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ISULTANT ORMATION The LiRo Group Aerial Way, Syosset, New York 11791 16) 938-5476 www.liro.com

CXA - BUILDING AXONOMETRIC

CONSULTANT SEAL

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\_\_\_\_ AS BUILT — CHANGES AS NOTED CONTRACTOR

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

RECORD DRAWING CERTIFICATION

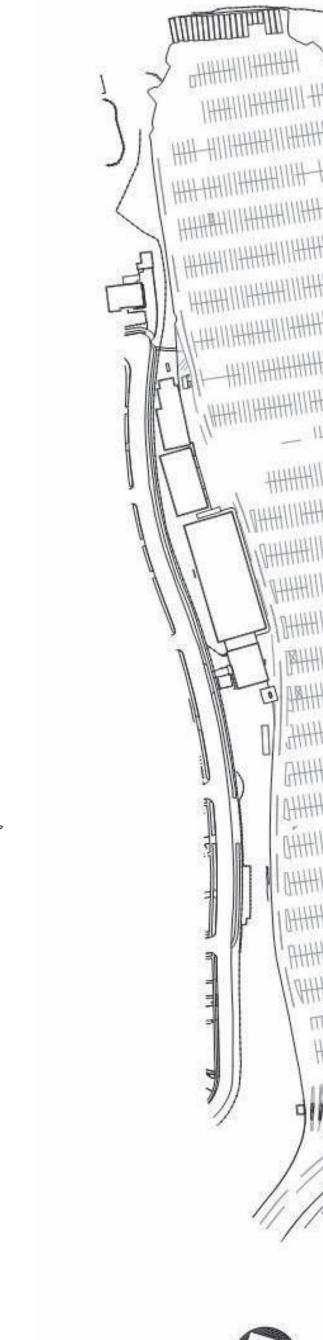
PROJECT COORDINATOR
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SHEET NUMBER XA-G-01 DATE: **08/23/2022** DPW FILE 1-118-G-848-0 REV. NO.

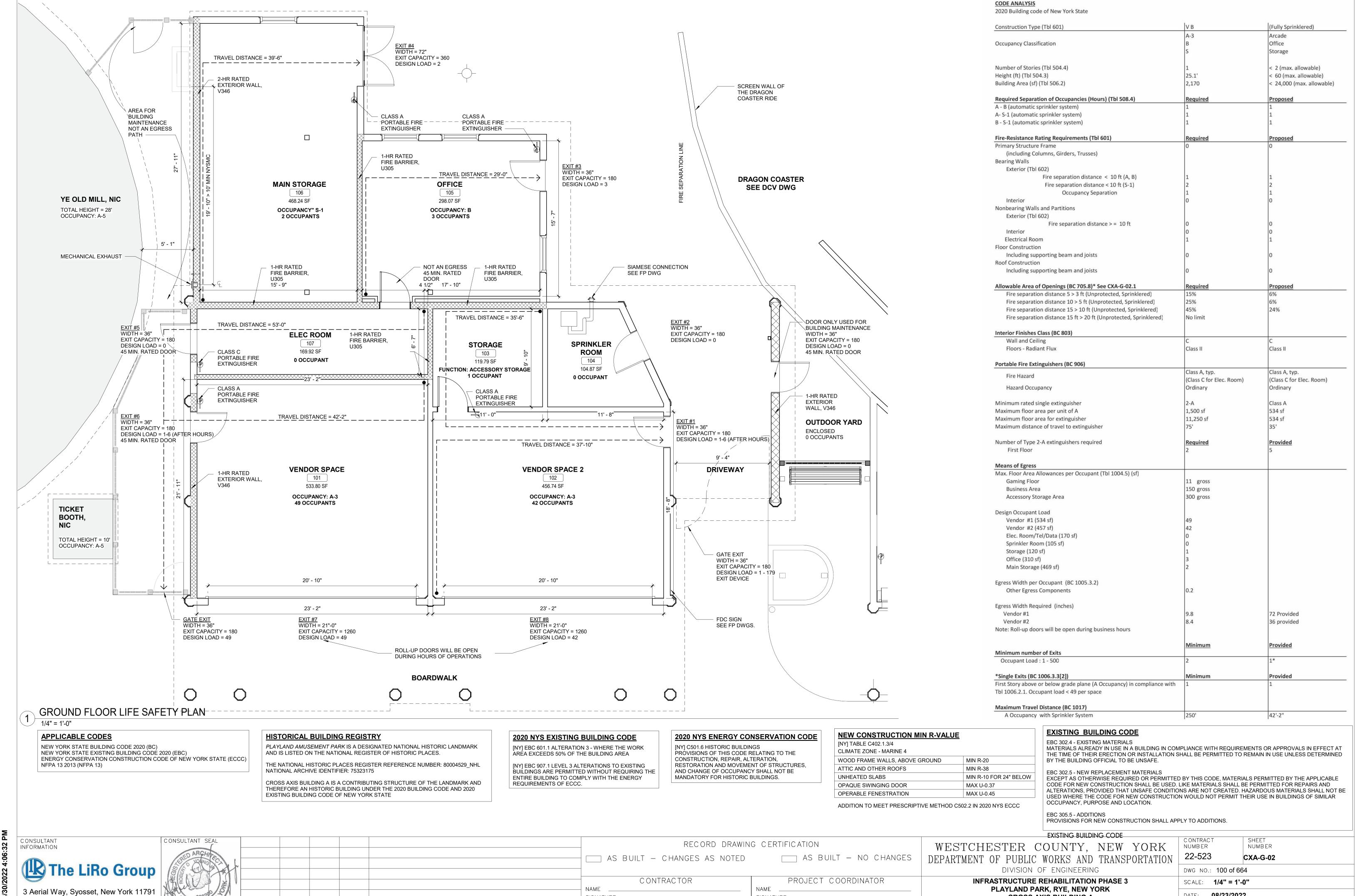
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WESTCHESTER COUNTY, NEW YORK	C ONTRACT NUMB ER	SHE			
EPARTMENT OF PUBLIC WORKS AND TRANSPORTATION 22-523					
DIVISION OF ENGINEERING	DWG NO.: 99 c	of 664			
INFRASTRUCTURE REHABILITATION PHASE 3	SCALE: 12" =	1'-0"			
PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING A	DATE: <b>08/23/</b>	2022			
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KEY MAP SCALE: N.T.S.



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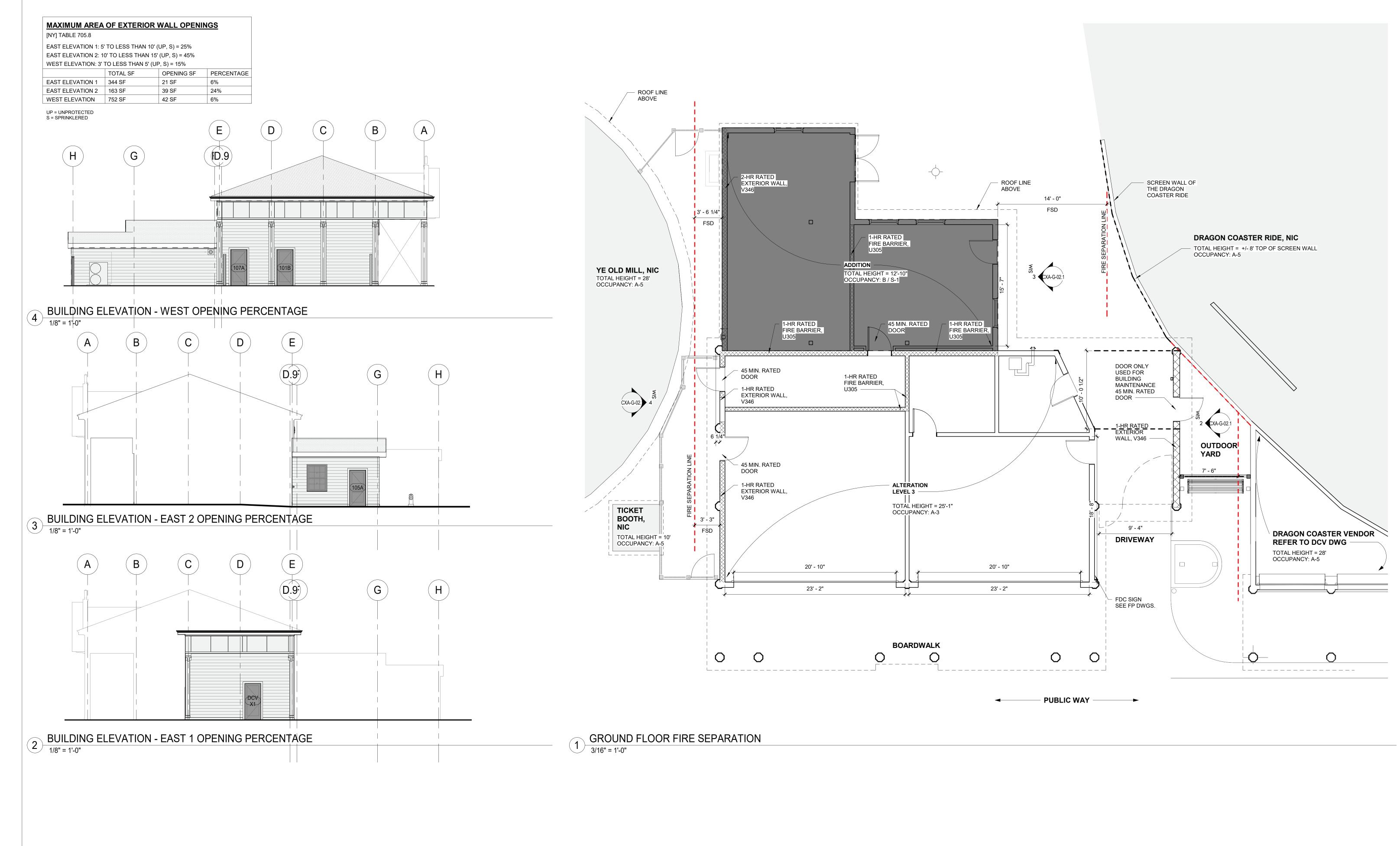
(516) 938-5476

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PLAYLAND PARK, RYE, NEW YORK **CROSS AXIS BUILDING A CXA - LIFE SAFETY PLANS** 

DATE: **08/23/2022** 1-118-G-849-0



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WESTCHESTER COUNTY, NEW YORK - NO CHANGES DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING DORDINATOR **INFRASTRUCTURE REHABILITATION PHASE 3** PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING A

**CXA - FIRE SEPARATION PLAN** 

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

SHEET NUMBER CONTRACT NUMBER 22-523 CXA-G-02.1 DWG NO.: 101 of 664 SCALE: As indicated DATE: **08/23/2022** DPW FILE 1-118-G-850-0 REV. NO.



## **GENERAL NOTES**

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

2. SCHEDULE AND COMPLETE WORK AS REQUIRED TO GIVE THE SITE IMPROVEMENT CONTRACTORS ACCESS TO THEIR JOBSITE

#### **RESTORATION KEY NOTES**

## 1 EXISTING FENCE TO REMAIN.

2 NEW GRAVEL (PERMEABLE) SURFACE. SEE DETAIL 2/CXA-G-03

③ REPAIR ASPHALT AS REQUIRED

4 NEW CONCRETE PAD. SEE CXA-A-11 FOR DIMENSIONS.

# **CONSTRUCTION NOTES**

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

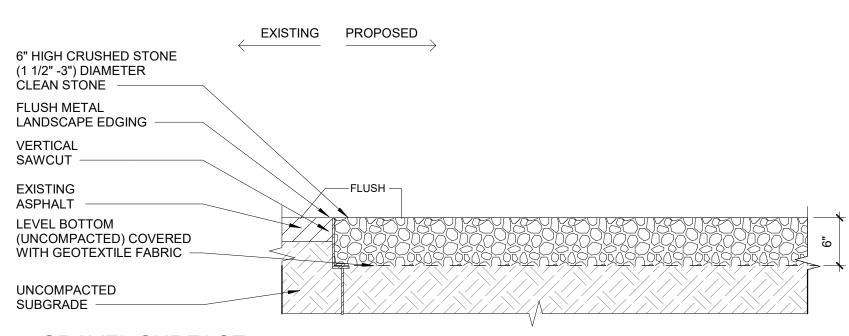
#### **RESTORATION LEGEND**

ASPHALT REPAIR

GRAVEL SURFACE IN AREA SHOWN ON 4/CXA-G-03

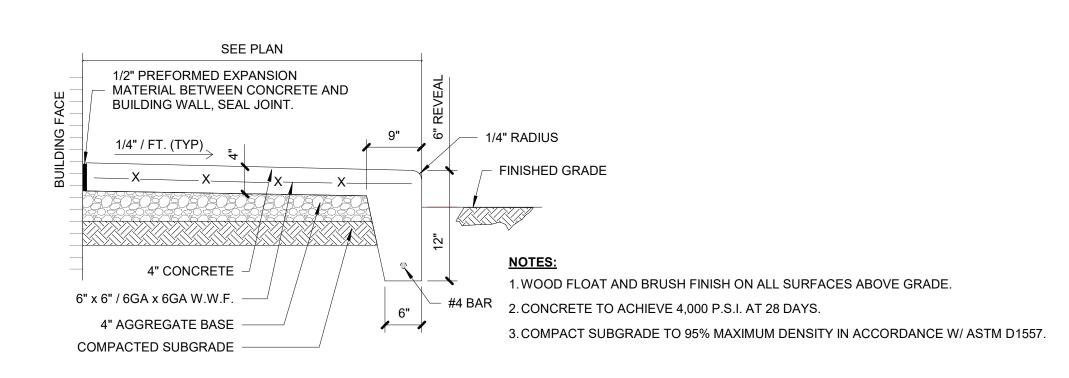
**\_ \_ \_ \_ \_ EXISTING FENCE TO REMAIN** 

NEW CONCRETE PAD. SEE DETAIL 2 & 3 ON THIS SHEET



GRAVEL SURFACE

1" = 1'-0"



# CONCRETE LANDING WITH STEP- N.T.S. 1" = 1'-0"

SHEET NUMBER CONTRACT WESTCHESTER COUNTY, NEW YORK NUMBER 22-523 CXA-G-03 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING DWG NO.: 102 of 664 **INFRASTRUCTURE REHABILITATION PHASE 3** SCALE: **As indicated** PLAYLAND PARK, RYE, NEW YORK DATE: **08/23/2022** CROSS AXIS BUILDING A **CXA - SITE RESTORATION** 



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

DATE \_\_\_\_

SIGNATURE

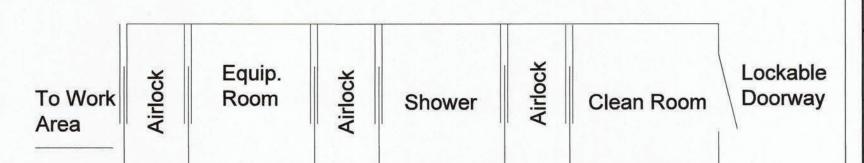
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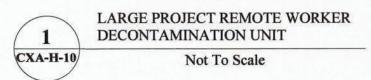
DPW FILE 1-118-G-851-0 REV. NO.

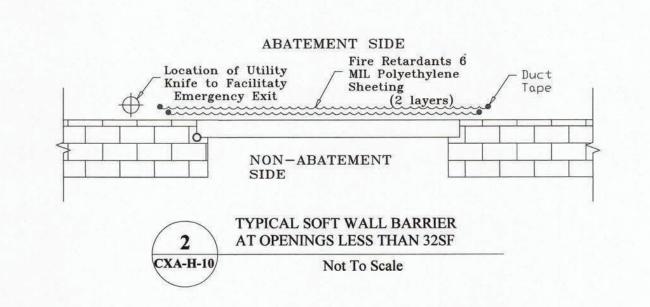
# PLAYLAND REHABILITATION & UPGRADES **CXA- ASBESTOS ABATEMENT**

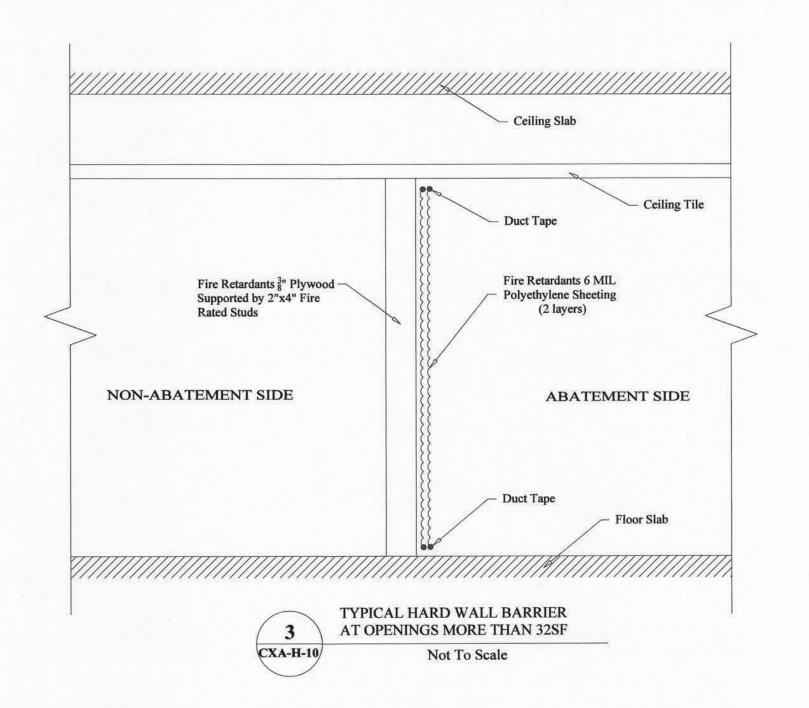
1 PLAYLAND PKWY, RYE, NY 10580











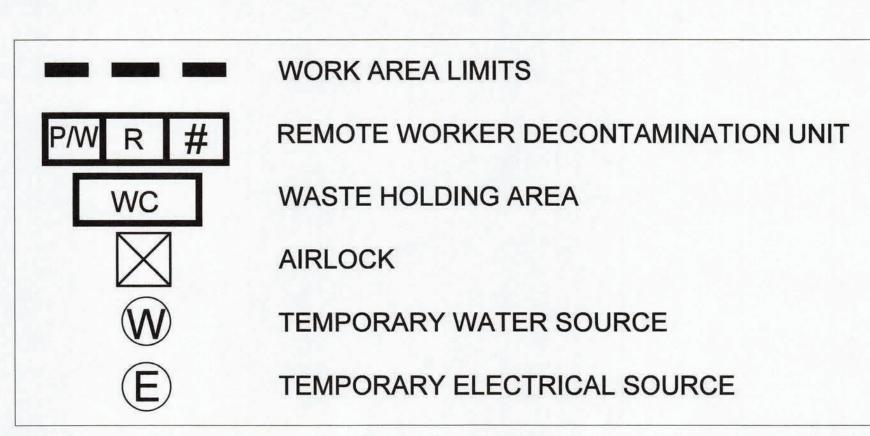
## **SCOPE OF WORK TABLE:**

Work area	Location	Description of Asbestos Materials	Approximate Quantity of ACM	ICR 56 Procedure
1		Transite Siding - Exterior	900 SF	50.44.0
2	CXA Cross Axis Building A (North Games Buildings) Exterior	Transite Siding - Interior	820 SF	56.11.6
3		Gray 9'x9' Floor Tile	100 SF	56.11.7

## **KEYPLAN:**



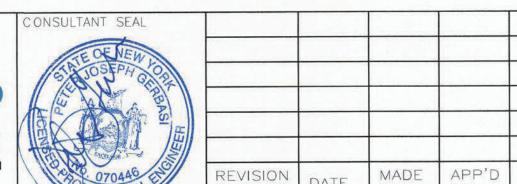
# LEGEND:



## **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
- 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
- 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
- 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.

FORMATION 3 Aerial Way, Syosset, New York 11791



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PROJECT COORDINATOR

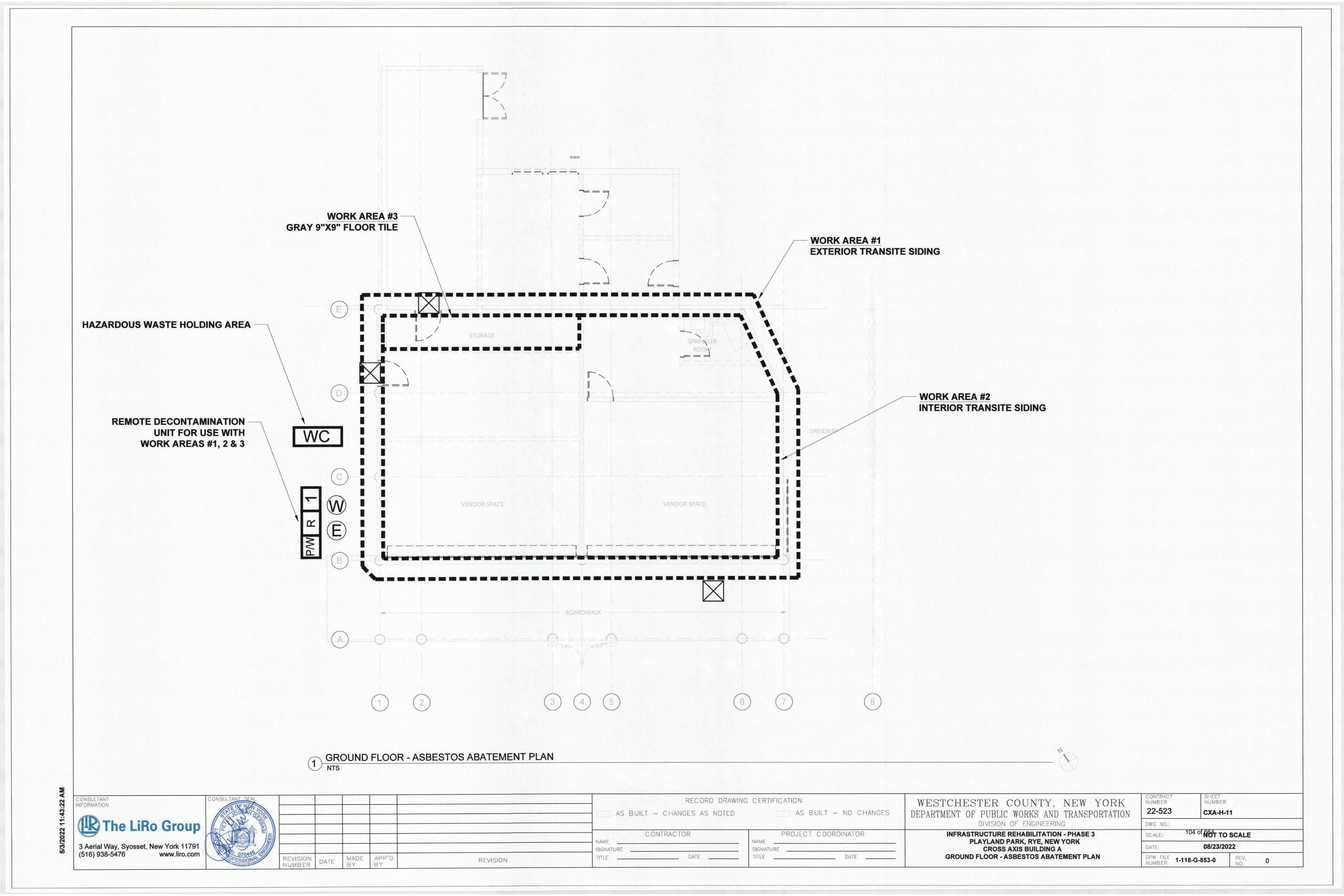
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

CONTRAC NUMBER 22-523 DWG NO .:

SHEET NUMBER CXA-H-10

DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK **CROSS AXIS BUILDING A GENERAL ASBESTOS ABATEMENT NOTES** 

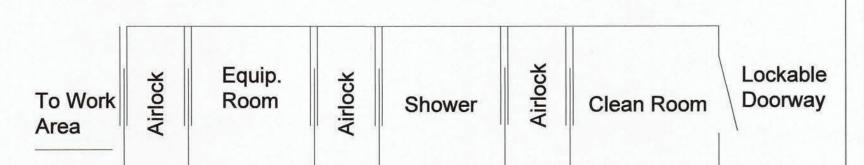
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# PLAYLAND REHABILITATION & UPGRADES **CXA-LEAD REMEDIATION**

1 PLAYLAND PKWY, RYE, NY 10580

## DETAILS:





LARGE PROJECT REMOTE WORKER Not To Scale

## LEGEND:

**WORK AREA LIMITS** 

HWSA

OSHA HANDWASHING STATION

HAZARDOUS WASTE STORAGE AREA



**AIRLOCK** 



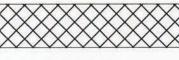
TEMPORARY WATER SOURCE



TEMPORARY ELECTRICAL SOURCE



**FASCIA WOOD TRIM** 



**WOOD PILASTER** 

WOOD COLUMN

## **SCOPE OF WORK TABLE:**

Work area	Location	Description	Material	Quantity	Procedure
			Fascia Wood Trim	50 SF	
		South	Wood Pilaster	36 SF	Manual Wet Scraping/Chemical Strip
1 4 50			Wood Columns	150 SF	
		West	Fascia Wood Trim	240 SF	
	CXA Cross Axis Building A (North		Wood Pilaster	24 SF	
	Games Buildings) Exterior	North	Upper Fascia Wood Trim	50 SF	
			Wood Pilaster	60 SF	
			Upper Fascia Wood Trim	30 SF	
		East	Wood Pilaster	24 SF	
			Lower Fascia Wood Trim	40 SF	

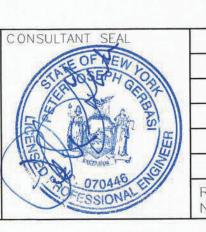
## **KEYPLAN:**



### **PROJECT NOTES:**

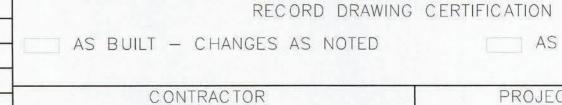
- . All layers of coating shall be considered as LBP and removed down to the substrates. Substrates coated with LBP and targeted for demolition may be removed and disposed of solid structure waste following TCLP testing.
- Substrates coated with LBP and targeted for refurbish and recoating shall be abated 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.
- . 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** 

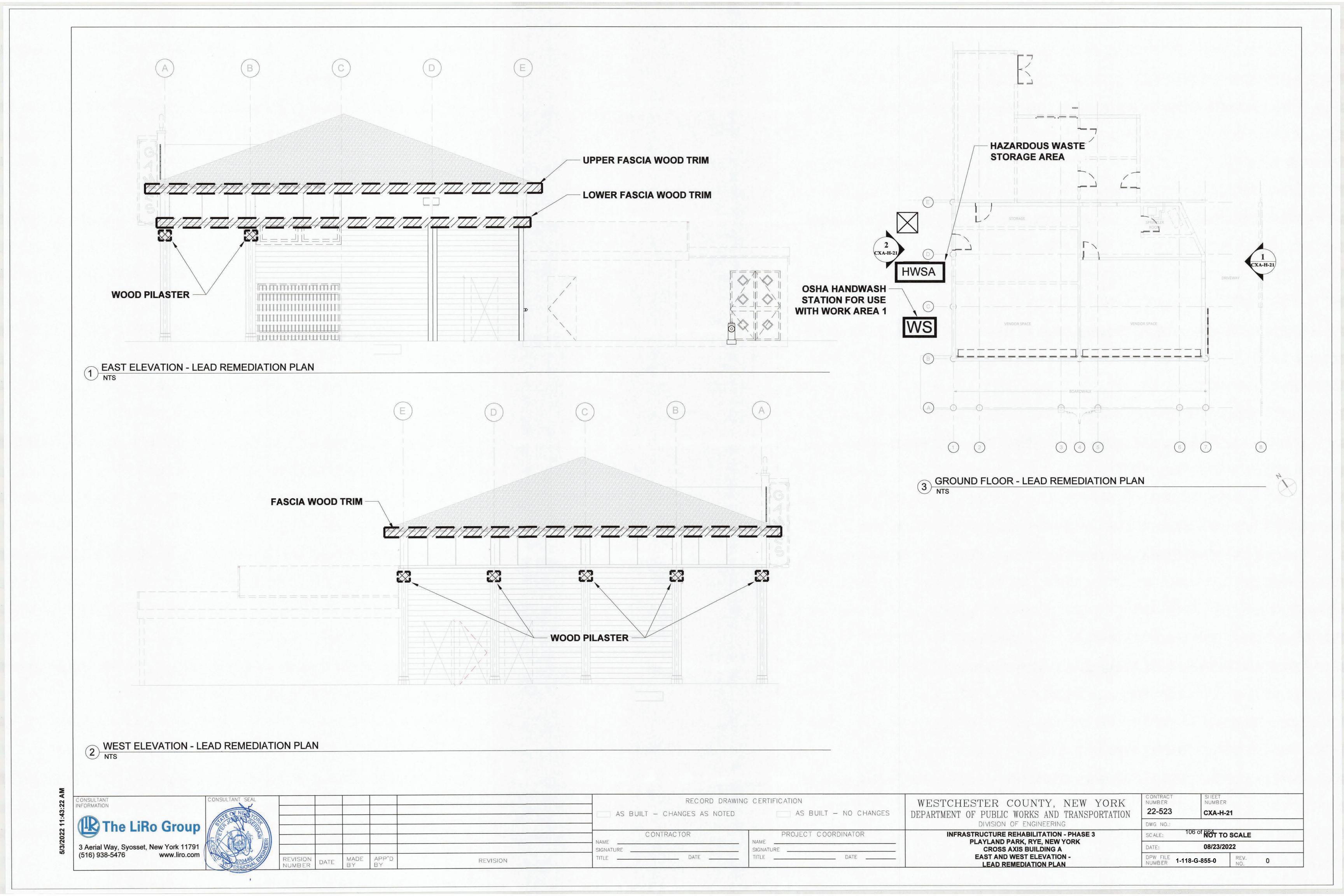
PLAYLAND PARK, RYE, NEW YORK

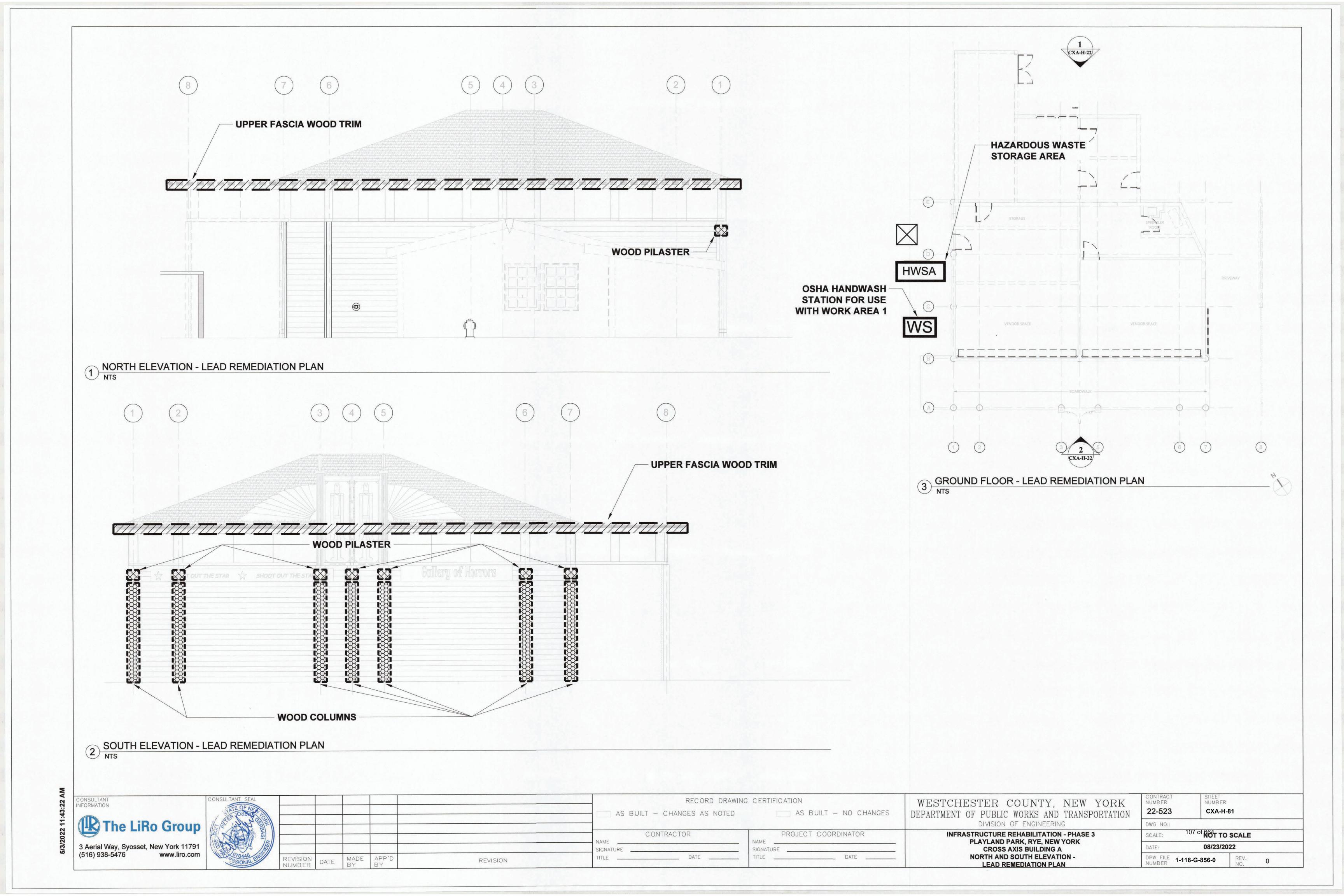
**CROSS AXIS BUILDING A GENERAL LEAD REMEDIATION NOTES** 

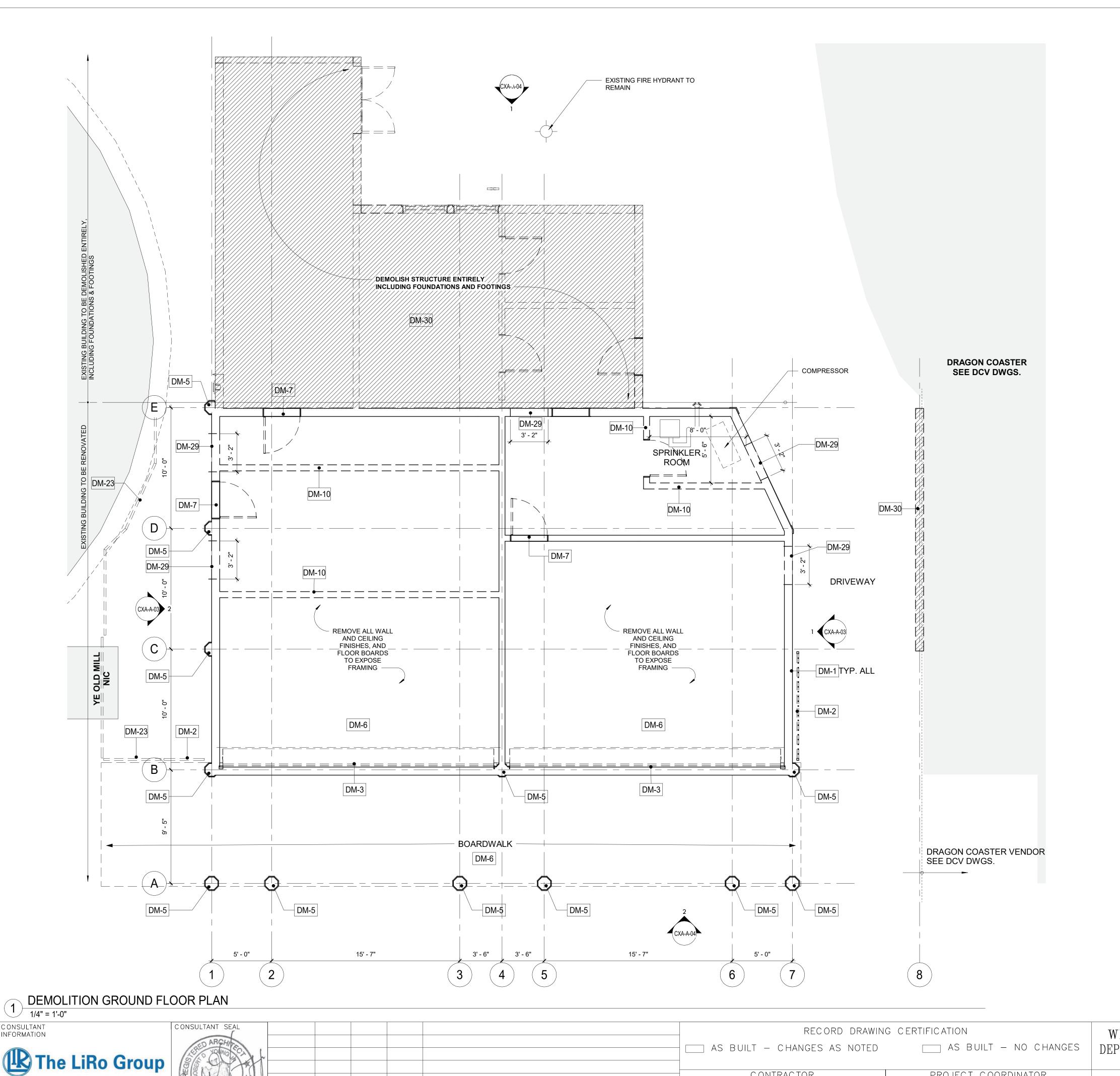
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SHEET NUMBER 22-523 CXA-H-20 O SCALE

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DATE:	08/23/2
DPW FILE NUMBER	1-118-G-854-0







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#### **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. PRIOR TO DEMOLITION, CONTRACTOR IS REQUIRED TO POSSES AN ASBESTOS -CONTAINMENT MATERIALS (ACM) PERMIT FROM THE DEPARTMENT OF LABOR.
- 4. 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.
- 5. 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. 6. DEMOLITION OF THE EXISTING BUILDING SHALL INCLUDE REMOVAL OF THE EXISTING FOUNDATIONS FOR THEIR ENTIRE DEPTH TO ACCOMMODATE INSTALLATION OF NEW FOUNDATIONS.
- 7. 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 GENERAL PUBLIC, ALL EXISTING STRUCTURES AND
- 8. SEE STRUCTURAL, ELECTRICAL, SPRINKLER, AND PLUMBING DRAWINGS FOR RELATED DEMOLITION
- 9. VERIFY LOCATION OF EXISTING STRUCTURES AND SHORE UP ROOF/FLOOR ABOVE AS REQUIRED BEFORE REMOVING WALL.
- 10. REMOVAL OF ALL CEILINGS AND MOUNTED ITEMS THROUGHOUT THE CONTRACT AREA INCLUDE
- ANCHORING HARDWARE, AND MISCELLANEOUS FASTENINGS, ETC. 11. WALLS SHALL BE REMOVED AS INDICATED ON DEMOLITION PLANS. ALL UTILITIES IN WALL SHALL BE
- CUT TO BELOW SLAB OR ABOVE THE CEILING. 12. 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. 13. 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. 14. THE GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING CONSTRUCTION DISTURBED BY THE WORK AND PREPARE FOR NEW FINISH AS SHOWN ON THE FINISH SCHEDULE.
- 15. THE EXISTING WOOD FLOOR SHALL BE CLEANED TO ALLOW FOR THE APPLICAITON OF NEW FLOOR 16. 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. 17. ALL DEBRIS REMOVED FROM THE SITE SHALL BE DISPOSED OF IN A LEGAL MANNER.
- 18. EXISTING EXITS SHALL REMAIN FULLY ACCESSIBLE AND UNOBSTRUCTED DURING THE PROGRESS OF THE WORK.

#### **DEMOLITION LEGEND**

INDICATES DEMOLITION \_\_\_\_\_ DEMOLITION KEY NOTES NIC INDICATES N.I.C.

LITION KEYNOTES
REMOVE EXISTING WOOD SIDING.
REMOVE EXISTING GATE.
REMOVE ROLL DOWN DOOR AND ASSOCIATED HARDWARE.
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.
REMOVE EXISTING WOOD DECKING. (COORDINATE EXTENT OF REMOVAL REQUIRED TO REPAIR FLOOR JOISTS TO REMAIN AS NEEDED - SEE STRUCTURAL DRAWINGS).
REMOVE EXISTING DOOR & FRAME.
REMOVE INTERIOR PARTITION.
REMOVE EXISTING FENCE.
REMOVE SECTION OF EXISTING WALL. PROVIDE HEADER AS REQUIRED TO CREATE A DOOR OPENING. SEE ELEVATIONS FOR EXTENT.
EXISTING STRUCTURE TO BE REMOVED IN ITS ENTIRETY. SEE PLANS FOR EXTENT OF REMOVAL.



PROJECT COORDINATOR

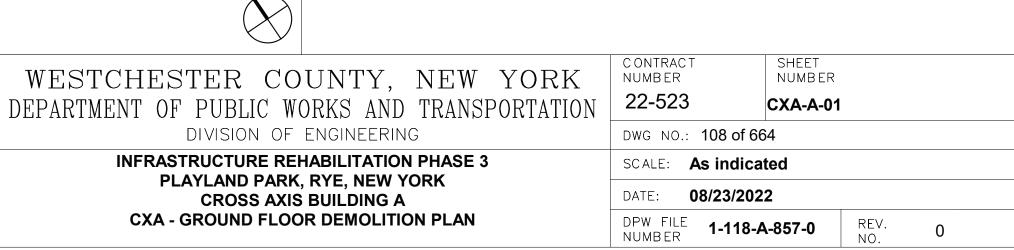
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CONTRACTOR

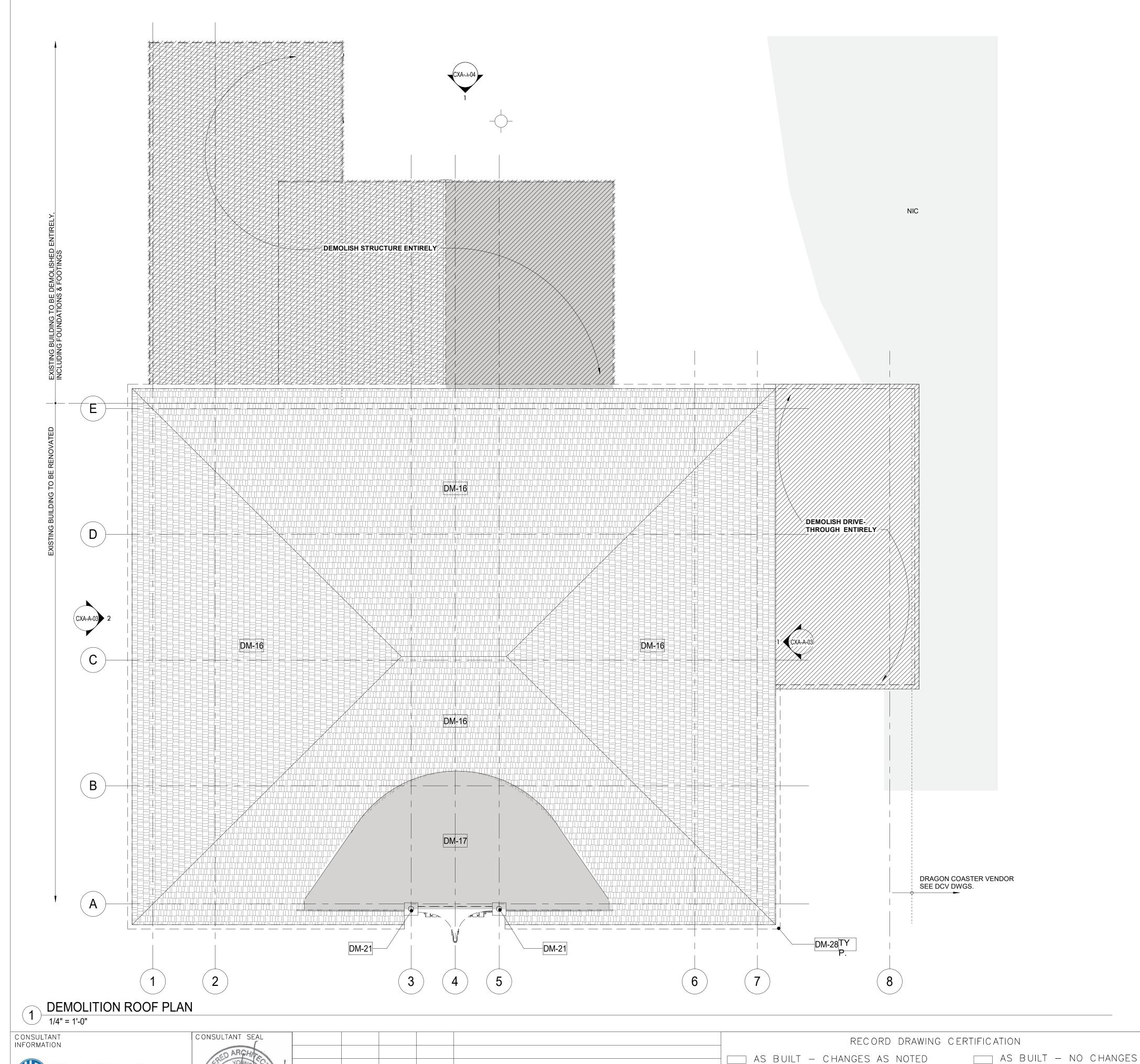
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3 Aerial Way, Syosset, New York 11791

(516) 938-5476



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NUMBER

#### **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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- 3. PRIOR TO DEMOLITION, CONTRACTOR IS REQUIRED TO POSSES AN ASBESTOS -CONTAINMENT MATERIALS (ACM) PERMIT FROM THE DEPARTMENT OF LABOR.
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- 6. DEMOLITION OF THE EXISTING BUILDING SHALL INCLUDE REMOVAL OF THE EXISTING FOUNDATIONS
- FOR THEIR ENTIRE DEPTH TO ACCOMMODATE INSTALLATION OF NEW FOUNDATIONS. 7. 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 GENERAL PUBLIC, ALL EXISTING STRUCTURES AND
- 8. SEE STRUCTURAL, ELECTRICAL, SPRINKLER, AND PLUMBING DRAWINGS FOR RELATED DEMOLITION
- 9. VERIFY LOCATION OF EXISTING STRUCTURES AND SHORE UP ROOF/FLOOR ABOVE AS REQUIRED
- BEFORE REMOVING WALL. 10. REMOVAL OF ALL CEILINGS AND MOUNTED ITEMS THROUGHOUT THE CONTRACT AREA INCLUDE
- ANCHORING HARDWARE, AND MISCELLANEOUS FASTENINGS, ETC.
- CUT TO BELOW SLAB OR ABOVE THE CEILING. 12. 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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- RESULTS. CONTRACTOR TO OBTAIN "SHUT OFF" APPROVALS FROM PLAYLAND PRIOR TO SCHEDULED DEMOLITION.
- 14. THE GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING CONSTRUCTION DISTURBED BY THE WORK AND PREPARE FOR NEW FINISH AS SHOWN ON THE FINISH SCHEDULE.
- 15. THE EXISTING WOOD FLOOR SHALL BE CLEANED TO ALLOW FOR THE APPLICAITON OF NEW FLOOR
- 16. 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.
- 17. ALL DEBRIS REMOVED FROM THE SITE SHALL BE DISPOSED OF IN A LEGAL MANNER.
- 18. EXISTING EXITS SHALL REMAIN FULLY ACCESSIBLE AND UNOBSTRUCTED DURING THE PROGRESS OF THE WORK.

#### **DEMOLITION LEGEND**

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INDICATES DEMOLITION

DEMOLITION KEY NOTES

INDICATES N.I.C.

**DEMOLITION KEYNOTES** 

REMOVE EXISTING ROOFING SHINGLES, UNDERLAYMENT AND ANY ROTTED WOOD SHEATHING. REPLACE DAMAGED SHEATHING TO MATCH EXISTING. COORDINATE WITH REMOVE EXISTING ROOFING MEMBRANES, UNDERLAYMENT AND ANY ROTTED WOOD SHEATHING. REPLACE EXISTING DAMAGED SHEATHING TO MATCH EXISTING.

COORDINATE WITH A/E. CAREFULLY REMOVE FINIAL LIGHTS (H6) FOR REFURBISHMENT AND REINSTALLATION

REMOVE EXISTING GUTTER, FASCIA, AND SOFFITS.

\* COORDINATE EXTENT OF REMOVAL REQUIRED TO REPAIR FLOOR JOISTS - SEE STRUCTURAL DRAWINGS.

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

22-523 DWG NO.: 109 of 664 SCALE: **As indicated** 

NUMBER

DATE: **08/23/2022** DPW FILE 1-118-A-858-0

SHEET NUMBER

CXA-A-02

3 Aerial Way, Syosset, New York 11791

DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION PHASE 3** PLAYLAND PARK, RYE, NEW YORK

PROJECT COORDINATOR

NAME

SIGNATURE \_\_\_\_

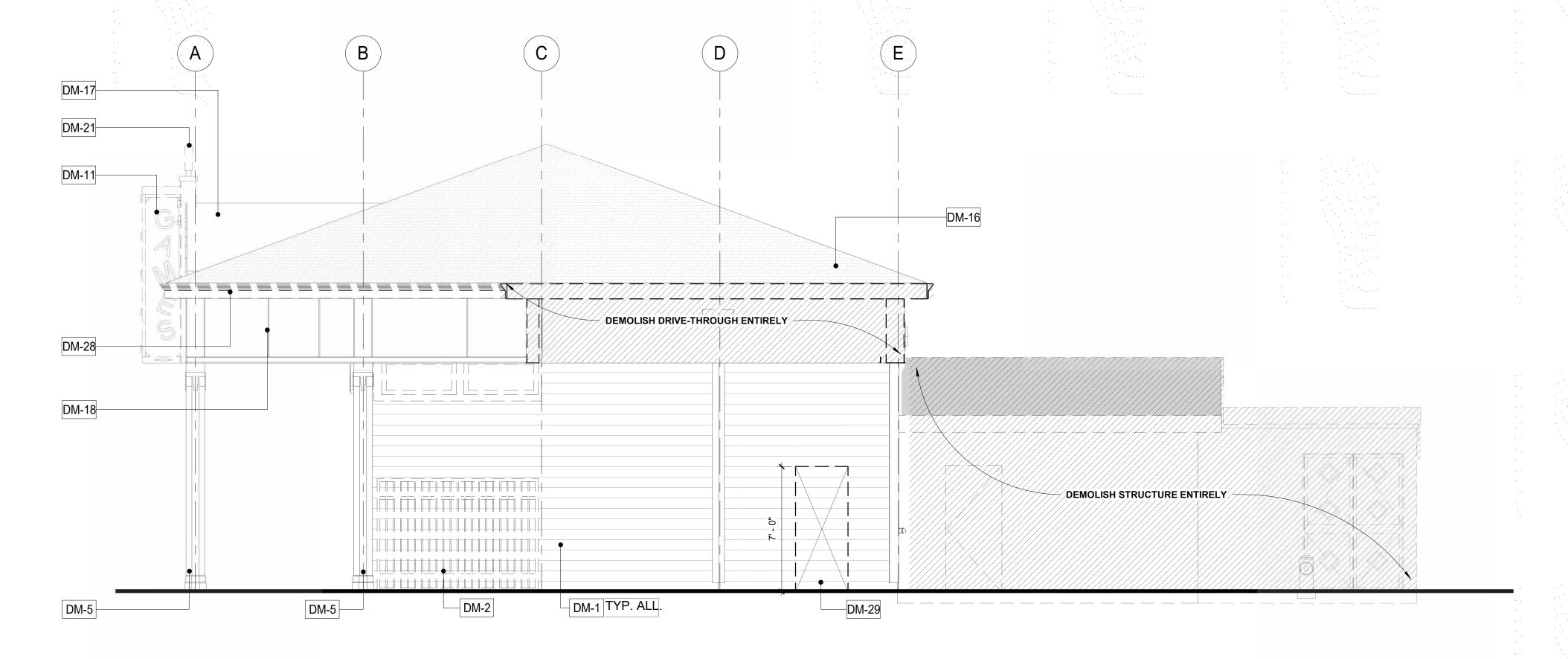
CONTRACTOR

DATE

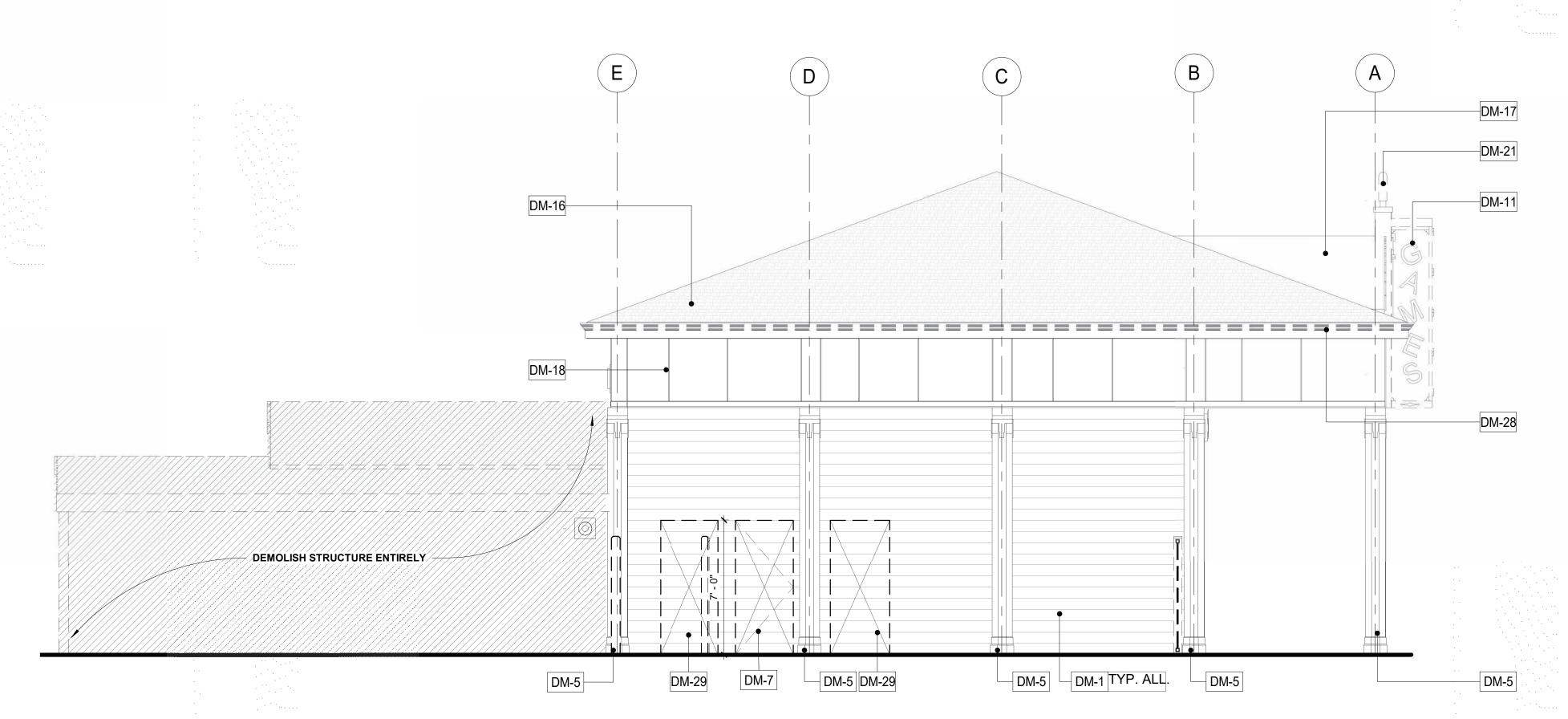
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REVISION

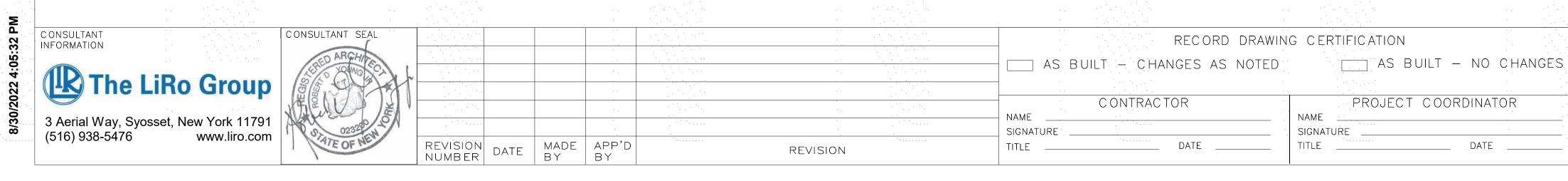
**CROSS AXIS BUILDING A CXA - ROOF FLOOR DEMOLITION PLAN** 



DEMOLITION BUILDING ELEVATION - EAST



**DEMOLITION BUILDING ELEVATION - WEST** 1/4" = 1'-0"



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 A **CXA - DEMOLITION ELEVATIONS** 

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· . ·	CONTRACT NUMBER	SHEET NUMBER			
1	22-523	CXA-A-03			
	DWG NO.: 110 of 66	64			
	SCALE: As indicate	ted			
	DATE: <b>08/23/202</b>	2			
	DPW FILE 1-118-A	\-859-0	REV. NO.	0	
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## **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. PRIOR TO DEMOLITION, CONTRACTOR IS REQUIRED TO POSSES AN ASBESTOS -CONTAINMENT MATERIALS (ACM) PERMIT FROM THE DEPARTMENT OF LABOR.
- 4. 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. 5. 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. 6. DEMOLITION OF THE EXISTING BUILDING SHALL INCLUDE REMOVAL OF THE EXISTING FOUNDATIONS
- FOR THEIR ENTIRE DEPTH TO ACCOMMODATE INSTALLATION OF NEW FOUNDATIONS. 7. 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 GENERAL PUBLIC, ALL EXISTING STRUCTURES AND
- 8. SEE STRUCTURAL, ELECTRICAL, SPRINKLER, AND PLUMBING DRAWINGS FOR RELATED DEMOLITION
- 9. VERIFY LOCATION OF EXISTING STRUCTURES AND SHORE UP ROOF/FLOOR ABOVE AS REQUIRED BEFORE REMOVING WALL.
- 10. REMOVAL OF ALL CEILINGS AND MOUNTED ITEMS THROUGHOUT THE CONTRACT AREA INCLUDE
- ANCHORING HARDWARE, AND MISCELLANEOUS FASTENINGS, ETC. 11. WALLS SHALL BE REMOVED AS INDICATED ON DEMOLITION PLANS. ALL UTILITIES IN WALL SHALL BE
- CUT TO BELOW SLAB OR ABOVE THE CEILING. 12. 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...
- 13. 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
- 14. THE GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING CONSTRUCTION DISTURBED
- BY THE WORK AND PREPARE FOR NEW FINISH AS SHOWN ON THE FINISH SCHEDULE. 15. THE EXISTING WOOD FLOOR SHALL BE CLEANED TO ALLOW FOR THE APPLICAITON OF NEW FLOOR
- 16. 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.
- 17. ALL DEBRIS REMOVED FROM THE SITE SHALL BE DISPOSED OF IN A LEGAL MANNER. 18. EXISTING EXITS SHALL REMAIN FULLY ACCESSIBLE AND UNOBSTRUCTED DURING THE PROGRESS OF

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

REMOVE EXISTING ROOFING SHINGLES, UNDERLAYMENT AND ANY ROTTED WOOD SHEATHING.

SHEATHING. REPLACE EXISTING DAMAGED SHEATHING TO MATCH EXISTING. COORDINATE WITH

CAREFULLY REMOVE AND RETURN TO OWNER ALL EXISTING SIGNAGE AND LETTERING. COORDINATE SIGNAGE REMOVAL WITH OWNER PRIOR TO REMOVAL OF ANY SIGNAGE.

REMOVE EXISTING ROOFING MEMBRANES, UNDERLAYMENT AND ANY ROTTED WOOD

CAREFULLY REMOVE FINIAL LIGHTS (H6) FOR REFURBISHMENT AND REINSTALLATION

REMOVE SECTION OF EXISTING WALL. PROVIDE HEADER AS REQUIRED TO CREATE A DOOR

REPLACE DAMAGED SHEATHING TO MATCH EXISTING. COORDINATE WITH A/E.

## **DEMOLITION LEGEND**

	INDICATES DEMOLITION
DM - #	DEMOLITION KEY NOTES
 NIC	INDICATES N.I.C.

**DEMOLITION KEYNOTES** 

REMOVE EXISTING WOOD SIDING.

REMOVE EXISTING DOOR & FRAME.

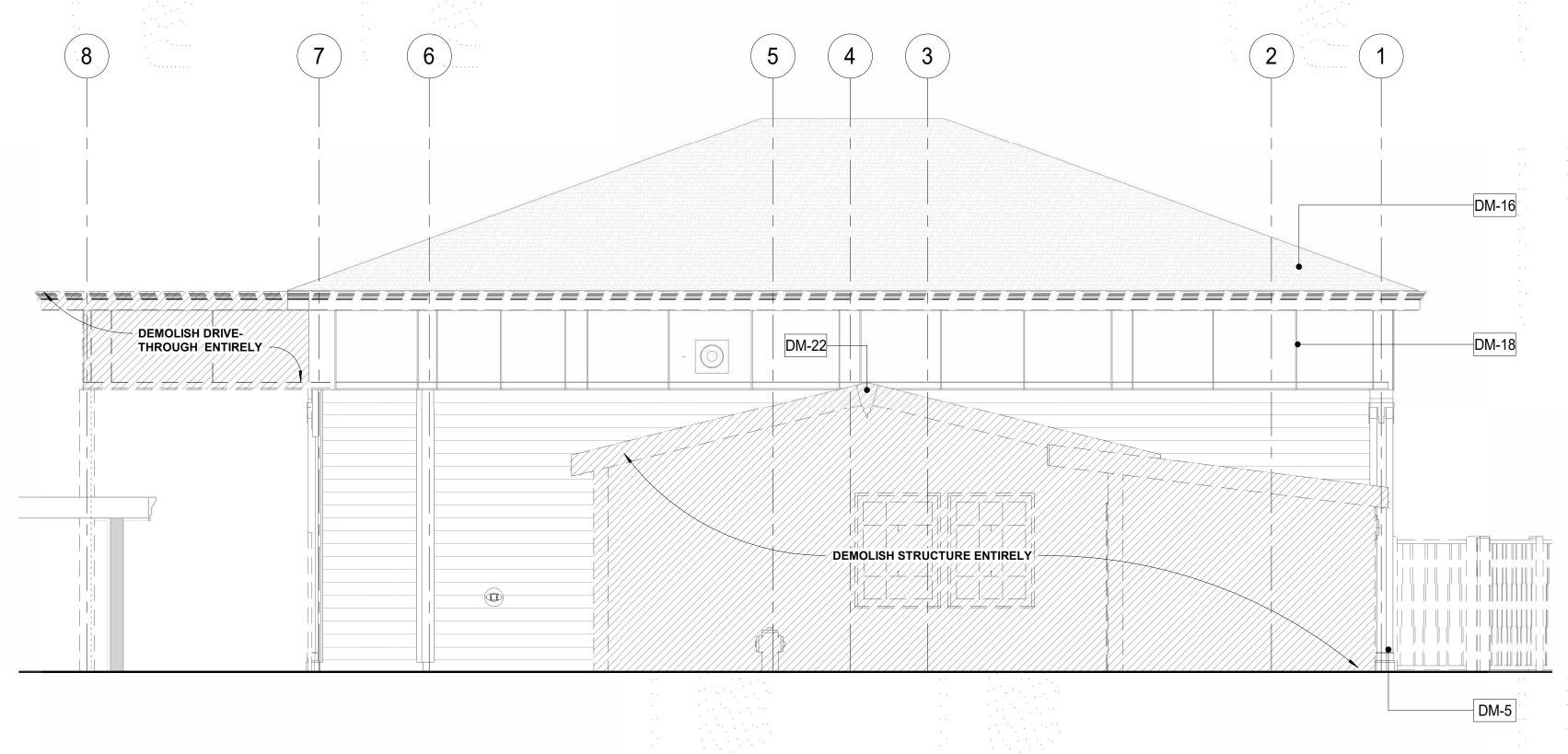
REMOVE EXISTING PANELS & TRIMS.

