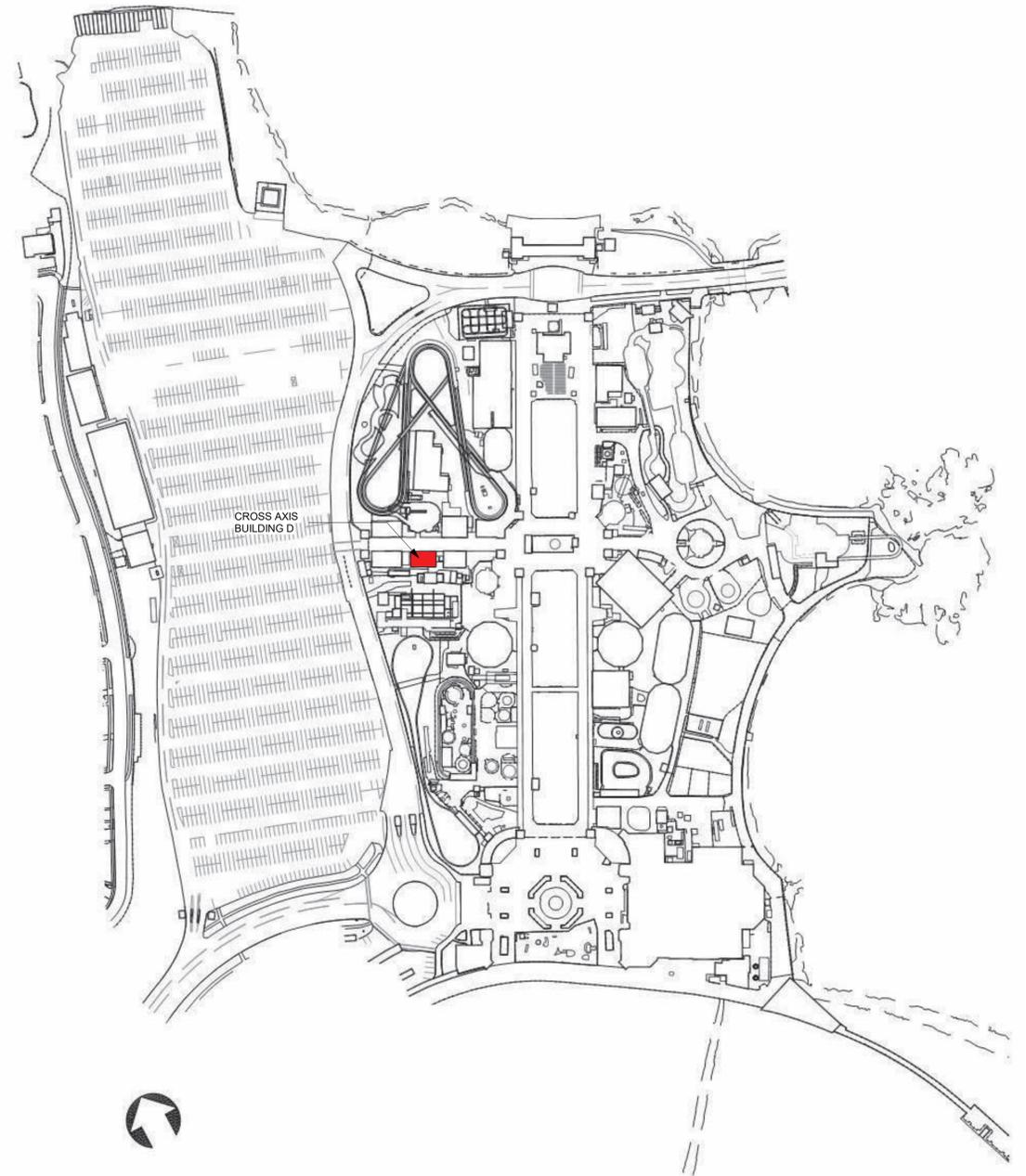


1 CXD - BUILDING AXONOMETRIC



KEY MAP  
SCALE: N.T.S.

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CONSULTANT INFORMATION



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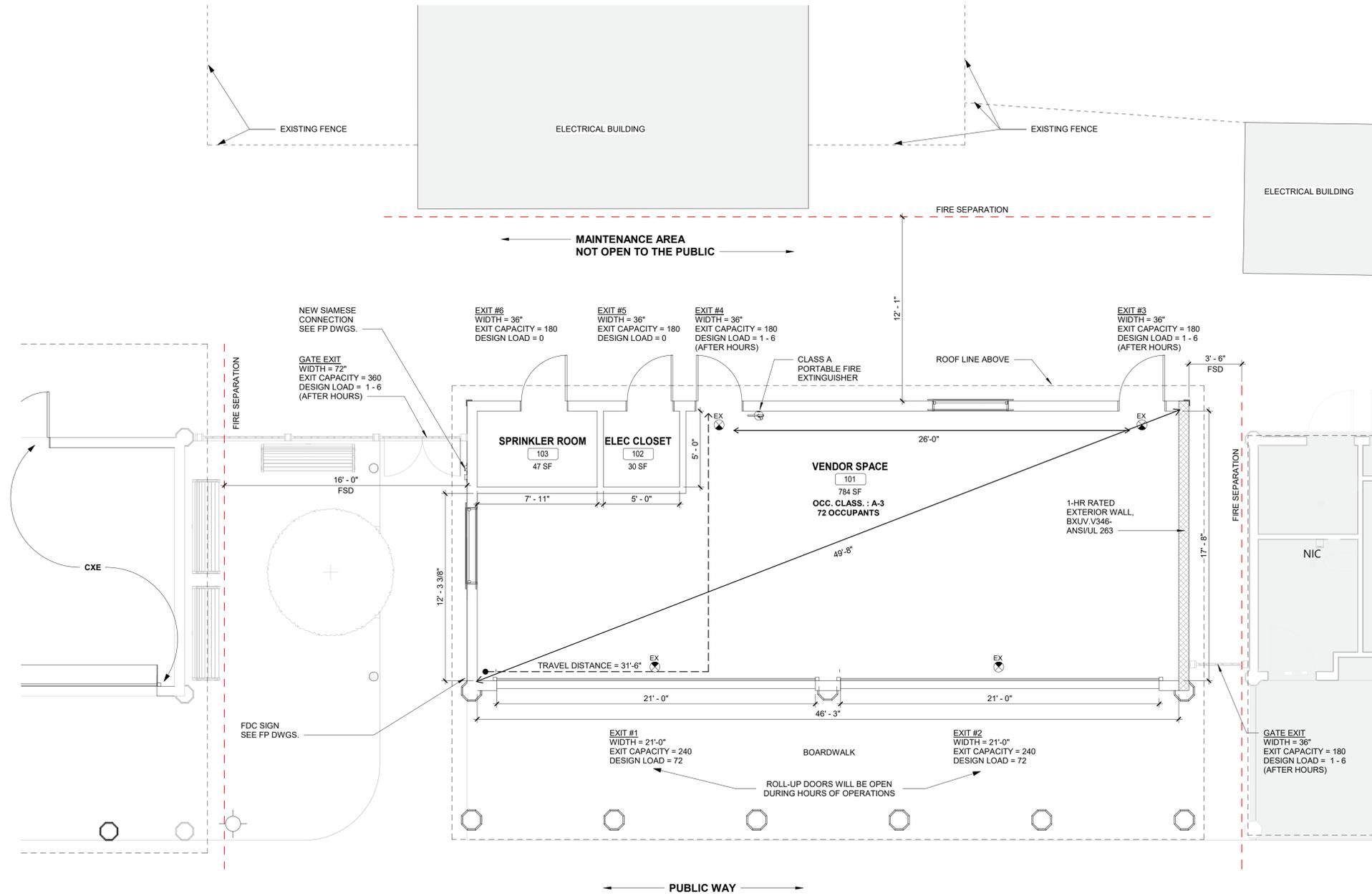
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CONTRACTOR  
NAME \_\_\_\_\_  
SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_  
TITLE \_\_\_\_\_

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

WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
DIVISION OF ENGINEERING  
**INFRASTRUCTURE REHABILITATION PHASE 3**  
**PLAYLAND PARK, RYE, NEW YORK**  
**CROSS AXIS BUILDING D**  
**BUILDING INTRO**

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-G-01</b> |
| DWG NO.: 186 of 664                     |                                 |
| SCALE: 12" = 1'-0"                      |                                 |
| DATE: 08/23/2022                        |                                 |
| DPW FILE NUMBER<br><b>1-118-G-935-0</b> | REV. NO.<br><b>0</b>            |



1 GROUND LIFE SAFETY PLAN CXD  
1/4" = 1'-0"

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

**HISTORICAL BUILDING REGISTRY**  
PLAYLAND AMUSEMENT PARK IS A DESIGNATED NATIONAL HISTORIC LANDMARK AND IS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES.  
THE NATIONAL HISTORIC PLACES REGISTER REFERENCE NUMBER: 80004529\_NHL NATIONAL ARCHIVE IDENTIFIER: 75323175  
CROSS AXIS BUILDING D IS A CONTRIBUTING STRUCTURE OF THE LANDMARK AND THEREFORE AN HISTORIC BUILDING UNDER THE 2020 BUILDING CODE AND 2020 EXISTING BUILDING CODE OF NEW YORK STATE

**EXISTING BUILDING CODE**  
EBC 302.4 - EXISTING MATERIALS  
MATERIALS ALREADY IN USE IN A BUILDING IN COMPLIANCE WITH REQUIREMENTS OR APPROVALS IN EFFECT AT THE TIME OF THEIR ERECTION OR INSTALLATION SHALL BE PERMITTED TO REMAIN IN USE UNLESS DETERMINED BY THE BUILDING OFFICIAL TO BE UNSAFE.  
EBC 302.5 - NEW REPLACEMENT MATERIALS  
EXCEPT AS OTHERWISE REQUIRED OR PERMITTED BY THIS CODE, MATERIALS PERMITTED BY THE APPLICABLE CODE FOR NEW CONSTRUCTION SHALL BE USED. LIKE MATERIALS SHALL BE PERMITTED FOR REPAIRS AND ALTERATIONS, PROVIDED THAT UNSAFE CONDITIONS ARE NOT CREATED. HAZARDOUS MATERIALS SHALL NOT BE USED WHERE THE CODE FOR NEW CONSTRUCTION WOULD NOT PERMIT THEIR USE IN BUILDINGS OF SIMILAR OCCUPANCY, PURPOSE AND LOCATION.  
EBC 305.5 - ADDITIONS  
PROVISIONS FOR NEW CONSTRUCTION SHALL APPLY TO ADDITIONS.

**2020 NYS EXISTING BUILDING CODE**  
[NY] EBC 601.1 ALTERATION 3 - WHERE THE WORK AREA EXCEEDS 50% OF THE BUILDING AREA  
[NY] EBC 907.1 LEVEL 3 ALTERATIONS TO EXISTING BUILDINGS ARE PERMITTED WITHOUT REQUIRING THE ENTIRE BUILDING TO COMPLY WITH THE ENERGY REQUIREMENTS OF ECCC.

| 2020 Building Code of New York State   |                  |                           |
|--|------------------|---------------------------|
| Construction Type (Tbl 601)  | V B              | (Fully Sprinklered)       |
| Occupancy Classification   | A-3              | Arcade                    |
| Number of Stories (Tbl 504.4)  | 1                | < 2 (max. allowable)      |
| Height (ft) (Tbl 504.3)  | 20.5'            | < 60 (max. allowable)     |
| Building Area (sf) (Tbl 506.2)   | 860              | < 24,000 (max. allowable) |
| Fire-Resistance Rating Requirements (Tbl 601)                                  |                  |                           |
| Primary Structure Frame (including Columns, Girders, Trusses)                  | 0                | 0                         |
| Bearing Walls  |                  |                           |
| Exterior (Tbl 602)   |                  |                           |
| Fire separation distance >= 10 ft  | 0                | 0                         |
| Interior   | 0                | 0                         |
| Nonbearing Walls and Partitions  |                  |                           |
| Exterior (Tbl 602)   |                  |                           |
| Fire separation distance < 5 ft  | 1                | 1                         |
| Fire separation distance >= 10 ft  | 0                | 0                         |
| Interior   | 0                | 0                         |
| Floor Construction   |                  |                           |
| Including supporting beam and joists   | 0                | 0                         |
| Roof Construction  |                  |                           |
| Including supporting beam and joists   | 0                | 0                         |
| Allowable Area of Openings (BC 705.8)  |                  |                           |
| Fire separation distance 5 > 3 ft (Unprotected, Sprinklered)                   | 15%              | 0%                        |
| Fire separation distance 10 > 5 ft (Unprotected, Sprinklered)                  | 25%              | N/A                       |
| Fire separation distance 15 > 10 ft (Unprotected, Sprinklered)                 | 45%              | 18%                       |
| Fire separation distance 15 ft > 20 ft (Unprotected, Sprinklered)              | No limit         |                           |
| Wall and Ceiling   | C                | C                         |
| Floors - Radiant Flux  | Class II         | Class II                  |
| Interior Finishes Class (BC 803)   |                  |                           |
| Wall and Ceiling   | C                | C                         |
| Floors - Radiant Flux  | Class II         | Class II                  |
| Portable Fire Extinguishers (BC 906)   |                  |                           |
| Fire Hazard  | Class A          | Class A                   |
| Hazard Occupancy   | Ordinary         | Ordinary                  |
| Minimum rated single extinguisher  | 2-A              | Class A                   |
| Maximum floor area per unit of A   | 1,500 sf         | 784 sf                    |
| Maximum floor area for extinguisher  | 11,250 sf        | 784 sf                    |
| Maximum distance of travel to extinguisher                                     | 75'              | 35'                       |
| Number of Type 2-A extinguishers required                                      | <b>Required</b>  | <b>Provided</b>           |
| First Floor  | 1                | 1                         |
| Means of Egress  |                  |                           |
| Max. Floor Area Allowances per Occupant (Tbl 1004.1.2) (sf)                    |                  |                           |
| Amusement arcades  | 11               |                           |
| Occupant Load  |                  |                           |
| Vendor (784 sf)  | 72               |                           |
| Elec. Room (30 sf)   | 0                |                           |
| Sprinkler Room (47 sf)   | 0                |                           |
| Egress Width per Occupant (BC 1005)  |                  |                           |
| Other Egress Components  | 0.15             |                           |
| Egress Width Required (inches)   |                  |                           |
| Vendor Space   | 10.8             | 36 provided               |
| Note: Roll-up doors will be open during business hours                         |                  |                           |
| <b>Minimum number of Exits</b>   | <b>Minimum</b>   | <b>Provided</b>           |
| Occupant Load : 1 - 500  | 2                | 4                         |
| Diagonal Distance (ft)   |                  | 49.67                     |
| <b>Exit Configuration</b>  |                  |                           |
| Distance between two exits >= 1/2 of the diagonal dimension (BC 1007.1.1) (ft) | 24.84            | 26                        |
| <b>Maximum Common Path of Egress Travel (Tbl 1006.2.1)</b>                     | <b>Permitted</b> | <b>Proposed</b>           |
| A Occupancy with Sprinkler System  | 75'              | 0'                        |
| <b>Maximum Travel Distance (BC 1017)</b>                                       |                  |                           |
| A Occupancy with Sprinkler System  | 250'             | 13'                       |

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

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

WESTCHESTER COUNTY, NEW YORK  
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
 DIVISION OF ENGINEERING  
**INFRASTRUCTURE REHABILITATION PHASE 3**  
**PLAYLAND PARK, RYE, NEW YORK**  
**CROSS AXIS BUILDING D**  
**CXD - LIFE SAFETY PLANS**

CONTRACT NUMBER: 22-523 SHEET NUMBER: CXD-G-02  
 DWG NO.: 187 of 664  
 SCALE: 1/4" = 1'-0"  
 DATE: 08/23/2022  
 DPW FILE NUMBER: 1-118-G-936-0 REV. NO.: 0

**SHEET NOTES**

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

**RESTORATION KEY NOTES**

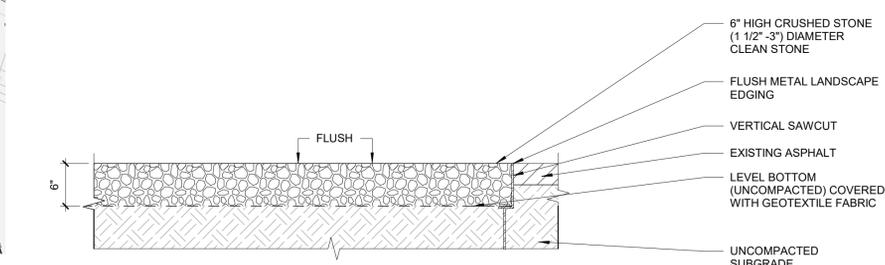
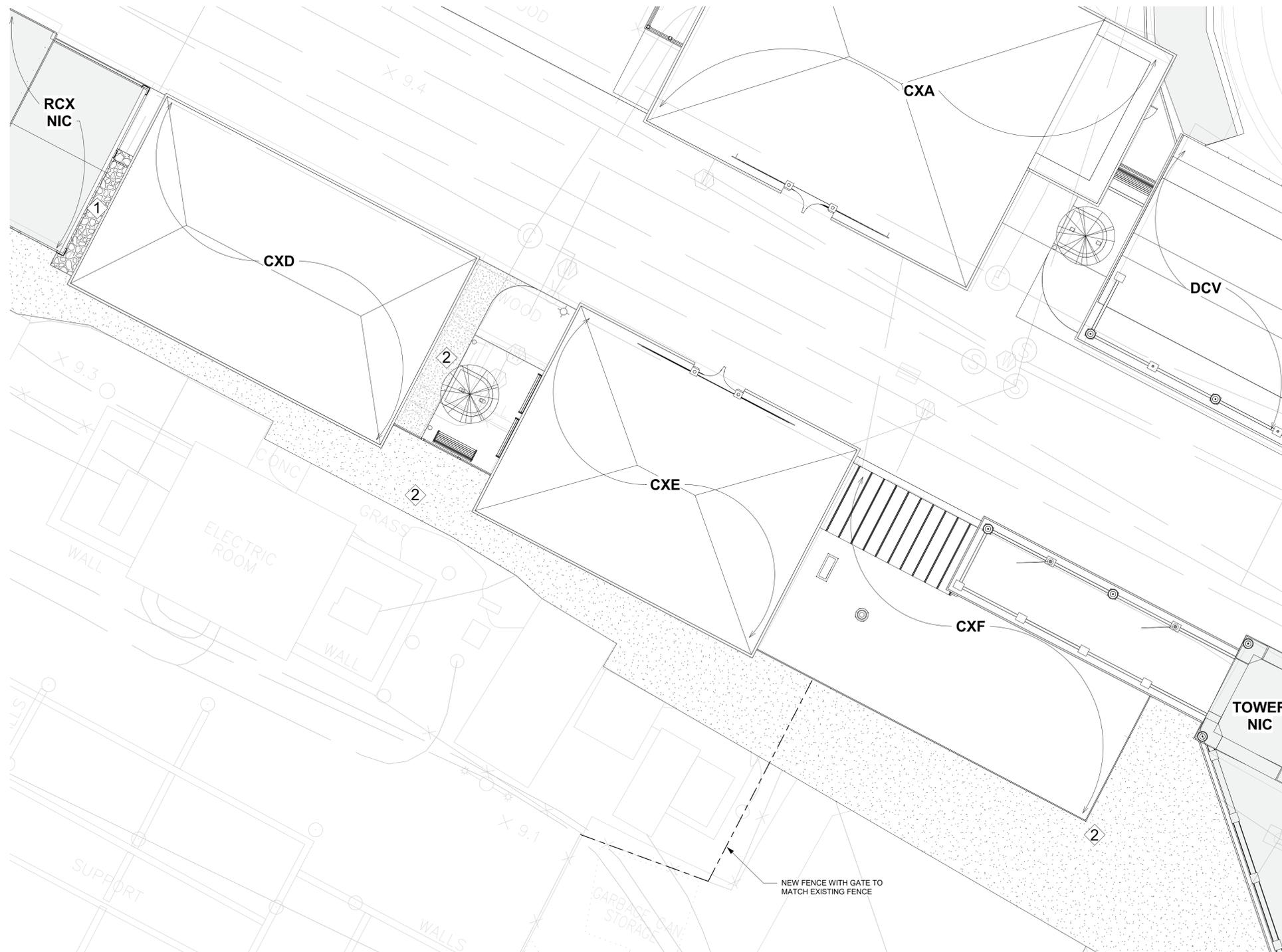
- ① NEW GRAVEL (PERMEABLE) SURFACE. SEE DETAIL 3 ON SHEET
- ② REPAIR ASPHALT AS REQUIRED

**CONSTRUCTION NOTES**

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

**RESTORATION LEGEND**

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



② SITE RESTORATION PLAN  
1/8" = 1'-0"

① GRAVEL SURFACE  
1" = 1'-0"

8/30/2022 4:16:07 PM

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RECORD DRAWING CERTIFICATION

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

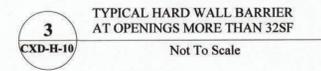
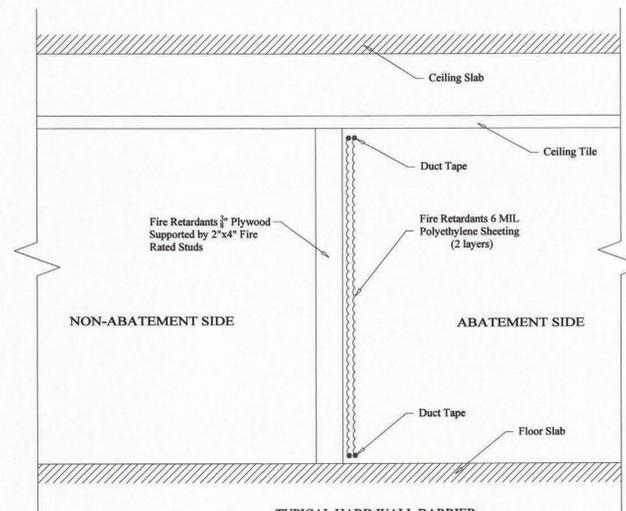
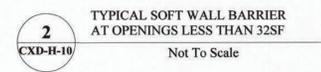
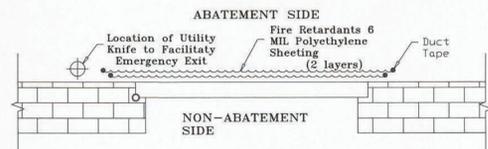
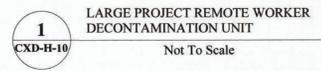
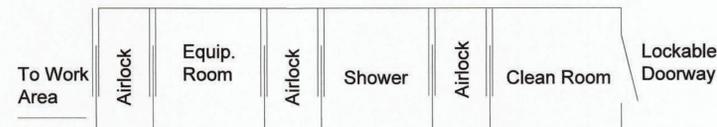
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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
DIVISION OF ENGINEERING

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

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-G-03</b> |
| DWG NO.: 188 of 664                     |                                 |
| SCALE: <b>As indicated</b>              |                                 |
| DATE: <b>08/23/2022</b>                 |                                 |
| DPW FILE NUMBER<br><b>1-118-G-937-0</b> | REV. NO.<br><b>0</b>            |

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

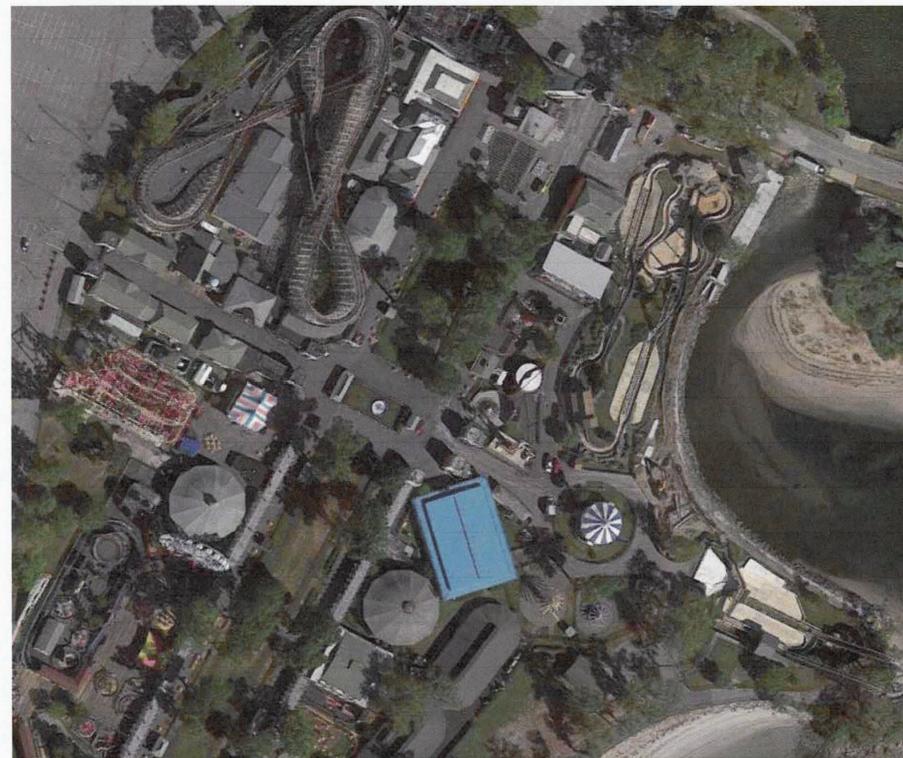
**DETAILS:**



**SCOPE OF WORK TABLE:**

| Work area | Location  | Description of Asbestos Materials | Approximate Quantity of ACM | ICR 56 Procedure |
|-----------|---|-----------------------------------|-----------------------------|------------------|
| 1         | CXD Cross Axis Building D (South Games Buildings) | Fascia Board                      | 1700 SF                     | 56.11.6          |
| 2         |   | Exterior Column Caulking          | 600 SF                      |                  |

**KEYPLAN:**



**LEGEND:**

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

**PROJECT NOTES:**

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

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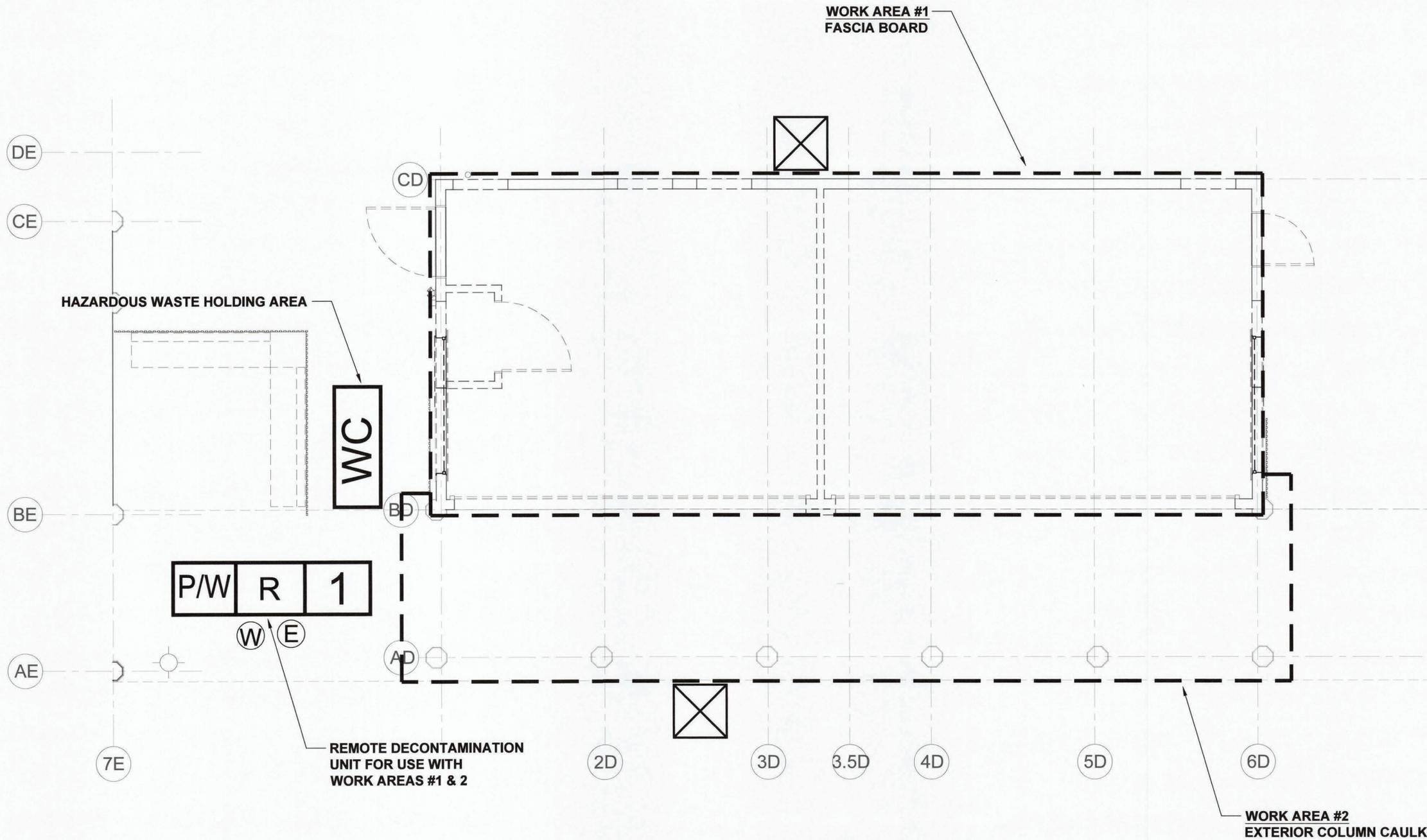
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| CONTRACTOR |           | PROJECT COORDINATOR |           |
|------------|-----------|---------------------|-----------|
| NAME       | SIGNATURE | NAME                | SIGNATURE |
| TITLE      | DATE      | TITLE               | DATE      |

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

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

|   |  |
|---|--|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-H-10</b>          |
| DWG. NO.:                               | SCALE: 189 of 664<br><b>NOT TO SCALE</b> |
| DATE:                                   | <b>08/23/2022</b>                        |
| DPW FILE NUMBER<br><b>1-118-G-938-0</b> | REV. NO.<br><b>0</b>                     |



1 GROUND FLOOR - ASBESTOS ABATEMENT PLAN  
NTS

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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED       AS BUILT - NO CHANGES

| CONTRACTOR |  | PROJECT COORDINATOR |  |
|------------|--|---------------------|--|
| NAME       |  | NAME                |  |
| SIGNATURE  |  | SIGNATURE           |  |
| TITLE      |  | TITLE               |  |
| DATE       |  | DATE                |  |

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

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

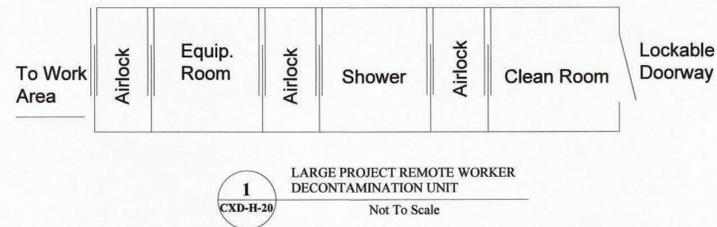
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| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-H-11</b> |
| DWG NO.:                                | 190 of 664                      |
| SCALE:                                  | <b>NOT TO SCALE</b>             |
| DATE:                                   | <b>08/23/2022</b>               |
| DPW FILE NUMBER<br><b>1-118-G-939-0</b> | REV. NO.<br><b>0</b>            |

# PLAYLAND REHABILITATION & UPGRADES

## CXD - LEAD REMEDIATION

1 PLAYLAND PKWY, RYE, NY 10580

**DETAILS:**



**SCOPE OF WORK TABLE:**

| Work area | Location | Description     | Material         | Quantity | Procedure                          |
|-----------|----------|-----------------|------------------|----------|------------------------------------|
| 1         | Exterior | Entire Building | Painted Surfaces | 800 SF   | Manual Wet Scraping/Chemical Strip |

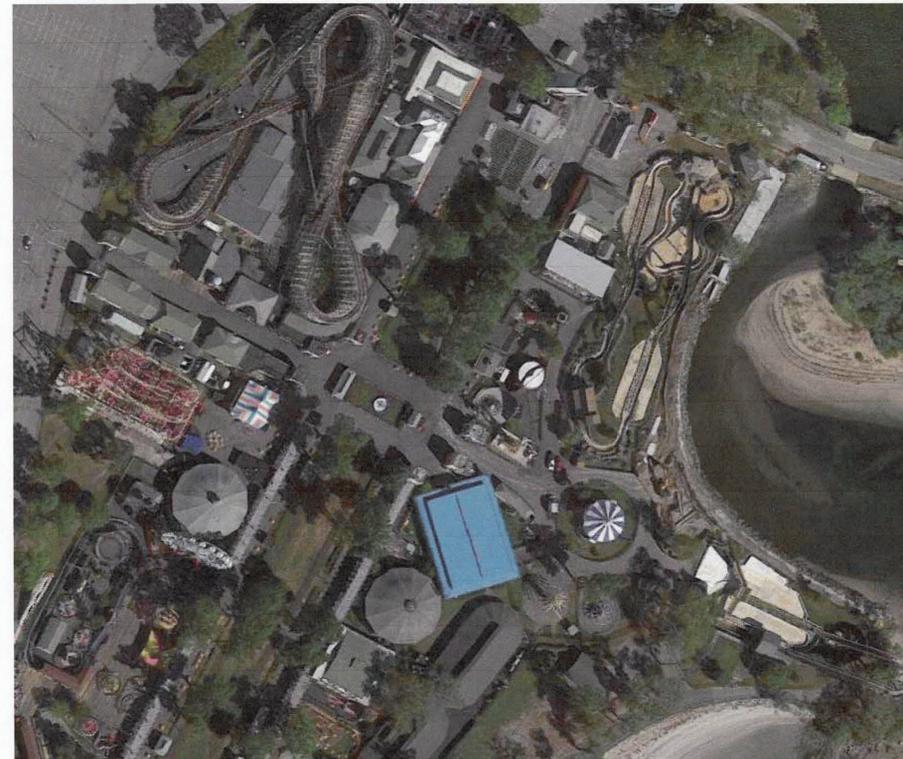
**PROJECT NOTES:**

- 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 stripping products shall proceed broader use and only after approval by the DPW Environmental Consultant.
- 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.
- 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.
- The Contractor shall request and receive in writing prior to proceeding with any work info from the owner regarding surfaces/materials that require protection.

