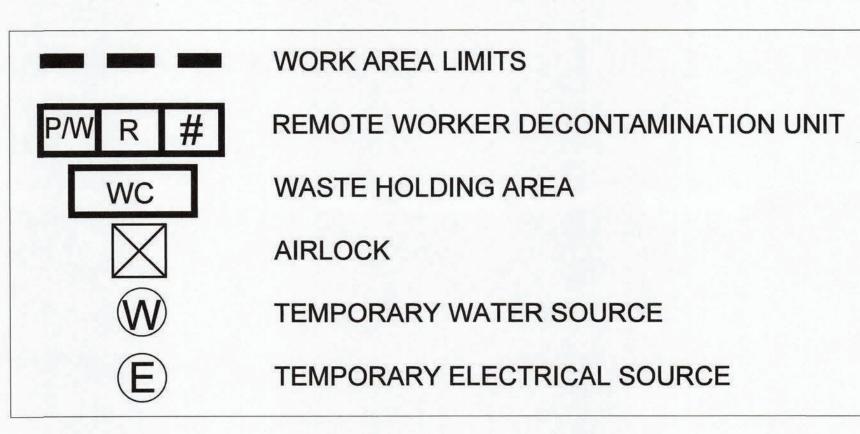
#### **SCOPE OF WORK TABLE:**

Work area	Location	Description of Asbestos Materials	Approximate Quantity of ACM	ICR 56 Procedure
1	CXF Cross Axis Building E (South	Fascia Board	560 SF	56.11.6
2	Games Buildings)	Column Caulk	55 SF	30.11.0

#### **KEYPLAN:**



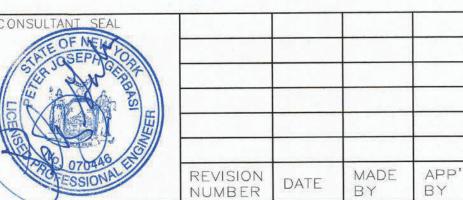
## **LEGEND:**



#### PROJECT NOTES:

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

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



REVISION

RECORD DRAWING CERTIFICATION AS BUILT - CHANGES AS NOTED CONTRACTOR

AS BUILT - NO CHANGES

PROJECT COORDINATOR

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

PLAYLAND PARK, RYE, NEW YORK

**CROSS AXIS BUILDING F GENERAL ASBESTOS ABATEMENT NOTES** 

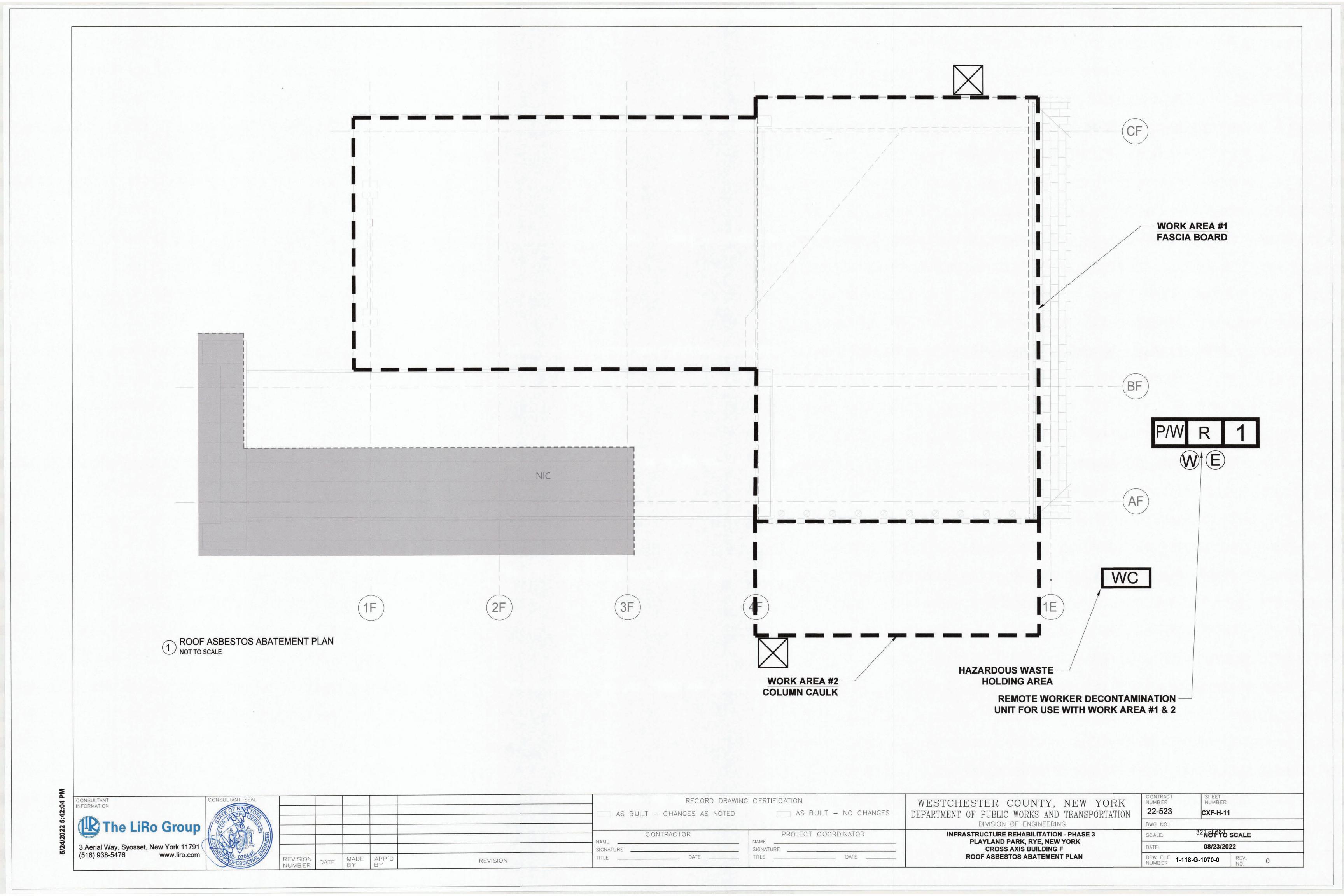
22-523 DWG NO .: **INFRASTRUCTURE REHABILITATION - PHASE 3** 

SLIEET CXF-H-10 32NOT664 SCALE

SCALE:

CONTRAC NUMBER

08/23/2022 DPW FILE 1-118-G-1069-0



## PLAYLAND REHABILITATION & UPGRADES **CXF - LEAD REMEDIATION**

1 PLAYLAND PKWY, RYE, NY 10580

**DETAILS:** 

Equip. Room

Shower

Lockable Doorway Clean Room

#### **SCOPE OF WORK TABLE:**

Work area	Location	Description	Material	Quantity	Procedure
1	Exterior	Entire Building	Painted Surfaces	200 SF	Manual Wet Scraping/Chemical Strip

**KEYPLAN:** 

LEGEND:

**WORK AREA LIMITS** 

OSHA HANDWASHING STATION

LARGE PROJECT REMOTE WORKER

**DECONTAMINATION UNIT** 

HAZARDOUS WASTE STORAGE AREA

HWSA

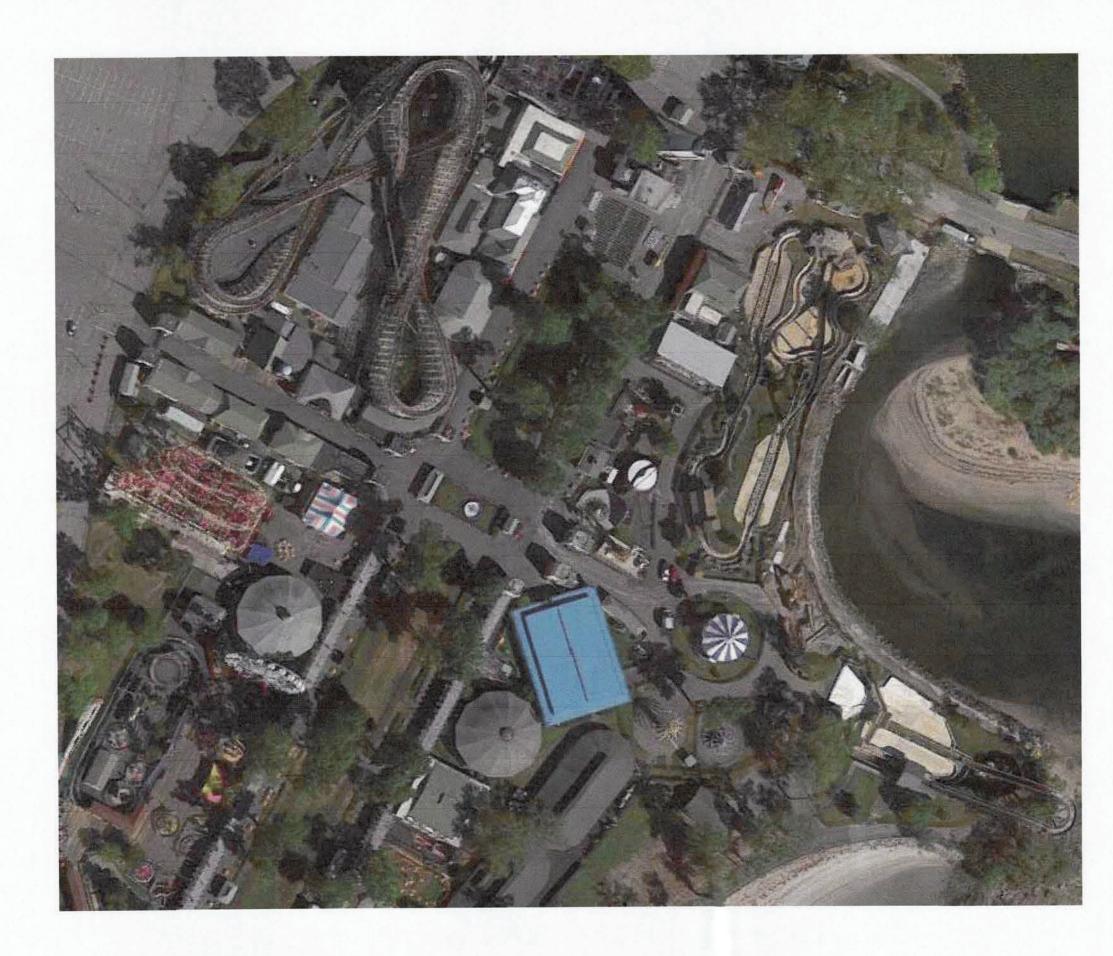
**AIRLOCK** 

CXF-H-20

TEMPORARY WATER SOURCE

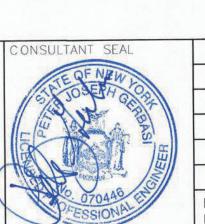
TEMPORARY ELECTRICAL SOURCE

EXTERIOR PAINTED SURFACES

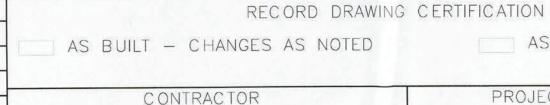


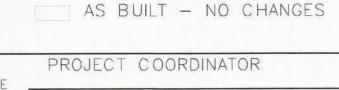
#### **PROJECT NOTES:**

- 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.
- 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.
- The contractor shall prepare a project specific work plan and project specific HASP for the work of this contract.
- LBP remediation shall be consistent with guidelines from SSPC and work shall comply with the OSHA regulations including using of decontamination units and hand wash stations.
- 7. The contractor may propose alternate LBP removal procedures however, use of alternate procedures will require approval by DPW Environmental Consultant; the abatement contractor is responsible with maintaining the physical conditions and integrity of the targeted substrates, and the surrounding structures during abatement work.
- 8. The Contractor shall request and receive in writing prior to preceding with any work info from the owner regarding surfaces/materials that require protection.



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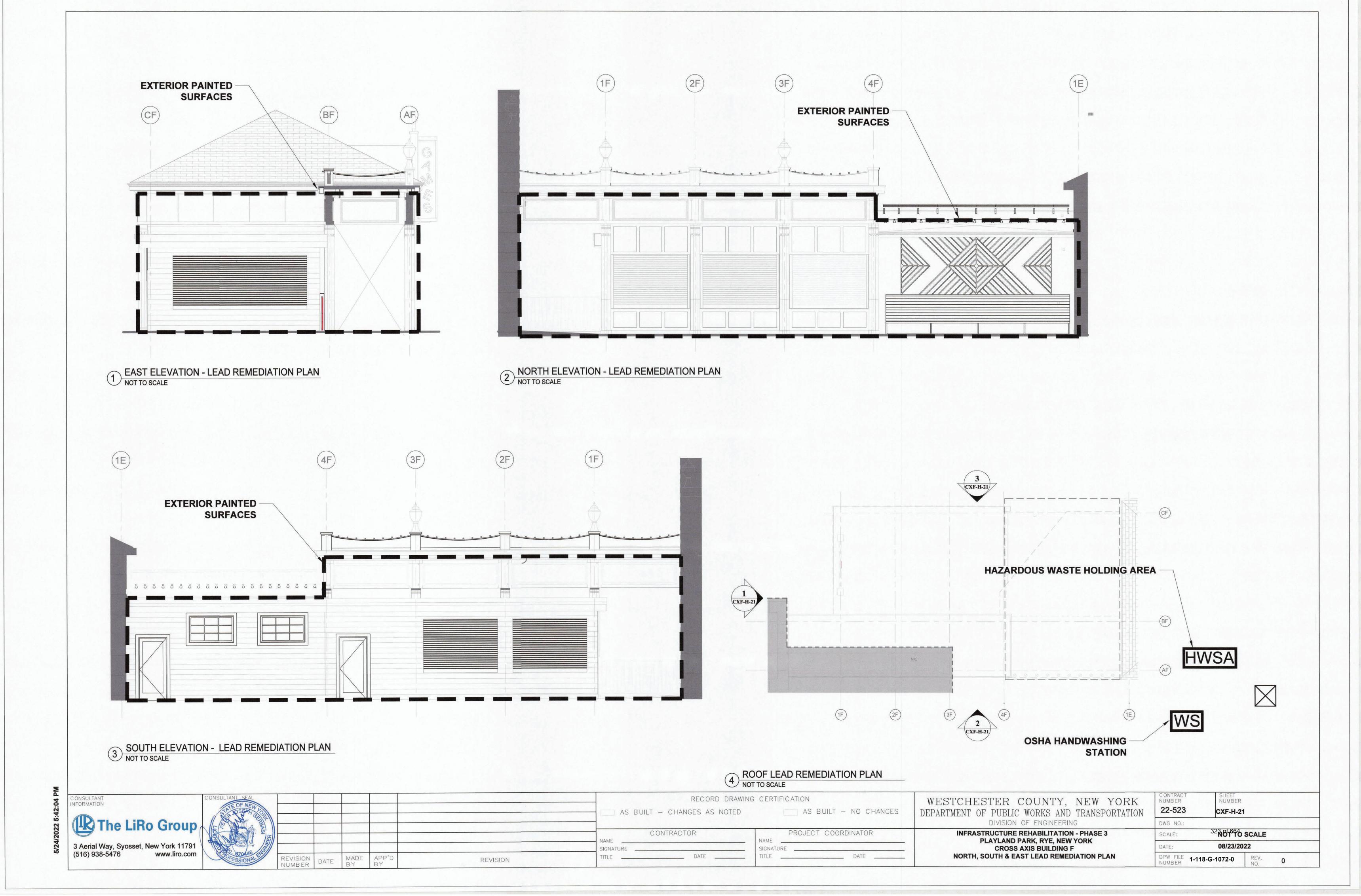


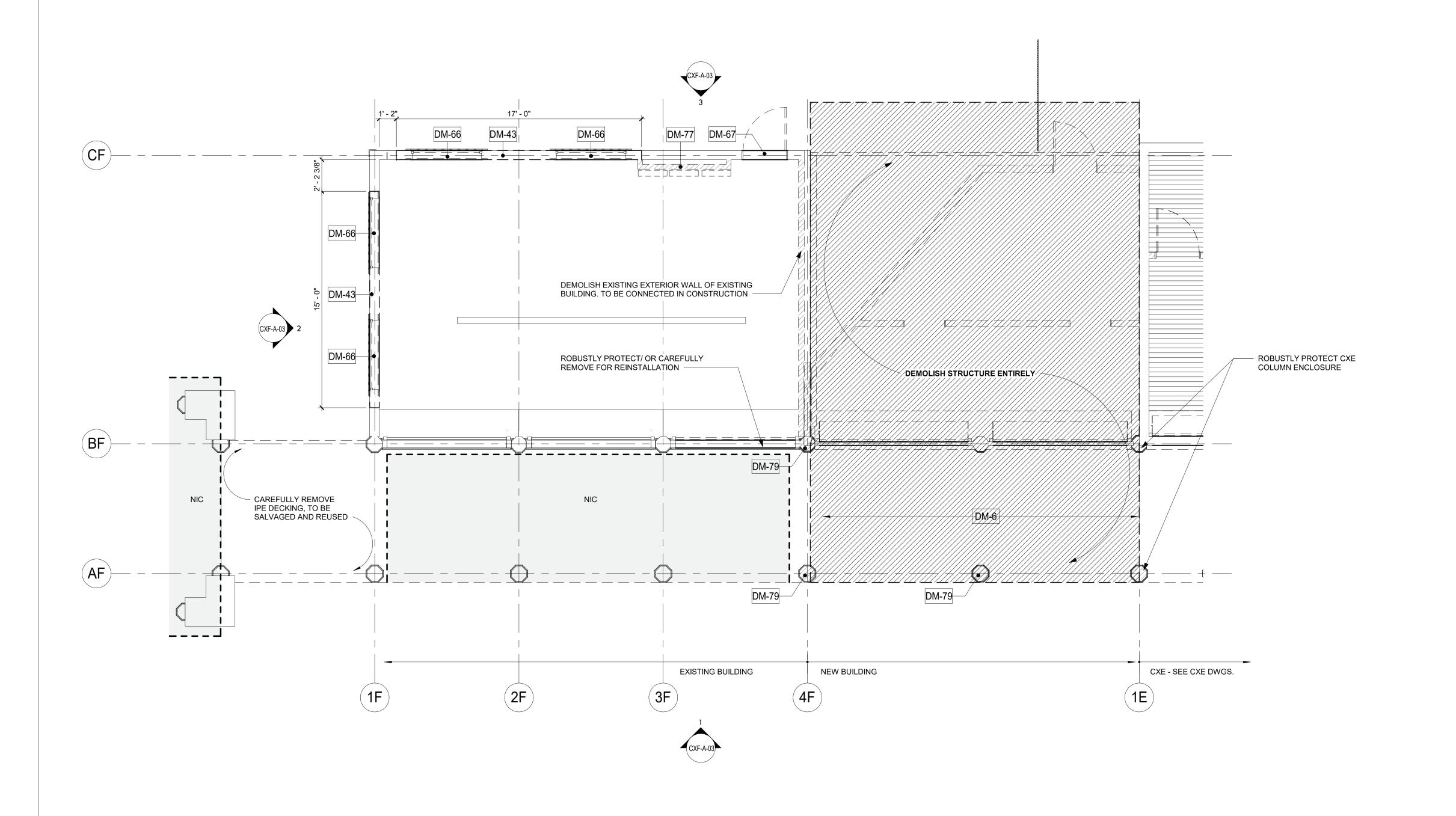
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION - PHASE:** 

> PLAYLAND PARK, RYE, NEW YORK **CROSS AXIS BUILDING F GENERAL LEAD REMEDIATION NOTES**

NUMBER	N
22-523	C
DWG NO.:	
SCALE:	322
DATE:	0

NOTO SCALE DPW FILE 1-118-G-1071-0





#### **DEMOLITION NOTES:**

- THE GENERAL CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIM/HERSELF WITH EXISTING CONDITIONS AND REQUIREMENTS OF THE WORK. THE GENERAL CONTRACTOR SHALL FIELD VERIFY EXACT QUANTITIES OF ALL ITEMS TO BE REMOVED.
- 2. THE CONTRACTOR SHALL PHOTOGRAPH AND DOCUMENT EXISTING HISTORIC DECORATIVE TRIMS INCLUDING SIZES AND PROFILES PRIOR TO ENVIRONMENTAL REMEDIATION WORK START.
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  ITEMS TO BE REMOVED / DEMOLISHED AS INDICATED ON THE DRAWINGS ARE INTENDED TO SHOW THE GENERAL SCOPE OF THE DEMOLITION WORK. THE DRAWINGS DO NOT REPRESENT IN DETAIL ALL ITEMS OR SITUATIONS THAT MAY BE ENCOUNTERED DURING THE DEMOLITION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE, PROTECT, AND MAKE CORRECTIONS AS REQUIRED TO ACHIEVE DRAWING INTENT. THE GENERAL CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY
- STRUCTURAL NONCONFORMITY TO PLANS AND SPECIFICATIONS.

  4. PLAYLAND RESERVES THE RIGHT TO REVIEW ALL MATERIALS DESIGNATED FOR REMOVAL AND TO RETAIN OWNERSHIP OF SUCH MATERIALS. IF PLAYLAND RETAINS ANY MATERIAL THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE PLAYLAND'S SUPERINTENDENT TO HAVE THOSE MATERIALS REMOVED AND STORED OFF SITE AT NO ADDITIONAL COST.
- 5. DEMOLITION OF THE EXISTING BUILDING SHALL INCLUDE REMOVAL OF THE EXISTING FOUNDATIONS FOR THEIR ENTIRE DEPTH TO ACCOMMODATE INSTALLATION OF NEW FOUNDATIONS.
- 6. THE CONTRACTOR SHALL USE EXTREME CAUTION IN AREAS OF DEMOLITION WHICH MAY DISTURB EXISTING STRUCTURES. TEMPORARY SHORING, BARRICADES, DUST PARTITIONS, ETC. SHALL BE PROVIDED AS REQUIRED TO PROTECT ALL EXISTING STRUCTURES AND PROPERTY.
- SEE STRUCTURAL, ELECTRICAL, SPRINKLER, AND PLUMBING DRAWINGS FOR RELATED DEMOLITION WORK.
   VERIFY LOCATION OF EXISTING STRUCTURES AND SHORE UP ROOF/FLOOR ABOVE AS REQUIRED
- 8. VERIFY LOCATION OF EXISTING STRUCTURES AND SHORE OF ROOF/FLOOR ABOVE AS REQUIRED BEFORE REMOVING WALL.

  9. REMOVAL OF ALL CEILINGS AND MOUNTED ITEMS THROUGHOUT THE CONTRACT AREA INCLUDE
- ANCHORING HARDWARE, AND MISCELLANEOUS FASTENINGS, ETC.

  . WALLS SHALL BE REMOVED AS INDICATED ON DEMOLITION PLANS. ALL UTILITIES IN WALL SHALL BE
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- LINES AS REQUIRED. ELECTRICAL WIRING SHALL BE DISCONNECTED BACK TO THE NEAREST ACTIVE LOCATION. ALL ABANDONED COMMUNICATION CABLES (DATA, TELEPHONE, FIRE ALARM, AND AUDIO/VIDEO CABLES) SHALL BE REMOVED TO SOURCE IF NOT TAGGED FOR FUTURE USE.

  12. DEMOLITION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR OF THIS CONTRACTOR TO "CONTRACTOR TO "CONTRACTOR TO "CONTRACTOR" ALL NECESSARY LITERATED TO CONTRACTOR TO "CONTRACTOR".
- 12. DEMOLITION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR OF THIS CONTRACT. CONTRACTOR TO "CUT OFF" ALL NECESSARY UTILITIES REQUIRED TO OBTAIN DESIRED RESULTS. CONTRACTOR TO OBTAIN "SHUT OFF" APPROVALS FROM PLAYLAND PRIOR TO SCHEDULED DEMOLITION.
- 13. THE GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING CONSTRUCTION DISTURBED BY THE WORK AND PREPARE FOR NEW FINISH AS SHOWN ON THE INTERIOR ELEVATIONS.
- 14. THE EXISTING WOOD FLOOR SHALL BE CLEANED TO ALLOW FOR THE APPLICATION OF NEW FLOOR COATING.15. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANING UP AND HAULING AWAY
- 15. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANING UP AND HAULING AWAY
   OF ALL TRASH AND DEBRIS ON A REGULAR BASIS DURING THE CONSTRUCTION PERIOD.
   16. ALL DEBRIS REMOVED FROM THE SITE SHALL BE DISPOSED OF IN A LEGAL MANNER.
- 17. EXISTING EXITS SHALL REMAIN FULLY ACCESSIBLE AND UNOBSTRUCTED DURING THE PROGRESS OF THE WORK.

#### **DEMOLITION LEGEND**

		- INDICATES DEMOLITION
_	<b>-</b>	
	DM - #	DEMOLITION KEY NOTES
		SHINGLES TO BE REMOVED
		SBS MODIFIED BITUMEN TO BE REMOVED
	NIC	INDICATES N.I.C.

#### DEMO KEYNOTES

- DM-6 REMOVE EXISTING WOOD DECKING. (COORDINATE EXTENT OF REMOVAL REQUIRED TO REPAIR FLOOR JOISTS TO REMAIN AS NEEDED SEE STRUCTURAL DRAWINGS).
- DM-43 REMOVE SECTION OF EXISTING WALL. PROVIDE HEADER AND SILL AS REQUIRED TO CREATE A WINDOW OPENING. SEE ELEVATIONS.
- DM-66 CAREFULLY REMOVE WINDOW AND FRAME. TO BE SALVAGED AND REINSTALLED IN CXD WORK (SEE CXD-A-11).
- DM-67 CAREFULLY REMOVE DOOR AND FRAME, FOR REINSTALLATION.
  DM-77 DEMOLISH EXISTING FURRED WALL AND REMOVE ELECTRICAL PANELS (TO BE RELOCATED.
- COORDINATE WITH ELEC DWGS)
- DM-79 REMOVE EXISTING COLUMN ENCLOSURE AND STRUCTURAL POST. USE TEMPORARY SHORING AS REQUIRED. COORDINATE WITH STRUCT DWG.

GROUND FLOOR DEMOLITION PLAN CXF

1/4" = 1'-0"

CONSULTANT INFORMATION

CONSULTANT SEAL

RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED

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REVISION

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REVISION

NUMBER

DATE

\_\_\_\_ DATE \_\_\_\_\_

CONTRACTOR

DATE

NAME

TITLE

SIGNATURE \_\_\_\_

NAME

SIGNATURE

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

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

CONTRACT NUMBER

22-523 CXF-A-01

DWG NO.: 324 of 664

SCALE: As indicated

DATE: 08/23/2022

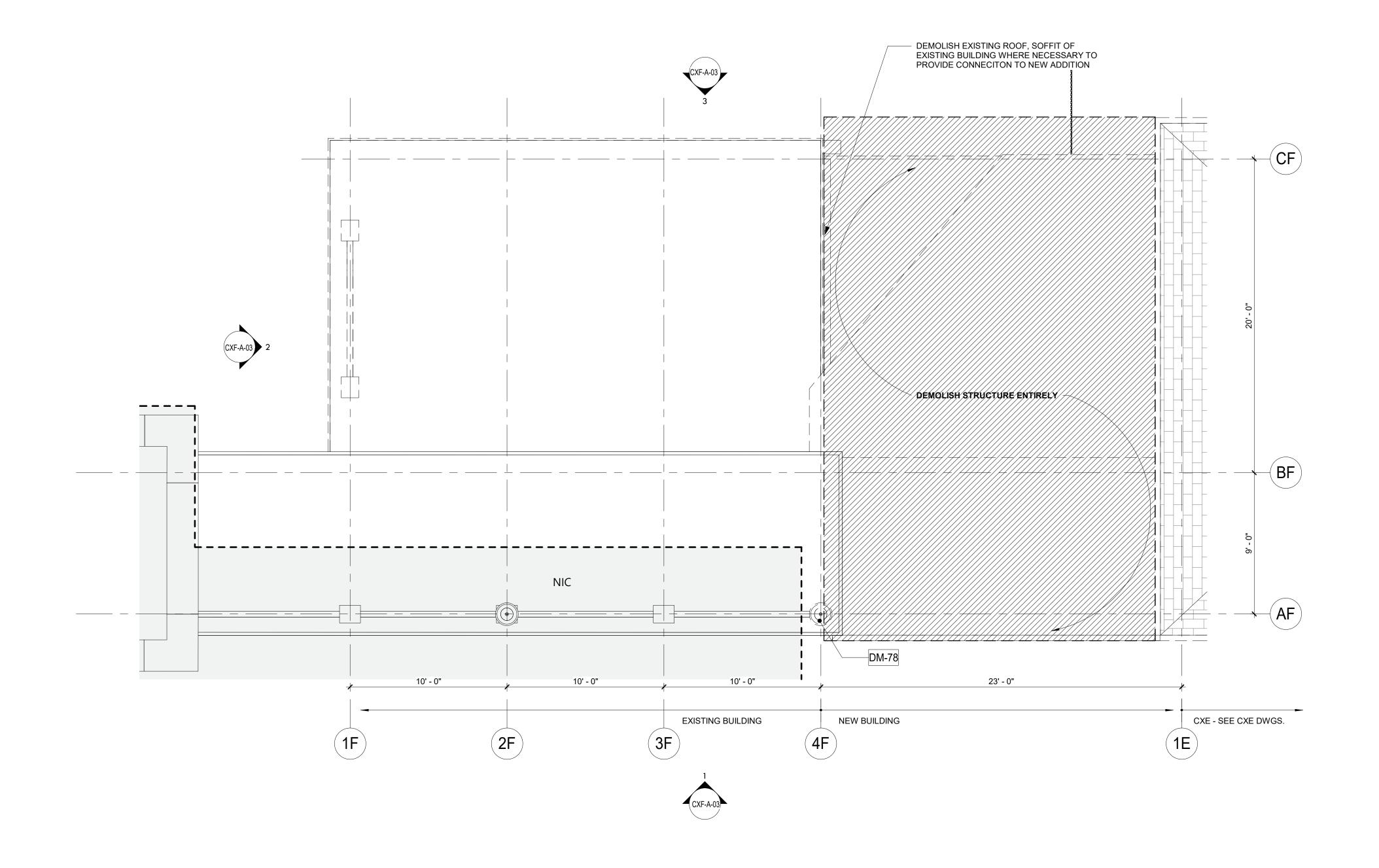
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3 Aerial Way, Syosset, New York 11791

www.liro.com

(516) 938-5476



#### **DEMOLITION NOTES:**

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- SEE STRUCTURAL, ELECTRICAL, SPRINKLER, AND PLUMBING DRAWINGS FOR RELATED DEMOLITION WORK.
- 8. VERIFY LOCATION OF EXISTING STRUCTURES AND SHORE UP ROOF/FLOOR ABOVE AS REQUIRED BEFORE REMOVING WALL.
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  11. REMOVE ALL EXISTING ELECTRICAL AND PLUMBING LINES NOT TO BE RE-USED. CAP PLUMBING LINES AS REQUIRED. ELECTRICAL WIRING SHALL BE DISCONNECTED BACK TO THE NEAREST ACTIVE

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  12. DEMOLITION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR OF THIS CONTRACT. CONTRACTOR TO "CUT OFF" ALL NECESSARY UTILITIES REQUIRED TO OBTAIN DESIRED RESULTS. CONTRACTOR TO OBTAIN "SHUT OFF" APPROVALS FROM PLAYLAND PRIOR TO SCHEDULED DEMOLITION.
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#### **DEMOLITION LEGEND**

— — — INDICATES DEMOLITION

DEMOLITION KEY NOTES

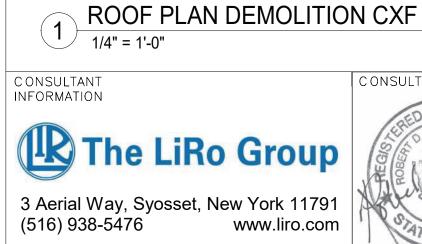
SHINGLES TO BE REMOVED

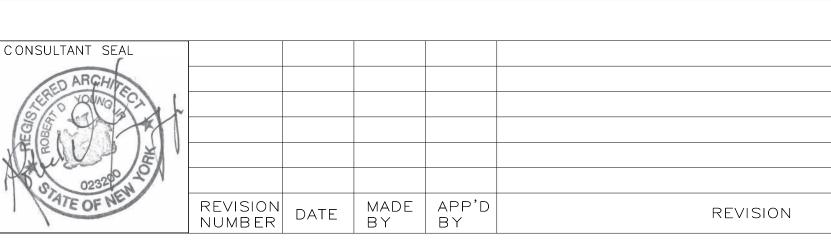
SBS MODIFIED BITUMEN TO BE REMOVED

NIC INDICATES N.I.C.

#### **DEMO KEYNOTES**

DM-78 ACORN LIGHT TO PROTECTED, OR CAREFULLY REMOVED AND REINSTALLED AS NEEDED FOR CONSTRUCTION.





RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR PROJECT COORDINATOR

NAME NAME

DATE .

SIGNATURE

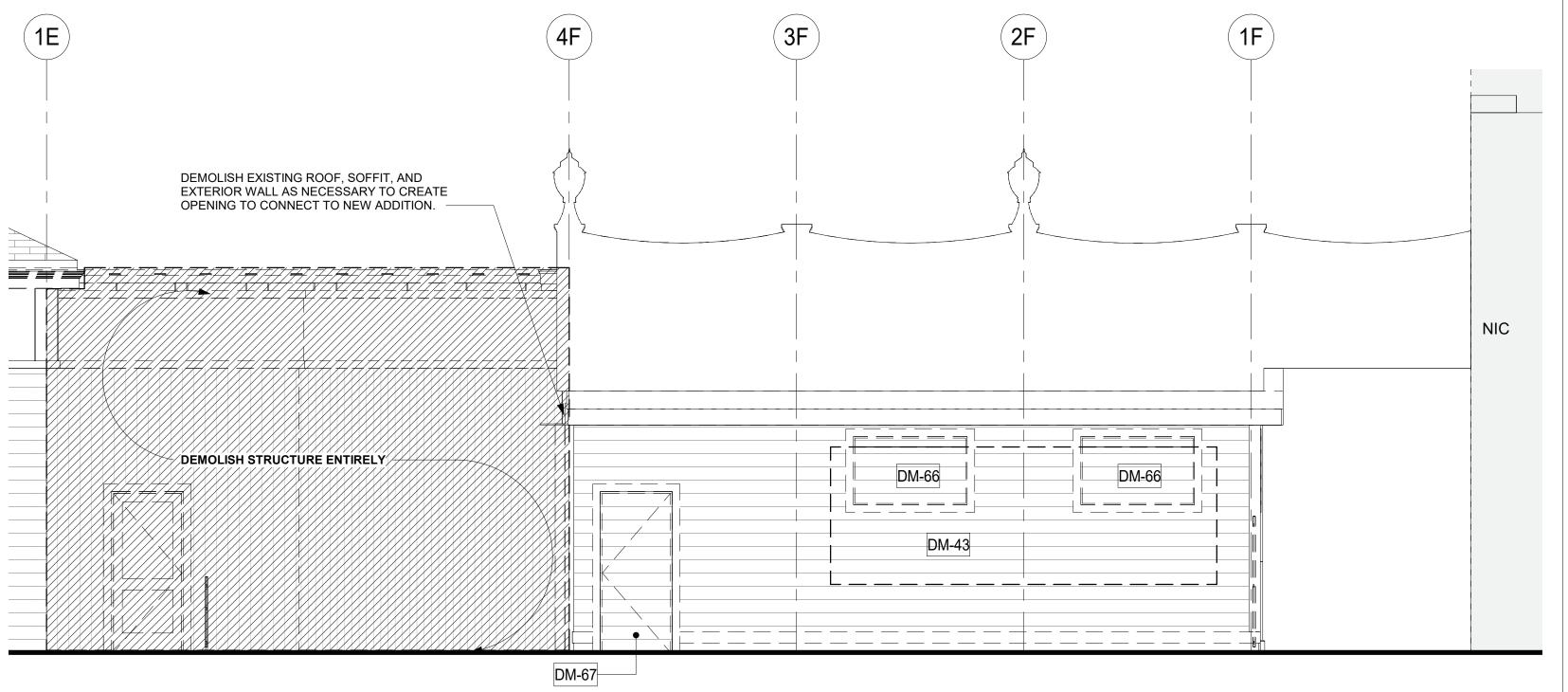
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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

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

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CXF - DEMOLITION ELEVATION - SOUTH



#### **DEMOLITION NOTES:**

- 1. THE GENERAL CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIM/HERSELF WITH EXISTING CONDITIONS AND REQUIREMENTS OF THE WORK. THE GENERAL CONTRACTOR SHALL FIELD VERIFY
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- FOR THEIR ENTIRE DEPTH TO ACCOMMODATE INSTALLATION OF NEW FOUNDATIONS. 6. THE CONTRACTOR SHALL USE EXTREME CAUTION IN AREAS OF DEMOLITION WHICH MAY DISTURB EXISTING STRUCTURES. TEMPORARY SHORING, BARRICADES, DUST PARTITIONS, ETC. SHALL BE PROVIDED AS REQUIRED TO PROTECT ALL EXISTING STRUCTURES AND PROPERTY.
- 8. VERIFY LOCATION OF EXISTING STRUCTURES AND SHORE UP ROOF/FLOOR ABOVE AS REQUIRED BEFORE REMOVING WALL.

7. SEE STRUCTURAL, ELECTRICAL, SPRINKLER, AND PLUMBING DRAWINGS FOR RELATED DEMOLITION

- 9. REMOVAL OF ALL CEILINGS AND MOUNTED ITEMS THROUGHOUT THE CONTRACT AREA INCLUDE ANCHORING HARDWARE, AND MISCELLANEOUS FASTENINGS, ETC.
- 10. WALLS SHALL BE REMOVED AS INDICATED ON DEMOLITION PLANS. ALL UTILITIES IN WALL SHALL BE
- CUT TO BELOW SLAB OR ABOVE THE CEILING. 11. REMOVE ALL EXISTING ELECTRICAL AND PLUMBING LINES NOT TO BE RE-USED. CAP PLUMBING
- LINES AS REQUIRED. ELECTRICAL WIRING SHALL BE DISCONNECTED BACK TO THE NEAREST ACTIVE LOCATION. ALL ABANDONED COMMUNICATION CABLES (DATA, TELEPHONE, FIRE ALARM, AND AUDIO/VIDEO CABLES) SHALL BE REMOVED TO SOURCE IF NOT TAGGED FOR FUTURE USE.
- 12. DEMOLITION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR OF THIS CONTRACT. CONTRACTOR TO "CUT OFF" ALL NECESSARY UTILITIES REQUIRED TO OBTAIN DESIRED RESULTS. CONTRACTOR TO OBTAIN "SHUT OFF" APPROVALS FROM PLAYLAND PRIOR TO
- SCHEDULED DEMOLITION. 13. THE GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING CONSTRUCTION DISTURBED
- BY THE WORK AND PREPARE FOR NEW FINISH AS SHOWN ON THE INTERIOR ELEVATIONS. 14. THE EXISTING WOOD FLOOR SHALL BE CLEANED TO ALLOW FOR THE APPLICATION OF NEW FLOOR
- 15. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANING UP AND HAULING AWAY
- OF ALL TRASH AND DEBRIS ON A REGULAR BASIS DURING THE CONSTRUCTION PERIOD.
- 16. ALL DEBRIS REMOVED FROM THE SITE SHALL BE DISPOSED OF IN A LEGAL MANNER.
- 17. EXISTING EXITS SHALL REMAIN FULLY ACCESSIBLE AND UNOBSTRUCTED DURING THE PROGRESS OF THE WORK.

#### **DEMOLITION LEGEND**

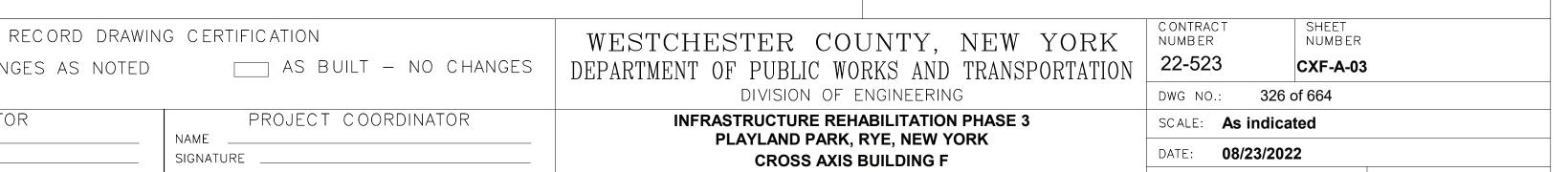
INDICATES DEMOLITION \_\_\_\_ DEMOLITION KEY NOTES DM - # SHINGLES TO BE REMOVED

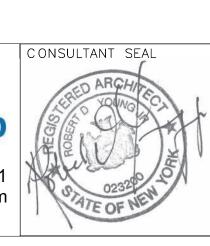
> NIC INDICATES N.I.C.

SBS MODIFIED BITUMEN TO BE REMOVED

#### **DEMO KEYNOTES**

- 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-43 REMOVE SECTION OF EXISTING WALL. PROVIDE HEADER AND SILL AS REQUIRED TO CREATE A WINDOW OPENING. SEE ELEVATIONS.
- DM-66 CAREFULLY REMOVE WINDOW AND FRAME. TO BE SALVAGED AND REINSTALLED IN CXD WORK (SEE DM-67 CAREFULLY REMOVE DOOR AND FRAME, FOR REINSTALLATION.
- DM-78 ACORN LIGHT TO PROTECTED, OR CAREFULLY REMOVED AND REINSTALLED AS NEEDED FOR CONSTRUCTION.





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DATE

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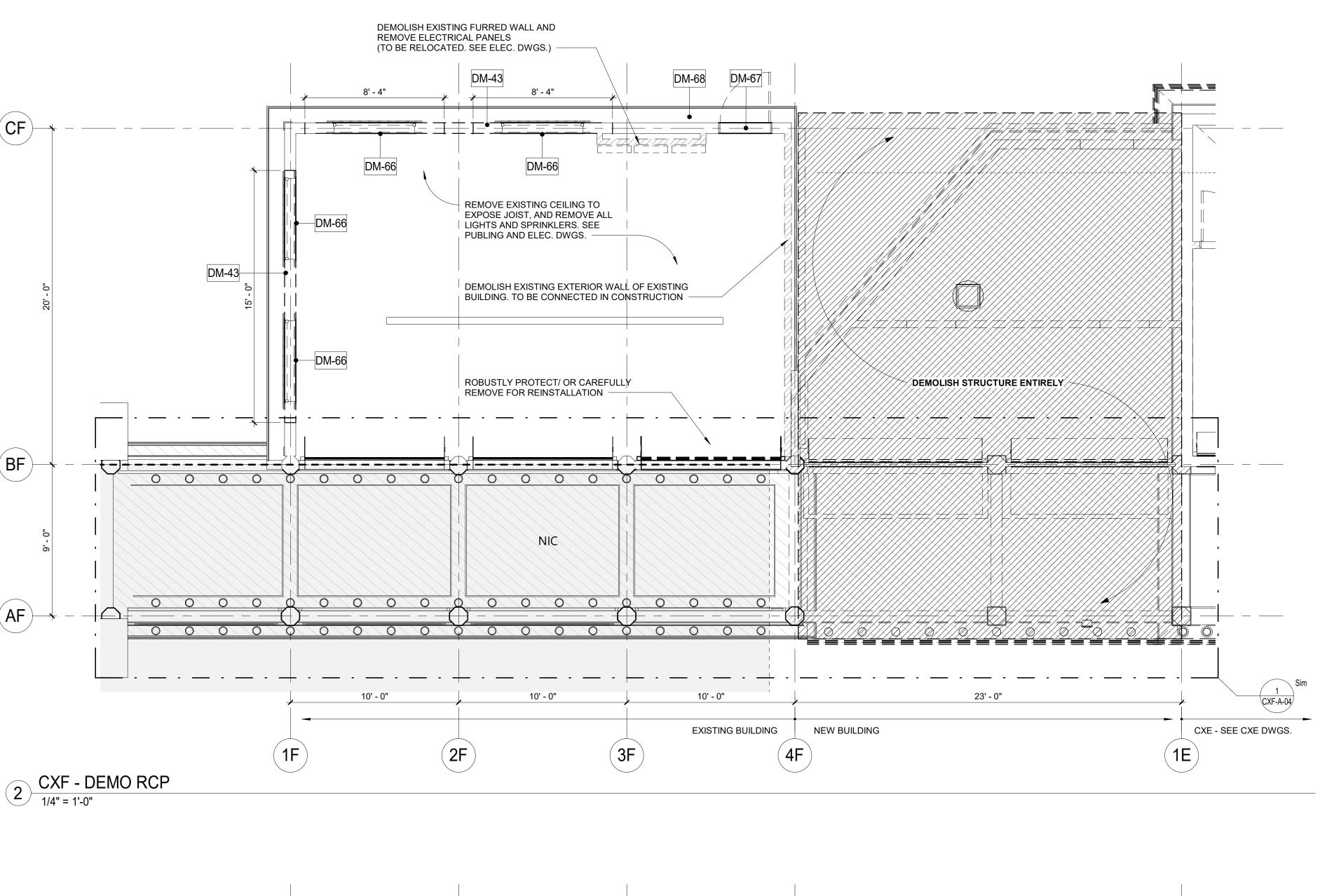
PROJECT COORDINATOR

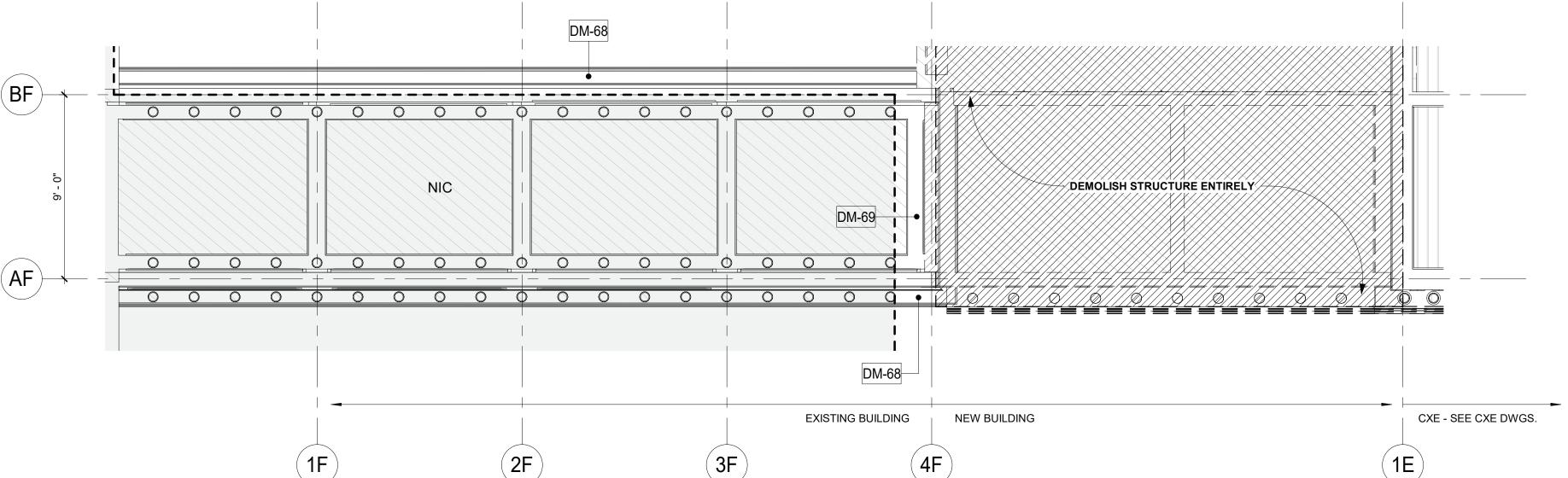
NAME

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**CXF - EXTERIOR DEMOLITION ELEVATIONS** 

DPW FILE **1-118-A-1075-0** REV. NO.





CXF - COLONNADE RCP DEMO 1/4" = 1'-0"

> RECORD DRAWING CERTIFICATION \_\_\_\_ AS BUILT - NO CHANGES AS BUILT — CHANGES AS NOTED PROJECT COORDINATOR CONTRACTOR NAME SIGNATURE \_\_\_\_ SIGNATURE DATE

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION PHASE 3** PLAYLAND PARK, RYE, NEW YORK **CROSS AXIS BUILDING F CXF - RCP DEMOLITION PLAN** 

NUMBER NUMBER 22-523 CXF-A-04 DWG NO.: **327 of 664** SCALE: As indicated DATE: **08/23/2022** DPW FILE 1-118-A-1076-0 REV. NO.

#### **DEMOLITION NOTES:**

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

#### **DEMOLITION LEGEND**

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

#### **DEMO KEYNOTES**

DM-43 REMOVE SECTION OF EXISTING WALL. PROVIDE HEADER AND SILL AS REQUIRED TO CREATE A WINDOW OPENING. SEE ELEVATIONS.

DM-66 CAREFULLY REMOVE WINDOW AND FRAME. TO BE SALVAGED AND REINSTALLED IN CXD WORK (SEE

DM-67 CAREFULLY REMOVE DOOR AND FRAME, FOR REINSTALLATION.

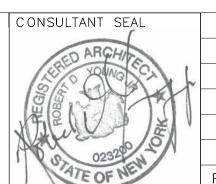
COORDINATE WITH ELECTRICAL DRAWINGS.

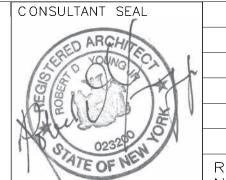
DM-68 REMOVE EXTERIOR SOFFIT AS NECESSARY WHERE SOFFIT LIGHTS ARE TO BE INSTALLED.

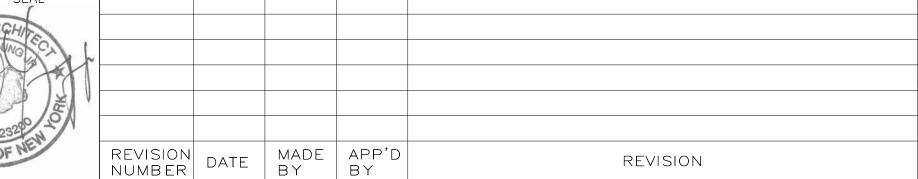
COORDINATE WITH ELECTRICAL DRAWINGS. DM-69 REMOVE COLONNADE CEILING AS NECESSARY WHERE RECESSED LIGHTS ARE TO BE INSTALLED

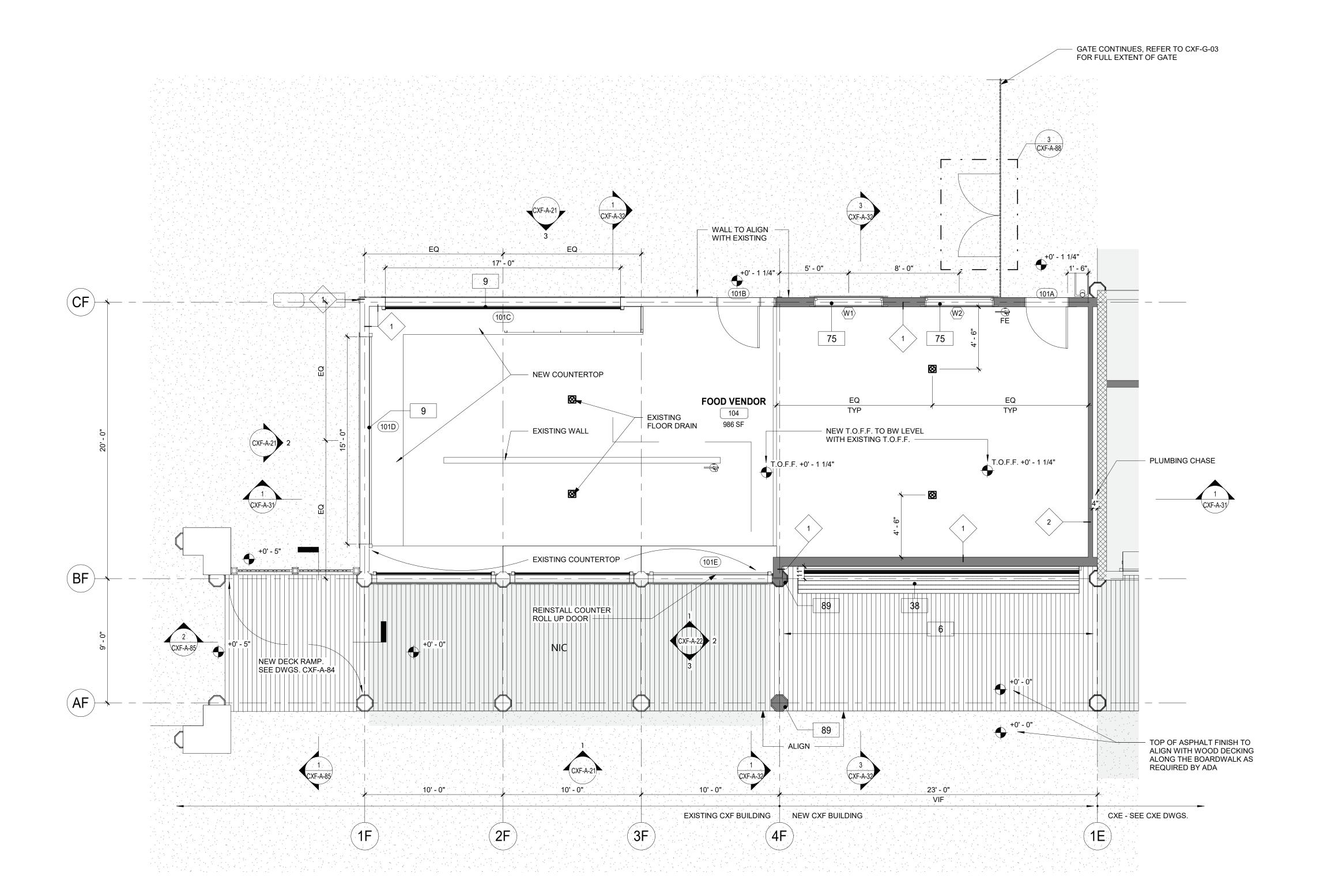








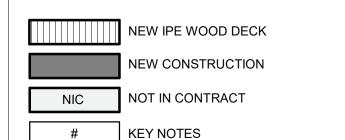




#### FLOOR PLAN NOTES:

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

### PLAN LEGEND:







FD FLOOR DRAIN



WALL TAG

#### **CONSTRUCTION KEYNOTES**

- 6 INSTALL NEW IPE DECKING. SEE STRUCTURAL FOR DETAILS.
  9 PROVIDE AND INSTALL ROLL DOWN DOOR. SEE DETAILS AND SCHEDULE.
- NEW BUILT IN SEATING. SEE DETAILS.(CXF-A-86)
  REINSTALL SALVAGED WINDOWS FROM CXF (SEE CXF-A-01).
- REINSTALL SALVAGED WINDOWS FROM CXF (SEE CXF-A-01).
   NEW STRUCTURAL POST AND COLUMN ENCLOSURE. COORDINATE WITH STRUCT DWG.