OPENING. SEE ELEVATIONS FOR EXTENT.

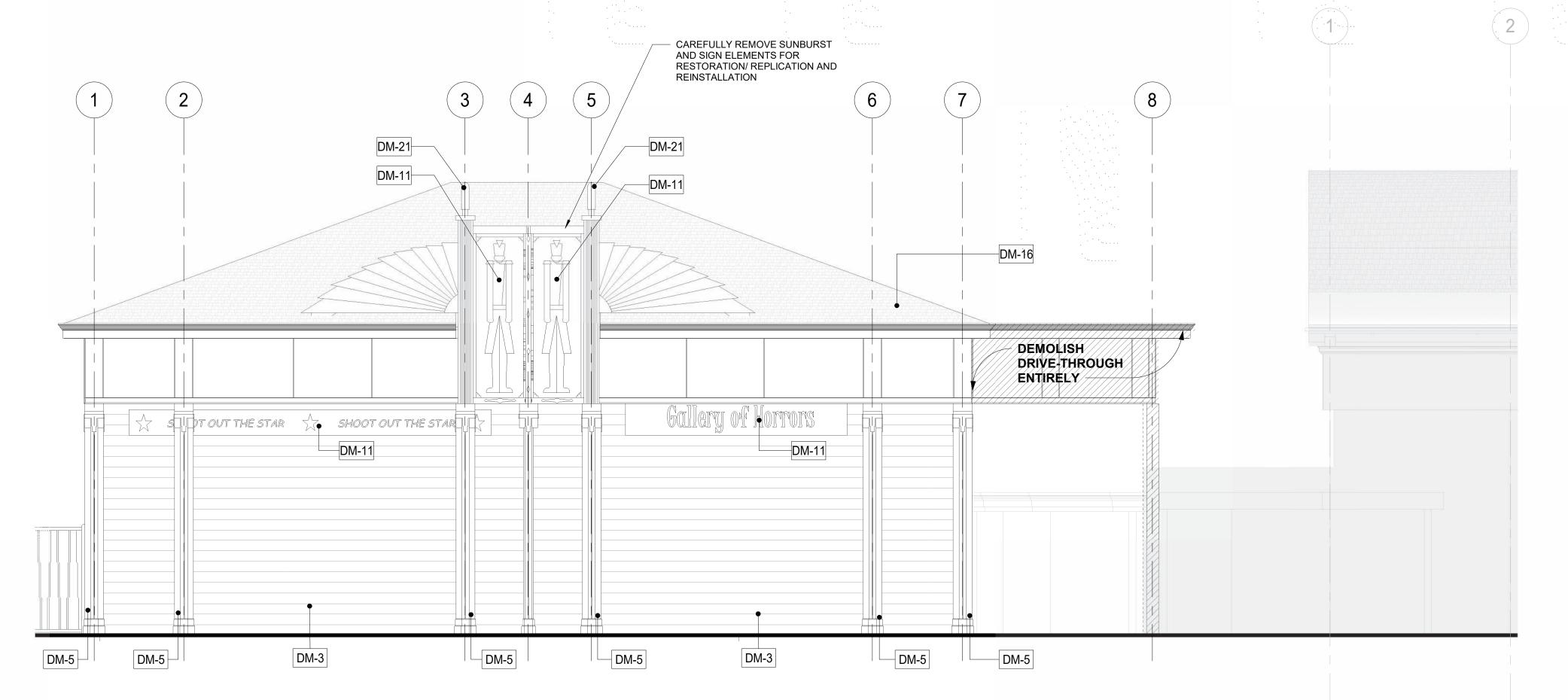
REMOVE EXISTING GUTTER, FASCIA, AND SOFFITS.

INDICATED. COORDINATE WITH STRUCTURAL DRAWINGS.

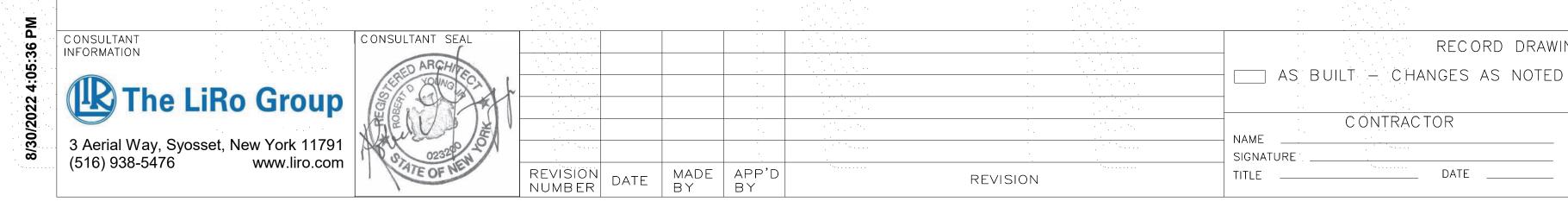
REMOVE EXISTING GATE.



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



**DEMOLITION BUILDING ELEVATION - SOUTH** 1/4" = 1'-0"



WESTCHESTER COUNTY, NEW YORK AS BUILT - NO CHANGES. DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

PROJECT COORDINATOR

RECORD DRAWING CERTIFICATION

NAME

SIGNATURE \_\_\_\_

CONTRACTOR

DATE

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

**CXA - DEMOLITION ELEVATIONS** 

NUMBER NUMBER -22-523 CXA-A-04 DWG NO.: 111 of 664 SCALE: **As indicated** DATE: **08/23/2022** 1-118-A-860-0

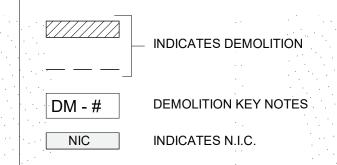
#### **DEMOLITION NOTES:**

- 1. THE GENERAL CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIM/HERSELF WITH EXISTING CONDITIONS AND REQUIREMENTS OF THE WORK. THE GENERAL CONTRACTOR SHALL FIELD VERIFY EXACT QUANTITIES OF ALL ITEMS TO BE REMOVED.
- 2. THE CONTRACTOR SHALL PHOTOGRAPH AND DOCUMENT EXISTING HISTORIC DECORATIVE TRIMS INCLUDING SIZES AND PROFILES PRIOR TO ENVIRONMENTAL REMEDIATION WORK START.
- 3. PRIOR TO DEMOLITION, CONTRACTOR IS REQUIRED TO POSSES AN ASBESTOS -CONTAINMENT MATERIALS (ACM) PERMIT FROM THE DEPARTMENT OF LABOR.
- 4. 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. 5. 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. 6. DEMOLITION OF THE EXISTING BUILDING SHALL INCLUDE REMOVAL OF THE EXISTING FOUNDATIONS FOR THEIR ENTIRE DEPTH TO ACCOMMODATE INSTALLATION OF NEW FOUNDATIONS.
- 7. 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 GENERAL PUBLIC, ALL EXISTING STRUCTURES AND
- 8. SEE STRUCTURAL, ELECTRICAL, SPRINKLER, AND PLUMBING DRAWINGS FOR RELATED DEMOLITION
- 9. VERIFY LOCATION OF EXISTING STRUCTURES AND SHORE UP ROOF/FLOOR ABOVE AS REQUIRED BEFORE REMOVING WALL.
- 10. REMOVAL OF ALL CEILINGS AND MOUNTED ITEMS THROUGHOUT THE CONTRACT AREA INCLUDE
- ANCHORING HARDWARE, AND MISCELLANEOUS FASTENINGS, ETC. 11. WALLS SHALL BE REMOVED AS INDICATED ON DEMOLITION PLANS. ALL UTILITIES IN WALL SHALL BE
- CUT TO BELOW SLAB OR ABOVE THE CEILING. 12. 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. 13. 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. 14. THE GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING CONSTRUCTION DISTURBED BY THE WORK AND PREPARE FOR NEW FINISH AS SHOWN ON THE FINISH SCHEDULE.
- 15. THE EXISTING WOOD FLOOR SHALL BE CLEANED TO ALLOW FOR THE APPLICAITON OF NEW FLOOR COATING.
- 16. 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.
- 17. ALL DEBRIS REMOVED FROM THE SITE SHALL BE DISPOSED OF IN A LEGAL MANNER.
- 18. EXISTING EXITS SHALL REMAIN FULLY ACCESSIBLE AND UNOBSTRUCTED DURING THE PROGRESS OF

## **DEMOLITION LEGEND**



**DEMOLITION KEYNOTES** 

REMOVE ROLL DOWN DOOR AND ASSOCIATED HARDWARE

REMOVE EXISTING PANELS & TRIMS.

REMOVE COLUMN ENCLOSURES. CAREFULLY REMOVE AT LEAST ONE COLUMN

SIZE AND SHAPE AS INDICATED. COORDINATE WITH STRUCTURAL DRAWINGS.

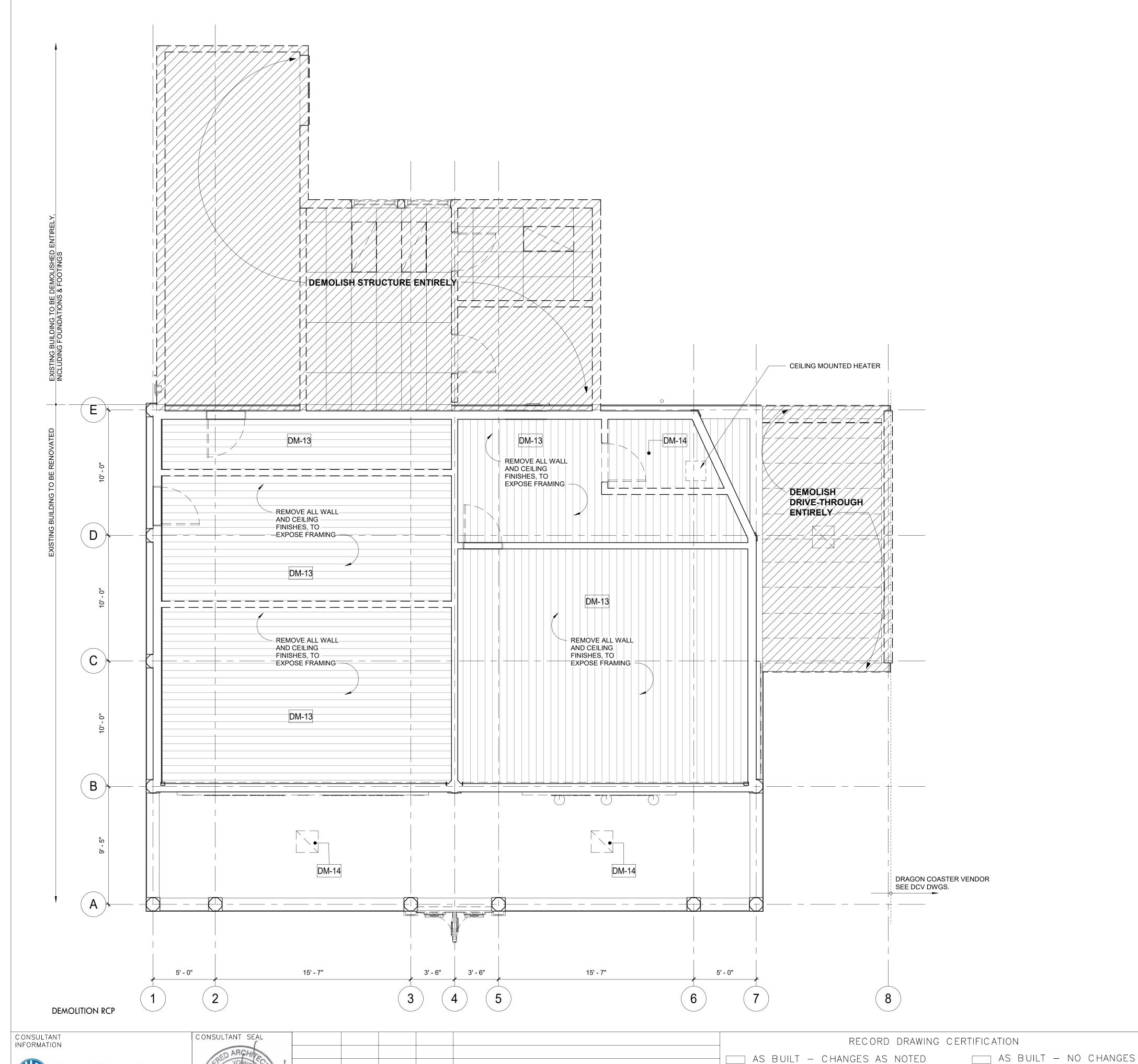
ENCLOSURE TO USE AS REFERENCE IN ORDER TO REPLICATE TRIMS TO MATCH LOCATION

SHEATHING. REPLACE DAMAGED SHEATHING TO MATCH EXISTING. COORDINATE WITH A/E.

CAREFULLY REMOVE AND RETURN TO OWNER ALL EXISTING SIGNAGE AND LETTERING COORDINATE SIGNAGE REMOVAL WITH OWNER PRIOR TO REMOVAL OF ANY SIGNAGE. REMOVE EXISTING ROOFING SHINGLES, UNDERLAYMENT AND ANY ROTTED WOOD

CAREFULLY REMOVE FINIAL LIGHTS (H6) FOR REFURBISHMENT AND REINSTALLATION EXTERIOR GRADE 3/4" PLYWOOD SHEATHING, AT ALL INDICATED FLAT SURFACES. LOCATE

MATERIAL JOINTS TO OCCUR BELOW DOCUMENTED LOCATION OF BATTEN TRIMS.



REVISION

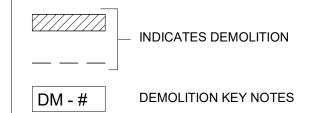
MADE APP'D BY BY

NUMBER

#### **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.
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- BEFORE REMOVING WALL. 10. REMOVAL OF ALL CEILINGS AND MOUNTED ITEMS THROUGHOUT THE CONTRACT AREA INCLUDE
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- 11. WALLS SHALL BE REMOVED AS INDICATED ON DEMOLITION PLANS. ALL UTILITIES IN WALL SHALL BE CUT TO BELOW SLAB OR ABOVE THE CEILING.
- 12. REMOVE ALL EXISTING ELECTRICAL AND PLUMBING LINES NOT TO BE RE-USED. CAP PLUMBING LINES AS REQUIRED. ELECTRICAL WIRING SHALL BE DISCONNECTED BACK TO THE NEAREST ACTIVE LOCATION. ALL ABANDONED COMMUNICATION CABLES (DATA, TELEPHONE, FIRE ALARM, AND AUDIO/VIDEO CABLES) SHALL BE REMOVED TO SOURCE IF NOT TAGGED FOR FUTURE USE.
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- 14. THE GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING CONSTRUCTION DISTURBED BY THE WORK AND PREPARE FOR NEW FINISH AS SHOWN ON THE FINISH SCHEDULE.
- 15. THE EXISTING WOOD FLOOR SHALL BE CLEANED TO ALLOW FOR THE APPLICAITON OF NEW FLOOR
- 16. 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.
- 17. ALL DEBRIS REMOVED FROM THE SITE SHALL BE DISPOSED OF IN A LEGAL MANNER.
- 18. EXISTING EXITS SHALL REMAIN FULLY ACCESSIBLE AND UNOBSTRUCTED DURING THE PROGRESS OF THE WORK.

### **DEMOLITION LEGEND**



INDICATES N.I.C.

## **DEMOLITION KEYNOTES**

REMOVE EXISTING CEILING AND ALL ACCESSORIES AND EQUIPMENT REMOVE EXISTING LIGHTING FIXTURES AND ELECTRICAL WIRING CONNECTED TO THESE

FIXTURES. SEE ELECTRICAL FOR DETAILS.

PROJECT COORDINATOR

NAME

SIGNATURE \_\_\_\_

CONTRACTOR

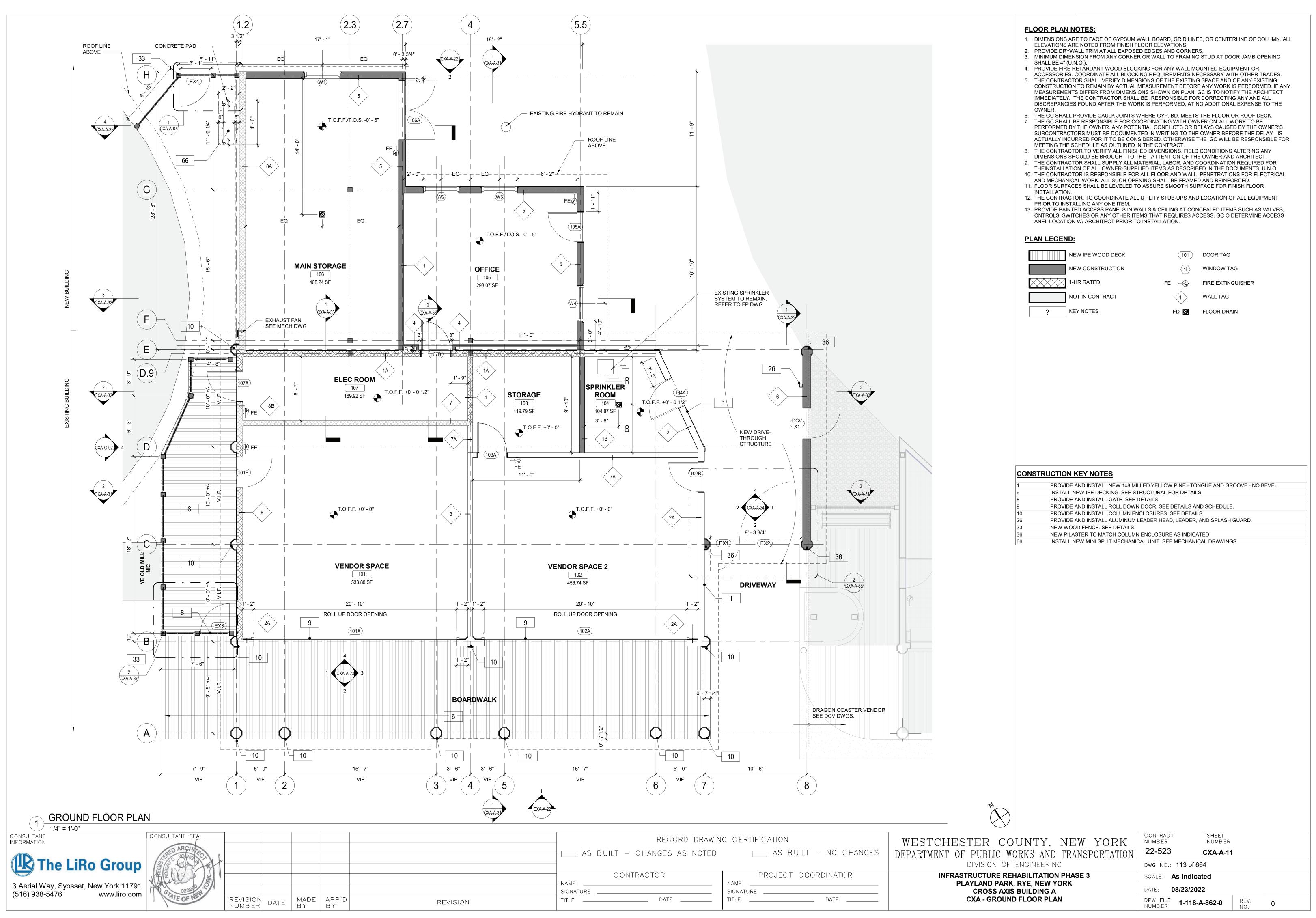
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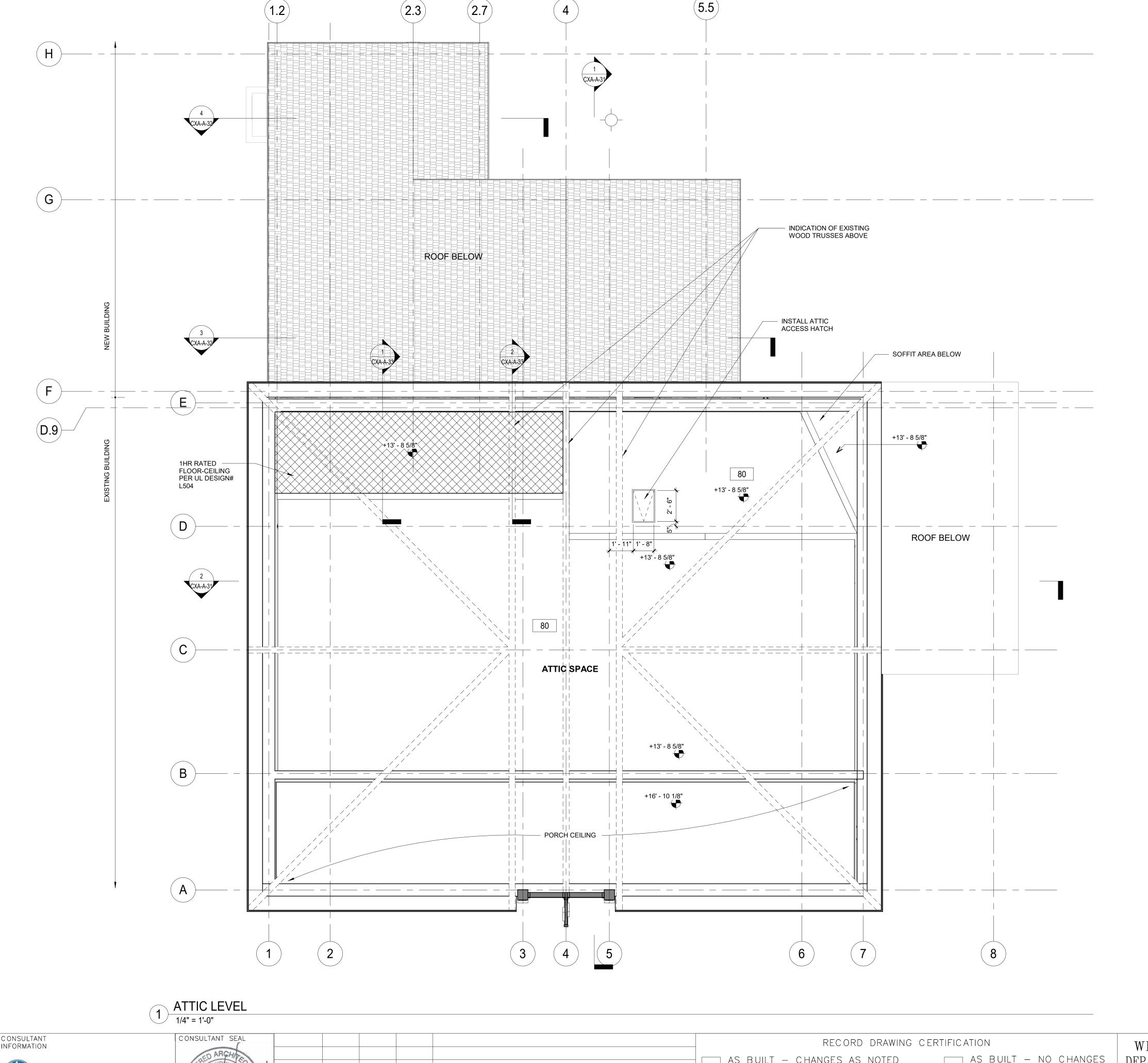
SIGNATURE

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 A **CXA - DEMOLITION REFLECTED CEILING PLAN** DPW FILE **1-118-A-861-0** NUMBER

SHEET NUMBER 22-523 CXA-A-05 DWG NO.: 112 of 664 SCALE: **As indicated** DATE: **08/23/2022** 

3 Aerial Way, Syosset, New York 11791





#### **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.)
- SHALL BE 4" (U.N.O.).
  4. PROVIDE FIRE RETARDANT WOOD BLOCKING FOR ANY WALL MOUNTED EQUIPMENT OR
- ACCESSORIES. COORDINATE ALL BLOCKING REQUIREMENTS NECESSARY WITH OTHER TRADES.

  5. THE CONTRACTOR SHALL VERIFY DIMENSIONS OF THE EXISTING SPACE AND OF ANY EXISTING CONSTRUCTION TO REMAIN BY ACTUAL MEASUREMENT BEFORE ANY WORK IS PERFORMED. IF ANY MEASUREMENTS DIFFER FROM DIMENSIONS SHOWN ON PLAN, GC IS TO NOTIFY THE ARCHITECT IMMEDIATELY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY AND ALL DISCREPANCIES FOUND AFTER THE WORK IS PERFORMED, AT NO ADDITIONAL EXPENSE TO THE
- THE GC SHALL PROVIDE CAULK JOINTS WHERE GYP. BD. MEETS THE FLOOR OR ROOF DECK.
   THE GC SHALL BE RESPONSIBLE FOR COORDINATING WITH OWNER ON ALL WORK TO BE
  PERFORMED BY THE OWNER. ANY POTENTIAL CONFLICTS OR DELAYS CAUSED BY THE OWNER'S
  SUBCONTRACTORS MUST BE DOCUMENTED IN WRITING TO THE OWNER BEFORE THE DELAY IS
  ACTUALLY INCURRED FOR IT TO BE CONSIDERED. OTHERWISE THE GC WILL BE RESPONSIBLE FOR
- MEETING THE SCHEDULE AS OUTLINED IN THE CONTRACT.

  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
- 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:

NEW IPE WOOD DECK	101	DOOR TAG
NEW CONSTRUCTION	<b>⟨1i⟩</b>	WINDOW TAG
1-HR RATED	FE 🚭	FIRE EXTINGUISHER
NOT IN CONTRACT	<del>1</del> i	WALL TAG
? KEY NOTES	FD 🔯	FLOOR DRAIN

## **CONSTRUCTION KEY NOTES**

NEW 3/4" PLYWOOD FLOOR

The LiRo Group

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

RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED

AS BUILT - CHANGES AS NOTED

CONTRACTOR

NAME

SIGNATURE

REVISION

REVISION

REVISION

RECORD DRAWING CERTIFICATION

AS BUILT - NO CHANGES

PROJECT COORDINATOR

NAME

SIGNATURE

TITLE

DATE

TITLE

DATE

TITLE

DATE

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

INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING A
CXA - ATTIC LEVEL PLAN

CONTRACT NUMBER

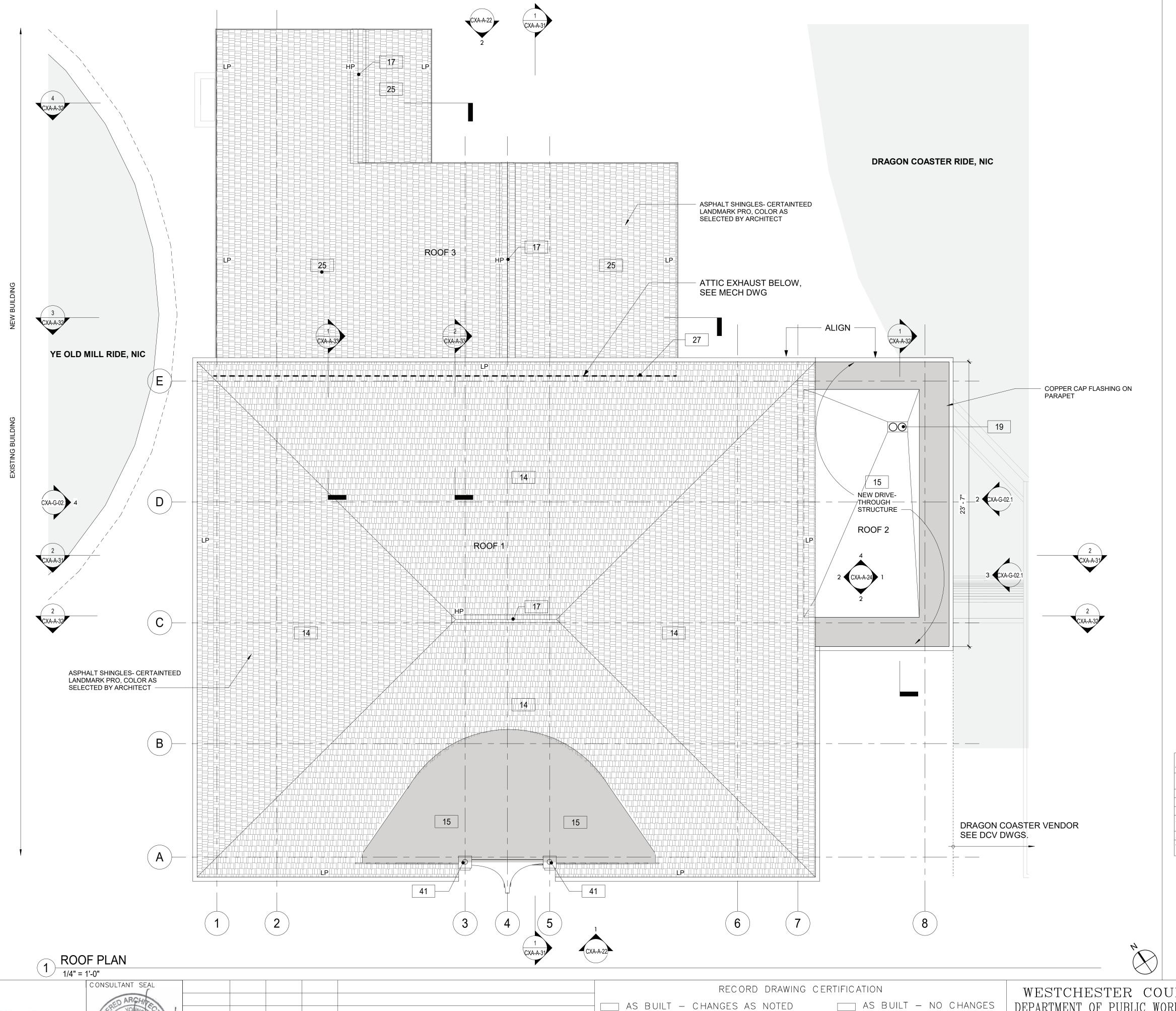
22-523 CXA-A-12

DWG NO.: 114 of 664

SCALE: As indicated

DATE: 08/23/2022

DPW FILE NUMBER 1-118-A-863-0 REV. NO. 0



#### **FLOOR PLAN NOTES:**

- 1. DIMENSIONS ARE TO FACE OF GYPSUM WALL BOARD, GRID LINES, OR CENTERLINE OF COLUMN. ALL ELEVATIONS ARE NOTED FROM FINISH FLOOR ELEVATIONS.
- 2. PROVIDE DRYWALL TRIM AT ALL EXPOSED EDGES AND CORNERS.
- 3. MINIMUM DIMENSION FROM ANY CORNER OR WALL TO FRAMING STUD AT DOOR JAMB OPENING SHALL BE 4" (U.N.O.).
- 4. PROVIDE FIRE RETARDANT WOOD BLOCKING FOR ANY WALL MOUNTED EQUIPMENT OR ACCESSORIES. COORDINATE ALL BLOCKING REQUIREMENTS NECESSARY WITH OTHER TRADES. 5. THE CONTRACTOR SHALL VERIFY DIMENSIONS OF THE EXISTING SPACE AND OF ANY EXISTING
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- 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 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
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- 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:**

NEW IPE WOOD DECK (101) DOOR TAG NEW CONSTRUCTION WINDOW TAG -HR RATED FE - FIRE EXTINGUISHER NOT IN CONTRACT WALL TAG ? KEY NOTES FD FLOOR DRAIN

**CONSTRUCTION KEY NOTES** 

PROVIDE NEW ASPHALT SHINGLE ROOFING, UNDERLAYMENT, AND REPLACE IN KIND EXISTING DECKING AS REQUIRED (COORDINATE WITH STRUCTURAL).

PROVIDE AND INSTALL SBS MODIFIED BITUMEN ROOFING AND UNDERLAYMENT. PROVIDE AND INSTALL RIDGE VENT AT ROOF HIPS.

PROVIDE AND INSTALL ROOF DRAIN. SEE PLUMBING DRAWINGS.

NEW ROOF WITH ASPHALT SHINGLE ROOFING WITH TWO LAYERS OF UNDERLAYMENT, AND SHEATHING.

PROVIDE AND INSTALL STEP FLASHING WHERE SLOPE ROOFS MEET VERTICAL WALLS.

INSTALL REFURBISHED FINIAL LIGHTS (H6). ARCHITECT TO APPROVE FINISH AND ANY NEEDED MODIFICATIONS TO H6 LIGHTS DURING REFURBISHMENT.

SHEET NUMBER WESTCHESTER COUNTY, NEW YORK NUMBER 22-523 CXA-A-13 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING DWG NO.: 115 of 664 **INFRASTRUCTURE REHABILITATION PHASE 3** SCALE: **As indicated** PLAYLAND PARK, RYE, NEW YORK DATE: **08/23/2022** CROSS AXIS BUILDING A CXA - ROOF PLAN DPW FILE 1-118-A-864-0

PROJECT COORDINATOR

NAME

SIGNATURE \_\_\_

CONTRACTOR

DATE

NAME

REVISION

SIGNATURE

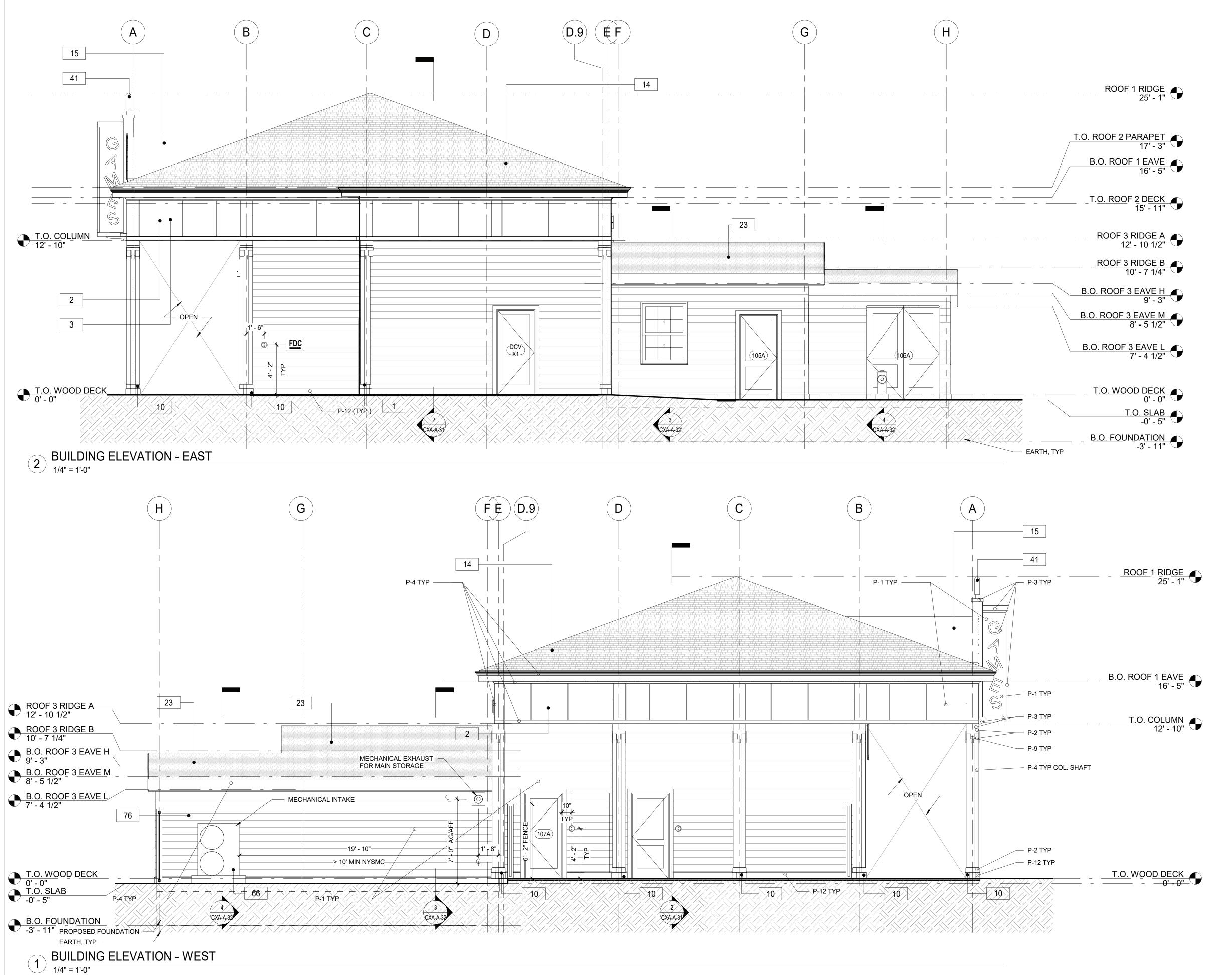
CONSULTANT INFORMATION

The LiRo Group

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

MADE APP'D BY BY

REVISION NUMBER



#### **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" (UNO).
- 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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- 10. THE GC IS RESPONSIBLE FOR ALL FLOOR AND WALL PENETRATIONS FOR ELECTRICAL AND
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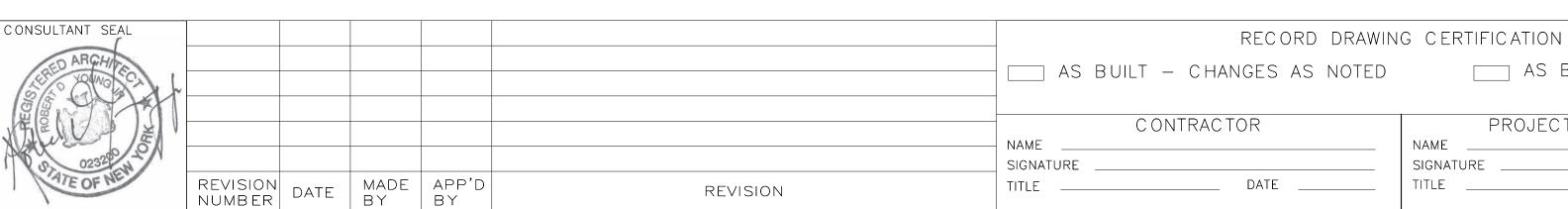
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KEY	COLOR	MANUFACTURER	REMARKS		
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P- 6	LUCK OF THE IRISH #588	BENJAMIN MOORE			
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P- 8	ANTELOPE CANYON #125	BENJAMIN MOORE			
P- 9	FORSYTHIA #6907	SHERWIN WILLIAMS			
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P- 13	READY MIX WHITE	BENJAMIN MOORE	INTERIOR USE ONLY		
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P- 15	VAN DEUSEN BLUE #HC-156	BENJAMIN MOORE			
P- 16	#RAL9001	-	TYP. ROLL UP DOOR		
P- 17	FLORIDA BEACHES #900	BENJAMIN MOORE			
P- 18	PIRATES COVE PEACH #903	BENJAMIN MOORE			
P- 19	JADITE #6459	SHERWIN WILLIAMS			
P- 20	DECISIVE YELLOW #6902	SHERWIN WILLIAMS			

#### **CONSTRUCTION KEY NOTES** PROVIDE AND INSTALL NEW 1x8 MILLED YELLOW PINE - TONGUE AND GROOVE - NO BEVEL PROVIDE AND INSTALL EXTERIOR GRADE SIDING WITH BATTENS. REPLICATE TRIMS TO MATCH DOCUMENTED TRIM, LOCATIONS, SIZE AND SHAPE. FINISH PAINT COLORS AS SCHEDULED. PROVIDE AND INSTALL COLUMN ENCLOSURES. SEE DETAILS. PROVIDE NEW ASPHALT SHINGLE ROOFING, UNDERLAYMENT, AND REPLACE IN KIND EXISTING DECKING AS REQUIRED (COORDINATE WITH STRUCTURAL). PROVIDE AND INSTALL SBS MODIFIED BITUMEN ROOFING AND UNDERLAYMENT. NEW ROOF WITH BATT INSULATION (R-38 MIN) PACKED BETWEEN JOISTS. PROVIDE AND INSTALI SHINGLES, UNDERLAYMENT SHEATHING AND FLASHING SYSTEM. INSTALL REFURBISHED FINIAL LIGHTS (H6). ARCHITECT TO APPROVE FINISH AND ANY NEEDED MODIFICATIONS TO H6 LIGHTS DURING RÉFURBISHMENT.

INSTALL NEW MINI SPLIT MECHANICAL UNIT. SEE MECHANICAL DRAWINGS.

INSTALL NEW EXHAUST SYSTEM. SEE MECHANICAL DRAWINGS.





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

AS BUILT - NO CHANGES

PROJECT COORDINATOR

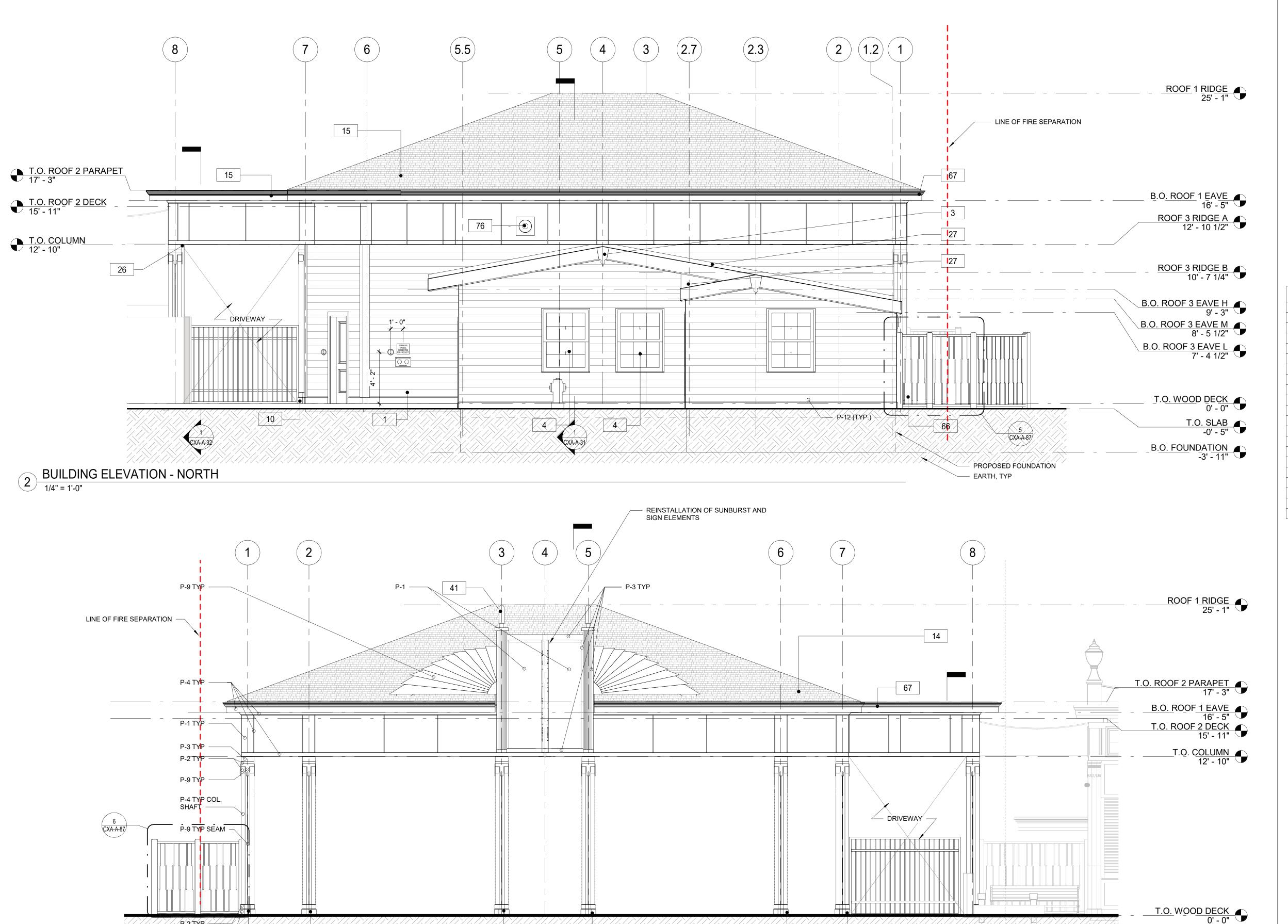
NAME

TITLE

SIGNATURE \_

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

K	C ONTRACT NUMB ER	SHEET NUMBER			
ION	22-523	CXA-A-21			
	DWG NO.: 116 of 66	64			
	SCALE: As indica	ted			
	DATE: <b>08/23/202</b>	2			
	DPW FILE 1-118-A	<b>\-865-0</b>	REV. NO.	0	



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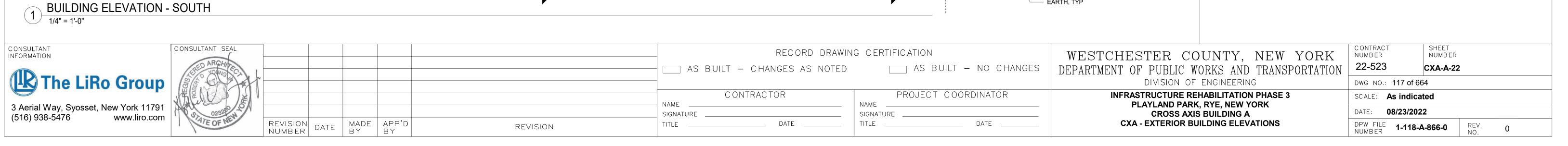
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INSTALL NEW EXHAUST SYSTEM. SEE MECHANICAL DRAWINGS.



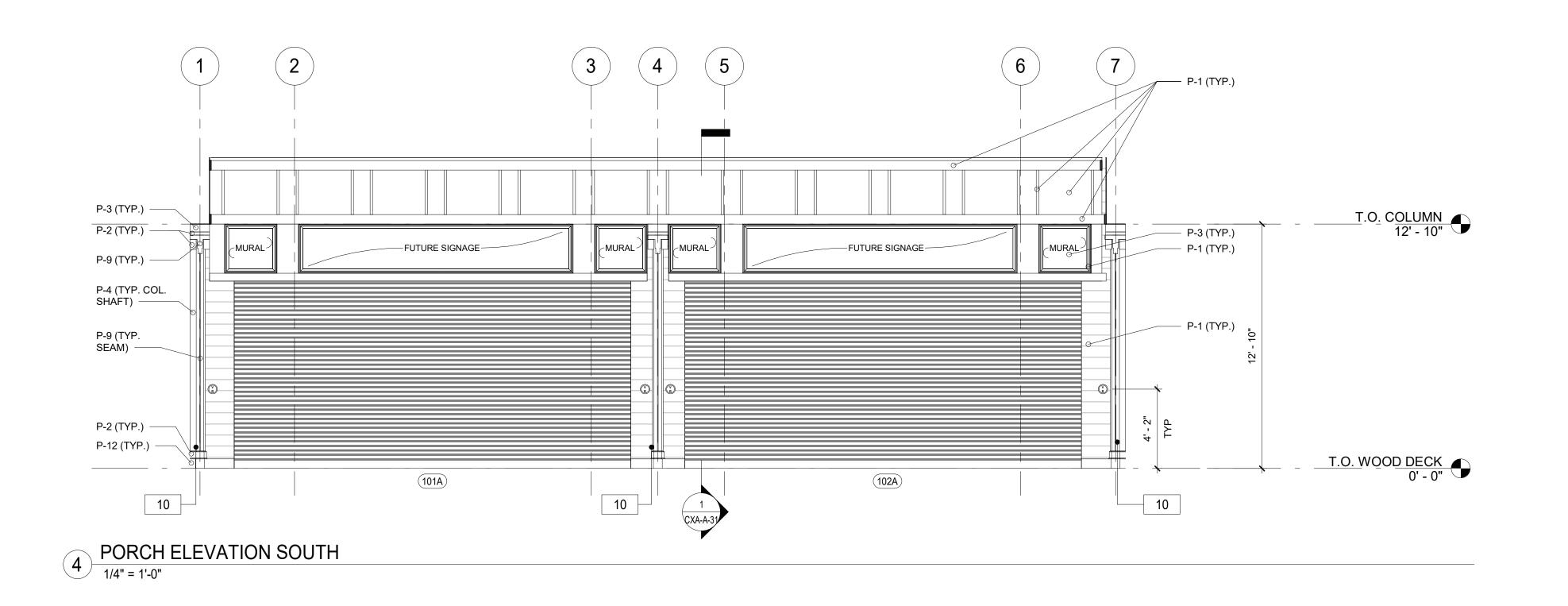
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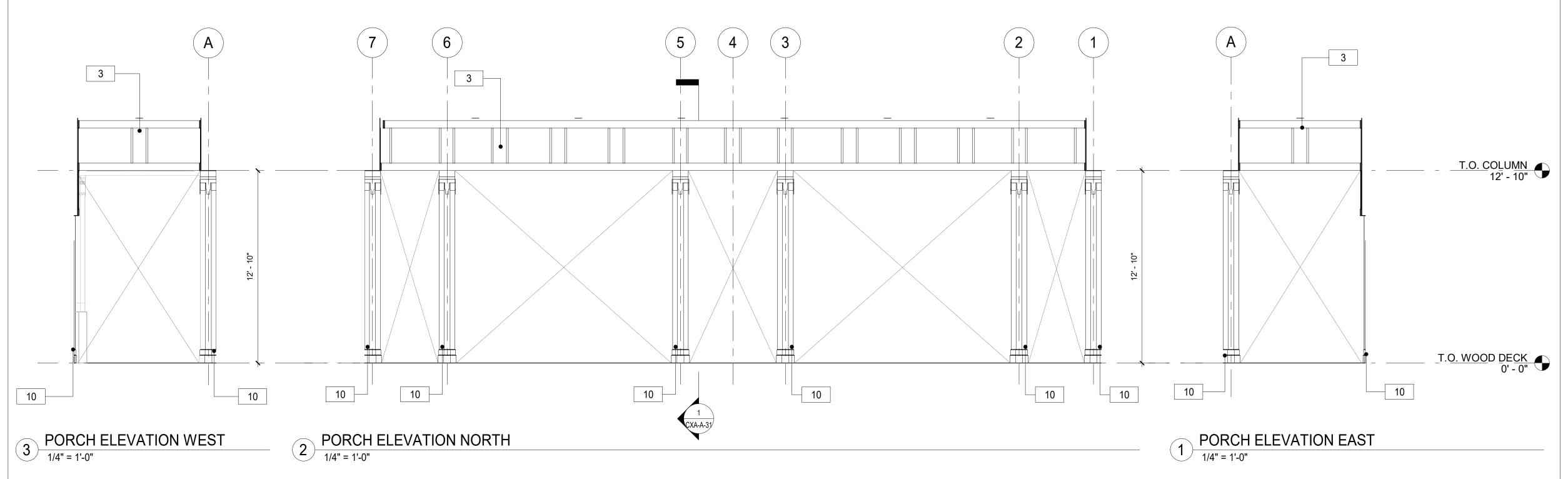
10/10/12

DRAGON COASTER VENDOR

- EARTH, TYP

SEE DCV DWGS.





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## **CONSTRUCTION KEY NOTES**

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PROVIDE AND INSTALL COLUMN ENCLOSURES. SEE DETAILS.

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

CONSULTANT SEAL REVISION NUMBER

MADE APP'D BY BY REVISION

RECORD DRAWING CERTIFICATION AS BUILT - CHANGES AS NOTED CONTRACTOR

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

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

SIGNATURE \_\_\_\_\_

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

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

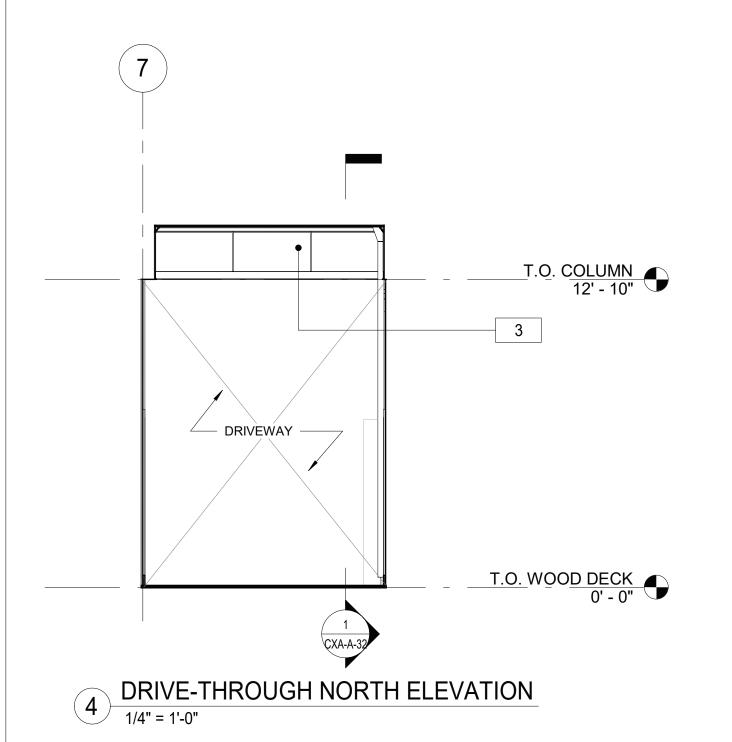
**INFRASTRUCTURE REHABILITATION PHASE 3** PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING A **CXA - PORCH BUILDING ELEVATIONS** 

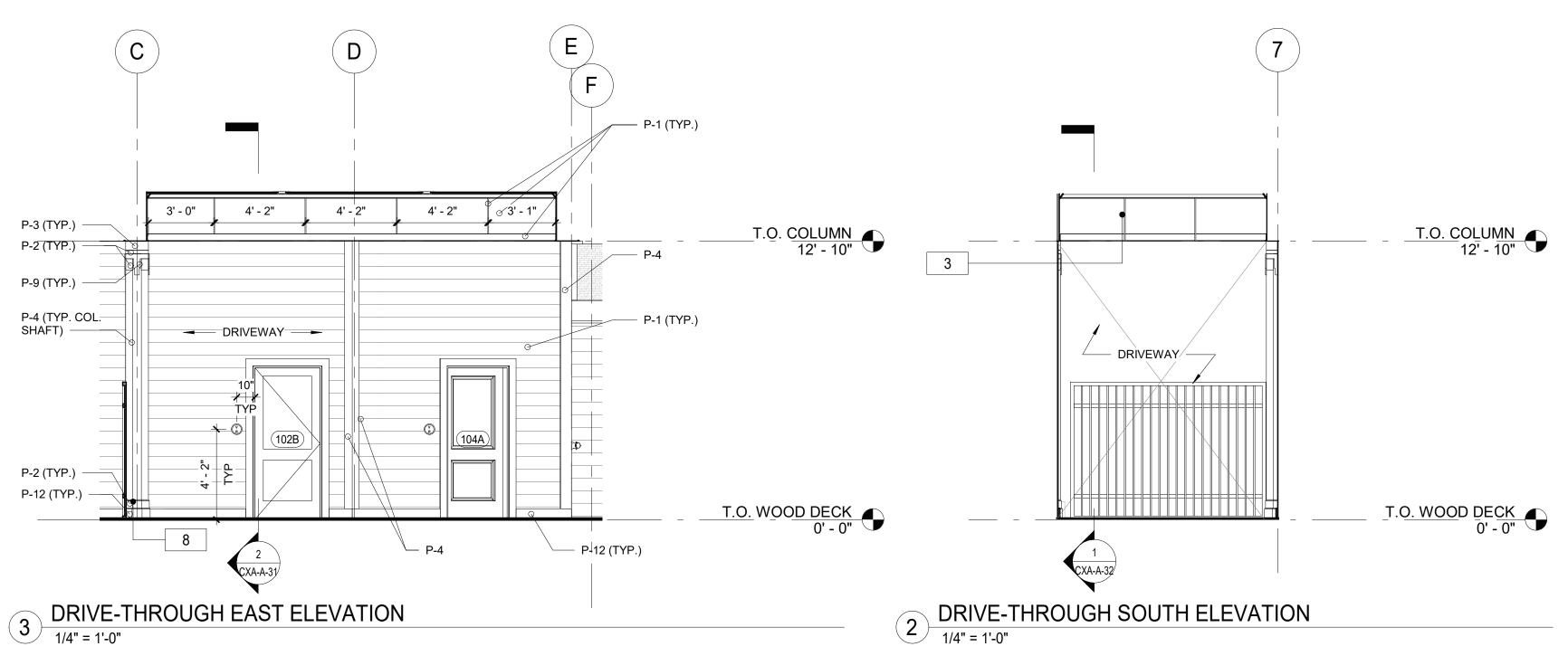
SHEET NUMBER 22-523 CXA-A-23 DWG NO.: 118 of 664

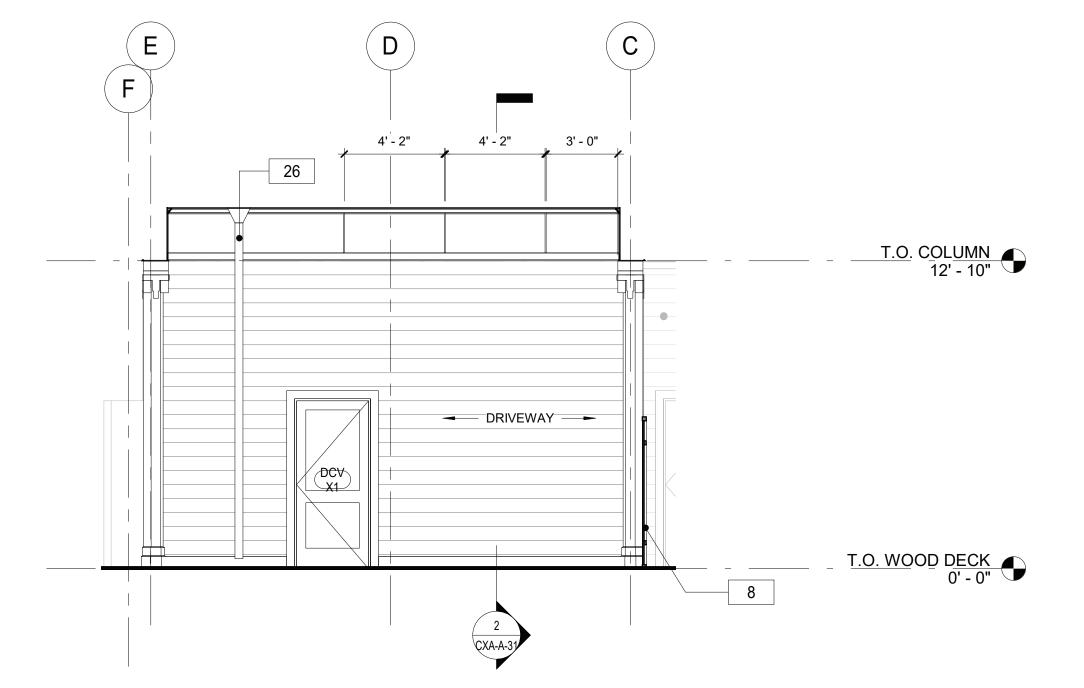
SCALE: As indicated

DATE: **08/23/2022** 

DPW FILE **1-118-A-867-0** REV. NO.







NAME

SIGNATURE

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

## **FLOOR PLAN GENERAL NOTES**

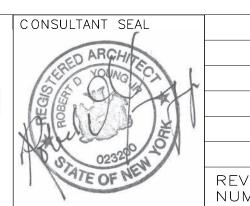
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- PROVIDE AND INSTALL GATE. SEE DETAILS. PROVIDE AND INSTALL ALUMINUM LEADER HEAD, LEADER, AND SPLASH GUARD.

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



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02320 11					
ATE OF WE	REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
				,	

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

DATE \_\_\_\_\_

NAME \_\_\_\_

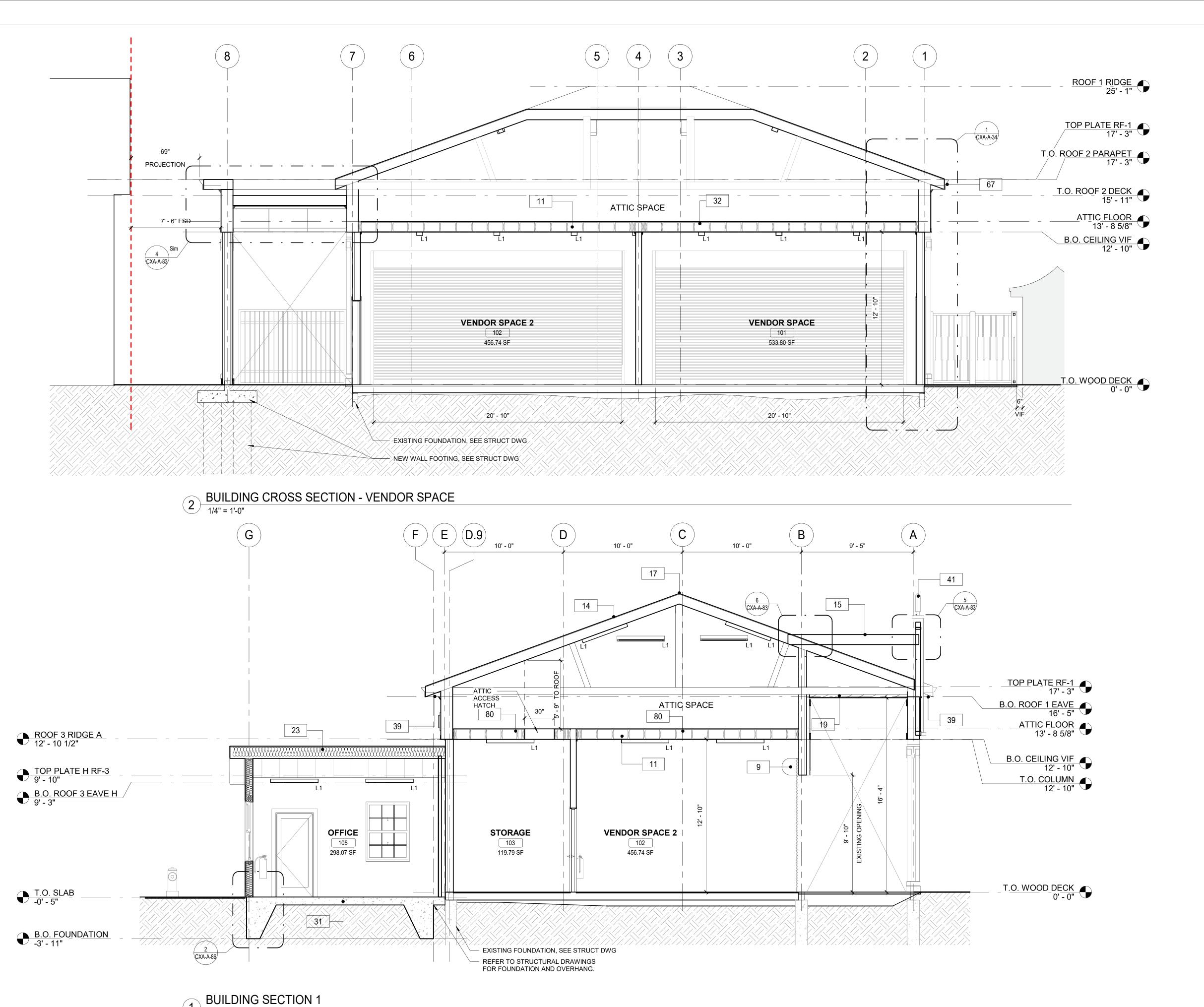
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION PHASE 3** PLAYLAND PARK, RYE, NEW YORK **CROSS AXIS BUILDING A CXA - DRIVE-THROUGH ELEVATIONS** 

ζ	CONTRACT NUMBER	SHEET NUMBER	
ŌΝ	22-523	CXA-A-24	
	DWG NO.: 119 of 664		
	SCALE: As indi	cated	
	DATE: <b>08/23/2</b>	022	

DPW FILE 1-118-A-868-0 REV. NO.