**LEGEND:**

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

**KEYPLAN:**



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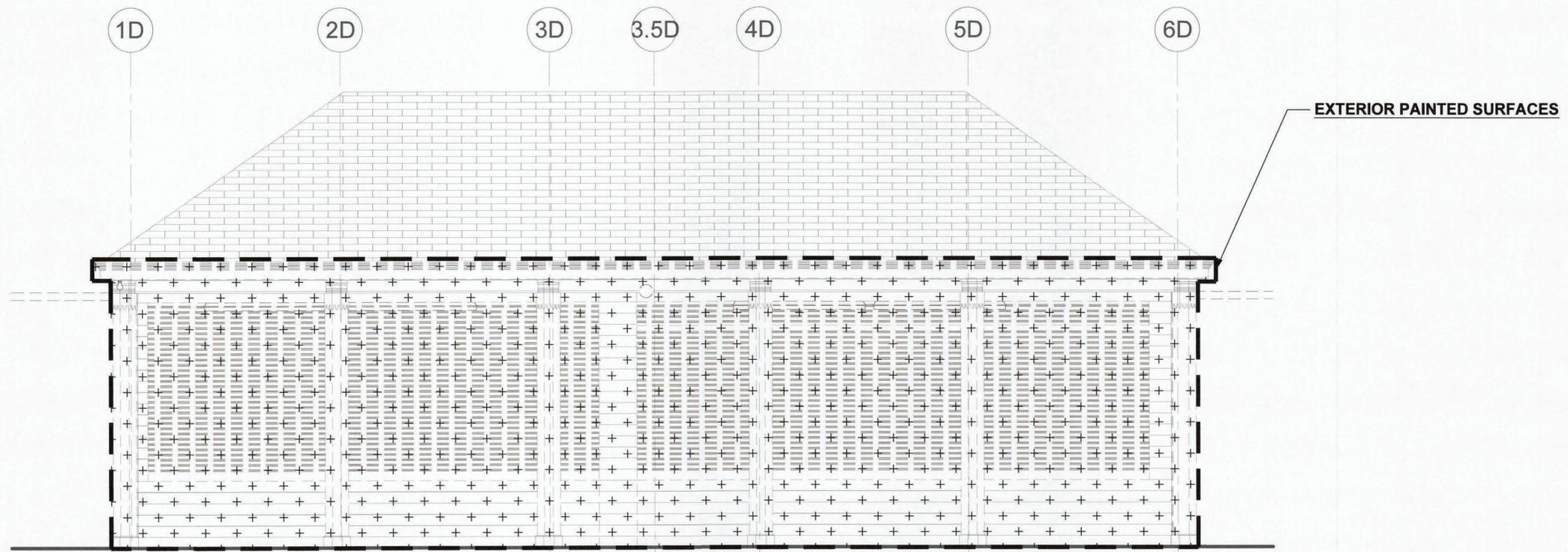
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| CONTRACTOR |  | PROJECT COORDINATOR |  |
|------------|--|---------------------|--|
| NAME       |  | NAME                |  |
| SIGNATURE  |  | SIGNATURE           |  |
| TITLE      |  | TITLE               |  |
| DATE       |  | DATE                |  |

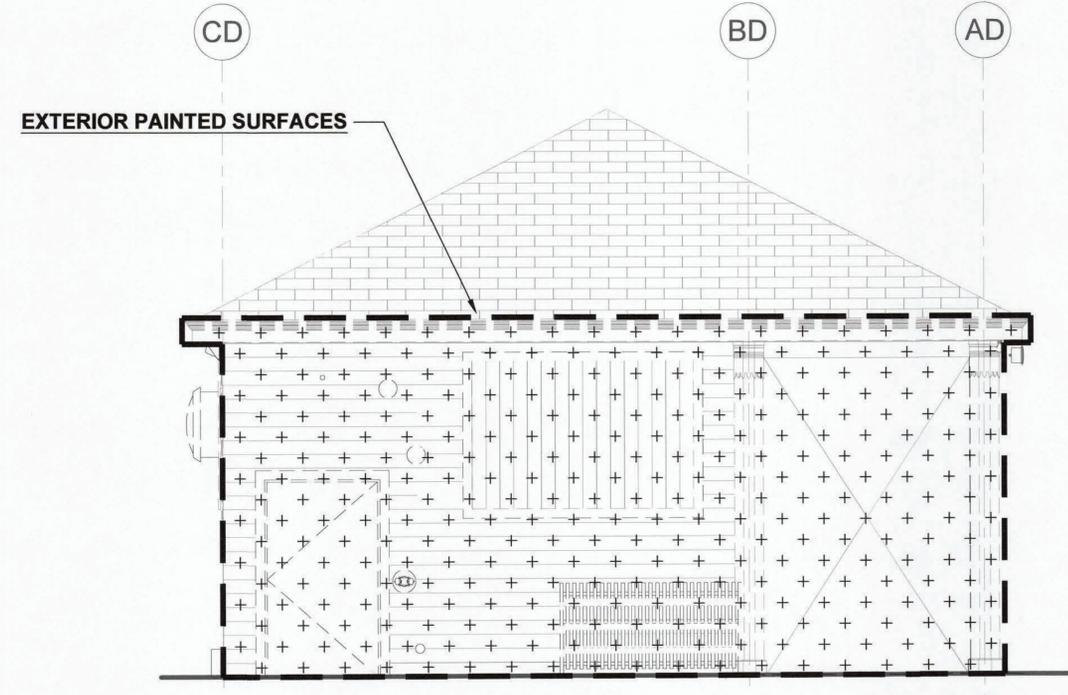
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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION - PHASE 3**  
**PLAYLAND PARK, RYE, NEW YORK**  
**CROSS AXIS BUILDING D**  
**GENERAL LEAD REMEDIATION NOTES**

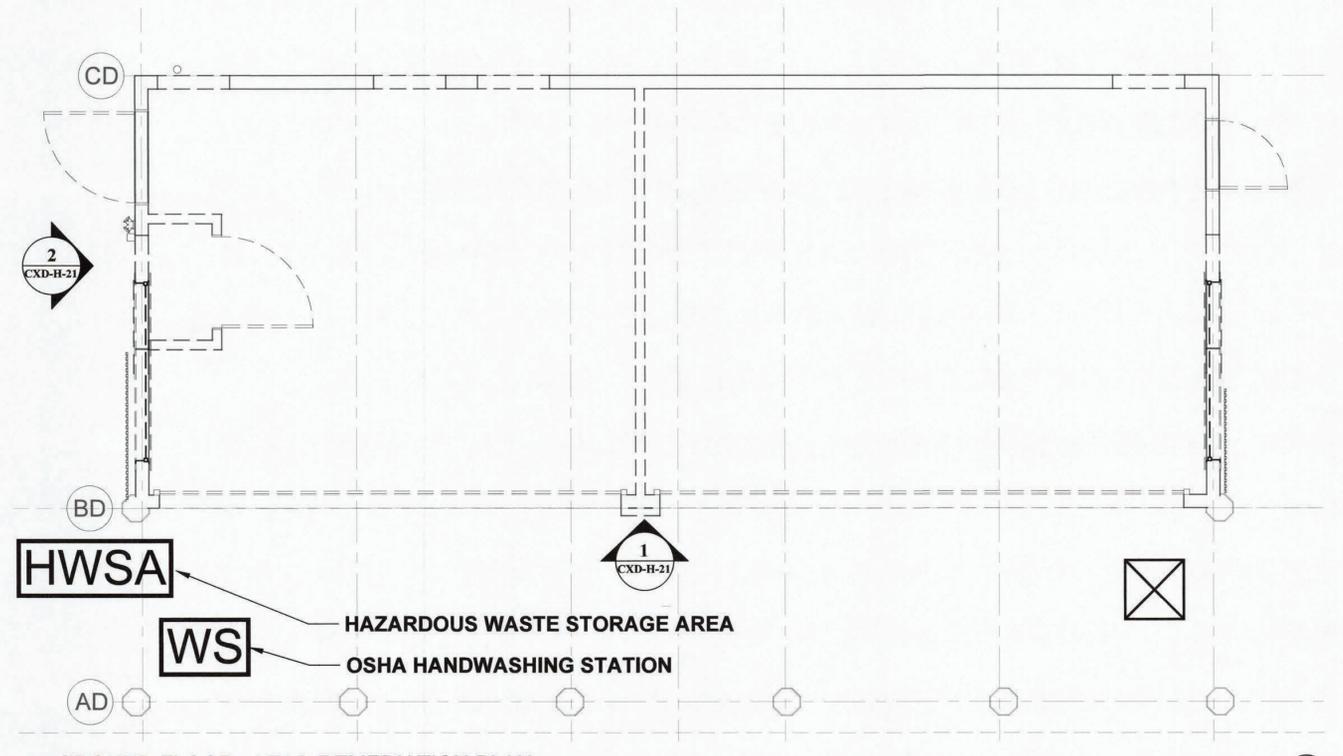
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| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-H-20</b> |
| DWG. NO.:                               | 191 of 664                      |
| SCALE:                                  | <b>NOT TO SCALE</b>             |
| DATE:                                   | <b>08/23/2022</b>               |
| DPW FILE NUMBER<br><b>1-118-G-940-0</b> | REV. NO.<br><b>0</b>            |



1 NORTH ELEVATION - LEAD REMEDIATION PLAN  
NTS



2 EAST ELEVATION - LEAD REMEDIATION PLAN  
NTS



3 GROUND FLOOR - LEAD REMEDIATION PLAN  
NTS

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RECORD DRAWING CERTIFICATION

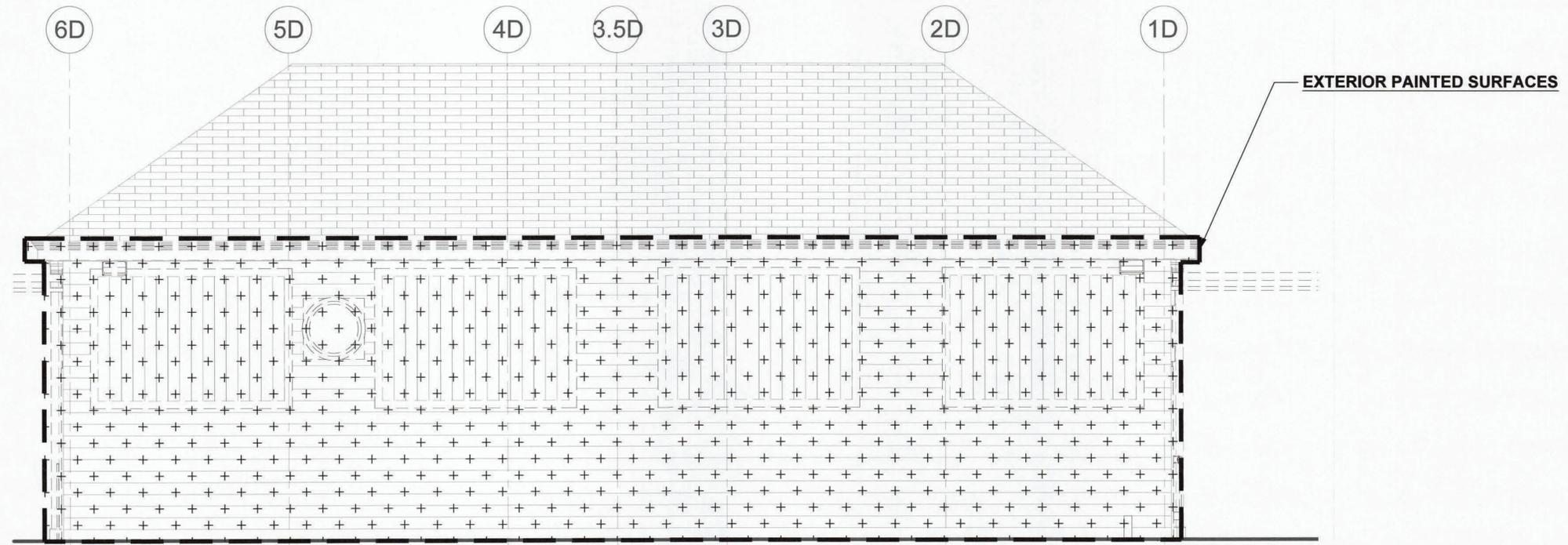
AS BUILT - CHANGES AS NOTED     AS BUILT - NO CHANGES

| CONTRACTOR |           | PROJECT COORDINATOR |           |
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| NAME       | SIGNATURE | NAME                | SIGNATURE |
| TITLE      | DATE      | TITLE               | DATE      |

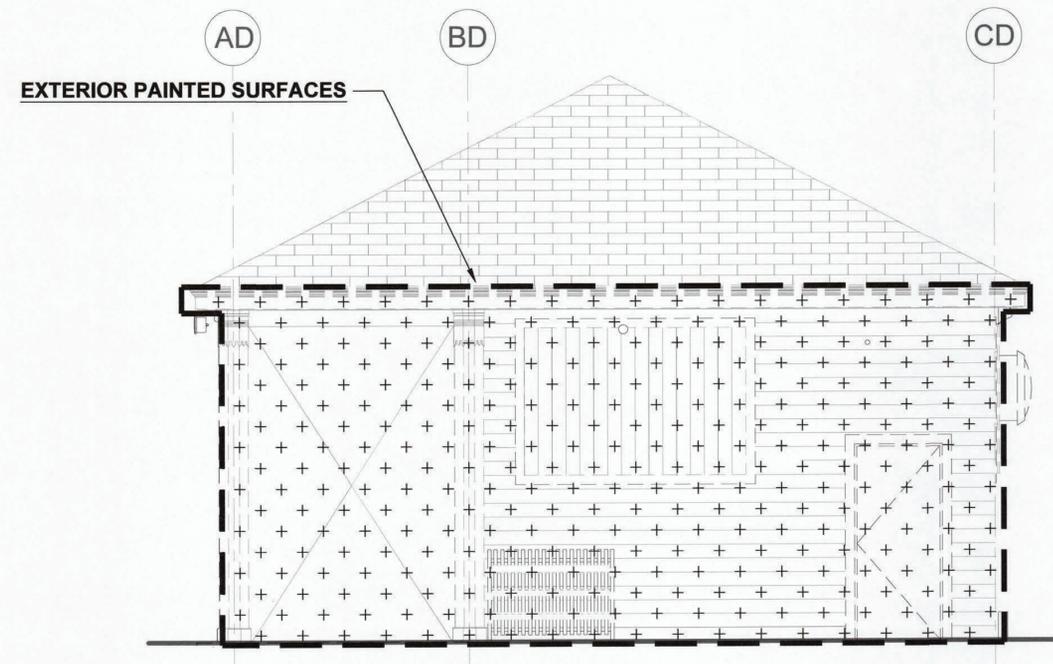
WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION - PHASE 3  
PLAYLAND PARK, RYE, NEW YORK  
CROSS AXIS BUILDING D  
NORTH AND EAST ELEVATIONS -  
LEAD REMEDIATION PLAN**

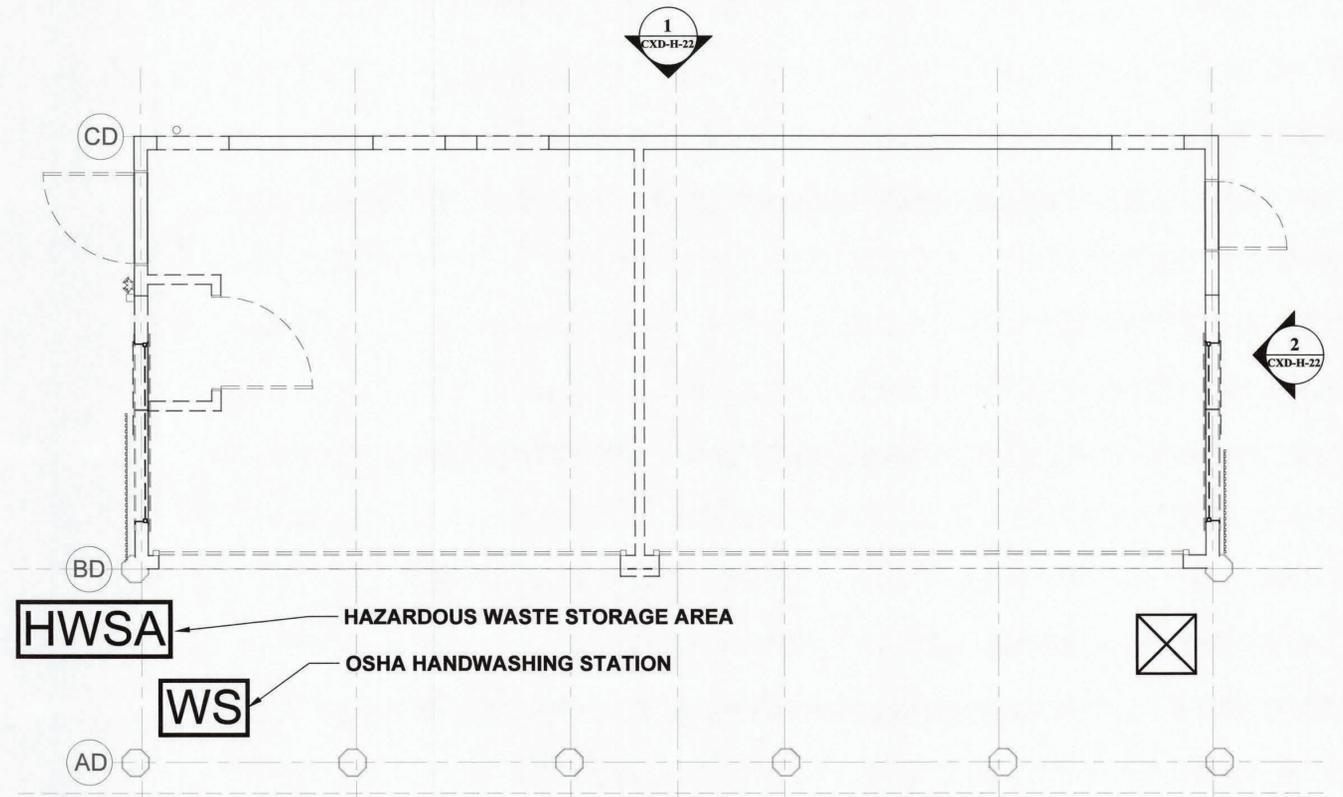
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| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-H-21</b> |
| DWG NO.:                                | 192 of 664                      |
| SCALE:                                  | <b>NOT TO SCALE</b>             |
| DATE:                                   | <b>08/23/2022</b>               |
| DPW FILE NUMBER<br><b>1-118-G-941-0</b> | REV. NO.<br><b>0</b>            |



1 SOUTH ELEVATION - LEAD REMEDIATION PLAN  
NTS



2 WEST ELEVATION - LEAD REMEDIATION PLAN  
NTS



3 GROUND FLOOR - LEAD REMEDIATION PLAN  
NTS

5/3/2022 11:43:22 AM

CONSULTANT INFORMATION

**The LiRo Group**

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



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED       AS BUILT - NO CHANGES

|            |           |                     |           |
|------------|-----------|---------------------|-----------|
| CONTRACTOR |           | PROJECT COORDINATOR |           |
| NAME       | SIGNATURE | NAME                | SIGNATURE |
| TITLE      | DATE      | TITLE               | DATE      |

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

**INFRASTRUCTURE REHABILITATION - PHASE 3  
PLAYLAND PARK, RYE, NEW YORK  
CROSS AXIS BUILDING D  
SOUTH AND WEST ELEVATIONS -  
LEAD REMEDIATION PLAN**

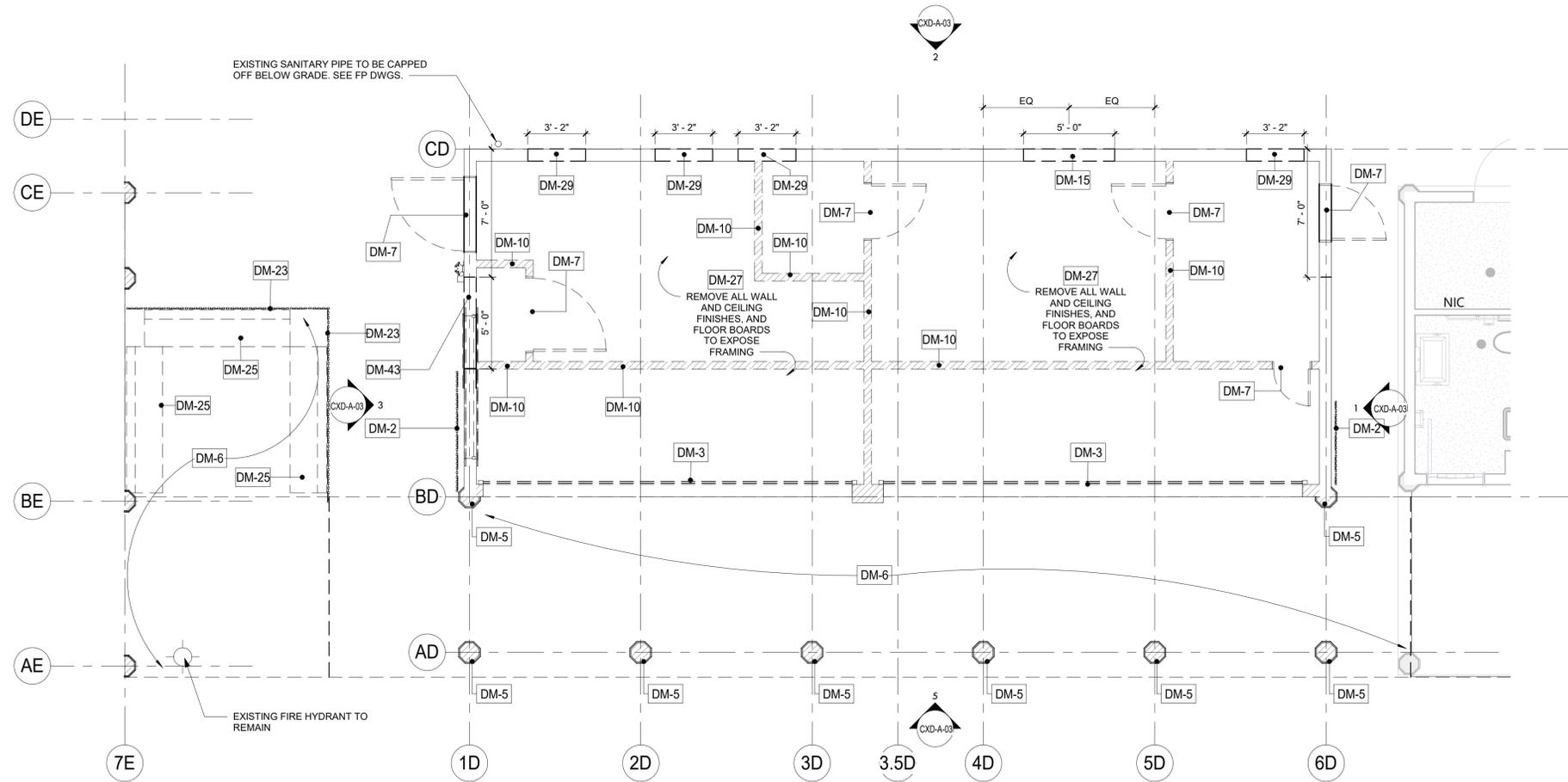
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|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-H-22</b> |
| DWG NO.:                                | 193 of 664                      |
| SCALE:                                  | <b>NOT TO SCALE</b>             |
| DATE:                                   | <b>08/23/2022</b>               |
| DPW FILE NUMBER<br><b>1-118-G-942-0</b> | REV. NO.<br><b>0</b>            |

**DEMOLITION LEGEND**

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

**DEMOLITION NOTES:**

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



**DEMO KEYNOTES**

|       |   |
|-------|---|
| DM-2  | REMOVE EXISTING GATE.   |
| DM-3  | REMOVE ROLL DOWN DOOR AND ASSOCIATED HARDWARE.  |
| DM-5  | REMOVE COLUMN ENCLOSURES. CAREFULLY REMOVE AT LEAST ONE COLUMN ENCLOSURE TO USE AS REFERENCE IN ORDER TO REPLICATE TRIMS TO MATCH LOCATION, SIZE AND SHAPE AS INDICATED. COORDINATE WITH STRUCTURAL DRAWINGS. |
| DM-6  | REMOVE EXISTING WOOD DECKING. (COORDINATE EXTENT OF REMOVAL REQUIRED TO REPAIR FLOOR JOISTS TO REMAIN AS NEEDED - SEE STRUCTURAL DRAWINGS).   |
| DM-7  | REMOVE EXISTING DOOR & FRAME.   |
| DM-10 | REMOVE INTERIOR PARTITION.  |
| DM-15 | REMOVE EXISTING WINDOWS WALL INFILL.  |
| DM-23 | REMOVE EXISTING FENCE.  |
| DM-25 | REMOVE EXISTING BENCHES.  |
| DM-27 | REMOVE EXISTING FLOORING.   |
| DM-29 | REMOVE SECTION OF EXISTING WALL. PROVIDE HEADER AS REQUIRED TO CREATE A DOOR OPENING. SEE ELEVATIONS FOR EXTENT.  |
| DM-43 | REMOVE SECTION OF EXISTING WALL. PROVIDE HEADER AND SILL AS REQUIRED TO CREATE A WINDOW OPENING. SEE ELEVATIONS.  |

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



8/30/2022 4:15:01 PM

CONSULTANT INFORMATION



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



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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED     AS BUILT - NO CHANGES

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

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

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

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-01</b> |
| DWG NO.: 194 of 664                     |                                 |
| SCALE: <b>As indicated</b>              |                                 |
| DATE: <b>08/23/2022</b>                 |                                 |
| DPW FILE NUMBER<br><b>1-118-A-943-0</b> | REV. NO.<br><b>0</b>            |

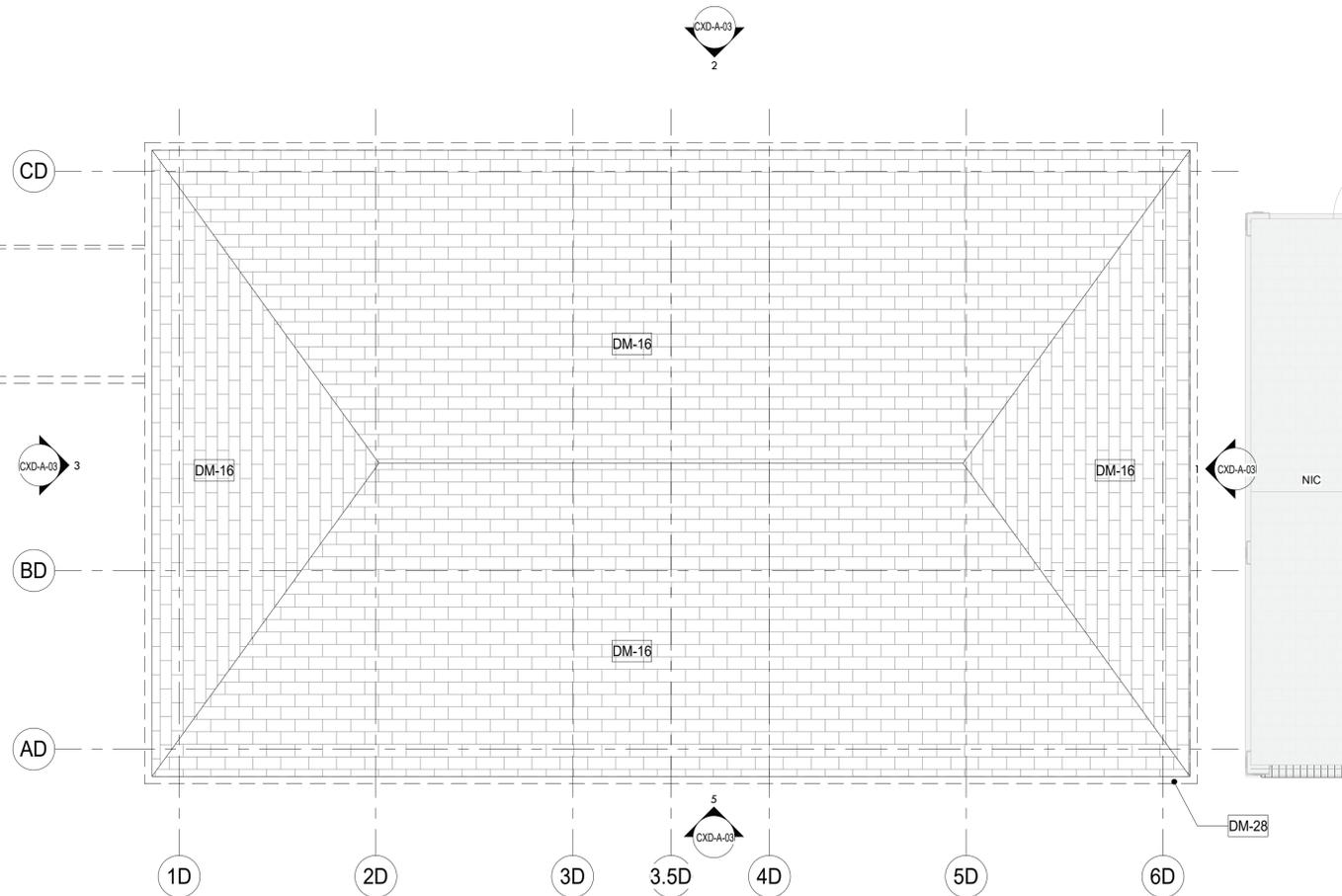
**DEMOLITION LEGEND**

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

**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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5. DEMOLITION OF THE EXISTING BUILDING SHALL INCLUDE REMOVAL OF THE EXISTING FOUNDATIONS FOR THEIR ENTIRE DEPTH TO ACCOMMODATE INSTALLATION OF NEW FOUNDATIONS.
6. THE CONTRACTOR SHALL USE EXTREME CAUTION IN AREAS OF DEMOLITION WHICH MAY DISTURB EXISTING STRUCTURES, TEMPORARY SHORING, BARRICADES, DUST PARTITIONS, ETC. SHALL BE PROVIDED AS REQUIRED TO PROTECT ALL EXISTING STRUCTURES AND PROPERTY.
7. SEE STRUCTURAL, ELECTRICAL, SPRINKLER, AND PLUMBING DRAWINGS FOR RELATED DEMOLITION WORK.
8. VERIFY LOCATION OF EXISTING STRUCTURES AND SHORE UP ROOF/FLOOR ABOVE AS REQUIRED BEFORE REMOVING WALL.
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16. ALL DEBRIS REMOVED FROM THE SITE SHALL BE DISPOSED OF IN A LEGAL MANNER.
17. EXISTING EXITS SHALL REMAIN FULLY ACCESSIBLE AND UNOBSTRUCTED DURING THE PROGRESS OF THE WORK.

REMOVE EXISTING PIPES AND CONDUIT.  
SEE ELEC AND PLUMB DWGS.



| CONSTRUCTION KEYNOTES |   |
|-----------------------|---|
| DM-16                 | REMOVE EXISTING ROOFING SHINGLES, UNDERLAYMENT AND ANY ROTTED WOOD SHEATHING. REPLACE DAMAGED SHEATHING TO MATCH EXISTING. COORDINATE WITH A/E. |
| DM-28                 | REMOVE EXISTING GUTTER, FASCIA, AND SOFFITS.  |

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



8/30/2022 4:15:02 PM

CONSULTANT INFORMATION

 **The LiRo Group**

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



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED       AS BUILT - NO CHANGES

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

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

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

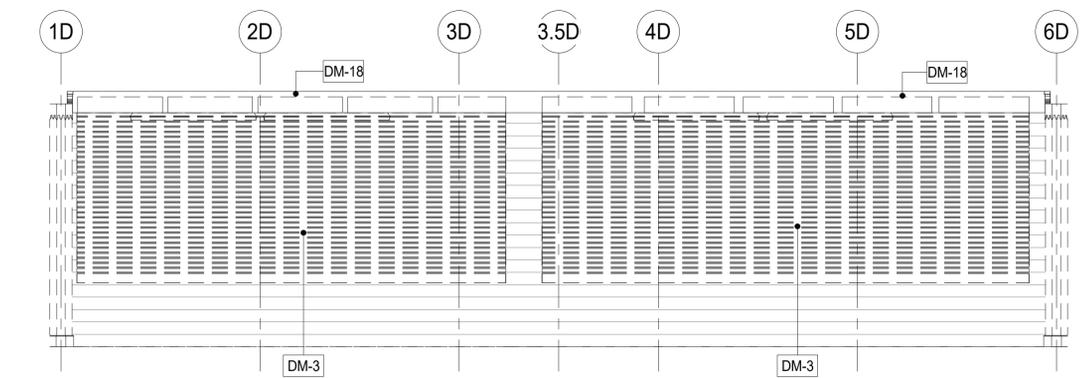
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| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-02</b> |
| DWG NO.: 195 of 664                     |                                 |
| SCALE: <b>As indicated</b>              |                                 |
| DATE: <b>08/23/2022</b>                 |                                 |
| DPW FILE NUMBER<br><b>1-118-A-944-0</b> | REV. NO.<br><b>0</b>            |

**DEMOLITION LEGEND**

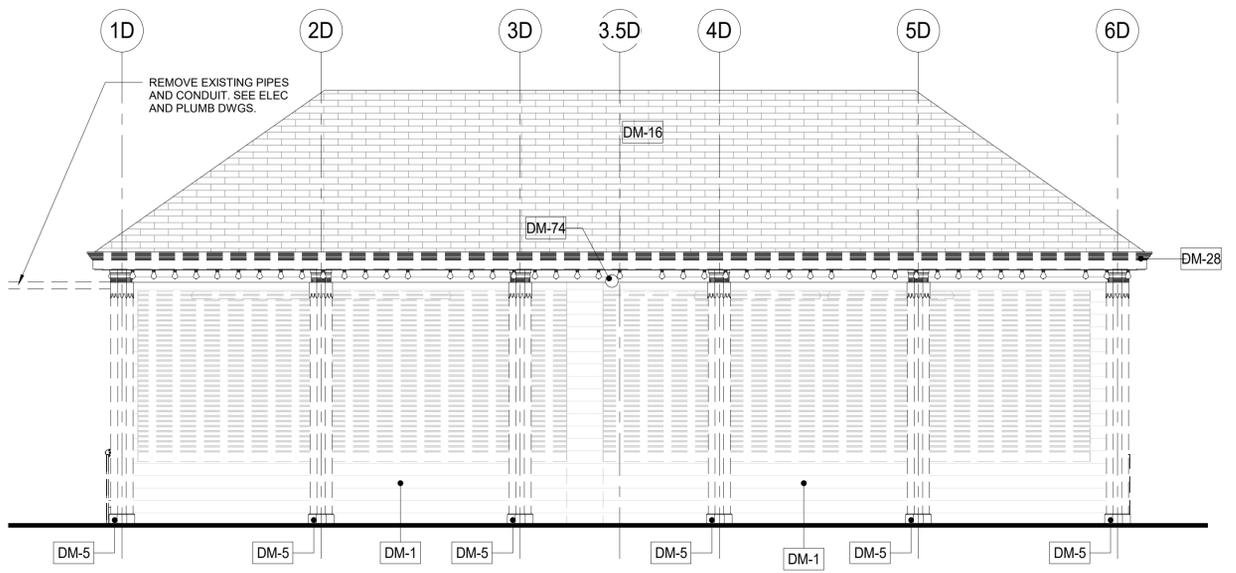
-  INDICATES DEMOLITION
-  DEMOLITION KEY NOTES
-  SHINGLES TO BE REMOVED
-  INDICATES N.I.C.

**DEMOLITION NOTES:**

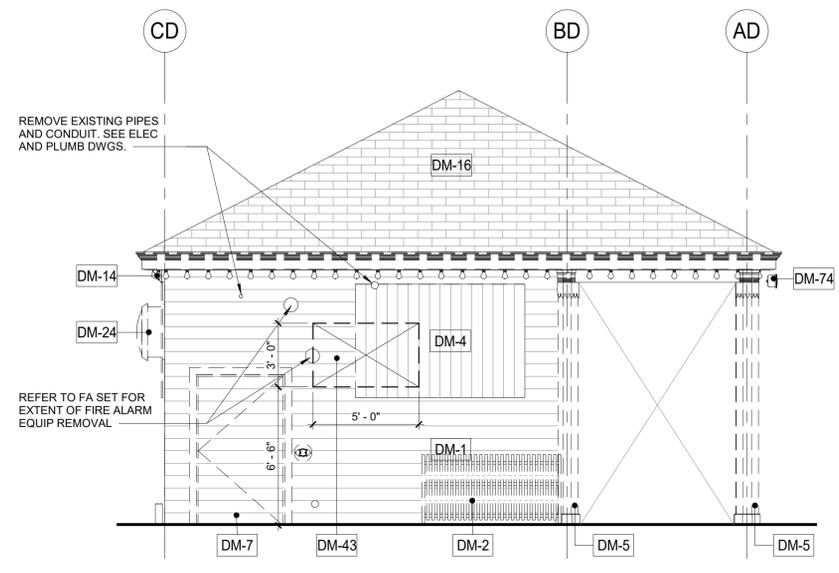
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6. THE CONTRACTOR SHALL USE EXTREME CAUTION IN AREAS OF DEMOLITION WHICH MAY DISTURB EXISTING STRUCTURES. TEMPORARY SHORING, BARRICADES, DUST PARTITIONS, ETC. SHALL BE PROVIDED AS REQUIRED TO PROTECT ALL EXISTING STRUCTURES AND PROPERTY.
7. SEE STRUCTURAL, ELECTRICAL, SPRINKLER, AND PLUMBING DRAWINGS FOR RELATED DEMOLITION WORK.
8. VERIFY LOCATION OF EXISTING STRUCTURES AND SHORE UP ROOF/FLOOR ABOVE AS REQUIRED BEFORE REMOVING WALL.
9. REMOVAL OF ALL CEILINGS AND MOUNTED ITEMS THROUGHOUT THE CONTRACT AREA INCLUDE ANCHORING HARDWARE, AND MISCELLANEOUS FASTENINGS, ETC.
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17. EXISTING EXITS SHALL REMAIN FULLY ACCESSIBLE AND UNOBSTRUCTED DURING THE PROGRESS OF THE WORK.



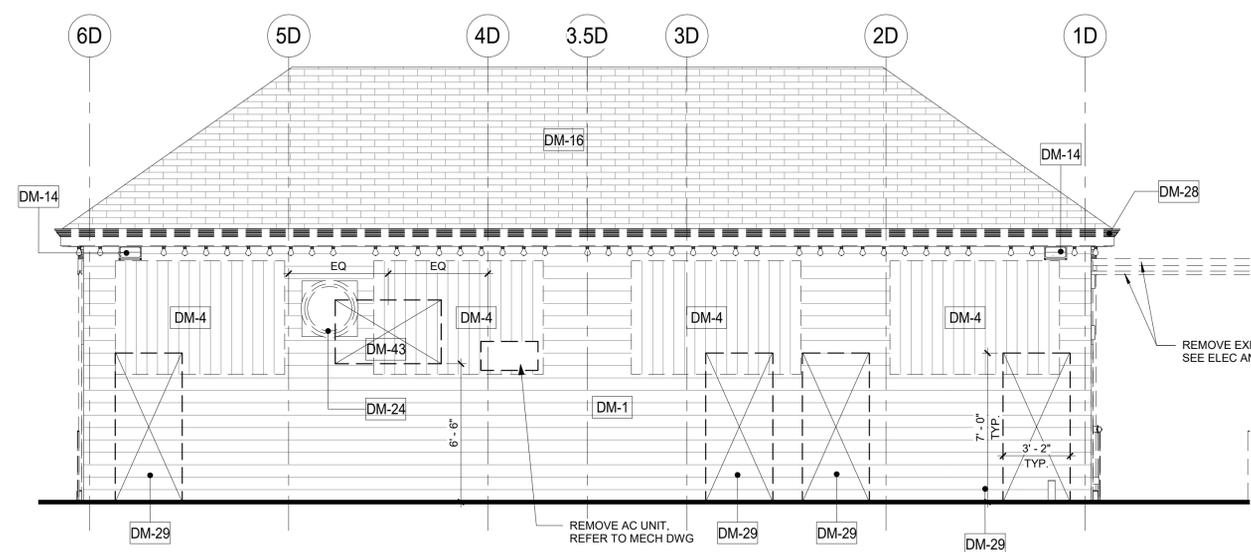
5 CXD - PORCH NORTH ELEVATION  
1/4" = 1'-0"



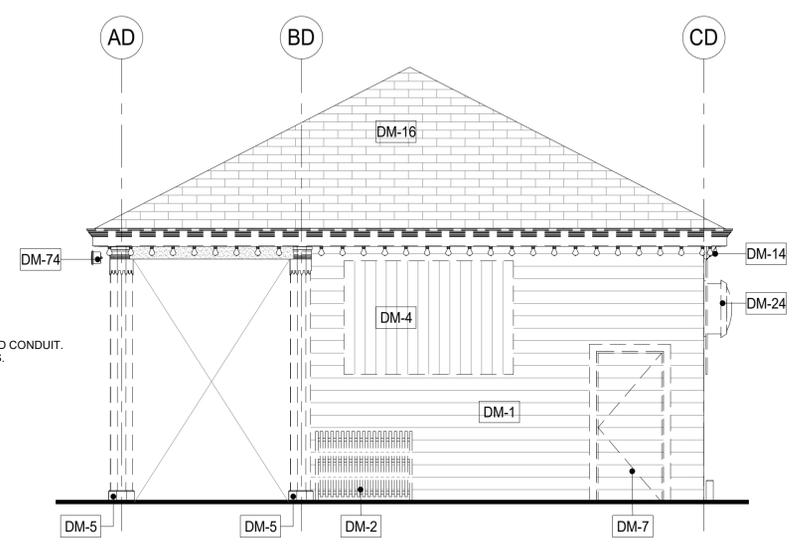
4 CXD - DEMOLITION ELEVATION - NORTH  
1/4" = 1'-0"



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



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



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

**DEMO KEYNOTES**

|       |   |
|-------|---|
| DM-1  | REMOVE EXISTING WOOD SIDING.  |
| DM-2  | REMOVE EXISTING GATE.   |
| DM-3  | REMOVE ROLL DOWN DOOR AND ASSOCIATED HARDWARE.  |
| DM-4  | REMOVE EXISTING WINDOW & FRAME.   |
| DM-5  | REMOVE COLUMN ENCLOSURES. CAREFULLY REMOVE AT LEAST ONE COLUMN ENCLOSURE TO USE AS REFERENCE IN ORDER TO REPLICATE TRIMS TO MATCH LOCATION, SIZE AND SHAPE AS INDICATED. COORDINATE WITH STRUCTURAL DRAWINGS. |
| DM-7  | REMOVE EXISTING DOOR & FRAME.   |
| DM-14 | REMOVE EXISTING LIGHTING FIXTURES AND ELECTRICAL WIRING CONNECTED TO THESE FIXTURES. SEE ELECTRICAL FOR DETAILS.  |
| DM-16 | REMOVE EXISTING ROOFING SHINGLES, UNDERLAYMENT AND ANY ROTTED WOOD SHEATHING. REPLACE DAMAGED SHEATHING TO MATCH EXISTING. COORDINATE WITH A/E.   |
| DM-18 | REMOVE EXISTING PANELS & TRIMS.   |
| DM-24 | REMOVE EXISTING EXHAUST. SEE MECHANICAL DRAWINGS.   |
| DM-28 | REMOVE EXISTING GUTTER, FASCIA, AND SOFFITS.  |
| DM-29 | REMOVE SECTION OF EXISTING WALL. PROVIDE HEADER AS REQUIRED TO CREATE A DOOR OPENING. SEE ELEVATIONS FOR EXTENT.  |
| DM-43 | REMOVE SECTION OF EXISTING WALL. PROVIDE HEADER AND SILL AS REQUIRED TO CREATE A WINDOW OPENING. SEE ELEVATIONS.  |
| DM-74 | REMOVE SPEAKER AND ASSOCIATED HARDWARE AND ELECTRICAL WIRES. COORDINATE WITH ELEC. DRAWINGS.  |

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CONSULTANT INFORMATION



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

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| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED     AS BUILT - NO CHANGES

|            |           |                     |           |
|------------|-----------|---------------------|-----------|
| CONTRACTOR |           | PROJECT COORDINATOR |           |
| NAME       | SIGNATURE | NAME                | SIGNATURE |
| TITLE      | DATE      | TITLE               | DATE      |

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

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

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-03</b> |
| DWG NO.: 196 of 664                     |                                 |
| SCALE: <b>As indicated</b>              |                                 |
| DATE: <b>08/23/2022</b>                 |                                 |
| DPW FILE NUMBER<br><b>1-118-A-945-0</b> | REV. NO.<br><b>0</b>            |

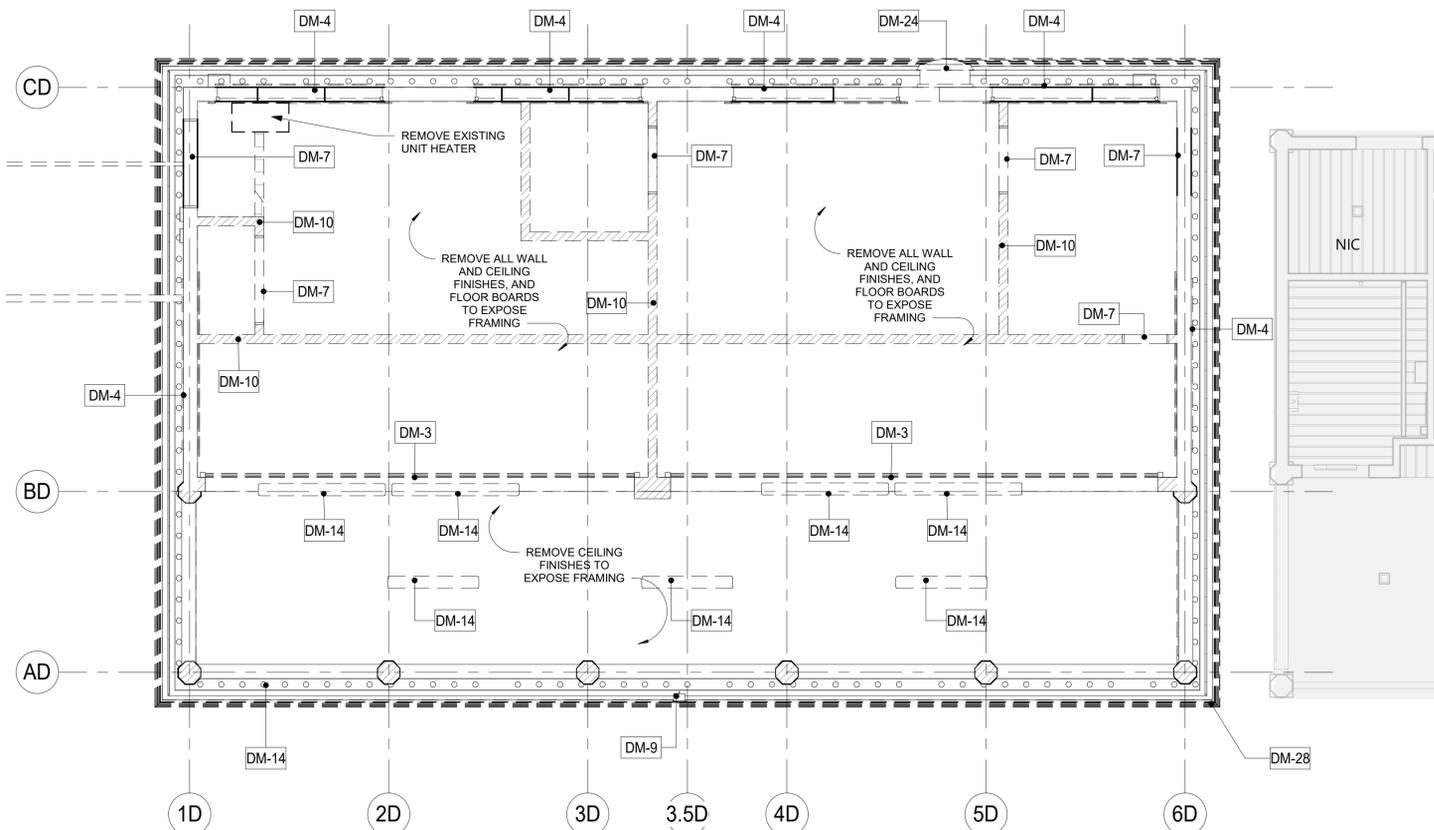
**DEMOLITION LEGEND**

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

**DEMOLITION NOTES:**

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

REMOVE EXISTING PIPES AND CONDUIT. SEE ELEC AND PLUMB DWGS.