GROUND FLOOR PLAN CXF

1/4" = 1'-0"





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RECORD DRAWING CERTIFICATION

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CONTRACTOR PROJECT COORDINATOR

NAME NAME

DATE \_\_\_\_

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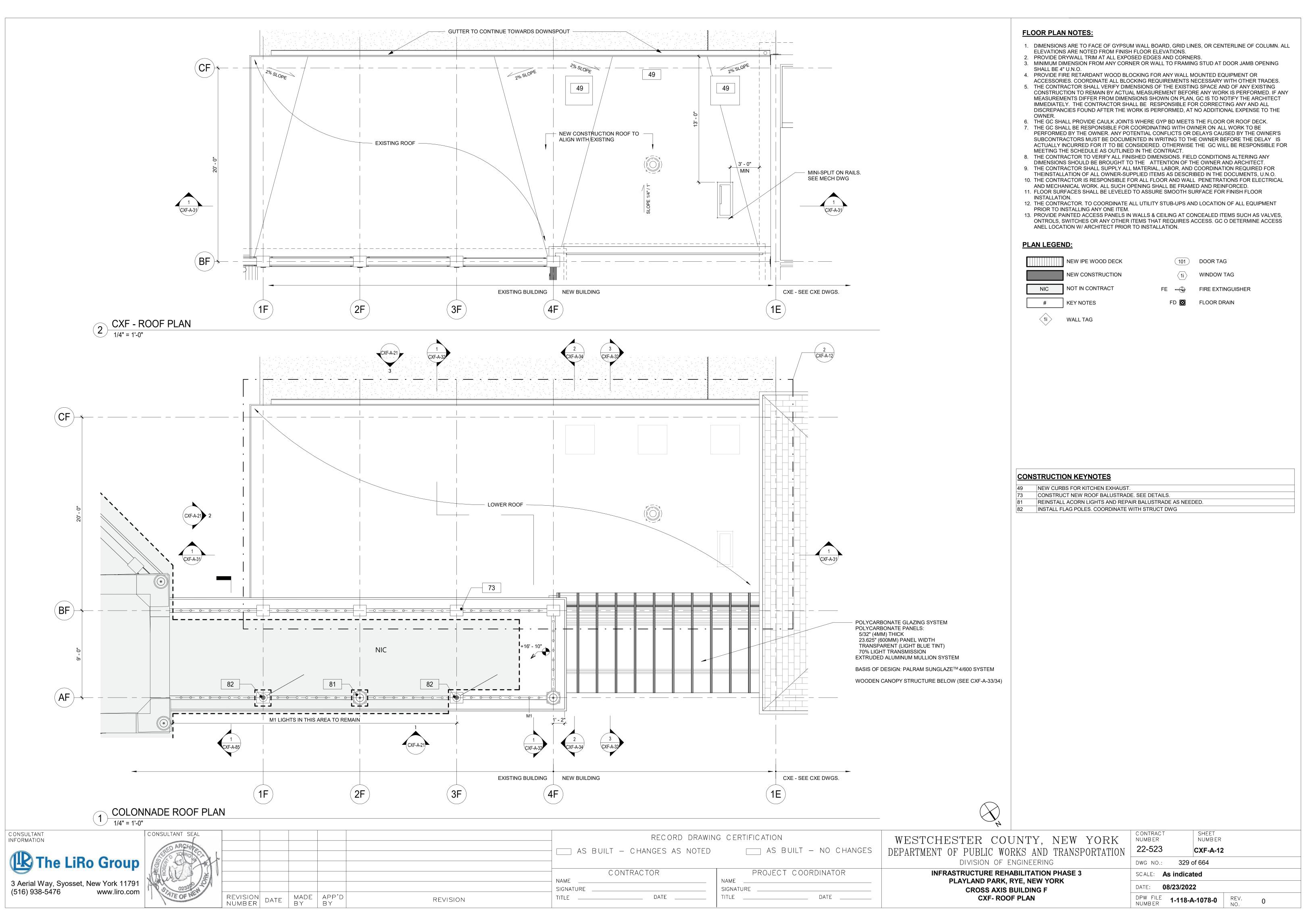
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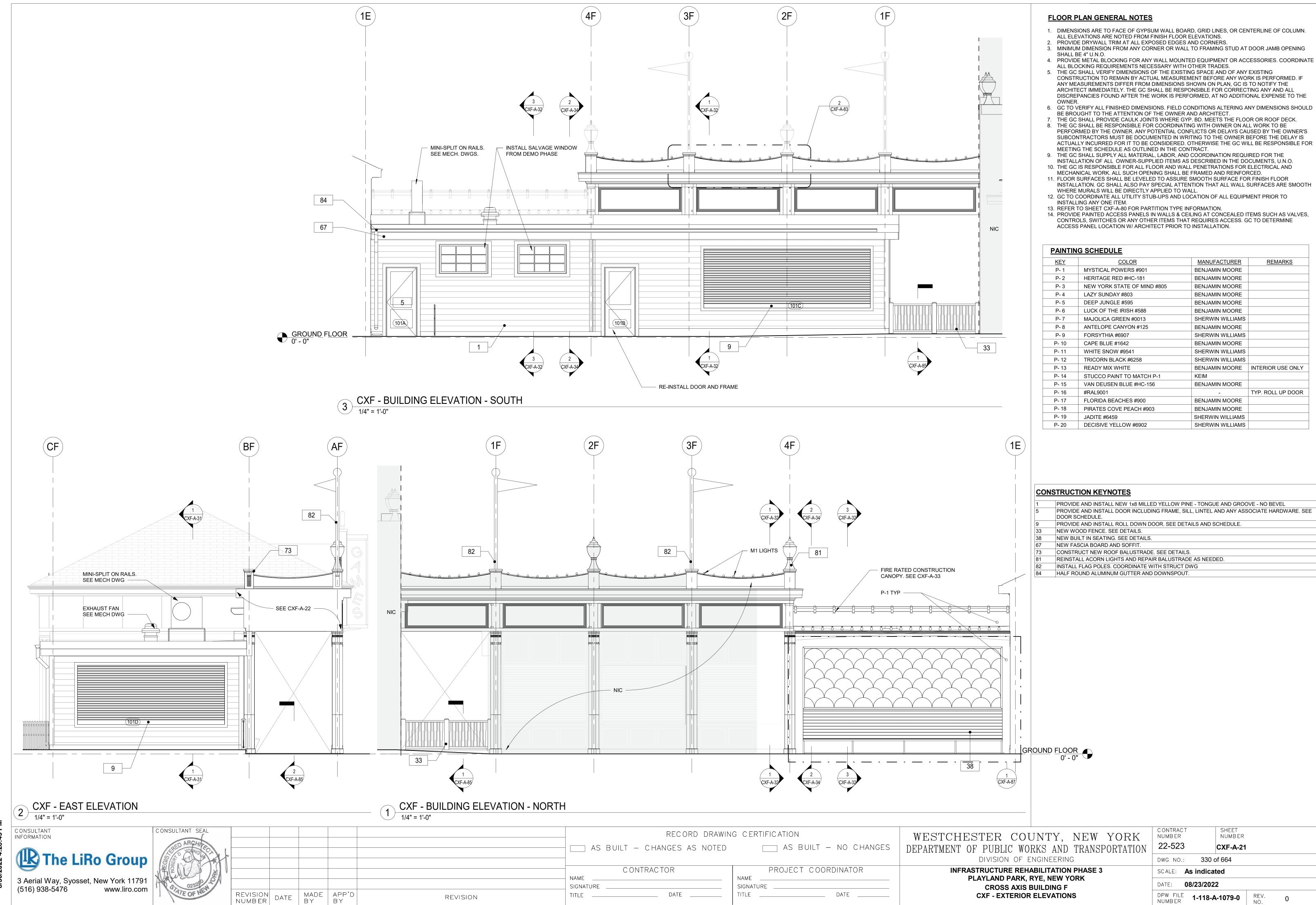
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING

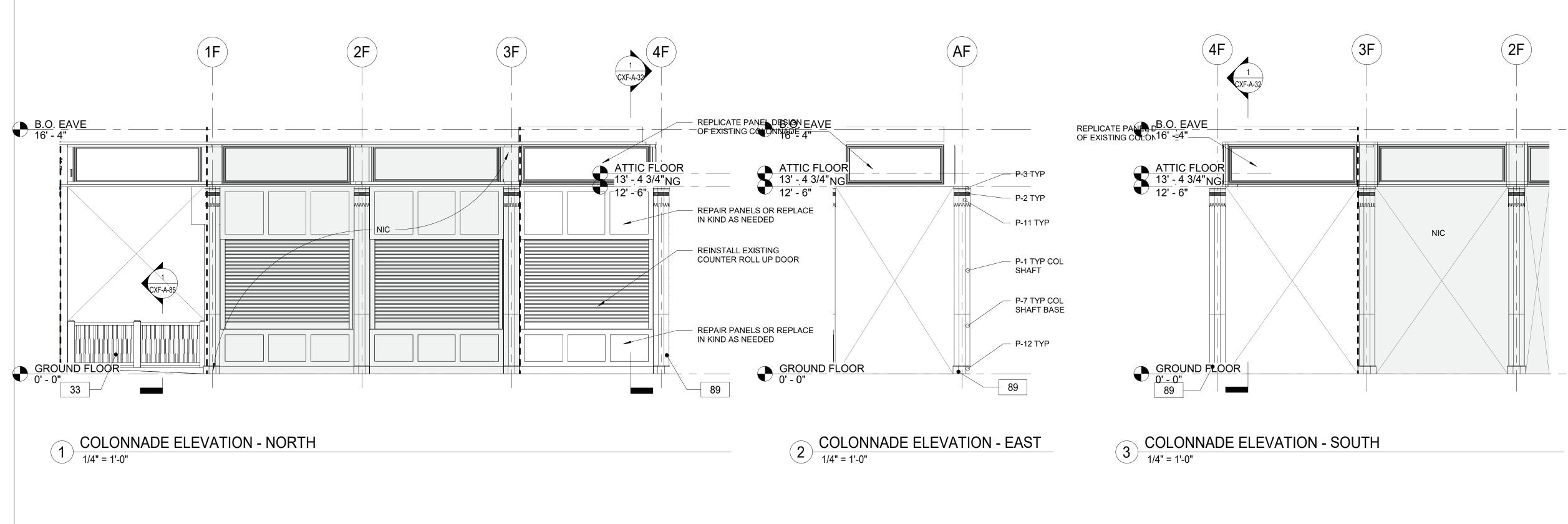
INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING F
CXF - GROUND FLOOR PLAN

K	CONTRACT NUMBER	SHEET NUMB ER					
'ION	22-523	CXF-A-11					
	DWG NO.: 328 of 664						
	SCALE: As indicated						
	DATE: <b>08/23/2022</b>						
	DPW FILE NUMBER 1-118-	A-1077-0	REV. NO.	0			

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**FLOOR PLAN GENERAL NOTES** 

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

<u>PAIN I II</u>	NG 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 ONL
P- 14	STUCCO PAINT TO MATCH P-1	KEIM	
P- 15	VAN DEUSEN BLUE #HC-156	BENJAMIN MOORE	
P- 16	#RAL9001	-	TYP. ROLL UP DOO
P- 17	FLORIDA BEACHES #900	BENJAMIN MOORE	
P- 18	PIRATES COVE PEACH #903	BENJAMIN MOORE	
P- 19	JADITE #6459	SHERWIN WILLIAMS	
P- 20	DECISIVE YELLOW #6902	SHERWIN WILLIAMS	

#### **CONSTRUCTION KEYNOTES**

NEW WOOD FENCE. SEE DETAILS. NEW STRUCTURAL POST AND COLUMN ENCLOSURE. COORDINATE WITH STRUCT DWG.

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

CONSULTANT SEAL

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RECORD DRAWING CERTIFICATION AS BUILT - CHANGES AS NOTED CONTRACTOR

DATE

SIGNATURE

\_\_\_\_ AS BUILT — NO CHANGES

PROJECT COORDINATOR NAME SIGNATURE \_\_\_\_

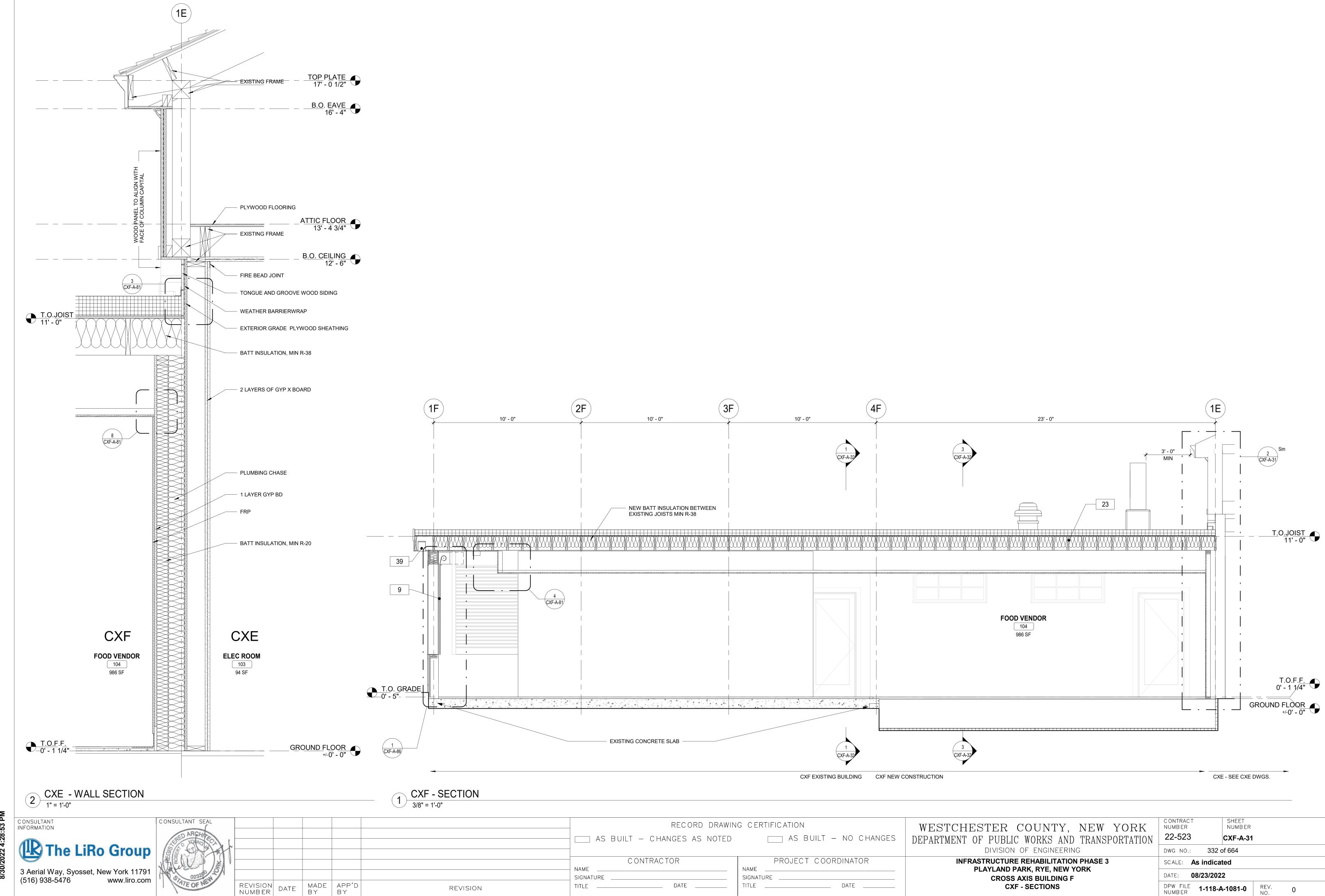
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION PHASE 3** PLAYLAND PARK, RYE, NEW YORK **CROSS AXIS BUILDING F CXF - INTERIOR COLONNADE ELEVATIONS** 

SHEET NUMBER NUMBER 22-523 CXF-A-22 331 of 664 DWG NO.: SCALE: **As indicated** 

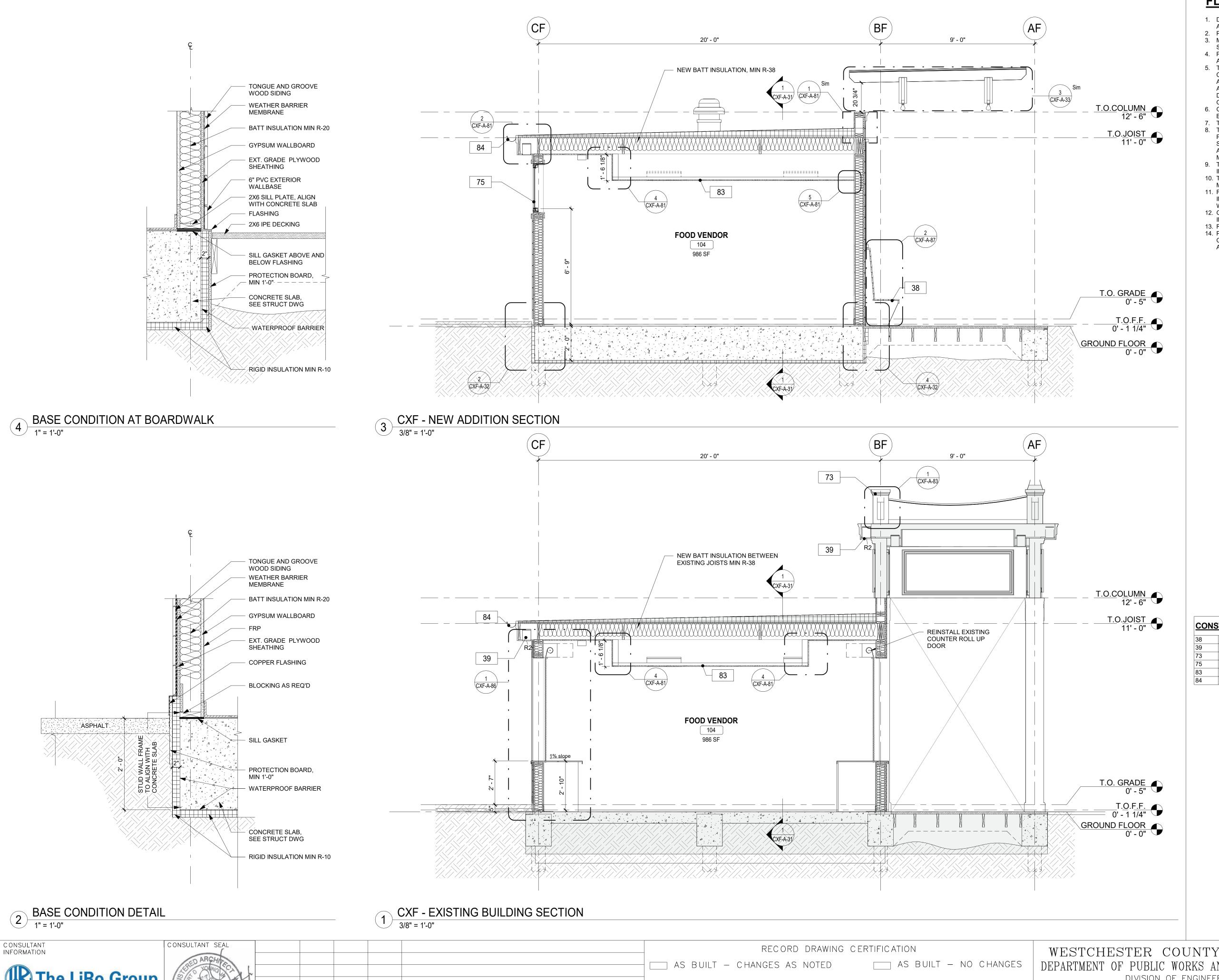
DATE: **08/23/2022** DPW FILE NUMBER 1-118-A-1080-0 REV. NO.



REVISION

**CXF - SECTIONS** 

DPW FILE 1-118-A-1081-0 REV. NO.



**FLOOR PLAN GENERAL NOTES** 

1. DIMENSIONS ARE TO FACE OF GYP BD, GRID LINES, OR CENTERLINE OF COLUMN. ALL ELEVATIONS ARE NOTED FROM FINISH FLOOR ELEVATIONS.

2. PROVIDE DRYWALL TRIM AT ALL EXPOSED EDGES AND CORNERS.

3. MINIMUM DIMENSION FROM ANY CORNER OR WALL TO FRAMING STUD AT DOOR JAMB OPENING

SHALL BE 4" (U.N.O.).

4. PROVIDE METAL BLOCKING FOR ANY WALL MOUNTED EQUIPMENT OR ACCESSORIES. COORDINATE ALL BLOCKING REQUIREMENTS NECESSARY WITH OTHER TRADES.

5. THE GC SHALL VERIFY DIMENSIONS OF THE EXISTING SPACE AND OF ANY EXISTING CONSTRUCTION TO REMAIN BY ACTUAL MEASUREMENT BEFORE ANY WORK IS PERFORMED. IF ANY MEASUREMENTS DIFFER FROM DIMENSIONS SHOWN ON PLAN, GC IS TO NOTIFY THE ARCHITECT IMMEDIATELY. THE GC SHALL BE RESPONSIBLE FOR CORRECTING ANY AND ALL DISCREPANCIES FOUND AFTER THE WORK IS PERFORMED, AT NO ADDITIONAL EXPENSE TO THE

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8. THE GC SHALL BE RESPONSIBLE FOR COORDINATING WITH OWNER ON ALL WORK TO BE PERFORMED BY THE OWNER. ANY POTENTIAL CONFLICTS OR DELAYS CAUSED BY THE OWNER'S SUBCONTRACTORS MUST BE DOCUMENTED IN WRITING TO THE OWNER BEFORE THE DELAY IS ACTUALLY INCURRED FOR IT TO BE CONSIDERED. OTHERWISE THE GC WILL BE RESPONSIBLE FOR MEETING THE SCHEDULE AS OUTLINED IN THE CONTRACT.

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INSTALLATION. GC SHALL ALSO PAY SPECIAL ATTENTION THAT ALL WALL SURFACES ARE SMOOTH WHERE MURALS WILL BE DIRECTLY APPLIED TO WALL.

12. GC TO COORDINATE ALL UTILITY STUB-UPS AND LOCATION OF ALL EQUIPMENT PRIOR TO INSTALLING ANY ONE ITEM.

13. REFER TO SHEET CXF-A-80 FOR PARTITION TYPE INFORMATION.

14. PROVIDE PAINTED ACCESS PANELS IN WALLS & CEILING AT CONCEALED ITEMS SUCH AS VALVES, CONTROLS, SWITCHES OR ANY OTHER ITEMS THAT REQUIRES ACCESS. GC TO DETERMINE ACCESS PANEL LOCATION W/ ARCHITECT PRIOR TO INSTALLATION.

**CONSTRUCTION KEYNOTES** 

NEW BUILT IN SEATING. SEE DETAILS. NEW SOFFIT WITH RECESSED LIGHTS AS INDICATED ON RCP

CONSTRUCT NEW ROOF BALUSTRADE. SEE DETAILS.

REINSTALL SALVAGED WINDOWS FROM CXF (SEE CXF-A-01)

FDA AND USDA COMPLIANT SQUARE LAY IN CEILING TILES. HALF ROUND ALUMINUM GUTTER AND DOWNSPOUT.

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

**INFRASTRUCTURE REHABILITATION PHASE 3** PLAYLAND PARK, RYE, NEW YORK **CROSS AXIS BUILDING F CXF - ENLARGED SECTION** 

PROJECT COORDINATOR

\_\_\_ DATE \_\_\_\_

NAME

SIGNATURE \_\_

CONTRACTOR

DATE

NAME

REVISION

SIGNATURE

SHEET NUMBER NUMBER 22-523 CXF-A-32 333 of 664 DWG NO.: SCALE: **As indicated** DATE: **08/23/2022 1-118-A-1082-0** REV. NO.

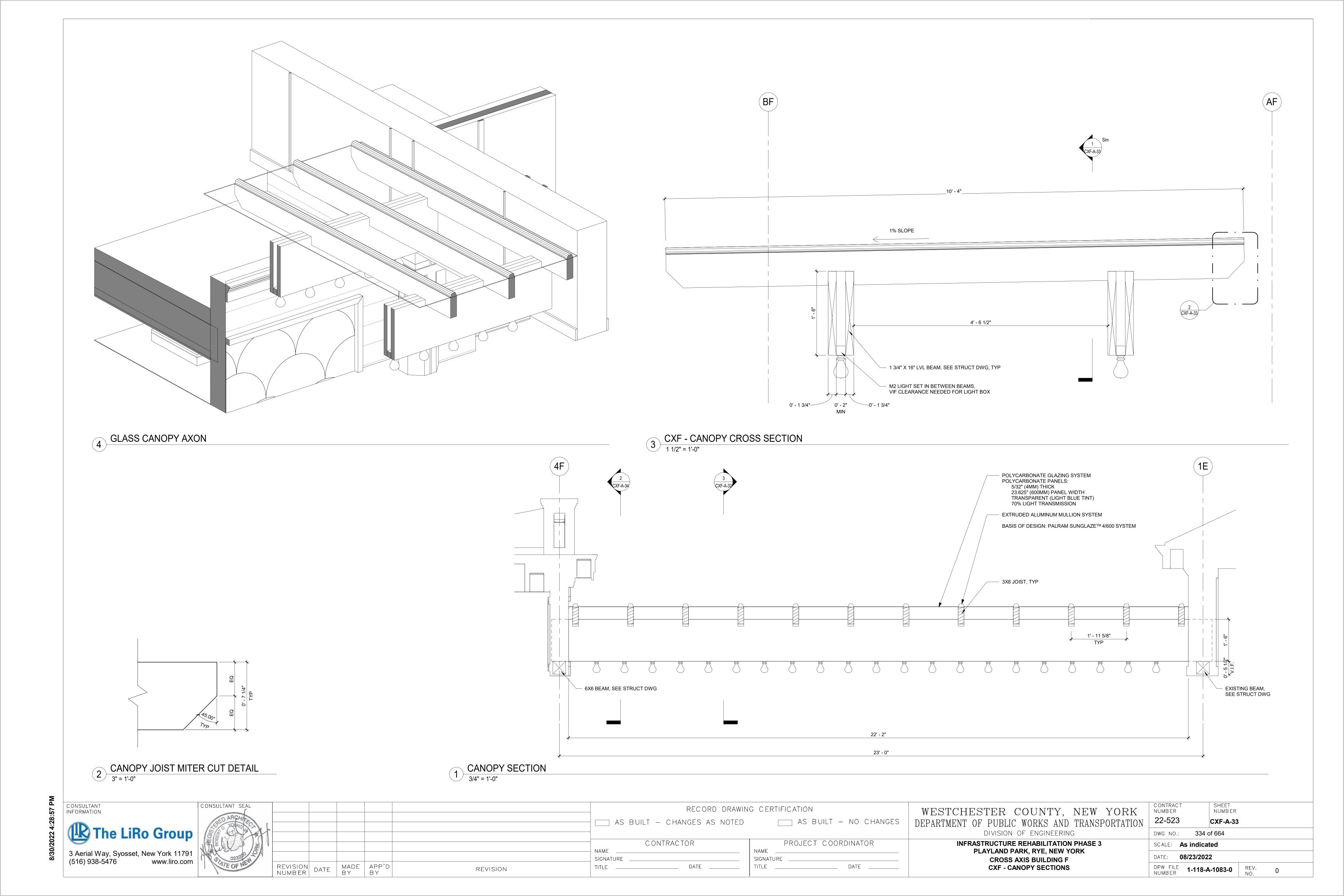
3 Aerial Way, Syosset, New York 11791

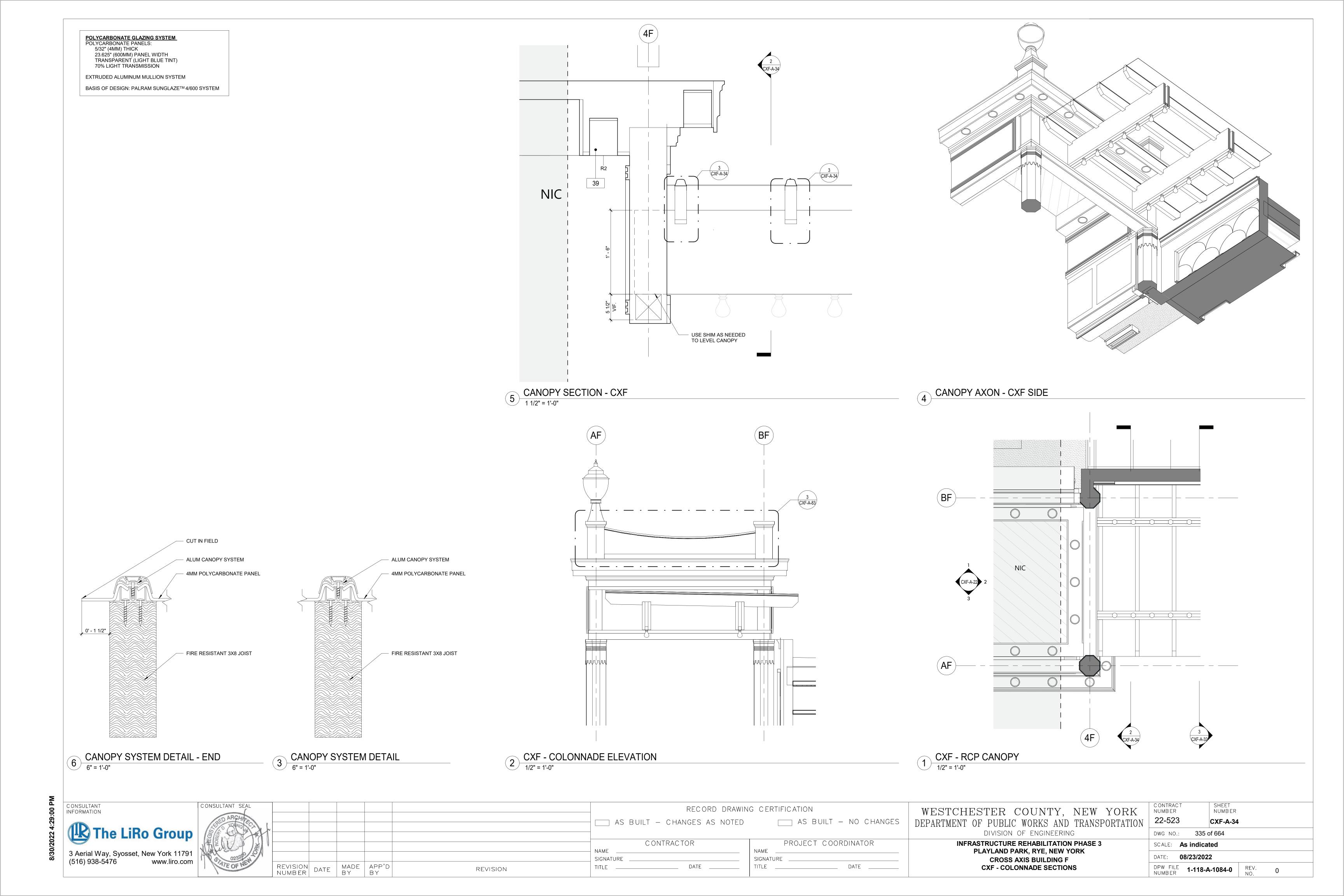
www.liro.com

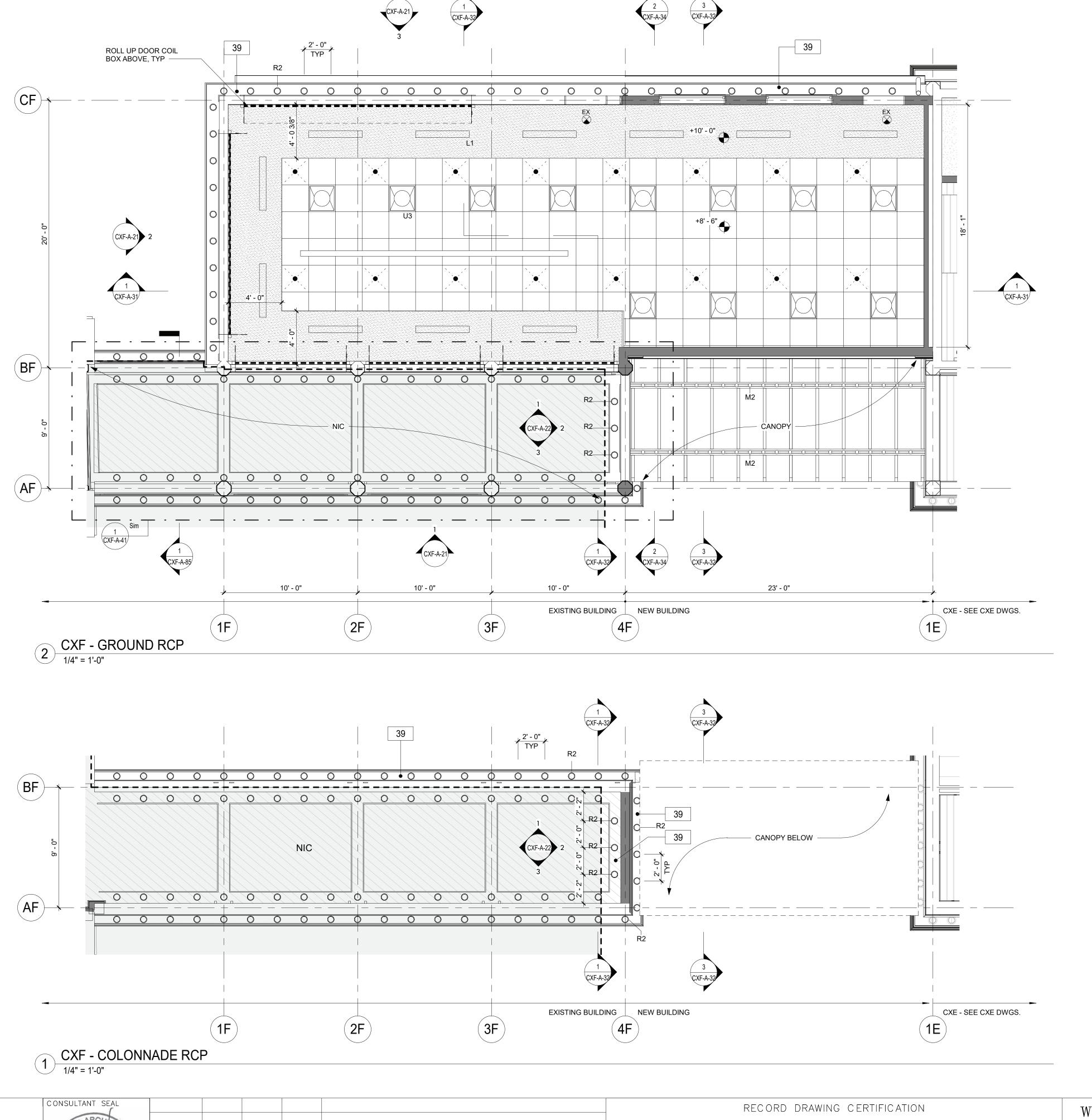
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NUMBER

(516) 938-5476







**GENERAL REFLECTED CEILING PLAN NOTES** 

1. CONTRACTOR SHALL PROVIDE THE NECESSARY FRAMING OR BRIDGING FOR ALL LIGHT FIXTURES,

DIFFUSERS, RETURNS, ETC., AS WELL AS REQUIRED CUTOUTS. 2. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY POSSIBLE INTERFERENCES BEFORE

PROCEEDING WITH CEILING INSTALLATION.

3. CEILING CONSTRUCTION SHALL NOT BE CLOSED IN UNTIL THE CONSTRUCTION MANAGER AND AUTHORITIES HAVING JURISDICTION HAVE HAD AN OPPORTUNITY TO INSPECT THE AREA AND ASCERTAIN THAT ALL DUCTWORK, PLUMBING, ELECTRICAL CONDUITS AND LINES HAVE BEEN INSTALLED PROPERLY.

4. FASCIAS OR ANY BREAK IN THE CEILING HEIGHTS CREATED BY THE INSTALLATION AND/OR

ALTERATION OF HEATING, VENTILATING, A/C OR MECHANICAL DUCTS, PIPING OR OTHER EQUIPMENT SHALL BE FORMED OF GYPSUM WALLBOARD ON FURRING CHANNELS.

5. THE CEILING PANEL JOINTS SHALL BE ALIGNED PERFECTLY WITH LIGHTING FIXTURES. 6. ALL JOINTS IN THE PANEL SHALL BE SQUARE, LEVEL AND PERFECTLY ALIGNED WITH EACH OTHER

AND WITH BUILDING FIXTURES. 7. CONTRACTOR SHALL PROVIDE CUTOUTS AND OTHER SPECIAL PROVISIONS IN ACOUSTICAL WORK

AS REQUIRED FOR LIGHTING FIXTURES, REGISTERS, DIFFUSERS AND OTHER INSERTED ITEMS. GENERAL CONSTRUCTION CONTRACTOR SHALL INSTALL ACCESS PANELS IN GYPSUM DRYWALL CEILINGS FOR ACCESS TO AIR CONDITIONING, PLUMBING, TELEPHONE & ELECTRICAL CONTROL EQUIPMENT REQUIRING ACCESS.

8. IN GENERAL, WITHIN EACH AREA, CEILING WORK REQUIREMENTS SHALL BE EXECUTED IN SUCH A MANNER AS TO PROVIDE CONTINUOUS MATCHED AND ALIGNED CEILINGS. THE FINAL CEILING INSTALLATION SHALL BE FREE OF ALL VISUAL DEFECTS.

#### **RCP LEGEND**

R-2 EXTERIOR RECESSED CAN IN SOFFIT (SEE ELEC. DWGS) R-6: 4" SQUARE RECESSED LIGHT FIXTURE (SEE ELEC. DWGS) L-1 LINEAR LIGHT (SEE ELEC. DWGS) • • • • • M2 MARQUEE LIGHTING AT BALUSTRADE

SPRINKLER (SEE FIRE PROTECTION DWGS)

SUPPLY DIFFUSER. SEE MECHANICAL DRAWINGS

EXHAUST GRILL. SEE MECHANICAL DRAWINGS

**EX-EXIT SIGN** 

NEW CONSTRUCTION

T1-11 CEILING BOARD

GYP. BOARD CEILING

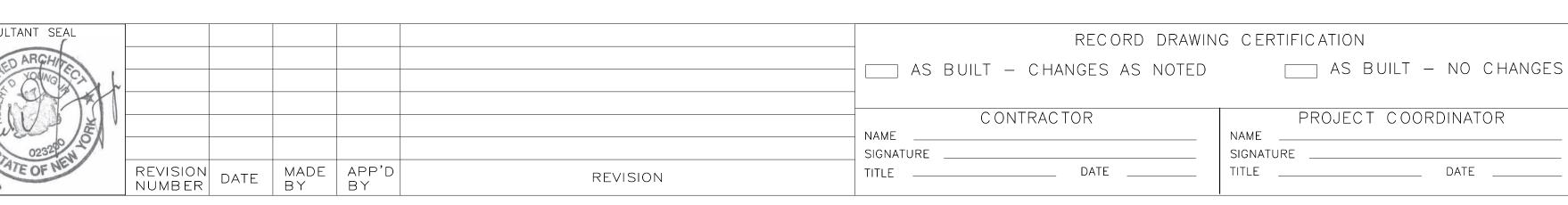
INDICATES SCOPE NOT IN CONTRACT

#### **CONSTRUCTION KEYNOTES**

NEW SOFFIT WITH RECESSED LIGHTS AS INDICATED ON RCP

SHEET NUMBER WESTCHESTER COUNTY, NEW YORK NUMBER 22-523 CXF-A-41 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING DWG NO.: **336 of 664 INFRASTRUCTURE REHABILITATION PHASE 3** SCALE: **As indicated** PLAYLAND PARK, RYE, NEW YORK DATE: **08/23/2022 CROSS AXIS BUILDING F CXF - GROUND FLOOR REFLECTED CEILING PLAN** DPW FILE **1-118-A-1085-0** REV. NO.

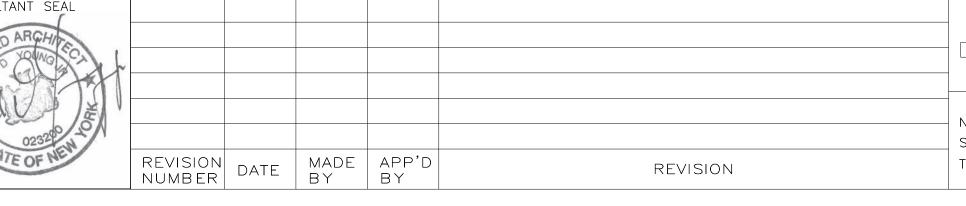












AS BUILT - CHANGES AS NOTED

PROJECT COORDINATOR

INFRASTR PLAY

DATE: **08/23/2022** DPW FILE 1-118-A-1086-0 REV. NO.

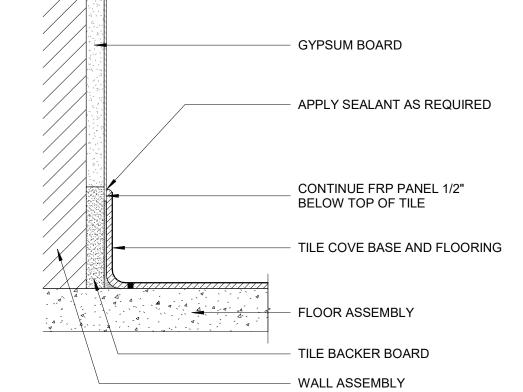
WESTCHEST DEPARTMENT OF

1 VERTICAL SEAM TRIM DETAIL
3" = 1'-0"

TER COUNTY, NEW YORK PUBLIC WORKS AND TRANSPORTATION	CONTRACT NUMBER 22-523	SHEET NUMBER CXF-A-80
DIVISION OF ENGINEERING	DWG NO.: 337	of 664
RUCTURE REHABILITATION PHASE 3	SCALE: As indica	ted
AYLAND PARK, RYE, NEW YORK		

FRP PANEL INSIDE CORNER TRIM
3" = 1'-0"

WALL ASSEMBLY GYPSUM BOARD - DIVISION BAR TRIM FRP PANEL



FRP PANEL

DOOR OR WINDOW TRIM CAP AROUND DOOR OR DOOR TRIM

2x6 WOOD TOP PLATE

HEAD

PLAN

BASE

**NO RATING** 

EXT.

FINISH CEILING WHERE

2x6 WOOD STUD, 16" OC

BATT INSULATION, MIN R-20

REQUIRED, SEE SCHEDULE

TONGUE AND GROOVE WOOD SIDING

EXT. GRADE PLYWOOD SHEATHING

WEATHER BARRIER MEMBRANE

— 6" EXTERIOR PVC WALL BASE

METAL FLASHING

2X6 WOOD PLATE

CONCRETE SLAB

1 LAYER 5/8" IMPACT & MOLD-RESISTANT GYP BD TO CEILING

AND FINISH LAYER OF FRP ON THE INTERIOR SIDE

+ +

SEE PARTITION

DESCRIPTIONS BELOW

4 DOOR/ WINDOW TRIM DETAIL
3" = 1'-0"

WALL ASSEMBLY GYPSUM BOARD FRP PANEL INSIDE CORNER TRIM - FRP PANEL GYPSUM BOARD

WOOD FRAMING

CEILING

HEAD

PLAN

BASE

NO RATING

— 2X4 WOOD TOP PLATE

2x4 WOOD STUD

BATT INSULATION

MOISTURE RESISTANT

PRESSURE TREATED 2X4

WOOD SOLE PLATE

— FLOOR AND WALL BASE AS SCHEDULED

GYP BD

CONCRETE SLAB

SEE PARTITION

DESCRIPTIONS BELOW

AND FINISH LAYER OF FRP ON THE INTERIOR SIDE

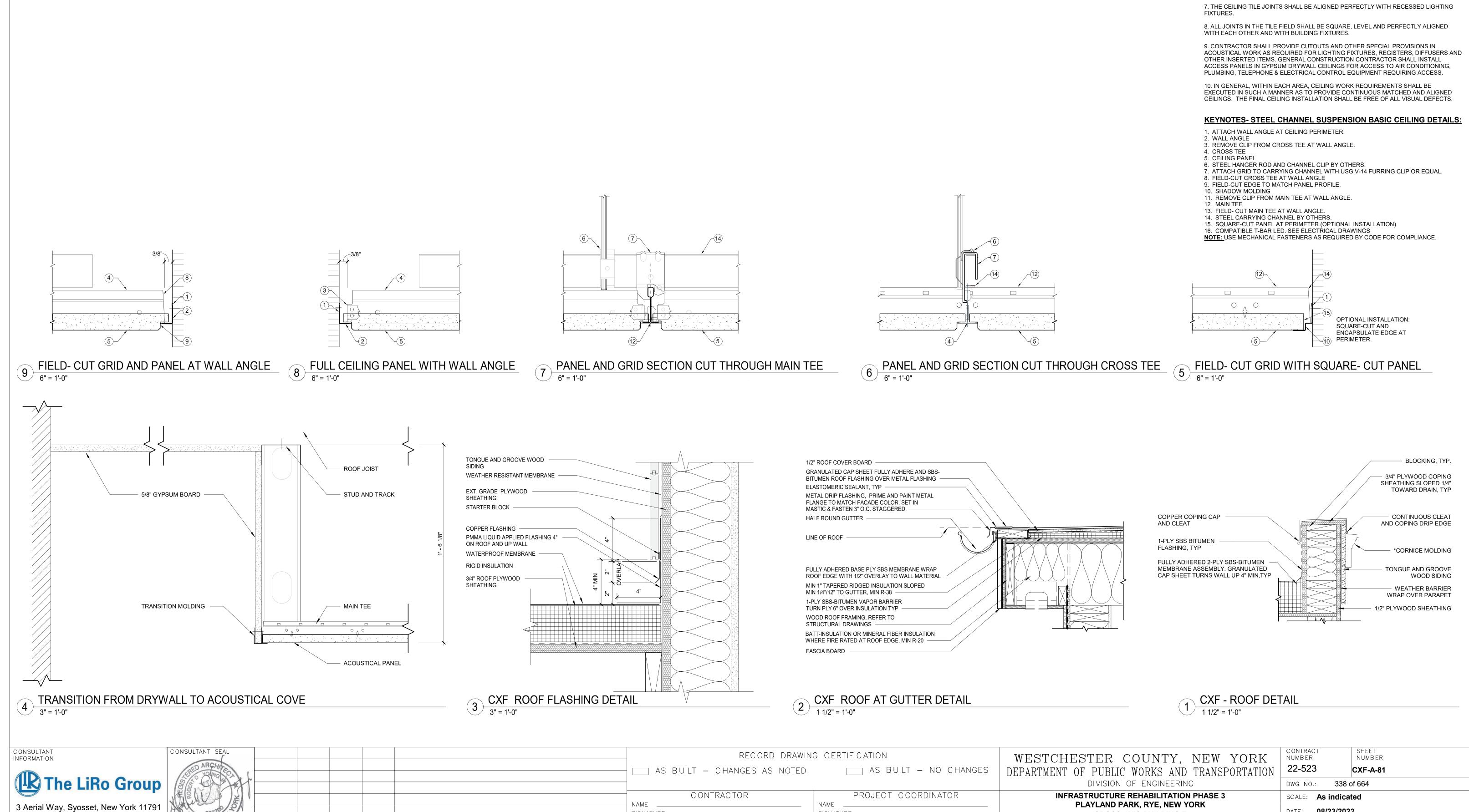
1 LAYER 5/8" IMPACT & MOLD-RESISTANT GYP BD TO CEILING

CEMENT BOARD

The LiRo Group

RECORD DRAWING CERTIFICATION \_\_\_\_ AS BUILT - NO CHANGES CONTRACTOR NAME \_\_\_\_\_ SIGNATURE \_\_\_\_\_ SIGNATURE \_\_\_\_ \_\_\_\_ DATE \_\_\_\_\_

CROSS AXIS BUILDING F PARTITION TYPES AND DETAILS



SIGNATURE

REVISION

MADE APP'D BY BY

NUMBER

SIGNATURE \_\_\_\_

DATE

**GENERAL REFLECTED CEILING PLAN NOTES:** 

BEFORE PROCEEDING WITH CEILING INSTALLATION.

CONDUITS AND LINES HAVE BEEN INSTALLED PROPERLY.

CEILING CONSTRUCTION.

THE CHANNELS.

CHANNELS.

1. IN OPEN CEILING AREAS THE STRUCTURE ABOVE SHALL BE PAINTED THE STANDARD CEILING PAINT COLOR. USE THE NUMBER OF COATS REQUIRED TO FULLY COVER THE

2. CONTRACTOR SHALL PROVIDE THE NECESSARY FRAMING OR BRIDGING FOR ALL LIGHT

5. CARRYING CHANNELS FOR THE CEILING SHALL BE BOLTED TO HANGERS, AS REQUIRED BUT NOT MORE THAN 4'-0" O.C. AND 6" MIN. FROM WALLS AND PARTITIONS PARALLEL TO

6. FASCIAS OR ANY BREAK IN THE CEILING HEIGHTS CREATED BY THE INSTALLATION AND/OR ALTERATION OF HEATING. VENTILATING. A/C OR MECHANICAL DUCTS, PIPING OR

OTHER EQUIPMENT SHALL BE FORMED OF GYPSUM WALLBOARD ON FURRING

DATE: **08/23/2022** 

**1-118-A-1087-0** REV. NO.

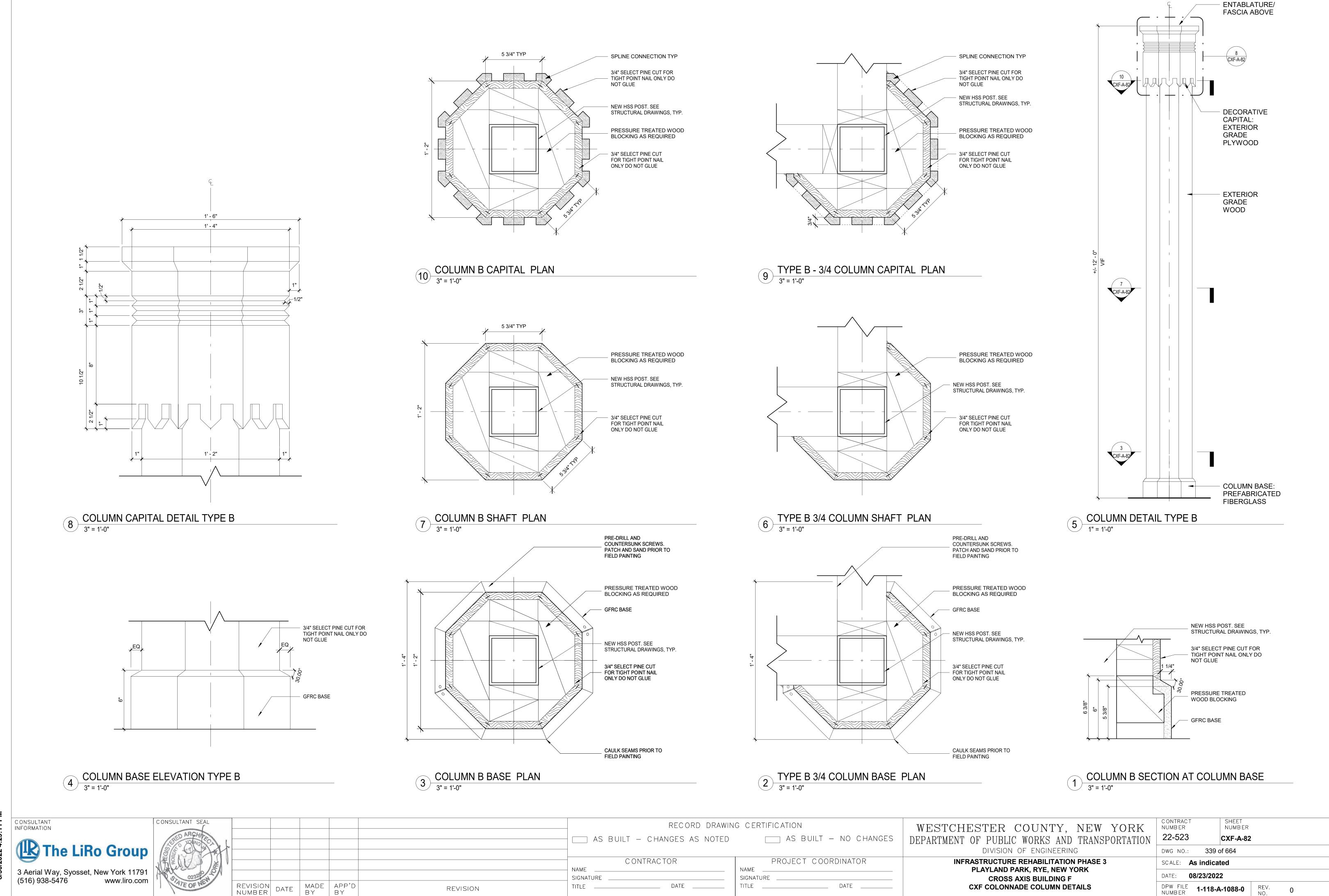
**CROSS AXIS BUILDING F** 

**ROOF AND CEILING DETAILS** 

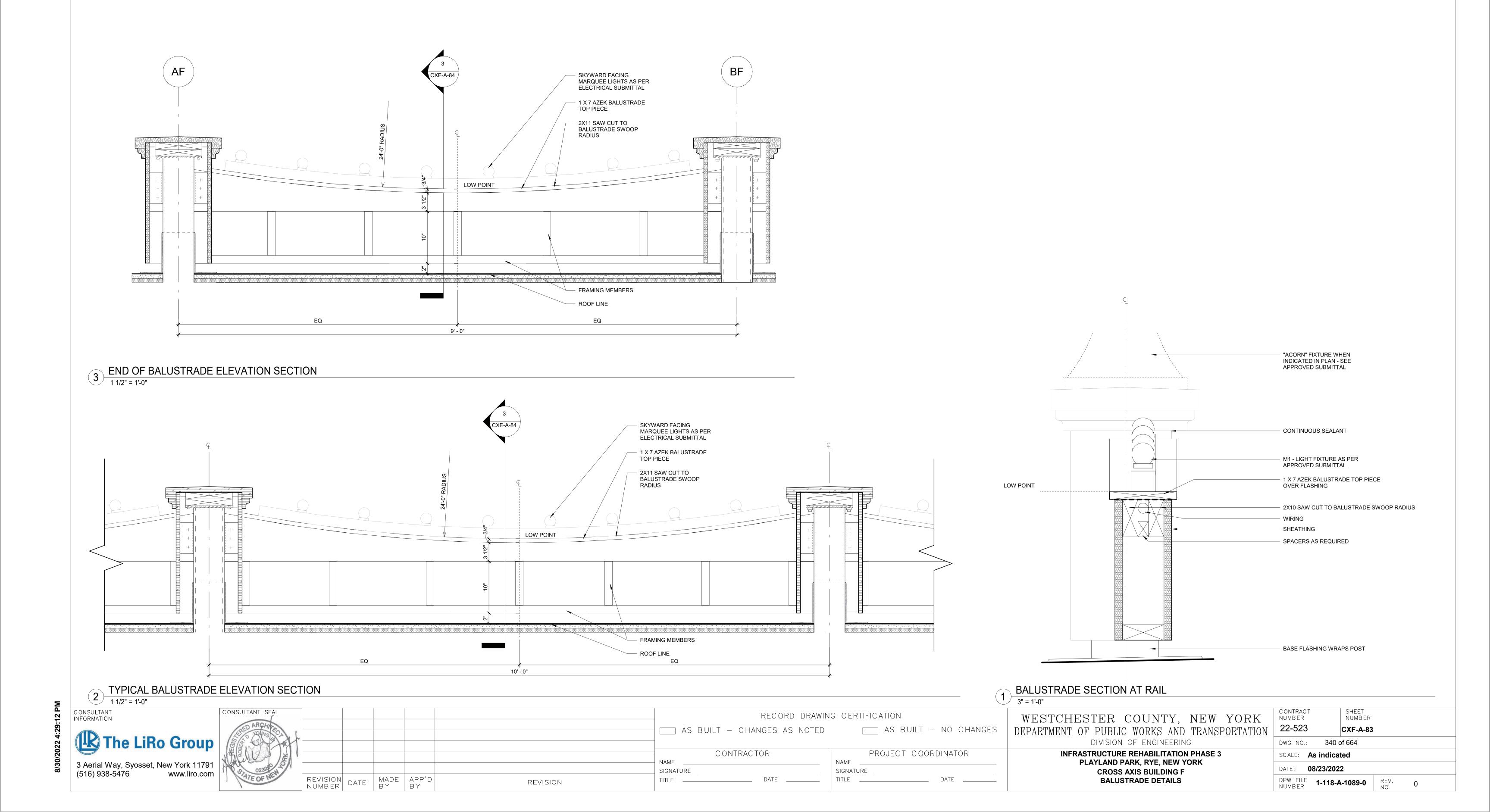
3. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY POSSIBLE INTERFERENCES

4. CEILING CONSTRUCTION SHALL NOT BE CLOSED IN UNTIL THE CONSTRUCTION MANAGER AND AUTHORITIES HAVING JURISDICTION HAVE HAD AN OPPORTUNITY TO INSPECT THE AREA AND ASCERTAIN THAT ALL DUCTWORK, PLUMBING, ELECTRICAL

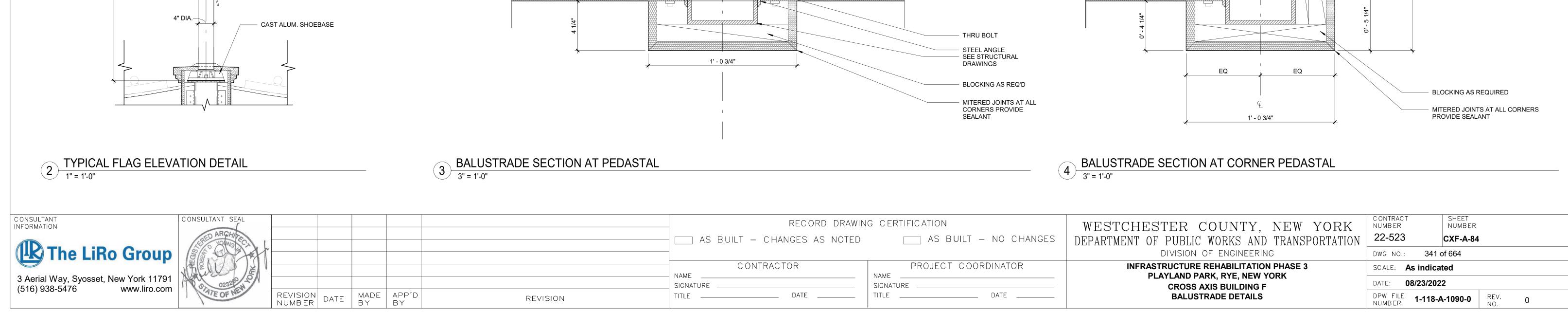
FIXTURES, DIFFUSERS, RETURNS, ETC., AS WELL AS REQUIRED CUTOUTS.