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

**FLOOR PLAN GENERAL NOTES** 

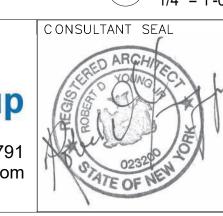
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- 3. MINIMUM DIMENSION FROM ANY CORNER OR WALL TO FRAMING STUD AT DOOR JAMB OPENING
- SHALL BE 4" (UNO). 4. PROVIDE METAL BLOCKING FOR ANY WALL MOUNTED EQUIPMENT OR ACCESSORIES. COORDINATE
- ALL BLOCKING REQUIREMENTS NECESSARY WITH OTHER TRADES. 5. 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 INSTALLATION OF ALL OWNER-SUPPLIED ITEMS AS DESCRIBED IN THE DOCUMENTS, UNO
- 10. THE GC IS RESPONSIBLE FOR ALL FLOOR AND WALL PENETRATIONS FOR ELECTRICAL AND
- MECHANICAL WORK. ALL SUCH OPENING SHALL BE FRAMED AND REINFORCED. 11. FLOOR SURFACES SHALL BE LEVELED TO ASSURE SMOOTH SURFACE FOR FINISH FLOOR INSTALLATION. GC SHALL ALSO PAY SPECIAL ATTENTION THAT ALL WALL SURFACES ARE SMOOTH
- WHERE MURALS WILL BE DIRECTLY APPLIED TO WALL. 12. GC TO COORDINATE ALL UTILITY STUB-UPS AND LOCATION OF ALL EQUIPMENT PRIOR TO
- INSTALLING ANY ONE ITEM.
- 13. REFER TO SHEET CXA-A-83 FOR PARTITION TYPE INFORMATION.

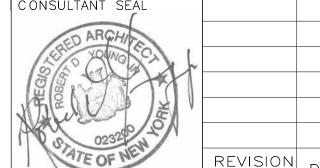
NEW 3/4" PLYWOOD FLOOR

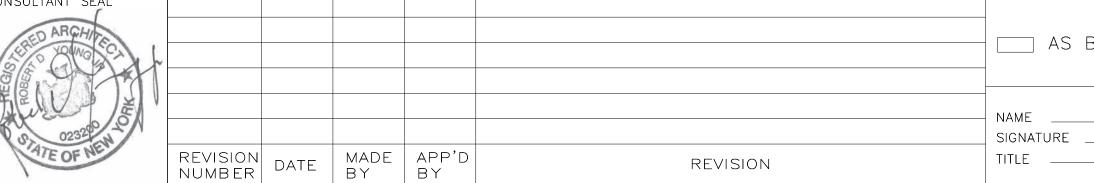
14. PROVIDE PAINTED ACCESS PANELS IN WALLS & CEILING AT CONCEALED ITEMS SUCH AS VALVES. CONTROLS, SWITCHES OR ANY OTHER ITEMS THAT REQUIRES ACCESS. GC TO DETERMINE ACCESS PANEL LOCATION W/ ARCHITECT PRIOR TO INSTALLATION.

CONS	TRUCTION KEY NOTES
9	PROVIDE AND INSTALL ROLL DOWN DOOR. SEE DETAILS AND SCHEDULE.
11	PROVIDE AND INSTALL T1-11 CEILING.
14	PROVIDE NEW ASPHALT SHINGLE ROOFING, UNDERLAYMENT, AND REPLACE IN KIND EXISTING DECKING AS REQUIRED (COORDINATE WITH STRUCTURAL).
15	PROVIDE AND INSTALL SBS MODIFIED BITUMEN ROOFING AND UNDERLAYMENT.
17	PROVIDE AND INSTALL RIDGE VENT AT ROOF HIPS.
19	PROVIDE AND INSTALL ROOF DRAIN. SEE PLUMBING DRAWINGS.
23	NEW ROOF WITH BATT INSULATION (R-38 MIN) PACKED BETWEEN JOISTS. PROVIDE AND INSTALL SHINGLES, UNDERLAYMENT SHEATHING AND FLASHING SYSTEM.
31	NEW CONCRETE PAD FOUNDATION. SEE STRUCTURAL DRAWINGS.
32	NEW 3/4" FIRE RETARDENT PLYWOOD FLOOR ABOVE ELECTRICAL ROOM.
39	NEW SOFFIT WITH RECESSED LIGHTS AS INDICATED ON RCP
41	INSTALL REFURBISHED FINIAL LIGHTS (H6). ARCHITECT TO APPROVE FINISH AND ANY NEEDED MODIFICATIONS TO H6 LIGHTS DURING REFURBISHMENT.
67	NEW FASCIA BOARD AND SOFFIT.









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

DATE

SIGNATURE

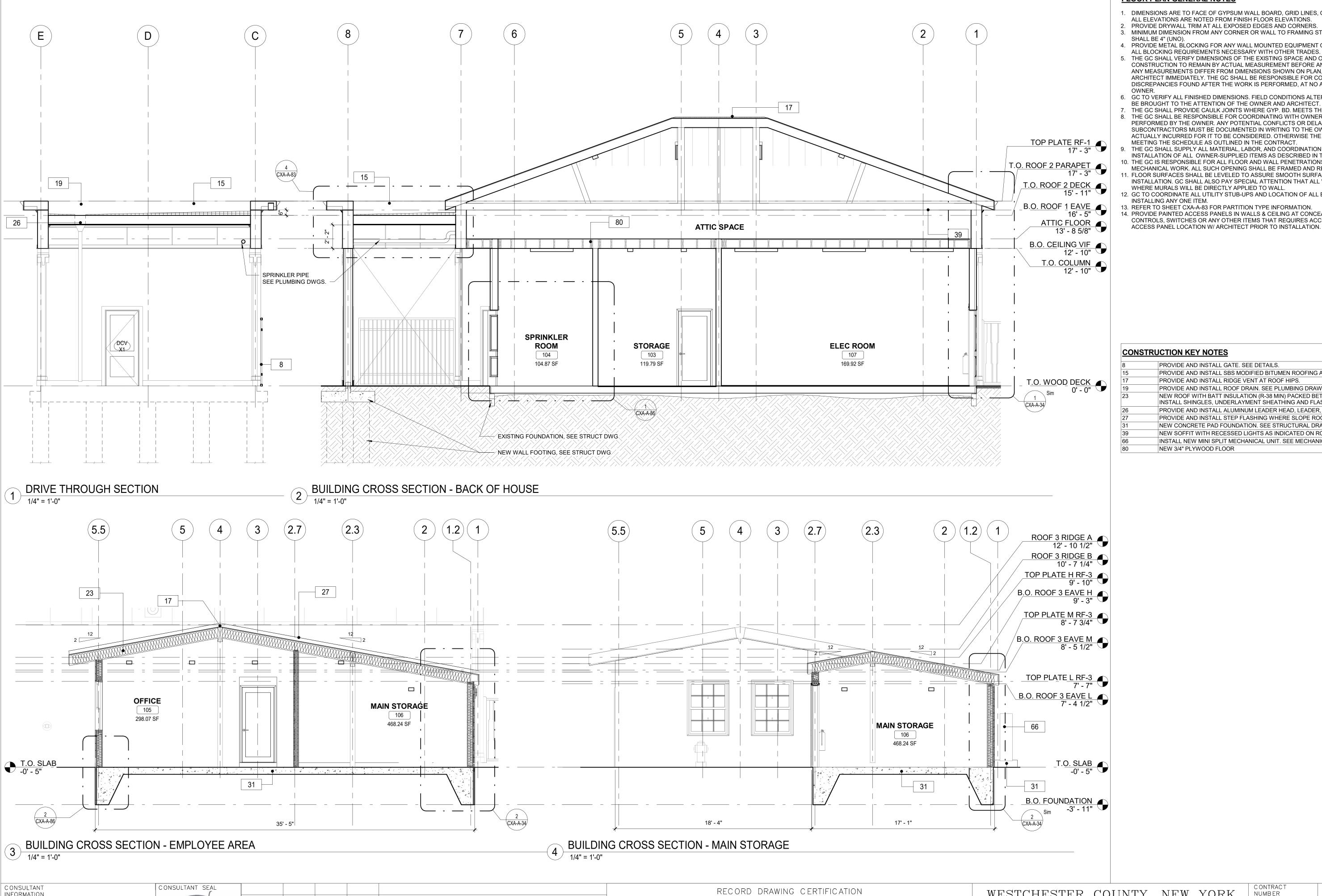
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING

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

SHEET NUMBER NUMBER 22-523 CXA-A-31 DWG NO.: 120 of 664 SCALE: 1/4" = 1'-0" DATE: **08/23/2022** 

DPW FILE 1-118-A-869-0 NUMBER

REV. NO.

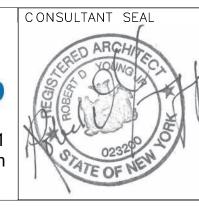


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**FLOOR PLAN GENERAL NOTES** 

- 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" (UNO).
- 4. PROVIDE METAL BLOCKING FOR ANY WALL MOUNTED EQUIPMENT OR ACCESSORIES. COORDINATE
- 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 INSTALLATION OF ALL OWNER-SUPPLIED ITEMS AS DESCRIBED IN THE DOCUMENTS, UNO
- 10. THE GC IS RESPONSIBLE FOR ALL FLOOR AND WALL PENETRATIONS FOR ELECTRICAL AND MECHANICAL WORK. ALL SUCH OPENING SHALL BE FRAMED AND REINFORCED.
- 11. FLOOR SURFACES SHALL BE LEVELED TO ASSURE SMOOTH SURFACE FOR FINISH FLOOR INSTALLATION. GC SHALL ALSO PAY SPECIAL ATTENTION THAT ALL WALL SURFACES ARE SMOOTH
- WHERE MURALS WILL BE DIRECTLY APPLIED TO WALL. 12. GC TO COORDINATE ALL UTILITY STUB-UPS AND LOCATION OF ALL EQUIPMENT PRIOR TO
- INSTALLING ANY ONE ITEM.
- 13. REFER TO SHEET CXA-A-83 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 KEY NOTES				
8	PROVIDE AND INSTALL GATE. SEE DETAILS.			
15	PROVIDE AND INSTALL SBS MODIFIED BITUMEN ROOFING AND UNDERLAYMENT.			
17	PROVIDE AND INSTALL RIDGE VENT AT ROOF HIPS.			
19	PROVIDE AND INSTALL ROOF DRAIN. SEE PLUMBING DRAWINGS.			
23	NEW ROOF WITH BATT INSULATION (R-38 MIN) PACKED BETWEEN JOISTS. PROVIDE AND INSTALL SHINGLES, UNDERLAYMENT SHEATHING AND FLASHING SYSTEM.			
26	PROVIDE AND INSTALL ALUMINUM LEADER HEAD, LEADER, AND SPLASH GUARD.			
27	PROVIDE AND INSTALL STEP FLASHING WHERE SLOPE ROOFS MEET VERTICAL WALLS.			
31	NEW CONCRETE PAD FOUNDATION. SEE STRUCTURAL DRAWINGS.			
39	NEW SOFFIT WITH RECESSED LIGHTS AS INDICATED ON RCP			
66	INSTALL NEW MINI SPLIT MECHANICAL UNIT. SEE MECHANICAL DRAWINGS.			
80	NEW 3/4" PLYWOOD FLOOR			



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DATE \_\_\_

SIGNATURE \_\_\_\_

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

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

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

C ONTRACT NUMB ER	SHEET NUMBER
22-523	CXA-A-32
DWG NO.: 121 of 66	64
SCALE: 1/4" = 1'-	0"
DATE: 08/23/202	2

REV. NO.

DPW FILE **1-118-A-870-0** 

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

CONSULTANT SEAL

MADE APP'D BY BY REVISION NUMBER DATE REVISION

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

PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING A **CXA - ENLARGED SECTIONS** 

DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION PHASE 3** 

NUMBER 22-523 DATE: **08/23/2022** 

CXA-A-33 DWG NO.: 122 of 664

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

SCALE: **As indicated** 

DPW FILE 1-118-A-871-0 REV. NO.

TOP PLATE RF-1 TROWELABLE FIRE STOPING SEALANT (BOTH SIDES) B.O. ROOF 1 EAVE C-D GRADE DOUGLAS FIR PLYWOOD ATTIC SPACE EXTERIOR RATED WALL - EXISTING FLOOR STUDS 1 HR RATED PER UL EXISTING POST AND BEAM STRUCTURE, VIF DESIGN# V346 1HR RATED CEILING FLOOR ASSEMBLY RATED PLY-WOOD WALL PER UL DESIGN# L504 - 2X4 FRAMING ATTIC SPACE FRAMING TO C-D GRADE DOUGLAS FIR PLYWOOD UNDERSIDE OF DECK

ATTIC FLOOR

13' - 8 5/8" EXISTING FLOOR STUDS CXA-A-33 1HR RATED CEILING FLOOR ASSEMBLY PER UL DESIGN# L504 ROOF 3 RIDGE A 12' - 10 1/2" B.O. CEILING VIF 12' - 10" 1/2" SOUND-DEADENING BOARD 1/2" X GYPSUM CEILING BOARD - 1HR RATED CEILING FLOOR FIRE BEAD JOINT ASSEMBLY PER UL DESIGN# L504 BATT INSULATION MIN. R-20 EXT. GRADE PLYWOOD SHEATHING — 2x12 RAFTER BATT INSULATION MIN. R-38 2 LAYERS OF GYP X WALLBOARD - BATT INSULATION MIN. R-20 GYPSUM WALLBOARD FIRE BARRIER 1 HR RATED PER 6" COLUMN BEYOND UL DESIGN# U305 FIRE BARRIER 1 HR RATED PER UL DESIGN# U305 OFFICE **VENDOR SPACE ELEC ROOM ELEC ROOM** 105 298.07 SF 107 169.92 SF 107 169.92 SF 101 533.80 SF - FIRE RESISTANT FLOOR ASSEMBLY -BXUV.L501 - ANSI/UL 263 SEE CXA-A-86/6 FOUNDATION INSULATION, R-10 MIN TYP T.O. WOOD DECK 0' - 0" T.O. SLAB -0' - 5" B.O. FOUNDATION
-3' - 11" ELEC ROOM EXTERIOR WALL SECTION ELEC ROOM INT. WALL SECTION 2 ELEC RO 3/4" = 1'-0" SHEET NUMBER CONTRACT RECORD DRAWING CERTIFICATION \_\_\_\_ AS BUILT - NO CHANGES AS BUILT - CHANGES AS NOTED

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

TONGUE AND GROOVE

WEATHER RESISTANT

PLYWOOD SHEATHING STARTER BLOCK

COPPER FLASHING

PMMA LIQUID APPLIED FLASHING

BARRER 24" FROM WALL FACE

4" ON ROOF AND UP WALL ASPHALT SHINGLES -

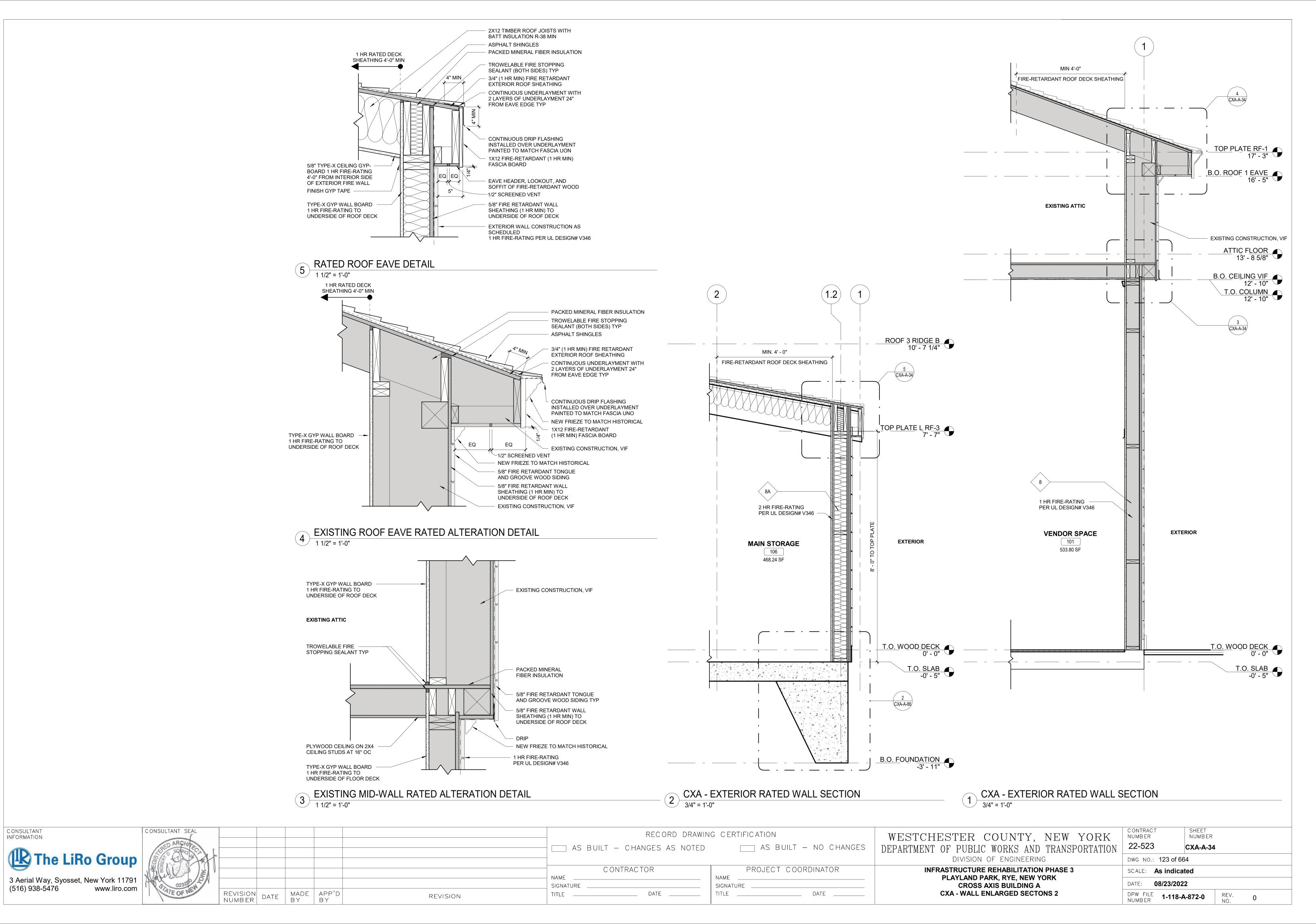
2-PLY ROOF WEATHER

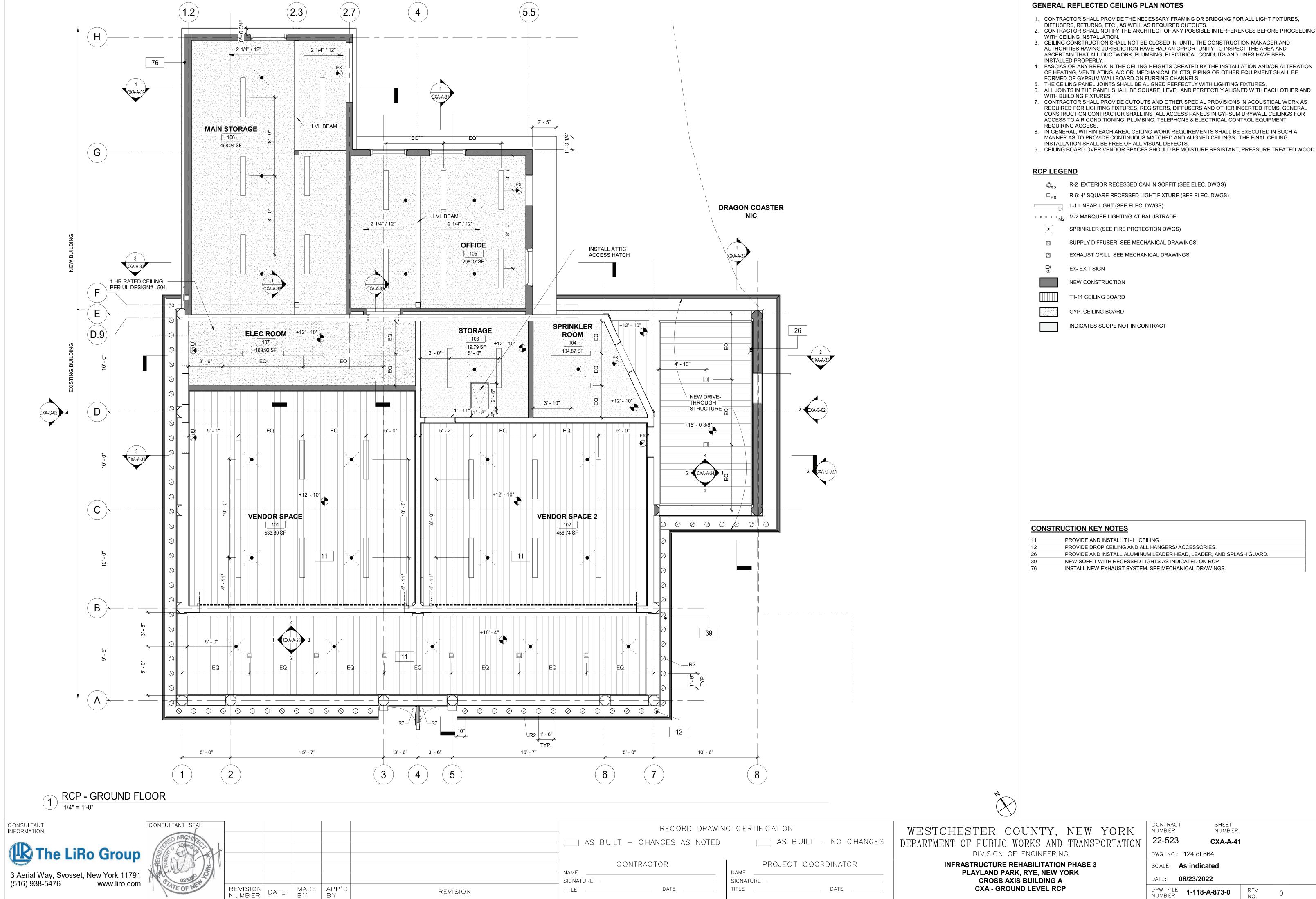
3/4" ROOF PLYWOOD

SHEATHING

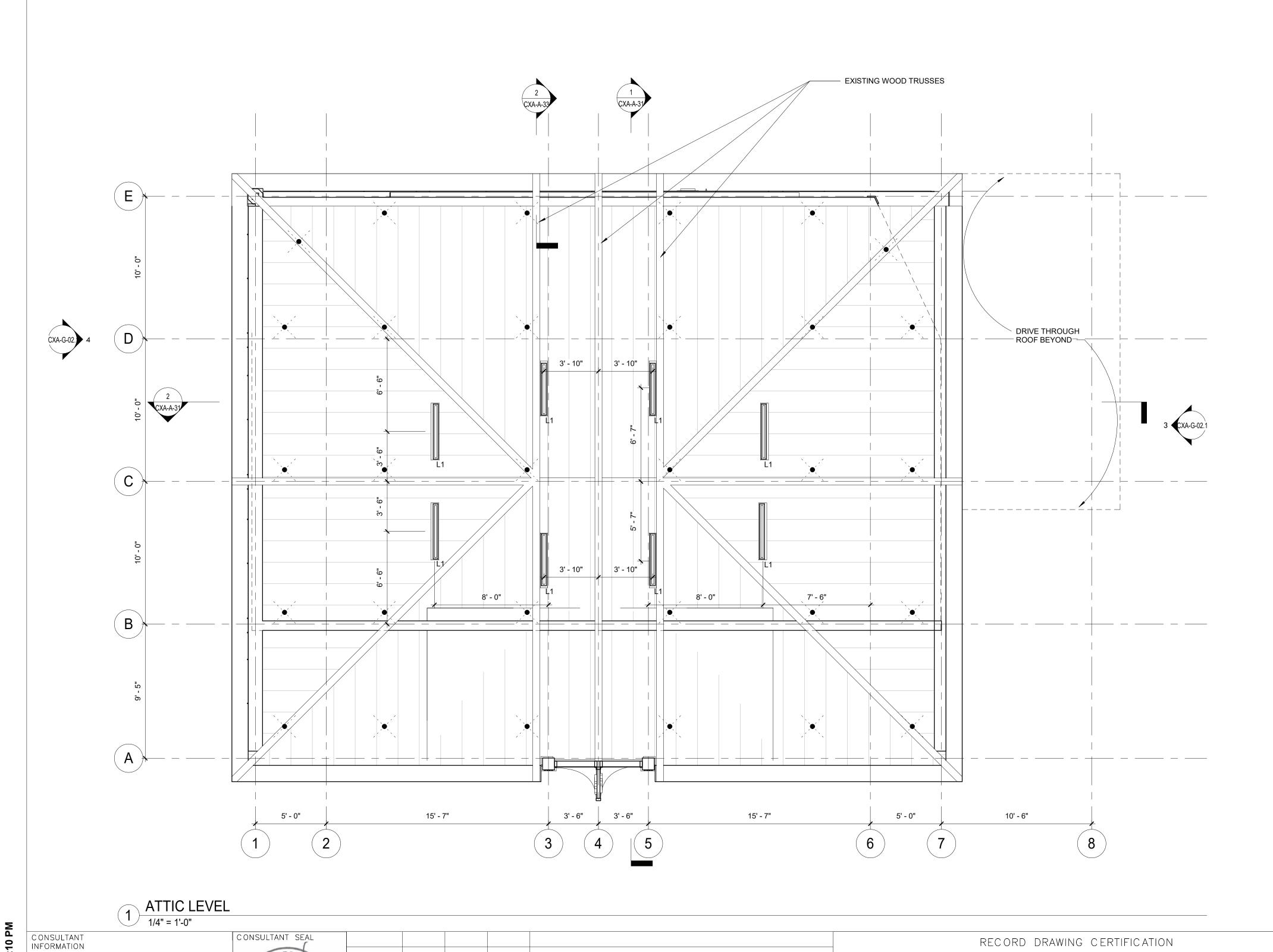
WOOD SIDING

MEMBRANE EXT. GRADE





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MADE APP'D BY BY

REVISION NUMBER

### **GENERAL REFLECTED CEILING PLAN NOTES**

- 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.
  - THE CEILING PANEL JOINTS SHALL BE ALIGNED PERFECTLY WITH LIGHTING FIXTURES.
     ALL JOINTS IN THE PANEL SHALL BE SQUARE, LEVEL AND PERFECTLY ALIGNED WITH EACH OTHER AND WITH BUILDING FIXTURES.
  - 7. CONTRACTOR SHALL PROVIDE CUTOUTS AND OTHER SPECIAL PROVISIONS IN ACOUSTICAL WORK AS REQUIRED FOR LIGHTING FIXTURES, REGISTERS, DIFFUSERS AND OTHER INSERTED ITEMS. GENERAL CONSTRUCTION CONTRACTOR SHALL INSTALL ACCESS PANELS IN GYPSUM DRYWALL CEILINGS FOR ACCESS TO AIR CONDITIONING, PLUMBING, TELEPHONE & ELECTRICAL CONTROL EQUIPMENT
  - REQUIRING ACCESS.

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

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

#### **RCP LEGEND**

- R-2 EXTERIOR RECESSED CAN IN SOFFIT (SEE ELEC. DWGS)
- □<sub>R6</sub> 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. CEILING BOARD
- INDICATES SCOPE NOT IN CONTRACT

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

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

PROJECT COORDINATOR

NAME

SIGNATURE \_\_\_\_

AS BUILT - CHANGES AS NOTED

CONTRACTOR

DATE \_\_\_\_

SIGNATURE

INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
CROSS AXIS BUILDING A
CXA - ATTIC LEVEL RCP

CONTRACT SHEET NUMBER

22-523 CXA-A-42

DWG NO.: 125 of 664

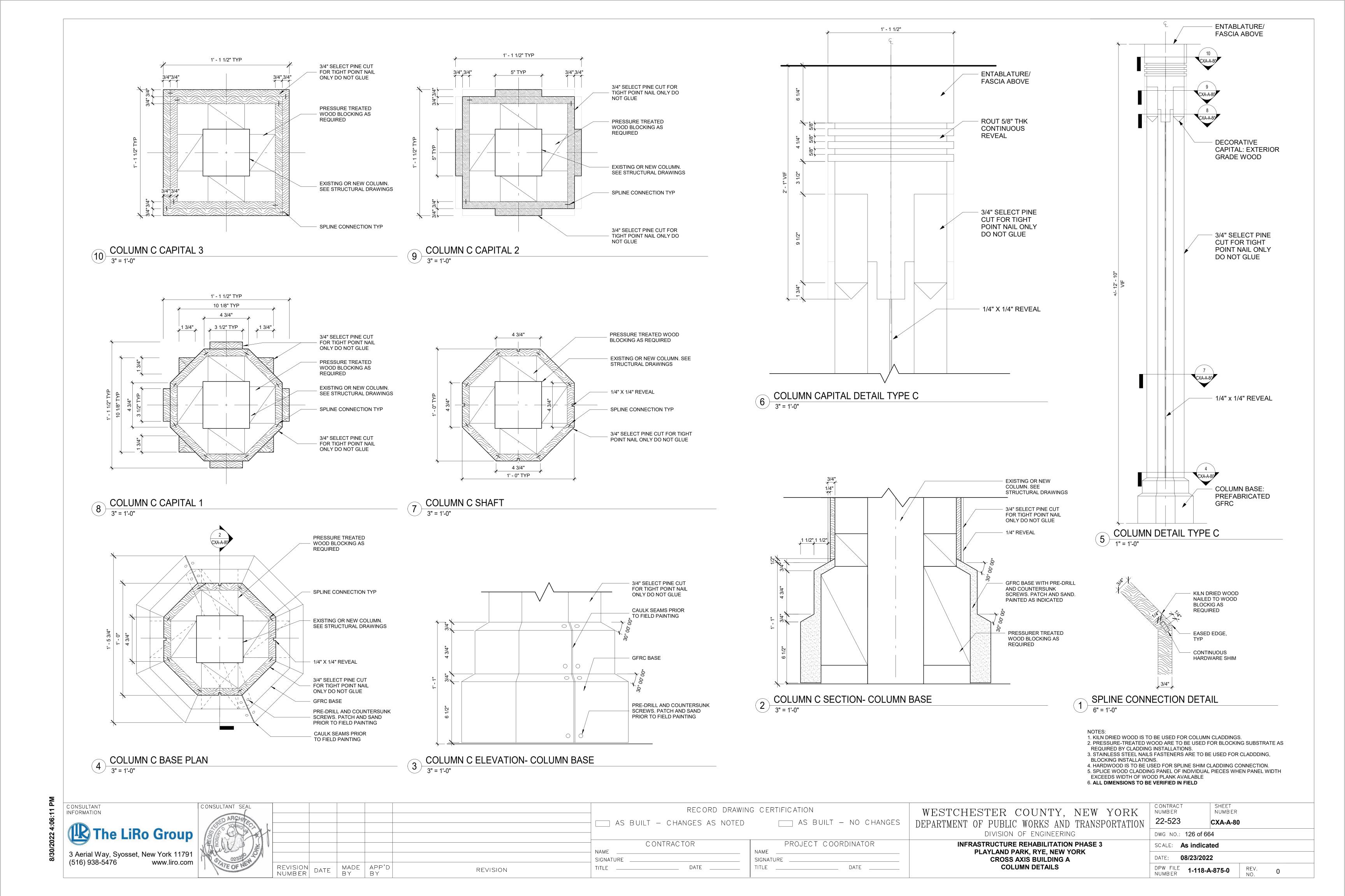
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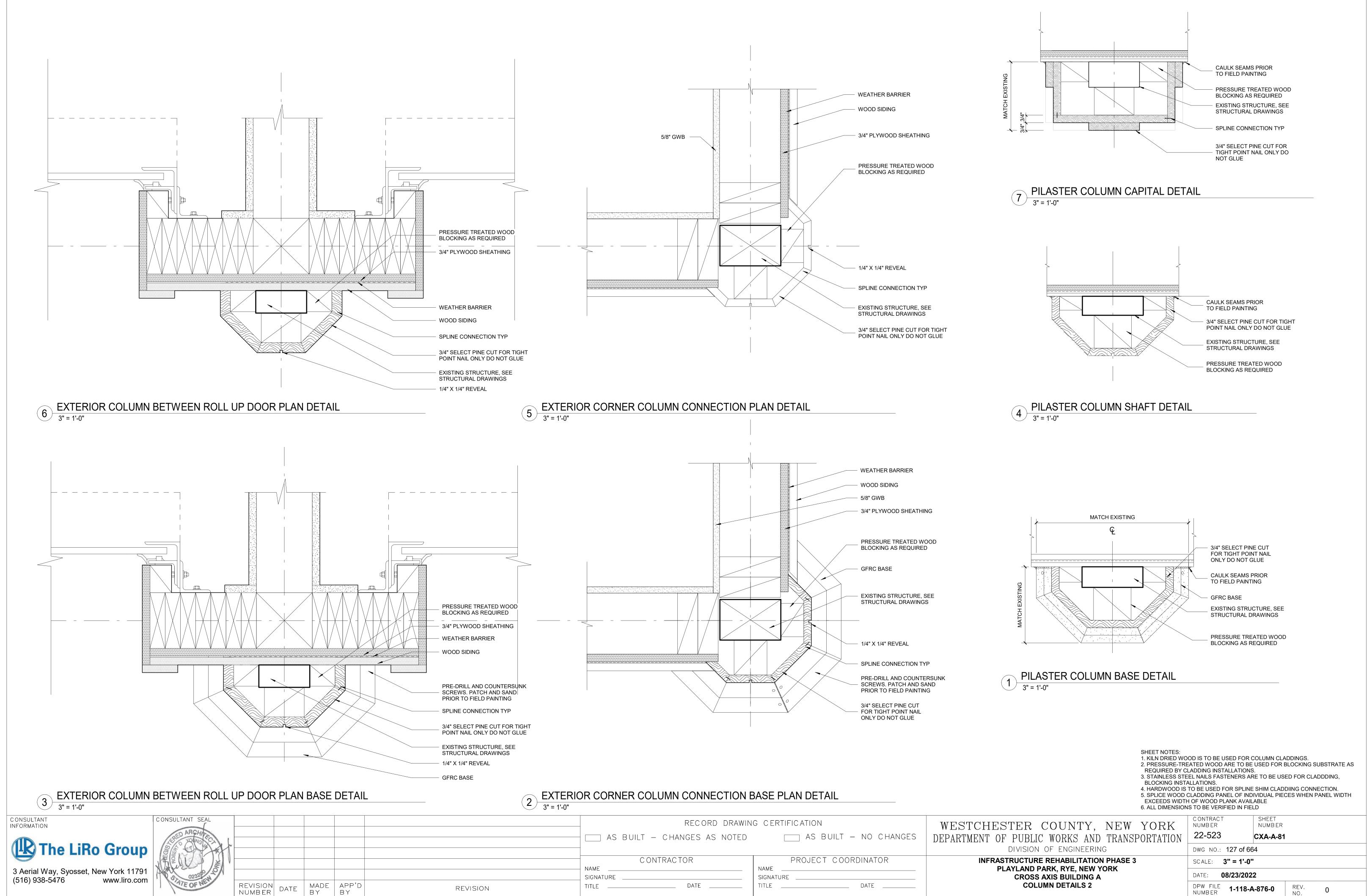
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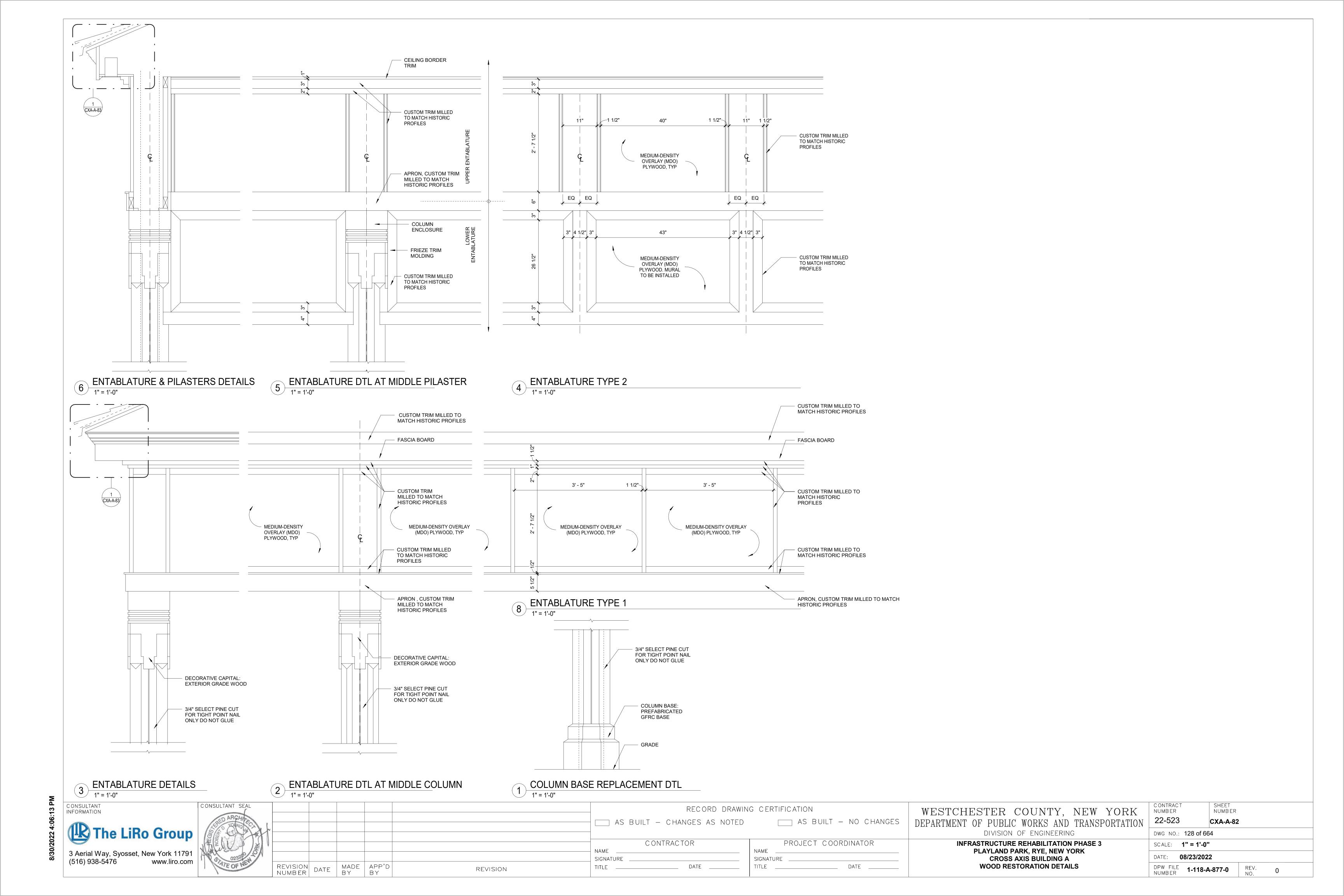
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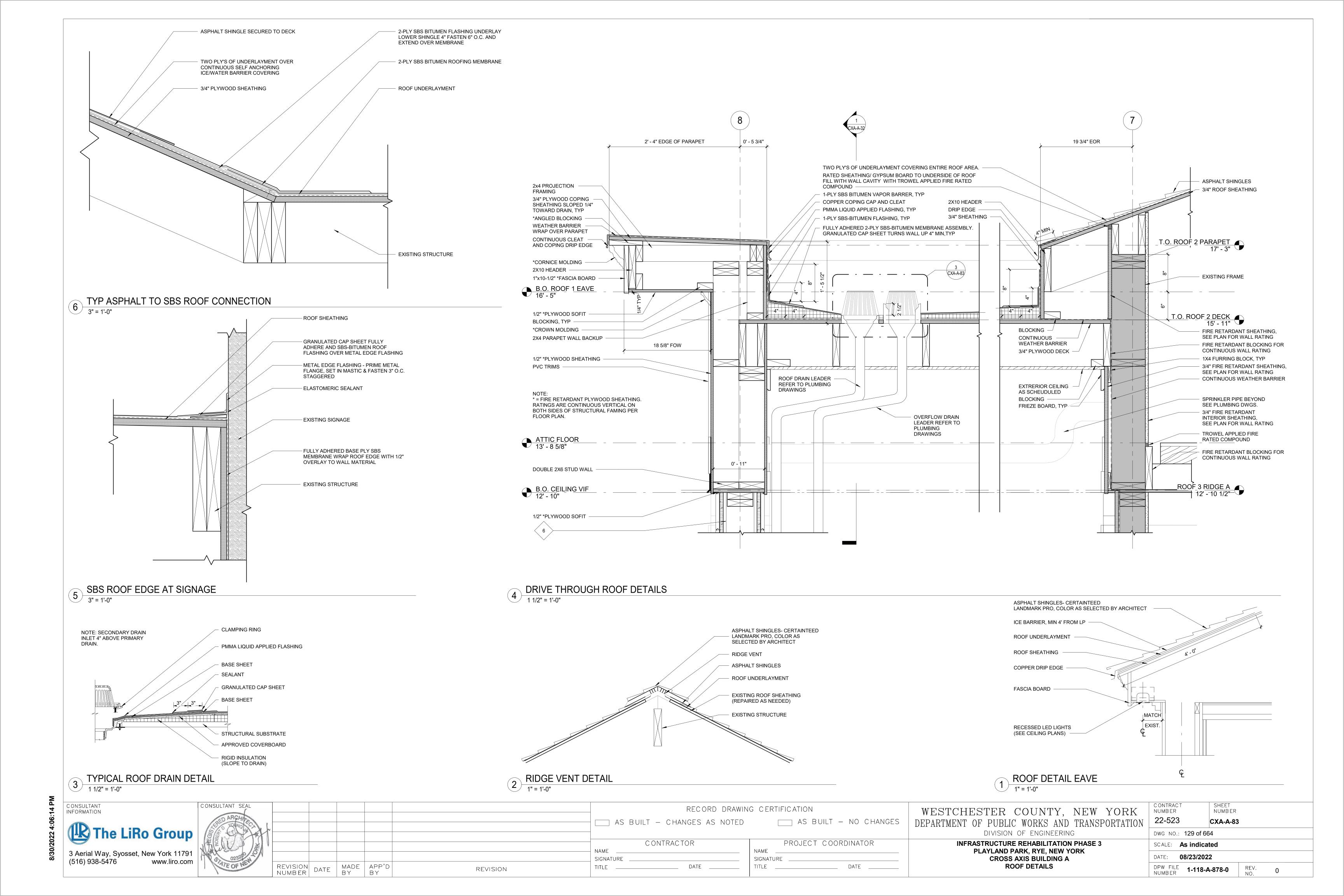
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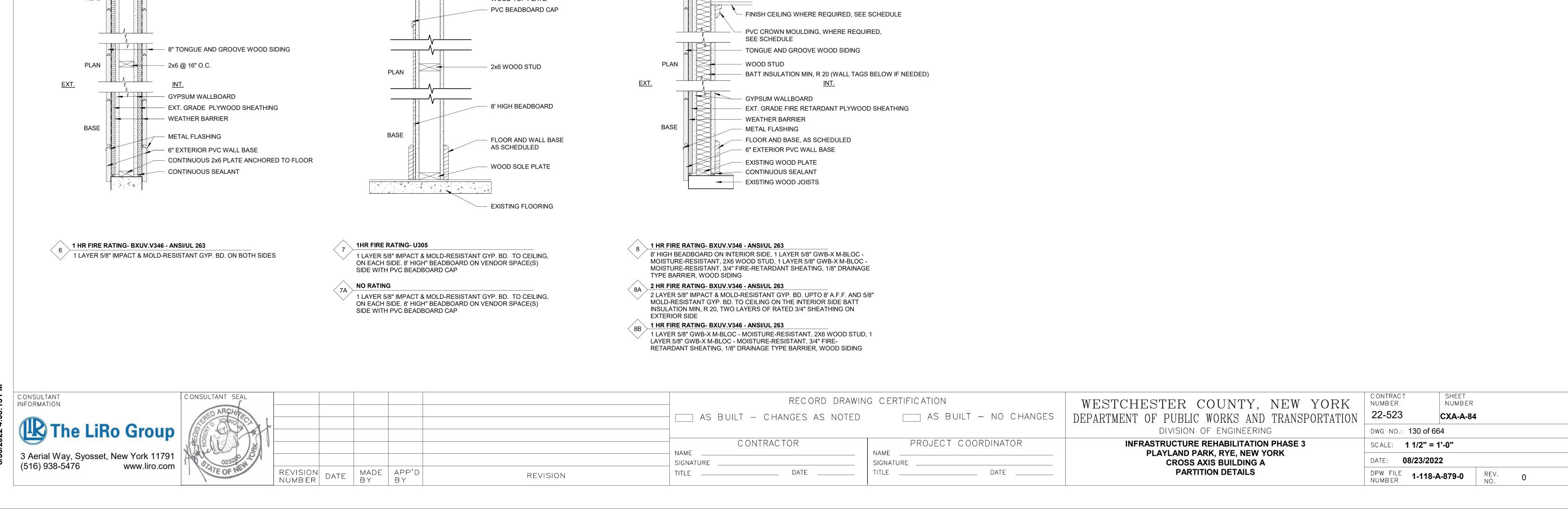
3 Aerial Way, Syosset, New York 11791 (516) 938-5476 www.liro.com

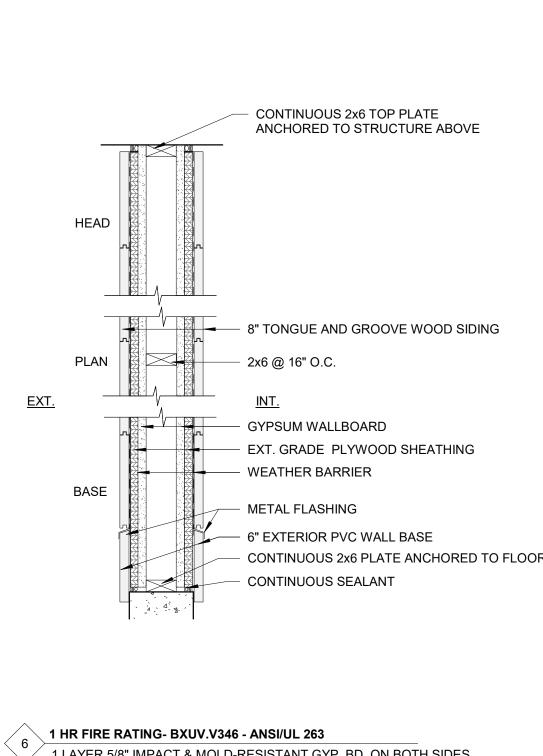












EXISTING WOOD FRAMING

PVC CROWN MOULDING, WHERE

(WALL TYPE 1) 2X6 WOOD STUD

(WALL TYPE 1A) EXISTING STUD

WOOD SOLE PLATE

AS SCHEDULED

FLOOR AND WALL BASE

(WALL TYPE 1B) 2X6 WOOD STUD

REQUIRED, SEE SCHEDULE

WOOD TOP PLATE

CEILING

HEAD

PLAN

BASE

1 HR FIRE RATING - U-305

1 HR FIRE RATING - U-305

TO CEILING, ON EACH SIDE

**NO RATING** 

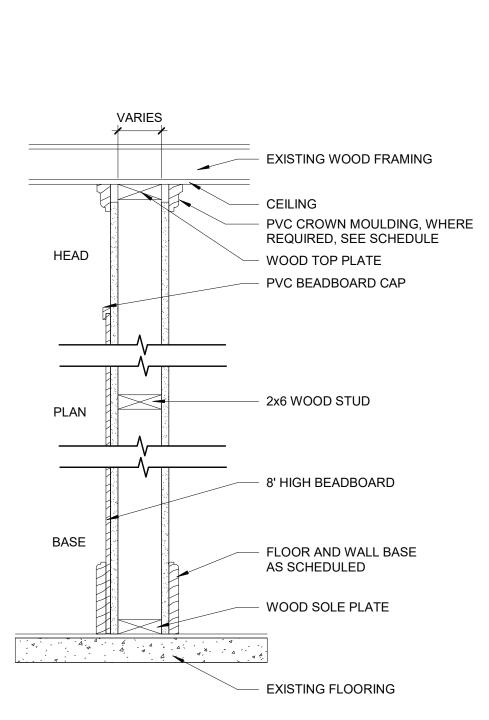
TO CEILING, ON EACH SIDE

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

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

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

CEILING, ON EACH SIDE. MIN. R-20 BATT INSULATION



**VARIES** 

HEAD

PLAN

BASE

**NO RATING** 

**NO RATING** 

ON THE INTERIOR SIDE

EXT.

EXISTING WOOD TOP

FINISH CEILING WHERE

**EXISTING WOOD STUD** 

GYPSUM WALLBOARD

WEATHER BARRIER

EXISTING WOOD PLATE

METAL FLASHING

CONTINUOUS SEALANT

1 LAYER 5/8" IMPACT & MOLD-RESISTANT GYP. BD. UPTO

8' A.F.F. AND 5/8" MOLD-RESISTANT GYP. BD. TO CEILING

1 LAYER 5/8" IMPACT & MOLD-RESISTANT GYP. BD. AND

INTERIOR SIDE. 8' HIGH" BEADBOARD ON INTERIOR SIDE

5/8" MOLD-RESISTANT GYP. BD. TO CEILING ON THE

WITH PVC BEADBOARD CAP (NOT SHOWN)

EXISTING WOOD JOISTS

REQUIRED, SEE SCHEDULE

REQUIRED, SEE SCHEDULE

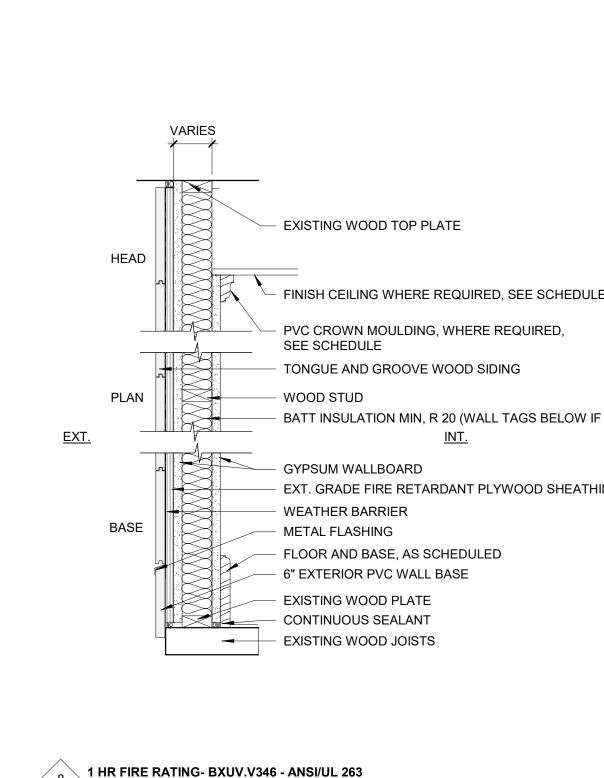
PVC CROWN MOULDING, WHERE

TONGUE AND GROOVE WOOD SIDING

EXT. GRADE PLYWOOD SHEATHING

FLOOR AND BASE, AS SCHEDULED

- 6" EXTERIOR PVC WALL BASE



VARIES

HEAD

PLAN

BASE

**NO RATING** 

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

ON EACH SIDE. 1/4" BEADBOARD ON BOTH SIDE FINISH

EXISTING WOOD FRAMING

PVC CROWN MOULDING, WHERE

REQUIRED, SEE SCHEDULE

WOOD TOP PLATE

CEILING

PVC BEADBOARD CAP

**EXISTING WOOD STUD** 

— 8' HIGH BEADBOARD

AS SCHEDULED

WOOD SOLE PLATE

- EXISTING FLOORING

FLOOR AND WALL BASE

EXISTING WOOD FRAMING

- PVC CROWN MOULDING, WHERE

REQUIRED, SEE SCHEDULE

CONTINUOUS 2x6 TOP PLATE

SEE SCHEDULE

- 2x6 @ 16" O.C.

HEAD

PLAN

BASE

**NO RATING** 

ON THE INTERIOR SIDE

EXT.

ANCHORED TO STRUCTURE ABOVE

FINISH CEILING WHERE REQUIRED,

PVC CROWN MOULDING, WHERE

8" TONGUE AND GROOVE WOOD SIDING

EXT. GRADE PLYWOOD SHEATHING

CONTINUOUS 2x6 PLATE ANCHORED TO FLOOR

— FLOOR AND BASE, AS SCHEDULED

6" EXTERIOR PVC WALL BASE

CONTINUOUS SEALANT

1 LAYER 5/8" IMPACT & MOLD-RESISTANT GYP. BD. UPTO

8' A.F.F. AND 5/8" MOLD-RESISTANT GYP. BD. TO CEILING

REQUIRED, SEE SCHEDULE

BATT INSULATION MIN. R-20

GYPSUM WALLBOARD

WEATHER BARRIER

METAL FLASHING

CEILING

HEAD

PLAN

BASE

**NO RATING** 

ON ONE SIDE.