**DEMO KEYNOTES**

|       |  |
|-------|--|
| DM-3  | REMOVE ROLL DOWN DOOR AND ASSOCIATED HARDWARE.   |
| DM-4  | REMOVE EXISTING WINDOW & FRAME.  |
| DM-7  | REMOVE EXISTING DOOR & FRAME.  |
| DM-9  | CONTRACTOR TO REMOVE ANY REMAINING EQUIPMENT AND BUILDING CONTENT. CONTENT MAY INCLUDE BUT NOT LIMITED TO REFRIGERATOR, STORAGE, RACKS, AC UNITS, GAMES ETC. |
| DM-10 | REMOVE INTERIOR PARTITION.   |
| DM-14 | REMOVE EXISTING LIGHTING FIXTURES AND ELECTRICAL WIRING CONNECTED TO THESE FIXTURES. SEE ELECTRICAL FOR DETAILS.   |
| DM-24 | REMOVE EXISTING EXHAUST. SEE MECHANICAL DRAWINGS.  |
| DM-28 | REMOVE EXISTING GUTTER, FASCIA, AND SOFFITS.   |

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

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CONSULTANT INFORMATION



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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED     AS BUILT - NO CHANGES

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

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

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

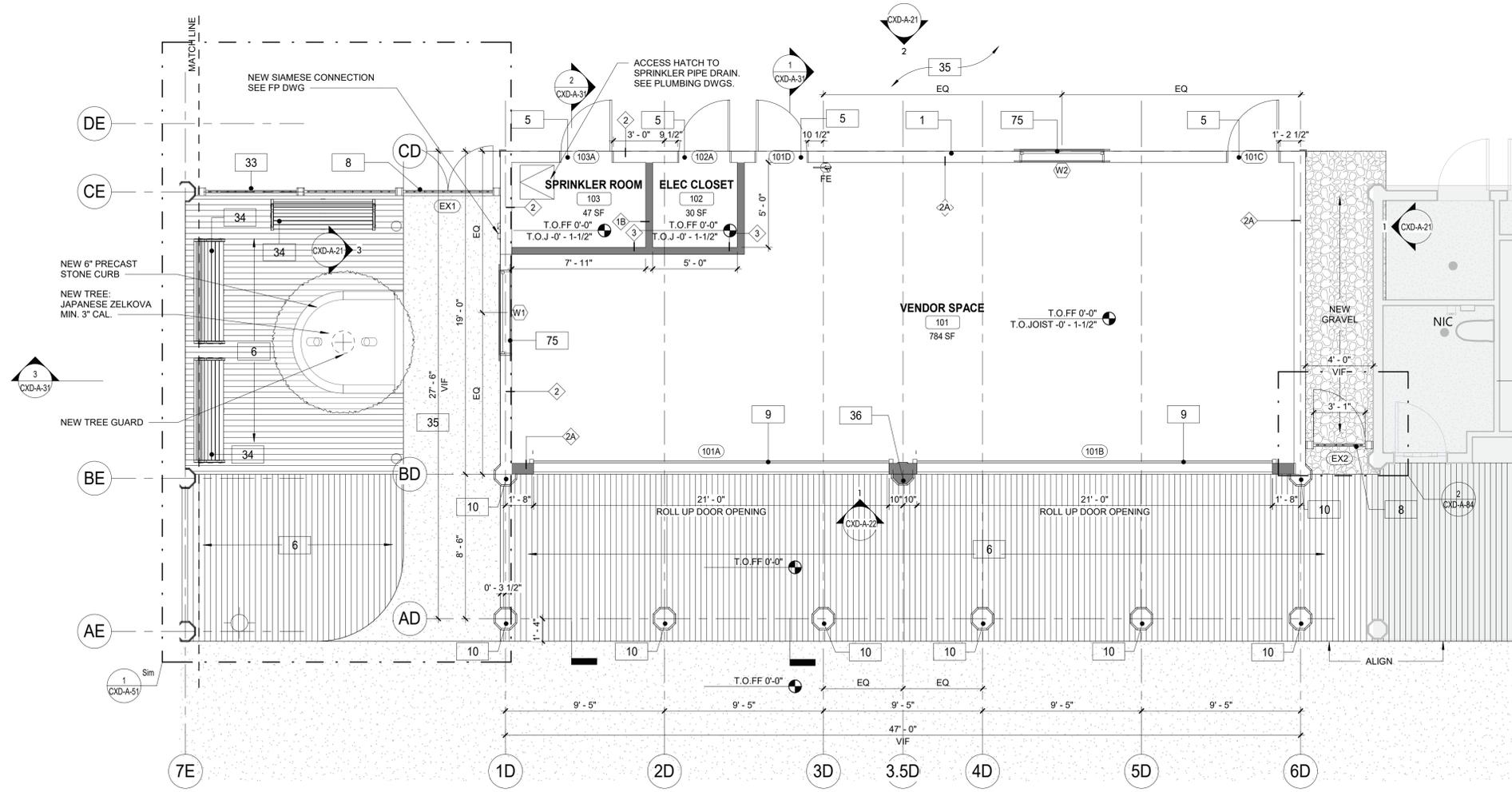
|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-04</b> |
| DWG NO.: 197 of 664                     |                                 |
| SCALE: <b>As indicated</b>              |                                 |
| DATE: <b>08/23/2022</b>                 |                                 |
| DPW FILE NUMBER<br><b>1-118-A-946-0</b> | REV. NO.<br><b>0</b>            |

**PLAN LEGEND:**

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

**FLOOR PLAN NOTES:**

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



**CONSTRUCTION KEYNOTES**

|    |   |
|----|---|
| 1  | PROVIDE AND INSTALL NEW 1x8 MILLED YELLOW PINE - TONGUE AND GROOVE - NO BEVEL                         |
| 5  | PROVIDE AND INSTALL DOOR INCLUDING FRAME, SILL, LINTEL AND ANY ASSOCIATE HARDWARE. SEE DOOR SCHEDULE. |
| 6  | INSTALL NEW IPE DECKING. SEE STRUCTURAL FOR DETAILS.  |
| 8  | PROVIDE AND INSTALL GATE. SEE DETAILS.  |
| 9  | PROVIDE AND INSTALL ROLL DOWN DOOR. SEE DETAILS AND SCHEDULE.   |
| 10 | PROVIDE AND INSTALL COLUMN ENCLOSURES. SEE DETAILS.   |
| 33 | NEW WOOD FENCE. SEE DETAILS. CXD-A-84   |
| 34 | PROVIDE NEW BENCH.  |
| 35 | NEW ASPHALT PAVING. SEE CIVIL DRAWINGS.   |
| 36 | NEW PILASTER TO MATCH COLUMN ENCLOSURE AS INDICATED   |
| 75 | REINSTALL SALVAGED WINDOWS FROM CXF (SEE CXF-A-01).   |

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

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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED     AS BUILT - NO CHANGES

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

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

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

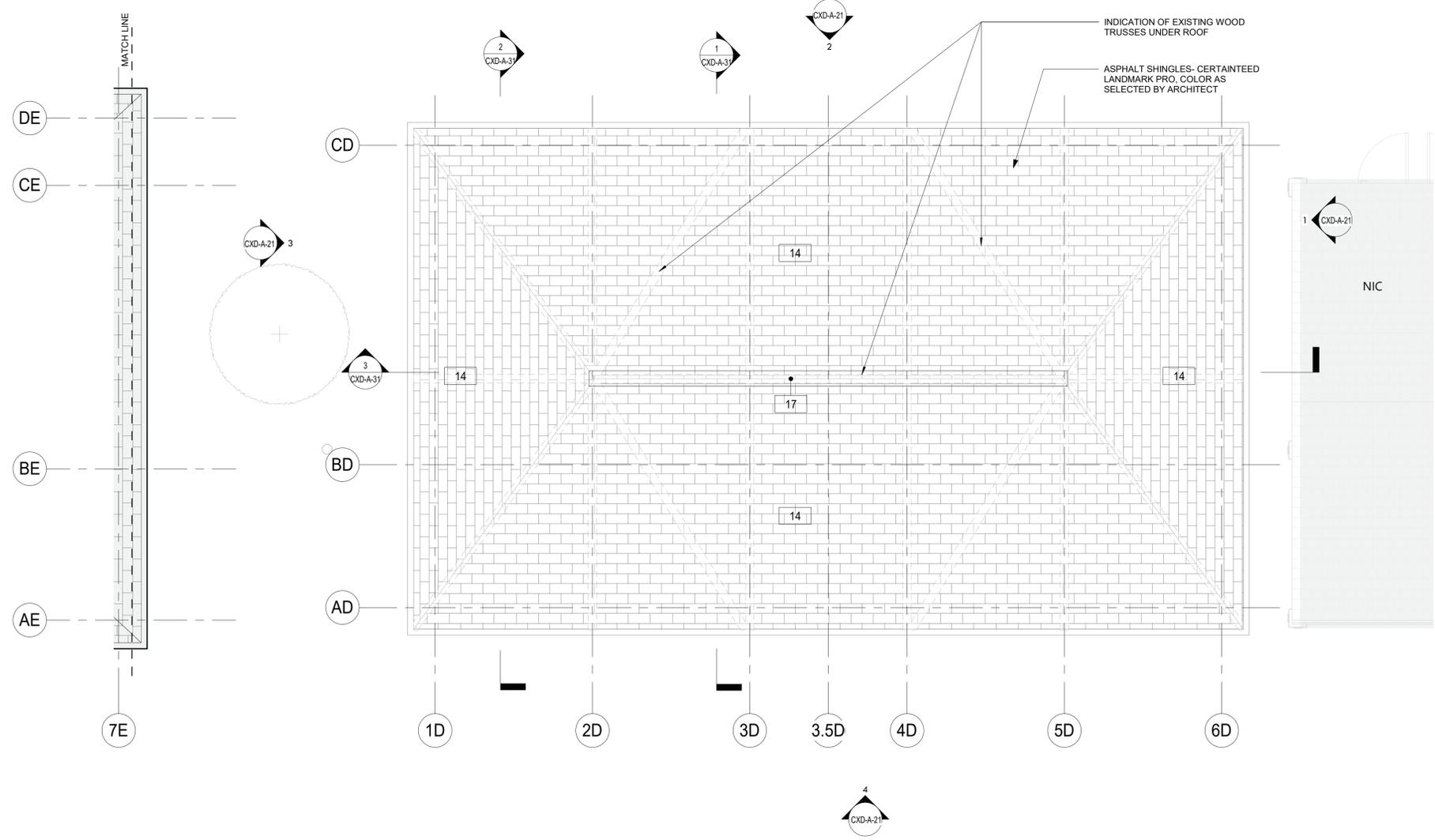
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| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-11</b> |
| DWG NO.: 198 of 664                     |                                 |
| SCALE: <b>As indicated</b>              |                                 |
| DATE: <b>08/23/2022</b>                 |                                 |
| DPW FILE NUMBER<br><b>1-118-A-947-0</b> | REV. NO.<br><b>0</b>            |

**PLAN LEGEND:**

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

**FLOOR PLAN NOTES:**

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



CONSTRUCTION KEYNOTES

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

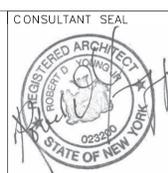


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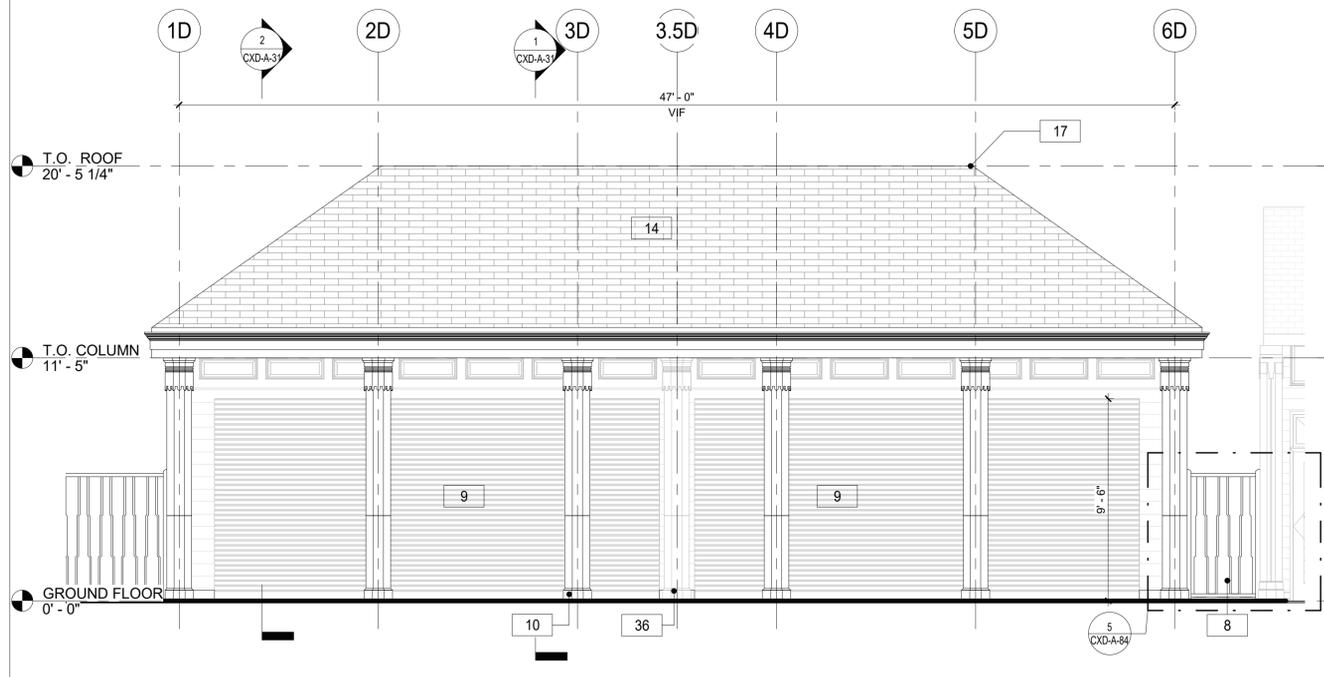
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| CONTRACTOR      |                 | PROJECT COORDINATOR |                 |
| NAME _____      | NAME _____      | NAME _____          | NAME _____      |
| SIGNATURE _____ | SIGNATURE _____ | SIGNATURE _____     | SIGNATURE _____ |
| TITLE _____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

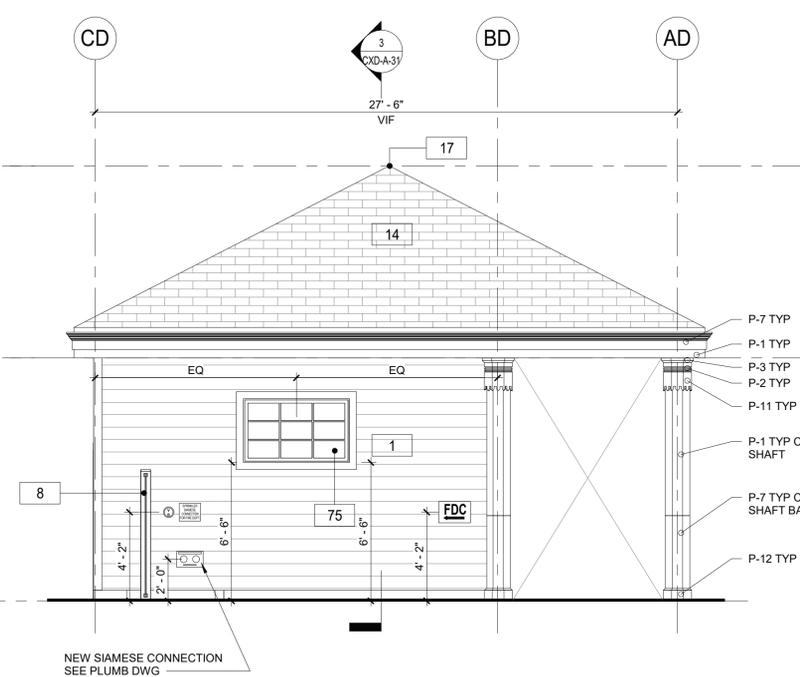
WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
DIVISION OF ENGINEERING

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

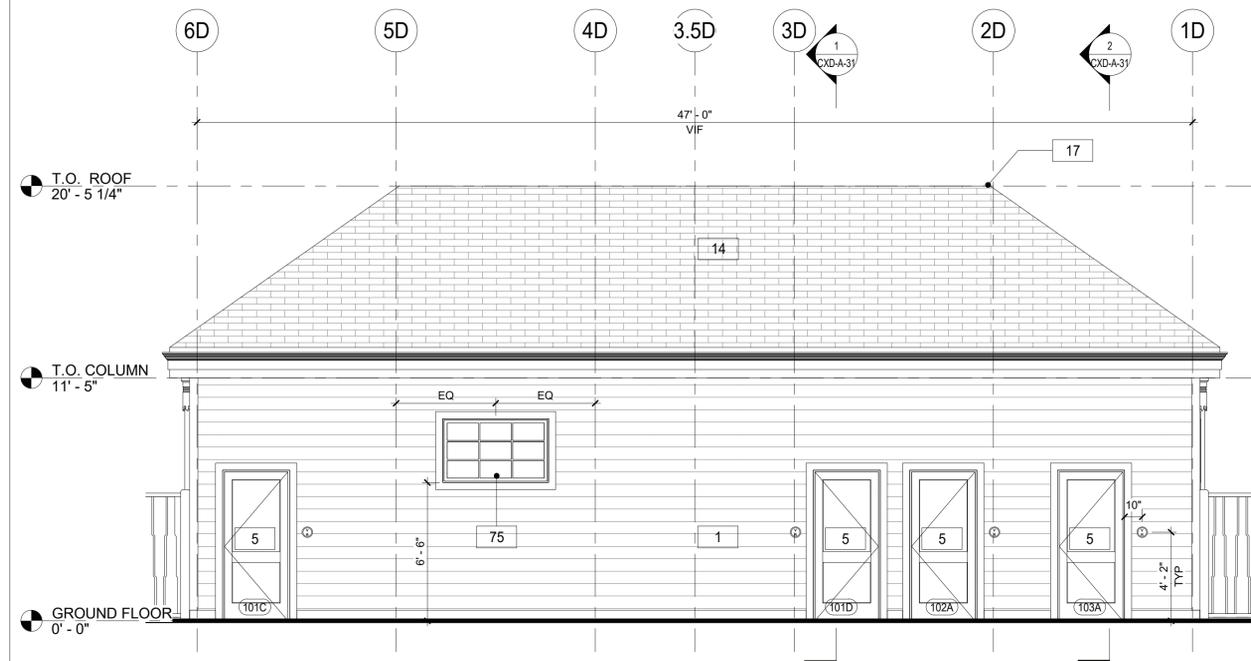
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| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-12</b> |
| DWG NO.: 199 of 664                     |                                 |
| SCALE: <b>As indicated</b>              |                                 |
| DATE: <b>08/23/2022</b>                 |                                 |
| DPW FILE NUMBER<br><b>1-118-A-948-0</b> | REV. NO.<br><b>0</b>            |



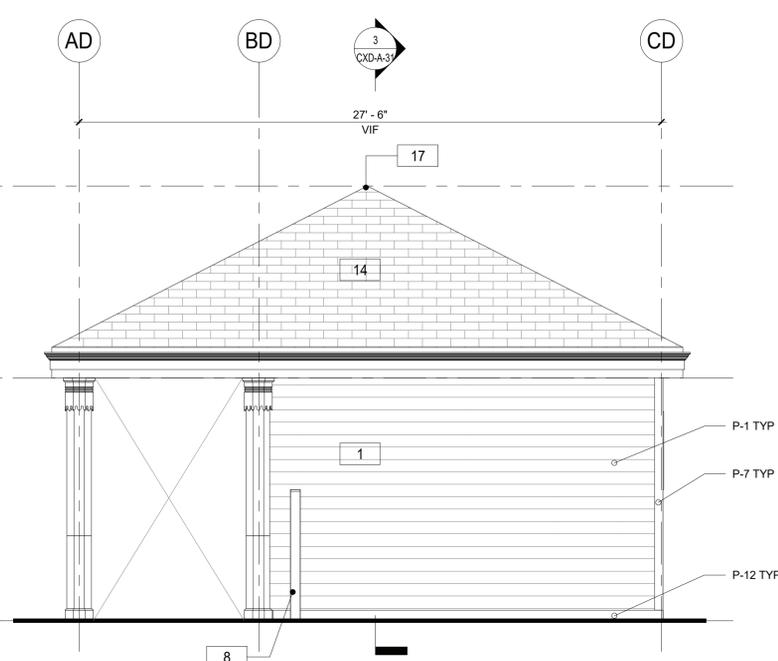
4 CXD - BUILDING ELEVATION - NORTH  
1/4" = 1'-0"



3 CXD - BUILDING ELEVATION - EAST  
1/4" = 1'-0"



2 CXD - BUILDING ELEVATION - SOUTH  
1/4" = 1'-0"



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

**FLOOR PLAN GENERAL NOTES**

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

**PAINTING SCHEDULE**

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

**CONSTRUCTION KEYNOTES**

|    |  |
|----|--|
| 1  | PROVIDE AND INSTALL NEW 1x8 MILLED YELLOW PINE - TONGUE AND GROOVE - NO BEVEL  |
| 5  | PROVIDE AND INSTALL DOOR INCLUDING FRAME, SILL, LINTEL AND ANY ASSOCIATE HARDWARE. SEE DOOR SCHEDULE.                            |
| 8  | PROVIDE AND INSTALL GATE. SEE DETAILS.   |
| 9  | PROVIDE AND INSTALL ROLL DOWN DOOR. SEE DETAILS AND SCHEDULE.  |
| 10 | PROVIDE AND INSTALL COLUMN ENCLOSURES. SEE DETAILS.  |
| 14 | PROVIDE NEW ASPHALT SHINGLE ROOFING UNDERLAYMENT, AND REPLACE IN KIND EXISTING DECKING AS REQUIRED (COORDINATE WITH STRUCTURAL). |
| 17 | PROVIDE AND INSTALL RIDGE VENT AT ROOF HIP.  |
| 36 | NEW PILASTER TO MATCH COLUMN ENCLOSURE AS INDICATED  |
| 75 | REINSTALL SALVAGED WINDOWS FROM CXF (SEE CXF-A-01).  |

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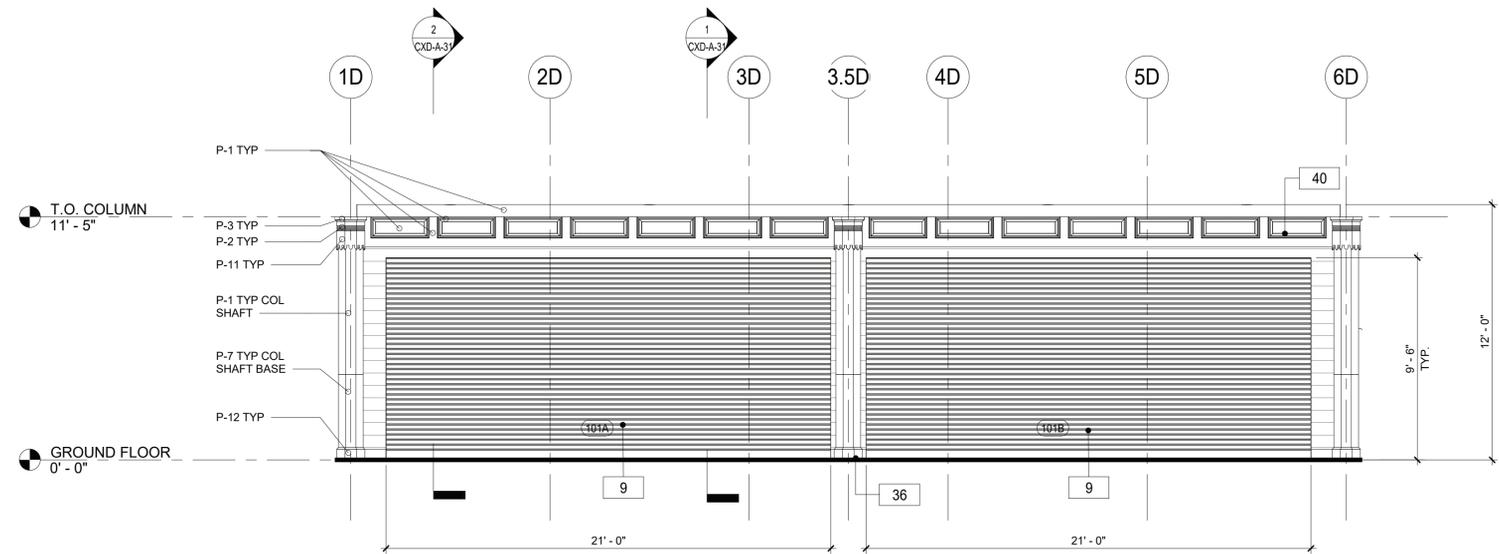
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RECORD DRAWING CERTIFICATION  
 AS BUILT - CHANGES AS NOTED     AS BUILT - NO CHANGES

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

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

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-21</b> |
| DWG NO.: 200 of 664                     |                                 |
| SCALE: <b>As indicated</b>              |                                 |
| DATE: <b>08/23/2022</b>                 |                                 |
| DPW FILE NUMBER<br><b>1-118-A-949-0</b> | REV. NO.<br><b>0</b>            |



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

**FLOOR PLAN GENERAL NOTES**

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

**PAINTING SCHEDULE**

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

**CONSTRUCTION KEYNOTES**

|    |   |
|----|---|
| 9  | PROVIDE AND INSTALL ROLL DOWN DOOR. SEE DETAILS AND SCHEDULE. |
| 36 | NEW PILASTER TO MATCH COLUMN ENCLOSURE AS INDICATED           |
| 40 | NEW WOOD DETAIL PANELS ON EXTERIOR WALL                       |

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CONSULTANT INFORMATION



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**RECORD DRAWING CERTIFICATION**

AS BUILT - CHANGES AS NOTED  AS BUILT - NO CHANGES

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

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

**INFRASTRUCTURE REHABILITATION PHASE 3  
PLAYLAND PARK, RYE, NEW YORK  
CROSS AXIS BUILDING D  
CXD - EXTERIOR BUILDING PORCH ELEVATIONS**

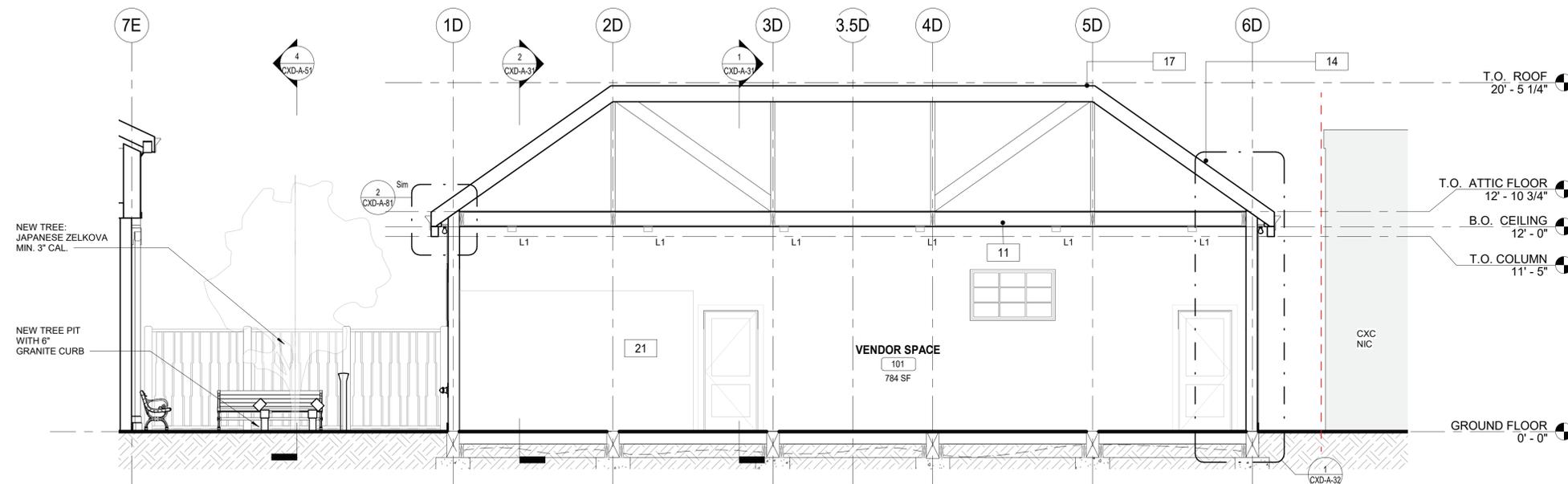
|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-22</b> |
| DWG NO.: 201 of 664                     |                                 |
| SCALE: <b>As indicated</b>              |                                 |
| DATE: <b>08/23/2022</b>                 |                                 |
| DPW FILE NUMBER<br><b>1-118-A-950-0</b> | REV. NO.<br><b>0</b>            |

**FLOOR PLAN GENERAL NOTES**

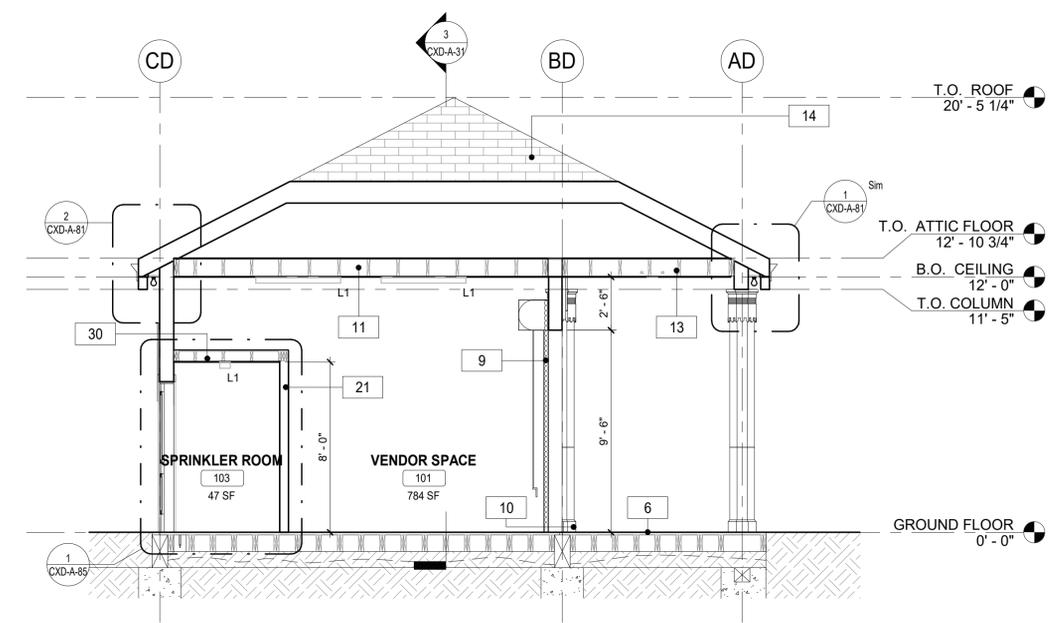
1. DIMENSIONS ARE TO FACE OF GYPSUM WALL BOARD, GRID LINES, OR CENTERLINE OF COLUMN. ALL ELEVATIONS ARE NOTED FROM FINISH FLOOR ELEVATIONS.
2. PROVIDE DRYWALL TRIM AT ALL EXPOSED EDGES AND CORNERS.
3. MINIMUM DIMENSION FROM ANY CORNER OR WALL TO FRAMING STUD AT DOOR JAMB OPENING SHALL BE 4" (U.N.O.).
4. PROVIDE METAL BLOCKING FOR ANY WALL MOUNTED EQUIPMENT OR ACCESSORIES. COORDINATE ALL BLOCKING REQUIREMENTS NECESSARY WITH OTHER TRADES.
5. THE GC SHALL VERIFY DIMENSIONS OF THE EXISTING SPACE AND OF ANY EXISTING CONSTRUCTION TO REMAIN BY ACTUAL MEASUREMENT BEFORE ANY WORK IS PERFORMED. IF ANY MEASUREMENTS DIFFER FROM DIMENSIONS SHOWN ON PLAN, GC IS TO NOTIFY THE ARCHITECT IMMEDIATELY. THE GC SHALL BE RESPONSIBLE FOR CORRECTING ANY AND ALL DISCREPANCIES FOUND AFTER THE WORK IS PERFORMED, AT NO ADDITIONAL EXPENSE TO THE OWNER.
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12. GC TO COORDINATE ALL UTILITY STUB-UPS AND LOCATION OF ALL EQUIPMENT PRIOR TO INSTALLING ANY ONE ITEM.
13. REFER TO SHEET CXD-A-80 FOR PARTITION TYPE INFORMATION.
14. PROVIDE PAINTED ACCESS PANELS IN WALLS & CEILING AT CONCEALED ITEMS SUCH AS VALVES, CONTROLS, SWITCHES OR ANY OTHER ITEMS THAT REQUIRES ACCESS. GC TO DETERMINE ACCESS PANEL LOCATION W/ ARCHITECT PRIOR TO INSTALLATION.