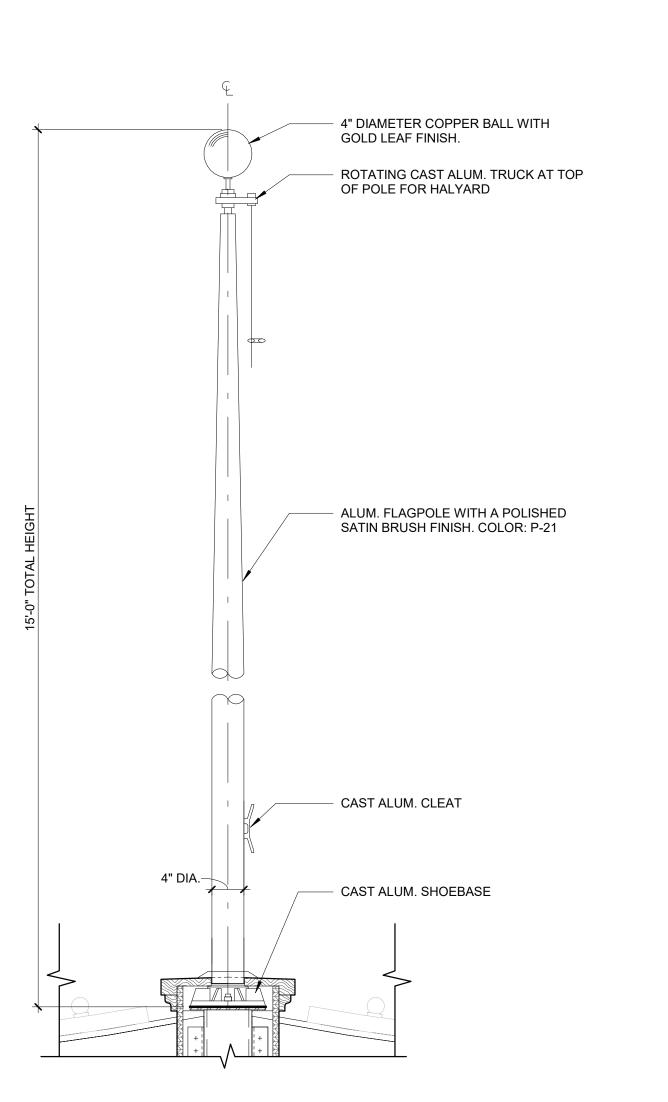


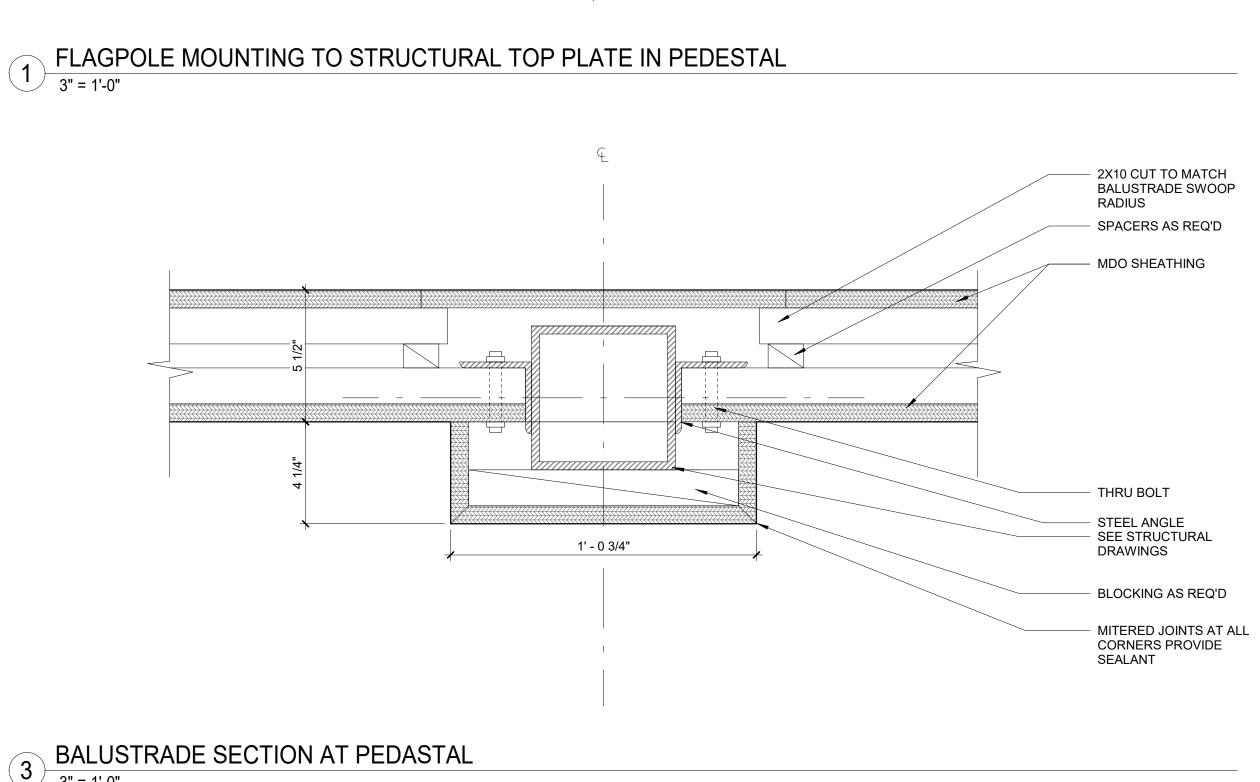
REVISION











ALUM. FLAG POLE AND

- CAST ALUM. SHOEBASE

MATERIAL SEPARATOR

SEE STRUCTURAL FOR COLUMN TYPE

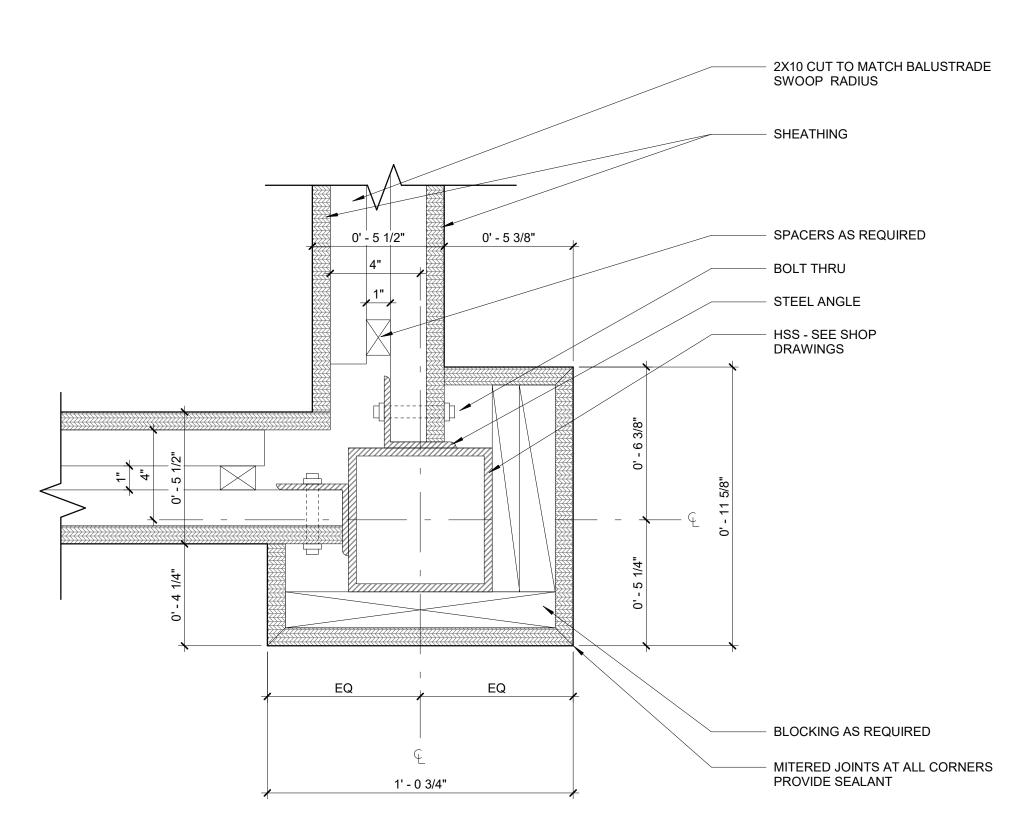
BETWEEN ALUMINUM BASE PLATE AND STRUCTURAL STEEL

TOP PLATE

FLASHING COLLAR

CONT. SEALANT

(TYP)







**FENCE & GATE PAINTING SCHEDULE** 

P- 7

P- 1

P- 15

P- 1

BLACK

T.O. GRADE 0' - 5"

GROUND FLOOR 0' - 0"

4 CXF -FENCE ELEVATION
3/4" = 1'-0"

**COMPONENTS** 

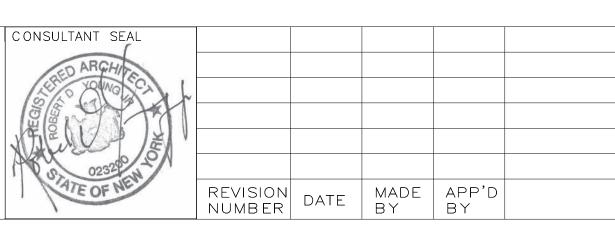
POSTS

RAILS

BALLUSTER, A

BALLUSTER, B

HARDWARE



AS	BUILT	_	CHANGES	AS	NOTED	
		- N 1 -				
NAMF	( (	JN	RACTOR			,
SIGNATURE						

DATE \_\_\_\_\_

PROJECT COORDINATOR NAME SIGNATURE \_\_\_\_ \_\_\_\_\_ DATE \_\_\_\_ TITLE \_\_\_\_\_

DIVISION OF ENGIN INFRASTRUCTURE REHABILIT PLAYLAND PARK, RYE, N CROSS AXIS BUILD

DPW FILE **1-118-A-1091-0** REV. NO. 0

BF

Γ SEAL		RECORD	DRAWING CERTIFICATION
CHIVES		AS BUILT — CHANGES AS	
L'ACAPE			

REVISION

	WESTCHESTER C
_T - NO CHANGES	DEPARTMENT OF PUBLIC

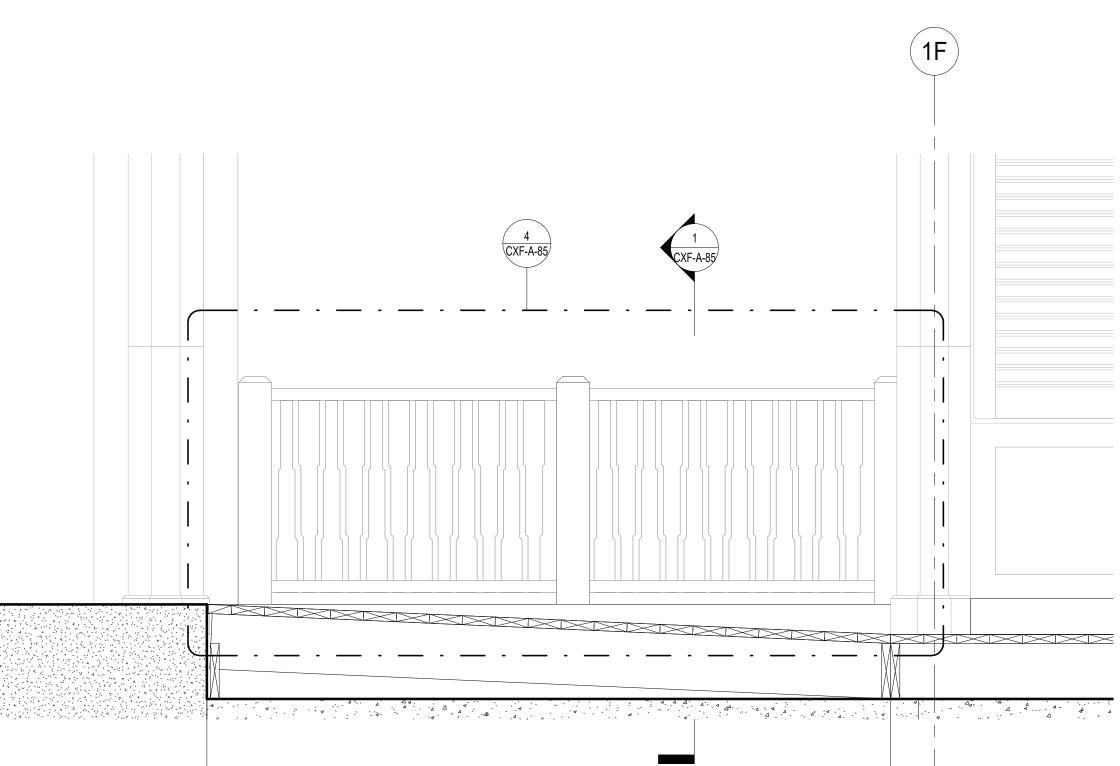
1 CXF - BOARDWALK CROSS SECTION
3/4" = 1'-0"

COUNT WORKS

FENCE AND RAMP DETAIL

TY, NEW YORK	CONTRACT SHEET NUMBER NUMBER
AND TRANSPORTATION	22-523 <b>CXF-A-85</b>
NEERING	DWG NO.: 342 of 664
ITATION PHASE 3	SCALE: As indicated
NEW YORK DING F	DATE: <b>08/23/2022</b>

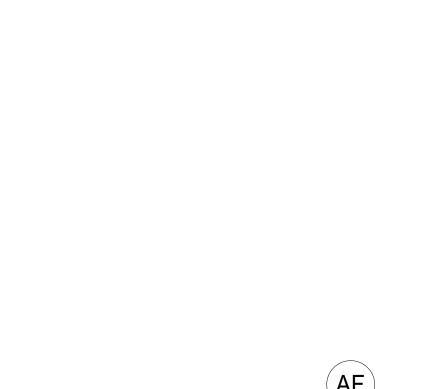
9' - 6" V.I.F. 2 CXF - BOARDWALK SECTION
3/4" = 1'-0"



9' - 4" V.I.F.

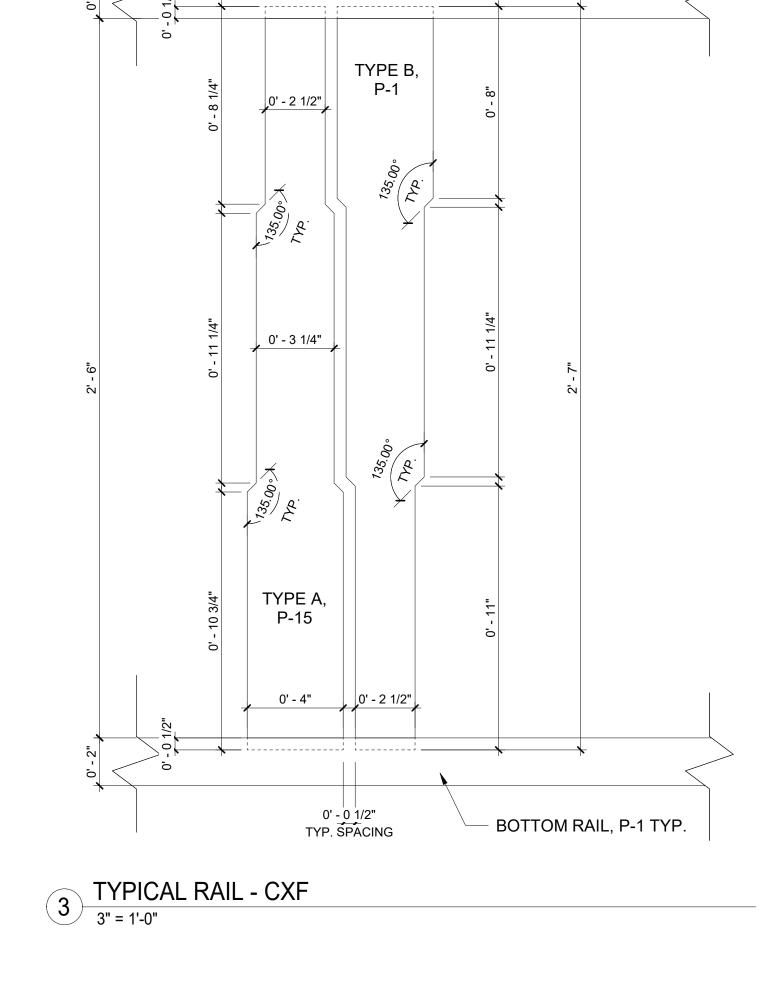
| | A | B | A | B | A | B | A | B | A | B | A | B |

| | A | B | A | B | A | B | A | B | A | B | A | B



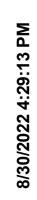
T.O. GRADE 0' - 5"

GROUND FLOOR

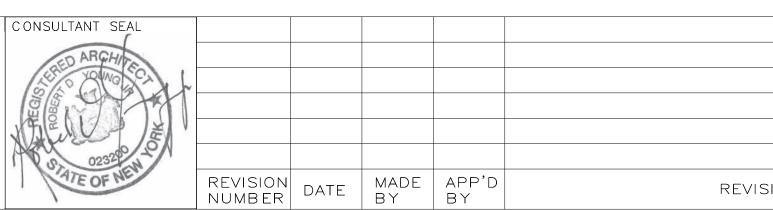


TOP RAIL, P-1 TYP.









AS BUILT — CHANGES AS NOTED

CONTRACTOR

NAME

SIGNATURE

TITLE

DATE

PROJECT COORDINATOR

NAME
SIGNATURE
TITLE
DATE

RECORD DRAWING CERTIFICATION

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

INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING F

COUNTER DOOR DETAILS

CONTRACT NUMBER

22-523 CXF-A-86

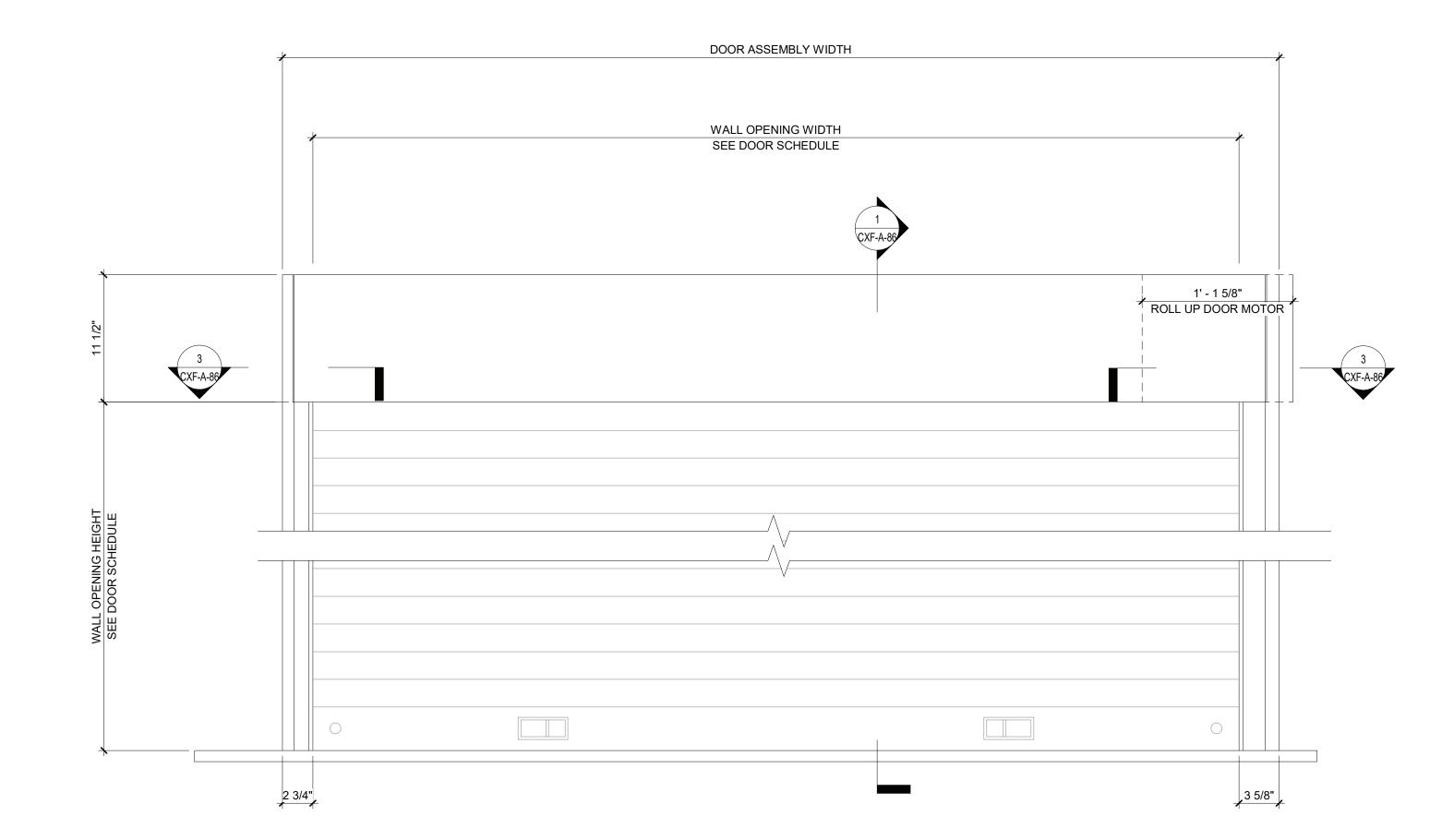
DWG NO.: 343 of 664

SCALE: As indicated

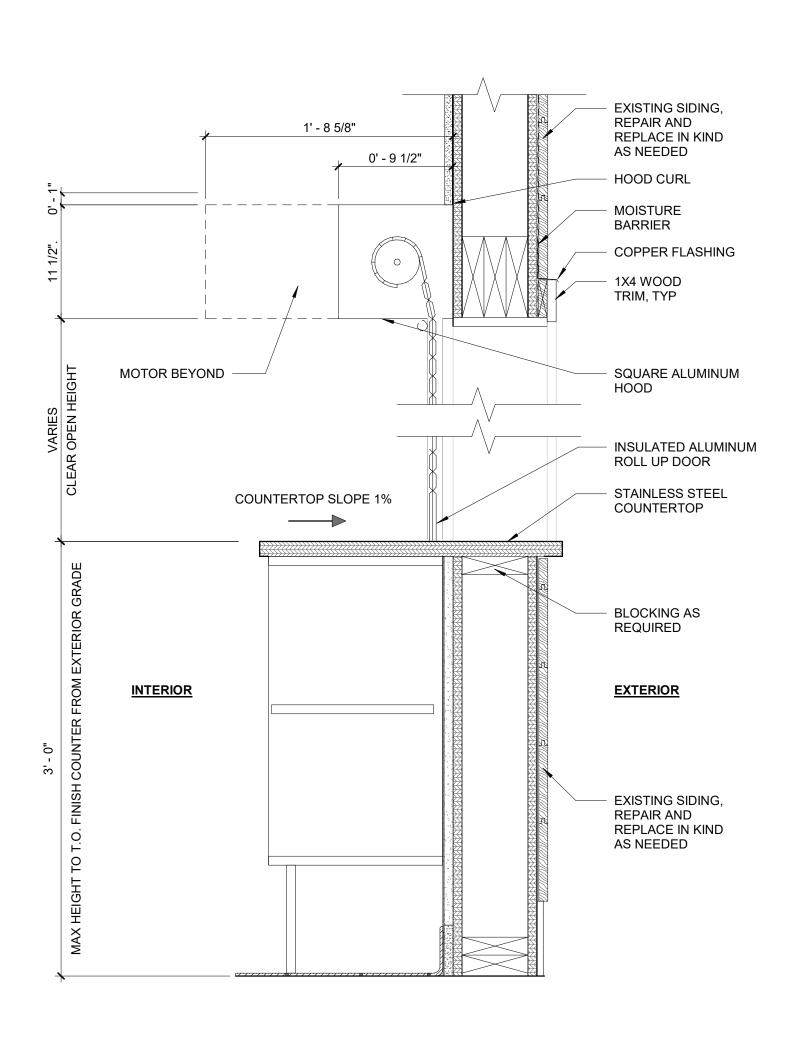
DATE: 08/23/2022

DPW FILE NUMBER 1-118-A-1092-0 REV. NO. 0

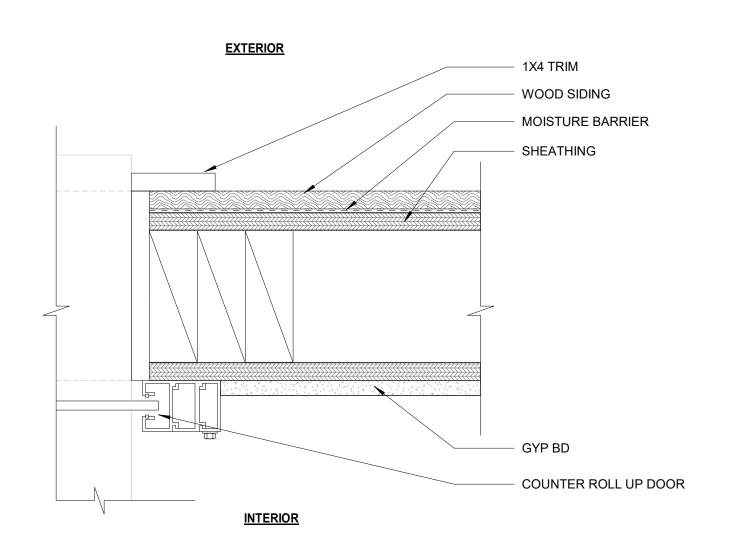
2 COUNTER ROLL UP DOOR ELEVATION
1 1/2" = 1'-0"

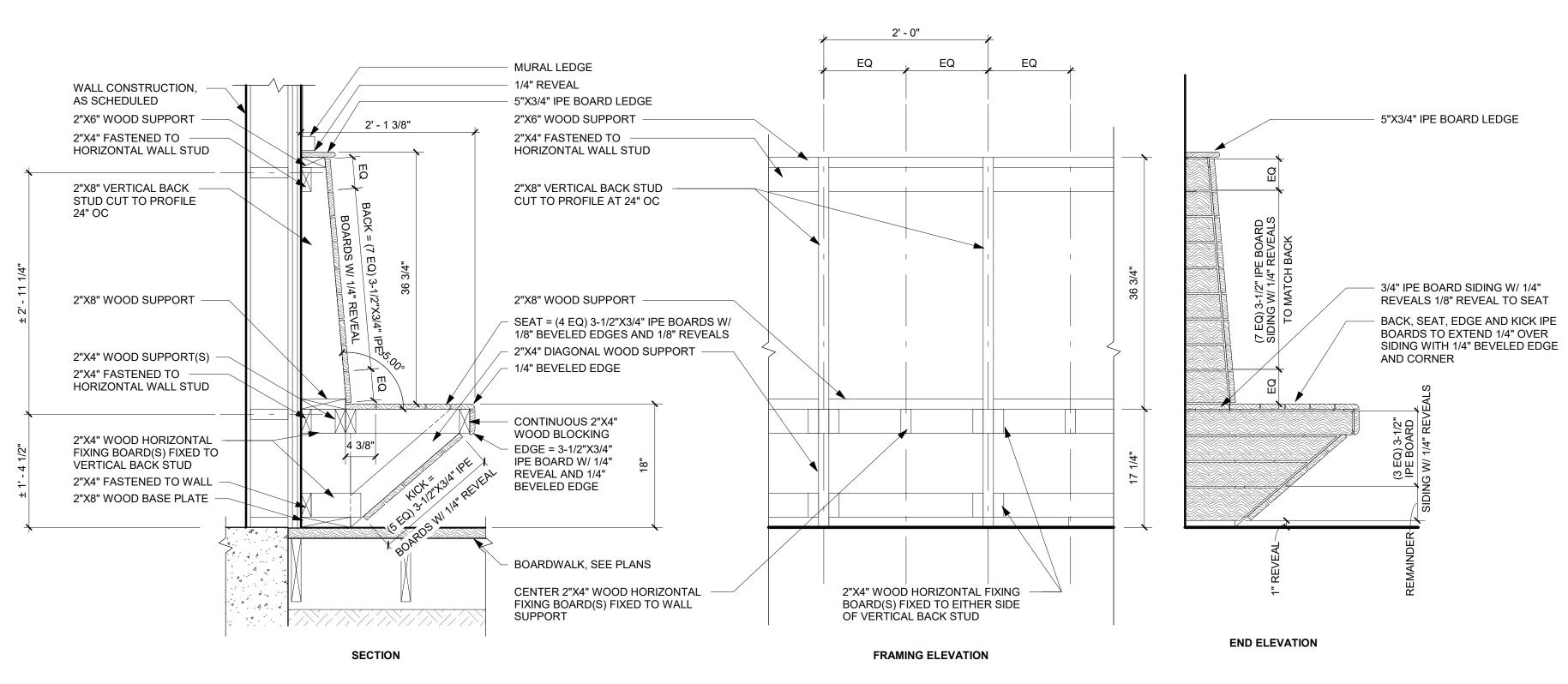






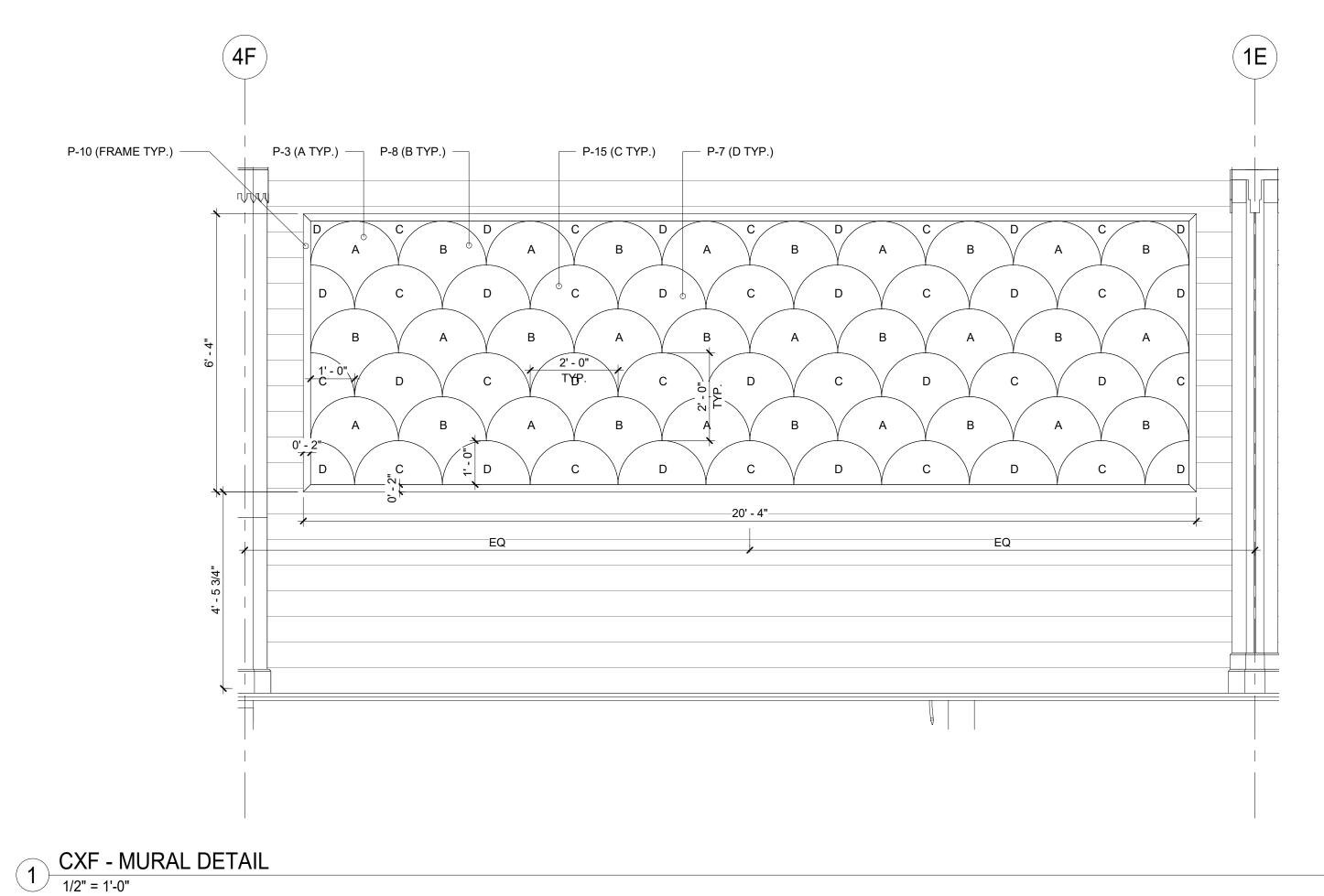






NOTE:
ALL BLOCKING SHALL BE EXTERIOR GRADE NON-TREATED WOOD IPE BOARDS SHALL BE SMOOTH FINISH QUALITY FREE OF KNOTS, SHAKES, CHECKS, WANES, CUPING, BOWING, COOKS AND TWISTS.

## 2 CXF - BENCH SECTIONS AND ELEVATIONS 1" = 1'-0"



AS BUILT - NO CHANGES   DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION   22-523   CXF-A-87    DIVISION OF ENGINEERING   Dwg no.: 344 of 664
CONTRACTOR PROJECT COORDINATOR INFRASTRUCTURE REHABILITATION PHASE 3 SCALE: As indicated

PAINTING SCHEDULE

MYSTICAL POWERS #901

HERITAGE RED #HC-181

LUCK OF THE IRISH #588

MAJOLICA GREEN #0013

ANTELOPE CANYON #125

LAZY SUNDAY #803

DEEP JUNGLE #595

FORSYTHIA #6907

CAPE BLUE #1642

WHITE SNOW #9541

READY MIX WHITE

#RAL9001

JADITE #6459

TRICORN BLACK #6258

FLORIDA BEACHES #900

PIRATES COVE PEACH #903

STUCCO PAINT TO MATCH P-1
VAN DEUSEN BLUE #HC-156

NEW YORK STATE OF MIND #805

P- 1

P- 2

P- 6

P- 9

P- 10

P- 12

P- 13

P- 14

P- 16

P- 18

P- 19

**MANUFACTURER** 

**BENJAMIN MOORE** 

BENJAMIN MOORE

BENJAMIN MOORE

BENJAMIN MOORE

BENJAMIN MOORE

BENJAMIN MOORE

SHERWIN WILLIAMS

BENJAMIN MOORE

BENJAMIN MOORE

SHERWIN WILLIAMS

SHERWIN WILLIAMS

**BENJAMIN MOORE** 

BENJAMIN MOORE

BENJAMIN MOORE
SHERWIN WILLIAMS

BENJAMIN MOORE INTERIOR USE ONLY

SHERWIN WILLIAMS

<u>REMARKS</u>

TYP. ROLL UP DOOR

CONSULTANT INFORMATION

The Like Group

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

#### **GENERAL NOTES:**

- ALL CONCRETE USED IN NOW STRIP SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3600 PSI @ 28 DAYS
   1" DEPTH CONTROL JOINTS SHALL BE INSTALLED PERPENDICULARLY BETWEEN POSTS UNLESS NOTED OTHERWISE ALONG ENTIRE LENGTH OF MOW STRIP 3. ALL TUBULAR STEEL POSTS, RAILS, AND PICKETS SHALL BE FLUSH AND FREE OF ALL DENTS, SPURS, AND SHARP EDGES AND SHALL BE INSTALLED LEVEL,
- PLUMB, AND SQUARE 4. PROVIDE CONTINUOUS LEVEL #2 WELDS ALONG ALL EDGES OF FENCE MEMBERS. GRIND SMOOTH ALL WELDS

WESTCHESTER COUNTY, NEW YORK

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION PHASE 3** 

PLAYLAND PARK, RYE, NEW YORK

**CROSS AXIS BUILDING F** 

STEEL FENCE AND GATE DETAIL

- 5. ALL METAL SURFACES SHALL BE PRIMED AND PAINTED WITH TWO COATS OF RUST-PROOF PAINT, COLOR TO MATCH EXISTING ADJACENT FENCE. GC TO SUBMIT SAMPLES AS REQUIRED
- 6. GC IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS BEFORE MANUFACTURING GATES AND FENCE 7. ALL TUBULAR STEEL FENCE MEMBERS ARE TO BE IN ACCORDANCE WITH ASTM 513 HOT ROLLED STRUCTURAL STEEL 50,000 PSI TENSILTE STRENGTH, 60,000
- 8. GC TO PROVIDE SHOP DRAWINGS FOR ALL FENCE COMPONENTS AND GATES. SHOP DRAWINGS SHALL INCLUDE ALL PRODUCT CUT SHEETS AS WELL AS INSTALLATION AND MANUFACTURING DETAILS. GC RESPONSIBLE FOR STRUCTURAL DESIGN OF GATES

SHEET NUMBER

CXF-A-88

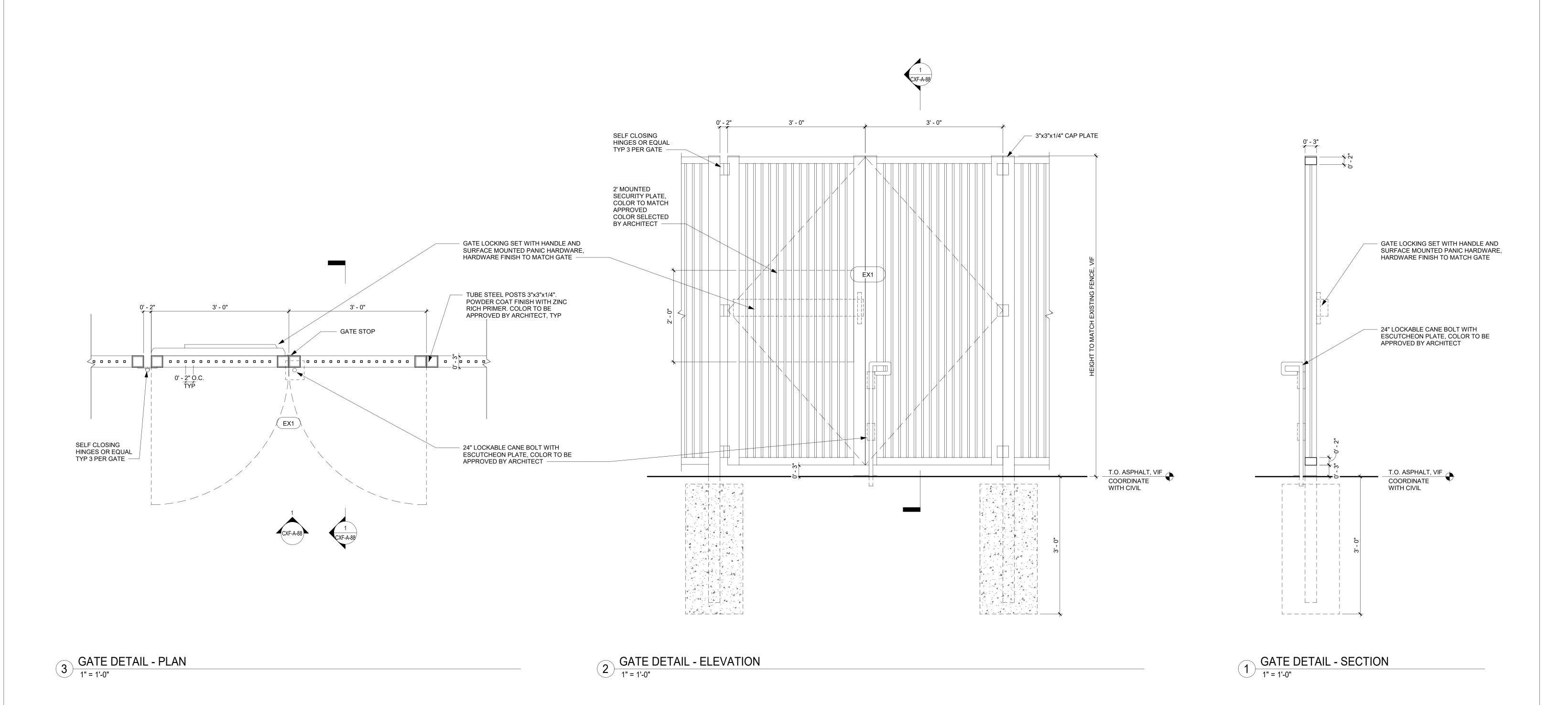
NUMBER 22-523

DWG NO.: 345 of 664

DPW FILE 1-118-A-1094-0 REV. NO.

SCALE: 1" = 1'-0"

DATE: **08/23/2022** 



RECORD DRAWING CERTIFICATION

NAME

SIGNATURE \_\_\_\_

AS BUILT - CHANGES AS NOTED

CONTRACTOR

DATE \_\_\_\_

SIGNATURE

REVISION

\_\_\_ AS BUILT - NO CHANGES

PROJECT COORDINATOR

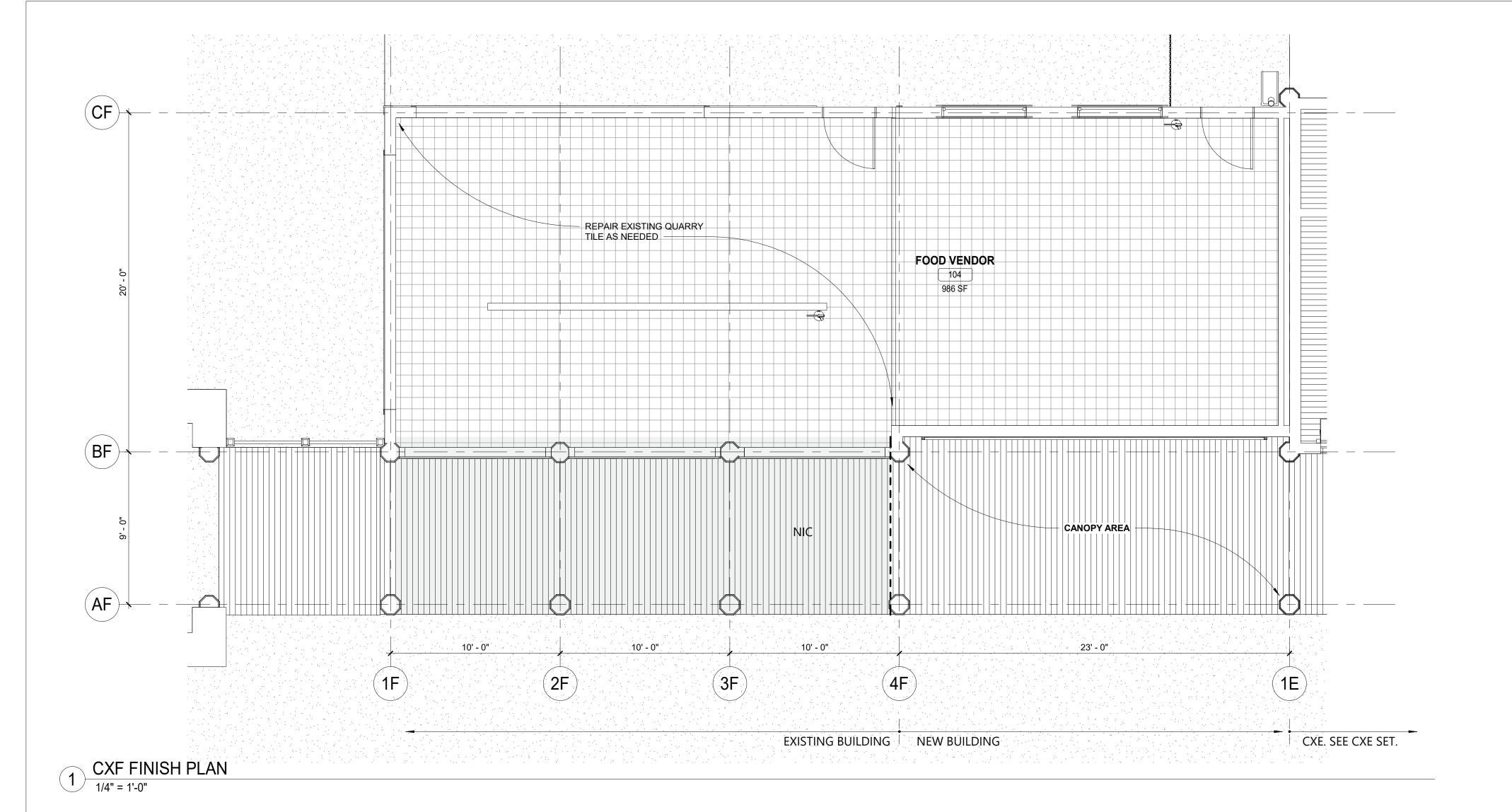
CONSULTANT INFORMATION

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

CONSULTANT SEAL

MADE APP'D BY BY

REVISION NUMBER DATE



FINISH SCHEDULE												
ROOM#	ROOM NAME	FLOORS	WALLS	CEILING	DOORS AND TRIM	WALL BASE						
101	FOOD VENDOR	Q-1	FRP-1	P-13	SEE DOOR SCHEDULE (CXF-A-92)	WB-2						
-	PORCH AREA	WD-2	-	P-10	-	-						
PAINT (FOR PAINT TYPE AND SYSTEMS, SEE SPECIFICATIONS) P-13 MFR: BENJAMIN MOORE - COLOR: READY MIX WHITE												
CEILING (FOR CEILING DETAILS, SEE CXF-A-81)												
P-13												
P-10												
FLOORING												
WD-1	2X6 WOOD BOARD TO MATCH IN KIND W	ITH EXISTING	FLOOR									
WD-2	IPE WOOD DECK											
Q-1	6X6 QUARRY TILE TO MATCH IN KIND WI	TH ADJACENT	(N.I.C. SPACE)									
WALL BASE	(FOR WALL BASE DETAILS, SE	E CXF-A-80)										
WB-1	1 x 6 WOOD BASE											
WB-2	QUARRY TILE BASE TO MATCH IN KIND \	VITH ADJACEN	IT (N.I.C. SPAC	E)								
THRESHOL	_D (FOR THRESHOLD DETAILS, SI	EE CXF-A-92)										
TR-1	EXTERIOR DOOR SILL											

#### **FINISH LEGEND:**

NIC ITEMS NOT IN CONTRACT TILE FLOORING TIMBER WOOD DECKING

QUARRY TILE FLOORING

#### FINISH PLAN NOTES:

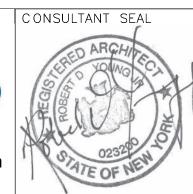
- 1. INDICATES TYPICAL FINISHES WITHIN ROOM, U.N.O. SEE SHEET CXE-A-91 FOR MATERIAL AND
- COLOR SCHEDULE. 2. ALL FLOORING COVERING MATERIALS TO BE INSTALLED PER MANUFACTURER'S STANDARD
- DETAILS AND SPECIFICATIONS. VERIFY WITH MANUFACTURER PRIOR INSTALLATION.
- 3. THE G.C. IS RESPONSIBLE FOR PROVIDING A SMOOTH LEVEL FLOOR SURFACE THAT MEETS MANUFACTURERS INSTALLATION SPECIFICATIONS PRIOR TO THE INSTALLATION OF ALL FLOORING
- 4. THE FLOORING SUB-CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT THE CONDITION OF THE BASE FLOOR MEETS THE INSTALLATION SPECIFICATIONS PRIOR TO THE INSTALLATION OF THE NEW FLOORING MATERIAL.
- 5. ALL MATERIAL TRANSITIONS AN DOOR THRESHOLDS TO TAKE PLACE AT DOOR CENTERLINE U.N.O. 6. ALL DIMENSIONS ARE TO CENTERLINE OF TRANSITION BETWEEN FLOORING MATERIALS OR FINISH COLOR OF SAME MATERIAL. PLANS DO NOT SHOW ALL TILES OF SAME MATERIALS. CONTRACTOR
- TO START TILES AT POINT AS INDICATED ON PLANS. 7. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER PREPARATION OF ALL NEW AND EXISTING SURFACES IN A SATISFACTORY MANNER TO RECEIVE NEW FINISHES. THIS INCLUDES THE DEMOLITION AND REMOVAL OF NECESSARY ITEMS. TOUCH- UP AND/ OR REFINISH

OF SURFACES DAMAGED BY SUBSEQUENT WORK SHALL BE PERFORMED IN CONFORMANCE WITH

- THE MANUFACTURER'S RECOMMENDED INSTALLATION METHODS. 8. ALL SURFACES WHICH ARE TO RECEIVE A PAINT FINISH SHALL BE PRIMED AND FINISHED IN ACCORDANCE WITH THE WRITTEN SPECIFICATIONS.
- 9. ALL JOINTS IN GYPSUM BOARD WALLS SHALL BE FINISHED WITH PAPER TAPE 2" WIDE AND THREE COATS OF VINYL, DRY OR PREMIXED JOINT COMPOUND. ALL OUTSIDE CORNERS SHALL BE FINISHED WITH METAL CORNER BEADS, TAPED AND SPACKLED. ALL AREAS TO BE PAINTED SHALL BE SANDED SMOOTH. JUST PRIOR TO THE APPLICATION OF THE FIRST COAT OF PAINT, WIPE SANDED SURFACES WITH A DAMP CLOTH IN ORDER TO LAY FLAT ANY NAP WHICH MAY HAVE
- FORMED IN SANDING. 10. THE PAINT CONTRACTOR SHALL REMOVE ALL HARDWARE, SWITCH COVERS, ETC. PRIOR TO
- PAINTING AND BE RESPONSIBLE FOR THE REINSTALLATION AFTER PAINTING IS COMPLETED. 11. FINISH FLOORING INSTALLATION SHALL BE IN CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES. COORDINATE THE INSTALLATION WITH OTHER TRADES, SUCH AS ELECTRICAL.
- 12. ALL JOINTS BETWEEN MATERIALS TO BE TIGHT AND CONSTRUCTED IN A NEAT WORKMANLIKE
- 13. ALL FINISHES SHALL BE TOUCHED UP TO CORRECT ANY IMPERFECTIONS AFTER INSTALLATION. FIXTURE CONTRACTOR SHALL PROVIDE TO THE GENERAL CONTRACTOR ALL MATERIALS FOR TOUCH UP WORK.
- 14. THE INTENT OF THE FINISH SPECIFICATIONS IS TO PROVIDE A SATISFACTORY FINISH TO ALL PARTS OF THE WORK. COVER ALL SURFACES THOROUGHLY. IF THE SPECIFIED NUMBER OF COATS DOES NOT ACCOMPLISH THE INTENT, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPLICATION OF ADDITIONAL COATS OF THE SPECIFIED MATERIAL TO GIVE SATISFACTORY COVERAGE, AT NO ADDITIONAL COST TO OWNER.
- 15. CLEAN ALL GLASS SURFACES WITH LIQUID GLASS CLEANER AT PROJECT COMPLETION. 16. REFERENCE SPECIFICATIONS FOR COMPLETE FINISH DOCUMENTATION AND MANUFACTURER
- INSTALLATION AND MAINTENANCE DOCUMENTATION.

<b>PAINTIN</b>	G 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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\_\_\_\_\_\_ DATE \_\_\_\_\_

NAME \_\_\_\_\_ SIGNATURE \_\_\_\_\_

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

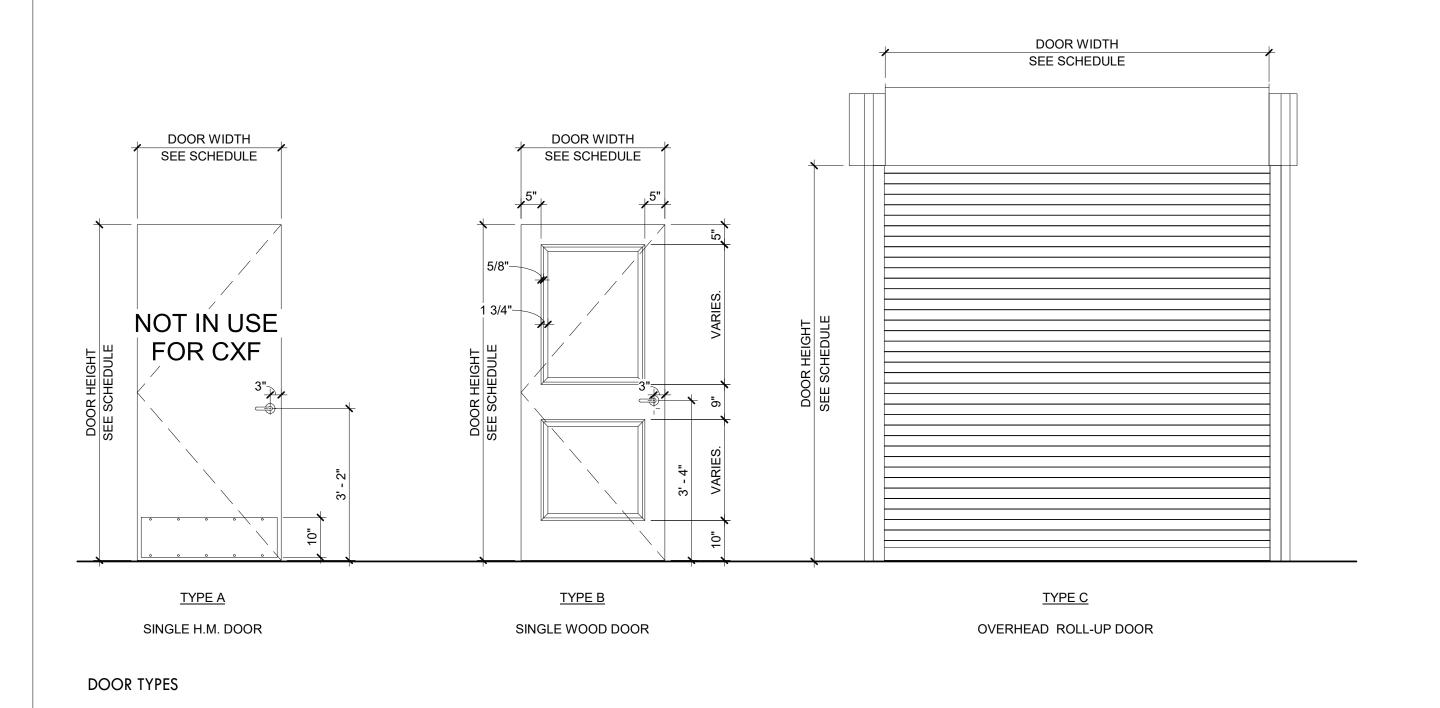
**INFRASTRUCTURE REHABILITATION PHASE 3** PLAYLAND PARK, RYE, NEW YORK **CROSS AXIS BUILDING F** FINISH PLAN AND FINISH SCHEDULE

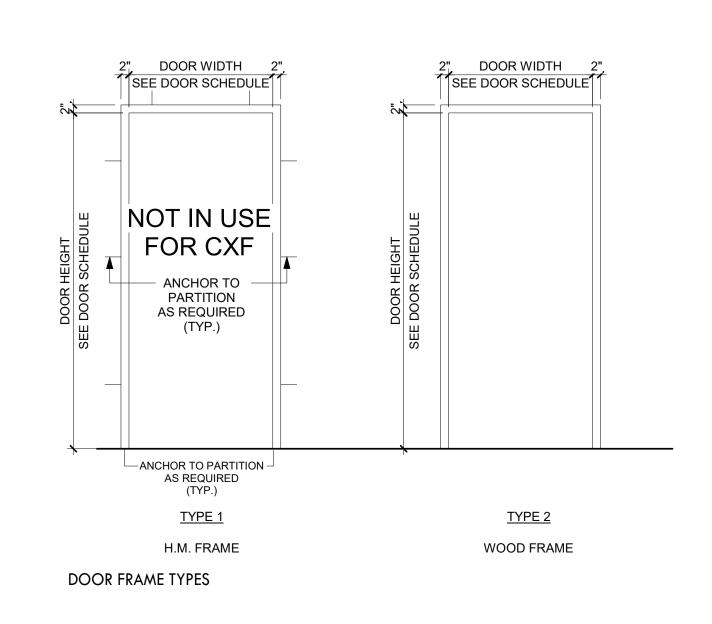
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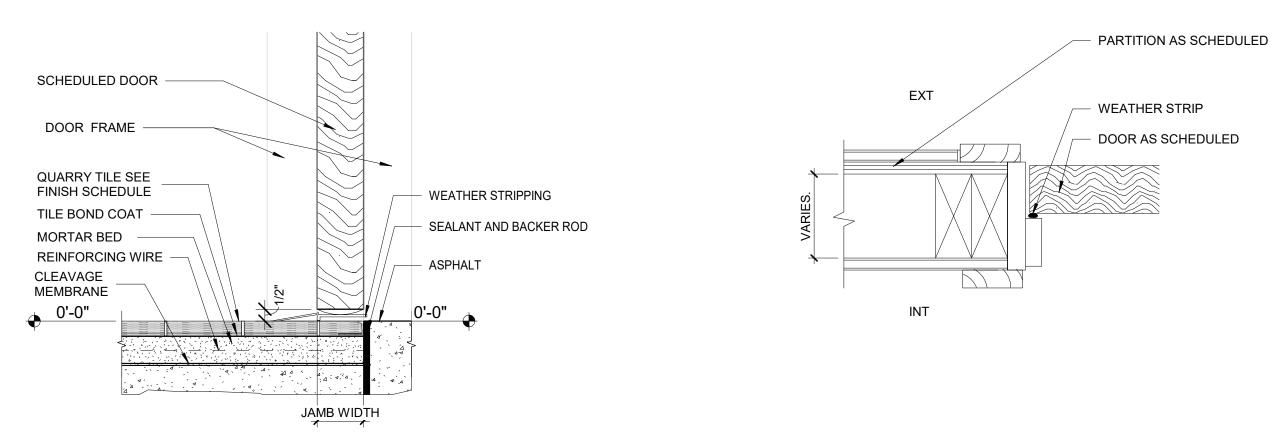
	DOOR SCHEDULE - CXF														
				DO	OOR			Do	OOR			FRAME			
BUILDING	DOOR NUMBER	DOOR TYPE	WIDTH	HEIGHT	DOOR THICKNESS	DOOR MATERIAL	GLASS	EXTERIOR FINISH	INTERIOR FINISH	FRAME TYPE	MATERIAL	EXTERIOR	INTERIOR	HDWR SET	REMARKS
CXF	101A	В	3' - 0"	7' - 0"	1 3/4"	WOOD	NO	PAINT, TBD	PAINT, P-13	2	WD.	PAINT, P-10	PAINT, P-13	11.0	TYPE X-2 SIGN
CXF	101B	В	3' - 0"	7' - 0"	1 3/4"	WOOD	NO	PAINT, P-16	PAINT, P-13	2	WD.	PAINT, P-10	PAINT, P-13	9.0	REINSTALL EXISTING DOOR AND HARDWARE, TYPE X-2 SIGN
CXF	101C	С	17' - 0"	7' - 5 1/2"		ALUM	NO	-	-	-	-	-	-	6.0	
CXF	101D	С	15' - 0"	7' - 5 1/2"		ALUM	NO	-	-	-	-	-	-	4.0	
CXF	101E	С	8' - 3 1/2"	7' - 5 1/2"		ALUM	NO	-	-	-	-	-	-	4.0	REINSTALL EXISTING ROLL UP DOOR

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

GATE SCHEDULE - CXF											
DOOR NUMBER	DOOR TYPE	WIDTH	HEIGHT	GATE MATERIAL	FINISH	HDWR SET	REMARKS				
EX1	SEE CXF-A-88	(2) 3'-0"	6'-0" VIF	STEEL	SEE CXF-A-88	PROVIDE LATCHES, SELF CLOSING HINGES, & LOCKS. TO BE APPROVED BY ARCHITECT	SEE DETAILS ON CXF-A-88				







QUARRY TILE TO ASPHALT TRANSITION

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

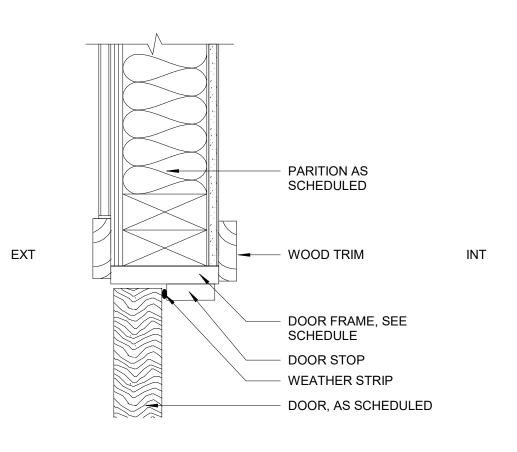
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#### **GENERAL DOOR SCHEDULE NOTES:**

- 1. REFER TO CXF-A-92 SHEET FOR DOOR SILL & TRANSITION DETAILS. SILL TRANSITION INFORMATION IS INDICATED ON FINISH PLAN UNLESS OTHERWISE NOTED. 2. REFER TO SHEET CXF-A-91 FOR FINISH SCHEDULE AND LEGEND.
- 3. THE CONTRACTOR SHALL EXAMINE THE DRAWINGS, SCHEDULE AND SPECIFICATIONS AND FURNISH PROPER HARDWARE FOR ALL OPENINGS WHETHER LISTED OR NOT. COMPLETE SHOP DRAWINGS SHALL BE PROVIDED FOR APPROVAL PRIOR TO PURCHASE.
- 4. ALL EXIT DOORS SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.
- 5. VERIFY DIMENSIONS OF EXISTING OPENINGS AND DOORS BEFORE ORDERING. 6. THE CONTRACTOR SHALL COORDINATE & VERIFY LOCATION OF RECESSED FLOOR CLOSERS, PIVOTS, ETC. WITH EXISTING FLOOR SLABS AND OTHER FIELD CONDITIONS PRIOR TO ORDERING TO ENSURE PROPER CLEARANCES & DEPTHS
- ARE ALLOWED. 7. MIN DIMENSION FROM ANY CORNER OR WALL TO FRAME STUD AT DOOR JAMB
- OPENING SHALL BE 4" U.NO.
- 8. LATCH SIDE CLEARANCE BETWEEN THE EDGE OF DOOR AND ADJACENT WALL OR OBSTRUCTIONS ON PULL SIDE SHALL BE 18" MIN
- 9. LATCH SIDE CLEARANCE BETWEEN EDGE OF THE DOOR AND ADJACENT WALL OR
- OBSTRUCTIONS ON PUSH SIDE SHALL BE 12" MIN 10. FINISHES FOR DOORS TO BE SELECTED BY ARCHITECT

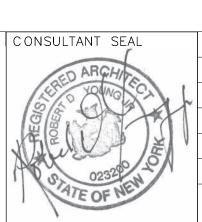
HM - HOLLOW METAL WD - WOOD AL - ALUMINUM

PAINTIN	G 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	



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





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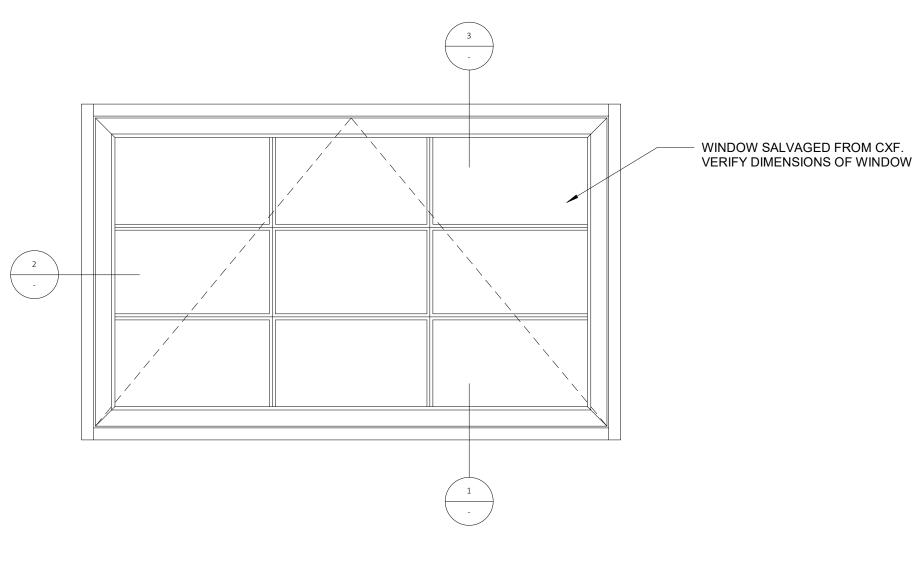
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTAT DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION PHASE 3** PLAYLAND PARK, RYE, NEW YORK **CROSS AXIS BUILDING F** DOOR SCHEDULE AND DOOR DETAILS

RK	CONTRACT NUMBER	SHEET NUMBER		
TION	22-523	CXF-A-92		
	DWG NO.: 347	of 664		
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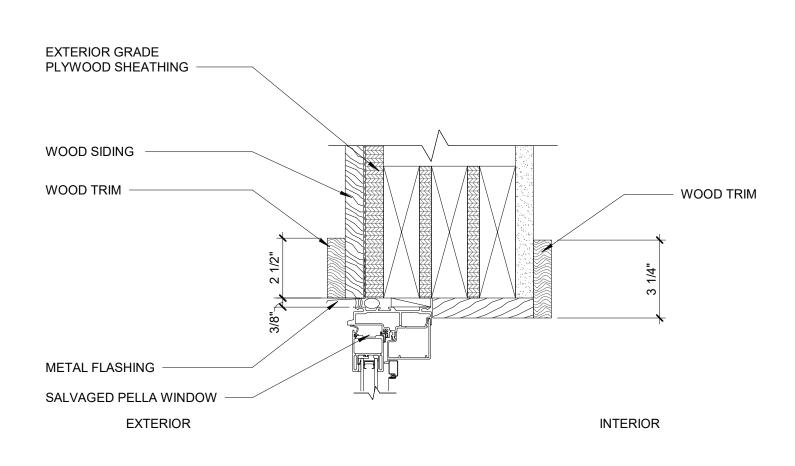
WINDOW SCHEDULE - CXF										
BUILDING	MARK	LEVEL	WINDOW TYPE	WIDTH	HEIGHT	SILL HEIGHT	WINDOW MATERIAL	EXTERIOR TRIM	INTERIOR TRIM	REMARKS
CXF	W1	GROUND FLOOR	12	VIF	VIF	6' - 6"	FIBER GLASS, BLACK	WOOD, P-10	WOOD, P-13	SALVAGED FROM CXF DEMO (SEE CXF-A-01). V.I.F. WINDOW DIMENSIONS.
CXF	W2	GROUND FLOOR	12	VIF	VIF	6' - 6"	FIBER GLASS, BLACK	WOOD, P-10	WOOD, P-13	SALVAGED FROM CXF DEMO (SEE CXF-A-01). V.I.F. WINDOW DIMENSIONS.