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

WOOD TOP PLATE

2x4 WOOD STUD

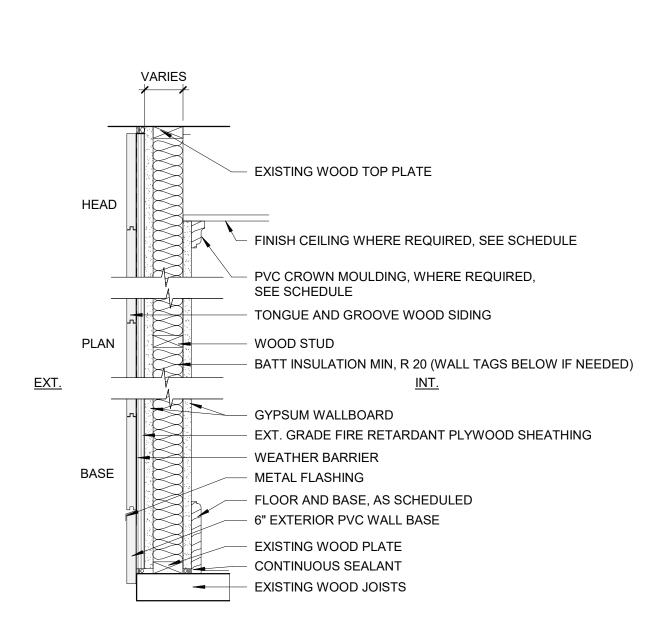
-AS NOTED ON PLANS

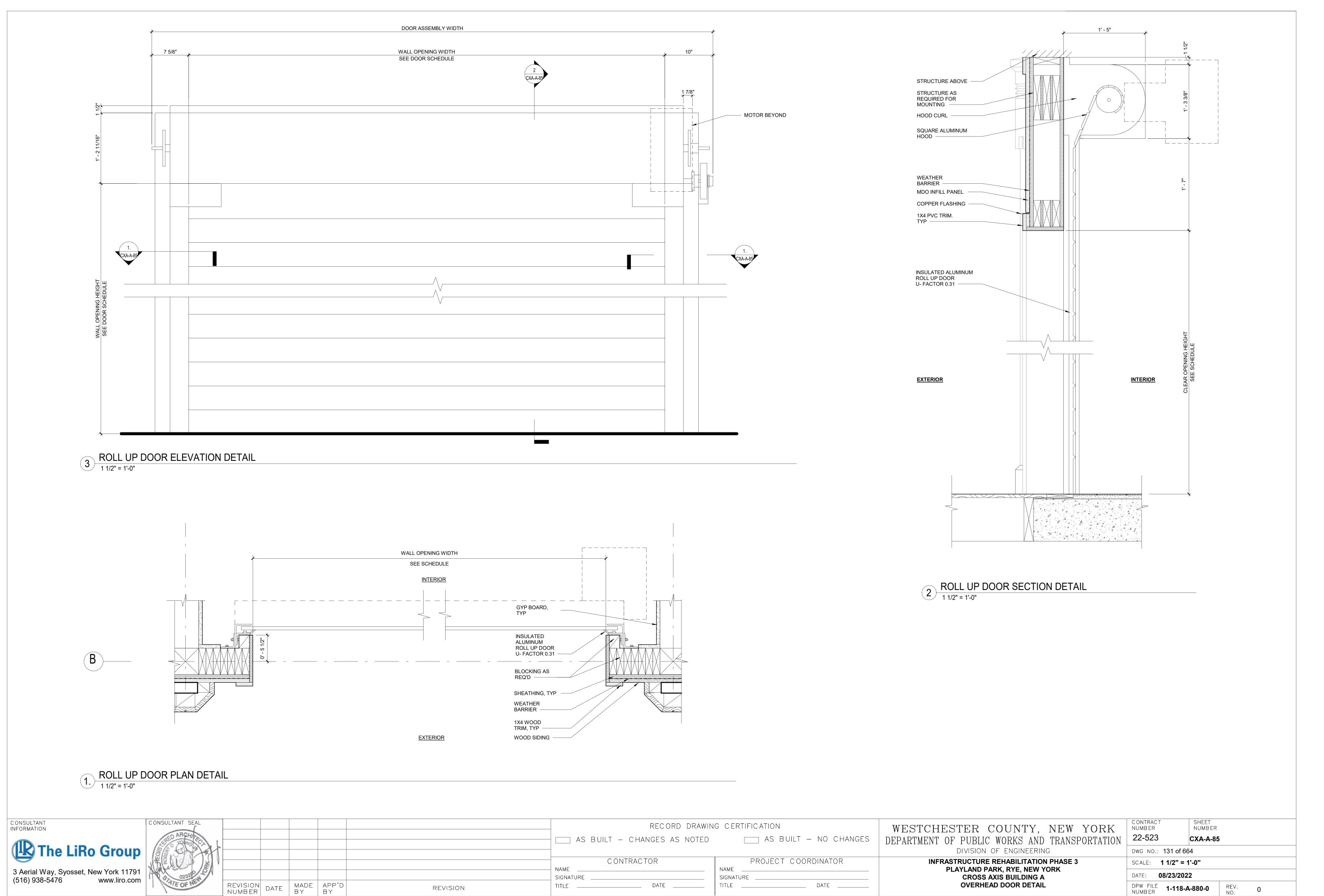
FLOOR AND WALL BASE

AS SCHEDULED

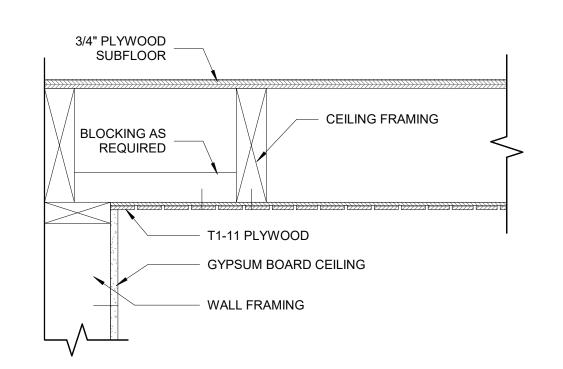
WOOD SOLE PLATE

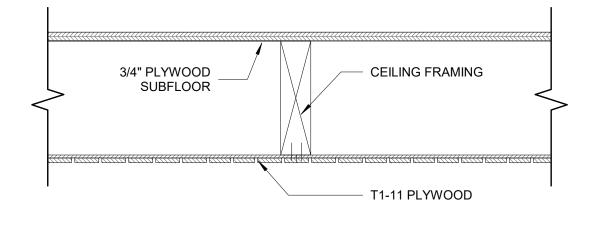
**EXISTING FLOORING** 

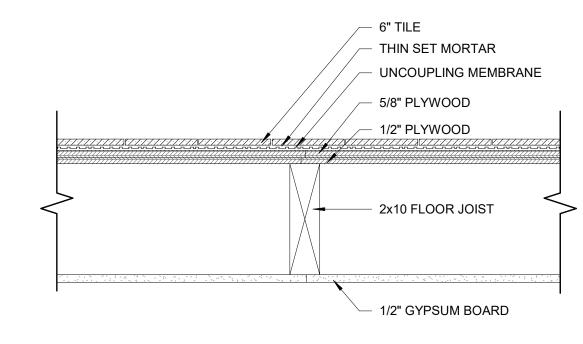




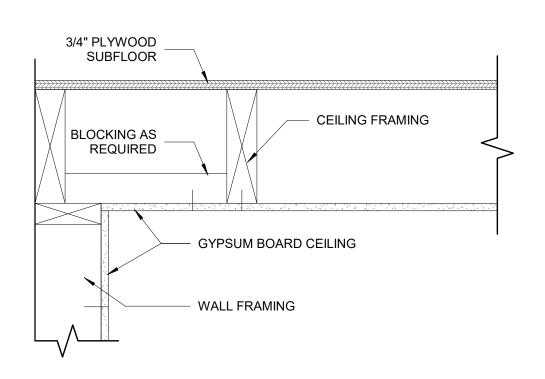
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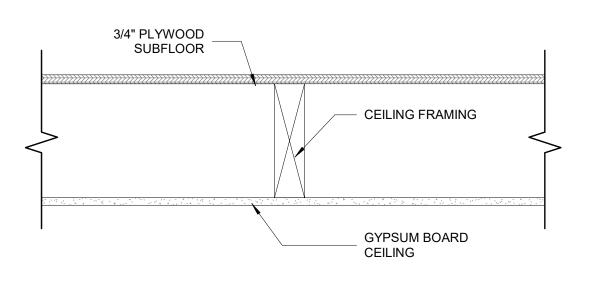




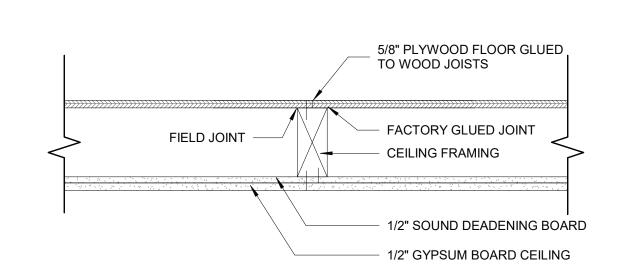
8 T1-11 CEILING FRAMING PARALLEL TO WALL
1 1/2" = 1'-0"



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



6 1 HOUR NON-COMBUSTILE FLOOR ASSEMBLY - BXUV.L501 - ANSI/UL 263



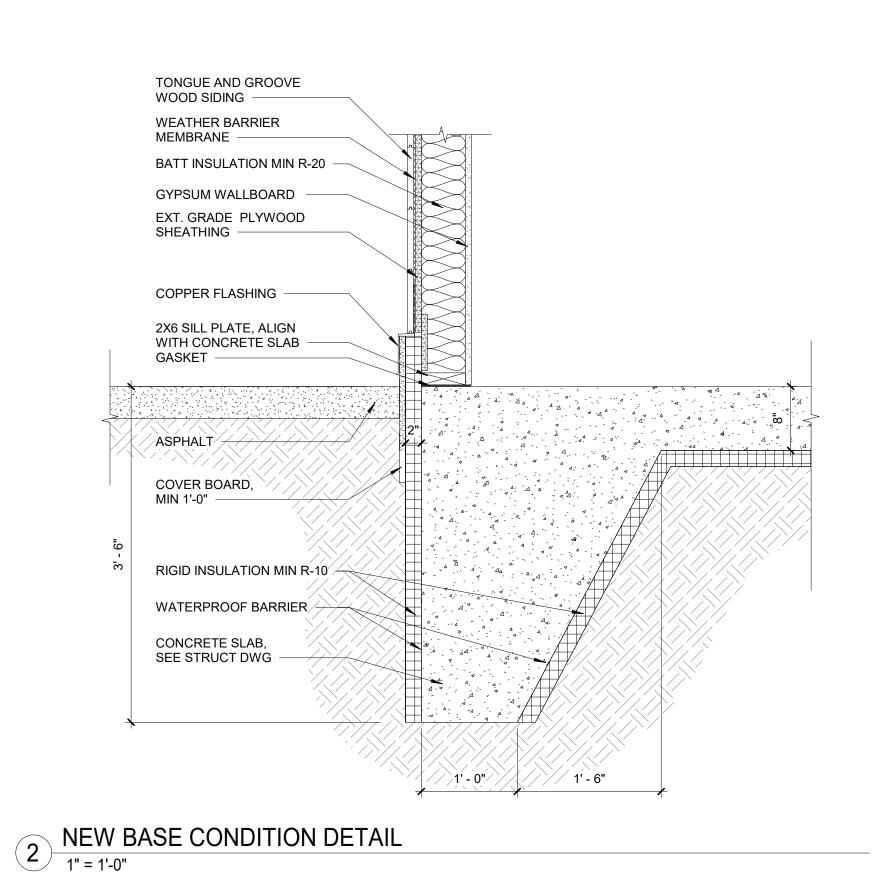
GYPSUM CEILING FRAMING PARALLEL TO WALL
1 1/2" = 1'-0"

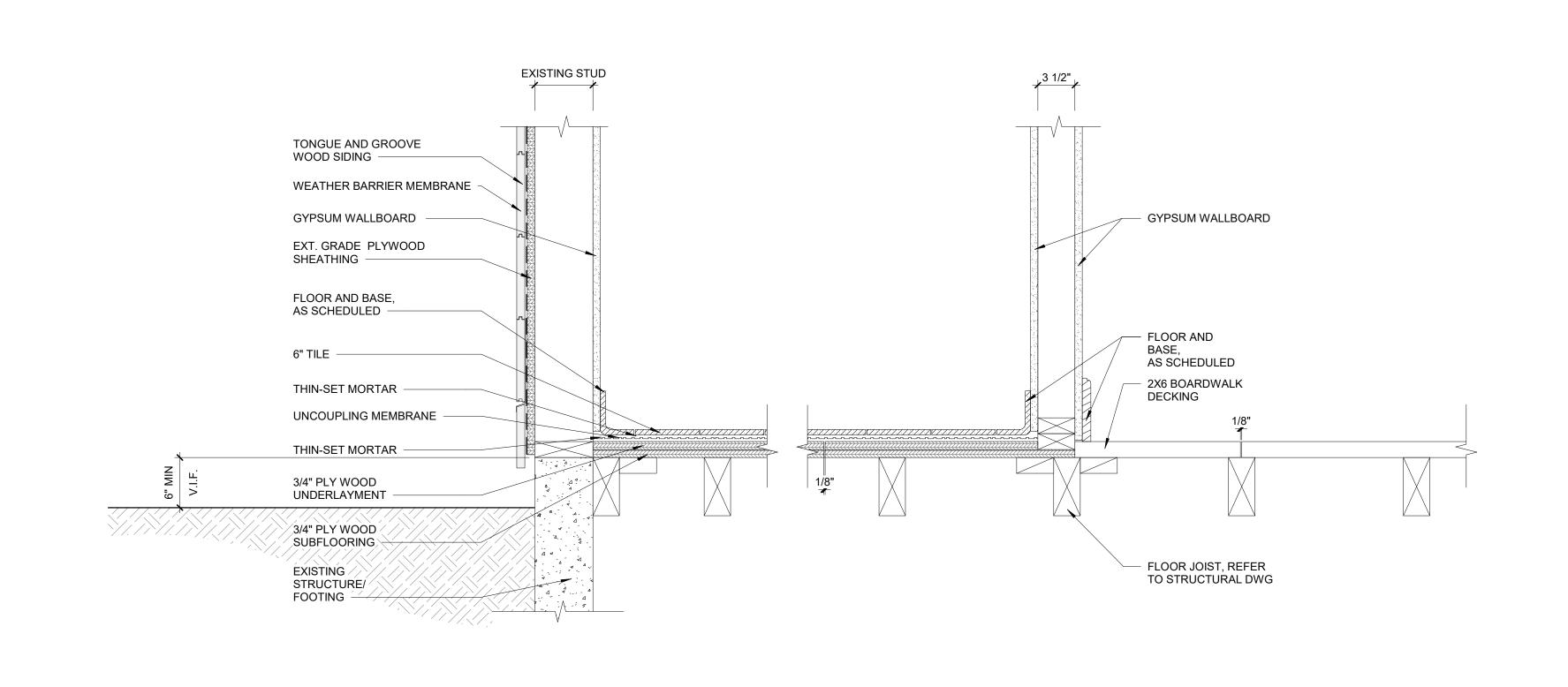


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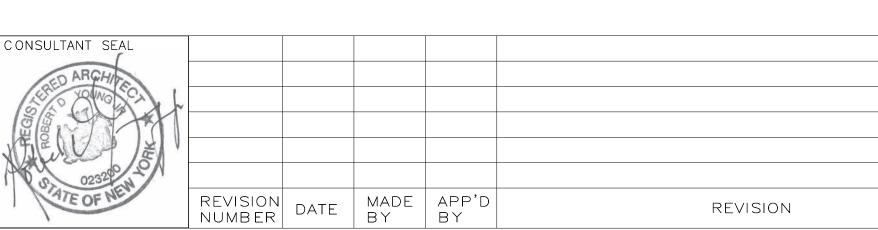
SIGNATURE

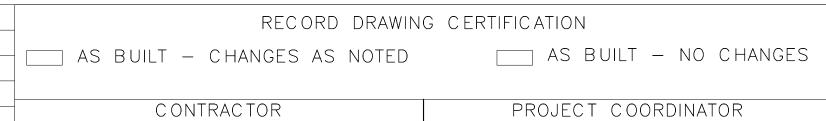
1 HOUR NON-COMBUSTILE FLOOR CEILING ASSEMBLY - BXUV.L504 - ANSI/UL 263











DATE \_\_\_\_

NAME

SIGNATURE \_\_\_\_

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

SPRINKLER ROOM EXTERIOR WALLS



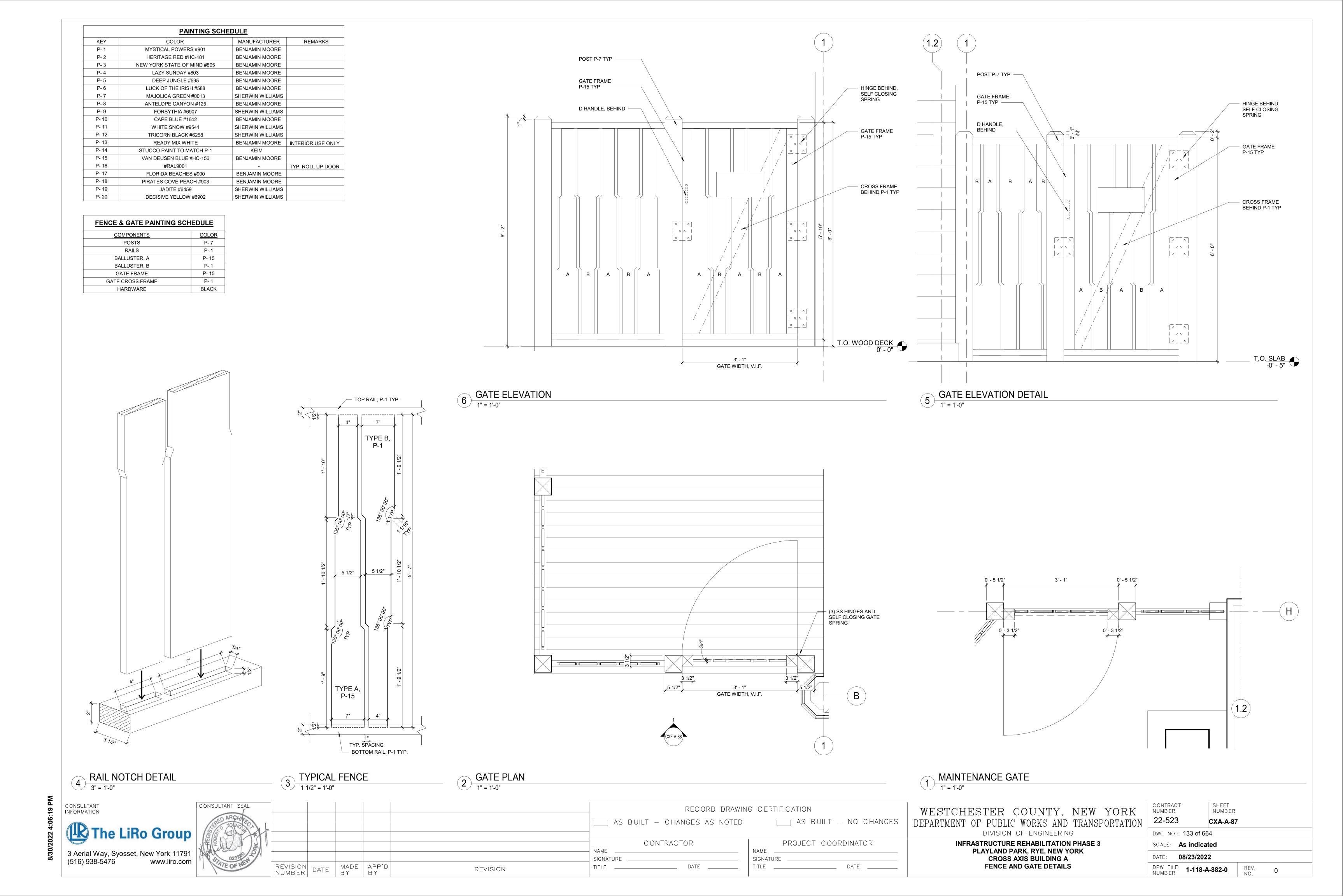
PLAYLAND PARK, RYE, NEW YORK

CROSS AXIS BUILDING A

**DETAILS** 

ORK	CONTRACT NUMBER	SHEET NUMB ER					
TATION	22-523	CXA-A-86	;				
	DWG NO.: 132 of 664						
	SCALE: As indica	ted					
	DATE: <b>08/23/2022</b>						
	DPW FILE 1-118-A	\-881-0	REV. NO.	0			

3/30/2022 4:06:16 PM

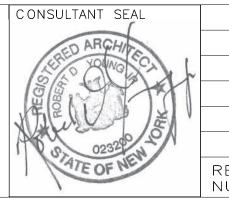


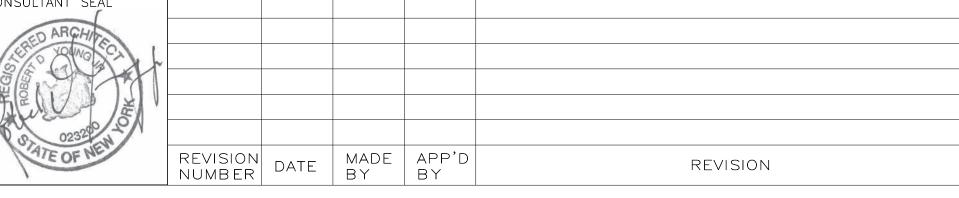




DRIVE THROUGH GATE PLAN DETAIL

3/4" = 1'-0"





\_\_\_\_ AS BUILT - NO CHANGES AS BUILT - CHANGES AS NOTED CONTRACTOR

SIGNATURE \_\_\_\_\_

RECORD DRAWING CERTIFICATION

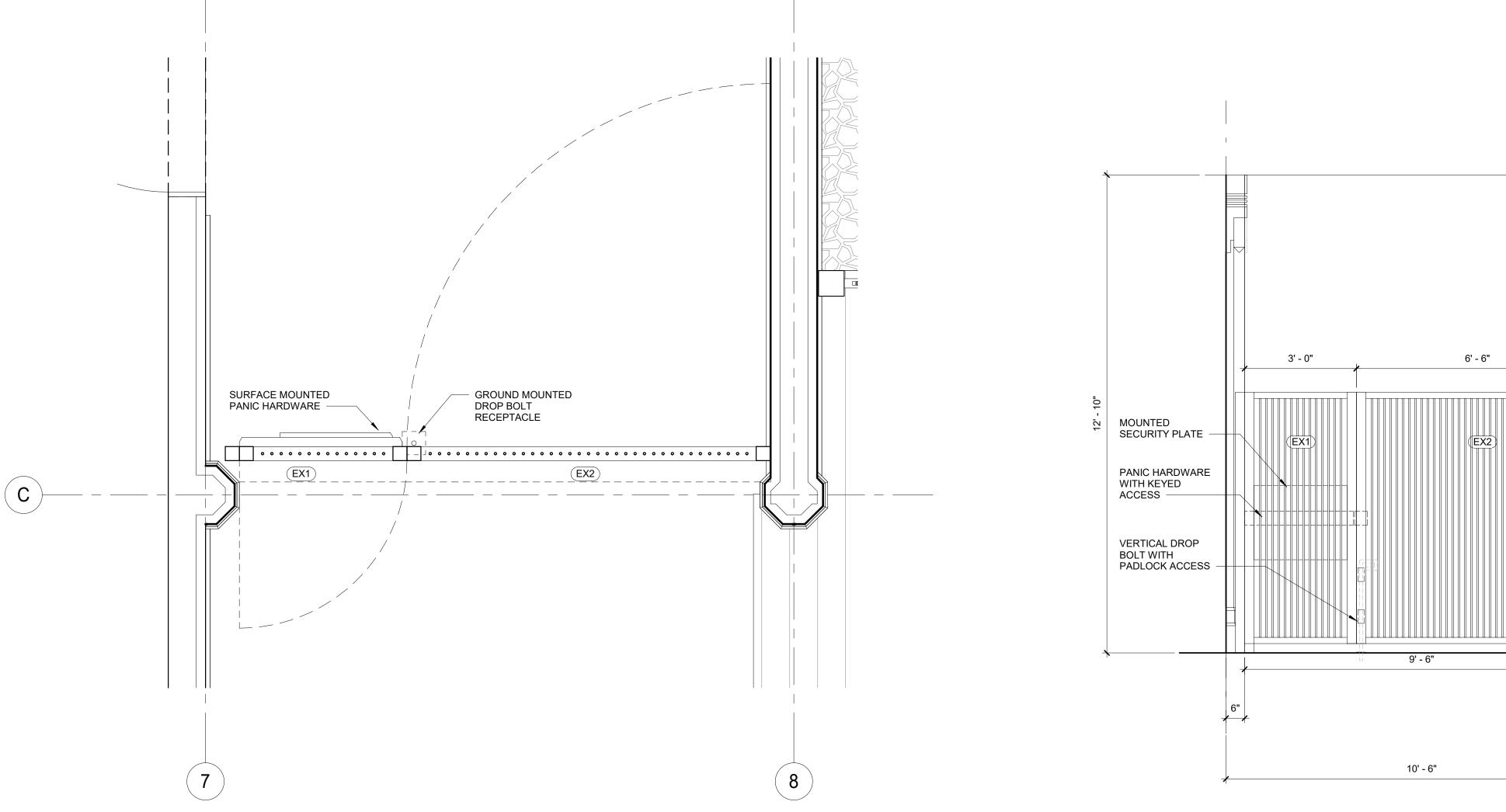
PROJECT COORDINATOR NAME \_\_\_\_\_ SIGNATURE \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_ INFRASTRUCTURE REHABILITATION PHASE 3 PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING A

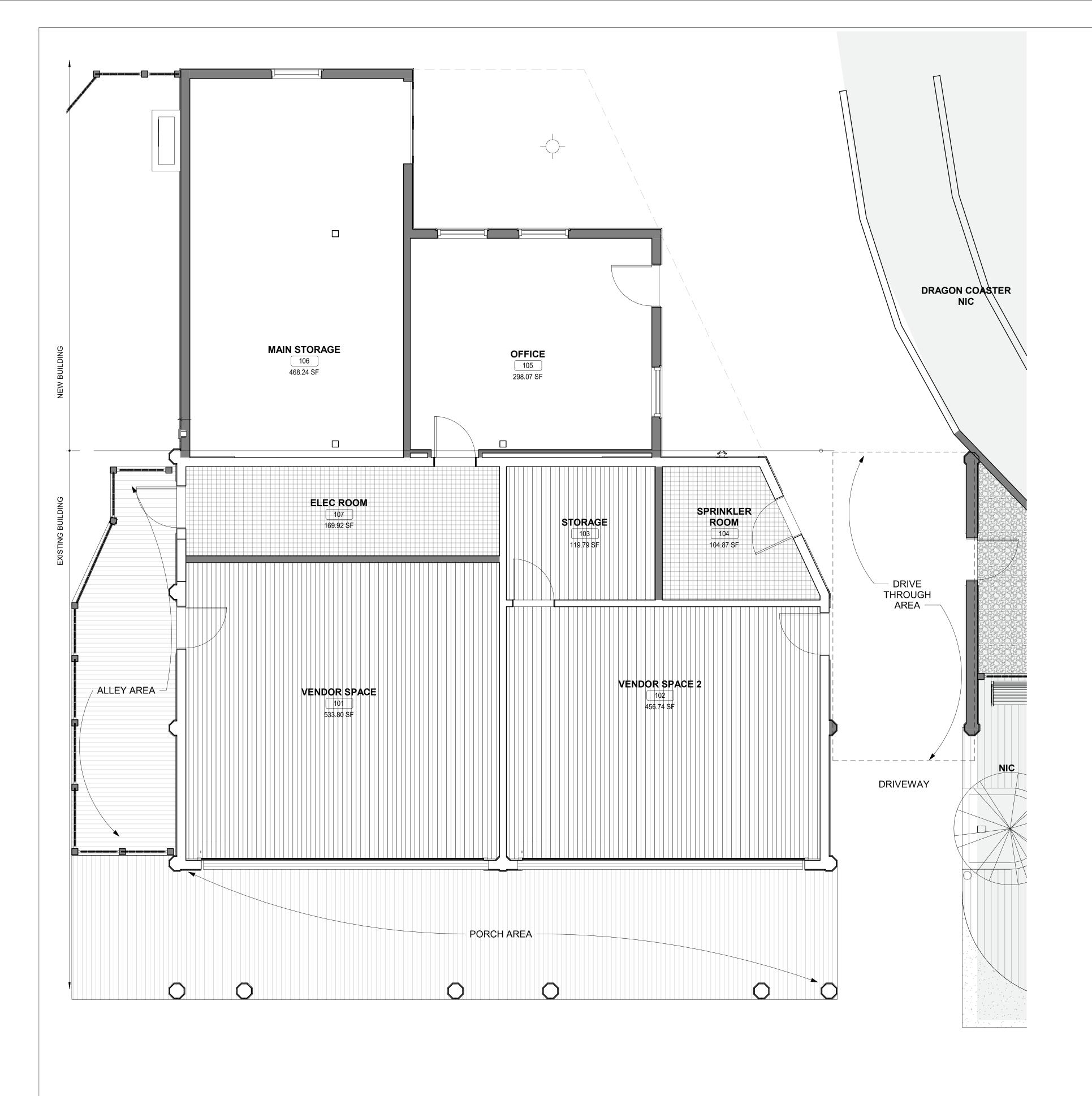
DRIVE THROUGH GATE DETAILS

SHEET NUMBER CXA-A-88 134 of 664 SCALE: **As indicated** DATE: **08/23/2022** DPW FILE 1-118-A-883-0 REV. NO.

INFRASTRICTURE REHARII ITATION DHASE 3				
DIVISION OF ENGINEERING	DWG NO.: 1			
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION	22-523			
	CONTRACT NUMBER			

DRIVE GATE ELEVATION		
1/2" = 1'-0"		





PAINTING SCHEDULE <u>KEY</u> COLOR <u>MANUFACTURER</u> <u>REMARKS</u> 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 BENJAMIN MOORE INTERIOR USE ONLY **READY MIX WHITE** 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** 

SHERWIN WILLIAMS

DECISIVE YELLOW #6902

**FINISH LEGEND:** 

ITEMS NOT IN CONTRACT

TIMBER WOOD DECKING - WD-1

IPE WOOD DECKING - WD-2

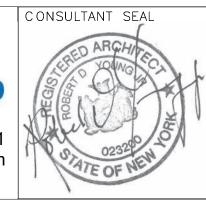
QUARRY TILE FLOOR

			<u>FINISH SC</u>	<u>HEDULE</u>		
ROOM#	ROOM NAME	FLOORS	WALLS	CEILING	DOORS AND TRIM	WALL BA
101	VENDOR SPACE 1	WD-1	P-13	P-13	SEE DOOR SCHEDULE (CXA-A-92)	WB-1
102	VENDOR SPACE 2	WD-1	P-13	P-13	SEE DOOR SCHEDULE (CXA-A-92)	WB-1
103	STORAGE	WD-1	P-13	P-13	SEE DOOR SCHEDULE (CXA-A-92)	WB-1
104	SPRINKLER ROOM	T-1	P-13	P-13	SEE DOOR SCHEDULE (CXA-A-92)	WB-2
105	OFFICE	C-1	P-13	P-13	SEE DOOR SCHEDULE (CXA-A-92)	WB-1
106	MAIN STORAGE	C-1	P-13	P-13	SEE DOOR SCHEDULE (CXA-A-92)	WB-1
103	ELEC ROOM	T-1	P-13	P-13	SEE DOOR SCHEDULE (CXA-A-92)	WB-1
-	PORCH AREA	WD-2	-	P-10	-	-
-	ALLEY AREA	WD-2	-	-	SEE DOOR SCHEDULE (CXA-A-92)	-
-	DRIVE THROUGH AREA	-	-	P-10	SEE DOOR SCHEDULE (CXA-A-92)	-
P-13 P-10	MFR: BENJAMIN MOORE - COLOR: CA					
P-13 P-10	MFR: BENJAMIN MOORE - COLOR: RE MFR: BENJAMIN MOORE - COLOR: CA					
FLOORING	_					
WD-1	2X6 WOOD BOARD TO MATCH IN KINE	WITH EXISTING	FLOOR			
WD-2	2X6 IPE WOOD DECK					
T-1	6X6 QUARRY TILE					
C-1	SEALED CONCRETE					
WALL BASI	E (FOR WALL BASE DETAILS,	SEE CXE-A-XX)				
WB-1	1 x 6 WOOD BASE					
WB-2	QUARRY TILE BASE					
THRESHOL	<u>LD</u> (FOR THRESHOLD DETAILS,	SEE CXE-A-92)				

P- 20

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

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



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OF NEW	REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION		TITLE
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	AS	BUILT	_	CHANGES	AS	NOTED
<u>-</u>		C (	NC	TRACTOR		

DATE \_\_\_\_\_

RECORD DRAWING CERTIFICATION

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

WESTCHESTER COUNTY, NEW YOR \_\_\_\_ AS BUILT — NO CHANGES DEPARTMENT OF PUBLIC WORKS AND TRANSPORTA' DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION PHASE 3** PLAYLAND PARK, RYE, NEW YORK

CROSS AXIS BUILDING A

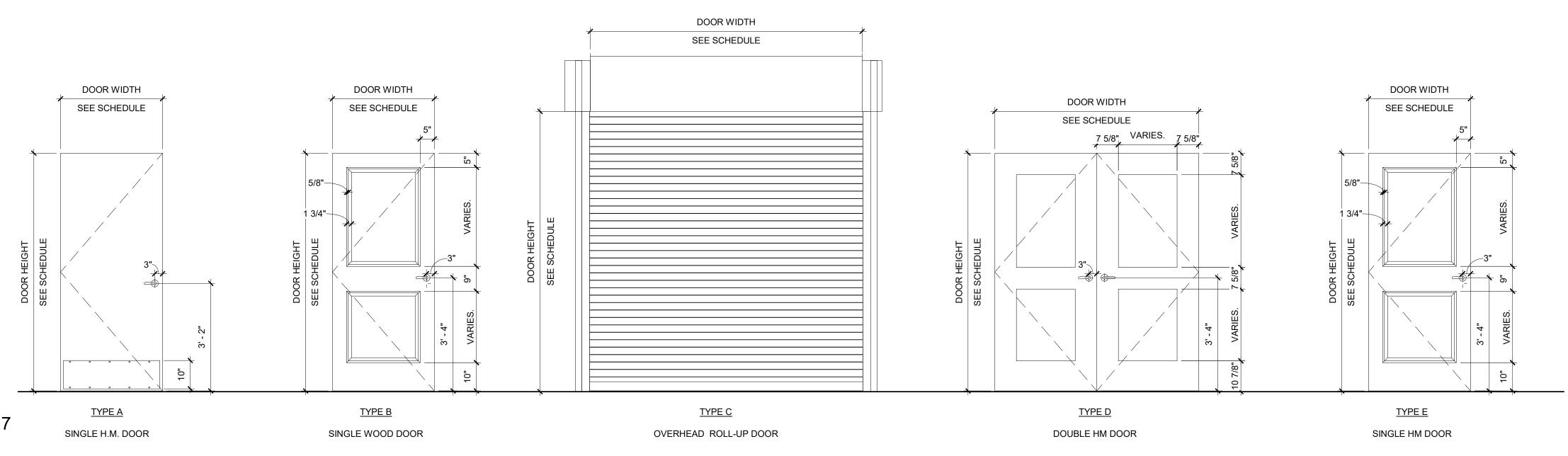
FINISH PLAN AND FINISH SCHEDULE

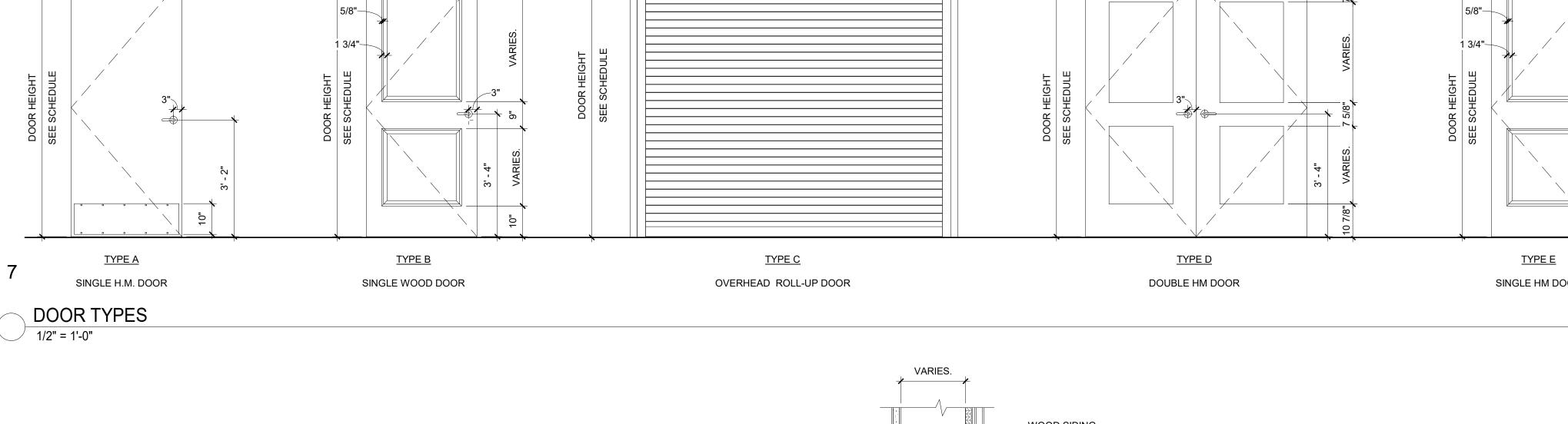
RK	CONTRACT NUMBER	SHEET NUMBER
TION	22-523	CXA-A-91
	DWG NO.: 135 of 6	64
	SCALE: As indica	ated
	DATE: 08/23/201	22

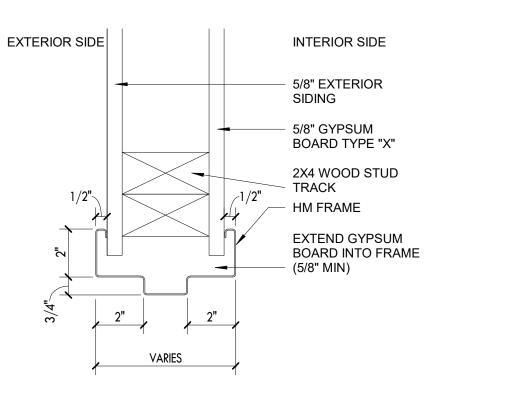
DPW FILE 1-118-A-884-0 REV. NO.

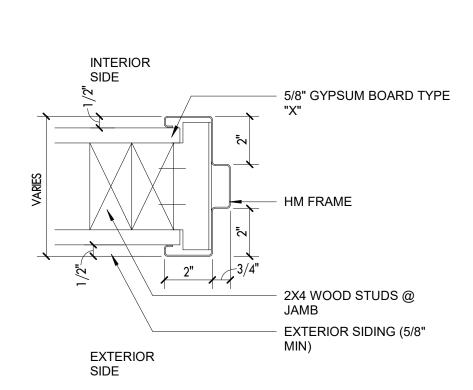
										DOOR SO	CHEDULE			
	DOOR									FRAME				
DOOR NUMBER	DOOR TYPE	WIDTH	HEIGHT	DOOR THICKNESS	DOOR MATERIAL	GLASS	EXTERIOR FINISH	INTERIOR FINISH	FRAME TYPE	MATERIAL	EXTERIOR	INTERIOR	HDWR SET	REMARKS
101A	С	20' - 10"	11' - 3"	-	ALUM	NO	PAINT, P-16	PAINT, P-16	-	-	-	PAINT, P-16	4.0	MOTOR OPERATED
101B	E	3' - 0"	7' - 0"	1 3/4"	H.M.	NO	PAINT, P-1	PAINT, P-13	1	HM.	PAINT, P-4	PAINT, P-13	9.0	STOREFRONT LOCK SET, 45 MIN RATING
102A	С	20' - 10"	11' - 3"	-	ALUM	NO	PAINT, P-16	PAINT, P-16	-	-	-	PAINT, P-16	4.0	MOTOR OPERATED
102B	В	3' - 0"	7' - 0"	1 3/4"	WOOD	NO	PAINT, P-1	PAINT, P-13	2	WD.	PAINT, P-4	PAINT, P-13	10.0	STOREFRONT LOCK SET
103A	А	3' - 0"	7' - 0"	1 3/4"	H.M.	NO	PAINT, P-13	PAINT, P-13	1	H.M.	PAINT, P-13	PAINT, P-13	7.0	STOREFRONT LOCK SET
104A	В	3' - 0"	7' - 0"	1 3/4"	WOOD	NO	PAINT, P-1	PAINT, P-13	2	WD.	PAINT, P-4	PAINT, P-13	9.0	STOREFRONT LOCK SET
105A	В	3' - 0"	7' - 0"	1 3/4"	WOOD	NO	PAINT, P-1	PAINT, P-13	2	WD.	PAINT, P-4	PAINT, P-13	13.0	STOREFRONT LOCK SET
106A	D	6' - 0"	7' - 8"	1 3/4"	H.M.	NO	PAINT, P-1	PAINT, P-13	1	H.M.	PAINT, P-4	PAINT, P-13	10.0	STOREFRONT LOCK SET
107A	E	3' - 0"	7' - 0"	1 3/4"	H.M.	NO	PAINT, P-1	PAINT, P-13	1	HM	PAINT, P-4	PAINT, P-13	11.0	STOREFRONT LOCK SET, 45 MIN RATING
107B	A	3' - 0"	7' - 0"	1 3/4"	H.M.	NO	PAINT, P-13	PAINT, P-13	1	H.M.	PAINT, P-13	PAINT, P-13	12.0	45 MIN RATING
DCV X1	E	3' - 0"	7' - 0"	1 3/4"	H.M.	NO	PAINT, P-1	PAINT, P-1	1	HM	PAINT, P-4	PAINT, P-4	9.0	COORDINATE WITH DRAGON COASTER PLANS, STOREFRONT LOCK SET, 45 MIN RATING

	GATE SCHEDULE									
DOOR NUMBER	DOOR TYPE	WIDTH	HEIGHT	GATE MATERIAL	FINISH	HDWR SET	REMARKS			
EX1	SEE CXA-A-87	3'-0"	7'-0"	STEEL	BLACK	PROVIDE SELF CLOSING HINGES, PANIC HARDWARE WITH LOCKING HANDLE ON OUTSIDE TO BE APPROVED BY ARCHITECT	EXIT DEVICE REQUIRED, SEE DETAILS ON CXA-A-87			
EX2	SEE CXA-A-87	6'-6" VIF	7'-0"	STEEL	BLACK	PROVIDE VERTICAL DROP BAR WITH LOCK	SEE DETAILS ON CXA-A-87			
EX3	SEE CXA-A-86	3'-0"	6'-0"	WOOD	SEE CXA-A-86	6 PROVIDE SELF CLOSING HINGES, & D HANDLE TO BE APPROVED BY ARCHITECT	SEE DETAILS ON CXA-A-86			
EX4	SEE CXA-A-86	3'-0"	6'-0"	WOOD	SEE CXA-A-86	6 PROVIDE SELF CLOSING HINGES, & D HANDLE TO BE APPROVED BY ARCHITECT	SEE DETAILS ON CXA-A-86			

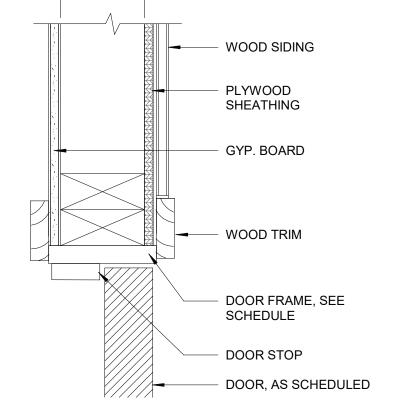


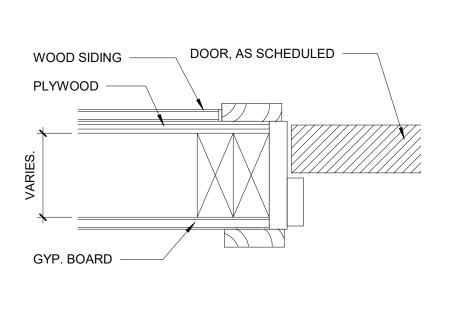






4 DOOR JAMB DETAIL
3" = 1'-0"







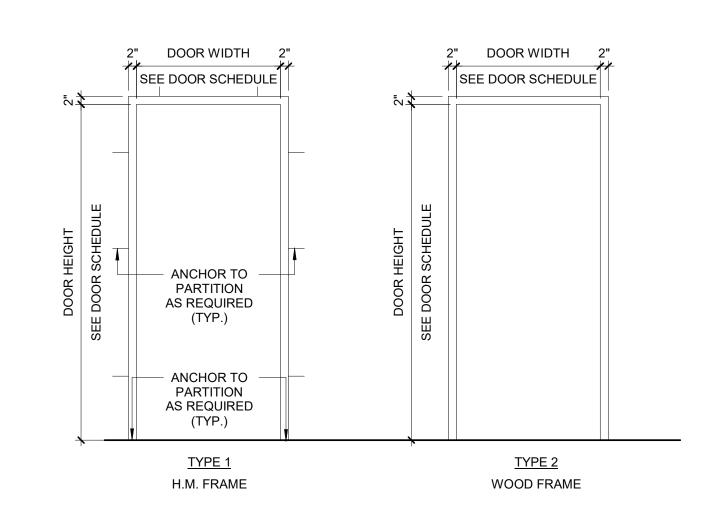
DOOR JAMB DETAIL- WOOD DR FR
3" = 1'-0"

SIGNATURE \_\_\_\_\_

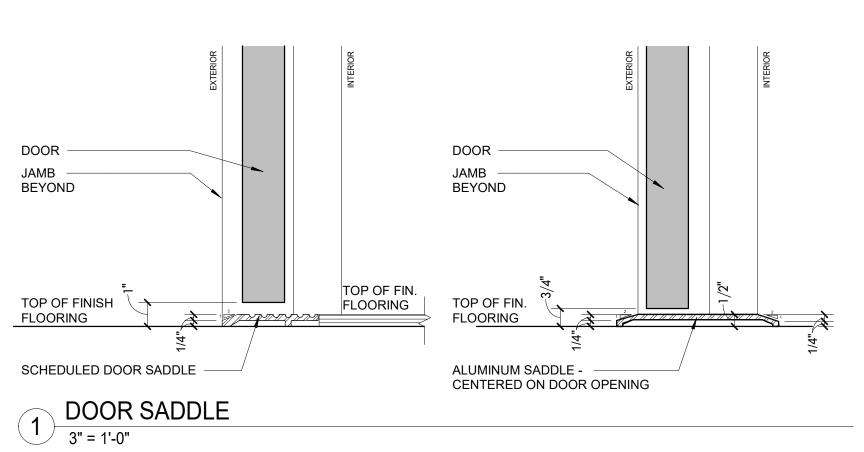
	PAINTING SCHE	DULE	
KEY	COLOR	MANUFACTURER	REMARKS
P- 1	MYSTICAL POWERS #901	BENJAMIN MOORE	
P- 2	HERITAGE RED #HC-181	BENJAMIN MOORE	
P- 3	NEW YORK STATE OF MIND #805	BENJAMIN MOORE	
P- 4	LAZY SUNDAY #803	BENJAMIN MOORE	
P- 5	DEEP JUNGLE #595	BENJAMIN MOORE	
P- 6	LUCK OF THE IRISH #588	BENJAMIN MOORE	
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	

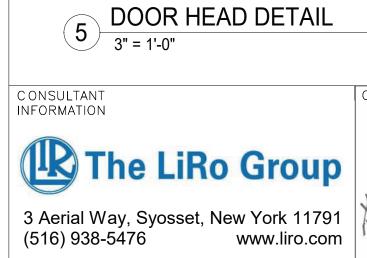
#### **GENERAL DOOR SCHEDULE NOTES:**

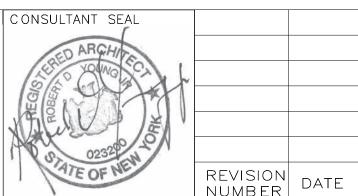
- 1. REFER TO CXA-A-92 SHEET FOR DOOR SILL & TRANSITION DETAILS. SILL TRANSITION INFORMATION IS INDICATED ON FINISH PLAN UNLESS OTHERWISE NOTED.
- 2. REFER TO SHEET CXA-A-91 FOR FINISH SCHEDULE AND LEGEND.
- 3. THE CONTRACTOR SHALL EXAMINE THE DRAWINGS, SCHEDULE AND SPECIFICATIONS AND FURNISH PROPER 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.



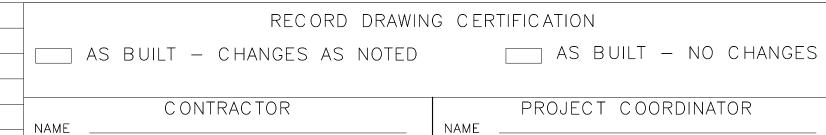








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0232						SIGNATURE
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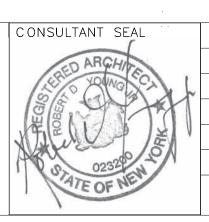
\_\_\_\_\_ DATE \_\_\_\_\_

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

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		DI∖	/ISION	OF	ENGIN	IEERIN	G	
INF							PHASE 3	
	PL	AYL	.AND F	PAR	K, RYE,	NEW Y	ORK	
		С	ROSS	<b>AXI</b>	S BUILD	DING A		
DO	OR 8	. HA	RDWA	RE :	SCHED	ULES &	DETAILS	

K	C ONTRACT NUMB ER	SHEET NUMBER						
ION	22-523	CXA-A-92	CXA-A-92					
	DWG NO.: 136 of 664							
	SCALE: As indic	ated						
	DATE: <b>08/23/20</b>	22						
	DPW FILE 1-118-A	A-885-0	REV. NO.	0				





WINDOW

NUMBER

W1

W2

W3

W4

OZATE OF NEW	REVISION NUMBER	MADE BY	APP'D BY	**	REVISION	
5			· .		· .	
			• .		·.	
SED ARCHIVE						
NSULTANT SEAL						

DRAWING CERTIFICATION AS BUILT - NO CHANGES PROJECT COORDINATOR NAME SIGNATURE DATE

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

WINDOW SCHEDULE

SHEET NUMBER 08/23/2022 DATE: REV. NO.

DEPARTMENT OF PUBLIC WORKS AND TRAN

V YORK	NUMI	ろヒト
ISPORTATION	22-	52
	DWG	NC

**PAINTING SCHEDULE** 

**MANUFACTURER** 

BENJAMIN MOORE

BENJAMIN MOORE

BENJAMIN MOORE

BENJAMIN MOORE

BENJAMIN MOORE

BENJAMIN MOORE

SHERWIN WILLIAMS

SHERWIN WILLIAMS

SHERWIN WILLIAMS

SHERWIN WILLIAMS

KEIM

**BENJAMIN MOORE** 

**BENJAMIN MOORE** 

**BENJAMIN MOORE** 

SHERWIN WILLIAMS

SHERWIN WILLIAMS

BENJAMIN MOORE INTERIOR USE ONLY

**BENJAMIN MOORE** 

BENJAMIN MOORE

<u>COLOR</u>

MYSTICAL POWERS #901

HERITAGE RED #HC-181

NEW YORK STATE OF MIND #805

LAZY SUNDAY #803

DEEP JUNGLE #595

LUCK OF THE IRISH #588

MAJOLICA GREEN #0013

ANTELOPE CANYON #125

FORSYTHIA #6907

CAPE BLUE #1642

WHITE SNOW #9541

TRICORN BLACK #6258

READY MIX WHITE

STUCCO PAINT TO MATCH P-1

VAN DEUSEN BLUE #HC-156

#RAL9001

FLORIDA BEACHES #900

PIRATES COVE PEACH #903

**JADITE #6459** 

DECISIVE YELLOW #6902

KEY P- 1

P- 2

P- 3

P- 4

P- 5

P- 6

P- 7

P- 8

P- 9

P- 10

P- 11

P- 12

P- 13

P- 14

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P- 17

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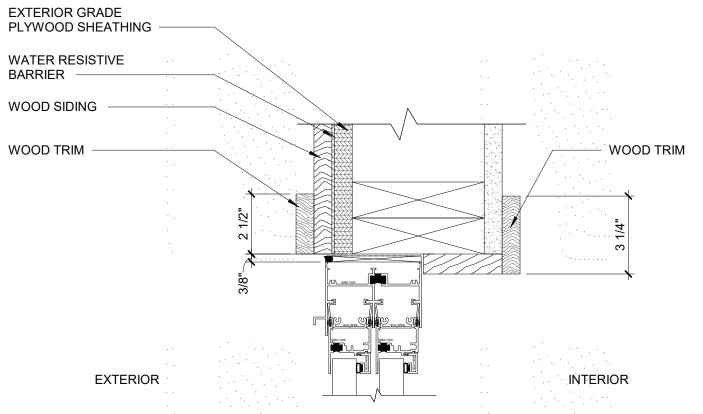
P- 19

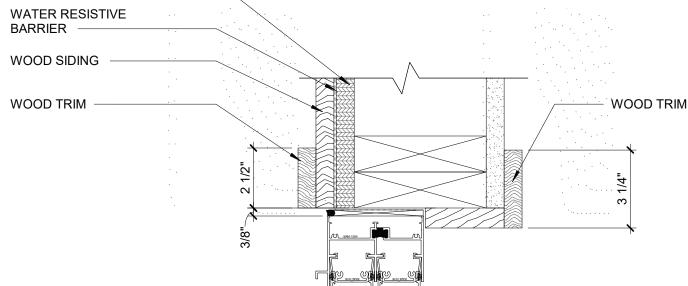
P- 20

REMARKS

TYP. ROLL UP DOOR

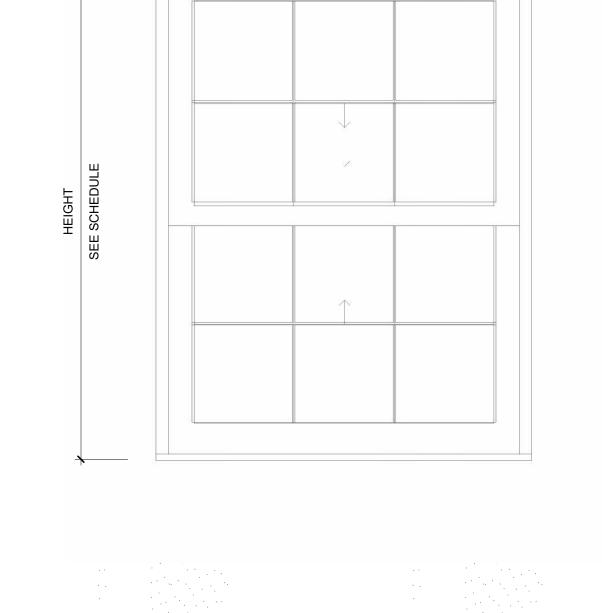
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N	22-523	CXA-A-93	
	DWG NO.: 137 of 6	64	1
	SCALE: As indic	ated	











WINDOW

TYPE

LEVEL

T.O. SLAB

T.O. SLAB

T.O. SLAB

T.O. SLAB

WIDTH

3' - 9"

3' - 9"

3' - 9"

3' - 9"

WIDTH

SEE SCHEDULE

HEIGHT

5' - 1"

5' - 1"

5' - 1"

SILL HEIGHT | WINDOW MATERIAL |

3' - 0"

3' - 0"

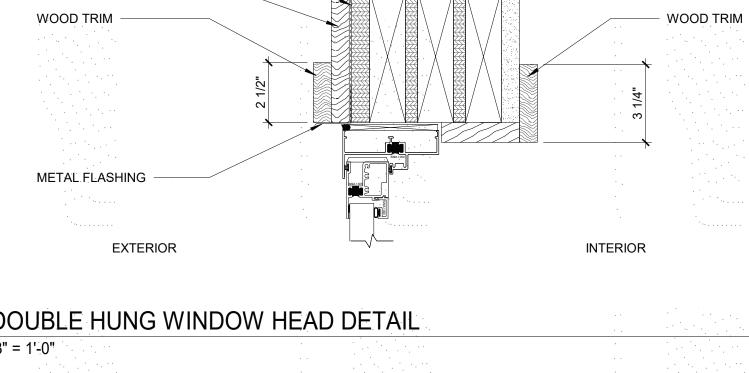
3' - 0"

ALUM. P-12

ALUM. P-12

ALUM. P-12

ALUM. P-12



REMARK



**EXTERIOR GRADE** 

WATER RESISTIVE

WOOD SIDING

BARRIER

PLYWOOD SHEATHING

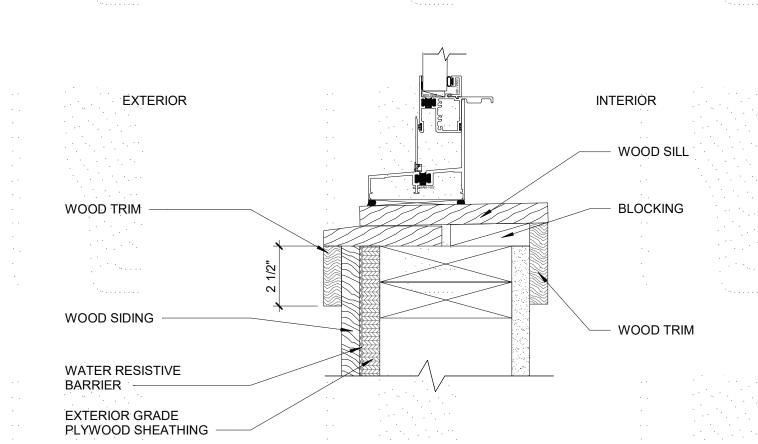


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<u>(1</u>	DC	UBLE HUN	IG WINDOW	SILL	DETAIL
	<b>3" =</b>	: 1'-0"			

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10/01				NAME
JA 121	V			CONTRACTOR
Ja Lak				
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CHIVE				AS BUILT — CHANGES AS NOT
100				TEO OND BIN
T SEAL				RECORD DRA
* .				

WINDOW SCHEDULE

EXTERIOR TRIM

WOOD, P-4

WOOD, P-4

WOOD, P-4

WOOD, P-4

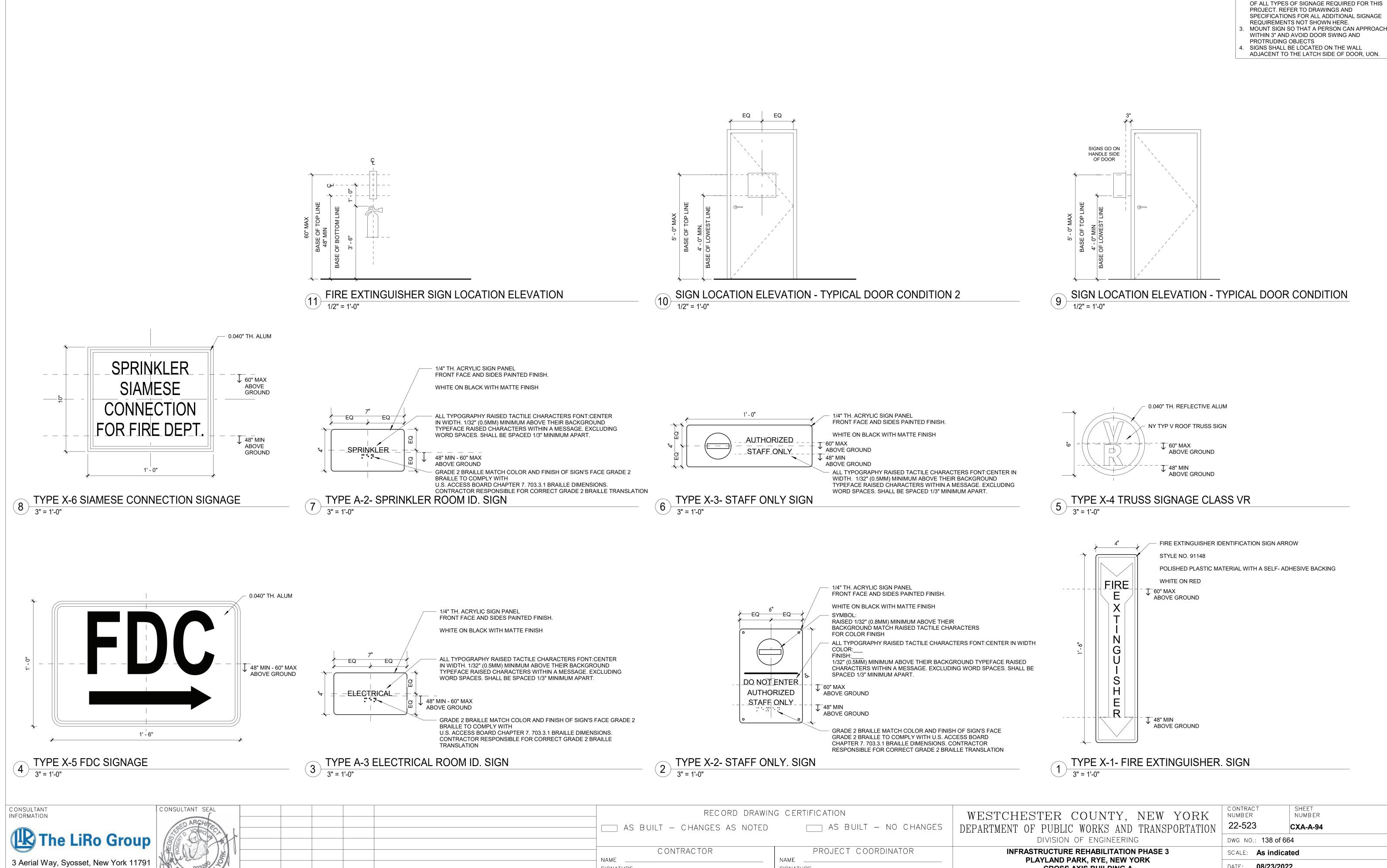
INTERIOR TRIM

WOOD, P-13

WOOD, P-13

WOOD, P-13

WOOD, P-13



SIGNATURE

REVISION

MADE APP'D BY

DATE

NUMBER

SIGNATURE \_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_

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

**SIGNAGE GENERAL NOTES** 

A117.1 REQUIREMENTS.

DATE: **08/23/2022** 

DPW FILE **1-118-A-887-0** 

REV. NO.

CROSS AXIS BUILDING A

SIGNAGE TYPES AND DETAILS

1. ALL PANEL SIGNAGE SHALL BE WALL MOUNTED AT 48" MIN AND 60" MAX ABOVE THE ADJACENT FINISHED FLOOR MEASURED FROM THE BASELINE OF THE CHARACTERS AND IN COMPLIANCE WITH THE LATEST ADOPTED VERSION OF ICC/ANSI-

SIGNAGE SHOWN HERE MAY NOT BE INCLUSIVE

(516) 938-5476

#### STRUCTURAL NOTES

#### <u>GENERAL</u>

- G-1 THESE NOTES ARE GENERAL AND SUPPLEMENTAL TO THE SPECIFICATIONS.
  THESE NOTES APPLY TO THE ENTIRE PROJECT UNLESS MODIFIED OR NOTED
  OTHERWISE IN THE CONTRACT DOCUMENTS.
- G-2 STANDARD DETAILS, SHOWN ON DRAWINGS CXA-S-14 THRU CXA-S-17 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:

NORTH GAMES BUILDING::
FLOOR: 60 PSF

SNOW LOADS: GROUND SNOW LOAD, Pg = 30 PSF ROOF SNOW LOAD, Pf= 21 PSF SNOW EXPOSURE FACTOR, Ce = 0.9 SNOW LOAD IMPORTANCE FACTOR, THERMAL FACTOR, Ct = 1.0

WIND DESIGN:

BASIC WIND SPEED, V = 126 MPH
BUILDING CATEGORY: II
WIND EXPOSURE CATEGORY: D
INTERNAL PRESSURE COEFFICIENT, GCpi = ±0.18

SEISMIC DESIGN:

SPECTRAL RESPONSE COEFFICIENTS:

SDS = 0.296

SD1 = 0.096

SITE CLASS: B

SEISMIC DESIGN CATEGORY: C

SEISMIC IMPORTANCE FACTOR: I = 1.25

BASIC SEISMIC FORCE RESISTING SYSTEM IS

AS SHOWN ON DRAWINGS

DESIGN BASE SHEAR, V = AS SHOWN ON DRAWINGS

ANALYSIS PROCEDURE IS EQUIVALENT LATERAL FORCE

METHOD, UON.

RESPONSE MODIFICATION FACTOR, R:

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.

CROSS AXIS BUILDING A:  $R = 1 \frac{1}{2}$ 

- G-5 ALL DIMENSIONS INDICATED (\*) ARE TO BE VERIFIED EITHER BY FIELD MEASUREMENTS FOR EXISTING STRUCTURES OR BY SHOP DRAWINGS FOR EQUIPMENT FURNISHED. STRUCTURAL DIMENSIONS NOT SHOWN BUT CONTROLLED BY OR RELATED TO EQUIPMENT SHALL BE VERIFIED BY THE CONTRACTOR WITH THE MANUFACTURER PRIOR TO CONSTRUCTION.
- G-6 STRUCTURAL DRAWINGS SHALL BE USED IN COORDINATION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND MANUFACTURER'S SHOP DRAWINGS.
- -7 IF A CONFLICT IS FOUND BETWEEN DIFFERENT PORTIONS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. CONTINUED CONSTRUCTION OF THE AREA IN CONFLICT SHALL BE AT THE CONTRACTOR'S OWN RISK UNTIL THE CONFLICT IS RESOLVED BY THE ENGINEER.
- G-8 WHENEVER ONE MEMBER IS FASTENED TO ANOTHER WITH FASTENINGS (BOLTS, WELDS, ETC.) SET AT A UNIFORM SPACING, THERE SHALL BE A MINIMUM OF TWO FASTENINGS PER PIECE CONNECTED AND THE FIRST AND LAST FASTENINGS SHALL BE LOCATED NOT TO EXCEED 0.25 OF FASTENER SPACING FROM EACH END.
- G-9 STRUCTURES HAVE BEEN DESIGNED FOR OPERATIONAL LOADS ON THE COMPLETED STRUCTURE. DURING CONSTRUCTION, THE STRUCTURES SHALL BE PROTECTED BY BRACING AND TEMPORARY SUPPORTS WHEREVER EXCESSIVE CONSTRUCTION LOADS MAY OCCUR. OVERSTRESSING OF ANY STRUCTURAL ELEMENT IS PROHIBITED.
- G-10 NO BACKFILL SHALL BE PLACED AGAINST ANY WALL UNLESS ALL SUPPORTING ELEMENTS OF THE STRUCTURE HAVE BEEN CONSTRUCTED AND HAVE REACHED THE SPECIFIED MINIMUM CONCRETE STRENGTH.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING INFORMATION IN THE FIELD AS REQUIRED FOR NEW WORK.

#### **FOUNDATIONS**

- F-1 DESIGN ASSUMPTIONS:

  A) ALLOWABLE BEARING PRESSURE: 1. SOUND ROCK 8 TSF, 2. OVERBURDEN 1 TSF.
  - B) GROUNDWATER: EXISTING GROUNDWATER ELEVATIONS VARY ACROSS SITE.
- F-2 GRAVITY UNDER DRAINS SHALL BE PROVIDED TO PERMANENTLY LOWER GROUNDWATER.
- F-3 CONCRETE GENERAL NOTES APPLY TO FOUNDATIONS.
- F-4 MINIMUM DEPTH FROM ADJACENT FINISHED GRADE TO BOTTOM OF FOUNDATION, 4'-0"
- -5 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
- 3 PROVIDE MIN 3/4" DIAMETER ASTM A 325 HIGH STRENGTH BOLTS WITH

E) STRUCTURAL S, M, & H SHAPES ASTM A572 GRADE 50.

- FULLY TIGHTENED TYPE N CONNECTIONS FOR STRUCTURAL STEEL UON.

  S-4 PROVIDE TYPICAL STEEL BEAM CONNECTIONS FOR A CAPACITY NOT LESS
  THAN THE TOTAL UNIFORM LOAD CAPACITY TABULATED IN THE AISC TABLES
- S-5 CAST IN PLACE ANCHOR BOLTS FOR STRUCTURAL STEEL SHALL CONFORM TO ASTM A307 UON.

FOR ALLOWABLE LOADS OF BEAMS UNLESS NOTED OTHERWISE.

- S-6 DO NOT PAINT STEEL SURFACES WHICH ARE TO BE WELDED OR ARE TO BE ENCASED IN CONCRETE.
- S-7 STAINLESS STEEL SHALL BE TYPE 316 FOR BOLTED CONSTRUCTIONS AND 316L FOR WELDED CONSTRUCTIONS.
- S-8 ALUMINUM SHALL BE ALLOY 6061-T6.
- S-9 ALL GROOVE AND BUTT WELDS SHALL BE FULL PENETRATION.
- S-10 FILLET WELD SIZES SHALL BE THE MINIMUM SIZE REQUIRED BY AISC CODE FOR PLATE SIZES TO BE CONNECTED AND SHALL BE APPLIED TO THE ENTIRE JOINT CONTACT LENGTH, BUT NOT LESS THAN 3/16".
- S-11 DETAIL, FABRICATE, AND ERECT ALUMINUM IN ACCORDANCE WITH THE ALUMINUM ASSOCIATION CONSTRUCTION MANUAL CURRENT EDITION.
- S-12 ALL BOLTS, ANCHOR BOLTS, AND CONCRETE ANCHORS CONNECTING ALUMINUM SHALL BE TYPE 316 STAINLESS STEEL UON.
- S-13 ALUMINUM SHALL BE ISOLATED FROM CONTACT WITH CONCRETE OR DISSIMILAR METALS.

#### EXCAVATION

- E-1 CONTRACTOR SHALL PERFORM ALL EXCAVATION IN ACCORDANCE WITH STATE, LOCAL AND FEDERAL REQUIREMENTS INCLUDING OSHA BRACING AND EXCAVATION REQUIREMENTS.
- E-2 TEMPORARY SHEETING AND BRACING IS NOT SHOWN ON CONTRACT DRAWINGS. ALL EXCAVATIONS WITH A POTENTIAL FOR CAVE-IN SHALL BE PROVIDED WITH EXCAVATION PROTECTION SYSTEMS IN ACCORDANCE WITH OSHA 1926. SLOPING AND BENCHING WHICH WILL ENCROACH ON AREAS SLATED TO REMAIN ACCESSIBLE OR THAT MAY ENCROACH ON EXISTING FOOTINGS AND STRUCTURES SHALL NOT BE PERMITTED.
- E-3 CONTRACTOR SHALL ENGAGE THE SERVICES OF A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK TO DESIGN ALL TEMPORARY SHEETING AND BRACING AND RELATED APPURTENANCES. CONTRACTOR TO SUBMIT SUCH PLANS TO ENGINEER FOR INFORMATION.
- E-4 CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING OF OPEN FXCAVATIONS
- E-5 ALL EXCAVATED MATERIALS SHALL BE REMOVED FROM SITE TO A FACILITY AS REQUIRED BY STATE, LOCAL FEDERAL LAW.