**CONSTRUCTION KEYNOTES**

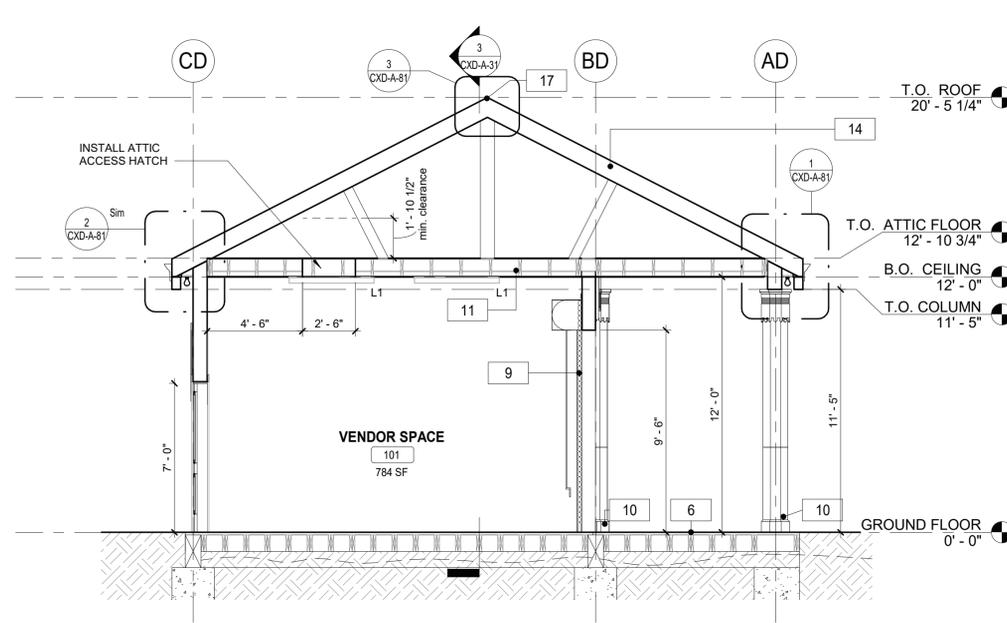
|    |  |
|----|--|
| 6  | INSTALL NEW IPE DECKING. SEE STRUCTURAL FOR DETAILS.   |
| 9  | PROVIDE AND INSTALL ROLL DOWN DOOR. SEE DETAILS AND SCHEDULE.  |
| 10 | PROVIDE AND INSTALL COLUMN ENCLOSURES. SEE DETAILS.  |
| 11 | PROVIDE AND INSTALL T1-11 CEILING.   |
| 13 | PROVIDE CONCRETE SLAB. REFER TO STRUCTURAL DRAWINGS.   |
| 14 | PROVIDE NEW ASPHALT SHINGLE ROOFING UNDERLAYMENT, AND REPLACE IN KIND EXISTING DECKING AS REQUIRED (COORDINATE WITH STRUCTURAL). |
| 17 | PROVIDE AND INSTALL RIDGE VENT AT ROOF HIP.  |
| 21 | NEW INTERIOR WALL. SEE WALL SCHEDULE.  |
| 30 | NEW 2x6 WOOD FLOOR.  |



**3 CXD - SECTION**  
1/4" = 1'-0"



**2 CXD - CROSS SECTION 2**  
1/4" = 1'-0"



**1 CXD - CROSS SECTION 1**  
1/4" = 1'-0"

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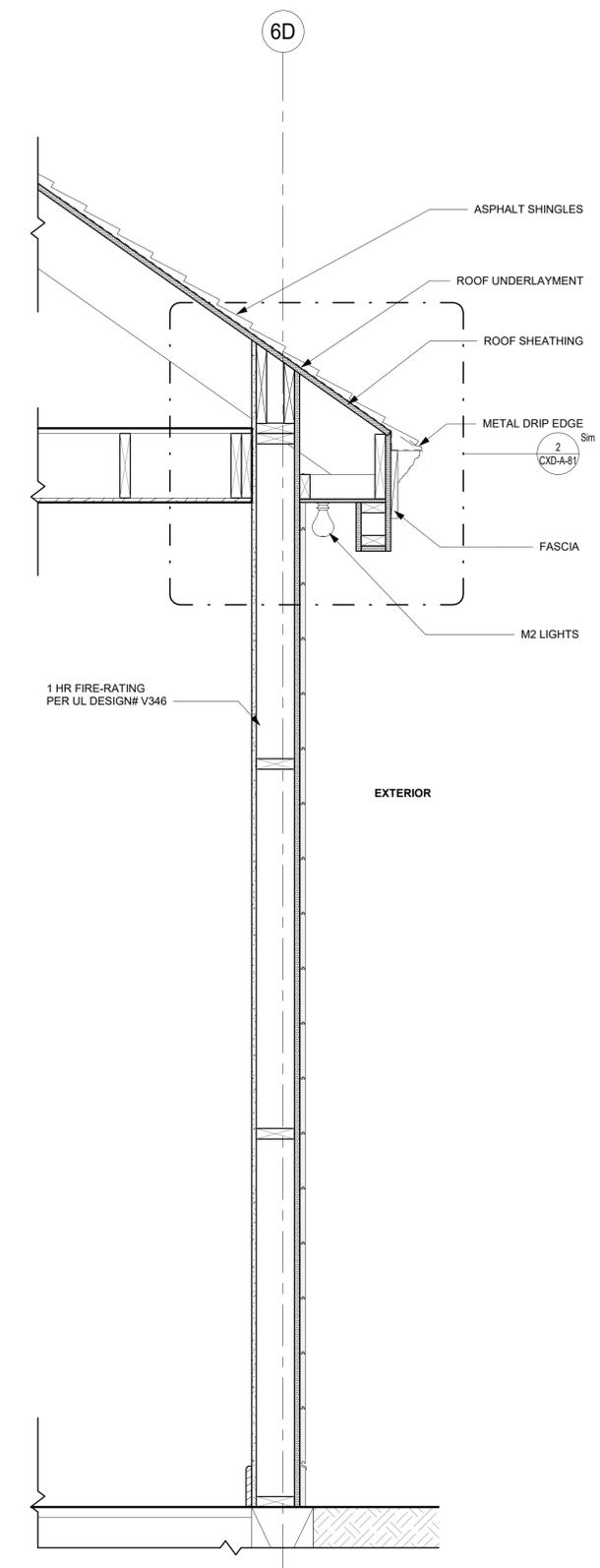
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RECORD DRAWING CERTIFICATION  
 AS BUILT - CHANGES AS NOTED     AS BUILT - NO CHANGES

|            |           |                     |           |
|------------|-----------|---------------------|-----------|
| CONTRACTOR |           | PROJECT COORDINATOR |           |
| NAME       | SIGNATURE | NAME                | SIGNATURE |
| TITLE      | DATE      | TITLE               | DATE      |

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

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-31</b> |
| DWG NO.: 202 of 664                     | SCALE: 1/4" = 1'-0"             |
| DATE: 08/23/2022                        | REV. NO. 0                      |
| DPW FILE NUMBER<br><b>1-118-A-951-0</b> |                                 |



1 CXD - WALL SECTION  
1" = 1'-0"

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RECORD DRAWING CERTIFICATION

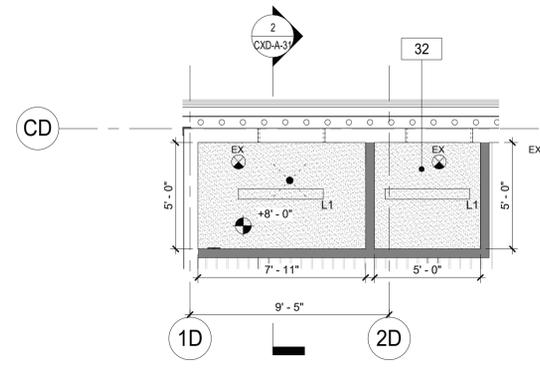
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|             |                 |                     |                 |
|-------------|-----------------|---------------------|-----------------|
| CONTRACTOR  |                 | PROJECT COORDINATOR |                 |
| NAME _____  | SIGNATURE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

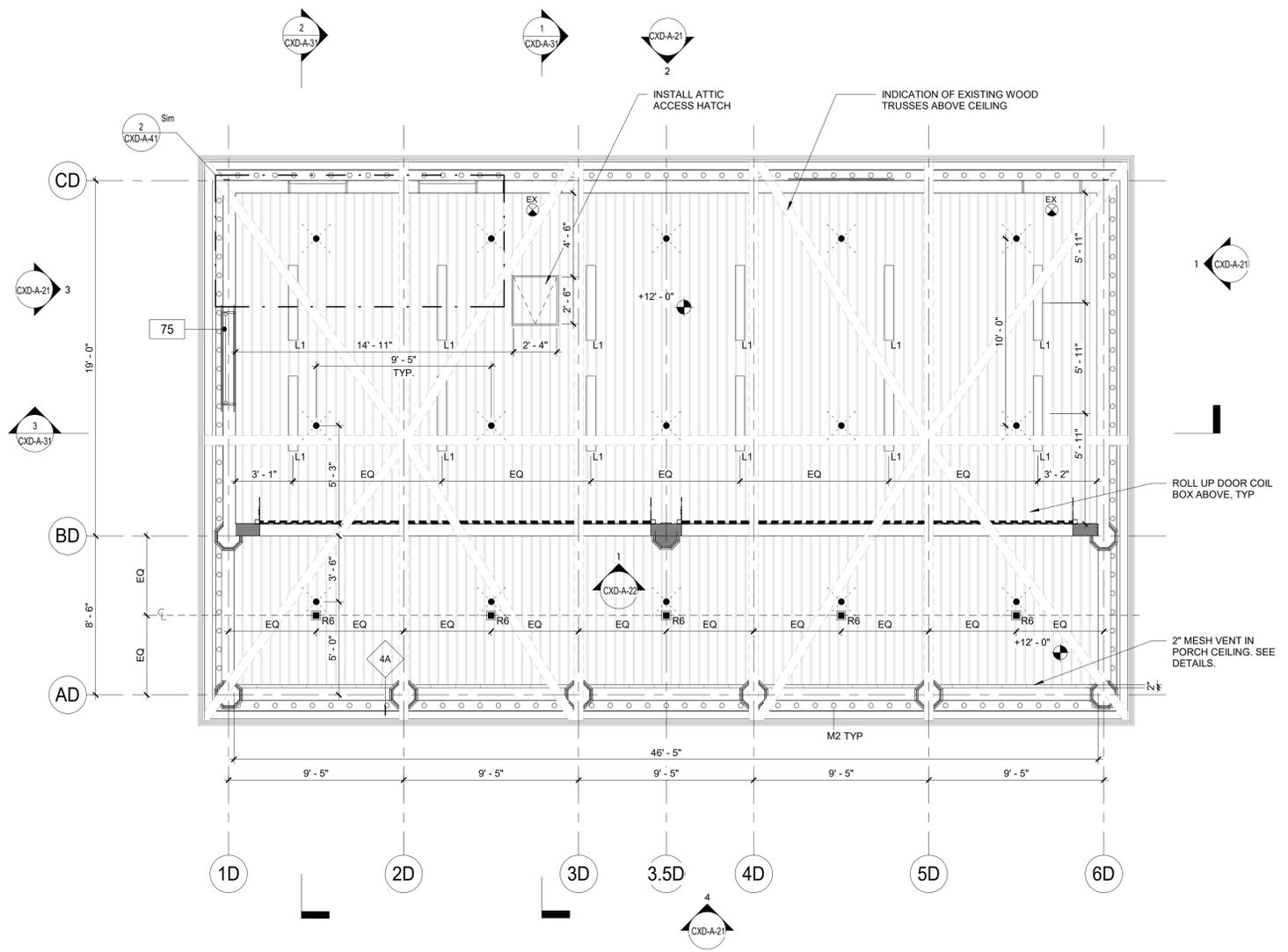
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DIVISION OF ENGINEERING

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

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-32</b> |
| DWG NO.: 203 of 664                     |                                 |
| SCALE: 1" = 1'-0"                       |                                 |
| DATE: 08/23/2022                        |                                 |
| DPW FILE NUMBER<br><b>1-118-A-952-0</b> | REV. NO.<br><b>0</b>            |



2 CXD - GROUND FLOOR UTILITIES RCP  
1/4" = 1'-0"



1 CXD - GROUND FLOOR RCP  
1/4" = 1'-0"

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

- GENERAL REFLECTED CEILING PLAN NOTES**
1. CONTRACTOR SHALL PROVIDE THE NECESSARY FRAMING OR BRIDGING FOR ALL LIGHT FIXTURES, DIFFUSERS, RETURNS, ETC., AS WELL AS REQUIRED CUTOUTS.
  2. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY POSSIBLE INTERFERENCES BEFORE PROCEEDING WITH CEILING INSTALLATION.
  3. CEILING CONSTRUCTION SHALL NOT BE CLOSED IN UNTIL THE CONSTRUCTION MANAGER AND AUTHORITIES HAVING JURISDICTION HAVE HAD AN OPPORTUNITY TO INSPECT THE AREA AND ASCERTAIN THAT ALL DUCTWORK, PLUMBING, ELECTRICAL CONDUITS AND LINES HAVE BEEN INSTALLED PROPERLY.
  4. FASCIAS OR ANY BREAK IN THE CEILING HEIGHTS CREATED BY THE INSTALLATION AND/OR ALTERATION OF HEATING, VENTILATING, A/C OR MECHANICAL DUCTS, PIPING OR OTHER EQUIPMENT SHALL BE FORMED OF GYPSUM WALLBOARD ON FURRING CHANNELS.
  5. THE CEILING PANEL JOINTS SHALL BE ALIGNED PERFECTLY WITH LIGHTING FIXTURES.
  6. ALL JOINTS IN THE PANEL SHALL BE SQUARE, LEVEL AND PERFECTLY ALIGNED WITH EACH OTHER AND WITH BUILDING FIXTURES.
  7. CONTRACTOR SHALL PROVIDE CUTOUTS AND OTHER SPECIAL PROVISIONS IN ACOUSTICAL WORK AS REQUIRED FOR LIGHTING FIXTURES, REGISTERS, DIFFUSERS AND OTHER INSERTED ITEMS. GENERAL CONSTRUCTION CONTRACTOR SHALL INSTALL ACCESS PANELS IN GYPSUM DRYWALL CEILINGS FOR ACCESS TO AIR CONDITIONING, PLUMBING, TELEPHONE & ELECTRICAL CONTROL EQUIPMENT REQUIRING ACCESS.
  8. IN GENERAL, WITHIN EACH AREA, CEILING WORK REQUIREMENTS SHALL BE EXECUTED IN SUCH A MANNER AS TO PROVIDE CONTINUOUS MATCHED AND ALIGNED CEILINGS. THE FINAL CEILING INSTALLATION SHALL BE FREE OF ALL VISUAL DEFECTS.

**CONSTRUCTION KEYNOTES**

|    |  |
|----|--|
| 32 | NEW 3/4" FIRE RETARDANT PLYWOOD FLOOR ABOVE ELECTRICAL ROOM. |
| 75 | REINSTALL SALVAGED WINDOWS FROM CXF (SEE CXF-A-01).          |

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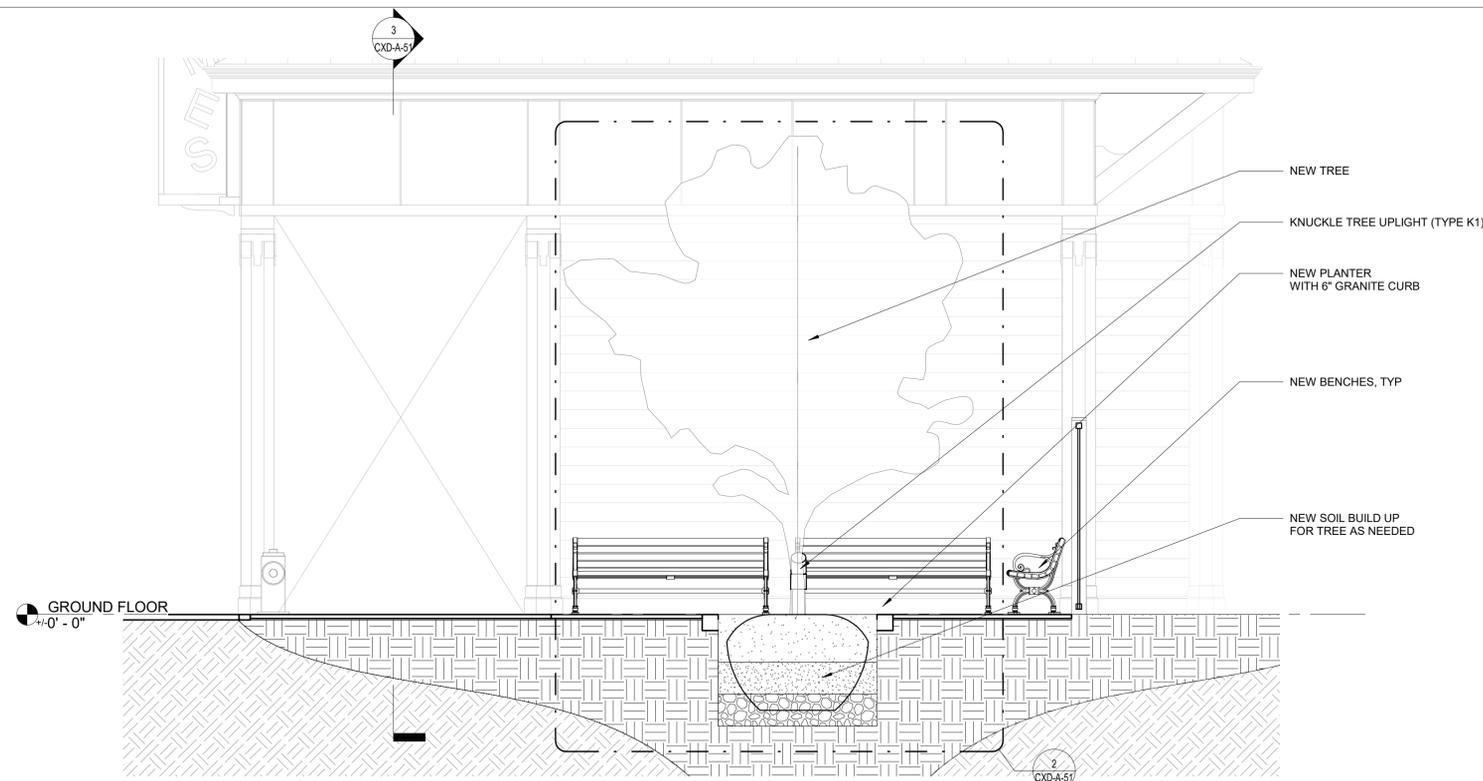
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|            |           |                     |           |
|------------|-----------|---------------------|-----------|
| CONTRACTOR |           | PROJECT COORDINATOR |           |
| NAME       | SIGNATURE | NAME                | SIGNATURE |
| TITLE      | DATE      | TITLE               | DATE      |

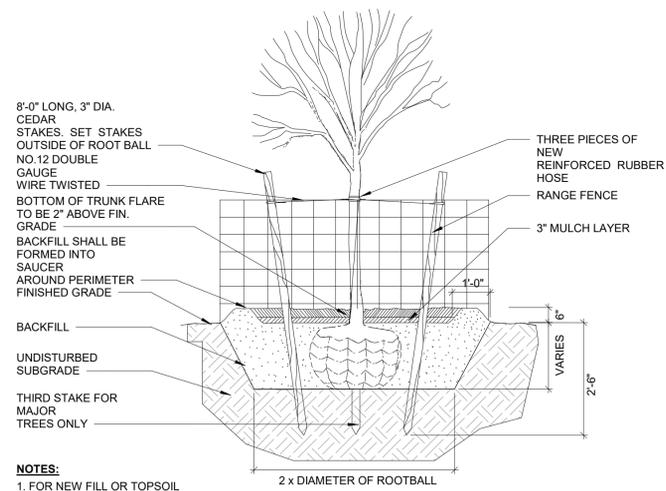
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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
DIVISION OF ENGINEERING

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

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-41</b> |
| DWG NO.: 204 of 664                     |                                 |
| SCALE: <b>As indicated</b>              |                                 |
| DATE: <b>08/23/2022</b>                 |                                 |
| DPW FILE NUMBER<br><b>1-118-A-953-0</b> | REV. NO.<br><b>0</b>            |

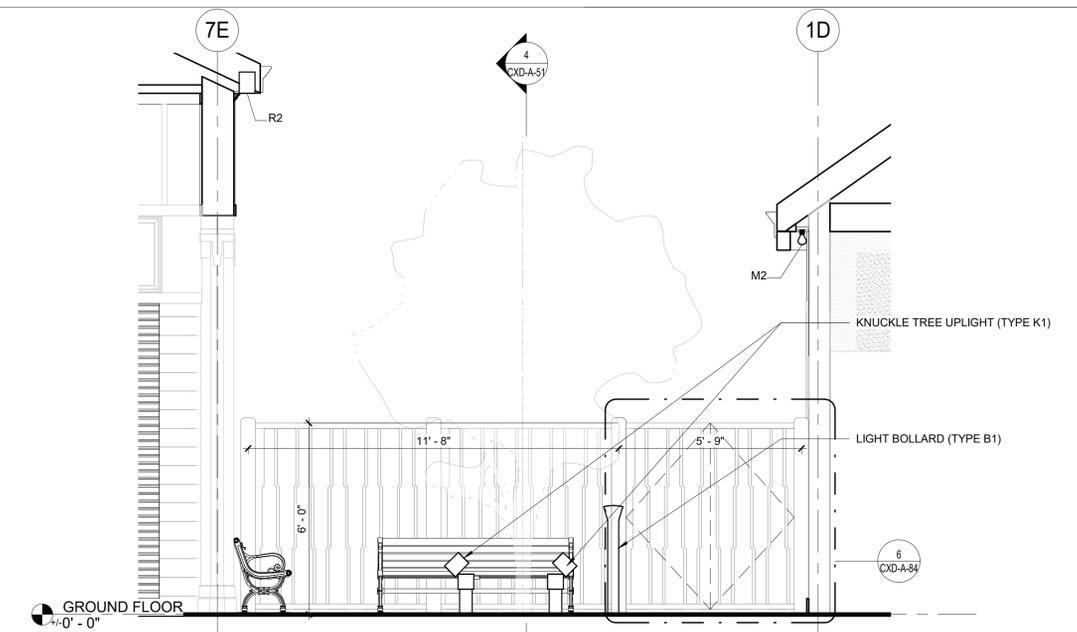


4 COURTYARD SECTION  
3/8" = 1'-0"

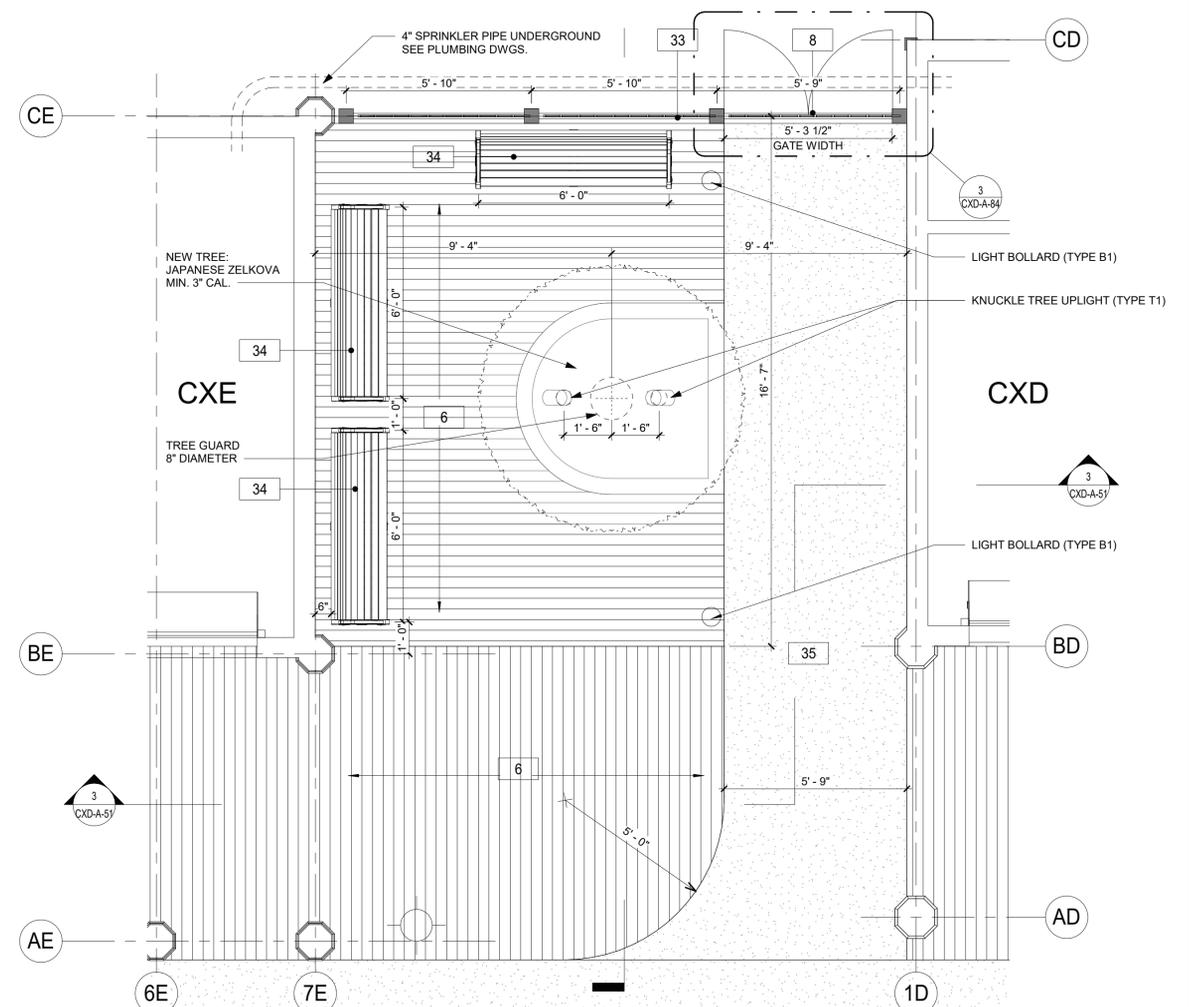


**NOTES:**  
1. FOR NEW FILL OR TOPSOIL AREAS; ROTOTILL/CULTIVATE SOILS TO A DEPTH EQUAL TO THE DEPTH OF ROOT BALL AND TWO (2) TIMES THE DIAMETER OF THE ROOT BALL.  
2. REMOVE ALL WIRE, PLASTIC, TAGS OR OTHER SYNTHETIC MATERIAL FROM TREE PRIOR TO PLANTING.

2 TYPICAL TREE PLANTING DETAIL  
3/8" = 1'-0"



3 COURTYARD SECTION 2  
3/8" = 1'-0"



1 COURTYARD PLAN  
3/8" = 1'-0"

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CONSULTANT INFORMATION

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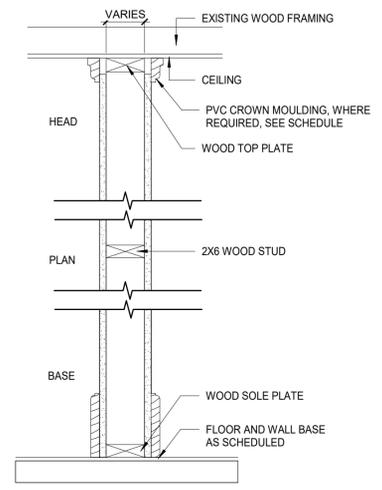
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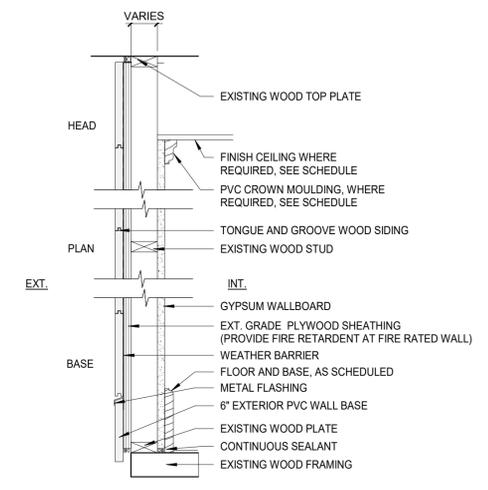
CONTRACTOR: NAME \_\_\_\_\_ SIGNATURE \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
PROJECT COORDINATOR: NAME \_\_\_\_\_ SIGNATURE \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
DIVISION OF ENGINEERING  
INFRASTRUCTURE REHABILITATION PHASE 3  
PLAYLAND PARK, RYE, NEW YORK  
CROSS AXIS BUILDING D  
COURTYARD PLANS

|                                  |                          |
|----------------------------------|--------------------------|
| CONTRACT NUMBER<br>22-523        | SHEET NUMBER<br>CXD-A-51 |
| DWG NO.: 205 of 664              | SCALE: 3/8" = 1'-0"      |
| DATE: 08/23/2022                 | REV. NO. 0               |
| DPW FILE NUMBER<br>1-118-A-954-0 |                          |

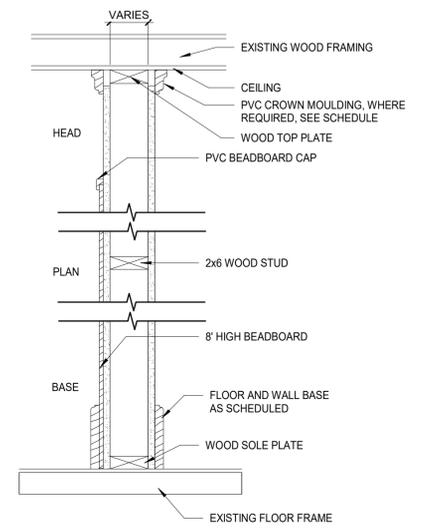


**1B NO RATING**  
 1 LAYER 5/8" IMPACT & MOLD-RESISTANT GYP. BD. TO CEILING, ON EACH SIDE



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

**2A 1HR FIRE RATING- BXUV.V346-ANSIUL 263**  
 1 LAYER 5/8" GWB-X M-BLOC - MOISTURE-RESISTANT, 2X6 WOOD STUD, 1 LAYER 5/8" GWB-X M-BLOC - MOISTURE-RESISTANT, 3/4" FIRE-RETARDANT SHEATHING, 1/8" DRAINAGE TYPE BARRIER, WOOD SIDING

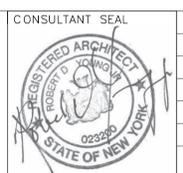


**3 NO RATING**  
 1 LAYER 5/8" IMPACT & MOLD-RESISTANT GYP. BD. TO CEILING, ON EACH SIDE. 8" HIGH BEADBOARD ON VENDOR SPACE(S) SIDE WITH PVC BEADBOARD CAP

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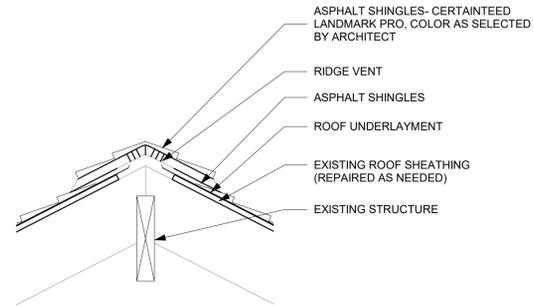
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|-----------------|-----------------|---------------------|-----------------|
| CONTRACTOR      |                 | PROJECT COORDINATOR |                 |
| NAME _____      | NAME _____      | NAME _____          | NAME _____      |
| SIGNATURE _____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

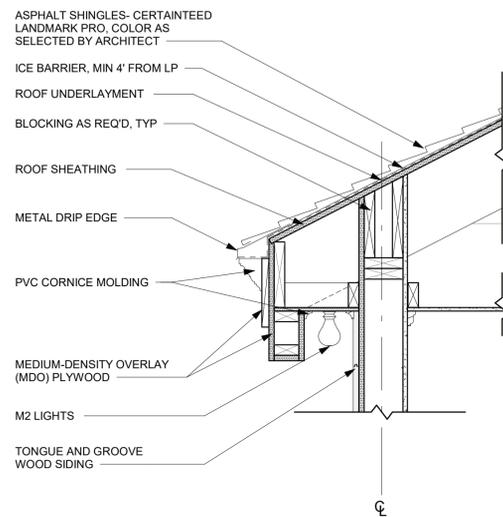
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 DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION PHASE 3  
 PLAYLAND PARK, RYE, NEW YORK  
 CXD - CXE - CXF  
 PARTITION TYPE DETAILS**

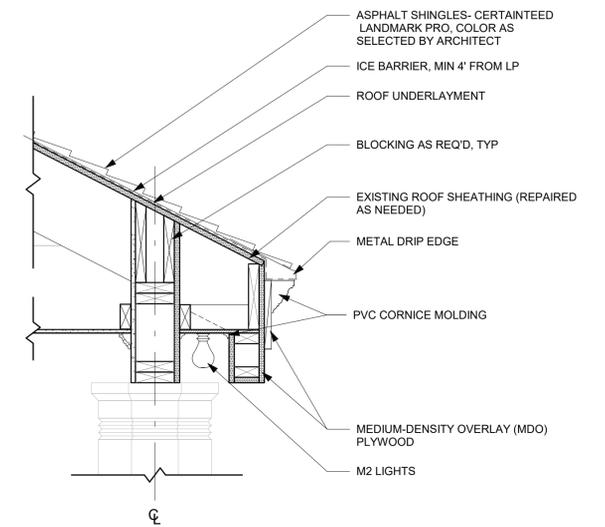
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| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-80</b> |
| DWG NO.: 206 of 664                     |                                 |
| SCALE: 1 1/2" = 1'-0"                   |                                 |
| DATE: 08/23/2022                        |                                 |
| DPW FILE NUMBER<br><b>1-118-A-955-0</b> | REV. NO.<br><b>0</b>            |



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



2 CXD - MARQUEE SOFFIT DETAIL  
1" = 1'-0"



1 CXD - PORCH MARQUEE SOFFIT DETAIL  
1" = 1'-0"

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CONSULTANT INFORMATION

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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED     AS BUILT - NO CHANGES

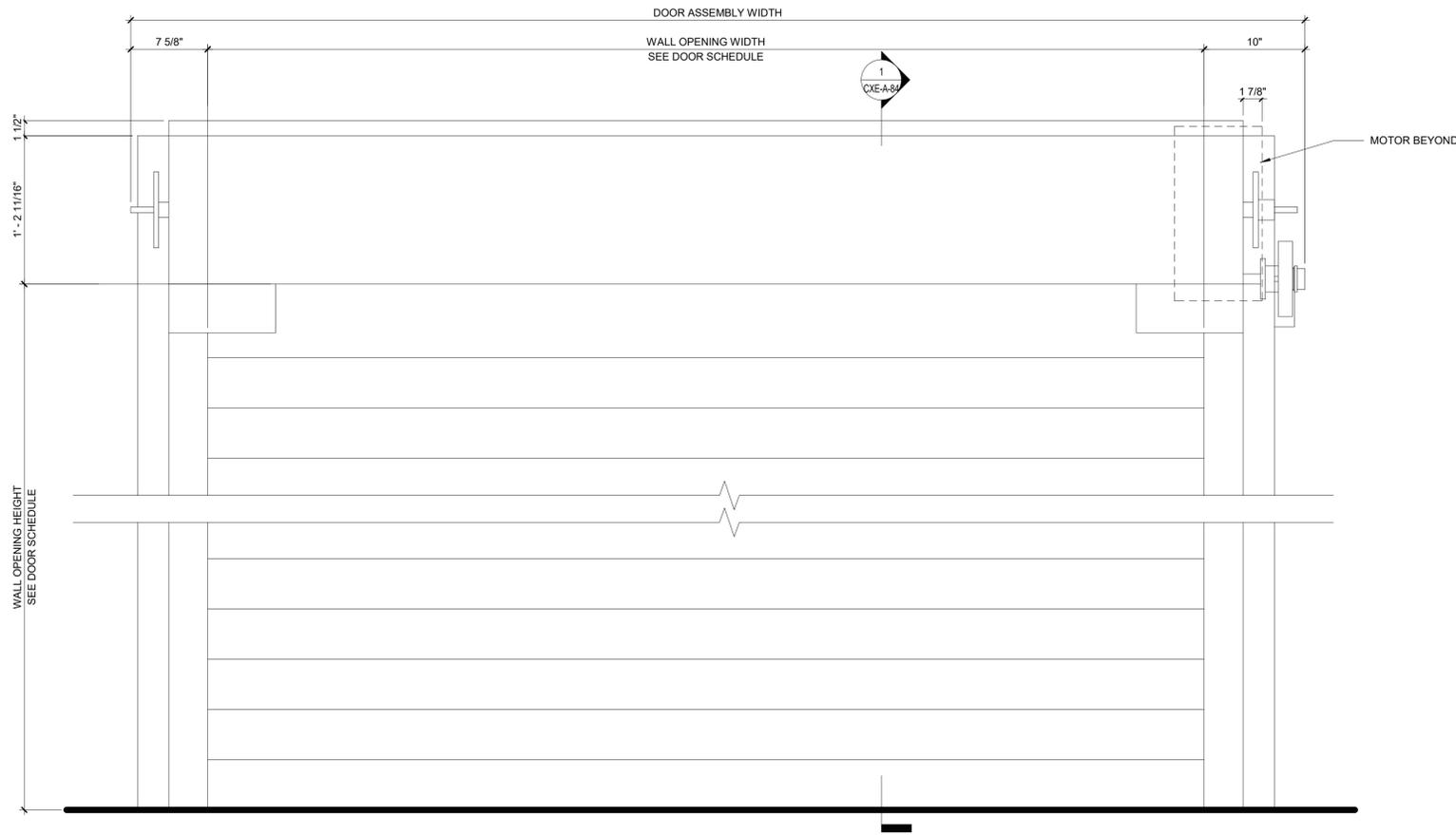
| CONTRACTOR  |                 | PROJECT COORDINATOR |                 |
|-------------|-----------------|---------------------|-----------------|
| NAME _____  | SIGNATURE _____ | NAME _____          | SIGNATURE _____ |
| TITLE _____ | DATE _____      | TITLE _____         | DATE _____      |

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

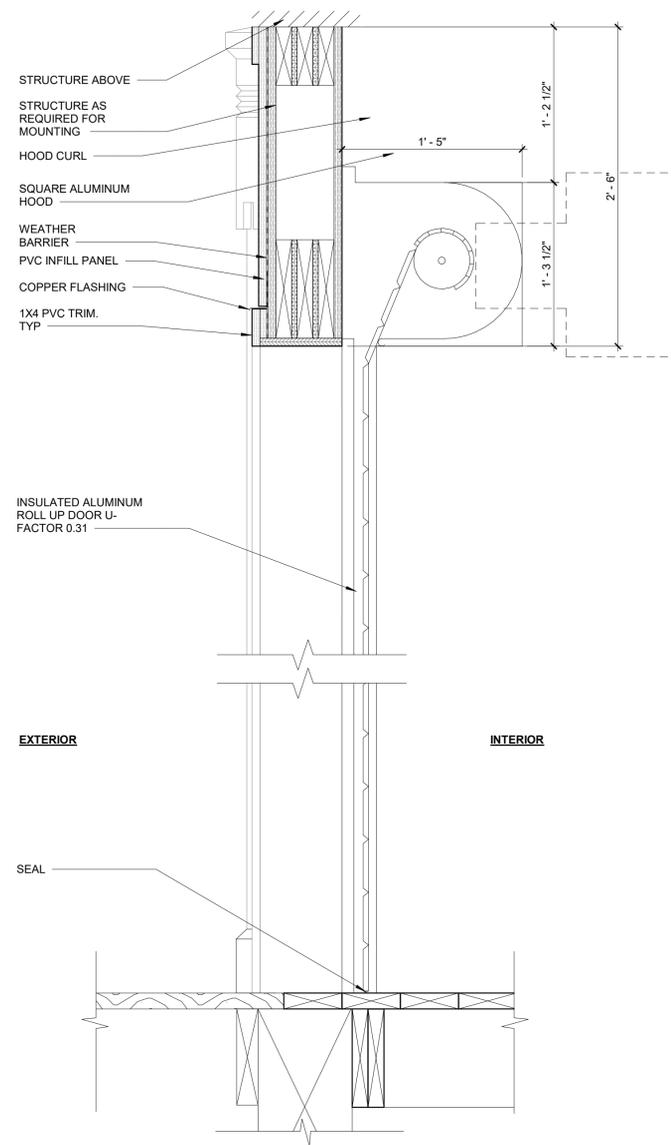
**INFRASTRUCTURE REHABILITATION PHASE 3  
PLAYLAND PARK, RYE, NEW YORK  
CROSS AXIS BUILDING D  
ROOF DETAILS**

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-81</b> |
| DWG NO.: 207 of 664                     |                                 |
| SCALE: 1" = 1'-0"                       |                                 |
| DATE: 08/23/2022                        |                                 |
| DPW FILE NUMBER<br><b>1-118-A-956-0</b> | REV. NO.<br><b>0</b>            |

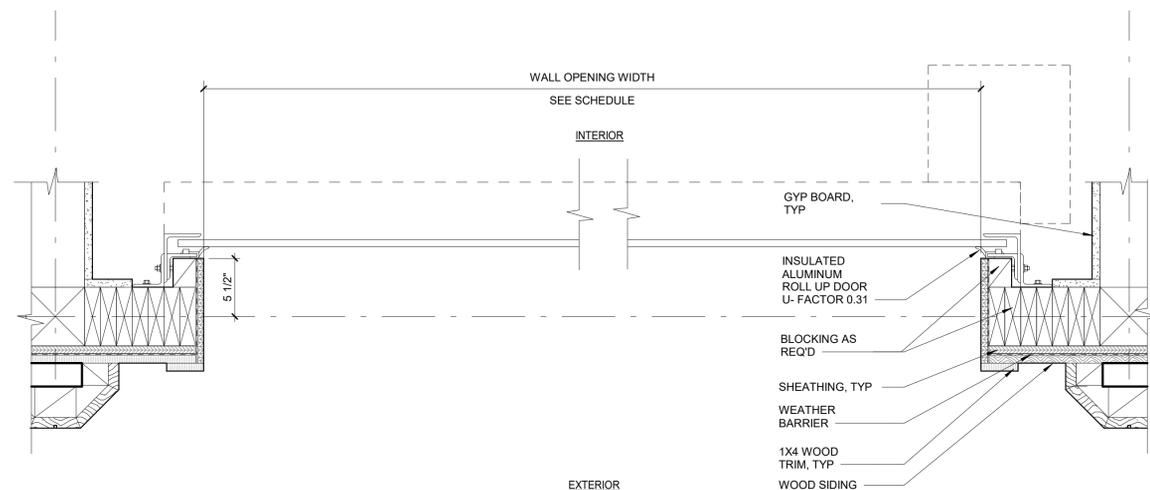




3 CXD ROLL UP DOOR ELEVATION DETAIL  
1 1/2" = 1'-0"



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



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

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| RECORD DRAWING CERTIFICATION                         |  |                     |                 |
|--|--|---------------------|-----------------|
| <input type="checkbox"/> AS BUILT - CHANGES AS NOTED | <input type="checkbox"/> AS BUILT - NO CHANGES |                     |                 |
| CONTRACTOR   |  | PROJECT COORDINATOR |                 |
| NAME _____   | NAME _____                                     | NAME _____          | NAME _____      |
| SIGNATURE _____                                      | SIGNATURE _____                                | SIGNATURE _____     | SIGNATURE _____ |
| TITLE _____  | TITLE _____                                    | TITLE _____         | TITLE _____     |