PAINTI	NG SCHEDULE		
KEY	COLOR	MANUFACTURER	REMARKS
P- 1	MYSTICAL POWERS #901	BENJAMIN MOORE	
P- 2	HERITAGE RED #HC-181	BENJAMIN MOORE	
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P- 4	LAZY SUNDAY #803	BENJAMIN MOORE	
P- 5	DEEP JUNGLE #595	BENJAMIN MOORE	
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P- 7	MAJOLICA GREEN #0013	SHERWIN WILLIAMS	
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P- 10	CAPE BLUE #1642	BENJAMIN MOORE	
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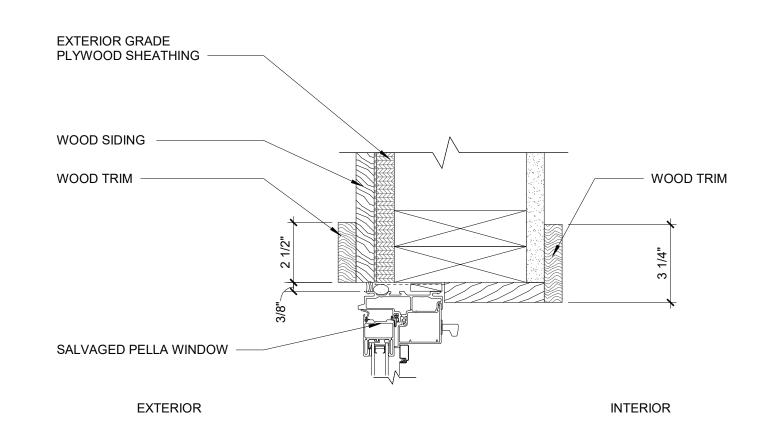
WINDOW TYPE A

WINDOW TYPE.



AWNING WINDOW HEAD DEATIL

3" = 1'-0"

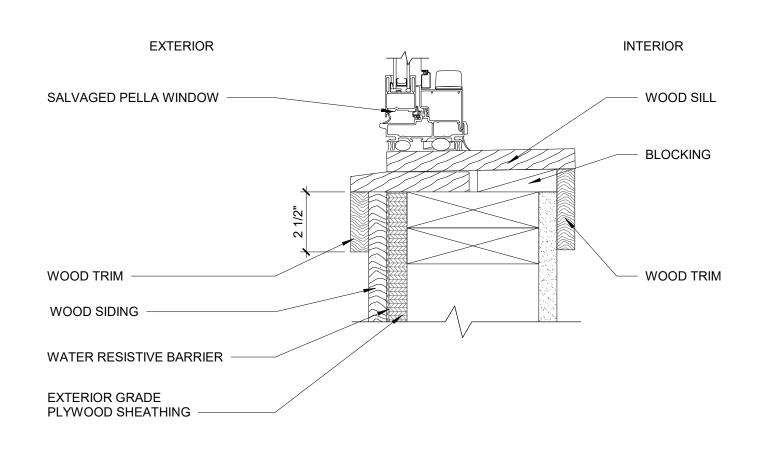


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2 AWNING WINDOW JAMB DETAIL
3" = 1'-0"

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



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REVISION

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

INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK

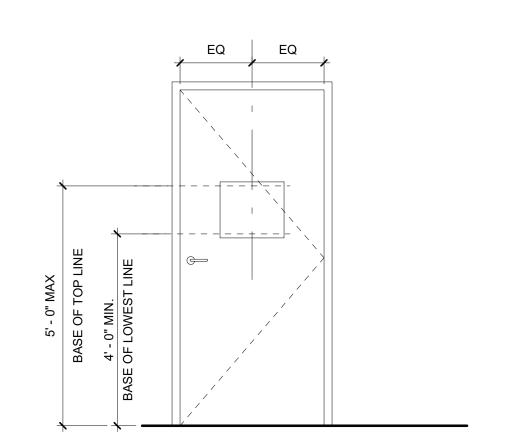
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WINDOW SCHEDULE AND WINDOW DETAILS

DATE \_\_\_\_\_

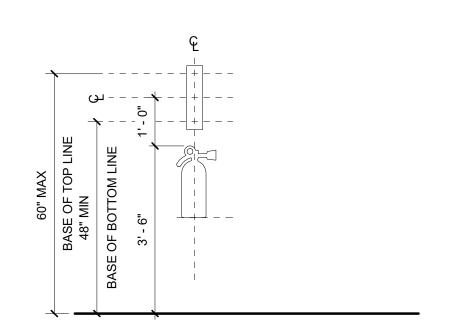
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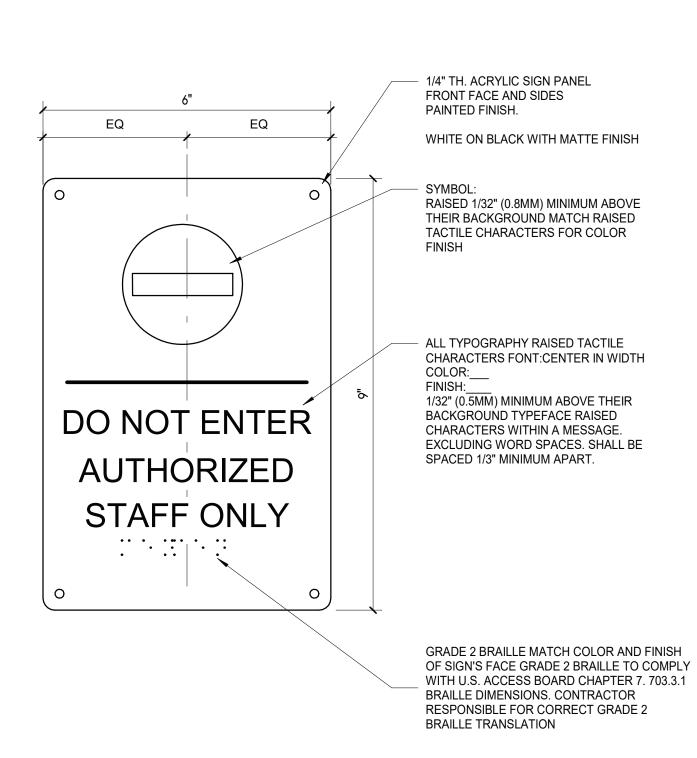
SIGN LOCATION ELEVATION - TYPICAL DOOR CONDITION

1/2" = 1'-0"



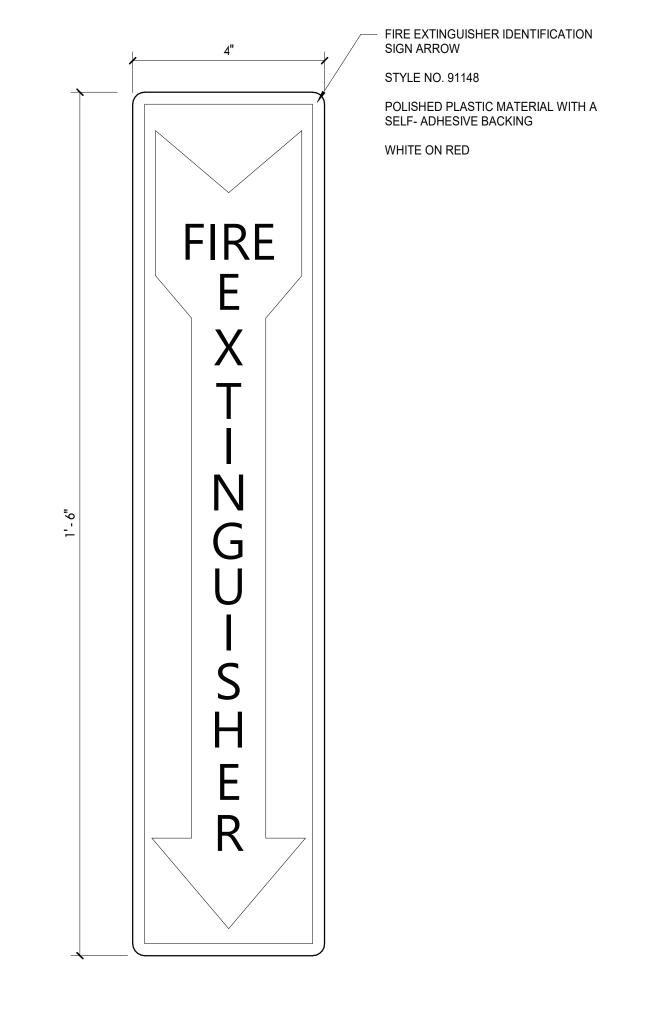
FIRE EXTINGUISHER SIGN LOCATION ELEVATION

1/2" = 1'-0"

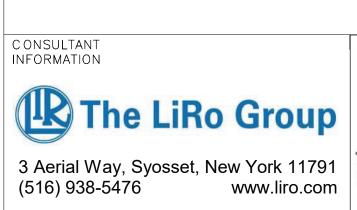


TITLE \_\_\_\_\_ DATE \_\_\_\_\_

TYPE X-2 - STAFF ONLY SIGN
6" = 1'-0"



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



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INFRASTRUCTURE REHABILITATION PHASE 3 PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING F					
DIVISION OF ENGINEERING					
DEPARTMENT OF PUBLIC WORKS AND TRANSPOR	TΑ				
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SIGNAGE TYPES, SCHEDULES AND DETAILS

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	SCALE: As indic	ated			
	DATE: <b>08/23/20</b>	)22			
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#### STRUCTURAL NOTES

#### **GENERAL**

- THESE NOTES ARE GENERAL AND SUPPLEMENTAL TO THE SPECIFICATIONS. THESE NOTES APPLY TO THE ENTIRE PROJECT UNLESS MODIFIED OR NOTED OTHERWISE IN THE CONTRACT DOCUMENTS.
- STANDARD DETAILS, SHOWN ON DRAWINGS CXF-S-07 SHALL BE USED WHEN REFERRED TO OR WHEN NO MORE RESTRICTIVE OR DIFFERENT DETAILS ARE SHOWN ON THE DRAWINGS.
- G-3 DESIGN WAS IN ACCORDANCE WITH AND CONSTRUCTION SHALL COMPLY WITH THE PROVISIONS OF THE NEW YORK STATE BUILDING CODE (2020 NYSBC). THE DESIGN LOADS AND OTHER DESIGN VALUES GIVEN BELOW WERE USED FOR DESIGN OF STRUCTURES UON ON THE DRAWINGS.
- G-4 DESIGN LOADS FOR NEW ELEMENTS: LIVE LOADS:

CROSS AXIS BUILDING F:

FLOOR: 100 PSF

SNOW LOADS: GROUND SNOW LOAD, Pq = 30 PSFPf= 21 PSF ROOF SNOW LOAD, SNOW EXPOSURE FACTOR, Ce = 0.9SNOW LOAD IMPORTANCE FACTOR, 1 = 1.1THERMAL FACTOR, Ct = 1.0

WIND DESIGN: BASIC WIND SPEED. V = 126 MPHBUILDING CATEGORY: WIND EXPOSURE CATEGORY: INTERNAL PRESSURE COEFFICIENT,  $GCpi = \pm 0.18$ SEISMIC DESIGN:

SPECTRAL RESPONSE COEFFICIENTS: SDS = SD1 = 0.096 SITE CLASS: SEISMIC DESIGN CATEGORY: SEISMIC IMPORTANCE FACTOR: I = 1.25BASIC SEISMIC FORCE RESISTING SYSTEM IS AS SHOWN ON DRAWINGS DESIGN BASE SHEAR, V = AS SHOWN ON DRAWINGS

ANALYSIS PROCEDURE IS EQUIVALENT LATERAL FORCE METHOD, UON. RESPONSE MODIFICATION FACTOR, R: CROSS AXIS BUILDING F: R = 7

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

- G-5 ALL DIMENSIONS INDICATED (\*) ARE TO BE VERIFIED EITHER BY FIELD MEASUREMENTS FOR EXISTING STRUCTURES OR BY SHOP DRAWINGS FOR EQUIPMENT FURNISHED. STRUCTURAL DIMENSIONS NOT SHOWN BUT CONTROLLED BY OR RELATED TO EQUIPMENT SHALL BE VERIFIED BY THE CONTRACTOR WITH THE MANUFACTURER PRIOR TO CONSTRUCTION.
- STRUCTURAL DRAWINGS SHALL BE USED IN COORDINATION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND MANUFACTURER'S SHOP DRAWINGS.
- IF A CONFLICT IS FOUND BETWEEN DIFFERENT PORTIONS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. CONTINUED CONSTRUCTION OF THE AREA IN CONFLICT SHALL BE AT THE CONTRACTOR'S OWN RISK UNTIL THE CONFLICT IS RESOLVED BY THE
- WHENEVER ONE MEMBER IS FASTENED TO ANOTHER WITH FASTENINGS (BOLTS, WELDS, ETC.) SET AT A UNIFORM SPACING, THERE SHALL BE A MINIMUM OF TWO FASTENINGS PER PIECE CONNECTED AND THE FIRST AND LAST FASTENINGS SHALL BE LOCATED NOT TO EXCEED 0.25 OF FASTENER SPACING FROM EACH END.
- STRUCTURES HAVE BEEN DESIGNED FOR OPERATIONAL LOADS ON THE COMPLETED STRUCTURE. DURING CONSTRUCTION, THE STRUCTURES SHALL BE PROTECTED BY BRACING AND TEMPORARY SUPPORTS WHEREVER EXCESSIVE CONSTRUCTION LOADS MAY OCCUR. OVERSTRESSING OF ANY STRUCTURAL ELEMENT IS PROHIBITED.
- G-10 NO BACKFILL SHALL BE PLACED AGAINST ANY WALL UNLESS ALL SUPPORTING ELEMENTS OF THE STRUCTURE HAVE BEEN CONSTRUCTED AND HAVE REACHED THE SPECIFIED MINIMUM CONCRETE STRENGTH.
- G-11 THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING INFORMATION IN THE FIELD AS REQUIRED FOR NEW WORK.

#### FOUNDATIONS

- F-1 DESIGN ASSUMPTIONS: A) ALLOWABLE BEARING PRESSURE: 1. SOUND ROCK - 8 TSF, 2. OVERBURDEN - 1 TSF.
  - B) GROUNDWATER: EXISTING GROUNDWATER ELEVATIONS VARY ACROSS
- GRAVITY UNDER DRAINS SHALL BE PROVIDED TO PERMANENTLY LOWER GROUNDWATER.
- F-3 CONCRETE GENERAL NOTES APPLY TO FOUNDATIONS.
- MINIMUM DEPTH FROM ADJACENT FINISHED GRADE TO BOTTOM OF FOUNDATION, 4'-0"
- FOUNDATIONS BEARING ON ROCK SHALL BE CONSTRUCTED SUCH THAT ROCK SURFACE IS LEVEL, UNLESS APPROVED BY ENGINEER.
- COMPACTED SELECT GRANULAR FILL 12 INCHES THICK MINIMUM, SHALL BE PLACED BELOW ALL CONCRETE FOUNDATIONS UNLESS DIRECTLY BEARING ON SOUND ROCK.

#### STRUCTURAL METALS

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

S-2 STEEL MATERIAL:

A) STRUCTURAL TUBING, ASTM A 500, GRADE B. B) STRUCTURAL PIPE, ASTM A 53, GRADE B.

C) PLATES AND ANGLES, ASTM A 36 UNO. D) STRUCTURAL W SHAPES, ASTM A 992 (MIN. YIELD STRENGTH OF

E) STRUCTURAL S, M, & H SHAPES ASTM A572 GRADE 50. PROVIDE MIN 3/4" DIAMETER ASTM A 325 HIGH STRENGTH BOLTS WITH

FULLY TIGHTENED TYPE N CONNECTIONS FOR STRUCTURAL STEEL UON.

- PROVIDE TYPICAL STEEL BEAM CONNECTIONS FOR A CAPACITY NOT LESS THAN THE TOTAL UNIFORM LOAD CAPACITY TABULATED IN THE AISC TABLES FOR ALLOWABLE LOADS OF BEAMS UNLESS NOTED OTHERWISE.
- S-5 CAST IN PLACE ANCHOR BOLTS FOR STRUCTURAL STEEL SHALL CONFORM TO ASTM A307 UON.
- DO NOT PAINT STEEL SURFACES WHICH ARE TO BE WELDED OR ARE TO BE ENCASED IN CONCRETE.
- STAINLESS STEEL SHALL BE TYPE 316 FOR BOLTED CONSTRUCTIONS AND 316L FOR WELDED CONSTRUCTIONS.
- ALUMINUM SHALL BE ALLOY 6061-T6.
- S-9 ALL GROOVE AND BUTT WELDS SHALL BE FULL PENETRATION.
- S-10 FILLET WELD SIZES SHALL BE THE MINIMUM SIZE REQUIRED BY AISC CODE FOR PLATE SIZES TO BE CONNECTED AND SHALL BE APPLIED TO THE ENTIRE JOINT CONTACT LENGTH, BUT NOT LESS THAN 3/16".
- S-11 DETAIL, FABRICATE, AND ERECT ALUMINUM IN ACCORDANCE WITH THE ALUMINUM ASSOCIATION CONSTRUCTION MANUAL CURRENT EDITION.
- S-12 ALL BOLTS, ANCHOR BOLTS, AND CONCRETE ANCHORS CONNECTING ALUMINUM SHALL BE TYPE 316 STAINLESS STEEL UON.
- S-13 ALUMINUM SHALL BE ISOLATED FROM CONTACT WITH CONCRETE OR DISSIMILAR METALS.

#### EXCAVATION

- E-1 CONTRACTOR SHALL PERFORM ALL EXCAVATION IN ACCORDANCE WITH STATE, LOCAL AND FEDERAL REQUIREMENTS INCLUDING OSHA BRACING AND EXCAVATION REQUIREMENTS.
- E-2 TEMPORARY SHEETING AND BRACING IS NOT SHOWN ON CONTRACT DRAWINGS. ALL EXCAVATIONS WITH A POTENTIAL FOR CAVE-IN SHALL BE PROVIDED WITH EXCAVATION PROTECTION SYSTEMS IN ACCORDANCE WITH OSHA 1926. SLOPING AND BENCHING WHICH WILL ENCROACH ON AREAS SLATED TO REMAIN ACCESSIBLE OR THAT MAY ENCROACH ON EXISTING FOOTINGS AND STRUCTURES SHALL NOT BE PERMITTED.
- CONTRACTOR SHALL ENGAGE THE SERVICES OF A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK TO DESIGN ALL TEMPORARY SHEETING AND BRACING AND RELATED APPURTENANCES. CONTRACTOR TO SUBMIT SUCH PLANS TO ENGINEER FOR INFORMATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING OF OPEN
- E-5 ALL EXCAVATED MATERIALS SHALL BE REMOVED FROM SITE TO A FACILITY AS REQUIRED BY STATE, LOCAL FEDERAL LAW.

- T-1 ALL WOOD FRAMING MEMBERS INCLUDING, BUT NOT LIMITED TO, WALL STUDS AND JOISTS, ARE INTENDED TO ACT AS A SYSTEM AS DETAILED IN THE STRUCTURAL DRAWINGS AND ONCE CONSTRUCTION IS COMPLETE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE SAFETY AND STABILITY OF WOOD FRAMING SYSTEMS (I.E. TEMPORARY BRACING IF REQUIRED) DURING CONSRTUCTION AS A RESULT OF CONSTRUCTION METHODS AND SEQUENCES.
- T-2 ALL TIMBER BELOW FLOOR DECKING SHALL BE PRESSURE—TREATED SOUTHERN PINE LUMBER.
- T-3 STORAGE OF ALL LUMBER AND TIMBER ON SITE SHALL BE KEPT OFF GROUND, UNDER COVER AND PROTECTED FROM DAMAGE.
- T-4 ALL DIMENSIONAL LUMBER SHALL BE CERTIFIED BY THE SUPPLIER IN WRITING TO BE KILN DRIED.
- T-5 STRUCTURE SHALL NOT BE ENCLOSED UNLESS LUMBER MOISTURE CONTENT HAS BEEN VERIFIED TO BE AT OR BELOW 15%. ANY SIGNS OF MOLD SHALL BE REMOVED AND TREATED IN ACCORDANCE WITH PROJECT SPECIFICATIONS OR INDUSTRY STANDARDS.
- T-6 ALL LUMBER IN CONTACT WITH THE GROUND OR CONCRETE SHALL BE PRESSURE TREATED.
- T-7 FASTENERS FOR PRESERVATIVE TREATED AND FIRE RETARDANT TREATED WOOD SHALL BE OF HOT DIPPED ZINC COATED GALVANIZED STEEL OR STAINLESS STEEL AND SHALL FOLLOW CURRENT SIMPSON GUIDELINES BASED ON WEATHER EXPOSURE. WHERE STAINLESS STEEL CONNECTORS OR HOT DIPPED GALVANIZED CONNECTORS ARE SPECIFIED IN THE DRAWINGS, STAINLESS STEEL OR HOT DIPPED GALVANIZED FASTENERS SHALL BE USED TO MATCH CONNECTOR TYPE.
- T-8 ALL PLATES AND LEDGERS SHALL BE FASTENED WITH A MINIMUM (3) ANCHORS PER PIECE UNLESS NOTED OTHERWISE.
- T-9 ALL METAL HARDWARE AND FRAMING ACCESSORIES SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY. ALL ITEMS SHALL BE INSTALLED PER THE SIMPSON'S INSTALLATION REQUIREMENTS. ALL NAIL HOLES SHALL BE FILLED WITH THE RECOMMENDED FASTENER UNLESS NOTED OTHERWISE ON THE DRAWING.
- T-10 HOLES FOR BOLTS SHALL BE DRILLED WITH A BIT OF THE SAME NOMIMAL DIAMETER AS THE BOLT + 1/16". LEAD HOLES FOR LAG SCREWS SHALL BE BORED PER NDS 11.1.3.
- T-11 ALL BOLTS, CARRIAGE BOLTS, LAG SCREWS, EXPANSION BOLTS AND EPOXY BOLTS SHALL BE INSTALLED WITH STANDARD CUT WASHERS UNDER THE BOLT HEAD AND NUTS THAT BEAR DIRECTLY ON THE WOOD. ALL NUTS SHALL BE TIGHTENED AT THE TIME OF INSTALLATION AND RE-TIGHTENED IF NECESSARY, DUE TO WOOD SHRINKAGE, PRIOR TO CLOSE OUT OR COMPLETION OF THE PROJECT. BOLTS AND LAG SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1. WOOD SCREWS SHALL CONFORM TO B18.6.1. ALL BOLTS SHALL CONFORM TO ASTM A307 GRADE A UNLESS NOTED OTHERWISE.
- T-12 CUTTING AND NOTCHING OF SAWN LUMBER RAFTERS AND STUDS SHALL BE IN CONFORMANCE WITH THE FOLLOWING CRITERIA:
  - A. JOISTS NOTCHES AT THE ENDS OF JOISTS SHALL NOT EXCEED 1/5 OF THE JOIST DEPTH. HOLES IN JOISTS SHALL NOT BE WITHIN 2%INCHES OF THE TOP OR BOTTOM OF THE JOIST, AND THE DIAMETER OF ANY SUCH HOLE SHALL NOT EXCEED 1/4 THE DEPTH OF THE JOIST. NOTCHES IN THE TOP OR BOTTOM OF THE JOISTS SHALL NOT EXCEED 1/6 THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE OF THE THIRD SPAN.
  - B. RAFTERS NOTCHES AT THE ENDS OF RAFTERS OR CEILING JOISTS SHALL NOT EXCEED 1/5 OF THE DEPTH. NOTCHES IN THE TOP OR BOTTOM OF THE RAFTER OR CEILING JOIST SHALL NOT EXCEED 1/6 THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE 1/3 OF THE SPAN. EXCEPT THAT A NOTCH NOT EXCEEDING 1/3 OF THE DEPTH IS PERMITTED IN THE TOP OF THE RAFTERS OR CEILING JOIST NOT FURTHER FROM THE FACE OF THE SUPPORT THAN THE DEPTH OF THE MEMBER. HOLES BORED IN RAFTERS OR CEILING JOISTS SHALL NOT BE WITHIN 21/2" INCHES OF THE TOP AND BOTTOM AND THEIR DIAMETER SHALL NOT EXCEED 1/4 THE DEPTH OF THE MEMBER.
  - C. WALL STUDS A MAXIMUM OF 21/2" DIAMETER NEATLY BORED HOLE MAY BE PLACED IN THE CENTER OF ALL BEARING 2x6 STUDS WITH NO ADDITIONAL REINFORCEMENT REQUIRED.

#### SPECIAL INSPECTIONS - CROSS AXIS BUILDING F

- S-1 SPECIAL INSPECTION SHALL COMPLY WITH SPECIFICATIONS.
- S-2 SPECIAL INSPECTION WILL BE PERFORMED IN ACCORDANCE WITH CHAPTER 17 OF THE NYS BUILDING CODE.
- SPECIAL INSPECTION WILL BE PERFORMED ON THE FOLLOWING STRUCTURAL
  - A) STRUCTURAL STEEL CONSTRUCTION (1705.2)
  - B) WOOD CONSTRUCTION (1705.5)
  - C) CONCRETE CONSTRUCTION (1705.3)
- D) DRIVEN DEEP FOUNDATIONS (1705.7)
- E) WIND RESISTANCE (1705.11)
- F) SEISMIC RESISTANCE (1705.12)

#### CONCRETE (EXCEPT PRECAST)

- C-1 CONCRETE STRENGTH CLASSES (28-DAY COMPRESSIVE STRENGTH): CLASS A (5000 PSI) STRUCTURES, REINFORCED DUCT BANKS, AND PIPE ENCASEMENT. FOR CONCRETE WALLS GREATER THAN 2 FEET THICK FOLLOW ACI RECOMMENDATIONS FOR MASS CONCRETE. CLASS D (2500 PSI) SIDEWALKS, CURBS AND GUTTERS, CONCRETE FILL, THRUST BLOCKS, UNREINFORCED DUCT BANKS AND PIPE ENCASEMENT, FENCE POST EMBEDMENT.
- C-2 REINFORCEMENT: ASTM A615, GRADE 60, OR ASTM A706, GRADE 60 WHERE REINFORCEMENT IS TO BE WELDED.
- C-3 CONCRETE COVER FOR REINFORCING: A) SURFACES CAST AGAINST SUBGRADE 3" MIN. B) FORMED SURFACES IN CONTACT WITH SOIL OR LIQUID 2" MIN. C) SURFACES NOT IN CONTACT WITH WEATHER, SOIL, OR LIQUID  $1 \ 1/2$ " MIN.
- C-4 CONSTRUCTION JOINTS & CONTROL JOINTS SHALL BE LOCATED AS SHOWN ON THE DRAWINGS. WHERE NOT SHOWN, CONSTRUCTION JOINTS SHALL BE LOCATED AT NO MORE THAN 30 FEET ON CENTER. JOINT LOCATIONS SHALL BE AS APPROVED BY THE FNGINFFR.
- C-5 EQUIPMENT SUPPORTS, ANCHORAGES, OPENINGS, RECESSES AND REVEALS NOT SHOWN ON THE STRUCTURAL DRAWINGS BUT REQUIRED BY OTHER DISCIPLINES, SHALL BE PROVIDED FOR PRIOR TO PLACING CONCRETE.
- C-6 SPLICES SHALL BE CLASS 'B' CONFORMING TO THE PROVISIONS OF ACI 318 UNLESS NOTED OTHERWISE.
- C-7 AT ALL TYPICAL CURBS, EQUIPMENT PADS, AND PIPE SUPPORT PIERS, REINFORCING DOWELS SHOWN MAY BE REPLACED WITH MATCHING DOWELS SET IN EPOXY IN DRILLED HOLES AS SPECIFIED. DOWELS LOCATED CLOSER THAN 3" FROM ANY EDGE OF CONCRETE SHALL NOT BE REPLACED WITH DRILLED DOWELS.
- C-8 DRILLED EPOXY DOWELS (WHERE DOWELS ARE SHOWN TO BE PLACED INTO HARDENED CONCRETE): A) THE HOLE DIAMETER SHALL BE NO LARGER THAN 1/8" GREATER
  - DEFORMATIONS. B) THE DEPTH OF EMBEDMENT SHALL BE 12 BAR DIAMETERS, UNLESS SHOWN OTHERWISE.

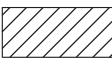
THAN THE DIAMETER OF THE REINFORCING BAR AT THE

- C) ADJUST THE DOWEL LOCATIONS AS NEEDED TO AVOID DRILLING THROUGH ANY REINFORCING BARS.IF THE DOWEL LOCATION NEEDS TO BE MODIFIED, CONTACT THE ENGINEER.
- C-9 SLABS WITH SLOPING SURFACES SHALL HAVE THE INDICATED SLAB THICKNESS MAINTAINED AS THE MINIMUM. SLAB BOTTOMS CAN EITHER SLOPE WITH THE TOP SURFACE OR BE LEVEL. REINFORCEMENT IN SLABS WITH SLOPING SURFACES SHALL BE PLACED AT THE REQUIRED CLEARANCE FROM THE SLAB SURFACE.
- C-10 SLOPES SHOWN ON SLAB SURFACES BY FLOW ARROWS SHALL BE 1.0 PERCENT UNLESS NOTED OTHERWISE.
- C-11 WHERE HORIZONTAL CONSTRUCTION JOINTS, LOCATED ABOVE THE FOUNDATION SLAB, EXTEND BEYOND WHERE NEEDED, THEY SHALL BE TERMINATED AT A VERTICAL CONSTRUCTION JOINT APPROVED BY THE ENGINEER.
- C-12 DOWELS, ANCHOR BOLTS, PIPES, WATERSTOPS AND OTHER EMBEDDED ITEMS SHALL BE HELD SECURELY IN POSITION WHILE CONCRETE IS BEING PLACED.
- C-13 CONDUITS AND OTHER SIMILAR ITEMS EMBEDDED IN OR PENETRATING THROUGH CONCRETE SHALL BE SPACED ON CENTER NOT LESS THAN 3 TIMES THEIR OUTSIDE DIMENSION, BUT NOT LESS THAN 2 1/2" CLEAR IN CLASS 45F CONCRETE OR 2" CLEAR IN CLASS 45 CONCRETE. SUCH ITEMS SHALL NOT EXCEED 1/3 OF THE MEMBER THICKNESS.
- C-14 REINFORCING BARS AND ACCESSORIES SHALL NOT BE IN CONTACT WITH ANY METAL PIPE, PIPE FLANGE, METAL CONDUIT, OR OTHER METAL PARTS EMBEDDED IN CONCRETE. A MINIMUM CLEARANCE OF 2 INCHES SHALL BE PROVIDED.
- C-15 ALL JOINTS WHICH ARE IN MEMBERS IN CONTACT WITH LIQUID OR BELOW GRADE SHALL HAVE A WATERSTOP. CONSTRUCTION JOINTS SHALL HAVE A 6" PVC FLATSTRIP WATERSTOP. EXPANSION JOINTS SHALL HAVE A 9" PVC CENTERBULB WATERSTOP.
- C-16 IN VERTICAL JOINTS, WATERSTOP SHALL STOP NO LESS THAN 18" ABOVE THE MAXIMUM WATER SURFACE OR 18" ABOVE GRADE, WHICHEVER IS HIGHER.
- C-17 AT JOINT INTERSECTIONS, WATERSTOPS SHALL BE CONNECTED SO AS TO FORM A COMPLETE SEAL USING CONNECTION PIECES AS
- C-18 ALL EXPOSED CORNERS SHALL HAVE A 3/4" CHAMFER OR A 1/2" RADIUS TOOLED CORNER.

#### <u>DEMOLITION</u>

EXISTING REINFORCED CONCRETE WALL OR STRUCTURE TO BE DEMOLISHED





- CONTRACTOR IS ALERTED THAT LIMITS OF DEMOLITION SHOWN IS APPROXIMATE. ACTUAL LIMITS SHALL BETHE MINIMUM REQUIRED FOR NEW STRUCTURE. CONTRACTOR TO CO-ORDINATE AND SUBMIT DEMOLITION PROCEDURE PER SPECIFICATIONS.
- D-2 ALL ITEMS SHOWN ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
- D-3 FOR ADDITIONAL DEMOLITION REQUIREMENTS SEE SPECIFICATIONS (024116).
- ALL EXISTING CONCRETE TO BE DEMOLISHED IS STEEL REINFORCED UNLESS NOTED OTHERWISE. REINFORCING STEEL NOT SHOWN FOR CLARITY.
- D-5 FOR ADDITIONAL DEMOLITION NOT SHOWN, SEE G, A, M, E, H, AND P

#### PILE NOTES

- PILES SHALL BE DESIGNED AND INSTALLED BY A QUALIFIED PILE CONTRACTOR IN ACCORDANCE WITH THE BORED-IN PILE SPECIFICATIONS AND SUBJECT TO THE REQUIREMENTS LISTED HEREIN.
- THE CONTRACTOR SHALL ENGAGE A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK TO DESIGN PILE AND SUBMIT THE DESIGN TO THE ENGINEER FOR APPROVAL.
- P-3 THE BORED-IN PILE SHALL BE MIN. 9 5/8" DIAMETER WITH 0.545" WALL THICKNESS AND DESIGNED AND INSTALLED FOR ULTIMATE LOAD IN COMPRESSION = 60 TONS ALLOWABLE LOAD IN COMPRESSION = 30 TONS.
- P-4 ALL BORED-IN PILES SHALL BE GROUTED WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.
- P-5 ALL BORED-IN PILES SHALL HAVE FULL LENGTH 1-1/4" Ø THREADBARS. THE THREADBARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A722, GRADE 150 AS MANUFACTURED BY DYWIDAG OR APPROVED EQUAL, UNLESS NOTED OTHERWISE. PROVIDE BEARING PLATES AND NUTS IN ACCORDANCE WITH THE THREADBAR MANUFACTURER'S RECOMMENDATIONS.
- P-6 PROVIDE CENTRALIZERS FOR THREADBARS AT 10 FEET MAXIMUM VERTICAL
- P-7 CUT OFF THE ELEVATIONS OF THE BORED-IN PILES AS SHOWN ON
- P-8 ALL BORED-IN PILES SHALL BE INSTALLED WITH A MAXIMUM LATERAL TOLERANCE OF THREE INCHES.
- P-9 DRILLING OPERATION SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER.
- P-10 ONE (1) STATIC AXIAL COMPRESSION LOAD TEST WILL BE REQUIRED.
- P-11 THE INSTALLATION METHOD USED FOR THE SUCCESSFUL COMPLETION OF LOAD TESTING SHALL BE USED FOR ALL THE PRODUCTION PILES.
- P-12 THE CONTRACTOR SHALL SUBMIT A STATIC AXIAL LOAD TESTING PROGRAM CONSISTING OF ONE (1) COMPRESSION TEST AND ONE (1) TENSION TEST SHOWING PROPOSED PILE LOAD TEST LOCATIONS FOR APPROVAL OF THE ENGINEER.
- P-13 COMPRESSION LOAD TESTING SHALL CONFORM TO ASTM D1143 AND THE PROJECT SPECIFICATIONS. UPLIFT LOAD TESTING SHALL CONFORM TO THE PROJECT SPECIFICATIONS AND ASTM D3689.
- P-14 A MINIMUM PERIOD OF TWO (2) WEEKS SHALL ELAPSE FROM THE INSTALLATION OF THE TEST PILE TO THE COMMENCEMENT OF THE LOAD
- P-15 TWO (2) TELLTALE RODS SHALL BE INSTALLED IN THE LOAD TEST PILE. THE BOTTOM END OF ONE TELLTALE ROD SHALL BE AT THE BOTTOM OF THE TEST PILE, AND THE BOTTOM END OF THE OTHER ROD SHALL BE TERMINATED MIDWAY BETWEEN PILE CUT-OFF AND PILE TIP. THE TELLTALE SHALL CONSIST OF A STEEL SOUNDING ROD EXTENDED TO AN ELEVATION DESIGNATED BY THE ENGINEER. THE TELLTALES SHALL BE PROTECTED BY A STEEL TUBE EMBEDDED IN GROUT. THE TELLTALE SHALL BE CENTERED IN THE TUBE IN A MANNER TO AVOID FRICTION BETWEEN THE TELLTALE AND
- P-16 THE LOADING PROCEDURE FOR STATIC AXIAL COMPRESSION TEST SHALL BE IN ACCORDANCE WITH NEW YORK STATE BUILDING CODE.

THE TUBE.

- P-17 MEASUREMENTS OF MOVEMENT OF THE PILE BUTT, TELLTALES, REFERENCE BEAMS, ETC. SHALL BE TAKEN BY LICENSED SURVEYOR (REGISTERED IN THE STATE OF NEW YORK) ENGAGED BY THE OWNER.
- P-18 MONITORING OF LOAD TEST SHALL BE PERFORMED BY A THIRD PARTY PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK AND HIRED BY THE CONTRACTOR.
- P-19 THE DIAL GAUGES FOR MONITORING THE MOVEMENT OF THE PILE SHALL HAVE A MINIMUM TRAVEL OF THREE (3) INCHES AND SHALL BE AT LEAST THREE (3) INCHES IN DIAMETER.



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\_\_\_\_\_ DATE \_\_\_\_

CONTRACTOR

AS BUILT - NO CHANGES PROJECT COORDINATOR

\_\_\_\_\_ DATE \_\_\_\_\_

SIGNATURE

DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK **CROSS AXIS BUILDING F** 

WESTCHESTER COUNTY, NEW YORK

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

STRUCTURAL NOTES

IUMBER NUMBER CXF-S-01 22-523 DWG NO.

SCALE: AS SHOWN of 664 8/23/ 2022 DPW FILE

1-118-S-1099-0

GAUGE

GRADE

HEIGHT HORIZONTAL HIGH POINT

INCH INCLUDE INTERIOR

INVERT

JOIST

JOINT

LONG LIVE LOAD

LOCATION LOW POINT

LOUVER

MASONRY

MATERIAL

MAXIMUM

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OUTSIDE FACE

OUTSIDE DIAMETER

POINT OF CURVE/PIECE

POINT OF INTERSECTION

PLATE/PROPERTY LINE

POINT OF TANGENCY

POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH

ON CENTER

OPENING

OPPOSITE

OPEN TRUSS

OVERHEAD

PARALLEL

PARTITION

PAVEMENT

QUANTITY

PILE CUT OFF

PREFÁBRICATED

MILLION GALLONS

MILLION GALLONS PER DAY

JUNCTION BOX JUNCTION

LENGTH/ANGLE

LONG LEG HORIZONTAL LONG LEG VERTICAL

LOW WATER LEVEL

LINEAR FEET

GRATING

GALVANIZE

GRADE BEAM

INSIDE DIAMETER INSIDE FACE

HOLLOW STRUCTURAL STEEL

		<u> 21KUU1</u>	<u> </u>
AB ADDL ADH ADJ AFF AGG	ANCHOR BOLT ADDITIONAL ADHESIVE ADJUSTABLE/ADJACENT ABOVE FINISHED FLOOR AGGREGATE		GA GALV GB GR GRTG
AL ALT APPROX ARCH AVG	ALUMINUM ALTERNATE APPROXIMATE ARCHITECTURAL AVERAGE		HGT HORZ HP HSS
B BLDG BM BOF BOS BOT	BORING BUILDING BEAM/BENCH MARK BOTTOM OF FOOTING BOTTOM OF STEEL BOTTOM		ID IF IN INCL INT INV
BRG BT	BEARING BOLT		J JB JCT JT
C C TO C CANT CJ CL CLR CMU CO COL CONC CONST CONT CONTR CP	CHANNEL CENTER TO CENTER CANTILEVER CONSTRUCTION JOINT CENTER LINE CLEAR CONCRETE MASONRY UNIT CLEAN OUT COLUMN CONCRETE CONSTRUCTION CONTINUOUS CONTRACTOR CONCRETE PLANK		L LF LG LL LLH LLV LOC LP LVR LWL
CLJ CTR CY	CONTROL JOINT CENTER CUBIC YARD		MATL MAX MECH MET
DET DIA (Ø) DIAG DIM DIST DN DO DP DWG DWI	DETAIL DIAMETER DIAGONAL DIMENSION DISTANCE DOWN DITTO DEEP DRAWING DOWFI		MFR MG MGD MH MIN MISC MO MOD MTD

DWL

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ENGR EMB ENCL

ENT

EQ EQPT EW

**EXIST** 

EXT

FD FDN FFL

FLR

FTG F&C F&G

EXP JT

EXP

DOWEL

EAST

EACH

EACH FACE

ELEVATION

ELEVATOR

ENGINEER

EMBEDMENT

ENCLOSURE

ENTRANCE

EQUIPMENT

EACH WAY

**EXPANSION** 

EXTERIOR

FABRICATE

FLOOR DRAIN

FOUNDATION

FINISH

FLOOR

FEET

**FOOTING** 

FINISH FLOOR

FRAME&COVER FRAME&GRATE

EXPANSION JOINT

**EXISTING** 

EQUAL

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

WWF

YD

WATER SURFACE

YARD

YEAR

WELDED WIRE FABRIC

#### <u>SYMBOLS</u>

UNDISTUI

URBED EARTH

COMPACTED BACKFILL

SELECT GRANULAR FILL MATERIAL

CONCRETE BLOCK







FINISHED WOOD



CONCRETE

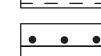




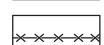
ROUGH WOOD



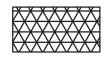
RIGID INSULATION



REINFORCED STEEL IN CONCRETE



WELDED WIRE FABRIC



BLANKET INSULATION





STEEL



DENOTES MOMENT CONNECTION

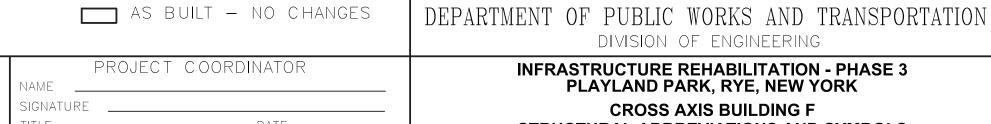


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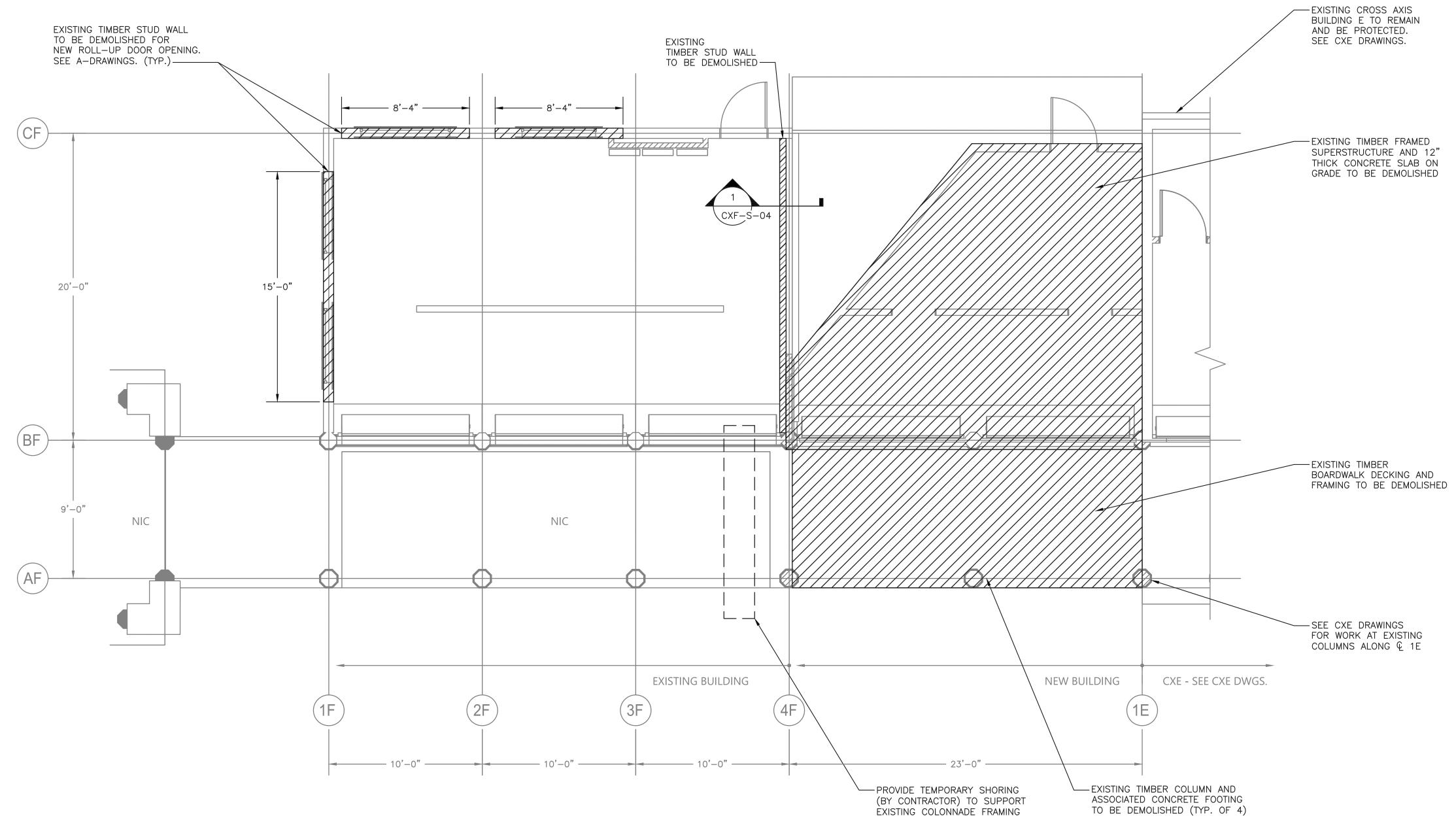


DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING F STRUCTURAL ABBREVIATIONS AND SYMBOLS

WESTCHESTER COUNTY, NEW YORK

NUMBER	NUMBER
22-523	CXF-S-02
DWG NO.:	
SCALE: AS SHOW	664 of 664
DATE: <b>8/23/ 2022</b>	2
DPW FILE NUMBER 1-118-S-	-1100-0 REV. NO. 0

 CONTRACTOR SHALL COORDINATE DEMOLITION WORK WITH NEW CONSTRUCTION. PROVIDE TEMPORARY SHORING AS REQUIRED FOR IMPLEMENTATION OF ROLL—UP DOOR OPENINGS.

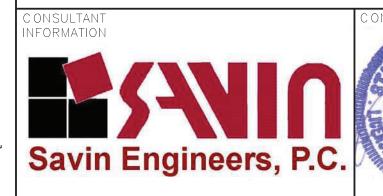


<u>DEMOLITION - GROUND FLOOR PLAN</u>

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

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74X2C_W	CONTRACTOR PROJ	ECT COORDINATOR	INFRASTRUCTURE REHABILITATION - PHASE 3 PLAYLAND PARK, RYE, NEW YORK	DWG NO.: SCALE: 1/4" = 1'-052 of 664
Savin Engineers, P.C.	SIGNATURE SIGNATURE		CROSS AXIS BUILDING F	DATE: <b>8/23/ 2022</b>
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PROJECT COORDINATOR \_\_\_\_\_ DATE \_\_\_\_\_

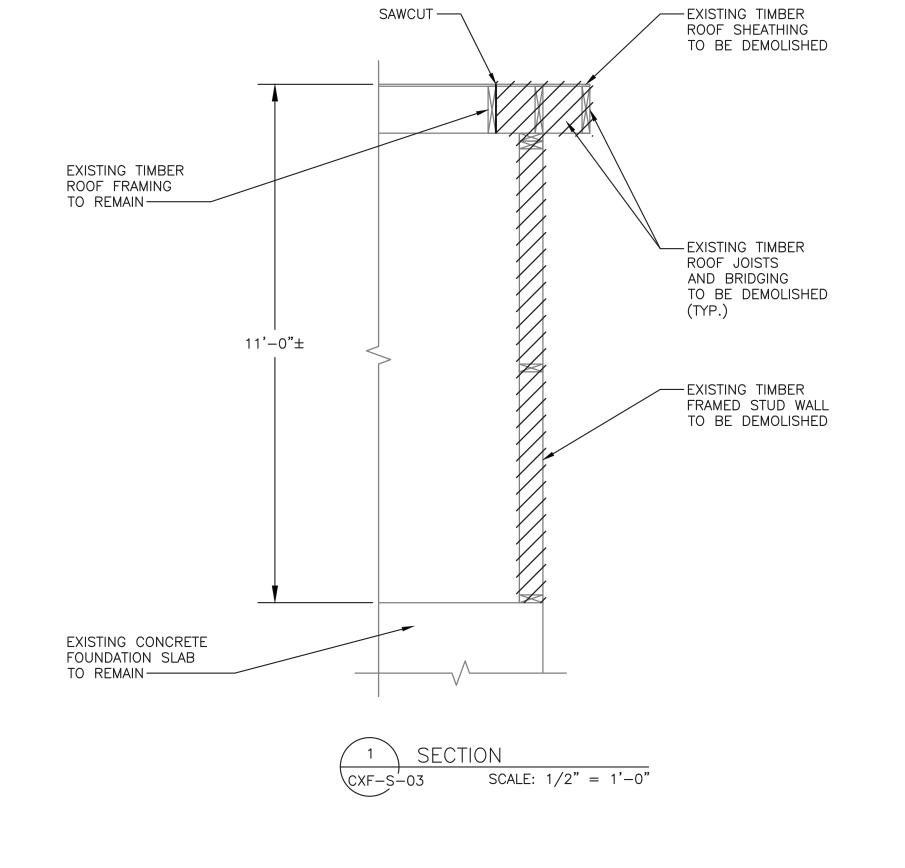
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INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING F
DEMOLITION - SECTIONS & DETAILS

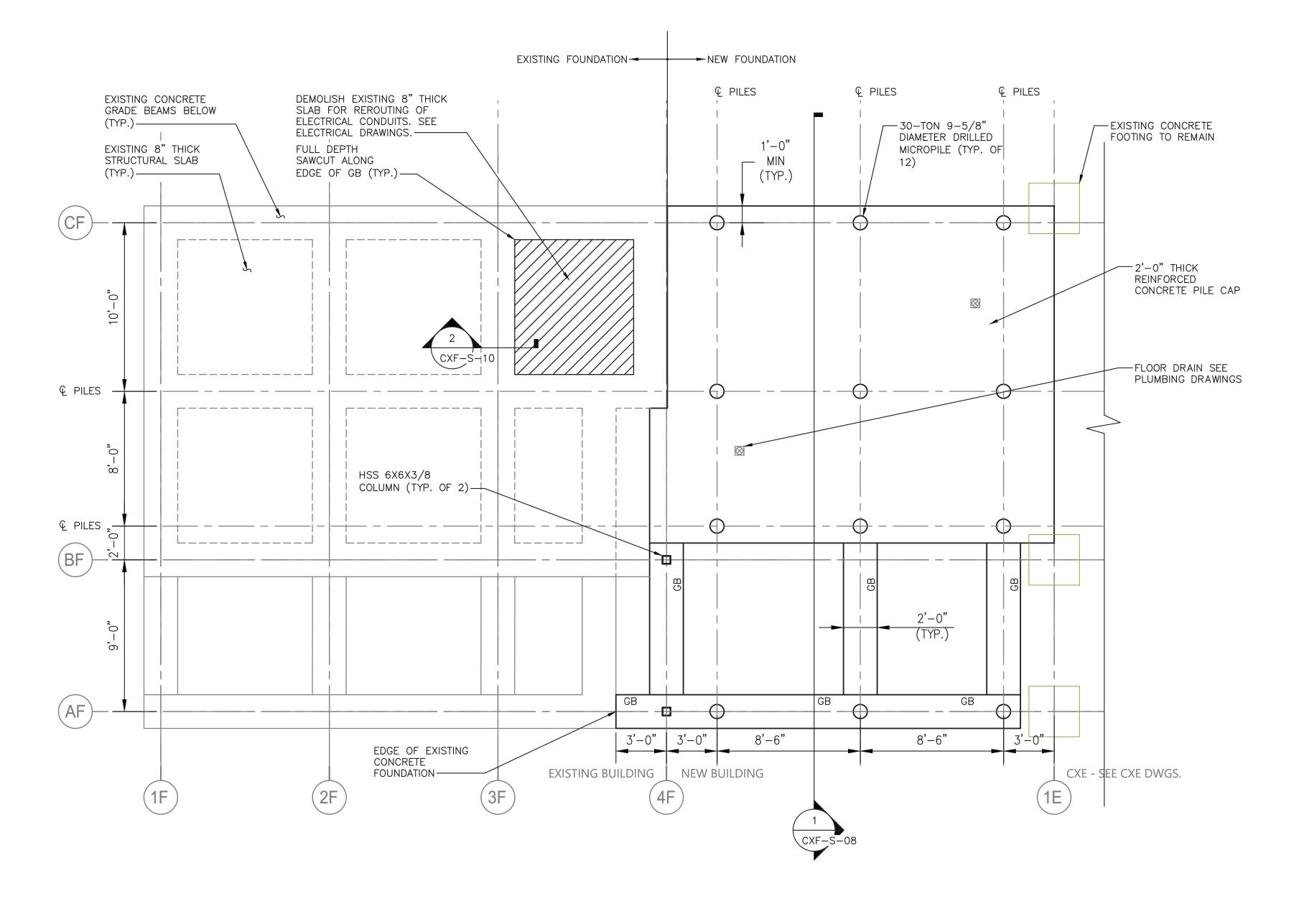
DWG NO.: DATE: **8/23/ 2022** DPW FILE NUMBER 1-118-S-1102-0

CONTRACT NUMBER SHEET NUMBER CXF-S-04 22-523 SCALE: AS SHOWN of 664

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



SAWCUT ---



 $\frac{\text{FOUNDATION PLAN}}{1/4" = 1'-0"}$ 

NOTES:

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

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



CONSULTANT SEAL

CONTRACTOR

NAME

SIGNATURE

REVISION NUMBER DATE BY BY REVISION

RECORD DRAWING CERTIFICATION

AS BUILT — CHANGES AS NOTED

CONTRACTOR

PROJECT

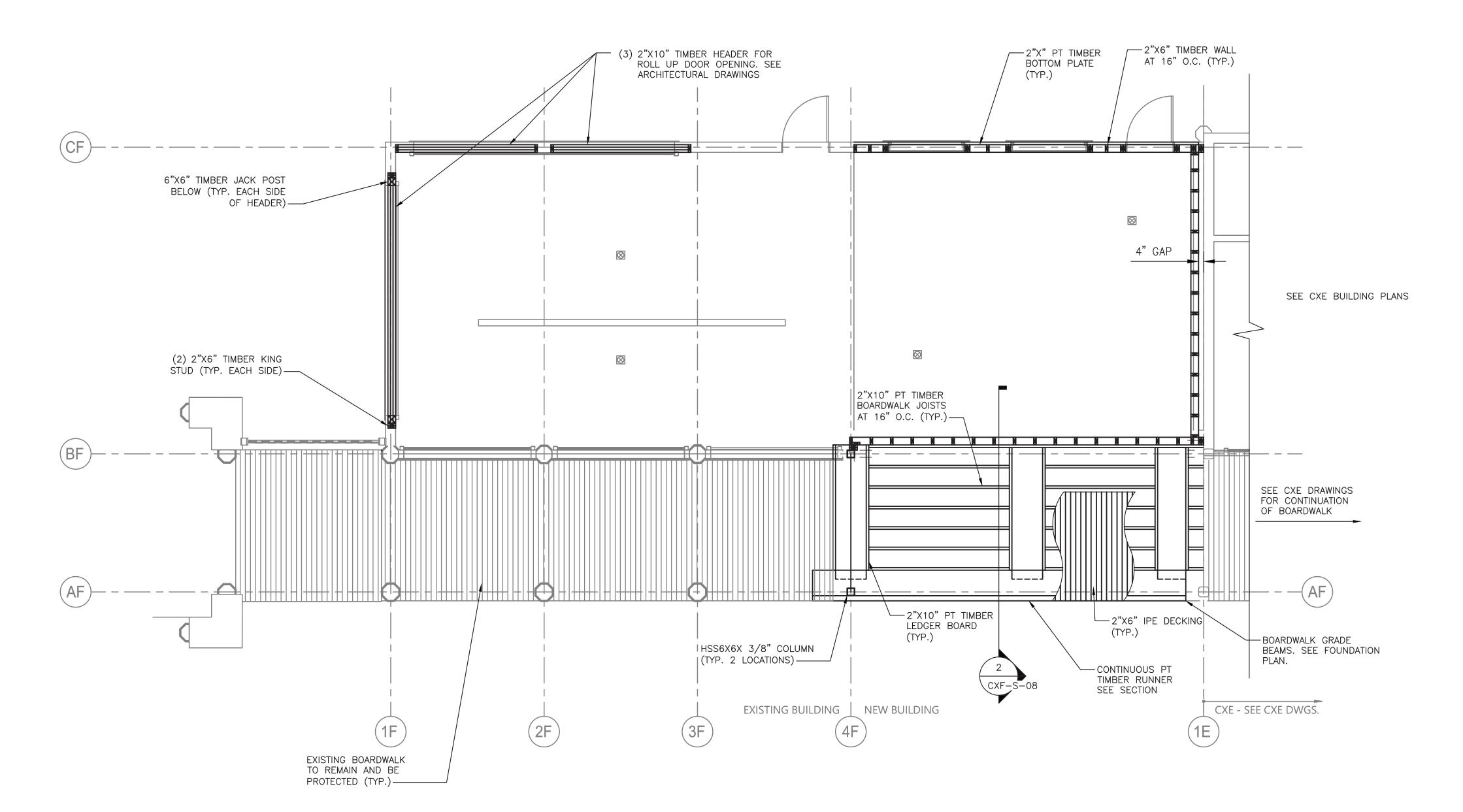
PROJECT COORDINATOR

INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING F
FOUNDATION PLAN

WESTCHESTER COUNTY, NEW YORK

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

CONTRACT NUMBER	SHEET NUMBER
22-523	CXF-S-05
DWG NO.:	
SCALE: AS SHOW	354 of 664
DATE: <b>8/23/2022</b>	2
DPW FILE NUMBER 1-118-S-	-1103-0 REV. NO. 0



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

- 1. FOR STRUCTURAL NOTES, SEE DRAWING CXE-S-01.
- 2. FOR STRUCTURAL ABBREVIATIONS AND SYMBOLS, SEE DRAWING CXE-S-02.
- 3. COORDINATE INTERIOR WALL LAYOUTS AND OPENINGS WITH ARCHITECTURAL DRAWINGS.