#### <u>TIMBER</u>

- T-1 ALL WOOD FRAMING MEMBERS INCLUDING, BUT NOT LIMITED TO, WALL STUDS AND JOISTS, ARE INTENDED TO ACT AS A SYSTEM AS DETAILED IN THE STRUCTURAL DRAWINGS AND ONCE CONSTRUCTION IS COMPLETE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE SAFETY AND STABILITY OF WOOD FRAMING SYSTEMS (I.E. TEMPORARY BRACING IF REQUIRED) DURING CONSRTUCTION AS A RESULT OF CONSTRUCTION METHODS AND SEQUENCES.
- T-2 ALL TIMBER BELOW FLOOR DECKING SHALL BE PRESSURE-TREATED SOUTHERN PINE LUMBER.
- T-3 STORAGE OF ALL LUMBER AND TIMBER ON SITE SHALL BE KEPT OFF GROUND, UNDER COVER AND PROTECTED FROM DAMAGE.
- T-4 ALL DIMENSIONAL LUMBER SHALL BE CERTIFIED BY THE SUPPLIER IN WRITING TO BE KILN DRIED.
- T-5 STRUCTURE SHALL NOT BE ENCLOSED UNLESS LUMBER MOISTURE CONTENT HAS BEEN VERIFIED TO BE AT OR BELOW 15%. ANY SIGNS OF MOLD SHALL BE REMOVED AND TREATED IN ACCORDANCE WITH PROJECT SPECIFICATIONS OR INDUSTRY STANDARDS.
- T-6 ALL LUMBER IN CONTACT WITH THE GROUND OR CONCRETE SHALL BE PRESSURE TREATED.
- T-7 FASTENERS FOR PRESERVATIVE TREATED AND FIRE RETARDANT TREATED WOOD SHALL BE OF HOT DIPPED ZINC COATED GALVANIZED STEEL OR STAINLESS STEEL AND SHALL FOLLOW CURRENT SIMPSON GUIDELINES BASED ON WEATHER EXPOSURE. WHERE STAINLESS STEEL CONNECTORS OR HOT DIPPED GALVANIZED CONNECTORS ARE SPECIFIED IN THE DRAWINGS, STAINLESS STEEL OR HOT DIPPED GALVANIZED FASTENERS SHALL BE USED TO MATCH CONNECTOR TYPE.
- T-8 ALL PLATES AND LEDGERS SHALL BE FASTENED WITH A MINIMUM (3) ANCHORS PER PIECE UNLESS NOTED OTHERWISE.
- T-9 ALL METAL HARDWARE AND FRAMING ACCESSORIES SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY. ALL ITEMS SHALL BE INSTALLED PER THE SIMPSON'S INSTALLATION REQUIREMENTS. ALL NAIL HOLES SHALL BE FILLED WITH THE RECOMMENDED FASTENER UNLESS NOTED OTHERWISE ON THE DRAWING.
- T-10 HOLES FOR BOLTS SHALL BE DRILLED WITH A BIT OF THE SAME NOMIMAL DIAMETER AS THE BOLT + 1/16". LEAD HOLES FOR LAG SCREWS SHALL BE BORED PER NDS 11.1.3.
- T-11 ALL BOLTS, CARRIAGE BOLTS, LAG SCREWS, EXPANSION BOLTS AND EPOXY BOLTS SHALL BE INSTALLED WITH STANDARD CUT WASHERS UNDER THE BOLT HEAD AND NUTS THAT BEAR DIRECTLY ON THE WOOD. ALL NUTS SHALL BE TIGHTENED AT THE TIME OF INSTALLATION AND RE-TIGHTENED IF NECESSARY, DUE TO WOOD SHRINKAGE, PRIOR TO CLOSE OUT OR COMPLETION OF THE PROJECT. BOLTS AND LAG SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1. WOOD SCREWS SHALL CONFORM TO B18.6.1. ALL BOLTS SHALL CONFORM TO ASTM A307 GRADE A UNLESS NOTED OTHERWISE.
- T-12 CUTTING AND NOTCHING OF SAWN LUMBER RAFTERS AND STUDS SHALL BE IN CONFORMANCE WITH THE FOLLOWING CRITERIA:
  - A. JOISTS NOTCHES AT THE ENDS OF JOISTS SHALL NOT EXCEED 1/5
    OF THE JOIST DEPTH. HOLES IN JOISTS SHALL NOT BE WITHIN 2½
    INCHES OF THE TOP OR BOTTOM OF THE JOIST, AND THE DIAMETER
    OF ANY SUCH HOLE SHALL NOT EXCEED 1/4 THE DEPTH OF THE
    JOIST. NOTCHES IN THE TOP OR BOTTOM OF THE JOISTS SHALL NOT
    EXCEED 1/6 THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE
    OF THE THIRD SPAN.
  - B. RAFTERS NOTCHES AT THE ENDS OF RAFTERS OR CEILING JOISTS SHALL NOT EXCEED 1/5 OF THE DEPTH. NOTCHES IN THE TOP OR BOTTOM OF THE RAFTER OR CEILING JOIST SHALL NOT EXCEED 1/6 THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE 1/3 OF THE SPAN. EXCEPT THAT A NOTCH NOT EXCEEDING 1/3 OF THE DEPTH IS PERMITTED IN THE TOP OF THE RAFTERS OR CEILING JOIST NOT FURTHER FROM THE FACE OF THE SUPPORT THAN THE DEPTH OF THE MEMBER. HOLES BORED IN RAFTERS OR CEILING JOISTS SHALL NOT BE WITHIN 2½" INCHES OF THE TOP AND BOTTOM AND THEIR DIAMETER SHALL NOT EXCEED 1/4 THE DEPTH OF THE MEMBER.
  - C. WALL STUDS A MAXIMUM OF 21/4" DIAMETER NEATLY BORED HOLE MAY BE PLACED IN THE CENTER OF ALL BEARING 2x6 STUDS WITH NO ADDITIONAL REINFORCEMENT REQUIRED.

#### <u>SPECIAL INSPECTIONS — CROSS AXIS BUILDING A</u> S—1 SPECIAL INSPECTION SHALL COMPLY WITH SPECIFICATIONS.

- S-2 SPECIAL INSPECTION WILL BE PERFORMED IN ACCORDANCE WITH CHAPTER 17 OF THE NYS BUILDING CODE.
- S-3 SPECIAL INSPECTION WILL BE PERFORMED ON THE FOLLOWING STRUCTURAL SYSTEMS:
  - A) STRUCTURAL STEEL CONSTRUCTION (1705.5).
  - B) WOOD CONSTRUCTION (1705.4).
  - C) CONCRETE CONSTRUCTION (1705.3).
  - D) SOILS (1705.6).
  - E) WIND RESISTANCE (1705.11).
  - F) SEISMIC RESISTANCE (1705.11).

#### CONCRETE (EXCEPT PRECAST)

- C-1 CONCRETE STRENGTH CLASSES (28-DAY COMPRESSIVE STRENGTH):
  CLASS A (5000 PSI) STRUCTURES, REINFORCED DUCT BANKS, AND PIPE
  ENCASEMENT. FOR CONCRETE WALLS GREATER THAN 2 FEET THICK FOLLOW
  ACI RECOMMENDATIONS FOR MASS CONCRETE.
  CLASS D (2500 PSI) SIDEWALKS, CURBS AND GUTTERS, CONCRETE FILL,
  THRUST BLOCKS, UNREINFORCED DUCT BANKS AND PIPE ENCASEMENT,
  FENCE POST EMBEDMENT.
- C-2 REINFORCEMENT: ASTM A615, GRADE 60, OR ASTM A706, GRADE 60 WHERE REINFORCEMENT IS TO BE WELDED.
- C-3 CONCRETE COVER FOR REINFORCING:

  A) SURFACES CAST AGAINST SUBGRADE 3" MIN.

  B) FORMED SURFACES IN CONTACT WITH SOIL OR LIQUID 2" MIN.

  C) SURFACES NOT IN CONTACT WITH WEATHER, SOIL, OR LIQUID 1 1/2" MIN.
- C-4 CONSTRUCTION JOINTS & CONTROL JOINTS SHALL BE LOCATED AS SHOWN ON THE DRAWINGS. WHERE NOT SHOWN, CONSTRUCTION JOINTS SHALL BE LOCATED AT NO MORE THAN 30 FEET ON CENTER. JOINT LOCATIONS SHALL BE AS APPROVED BY THE ENGINEER.
- C-5 EQUIPMENT SUPPORTS, ANCHORAGES, OPENINGS, RECESSES AND REVEALS NOT SHOWN ON THE STRUCTURAL DRAWINGS BUT REQUIRED BY OTHER DISCIPLINES, SHALL BE PROVIDED FOR PRIOR TO PLACING CONCRETE.
- C-6 SPLICES SHALL BE CLASS 'B' CONFORMING TO THE PROVISIONS OF ACI 318 UNLESS NOTED OTHERWISE.
- C-7 AT ALL TYPICAL CURBS, EQUIPMENT PADS, AND PIPE SUPPORT PIERS, REINFORCING DOWELS SHOWN MAY BE REPLACED WITH MATCHING DOWELS SET IN EPOXY IN DRILLED HOLES AS SPECIFIED. DOWELS LOCATED CLOSER THAN 3" FROM ANY EDGE OF CONCRETE SHALL NOT BE REPLACED WITH DRILLED DOWELS.
- C-8 DRILLED EPOXY DOWELS (WHERE DOWELS ARE SHOWN TO BE PLACED INTO HARDENED CONCRETE):
- A) THE HOLE DIAMETER SHALL BE NO LARGER THAN 1/8" GREATER THAN THE DIAMETER OF THE REINFORCING BAR AT THE DEFORMATIONS.

MODIFIED, CONTACT THE ENGINEER.

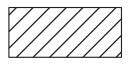
- B) THE DEPTH OF EMBEDMENT SHALL BE 12 BAR DIAMETERS, UNLESS SHOWN OTHERWISE.C) ADJUST THE DOWEL LOCATIONS AS NEEDED TO AVOID DRILLING THROUGH ANY REINFORCING BARS.IF THE DOWEL LOCATION NEEDS TO BE
- C-9 SLABS WITH SLOPING SURFACES SHALL HAVE THE INDICATED SLAB THICKNESS MAINTAINED AS THE MINIMUM. SLAB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

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

<u>LEGEND</u>

EXISTING REINFORCED CONCRETE WALL OR STRUCTURE TO BE DEMOLISHED

SAW CUT LINE — FULL DEPTH UNLESS NOTED OTHERWISE



- D-1 CONTRACTOR IS ALERTED THAT LIMITS OF DEMOLITION SHOWN IS APPROXIMATE. ACTUAL LIMITS SHALL BETHE MINIMUM REQUIRED FOR NEW STRUCTURE. CONTRACTOR TO CO-ORDINATE AND SUBMIT DEMOLITION PROCEDURE PER SPECIFICATIONS.
- D-2 ALL ITEMS SHOWN ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
- D-3 FOR ADDITIONAL DEMOLITION REQUIREMENTS SEE SPECIFICATIONS (024116).
- D-4 ALL EXISTING CONCRETE TO BE DEMOLISHED IS STEEL REINFORCED UNLESS NOTED OTHERWISE. REINFORCING STEEL NOT SHOWN FOR CLARITY.
- D-5 FOR ADDITIONAL DEMOLITION NOT SHOWN, SEE G, A, M, E, H, AND P

RECORD DRAWING CERTIFICATION WESTCHESTER COUNTY, NEW YORK IUMBER NUMBER IFORMATION AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION CXA-S-01 22-523 DIVISION OF ENGINEERING DWG NO.: SCALE: **AS SHOWN 664** PROJECT COORDINATOR CONTRACTOR **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK 8/23/ 2022 ATF: SIGNATURE SIGNATURE Savin Engineers, P.C. **CROSS AXIS BUILDING A** \_\_\_\_\_ DATE \_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_ DPW FILE 1-118-S-888-0 REVISION STRUCTURAL NOTES REVISION NUMBER

GA

GB

GR

GALV

GRTG

HGT

HORZ

HSS

MG

MGD

AB ADDL ADH ADJ AFF AGG AL ALT APPROX ARCH AVG	ANCHOR BOLT ADDITIONAL ADHESIVE ADJUSTABLE/ADJACENT ABOVE FINISHED FLOOR AGGREGATE ALUMINUM ALTERNATE APPROXIMATE ARCHITECTURAL AVERAGE	
B BLDG BM BOF BOS BOT BRG BT	BORING BUILDING BEAM/BENCH MARK BOTTOM OF FOOTING BOTTOM OF STEEL BOTTOM BEARING BOLT	
C C TO C CANT CJ CL CLR	CHANNEL CENTER TO CENTER CANTILEVER CONSTRUCTION JOINT CENTER LINE CLEAR	

CLEAN OUT

COLUMN

CONCRETE

CONSTRUCTION

CMU CO

COL

CONC

CONST

CONTR

CONT

CP

CLJ

CTR

CY

DET

DIM DIST

DN DO DP

DWG

DWL

EΑ

ELEV

ENGR

EMB

**ENCL** 

ENT

EQ

EQPT

EW

**EXIST** 

EXP JT

EXP

FD FDN FFL

FLR

FTG F&C

DIA (Ø)

INCL INT INV LLH CONCRETE MASONRY UNIT LLV LOC LVR LWL MATL MAX MECH MET

CONTINUOUS CONTRACTOR CONCRETE PLANK CONTROL JOINT CENTER CUBIC YARD MFR DETAIL DIAMETER DIAGONAL MH DIMENSION MIN DISTANCE MISC DOWN MO DITTO MOD DEEP MTD DRAWING DOWEL EAST NA NIC EACH NO EACH FACE NOM ELEVATION NTS ELEVATOR ENGINEER OC EMBEDMENT ENCLOSURE

OD OF ENTRANCE OPNG EQUAL OPP OT EQUIPMENT EACH WAY OVHD **EXISTING** EXPANSION EXPANSION JOINT EXTERIOR FABRICATE FLOOR DRAIN FOUNDATION FINISH FLOOR FINISH FLOOR FEET **FOOTING** FRAME&COVER FRAME&GRATE

GAUGE GALVANIZE GRADE BEAM GRADE GRATING HEIGHT HORIZONTAL HIGH POINT HOLLOW STRUCTURAL STEEL

> INSIDE DIAMETER INSIDE FACE

INCH

INCLUDE

INTERIOR

INVERT

JOIST

JOINT

LONG

JUNCTION BOX

LENGTH/ANGLE

LONG LEG HORIZONTAL

LONG LEG VERTICAL

LOW WATER LEVEL

LINEAR FEET

LIVE LOAD

LOCATION

LOW POINT

LOUVER

MASONRY

MATERIAL

MAXIMUM

METAL

MANHOLE

MINIMUM

MOUNTÉD

NORTH

NUMBER

NOMINAL

MECHANICAL

MANUFACTURER

MILLION GALLONS

MISCELLANEOUS

MASONRY OPENING

MODIFY/MODIFIED

NOT APPLICABLE

NOT TO SCALE

OUTSIDE FACE

ON CENTER

OPENING

OPPOSITE

OVERHEAD

PARALLEL

PARTITION

PAVEMENT

QUANTITY

PILE CUT OFF

PREFABRICATED

OPEN TRUSS

NOT IN CONTRACT

OUTSIDE DIAMETER

POINT OF CURVE/PIECE

POINT OF INTERSECTION

PLATE/PROPERTY LINE

POINT OF TANGENCY

POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH

MILLION GALLONS PER DAY

JUNCTION

RCP RD REINF RECT REM REQD RO

RAD

SOUTH SCHED SECT SF SCHEDULE SECTION SQUARE FEET SHT SHEET SIM SIMILAR SJ SPEC SQ SS STA STD STR STIF STIR STIL STRUC SUB STEEL JOIST SPECIFICATION SQUARE STAINLESS STEEL STATION STANDARD STAIR STIFFENER STIRRUP STEEL STRUCTURAL SUBSTITUTE SYM SYMMETRICAL T&B

TOP AND BOTTOM T&G TOUNGE AND GROOVE TAN TEMP THK TANGENT TEMPERATURE THICK TOC TOD TOP OF CURB/CONCRETE TOP OF DECK TOF TOP OF FOOTING TOM TOP OF MASONRY/MANHOLE TOS TOW TOP OF SLAB/STEEL TOP OF WALL TYP TYPICAL UNO UNLESS NOTED OTHERWISE

RISER

RADIUS

REINFORCEMENT

ROUGH OPENING

RECTANGULAR

REMOVE

REQUIRED

ROOF

REINFORCED CONCRETE PIPE

VERT VERTICAL WEST/WIDTH/WIDE FLANGE WITH W/0 WITHOUT WATER LEVEL WATERPROOF/WALL PIPE WPT WALL PENETRATING TYPE WATER SURFACE

WELDED WIRE FABRIC YARD

YEAR

WWF

YD

<u>SYMBOLS</u>

UNDISTURBED EARTH

COMPACTED BACKFILL

SELECT GRANULAR FILL MATERIAL

CONCRETE BLOCK



FINISHED WOOD

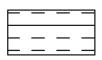


CONCRETE





ROUGH WOOD



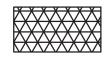
RIGID INSULATION



REINFORCED STEEL IN CONCRETE



WELDED WIRE FABRIC



BLANKET INSULATION



STEEL



DENOTES MOMENT CONNECTION



T = CLIMNICEC ACMINTED
T — CHANGES AS NOTED
CONTRACTOR
DATE

RECORD DRAWING CERTIFICATION AS BUILT — CHANGES AS NOTED CONTRACTOR

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

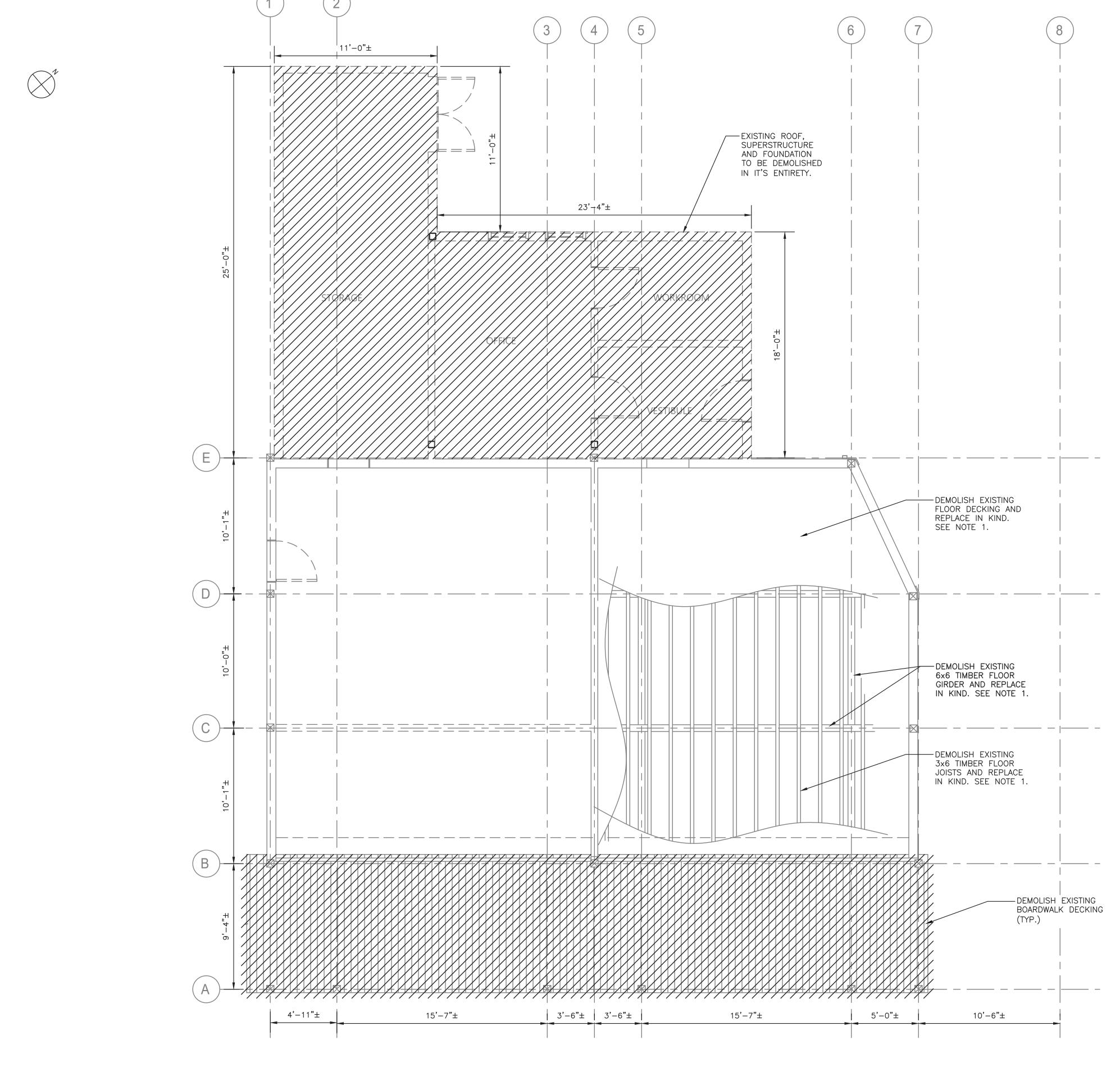
AS BUILT — NO CHANGES

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

STRUCTURAL ABBREVIATIONS AND SYMBOLS

WESTCHESTER COUNTY, NEW YORK

NUMBER	NUMBER
22-523	CXA-S-02
DWG NO.:	
SCALE: AS SHOW	of 664
DATE: <b>8/23/ 2022</b>	2
DPW FILE NUMBER 1-118-S-	-889-0 REV. NO. 0



NOTES:

1. REHABILITATION OF THE CROSS AXIS BUILDING A INCLUDES VARIOUS ELEMENTS SLATED FOR REMOVAL AND REPLACEMENT IN—KIND FOR DETERIORATED MEMBERS. CONTRACTOR IS TO ALERT THE ENGINEER 6 WEEKS PRIOR TO START OF REHABILITATION WORK TO PERFORM FIELD INSPECTION OF THE REPAIR ITEMS IDENTIFIED BELOW. UPON COMPLETION OF THE FIELD INSPECTION WORK, THE ENGINEER WILL PROVIDE TO THE CONTRACTOR IN WRITING THE DEFINED LIMITS OF REPLACEMENT WORK. REHABILITATION WORK FOR VARIOUS ELEMENTS SHALL BE PERFORMED PER DETAILS AND SEQUENCES AS OUTLINED ON DRAWINGS, CXA—S—03, CXA—S—04, CXA—S—05, CXA—S—06, CXA—S—07, CXA—S—08 AND CXA—S—09. FOR THE PURPOSES OF BIDDING, CONTRACTOR SHALL INCLUDE IN THEIR BID THE QUANTITIES FOR EACH ELEMENT AS MENTIONED BELOW.

STRUCTURAL ELEMENTS TO BE REPAIRED/REPLACED QUANTITY UNITS REMARKS

6"x6" TIMBER FLOOR GIRDERS 10 EA APPROXIMATELY 10 FT LONG EACH 3"x6" TIMBER FLOOR JOISTS 50 EA APPROXIMATELY 20 FT LONG EACH 1"x6" TIMBER FLOOR DECKING 1450 SF

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

FOR TYPICAL DETAIL OF FLOOR/GIRDER FRAMING AND CONNECTIONS, SEE DRAWING CXA-S-12.

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

DEMOLITION - GROUND FLOOR PLAN 1/4"=1'-0" RECORD DRAWING CERTIFICATION WESTCHESTER COUNTY, NEW YORK 22-523 CXA-S-03 AS BUILT - NO CHANGES DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION AS BUILT — CHANGES AS NOTED DIVISION OF ENGINEERING : 141 of 664 INFRASTRUCTURE REHABILITATION - PHASE 3 PLAYLAND PARK, RYE, NEW YORK CONTRACTOR PROJECT COORDINATOR **AS SHOWN** 8/23/2022 Savin Engineers, P.C. **CROSS AXIS BUILDING A DEMOLITION - GROUND FLOOR PLAN** REVISION 1-118-S-890-0

23"-4"± — EXISTING ROOF,
SUPERSTRUCTURE AND
FOUNDATION TO BE DEMOLISHED IN IT'S ENTIRETY. 11'-4"± — EXISTING DRIVE—THROUGH CANOPY ROOF AND SUPERSTRUCTURE TO BE DEMOLISHED IN IT'S ENTIRETY. 15'-7"± 3'-6"± 3'-6"± 5'-0"± 15'-7"± 10'-6"± 4'-11"± DEMOLITION - ROOF PLAN
1/4"=1'-0" SCALE: 1/4" = 1'-0"CONTRACT NUMBER SHEET NUMBER RECORD DRAWING CERTIFICATION WESTCHESTER COUNTY, NEW YORK AS BUILT — CHANGES AS NOTED CXA-S-04 AS BUILT — NO CHANGES 22-523 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING DWG NO.: SCALE: AS SHOWN 64 CONTRACTOR PROJECT COORDINATOR INFRASTRUCTURE REHABILITATION - PHASE 3 PLAYLAND PARK, RYE, NEW YORK Savin Engineers, P.C. DATE: **8/23/ 2022** 

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

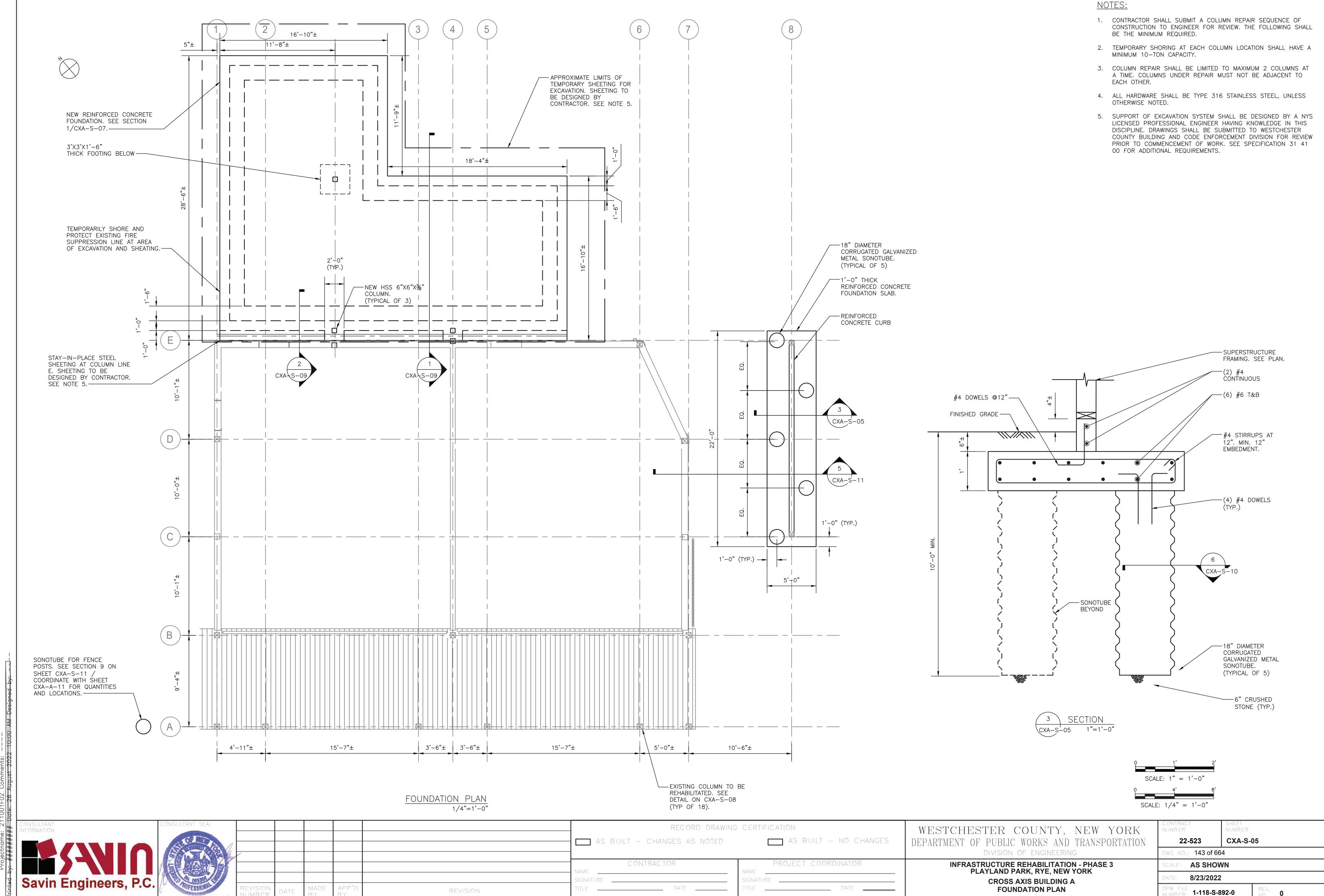
REVISION

CROSS AXIS BUILDING A DEMOLITION - ROOF PLAN

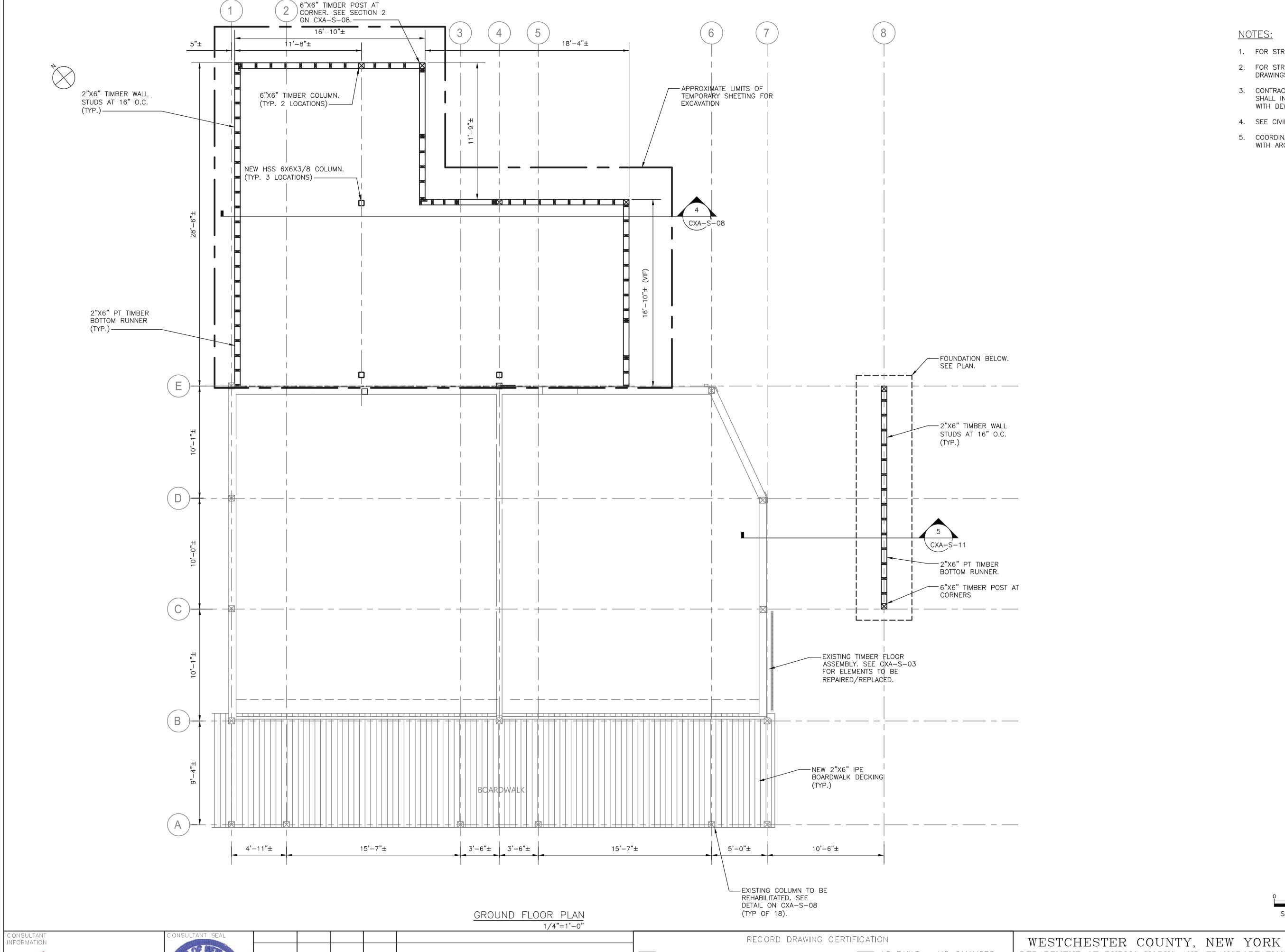
DPW FILE NUMBER **1-118-S-891-0** 

11'-0"±

REVISION NUMBER



awing Name: \\se—fs—01\Environmental\2060.25 — Playland Kehabilitation\04 — Dex ¶TRACT #3\Drawings\CADD\S\CXAS—1005.dwg



#### NOTES:

- 1. FOR STRUCTURAL NOTES, SEE DRAWING CXA-S-01.
- 2. FOR STRUCTURAL NOTES AND ABBREVIATIONS, SEE DRAWINGS CXA-S-02.
- 3. CONTRACTOR IS ALERTED OF HIGH WATER TABLE AND SHALL INCLUDE IN THEIR BID, ALL COSTS ASSOCIATED WITH DEWATERING.
- 4. SEE CIVIL DRAWINGS FOR SURFACE RESTORATION.
- 5. COORDINATE INTERIOR WALL LAYOUTS AND OPENINGS WITH ARCHITECTURAL DRAWINGS.

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

Savin Engineers, P.C.

REVISION NUMBER

REVISION

AS BUILT — CHANGES AS NOTED

CONTRACTOR

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

AS BUILT — NO CHANGES

PROJECT COORDINATOR

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

GROUND FLOOR PLAN

CONTRACT NUMBER SHEET NUMBER CXA-S-06 22-523 DWG NO.: SCALE: **AS SHOWN 64** DATE: **8/23/ 2022** DPW FILE **1-118-S-893-0** 

\_\_5.25"X18" LVL TIMBER 6X6 BELOW (TYPICAL AT 2 LOCATIONS) ---\_\_\_\_5.25"X18" LVL -2"X12" TIMBER ROOF JOIST (TYP.) @ 16" O.C. HSS6X6X3/8 BELOW (TYPICAL AT 3 LOCATIONS)—— —(3) 2"X10" TIMBER END JOIST (TYP. EACH END) — TIMBER BLOCKING AS REQUIRED AT (2) 2"X10" END ROOF JOISTS NOT SHOWN FOR CLARITY (TYP) - 2"X10" TIMBER SOFFIT JOISTS @ 24" O.C. (TYP.) -2"X10" TIMBER ROOF JOIST @ 16" O.C. -2"X6" TIMBER STUD WALL BELOW — 2"X10" CONTINUOUS RUNNER (TYP. 3 SIDES) —EXISTING STUD WALL (V.I.F.) ROOF PLAN 1/4"=1'-0"

Savin Engineers, P.C.

REVISION NUMBER REVISION

AS BUILT — CHANGES AS NOTED CONTRACTOR

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

RECORD DRAWING CERTIFICATION

AS BUILT — NO CHANGES PROJECT COORDINATOR

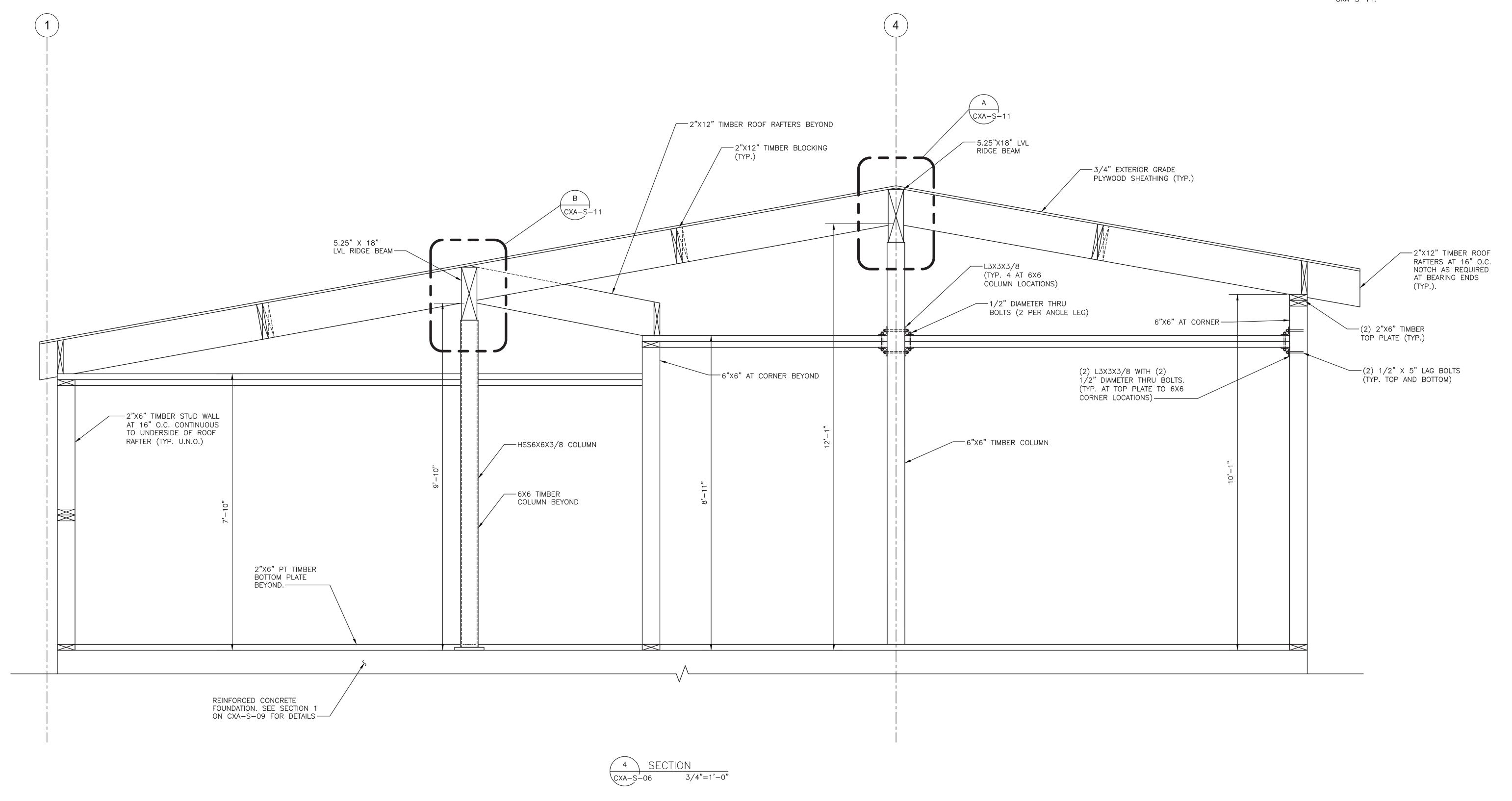
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING INFRASTRUCTURE REHABILITATION - PHASE 3 PLAYLAND PARK, RYE, NEW YORK

CONTRACT NUMBER SHEET NUMBER CXA-S-07 22-523 DWG NO.: SCALE: **AS SHOWN 64** DATE: **8/23/ 2022** DPW FILE NUMBER **1-118-S-894-0** 

CROSS AXIS BUILDING A ROOF PLAN

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

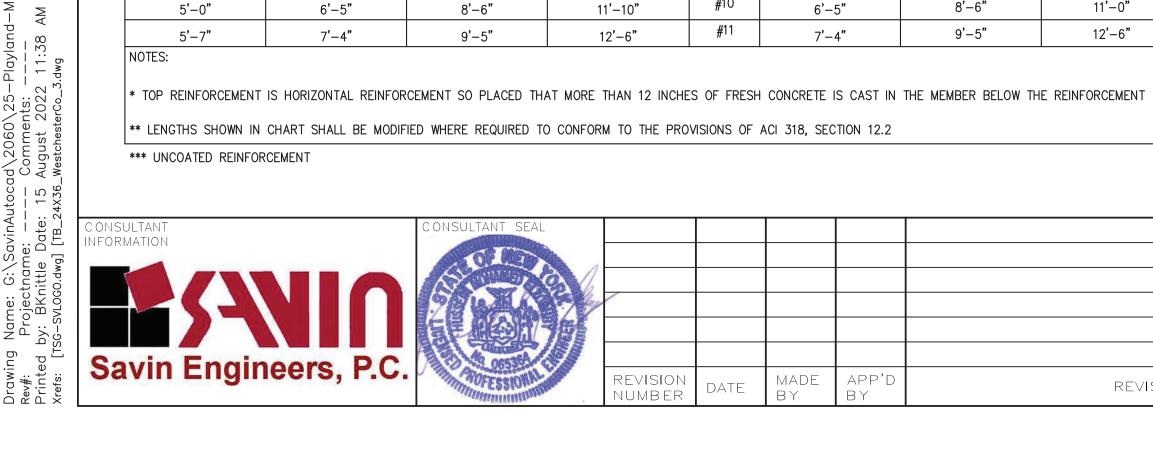
- INTERMEDIATE STUD FRAMING NOT SHOWN FOR CLARITY.
   SEE GROUND FLOOR PLAN AND TYPICAL DETAILS. SEE
   A DRAWINGS FOR OPENING SIZES AND LOCATIONS.
- SEE TYPICAL DETAILS FOR FRAMING HARDWARE ON CXA-S-11.



0 1' 2'SCALE: 3/4" = 1'-0"

C ONSULTANT INFORMATION	CONSULTANT SEAL			RECORD DRAV	WING CERTIFICATION	WESTCHESTER COUNTY. NEW YORK	C ONTRACT NUMBER	SHEET NUMBER
				AS BUILT — CHANGES AS NOTED	AS BUILT — NO CHANGES	DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION	<b>22-523</b> DWG NO.: 146 of 6	CXA-S-08
	ZEMANE			CONTRACTOR	PROJECT COORDINATOR	INFRASTRUCTURE REHABILITATION - PHASE 3 PLAYLAND PARK, RYE, NEW YORK	SCALE: AS SHO	
Savin Engineers, P.C.	REVISION DATE	MADE APP'D	REVISION	SIGNATURE DATE	SIGNATURE DATE	CROSS AXIS BUILDING A SECTION	DATE: <b>8/23/202</b> DPW FILE <b>1-118-S</b>	

CONTRACT #3\Drawings\CADD\S\CXAS-1008.dwg
Projectname: 211001F02 Comments: ---Printed by: ######## Date: 26 August 2022 12:54 PM Designed by: ----



fy = 60,000 psi

1'-0"

1'-4"

1'-8"

2'-0"

3'-6"

4'-0"

TOP \*

1'-4"

1'-8"

2'-2"

2'-6"

4'-7"

5'-2**"** 

5'-10"

BASIC

1'-9"

2'-2"

2'-10"

3'-3"

5'-11"

6'-9"

7'-7"

8'-6"

9'-5"

TOP \*

2'-2"

2'-9"

3'-7"

4'-2"

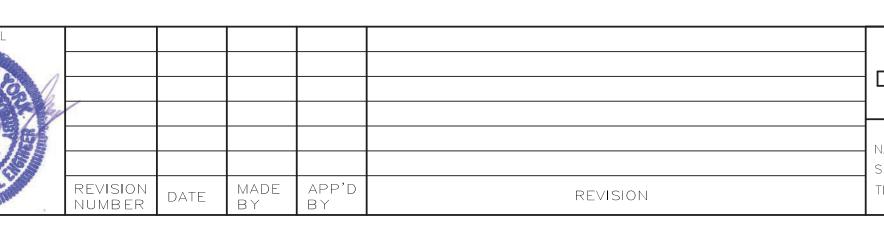
7'-7"

8'-8"

9'-10"

11'-10"

12'-6"



TOP \*

1'-9"

2'-2"

2'-10"

3'-3"

5'-11"

6'-9"

7'-7"

8'-6"

9'-5"

PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING A **SECTIONS** 

CONTRACT NUMBER SHEET NUMBER CXA-S-09 22-523 DWG NO.: SCALE: **AS SHOWN<sup>64</sup>** DATE: **8/23/ 2022** DPW FILE **1-118-S-896-0** 

-EXISTING

1" EXPANSION JOINT

WITH RETROFIT WATERSTOP

SUPERSTRUCTURE

EXISTING FOUNDATION

— STEEL SHEETING AT FACE OF EXISTING BUILDING TO BE LEFT IN PLACE

\*\* UNCOATED REINFORCEMENT

ETE		
** 1.3 x l d		
CLEAR SPA	ACING < 3"	
BASIC	TOP *	
2'-2"	2'-11"	
2'-9"	3'-7"	
3'-7"	4'-8"	
4'-2"	5'-5"	
7'-7"	9'–11"	
8'-8"	11'-4"	
9'-9"	12'-9"	
11'-0"	13'-7"	
12'-6"	14'-9"	110750
		NOTES:

			1 CXA-S-0	SECTION 1"=1'-0"
				SCALE: 1" = 1'-0"
	BASIC DEVELOPME	NT LENGTH A	ND SPLICE LENGTH	
	FOR	BARS IN TEN	NSION	
000 psi			fc = 4000 psi OR GREATER, NORMAL WEIGHT (	CONCRETE
BASIC DEVELOPME	NT LENGTH **   d		CLASS B SPLICE LE	ENGTH ** 1.3 x   d
CLEAR SPACING > 3"	CLEAR SPACING < 3"	BAR SIZE	CLEAR SPACING > 3"	CLEAR SPACING < 3"

BASIC

1'-4"

1'-8"

2'-2"

2'-6"

4'-7"

5'-2"

6'-5"

7'-4"

#3

**#**5

#6

#10

#11

TIMBER WALL FRAMING.

SEE PLANS.

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

EXISTING SUPERSTRUCTURE —

6 MIL VAPOR BARRIER (TYP.) — 1" EXPANSION JOINT WITH RETROFIT WATERSTOP. - $\sqrt{3'-0"X3'-0"X1'-6"}$  THICK COLUMN FOOTING AT INTERIOR HSS COLUMN REINFORCED WITH #5@12" EW, T&B - COMPACTED SELECT EXISTING FOUNDATION STRUCTURAL FILL STRUCTURAL FILL SHALL (TYP.) BE COMPACTED IN MAX 12" LIFTS (TYP.)— STEEL SHEATING AT EXISTING BUILDING FACE TO BE LEFT IN PLACE. (TO BE FIELD VERIFIED).

√—#5@12" EW

CHESTER COUNTY, NEW YORK TO OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING FRASTRUCTURE REHABILITATION - PHASE 3

1'-6"

HSS6X6X3/8 COLUMN—

10"x10" BASE PLATE —

#5@12"EW—\_\_

8" CONCRETE SLAB-

NOTES:

1. FOR STRUCTURAL NOTES, SEE DRAWING CXA-S-01.

2. FOR STRUCTURAL NOTES AND ABBREVIATIONS, SEE

4. SEE CIVIL DRAWINGS FOR SURFACE RESTORATION.

3. CONTRACTOR IS ALERTED OF HIGH WATER TABLE AND SHALL INCLUDE IN THEIR BID, ALL COSTS ASSOCIATED

DRAWINGS CXA-S-02.

WITH DEWATERING.

1'-0"

MIN

1 7 6	CONSULTANT INFORMATION	CONSULTANT SEAL					RECORD DRAWIN  AS BUILT — CHANGES AS NOTED	G CERTIFICATION  AS BUILT — NO CHANGES	WESTCH: DEPARTMENT
,	Savin Engineers, P.C.	A OSSIGNATION OF THE PARTY OF T	REVISION NUMBER DATE	MADE	APP'D BY	REVISION	CONTRACTOR  NAME  SIGNATURE  TITLE  DATE	PROJECT COORDINATOR  NAME  SIGNATURE  TITLE  DATE	INFRA

1/2" DIAMETER THRU-BOLTS WITH NUTS AND

WASHERS (TYP.)-

**EXISTING** 

7.75" X 7.75" TIMBER COLUMN

(CHAMFER VARIES)—

7-3/4"±

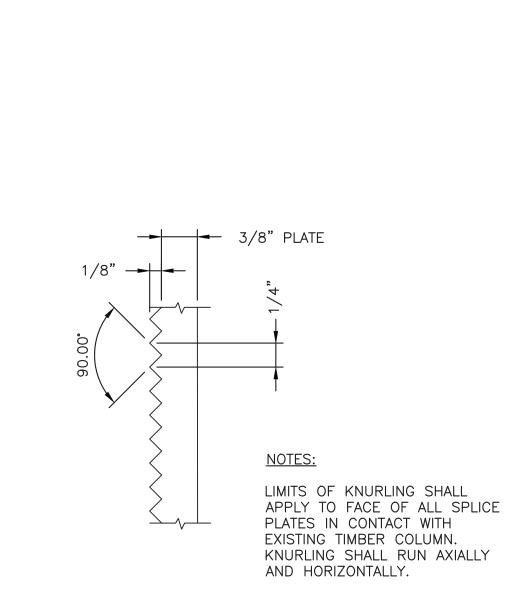
-3-1/2" X 3/8" SPLICE PLATE (TYP. OF 4)

-LIMITS OF INSIDE FACE OF COLUMN COVER

ENCLOSURE

SCALE: N.T.S.

SCALE: N.T.S.



DEMOLITION

SCALE: N.T.S.

FULL DEPTH
SAW CUT

-DEMOLISH 8"X8"

COLUMN 3'-0"

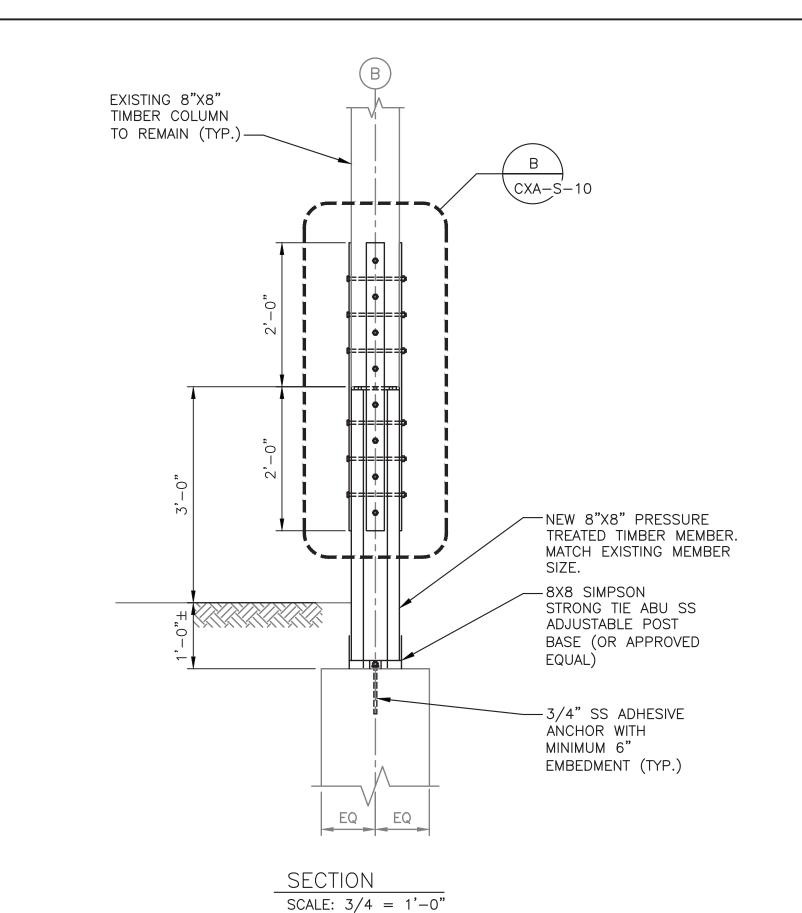
FROM BOTTOM

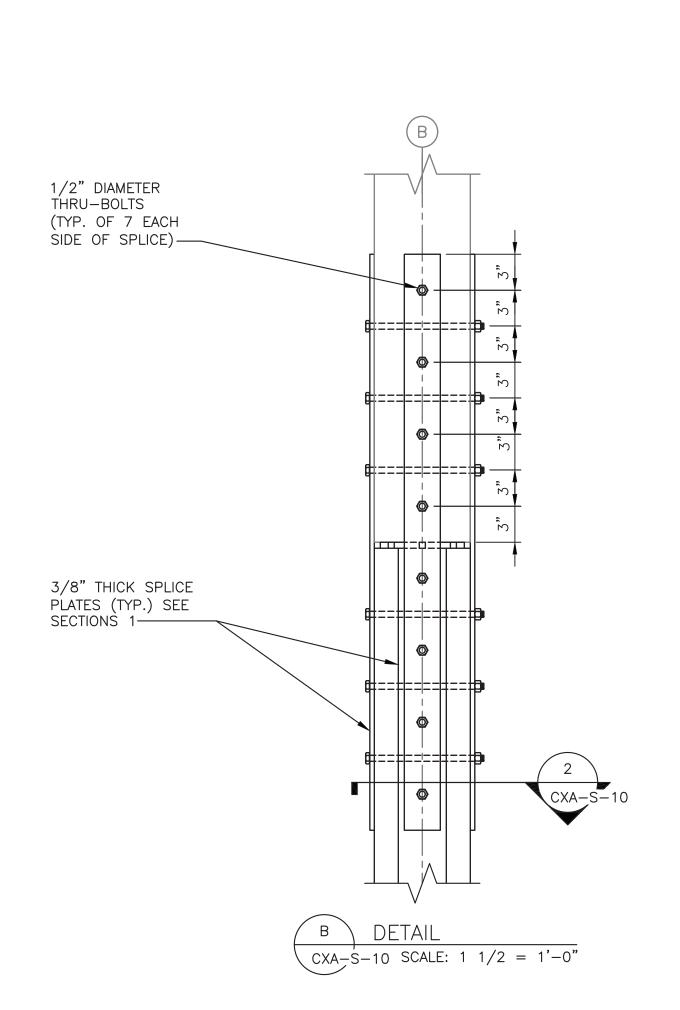
EXISTING CONCRETE

FOOTING

TO REMAIN



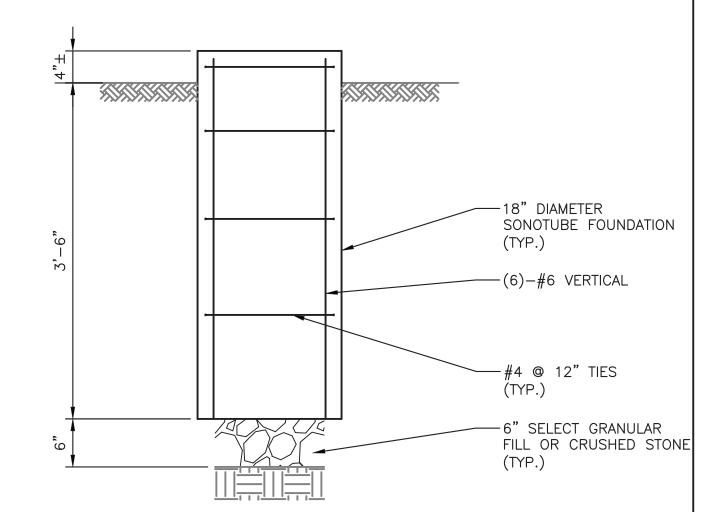






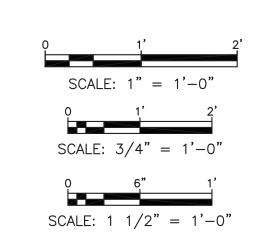
CONTRACTOR SHALL SUBMIT A COLUMN REPAIR SEQUENCE OF CONSTRUCTION TO ENGINEER FOR REVIEW. THE FOLLOWING SHALL BE THE MINIMUM REQUIRED.

- 1. TEMPORARY SHORING AT EACH COLUMN LOCATION SHALL HAVE A MINIMUM 10-TON CAPACITY.
  - COLUMN REPAIR SHALL BE LIMITED TO MAXIMUM 2 COLUMNS AT A TIME. COLUMNS UNDER REPAIR MUST NOT BE ADJACENT TO EACH OTHER.
  - 3. ALL HARDWARE SHALL BE TYPE 316 STAINLESS STEEL, UNLESS OTHERWISE NOTED.



9 TYPICAL BOARDWALK SONOTUBE SECTION

1" = 1'-0"



1-118-S-897-0



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 A

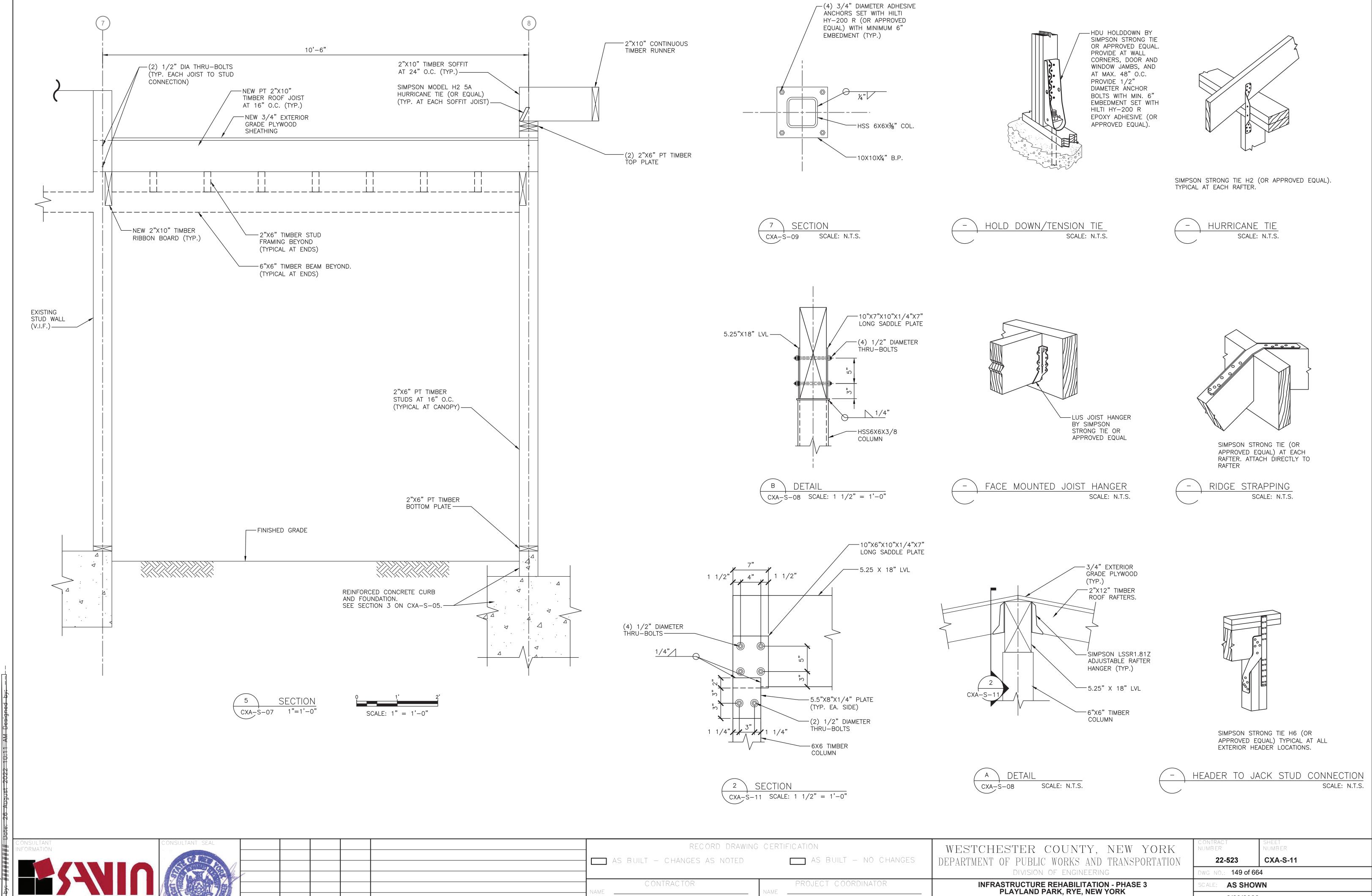
CONTRACT
NUMBER

CXA-S-10

DWG NO.: 148 of 664

SCALE: AS SHOWN
DATE: 8/23/2022

**SECTIONS AND DETAILS** 



REVISION

8/23/2022

1-118-S-898-0

CROSS AXIS BUILDING A SECTIONS

Drawing Name: \\se-fs-01\Environmental\2060.25 - Playland Rehabilitation\04 - Design\MEG/ | Design\MEG| #3\Drawings\CADD\S\CXAS-1011.dwg | Projectname: ---- Comments: ----

Savin Engineers, P.C.

Savin Engineers, P.C.

REVISION NUMBER TITLE \_\_\_\_\_ DATE \_\_\_\_ REVISION

AS BUILT — CHANGES AS NOTED CONTRACTOR

RECORD DRAWING CERTIFICATION

/—2X2"X6" TOP PLATE

— 2X2"X6" BLOCKING AS REQURED

-2"X6" CRIPPLE

BOTTOM PLATE

STUDS

─\_2"X6" PT

(TYP.)

(TYP.)

AS BUILT — NO CHANGES PROJECT COORDINATOR

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

WESTCHESTER COUNTY, NEW YORK

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DWG NO.: DATE: **8/23/ 2022** DPW FILE **1-118-S-899-0** 

CONTRACT NUMBER SHEET NUMBER 22-523 CXA-S-12 SCALE: AS SHOWN64

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

\_\_\_\_2"X6" STUD

-2X2"X6"

HEADER

-2"X6" JACK

ROUGH DOOR \_\_\_

16" O.C. (TYP.)

STUD

VARIES

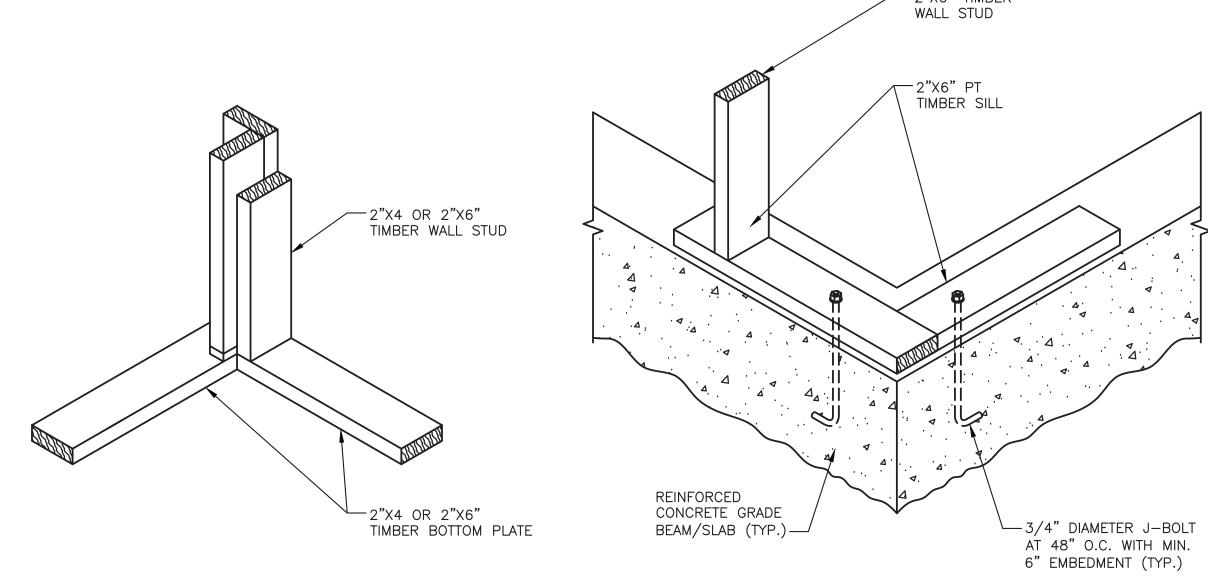
(TYP.)