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

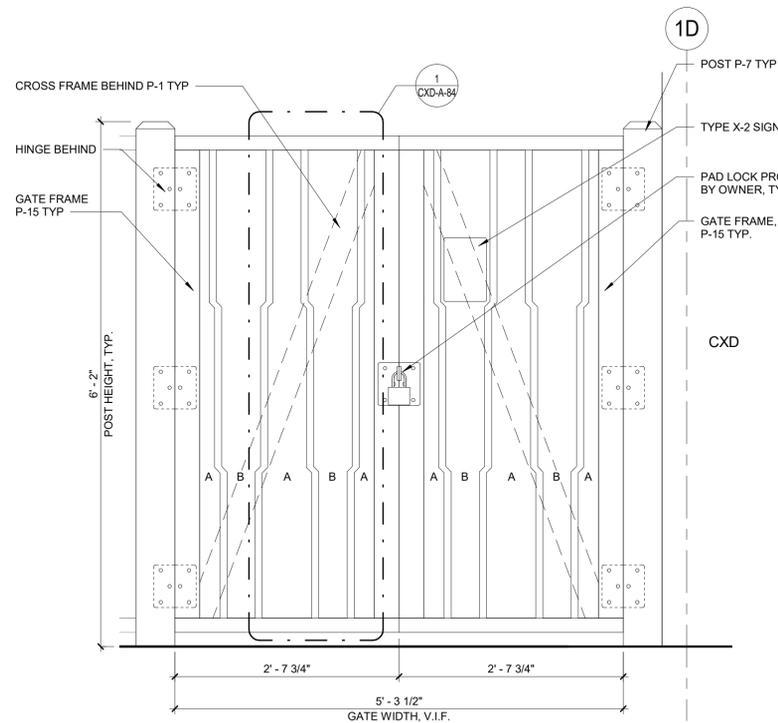
|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-83</b> |
| DWG NO.: 209 of 664                     |                                 |
| SCALE: 1 1/2" = 1'-0"                   |                                 |
| DATE: 08/23/2022                        |                                 |
| DPW FILE NUMBER<br><b>1-118-A-958-0</b> | REV. NO.<br><b>0</b>            |

**FENCE & GATE PAINTING SCHEDULE**

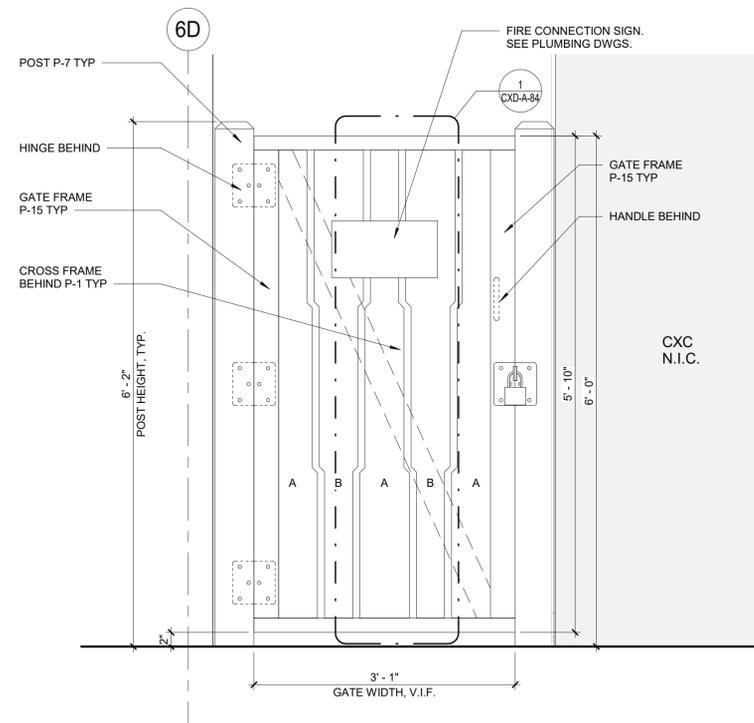
| COMPONENTS       | COLOR |
|------------------|-------|
| POSTS            | P-7   |
| RAILS            | P-1   |
| BALLUSTER, A     | P-15  |
| BALLUSTER, B     | P-1   |
| GATE FRAME       | P-15  |
| GATE CROSS FRAME | P-1   |
| HARDWARE         | BLACK |

**PAINTING SCHEDULE**

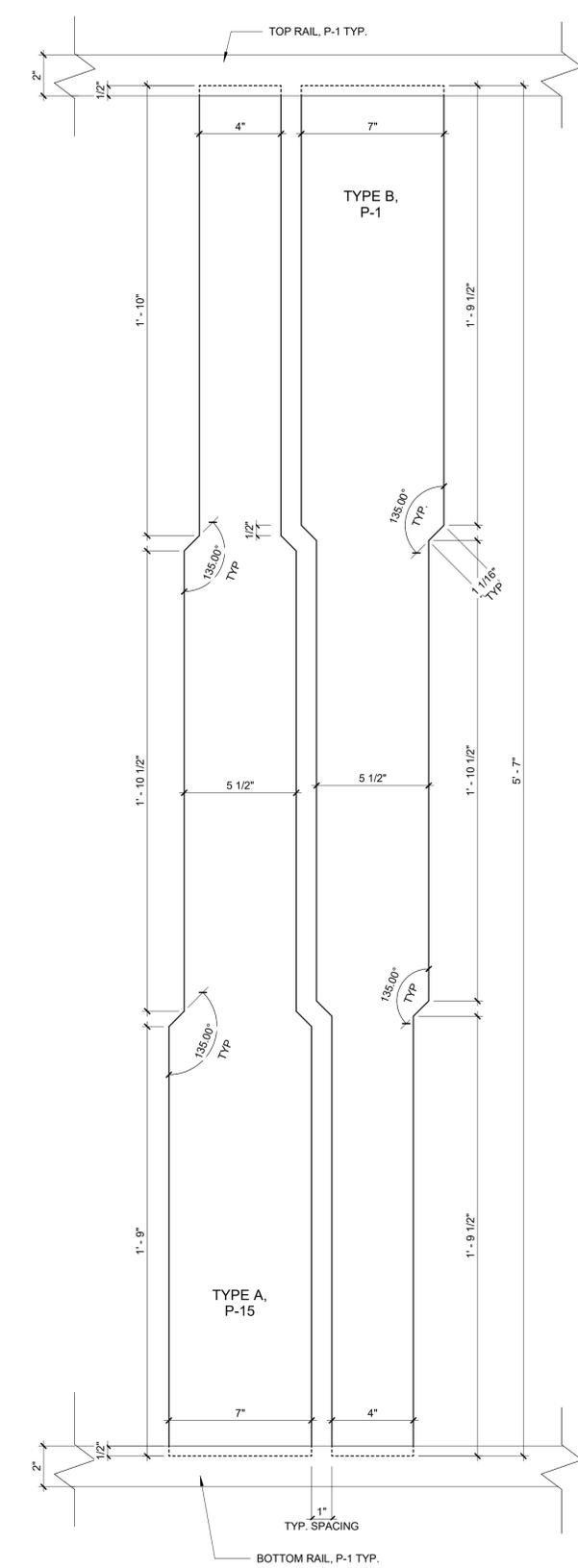
| KEY  | COLOR                       | MANUFACTURER     | REMARKS           |
|------|-----------------------------|------------------|-------------------|
| P-1  | MYSTICAL POWERS #901        | BENJAMIN MOORE   |                   |
| P-2  | HERITAGE RED #HC-181        | BENJAMIN MOORE   |         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



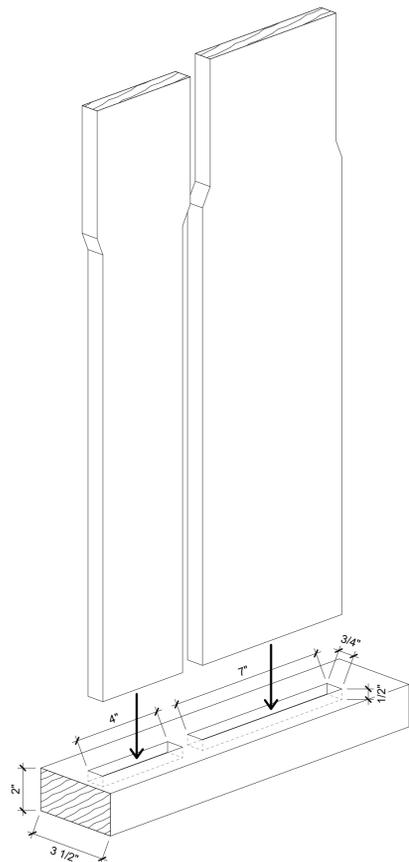
6 COURTYARD GATE ELEVATION (EX1)  
1" = 1'-0"



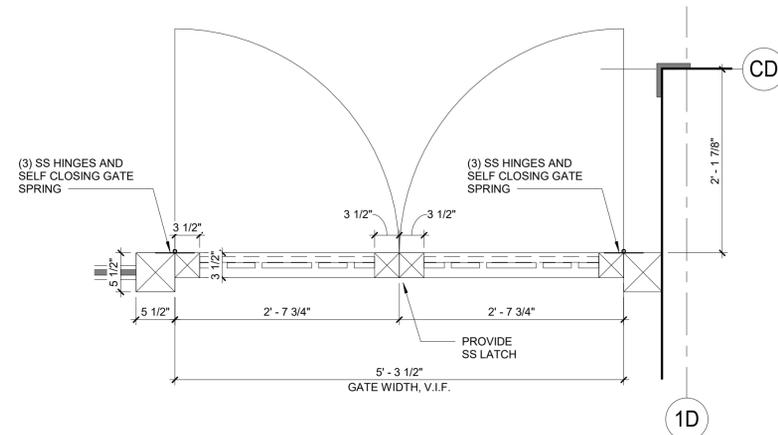
5 CXD GATE ELEVATION (EX2)  
1" = 1'-0"



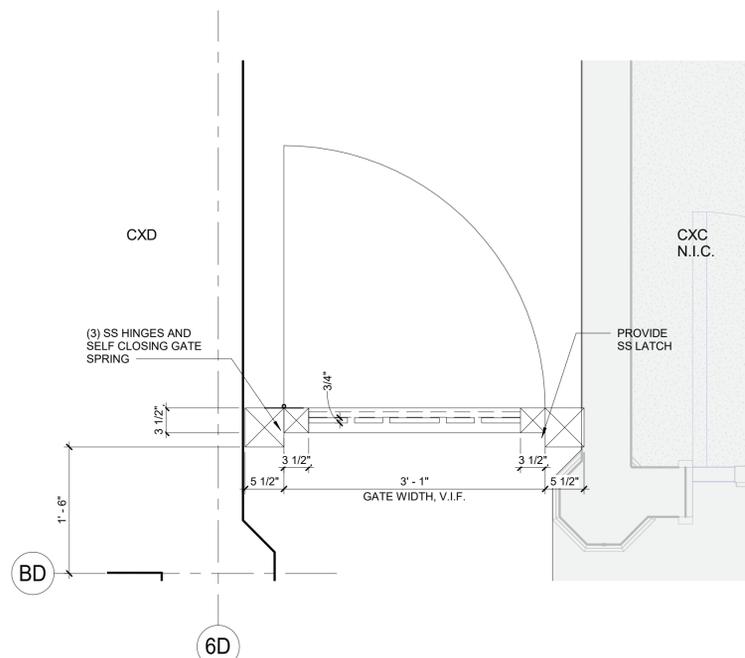
1 TYPICAL FENCE  
3" = 1'-0"



4 RAIL NOTCH DETAIL  
3" = 1'-0"



3 COURTYARD GATE PLAN (EX1)  
1" = 1'-0"



2 CXD GATE PLAN (EX2)  
1" = 1'-0"

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CONSULTANT SEAL

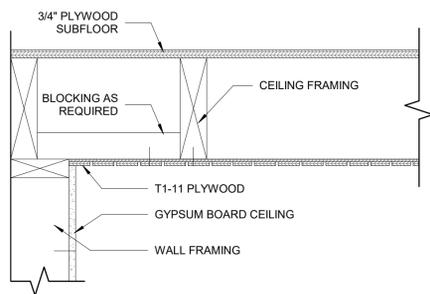
| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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|                 |      |         |          |          |

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

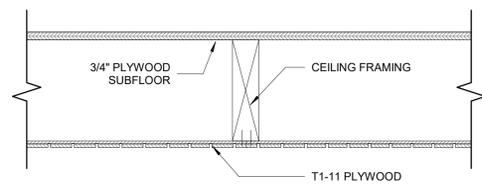
CONTRACTOR: \_\_\_\_\_ PROJECT COORDINATOR: \_\_\_\_\_  
 NAME: \_\_\_\_\_ NAME: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_  
 TITLE: \_\_\_\_\_ TITLE: \_\_\_\_\_

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

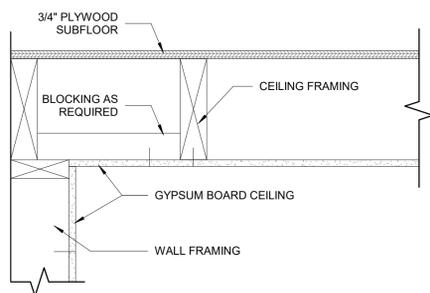
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|----------------------------------|---|
| CONTRACT NUMBER<br><b>22-523</b> | SHEET NUMBER<br><b>CXD-A-84</b>         |
| DWG NO.: 210 of 664              | SCALE: <b>As indicated</b>              |
| DATE: <b>08/23/2022</b>          | DPW FILE NUMBER<br><b>1-118-A-959-0</b> |
| REV. NO. <b>0</b>                |   |



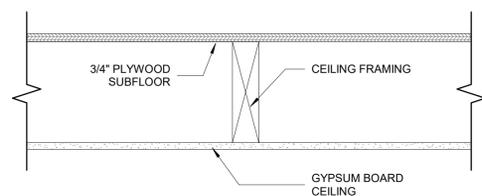
5 T1-11 FRAMING PARALLEL TO WALL  
1 1/2" = 1'-0"



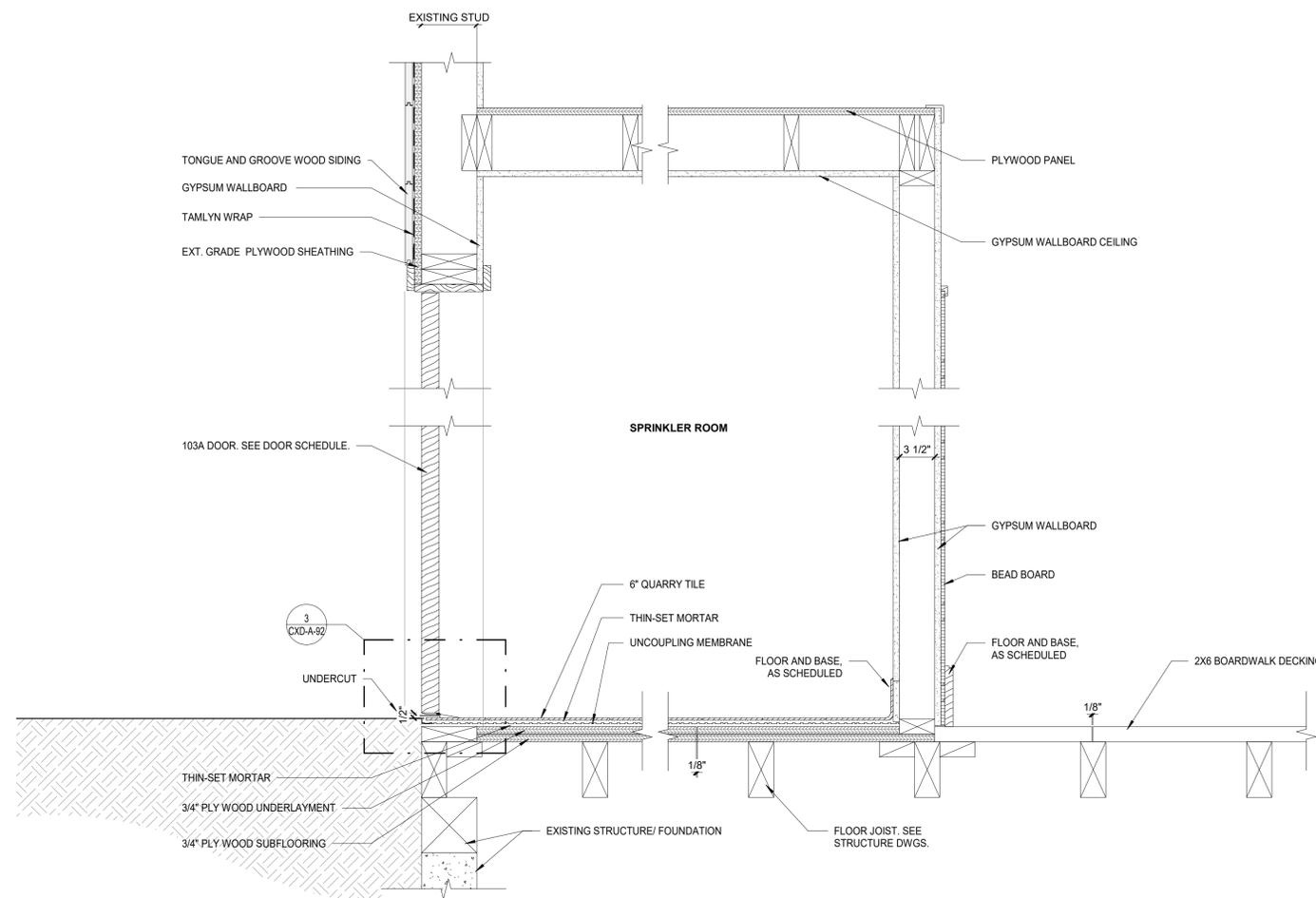
4 T1- 11 FRAMING DETAIL  
1 1/2" = 1'-0"



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



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



1 SPRINKLER ROOM DETAIL  
1 1/2" = 1'-0"

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RECORD DRAWING CERTIFICATION

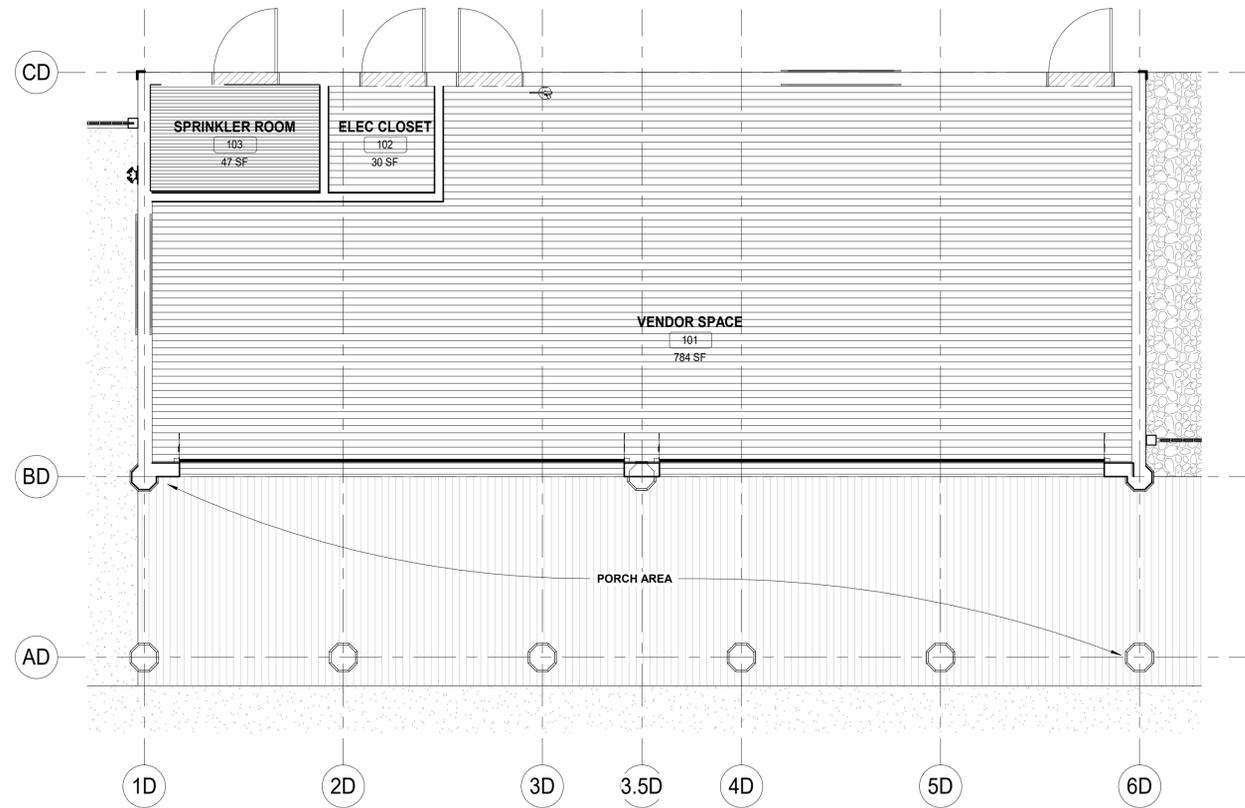
AS BUILT - CHANGES AS NOTED     AS BUILT - NO CHANGES

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

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

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

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-85</b> |
| DWG NO.: 211 of 664                     |                                 |
| SCALE: 1 1/2" = 1'-0"                   |                                 |
| DATE: 08/23/2022                        |                                 |
| DPW FILE NUMBER<br><b>1-118-A-960-0</b> | REV. NO.<br><b>0</b>            |



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

**FINISH LEGEND:**

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

**FINISH PLAN NOTES:**

1. INDICATES TYPICAL FINISHES WITHIN ROOM, U.O.N. SEE SHEET CXB-A-65 FOR MATERIAL AND COLOR SCHEDULE.
2. ALL FLOORING COVERING MATERIALS TO BE INSTALLED PER MANUFACTURER'S STANDARD DETAILS AND SPECIFICATIONS. VERIFY WITH MANUFACTURER PRIOR TO INSTALLATION.
3. THE G.C. IS RESPONSIBLE FOR PROVIDING A SMOOTH LEVEL FLOOR SURFACE THAT MEETS MANUFACTURER'S INSTALLATION SPECIFICATIONS PRIOR TO THE INSTALLATION OF ALL FLOORING MATERIALS.
4. THE FLOORING SUB-CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT THE CONDITION OF THE BASE FLOOR MEETS THE INSTALLATION SPECIFICATIONS PRIOR TO THE INSTALLATION OF THE NEW FLOORING MATERIAL.
5. ALL MATERIAL TRANSITIONS AND DOOR THRESHOLDS TO TAKE PLACE AT DOOR CENTERLINE U.N.O.
6. ALL DIMENSIONS ARE TO CENTERLINE OF TRANSITION BETWEEN FLOORING MATERIALS OR FINISH COLOR OF SAME MATERIAL. PLANS DO NOT SHOW ALL TILES OF SAME MATERIALS. CONTRACTOR TO START TILES AT POINT AS INDICATED ON PLANS.
7. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER PREPARATION OF ALL NEW AND EXISTING SURFACES IN A SATISFACTORY MANNER TO RECEIVE NEW FINISHES. THIS INCLUDES THE DEMOLITION AND REMOVAL OF NECESSARY ITEMS, TOUCH-UP AND/OR REFINISH OF SURFACES DAMAGED BY SUBSEQUENT WORK SHALL BE PERFORMED IN CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDED INSTALLATION METHODS.
8. ALL SURFACES WHICH ARE TO RECEIVE A PAINT FINISH SHALL BE PRIMED AND FINISHED IN ACCORDANCE WITH THE WRITTEN SPECIFICATIONS.
9. ALL JOINTS IN GYPSUM BOARD WALLS SHALL BE FINISHED WITH PAPER TAPE 2" WIDE AND THREE COATS OF VINYL DRY OR PREMIXED JOINT COMPOUND. ALL OUTSIDE CORNERS SHALL BE FINISHED WITH METAL CORNER BEADS, TAPED AND SPACKLED. ALL AREAS TO BE PAINTED SHALL BE SANDED SMOOTH. JUST PRIOR TO THE APPLICATION OF THE FIRST COAT OF PAINT, WIPE SANDED SURFACES WITH A DAMP CLOTH IN ORDER TO LAY FLAT ANY NAP WHICH MAY HAVE FORMED IN SANDING.
10. THE PAINT CONTRACTOR SHALL REMOVE ALL HARDWARE, SWITCH COVERS, ETC. PRIOR TO PAINTING AND BE RESPONSIBLE FOR THE REINSTALLATION AFTER PAINTING IS COMPLETED.
11. FINISH FLOORING INSTALLATION SHALL BE IN CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES. COORDINATE THE INSTALLATION WITH OTHER TRADES, SUCH AS ELECTRICAL.
12. ALL JOINTS BETWEEN MATERIALS TO BE TIGHT AND CONSTRUCTED IN A NEAT WORKMANLIKE MANNER.
13. ALL FINISHES SHALL BE TOUCHED UP TO CORRECT ANY IMPERFECTIONS AFTER INSTALLATION. FIXTURE CONTRACTOR SHALL PROVIDE TO THE GENERAL CONTRACTOR ALL MATERIALS FOR TOUCH UP WORK.
14. THE INTENT OF THE FINISH SPECIFICATIONS IS TO PROVIDE A SATISFACTORY FINISH TO ALL PARTS OF THE WORK. COVER ALL SURFACES THOROUGHLY. IF THE SPECIFIED NUMBER OF COATS DOES NOT ACCOMPLISH THE INTENT, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPLICATION OF ADDITIONAL COATS OF THE SPECIFIED MATERIAL TO GIVE SATISFACTORY COVERAGE, AT NO ADDITIONAL COST TO OWNER.
15. CLEAN ALL GLASS SURFACES WITH LIQUID GLASS CLEANER AT PROJECT COMPLETION.
16. REFERENCE SPECIFICATIONS FOR COMPLETE FINISH DOCUMENTATION AND MANUFACTURER INSTALLATION AND MAINTENANCE DOCUMENTATION.

| FINISH SCHEDULE |                 |        |       |         |                              |           |
|-----------------|-----------------|--------|-------|---------|------------------------------|-----------|
| ROOM #          | ROOM NAME       | FLOORS | WALLS | CEILING | DOORS AND TRIM               | WALL BASE |
| 101             | VENDOR SPACE    | WD-1   | P-13  | P-13    | SEE DOOR SCHEDULE (CXD-A-92) | WB-1      |
| 102             | ELECTRICAL ROOM | WD-1   | P-13  | P-13    | SEE DOOR SCHEDULE (CXD-A-92) | WB-1      |
| 103             | SPRINKLER ROOM  | T-1    | P-13  | P-13    | SEE DOOR SCHEDULE (CXD-A-92) | WB-2      |
| -               | PORCH AREA      | WD-2   | -     | P-10    | -                            | -         |

| PAINT |  | (FOR PAINT TYPE AND SYSTEMS, SEE SPECIFICATIONS) |  |  |  |  |
|-------|--|--|--|--|--|--|
| P-13  | MFR: BENJAMIN MOORE - COLOR: READY MIX WHITE |  |  |  |  |  |

| CEILING |  | (FOR CEILING DETAILS, SEE AR-A-XX) |  |  |  |  |
|---------|--|------------------------------------|--|--|--|--|
| P-13    | MFR: BENJAMIN MOORE - COLOR: READY MIX WHITE |                                    |  |  |  |  |
| P-10    | MFR: BENJAMIN MOORE - COLOR: CAPE BLUE       |                                    |  |  |  |  |

| FLOORING |   |  |  |  |  |  |
|----------|---|--|--|--|--|--|
| WD-1     | 2X6 WOOD BOARD TO MATCH IN KIND WITH EXISTING FLOOR |  |  |  |  |  |
| WD-2     | IPE WOOD DECK                                       |  |  |  |  |  |
| T-1      | 4X4 TILE FLOORING                                   |  |  |  |  |  |

| WALL BASE |                 | (FOR WALL BASE DETAILS, SEE CXD-A-XX) |  |  |  |  |
|-----------|-----------------|---------------------------------------|--|--|--|--|
| WB-1      | 1 x 6 WOOD BASE |                                       |  |  |  |  |
| WB-2      | TILE BASE TBD   |                                       |  |  |  |  |

| THRESHOLD |                    | (FOR THRESHOLD DETAILS, SEE CXD-A-92) |  |  |  |  |
|-----------|--------------------|---------------------------------------|--|--|--|--|
| TR-1      | EXTERIOR DOOR SILL |                                       |  |  |  |  |

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

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|                 |      |         |          |          |

RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED     AS BUILT - NO CHANGES

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

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

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

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-91</b> |
| DWG NO.: 212 of 664                     |                                 |
| SCALE: <b>As indicated</b>              |                                 |
| DATE: <b>08/23/2022</b>                 |                                 |
| DPW FILE NUMBER<br><b>1-118-A-961-0</b> | REV. NO.<br><b>0</b>            |

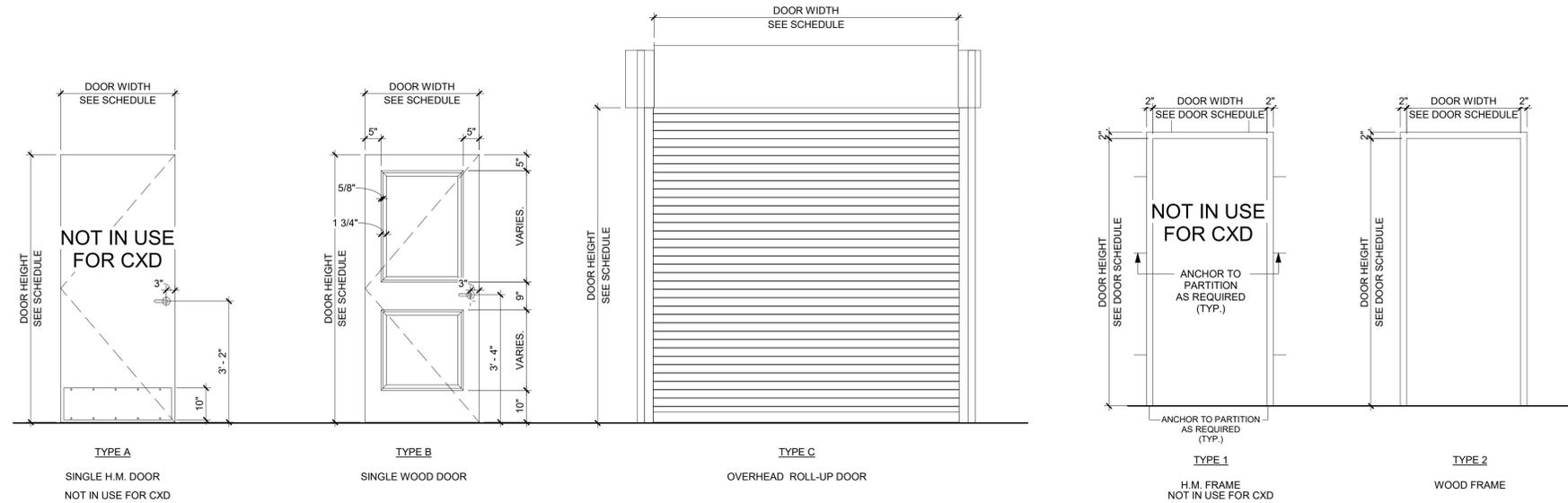
| DOOR SCHEDULE - CXD |             |           |        |        |                |               |       |                 |                 |            |          |            |             |         |  |
|---------------------|-------------|-----------|--------|--------|----------------|---------------|-------|-----------------|-----------------|------------|----------|------------|-------------|---------|--|
| Building            | Door Number | DOOR      |        |        | DOOR           |               |       | DOOR            |                 | FRAME      |          |            | HDWR SET    | REMARKS |  |
|                     |             | DOOR TYPE | WIDTH  | HEIGHT | DOOR THICKNESS | DOOR MATERIAL | GLASS | EXTERIOR FINISH | INTERIOR FINISH | FRAME TYPE | MATERIAL | EXTERIOR   |             |         | INTERIOR   |
| CXD                 | 101A        | C         | 21'-0" | 9'-6"  |                | ALUM          | NO    | PAINT, P-16     | PAINT, P-16     | -          | -        | -          | -           | 4.0     |  |
| CXD                 | 101B        | C         | 21'-0" | 9'-6"  |                | ALUM          | NO    | PAINT, P-16     | PAINT, P-16     | -          | -        | -          | -           | 4.0     |  |
| CXD                 | 101C        | B         | 3'-0"  | 7'-0"  | 1 3/4"         | WOOD          | NO    | PAINT, P-1      | PAINT, P-13     | 2          | WD.      | PAINT, P-7 | PAINT, P-13 | 9.0     | EXIT DEVICE REQUIRED. LOCK REQUIRED. TYPE X-3 SIGN ON DOOR |
| CXD                 | 101D        | B         | 3'-0"  | 7'-0"  | 1 3/4"         | WOOD          | NO    | PAINT, P-1      | PAINT, P-13     | 2          | WD.      | PAINT, P-7 | PAINT, P-13 | 9.0     | EXIT DEVICE REQUIRED. LOCK REQUIRED. TYPE X-3 SIGN ON DOOR |
| CXD                 | 102A        | B         | 3'-0"  | 7'-0"  | 1 3/4"         | WOOD          | NO    | PAINT, P-1      | PAINT, P-13     | 2          | WD.      | PAINT, P-7 | PAINT, P-13 | 11.0    | STOREFRONT LOCK SET. TYPE A-3 SIGN ON DOOR                 |
| CXD                 | 103A        | B         | 3'-0"  | 7'-0"  | 1 3/4"         | WOOD          | NO    | PAINT, P-1      | PAINT, P-13     | 2          | WD.      | PAINT, P-7 | PAINT, P-13 | 9.0     | STOREFRONT LOCK SET. TYPE A-2 SIGN ON DOOR                 |

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

| GATE SCHEDULE |              |                   |        |               |              |   |                         |
|---------------|--------------|-------------------|--------|---------------|--------------|---|-------------------------|
| DOOR NUMBER   | DOOR TYPE    | WIDTH             | HEIGHT | GATE MATERIAL | FINISH       | HDWR SET  | REMARKS                 |
| EX1           | SEE CXD-A-84 | 3'-1" VIF         | 6'-0"  | WOOD          | SEE CXD-A-84 | PROVIDE SELF CLOSING HINGES, & D HANDLE TO BE APPROVED BY ARCHITECT | SEE DETAILS ON CXD-A-84 |
| EX2           | SEE CXD-A-84 | (2) 2'-7 3/4" VIF | 6'-0"  | WOOD          | SEE CXD-A-84 | PROVIDE SELF CLOSING HINGES, & D HANDLE TO BE APPROVED BY ARCHITECT | SEE DETAILS ON CXD-A-84 |

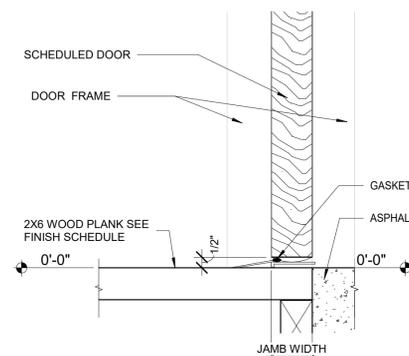
GENERAL DOOR SCHEDULE NOTES:

- REFER TO CXD-A-92 SHEET FOR DOOR SILL & TRANSITION DETAILS. SILL TRANSITION INFORMATION IS INDICATED ON FINISH PLAN UNLESS OTHERWISE NOTED.
- REFER TO SHEET CXD-A-91 FOR FINISH SCHEDULE AND LEGEND.
- THE CONTRACTOR SHALL EXAMINE THE DRAWINGS, SCHEDULE AND SPECIFICATIONS AND FURNISH PROPER HARDWARE FOR ALL OPENINGS WHETHER LISTED OR NOT. COMPLETE SHOP DRAWINGS SHALL BE PROVIDED FOR APPROVAL PRIOR TO PURCHASE.
- ALL EXIT DOORS SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.
- VERIFY DIMENSIONS OF EXISTING OPENINGS AND DOORS BEFORE ORDERING.
- THE CONTRACTOR SHALL COORDINATE & VERIFY LOCATION OF RECESSED FLOOR CLOSERS, PIVOTS, ETC. WITH EXISTING FLOOR SLABS AND OTHER FIELD CONDITIONS PRIOR TO ORDERING TO ENSURE PROPER CLEARANCES & DEPTHS ARE ALLOWED.