REVISION NUMBER REVISION

AS BUILT — CHANGES AS NOTED

CONTRACTOR

TITLE \_\_\_\_\_ DATE \_\_\_\_

AS BUILT — NO CHANGES PROJECT COORDINATOR

RECORD DRAWING CERTIFICATION

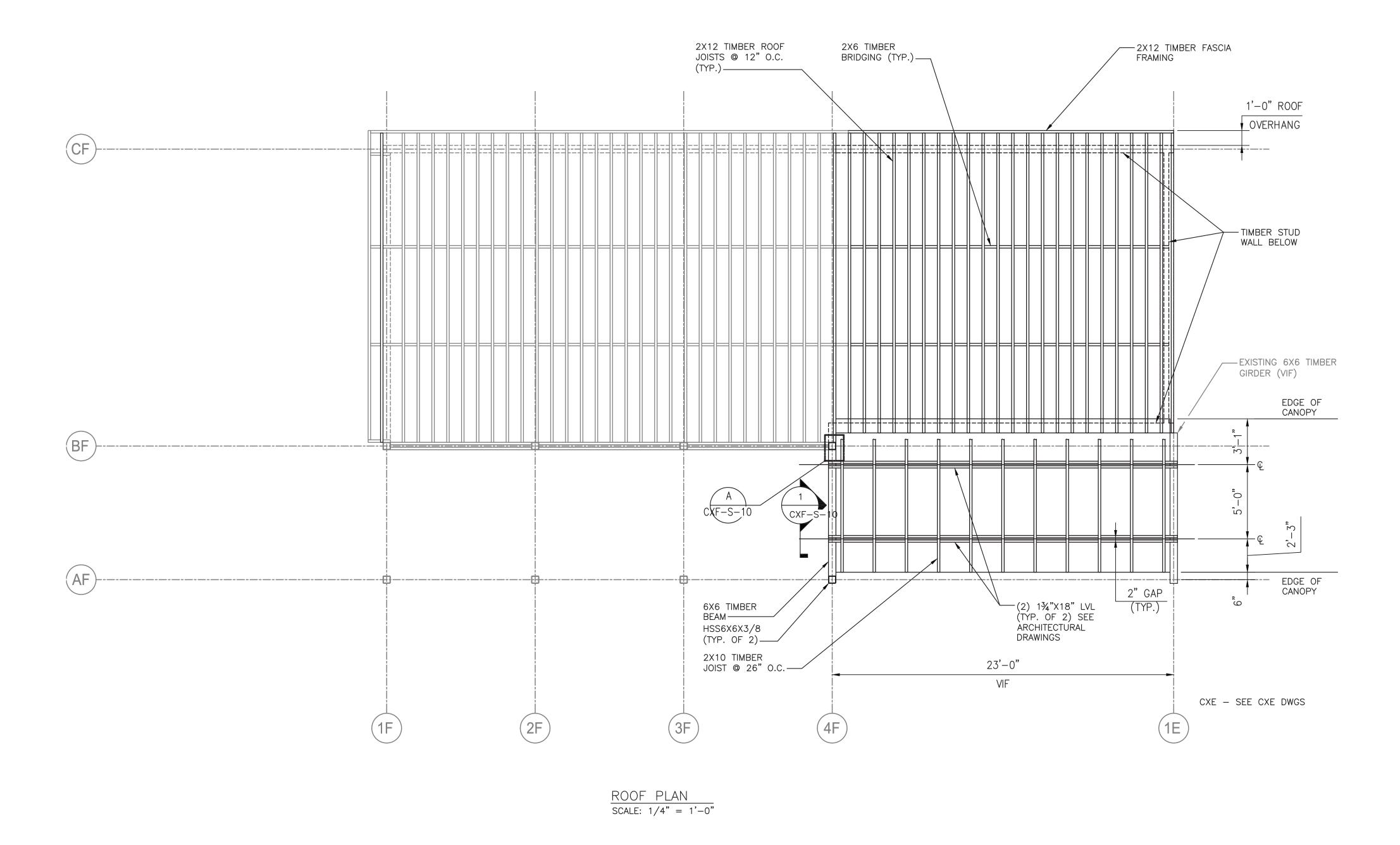
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

DIVISION OF ENGINEERING INFRASTRUCTURE REHABILITATION - PHASE 3 PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING F GROUND FLOOR PLAN

WESTCHESTER COUNTY, NEW YORK

CONTRACT NUMBER	SHEET NUMBER
22-523	CXF-S-06
DWG NO.:	
SCALE: AS SHOW	<b>VN</b> of 664
DATE: <b>8/23/2022</b>	
DPW FILE NUMBER 1-118-S-	.1104-0 REV. NO. 0





NOTES:

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

CONSULTANT	CONSI
INFORMATION	001136
Savin Engineers, P.C.	S. Lies Solling

TITLE \_\_\_\_\_ DATE \_\_\_\_ REVISION NUMBER MADE BY REVISION

AS BUILT — CHANGES AS NOTED

CONTRACTOR

AS BUILT — NO CHANGES

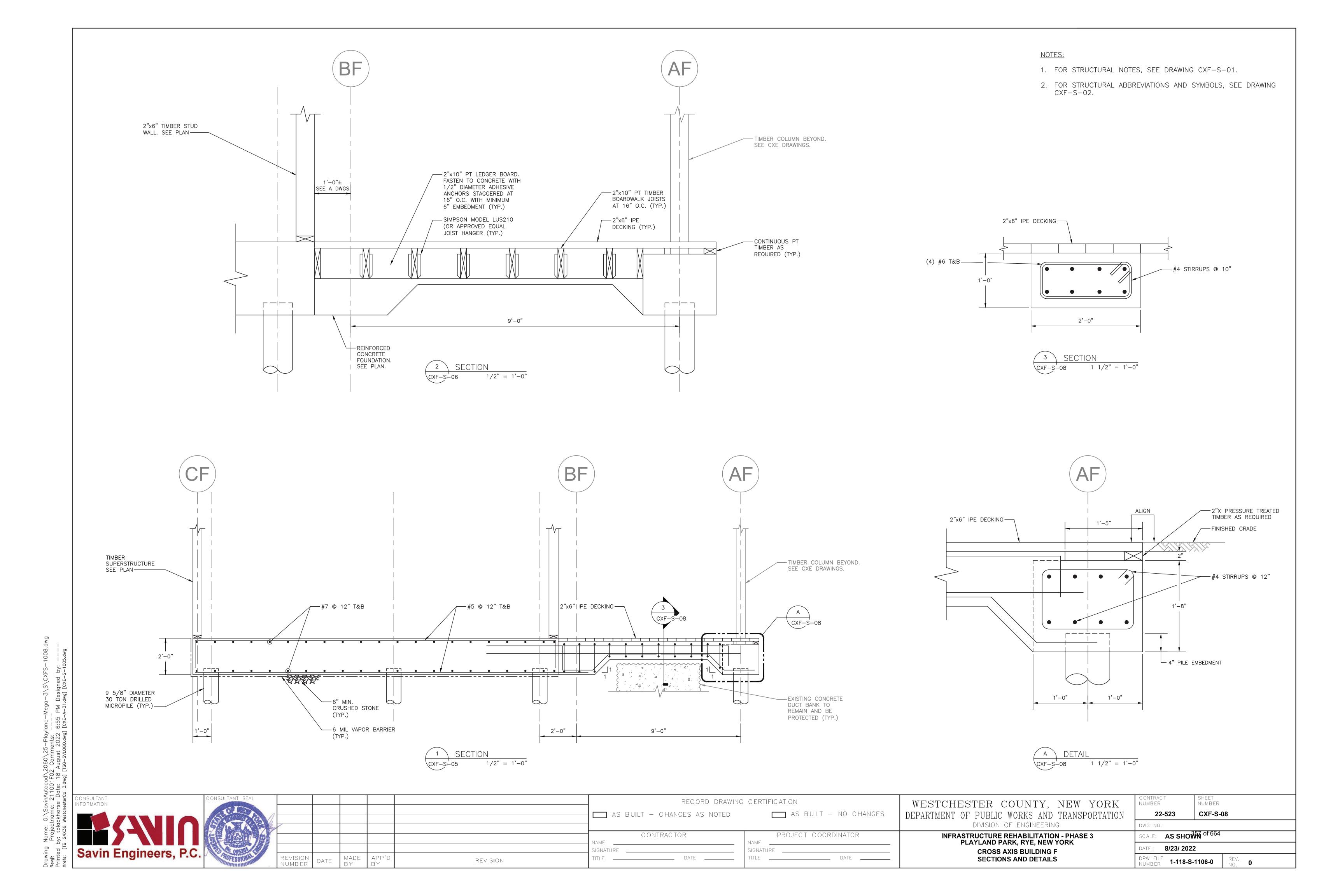
PROJECT COORDINATOR

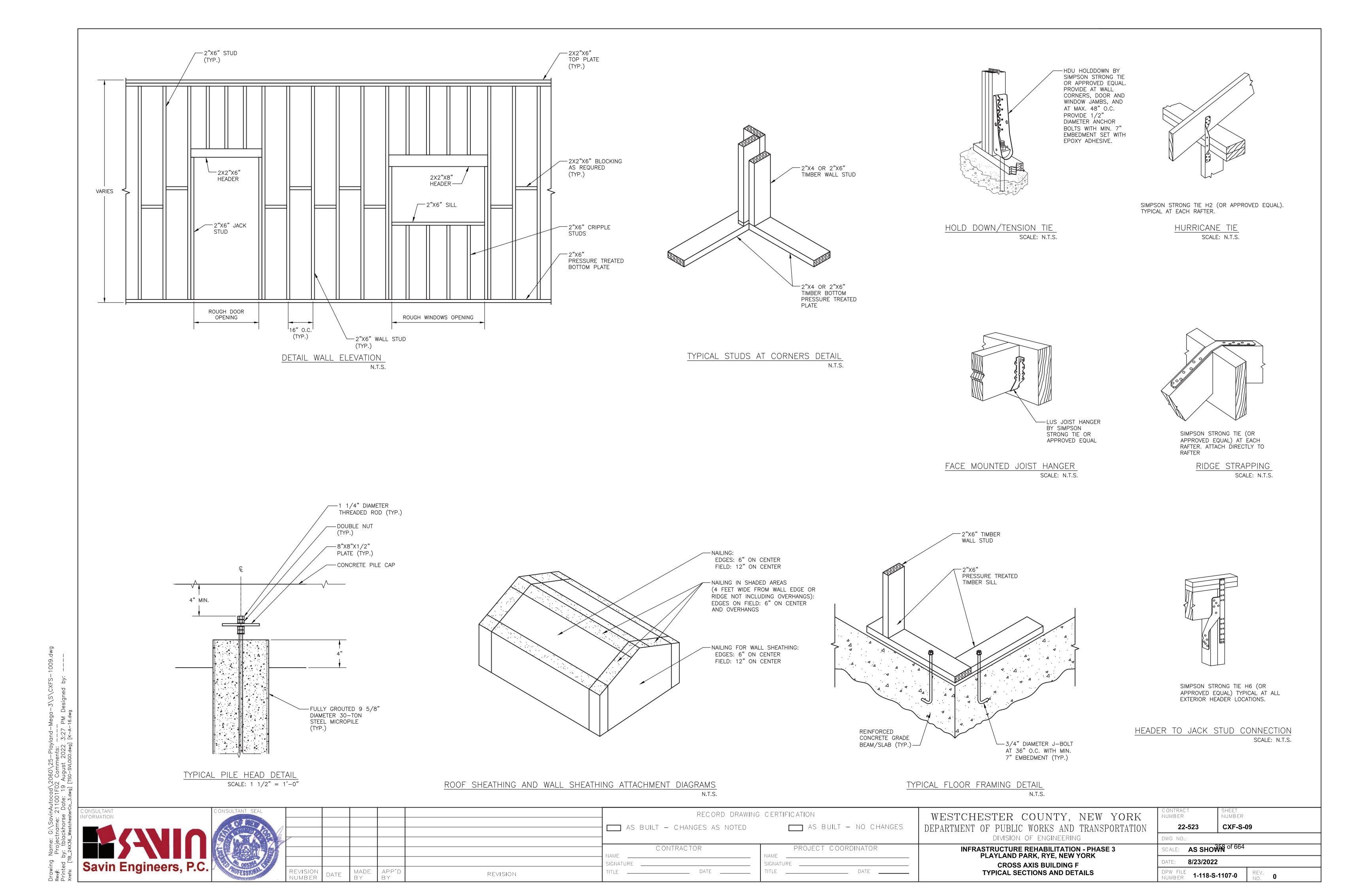
RECORD DRAWING CERTIFICATION

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING INFRASTRUCTURE REHABILITATION - PHASE 3 PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING F ROOF PLAN

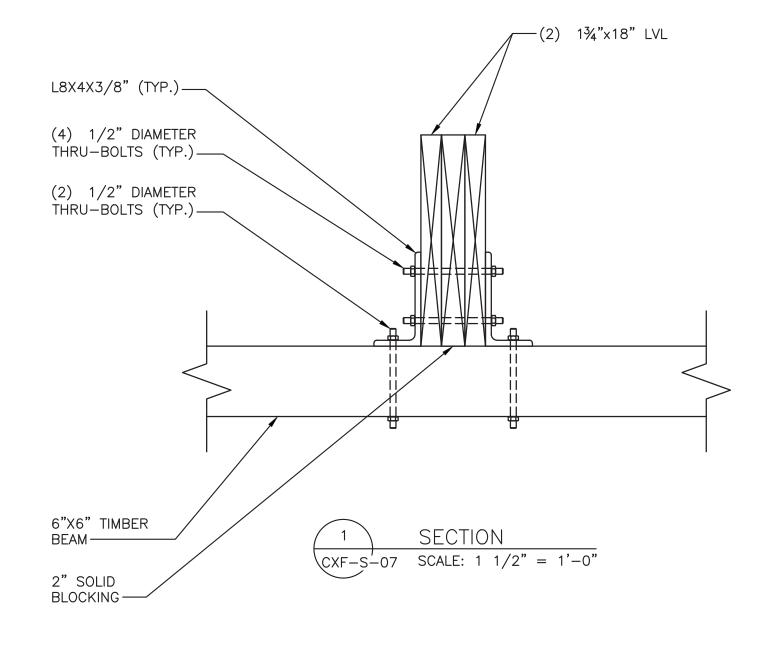
WESTCHESTER COUNTY, NEW YORK

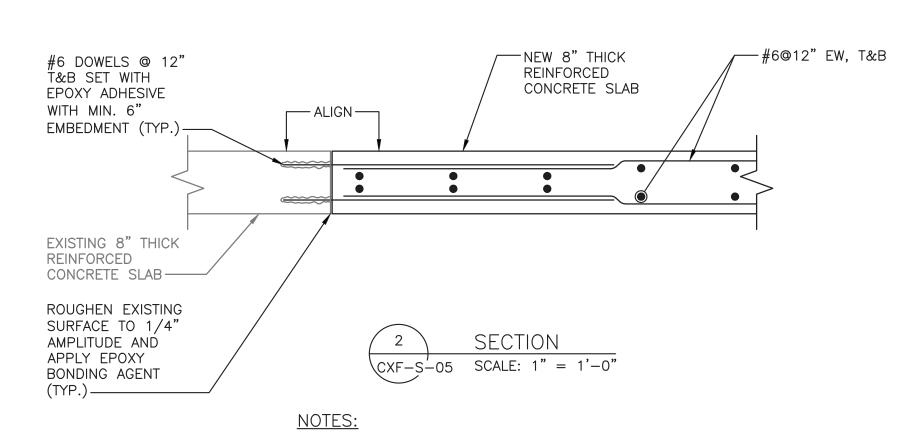
CONTRACT NUMBER	SHEET NUMBER
22-523	CXF-S-07
DWG NO.:	
SCALE: AS SHOW	<b>56</b> of 664
DATE: <b>8/23/2022</b>	
DPW FILE NUMBER 1-118-S-	1105-0 REV. 0





- 1. FOR STRUCTURAL NOTES, SEE DRAWING CXF-S-01.
- 2. FOR STRUCTURAL ABBREVIATIONS AND SYMBOLS, SEE DRAWING CXF-S-02.
- 3. ALL HARDWARE SHALL BE STAINLESS STEEL TYPE 316 U.O.N.





CXF-S-07 SCALE: 1 1/2" = 1'-0"

1. SEE E DRAWINGS FOR ELECTRICAL HANDHOLE QUANTITIES, SIZES & LOCATIONS. PROVIDE ADDITIONAL REINFORCEMENT FOR OPENINGS PER TYPICAL DETAIL ON CXF-S-10.

			BASIC DEVELOP	MENT LENGTH AND	SPLICE LENGTH				
			F	OR BARS IN TENSIO	N				
60,000 psi				fc	= 4000 psi OR GRE	ATER, NORMAL WEIGHT (	CONCRETE		
	BASIC DEVELOPME	NT LENGTH ** I d				CLASS B SPLICE LI	ENGTH ** 1.3 x I d		
CLEAR SP	ACING > 3"	CLEAR SP	CLEAR SPACING < 3"		CLEAR SPA	ACING > 3"	" CLEAR SPACING < 3"		
BASIC	TOP *	BASIC	TOP *		BASIC	TOP *	BASIC	TOP *	
1'-0"	1'-4"	1'-9"	2'-2"	#3	1'-4"	1'-9"	2'-2"	2'-11"	
1'-4"	1'-8"	2'-2"	2'-9"	#4	1'-8"	2'-2"	2'-9"	3'-7"	
1'-8"	2'-2"	2'-10"	3'-7"	#5	2'-2"	2'-10"	3'-7"	4'-8"	
2'-0"	2'-6"	3'-3"	4'-2"	#6	2'-6"	3'-3"	4'-2"	5'-5"	
3'-6"	4'-7"	5'-11"	7'-7"	#7	4'-7"	5'-11"	7'-7"	9'-11"	
4'-0"	5'-2"	6'-9"	8'-8"	#8	5'-2"	6'-9"	8'-8"	11'-4"	
4'-6"	5'-10"	7'-7"	9'-10"	#9	5'-10"	7'-7"	9'-9"	12'-9"	
5'-0"	6'-5"	8'-6"	11'-10"	#10	6'-5"	8'-6"	11'-0"	13'-7"	
5'-7"	7'-4"	9'-5"	12'-6"	#11	7'-4"	9'-5"	12'-6"	14'-9"	

\* 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

DE	EVELOPMENT LENGTH OF STANDARD HOOKS	
	FOR BARS IN TENSION	
60.000 psi	fc = 4000 psi OR GREATER, NORMAL WEIGHT CONCRETE	

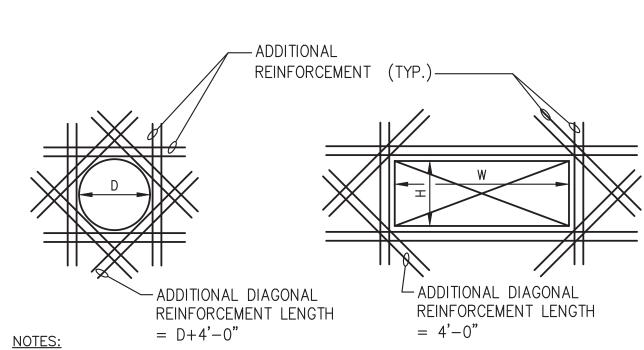
fy = 60,000 psi fc = 4000 psi OR GREATER, NORMAL WEIGHT CONCRETE

	DEVELOPME	NT LENGTH, I dh
BAR SIZE	BASIC	W/CONC. COVER *
#3	8"	6"
#4	10"	7"
#5	1'-0"	9"
#6	1'-3"	11"
<b>#</b> 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"

\* 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

RECORD DRAWING CERTIFICATION



- 1. PROVIDE ADDITIONAL REINFORCEMENT WHEN OPENING SIZE (D, W, OR H) IS EQUAL TO OR GREATER THAN SPECIFIED BAR SPACING
- 2. EXTEND REINFORCEMENT A MINIMUM OF 48 BAR DIAMETERS BEYOND THE FACE OF THE OPENING.
- 3. PROVIDE ONE HALF THE AREA OF CUT BARS, EACH SIDE, MINIMUM 2 #4 @ 6" EF.
- 4. PROVIDE ADDITIONAL DIAGONAL REINFORCEMENT AT ALL OPENINGS. A. OPENINGS (D, H, OR W) UP TO 1'-0": 2 #4 @ 6" EF A. OPENINGS (D, H, OR W) UP TO 2'-0": 2 #5 @ 6" EF A. OPENINGS (D, H, OR W) UP TO 4'-0": 2 #6 @ 6" EF
- 5. WHERE REINFORCING AROUND OPENINGS IS SHOWN ON OTHER DRAWINGS PROVIDE ADDITIONAL REINFORCING AS PER THIS DETAIL.

TYPICAL ADDITIONAL REINFORCEMENT AT OPENING > 12" DIAMETER SCALE: N.T.S.

C ONSULTANT INFORMATION	CON
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<b>-23-11</b>	2
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Savin Engineers, P.C.	J Th

REVISION

AS BUILT - CHANGES AS NOTED

CONTRACTOR

TITLE \_\_\_\_\_ DATE \_\_\_\_

AS BUILT — NO CHANGES

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING F

SHEET NUMBER NUMBER CXF-S-10 22-523 DWG NO.: SCALE: AS SHOWN of 664 DATE: **8/23/2022** 

DPW FILE NUMBER 1-118-S-1108-0

-HSS 6X6X3/8

-6"X4"X3/8" THICK

STEEL PLATE WELDED TO HSS

DIAMETER THROUGH

-2 X 5/8"

BOLTS (TYP.)

-1/2" NOTCH OUT FOR PLATE

TIMBER BEAM

SIGNATURE \_\_\_\_\_

PROJECT COORDINATOR

SIGNATURE \_\_\_\_\_

**SECTIONS AND DETAILS** 

WESTCHESTER COUNTY, NEW YORK

### **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
0	NEW UPRIGHT SPRINKLER HEAD
0	EXISTING UPRIGHT SPRINKLER HEAD
•	NEW CONCEALED PENDENT SPRINKLER HEAD-ORDINARY TEMPERATURE
<b>\$</b>	SPRINKLER DRY PIPE VALVE
Д	FIRE HOSE CABINET
<b>&gt;</b>	SIAMESE CONNECTION
1Z	CHECK VALVE
<u>~</u>	CHECK VALVE W/ ALARM
$\Diamond$	WATER MOTOR ALARM BELL
8	PIPE RISER
<del>c</del> –	PIPE DROP
0-	PIPE UP
lacktriangle	POINT OF CONNECTION
	POINT OF DISCONNECTION
₽	PREACTION 6" BELL
₩	SOLENOID VALVE
፟	OS & Y VALVE
<u>/</u> #\	REVISION SYMBOL
<b>F#</b>	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.

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.

K-FACTOR QUANTITY

POINT OF DISCONNECTION

•	RELIABLE	F1FR	1		Y ORDINARY CONCEALED SPRINKLE HEAD		5.6	12	
ABBREVIATION					DRAWIN	NG NO	TATIONS	<b>;</b>	
ACV	ALARM CHECK	VALVE							
B.O.I	P. BOTTOM OF PIF	Έ			(#)	DRAW	VING NOTE 1	AB	
(E)	EXISTING TO RI	EMAIN			$\bigcirc$	RISEF	R DESIGNAT	ION	
F.S.C	FIRE SPRINKLE	R CONTR	RACTOR		•	POIN	Γ OF CONNE	CTION	
								011011	

DESCRIPTION

**SPRINKLER HEAD SCHEDULE** 

### **DESIGN CRITERIA**

1. AREA OF APPLICATION = 1950 SQ. FT

MANUFACTURER MODEL

P.C | PLUMBING CONTRACTOR

U/P UNDERGROUND PIPING

TYP TYPICAL

W/ WITH

W WATER

NYS NEW YORK STATE

- 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	C	OPPER
1IN. 2 SPRINKLERS 1 1/4 IN. 3 SPRINKLERS 1 1/2IN. 5 SPRINKLERS 2 IN. 10 SPRINKLERS 2 1/2 IN. 20 SPRINKLERS 3 IN. 40 SPRINKLERS 3 1/2 IN. 65 SPRINKLERS 4 IN. 100 SPRINKLERS 5 IN. 160 SPRINKLERS 6 IN. 275 SPRINKLERS 8 IN. SEE SECTION 8.2	1IN. 1 1/4 IN. 1 1/2IN. 2 IN. 2 1/2 IN. 3 IN. 3 1/2 IN. 4 IN. 5 IN. 6 IN.	2 SPRINKLERS 3 SPRINKLERS 5 SPRINKLERS 12 SPRINKLERS 25 SPRINKLERS 45 SPRINKLERS 75 SPRINKLERS 115 SPRINKLERS 180 SPRINKLERS 300 SPRINKLERS 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 TRADESI. 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

4. CONTRACTOR IS TO REPORT ANY CONDITION REQUIRING CHANGES FROM PLANS TO ENGINEER PRIOR TO STARTING WORK.

5. BRANCH LINES AND MAINS (1 1/2" OR LESS) - SCHEDULE 40 FM APPROVED

6. BRANCH LINES AND MAINS (2" OR LARGER) - THINWALL (THICKNESS LESS THEN SCHEDULE 40 MORE THEN SCHEDULE 10 & FM APPROVED)

7. CONTRACTOR IS TO PERFORM A HYDROSTATIC TEST FOR 2 HRS. @ 200 PSI WITH NO LEAKAGE AND PROVIDE A TEST CERTIFICATE TO ENGINEER

8. CONTRACTOR IS TO EMPLOY EXPERIENCED WORKMEN WHO ARE TO FAMILIARIZE THEMSELVES WITH THE BUILDING AND OBSERVE SAFETY REQUIREMENTS.

9. CONTRACTOR TO ADJUST HEAD LOCATION TO COORDINATE WITH LIGHTS, DUCTS, ETC.

10. PERMIT FROM LOCAL AUTHORITY, TO BE OBTAINED BY CONTRACTOR.

11. ALL WORK TO BE APPROVED BY OWNERS ENGINEER, STATE AUTHORITIES HAVING JURISDICTION AND MUNICIPAL FIRE. PLUMBING. BUILDING AND WATER DEPARTMENTS.

12. U.L. AND/OR FM APPROVED EQUIPMENT TO BE USED.

13. WORK TO BE IN ACCORDANCE WITH MUNICIPAL WATER DEPT. RULES

14. SYSTEM IS TO BE MAINTAINED AND TESTED BY THE OWNER OR HIS AGENT IN ACCORDANCE WITH APPLICABLE LOCAL AND STATE CODES AND IN CONFORMANCE WITH NFPA 13A, LATEST EDITION.

15. IF BUILDING OCCUPANCY OR CONSTRUCTION CHANGES, THE SPRINKLER SYSTEM IS TO BE UPDATED

ACCORDINGLY BY THE OWNER OR HIS AGENT.

16. CONTRACTOR IS TO NEATLY CUT AND PATCH IN A FIRST CLASS WORKMANLIKE MANNER, ALL HOLES AND PENETRATIONS IN WALLS, CEILINGS, FLOORS, PARTITIONS, ETC.

17. THE ENGINEER IS NOT RETAINED FOR SUPERVISION.

18. THE INSTALLATION OF THIS SYSTEM WILL REQUIRE THE CLOSING OF ONE OR MORE FIRE PROTECTION CONTROL VALVES. THESE VALVE CLOSURES SHOULD BE CLOSELY COORDINATED WITH THE OWNERS WHO SHOULD CONTACT THE LOCAL FIRE DEPARTMENT, INSURANCE INTERESTS, ETC. PRIOR TO VALVE CLOSURES.

19. ACTUAL DESIGN DENSITY MAY EXCEED STANDARDS, HOWEVER, IT IS A MINIMUM TO BE USED BY THE CONTRACTOR.

20. ALL ALARMS RELATING TO THE SPRINKLER SYSTEM SHOULD BE ACTIVATED UPON PLACING THE SPRINKLER SYSTEM IN SERVICE.

21. THE INSTALLATION COMPONENTS, SIZING, SPACING, MATERIALS LOCATION CLEARANCES, POSITION AND TYPE OF SYSTEM SHALL CONFORM TO NFPA 13 AND NYS UNIFORM FIRE PREVENTION BUILDING CODE LATEST EDITION.

22. SPRINKLERS SHALL BE PROTECTED AGAINST FREEZING AND INJURY AS PER NFPA CODE.

23. INSPECTION AND TESTS OF SPRINKLER SYSTEM SHALL BE CONDUCTED AS SPECIFIED IN NFPA CODE.

24. WATER SUPPLY TEST PIPES AND GAUGES SHALL BE PROVIDED AS SPECIFIED IN CHAPTER 2-9 OF NPPA 13. 25. PIPING SPECIFICATIONS, PIPE SCHEDULES, SYSTEM TEST PIPES, PROTECTION AGAINST CORROSION, DAMAGE

FITTINGS, VALVES, HANGERS, SPRINKLERS, GUARDS AND SHIELDS SHALL BE IN ACCORDANCE WITH CHAPTER 3 AND CHAPTER 8 OF NFPA 13, LATEST EDITION. PIPING SHALL BE PAINTED TO PREVENT CORROSION.

26. STOCK OF EXTRA SPRINKLERS WILL BE FURNISHED AS PER CHAPTER 3 OF NFPA 13 (REQUIRED FOR EACH TEMPERATURE RATING).

27. SPRINKLER ALARMS WILL BE IN ACCORDANCE WITH NFPA 13.

28. SPACING, LOCATION AND POSITION OF SPRINKLERS SHALL BE IN ACCORDANCE WITH CHAPTER 4 OF NFPA 13.

29. ALL PIPING PASSING THROUGH WALLS SHALL COMPLY WITH NFPA FOR FIRE PROOFING.

30. DISTANCE OF SPRINKLERS FROM HEAT SOURCES SHALL BE IN ACCORDANCE WITH TABLE 3-16.6.3 OF NFPA 13.

31. PROVIDE WATER SUPPLY LETTER WITH FLOW TEST DATA.

32. ALL PIPES PASSING THROUGH FOUNDATION WALLS TO BE PROTECTED.

33. ALL VALVES SHALL BE IDENTIFIED AS REQUIRED BY NFPA 13.

34. DRAINAGE TO CONFORM TO CHAPTER 3-11 OF NFPA 13.

35. A ONE PIECE REDUCING FITTING OF GOOD DESIGN SHOULD BE USED WHEREVER A CHANGE IS MADE IN THE SIZE OF PIPE AS PER SECTION 3-12.2.7 OF NFPA 13.

36. ALL VALVES ON CONNECTIONS TO WATER SUPPLIES AND IN SUPPLY TO SPRINKLERS SHALL BE APPROVED O.S. &Y. OR APPROVED INDICATOR TYPE WITH TAMPER SWITCHES.

37. DRAIN VALVES AND TEST VALVES SHALL BE APPROVED TYPE AS PER SECTION 3-14.1.2 OF NFPA 13.

38. HANGERS SHALL BE OF A TYPE APPROVED FOR USE WITH THE PIPE OR TUBE INVOLVED, SPRINKLER PIPING SHOULD BE SUPPORTED BY ADJUSTABLE HANGERS PER NFPA 13, SECTION 3-15.

39. PROVISIONS SHOULD BE MADE TO FACILITATE FLUSHING SYSTEM PIPING BY PROVIDING FLUSHING CONNECTIONS CONSISTING OF A CAPPED NIPPLE 4" LONG ON THE END OF THE CROSS MAIN, AS PER SECTION 3- 8.2

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.

CONTRACTOR

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



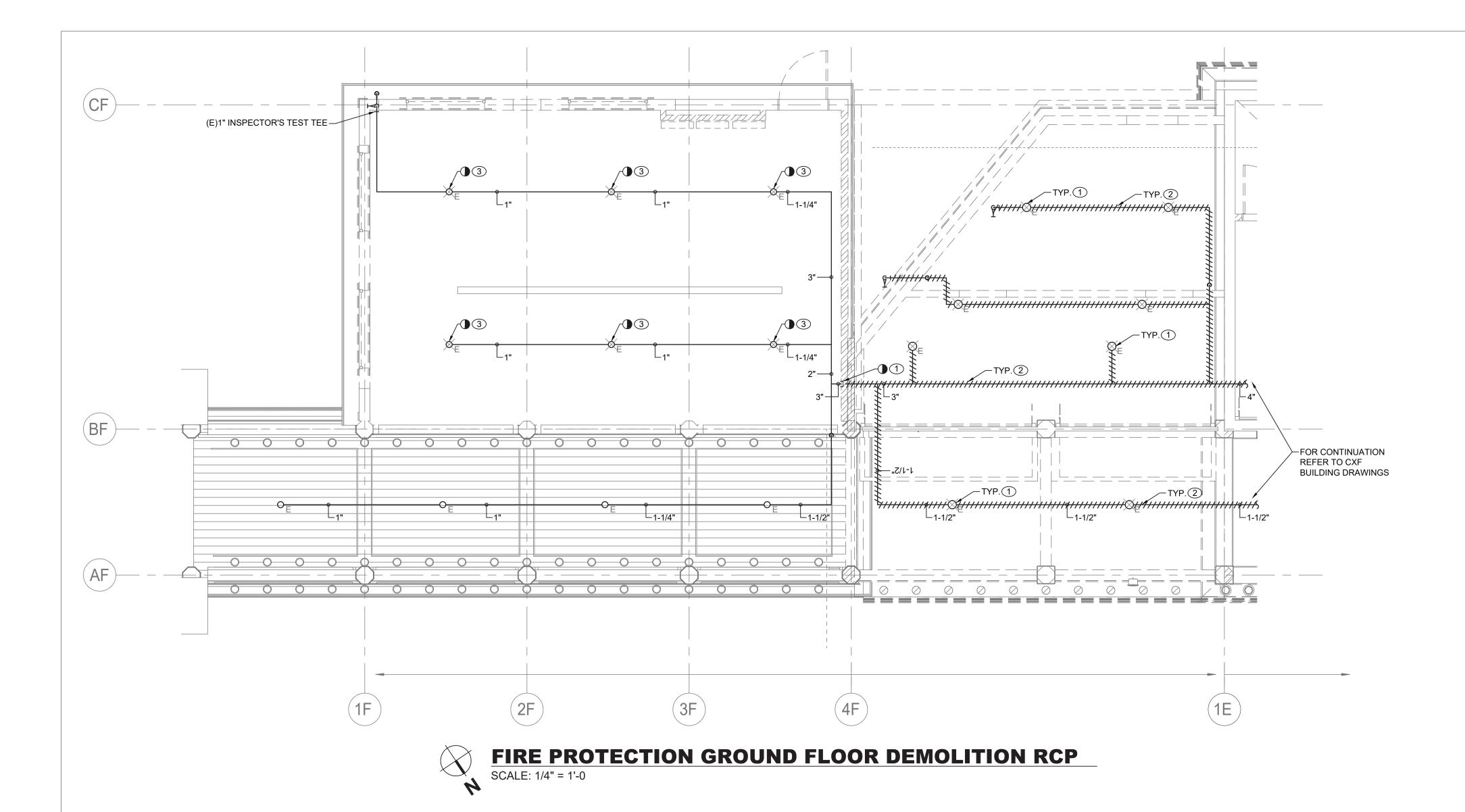
MADE APP'E REVISION

RECORD DRAWING CERTIFICATION AS BUILT - CHANGES AS NOTED

AS BUILT - NO CHANGES PROJECT COORDINATOR

DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING F

WESTCHESTER COUNTY, NEW YORK NUMBER 22-523 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION CXF-FP-01 360 of 664 **AS INDICATED** 08/23/2022 FIRE PROTECTION NOTES, SYMBOLS, ABBREVIATIONS & DWG LIST 1-118-FP-1109-0



RECORD DRAWING CERTIFICATION

\_\_\_\_ AS BUILT — CHANGES AS NOTED

CONTRACTOR

\_\_\_\_ AS BUILT — NO CHANGES

PROJECT COORDINATOR

CONSULTANT INFORMATION

LiRo Engineers, Inc.

A LiRo Group Company

Syosset, N.Y. 516-214-8157[T]

CONSULTANT SEAL

REVISION DATE MADE APP'D BY

REVISION

### **SPRINKLER DEMOLITION NOTES:**

- 1 DEMOLISH ALL EXISTING SPRINKLER HEADS WITHIN THE CXF BUILDING AS INDICATED ON PLANS.
- ② DEMOLISH ALL EXISTING DRY SPRINKLER PIPING WITHIN THE CXF BUILDING INCLUDING ATTIC SPACE AS INDICATED ON PLANS.
- 3 REMOVE EXISTING UPRIGHT SPRINKLER HEAD AND TEMPORARILY CAP PIPING FOR FUTURE CONCEALED SPRINKLER.

### **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.

SHEET NUMBER

361 of 664

**AS INDICATED** 

08/23/2022

DPW FILE **1-118-FP-1110-0** 

CXF-FP-11

22-523

DWG NO.:

WESTCHESTER COUNTY, NEW YORK

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

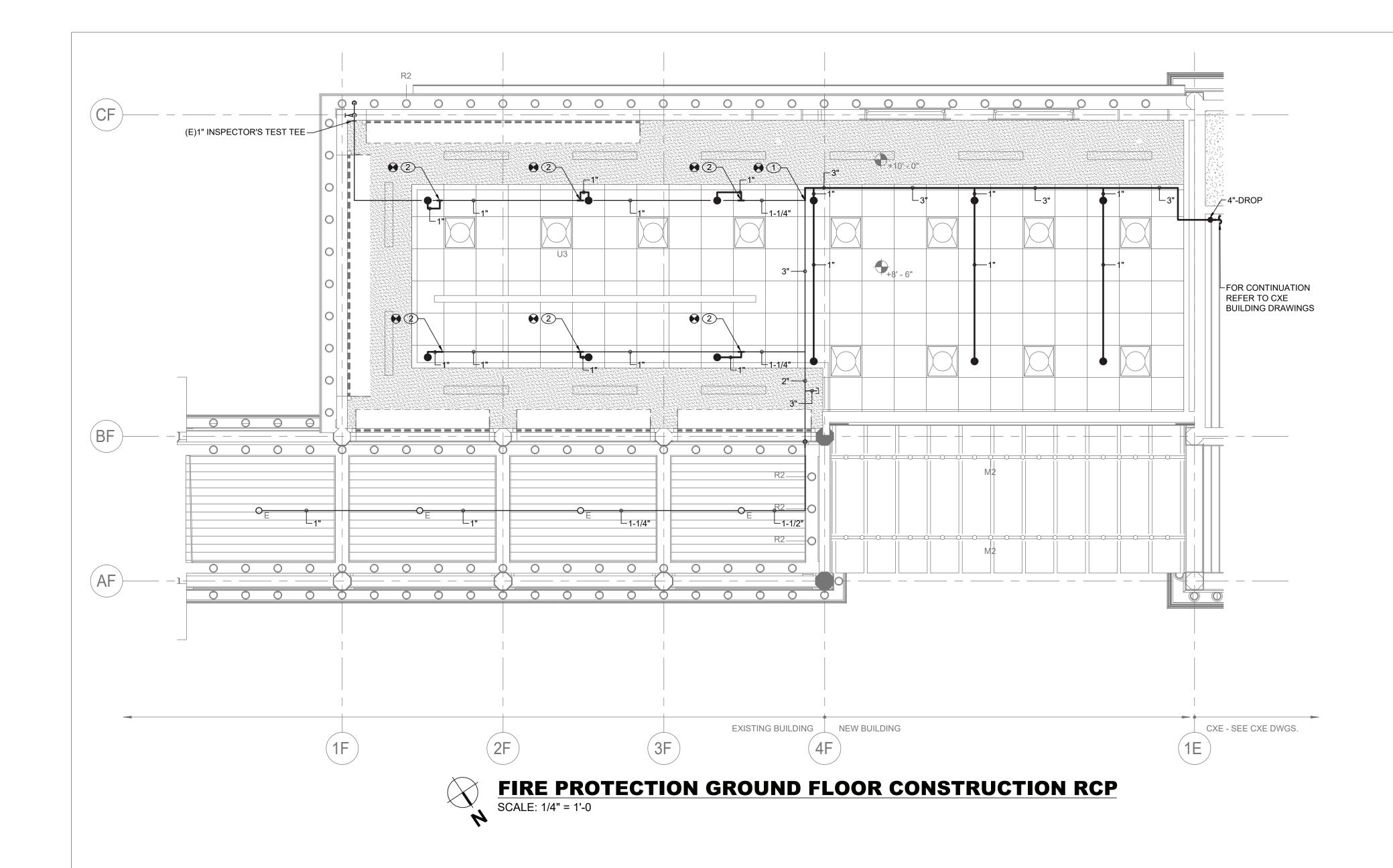
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION - PHASE 3** 

PLAYLAND PARK, RYE, NEW YORK

CROSS AXIS BUILDING F

FIRE PROTECTION GROUND FLOOR DEMOLITION RCP



RECORD DRAWING CERTIFICATION

AS BUILT — CHANGES AS NOTED

CONTRACTOR

\_\_\_\_ AS BUILT — NO CHANGES

PROJECT COORDINATOR

CONSULTANT INFORMATION

LiRo Engineers, Inc.

A LiRo Group Company

Syosset, N.Y. 516-214-8157[T]

CONSULTANT SEAL

REVISION DATE MADE APP'D BY

REVISION

### SPRINKLER CONSTRUCTION NOTES:

- 1 CONNECT NEW 3" SPRINKLER PIPE TO EXISTING.
- 2 CONNECT AND EXTEND NEW SPRINKLER PIPING TO NEW CONCEALED SPRINKLERS FROM EXISTING PIPING.

### **GENERAL NOTES:**

- ALL DISTRIBUTION PIPING, SHALL BE PAINTED. REFER TO SPECIFICATION FOR PAINT TYPE AND APPLICATION PROCEDURE.
- 2. COORDINATE WITH FACILITY PRIOR TO SHUTDOWN OF FIRE PROTECTION SYSTEM FOR ANY DEMOLITION AND CONSTRUCTION WORK.
- 3. CONTRACTOR SHALL PROVIDE FIRE WATCH AS NEEDED FOR ALL AFFECTED BUILDINGS WHILE SPRINKLER COVERAGE IS IMPACTED.
- 4. CONTRACTOR TO COORDINATE WITH FACILITY WHEN WORKING AROUND OR ABOVE THE RIDE COMPONENTS, AND PROVIDE ALL NECESSARY MEASURES TO PROTECT THESE COMPONENTS PER THE REQUIREMENTS OF THE FACILITY.
- 5. UPON COMPLETION, SYSTEM SHALL BE TESTED FOR PROPER OPERATION.
- 6. PROVIDE REQUIRED PITCH AND DRAINS FOR DRY SPRINKLER PIPING FOR FULL WATER REMOVAL FROM THE SYSTEM.
- 7. ADJUST HEIGHT OF THE EXISTING SPRINKLER PIPING AS NECESSARY TO ACCOMMODATE NEW DROPPED CEILING.

SHEET NUMBER

362 of 664

AS INDICATED

08/23/2022

DPW FILE **1-118-FP-1111-0** 

CXF-FP-21

22-523

DWG NO.:

WESTCHESTER COUNTY, NEW YORK

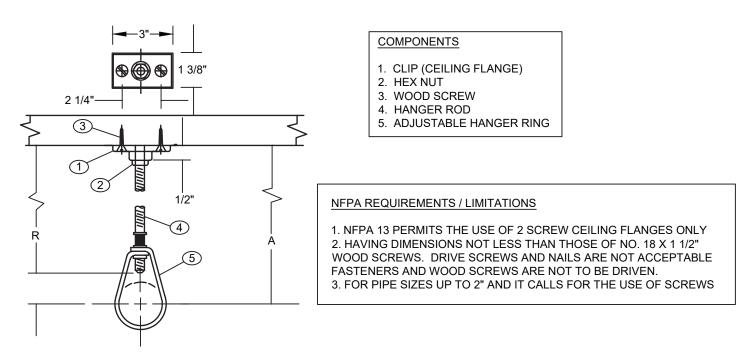
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION - PHASE 3** 

PLAYLAND PARK, RYE, NEW YORK

CROSS AXIS BUILDING F

FIRE PROTECTION GROUND FLOOR CONSTRUCTION RCP



## DESIGN DATA FOR CLIP HANGERS

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

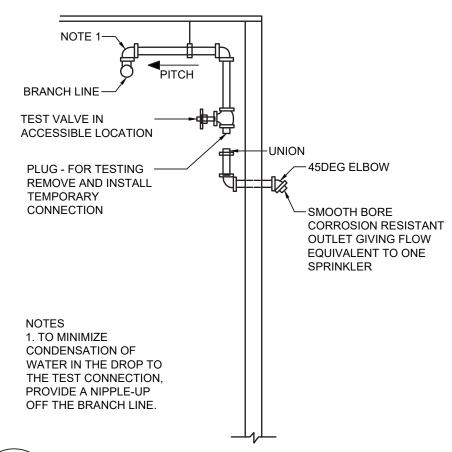


---UPRIGHT SPRINKLER. 🔫

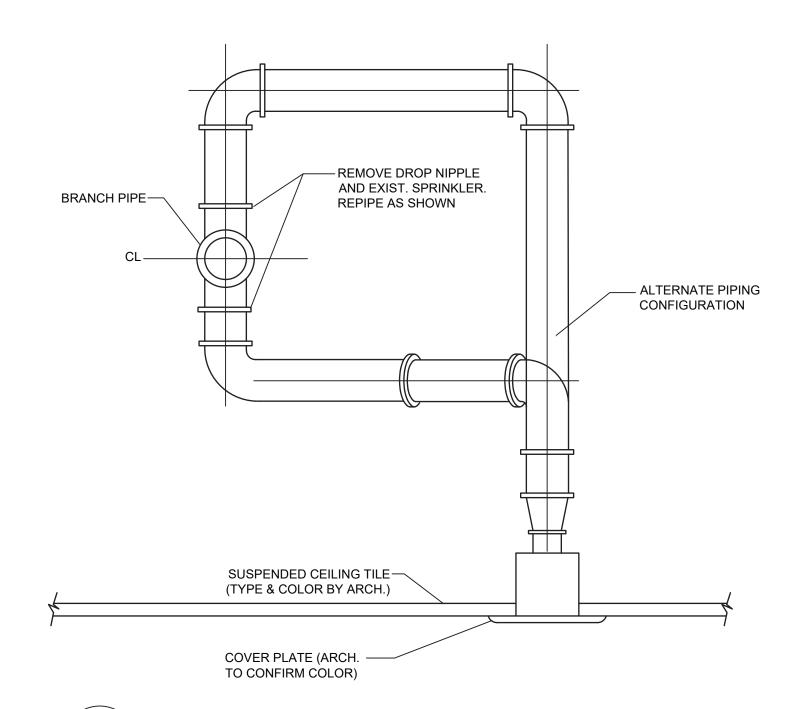
HEAD

BRANCH LINE-

SPRINKLER— MAIN -NCREASER

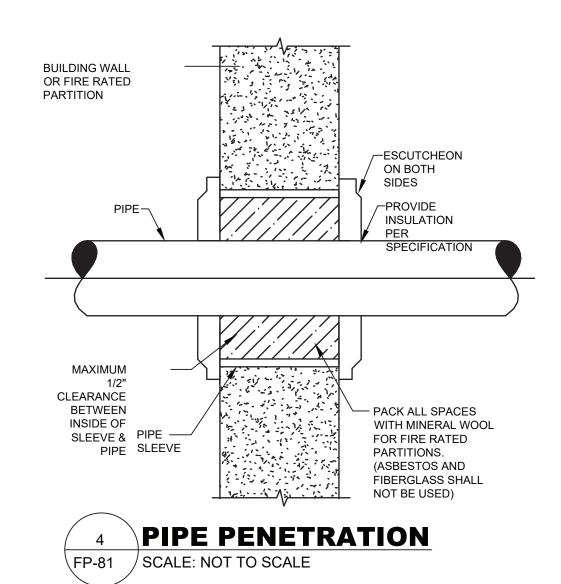


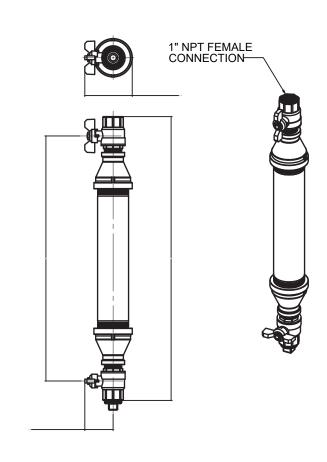






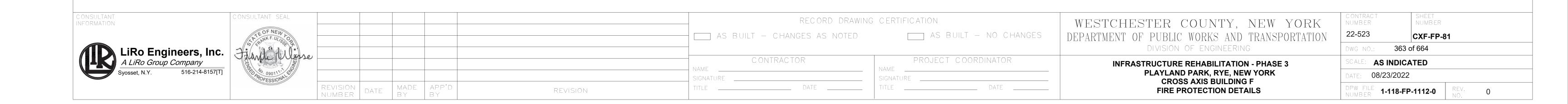






5 DRY SYSTEM AUXILIARY DRAIN

FP-81 SCALE: NOT TO SCALE



### PLUMBING SYMBOL LIST

<u>IDENTIFIER</u>	DESCRIPTION
CW	DOMESTIC COLD WATER
W	WASTE PIPING (ABOVE SLAB)
	WASTE PIPING (UNDER SLAB)
s	SANITARY PIPING (ABOVE SLAB)
S	SANITARY PIPING (UNDER SLAB)
V	SANITARY VENT PIPING
•	FIELD CONNECT
•	FIELD DISCONNECT
F#)	REFER TO SUPPLEMENTAL FIGURE INDICATED BY NUMBER (I.E. F2 REFERS TO FIGURE 2)
XXX	— EQUIPMENT TAG — EQUIPMENT NUMBER
XXX X-XXX	— DETAIL TAG/CALL OUT TAG — PLUMBING SHEET NUMBER

### PIPING ELEMENTS/VALVING

**SCOPE OF WORK** 

2. THE INSTALLATION OF NEW PLUMBING FIXTURES AND ALL ASSOCIATED PIPING AND

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** 

**SECTION 704** 

**DRAINAGE PIPING INSTALLATION** 

HORIZONTAL DRAINAGE PIPING SHALL BE INSTALLED IN UNIFORM ALIGNMENT AT UNIFORM SLOPES. THE MINIMUM

SLOPE OF HORIZONTAL DRAINAGE PIPE SHALL BE IN

**TABLE 704.1** SLOPE OF HORIZONTAL DRAINAGE PIPE

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,

MINIMUM SLOPE

(INCH PER FOOT)

1/4

1/8

1/16

704.1 SLOPE OF HORIZONTAL DRAINAGE PIPING.

ACCORDANCE WITH TABLE 704.1.

(INCHES)

2 1/2 OR LESS

3 TO 6

8 OR LARGER

**LEED NOTES** 

3. THE INSTALLATION OF NEW SANITARY AND DOMESTIC WATER SERVICES.

BACKFLOW PREVENTER (DOUBLE CHECK VALVE ASSEMBLY)

CAP ON END OF PIPE

———O PIPE RISING UP

- CO⊢ CLEANOUT FD⊠—— FLOOR DRAIN ——⋈— GATE VALVE

—⊸ō—— BALL VALVE

HB Ş+--- HOSE BIBB

ACCESSORIES.

1. REMOVAL OF EXISTING WATER SERVICE.

2020 NEW YORK STATE BUILDING CODE

PAINTS AND COATINGS TO BE APPLIED.

2020 NEW YORK STATE MECHANICAL CODE 2020 NEW YORK STATE PLUMBING CODE

2020 NEW YORK STATE ENERGY CONSERVATION CODE

PLUMBING SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO:

IN BOX W/VACUUM BREAKER

— 

☐ TEE OUTLET DOWN ——O— TEE OUTLET UP ── VALVE IN RISE OR DROP

NFHB >+-- NON FREEZE HOSE BIBB

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.

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.

CHROME PLATED AND SHALL HAVE CHROME PLATED ESCUTCHEONS RIGIDLY ATTACHED TO THE PIPING AT THE POINT OF WALL OR FLOOR PENETRATIONS.

FIXTURES AND EQUIPMENT TO BE SUPPLIED AND INSTALLED UNDER THIS CONTRACT FOR APPROVAL BEFORE INSTALLATION OF SAME.

THROUGH INTERIOR WALLS AND FLOORS.

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

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

19. ALL REMOVALS PERFORMED UNDER THIS CONTRACT SHALL INCLUDE REMOVAL OF

21. REFER TO THE ARCHITECTURAL PLANS FOR ALL STRUCTURAL DIMENSIONS.

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

27. PLUMBING FIXTURES SHALL COMPLY WITH "WATER CONSERVATION" REQUIREMENT

28. GC IS RESPONSIBLE TO SUBMIT APPLICATION AND TAP FEES TO LOCAL WATER AUTHORITY AND HAVE OWNER FILL OUT APPLICATION UPON COMPLETION OF

SHALL BE INSULATED.

30. FLOOR DRAINS AND FLOOR CLEAN-OUTS SHALL BE SET LEVEL WITH FINISHED

31. ALL PIPE DIMENSIONS ARE INSIDE CLEAR.

32. ALL PLUMBING FIXTURES TO HAVE ISOLATION VALVES.

35. BUILDING SANITARY DEMAND & SIZING IS CALCULATED FROM NYS-PC SECTIONS 709

36. ALL DFU CALCULATIONS ARE BASED OFF OF TABLE 709.1 OF THE NYS-PC.

37. ALL SANITARY WATER PIPING SHALL BE PITCHED IN ACCORDANCE WITH NYS-PC

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.

### **PLUMBING GENERAL NOTES:**

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.

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.

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.

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.

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.

PLUMBING CONTRACTOR SHALL PERFORM ALL CUTTING, EXCAVATION, BACKFILLING, ROUGH & FINISH PATCHING AS PER THE SPECIFICATIONS AS REQUIRED FOR THE

11. IT IS THE INTENT OF THIS CONTRACT THAT THE COMPLETED WORK BE FULLY

14. ALL NEW EXPOSED WATER AND WASTE PIPING SERVING THE FIXTURES SHALL BE

15. PLUMBING CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL NEW PLUMBING

16. WATERPROOF PIPE SLEEVES SHALL BE INSTALLED AT ALL PENETRATIONS THROUGH EXTERIOR WALLS. PIPE SLEEVES SHALL BE INSTALLED AT ALL WALL PENETRATIONS

SUCH AS FLUSHOMETERS, SOLENOID VALVES, ETC.

PLUMBING CODE AND IN ACCORDANCE WITH THE UTILITY REQUIREMENTS.

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.

22. ALL WORK TO BE COORDINATED WITH OTHER TRADES.

23. ALL PIPING PENETRATIONS TO BE SEALED AROUND WITH "NELSON" FIRE SEAL.

25. ALL PLUMBING FIXTURES TO BE INSTALLED AS PER FACTORY RECOMMENDATIONS.

26. ALL PLUMBING FIXTURES TO BE TRAPPED, VENTED AND PROVIDED WITH AIR SHOCKS

AS DETAILED IN THE NYS-PC.

PLUMBING ROUGH-IN INSPECTION. 29. ALL WATER AND HORIZONTAL STORM DRAIN PIPING INCLUDING ROOF DRAIN BODY

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.

AND 710.

SECTION 704 BASED ON TABLE 704.1 SLOPE OF HORIZONTAL DRAINAGE PIPE.

<b>ABBREVIATIONS:</b>

ACCESS DOOR **BACKFLOW PREVENTER** CLEAN OUT CO COLD WATER CW DOUBLE CHECK VALVE PROVIDE BARRIER-TYPE TRAP SEAL PROTECTION DEVICE ZURN Z1072 OR APPROVED EQUAL DRAINAGE FIXTURE UNIT FIELD CONNECT FLOOR DRAIN **FUNNEL FLOOR DRAIN** FIXTURE UNIT

DPCO DECK PLATE CLEAN OUT FFD **HOT WATER** HOT WATER RETURN HWR IN ACCORDANCE WITH INDIRECT WASTE FUNNEL DRAIN LAV LAVATORY JANITOR'S SINK NORMALLY CLOSED NORMALLY OPEN NYS-PC NEW YORK STATE PLUMBING CODE **ROOF DRAIN** SANITARY SD STORM DRAIN THERMOSTATIC MIXING VALVE U.O.N. UNLESS OTHERWISE NOTED UR URINAL **VENT** 

WATER CLOSET WC PLUMBING CONTRACTOR MC MECHANICAL CONTRACTOR TYP. TYPICAL

VERIFY IN FIELD WALL CLEAN OUT WATER FIXTURE UNITS WFU **EXISTING** 

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.