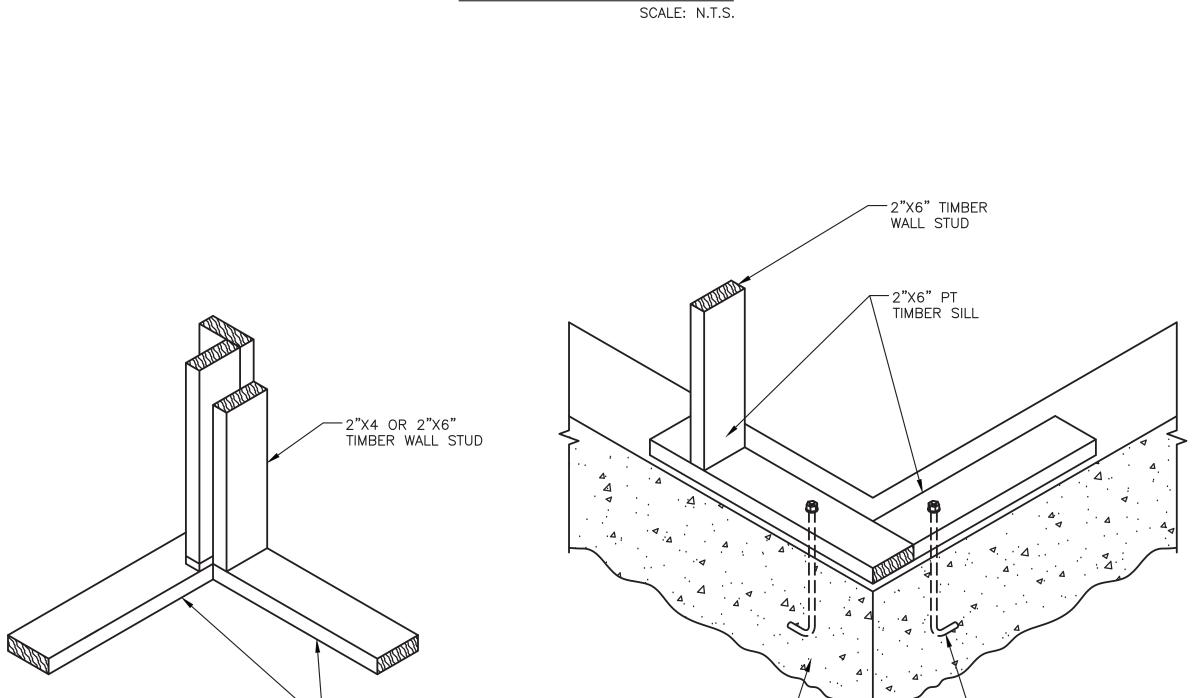
TYPICAL FLOOR FRAMING DETAIL SCALE: N.T.S.

2X2"X8" HEADER ——

\_\_\_2"X6" SILL

ROUGH WINDOWS OPENING -

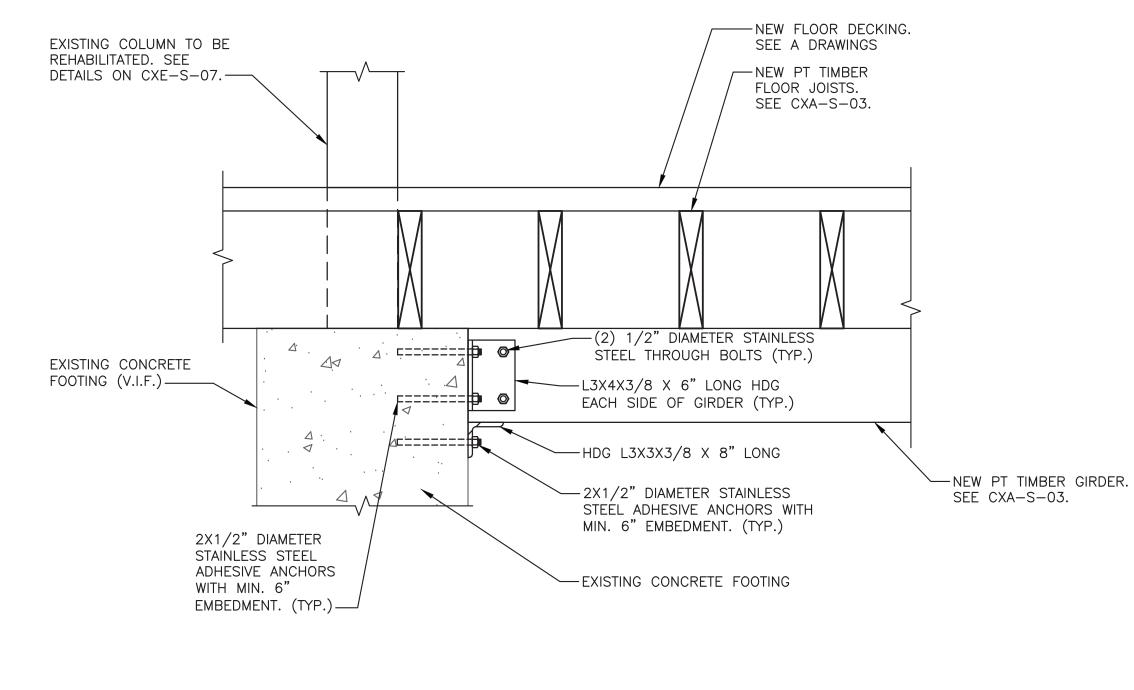




└─ 2"X6" WALL STUD

(TYP.)

DETAIL WALL ELEVATION



SECTION SCALE: N.T.S.

#### **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

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

F	S 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
\$	SPRINKLER DRY PIPE VALVE
	FIRE HOSE CABINET
<b>&gt;</b>	SIAMESE CONNECTION
12	CHECK VALVE
• <u>-</u> Z	CHECK VALVE W/ ALARM
$\Diamond$	WATER MOTOR ALARM BELL
8	PIPE RISER
<b>—</b>	PIPE DROP
0-	PIPE UP
•	POINT OF CONNECTION
	POINT OF DISCONNECTION
	PREACTION 6" BELL
丛	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.

	SPRINKLER HEAD SCHEDULE								
	MANUFACTURER	MODEL	DES	CRIPTION		K-FACTOR	QUANTITY		
)	RELIABLE	F1FR	DRY ORDINARY UPRIGHT SPRINKLE HEAD			5.6	54		
ABBREVIATION				DRAWIN	NG NO	TATIONS	3		
CV	ALARM CHECK	VALVE							

	ABBREVIATION		DRAWII	NG NOTATIONS
ACV	ALARM CHECK VALVE	ŀ		
B.O.P.	BOTTOM OF PIPE		#	DRAWING NOTE TAB
(E)	EXISTING TO REMAIN		$\bigcirc$	RISER DESIGNATION
F.S.C.	FIRE SPRINKLER CONTRACTOR		•	POINT OF CONNECTION
P.C	PLUMBING CONTRACTOR	ŀ		
TYP	TYPICAL			POINT OF DISCONNECTION
W/	WITH			
NYS	NEW YORK STATE			

#### **DESIGN CRITERIA**

1. AREA OF APPLICATION = 1950 SQ. FT

U/P UNDERGROUND PIPING

W WATER

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 TRADES]. CONTRACTOR SHALL REVIEW AND COORDINATE WITH STRUCTURAL, ELECTRICAL AND MECHANICAL DRAWINGS. PARTITIONS, STRUCTURAL MEMBERS, ETC. ARE DESIGNED TO BE FURRED OR CLOSED IN AND TO INCLUDE ROUGH-IN PIPING. CONTRACTOR SHALL FURNISH ALL OFFSETS, ADDITIONAL FITTINGS, ETC. WHETHER SHOWN ON DRAWINGS OR NOT, AS REQUIRED TO MEET INSTALLATION CONDITIONS.

2. CONTRACTOR IS TO COMPLY WITH LATEST NFPA AND N.Y.S. CODES, AND COORDINATE HIS WORK WITH OTHER TRADES AND MAKE NECESSARY ADJUSTMENTS.

3. CONTRACTOR IS TO PREPARE SHOP DRAWINGS FOR ENGINEERS REVIEW AFTER MAKING A COMPLETE FIELD

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

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.

BUILDING AND OBSERVE SAFETY REQUIREMENTS.

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.

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



MADE APP'E REVISION

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

PROJECT COORDINATOR

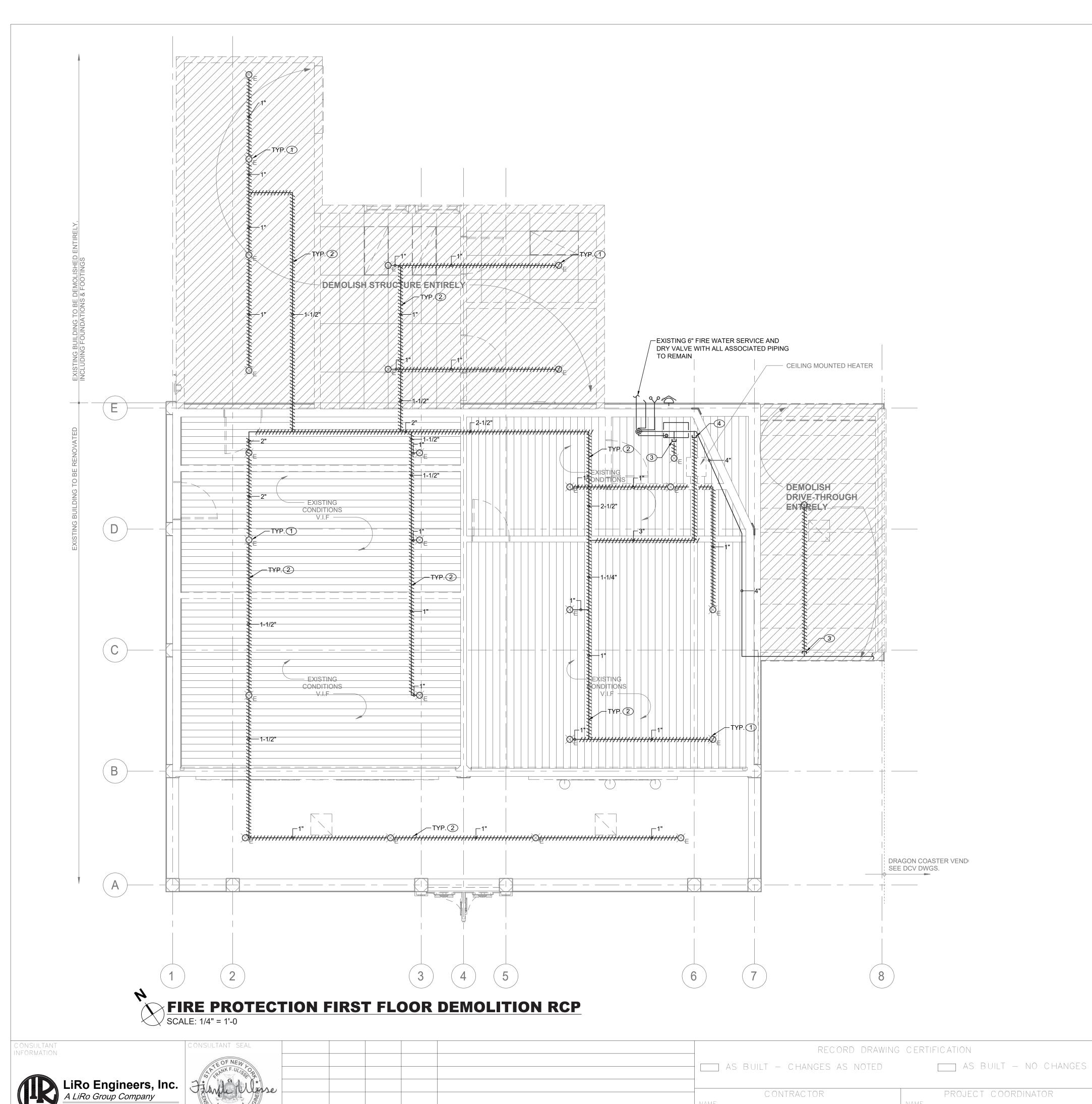
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING A

WESTCHESTER COUNTY, NEW YORK

NUMBER 22-523 CXA-FP-01 DWG NO.: **151 of 664 AS INDICATED** 08/23/2022

FIRE PROTECTION NOTES, SYMBOLS, ABBREVIATIONS & DWG LIST

1-118-FP-900-0



REVISION

MADE APP'D BY

#### **SPRINKLER DEMOLITION NOTES:**

- 1 DEMOLISH ALL EXISTING SPRINKLER HEADS WITHIN THE CXA BUILDING.
- 2 DEMOLISH ALL EXISTING DRY SPRINKLER PIPING WITHIN THE CXA BUILDING INCLUDING ATTIC SPACE. FIRE SERVICE PIPING, DISTRIBUTION PIPING TO DRAGON COASTER VENDORS AND ACCESSORIES TO REMAIN
- 3 CUT AND TEMPORARY CAP EXISTING 1" DRY SPRINKLER PIPE FOR FUTURE CONNECTION.
- (4) CUT AND TEMPORARY CAP EXISTING DRY SPRINKLER PIPE SERVING SPRINKLERS WITHIN CXA BUILDING FOR FUTURE CONNECTION.

#### **GENERAL NOTES:**

- 1. COORDINATE WITH FACILITY PRIOR TO SHUTDOWN OF FIRE PROTECTION SYSTEM FOR ANY DEMOLITION AND CONSTRUCTION WORK.
- 2. CONTRACTOR SHALL PROVIDE FIRE WATCH AS NEEDED FOR THE OLD MILL AND RESTROOMS WHILE SPRINKLER COVERAGE IS IMPACTED.
- 3. CONTRACTOR TO COORDINATE WITH FACILITY WHEN WORKING AROUND OR ABOVE THE RIDE COMPONENTS, AND PROVIDE ALL NECESSARY MEASURES TO PROTECT THESE COMPONENTS PER THE REQUIREMENTS OF THE FACILITY.

SHEET NUMBER

CXA-FP-11

CONTRACT NUMBER

DWG NO.: **152 of 664** 

AS INDICATED

1-118-FP-901-0

08/23/2022

22-523

WESTCHESTER COUNTY, NEW YORK

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

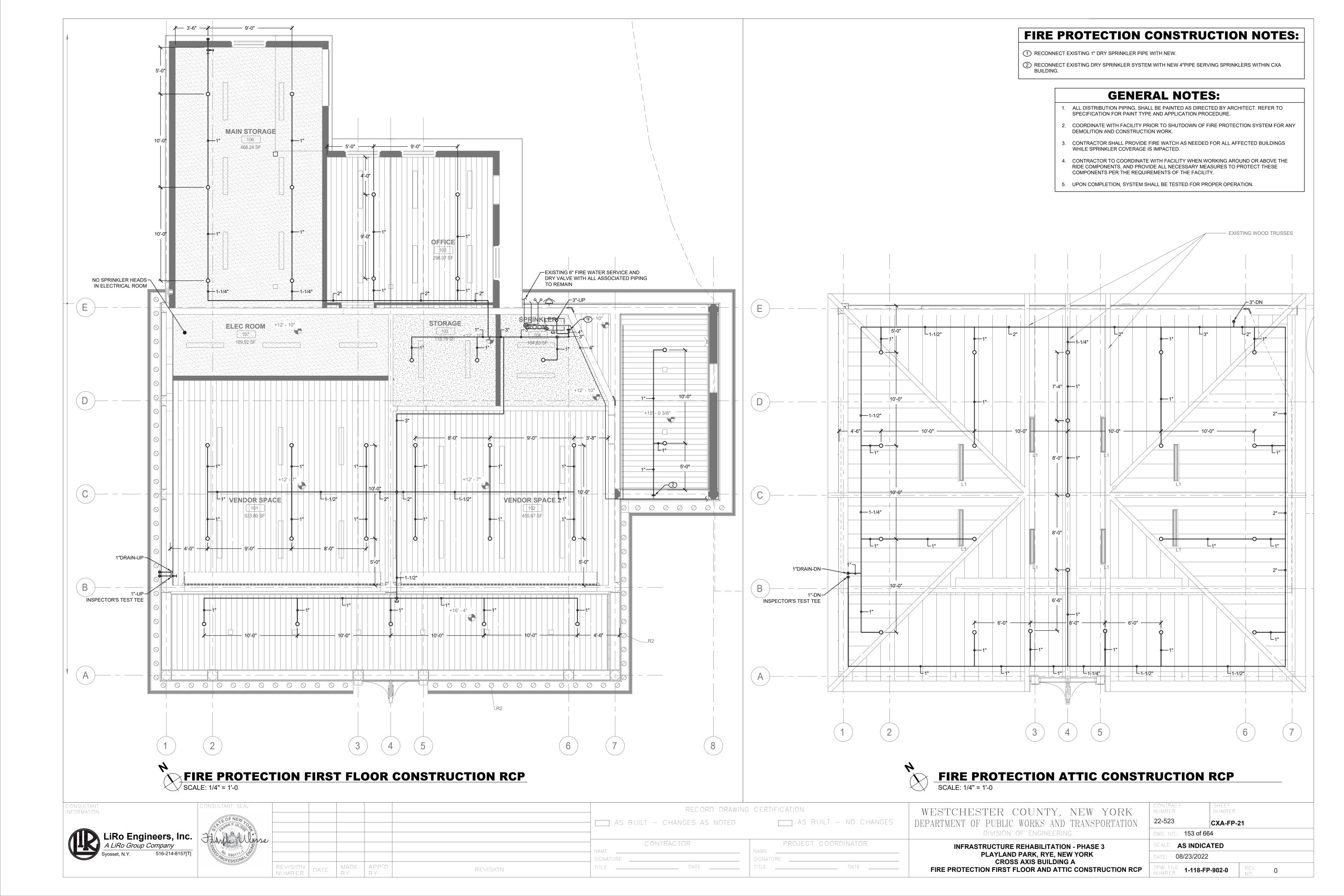
DIVISION OF ENGINEERING

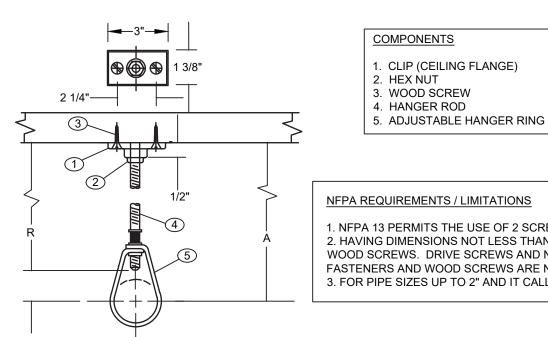
**INFRASTRUCTURE REHABILITATION - PHASE 3** 

PLAYLAND PARK, RYE, NEW YORK

CROSS AXIS BUILDING A

FIRE PROTECTION FIRST FLOOR DEMOLITION RCP



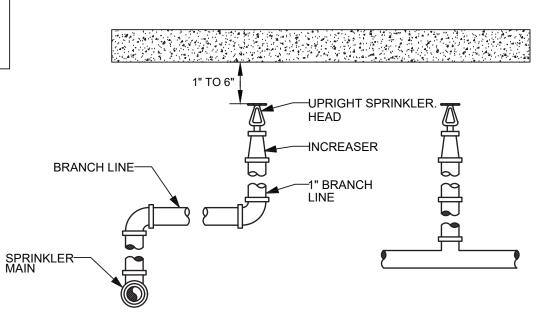


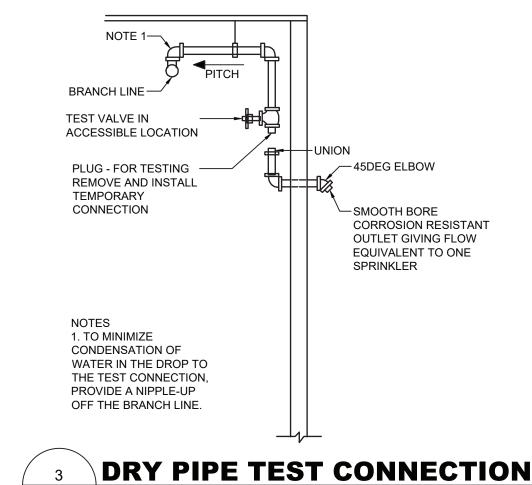
## 1. CLIP (CEILING FLANGE)

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

#### DESIGN DATA FOR CLIP HANGERS

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

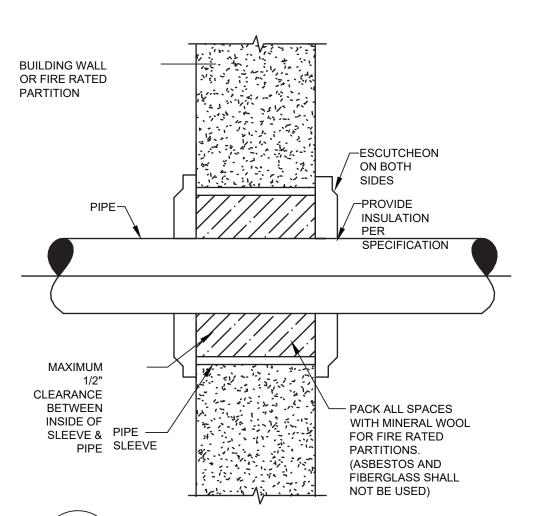




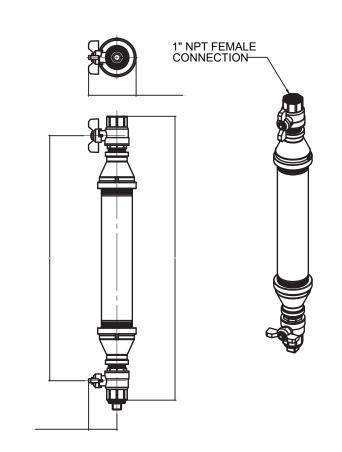
FP-81 / SCALE: NOT TO SCALE

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







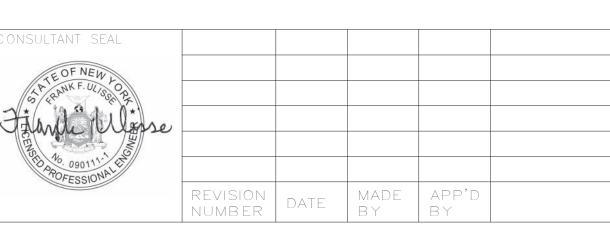


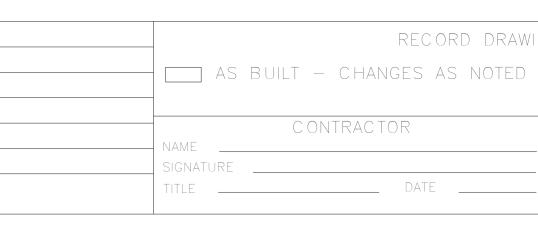
DRY SYSTEM AUXILIARY DRAIN











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** 

22-523 CXA-FP-81 DWG NO.: **154 of 664** AS INDICATED 08/23/2022

SHEET NUMBER

PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING A DPW FILE 1-118-FP-903-0 FIRE PROTECTION DETAILS

#### 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)
	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

——O— TEE OUTLET UP

── VALVE IN RISE OR DROP

IN BOX W/VACUUM BREAKER

NFHB >+-- NON FREEZE HOSE BIBB

BACKFLOW PREVENTER (DOUBLE CHECK VALVE ASSEMBLY)

CAP ON END OF PIPE

———O PIPE RISING UP — 

☐ TEE OUTLET DOWN

- CO⊢ CLEANOUT FD⊠—— FLOOR DRAIN

—⊸ō—— BALL VALVE

——⋈— GATE VALVE HB Ş+--- HOSE BIBB

**SCOPE OF WORK** 

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

1. REMOVAL OF EXISTING WATER SERVICE.

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

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

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

#### **CODE REFERENCE**

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

#### **SECTION 704**

#### **DRAINAGE PIPING INSTALLATION**

704.1 SLOPE OF HORIZONTAL DRAINAGE PIPING.

HORIZONTAL DRAINAGE PIPING SHALL BE INSTALLED IN UNIFORM ALIGNMENT AT UNIFORM SLOPES. THE MINIMUM SLOPE OF HORIZONTAL DRAINAGE PIPE SHALL BE IN ACCORDANCE WITH TABLE 704.1. **TABLE 704.1** OLODE OF HODIZONTAL BRAINAGE BIRE

SLOPE OF HORIZONTAL	DRAINAGE PIPE
SIZE	MINIMUM SLOPE
(INCHES)	(INCH PER FOOT)
2 1/2 OR LESS	1/4
3 TO 6	1/8
8 OR LARGER	1/16

#### **LEED NOTES**

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

#### **PLUMBING GENERAL NOTES:**

- 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
- 3. THE PLUMBING CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ALL LABOR AND MATERIALS SUPPLIED AND INSTALLED UNDER THIS CONTRACT AND SHALL
- 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
- SUPPLY ALL CERTIFICATES OF INSURANCE AS REQUIRED BY THE LAW AND THE
- 8. PLUMBING CONTRACTOR SHALL VISIT THE SITE & BECOME FAMILIAR WITH THE EXISTING CONDITIONS, INCLUDING THE SIZE OF CONNECTIONS, ROUGHING
- PLUMBING CONTRACTOR SHALL PERFORM ALL CUTTING, EXCAVATION, BACKFILLING, ROUGH & FINISH PATCHING AS PER THE SPECIFICATIONS AS REQUIRED FOR THE
- 10. ALL CONNECTIONS TO NEW AND/OR EXISTING EQUIPMENT SHALL BE SIZED AND
- 12. ALL PIPE HANGERS AND SUPPORTS SHALL BE INSTALLED AT INTERVALS AND BE
- 13. ALL NEW PLUMBING FIXTURES SHALL BE INSTALLED WITH ANGLE STOP VALVES IN
- 14. ALL NEW EXPOSED WATER AND WASTE PIPING SERVING THE FIXTURES SHALL BE CHROME PLATED AND SHALL HAVE CHROME PLATED ESCUTCHEONS RIGIDLY
- 15. PLUMBING CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL NEW PLUMBING FIXTURES AND EQUIPMENT TO BE SUPPLIED AND INSTALLED UNDER THIS CONTRACT
- 16. WATERPROOF PIPE SLEEVES SHALL BE INSTALLED AT ALL PENETRATIONS THROUGH EXTERIOR WALLS. PIPE SLEEVES SHALL BE INSTALLED AT ALL WALL PENETRATIONS
- 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
- 20. ALL LAVATORIES DESIGNED FOR USE BY PERSONS CONFINED TO WHEELCHAIRS SHALL HAVE THE HOT & COLD WATER SERVICES, AS WELL AS THE TRAP, RECESSED &
- 21. REFER TO THE ARCHITECTURAL PLANS FOR ALL STRUCTURAL DIMENSIONS.
- 22. ALL WORK TO BE COORDINATED WITH OTHER TRADES.
- 23. ALL PIPING PENETRATIONS TO BE SEALED AROUND WITH "NELSON" FIRE SEAL.
- 24. ALL WATER SERVICE PIPING WITHIN THE BUILDING IS TO BE INSULATED IN
- 25. ALL PLUMBING FIXTURES TO BE INSTALLED AS PER FACTORY RECOMMENDATIONS.
- 26. ALL PLUMBING FIXTURES TO BE TRAPPED, VENTED AND PROVIDED WITH AIR SHOCKS
- 27. PLUMBING FIXTURES SHALL COMPLY WITH "WATER CONSERVATION" REQUIREMENT AS DETAILED IN THE NYS-PC.
- 28. GC IS RESPONSIBLE TO SUBMIT APPLICATION AND TAP FEES TO LOCAL WATER AUTHORITY AND HAVE OWNER FILL OUT APPLICATION UPON COMPLETION OF PLUMBING ROUGH-IN INSPECTION.
- SHALL BE INSULATED.

REQUIREMENTS/SPECIFICATIONS.

- 32. ALL PLUMBING FIXTURES TO HAVE ISOLATION VALVES.
- 36. ALL DFU CALCULATIONS ARE BASED OFF OF TABLE 709.1 OF THE NYS-PC.
- 37. ALL SANITARY WATER PIPING SHALL BE PITCHED IN ACCORDANCE WITH NYS-PC SECTION 704 BASED ON TABLE 704.1 SLOPE OF HORIZONTAL DRAINAGE PIPE.
- 38. ALL VENT SIZING IS BASED OFF OF SECTION 916 OF THE NYS PLUMBING CODE.
- 39. ALL PLUMBING EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S

#### **ABBREVIATIONS:**

ACCESS DOOR

CLEAN OUT

COLD WATER

DPCO DECK PLATE CLEAN OUT

FIELD CONNECT

FLOOR DRAIN

FIXTURE UNIT

**HOT WATER** 

LAVATORY

JANITOR'S SINK

NORMALLY CLOSED

NYS-PC NEW YORK STATE PLUMBING CODE

THERMOSTATIC MIXING VALVE

UNLESS OTHERWISE NOTED

PLUMBING CONTRACTOR

MECHANICAL CONTRACTOR

NORMALLY OPEN

**ROOF DRAIN** 

STORM DRAIN

WATER CLOSET

VERIFY IN FIELD

WALL CLEAN OUT

WATER FIXTURE UNITS

THE ABBREVIATIONS ARE SHOWN FOR GENERAL

ABBREVIATION ON THIS LIST DOES NOT IMPLY ITS USE ON THIS PROJECT. REFER TO DRAWINGS FOR

REFERENCE ONLY. THE PRESENCE OF AN

SANITARY

URINAL

**VENT** 

TYPICAL

**EXISTING** 

SPECIFIC ABBREVIATIONS USED.

DEMO

CO

CW

DCV

FFD

HWR

LAV

SD

UR

WC

MC

TYP.

WFU

U.O.N.

BACKELOW PREVENTER

DOUBLE CHECK VALVE

**FUNNEL FLOOR DRAIN** 

HOT WATER RETURN

IN ACCORDANCE WITH

INDIRECT WASTE FUNNEL DRAIN

DRAINAGE FIXTURE UNIT

- WATER COMPANY.
- 2. ALL MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE.
- 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.
- JURISDICTION.
- THE PLUMBING CONTRACTOR SHALL PERFORM ALL TESTS AND ARRANGE FOR ALL INSPECTIONS FOR WORK UNDER HIS CONTRACT AS REQUIRED BY LAW AND SHALL 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.
- DIMENSIONS, ETC. BEFORE SUBMITTING A QUOTATION FOR THE WORK.
- INSTALLATION OF THE WORK, UNLESS NOTED OTHERWISE.
- INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- 11. IT IS THE INTENT OF THIS CONTRACT THAT THE COMPLETED WORK BE FULLY OPERATIONAL.
- FABRICATED OF MATERIALS AS REQUIRED BY THE PC-NYS.
- THE SUPPLY LINES SERVING THE FIXTURE.
- ATTACHED TO THE PIPING AT THE POINT OF WALL OR FLOOR PENETRATIONS.
- FOR APPROVAL BEFORE INSTALLATION OF SAME.
- THROUGH INTERIOR WALLS AND FLOORS.
- SUCH AS FLUSHOMETERS, SOLENOID VALVES, ETC.
- PLUMBING CODE AND IN ACCORDANCE WITH THE UTILITY REQUIREMENTS.
- ALL DEBRIS AND DISPOSAL AT AN APPROPRIATE SITE.
- INSULATED IN ACCORDANCE WITH ADA REQUIREMENTS.

- ACCORDANCE WITH ALL NEW YORK STATE PLUMBING CODE (NYS-PC) AND NYS

- 29. ALL WATER AND HORIZONTAL STORM DRAIN PIPING INCLUDING ROOF DRAIN BODY
- 30. FLOOR DRAINS AND FLOOR CLEAN-OUTS SHALL BE SET LEVEL WITH FINISHED
- 31. ALL PIPE DIMENSIONS ARE INSIDE CLEAR.
- 33. P.C. IS RESPONSIBLE TO ADJUST HOT WATER HEATER (WH) TEMPERATURE TO ENSURE A TEMPERATURE RANGE OF 110°F TO 120°F AT THE INDIVIDUAL FIXTURE OUTPUT. P.C. MUST ENSURE A TEMPERATURE OF 120° F MAXIMUM AT THE FIXTURES TO PREVENT SCALDING.
- 34. BUILDING DOMESTIC WATER DEMAND & SIZING IS CALCULATED FROM NYS-PC SECTION 603, 604 & APPENDIX E.
- 35. BUILDING SANITARY DEMAND & SIZING IS CALCULATED FROM NYS-PC SECTIONS 709 AND 710.

	FLOC	OR DRAIN SCH	EDULE	
TAG	TYPE	MANUFACTURER	MODEL	SERVICE
FD-1	ADJUSTABLE	ZURN	FD-2320-R5	ALL SPACES
NOTES:				
1. PROMDE THE FOLLOWN	NG FOR FD-1; CHORME PLATED STRA	NER ASSEMBLY, 6" NICKEL HEAD AS	SEMBLY, AND VANDAL PROOF.	

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

	DOUBLE CHECK VALVE SCHEDULE								
TAG	MANUFACTURER	MODEL	LOCATION	SIZE (IN)	PRESSURE DROP (PSI)				
DCV-1	WATTS	LF007M1QT-S	SPRINKLER ROOM	2	6				
NOTES	:								
1. PRO	MDE STRAINER FOR DO	DUBLE CHECK VA	LVE.						
2. LEAD	FREE	_							

2. PROVIDE BARRIER-TYPE TRAP SEAL PROTECTION DEVICE ZURN Z1072 OR APPROVED EQUAL.

TAG	TYPE	MANUFACTURER	MODEL
NFHB	WALL HYDRANT	ZURN	Z1320XL

.....

PLUMBING DRAWING LIST						
SHEET NO.	SHEET NAME	REVISON NO.	REVISION DATE			
CXA-P-01	PLUMBING NOTES, SYMBOLS, ABBREVIATIONS AND DRAWING LIST	0	-			
CXA-P-21	PLUMBING FIRST FLOOR CONSTRUCTION PLAN	0	-			
CXA-P-81	PLUMBING DETAILS	0	_			

LiRo Engineers, Inc.

ONSULTANT SEAL

| MADE | APP'D REVISION AS BUILT - CHANGES AS NOTED

CONTRACTOR

RECORD DRAWING CERTIFICATION

PROJECT COORDINATOR

AS BUILT - NO CHANGES

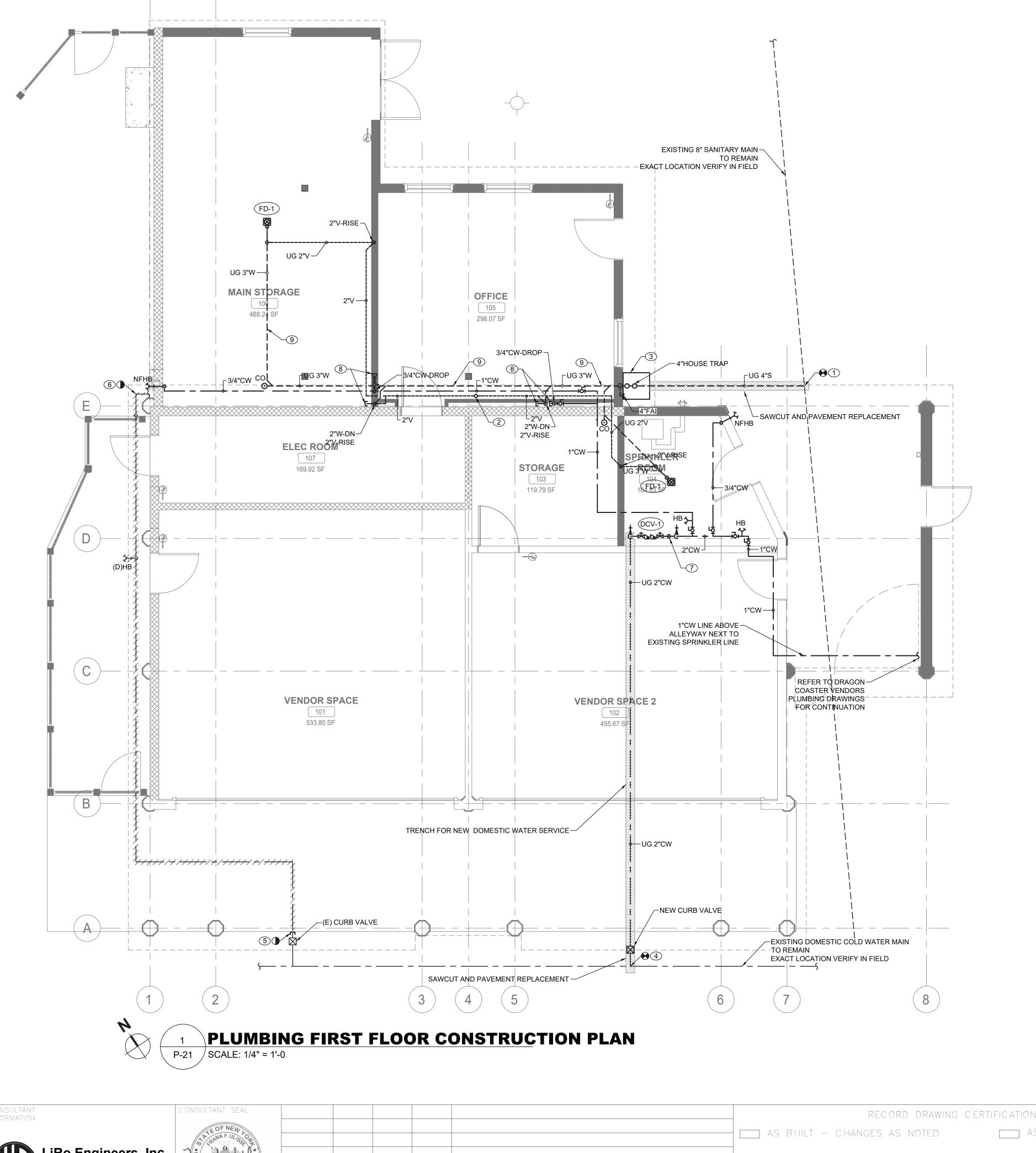
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION - PHASE 3** 

PLAYLAND PARK, RYE, NEW YORK

CROSS AXIS BUILDING A

22-523 CXA-P-01 DWG NO.: **155 of 664 AS INDICATED** 08/23/2022 PLUMBING NOTES, SYMBOLS, ABBREVIATIONS AND DRAWING LIST 1-118-P-904-0

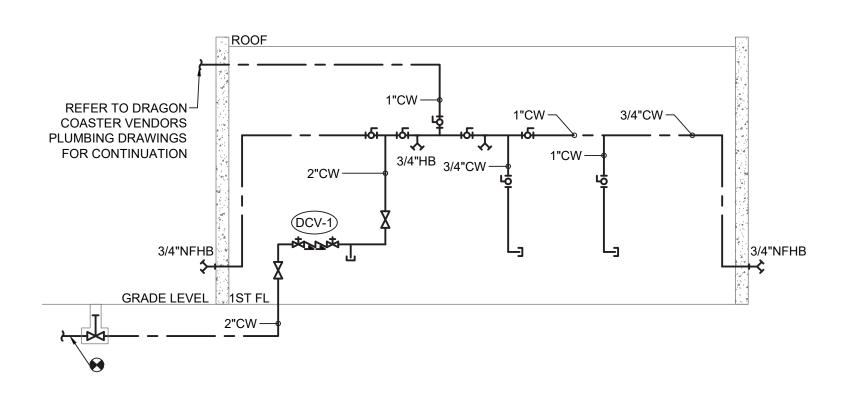


#### **PLUMBING CONSTRUCTION NOTES:**

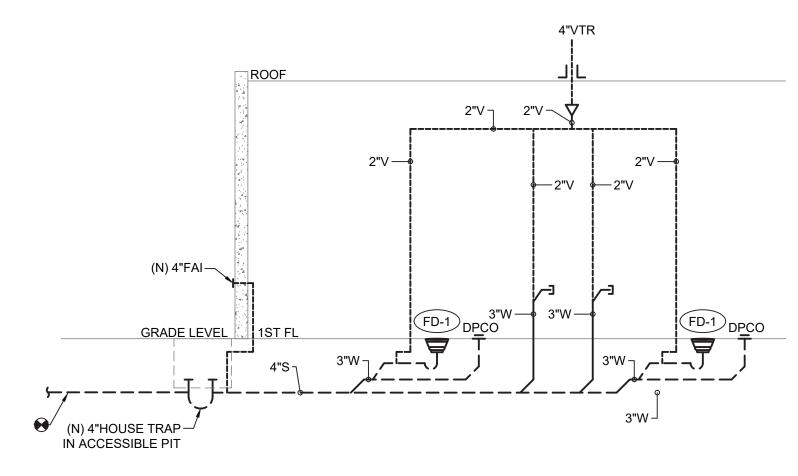
- ① CONNECT NEW 4" SANITARY SERVICE TO EXISTING SEWER MAIN LOCATED AT CROSS-AXIS ALLEY WEST. CONTRACTOR TO VERIFY THE INVERT, SIZE, AND MATERIAL OF THE EXISTING SEWER PIPING TO FACILITATE NEW SANITARY SERVICE CONNECTION.
- 2 PROVIDE NEW 4" VENT THRU ROOF.
- 3 PROVIDE NEW 4"HOUSE TRAP IN PIT. PROVIDE ACCESS DOOR FOR MAINTENANCE. PROVIDE 4" FRESH AIR INTAKE THRU EXTERIOR WALL. TERMINATE VENT WITH INSECT SCREEN. HOUSE TRAP SHALL BE PROTECTED FROM FREEZING.
- 4 CONNECT NEW 2" DOMESTIC COLD WATER SERVICE TO EXISTING WATER MAIN LOCATED AT CROSS-AXIS ALLEY WEST. PROVIDE CURB VALVE WITH VALVE BOX.
- (5) CUT AND PERMANENTLY CAP EXISTING WATER SERVICE BELOW GROUND. ABANDON IN PLACE EXISTING WATER SERVICE PIPING, REMOVE PORTIONS OF PIPING THAT EXPOSED OR IN CONFLICT WITH NEW CONSTRUCTION.
- 6 REMOVE EXISTING WATER LINE UP TO PLUMBING FIXTURES LOCATED WITHIN DRAGON COASTER VENDOR
- (7) PROVIDE A COMPRESSED AIR CONNECTION FOR WINTERIZING.
- 8 PROVIDE 2"W AND 3/4"CW STUB-UP FOR FUTURE SINK WITHIN NEW WALL. CONNECTION SHALL BE ACCESSIBLE AFTER CONSTRUCTION.
- OORDINATE LOCATION OF NEW UNDERGROUND PIPING WITH STRUCTURAL ELEMENTS. PROVIDE REQUIRED SLEEVES AND SUPPORTS.

#### **GENERAL NOTES:**

- COORDINATE WITH FACILITY PRIOR TO SHUTDOWN OF WATER DISTRIBUTION SYSTEM FOR ANY DEMOLITION AND CONSTRUCTION WORK.
- 2. PROVIDE DRAIN VALVES AT BOTTOM FOR EACH BRANCH. PROVIDE ACCESS PANELS TO ALL VALVES ABOVE CEILING AND BEHIND WALLS.
- 3. INSTALL NEW WATER PIPING WITH PROPER SLOPES TO AVOID WATER TRAPS DURING WINTER SEASON.
- 4. CONTRACTOR TO COORDINATE WITH FACILITY WHEN WORKING AROUND OR ABOVE THE RIDE COMPONENTS, AND PROVIDE ALL NECESSARY MEASURES TO PROTECT THESE COMPONENTS PER THE REQUIREMENTS OF THE FACILITY.
- 5. UPON COMPLETION, SYSTEM SHALL BE TESTED FOR PROPER OPERATION.
- 6. SEWER CROSSING WATER MAINS, CONDUITS, OR OTHER UTILITY SHALL BE MINIMUM 18" CLEARANCE BETWEEN THE OUTSIDE OF THE UTILITY AND OUTSIDE OF THE SEWER. THE CROSSINGS SHALL BE ARRANGED SO THAT THE SEWER JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS.



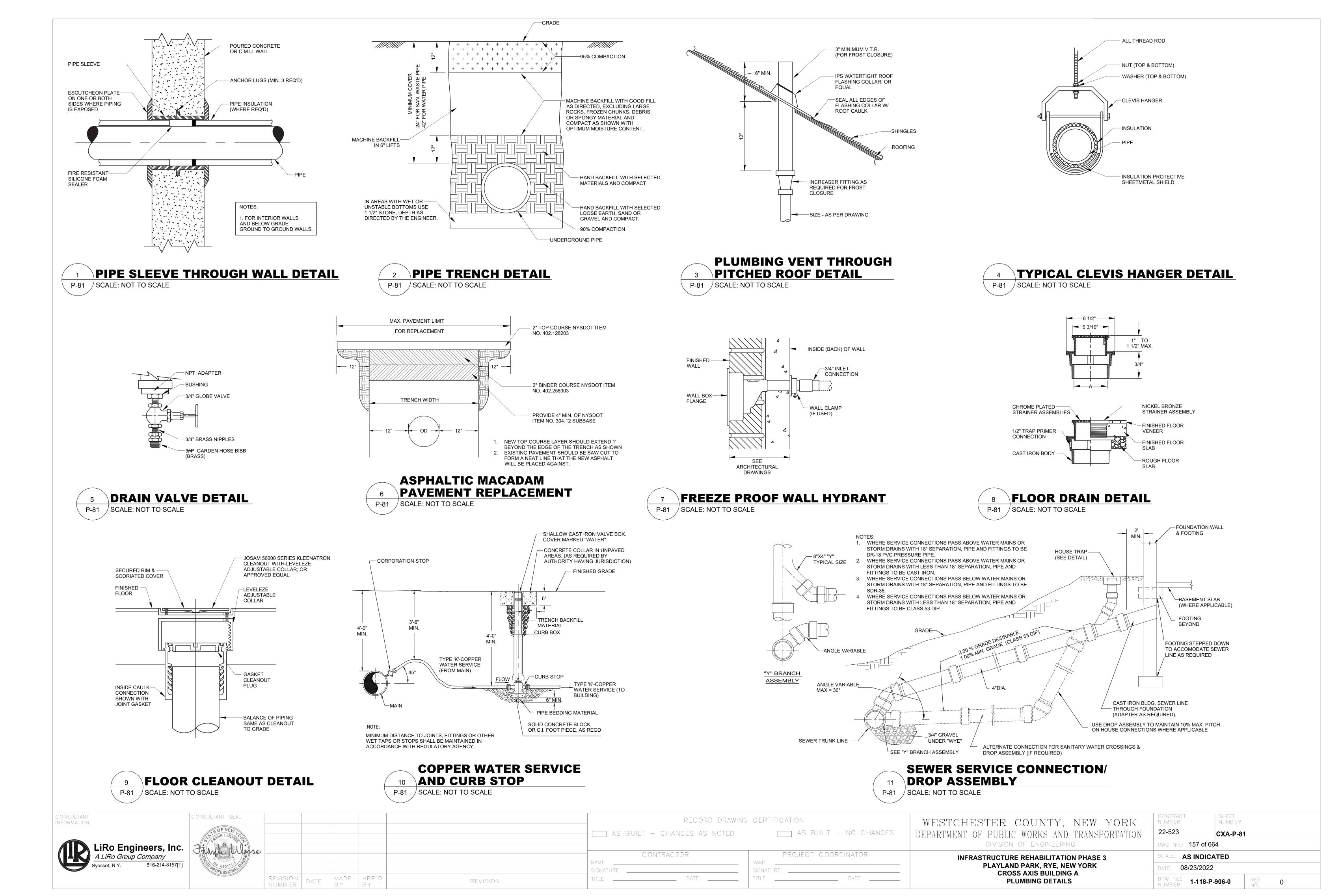
# 2 DOMESTIC WATER RISER DIAGRAM P-21 SCALE: NOT TO SCALE



3 SANITARY RISER DIAGRAM
P-21 SCALE: NOT TO SCALE

CONSULTANT INFORMATION RECORD DRAWING CERTIFICATION WESTCHESTER COUNTY, NEW YORK NUMBER 22-523 AS BUILT - NO CHANGES DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION CXA-P-21 DIVISION OF ENGINEERING DWG NO.: **156 of 664** LiRo Engineers, Inc.

A LiRo Group Company CONTRACTOR PROJECT COORDINATOR **AS INDICATED INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK 08/23/2022 **CROSS AXIS BUILDING A** DATE MADE APP'D
BY
BY 1-118-P-905-0 REVISION PLUMBING FIRST FLOOR CONSTRUCTION PLAN



#### **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.
- 1. 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.

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

CONTRACT OR OTHER CONTRACT WORK.

BACK TO THEIR POINT OF SOURCE.

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

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

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

10. REMOVALS, DISCONNECTIONS, AND RELOCATIONS SHALL BE PERFORMED BY WORKMEN SKILLED IN THE TRADE INVOLVED AND SHALL BE EMPLOYED BY A CONTRACTOR LICENSED IN THE TRADE INVOLVED. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ACCEPTED TRADE PRACTICES.

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

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

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

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

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

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

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

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

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

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

### **HVAC SYMBOL LIST**

DESCRIPTION

IDENTIFIER	<u>DESCRIPTION</u>
	NEW DUCTWORK OR PIPING
5///////5	EXISTING DUCTWORK OR PIPING TO BE REMOVED
5	EXISTING DUCTWORK OR PIPING TO REMAIN
24X12 \$ 24X12 \$	DOUBLE-LINE AND SINGLE-LINE RECTANGULAR DUCT, FIRST NUMBER INDICATES SIDE IN VIEW IN INCHES, SECOND NUMBER INDICATES SIDE IN DEPTH IN INCHES

 $\mathcal{M}$ FLEXIBLE DUCTWORK REGULAR SUPPLY AIR DUCT (UP AND DOWN)

REGULAR RETURN AIR DUCT (UP AND DOWN)

IDENTIFIER

REGULAR EXHAUST AIR DUCT (UP AND DOWN)

REGULAR OUTSIDE AIR DUCT (UP AND DOWN) VOLUME DAMPER  $\neg$   $\land$ D --- BD BACKDRAFT DAMPER -- FD FIRE DAMPER MOTORIZED DAMPER EQUIPMENT TAG **EQUIPMENT NUMBER** 

> (XXX) X-XXX DETAIL TAG/CALL OUT TAG MECHANICAL SHEET NUMBER THERMOSTAT EXHAUST GRILLE REFER TO SUPPLEMENTAL

(F#) FIGURE INDICATED BY NUMBER (I.E. F2 REFERS TO FIGURE 2)

#### HVAC ABBREVIATIONS

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

#### **SCOPE OF WORK**

<u>DEMOLITION</u> REMOVE TWO (2) EXISTING WINDOW AC UNITS AS INDICATED. REMOVE ONE (1) ELECTRIC UNIT HEATER AND ASSOCIATED SUPPORTS. WIRING AND ACCESSORIES.

#### CONSTRUCTION

- PROVIDE ONE (1) NEW OUTDOOR SPLIT CONDENSER AIR CONDITIONER UNIT ON CONCRETE PAD AS INDICATED.
- PROVIDE TWO (2) NEW WALL MOUNTED INDOOR UNITS AS INDICATED. 3. PROVIDE TWO (2) NEW EXHAUST FANS AND ASSOCIATED LOUVERS AS
- 4. PROVIDE ONE (1) NEW WALL MOUNTED ELECTRIC UNIT HEATER AS

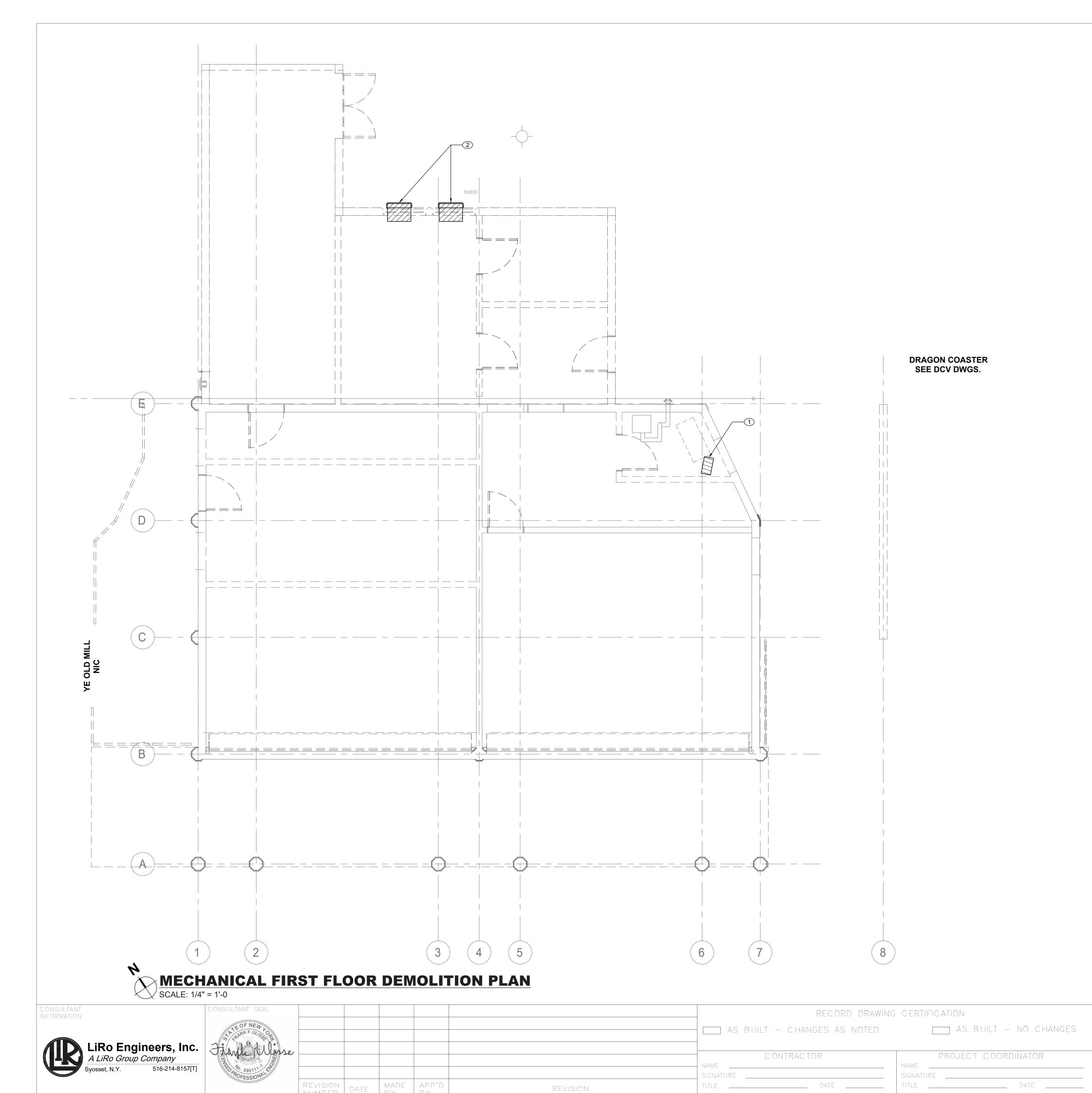
	MECHANICAL DRAWING LIST						
SHEET NO.	SHEET NAME	REVISON NO.	REVISION Date				
CXA-M-01	MECHANICAL NOTES, SYMBOLS & LEGENDS	0	-				
CXA-M-11	MECHANICAL 1ST FLOOR DEMOLITION PLAN	0	-				
CXA-M-21	MECHANICAL 1ST FLOOR CONSTRUCTION PLAN	0	-				
CXA-M-61	MECHANICAL SCHEDULES	0	-				
CXA-M-81	MECHANICAL DETAILS	0	-				
CXA-M-91	MECHANICAL CONTROLS	0	-				

SPACE DETAILS			Li	DESIGN		
ROOM	AREA (SF)	4% FLOOR AREA (SF)	WINDOW FREE AREA (SF)	DOOR AREA (SF)	TOTAL OPENABLE AREA (SF)	NOTES
105 OFFICE	310	12	25	21	46	1,2
107 MAIN STORAGE	468	19	8	42	50	1,2
NOTES:	ST 1				ļ	
. NEW YORK STATE MECHA	ANICAL CODE	Ξ.				

TABLE 1: ENERGY CODE ANALYSIS TABLE FOR MECHANICAL SYSTEMS								
	(PER 2020 NYS ENERGY CODE)							
	ITEM DESCRIPTION							
	UNIT TAG	EQUIPMENT TYPE	PROPOSED VALUE	PROPOSED VALUE MINIMUM EFFECIENCY CODE PRECRIBED VALUE AND CITATION		CITATION	SUPPORTING DOCUMENTATION	
HVAC EQUIPMENT PERFORMANCE	AC-1, AC-2, CU-1	SPLIT SYSTEM HEAT PUMP	HSPF = 12.0 SEER=22.0	HSPF = 8.2 SEER=14.0	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		GRAVITY/BACKDRAFT DAMPERS PROVIDED IN LIEU OF MOTORIZED DAMPER MOTORIZED DAMPERS PER EXCEPTIONS 1 AND 3	020	BACDRAFT DAMPER INSTALLED AT EXHAUST OPENINGS	C403.7.7	MECHANICAL SCHEDULES AND PLANS		
	DUCT LEAKAGE		SMACNA HVAC DUCT LEAKAGE TEST	970	SMACNA HVAC DUCT LEAKAGE TEST	PER C403	MECHANICAL DWGS. & SPECS	

		(IIB - MECHA	NICAL 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
IB3	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
IB4	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

CONSULTANT CONSULTANT SEAL CONSULTANT SEAL	RECORD DRAWING CERTIFICATION	WESTCHESTER COUNTY, NEW YORK	CONTRACT SHEET NUMBER NUMBER
APTE OF NEW LOCAL CONTRACTOR OF THE PROPERTY O	AS BUILT — CHANGES AS NOTED AS BUILT — NO CHANGES	DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION	22-523 <b>CXA-M-01</b>
LiRo Engineers, Inc.		DIVISION OF ENGINEERING	DWG NO.: 158 of 664
A LINO Group Company	CONTRACTOR PROJECT COORDINATOR	INFRASTRUCTURE REHABILITATION - PHASE 3	SCALE: AS INDICATED
Syosset, N.Y. 516-214-8157[T]	SIGNATURE SIGNATURE	PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING A	DATE: 08/23/2022
REVISION NUMBER DATE BY BY REVISION	TITLE DATE TITLE DATE	MECHANICAL NOTES, SYMBOLS AND LEGENDS	DPW FILE NUMBER 1-118-M-907-0 REV. NO. 0



#### **GENERAL NOTES:**

- 1. RETURN REMOVED EXISTING EQUIPMENT TO OWNER IF IT IS IN WORKING CONDITION.
- 2. CONTRACTOR TO COORDINATE WITH FACILITY WHEN WORKING AROUND OR ABOVE THE RIDE COMPONENTS, AND PROVIDE ALL NECESSARY MEASURES TO PROTECT THESE COMPONENTS PER THE REQUIREMENTS OF THE FACILITY.

#### **MECHANICAL DEMOLITION NOTES:**

- 1 DEMOLISH EXISTING ELECTRIC UNIT HEATERS AND ASSOCIATED SUPPORTS, WIRING AND ACCESSORIES. COORDINATE REMOVAL OF ELECTRICAL POWER AND WIRING WITH ELECTRICAL CONTRACTOR.
- ② REMOVE EXISTING WINDOW AC UNIT. IF NO LONGER IN WORKING CONDITION, DISPOSAL SHALL BE IN ACCORDANCE WITH EPA REQUIREMENTS.