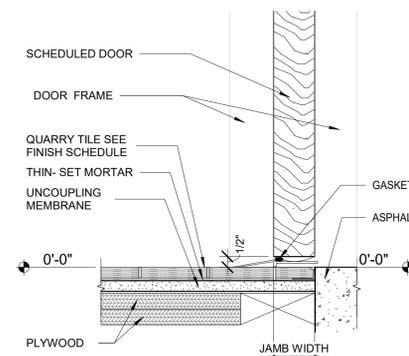


6 DOOR TYPES  
1/2" = 1'-0"

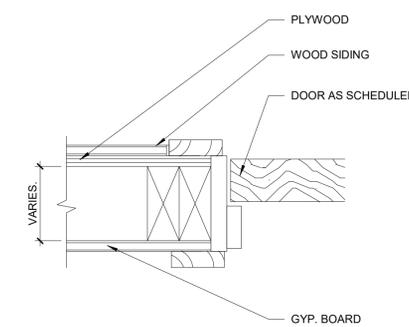
5 DOOR FRAME TYPES  
1/2" = 1'-0"



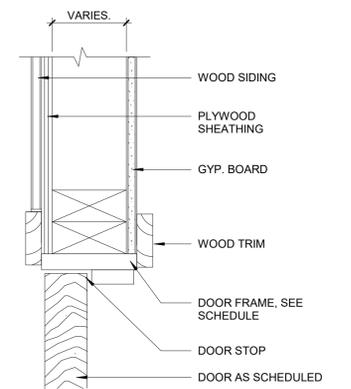
4 WOOD PLANK TO ASPHALT TRANSITION  
3" = 1'-0"



3 QUARRY TILE TO ASPHALT TRANSITION  
3" = 1'-0"



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



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

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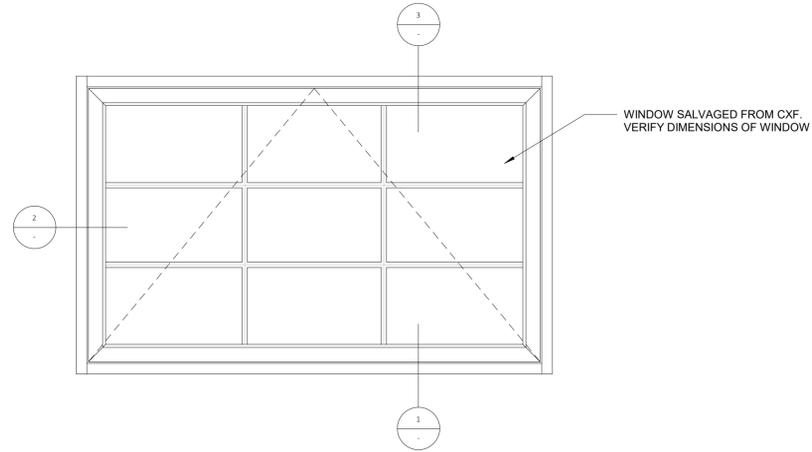
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|-----------------|---------------------|
| CONTRACTOR      | PROJECT COORDINATOR |
| NAME _____      | NAME _____          |
| SIGNATURE _____ | SIGNATURE _____     |
| TITLE _____     | TITLE _____         |
| DATE _____      | DATE _____       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

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

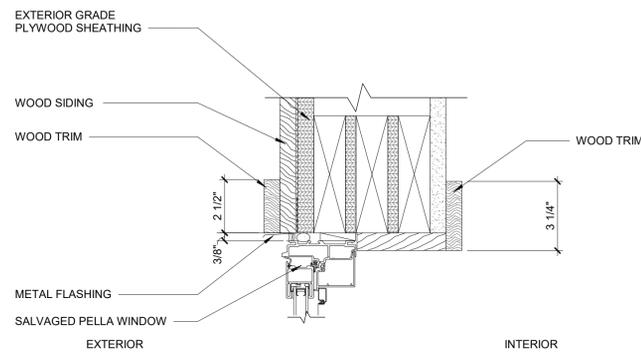
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|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-92</b> |
| DWG NO.: 213 of 664                     |                                 |
| SCALE: <b>As indicated</b>              |                                 |
| DATE: <b>08/23/2022</b>                 |                                 |
| DPW FILE NUMBER<br><b>1-118-A-962-0</b> | REV. NO.<br><b>0</b>            |

| WINDOW SCHEDULE - CXD |      |              |             |       |        |             |                    |               |               |  |
|-----------------------|------|--------------|-------------|-------|--------|-------------|--------------------|---------------|---------------|--|
| BUILDING              | MARK | LEVEL        | WINDOW TYPE | WIDTH | HEIGHT | SILL HEIGHT | WINDOW MATERIAL    | EXTERIOR TRIM | INTERIOR TRIM | REMARKS  |
| CXD                   | W1   | GROUND FLOOR | 2           | VIF   | VIF    | 6" - 6"     | FIBER GLASS, BLACK | WOOD, P-7     | WOOD, P-13    | SALVAGED FROM CXF DEMO (SEE CXF-A-01). V.I.F. WINDOW DIMENSIONS. |
| CXD                   | W2   | GROUND FLOOR | 2           | VIF   | VIF    | 6" - 6"     | FIBER GLASS, BLACK | WOOD, P-7     | WOOD, P-13    | SALVAGED FROM CXF DEMO (SEE CXF-A-01). V.I.F. WINDOW DIMENSIONS. |

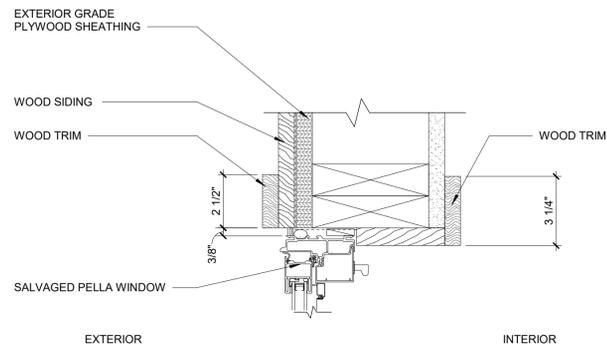
| PAINTING SCHEDULE |                             |                  |                   |
|-------------------|-----------------------------|------------------|-------------------|
| KEY               | COLOR                       | MANUFACTURER     | REMARKS           |
| P-1               | MYSTICAL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



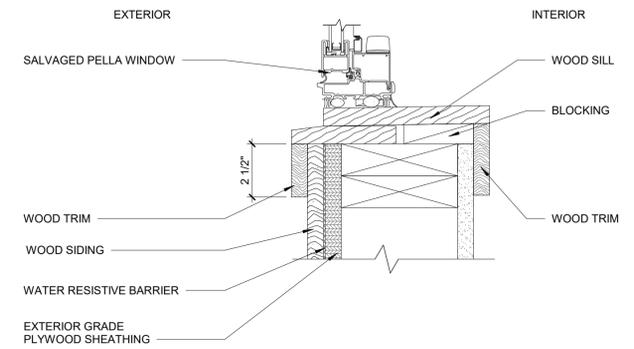
4 WINDOW TYPE A  
1 1/2" = 1'-0"



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



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



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

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CONSULTANT INFORMATION

**The LiRo Group**

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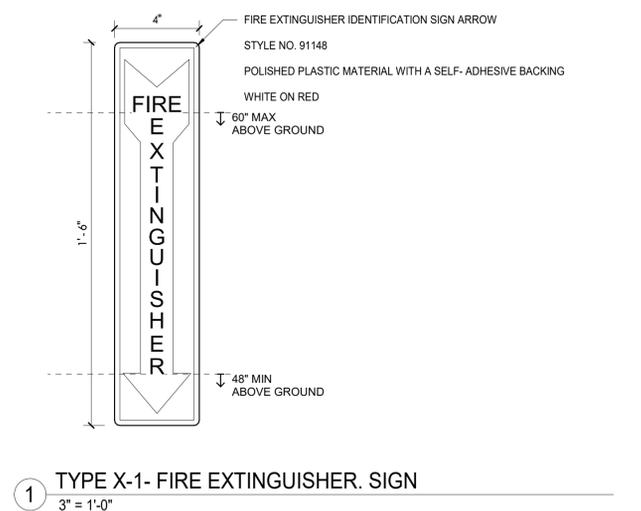
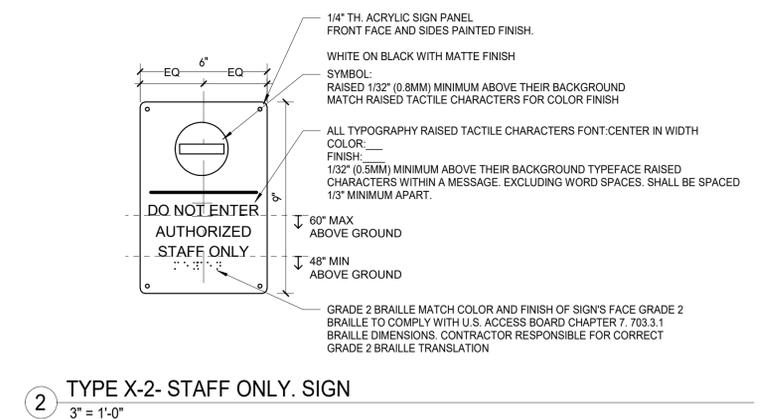
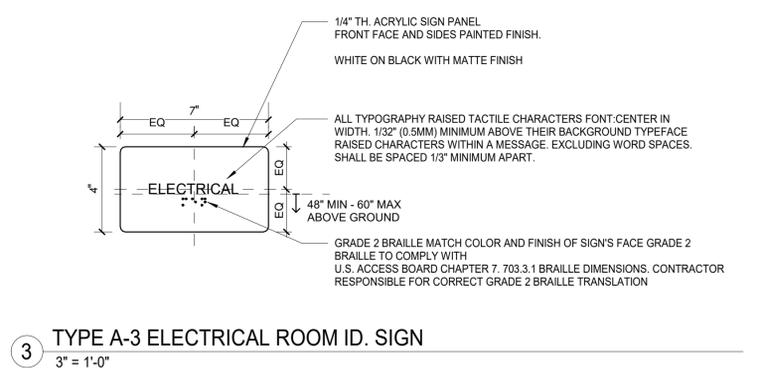
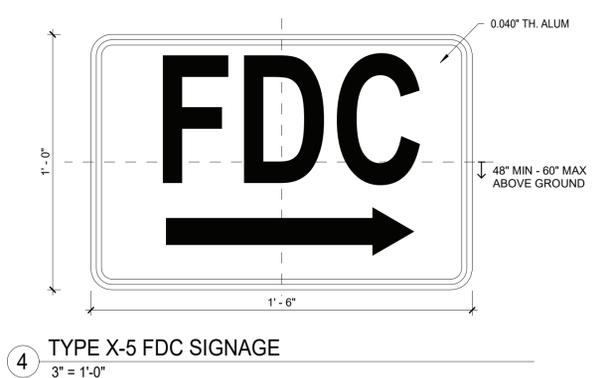
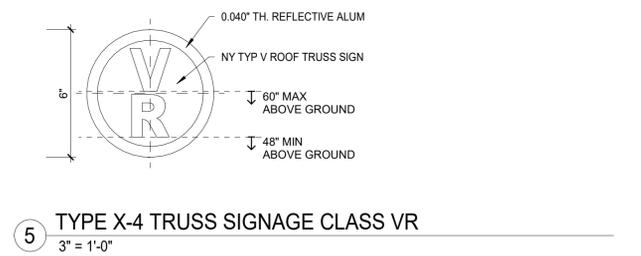
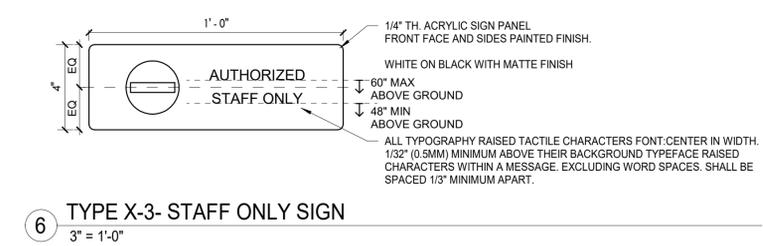
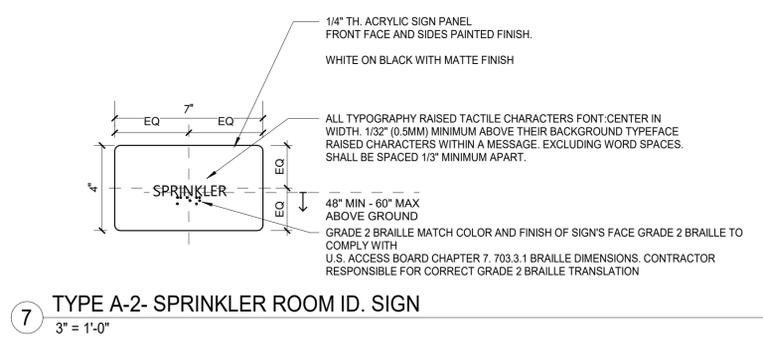
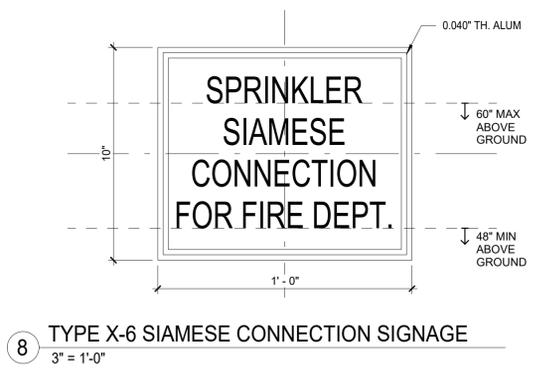
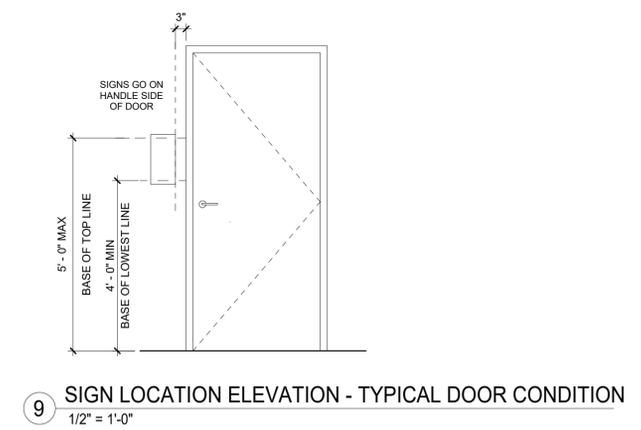
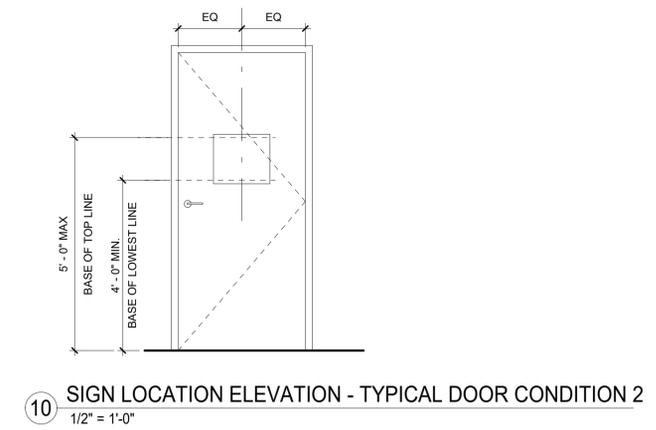
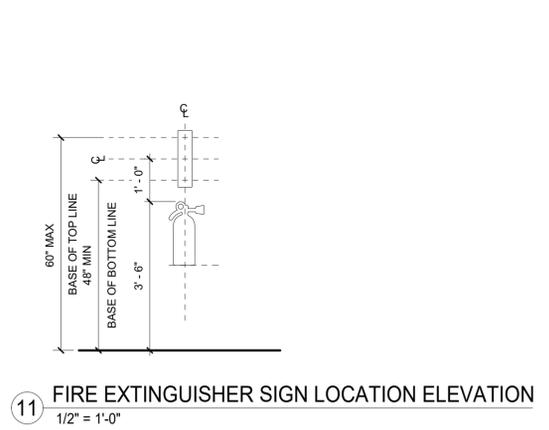
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|-----------------|-----------------|---------------------|-----------------|
| CONTRACTOR      |                 | PROJECT COORDINATOR |                 |
| NAME _____      | NAME _____      | NAME _____          | NAME _____      |
| SIGNATURE _____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

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

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

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-93</b> |
| DWG NO.: 214 of 664                     |                                 |
| SCALE: <b>As indicated</b>              |                                 |
| DATE: <b>08/23/2022</b>                 |                                 |
| DPW FILE NUMBER<br><b>1-118-A-963-0</b> | REV. NO.<br><b>0</b>            |

- SIGNAGE GENERAL NOTES**
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-A117.1 REQUIREMENTS.
  2. SIGNAGE SHOWN HERE MAY NOT BE INCLUSIVE OF ALL TYPES OF SIGNAGE REQUIRED FOR THIS PROJECT. REFER TO DRAWINGS AND SPECIFICATIONS FOR ALL ADDITIONAL SIGNAGE REQUIREMENTS NOT SHOWN HERE.
  3. MOUNT SIGN SO THAT A PERSON CAN APPROACH WITHIN 3" AND AVOID DOOR SWING AND PROTRUDING OBJECTS.
  4. SIGNS SHALL BE LOCATED ON THE WALL ADJACENT TO THE LATCH SIDE OF DOOR, UON.



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|            |           |                     |           |
|------------|-----------|---------------------|-----------|
| CONTRACTOR |           | PROJECT COORDINATOR |           |
| NAME       | SIGNATURE | NAME                | SIGNATURE |
| TITLE      | DATE      | TITLE               | DATE      |

WESTCHESTER COUNTY, NEW YORK  
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
 DIVISION OF ENGINEERING  
**INFRASTRUCTURE REHABILITATION PHASE 3**  
**PLAYLAND PARK, RYE, NEW YORK**  
**CXD - CXE - CXF**  
**SIGNAGE TYPES AND DETAILS**

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-A-94</b> |
| DWG NO.: 215 of 664                     |                                 |
| SCALE: <b>As indicated</b>              |                                 |
| DATE: <b>08/23/2022</b>                 |                                 |
| DPW FILE NUMBER<br><b>1-118-A-964-0</b> | REV. NO.<br><b>0</b>            |

STRUCTURAL NOTES

GENERAL

- G-1 THESE NOTES ARE GENERAL AND SUPPLEMENTAL TO THE SPECIFICATIONS. THESE NOTES APPLY TO THE ENTIRE PROJECT UNLESS MODIFIED OR NOTED OTHERWISE IN THE CONTRACT DOCUMENTS.
- G-2 STANDARD DETAILS, SHOWN ON DRAWINGS CXD-S-07 SHALL BE USED WHEN REFERRED TO OR WHEN NO MORE RESTRICTIVE OR DIFFERENT DETAILS ARE SHOWN ON THE DRAWINGS.
- G-3 DESIGN WAS IN ACCORDANCE WITH AND CONSTRUCTION SHALL COMPLY WITH THE PROVISIONS OF THE NEW YORK STATE BUILDING CODE (NYSBC). THE DESIGN LOADS AND OTHER DESIGN VALUES GIVEN BELOW WERE USED FOR DESIGN OF STRUCTURES UON ON THE DRAWINGS.
- G-4 DESIGN LOADS FOR NEW ELEMENTS:  
LIVE LOADS:  
CROSS AXIS BUILDING:  
BUILDING D:  
FLOOR: 60 PSF  
SNOW LOADS:  
GROUND SNOW LOAD, Pg = 30 PSF  
ROOF SNOW LOAD, P<sub>g</sub> = 21 PSF  
SNOW EXPOSURE FACTOR, Ce = 0.9  
SNOW LOAD IMPORTANCE FACTOR, I = 1.1  
THERMAL FACTOR, Ct = 1.0
- WIND DESIGN:  
BASIC WIND SPEED, V = 126 MPH  
BUILDING CATEGORY, II  
WIND EXPOSURE CATEGORY, D  
INTERNAL PRESSURE COEFFICIENT, GC<sub>pi</sub> = ±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: R = 7  
CROSS AXIS BUILDING D:
- LOADS INDICATED ABOVE REFLECT DESIGN LOADS FOR ANY NEW OR REHABILITATED STRUCTURAL ELEMENTS. THEY SHOULD NOT BE TAKEN AS DESIGN LOADS FOR THE STRUCTURE AS A WHOLE.

- G-5 ALL DIMENSIONS INDICATED (\*) ARE TO BE VERIFIED EITHER BY FIELD MEASUREMENTS FOR EXISTING STRUCTURES OR BY SHOP DRAWINGS FOR EQUIPMENT FURNISHED. STRUCTURAL DIMENSIONS NOT SHOWN BUT CONTROLLED BY OR RELATED TO EQUIPMENT SHALL BE VERIFIED BY THE CONTRACTOR WITH THE MANUFACTURER PRIOR TO CONSTRUCTION.
- G-6 STRUCTURAL DRAWINGS SHALL BE USED IN COORDINATION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND MANUFACTURER'S SHOP DRAWINGS.
- G-7 IF A CONFLICT IS FOUND BETWEEN DIFFERENT PORTIONS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. CONTINUED CONSTRUCTION OF THE AREA IN CONFLICT SHALL BE AT THE CONTRACTOR'S OWN RISK UNTIL THE CONFLICT IS RESOLVED BY THE ENGINEER.
- G-8 WHENEVER ONE MEMBER IS FASTENED TO ANOTHER WITH FASTENINGS (BOLTS, WELDS, ETC.) SET AT A UNIFORM SPACING, THERE SHALL BE A MINIMUM OF TWO FASTENINGS PER PIECE CONNECTED AND THE FIRST AND LAST FASTENINGS SHALL BE LOCATED NOT TO EXCEED 0.25 OF FASTENER SPACING FROM EACH END.
- G-9 STRUCTURES HAVE BEEN DESIGNED FOR OPERATIONAL LOADS ON THE COMPLETED STRUCTURE. DURING CONSTRUCTION, THE STRUCTURES SHALL BE PROTECTED BY BRACING AND TEMPORARY SUPPORTS WHEREVER EXCESSIVE CONSTRUCTION LOADS MAY OCCUR. OVERSTRESSING OF ANY STRUCTURAL ELEMENT IS PROHIBITED.
- G-10 NO BACKFILL SHALL BE PLACED AGAINST ANY WALL UNLESS ALL SUPPORTING ELEMENTS OF THE STRUCTURE HAVE BEEN CONSTRUCTED AND HAVE REACHED THE SPECIFIED MINIMUM CONCRETE STRENGTH.
- G-11 THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING INFORMATION IN THE FIELD AS REQUIRED FOR NEW WORK.

FOUNDATIONS

- F-1 DESIGN ASSUMPTIONS:  
A) ALLOWABLE BEARING PRESSURE: 1. SOUND ROCK - 8 TSF, 2. OVERBURDEN - 1 TSF.  
B) GROUNDWATER: EXISTING GROUNDWATER ELEVATIONS VARY ACROSS SITE.
- F-2 GRAVITY UNDER DRAINS SHALL BE PROVIDED TO PERMANENTLY LOWER GROUNDWATER.
- F-3 CONCRETE GENERAL NOTES APPLY TO FOUNDATIONS.
- F-4 MINIMUM DEPTH FROM ADJACENT FINISHED GRADE TO BOTTOM OF FOUNDATION, 4'-0"
- F-5 FOUNDATIONS BEARING ON ROCK SHALL BE CONSTRUCTED SUCH THAT ROCK SURFACE IS LEVEL, UNLESS APPROVED BY ENGINEER.
- F-6 COMPACTED SELECT GRANULAR FILL 12 INCHES THICK MINIMUM, SHALL BE PLACED BELOW ALL CONCRETE FOUNDATIONS UNLESS DIRECTLY BEARING ON SOUND ROCK.

STRUCTURAL METALS

- S-1 DETAIL, FABRICATE, AND ERECT STRUCTURAL STEEL IN ACCORDANCE WITH AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, ALLOWABLE STRESS DESIGN AND LRFD DESIGN (LRFD MANUAL OF STEEL CONSTRUCTION, CURRENT EDITION).
- S-2 STEEL MATERIAL:  
A) STRUCTURAL TUBING, ASTM A 500, GRADE B.  
B) STRUCTURAL PIPE, ASTM A 53, GRADE B.  
C) PLATES AND ANGLES, ASTM A 36 UNO.  
D) STRUCTURAL W SHAPES, ASTM A 992 (MIN. YIELD STRENGTH OF 50 KSI).  
E) STRUCTURAL S, M, & H SHAPES ASTM A572 GRADE 50.
- S-3 PROVIDE MIN 3/4" DIAMETER ASTM A 325 HIGH STRENGTH BOLTS WITH FULLY TIGHTENED TYPE N CONNECTIONS FOR STRUCTURAL STEEL UON.
- S-4 PROVIDE TYPICAL STEEL BEAM CONNECTIONS FOR A CAPACITY NOT LESS THAN THE TOTAL UNIFORM LOAD CAPACITY TABULATED IN THE AISC TABLES FOR ALLOWABLE LOADS OF BEAMS UNLESS NOTED OTHERWISE.
- S-5 CAST IN PLACE ANCHOR BOLTS FOR STRUCTURAL STEEL SHALL CONFORM TO ASTM A307 UON.
- S-6 DO NOT PAINT STEEL SURFACES WHICH ARE TO BE WELDED OR ARE TO BE ENCASED IN CONCRETE.
- S-7 STAINLESS STEEL SHALL BE TYPE 316 FOR BOLTED CONSTRUCTIONS AND 316L FOR WELDED CONSTRUCTIONS.
- S-8 ALUMINUM SHALL BE ALLOY 6061-T6.
- S-9 ALL GROOVE AND BUTT WELDS SHALL BE FULL PENETRATION.
- S-10 FILLET WELD SIZES SHALL BE THE MINIMUM SIZE REQUIRED BY AISC CODE FOR PLATE SIZES TO BE CONNECTED AND SHALL BE APPLIED TO THE ENTIRE JOINT CONTACT LENGTH, BUT NOT LESS THAN 3/16".
- S-11 DETAIL, FABRICATE, AND ERECT ALUMINUM IN ACCORDANCE WITH THE ALUMINUM ASSOCIATION CONSTRUCTION MANUAL CURRENT EDITION.
- S-12 ALL BOLTS, ANCHOR BOLTS, AND CONCRETE ANCHORS CONNECTING ALUMINUM SHALL BE TYPE 316 STAINLESS STEEL UON.
- S-13 ALUMINUM SHALL BE ISOLATED FROM CONTACT WITH CONCRETE OR DISSIMILAR METALS.

EXCAVATION

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

MASONRY

- M-1 CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90. THE TOTAL MASONRY ASSEMBLAGE SHALL HAVE A COMPRESSIVE STRENGTH EQUAL TO 1500 PSI AT 28 DAYS.
- M-2 MASONRY MORTAR SHALL CONFORM TO ASTM C270, TYPE S.
- M-3 ALL BOND BEAMS AND ANY BLOCK CELLS CONTAINING EMBEDMENTS, REINFORCING STEEL, ANCHORS, ETC., SHALL BE FILLED WITH GROUT FILL MEETING THE REQUIREMENTS OF ASTM C476.
- M-4 BOND BEAM REINF. SHALL BE CONTINUOUS AT CORNERS AND INTERSECTIONS.

TIMBER

- T-1 ALL WOOD FRAMING MEMBERS INCLUDING, BUT NOT LIMITED TO, WALL STUDS AND JOISTS, ARE INTENDED TO ACT AS A SYSTEM AS DETAILED IN THE STRUCTURAL DRAWINGS AND ONCE CONSTRUCTION IS COMPLETE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE SAFETY AND STABILITY OF WOOD FRAMING SYSTEMS (I.E. TEMPORARY BRACING IF REQUIRED) DURING CONSTRUCTION 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 NOMINAL 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 ANS/ASME STANDARD B18.2.1. WOOD SCREWS SHALL CONFORM TO B18.6.1. ALL BOLTS SHALL CONFORM TO ASTM A307 GRADE A UNLESS NOTED OTHERWISE.
- T-12 CUTTING AND NOTCHING OF SAWN LUMBER RAFTERS AND STUDS SHALL BE IN CONFORMANCE WITH THE FOLLOWING CRITERIA:  
A. JOISTS NOTCHES AT THE ENDS OF JOISTS SHALL NOT EXCEED 1/5 OF THE JOIST DEPTH. HOLES IN JOISTS SHALL NOT BE WITHIN 2 1/2 INCHES OF THE TOP OR BOTTOM OF THE JOIST, AND THE DIAMETER OF ANY SUCH HOLE SHALL NOT EXCEED 1/4 THE DEPTH OF THE JOIST. NOTCHES IN THE TOP OR BOTTOM OF THE JOISTS SHALL NOT EXCEED 1/8 THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE OF THE THIRD SPAN.  
B. RAFTERS NOTCHES AT THE ENDS OF RAFTERS OR CEILING JOISTS SHALL NOT EXCEED 1/5 OF THE DEPTH. NOTCHES IN THE TOP OR BOTTOM OF THE RAFTER OR CEILING JOIST SHALL NOT EXCEED 1/6 THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE 1/3 OF THE SPAN. EXCEPT THAT A NOTCH NOT EXCEEDING 1/3 OF THE DEPTH IS PERMITTED IN THE TOP OF THE RAFTERS OR CEILING JOIST NOT FURTHER FROM THE FACE OF THE SUPPORT THAN THE DEPTH OF THE MEMBER. HOLES BORED IN RAFTERS OR CEILING JOISTS SHALL NOT BE WITHIN 2 1/2 INCHES OF THE TOP AND BOTTOM AND THEIR DIAMETER SHALL NOT EXCEED 1/4 THE DEPTH OF THE MEMBER.  
C. WALL STUDS A MAXIMUM OF 2 1/4" DIAMETER NEATLY BORED HOLE MAY BE PLACED IN THE CENTER OF ALL BEARING 2x6 STUDS WITH NO ADDITIONAL REINFORCEMENT REQUIRED.

SPECIAL INSPECTIONS - CROSS AXIS BUILDING D

- 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) WOOD CONSTRUCTION (1705.4).  
B) CONCRETE CONSTRUCTION (1705.3).

DEMOLITION

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



EXISTING REINFORCED CONCRETE WALL OR STRUCTURE TO BE DEMOLISHED

SAW CUT LINE - FULL DEPTH UNLESS NOTED OTHERWISE

Drawing Name: C:\Savin\Projects\2020\25-Playland-Mega-3\5\CXDS-1001.dwg  
 Project: 211001F02  
 Printed by: BKhitile Date: 15 August 2022 10:44 AM Designed by: ---  
 Xrefs: [B-24436\_WestchesterCo\_3.dwg] [TSC-SULCOO.dwg] [BCR-A-04.dwg] [BCRE-101.dwg]

CONSULTANT INFORMATION



CONSULTANT SEAL



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED       AS BUILT - NO CHANGES

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

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

INFRASTRUCTURE REHABILITATION - PHASE 3  
PLAYLAND PARK, RYE, NEW YORK  
CROSS AXIS BUILDING D  
STRUCTURAL NOTES

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-S-01</b> |
| DWG NO.: 216 of 604                     | SCALE: <b>AS SHOWN</b>          |
| DATE: <b>8/23/ 2022</b>                 | REV. NO. <b>0</b>               |
| DPW FILE NUMBER<br><b>1-118-S-965-0</b> |                                 |

STRUCTURAL ABBREVIATIONS

SYMBOLS

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

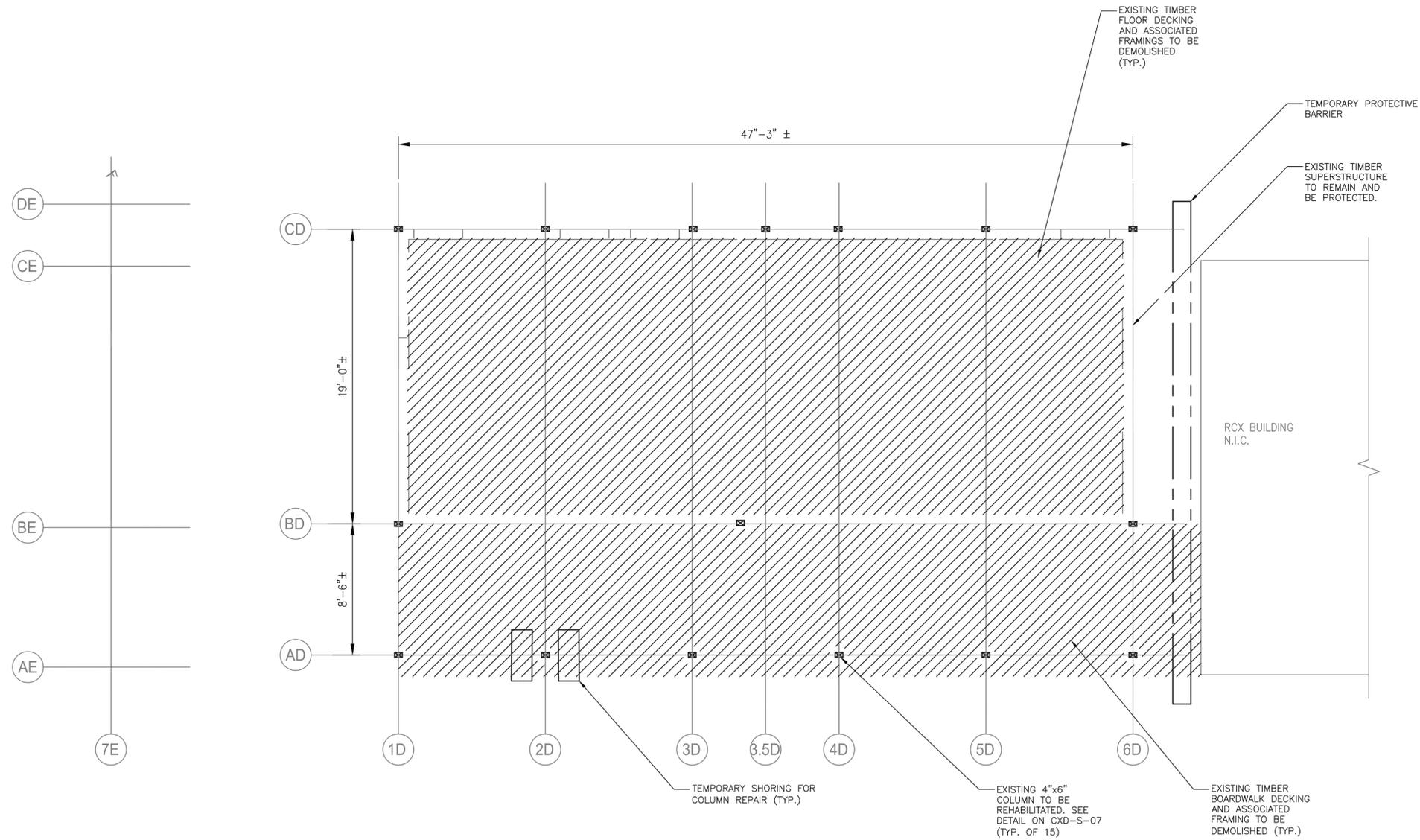
|  |                               |
|--|-------------------------------|
|  | UNDISTURBED EARTH             |
|  | COMPACTED BACKFILL            |
|  | SELECT GRANULAR FILL MATERIAL |
|  | CONCRETE BLOCK                |
|  | BRICK                         |
|  | FINISHED WOOD                 |
|  |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

Drawing Name: C:\Savin\Autocad\2060\25-Playland-Mega-3\1\1\CXDS-1002.dwg  
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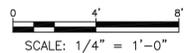
| CONSULTANT INFORMATION<br> | CONSULTANT SEAL<br> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>REVISION NUMBER</th> <th>DATE</th> <th>MADE BY</th> <th>APP'D BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> | REVISION NUMBER | DATE  | MADE BY | APP'D BY                |  |  |  |  | RECORD DRAWING CERTIFICATION<br><input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES<br><hr/> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">CONTRACTOR</th> <th colspan="2">PROJECT COORDINATOR</th> </tr> <tr> <td>NAME _____</td> <td>NAME _____</td> <td>SIGNATURE _____</td> <td>SIGNATURE _____</td> </tr> <tr> <td>TITLE _____</td> <td>TITLE _____</td> <td>DATE _____</td> <td>DATE _____</td> </tr> </table> | CONTRACTOR |  | PROJECT COORDINATOR |  | NAME _____ | NAME _____ | SIGNATURE _____ | SIGNATURE _____ | TITLE _____ | TITLE _____ | DATE _____ | DATE _____ | WESTCHESTER COUNTY, NEW YORK<br>DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION<br>DIVISION OF ENGINEERING<br><b>INFRASTRUCTURE REHABILITATION - PHASE 3</b><br><b>PLAYLAND PARK, RYE, NEW YORK</b><br><b>CROSS AXIS BUILDING D</b><br><b>STRUCTURAL ABBREVIATIONS AND SYMBOLS</b> | CONTRACT NUMBER<br><b>22-523</b> | SHEET NUMBER<br><b>CXD-S-02</b> |
|----------------------------|---------------------|---|-----------------|---|---------|-------------------------|--|--|--|--|--|------------|--|---------------------|--|------------|------------|-----------------|-----------------|-------------|-------------|------------|------------|--|----------------------------------|---------------------------------|
| REVISION NUMBER            | DATE                | MADE BY   | APP'D BY        |   |         |                         |  |  |  |  |  |            |  |                     |  |            |            |                 |                 |             |             |            |            |  |                                  |                                 |
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| CONTRACTOR                 |                     | PROJECT COORDINATOR   |                 |   |         |                         |  |  |  |  |  |            |  |                     |  |            |            |                 |                 |             |             |            |            |  |                                  |                                 |
| NAME _____                 | NAME _____          | SIGNATURE _____   | SIGNATURE _____ |   |         |                         |  |  |  |  |  |            |  |                     |  |            |            |                 |                 |             |             |            |            |  |                                  |                                 |
| TITLE _____                | TITLE _____         | DATE _____  | DATE _____      |   |         |                         |  |  |  |  |  |            |  |                     |  |            |            |                 |                 |             |             |            |            |  |                                  |                                 |
|                            |                     |   |                 | DWG NO.: 217 of 664<br>SCALE: <b>AS SHOWN</b> |         | DATE: <b>8/23/ 2022</b> |  |  |  |  |  |            |  |                     |  |            |            |                 |                 |             |             |            |            |  |                                  |                                 |
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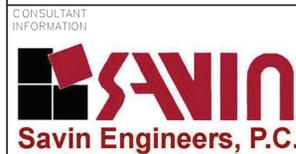
- NOTES:
1. FOR STRUCTURAL NOTES, SEE DRAWING CXD-S-01.
  2. FOR STRUCTURAL ABBREVIATIONS AND SYMBOLS, SEE DRAWING CXD-S-01.



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



Drawing Name: C:\Savin\Projects\2060\25-Playland-Mega-3\5\CXDS-1003.dwg  
 Project: 211001F02\_Consultants  
 Printed by: BKittelle Date: 15 August 2022 10:44 AM Designed by: ---  
 xrefs: [B:24436\_WestchesterCo\_3.dwg] [TSC-SVLOGO.dwg] [CXD-A-01.dwg] [CXD-S-1002.dwg] [CXD-A-02.dwg]



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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED     
  AS BUILT - NO CHANGES

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

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

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-S-03</b> |
| DWG NO.: <b>218 of 664</b>              | SCALE: <b>AS SHOWN</b>          |
| DATE: <b>8/23/ 2022</b>                 | REV. NO. <b>0</b>               |
| DPW FILE NUMBER<br><b>1-118-S-967-0</b> |                                 |

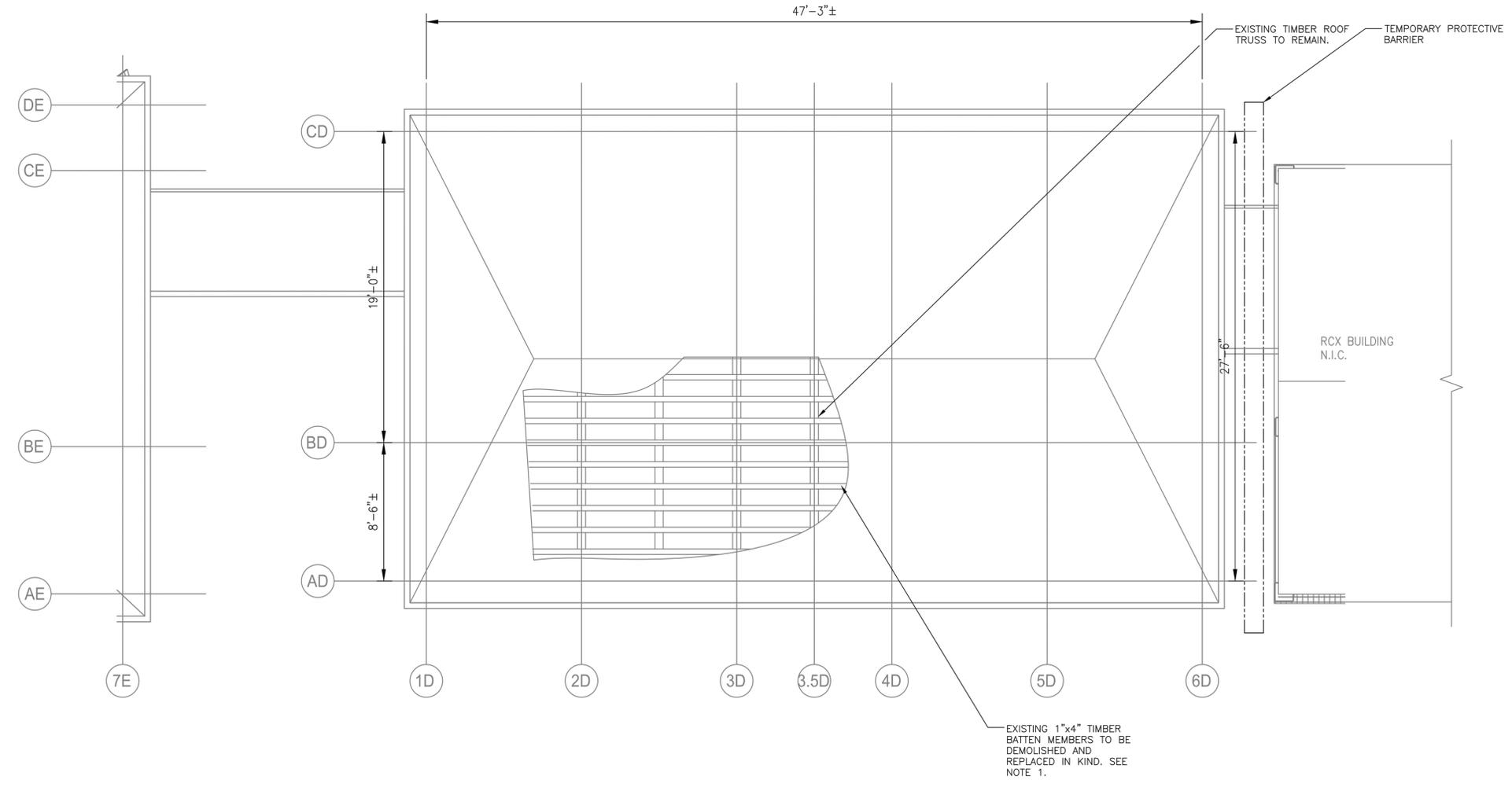


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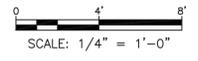
- REHABILITATION OF CROSS AXIS BUILDING D INCLUDES VARIOUS ELEMENTS SLATED FOR REMOVAL AND REPLACEMENT IN-KIND FOR DETERIORATED MEMBERS. CONTRACTOR IS TO ALERT THE ENGINEER 6 WEEKS PRIOR TO START OF REHABILITATION WORK TO PERFORM FIELD INSPECTION OF THE REPAIR ITEMS IDENTIFIED BELOW. UPON COMPLETION 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, CXD-S-03, CXD-S-04, CXD-S-05, CXD-S-06, AND CXD-S-07. FOR THE PURPOSES OF BIDDING, CONTRACTOR SHALL INCLUDE IN THEIR BID THE QUANTITIES FOR EACH ELEMENT AS MENTIONED BELOW.

| STRUCTURAL ELEMENTS TO BE REPAIRED/REPLACED | QUANTITY | UNITS | REMARKS                  |
|---|----------|-------|--------------------------|
| 1"x4" TIMBER BATTEN MEMBERS                 | 25       | EA    | APPROXIMATELY 10 FT EACH |
| 1"x6" TIMBER ROOF DECKING                   | 500      | SF    |                          |

NOTE THAT BATTEN MEMBER AND ROOF DECKING LOCATIONS MAY BE ANYWHERE WITHIN THE LIMITS OF THE ROOF.  
 EXECUTIONS OF THE ABOVE REHABILITATING WORK SHALL BE COORDINATED WITH OVERALL CONSTRUCTION SEQUENCE AND PHASING. SEE SPECIFICATION.