	FLO	OR DRAIN SCHE	DULE	
TAG	TYPE	MANUFACTURER	MODEL	SERVICE
FD-1	ADJUSTABLE	ZURN	FD-2320-R5	ALL SPACES
NOTES:				
1. PROVIDE THE FOLLOWING	G FOR FD-1; CHORME PLATED STRAIN	ER ASSEMBLY, 6" NICKEL HEAD ASSEMBLY,	AND VANDAL PROOF.	
2 DROVIDE DADDIED TYPE T	DAD CEAL DEOTECTION DEVICE TURN	71072 OR ADDROVED FOLIAL		

CLEANOUT SCHEDULE								
TAG	TYPE	MANUFACTURER	MODEL					
CO	ADJUSTABLE DECK PLATE CLEAN OUT	WATTS	CO-1200-R					

REDUCED PRESSURE ZONE VALVE SCHEDULE								
TAG	MANUFACTURER	MODEL	LOCATION	SIZE (INCH)	PRESSURE DROP (PSI)			
RPZ-1	WATTS	009LF	FOOD VENDOR CXF BLDG	3/4	N/A			
NOTES: LEAD FREE								
PROVIDE AIR GAP AND DE	RAINAGE PIPING FOR RELL	FE VALVE AND D	IRRECT TO OUTSIDE					

PLUMBING DRAWING LIST								
SHEET NO.	SHEET NAME	REVISON NO.	REVISION DATE					
CXF-P-01	PLUMBING NOTES, SYMBOLS, ABBREVIATIONS AND DRAWING LIST	0	-					
CXF-P-11	PLUMBING GROUND FLOOR DEMOLITION PLAN	0	<u>-</u>					
CXF-P-21	PLUMBING GROUND FLOOR CONSTRUCTION PLAN	0	_					
CXF-P-81	PLUMBING DETAILS	0	-					

NON-FREEZE HOSE BIB									
TAG	MANUFACTURER	MODEL	LOCATION	TYPE	MATERIAL	CASING			
NFHB	ZURN	Z1320XL	EXTERIOR WALL	NON-FREEZE HYDRANT	BRONZE	COPPER			

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RECORD DRAWING CERTIFICATION AS BUILT - CHANGES AS NOTED

CONTRACTOR

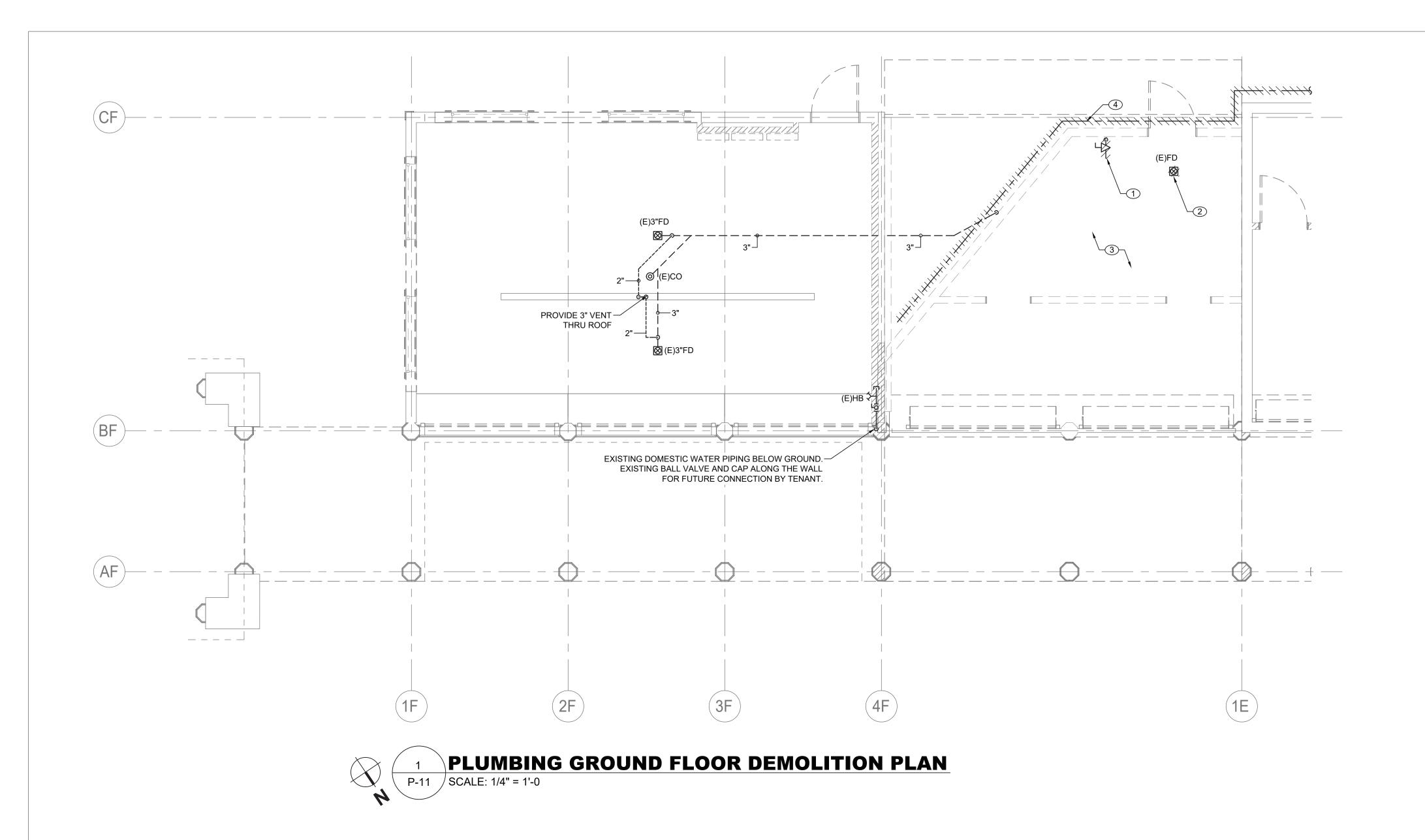
PROJECT COORDINATOR

AS BUILT - NO CHANGES

DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING F

WESTCHESTER COUNTY, NEW YORK

22-523 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION CXF-P-01 364 of 664 **AS INDICATED** 08/23/2022 PLUMBING NOTES, SYMBOLS, ABBREVIATIONS AND DRAWING LIST 1-118-P-1113-0



REVISION

CONSULTANT SEAL

LiRo Engineers, Inc.

A LiRo Group Company

Syosset, N.Y. 516-214-8157[T]

### PLUMBING DEMOLITION NOTES:

- 1 REMOVE EXISTING ABANDONED ABOVE FLOOR GAS PIPING AND CAP PERMANENTLY BELOW SLAB.
- (2) REMOVE EXISTING FLOOR DRAIN. REMOVE AND CAP PERMANENTLY EXISTING UNDERGROUND PIPING BACK TO SOURCE.
- 3 REMOVE ALL EXISTING PLUMBING FIXTURES WITH ALL ASSOCIATED PLUMBING PIPING WITHIN CXF BUILDING.
- 4 REMOVE EXISTING WATER PIPING FOR HOSE BIBS ALONG THE EXTERIOR WALL FROM CXF BUILDING UP TO CXD BUILDING.

### **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.

	WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION	CONTRACT SHEET NUMBER  22-523 CXF-P-11
	DIVISION OF ENGINEERING	DWG NO.: <b>365 of 664</b>
	INFRASTRUCTURE REHABILITATION - PHASE 3	SCALE: AS INDICATED
=	PLAYLAND PARK, RYE, NEW YORK	DATE: 08/23/2022
-	CROSS AXIS BUILDING F PLUMBING GROUND FLOOR DEMOLITION PLAN	DPW FILE 1-118-P-1114-0 REV. 0

RECORD DRAWING CERTIFICATION

\_\_\_\_ AS BUILT - NO CHANGES

PROJECT COORDINATOR

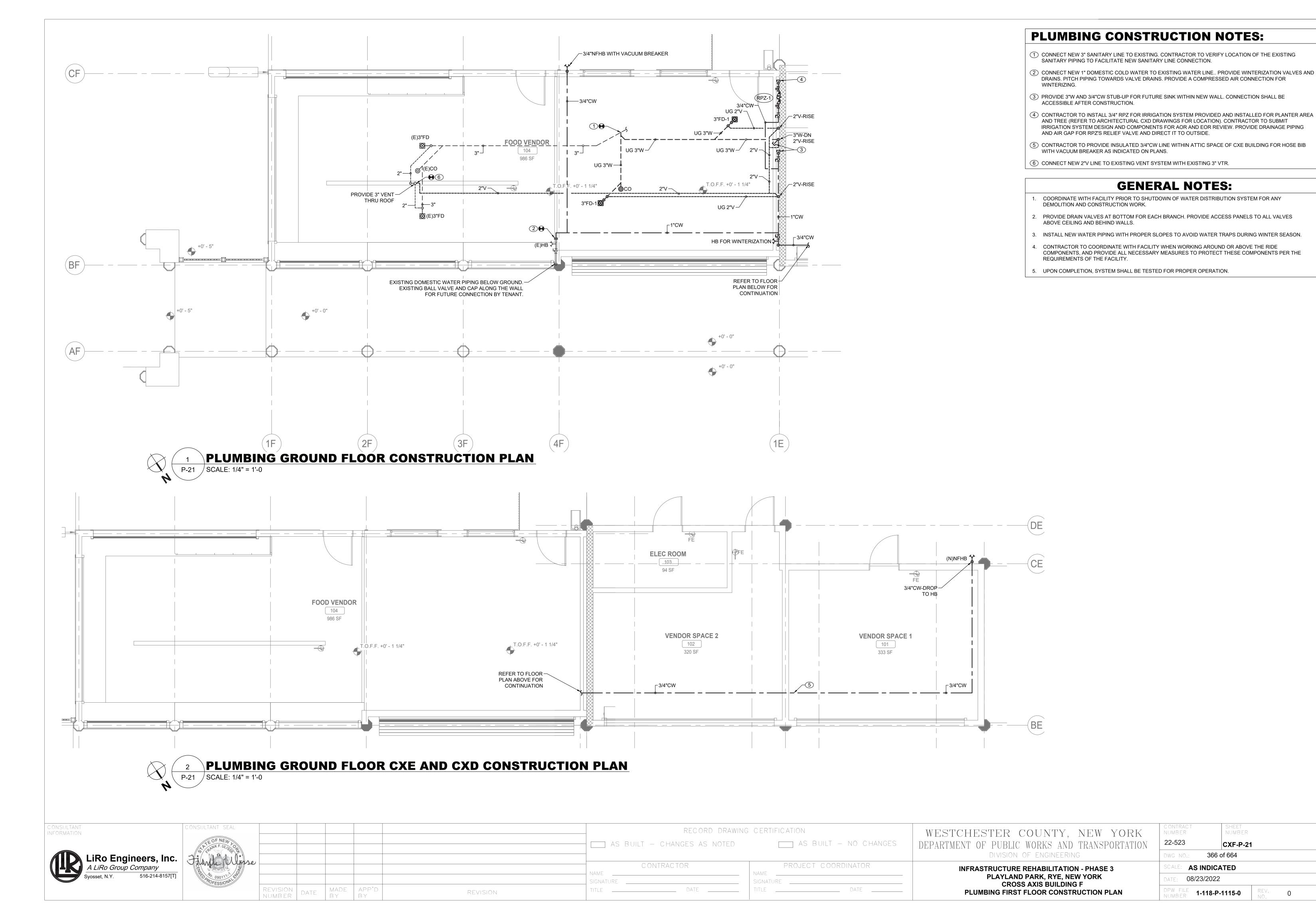
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SIGNATURE

TITLE \_\_\_\_ DATE \_\_\_\_

\_\_\_\_ AS BUILT — CHANGES AS NOTED

CONTRACTOR



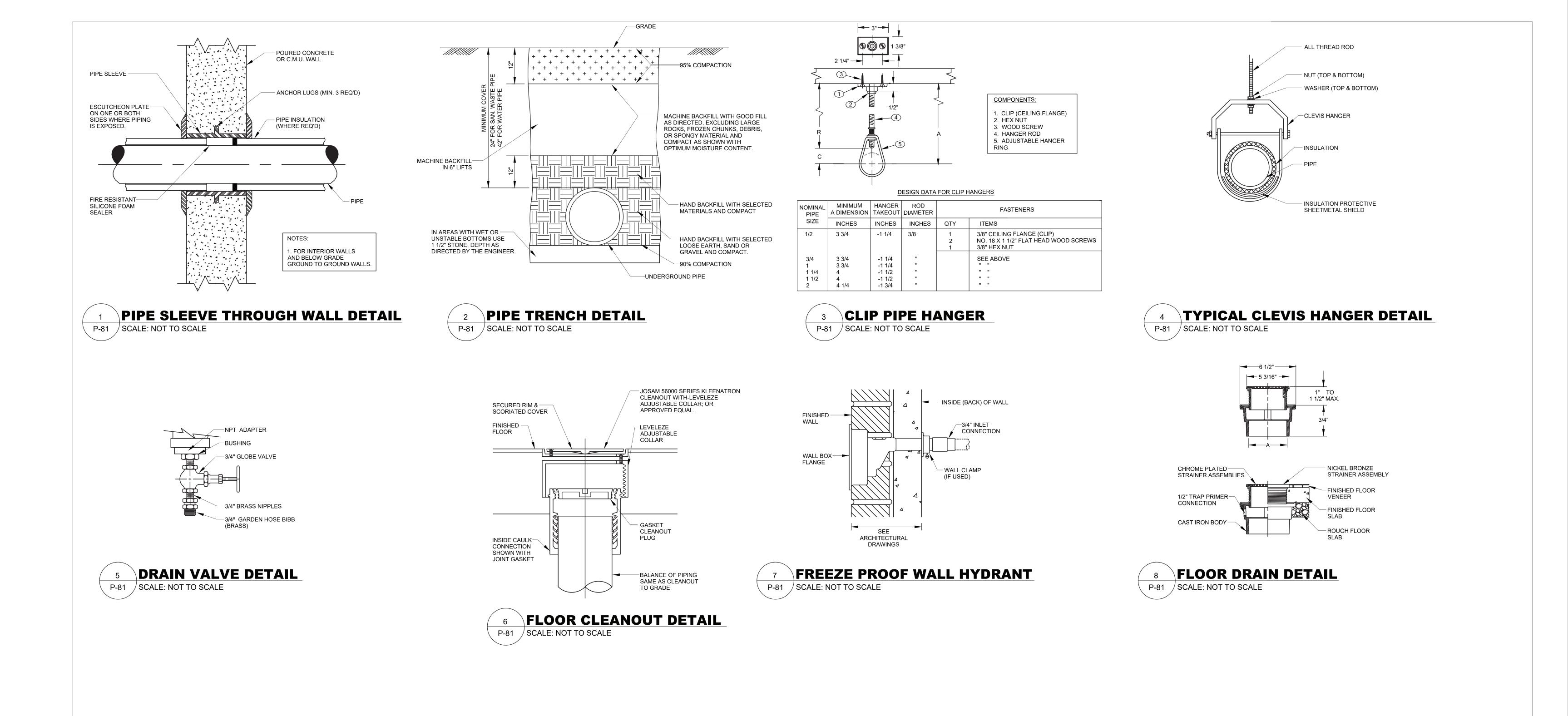
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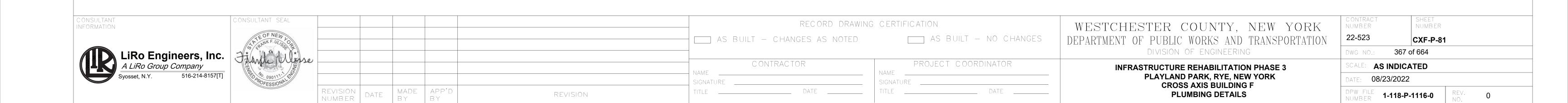
CXF-P-21

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**AS INDICATED** 

08/23/2022





### **MECHANICAL GENERAL NOTES**

- ALL WORK AND MATERIALS SHALL BE PURCHASED AND INSTALLED IN ACCORDANCE WITH ALL NATIONAL & NEW YORK STATE CODES AND REGULATIONS (AS WELL AS ALL APPLICABLE LOCAL CODES & REGULATIONS). THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL HVAC WORK IS PROVIDED AND INSTALLED IN STRICT ACCORDANCE WITH SEISMIC REQUIREMENTS.
- DO NOT SCALE FROM THESE DRAWINGS.
- THE EXACT MOUNTING HEIGHTS AND LOCATIONS OF ALL HVAC EQUIPMENT SHALL BE FIELD VERIFIED AND COORDINATED WITH ALL OTHER MECHANICAL, ELECTRICAL, PLUMBING, FIRE SPRINKLER, ARCHITECTURAL AND STRUCTURAL SYSTEMS. DURING SHOP DRAWINGS SUBMISSIONS, SHOW ALL MOUNTING HEIGHTS OF DUCTWORK, UNITS, ETC.
- VERIFY ALL EQUIPMENT VOLTAGES WITH THE ELECTRICAL DESIGN PRIOR TO ORDERING EQUIPMENT.
- PROVIDE PHASE LOSS PROTECTION FOR ALL POLY-PHASE MOTOR DEVICES.
- DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET STEEL IN STRICT COMPLIANCE WITH THE LATEST EDITION OF THE ASHRAE, NFPA, AND SMACNA GUIDE RECOMMENDATIONS. ALL DUCTS TO HAVE PITTSBURGH TYPE LOCK FOR LONGITUDINAL SEAMS AND DRIVE SLIP / "S" SLIP FOR TRANSVERSE JOINTS. "DUCT-MATE" JOINT SYSTEM IS ACCEPTABLE IN LIEU OF PRIOR SEAM SYSTEMS. SIZES AS SHOWN INDICATE INSIDE CLEAR DIMENSIONS OF THE AIR PASSAGE. DUCTWORK SHALL BE FULLY INSULATED AS PER APPLICABLE CODES AND WRITTEN SPECIFICATIONS.
- DUCT SIZES MUST BE VERIFIED FOR CLEARANCES AT THE JOB SITE PRIOR TO FABRICATION, DIMENSIONS MAY BE CHANGED TO ACCOMMODATE CONSTRUCTION AS LONG AS EFFECTIVE CROSS-SECTIONAL AREA IS MAINTAINED. DUCT TRANSITIONS SHALL BE CONSTRUCTED WITH A SLOPE OF 1' TO 4". ALL DEVIATIONS FROM ORIGINAL CONTRACT DRAWINGS SHALL BE REVIEWED BY ENGINEER DURING THE SHOP DRAWING PROCESS.
- PROVIDE MANUAL BALANCING DAMPERS AS REQUIRED TO PROPERLY BALANCE EACH INDIVIDUAL AIR DISTRIBUTION SYSTEM. IF THE LOCATION OF THE BALANCING DAMPER IS NOT DEFINED ON THE DRAWINGS, THE FOLLOWING MINIMUMS STANDARDS SHALL GOVERN. ALL SUPPLY, RETURN, AND EXHAUST MAIN BRANCHES FROM TRUNKS, EACH SPLIT AND ALL SUB- BRANCHES FROM MAIN SHALL INCORPORATE BALANCING DAMPERS.
- PROVIDE FLEXIBLE CONNECTORS AT ALL DUCT CONNECTIONS TO VIBRATING EQUIPMENT. THESE CONNECTORS SHALL BE INSTALLED IN CLOSE PROXIMITY
- 10. PROVIDE FIRE DAMPERS WITH RATED ACCESS DOORS AT ALL DUCT PENETRATIONS THROUGH FIRE RATED WALLS, SMOKE AND FIRE STOPPING, SHAFT, FLOORS, RATED CEILINGS AND PARTITIONS AS REQUIRED TO MAINTAIN ARCHITECTURAL FIRE RATINGS. REFER TO THE ARCHITECTURAL PLANS AND SPECIFICATIONS FOR LOCATIONS AND FIRE RATING REQUIREMENTS. CONTRACTOR MUST FULLY REVIEW ALL ARCHITECTURAL AND ENGINEERING DRAWINGS AND VISIT THE SITE PRIOR TO SUBMITTING THE BID. NO EXTRAS WILL BE ALLOWED.
- 11. ALL ACCESS DOORS REQUIRED IN GENERAL CONSTRUCTION ARE TO BE PROVIDED AND INSTALLED BY THE 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.
- 12. ALL CEILING MOUNTED EQUIPMENT MUST BE SUPPORTED DIRECTLY FROM BUILDING STRUCTURE WITH COMBINATION SPRING AND NEOPRENE-IN-SHEAR HANGERS AND ROD. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED TO ADEQUATELY SUPPORT THE LOAD.
- 13. THE CONTRACTOR MUST CONTRACT AN INDEPENDENT NEBB CERTIFIED AIR BALANCING & TESTING COMPANY TO PERFORM THE AIR BALANCING WORK AND ASSOCIATED SYSTEM AIR BALANCING REPORT. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH ALL APPLICABLE CODES, REGULATIONS, PLANS AND WRITTEN SPECIFICATIONS. SUBMIT THE FINAL AIR BALANCE REPORT TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO SUBSTANTIAL COMPLETION OF THE PROJECT, AS DETERMINED BY THE AND OWNER/CLIENT. THE AIR BALANCE REPORT MUST INCLUDE ALL SUPPLY, RETURN, & EXHAUST AIR TERMINALS, FRESH AIR (OUTSIDE AIR) INTAKE AND VENTILATION EXHAUST CFM RATES FOR ALL UNITS. ALSO INCLUDE ACTUAL SUPPLY & RETURN AIR VELOCITY & STATIC PRESSURE READINGS ALONG WITH ALL MOTOR AMPERAGES FOR ALL UNITS.
- 14. THE CONTRACTOR IS TO INCLUDE IN THEIR BID ALL LOW VOLTAGE CONTROL WIRING, THERMOSTATS, RELAYS, TRANSFORMERS, STARTERS ETC FOR A COMPLETE OPERATING CONTROL SYSTEM AS DESCRIBED IN THE SEQUENCE OF OPERATIONS, 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.
- 15. ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS/SPECIFICATIONS.

### **CODE REFERENCE**

2020 NEW YORK STATE BUILDING CODE 2020 NEW YORK STATE MECHANICAL CODE

2020 NEW YORK STATE ENERGY CONSERVATION CODE

### **MECHANICAL DEMOLITION NOTES**

1. CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION OF MECHANICAL EQUIPMENT AND MATERIAL RELATING TO THEIR RESPECTIVE TRADE.

CONTRACT OR OTHER CONTRACT WORK.

2. THE CONTRACTOR SHALL REMOVE, RELOCATE, REPLACE, ADJUST, ADAPT AND MODIFY EXISTING EQUIPMENT AND/OR SYSTEMS AS REQUIRED WHEN SUCH WORK IS UNCOVERED AND FOUND TO INTERFERE WITH COMPLETION OF WORK IN THIS

3. EXECUTE THE DEMOLITION IN CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE DISTURBANCE TO THE PUBLIC, EGRESS OR THE FUNCTIONING OF THE EXISTING BUILDING.

4. TAKE NECESSARY PRECAUTIONS TO PREVENT DUST AND DIRT FROM RISING BY WETTING DEMOLISHED DEBRIS. EXCESSIVE USE OF WATER WILL NOT BE PERMITTED.

5. PRIOR TO DEMOLITION, CONTRACTOR SHALL REVIEW WITH OWNER ALL MATERIALS TO BE REMOVED, SHOULD THE OWNER WANT TO KEEP ANY MATERIALS THE CONTRACTOR SHALL REMOVE AND DELIVER THE PARTS TO THE OWNER ON THE SITE WHERE SO DIRECTED. OTHERWISE ALL DEMOLISHED OR REMOVED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AND BE DISPOSED OF IN A LEGAL MANNER.

6. DEMOLITION SHALL INCLUDE REMOVAL OF ALL PARTS AND PIECES IN THEIR ENTIRETY BACK TO POINTS INDICATED OR IF NOT INDICATED BACK TO THEIR POINT OF SOURCE.

7. WHERE CONDITIONS PROHIBIT TOTAL REMOVAL OF THE WORK, THE REMAINING PORTION SHALL BE CUT FLUSH WITH THE SURROUNDING SURFACE AND BE CAPPED, PLUGGED OR SEALED AND THE SURROUNDING SURFACE SHALL BE REFINISHED IN AN APPROVED MANNER.

9. DO NOT REMOVE EXISTING STRUCTURAL WORK. DO NOT REMOVE OPERATIONAL ELEMENTS AND SAFETY-RELATED COMPONENTS IN A MANNER RESULTING IN A REDUCTION OF CAPACITIES TO PERFORM IN THE MANNER INTENDED OR RESULTING IN DECREASED OPERATIONAL LIFE, INCREASED MAINTENANCE. OR DECREASED SAFETY.

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.

10. REMOVALS, DISCONNECTIONS, AND RELOCATIONS SHALL BE

11. PROVIDE ADEQUATE TEMPORARY SUPPORT FOR WORK TO REMAIN, TO PREVENT FAILURE. DO NOT ENDANGER OTHER WORK.

12. PROTECTION: PROVIDE ADEQUATE PROTECTION WHERE REQUIRED FOR THE PRESENT BUILDING AND ITS CONTENTS. TEMPORARY DUSTPROOF BARRIERS AND BARRICADES SHALL BE ERECTED WHERE REQUIRED FOR PROTECTION OF PERSONNEL, PROTECTION FROM DUST AND DIRT, FOR SECURITY, FIRE AND WEATHER PROTECTIVE REASONS.

13. CONTRACTOR SHALL TAKE EVERY PRECAUTION AGAINST FIRE BY EMPLOYING FIRE DEPARTMENT TYPE HOSES AND PORTABLE FIRE EXTINGUISHERS AS REQUIRED BY OSHA AND/OR THE OWNER'S INSURANCE UNDERWRITER

14. BEFORE STARTING DEMOLITION OPERATIONS, PROVIDE THE NECESSARY PROTECTIVE DEVICES, WHERE REQUIRED, AND IN STRICT ACCORDANCE WITH OSHA RULES AND REGULATIONS.

14. USE TEMPORARY ENCLOSURES. OR OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING TO LOWEST PRACTICAL LEVEL. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

15. FIELD VERIFY DEMOLITION REQUIREMENTS AND EXISTING CONDITIONS. DEMOLITION NOTES ARE INDICATED IN NOTE FORM.

16. CONTRACTOR SHALL ESTABLISH A PATH OF TRAVEL AND TIME SCHEDULE FOR THE REMOVAL OF ALL DEBRIS AND WASTE, AND HAVE THIS APPROVED BY OWNER. CONTRACTOR IS TO ENSURE THAT ALL CORRIDORS AND PUBLIC AREAS BE KEPT FREE OF OBSTRUCTIONS, DEBRIS, AND ARE TO BE BROOM SWEPT CLEAN AT ALL TIMES.

17. CONTRACTOR SHALL VISIT THE SITE AND BECOME INFORMED AS TO THE CONDITION OF THE PREMISES AND THE EXTENT AND CHARACTER OF WORK REQUIRED. NO ADDITIONAL COMPENSATION WILL BE APPROVED DUE TO FIELD CONDITIONS.

### **NYSECC ENERGY COMPLIANCE STATEMENT:**

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

### 

REGULAR RETURN AIR DUCT

(UP AND DOWN)

HVAC S	SYMBOL LIST
<u>IDENTIFIER</u>	DESCRIPTION
}	NEW DUCTWORK OR PIPING
5////////5	EXISTING DUCTWORK OR PIPING TO BE REMOVED
5———5	EXISTING DUCTWORK OR PIPING TO REMAIN
24X12 }	DOUBLE-LINE AND SINGLE-LINE RECTANGULAR DUCT, FIRST NUMBER INDICATES SIDE IN VIEW IN INCHES, SECOND NUMBER INDICATES SIDE IN DEPTH IN INCHES
www.	FLEXIBLE DUCTWORK
	REGULAR SUPPLY AIR DUCT (UP AND DOWN)

REGULAR EXHAUST AIR DUCT (UP AND DOWN) REGULAR OUTSIDE AIR DUCT (UP AND DOWN) **VOLUME DAMPER**  $\neg$ VD --- BD BACKDRAFT DAMPER

MOTOR OPERATED DAMPER <u>-₩</u>-EQUIPMENT TAG EQUIPMENT NUMBER  $\langle xxx \rangle$ DETAIL TAG/CALL OUT TAG MECHANICAL SHEET NUMBER THERMOSTAT **EXHAUST GRILLE** REFER TO SUPPLEMENTAL

(F#)

### HVAC ARREVIATIONS

FIGURE INDICATED BY NUMBER

(I.E. F2 REFERS TO FIGURE 2)

ПVА	C ADDREVIA I IUNG
IDENTIFIER	DESCRIPTION
AC CFM COND CU CUH DB DN EA EF EG EUH EER EG FAI GC MBH PC RG RGL RTU SA SD TYP	DESCRIPTION  DIRECT EXPANSION AIR CONDITION UNIT CUBIC FEET PER MINUTE CONDENSATE CONDENSING UNIT CABINET UNIT HEATER DRY BULB DOWN EXHAUST AIR EXHAUST FAN EXHAUST FAN EXHAUST GRILLE ELECTRIC UNIT HEATER ENERGY EFFICIENCY RATIO EXHAUST GRILLE FRESH AIR INTAKE GENERAL CONTRACTOR THOUSAND BTU PER HOUR PLUMBING CONTRACTOR RETURN GRILLE REFRIGERANT GAS LINE REFRIGERANT LIQUID LINE ROOFTOP UNIT SUPPLY AIR SUPPLY DIFFUSER TYPICAL
VIF	VERIFY IN FIELD

### **SCOPE OF WORK**

### CONSTRUCTION

- 1. PROVIDE ONE (1) NEW OUTDOOR SPLIT CONDENSER AIR CONDITIONER UNIT ON ROOF AS INDICATED. PROVIDE ONE (1) NEW WALL MOUNTED INDOOR UNIT AS INDICATED.
- PROVIDE ONE (1) NEW ROOF MOUNTED EXHAUST FAN AND ASSOCIATED DUCTWORK AS INDICATED.

**DUCT LEAKAGE** 

	<b>MECHANICAL DRA</b>	WING LIST	
SHEET NO.	SHEET NAME	REVISON NO.	REVISION DATE
CXF-M-01	MECHANICAL NOTES, SYMBOLS & LEGENDS	0	-
CXF-M-21	MECHANICAL 1ST FLOOR CONSTRUCTION PLAN	0	-
CXF-M-22	MECHANICAL ROOF CONSTRUCTION PLAN	0	-
CXF-M-61	MECHANICAL SCHEDULES	0	-
CXF-M-81	MECHANICAL DETAILS	0	-
CXF-M-91	MECHANICAL CONTROLS	0	-

SMACNA HVAC DUCT LEAKAGE TEST

PER C403 MECHANICAL DWGS. & SPECS

ETAILS			DESIGN		
AREA (SF)	4% FLOOR AREA (SF)	WINDOW FREE AREA (SF)	DOOR AREA (SF)	TOTAL OPENABLE AREA (SF)	NOTES
986	39	-	464	464	1,2
		•	•		1
ECHANICA	AL CODE.				
		PACE SHALL I	BE THROUGH V	VINDOWS, DOOR	S, LOUVER
SS TO THE	OUTDOORS	THE MINIMUI	M OPENABLE A	REA TO THE OUT	TDOORS
E	AREA (SF) 986 ECHANICA	AREA (SF)  986  39  ECHANICAL CODE.  N OF AN OCCUPIED SI	AREA (SF) 4% FLOOR AREA (SF) FREE AREA (SF) 986 39 -  ECHANICAL CODE.  N OF AN OCCUPIED SPACE SHALL I	AREA (SF) WINDOW FREE AREA (SF) 986 39 - 464  ECHANICAL CODE. N OF AN OCCUPIED SPACE SHALL BE THROUGH V	AREA (SF)         4% FLOOR AREA (SF)         WINDOW FREE AREA (SF)         DOOR AREA (SF)         TOTAL OPENABLE AREA (SF)           986         39         -         464         464

	TAB	LE 1: ENERG	Y CODE ANALYSIS	TABLE FO	R MECHANICAL SYST	<b>TEMS</b>	
			(PER 2020 NYS E	NERGY CODE)			
	ITEM DESCRIPTION						
	UNIT TAG	EQUIPMENT TYPE	PROPOSED VALUE	MINIMUM EFFECIENCY	CODE PRECRIBED VALUE AND CITATION	CITATION	SUPPORTING DOCUMENTATION
HVAC EQUIPMENT PERFORMANCE	AC-1, CU-1	SPLIT SYSTEM	SEER=19.8	SEER=13.0	MINIMUM EFFICIENCY REQUIREMENTS: ELECTRICALLY OPERATED UNITARY AIR CONDITIONERS AND CONDENSING UNITS < 65,000 Btu/hb	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	3	GRAVITY/BACKDRAFT DAMPERS PROVIDED IN LIEU OF MOTORIZED DAMPER MOTORIZED	=	BACDRAFT DAMPER INSTALLED AT EXHAUST OPENINGS	C403.7.7	MECHANICAL SCHEDULES AND PLANS

		(IIB - MECHA	ANICAL AND SERVICE WATER HEATING INSP	ECTIONS)	
	INSPECTION TEST	FREQUENCY	REFERENCE STANDARDS	INSPECTION DESCRIPTION	ECC CITATION
IB2	SHUT-OFF DAMPERS	AS REQUIRED DURING INSTALLATION	APPROVED CONSTRUCTION DOCUMENTS	DAMPERS FOR STAIR AND ELEVATOR SHAFT VENTS AND OTHER OUTDOOR AIR INTAKES AND EXHAUST OPENINGS INTEGRAL TO THE BUILDING ENVELOPE SHALL BE VISUALLY INSPECTED TO VERIFY THAT SUCH DAMPERS, EXCEPT WHERE PERMITTED TO BE GRAVITY DAMPERS, COMPLY WITH APPROVED CONSTRUCTION DRAWINGS. MANUFACTURER'S LITERATURE SHALL BE REVIEWED TO VERIFY THAT THE PRODUCT HAS BEEN TESTED AND FOUND TO MEET THE STANDARD.	NYSECC C403.2.4.4, OR ASHRAE 90.1-6.4.3.4
В3	HVAC AND SERVICE WATER HEATING EQUIPMENT	PRIOR TO FINAL MECHANICAL AND CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS	EQUIPMENT SIZING, EFFICIENCIES AND OTHER PERFORMANCE FACTORS OF ALL MAJOR EQUIPMENT UNITS, AS DETERMINED BY THE APPLICANT OF RECORD, AND NO LESS THAN 15% OF MINOR EQUIPMENT UNITS, SHALL BE VERIFIED BY VISUAL INSPECTION AND, WHERE NECESSARY, REVIEW OF MANUFACTURER'S DATA. POOL HEATERS AND COVERS SHALL BE VERIFIED BY VISUAL INSPECTION	NYSECC C403.2, C404.2 C404.7, C406.2
B4	HVAC AND SERVICE WATER HEATING SYSTEM CONTROLS	AFTER INSTALLATION AND PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION, EXCEPT THAT FOR CONTROLS WITH SEASONALLY DEPENDENT FUNCTIONALITY, SUCH TESTING SHALL BE PERFORMED BEFORE SIGN-OFF FOR ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY	APPROVED CONSTRUCTION DOCUMENTS INCLUDING CONTROL SYSTEM NARRATIVES	NO LESS THAN 20% OF EACH TYPE OF REQUIRED CONTROLS AND ECONOMIZERS SHALL BE VERIFIED BY VISUAL INSPECTION AND TESTED FOR FUNCTIONALITY AND PROPER OPERATION. SUCH CONTROLS SHALL INCLUDE, BUT ARE NOT LIMITED TO, THERMOSTATIC AND ECONOMIZER CONTROLS	NYSECC C403.2.4, C403.2.5.1, C403.2.11, C403.3, C403.4, C404.3, C404.6, C404.7
B6	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

DAMPERS PER EXCEPTIONS 1 AND 3

SMACNA HVAC DUCT LEAKAGE TEST

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REVISION

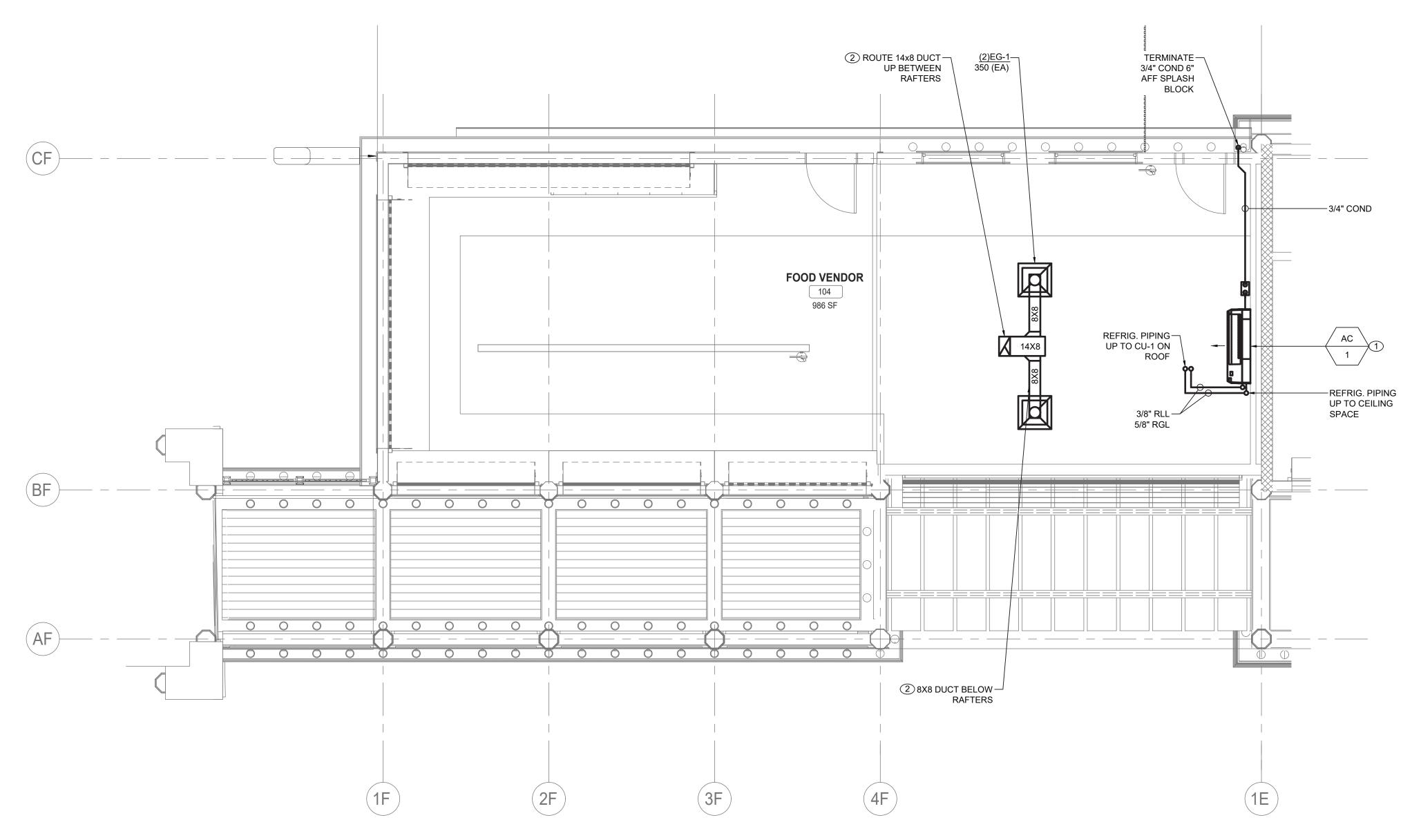
RECORD DRAWING CERTIFICATION AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES CONTRACTOR PROJECT COORDINATOR

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK

> **CROSS AXIS BUILDING F** MECHANICAL NOTES, SYMBOLS AND LEGENDS

22-523 CXF-M-01 368 of 664 DWG NO.: **AS INDICATED** 08/23/2022

1-118-M-1117-0



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



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TE OF NEW LOOP						
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	REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	TITLE

RECORD DRAWING CERTIFICATION \_\_\_\_ AS BUILT — NO CHANGES \_\_\_\_ AS BUILT — CHANGES AS NOTED CONTRACTOR PROJECT COORDINATOR

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

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

SHEET NUMBER 22-523 CXF-M-21 369 of 664 DWG NO.: **AS INDICATED** 08/23/2022 DPW FILE NUMBER 1-118-M-1118-0

### **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 WALL MOUNTED INDOOR UNITS AS INDICATED WITH CONDENSATE LIFT PUMPS. INSTALL AC-1 AT 7'0" AFF. COORDINATE ELECTRICAL POWER AND WIRING WITH ELECTRICAL CONTRACTOR.

2 PROVIDE NEW EXHAUST DUCTWORK FROM KITCHEN TO ROOF TOP EXHAUST FAN.

# RAMINATOR STREET STREET

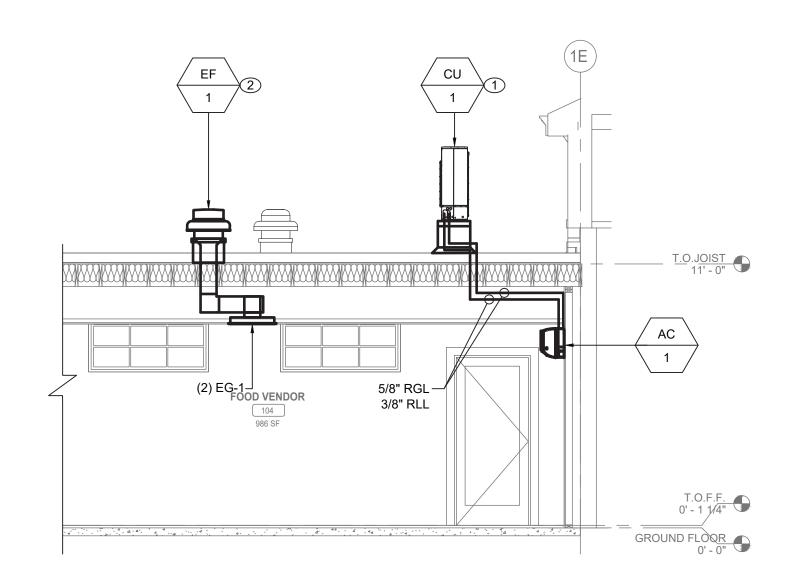
# MECHANICAL ROOF CONSTRUCTION PLAN SCALE: 1/4" = 1'-0

### **GENERAL NOTES:**

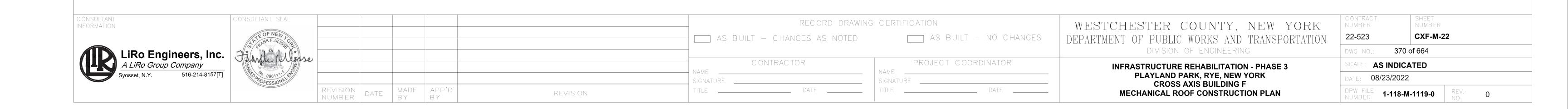
- CONTRACTOR TO COORDINATE WITH FACILITY WHEN WORKING AROUND OR ABOVE THE RIDE COMPONENTS, AND PROVIDE ALL NECESSARY MEASURES TO PROTECT THESE COMPONENTS PER THE REQUIREMENTS OF THE FACILITY.
- 2. UPON COMPLETION, SYSTEM SHALL BE TESTED FOR PROPER OPERATION.

### **MECHANICAL CONSTRUCTION NOTES:**

- 1 PROVIDE NEW OUTDOOR AIR CONDITIONER UNIT AS SHOWN. COORDINATE ELECTRICAL POWER, DISCONNECT, AND WIRING WITH ELECTRICAL CONTRACTOR. PLACE UNIT ON EQUIPMENT RAILS AS SHOWN ON CXF-M-81.
- 2 PROVIDE NEW EXHAUST FAN AS SCHEDULED. COORDINATE ELECTRICAL POWER AND WIRING WITH ELECTRICAL CONTRACTOR.



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



### **DUCTLESS SPLIT SYSTEM SCHEDULE**

UNIT TAG (INDOOR)	ASSOCIATED	MANUFACTURER	MODEL	LOCATION/SERVICE	REFRIGERANT	SUPPLY FAN COOLING		COOLING (ONLY)		TING	ELECTRICAL		WEIGHT	WEIGHT NOTES	
UNIT IAG (INDOOR)	OUTDOOR UNIT	MANOPACTORER	MODEL	LOCATION/SERVICE	REFRIGERANT	CFM	TOTAL/SENS. (MBH)	EAT DB/WB	МВН	EAT/LAT DB	VPHCY.	MCA	МОСР	WEIGHT	NOTES
AC-1	CU-1	MITSUBISHI	PKA-A30KA7	101 FOOD VENDOR	R410A	775	30.0/30.0	80/67	5 <del>2</del>	21	208-1-60	1.00	-	46	1,2,3,4

NOTES

UNIT CAPACITY INDICATED AS SIZING CRITERIA.

2. PROVIDE UNIT WITH WIRED WALL MOUNTED THERMOSTAT.

3. PROVIDE ALL INDOOR UNIT WITH CONDENSATE PUMP.

4. INSTALL AND SIZE REFRIGERANT PIPING PER MANUFACTURER'S SPECIFICATION.

DUCTLESS SPLIT SYSTEM CONDENSING UNIT SCHEDULE
--

JNIT TAG (OUTDOOR)	MANUFACTURER	MODEL	NOMINAL COOLING (BTU/HR)	NOMINAL HEATING (BTU/HR)	SERVICE	SEER	СОР	VPHCY.	MCA	MOCP	WEIGHT	NOTES
CU-1	MITSUBISHI	PUY-A30NHA7	30000	-	101 FOOD VENDOR	19.6	-	208-1-60	19.0	26.0	151.0	1,2

1. UNIT CAPACITY INDICATED AS SIZING CRITERIA.

2. PROVIDE UNIT WITH 16" ROOF STAND.

	FAN SCHEDULE														
TAG	MANUFACTURER	MODEL	LOCATION	SERVICE	TYPE	DRIVE	AIR FLOW (CFM)	TSP	ELECTRICAL				OPERATING WEIGHT	OPENING DIMENSIONS	NOTES
	MANUFACTURER	MODEL						(IN. WG)	HP	ВНР	RPM	V-PH-HZ	(±LBS) DxH	NOTES	
EF-1	GREENHECK	G-90-VG	101 FOOD VENDOR	104 FOOD VENDOR	CENTRIFUGAL	DIRECT	700	0.20	0.10	0.07	1619	115-1-60	29	12.5X12.5	1,2,3,4,5
	V0	700	(4)	13	9/-	-00	57	70		0	1900	40	TO:	(a)	00

NOTES:

1. PROVIDE ALL CONTACTS, RELAYS, AND DEVICES NECESSARY FOR CONTROL OF FANS PER SEQUENCE OF OPERATIONS.

2. PROVIDE THERMAL OVERLOAD FOR ALL SINGLE PHASE MOTORS.

3. PROVIDE SALT WATER RESISTANT HI-PRO POLYESTER COATING FOR ALL FANS.

4. FAN SHALL BE FURNISHED WITH NON FUSED DISCONNECT.

5. PROVIDE 12" ROOF CURBS FOR ALL ROOF MOUNTED FANS. INCLUDE 1.5" INSULATION ON CURB.

	DIFFUSER SCHEDULE										
TAG	MANUFACTURER	MODEL	SERVICE	NECK SIZE (IN)	FACE SIZE (IN)	MOUNTING	CFM	MAX PD (wg)	MAX VELOCITY	MAX NC	NOTES
EG-1	TITUS	50F	GENERAL EXHAUST	8X8	24X24	LAY-IN / GYP	111-370	0.10	946	40	1, 2, 3
NOTES:	ilo vi				. <del>.</del>			<u> </u>	<del>.</del>	98	-

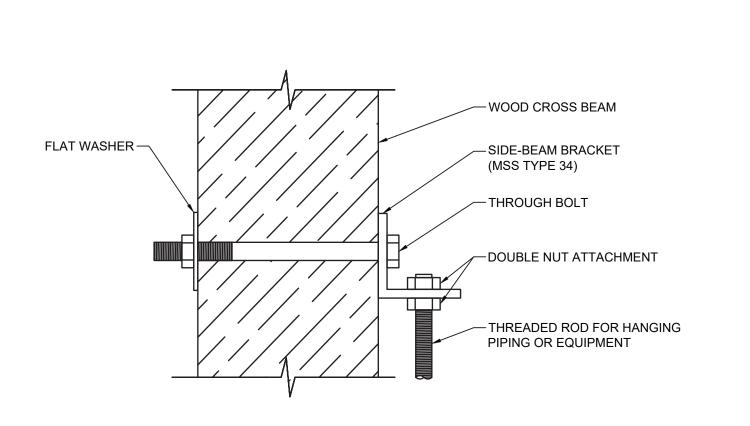
NOTES:

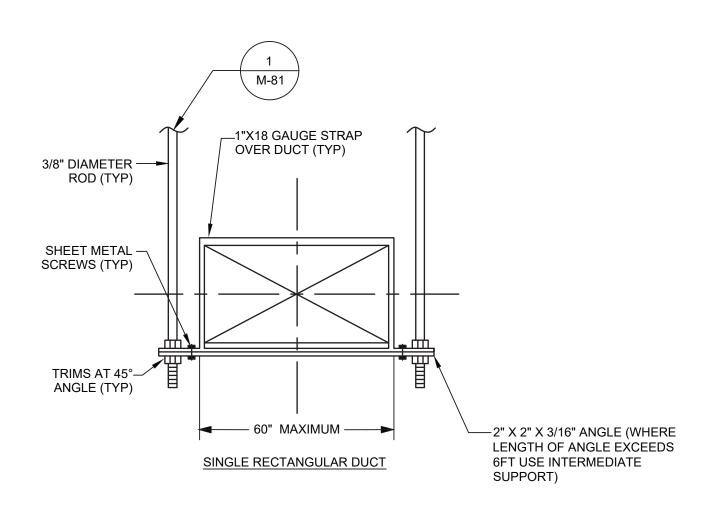
1. COORDINATE AND CONFIRM CEILING AND/OR WALL MOUNT (T-BAR, SURFACE, REINFORCEMENT, ETC) WITH ARCHITECTURAL RCP AND WALL CONSTRUCTION BEFORE ORDERING.

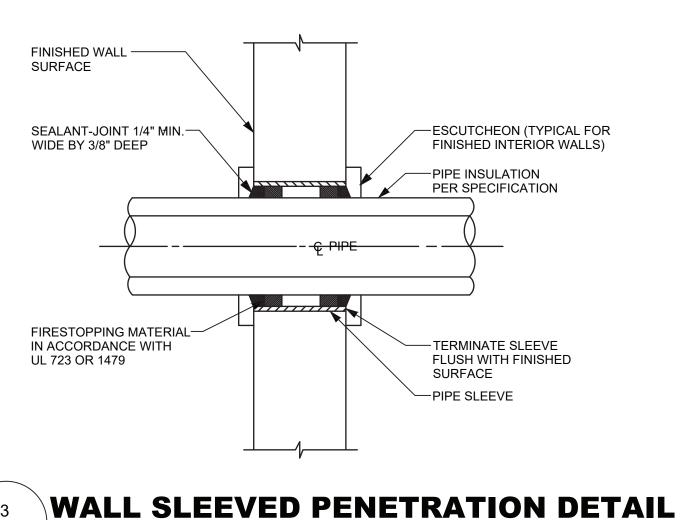
2. PROVIDE WITH MOLDED INSULATION BLANKET.

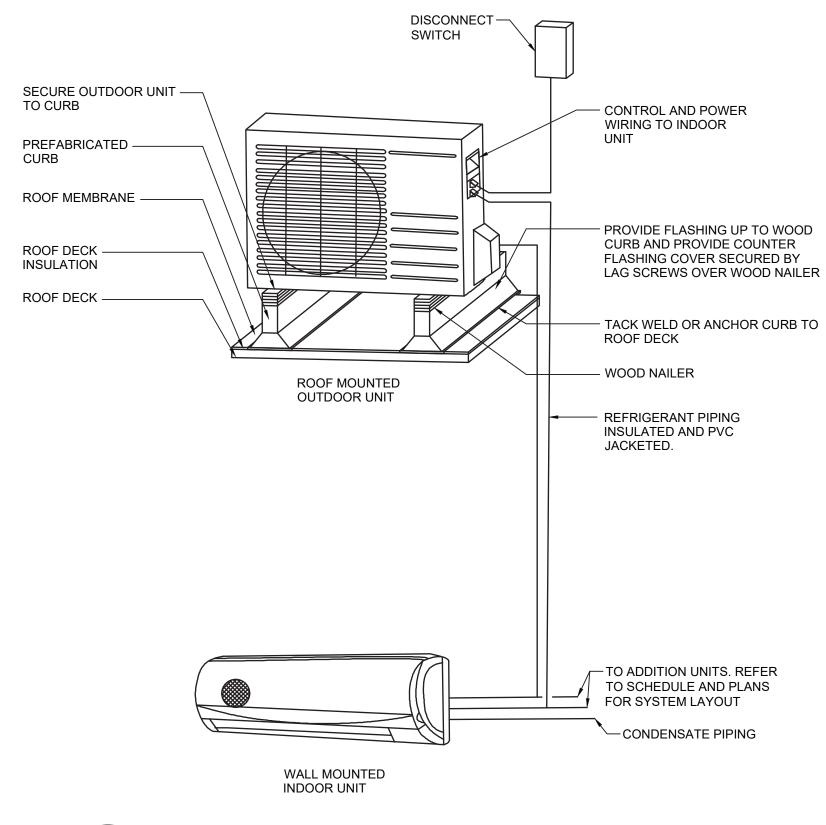
3. INTEGRAL VOLUME DAMPERS NOT ACCEPTABLE. VOLUME DAMPERS PROVIDED BY MECHANICAL CONTRACTOR ON ALL RUN-OUTS. EXCEPTIONS REQUIRE APPROVAL WHEN REQUIRED.

Syosset, N.Y. 516-214-8157[T]	POFESSIONAL E	REVISION DATE MADE APP'D	REVISION	SIGNATURE	DATE	SIGNATURE DATE	PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING F MECHANICAL SCHEDULES		23/2022 1-118-M-1120-0 REV. 0
A LIRo Group Company	The second			CONTR	ACTOR	PROJECT COORDINATOR	INFRASTRUCTURE REHABILITATION - PHASE 3	SCALE: AS	SINDICATED
LiRo Engineers, Inc.							DIVISION OF ENGINEERING	DWG NO.:	371 of 664
	A PANK F. ULO			AS BUILT — C	HANGES AS NOTED	AS BUILT — NO CHANC	, '	22-523	CXF-M-61
ONSULTANT FORMATION	CONSULTANT SEAL				RECORD DRAWING	CERTIFICATION	WESTCHESTER COUNTY, NEW YORK	C ONTRACT NUMB ER	SHEET NUMBER





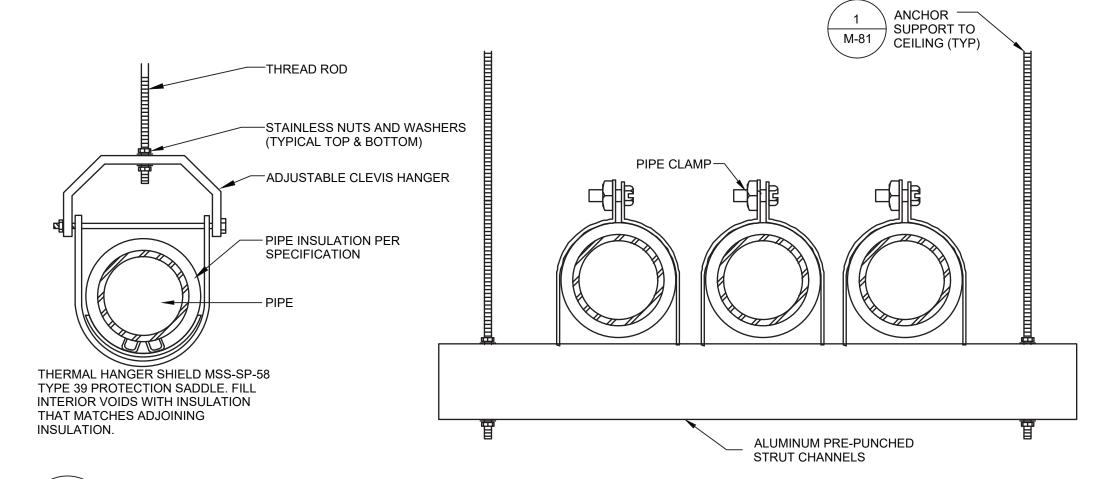








- ROOF EQUIPMENT LAP MEMBRANE FLASHING OVER TOP OF CURB AND FASTEN AT 12" O.C.



ROOF EXHAUSTER —

- ROOFING

**TRANSITION** 

STEEL FRAME

(AS REQUIRED)

PREFABRICATED -

ROOF CURB

- SEE ENLARGED VIEW-

- INTEGRAL FAN

WOOD NAILER

BACK DRAFT

- DUCT-WHERE

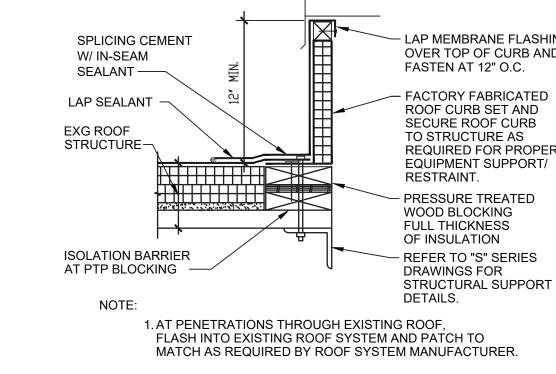
DRAWING

INDICATED ON

DAMPER

PRESSURE TREATED

CURB CAP



M-81 / SCALE: NOT TO SCALE

### MECHANICAL SPLIT PIPING DETAIL M-81 / SCALE: NOT TO SCALE

### MECHANICAL PIPE HANGER DETAIL M-81 / SCALE: NOT TO SCALE

ROOFING -

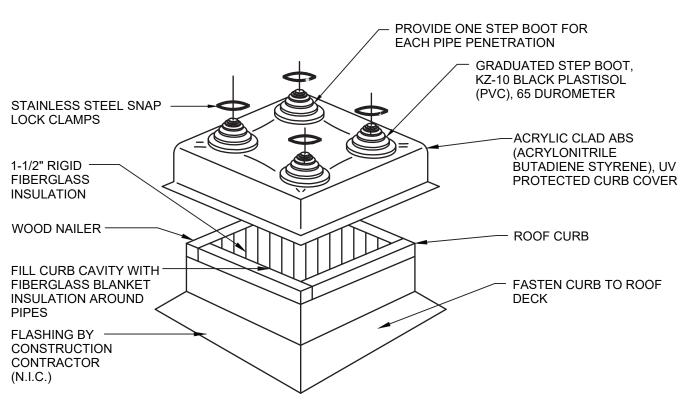
WOOD NAILER

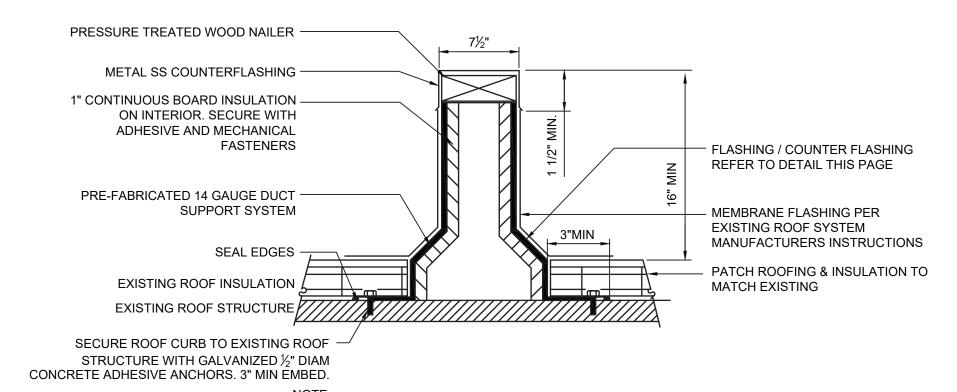
INSULATION-

DECK-

PRESSURE TREATED







1. ALL EXPOSED METAL OR WELDS SUSCEPTIBLE TO RUSTING TO BE PAINTED WITH COLD GALVANIZED COATING 2. CONTRACTOR TO INSTALL MEMBRANE FLASHING PER EXISTING

ROOFING SYSTEM MANUFACTURER'S INSTRUCTIONS AND TO MEET ANY EXISTING ROOF WARRANTY REQUIREMENTS. 3. CONTRACTOR TO VERIFY IN THE FIELD ALL EXISTING ROOF CONDITIONS AND DIMENSIONS PRIOR TO STARTING WORK.