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 A
MECHANICAL FIRST FLOOR DEMOLITION PLAN

CONTRACT
NUMBER
22-523

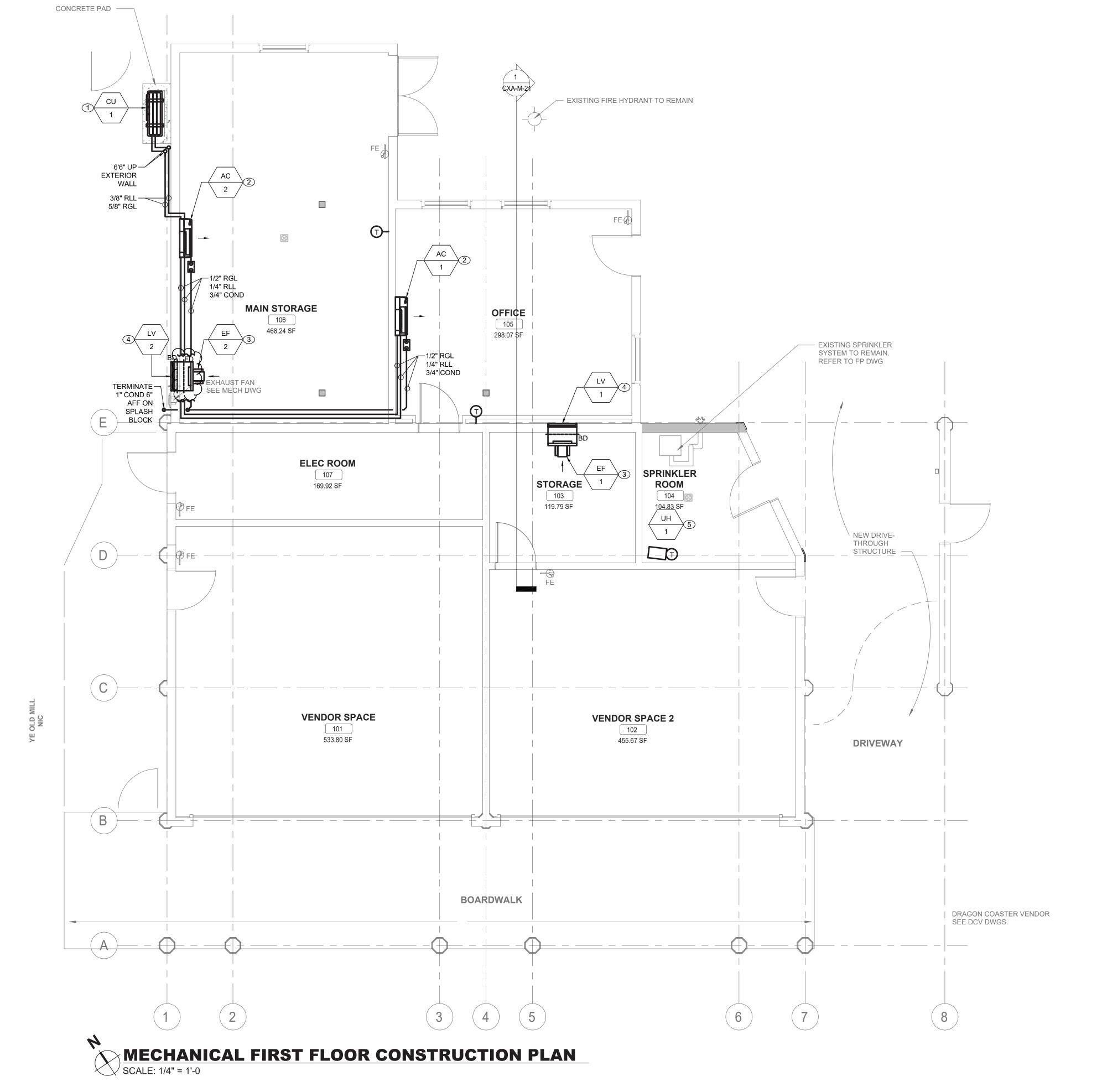
CXA-M-11

DWG NO.: 159 of 664

SCALE: AS INDICATED
DATE: 08/23/2022

DPW FILE
NUMBER
1-118-M-908-0

REV.
NO. 0

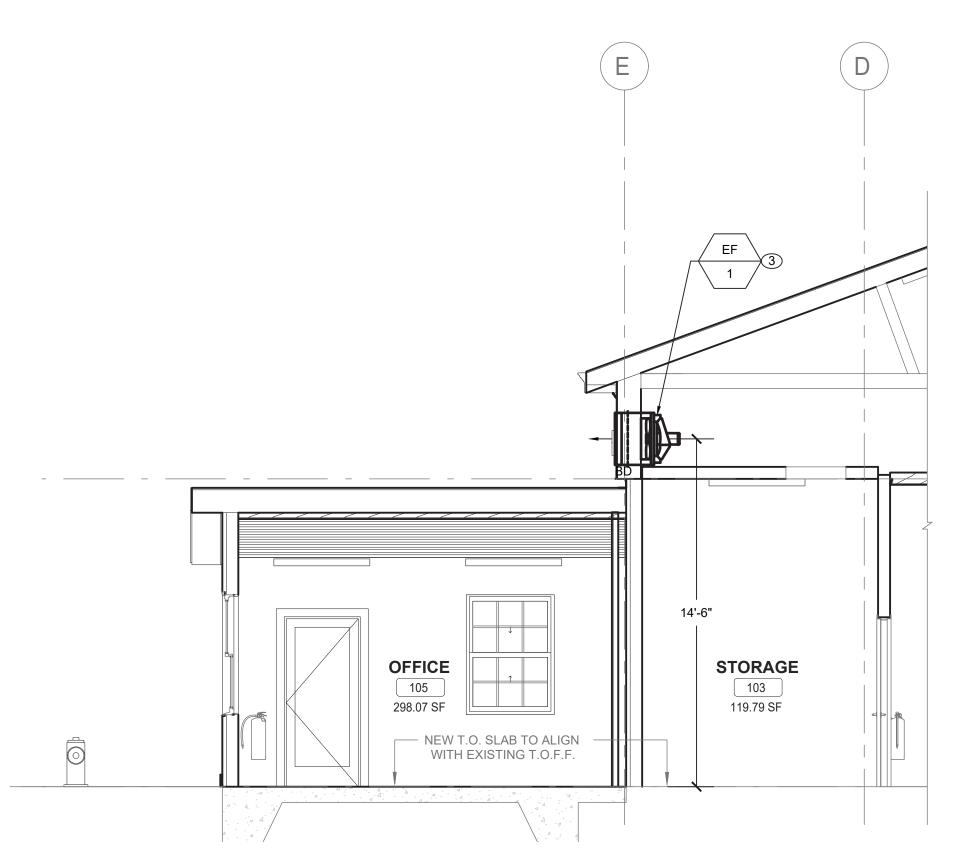


#### **GENERAL NOTES:**

- 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 SPLIT CONDENSER AIR CONDITIONER UNIT AS SHOWN WITH A MINIMUM CLEARANCE OF 8" FROM EXTERIOR WALL ON CONCRETE PAD TO BE COORDINATED WITH AND INSTALLED BY GC. COORDINATE ELECTRICAL POWER AND WIRING WITH ELECTRICAL CONTRACTOR. COORDINATE LOCATION OF WALL MOUNTED DISCONNECT SWITCH WITH ELECTRICAL CONTRACTOR.
- 2 PROVIDE NEW WALL MOUNTED INDOOR UNITS AS INDICATED WITH CONDENSATE LIFT PUMPS. INSTALL AC-1 AND AC-2 AT 6'10" AFF TO CENTER. COORDINATE ELECTRICAL POWER AND WIRING WITH ELECTRICAL CONTRACTOR.
- 3 PROVIDE NEW EXHAUST FAN AS SCHEDULED. COORDINATE ELECTRICAL POWER AND WIRING WITH ELECTRICAL CONTRACTOR. INSTALL EF-1 AT 14'6" AFF TO CENTER AND EF-2 6'2" AFF TO CENTER.
- 4 PROVIDE NEW RAIN RESISTANT LOUVER AS SCHEDULED. ALIGN CENTER OF LOUVER WITH CENTER OF EXHAUST FAN. REFER TO INSTALLATION DETAIL ON CXA-M-81.
- 5 PROVIDE NEW ELECTRIC WALL MOUNTED UNIT HEATER. COORDINATE INSTALL HEIGHT IN FIELD.



**INTERIOR SECTION - SOUTHEAST** 

CONSULTANT NFORMATION SHEET NUMBER ONSULTANT SEAL RECORD DRAWING CERTIFICATION WESTCHESTER COUNTY, NEW YORK 22-523 CXA-M-21 \_\_\_\_ AS BUILT — NO CHANGES AS BUILT — CHANGES AS NOTED DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING DWG NO.: **160 of 664** PROJECT COORDINATOR CONTRACTOR **AS INDICATED INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK 08/23/2022 **CROSS AXIS BUILDING A** MADE APP'D BY MECHANICAL FIRST FLOOR CONSTRUCTION PLAN 1-118-M-909-0 REVISION

#### **DUCTLESS SPLIT SYSTEM HEAT PUMP SCHEDULE** SUPPLY FAN COOLING HEATING ELECTRICAL ASSOCIATED MANUFACTURER UNIT TAG (INDOOR) MODEL LOCATION/SERVICE REFRIGERANT NOTES **OUTDOOR UNIT** TOTAL/SENS. EAT EAT/LAT V.-PH.-CY. MCA MOCP 80/67 20.0 70/90 208-1-60 0.24 AC-1 CU-1 MITSUBISHI PKFY-P18NLMU-E 105 OFFICE R410A 438 18.0/20.0 1,2,3,4 AC-2 CU-1 MITSUBISHI PKFY-P18NLMU-E 107 MAIN STORAGE R410A 18.0/20.0 20.0 70/90 208-1-60 28.4 1,2,3,4 NOTES:

1. UNIT CAPACITY INDICATED AS SIZING CRITERIA.

2. PROVIDE UNIT WITH WIRED WALL MOUNTED THERMOSTAT.

3. PROVIDE ALL INDOOR UNIT WITH CONDENSATE PUMP.

INSTALL UNIT ON CONCRETE PAD.

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

NOMENAL COOLING NOMENAL LIFATING												
UNIT TAG (OUTDOOR)	MANUFACTURER	MODEL	NOMINAL COOLING (BTU/HR)	NOMINAL HEATING (BTU/HR)	SERVICE	SEER	COP	VPHCY.	MCA	MOCP	WEIGHT	NOTES
CU-1	MITSUBISHI	PUMY-P36NKMU3-BS	36000	42000	OFFICE & MAIN STORAGE	22.3	4	208-1-60	29.0	44.0	271.0	1,2,3
NOTES:							- S		1	***	TV .	12

	FAN SCHEDULE														
TAG	MANUEACTURER	ACTURER MODEL	LOCATION	SERVICE	TYPE	DRIVE	AIR FLOW (CFM)	V TSP (IN. WG)	ELECTRICAL				OPERATING WEIGHT	DIMENSIONS	NOTES
TAG	MANUFACTURER								HP	ВНР	RPM	V-PH-HZ	(±LBS)	DxH (IN)	NOTES
EF-1	GREENHECK	AER-20-03-0600-VG	103 STORAGE	STORAGE & ATTIC	AXIAL	DIRECT	50	0.09	0.25	0.01	512	115-1-60	60	26X26	1,3,4,5
EF-2	GREENHECK	AER-20-03-0600-VG	107 MAIN STORAGE	MAIN STORAGE	AXIAL	DIRECT	50	0.09	0.25	0.01	512	115-1-60	60	26X26	1-5

NOTES:

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

3. PROVIDE MINIMUM CLEARANCE OF 8" FROM EXTERIOR WALL, AND 40" FROM CONDENSER FAN DISCHARGE.

2. PROVIDE EF-2 WITH MANUAL WALL MOUNT SWITCH. REFER TO CONTROLS

3. PROVIDE THERMAL OVERLOAD FOR ALL SINGLE PHASE MOTORS.

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

5. FAN SHALL BE FURNISHED WITH NON FUSED DISCONNECT.

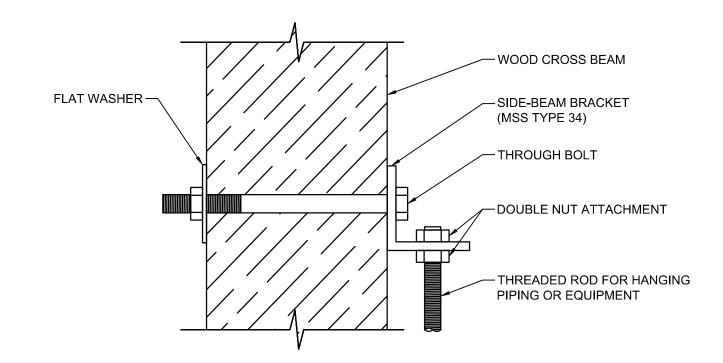
ELECTRIC UNIT HEATER SCHEDULE											
TAG	MANUFACTURER	MODEL	SERVICE	TYPE	ĸw	AMPS	V-PH-HZ	NOTES			
UH-1	TRANE	UHEC-031A0C0	105 SPRINKLER ROOM	WALL HUNG	3.3	15.9	208-1-60	1			

NOTES:

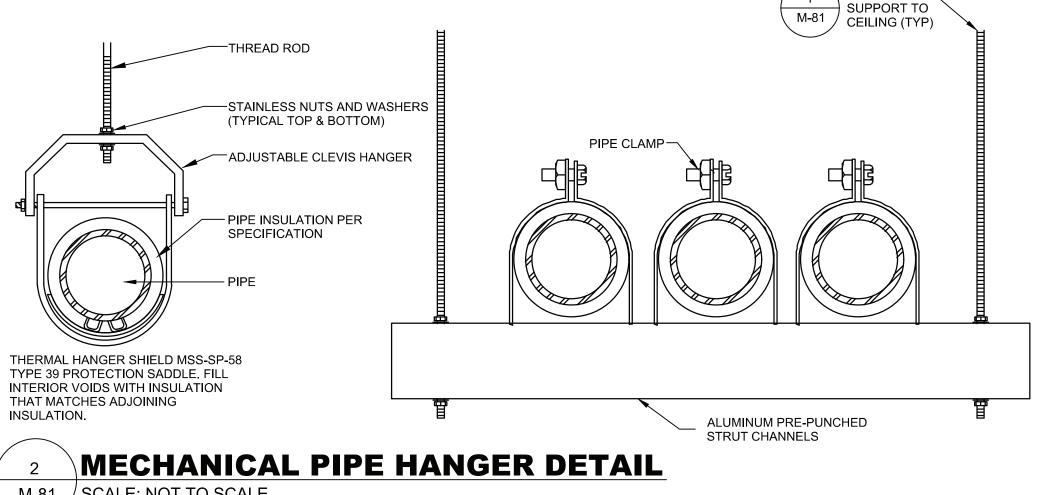
1. PROVIDE UNIT MOUNTED 2 STAGE THERMOSTAT.

	LOUVER SCHEDULE												
TAG	MANUFACTURER	MODEL	SERVICE	LOCATION	MATERIAL	FINISH TYPE	WIDTH (INCH)	HEIGHT (INCH)	PRESSURE DROP (IN. WG)	MINIMUM FREE AREA (SQUARE FEET)	NOTES		
LV-1	GREENHECK	ESD-635	EXHAUST	103 STORAGE	ALUMINUM	BAKED ENAMEL	26	26	0.01	1.96	1		
LV-2	GREENHECK	ESD-635	EXHAUST	107 MAIN STORAGE	ALUMINUM	BAKED ENAMEL	26	26	0.01	1.96	1		
NOTES:		D 54			fis-	Es .			- 100°	<del>20</del>			
1. PROVID	DE WITH ALUMINUM	I BIRD SCF	REEN AND	BACKDRAFT DAMPERS.									

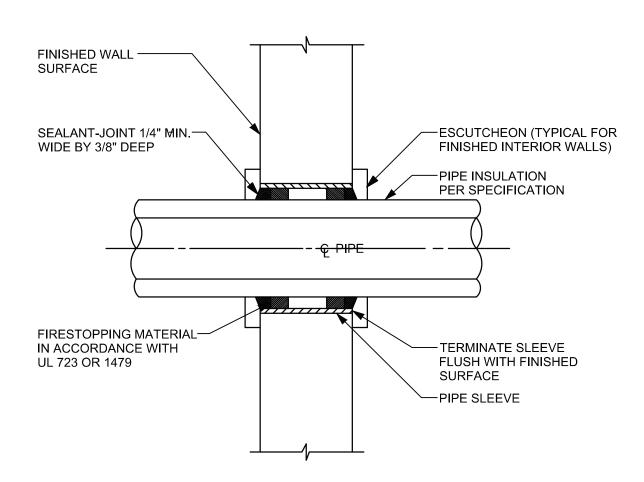
CONSULTANT INFORMATION CONTRACT NUMBER SHEET NUMBER CONSULTANT SEAL RECORD DRAWING CERTIFICATION WESTCHESTER COUNTY, NEW YORK 22-523 CXA-M-61 \_\_\_\_ AS BUILT — NO CHANGES AS BUILT — CHANGES AS NOTED DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING DWG NO.: **161 of 664** PROJECT COORDINATOR CONTRACTOR SCALE: **AS INDICATED INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK 08/23/2022 CROSS AXIS BUILDING A REVISION DATE MADE APP'D BY DPW FILE **1-118-M-910-0** MECHANICAL SCHEDULES REVISION



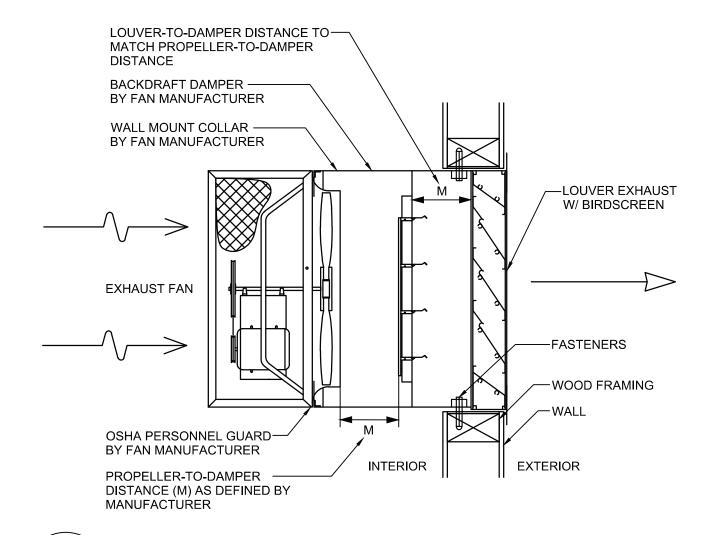




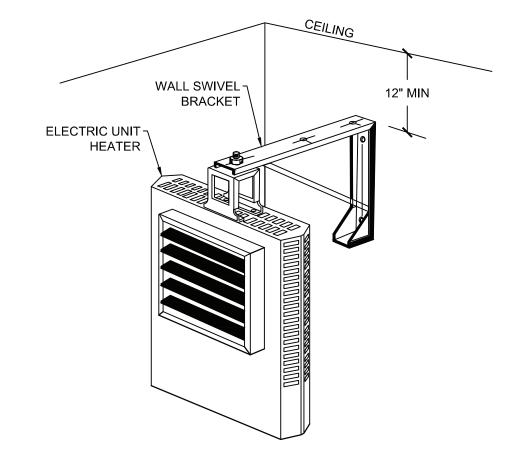
M-81 / SCALE: NOT TO SCALE





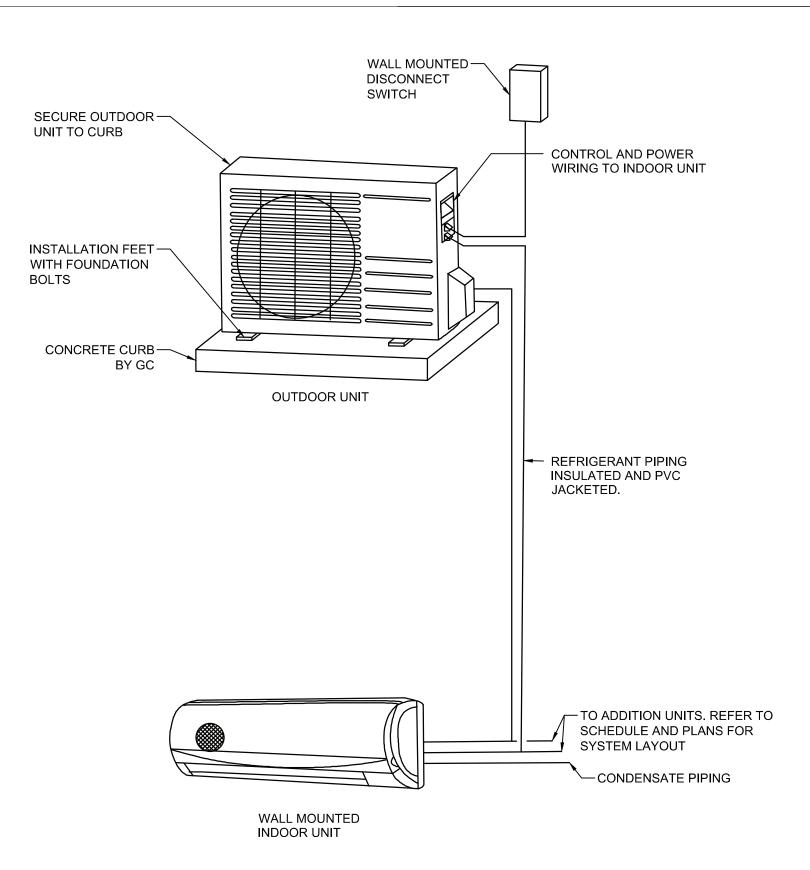


PROPELLER FAN DETAIL M-81 / SCALE: NOT TO SCALE

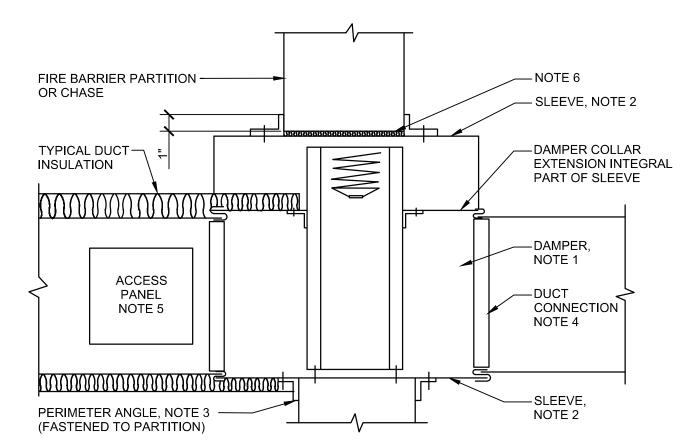


ANCHOR -

MECHANICAL WALL MOUNTED ELECTRIC UNIT HEATER DETAIL M-81 / SCALE: NOT TO SCALE

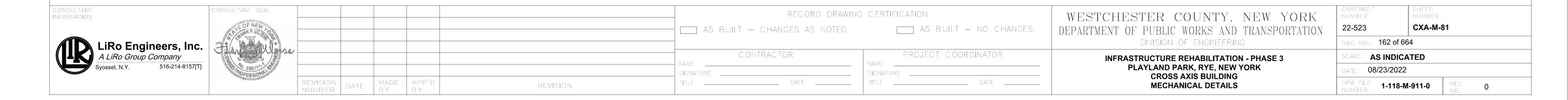


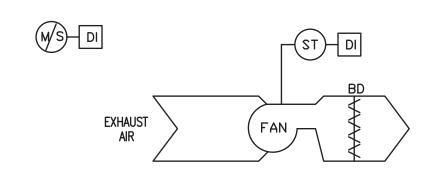




- 1. A VERTICAL DAMPER IS SHOWN. HORIZONTAL DAMPER INSTALLATION, IS SIMILAR. FOLLOW DAMPER MANUFACTURER'S INSTRUCTIONS, INCLUDING FASTENER OPTIONS AND GAGES FOR SLEEVE AND PERIMETER ANGLES. FIRE DAMPERS MUST BE INSTALLED IN THE PARTITION OR FLOOR AND NOT OUTSIDE THE PENETRATION.
- 2. GALVANIZED SLEEVE: GAGE NOT LESS THAN CONNECTING DUCT. FASTEN SLEEVE TO DAMPER FRAME AND TO PERIMETER ANGLES.
- 3. PERIMETER ANGLES: GALVANIZED STEEL, NOT LESS THAN 1 1/2"x1 1/2", 14 GAGE, TO PROVIDE 1" MINIMUM OVERLAP OF OPENING ON ALL 4 SIDES.
- 4. BREAKAWAY DUCT CONNECTION: CONTRACTOR'S OPTION OF TYPES SHOWN IN SMACNA.
- 5. ACCESS PANELS: SIZE AND LOCATION TO PERMIT SERVICING THE FUSIBLE LINK OR LINKS.
- 6. PROVIDE 1/4" TO 1/2" CLEARANCE ON HEIGHT AND WIDTH. FILL OPEN SPACE WITH ROCK WOOL FIRESTOP FIBER.
- 7. ALL DUCT WORK RISERS WHICH ARE RUN EXPOSED, SUCH AS THRU ATTIC FLOORS AND MECHANICAL ROOM FLOORS, SHALL BE PROVIDED WITH 3" HIGH CONCRETE CURB AROUND OPENING FOR DUCT.
- 8. INSTALL FIRE DAMPERS I ACCORDANCE WITH UL 555.





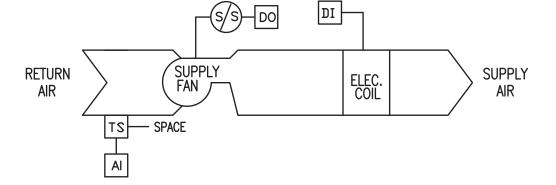


EXHAUST FAN - CONSTANT SPEED - SEQUENCE OF OPERATIONS:

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

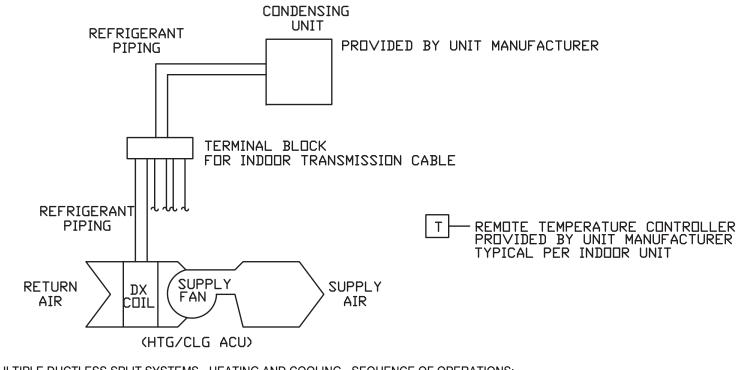
EXHAUST FAN TO BE LOCALLY CONTROLLED FROM SWITCH MOUNTED ADJACENT TO FAN.

- 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.



#### UNIT HEATER - ELECTRIC - SEQUENCE OF OPERATIONS:

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



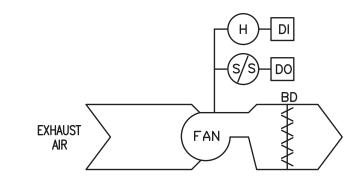
MULTIPLE DUCTLESS SPLIT SYSTEMS - HEATING AND COOLING - SEQUENCE OF OPERATIONS:

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







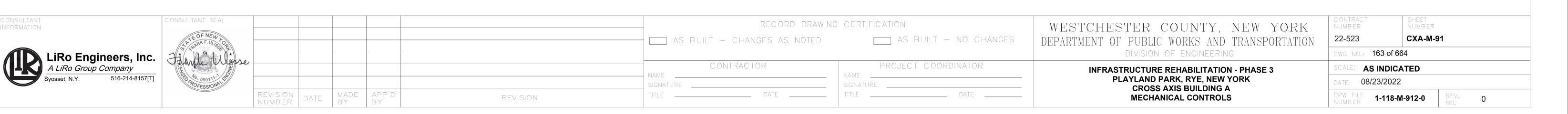


EXHAUST FAN - CONSTANT SPEED - SEQUENCE OF OPERATIONS:

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

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





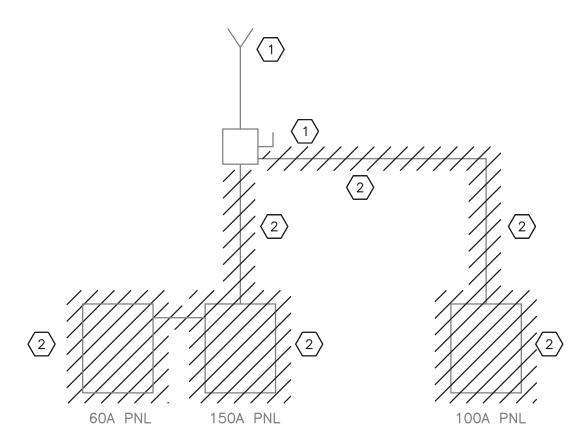
#### NOTES:

- FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
- 2. CONTRACTOR IS ADVISED, SCHEDULES FOR PP-TW5 AND TW5-RP NOT SHOWN.

#### KEY NOTES:

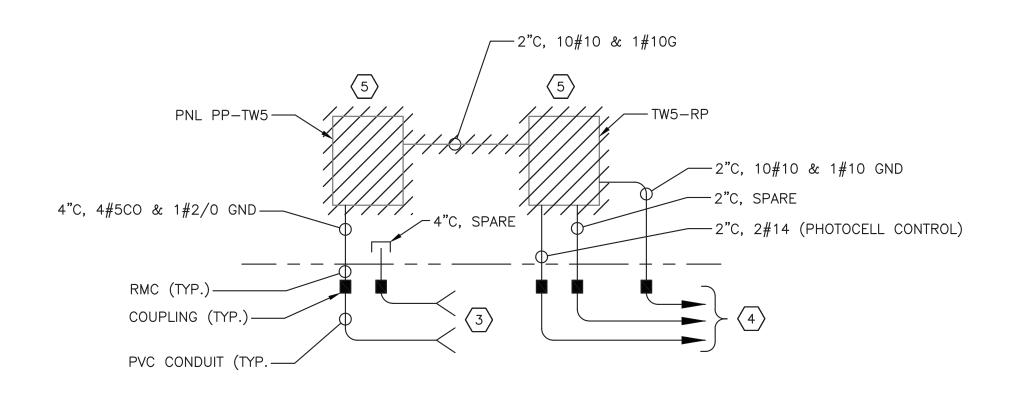
- 1 EXISTING INCOMING SERVICE (CONDUIT AND WIRE) AND 200 AMP FUSED DISCONNECT SWITCH (FUSED AT 175 AMPS) SHALL REMAIN, BE REUSED AND PROTECTED DURING CONSTRUCTION
- 2 ALL PANELS AND ASSOCIATED CONDUIT AND WIRE LOCATED ON THE "LOAD" SIDE OF EXISTING SWITCH SHALL BE DISCONNECTED AND REMOVED. CONTRACTOR IS ADVISED THAT NOT ALL PANELS ARE SHOWN (TOTAL OF 5 TO BE REMOVED). SEE DEMOLITION DRAWING CXA-E-02 FOR ADDITIONAL INFORMATION.
- (3) INCOMING FROM QUAD #3 ELECTRICAL ROOM.
- $\langle 4 \rangle$  OUTGOING TO TOWER #5.
- 5 EXISTING 200 AMP PANEL AND ASSOCIATED RELAY PANEL TO BE DISCONNECTED, REMOVED AND RELOCATED TO NEW ELECTRICAL ROOM. EXISTING CONDUIT AND WIRE SHALL BE INTERCEPTED (JUNCTION BOXES) SPLICED AND EXTENDED TO NEW ELECTRICAL ROOM AS WELL. SEE DRAWINGS CXA-E-04 AND CXA-E-05 FOR ADDITIONAL INFORMATION.

208Y/120 VOLT POWER FROM PAD-MOUNTED ELECTRICAL EQUIPMENT LOCATED NEAR NORTH CORNER OF BUILDING



ONE LINE DIAGRAM — DEMOLITION — SERVICE 1

N.T.S.



ONE LINE DIAGRAM — DEMOLITION — SERVICE 2 N.T.S.

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CONSULTANT NFORMATION	CONSULTANT SEAL			RECORD DRAWING	G CERTIFICATION	WESTCHESTER COUNTY, NEW YORK	CONTRACT NUMBER	SHEET NUMBER
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	6 6 LA TARE				1	DIVISION OF ENGINEERING	DWG NO.:	
	TA MENINGER			C ONTRACTOR	PROJECT COORDINATOR	INFRASTRUCTURE REHABILITATION - PHASE 3 PLAYLAND PARK, RYE, NEW YORK	SCALE: AS SHO	<b>WN</b> 64
Savin Engineers, P.C	083631			SIGNATURE	SIGNATURE	CROSS AXIS BUILDING A	DATE: <b>8/23/202</b> 2	2
oaviii Eligiliccis, i .c	PROFESSIONAL REVISIONUMBE	N DATE MADE APP'D BY BY	REVISION	TITLE DATE	TITLE DATE	ONE LINE DIAGRAM - DEMOLITION	DPW FILE NUMBER 1-118-E	REV. 0

## GROUND FLOOR POWER AND LIGHTING PLAN - DEMOLITION 1/4"=1'-0"

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

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 22-523 CXA-E-02 DIVISION OF ENGINEERING SCALE: **AS SH็ป็ฟิก<sup>64</sup>** CONTRACTOR PROJECT COORDINATOR **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK 8/23/2022 Savin Engineers, P.C. CROSS AXIS BUILDING A REVISION NUMBER \_\_\_\_ DATE \_\_\_ **GROUND FLOOR DEMOLITION PLAN** DPW FILE **1-118-E-914-0** REVISION

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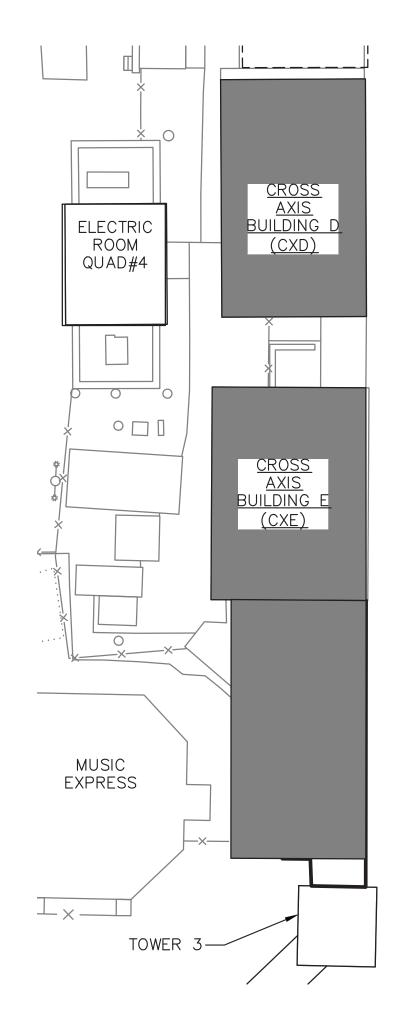
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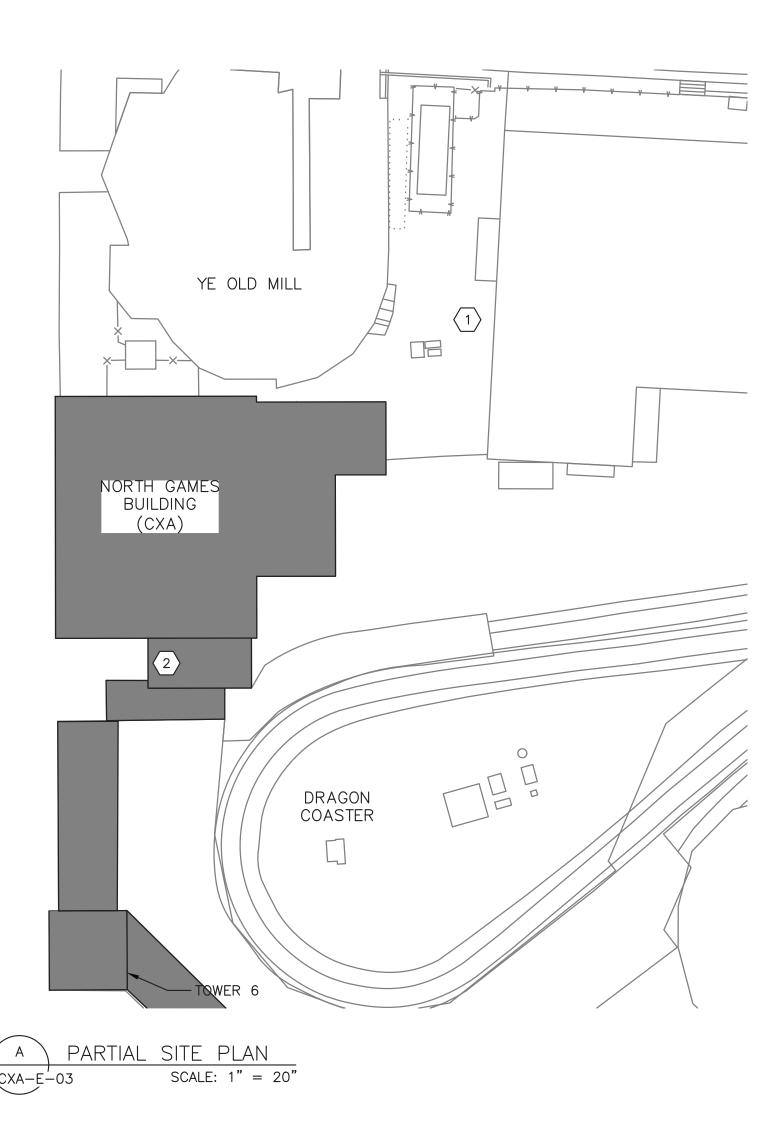
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#### NOTES:

- 1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
- 2. ALL REMOVED EQUIPMENT SHALL BE RETURNED TO OWNER UPON REQUEST. OTHERWISE ALL REMOVED MATERIAL SHALL BE LEGALLY DISPOSED OF.
- 3. DISCONNECT AND REMOVE ALL ELECTRICAL EQUIPMENT, LIGHTING, POWER, CONDUIT AND WIRE BACK TO SOURCE. REMOVE ALL PANELBOARDS. COMPLETE ELECTRICAL GUT UNLESS NOTED OTHERWISE. CONTRACTOR IS ADVISED, THE STRUCTURE NORTH COLUMN LINE A WILL BE DEMOLISHED IN ITS ENTIRETY.
- 4. ALL EXISTING CABLE AND CONDUIT SHALL BE DOCUMENTED PRIOR TO REMOVAL.
- 5. CONTRACTOR SHALL DISCONNECT AND REMOVE ALL EXISTING FLUORESCENT LIGHTING FIXTURES.
- 6. DISCONNECT AND REMOVE ALL EXTERIOR LIGHTING, ALL EXPOSED CONDUIT, WIRE, ETC.
- 7. CONTRACTOR SHALL DEMOLISH ALL EXISTING JUNCTION BOXES AND ASSOCIATED CONDUITS, WIRES, AND APPURTENANCES. FOR BIDDING PURPOSES, ASSUME 2000 FEET 1"C, 3#12 & 1#12 GND.
- 8. DISPOSITION OF EXISTING CCTV/DATA/COMMUNICATIONS CABINET SHALL BE BY OTHERS. THIS INCLUDES BOTH INCOMING AND OUTGOING CONDUIT AND CABLES.
- 9. SEE DRAWING CXA-E-01 FOR PANEL SCHEDULE DEMOLITION.
- 10. WALLS WITH DATA PORT ARRAY TO BE REMOVED BY OTHERS.
- 11. LOCATION OF MOTOR FOR ROLL UP DOOR. CONTRACTOR SHALL DISCONNECT AND REMOVE THE MOTOR, AND ALL ASSOCIATED CONDUIT AND WIRE BACK TO SOURCE.
- 12. LOCATION OF HANDPUNCH BIOMETRIC TIME CLOCK. CONTRACTOR SHALL DISCONNECT THE TIME CLOCK AND RETURN TO OWNER. CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ASSOCIATED CONDUIT AND WIRE BACK TO SOURCE.
- 13. LOCATION OF SPRINKLER ROOM UNIT HEATER. EQUIPMENT REMOVED BY OTHERS. CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ASSOCIATED CONDUIT AND WIRE.
- 14. LOCATION OF EXISTING 200AMP DISCONNECT SWITCH TO REMAIN AND BE REUSED. REFER TO KEYNOTE 1 AND 2 ON DRAWING CXA-E-01.

	DEMOLITION LEGEND
1	RECEPTACLE
2	200A HEAVY DUTY DISCONNECT SWITCH (SEE NOTE 14)
3	12 CKT PANEL (100A) "SHOOT THE STARS"
4	8 CKT PANEL "VESTIBULE 2"
5	LIGHT SWITCH
6	ROLL-UP DOOR MOTOR (SEE NOTE II)
7	COMMUNICATIONS HUB (SEE NOTE 8)
8	GENERAL DUTY SAFETY SWITCH
9	DATA PORTS (SEE NOTE 10)
10	UNIT HEATER
11	UNIT HEATER THERMOSTAT
12	30 CKT PANEL (150A) "VESTIBULE 1"
13	4 CKT PUSHMATIC PANEL & ASSOCIATED 30A DISC SW
14	EXIT SIGN AND EMERGENCY LIGHT
15	THROUGH-WALL AIR CONDITIONING UNIT - DISCONNECT AND REMOVE POWER
16	HANDPUNCH TIME CLOCK (SEE NOTE 12)
17	(2) 2" CAN-STYLE FIXTURES RECESSED IN "GAMES" SIGNAGE SOFFIT.
18	SPRINKLER ROOM UNIT HEATER (SEE NOTE 13)



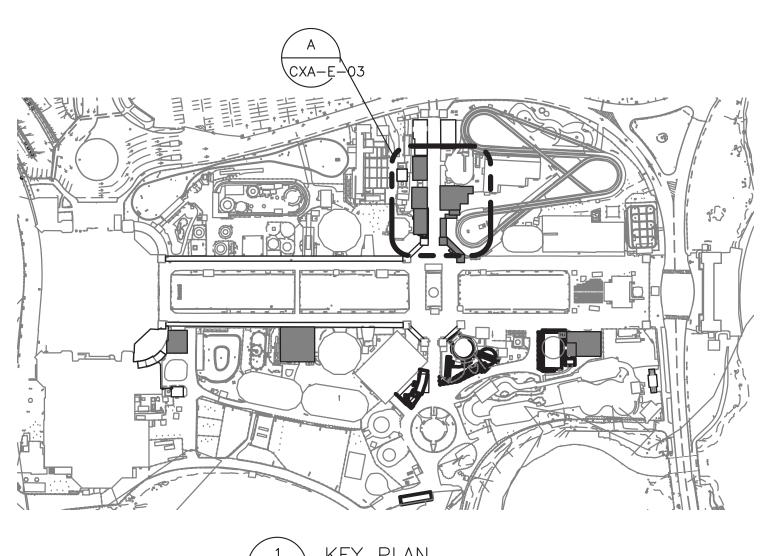


#### NOTES:

- 1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
- 2. FOR PANEL SCHEDULES, SEE DRAWING CXA-E-09.

#### **KEY NOTES:**

- LOCATION OF DISTRIBUTION POWER TO EXISTING 200 AMP SWITCH (FUSED AT 175 AMP). EXISTING FEEDER CIRCUIT RUNS UNDERGROUND TO BUILDING, ENTERS ON WEST SIDE.
- 2 LOCATION OF INCOMING UNDERGROUND FEEDER AND OUTGOING DISTRIBUTION CIRCUITS TO TOWER 5.



KEY PLAN

SCALE: 1" = 200'



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RECORD DRAWING CERTIFICATION AS BUILT — CHANGES AS NOTED

CONTRACTOR

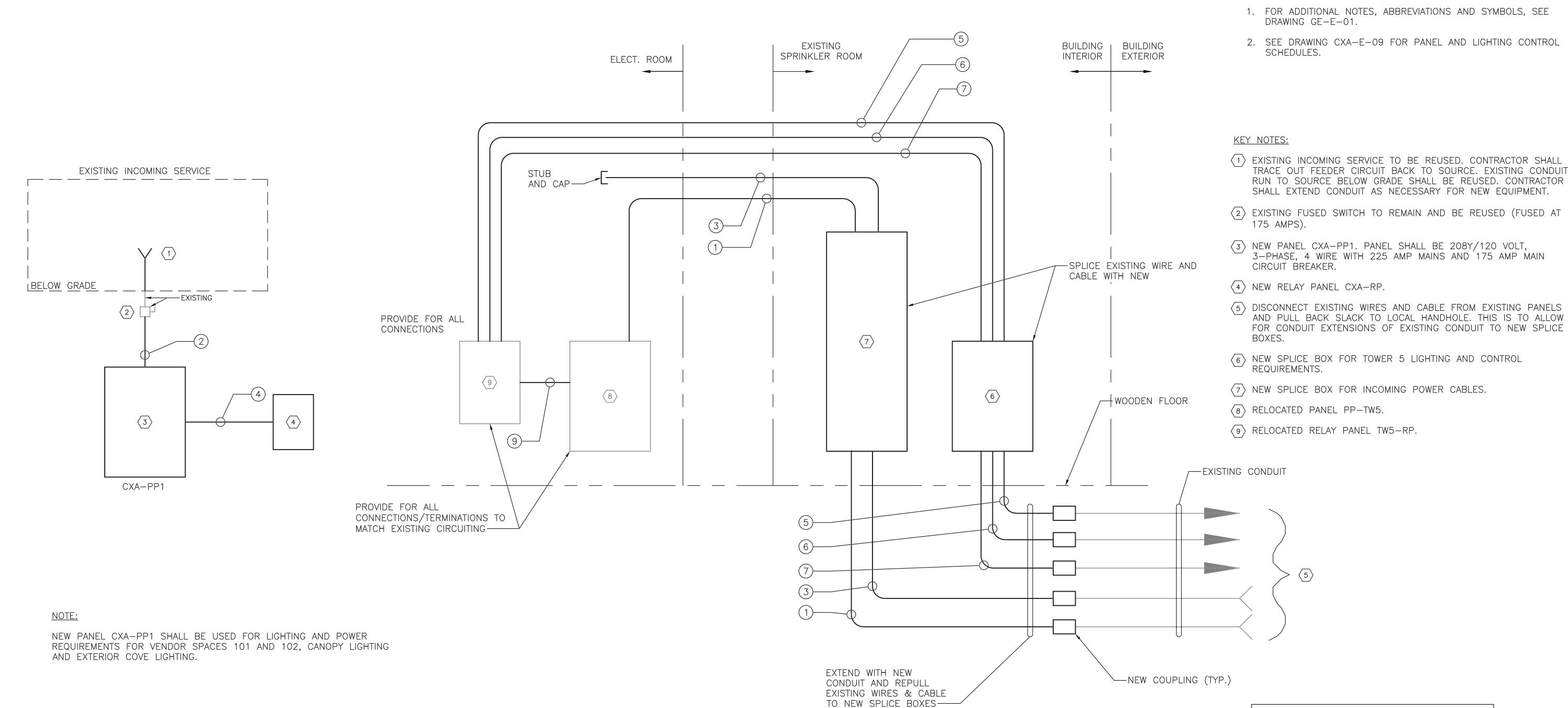
AS BUILT — NO CHANGES

DIVISION OF ENGINEERING INFRASTRUCTURE REHABILITATION - PHASE 3 PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING A SITE DUCTBANK PLAN

WESTCHESTER COUNTY, NEW YORK

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

NUMBER	NUMBER	
22-523	CXA-E-0	-03
DWG NO.:		
SCALE: AS SHOW	<b>√N</b> 664	
DATE: <b>8/23/2022</b>		
DPW FILE NUMBER 1-118-E-	915-0	REV. No. <b>0</b>



EXTENSION OF EXISTING PANELS

	CABLE AND CONDUIT
NO.	DESCRIPTION
1	4"C, 4#-500KCMIL & 1#2/0 GND
2	2"C, 4#2/0 & 1#6 GND
3	4"C, SPARE WITH PULL ROPE
4	3/4"C, 8#10 & 1#12 GND
5	2"C, 3#10 (PHOTOCELL)
6	2"C, SPARE WITH PULL ROPE
7	2"C, 16#10 & 8#10 GNDS
8	1"C, 3#10 (PHOTOCELL)
9	2"C, 2#12, 16#10 & 9#10 GNDS

CONSULTANT INFORMATION Savin Engineers, P.C.

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

REVISION

AS BUILT — CHANGES AS NOTED

CONTRACTOR

RECORD DRAWING CERTIFICATION

AS BUILT - NO CHANGES PROJECT COORDINATOR

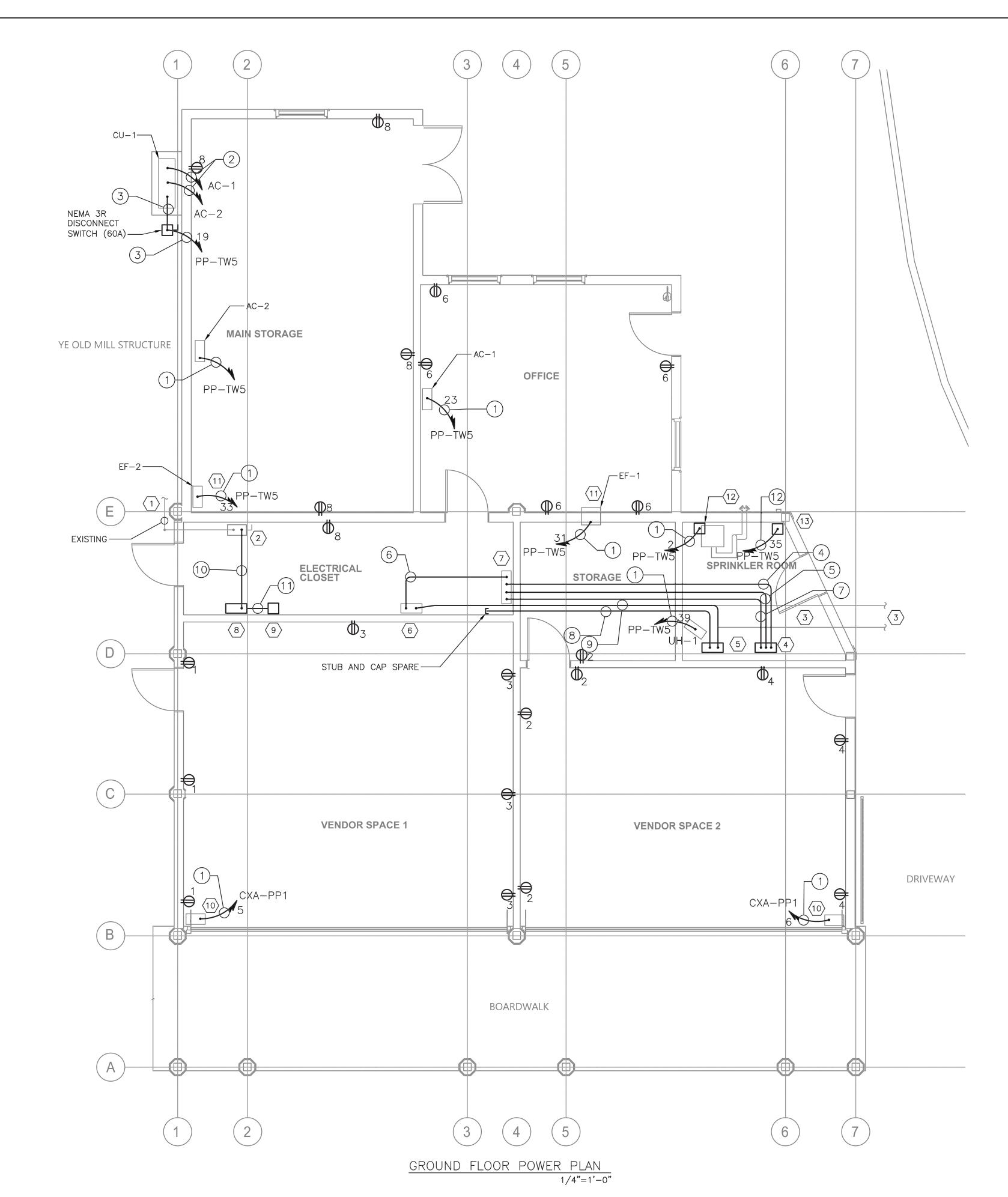
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION - PHASE 3** 

NOTES:

PLAYLAND PARK, RYE, NEW YORK **CROSS AXIS BUILDING A** ONE LINE DIAGRAMS

CONTRACT NUMBER	SHEET NUMBER	
22-523	CXA-E-04	
DWG NO.:		
SCALE: AS SHOWN <sup>64</sup>		
DATE: <b>8/23/2022</b>		

DPW FILE **1-118-E-916-0** 



#### NOTES:

- 1. FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
- 2. NUMBER DESIGNATORS NEXT TO RECEPTACLES INDICATE CIRCUIT NUMBERS.
- 3. FOR ADDITIONAL INFORMATION OF HVAC EQUIPMENT, FANS AND UNIT HEATER SEE MECHANICAL DRAWINGS.
- 4. CONTRACTOR IS ADVISED THERE MAY BE ADDITIONAL CIRCUITS NEEDED FOR EQUIPMENT LOCATED IN THE BUILDING. ASSUME 3 ADDITIONAL 120 VOLT CIRCUITS WILL BE NEEDED WITH 200 FEET OF 3/4"C, 2#12 & 1 #12 GND.

#### **KEY NOTES:**

- 1) APPROXIMATE LOCATION OF INCOMING EXISTING ELECTRICAL SERVICE TO BE REUSED.
- 2 200 AMP DISCONNECT SWITCH (FUSED AT 175 AMPS). TO BE
- (3) LOCATION OF UNDERGROUND SERVICE AND TOWER 5 LIGHTING CONTROL CIRCUITS. CONDUIT LOCATED UNDER FLOOR BOARDS SHALL BE INTERCEPTED AND REROUTED TO NEW JUNCTION/SPLICE BOXES. CONTRACTOR SHALL REUSE EXISTING WIRING. SEE DRAWING CXA-E-04 FOR ADDITIONAL INFORMATION.
- (4) INTERCEPT SPLICE BOX FOR TOWER 5 LIGHTING CIRCUITS AND PHOTOCELL CONTROL. SPLICE NEW WIRES AND EXTEND CONDUIT TO NEW LOCATION OF RELAY PANEL TW5-RP. APPROXIMATE SIZE 16"X16", NEMA 1 ENCLOSURE (WALL MOUNTED).
- INCOMING POWER INTERCEPT SPLICE BOX. EXISTING UNDER FLOOR  $\langle 5 \rangle$  LOCATED CONDUIT (4"C, 4#500 & 1#2/0 GND) AND SPARE TO BE REROUTED TO SPLICE BOX LOCATION. REUSE EXISTING CABLE TO NEW SPLICE BOX. SPLICE NEW CABLE AND EXTEND CONDUIT TO NEW LOCATION OF PANEL PP-TW-5. APPROXIMATE SIZE 32" HIGH X 18" WIDE, NEMA 1 ENCLOSURE (WALL MOUNTED).
- 6 RELOCATED PANEL PP-TW-5.
- $\langle 7 \rangle$  RELOCATED RELAY PANEL TW5-RP.
- $\langle 8 \rangle$  NEW 208Y/120 VOLT, 3 PHASE, 4 WIRE PANEL (CXD-PP1) WITH 225 AMP MAINS AND 175 AMP MAIN CIRCUIT BREAKER.
- 9 NEW LIGHTING CONTROL RELAY PANEL CXA-RP. SEE DRAWING CXA-E-09 FOR ADDITIONAL INFORMATION.
- (10) ROLL-UP DOOR MOTOR. PROVIDE 30 AMP, 2-POLE DISCONNECT SWITCH, NEMA 12 ENCLOSURE.
- $\langle 11 \rangle$  EXHAUST FANS EF-1 AND EF-2. PROVIDE 2-POLE DISCONNECT SWITCH EACH FAN.
- (12) EXISTING SPRINKLER ALARM TO BE REPOWERED.
- (13) EXISTING AIR COMPRESSOR TO BE REPOWERED.

CON	IDUIT AND WIRE LEGEND				
NO.	DESCRIPTION				
1	3/4"C, 2#12 & 1#12 GND				
2	3/4"C, BLANK CONDUIT FOR CONTROL				
3	3/4"C. 2#8 & 1#10 GND				
4	1"C, 3#10 (PHOTOCELL)				
5	2"C, SPARE WITH PULL ROPE				
6	2"C, 2#12, 16#10 & 9#10 GNDS				
7	2"C, 16#10 & 8#10 GNDS				
8	4"C, SPARE WITH PULL ROPE				
9	4"C, 4-500KCMIL & 1#2/0 GND				
10	2"C, 4#2/0 & 1#6 GND				
(11)	1 1/4"C, 14#10 & 7#10 GNDS				
(12)	3/4"C, 2#10 & 1#10 GND				





REVISION

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

CONTRACI NUMBER SHEET NUMBER CXA-E-05 22-523 SCALE: **AS SHOW** № 64 8/23/2022

DPW FILE **1-118-E-917-0** 

RECORD DRAWING CERTIFICATION

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

WESTCHESTER COUNTY, NEW YORK

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

#### NOTES:

- 1. FOR ADDITIONAL NOTES, ABBREVIATIONS, AND SYMBOLS, SEE DRAWING GE-E-01.
- 2. EXIT SIGNS SHALL BE WIRED TO THE UN-SWITCHED LEG OF THE DESIGNATED CIRCUIT.
- 3. EMERGENCY FIXTURES SHALL BE WIRED TO THE UN-SWITCHED LEG OF THE DESIGNATED CIRCUIT.
- 4. NUMBER DESIGNATORS NEXT TO FIXTURES AND/OR CONTROLS INDICATE CIRCUIT NUMBERS. CONTRACTOR IS ADVISED, THE LIGHTING IS POWERED AS FOLLOWS:
- A. ALL INTERIOR LIGHTING IN MAIN STORAGE OFFICE, ELECTRICAL CLOSET AND SPRINKLER ROOM SHALL BE CIRCUITED VIA PANEL PP-TW5
- B. ALL REMAINING INTERIOR LIGHTING SHALL BE CIRCUITED VIA PANEL CXA-PP.
- C. ALL EXTERIOR LIGHTING SHALL BE CIRCUITED FROM RELAY PANEL CXA-RP.
- 5. CONTRACTOR SHALL CIRCUIT ALL INTERIOR LIGHTING FIXTURES WITH 3/4" CONDUIT AND 2#12 & 1#12GND WIRE, UNLESS NOTED OTHERWISE. FIXTURES WITH SAME CIRCUIT NUMBER SHALL BE DAISY-CHAINED BACK TO ASSOCIATED POWERSOURCE. (SEE NOTE
- 6. CONTRACTOR SHALL CIRCUIT ALL EXTERIOR LIGHTING FIXTURES WITH 3/4" CONDUIT AND 2#12 & 1#12GND WIRE, UNLESS NOTED OTHERWISE. FIXTURES WITH SAME CIRCUIT NUMBER SHALL BE DAISY-CHAINED BACK TO RELAY PANEL CXA-RP.
- 7. LETTER DESIGNATORS NEXT TO FIXTURES AND/OR CONTROLS INDICATE CONTROL CIRCUITING.
- 8. POWER PACKS SHALL BE MOUNTED ABOVE FINISHED CEILING.
- 9. LIGHTING CONTROL ZONES ARE SEGREGATED BY AREA POWER-PACKS AS SHOWN ON THE DRAWING.
- 10. ALL LIGHTING CONTROL COMPONENTS SHALL BE FROM A SINGLE MANUFACTURER, AND MUST BE FROM THE SAME MANUFACTURER FOR ALL BUILDINGS WITHIN THIS CONTRACT AND AS EXISTING. EQUIPMENT INCLUDES BUT NOT LIMITED TO OCCUPANCY SENSORS, RELAY/POWER PACKS, SWITCHES, RELAY PANELS, PHOTOSENSORS, ETC.
- 11. LIGHTING CONTROLS SELECTED SHALL HAVE THE CAPABILITY TO BE CONNECTED TO A MASTER HEAD-END SYSTEM (FUTURE CONTRACT).
- 12. REFER TO GE-E-03 FOR LIGHTING FIXTURE AND LIGHTING CONTROL SCHEDULES. REFER TO CXA-E-09 FOR PANEL SCHEDULES.
- 13. REFER TO DT-E-01 FOR INTERIOR LIGHTING CONTROL WIRING (INCLUDING BUT NOT LIMITED TO ETHERNET AND LOW VOLTAGE WIRING).