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



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 Project: 211001F02  
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 Xrefs: [1B-2436-WestchesterCo\_3.dwg] [TSC-SULCO.dwg] [CXD-S-1002.dwg] [CXD-A-02.dwg]

CONSULTANT INFORMATION



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED       AS BUILT - NO CHANGES

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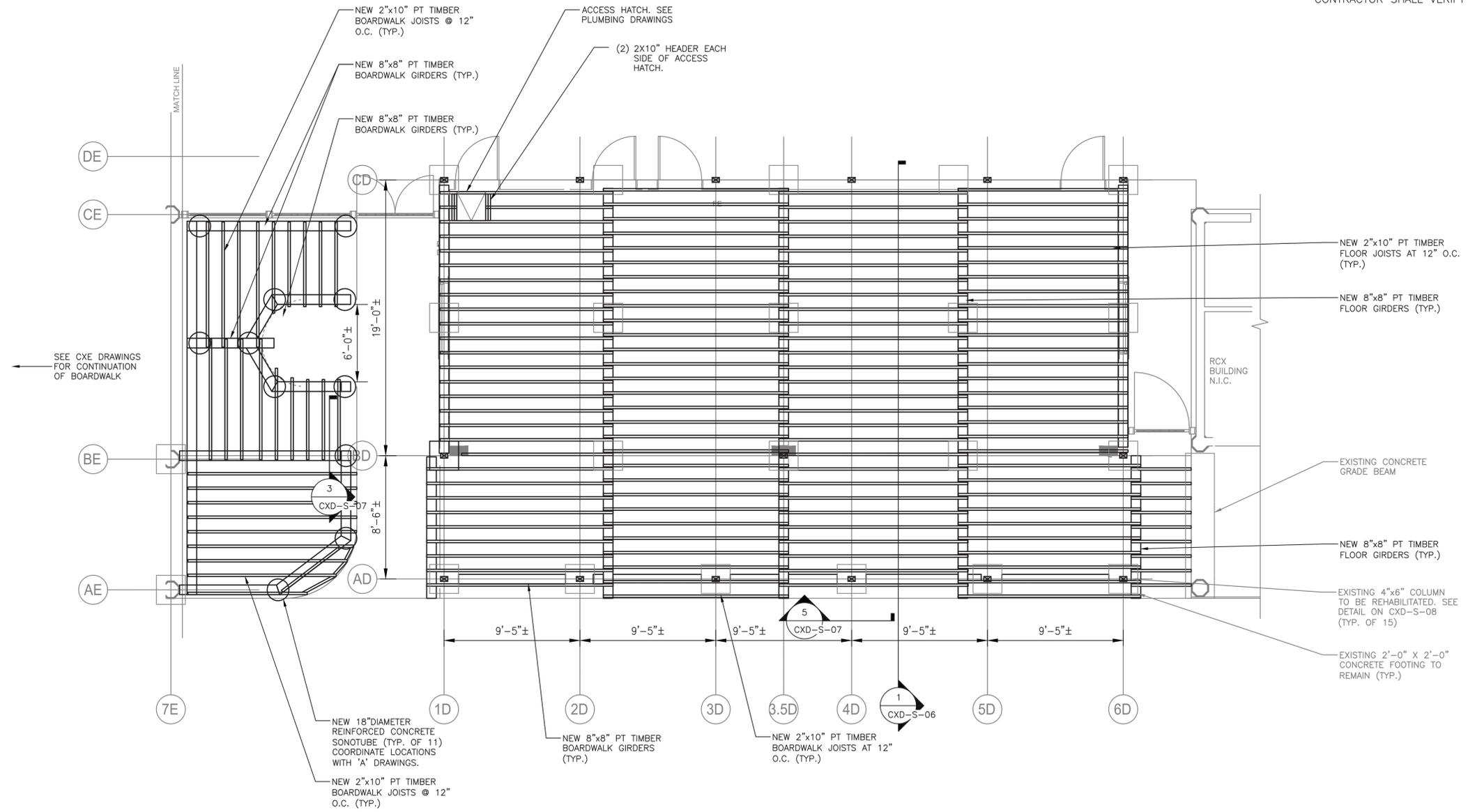
WESTCHESTER COUNTY, NEW YORK  
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
 DIVISION OF ENGINEERING

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

|                                      |                                 |
|--------------------------------------|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>     | SHEET NUMBER<br><b>CXD-S-04</b> |
| DWG NO.: <b>210 of 664</b>           | SCALE: <b>AS SHOWN</b>          |
| DATE: <b>8/23/ 2022</b>              | REV. NO. <b>0</b>               |
| DPW FILE NUMBER <b>1-118-S-968-0</b> |                                 |



- NOTES:**
1. FOR STRUCTURAL NOTES, SEE DRAWING CXD-S-01.
  2. FOR STRUCTURAL ABBREVIATIONS AND SYMBOLS, SEE DRAWING CXD-S-02.
  3. EXISTING FOOTINGS ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY IN FIELD SIZE AND LOCATION.



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



Drawing Name: C:\Savin\Projects\2060\25\_Playland-Mega-3\5\CXD-S-1009.dwg  
 Project: 211001F02\_Cross Axis  
 Printed by: BKittelle Date: 15 August 2022 10:44 AM Designed by: ---  
 Xrefs: [1B-24436\_WestchesterCo\_3.dwg] [TSC-SILCO.dwg] [CXD-A-11.dwg] [CXD-S-1003.dwg]

CONSULTANT INFORMATION

**Savin Engineers, P.C.**



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
|-----------------|------|---------|----------|----------|
|                 |      |         |          |          |
|                 |      |         |          |          |

**RECORD DRAWING CERTIFICATION**

AS BUILT - CHANGES AS NOTED       AS BUILT - NO CHANGES

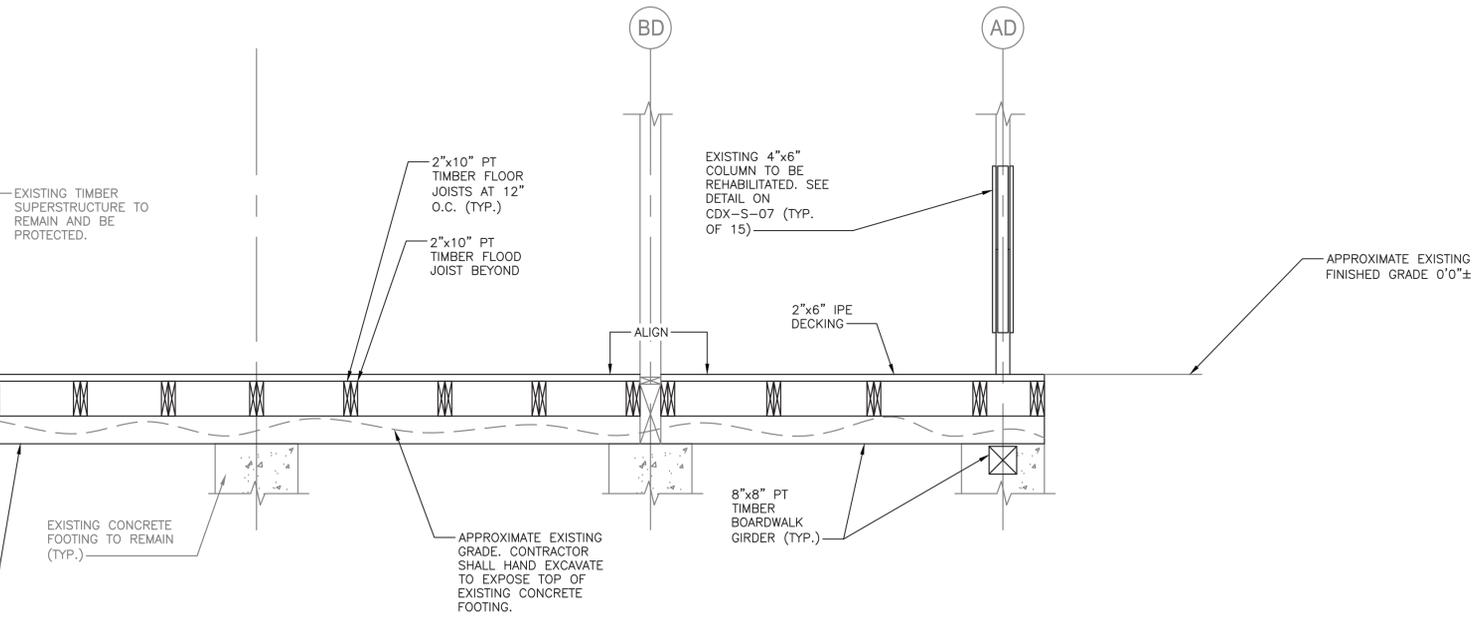
| CONTRACTOR      |                 | PROJECT COORDINATOR |                 |
|-----------------|-----------------|---------------------|-----------------|
| NAME _____      | NAME _____      | NAME _____          | NAME _____      |
| SIGNATURE _____ | SIGNATURE _____ | SIGNATURE _____     | SIGNATURE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

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

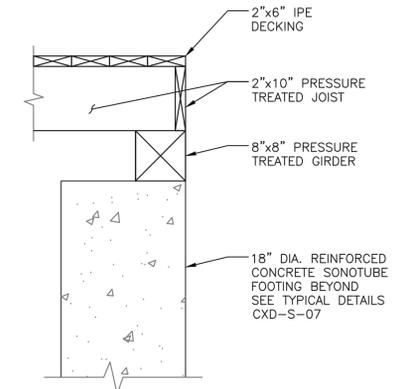
**INFRASTRUCTURE REHABILITATION - PHASE 3**  
**PLAYLAND PARK, RYE, NEW YORK**  
**CROSS AXIS BUILDING D**  
**GROUND FLOOR PLAN**

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-S-05</b> |
| DWG NO.:<br><b>2205664</b>              | SCALE:<br><b>AS SHOWN</b>       |
| DATE:<br><b>8/23/ 2022</b>              | REV. NO.<br><b>0</b>            |
| DPW FILE NUMBER<br><b>1-118-S-969-0</b> |                                 |

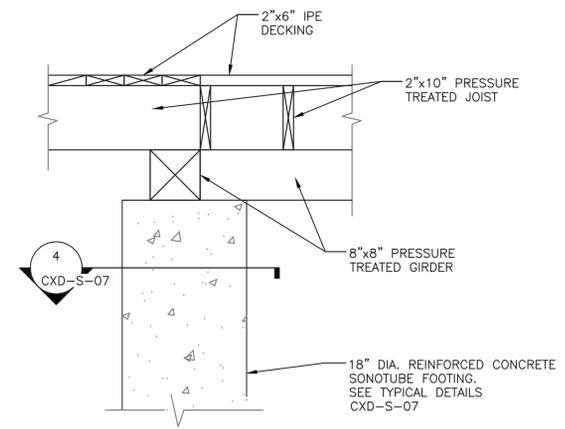
EXISTING SILL PLATE TO REMAIN AND BE PROTECTED (TYP.)



1 SECTION  
CXD-S-05 SCALE: 1/2" = 1'-0"



2 SECTION  
CXD-S-06 SCALE: 1" = 1'-0"



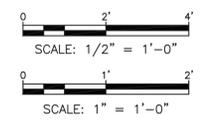
3 SECTION  
CXD-S-06 SCALE: 1" = 60'

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

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

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

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



Drawing Name: C:\Savin\Autocad\2060\25-Playland-Mega-3\1\CXD-S-1007.dwg  
 Be sure to check the drawing title block for the drawing title, drawing number, and project name.  
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 Printed by: 3/9/2022 10:45 AM Designed by: ---



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
|-----------------|------|---------|----------|----------|
|                 |      |         |          |          |
|                 |      |         |          |          |

RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED       AS BUILT - NO CHANGES

| CONTRACTOR |           | PROJECT COORDINATOR |           |
|------------|-----------|---------------------|-----------|
| NAME       | SIGNATURE | NAME                | SIGNATURE |
| TITLE      | DATE      | TITLE               | DATE      |

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

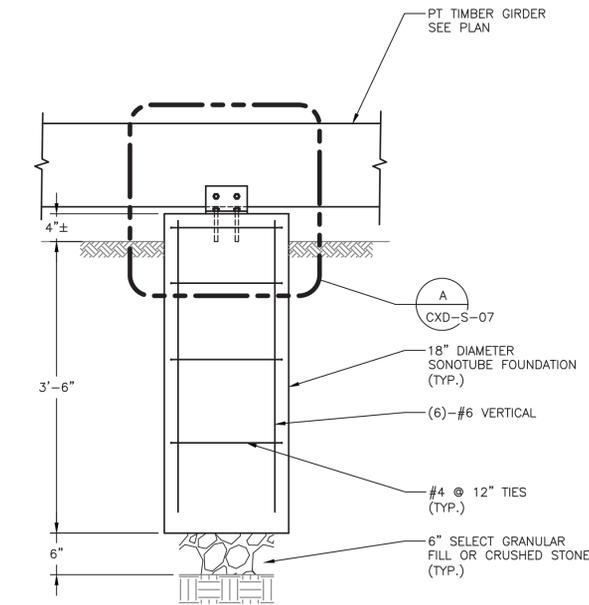
**INFRASTRUCTURE REHABILITATION - PHASE 3  
 PLAYLAND PARK, RYE, NEW YORK  
 CROSS AXIS BUILDING D  
 SECTIONS**

|                                      |                                 |
|--------------------------------------|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>     | SHEET NUMBER<br><b>CXD-S-06</b> |
| DWG NO.: 204 of 664                  | SCALE: <b>AS SHOWN</b>          |
| DATE: <b>8/23/ 2022</b>              | REV. NO. <b>0</b>               |
| DPW FILE NUMBER <b>1-118-S-970-0</b> |                                 |

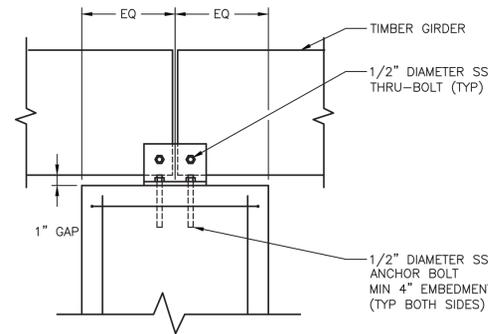
**NOTES:**

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

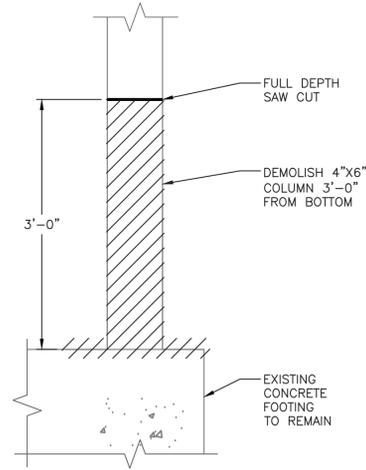
- TEMPORARY SHORING AT EACH COLUMN LOCATION SHALL HAVE A MINIMUM 10-TON CAPACITY.
- COLUMN REPAIR SHALL BE LIMITED TO MAXIMUM 2 COLUMNS AT A TIME. COLUMNS UNDER REPAIR MUST NOT BE ADJACENT TO EACH OTHER.
- ALL HARDWARE SHALL BE TYPE 316 STAINLESS STEEL, UNLESS OTHERWISE NOTED.



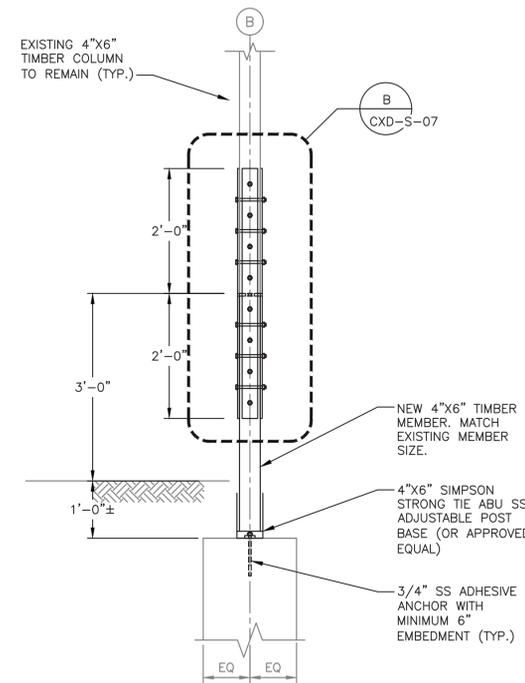
**3** TYPICAL BOARDWALK SONOTUBE SECTION  
CXD-S-05 1" = 1'-0"



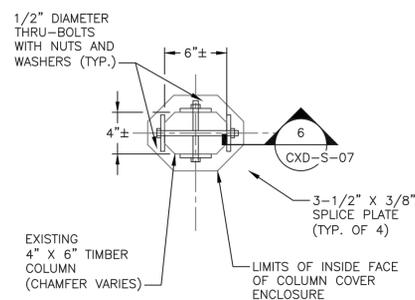
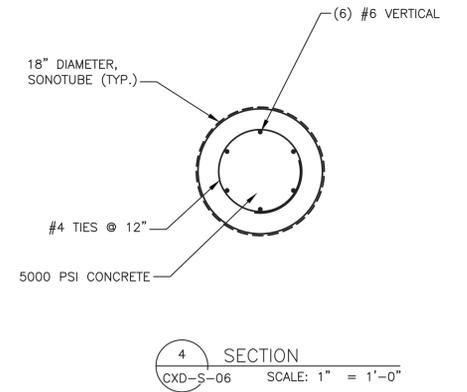
**A** DETAIL  
CXD-S-07 1/2" = 1'-0"



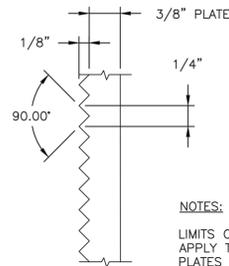
DEMOLITION  
N.T.S.



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

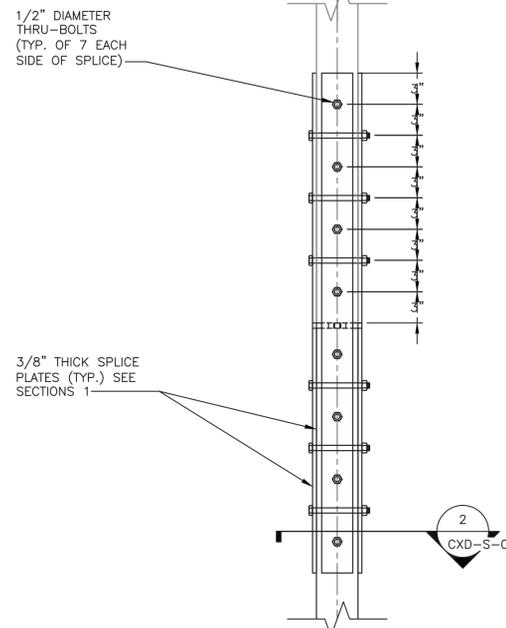


**2** SECTION  
CXD-S-07 SCALE: 1 1/2" = 1'-0"

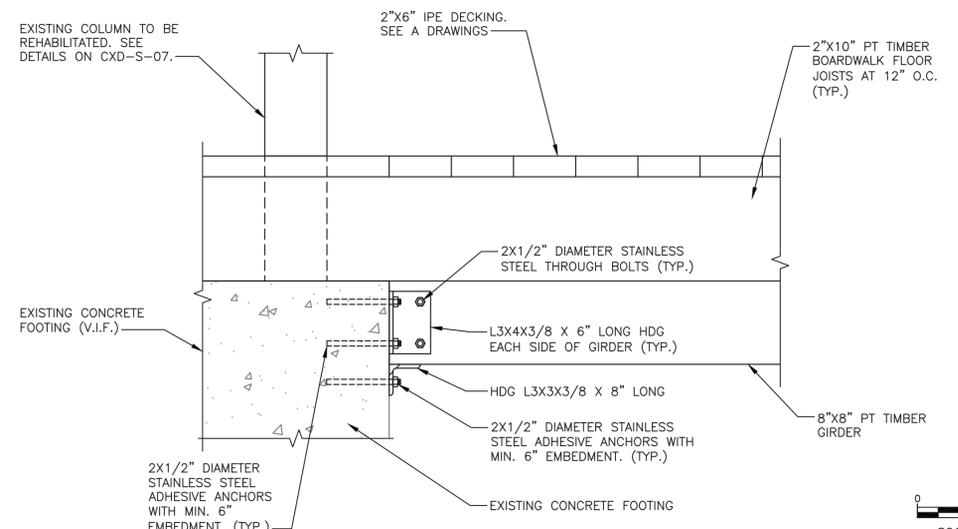


**6** SECTION  
CXD-S-07 SCALE: N.T.S.

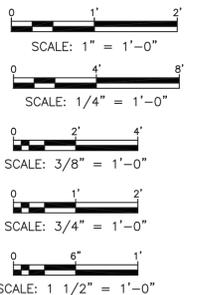
**NOTES:**  
LIMITS OF KNURLING SHALL APPLY TO FACE OF ALL SPLICE PLATES IN CONTACT WITH EXISTING TIMBER COLUMN. KNURLING SHALL RUN AXIALLY AND HORIZONTALLY.



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



**5** SECTION  
CXD-S-05 N.T.S.



Drawing Name: C:\Savin\Autocad\2060\25-Playland-Mega-3\5\CXDS-1008.dwg  
 Project: Playland Mega-3  
 Printed by: BKhitite Date: 15 August 2022 10:45 AM Designed by: ---  
 Xrefs: [TSC-SAL000.dwg] [TB\_24X36\_MechwaterCo\_3.dwg] [CXD-DET-1.dwg]



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
|-----------------|------|---------|----------|----------|
|                 |      |         |          |          |
|                 |      |         |          |          |
|                 |      |         |          |          |

| RECORD DRAWING CERTIFICATION                         |           |  |           |
|--|-----------|--|-----------|
| <input type="checkbox"/> AS BUILT - CHANGES AS NOTED |           | <input type="checkbox"/> AS BUILT - NO CHANGES |           |
| CONTRACTOR   |           | PROJECT COORDINATOR                            |           |
| NAME   | SIGNATURE | NAME   | SIGNATURE |
| TITLE  | DATE      | TITLE  | DATE      |
|  |           |  |           |

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

|                 |               |              |          |
|-----------------|---------------|--------------|----------|
| CONTRACT NUMBER | 22-523        | SHEET NUMBER | CXD-S-07 |
| DWG NO.:        | 222 of 664    | SCALE:       | AS SHOWN |
| DATE:           | 8/23/ 2022    | REV. NO.     | 0        |
| DPW FILE NUMBER | 1-118-S-971-0 |              |          |

## FIRE PROTECTION SAFETY NOTES:

1. SPECIAL PRECAUTION SHALL BE TAKEN BY THE CONTRACTOR SO THAT EQUIPMENT OF THIS APPLICATION AND ITS INSTALLATION WILL NOT AFFECT THE FOLLOWING: EGRESS TO AND FROM THE BUILDING, FIRE SAFETY OR CREATE A FIRE HAZARD, STRUCTURAL SAFETY OF THE BUILDING, ACCUMULATION OF DUST AND DEBRIS, (THE CONTRACTOR SHALL LEAVE THE SITE BROOM CLEANED EACH DAY.)

## FIRE PROTECTION GENERAL NOTES:

1. DIMENSIONS, LOCATIONS AND SIZES INDICATED ON THE PLANS AND THE ELEVATION ARE APPROXIMATE AND SHALL BE VERIFIED BY FIELD INSPECTION BY THE CONTRACTOR.

2. SOME EXISTING PIPE AND EQUIPMENT IS SHOWN FOR CLARIFICATION OF THIS CONTRACT, BUT MUST BE PROTECTED BY THE CONTRACTOR.

3. NO WORK SHALL BE INITIATED UNTIL A WORK PERMIT IS OBTAINED BY THE CONTRACTOR AND A SAFETY PLAN IS SUBMITTED AND IS APPROVED.

4. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS, EQUIPMENT USE PERMITS, ALL INSPECTION APPROVALS, AND LETTER OF COMPLETION FROM THE DEPARTMENT OF BUILDINGS FOR WORK UNDER THIS CONTRACT AS APPLICABLE.

5. ANY EXISTING MATERIALS, PIPING, ETC., NOT INDICATED FOR DEMOLITION WHICH ARE REMOVED BY THE CONTRACTOR IN ORDER TO INSTALL NEW WORK SHALL BE REINSTALLED BY THE CONTRACTOR. IF EXISTING WORK IS DAMAGED IT SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ALL SURFACES OR FINISHES THAT ARE DAMAGED OR OTHERWISE AFFECTED BY WORK OF THIS CONTRACT SHALL BE PATCHED, REPAIRED, PAINTED OR REPLACED TO MATCH THE PRE-EXISTING CONDITION AND THE NEW WORK.

6. CONTRACTOR MAY PROPOSE ALTERNATE ROUTING IN DIFFICULT AREAS WHERE REPLACEMENT IN KIND IS NOT PRACTICAL. ANY AND ALL ALTERNATE ROUTING IS SUBJECT TO PRIOR REVIEW AND APPROVAL BY THE ENGINEER.

7. A FIRE WATCH SHALL BE PROVIDED WHEN SPRINKLER COVERAGE IS IMPACTED TO MAINTAIN BUILDING OPERATIONS OR AS REQUIRED.

## FIRE PROTECTION SYMBOL LIST

|       |        |      |   |
|-------|--------|------|---|
| ----  | FS DRY | ---- | NEW DRY SPRINKLER PIPING  |
| ----  | DRY(E) | ---- | EXISTING TO REMAIN DRY SPRINKLER PIPING                                       |
| ○     |        |      | NEW UPRIGHT SPRINKLER HEAD  |
| ○     |        |      | EXISTING UPRIGHT SPRINKLER HEAD   |
| ●     |        |      | NEW CONCEALED PENDENT SPRINKLER HEAD-ORDINARY TEMPERATURE                     |
| ⊕     |        |      | SPRINKLER DRY PIPE VALVE  |
| ⌈     |        |      | FIRE HOSE CABINET   |
| ⌋     |        |      | SIAMESE CONNECTION  |
| ⌋     |        |      | CHECK VALVE   |
| ⌋     |        |      | CHECK VALVE W/ ALARM  |
| ⌋     |        |      | WATER MOTOR ALARM BELL  |
| ⌋     |        |      | PIPE RISER  |
| ⌋     |        |      | PIPE DROP   |
| ⌋     |        |      | PIPE UP   |
| ⊙     |        |      | POINT OF CONNECTION   |
| ⊙     |        |      | POINT OF DISCONNECTION  |
| ⊙     |        |      | PREACTION 6" BELL   |
| ⊙     |        |      | SOLENOID VALVE  |
| ⊙     |        |      | OS & Y VALVE  |
| ⊙     |        |      | REVISION SYMBOL   |
| ⊙     |        |      | REFER TO SUPPLEMENTAL FIGURE INDICATED BY NUMBER (I.E. F2 REFERS TO FIGURE 2) |
| xxx   |        |      | EQUIPMENT TAG   |
| x     |        |      | EQUIPMENT NUMBER  |
| x     |        |      | DETAIL TAG/ CALL OUT TAG  |
| x-xxx |        |      | FIRE PROTECTION SHEET NUMBER  |

## SHOP DWGS/EQUIPMENT SUBMITTALS

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

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

## SCOPE OF WORK:

1. THE INSTALLATION OF NEW DRY FS EQUIPMENT.

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

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

### SPRINKLER HEAD SCHEDULE

|   | MANUFACTURER | MODEL | DESCRIPTION                         | K-FACTOR | QUANTITY |
|---|--------------|-------|-------------------------------------|----------|----------|
| 0 | RELIABLE     | F1FR  | DRY ORDINARY UPRIGHT SPRINKLER HEAD | 5.6      | 31       |

| ABBREVIATION |                           | DRAWING NOTATIONS |                        |
|--------------|---------------------------|-------------------|------------------------|
| ACV          | ALARM CHECK VALVE         | ⊙                 | DRAWING NOTE TAB       |
| B.O.P.       | BOTTOM OF PIPE            | ⊙                 | RISER DESIGNATION      |
| (E)          | EXISTING TO REMAIN        | ⊙                 | POINT OF CONNECTION    |
| F.S.C.       | FIRE SPRINKLER CONTRACTOR | ⊙                 | POINT OF DISCONNECTION |
| P.C.         | PLUMBING CONTRACTOR       |                   |                        |
| TYP          | TYPICAL                   |                   |                        |
| W/           | WITH                      |                   |                        |
| NYS          | NEW YORK STATE            |                   |                        |
| U/P          | UNDERGROUND PIPING        |                   |                        |
| W            | WATER                     |                   |                        |

## DESIGN CRITERIA

- AREA OF APPLICATION = 1950 SQ. FT
- OCCUPANCY CLASSIFICATION = ORDINARY HAZARD GROUP 2
- MAXIMUM COVERAGE PER SPRINKLER HEAD = 130 SQ. FT
- DESIGN DENSITY = 0.20 GPM/SQ. FT
- NUMBER OF SPRINKLER HEADS WITHIN AREA OF APPLICATION = 26
- "K" FACTOR OF SPRINKLER HEADS = 5.6
- DESIGN CRITERIA REQUIREMENTS BASED ON:
  - 2020 BUILDING CODE OF NEW YORK STATE
  - 2016 NFPA 13

## ORDINARY HAZARD PIPE SCHEDULE

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

FOR SI UNITS, 1 IN. = 25.4 MM.

## MAX DISTANCE BETWEEN HANGERS (FT.-IN.)

|                                      | NOMINAL PIPE SIZE (IN.) |      |       |       |      |       |      |       |      |      |      |      |
|--------------------------------------|-------------------------|------|-------|-------|------|-------|------|-------|------|------|------|------|
|                                      | 3/4                     | 1    | 1 1/4 | 1 1/2 | 2    | 2 1/2 | 3    | 3 1/2 | 4    | 5    | 6    | 8    |
| STEEL PIPE EXCEPT THREADED LIGHTWALL | N/A                     | 12-0 | 12-0  | 15-0  | 15-0 | 15-0  | 15-0 | 15-0  | 15-0 | 15-0 | 15-0 | 15-0 |
| THREADED LIGHTWALL STEEL PIPE        | N/A                     | 12-0 | 12-0  | 12-0  | 12-0 | 12-0  | 12-0 | N/A   | N/A  | N/A  | N/A  | N/A  |
| COPPER TUBE                          | 8-0                     | 8-0  | 10-0  | 10-0  | 12-0 | 12-0  | 12-0 | 15-0  | 15-0 | 15-0 | 15-0 | 15-0 |

## CODE REFERENCE

2020 NEW YORK STATE BUILDING CODE  
2016 NFPA 13

## FIRE PROTECTION NOTES

1. THE DRAWINGS SHOW THE LAYOUT OF THE SYSTEM AND INDICATE THE APPROXIMATE LOCATIONS OF EQUIPMENT AND PIPING. CONTRACTOR IS CAUTIONED NOT TO SCALE THE DRAWINGS. THE PIPING SHALL BE RUN APPROXIMATELY IN THE AREAS AS INDICATED ON THE DRAWINGS. HOWEVER, TO THE ARRANGEMENT OF THE PIPING SYSTEMS AS MAY BE REFERENCED WITH WORK OF OTHER TRADES, CONTRACTOR SHALL REVIEW AND COORDINATE WITH STRUCTURAL, ELECTRICAL AND MECHANICAL DRAWINGS, PARTITIONS, STRUCTURAL MEMBERS, ETC. ARE DESIGNED TO BE FURRED OR CLOSED IN AND TO INCLUDE ROUGH-IN PIPING. CONTRACTOR SHALL FURNISH ALL OFFSETS, ADDITIONAL FITTINGS, ETC. WHETHER SHOWN ON DRAWINGS OR NOT, AS REQUIRED TO MEET INSTALLATION CONDITIONS.

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

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

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

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

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

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

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

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

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

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

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

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

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

15. IF BUILDING OCCUPANCY OR CONSTRUCTION CHANGES, THE SPRINKLER SYSTEM IS TO BE UPDATED ACCORDINGLY BY THE OWNER OR HIS AGENT.

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

17. THE ENGINEER IS NOT RETAINED FOR SUPERVISION.

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

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

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

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

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

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

24. WATER SUPPLY TEST PIPES AND GAUGES SHALL BE PROVIDED AS SPECIFIED IN CHAPTER 2-9 OF NFPA 13.

25. PIPING SPECIFICATIONS, PIPE SCHEDULES, SYSTEM TEST PIPES, PROTECTION AGAINST CORROSION, DAMAGE FITTINGS, VALVES, HANGERS, SPRINKLERS, GUARDS AND SHIELDS SHALL BE IN ACCORDANCE WITH CHAPTER 3 AND CHAPTER 8 OF NFPA 13, LATEST EDITION. PIPING SHALL BE PAINTED TO PREVENT CORROSION.

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

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

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

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

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

31. PROVIDE WATER SUPPLY LETTER WITH FLOW TEST DATA.

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

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

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

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

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

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

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

39. PROVISIONS SHOULD BE MADE TO FACILITATE FLUSHING SYSTEM PIPING BY PROVIDING FLUSHING CONNECTIONS CONSISTING OF A CAPPED NIPPLE 4" LONG ON THE END OF THE CROSS MAIN, AS PER SECTION 3- 8.2 OF NFPA 13.

40. SPRINKLER SHALL BE AN APPROVED TYPE AS PER SECTION 3-16 OF NFPA 13.

41. TEMPERATURE RATING SHALL COMPLY WITH SEC. 3-16.6 OF NFPA 13.

42. CLEARANCES BETWEEN SPRINKLERS AND STORAGE OR PARTITIONS AS PER NFPA 13, SECTION 4-2.5

43. SPACING AND LOCATION OF SPRINKLER SHALL COMPLY WITH CHAPTER 4 NFPA 13.

44. CONTRACTOR TO COORDINATE HIS WORK WITH OTHER TRADES.

45. ONLY EXPERIENCED SPRINKLER MECHANICS TO WORK ON THE SYSTEM.

46. ALL PIPING TO BE A MINIMUM OF 1" UNLESS OTHERWISE NOTED.

47. PROVIDE SHOP DRAWINGS WITH HYDRAULIC CALCULATIONS FOR REVIEW TO LOCAL FIRE MARSHALL AND INSURANCE UNDERWRITER AND ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.

48. ALL FIRE PROTECTION EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS/SPECIFICATIONS.

49. ALL FIRE PROTECTION EQUIPMENT SHALL BE MOUNTED ON MINIMUM 6" HIGH CONCRETE PAD UNLESS OTHERWISE NOTED (PAVER AND CINDER BLOCK IS NOT ACCEPTABLE).

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

## DRY SYSTEM COMPRESSOR SCHEDULE

| TAG  | MANUFACTURER        | MODEL    | SERVICE    | LOCATION       | AVERAGE CFM | V.PH.HZ  | HP  | RECOMMENDED WIRE SIZE | DIMENSION (L*W*H") | WEIGHT (LBS) | NOTES |
|------|---------------------|----------|------------|----------------|-------------|----------|-----|-----------------------|--------------------|--------------|-------|
| DC-1 | GENERAL AIR PRODUCT | LT20033A | DRY SYSTEM | SPRINKLER ROOM | 2.43        | 230.1.60 | 1/3 | 12                    | 33x13x28           | 115          | 1,2,3 |

### NOTES:

- MOUNTING BRACKET.
- PROVIDE AIR MAINTENANCE DEVICE (RELIABLE MODEL AMD-1)
- PROVIDE WITH A 10 GALLON GENERAL AIR TANK
- UL LISTED PRESSURE SWTCH. SET FOR 20 PSI ON AND 25 PSI OFF. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR PROPER AIR PRESSURE.