4. MAINTAIN ROOF IN WEATHER TIGHT CONDITION DURING ENTIRE 5. CONTRACTOR TO PROVIDE TEMPORARY PROTECTION OF THE ROOF

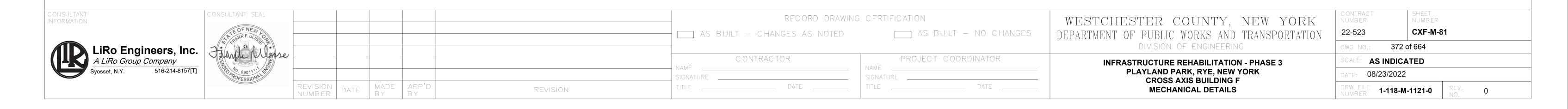
WITHIN THE AREA OF WORK THROUGHOUT CONSTRUCTION. 6. ANCHOR CONDENSER TO SUPPORTS WITH ½" STAINLESS STEEL GRADE 5 ANCHORS

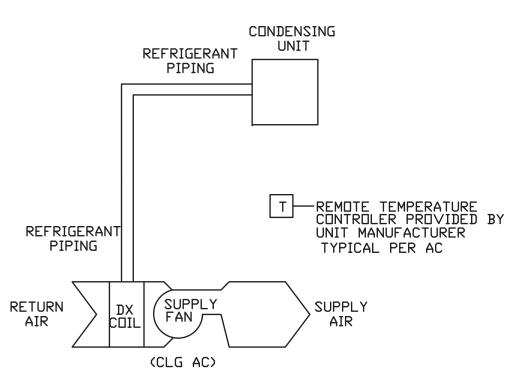
### MECHANICAL ROOF FAN/HOOD DETAIL M-81 / SCALE: NOT TO SCALE

1. BACKDRAFT DAMPER SHALL BE FULL SIZE OF OPENING IN ROOF DECK.



### MECHANICAL EQUIP RAILS DETAIL M-81 / SCALE: NOT TO SCALE

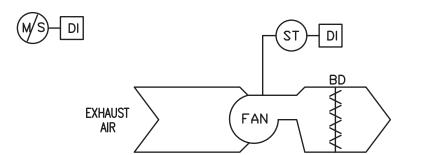




DUCTLESS SPLIT SYSTEMS - COOLING ONLY - SEQUENCE OF OPERATIONS:

- 1. THE SPLIT SYSTEM AIR COOLED (AC & CU) CONSISTS OF INDOOR UNIT (AC) WITH FAN AND EVAPORATOR COIL AND OUTDOOR CONDENSING UNIT (CU) WITH FAN, COMPRESSOR, AND REFRIGERATION SYSTEM CONTROL.
- 2. UNIT SHALL BE CONTROLLED WITH UNIT PROVIDED THERMOSTAT AND CONTROLLER.

# 1 DUCTLESS SPLIT SYSTEM M-91 SCALE: NOT TO SCALE



EXHAUST FAN - CONSTANT SPEED - SEQUENCE OF OPERATIONS:

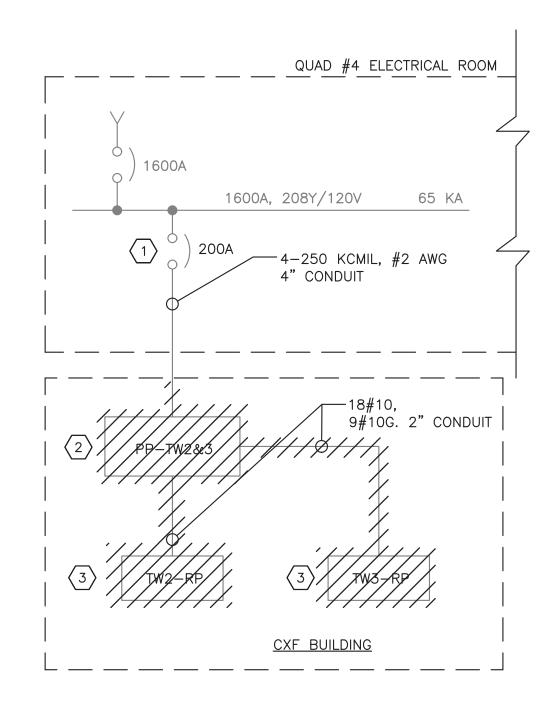
GENERAL: EACH EXHAUST FAN CONSISTS OF FAN, BACKDRAFT DAMPER, AND EC MOTOR CONTROLLER

EXHAUST FAN TO BE LOCALLY CONTROLLED FROM SWITCH MOUNTED ADJACENT TO FAN.

- 1. OCCUPIED MODE:
- a. THE EXHAUST FAN SHALL RUN AT A CONSTANT VOLUME WHEN SWITCHED ON.
- 3. UNOCCUPIED MODE:
- a. THE EXHAUST FAN SHALL BE OFF WHEN SWITCHED OFF.

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

C ONSULTANT INFORMATION	CONSULTANT SEAL					RECORD DRAWIN	G CERTIFICATION	WESTCHESTER COUNTY, NEW YORK	C ONTRACT NUMB ER	SHEET NUMBER
	TEOF NEW LOOP				AS E	BUILT - CHANGES AS NOTED	AS BUILT - NO CHANGES	DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION	22-523	CXF-M-91
LiRo Engineers, Inc	Finde Misse					CONTRACTOR	PROJECT COORDINATOR	INFRASTRUCTURE REHABILITATION - PHASE 3	DWG NO.:  SCALE: AS	373 of 664 S INDICATED
Syosset, N.Y. 516-214-8157[T	POFESSIONAL E	REVISION	DATE MADE APP'D BY BY	REVISION	SIGNATURE	DATE	SIGNATURE DATE	PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING F MECHANICAL CONTROLS		23/2022 1-118-M-1122-0 REV. 0



ONE LINE DIAGRAM — DEMOLITION

### NOTES:

- 1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
- 2. CONTRACTOR IS ADVISED, CONSTRUCTION FOR THIS BUILDING SHALL BE COORDINATED WITH THE CONSTRUCTION OF CXE BUILDING. SEE DRAWING CXF-E-04 AND CXE BUILDING POWER DRAWINGS FOR ADDITIONAL INFORMATION.
- 3. CONTRACTOR IS ADVISED THAT ALL EXISITING DISTRIBUTION CIRCUITS (PRESENTLY USED CIRCUITS) CONNECTED TO EXISTING PANEL PP-TW 2&3 SHALL BE EXTENDED, TO THE RELOCATED PANEL POSITION. FOR BIDDING PURPOSES ASSUME 23 CIRCUITS WILL NEED TO BE EXTENDED. PROVIDE FOR A TOTAL OF 500' OF 3/4" CONDUIT WITH 3 #12AWG. REFER TO CXF-E-04 FOR INCOMING FEEDER EXTENSION.
- 4. DISTRIBUTION CIRCUITS FOR EACH RELAY PANEL WILL NEED TO BE EXTENDED. REFER TO CXF-E-04 FOR ADDITIONAL INFORMATION.

### **KEY NOTES:**

- (1) EXISTING 200 AMP BREAKER TO REMAIN AND BE REUSED.
- (2) EXISTING PANEL PP-TW2 & 3 SHALL BE DISCONNECTED AND RELOCATED TO THE NEW ELECTRICAL ROOM LOCATED IN THE CXE BUILDING.
- TO THE NEW ELECTRICAL ROOM LOCATED IN THE CXE BUILDING.



REVISION

RECORD DRAWING CERTIFICATION AS BUILT — CHANGES AS NOTED

CONTRACTOR

TITLE \_\_\_\_\_ DATE \_\_\_\_

AS BUILT — NO CHANGES

PROJECT COORDINATOR

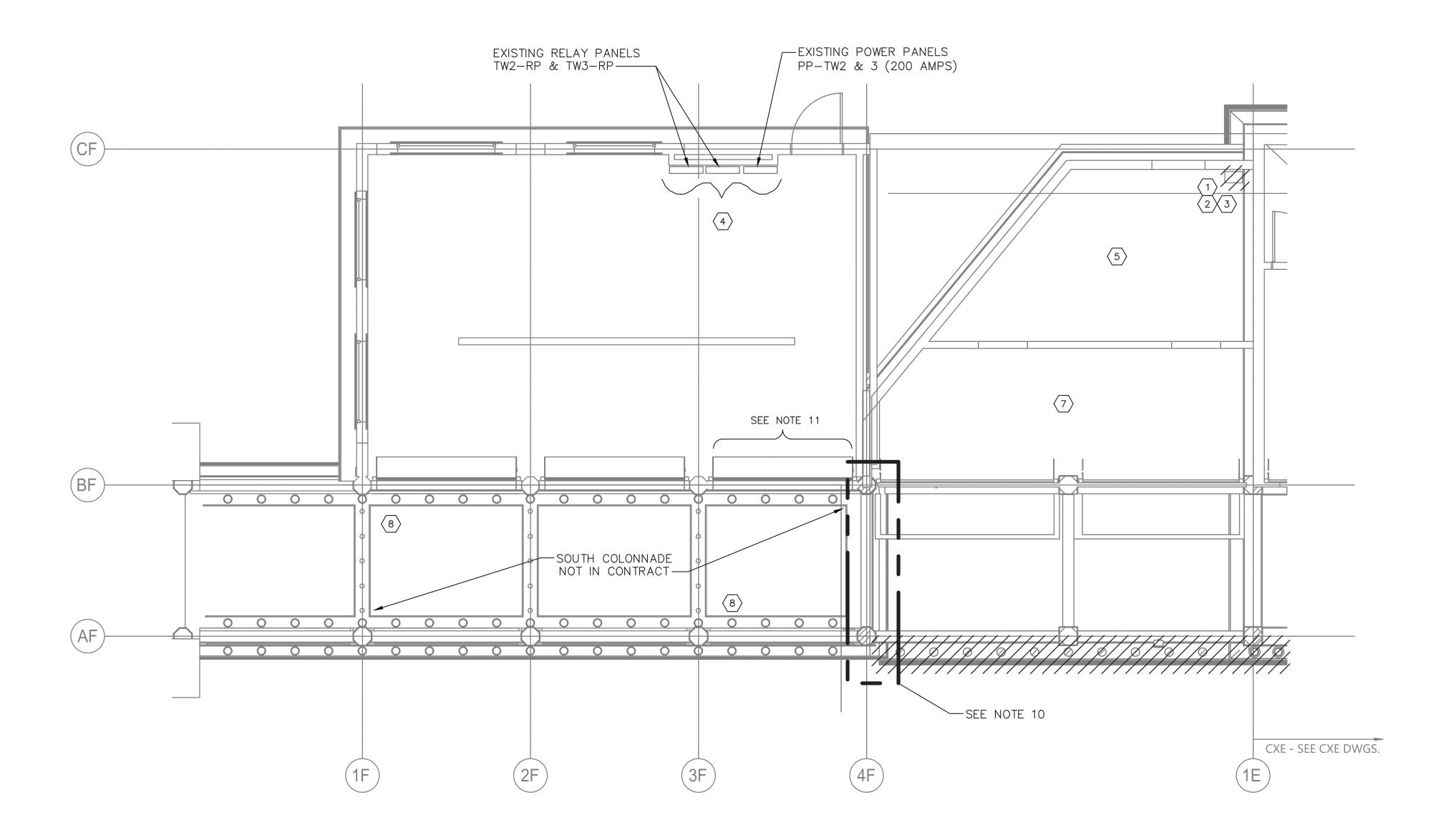
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION - PHASE 3** 

CONTRACT NUMBER SHEET NUMBER CXF-E-01 22-523

SCALE: AS SHOWN of 664 DATE: **8/23/2022** DPW FILE **1-118-E-1123-0** NUMBER

PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING F ONE LINE DIAGRAM - DEMOLITION





GROUND FLOOR DEMOLITION PLAN (CXF) SCALE = 1/4" = 1'-0"

Savin Engineers, P.C.

AS BUILT - CHANGES AS NOTED CONTRACTOR \_\_\_\_\_ DATE \_\_\_\_ REVISION

RECORD DRAWING CERTIFICATION

AS BUILT — NO CHANGES

PROJECT COORDINATOR

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

**INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING F **GROUND FLOOR DEMOLITION - POWER AND LIGHTING PLAN** 

6. EXISITING STRUCTURE BETWEEN COLUMN LINES 4F AND IE WILL BE DEMOLISHED IN ITS ENTIRETY BY OTHERS. SEE ARCHITECTURAL DRAWINGS. CONTRACTOR IS ADVISED:

a.STORAGE SPACE IN EXTREMELY POOR CONDITION. MISCELLANEOUS KITCHEN, VENDOR AND HVAC EQUIPMENT TO BE REMOVED BY OTHERS. CONTRACTOR SHALL DISCONNECT AND REMOVE ALL POWER CONDUIT AND CABLE LOCATED IN THIS SPACE. CONTRACTOR SHALL ASSUME (2) LIGHTING FIXTURES, (5) RECEPTACLES, AND 500 FEET OF 1" CONDUIT AND ASSOCIATED WIRING TO BE DEMOLISHED.

1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE

2. ALL REMOVED EQUIPMENT SHALL BE RETURNED TO OWNER UPON

3. DISCONNECT AND REMOVE ALL ASSOCIATED LIGHTING POWER AND

RECEPTACLE AND LIGHTING FIXTURES SHOWN SHALL ASSUME TO BE 3/4" CONDUIT WITH 2 #12 & 1 #12G, UNLESS OTHERWISE

5. CONTRACTOR SHALL DEMOLISH ALL EXISTING JUNCTION BOXES AND ALL ASSOCIATED CONDUITS, WIRES AND APPURTENANCES. FOR BIDDING PURPOSES, ASSUME 1000 FEET 1"C, 3 #12 & 1 #12G.

CONTROL WIRE AND CONDUIT BACK TO SOURCE.

4. ALL ASSOCIATED CIRCUITING TO BE DEMOLISHED FOR ALL

REQUEST. OTHERWISE, ALL REMOVED MATERIAL SHALL BE LEGALLY

NOTES:

DRAWING GE-E-01.

DISPOSED OF.

b.SMALL GAMES VENDOR AREA. CONTRACTOR SHALL ASSUME (6) LIGHTING FIXTURES, (3) RECEPTACLES AND 300 FEET OF 3/4" CONDUIT AND ASSOCIATED WIRING TO BE DEMOLISHED.

7. EXISITING PANEL ARRAY TO BE RELOCATED UNDER THIS CONTRACT. SEE DRAWING CXF-E-04 FOR MORE INFORMATION.

8. SOUTH COLONNADE RENOVATION COMPLETED UNDER SEPARATE CONTRACT. CARE SHALL BE TAKEN TO PROTECT EXISTING STRUCTURE, LIGHTING, ARCHITECTURAL DECORATIVE AND HISTORICAL FINISHES, ETC. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

9. EXISTING LIGHTING AND ALL ASSOCIATED CIRCUITING SHALL BE REMOVED. ASSUME 14 LED FIXTURES AND ASSOCIATED SWITCHING TO BE REMOVED.

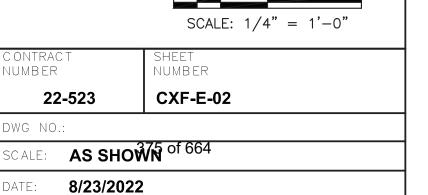
10. CONTRACTOR IS ADVISED THIS AREA WILL BE EXPANDED WITH NEW LIGHTING AND WILL BE CONNECTED INTO THE EXISTING SOUTH COLONNADE LIGHTING.

11. DISCONNECT EXISTING CIRCUITS FOR 1 ROLL-UP DOOR. DOOR WILL BE TEMPORARILY REMOVED OR PROTECTED AND PLACED BACK INTO THE NEW CONSTRUCTION. EXISTING CIRCUITS WILL BE REUSED AND EXTENDED TO RELOCATED PANEL LOCATION IN THE CXE BUILDING.

	DEMOLITION LEGEND
1	RECEPTACLE
2	LIGHT SWITCH
3	36 CKT PANEL (GLEN'S GAME - 225 AMPS)
4	EXISITNG PANEL ARRAY (SEE NOTE 7)
5	SEE NOTE 6A
6	MECHANICAL EQUIPMENT (REMOVED BY OTHERS) DISCONNECT AND REMOVE POWER
7	SEE NOTE 6B
8	SEE NOTE 8
9	COMPRESSOR SWITCH
10	UNIT HEATER
11	UNIT HEATER THERMOSTAT

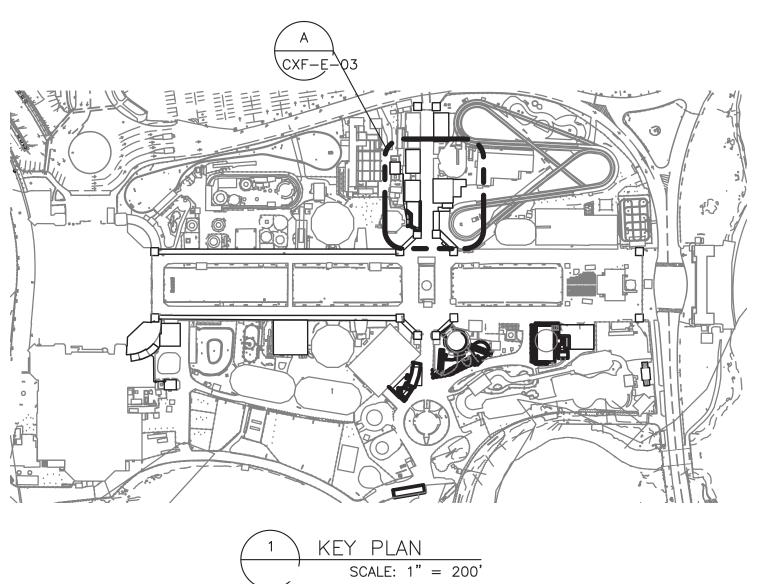
CONTRACI NUMBER

DPW FILE **1-118-E-1124-0** 



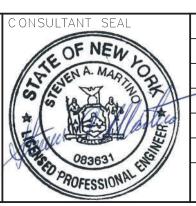
### NOTES:

- 1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
- 2. EXISTING DUCTBANK FOR POWER TO EXISTING PANEL PP-TW2 & TW3 FOR REFERENCE. UNDERGROUND RUN HAS 2-4" CONDUITS AND 2'-2" CONDUITS. OF THE 4 INCH CONDUITS, ONE IS A SPARE AND THE OTHER IS A FEEDER CIRCUIT (4-250 KCMIL & 1#2 GND.). BOTH 4" CONDUITS STUB UP THROUGH THE FLOOR OF CXF BUILDING.
- 3. EXISTING PP-TW2 & 3 FEEDER SHALL REMAIN AND BE REUSED. FEEDER SHALL BE EXTENDED TO ACCOMODATE THE EXISTING PANEL RELOCATIONS.



SCALE: 1" = 200' - 0"





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CONTRACTOR

RECORD DRAWING CERTIFICATION

AS BUILT — NO CHANGES

PROJECT COORDINATOR

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

INFRASTRUCTURE REHABILITATION - PHASE 3 PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING F SITE DUCTBANK PLAN

CONTRACT NUMBER	SHEET NUMBER
22-523	CXF-E-03
DWG NO.:	
SCALE: AS SHO	<b>76</b> of 664
DATE: <b>8/23/2022</b>	

DPW FILE **1-118-E-1125-0** 

### NOTES:

- 1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
- 2. CONTRACTOR IS ADVISED THAT THREE PANELS (1-POWER & 2-RELAY) SHALL BE DISCONNECTED AND RELOCATED TO ELECTRICAL ROOM LOCATED IN CXE BUILDING. THIS INCLUDES THE NEED TO EXTEND EXISITING FEEDER AND BRANCH CIRCUIT WIRING AS WELL. BRANCH CIRCUIT WIRING FOR TW2-RP AND TW3-RP WILL BE SHOWN ON ONE LINE DIAGRAM. FOR EXISITING PANEL PP-TW2 & 3 BRANCH CIRCUIT WIRING CONTRACTOR SHALL ASSUME 23 CIRCUITS WILL BE EXTENDED FOR A TOTAL OF 500' OF 3/4" CONDUIT WITH 3 #12 AWG WIRE. CONTRACTOR SHALL DETERMINE THE INTERCEPTION POINT OF EXISTING CONDUIT RUNS IN THE FIELD.
- 3. CONTRACTOR SHALL TRACE OUT, LABEL AND DISCONNECT ALL WIRE AND CABLE FROM THE 3 PANELS. EXISITING WIRE AND CABLES SALL BE MAINTAINED AND BE REUSED. EXISITING WIRE/CABLE SHALL BE SPLICED IN NEW RECESSED FLOOR MOUNTED HANDHOLES.
- 4. EXACT WIRING FOR EXISITING RELAY PANELS SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD. CONTRACTOR SHALL ASSUME THAT EXISTING FEEDER CONDUITS AND DISTRIBUTION CONDUITS ARE BURIED 30" BELOW FINISHED FLOOR. EXISTING BUILDING CONCRETE FLOOR AND ASSOCIATED DIRT FILL WILL NEED TO BE REMOVED AND EXCAVATED TO EXPOSE EXISTING CONDUITS LOCATED UNDER THE GRADE BEAMS. NEW HANDHOLES SHALL BE INSTALLED TO INTERCEPT THE EXISTING CONDUIT AND ASSOCIATED WIRE AND CABLES. CONTRACTOR SHALL REFER TO THE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION. SPLICE EXISTING WIRE AND CABLE AND EXTEND TO RELOCATED POSITION OF EXISTING PANELS.

### **KEY NOTES:**

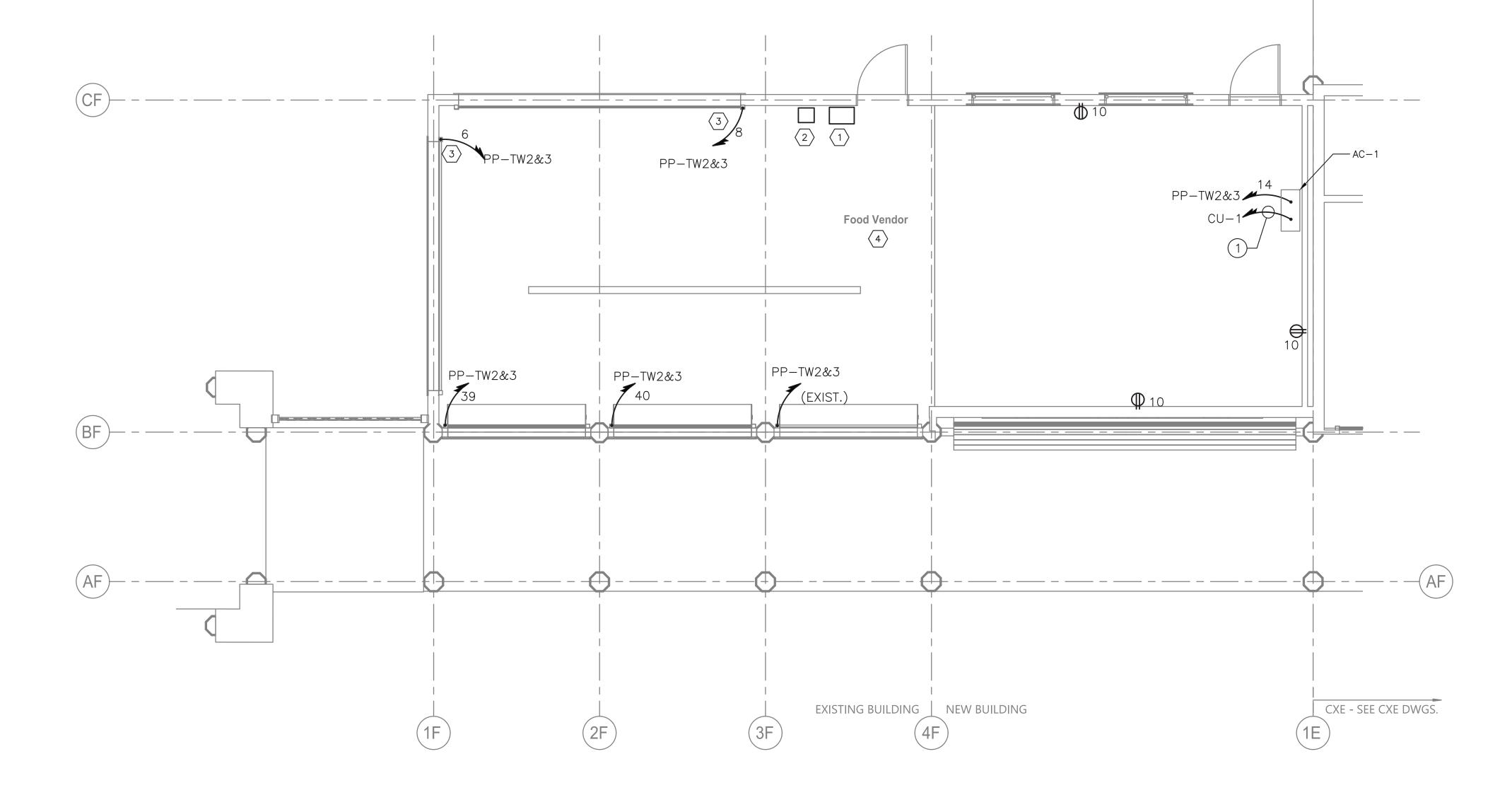
- $\langle 1 \rangle$  OLD LOCATION FOR PP-TW2&3, TW-RP & TW3-RP.
- 2 PHANTOM LOCATIONS OF EXISTING CONDUIT AND WIRE TO BE REMOVED.
- NEW RECESSED HANDHOLE ESTIMATED SIZE IS 24"X24"X30" DEEP. PROVIDE WITH BOLTED, GASKETED COVER AND SHALL BE INSTALLED FLUSH WITH NEW FLOOR. NEW FLOOR SHALL MATCH EXISTING. PROVIDE FOR ALL WATERTIGHT SPLICES AND EXTEND WITH NEW WIRE TO RELOCATED RELAY PANELS. EXACT SIZE OF HANDHOLE CAN BE ADJUSTED BY THE CONTRACTOR TO SUIT FIELD CONDITIONS AS NECESSARY. CONTRACT SHALL DETERMINE FINAL POSITIONS AS WELL.
- NEW RECESSED HANDHOLE. ESTIMATED SIZE IS 24"X30"X30" DEEP. PROVIDE WITH BOLTED, GASKETED COVER AND SHALL BE INSTALLED FLUSH WITH NEW FLOOR. NEW FLOOR SHALL MATCH EXISTING. PROVIDE FOR ALL WATERTIGHT SPLICES AND EXTEND WITH NEW CABLE TO RELOCATED POWER PANEL. EXACT SIZE OF HANDHOLE CAN BE ADJUSTED BY THE CONTRACTOR TO SUIT FIELD CONDITIONS AS NECESSARY. CONTRACT SHALL DETERMINE FINAL POSITIONS AS WELL.
- (5) EXISTING CONDUITAND WIRE TO TW2 & TW3.
- 6 INCOMING PP-TW2&TW3 FEEDER (AND SPARE FROM QUAD #4 ELECTRICAL ROOM.
- 7 PVC TO METAL COUPLING.

	CONDUIT AND WIRE LEGEND
NO.	DESCRIPTION
1	4"C, 4-250KCMIL & 1#2GND
2	4"C, SPARE WITH PULL ROPE
3	1 1/2"C, 16 # 10 & 8 #10GNDS.
4	1 1/2"C, SPARE WITH PULL ROPE
5	1 1/2°C, 3 #14
6	1 1/2"C, 16 # 10 & 8 #10 GNDS.
7	1 1/2"C, SPARE WITH PULL ROPE
8	1 1/2°C, 3 #14

CONTRACI NUMBER SHEET NUMBER RECORD DRAWING CERTIFICATION WESTCHESTER COUNTY, NEW YORK AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION CXF-E-04 22-523 DIVISION OF ENGINEERING SCALE: AS SHOWN of 664 CONTRACTOR PROJECT COORDINATOR **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK 8/23/2022 Savin Engineers, P.C. **CROSS AXIS BUILDING F** \_\_\_\_\_ DATE \_\_\_ ONE LINE DIAGRAM DPW FILE **1-118-E-1126-0** REVISION NUMBER

rojectname: 211001F02 Comments: ———
MGodby Date: 29 August 2022 7:57 AM Designed by: ———
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GROUND FLOOR POWER PLAN (CXF) SCALE = 1/4" = 1'-0"

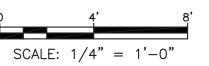
### NOTES:

- 1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
- 2. ALL RECEPTACLE DESIGNATORS ARE POWERED VIA PANEL PP-TWR2&3.
- 3. ALL CIRCUITS SHOWN ON THE DRAWING, BUT NOT SPECIFICALLY CALLED OUT ON THE CONDUIT AND WIRE LEGEND SHALL BE 3/4" CONDUIT WITH 2#12 & 1#12 GND.
- 4. FOR PANEL SCHEDULE, SEE DRAWING CXF-E-08

### KEY NOTES:

- 1 RECESSED POWER HANDHOLE. LOCATION OF FEEDER CIRCUIT AND SPARE CONDUIT. SEE DRAWING CXF-E-04 FOR ADDITIOONAL INFORMATION.
- PRECESSED RP HANDHOLE. LOCATION OF TW2 & TW3 BRANCH CIRCUIT WIRING. SEE DRAWING CXF-E-04 FOR ADDITIONAL INFORMATION
- 3 APPROXIMATE LOCATION OF MOTOR FOR NEW ROLL-DOWN DOOR. CONTRACTOR SHALL CONFIRM MOTOR LOCATION IN THE FIELD. CONTRACTOR SHALL PROVIDE 30 AMP, 2 POLE DISCONNECT SWITCH AT ROLL-UP DOOR MOTOR.
- (4) EXISTING RECEPTACLES IN FOOD VENDOR AREA TO REMAIN AND BE RECIRCUITED VIA EXISTING CIRCUITS.

CON	IDUIT AND WIRE LEGEND
NO.	DESCRIPTION
1	3/4"C, FOR CONTROL WIRING





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	REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	TITLE

RECORD DRAWING CERTIFICATION AS BUILT — CHANGES AS NOTED

CONTRACTOR

AS BUILT — NO CHANGES

PROJECT COORDINATOR

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK

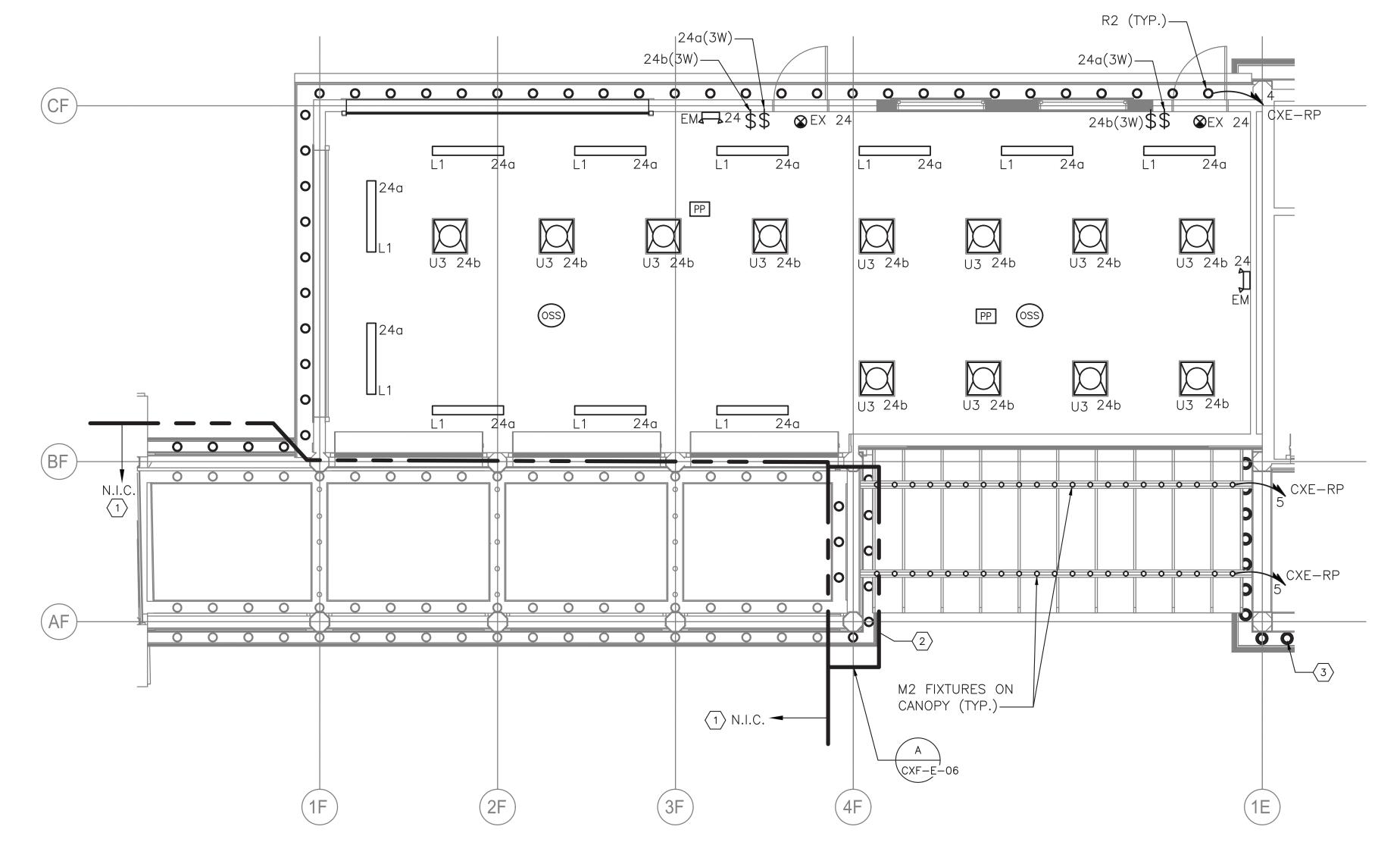
CONTRACI NUMBER SHEET NUMBER CXF-E-05 22-523 SCALE: AS SHOWN of 664

CROSS AXIS BUILDING F **GROUND FLOOR POWER PLAN** 

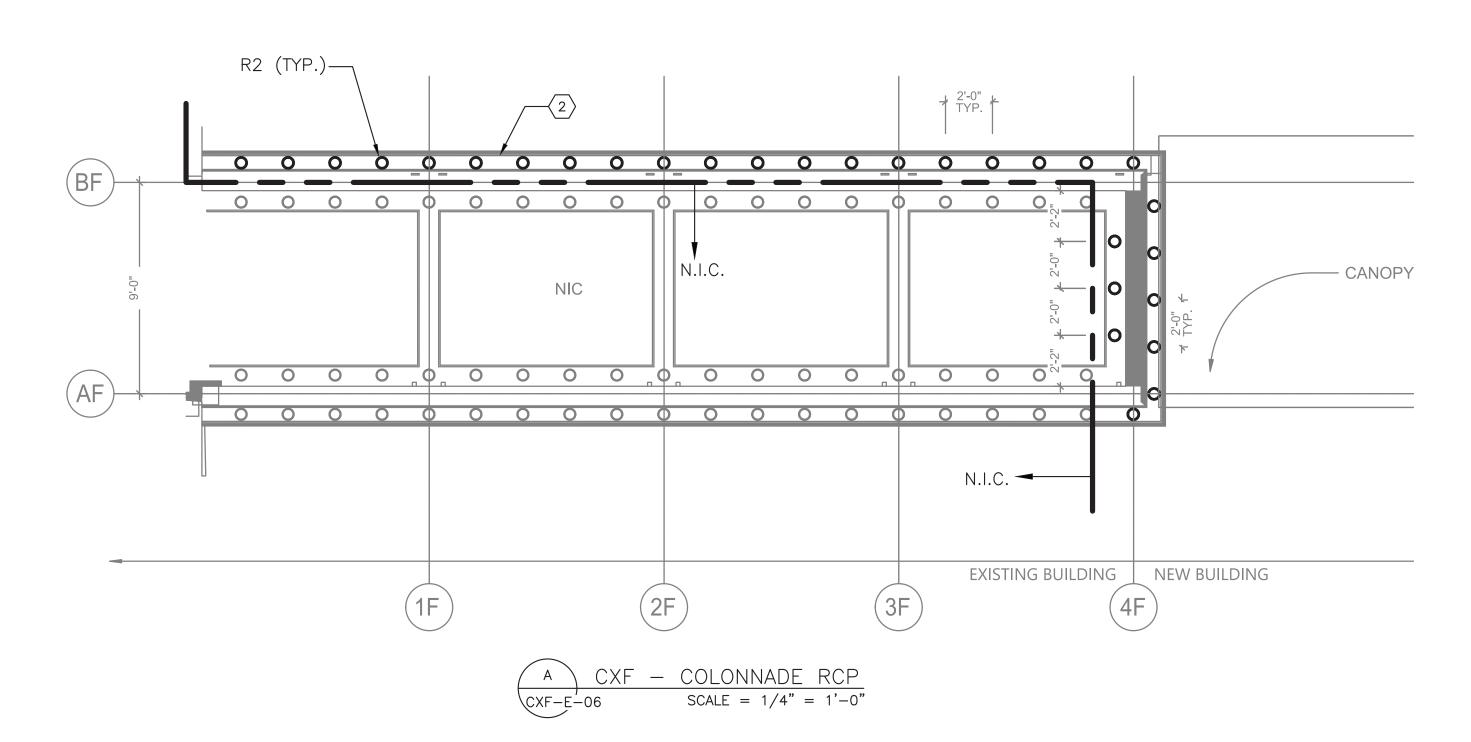
WESTCHESTER COUNTY, NEW YORK

DATE: **8/23/2022** DPW FILE **1-118-E-1127-0** 





### GROUND FLOOR LIGHTING PLAN SCALE = 1/4" = 1'-0"



REVISION

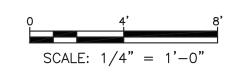
### NOTES:

- 1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
- 2. ALL INTERIOR LIGHTING IS POWERED VIA PANEL PP-TW2&3, UNLESS NOTED OTHERWISE. CONTRACTOR SHALL CIRCUIT LIGHTING FIXTURES WITH 3/4" CONDUIT WITH 2#12 & 1#12GND.
- 3. EXIT SIGNS SHALL BE WIRED TO THE UN-SWITCHED LEG OF THE DESIGNATED CIRCUIT.
- 4. EMERGENCY FIXTURES SHALL BE WIRED TO THE UN-SWITCHED LEG OF THE DESIGNATED CIRCUIT.
- 5. ALL IN-CONTRACT EXTERIOR LIGHTING SHALL BE CIRCUITED TO RELAY PANEL CXE-RP. CONTRACTOR SHALL CIRCUIT LIGHTING FIXTURES WITH 3/4" CONDUIT WITH 2#10 & 1#10GND, UNLESS NOTED OTHERWISE. CONTRACTOR SHALL DAISY—CHAIN ALL EXTERIOR LIGHT FIXTURES WITH SAME CIRCUIT NUMBER BACK TO RELAY PANEL CXE-RP.
- 6. FOR LIGHTING PANEL SCHEDULE, REFER TO DRAWING CXF-E-08.
- 7. NUMBER DESIGNATORS NEXT TO FIXTURES AND/OR CONTROLS INDICATE CIRCUIT NUMBERS.
- 8. ALL LIGHTING CONTROL COMPONENTS SHALL BE FROM A SINGLE MANUFACTURER, AND MUST BE FROM THE SAME MANUFACTURER FOR ALL BUILDINGS WITHIN THE CONTRACT AND AS PROVIDED ELSEWHERE AT THE PLAYLAND FACILITY.
- 9. LIGHTING CONTROLS SELECTED SHALL HAVE THE CAPABILITY TO BE CONNECTED TO A MASTER HEAD-END SYSTEM (FUTURE CONTRACT).
- 10. SEE DRAWING CXE-E-09 FOR EXTERIOR LIGHTING CONTROL.

### **KEY NOTES:**

- (1) LIGHTING IS PRESENTLY INSTALLED AND CIRCUITED. HOWEVER, DUE TO THE RELOCATION OF THE EXISTING RELAY PANELS, CONTRACTOR SHALL EXTEND CIRCUITS AS NECESSARY FOR RECONNECTION.
- 2 EXISTING COLONNADE IS BEING EXTENDED UNDER THIS CONTRACT. THIS REQUIRES NEW FIXTURES TO BE INSTALLED AS SHOWN ON THE COLONNADE REFLECTED CEILING PLAN. INTERCEPT EXISTING COLONNADE LIGHTING CIRCUITING AND ADD NEW FIXTURES TO SAID CIRCUIT. REFER TO ARCHITECTURAL DRAWINGS.
- 3 THIS LIGHTING CIRCUITING IS SHOWN ON THE CXE BUILDING DRAWINGS FOR MORE INFORMATION.

	LIGHTING CONTROL LEGEND
SYMBOL	DESCRIPTION
OSS	OCCUPANCY / VACANCY SENSOR — SMALL MOTION, DUAL TECHNOLOGY (PASSIVE INFRARED/MICROPHONICS) ACUITY BRANDS, nLIGHT SYSTEM CATALOG NUMBER: nCM-PDT-9-RJB OR APPROVED EQUAL
12 PP	POWER / RELAY PACK — 120V RATED SELF CONTROLLED RELAY SWITCH, EQUIPPED WITH RJ45, PLENUM RATED, CONFIGURATIVE RELAY LOGIC ACUITY BRANDS, nLIGHT SYSTEM CATALOG NUMBER: nPP16—D—EFP—SA OR APPROVED EQUAL.
\$	120V RATED LIGHTING SINGLE POLE SWITCH
RP	RELAY TIME CONTROL PANEL PROGRAMMABLE ZONE CONTROL PANEL UP TO 1 ADDRESS PER RELAY/DIMMING OUTPUT EQUIPPED WITH 0-10V DIMMING OUTPUT PER RELAY CATALOG NUMBER: ARP INTENCO8NLT-16SR-MVOLT-1VB-HLK-S-DTC OR APPROVED EQUAL
PS	ANALOG PHOTOCELL — PHOTOSENSOR SUITABLE FOR OUTDOOR APPLICATIONS.  CATALOG NUMBER: LSA—APS—OL OR APPROVED EQUAL
n POD	RELAY TIME CONTROL PANEL PROGRAMMABLE ZONE CONTROL PANEL UP TO 1 ADDRESS PER RELAY/DIMMING OUTPUT EQUIPPED WITH 0-10V DIMMING OUTPUT PER RELAY CATALOG NUMBER: LSA-APS-OL OR APPROVED EQUAL









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REVISION NUMBER

RECORD DRAWING CERTIFICATION AS BUILT - CHANGES AS NOTED

CONTRACTOR

\_\_\_\_\_ DATE \_\_\_\_

AS BUILT - NO CHANGES

PROJECT COORDINATOR

DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING F

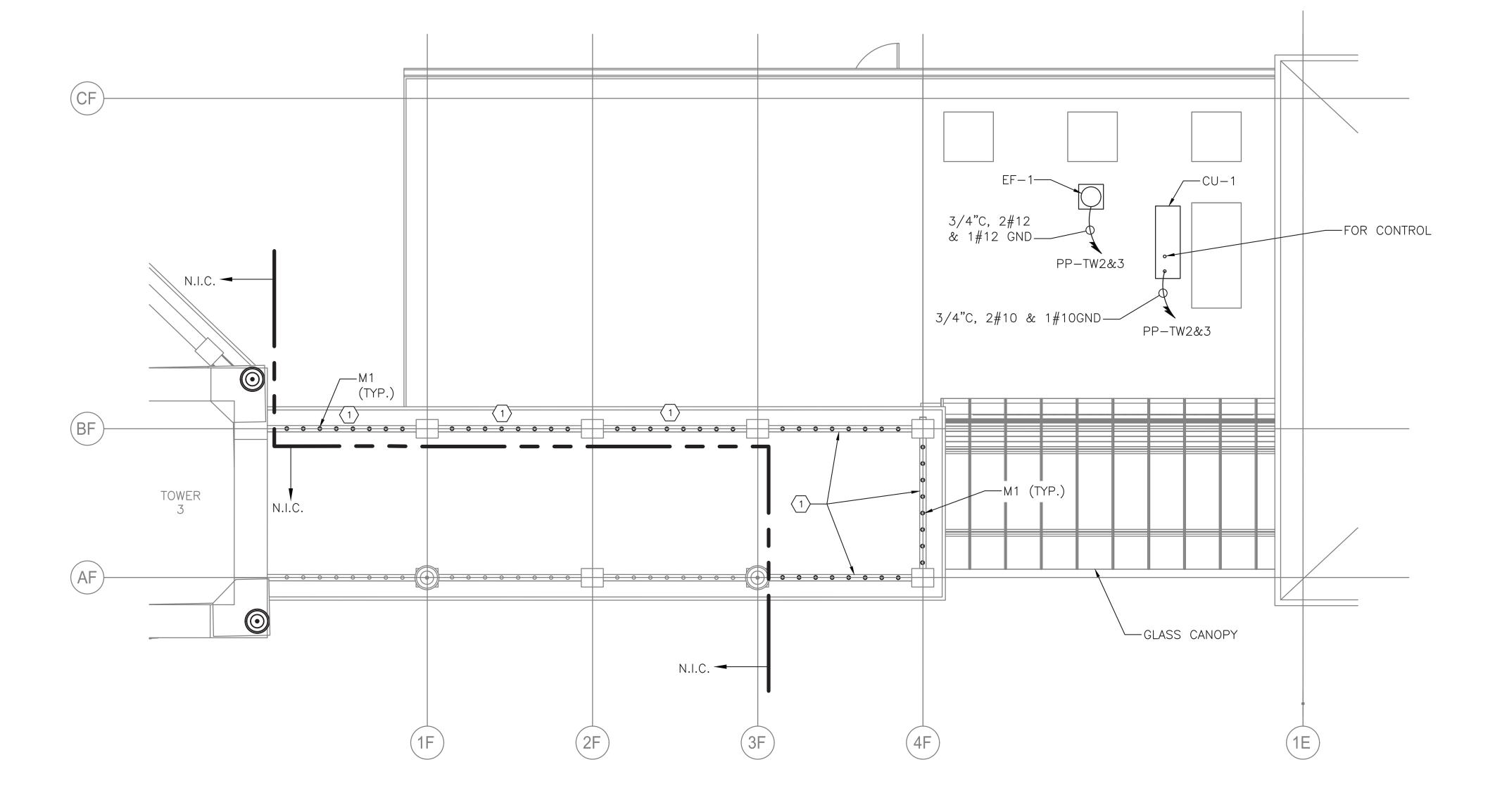
WESTCHESTER COUNTY, NEW YORK

**GROUND FLOOR - LIGHTING PLAN** 

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

CONTRAC' NUMBER SHEET NUMBER 22-523 CXF-E-06 DWG NO.: SCALE: AS SHOWN of 664 DATE: **8/23/2022** DPW FILE **1-118-E-1128-0** 





ROOF LEVEL - POWER AND LIGHTING PLAN SCALE = 1/4" = 1'-0"

### NOTES:

- 1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
- 2. ALL ROOF PENETRATIONS SHALL BE WATERPROOF. PENETRATION COMPONENTS FOR CONDUIT SHALL BE SUITABLE AND COMPATIBLE FOR INSTALLED ROOF. SEE ARCHITECTURAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- 3. CONTRACTOR SHALL COORDINATE ALL REQUIRED DISCONNECTING MEANS WITH HVAC CONTRACTOR.
- 4. EXHAUST FAN STARTERS SHALL BE FURNISHED BY THE EXHAUST FAN MANUFACTURER. FOR EXHAUST FAN STARTER REQUIREMENTS, SEE HVAC CONTRACT DRAWINGS AND SPECIFICATIONS.

### KEY NOTES:

(1) CONNECT NEW REQUIRED M1 FIXTURES INTO EXISTING SOUTH COLONNADE LIGHTING CIRCUIT.



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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	TITLE
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RECORD DRAWING CERTIFICATION \_\_\_ AS BUILT — CHANGES AS NOTED

AS BUILT — NO CHANGES PROJECT COORDINATOR

DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING F **ROOF LEVEL - POWER & LIGHTING PLAN** 

WESTCHESTER COUNTY, NEW YORK

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

CONTRACT NUMBER	SHEET NUMBER
22-523	CXF-E-07
DWG NO.:	
SCALE: AS SHOW	80 of 664
DATE: <b>8/23/2022</b>	

DPW FILE **1-118-E-1129-0** NUMBER

LOCATION: ELECTRICAL ROOM OF CXE PANELBOARIPP-TW 2&3 3 POLES **MOUNTING: NEMA RATING** 225 AMP BUS RATING 200 AMP MAIN BREAKER 42 KA SHORT CIRCUIT RATING **ELECTRONIC GRADE:** 208Y/120 **VOLTS** 3 PHASE 4 WIRE BREAKER LOAD KVA DESCRIPTION LOAD KVA BREAKER CIRCUIT PHASE PHASE PHASE AMPS/ PHASE PHASE PHASE AMPS/ CIRCUIT **POLES** NO. DESCRIPTION POLES NO. 2 EXISTING RECEPTACLES 1 TW2 LTG (EXISTING CIRC.) 20/1 20/1 1 3 TW2 LTG (EXISTING CIRC.) 4 EXISTING RECEPTACLES 20/I 20/1 5 TW2 LTG (EXISTING CIRC.) 20/1 6 ROLL-UP DOOR 7 | TW2 LTG (EXISTING CIRC.) 8 ROLL-UP DOOR 20/I 10 RECEPTACLES 9 TW2 LTG (EXISTING CIRC.) 0.5 20/1 12 SPARE 11 TW2 LTG (EXISTING CIRC.) 20/I 13 TW2 LTG (EXISTING CIRC.) I4 0.I 15/2 AC-1 15 TW2 LTG (EXISTING CIRC.) 16 0.1 20/1 17 TW2 RELAY POWER (EXISTING) 18 I.5 25/2 CU-1 19 TW3 LTG (EXISTING CIRC.) 20 I.5 22 EF-I 2I TW3 LTG (EXISTING CIRC.) 15/I 0.1 23 TW3 LTG (EXISTING CIRC.) 20/I 24 | LIGHTING 0.5 25 TW3 LTG (EXISTING CIRC.) 26 SPACE 28 SPACE 27 TW3 LTG (EXISTING CIRC.) 29 TW3 LTG (EXISTING CIRC.) 30 SPACE 31 TW3 LTG (EXISTING CIRC.) 20/1 32 SPACE 33 | TW3 LTG (EXISTING CIRC.) 34 SPACE 36 SPACE 35 TW3 RELAY POWER 38 SPACE 37 EXIST ROLL-UP DOOR 39 NEW ROLL-UP DOOR 20/I 40 SPACE 42 | SPACE 41 NEW ROLL-UP DOOR 20/1 1 2.6 0.7 3 TOTAL PHASE KVA THIS SIDE TOTAL PHASE KVA THIS SIDE 2.6 0.7 3 TOTAL KVA PER PHASE 6.3 TOTAL THREE PHASE KVA NOTES: NOTES CONT.: 1. EXACT CIRCUITING FOR EXISTING CIRCUITS SHALL BE DETERMINED BY THE CONTRACTOR

NOTES:

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

Savin Engineers, P.C.

IN THE FIELD. ODD NUMBERED CIRCUITS, AND CIRCUITS 2 & 4 SHALL USED FOR EXISTING LOAD

2. ALL EVEN CIRCUITS, STARTING WITH # 6 SHALL BE CONSIDERED NEW

3. FUTURE STANDARD AMUSEMENTS LOADS

REVISION

RECORD DRAWING CERTIFICATION AS BUILT - CHANGES AS NOTED

AS BUILT — NO CHANGES

PROJECT COORDINATOR

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

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

CONTRACT NUMBER	SHEET NUMBER
22-523	CXF-E-08
DWG NO.:	
SCALE: AS SHOW	81 of 664

DATE: **8/23/2022** 

DPW FILE **1-118-E-1130-0** 

PANEL SCHEDULES

### **FIRE ALARM GENERAL NOTES:**

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

### **FIRE ALARM CONSTRUCTION NOTES:**

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

### **SCOPE OF WORK:**

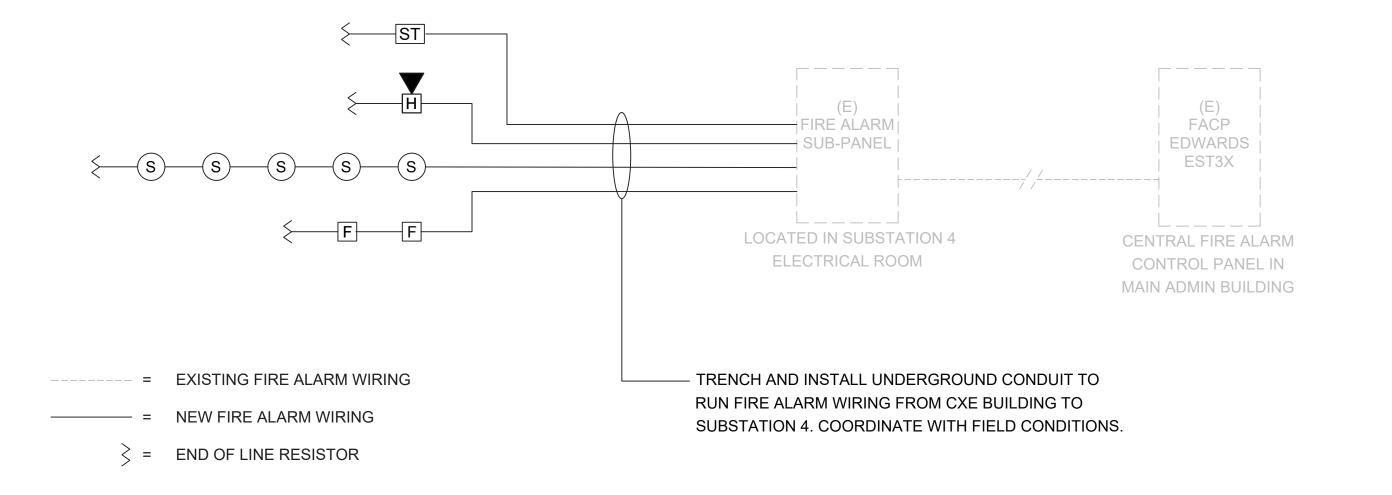
- DEMOLISH EXISTING FIRE ALARM DEVICES AND ASSOCIATED WIRING BACK TO SOURCE.
- INSTALL NEW FIRE ALARM DEVICES AS PER DRAWINGS. PROVIDE ALL NECESSARY WIRING, CONNECTIONS, CONDUIT, AND FITTINGS.
- 3. NEW FIRE ALARM DEVICES AND SIGNAL WIRING SHALL BE CONNECTED TO THE EXISTING "QUAD 4" FIRE ALARM PANEL.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

### FIRE ALARM SYSTEM RISER NOTES:

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

	FIRE ALARM LEGEND:
SYMBOL	DESCRIPTION
FA	FIRE ALARM SUB PANEL
S	SMOKE DETECTOR
$\oplus$	HEAT DETECTOR
F	MANUAL FIRE ALARM PULL STATION
#	FIRE ALARM WALL MOUNTED HORN/STROBE # = CANDELA RATING
FCO	FUSED CUT OUT SWITCH/FUSED LOCKABLE DISCONNECT SWITCH
ST #	WALL MOUNTED STROBE # = CANDELA RATING
$\Diamond$	FLOW SWITCH CONNECTED TO FIRE ALARM SYSTEM
GV	SPRINKLER VALVE TAMPER SWITCH CONNECTED TO FIRE ALARM SYSTEM
<u> </u>	DUCT MOUNTED SMOKE DETECTOR
FSR	FIRE ALARM INTERFACE RELAY FOR HVAC FAN SHUTDOWN

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



### GROUND FLOOR

### NOTES

1. WIRING SHOWN ON RISER IS DIAGRAMMATICAL. PROVIDE NEW FIRE ALARM CABLE AS REQUIRED AND INSTALL WIRING LOOPS AS BEST SUITED FOR FIELD CONDITIONS.