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





REVISION

GROUND FLOOR LIGHTING PLAN

1/4"=1'-0"

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 A **GROUND FLOOR LIGHTING PLAN** 

WESTCHESTER COUNTY, NEW YORK

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

CONTRACI NUMBER SHEET NUMBER CXA-E-06 22-523 SCALE: **AS SHOW** 1664 8/23/2022 DPW FILE **1-118-E-918-0** 

1						
						NAME SIGNATU
	REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	TITLE

AS BUILT — CHANGES AS NOTED AS BUILT — NO CHANGES CONTRACTOR PROJECT COORDINATOR

RECORD DRAWING CERTIFICATION

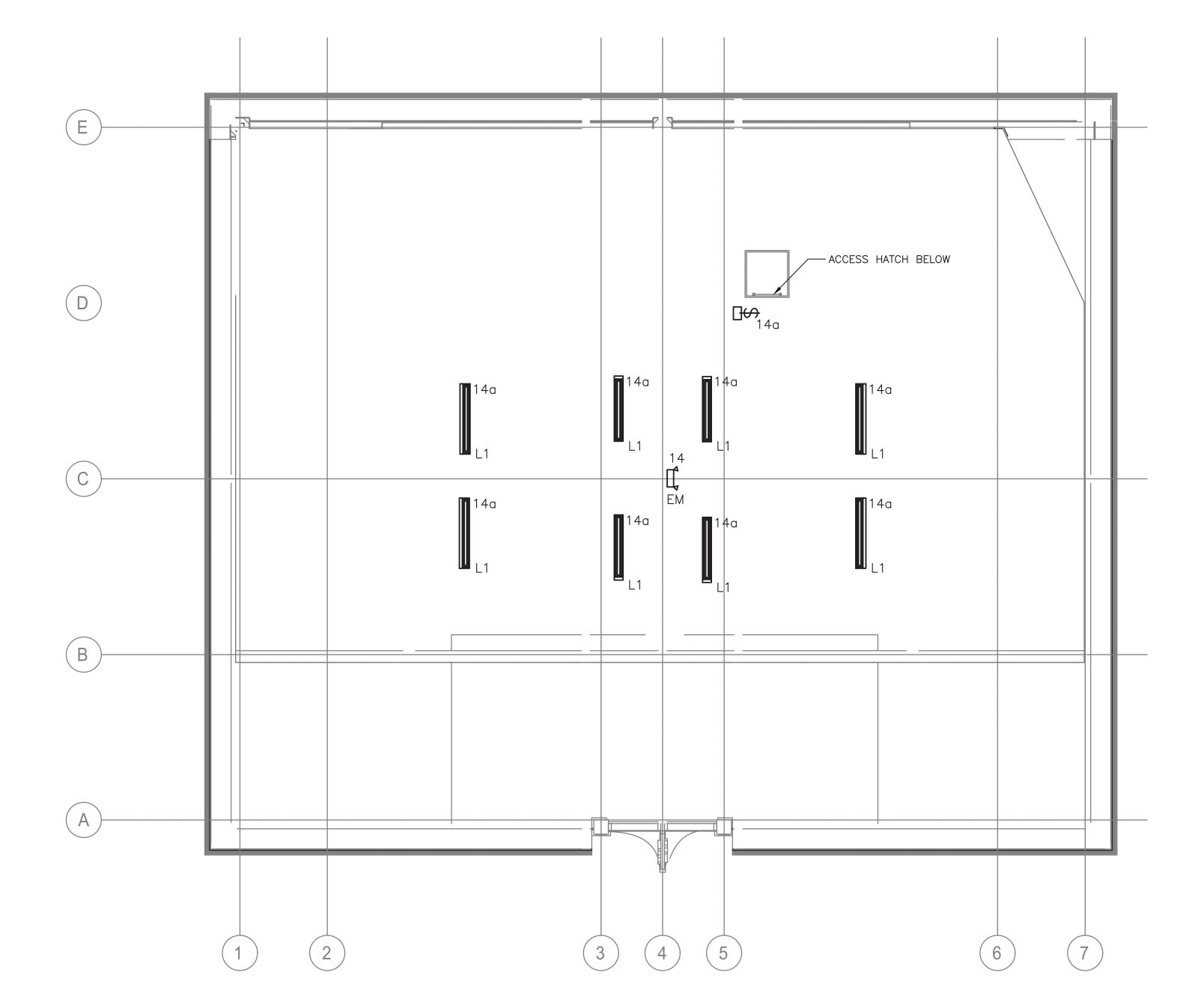
INFRASTRUCTURE REHABILITATION - PHASE 3 PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING A ATTIC LEVEL POWER AND LIGHTING PLAN

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

CONTRACT NUMBER SHEET NUMBER CXA-E-07 22-523 DWG NO.: SCALE: AS SHOWN 64 DATE: **8/23/2022** DPW FILE NUMBER 1-118-E-919-0

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

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

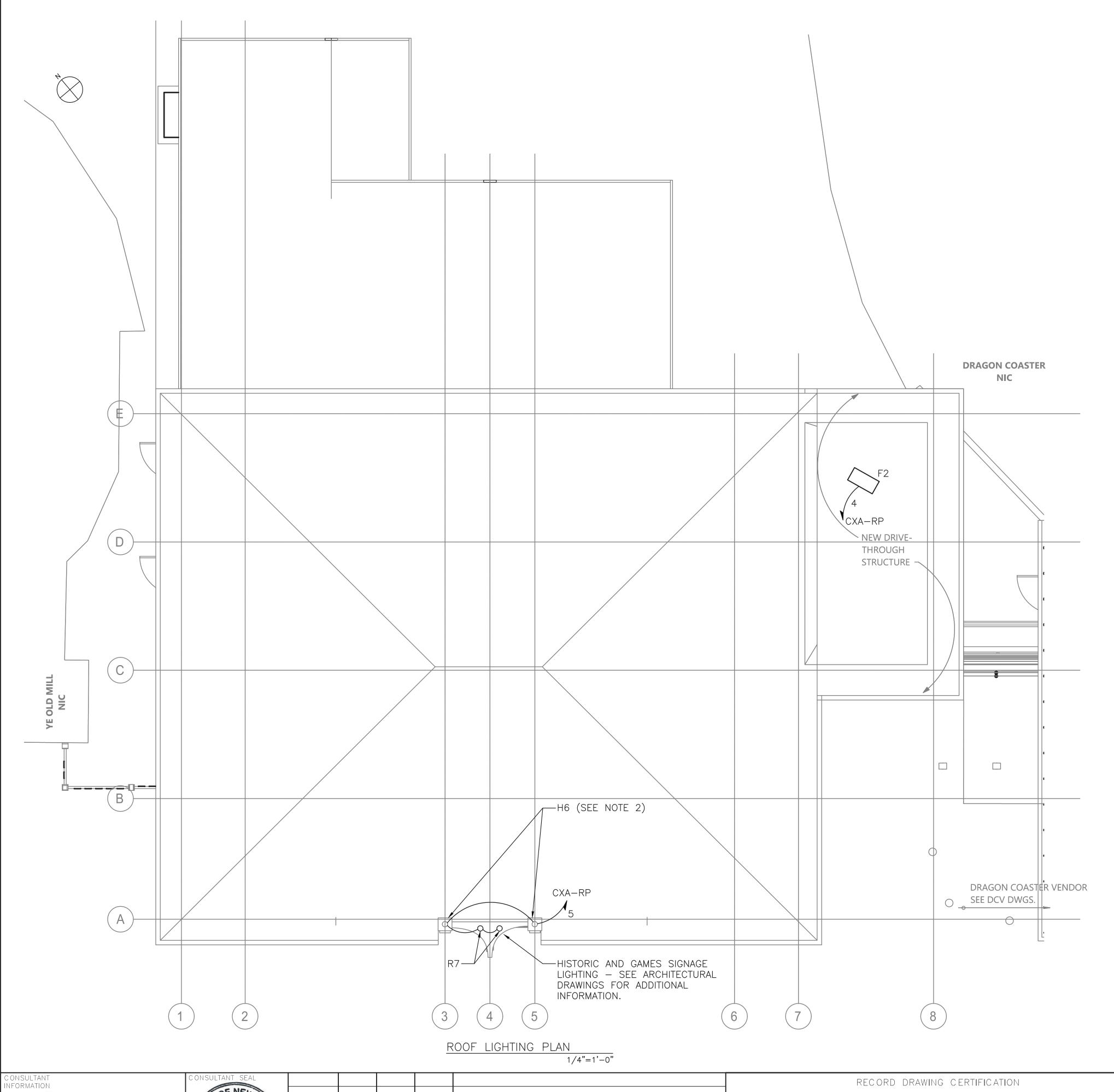


2. MOUNT ATTIC LIGHT SWITCH AT TOP OF ATTIC ACCESS HATCH.

NOTES:

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





NOTES:

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

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

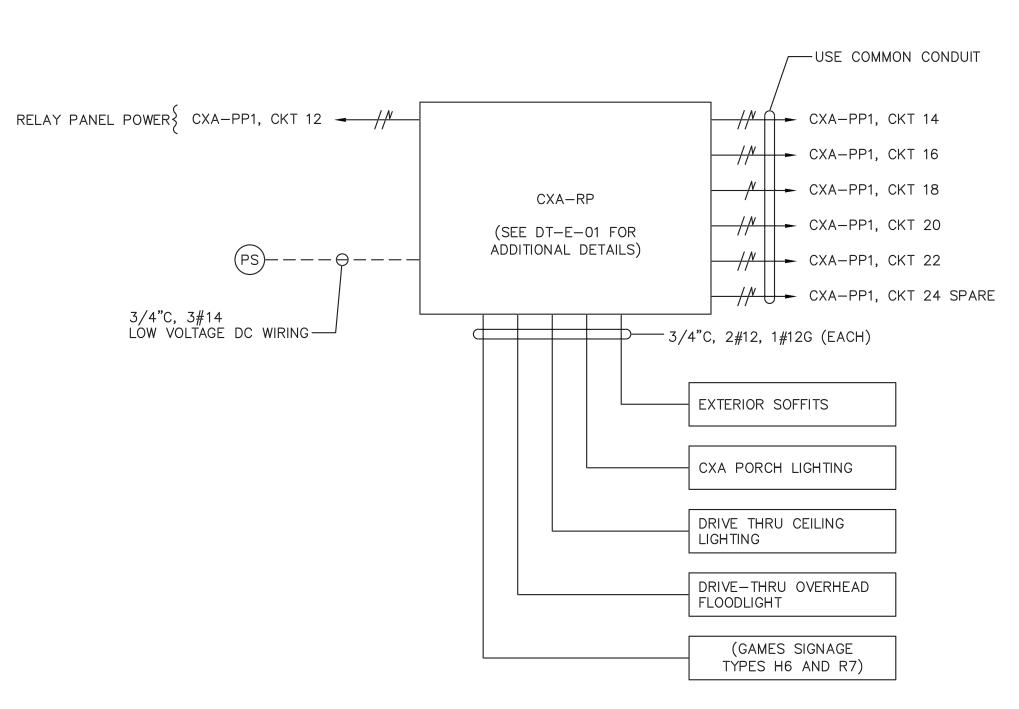
CONTRACT NUMBER SHEET NUMBER WESTCHESTER COUNTY, NEW YORK AS BUILT — CHANGES AS NOTED AS BUILT — NO CHANGES 22-523 CXA-E-08 Savin Engineers, P.C. DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING DWG NO.: SCALE: **AS SHOWN 64** CONTRACTOR PROJECT COORDINATOR INFRASTRUCTURE REHABILITATION - PHASE 3 PLAYLAND PARK, RYE, NEW YORK DATE: **8/23/2022** CROSS AXIS BUILDING A
ROOF LIGHTING AND LIGHTNING PROTECTION PLAN TITLE \_\_\_\_\_ DATE \_\_\_\_\_ DPW FILE NUMBER 1-118-E-920-0 REVISION

Projectname: 211001F02 Comments: ———
Ted by: MGodby Date: 26 August 2022 3:34 PM Designed by: ———
TB\_24x36\_WestchesterCo\_3.dwg] [TSG-SVL0G0.dwg] [CXA-A-13.dwg] [CXA-E-1006.dwg

	PANELBOARD: CXA-PP1					LOCATION: ELECTRICAL ROOM							
1	NEMA RATING		3	POLES	3	MOUNTI	OUNTING: SURFACE						
225	AMP BUS RATING	175 AMP MAIN BREAKER	42	KA SH	ORT CIR	CUIT RATING							
208Y/120	VOLTS	3 PHASE 4 WIRE					LECT	RONIC GRADE:	NO				
CIRCUIT NO.	DESCRIPTION	LOAD KVA PHASE PHASE PHASE A B C	BREAKER AMPS / POLES	NOTES	CIRCUIT NO.	DESCRIPTION		LOAD KVA E PHASE PHASE B C	BREAKER AMPS / POLES				
1	VENDOR SPACE 1 RECEPT.	0.5	20/1		2	VENDOR SPACE 2 RECEPT.	0.5	В	20/1				
3	VENDOR SPACE 1 RECEPT.	0.5	20/1		4	VENDOR SPACE 2 RECEPT.		0.5	20/1				
5	ROLL-UP DOOR		20/1		6	ROLL-UP DOOR		1	20/1				
7	SPARE	-	20/1		8	SPARE	_		20/1				
9	SPARE		20/1		10	SPARE		-	20/1				
11	SPARE	-	20/1		12	POWER TO CXA-RP (120V)		0.5	20/1				
13	VENDOR SPACE LTG	0.2	20/1		14	CXA-RP	0.5		20/1				
15	SPARE	<b>-</b>	20/1		16	CXA-RP		0.5	20/1				
17	SPARE	-	20/1		18	CXA-RP		0.5	20/1	T			
19	SPACE				20	CXA-RP	0.5		20/1	T			
21	SPACE				22	CXA-RP		0.5	20/1				
23	SPACE				24	CXA-RP - SPARE			20/1	T			
25	SPACE				26	SPARE			20/1				
27	SPACE				28	SPACE				T			
	SPACE				30	SPACE							
	SPACE				32	SPACE				T			
	SPACE				34	SPACE			***************************************	T			
	SPACE				36	SPACE				T			
	SPACE				38	SPACE				T			
	SPACE				40	SPACE							
	SPACE				42	SPACE				T			
	TOTAL PHASE KVA THIS SIDE	0.7 0.5 1				TOTAL PHASE KVA THIS SIDE	1.5	1.5 2					
			1			TOTAL KVA PER PHASE	2.2	2 3					
						TOTAL THREE PHASE KVA		7.2					
NOT	ES:				NOTES C	<u> </u>		, , ,					
1.					5.								
2.					6.								
3.					7								
Δ.					Q.								

#### NOTES:

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



#### CXA — EXTERIOR LIGHTING WIRING DETAIL

CXA-RP	LOCATION: CXA ELECTRI	CAL CLOSET
CKT NO	DESCRIPTION	NOTES
1	EXTERIOR SOFFITS	
2	CXA PORCH LIGHTING	
3	DRIVE THRU CEILING LIGHTING	
4	DRIVE THRU OVERHEAD FLOODLIGHT	
5	GAMES SIGNAGE	
6	SPARE	
7	SPARE	
8	SPARE	

	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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rester	CONSULTANT INFORMATION	
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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** PLAYLAND PARK, RYE, NEW YORK **CROSS AXIS BUILDING A** 

PANEL SCHEDULES

CONTRACT NUMBER	SHEET NUMBER						
22-523	CXA-E-0	9					
DWG NO.:							
SCALE: AS SHOW	1664						
DATE: <b>8/23/2022</b>							
DPW FILE 1-118-E-	921-0	REV.	0				

#### **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
- 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:**

1. DEMOLISH EXISTING FIRE ALARM DEVICES AND ASSOCIATED WIRING BACK TO SOURCE.

NFORMATION

- 2. PROVIDE NEW FIRE ALARM SYSTEM WITH SUBPANEL AS PER DRAWINGS. COORDINATE LOCATION WITH FIELD CONDITIONS AND ARCHITECT. PROVIDE ALL NECESSARY WIRING, CONNECTIONS, CONDUIT, AND FITTINGS.
- 3. PROVIDE NEW FIRE ALARM DEVICES AS PER DRAWINGS. PROVIDE ALL NECESSARY WIRING, CONNECTIONS, CONDUIT, AND FITTINGS.
- 4. CONNECT FIRE ALARM DEVICES AND SIGNAL TO NEW FIRE ALARM SUBPANEL. CONNECT SUBPANEL TO CENTRAL FIRE ALARM CONTROL PANEL IN MAIN ADMINISTRATION BUILDING VIA QUAD 4. PROVIDE ALL REQUIRED PROGRAMMING.
- 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.
- 6. 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.
- 7. 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:

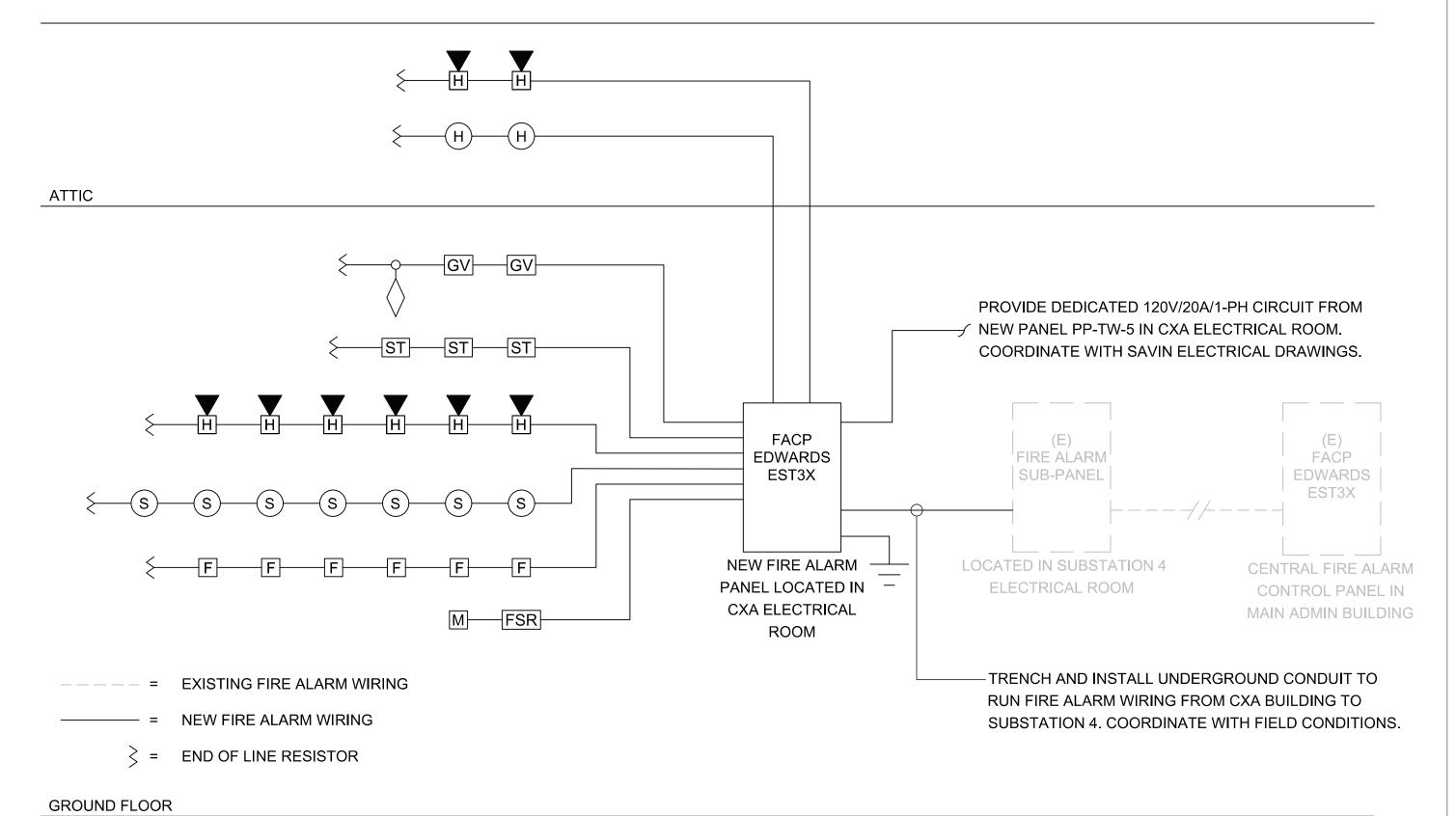
- 1. LOCATION OF DEVICES AND EQUIPMENT ARE APPROXIMATE. FINAL LOCATIONS MUST BE DETERMINED ACCORDING TO THE SITE CONDITIONS.
- 2. VISUAL FIRE ALARMS (STROBES) SHALL HAVE MINIMUM 5'-0" CLEARANCE FROM ANY OBSTRUCTIONS, SHALL BE FIELD ADJUSTABLE, AND SHALL BE RATED AT 75 CANDELA MINIMUM, UNLESS OTHERWISE 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
- 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.

NEUTRAL BAR.

- 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
$\Theta$	HEAT DETECTOR
F	MANUAL FIRE ALARM PULL STATION
#	FIRE ALARM WALL MOUNTED HORN/STROBE # = CANDELA RATING
ST #	WALL MOUNTED STROBE # = CANDELA RATING
$\Diamond$	FLOW SWITCH CONNECTED TO FIRE ALARM SYSTEM
GV	SPRINKLER VALVE TAMPER SWITCH CONNECTED TO FIRE ALARM SYSTEM
M	FIRE ALARM MONITORING RELAY
FSR	FIRE ALARM INTERFACE RELAY FOR HVAC FAN SHUTDOWN

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



#### 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.

# 1 FIRE ALARM RISER DIAGRAM SCALE: NOT TO SCALE

										SYSTE	M OUTF	PUTS							
			Contro	ol Unit	Annun	ciation			Notification										
		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	AUTOMATIC SHUTOFF OF EXHAUST FAN
	EVENT	A	В	С	D	E	F	G	Н		J	K	L	М	N	0	Р	Q	S
1	ACTIVATION OF MANUAL PULL STATION	X	X					X	Х		X								
2	ACTIVATION OF SMOKE DETECTOR	X	X					X	X	X								X	<u> </u>
3	ACTIVATION OF DUCT MOUNTED SMOKE DETECTOR	X	X					X	X	X								X	
4	ACTIVATION OF HEAT DETECTOR	X	X					X	Х	X								Х	
5	WATERFLOW SWITCH FOR FIRE SPRINKLER SYSTEM	X	X					X	X			X						X	
6	ACTIVATION OF CARBON MONOXIDE DETECTOR			X	Х			X	Х					X		X	Х		
7	SPRINKLER VALVE (TAMPER SWITCH)			Х	Х				Х				X						
8	FIRE ALARM LOSS OF PRIMARY/SECONDARY POWER					Х	Х		Х						Х				
9	FIRE ALARM SYSTEM WIRING FAILURE					Х	Х		Х						Х				
10	FIRE DAMPER (MONITORING RELAY)			X	Х								Х						X

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

CONSULTANT SEAL							RECORD DR	RAWING	C ERTIFIC ATION		WESTCHESTER COUNTY, NEW YORK	C ONTRACT NUMBER	SHEET NUMBER
TI WENT OF								DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION	22-523	CXA-FA-01			
											DIVISION OF ENGINEERING	DWG NO.: 173 of 664	
	347					CONTRACTOR			PROJECT COORDINATOR		INFRASTRUCTURE REHABILITATION - PHASE 3	SCALE: As indi	dicated
SOFESSIONA OF						SIGNATURE			SIGNATURE		PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING A	DATE: 08/23/20	022
The state of the s	REVISION NUMBER	DATE MADE APP'D BY BY		REVISION	-	TITLE	DATE		TITLE	DATE	FIRE ALARM NOTES, SYMBOLS, LEGEND, AND RISER DIAGRAM	DPW FILE 1-118	18-FA-922-0 REV. NO. 0

# EXISTING FIRE HYDRANT TO REMAIN DEMOLISH STRUCTURE ENTIRELY INCLUDING FOUNDATIONS AND FOOTINGS - COMPRESSOR DRIVEWAY REMOVE ALL WALL AND CEILING FINISHES, AND FLOOR BOARDS TO EXPOSE FRAMING REMOVE ALL WALL AND CEILING FINISHES, AND FLOOR BOARDS TO EXPOSE FRAMING -TYP. ALL BOARDWALK 1 FIRE ALARM FIRST FLOOR DEMOLITION PLAN SCALE: 1/4" = 1'-0" RECORD DRAWING CERTIFICATION AS BUILT — CHANGES AS NOTED AS BUILT — NO CHANGES LiRo Engineers, Inc. A LiRo Group Company Syosset, N.Y. 516-214-8157[T]

REVISION

MADE APP'D BY BY

CONTRACTOR

PROJECT COORDINATOR

CONSULTANT INFORMATION

#### FIRE ALARM DEMOLITION NOTES:

- 1 NO EXISTING FIRE ALARM DEVICES WERE NOTED DURING BUILDING SURVEY WITHIN THE INDICATED AREA. ANY ABANDONED DEVICES OR WIRING DISCOVERED DURING THE COURSE OF DEMOLITION SHALL BE REMOVED.
- 2 EXISTING TAMPER AND WATER FLOW SWITCHES AT EXISTING SPRINKLER VALVE ASSEMBLY TO BE DISCONNECTED AND REMOVED. DEMOLISH ALL WIRING BACK TO ORIGINATING FIRE ALARM CONTROL PANEL.

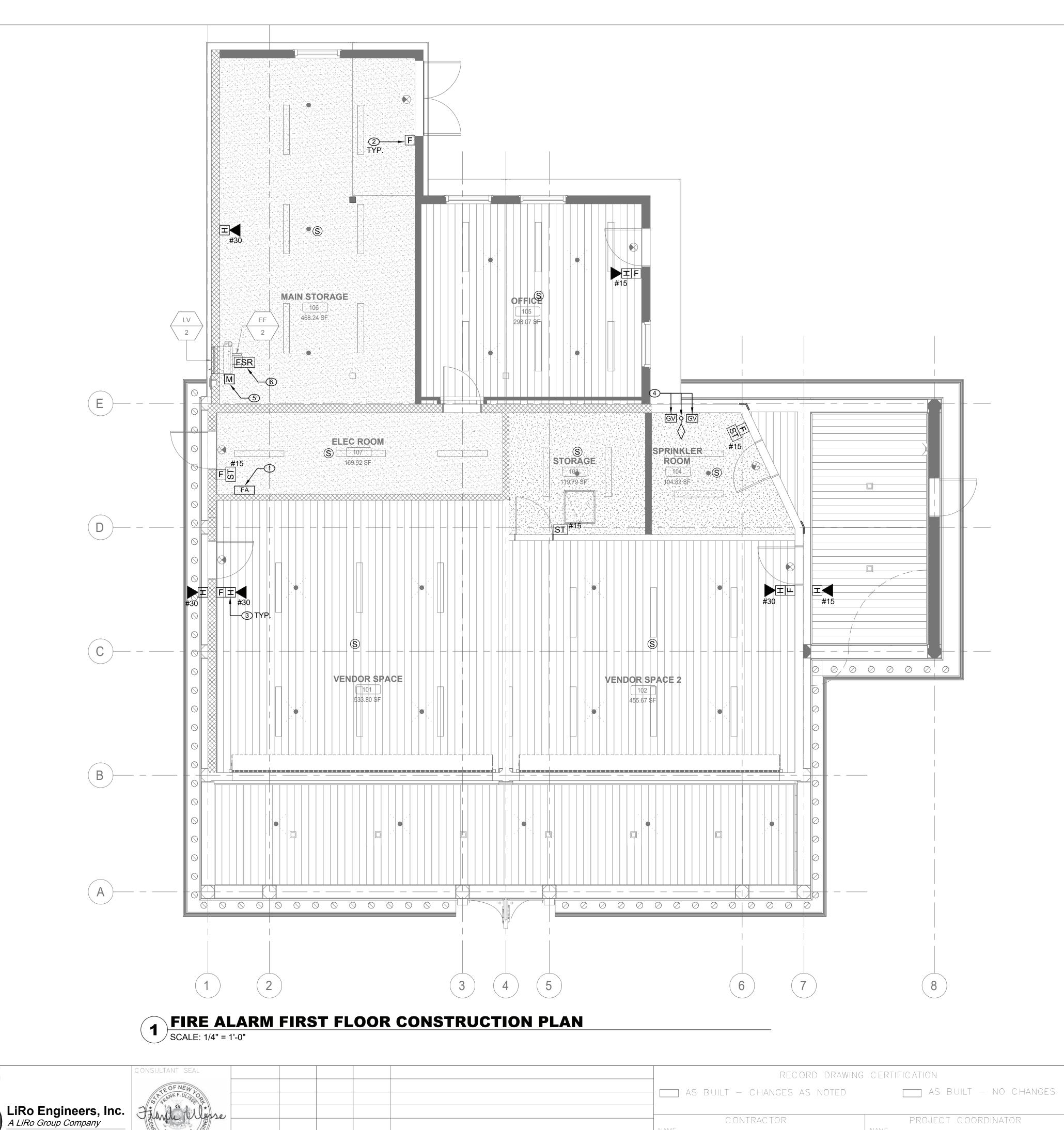
CONTRACT NUMBER SHEET NUMBER WESTCHESTER COUNTY, NEW YORK 22-523 CXA-FA-11 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING DWG NO.: **174 of 664** As indicated **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK 08/23/2022 CROSS AXIS BUILDING A DPW FILE **1-118-FA-923-0** FIRE ALARM FIRST FLOOR DEMOLITION PLAN

# DEMOLISH STRUCTURE ENTIRELY DEMOLISH DRIVE-THROUGH ENTIRELY -<u>C</u> B 1 FIRE ALARM ATTIC DEMOLITION PLAN SCALE: 1/4" = 1'-0"

#### FIRE ALARM DEMOLITION NOTES:

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

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LiRo Engineers, Inc.  A LiRo Group Company					NIAAAF	CONTRACTOR		ECT COORDINATOR	INFRASTRUCTURE REHABILITATION - PHASE 3	SCALE: As indica	ated
Syosset, N.Y. 516-214-8157[T]		DA OFFSSIONAL			NAME		NAME SIGNATURE		PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING A	DATE: <b>08/23/2022</b>	-
	1300	REVISION DATE MADE	APP'D	REVISION	TITLE	DATE	TITLE	DATE	FIRE ALARM ATTIC DEMOLITION PLAN	DPW FILE 1-118-FA	FA-924-0 REV



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CONTRACTOR

PROJECT COORDINATOR

CONSULTANT INFORMATION

#### CONTRACT NUMBER SHEET NUMBER WESTCHESTER COUNTY, NEW YORK 22-523 CXA-FA-21 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING DWG NO.: 176 of 664 As indicated **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK 08/23/2022 **CROSS AXIS BUILDING A** FIRE ALARM FIRST FLOOR PLAN 1-118-FA-925-0

#### FIRE ALARM CONSTRUCTION NOTES:

- (1) INSTALL NEW FIRE ALARM CONTROL PANEL TO SERVE CXA BUILDING AND DRAGON COASTER VENDOR SPACES. EDWARDS EST 3X-SFS1R OR APPROVED EQUAL, PER PARK STANDARDS OR AS SPECIFIED BY WITH PARKWIDE FIRE ALARM SYSTEM VENDOR (EST). NEW PANEL SHALL BE CONNECTED TO PARKWIDE SYSTEM AND TESTED IN COORDINATION WITH SYSTEM VENDOR.
- (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.
- 4 PROVIDE TAMPER AND WATERFLOW SWITCHES FOR NEW SPRINKLER VALVE ASSEMBLIES AND CONNECT TO EXISTING FIRE ALARM SYSTEM. COORDINATE LOCATION AND QUANTITY WITH FIRE PROTECTION DRAWINGS AND SPRINKLER SYSTEM INSTALLER.
- (5) INSTALL FIRE ALARM MONITORING RELAY MODULES AT NEW FIRE DAMPER. MONITORING MODULES SHALL TRANSMIT SIGNAL TO FIRE ALARM CONTROL PANEL IN EVENT OF FIRE DAMPER CLOSURE BY FUSIBLE LINK.
- (6) PROVIDE FAN SHUTDOWN RELAYS FOR EXHAUST FAN, INTERLOCK WITH ASSOCIATED FIRE DAMPER. EXHAUST FANS SHALL AUTOMATICALLY SHUT OFF IN EVENT OF FIRE DAMPER CLOSURE BY FUSIBLE LINK. PROVIDE WIRING AND PROGRAMMING FOR UNIT SHUTDOWN.

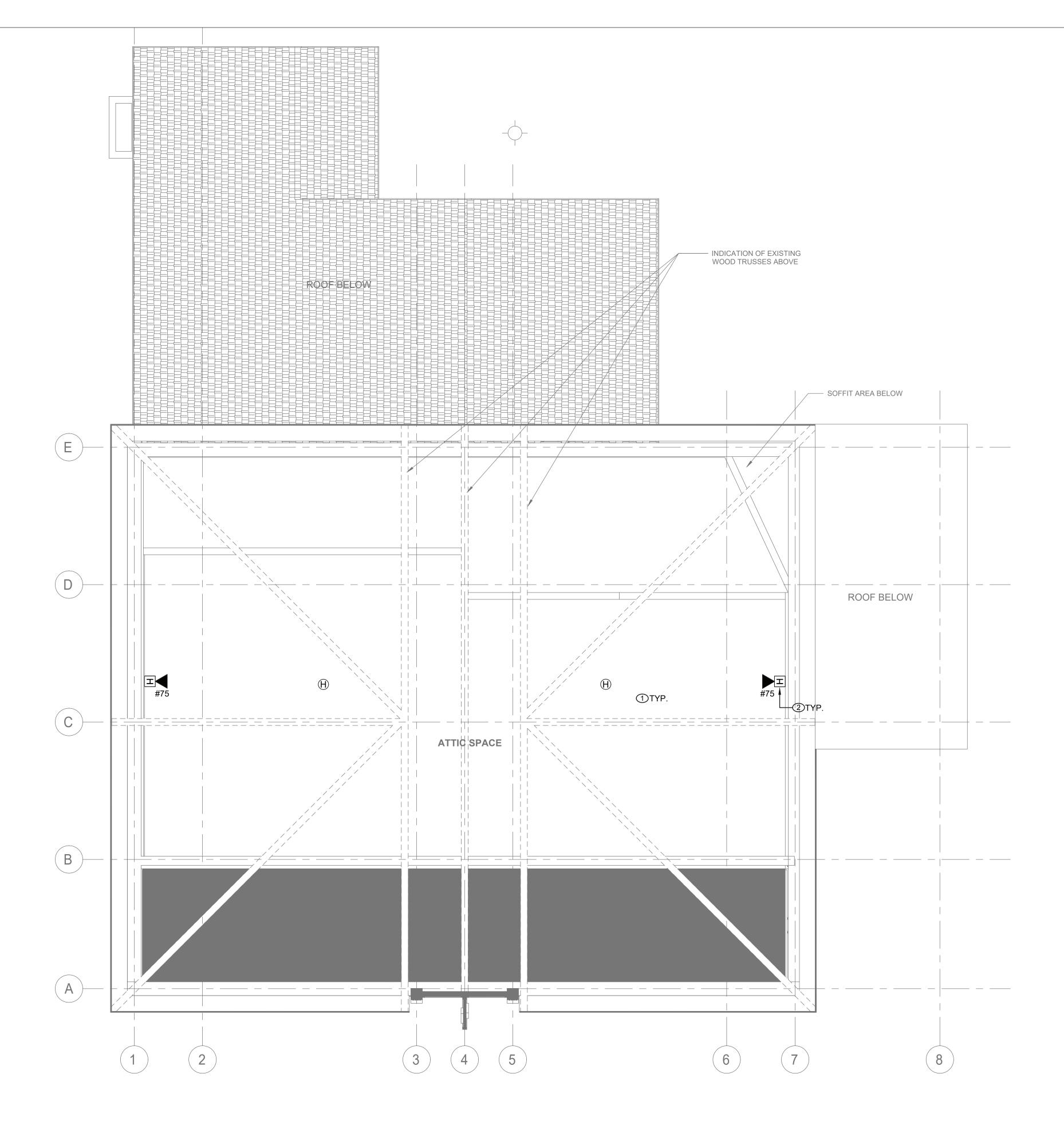
#### **FIRE ALARM GENERAL NOTES:**

- 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.

RATING TO FULL DEPTH OF OPENING.

- 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
- 11. CONTRACTOR SHALL PROVIDE SLEEVE FOR CONDUIT PENETRATIONS THROUGH WALL AND CEILING FLOORS.



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

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RECORD DRAWING	C ERTIFIC ATION
AS BUILT — CHANGES AS NOTED	AS BUILT — NO CHANGES
CONTRACTOR	PROJECT COORDINATOR

DIVISION OF ENGINEERING

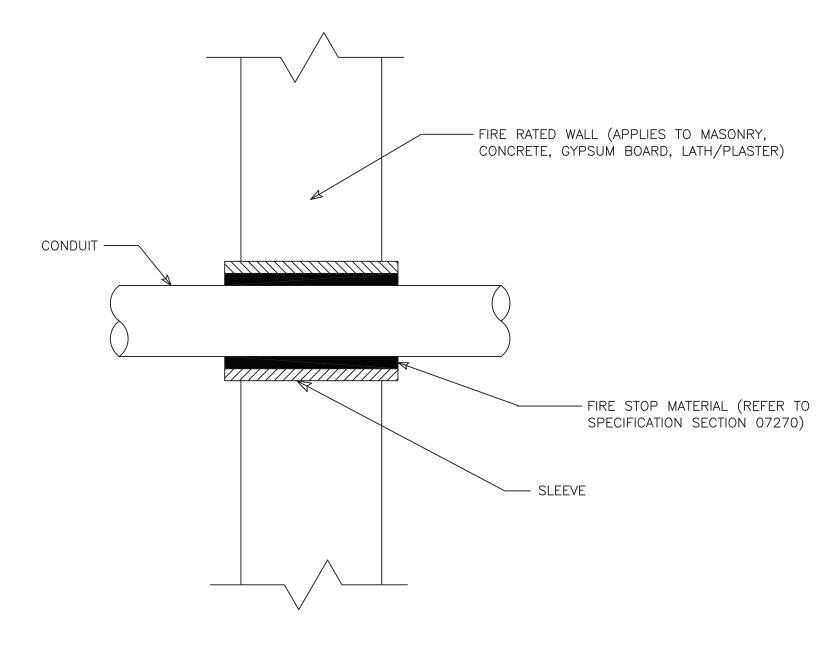
#### SHEET NUMBER CONTRACT NUMBER WESTCHESTER COUNTY, NEW YORK 22-523 CXA-FA-22 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DWG NO.: 177 of 664 SCALE: As indicated **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK 08/23/2022 CROSS AXIS BUILDING A FIRE ALARM ATTIC PLAN DPW FILE 1-118-FA-926-0

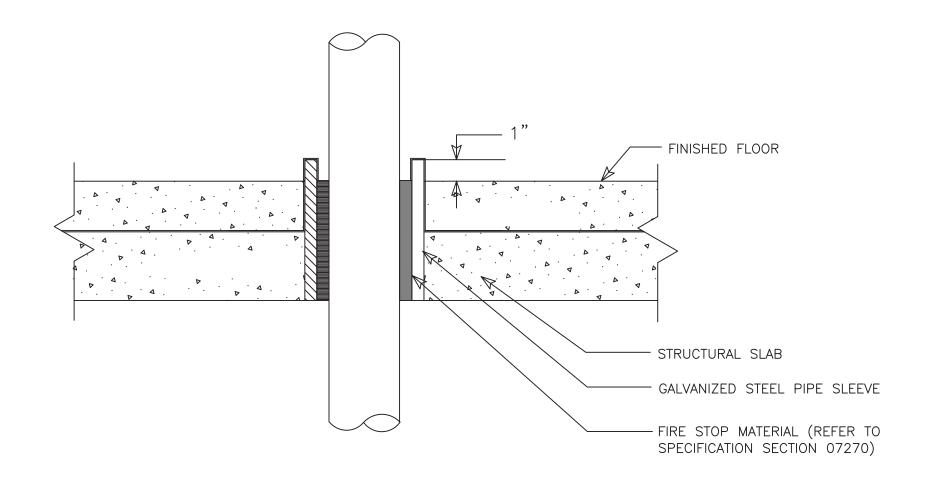
#### FIRE ALARM CONSTRUCTION NOTES:

- ① CONNECT NEW FIRE ALARM DEVICES TO PANEL IN CXA ELECTRICAL ROOM.
- ② FIRE HORN STROBES SHALL BE FIELD ADJUSTABLE AND SET CANDELA RATING INDICATED ON PLAN. FIRE ALARM 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
- 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
- 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.



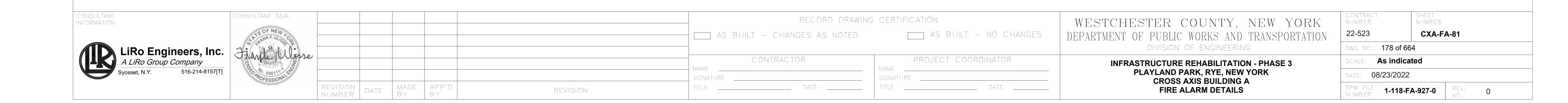


2 CONDUIT PENETRATION THRU FLOOR SLAB

NOT TO SCALE

CONDUIT PENETRATION THRU FIRE RATED WALL

NOT TO SCALE



#### **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:

- 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.
- 4. FOR ALL UTILITIES, CONTRACTOR SHALL VERIFY DISCONNECT PRIOR TO DEMOLITION.

5. 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 SPECIFICATIONS.
- 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:

AND CONSTRUCTION PHASES.

- 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.
- REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING INFORMATION.
   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).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 POLLUTION 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
- 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.
- 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
- 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 CURRENT NYS SOIL EROSION AND SEDIMENT CONTROL PRACTICES.
- 14. CONTRACTOR SHALL OBTAIN ALL REQUIRED SEDIMENT CONTROL PERMITS.

REVIEW AND SUBMITTAL TO WESTCHESTER COUNTY AND THE ENGINEER.

CONSTRUCTION.

PLAN (SWPPP).

STREETS. PAVED ROADS SHALL BE SPRINKLED WITH WATER.

- 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
- 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
- 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.
- CONSTRUCTION AND WILL INCLUDE THE TREE CANOPY.

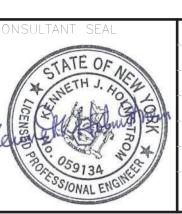
  26. COMPLY WITH GENERAL PERMIT GP-0-20-001. AS OUTLINED IN THE STORM WATER PREVENTION

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

LiRo Engineers, Inc.

A LiRo Group Company

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



REVISION DATE MADE BY BY REVISION

\_\_\_ AS BUILT — CHANGES AS NOTED

CONTRACTOR

RECORD DRAWING CERTIFICATION

PROJECT COORDINATOR

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

INFRASTRUCTURE REHABILITATION PHASE 3

PLAYLAND PARK, RYE, NEW YORK

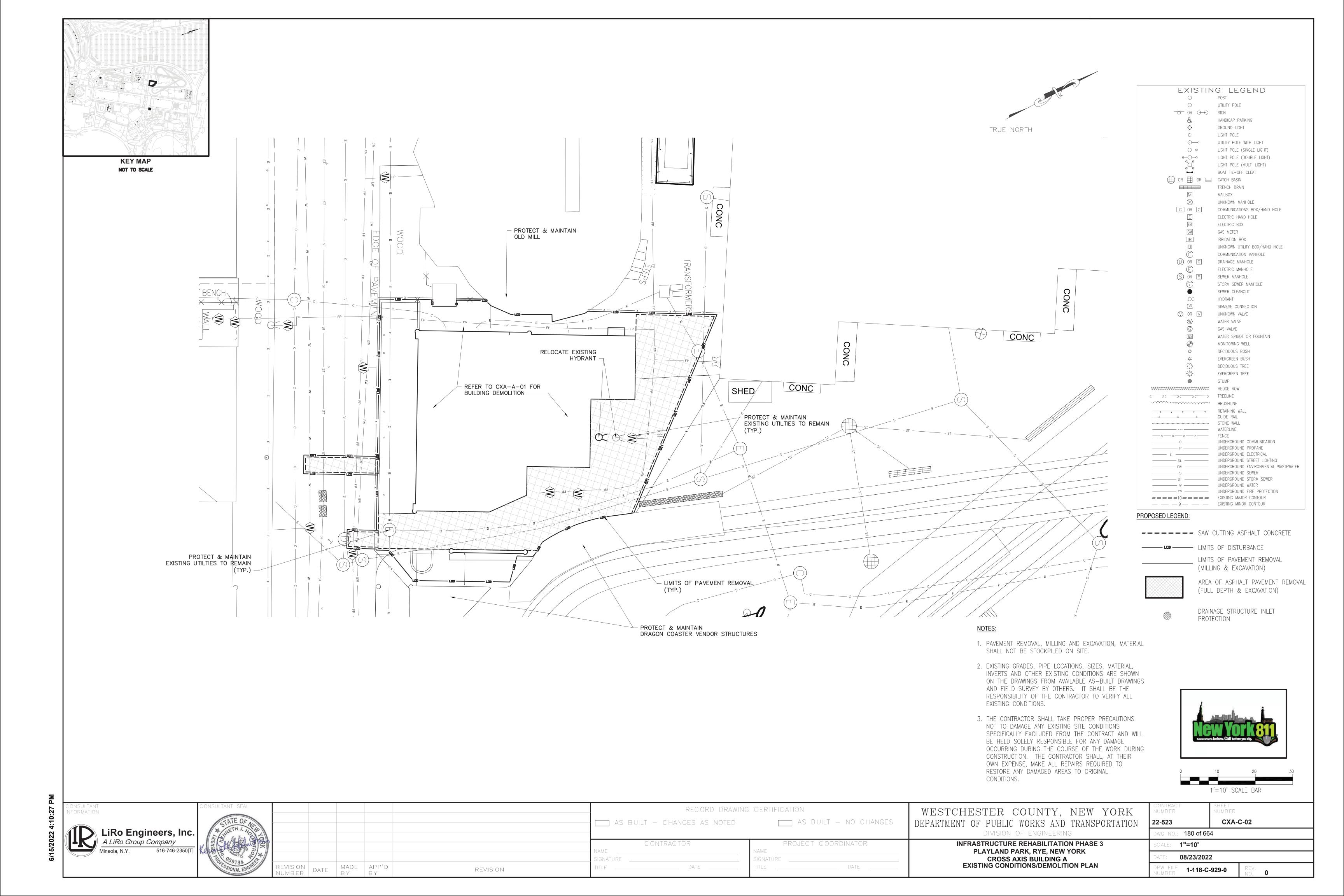
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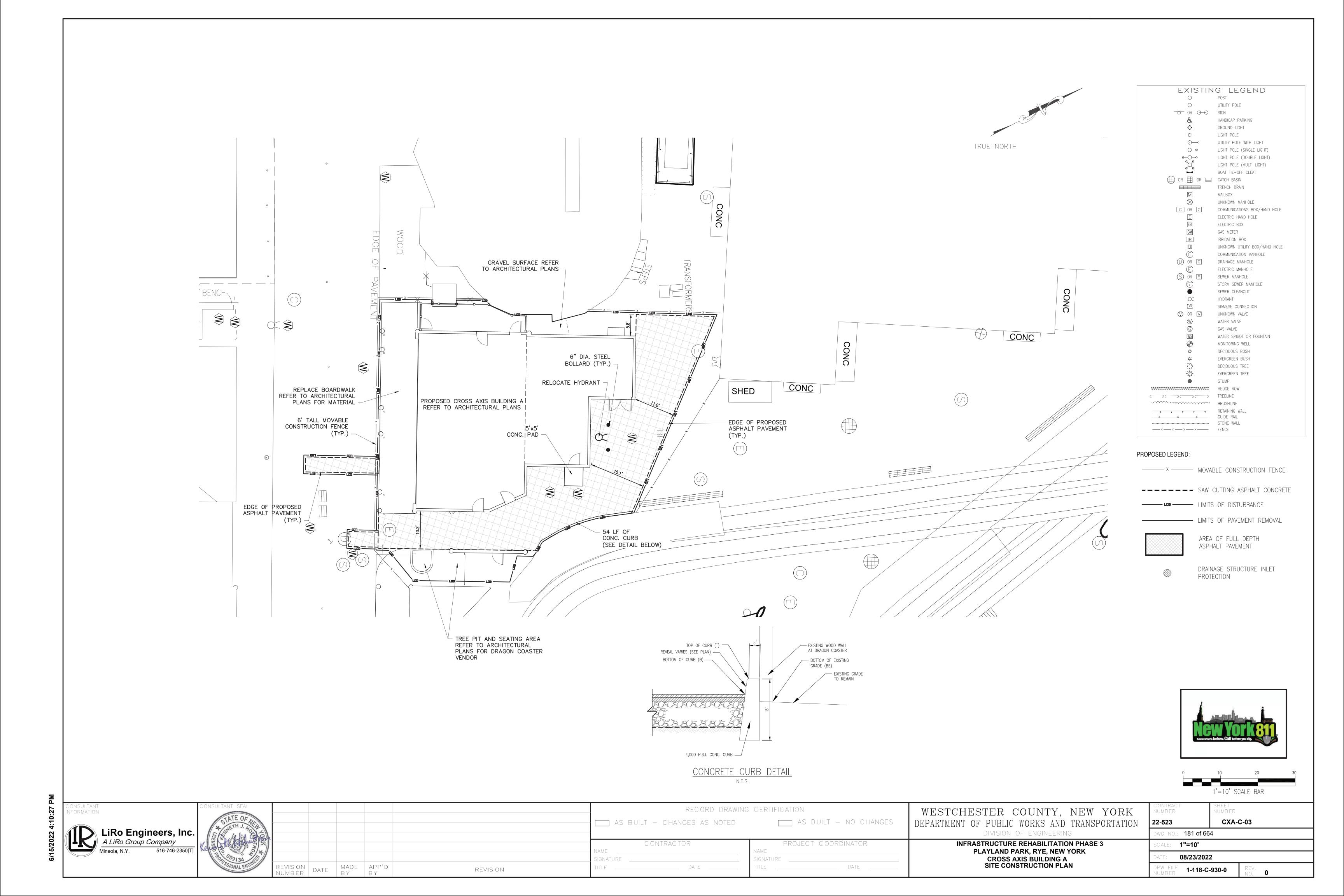
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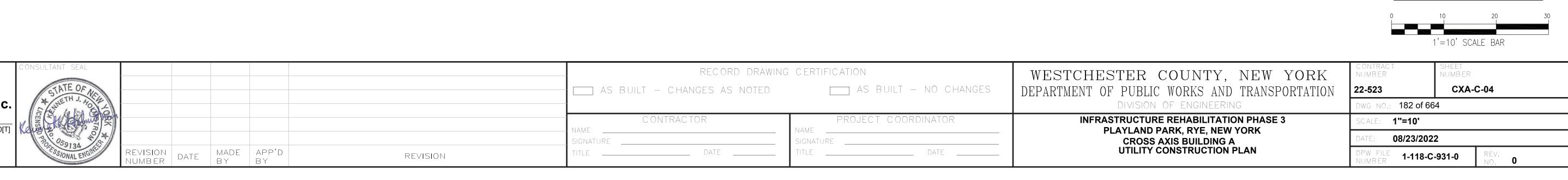
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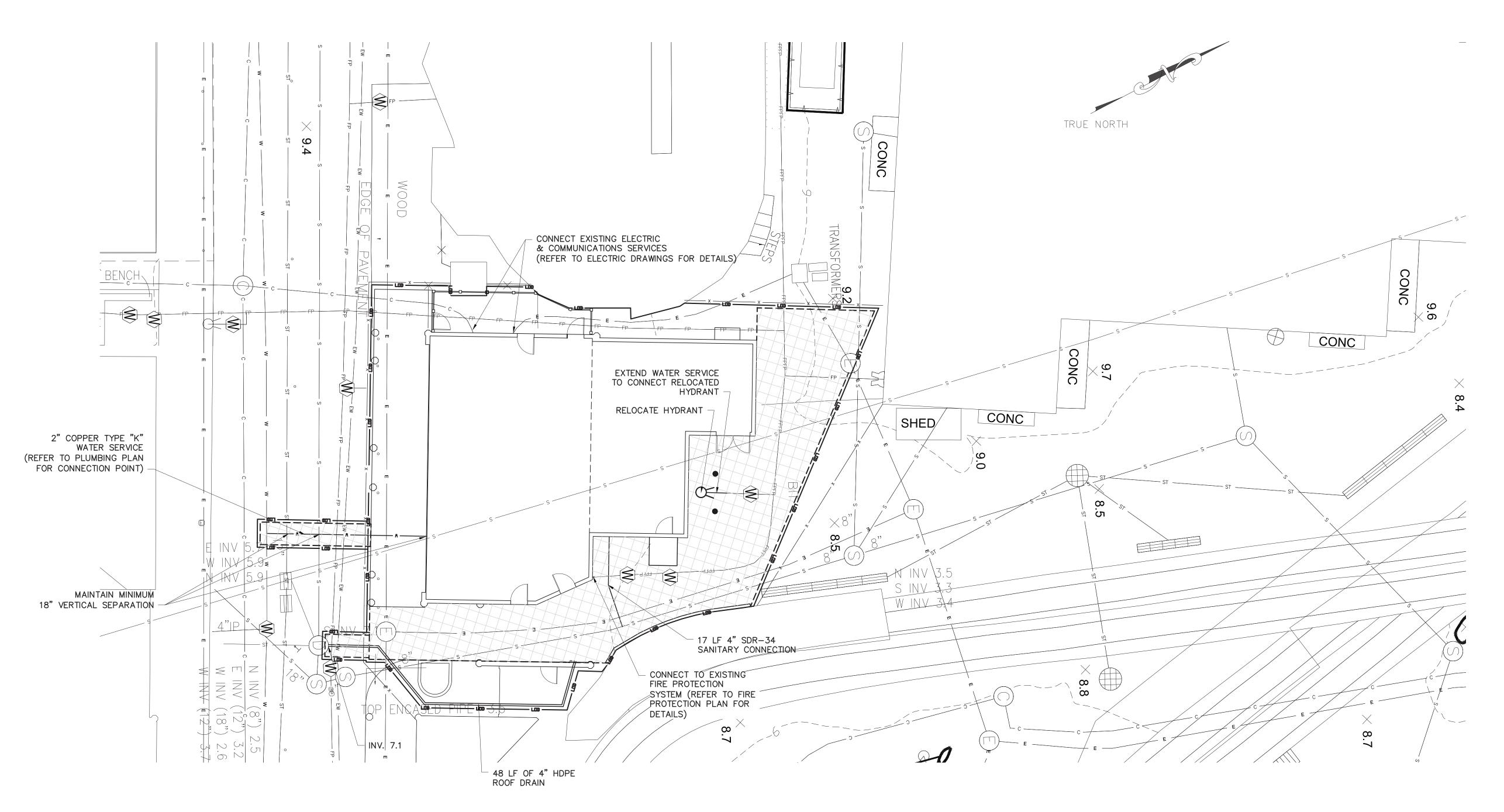
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---- SAW CUTTING ASPHALT CONCRETE

----- LIMITS OF DISTURBANCE LIMITS OF PAVEMENT REMOVAL

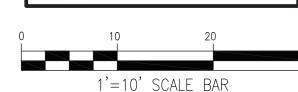
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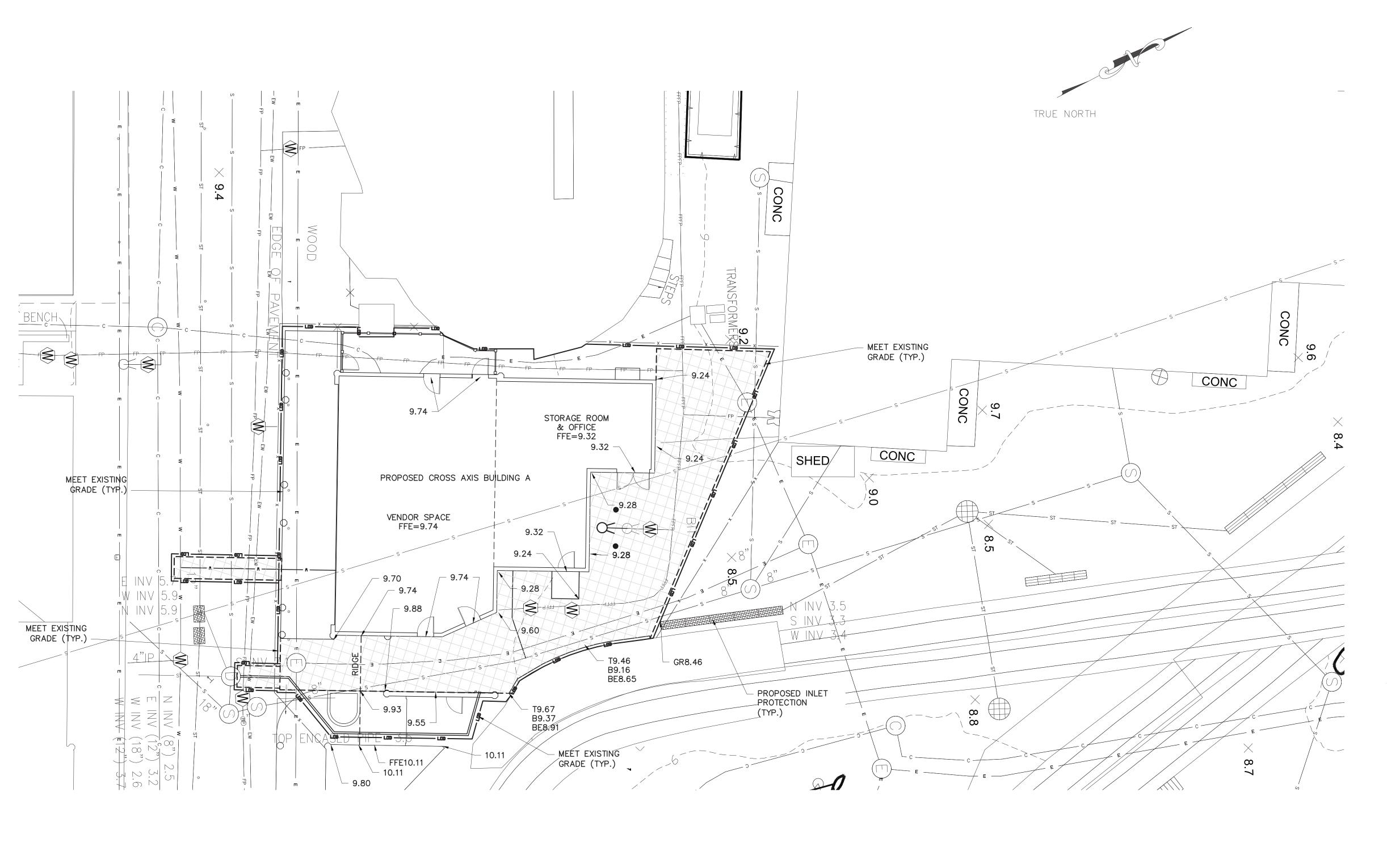
- PROPOSED WATER LINE PROPOSED CATCH BASIN

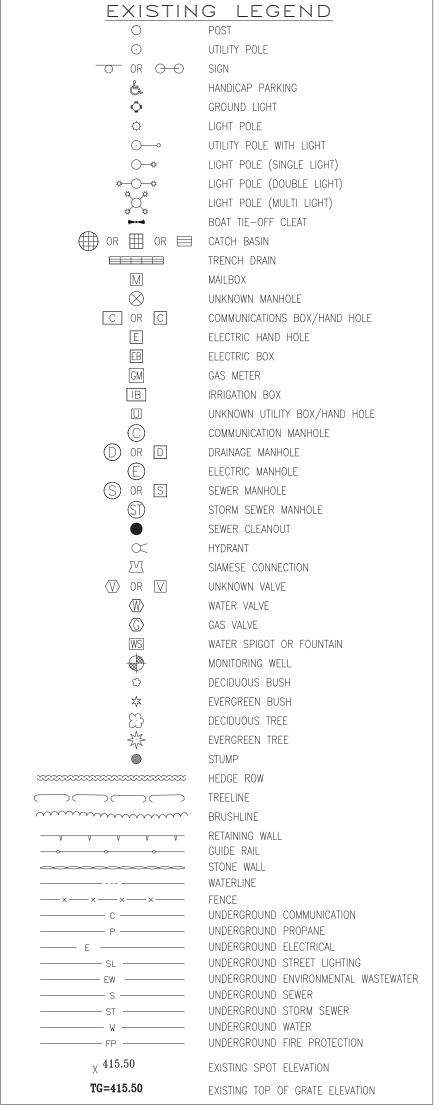
PROPOSED STORM PIPE

PROPOSED SANITARY MANHOLE PROPOSED SANITARY PIPE







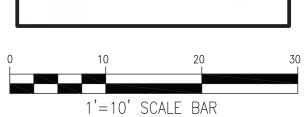


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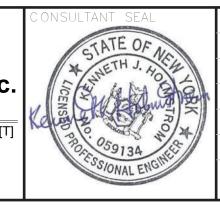
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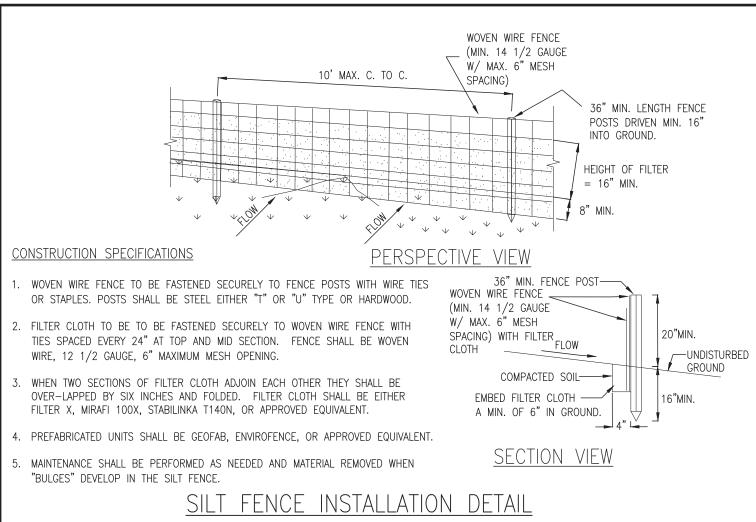
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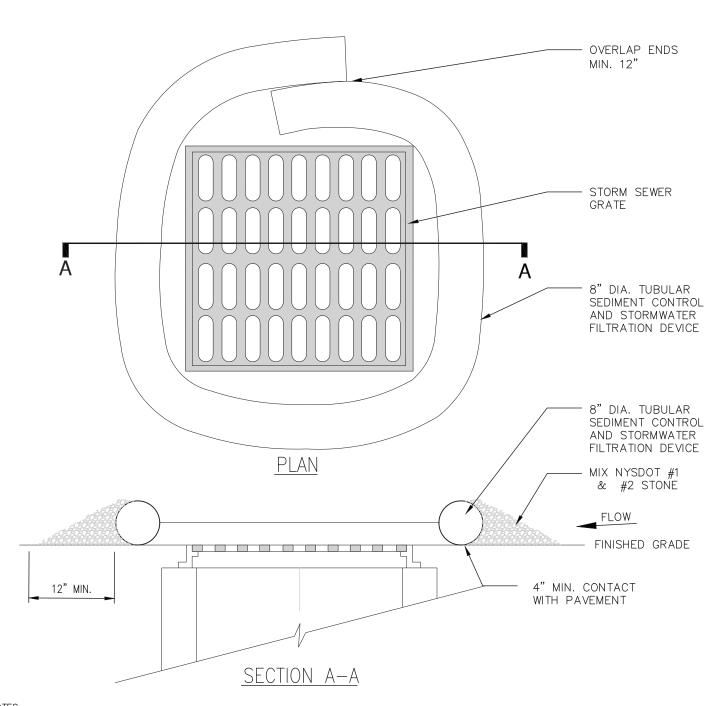
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION PHASE 3** PLAYLAND PARK, RYE, NEW YORK CROSS AXIS BUILDING A GRADING AND EROSION CONTROL PLAN

CONTRACT	SHEET
NUMBER <b>22-523</b>	NUMBER  CXA-C-05
DWG NO.: 183 of 66	4
SCALE: 1"=10'	

08/23/2022 1-118-C-932-0





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

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

#### 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.

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 (7) DAYS.

### PHASING OF EROSION AND SEDIMENT CONTROL PRACTICES:

OWNERS REPRESENTATIVE AND DESIGNER TO DISCUSS THE STORM WATER POLLUTION PREVENTION PLAN.

1. PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES ON THE SITE, THE CONTRACTOR SHALL MEET WITH THE PRIOR TO COMMENCING ANY EXCAVATION PROCEDURES, INSTALL SILT FENCE AS SHOWN ON THE PLANS.

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

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

INSTALL STABILIZED CONSTRUCTION ENTRANCE.

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

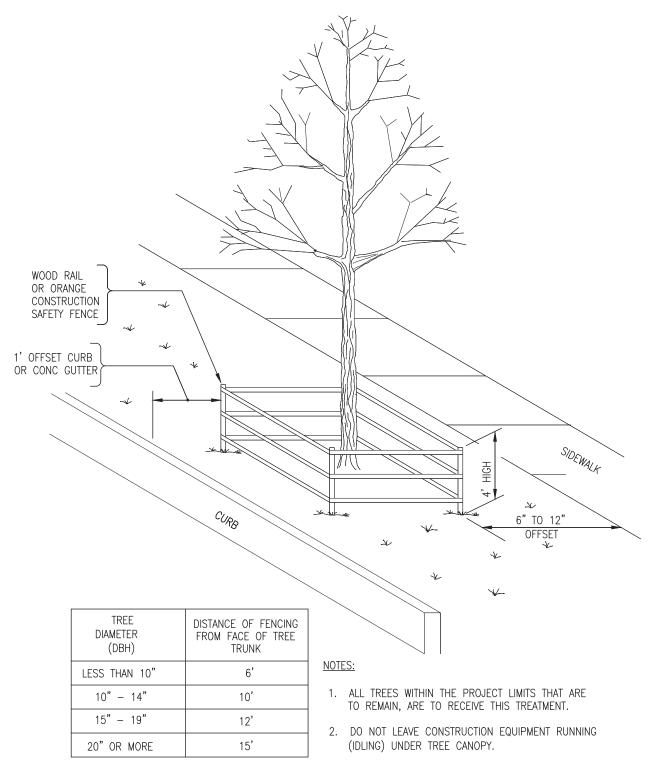
ACCEPTABLE VEGETATION ESTABLISHMENT IN ACCORDANCE WITH SPECIFICATIONS. 2. DRAINAGE STRUCTURES AND PIPING SHALL BE CHECKED FOR CLOGGING AND SEDIMENT ACCUMULATION AND

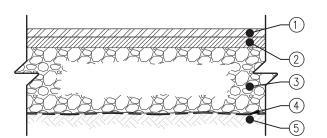
#### MAINTENANCE OF PERMANENT STORMWATER

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





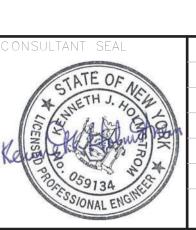
- 2" TOP COURSE, 12.5 F2 TOP COURSE HMA, 80 SERIES COMPACTION NYSDOT ITEM 402.128204
- 2" BINDER COURSE, 25 F9 BINDER COURSE HMA, 80 SERIES COMPACTION NYSDOT ITEM 402.258904
- 4" SUBBASE COURSE, SUBBASE COURSE, TYPE 2 NYSDOT ITEM 304.12
- (4) GEOTEXTILE SEPARATION NYSDOT ITEM 207.21
- (5) COMPACTED SUBGRADE

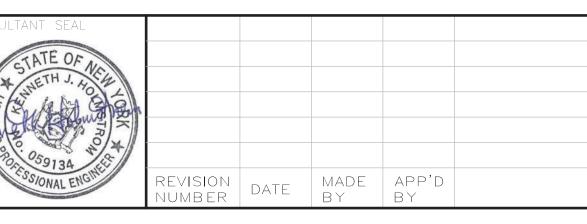
#### NOTES:

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

ASPHALT PAVEMENT SECTION N.T.S.







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REVISION	NAME SIGNATUF TITLE