2. THE BUILDING IS FULLY SPRINKLERED.



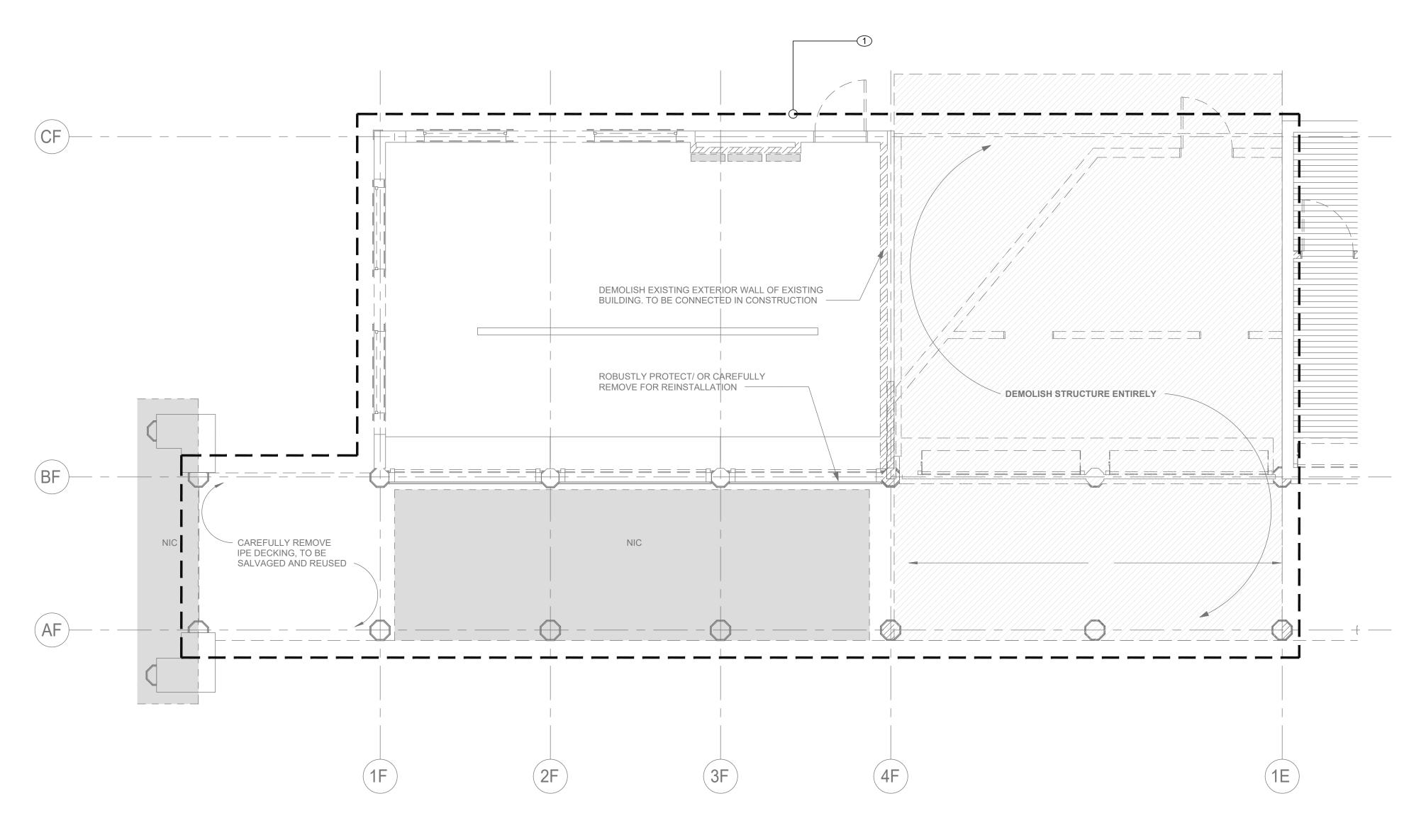
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			Contro	ol Unit	Annun	ciation					1	Votificati	on				Su	pp.
		ACTUATE COMMON ALARM SIGNAL	ACTUATE AUDIBLE ALARM SIGNAL	INDICATE COMMON SUPERVISORY STATUS	ACTUATE AUDIBLE SUPERVISORY SIGNAL	INDICATE COMMON TROBLE SIGNAL	ACTUATE AUDIBLE COMMON TROUBLE SIGNAL	ACTIVATE HORNS AND STROBES THROUGHOUT THE PROTECTED AREA	DISPLAY/PRINT CHANGE OF STATUS	TRANSMIT AUTOMATIC ALARM SIGNAL TO SUPERVISING STATION	TRANSMIT MANUAL ALARM SIGNAL TO SUPERVISING STATION	TRANSMIT WATERFLOW ALARM SIGNAL TO SUPERVISING STATION	TRANSMIT SUPERVISORY SIGNAL TO SUPERVISING STATION	TRANSMIT CO ALARM SIGNAL TO SUPERVISING STATION	TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION	ACTIVATE TEMPORAL 4 SIGNAL ON ACTIVATED CO DETECTOR SOUNDER BASES	SHUT DOWN CO PRODUCING EQUIPMENT	SHUT DOWN FANS/AIR HANDLING UNITS
_	EVENT	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	Р	Q
•	ACTIVATION OF MANUAL PULL STATION	X	Х					X	X		X							
	ACTIVATION OF SMOKE DETECTOR	X	X					X	X	X								Χ
	ACTIVATION OF DUCT MOUNTED SMOKE DETECTOR	X	X					X	Х	X								Χ
4	ACTIVATION OF HEAT DETECTOR	X	Χ					X	Χ	X								X
5	WATERFLOW SWITCH FOR FIRE SPRINKLER SYSTEM	Х	Х					Х	Х			Х						Х
3	ACTIVATION OF CARBON MONOXIDE DETECTOR			Х	Х			Х	Х					Х		Х	Х	
7	SPRINKLER VALVE (TAMPER SWITCH)			Х	Х				Х				Х					
3	FIRE ALARM LOSS OF PRIMARY/SECONDARY POWER					Х	Х		Х						Х			
9	FIRE ALARM SYSTEM WIRING FAILURE					Х	Х		Х						Х			

# FIRE ALARM SEQUENCE OF OPERATIONS MATRIX SCALE: NOT TO SCALE

ONSULTANT SEAL RECORD DRAWING CERTIFICATION WESTCHESTER COUNTY, NEW YORK NUMBER 22-523 CXF-FA-01 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION AS BUILT - NO CHANGES AS BUILT — CHANGES AS NOTED DIVISION OF ENGINEERING 382 of 664 PROJECT COORDINATOR CONTRACTOR As indicated **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK 08/23/2022 CROSS AXIS BUILDING F MADE APP'E FIRE ALARM NOTES, SYMBOLS, LEGEND, AND RISER DIAGRAM REVISION 1-118-FA-1131-0

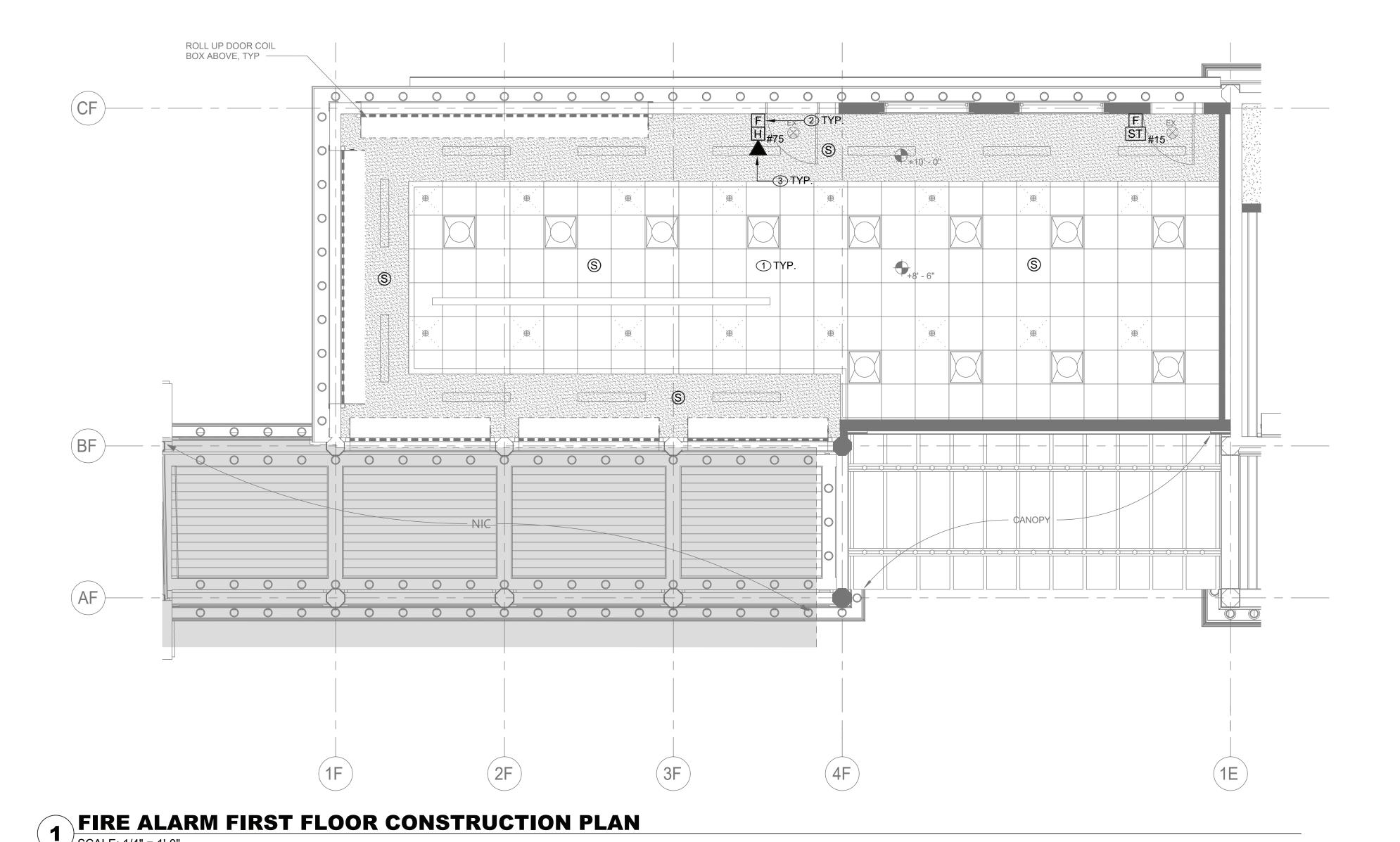
### FIRE ALARM DEMOLITION NOTES:

1 ALL EXISTING FIRE ALARM DEVICES IN THE AREA OF WORK SHALL BE REMOVED, WITH ASSOCIATED WIRING DEMOLISHED BACK TO SOURCE.



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

CONSULTANT CONSULTANT SEAL NFORMATION			RECORD DRAWIN	G CERTIFICATION	WESTCHESTER COUNTY, NEW YORK	C ONTRACT NUMBER	SHEET NUMBER
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LiRo Engineers, Inc.					DIVISION OF ENGINEERING	DWG NO.:	383 of 664
LiRo Engineers, Inc.  A LiRo Group Company			CONTRACTOR	PROJECT COORDINATOR	INFRASTRUCTURE REHABILITATION - PHASE 3	SCALE: As ir	ndicated
Syosset, N.Y. 516-214-8157[T]			NAME SIGNATURE	NAMESIGNATURE	PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING F	DATE: 08/23/2	2022
	REVISION DATE MADE APP'D BY	REVISION	TITLE DATE	TITLE DATE	FIRE ALARM FIRST FLOOR DEMOLITION PLAN	DPW FILE NUMBER 1-1'	<b>18-FA-1132-0</b> REV. NO. 0



# CONSULTANT INFORMATION

ONSULTANT SEAL DATE MADE APP'D REVISION

RECORD DRAWING CERTIFICATION AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES PROJECT COORDINATOR CONTRACTOR

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

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

FIRE ALARM FIRST FLOOR PLAN

SHEET NUMBER 22-523 CXF-FA-21 384 of 664 As indicated 08/23/2022 DPW FILE 1-118-FA-1133-0

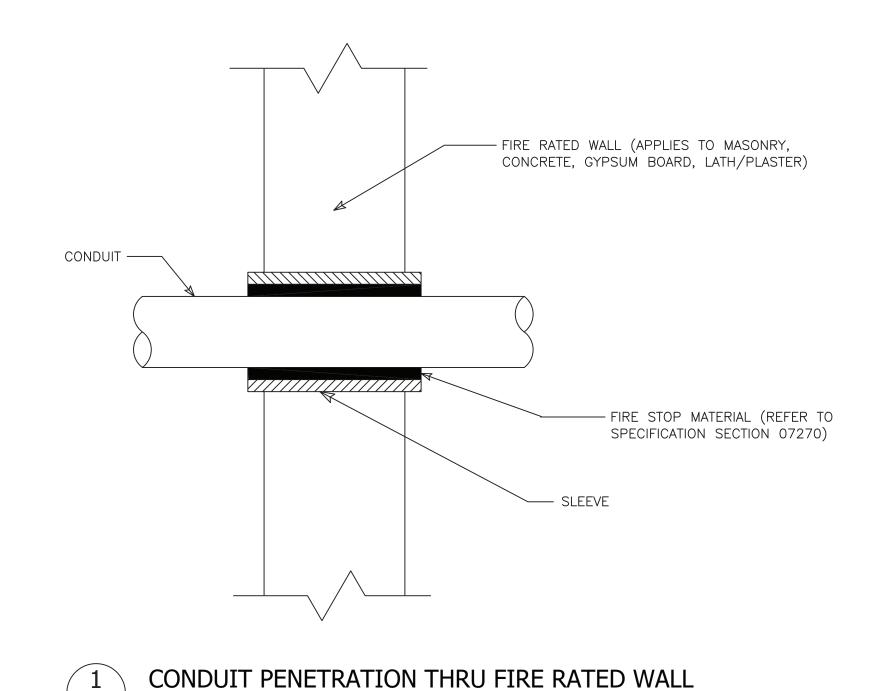
### FIRE ALARM CONSTRUCTION NOTES:

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

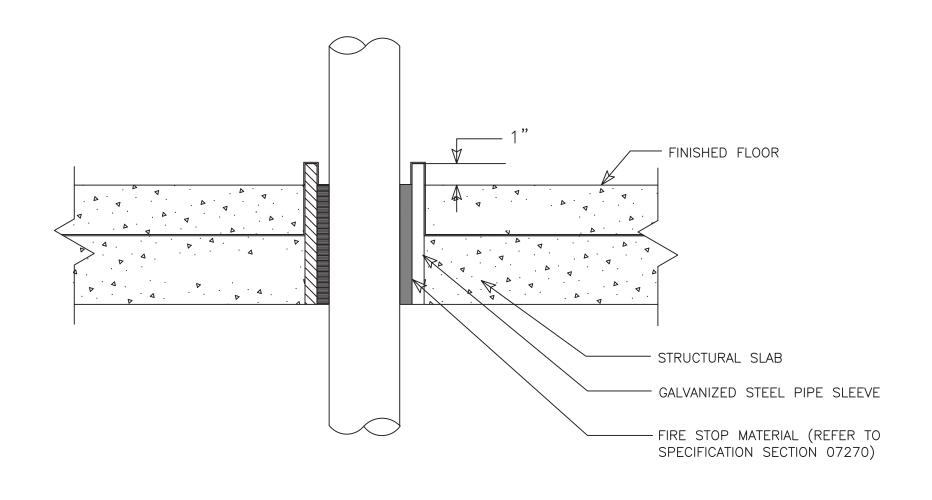
### FIRE ALARM GENERAL NOTES:

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

AND CEILING FLOORS.



FA-81 NOT TO SCALE





CONSULTANT INFORMATION CONTRACT NUMBER SHEET NUMB ER CONSULTANT SEAL RECORD DRAWING CERTIFICATION WESTCHESTER COUNTY, NEW YORK 22-523 CXF-FA-81 \_\_\_\_ AS BUILT — NO CHANGES AS BUILT — CHANGES AS NOTED DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LiRo Engineers, Inc.

A LiRo Group Company

Syosset, N.Y. 516-214-8157[T] 385 of 664 DWG NO .: PROJECT COORDINATOR CONTRACTOR SCALE: As indicated INFRASTRUCTURE REHABILITATION - PHASE 3 PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING F
FIRE ALARM DETAILS 08/23/2022 REVISION DATE MADE APP'D BY DPW FILE **1-118-FA-1134-0** REVISION

### **GENERAL NOTES:**

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

### SURVEY NOTES

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

DEMOLITION NOTES:

AND CONSTRUCTION PHASES.

- 1. ALL REQUIRED DEMOLITION PERMITS MUST BE OBTAINED FROM ALL REQUIRED AGENCIES PRIOR TO
- 2. ANY ASBESTOS REMOVAL MUST BE DONE BY A CERTIFIED ASBESTOS REMOVAL CONTRACTOR.
- 3. ALL UTILITY COMPANIES MUST BE NOTIFIED A MINIMUM OF 48 HOURS IN ADVANCE OF DEMOLITION.
- FOR ALL UTILITIES, CONTRACTOR SHALL VERIFY DISCONNECT PRIOR TO DEMOLITION.
   PROPER FENCING OR PUBLIC PROTECTION DEVICES MUST BE CONSTRUCTED AND MAINTAINED AROUND THE PERIMETER OF THE SITE AT ALL TIMES DURING DEMOLITION PHASE.
- 6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTROL DUST, DIRT, AND DEBRIS DURING DEMOLITION
- 7. IF SUSPICIOUS AND/OR HAZARDOUS MATERIAL IS ENCOUNTERED DURING DEMOLITION /
  CONSTRUCTION, ALL WORK SHALL STOP AND THE COUNTY DEPARTMENT OF HEALTH AND THE NEW
  YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SHALL BE NOTIFIED
  IMMEDIATELY. WORK SHALL NOT RESUME UNTIL THE CONTRACTOR HAS OUTLINED APPROPRIATE
  ACTION FOR DEALING WITH THE WASTE MATERIAL
- 8. WHERE EXISTING CURB, GUTTER, SIDEWALK OR WALK IS TO BE REMOVED, IT SHALL BE SAW CUT OR REMOVED AT THE NEAREST JOINT.
- 9. THE CONTRACTOR SHALL PERFORM DAILY CLEANUP OPERATIONS WHICH INCLUDE SWEEPING OF THE ROADWAYS, REMOVAL OF DEBRIS (CUPS, PAPER BAGS, CANS, ETC.), REMOVAL OF EXCESS CONSTRUCTION MATERIALS, ALL TO THE SATISFACTION OF THE OWNER.
- 10.THE CONTRACTOR SHALL CONFORM TO ALL STATE AND LOCAL RULES, REGULATIONS AND LAWS WHICH SHALL GOVERN THE HAULING AND DISPOSING OF TREES, SHRUBS, STUMPS, ROOTS, RUBBISH, DEBRIS AND OTHER MATTER.
- 11.NO TREES, SHRUBS, ROOTS, BRANCHES, WOOD, CONCRETE OR OTHER DEBRIS SHALL BE BURIED IN FILLS. EMBANKMENTS OR STOCK PILES.
- 12.NO CLEARED MATTER, DEBRIS SHALL BE STORED AT THE CONSTRUCTION SITE.
- 13.CONTRACTOR SHALL GUARANTEE THAT WORK PERFORMED UNDER THIS CONTRACT WILL NOT PERMANENTLY DAMAGE TREES, SHRUBS, TURF OR PLANTS DESIGNATED TO REMAIN, OR OTHER ADJACENT WORK OR FACILITIES. IF DAMAGE RESULTING FROM CONTRACTOR'S OPERATIONS APPEARS DURING THE PERIOD UP TO 24 MONTHS AFTER COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REPLACE DAMAGED ITEMS AT HIS EXPENSE.
- 14.DAMAGE TO ANY EXISTING ITEMS, NOT SHOWN IN CONTRACT DOCUMENTS TO BE REMOVED, SUCH AS PAVEMENT, GRASSED AREAS, UTILITIES, STRUCTURES OR OTHER FACILITIES SHALL BE REPAIRED BY THE CONTRACTOR IMMEDIATELY AT HIS OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER AND OWNER. ALL ASPHALT PAVEMENTS, GRASSED AREAS AND LANDSCAPING THAT ARE DAMAGED OR DISTURBED SHALL BE RESTORED IN ACCORDANCE WITH APPLICABLE SECTIONS ON THE CONTRACT
- 15.EXCEPT AS NOTED BELOW, CONTRACTOR SHALL REMOVE FROM THE SITE AND SATISFACTORILY DISPOSE OF ALL TREES, SHRUBS, ROOTS, BRUSH, MASONRY, RUBBISH, SCRAP, DEBRIS, PAVEMENT, CURBS, FENCES AND MISCELLANEOUS OTHER ITEMS NOT COVERED UNDER OTHER SECTIONS AS SHOWN, SPECIFIED OR OTHERWISE REQUIRED TO PERMIT CONSTRUCTION OF NEW WORK.
- 16.BURNING OF MATERIAL IS EXPRESSLY FORBIDDEN.
- 17.TREES AND SHRUBS TO BE SAVED:
- A. TREES AND SHRUBS WHICH ARE TO REMAIN SHALL BE PROTECTED BY FENCES, BARRICADES, WRAPPING OR OTHER MEANS OF PROTECTION. EQUIPMENT STORAGE, MATERIAL STOCKPILES, ETC., SHALL NOT BE PERMITTED WITHIN TREE BRANCH SPREAD.
- B. PROTECT ALL OTHER TREES AND SHRUBS FROM DEFACEMENT, INJURY AND DESTRUCTION.
  PRESERVE TREES WITHIN THE CONTRACT LIMITS THAT ARE SO DELINEATED ON THE PLANS OR AS
  MARKED IN THE FIELD BY THE ENGINEER. ALSO, ALL TO BE SAVED SHALL BE PROTECTED IN
  ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- C. DO NOT CUT ROOTS UNNECESSARILY; HANDWORK OR OTHER METHODS SHALL BE IMPLEMENTED TO PREVENT DAMAGE TO ROOTS WHICH EXTEND INTO GRADING LIMITS OR LIMITS OF EXCAVATION.

  DISTURB ROOTS AS LITTLE AS POSSIBLE WHEN TUNNELING UNDER TREES. BACKFILLING AROUND TREE ROOTS SHALL BE DONE IMMEDIATELY AFTER COMPLETION OF CONSTRUCTION IN THE VICINITY
- OF TREES.

  D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL VEGETATION FROM DAMAGE RESULTING FROM EMISSIONS FROM MOTORIZED EQUIPMENT.
- E. CONTRACTOR SHALL BE VIGILANT OF ANY OVERHEAD UTILITY LINES WHEN USING AERIAL EQUIPMENT FOR TREE TRIMMING OPERATIONS.
- F. DURING WORKING OPERATION, PROTECT THE TRUNK, FOLIAGE, AND ROOT SYSTEM OF ALL TREES TO BE SAVED WITH BOARDS OR OTHER GUARDS AND AS REQUIRED TO PREVENT DAMAGE, INJURY AND DEFACEMENT. DO NOT PILE EXCAVATED MATERIAL ADJACENT TO THE BASE OF ANY TREES. DO NOT ALLOW RUNOFF TO ACCUMULATE AROUND BASE OF TREES. DO NOT FASTEN OR ATTACH ROPES, CABLE OR GUY WIRES TO TREES WITHOUT PERMISSION OF THE ENGINEER. WHEN SUCH PERMISSION IS GRANTED, PROTECT THE TREE BEFORE MAKING FASTENING OR ATTACHMENTS BY PROVIDING BURLAP WRAPPING AND SOFTWOOD CLEATS. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR DAMAGE RESULTING FROM THESE ACTIONS. USE OF AXES OR CLIMBING SPURS
- G. REMOVE SHRUBS TO BE SAVED, TAKING A SUFFICIENT EARTH BALL AT THE ROOTS TO MAINTAIN THE SHRUB. TEMPORARILY REPLANT IF REQUIRED, AND REPLACE AT THE COMPLETION OF CONSTRUCTION IN CONDITION EQUALING THE ORIGINAL.

FOR TRIMMING WILL NOT BE PERMITTED. PROVIDE CLIMBING ROPES DURING TRIMMING.

H. TREE AND SHRUB REPAIR WHERE REQUIRED SHALL BE PERFORMED BY A TREE SURGEON.

I. TREES AND SHRUBS INTENDED TO REMAIN WHICH ARE DAMAGED BEYOND REPAIR BY CONSTRUCTION, SHALL BE REPLACED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.

### SITE NOTES:

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

### UTILITY NOTES:

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

  14. ALL CATCH BASINS AND STORM MANHOLES WITHIN PAVEMENT TO BE CONSTRUCTED TO
- WITHSTAND H-20 LOADING.

  15. ALL EXISTING CATCH BASINS WITHIN WORK LIMITS TO BE CLEANED OF ANY DEBRIS OR SILT.

### GRADING NOTES:

- 1. REMOVE AND STOCKPILE TOPSOIL AS DIRECTED BY THE CONSTRUCTION MANAGER. REPLACE TOPSOIL TO A MINIMUM 4" DEPTH. ALL DISTURBED AREAS TO BE HYDROSEEDED AS DIRECTED BY THE CONSTRUCTION MANAGER.
- 2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND REMOVAL OF TEMPORARY SEDIMENTATION CONTROLS, INCLUDING SILT SINK AND SILT FENCE. EROSION CONTROL MEASURES SHALL NOT BE REMOVED BEFORE VEGETATION HAS OCCURRED COMPLETELY.
- 3. ALL SILT FENCE TO BE REPLACED WHENEVER THEY BECOME CLOGGED OR INOPERABLE AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF TOPSOIL TO ALL DISTURBED AREAS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION CONTROL MEASURES AT ALL TIMES.
- 5. EROSION CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH THE NEW YORK STATE GUIDELINES FOR URBAN EROSION SEDIMENT CONTROL MANUAL, WESTCHESTER COUNTY HEALTH DEPARTMENT, AND THE CITY OF RYE REQUIREMENTS.
   6. ALL INLETS TO THE STORM SEWER SHALL HAVE STONE DROP INLET PROTECTION. THE CONTRACTOR
- COVER IS ESTABLISHED.

  7. SILT FENCE, JUTE MESH, AND/OR EROSION CONTROL BLANKETS WILL BE USED ON STEEP SLOPES AND WHEREVER NECESSARY TO CONTROL EROSION AND SILTATION OF EXISTING DRAINAGE SYSTEMS AS ORDERED BY THE ENGINEER OR SPECIFIED ON PLANS.

SHALL BE RESPONSIBLE FOR MAINTAINING THE BEST MANAGEMENT PRACTICES (BMP'S) UNTIL GROUND

- 8. THE CONTRACTOR SHALL DESIGNATE A MEMBER OF HIS/HER FIRM TO BE RESPONSIBLE TO MONITOR EROSION CONTROL, EROSION CONTROL STRUCTURES, TREE PROTECTION AND PRESERVATION THROUGHOUT CONSTRUCTION.
- 9. ALL DISTURBED AREAS SHALL BE PROTECTED FROM EROSION EITHER BY MULCH OR TEMPORARY SEEDING WITHIN 2 WEEKS OF DISTURBANCE.

### SOIL EROSION AND SEDIMENT CONTROL NOTES:

- 1. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES TO BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE STORMWATER POILUTION PREVENTION PLAN.
- 2. ANY DISTURBED AREAS THAT WILL NOT RECEIVE PERMANENT RESTORATION WITHIN TEN (10) DAYS AFTER FINAL GRADING, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY COVER. THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS.
- 3. PERMANENT VEGETATION TO BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING. MULCH WILL BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.
- 4. ALL WORK TO BE DONE IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN THE STATE OF NEW YORK.
- 5. A SUB-BASE COURSE DETAIL WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE ROADS, DRIVEWAYS PARKING AREAS AND SIDEWALKS. IN AREAS WHERE NO UTILITIES ARE PRESENT, THE SUB-BASE SHALL BE INSTALLED WITHIN 15 DAYS OF THE PRELIMINARY GRADING.
- 6. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E.; STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY COVER OF STRAW MULCH OR A SUITABLE EQUIVALENT AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO NYS STANDARDS.
- 7. ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E.; SLOPES GREATER THAN 3:1).
- 8. IN ACCORDANCE WITH THE STANDARDS FOR PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION, ANY SOIL HAVING A pH OF 4 OR LESS OR CONTAINING IRON SULFIDES SHALL BE COVERED WITH A MINIMUM OF 12 INCHES OF SOIL HAVING A pH OF 5 OR GREATER PRIOR TO SEEDBED PREPARATION.
- 9. WESTCHESTER COUNTY AND THE ENGINEER, SHALL BE NOTIFIED 72 HOURS IN ADVANCE OF ANY

LAND DISTURBING ACTIVITY.

CONSTRUCTION.

PLAN (SWPPP).

NAME

ITLE

SIGNATURE

- 10. AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER, SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.
- 11. THE CONTRACTOR SHALL TAKE NECESSARY MEASURES TO MAINTAIN DUST CONTROL. DIRT HAUL ROADS SHALL BE SPRINKLED WITH WATER OR GIVEN A SURFACE OF CRUSHED STONES OR WOOD CHIPS AS REQUIRED. VEHICLES SHALL BE CLEANED, AS NECESSARY, PRIOR TO USING PUBLIC STREETS. PAVED ROADS SHALL BE SPRINKLED WITH WATER.
- 12. ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE LOCATED IN THE FIELD AS REQUIRED OR AT THE DIRECTION OF THE ENGINEER. THE CONTRACT DRAWING ARE NOT INTENDED TO SHOW THE LOCATION AND DETAILS FOR ALL SUCH DEVICES BUT ARE TO BE USED AS A REASONABLE
- 13. ANY CHANGES TO THE SOIL AND SEDIMENT CONTROL PLANS WILL REQUIRE THE SUBMISSION OF REVISED SOIL EROSION AND SEDIMENT CONTROL PLANS TO WESTCHESTER COUNTY AND THE ENGINEER. THE REVISED PLANS MUST BE PREPARED BY THE CONTRACTOR AND MUST MEET ALL
- 14. CONTRACTOR SHALL OBTAIN ALL REQUIRED SEDIMENT CONTROL PERMITS.

CURRENT NYS SOIL EROSION AND SEDIMENT CONTROL PRACTICES.

- 15. UPON COMPLETION OF CONSTRUCTION WORK AND AFTER FINAL GRADING AND WHEN PERMANENT STABILIZATION HAS BEEN ESTABLISHED, STRAW BALES, SILT FENCES AND ALL OTHER SOIL PLAN APPURTENANCES WILL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR, UNLESS ORDERED TO REMAIN BY THE ENGINEER.
- 16. ALL EXCESS EXCAVATED MATERIAL, EXCEPT FOR TOP SOIL, WILL BE REMOVED FROM THE SITE BY THE CONTRACTOR IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- 17. CONDUIT OUTLETS AND CATCH BASIN INLETS MUST BE PROTECTED PRIOR TO START OF
- 18. THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION OPERATIONS FOR REVIEW AND SUBMITTAL TO WESTCHESTER COUNTY AND THE ENGINEER.
- 19. THE CONTRACTOR SHALL MEET ENGINEER ON—SITE TO DEFINE THOSE AREAS WHICH WILL REQUIRE SOIL EROSION AND SEDIMENT CONTROL FACILITIES, DISCUSS THEIR CONSTRUCTION AND THEREAFTER PROVIDE DETAILED PLANS FOR REVIEW OF SUCH FACILITIES BY WESTCHESTER COUNTY AND THE ENGINEER
- 20. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE WHERE POSSIBLE PRIOR TO, OR IMMEDIATELY FOLLOWING SITE AND ACCESS CLEARING.
- 21. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE AND MAINTAINED; INCLUDING SILT AND SEDIMENT REMOVAL, UNTIL CONSTRUCTION IS COMPLETED, AREA STABILIZED AND
- 22. CONTRACTOR SHALL CONFINE SOIL DISTURBANCE ACTIVITY TO THE AREAS CONTAINED WITHIN THE "LIMIT OF DISTURBANCE" LINES EXCEPT AS DIRECTED BY THE ENGINEER AND IN ACCORDANCE AND COORDINATION WITH ADJACENT CONTRACTS. SUCH ACTIVITY SHALL SHALL ESSENTIALLY CONSIST OF CLEARING, GRUBBING, GRADING AND CONSTRUCTION IN AREAS DEFINED AS BUILDINGS, PIPELINE, PARKING AREAS, DRIVES AND WALKWAYS OR AS MAY BE REQUIRED DUE TO GRADE CHANGES OR RETAINING WALLS.
- 23. ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTER AREA. SEDIMENT FILTER SHALL BE INSTALLED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND THE DETAILS OF DESIGN AND CONSTRUCTION SHALL PREPARED AND SUBMITTED BY THE CONTRACTOR TO THE ENGINEER, AND ALL OTHER PERTINENT AGENCIES FOR REVIEW.
- 24. SOIL STABILIZATION METHODS SHALL BE UNDERTAKEN COINCIDENTALLY WITH ALL SITE IMPROVEMENTS AND CONTINUE DURING THE CONSTRUCTION ACTIVITY PERIOD.

25. THE LIMITS OF FENCING FOR TREE PROTECTION WILL BE DETERMINED IN THE FIELD PRIOR TO

CONSTRUCTION AND WILL INCLUDE THE TREE CANOPY.

26. COMPLY WITH GENERAL PERMIT GP-0-20-001, AS OUTLINED IN THE STORM WATER PREVENTION

LiRo Engineers, Inc.

A LiRo Group Company

Mineola, N.Y. 516-746-2350[T]



REVISION NUMBER DATE BY BY REVISION

RECORD DRAWING CERTIFICATION

AS BUILT — CHANGES AS NOTED

AS

DATE

CONTRACTOR

SIGNATURE

PROJECT COORDINATOR

DATE

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

INFRASTRUCTURE REHABILITATION PHASE 3

PLAYLAND PARK, RYE, NEW YORK

**OVERALL SITE PLAN** 

3

 22-523
 CXF-C-01

 DWG NO.:
 386 of 664

 SCALE:
 1"=10"

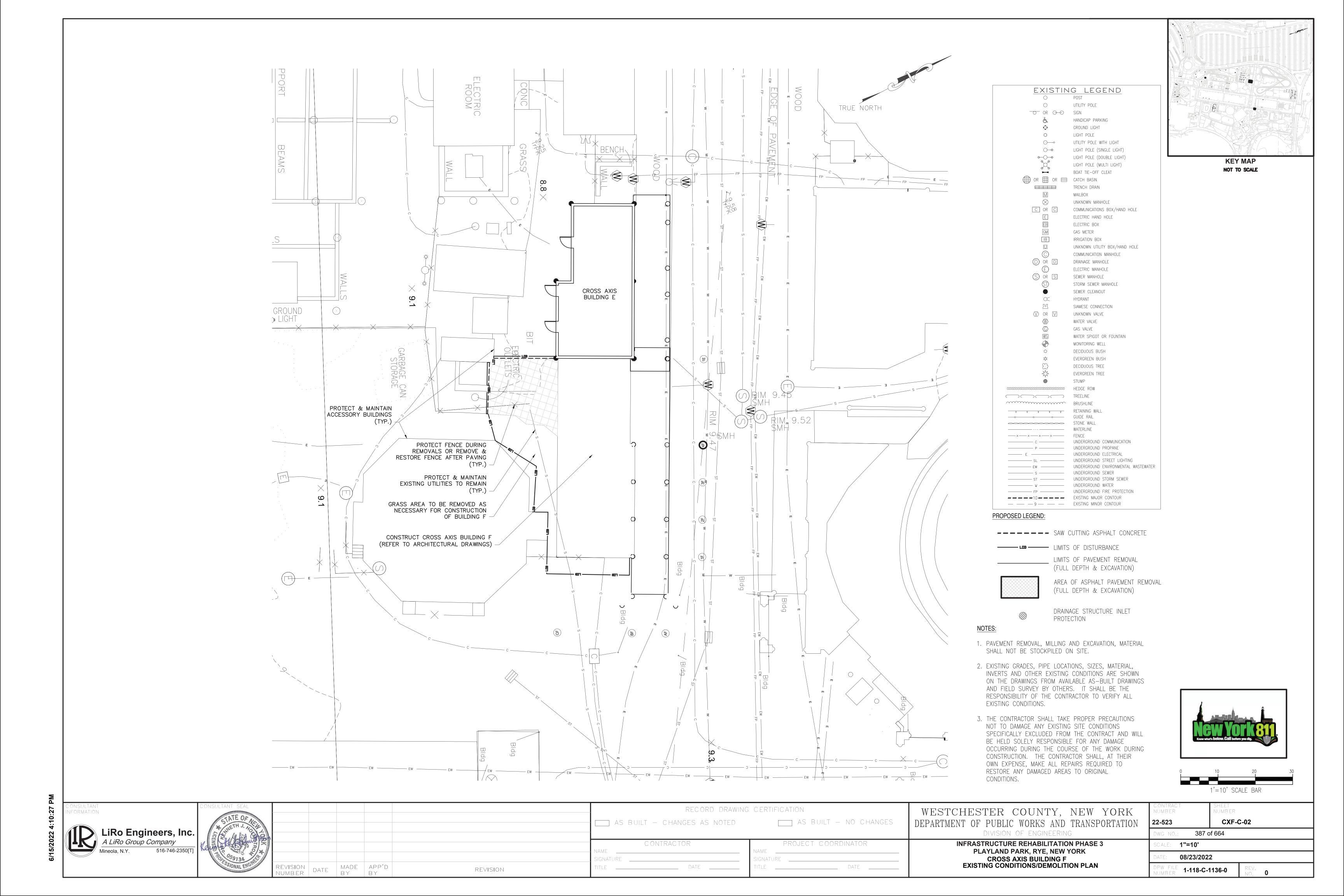
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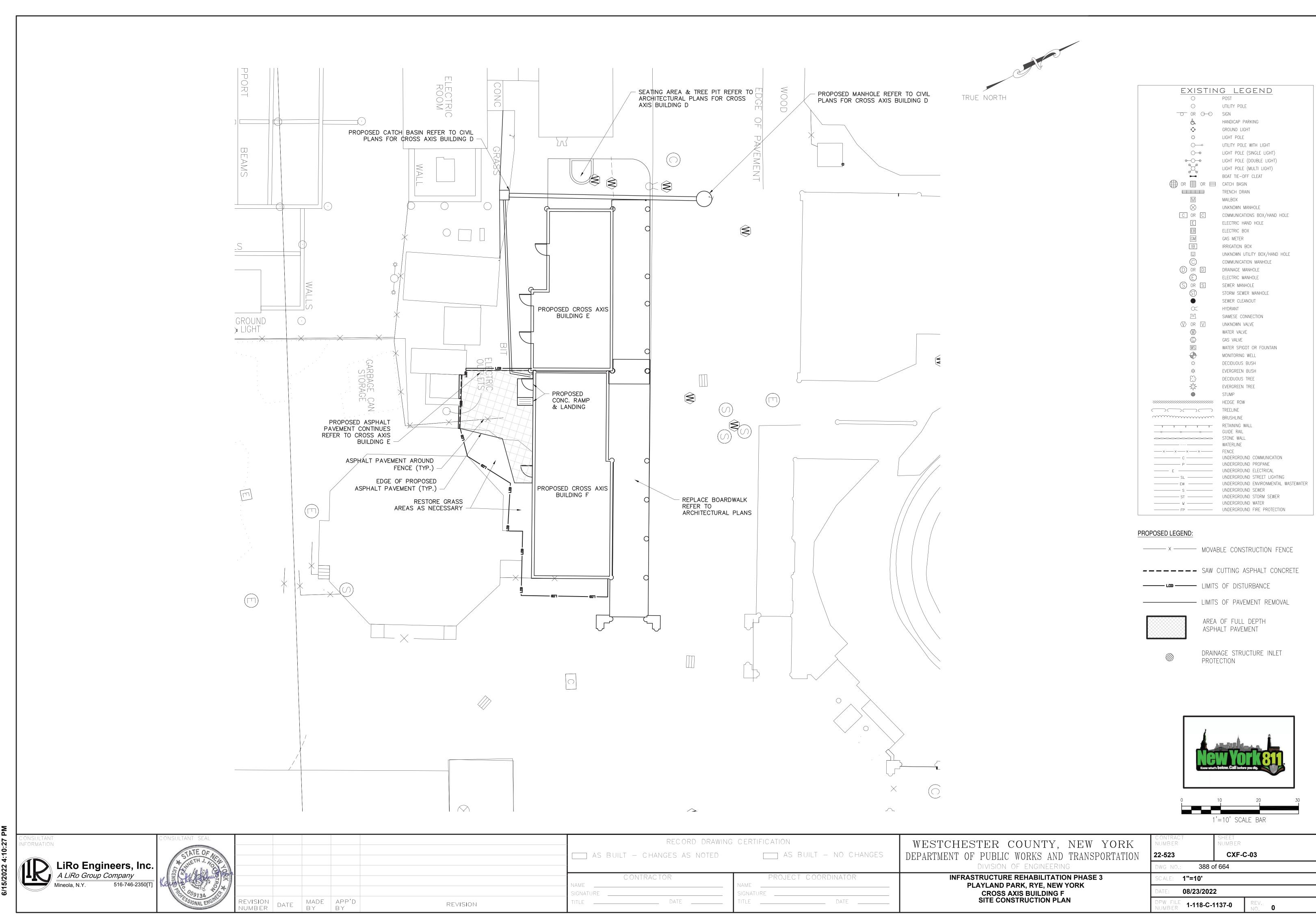
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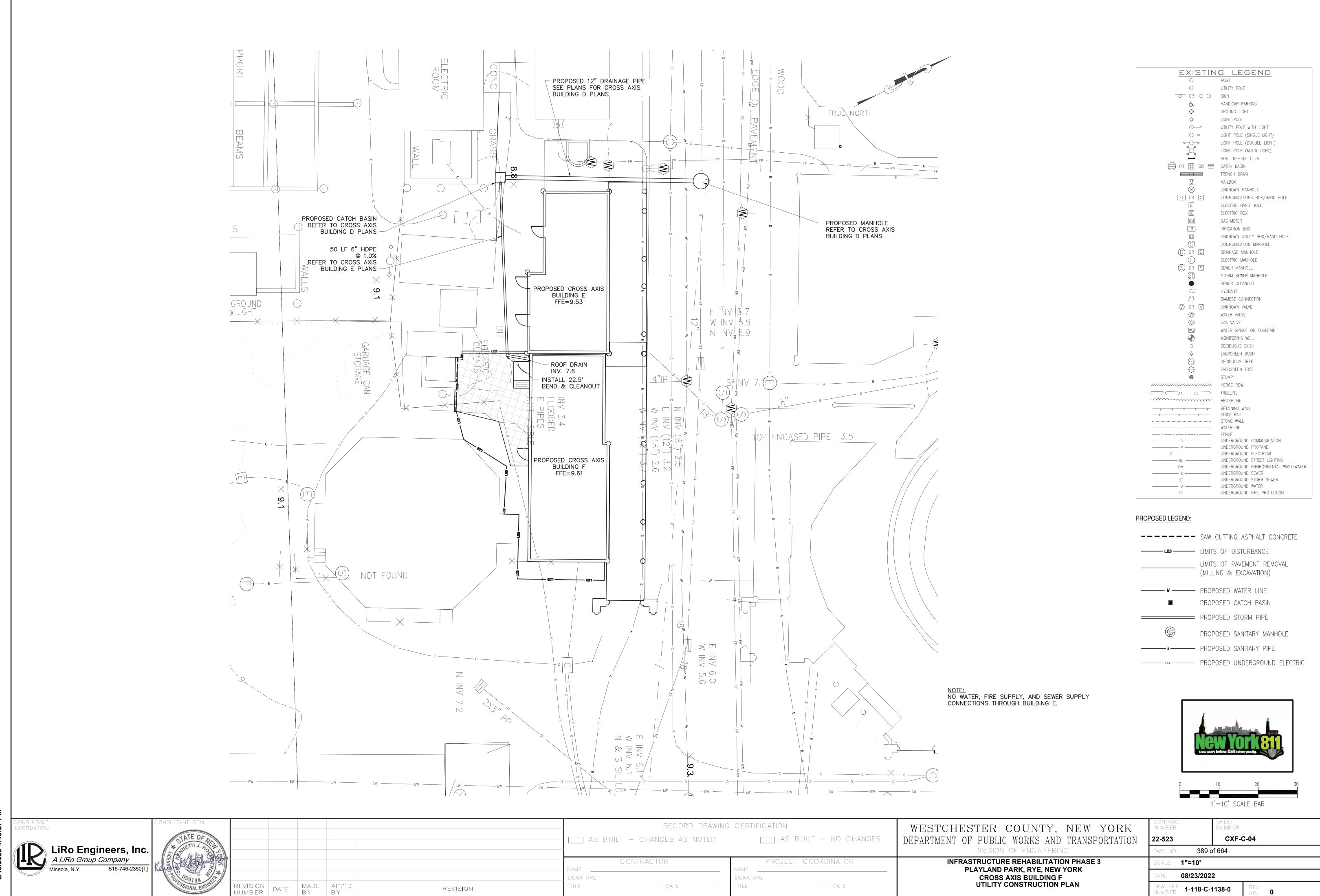
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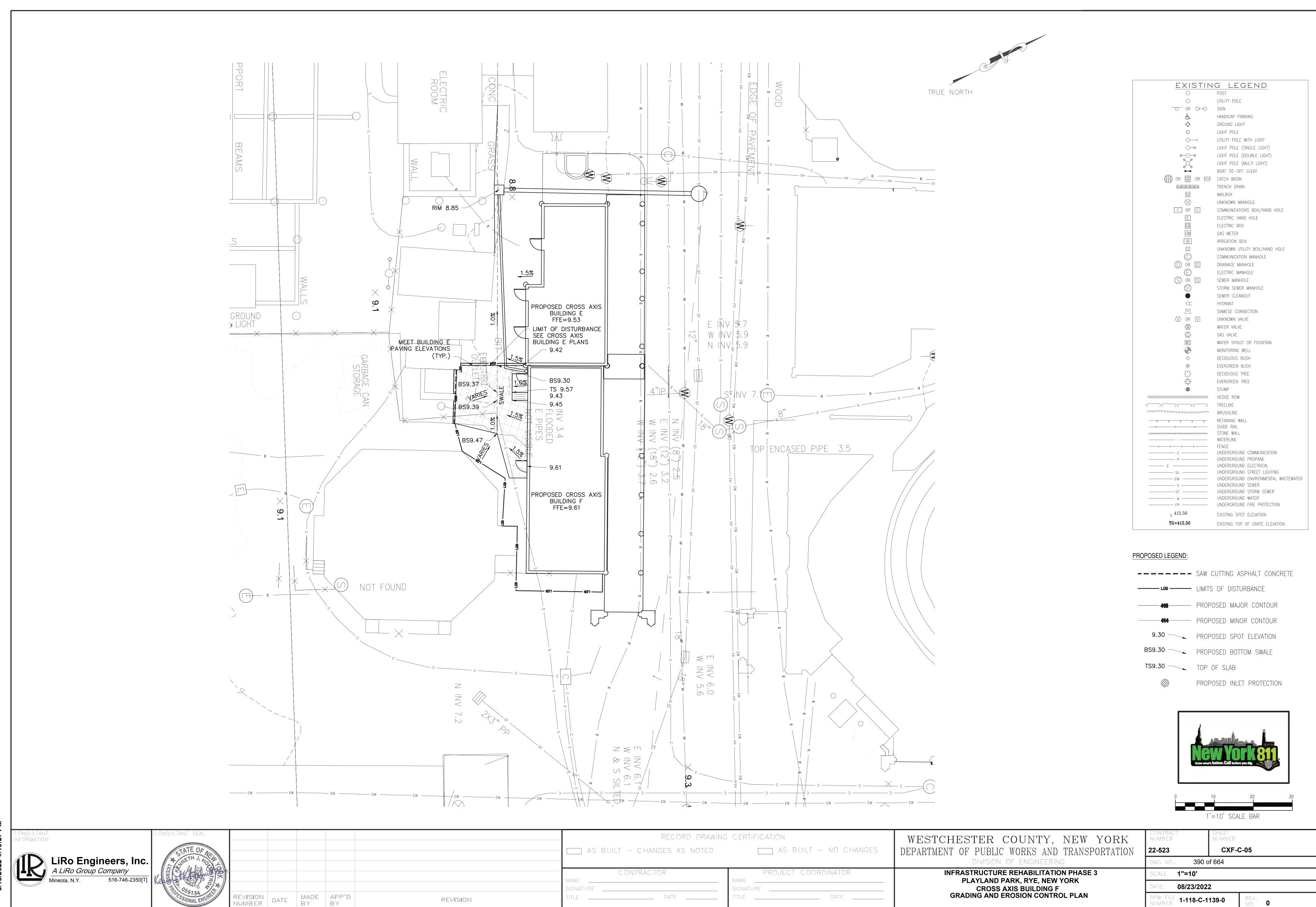




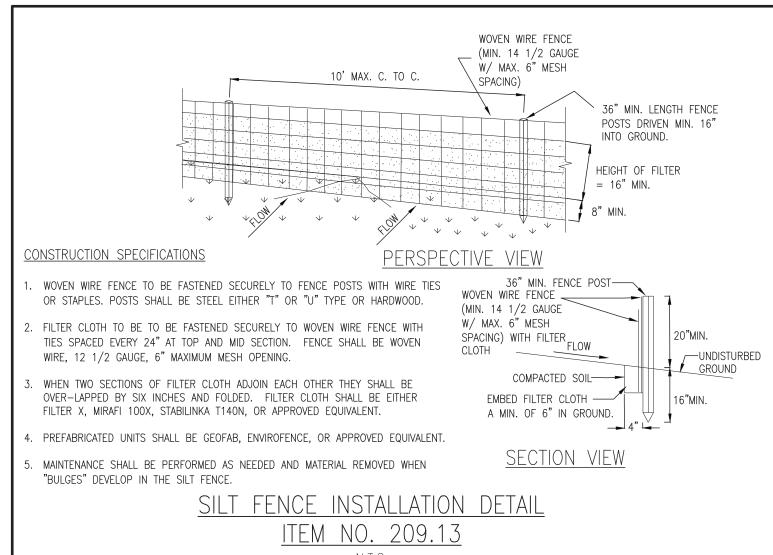


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### OVERLAP ENDS MIN. 12" STORM SEWER GRATE B" DIA. TUBULAR SEDIMENT CONTROL AND STORMWATER FILTRATION DEVICE 8" DIA. TUBULAR SEDIMENT CONTROL AND STORMWATER FILTRATION DEVICE <u>PLAN</u> - MIX NYSDOT #1 & #2 STONE - FINISHED GRADE 4" MIN. CONTACT WITH PAVEMENT SECTION A-A

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

DRAINAGE STRUCTURE INLET PROTECTION

STORM WATER POLLUTION PREVENTION PLAN NOTES:

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

POLLUTION PREVENTION MEASURES:

THE CONTRACTOR SHALL TAKE THE FOLLOWING STEPS TO PREVENT LITTER, CHEMICALS AND DEBRIS FROM ENTERING

STORM DRAINS AND DISCHARGES. 1. PROPERLY INSTALL AND MAINTAIN EROSION AND SEDIMENT CONTROL DEVICES AS OUTLINED IN THE PROJECT DOCUMENTS AND IN COMPLIANCE WITH THE LATEST EDITION OF THE NEW YORK STATE STANDARDS AND

SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL. PROPERLY CONTAIN AND DISPOSE OF ALL MATERIALS USED ON SITE. CLEAN UP SPILLS IMMEDIATELY TO MINIMIZE SAFETY HAZARD AND PREVENT SPREADING.

ROUTINELY INSPECT AND CLEAN OUT CATCH BASINS AND STORM LINES. LABEL ALL STORM INLETS AS "NO DUMPING".

9. REMOVE ALL EXCAVATED UNSUITABLE MATERIAL FROM THE SITE AS SOON AS PRACTICABLE.

10. PRACTICE GOOD HOUSEKEEPING AND EDUCATE EMPLOYEES ON POLLUTION PREVENTION MEASURES.

CONTROL LITTER BY SWEEPING AND PICKING IT UP DAILY. DO NOT STORE FUEL AND WASTE ON-SITE OR USE SECONDARY CONTAINMENT MEASURES. 8. IF PRACTICAL, USE ALTERNATIVE CLEANING METHODS SUCH AS WIPING DOWN OF VEHICLES AND EQUIPMENT

MATERIAL STORAGE:

THE CONTRACTOR MAY HAVE THE FOLLOWING MATERIALS STORED ON-SITE DURING PROJECT CONSTRUCTION. THE LIST MAY NOT BE INCLUSIVE AND WILL VARY DURING THE DIFFERENT STAGES OF THE PROJECT. PRE-CAST CONCRETE MANHOLES, CATCH BASINS AND OUTLET CONTROL STRUCTURE.

PVC PIPING AND APPURTENANCES. STOCKPILED SOILS - TOP SOIL, SUB BASE MATERIAL, CUSHION MATERIAL, SELECT GRANULAR MATERIAL. GRAVEL

AND CRUSHED STONE 4. EROSION AND SEDIMENT CONTROL MATERIAL: SILT FENCE, RIP RAP AND SEED.

PAVING MATERIALS AND EQUIPMENT SECURITY FENCE AND APPURTENANCES EQUIPMENT REQUIRED TO PERFORM THE WORK.

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

EROSION AND SEDIMENT CONTROL PRACTICES:

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

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

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

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

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

1. PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES ON THE SITE, THE CONTRACTOR SHALL MEET WITH THE OWNERS REPRESENTATIVE AND DESIGNER TO DISCUSS THE STORM WATER POLLUTION PREVENTION PLAN. PRIOR TO COMMENCING ANY EXCAVATION PROCEDURES, INSTALL SILT FENCE AS SHOWN ON THE PLANS. INSTALL STABILIZED CONSTRUCTION ENTRANCE.

AS THE NEW CATCH BASINS ARE INSTALLED, PROVIDE TEMPORARY INLET PROTECTION. 5. AS SOIL MATERIAL IS EXCAVATED OR STOCKPILED, PROVIDE A SILT FENCE ENCLOSURE AROUND THE PILE. IF THE PILE IS TO REMAIN FOR LONGER THAN SEVEN (7) DAYS, TEMPORARILY SEED THE PILE. 6. DO NOT LEAVE DISTURBED AREAS NOT TO BE COVERED BY IMPERVIOUS SURFACE BARE FOR LONGER THAN SEVEN

AFTER FINAL GRADING OF VEGETATED AREAS, PROVIDE PERMANENT SEEDING. 8. UPON FINAL STABILIZATION OF THE SITE, REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES. INSPECT ALL PERMANENT EROSION AND SEDIMENT CONTROL AND STORM WATER MANAGEMENT DEVICES. REPLACE ANY FAILING OR UNSATISFACTORY MEASURES. CLEAN ALL STORMWATER CATCH BASINS AND PIPING.

EROSION AND SEDIMENT CONTROL AND STORMWATER CONTROL DEVICE MAINTENANCE:

CONSTRUCTION DURATION ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSPECTED WEEKLY.

(7) DAYS, ROUGH GRADE THE AREAS AND TEMPORARILY SEED.

SILT FENCE SHALL BE REPLACED WHEN TORN, IS BULGING OR NO LONGER MEETING THE INSTALLATION DETAILS. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION TO PREVENT TRACKING OF SEDIMENT ON TO ROADS AND PUBLIC RIGHTS-OF-WAY. INSPECT TOP DRESSING AND PROVIDE ADDITIONAL AGGREGATE AS NECESSARY

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

PROJECT COMPLETION
AT THE PROJECT COMPLETION AND PRIOR TO PROJECT CLOSE OUT, THE CONTRACTOR SHALL INSPECT ALL PERMANENT EROSION AND CONTROL AND STORMWATER MANAGEMENT PRACTICES.

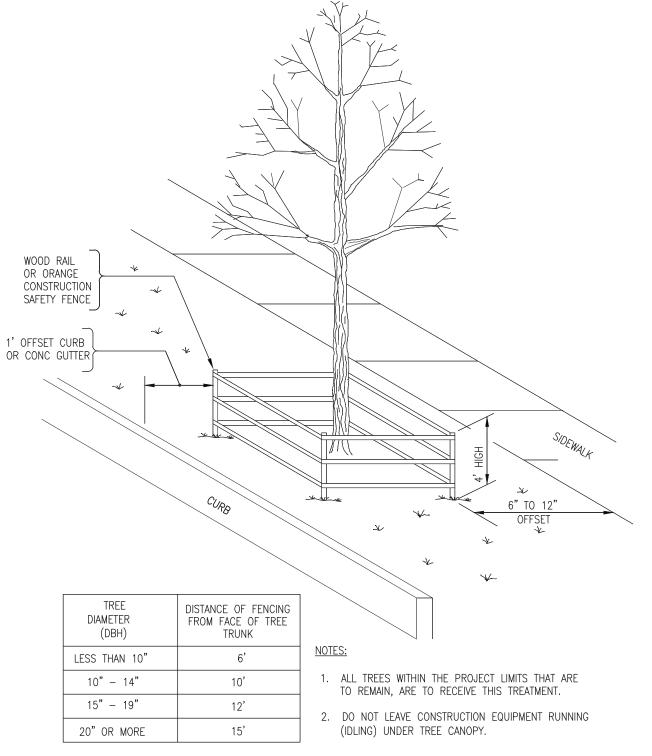
ACCEPTABLE VEGETATION ESTABLISHMENT IN ACCORDANCE WITH SPECIFICATIONS. 2. DRAINAGE STRUCTURES AND PIPING SHALL BE CHECKED FOR CLOGGING AND SEDIMENT ACCUMULATION AND

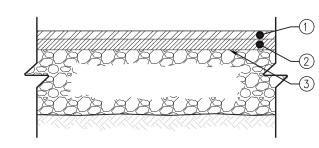
MAINTENANCE OF PERMANENT STORMWATER

1. DRAINAGE STRUCTURES AND PIPING SHALL BE CHECKED FOR CLOGGING AND SEDIMENT ACCUMULATION AND

SITE ASSESSMENT AND INSPECTIONS

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





↑ 1" TOP COURSE, 12.5 F2 TOP COURSE HMA, 80 SERIES COMPACTION 💢 2" BINDER COURSE, 25 F9 BINDER COURSE HMA, 80 SERIES NYSDOT ITEM 402.128204 ↑ 1" BINDER COURSE, 25 F9 BINDER COURSE HMA, 80 SERIES

COMPACTION NYSDOT ITEM 402.258904

TACK COAT BETWEEN LAYERS, STRAIGHT TACK COAT, ITEM 407.0103

NOTES:

1. SLOPE SHALL MATCH EXISTING OR BE AS DIRECTED BY THE ENGINEER TO PROVIDE POSITIVE DRAINAGE.

ALL SEAMS BETWEEN EXISTING AND NEW SURFACES ARE TO BE SEALED WITH ASPHALT FILLER ITEM 633.13-CLEANING, SEALING

AND/OR FILLING JOINTS. 3. SEE PLAN FOR LIMITS OF MILLING AND RESURFACING.

NYSDOT ITEM 304.12 4) GEOTEXTILE SEPARATION NYSDOT ITEM 207.21 (5) COMPACTED SUBGRADE

1. COMPACT SUBGRADE TO A MODIFIED PROCTOR DENSITY OF 95%

<u>DAMAMANANA</u>

 $\bigcirc$  2" TOP COURSE, 12.5 F2 TOP COURSE HMA, 80 SERIES COMPACTION NYSDOT ITEM 402.128204

COMPACTION NYSDOT ITEM 402.258904

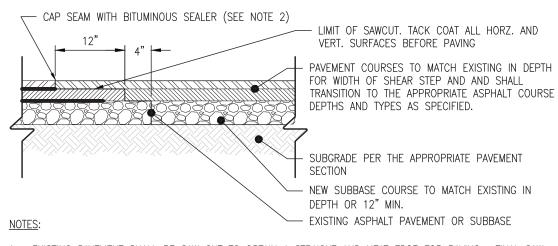
4" SUBBASE COURSE, SUBBASE COURSE, TYPE 2

2. SUBBASE COURSE SHALL HAVE NO MORE THAN (7%) SEVEN PERCENT BY WEIGHT FINER THAN NO 200 SIEVE 3. IMPRINTED PATTERN SHOWN IS FOR GRAPHICAL REPRESENTATIONS ONLY. ALL IMPRINTING/PATTERNING LAYOUTS AND POSITIONING SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO ACTUAL

PAVEMENT MILLING AND

N.T.S.

ASPHALT PAVEMENT SECTION N.T.S.



CONSTRUCTION.

- 1. EXISTING PAVEMENT SHALL BE SAW CUT TO OBTAIN A STRAIGHT AND NEAT EDGE FOR PAVING. FINAL SAW CUT SHALL BE MADE PRIOR TO PAVING AND AFTER SUBBASE STONE IS PLACED. 2. ADD COAL TAR SEAL COAT WITH UNVULCANIZED RUBBER AT JOINT ALONG SAWCUT SEAM. SEALANT SHALL
- BE STRUCK OFF FLUSH WITH PAVEMENT SURFACE. 3. DEPTH OF SAWCUT SHALL BE DETERMINED ONCE THE PAVEMENT CROSS SECTION HAS BEEN EXPOSED.

SHEAR STEP DETAIL

N.T.S.





F	REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION



DATE