## DRY PIPE VALVE SCHEDULE

| MANUFACTURER | MODEL | SERVICE    | LOCATION             | SIZE (INCH) |
|--------------|-------|------------|----------------------|-------------|
| RELIABLE     | D     | DRY SYSTEM | SPRINKLER EQUIP ROOM | 4           |

### NOTES:

- FACTORY PREASSEMBLED TRIM - BASIC
- PROVIDE WITH RELIABLE B1 ACCELERATOR. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS

## FIRE PROTECTION DRAWING LIST

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

CONSULTANT INFORMATION



CONSULTANT SEAL



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
|-----------------|------|---------|----------|----------|
|                 |      |         |          |          |

### RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED  AS BUILT - NO CHANGES

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

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

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

FIRE PROTECTION NOTES, SYMBOLS, ABBREVIATIONS & DWG LIST

CONTRACT NUMBER

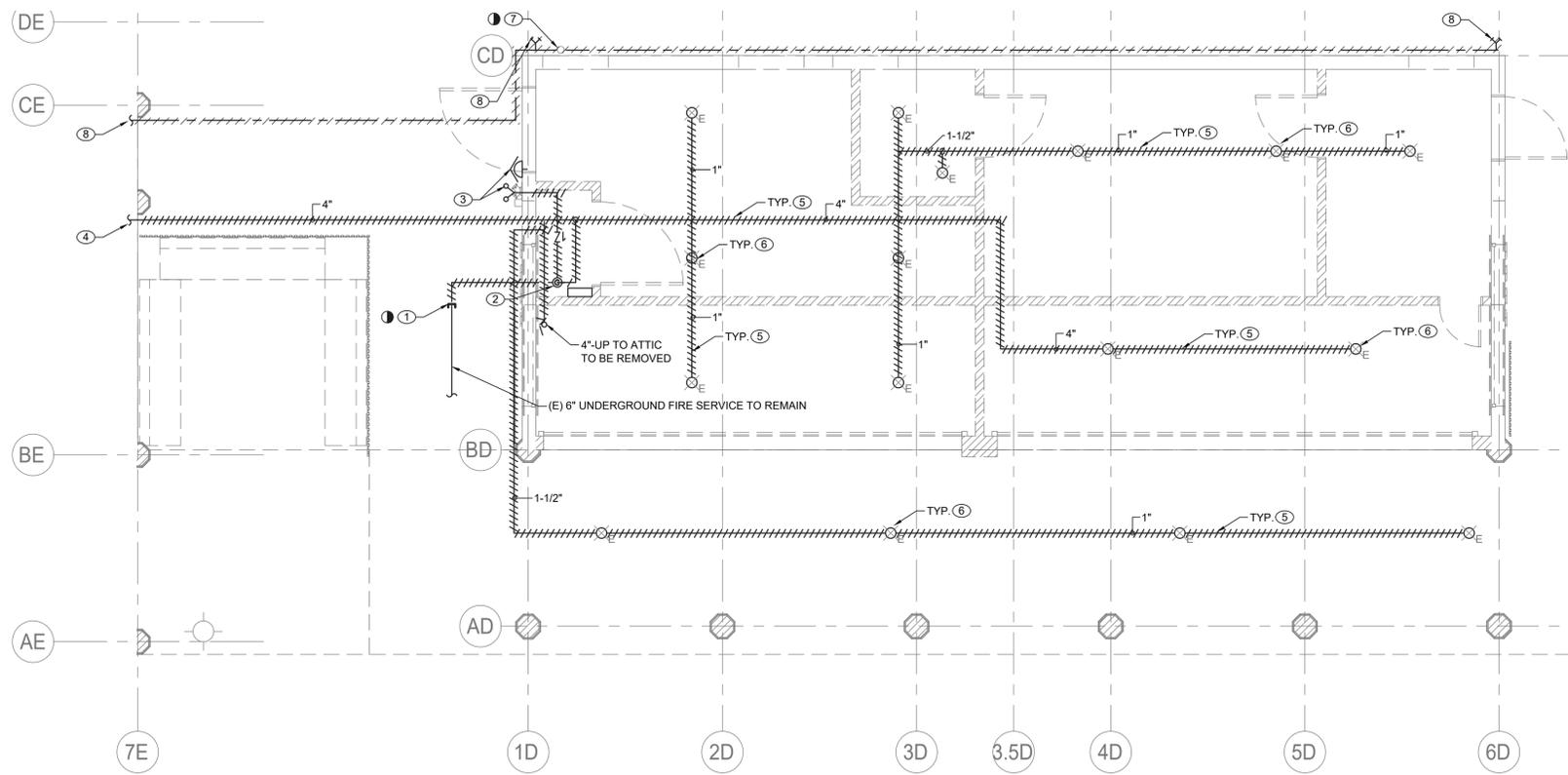
22-523

DWG NO.: 223 of 664

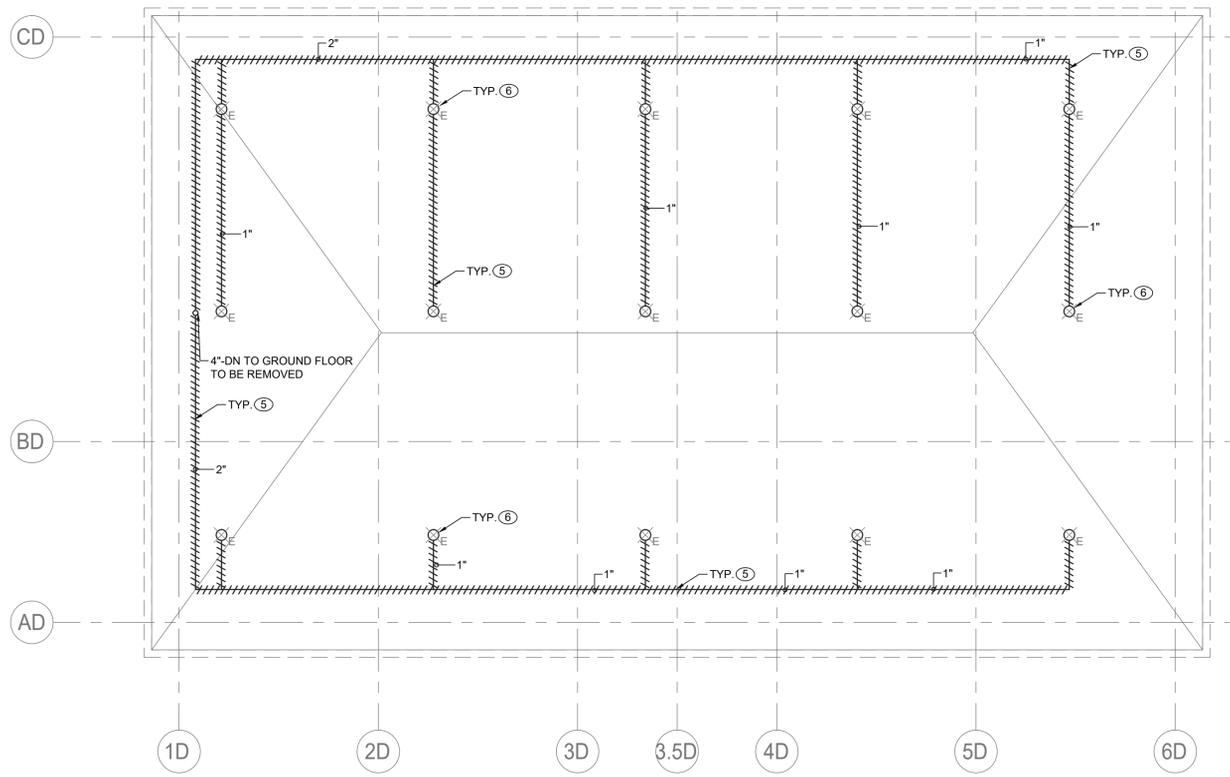
SCALE: AS INDICATED

DATE: 08/23/2022

DPW FILE NUMBER: 1-118-FP-972-0  
REV. NO.: 0



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



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

**SPRINKLER DEMOLITION NOTES:**

- ① CUT AND TEMPORARY CAP UNDERGROUND EXISTING 6" FIRE SERVICE FOR FUTURE CONNECTION BETWEEN CXD AND CXE BUILDINGS.
- ② REMOVE EXISTING 4" SERVICE, VALVES, DRY VALVE, COMPRESSOR AND ALL ASSOCIATED PIPING.
- ③ REMOVE EXISTING FDC, ALARM BELLS AND DRAIN PIPING.
- ④ REMOVE SPRINKLER PIPING WITHIN CXE BUILDING. REFER TO CXE FIRE PROTECTION DRAWINGS FOR CONTINUATION.
- ⑤ DEMOLISH ALL EXISTING DRY SPRINKLER PIPING WITHIN THE CXD BUILDING INCLUDING ATTIC SPACE.
- ⑥ DEMOLISH ALL EXISTING SPRINKLER HEADS WITHIN THE CXD BUILDING.
- ⑦ CUT AND PERMANENTLY CAP EXISTING 4" DRAINAGE PIPING 1 FEET BELOW FINISHED SURFACE.
- ⑧ REMOVE EXISTING 1/2" COLD WATER PIPING INCLUDING HOSE BIBS ON EXTERIOR OF CXD AND CXE BUILDINGS.

**GENERAL NOTES:**

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

CONSULTANT INFORMATION

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

CONSULTANT SEAL

| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
|-----------------|------|---------|----------|----------|
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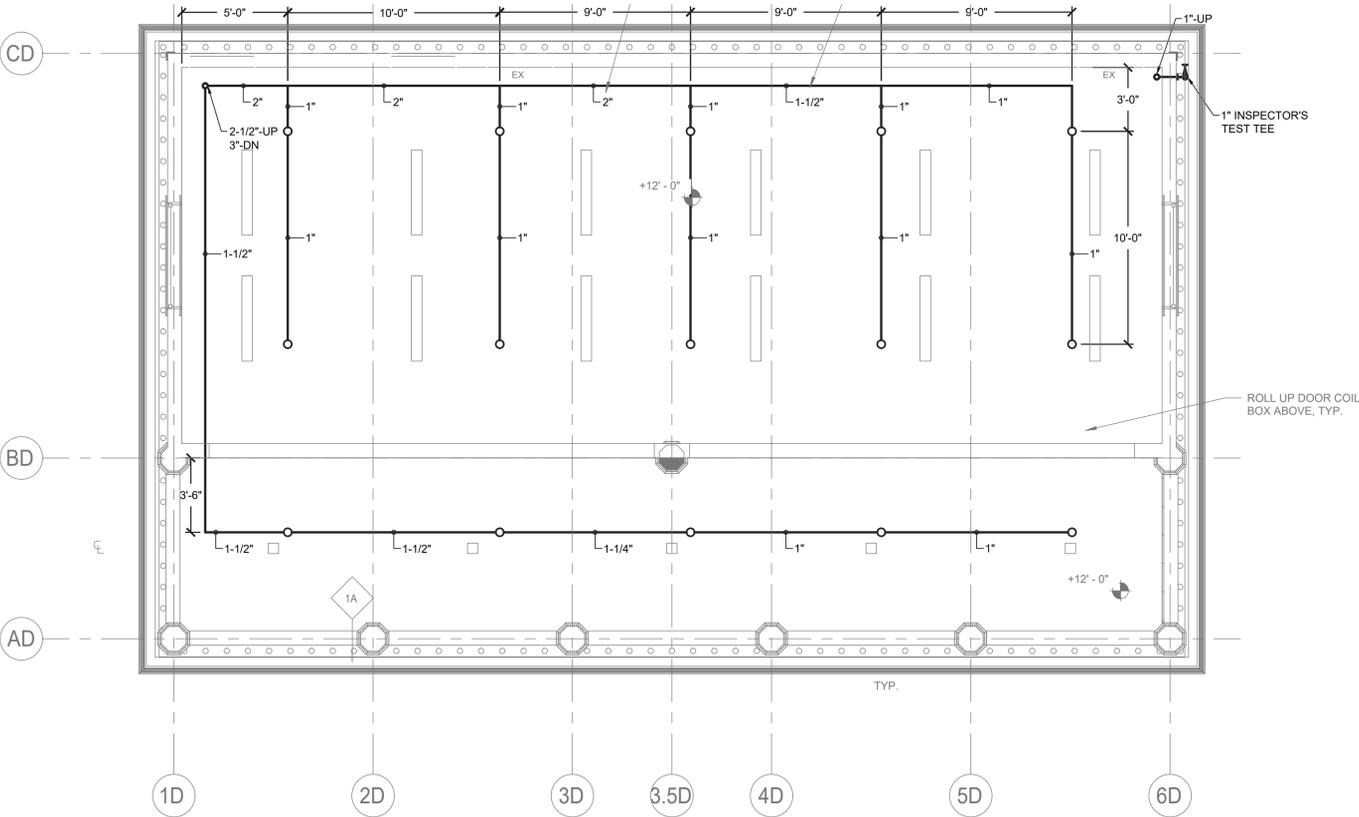
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|             |             |                     |                 |
|-------------|-------------|---------------------|-----------------|
| CONTRACTOR  |             | PROJECT COORDINATOR |                 |
| NAME _____  | NAME _____  | SIGNATURE _____     | SIGNATURE _____ |
| TITLE _____ | TITLE _____ | DATE _____          | DATE _____      |

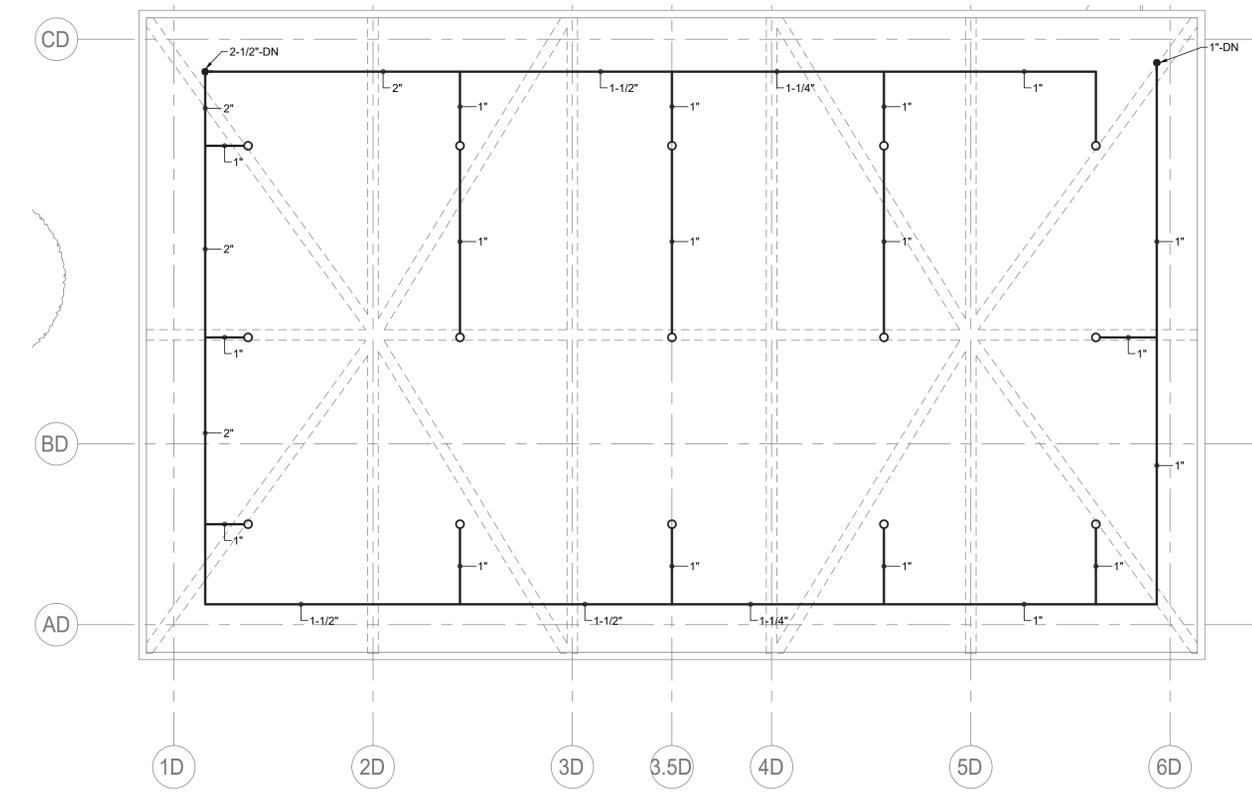
WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
DIVISION OF ENGINEERING

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

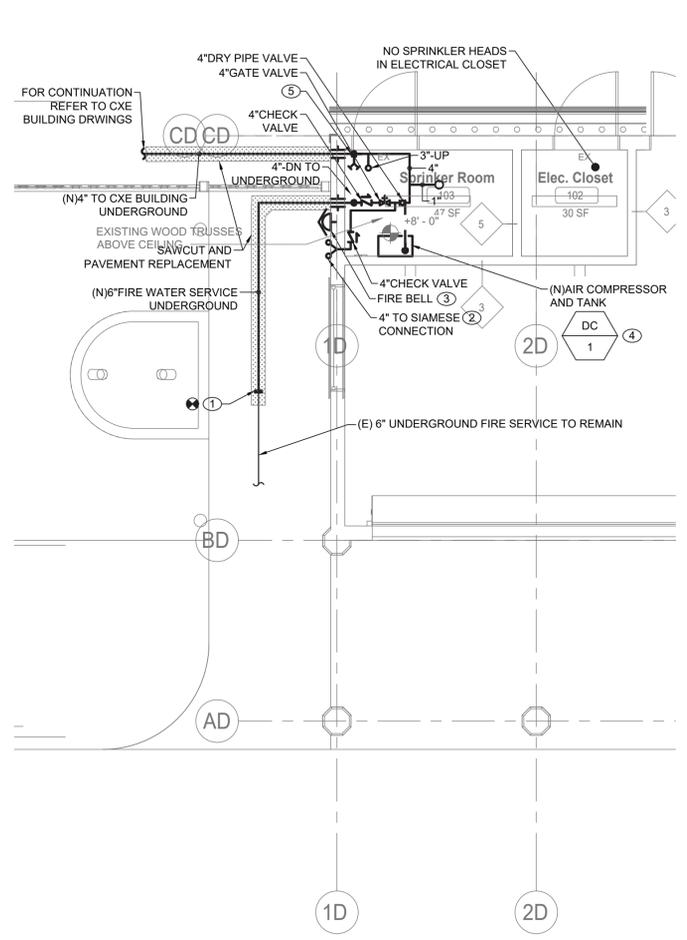
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| CONTRACT NUMBER<br><b>22-523</b>         | SHEET NUMBER<br><b>CXD-FP-11</b> |
| DWG NO.: 224 of 664                      |                                  |
| SCALE: <b>AS INDICATED</b>               |                                  |
| DATE: 08/23/2022                         |                                  |
| DPW FILE NUMBER<br><b>1-118-FP-973-0</b> | REV. NO.<br><b>0</b>             |



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



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



**FIRE PROTECTION SPRINKLER ROOM AND ELECTRICAL CLOSET CONSTRUCTION PLAN**  
SCALE: 1/4" = 1'-0"

- FIRE PROTECTION CONSTRUCTION NOTES:**
- 1 RECONNECT NEW 6" FIRE SERVICE TO EXISTING BETWEEN CXD AND CXE BUILDINGS.
  - 2 INSTALL NEW SIGNAGE AND NEW FLUSH SIAMESE CONNECTION. SUCH SIGN SHALL HAVE THE LETTERS "FDC" AT LEAST 6 INCHES (152 MM) HIGH AND AN ARROW TO INDICATE THE LOCATION OF THE SIAMESE CONNECTION. SIGN SHALL BE LOCATED IN FRONT OF THE BUILDING AND POINTING IN THE DIRECTION OF THE SIAMESE CONNECTION. SIGN SHALL BE SUBJECT TO THE APPROVAL OF THE FIRE CODE OFFICIAL.
  - 3 INSTALL NEW FIRE BELL AND CONNECT TO ALARM SYSTEM.
  - 4 INSTALL NEW AIR COMPRESSOR AND AIR PIPING. AIR COMPRESSOR SHALL BE INSTALLED ON A CONCRETE PAD. LOCATION OF THE NEW AIR COMPRESSOR AND TANK SHALL BE LOCATED IN THE FIELD. PROVIDE A SHUT OFF VALVE ON THE PIPING FROM THE AIR COMPRESSOR.
  - 5 PROVIDE ACCESSIBLE FOR MAINTENANCE CONCRETE PIT WITH WATERTIGHT COVER AND DRAIN VALVE ON THE LOWEST POINT OF THE PIPE FOR CXE BUILDING. REFER TO ARCHITECTURAL DRAWINGS FOR MORE DETAILS.

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

CONSULTANT INFORMATION

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

CONSULTANT SEAL

| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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RECORD DRAWING CERTIFICATION

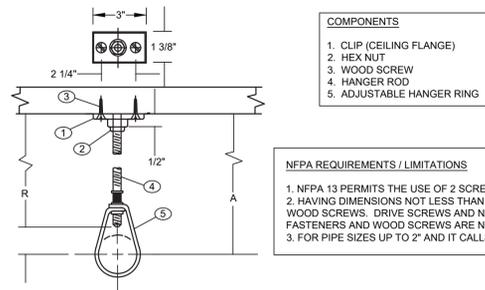
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|                 |                     |
|-----------------|---------------------|
| CONTRACTOR      | PROJECT COORDINATOR |
| NAME _____      | NAME _____          |
| SIGNATURE _____ | SIGNATURE _____     |
| TITLE _____     | TITLE _____      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

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

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

|  |                                  |
|--|----------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>         | SHEET NUMBER<br><b>CXD-FP-21</b> |
| DWG NO.: 225 of 664                      |                                  |
| SCALE: <b>AS INDICATED</b>               |                                  |
| DATE: 08/23/2022                         |                                  |
| DPW FILE NUMBER<br><b>1-118-FP-974-0</b> | REV. NO.<br><b>0</b>             |



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

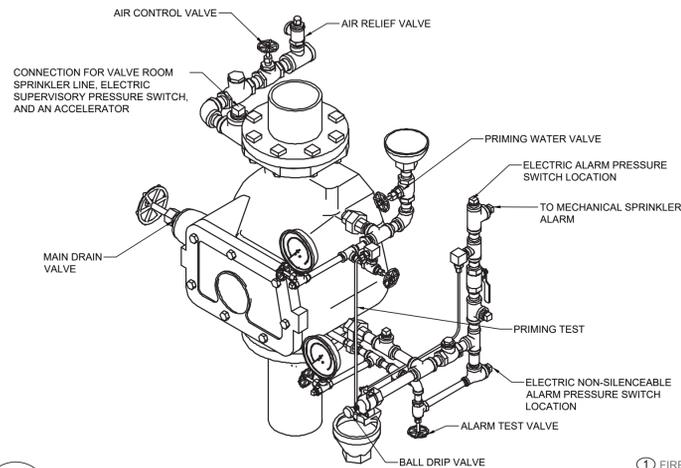
**NFPA REQUIREMENTS / LIMITATIONS**

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

**DESIGN DATA FOR CLIP HANGERS**

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

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



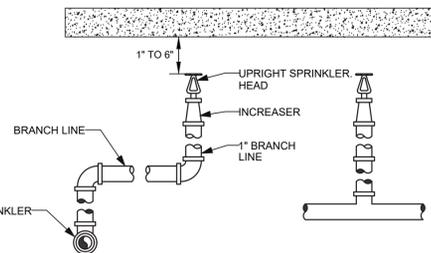
**5 DRY VALVE DETAIL**  
FP-81 SCALE: NOT TO SCALE

**SPRINKLER DEMOLITION NOTES:**

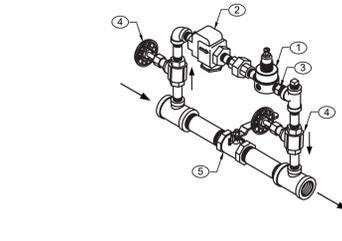
1. DISCONNECT FROM FIRE ALARM SYSTEM & DEMOLISH EXISTING FIRE BELL.
2. DEMOLISH EXISTING AIR COMPRESSOR AND ASSOCIATED AIR PIPING.
3. DEMOLISH EXISTING 4" DRY VALVE. DISCONNECT EXISTING FIRE ALARM DEVICES FOR FUTURE CONNECTION.
4. CUT AND TEMPORARILY CAP EXISTING 6" FIRE SERVICE FOR FUTURE CONNECTION BEHIND BUILDING LINE.

**SPRINKLER CONSTRUCTION NOTES:**

1. INSTALL NEW FIRE BELL AND RECONNECT TO EXISTING ALARM SYSTEM. FIRE BELL SHALL BE LOCATED IN THE SAME LOCATION OF THE CURRENTLY INSTALLED AND CONNECTED FIRE BELL.
2. INSTALL NEW AIR COMPRESSOR AND AIR PIPING. AIR COMPRESSOR SHALL BE INSTALLED ON A CONCRETE PAD. LOCATION OF THE NEW AIR COMPRESSOR AND TANK SHALL BE LOCATED IN THE FIELD. PROVIDE A SHUT OFF VALVE ON THE PIPING FROM THE AIR COMPRESSOR.
3. INSTALL NEW 4" DRY VALVE. RECONNECT FIRE ALARM DEVICES TO EXISTING SYSTEM.
4. RECONNECT EXISTING 6" FIRE SERVICE TO NEW UNDERGROUND BEHIND BUILDING LINE.
5. INSTALL NEW SIGNAGE AND NEW SIAMESE CONNECTION. SUCH SIGN SHALL HAVE THE LETTERS "FDC" AT LEAST 6 INCHES (152 MM) HIGH AND AN ARROW TO INDICATE THE LOCATION OF THE SIAMESE CONNECTION. SIGN SHALL BE LOCATED IN FRONT OF THE GAMES ROW NORTH BATHROOM AND POINTING IN THE DIRECTION OF THE SIAMESE CONNECTION. SIGN SHALL BE SUBJECT TO THE APPROVAL OF THE FIRE CODE OFFICIAL.



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

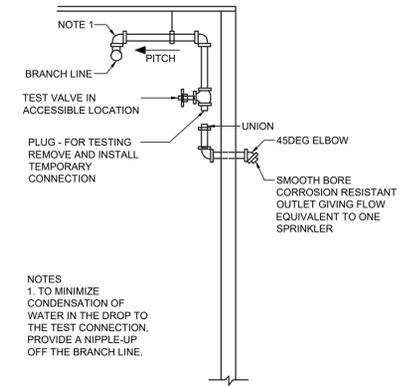


- TRIMS:**
1. REGULATOR, 5-100 PSI
  2. STRAINER, 1/4" NPT, 90
  3. CHECK VALVE, 1/4"
  4. GLOBE VALVE, 1/4"
  5. BALL VALVE, 3/4"

**NOTES:**

1. PROVIDE PRESSURE GAUGE UPSTREAM AND DOWNSTREAM OF AIR MAINTENANCE DEVICE.
2. PROVIDE RELIEF VALVE DOWNSTREAM OF AIR MAINTENANCE DEVICE, AND IT SHALL BE SET TO RELIEF PRESSURE NO LESS THAN 10 PSI IN EXCESS OF SYSTEM AIR PRESSURE PROVIDED.

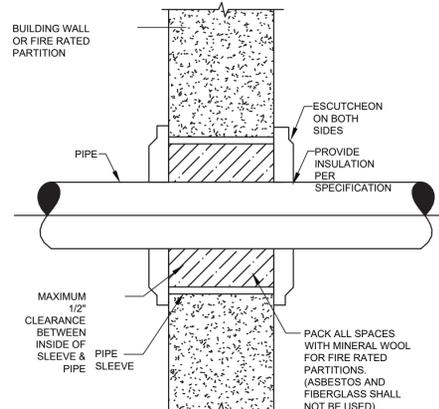
**3 AIR MAINTENANCE DEVICE DETAIL**  
FP-81 SCALE: NOT TO SCALE



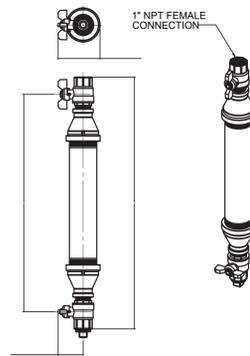
**NOTES:**

1. TO MINIMIZE CONDENSATION OF WATER IN THE DROP TO THE TEST CONNECTION, PROVIDE A NIPPLE-UP OFF THE BRANCH LINE.

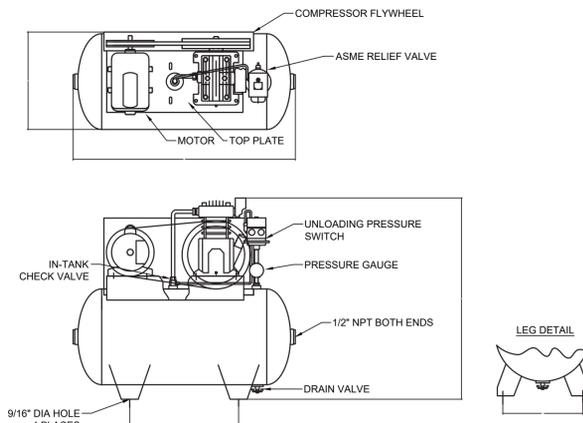
**4 DRY PIPE TEST CONNECTION**  
FP-81 SCALE: NOT TO SCALE



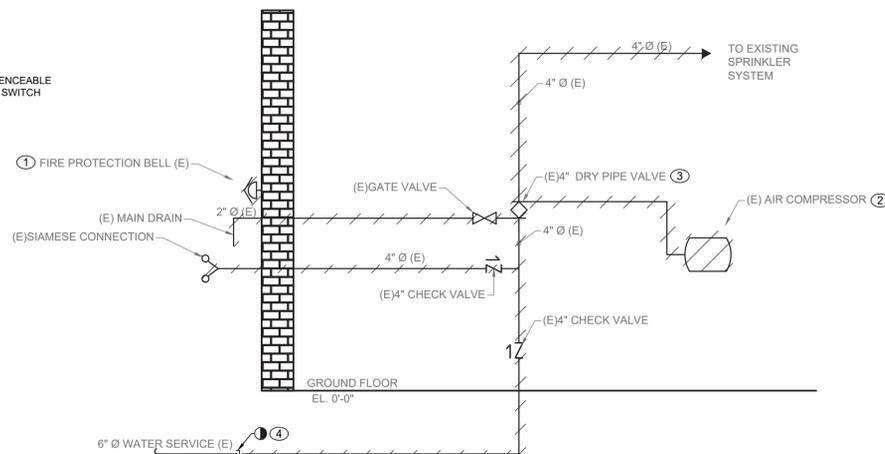
**6 PIPE PENETRATION**  
FP-81 SCALE: NOT TO SCALE



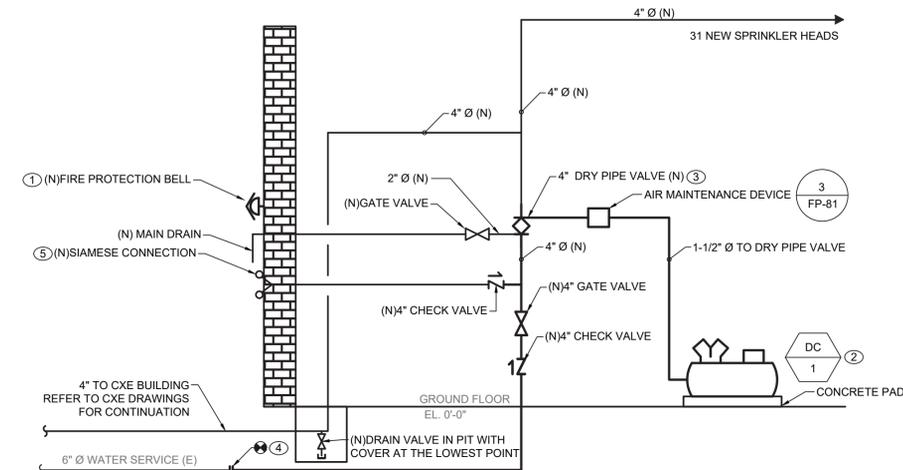
**7 DRY SYSTEM AUXILIARY DRAIN**  
FP-81 SCALE: NOT TO SCALE



**8 DRY SYSTEM COMPRESSOR**  
FP-81 SCALE: NOT TO SCALE



**9 SPRINKLER ROOM RISER - DEMOLITION**  
FP-81 SCALE: NOT TO SCALE



**10 SPRINKLER ROOM RISER - CONSTRUCTION**  
FP-81 SCALE: NOT TO SCALE

**GENERAL NOTES:**

2. ALL DISTRIBUTION PIPING, INCLUDING PIPING NOT BEING REPLACED, SHALL BE (RE)PAINTED. REFER TO SPECIFICATION FOR PAINT TYPE AND APPLICATION PROCEDURE.
3. COORDINATE WITH FACILITY PRIOR TO SHUTDOWN OF FIRE PROTECTION SYSTEM FOR ANY DEMOLITION AND CONSTRUCTION WORK.
4. CONTRACTOR SHALL PROVIDE FIRE WATCH AS NEEDED FOR THE BUILDING WHILE SPRINKLER COVERAGE IS IMPACTED.
5. UPON COMPLETION OF NEW EQUIPMENT, SYSTEM SHALL BE TESTED FOR PROPER OPERATION.
6. CONTRACTOR TO COORDINATE WITH FACILITY WHEN WORKING AROUND OR ABOVE THE RIDE COMPONENTS, AND PROVIDE ALL NECESSARY MEASURES TO PROTECT THESE COMPONENTS PER THE REQUIREMENTS OF THE FACILITY.



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
|-----------------|------|---------|----------|----------|
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|                 |      |         |          |          |

**RECORD DRAWING CERTIFICATION**

AS BUILT - CHANGES AS NOTED       AS BUILT - NO CHANGES

| CONTRACTOR |  | PROJECT COORDINATOR |  |
|------------|--|---------------------|--|
| NAME       |  | NAME                |  |
| SIGNATURE  |  | SIGNATURE           |  |
| TITLE      |  | TITLE               |  |
| DATE       |  | DATE                |  |

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

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

| CONTRACT NUMBER     | SHEET NUMBER                    |
|---------------------|---------------------------------|
| 22-523              | CXD-FP-81                       |
| DWG NO.: 226 of 664 | SCALE: AS INDICATED             |
| DATE: 08/23/2022    | DPW FILE NUMBER: 1-118-FP-975-0 |
| REV. NO. 0          |                                 |

## MECHANICAL GENERAL NOTES

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

## CODE REFERENCE

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

## MECHANICAL DEMOLITION NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION OF MECHANICAL EQUIPMENT AND MATERIAL RELATING TO THEIR RESPECTIVE TRADE.
- THE CONTRACTOR SHALL REMOVE, RELOCATE, REPLACE, ADJUST, ADAPT AND MODIFY EXISTING EQUIPMENT AND/OR SYSTEMS AS REQUIRED WHEN SUCH WORK IS UNCOVERED AND FOUND TO INTERFERE WITH COMPLETION OF WORK IN THIS CONTRACT OR OTHER CONTRACT WORK.
- EXECUTE THE DEMOLITION IN CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE DISTURBANCE TO THE PUBLIC, EGRESS OR THE FUNCTIONING OF THE EXISTING BUILDING.
- TAKE NECESSARY PRECAUTIONS TO PREVENT DUST AND DIRT FROM RISING BY WETTING DEMOLISHED DEBRIS. EXCESSIVE USE OF WATER WILL NOT BE PERMITTED.
- PRIOR TO DEMOLITION, CONTRACTOR SHALL REVIEW WITH OWNER ALL MATERIALS TO BE REMOVED, SHOULD THE OWNER WANT TO KEEP ANY MATERIALS THE CONTRACTOR SHALL REMOVE AND DELIVER THE PARTS TO THE OWNER ON THE SITE WHERE SO DIRECTED. OTHERWISE ALL DEMOLISHED OR REMOVED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AND BE DISPOSED OF IN A LEGAL MANNER.
- DEMOLITION SHALL INCLUDE REMOVAL OF ALL PARTS AND PIECES IN THEIR ENTIRETY BACK TO POINTS INDICATED OR IF NOT INDICATED BACK TO THEIR POINT OF SOURCE.
- WHERE CONDITIONS PROHIBIT TOTAL REMOVAL OF THE WORK, THE REMAINING PORTION SHALL BE CUT FLUSH WITH THE SURROUNDING SURFACE AND BE CAPPED, PLUGGED OR SEALED AND THE SURROUNDING SURFACE SHALL BE REFINISHED IN AN APPROVED MANNER.
- DO NOT REMOVE EXISTING STRUCTURAL WORK. DO NOT REMOVE OPERATIONAL ELEMENTS AND SAFETY-RELATED COMPONENTS IN A MANNER RESULTING IN A REDUCTION OF CAPACITIES TO PERFORM IN THE MANNER INTENDED OR RESULTING IN DECREASED OPERATIONAL LIFE, INCREASED MAINTENANCE, OR DECREASED SAFETY.
- REMOVALS, DISCONNECTIONS, AND RELOCATIONS SHALL BE PERFORMED BY WORKMEN SKILLED IN THE TRADE INVOLVED AND SHALL BE EMPLOYED BY A CONTRACTOR LICENSED IN THE TRADE INVOLVED. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ACCEPTED TRADE PRACTICES.
- PROVIDE ADEQUATE TEMPORARY SUPPORT FOR WORK TO REMAIN, TO PREVENT FAILURE. DO NOT ENDANGER OTHER WORK.
- PROTECTION: PROVIDE ADEQUATE PROTECTION WHERE REQUIRED FOR THE PRESENT BUILDING AND ITS CONTENTS. TEMPORARY DUSTPROOF BARRIERS AND BARRICADES SHALL BE ERRECTED WHERE REQUIRED FOR PROTECTION OF PERSONNEL, PROTECTION FROM DUST AND DIRT, FOR SECURITY, FIRE AND WEATHER PROTECTIVE REASONS.
- CONTRACTOR SHALL TAKE EVERY PRECAUTION AGAINST FIRE BY EMPLOYING FIRE DEPARTMENT TYPE HOSES AND PORTABLE FIRE EXTINGUISHERS AS REQUIRED BY OSHA AND/OR THE OWNERS INSURANCE UNDERWRITER.
- BEFORE STARTING DEMOLITION OPERATIONS, PROVIDE THE NECESSARY PROTECTIVE DEVICES, WHERE REQUIRED, AND IN STRICT ACCORDANCE WITH OSHA RULES AND REGULATIONS.
- USE TEMPORARY ENCLOSURES, OR OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING TO LOWEST PRACTICAL LEVEL. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
- FIELD VERIFY DEMOLITION REQUIREMENTS AND EXISTING CONDITIONS. DEMOLITION NOTES ARE INDICATED IN NOTE FORM.
- CONTRACTOR SHALL ESTABLISH A PATH OF TRAVEL AND TIME SCHEDULE FOR THE REMOVAL OF ALL DEBRIS AND WASTE, AND HAVE THIS APPROVED BY OWNER. CONTRACTOR IS TO ENSURE THAT ALL CORRIDORS AND PUBLIC AREAS BE KEPT FREE OF OBSTRUCTIONS, DEBRIS, AND ARE TO BE BROOM SWEEP CLEAN AT ALL TIMES.
- CONTRACTOR SHALL VISIT THE SITE AND BECOME INFORMED AS TO THE CONDITION OF THE PREMISES AND THE EXTENT AND CHARACTER OF WORK REQUIRED. NO ADDITIONAL COMPENSATION WILL BE APPROVED DUE TO FIELD CONDITIONS.

## NYSECC ENERGY COMPLIANCE STATEMENT:

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

## HVAC SYMBOL LIST

| IDENTIFIER | DESCRIPTION  |
|------------|--|
|            | NEW DUCTWORK OR PIPING   |
|            | EXISTING DUCTWORK OR PIPING TO BE REMOVED  |
|            | EXISTING DUCTWORK OR PIPING TO REMAIN  |
|            | DOUBLE-LINE AND SINGLE-LINE RECTANGULAR DUCT. FIRST NUMBER INDICATES SIDE IN VIEW IN INCHES, SECOND NUMBER INDICATES SIDE IN DEPTH IN INCHES |
|            | FLEXIBLE DUCTWORK  |
|            | REGULAR SUPPLY AIR DUCT (UP AND DOWN)  |
|            | REGULAR RETURN AIR DUCT (UP AND DOWN)  |
|            | REGULAR EXHAUST AIR DUCT (UP AND DOWN)   |
|            | REGULAR OUTSIDE AIR DUCT (UP AND DOWN)   |
|            | VOLUME DAMPER  |
|            | BACKDRAFT DAMPER   |
|            | MOTOR OPERATED DAMPER  |
|            | EQUIPMENT TAG<br>EQUIPMENT NUMBER  |
|            | DETAIL TAG/CALL OUT TAG<br>MECHANICAL SHEET NUMBER   |
|            | THERMOSTAT   |
|            | EXHAUST GRILLE   |
|            | REFER TO SUPPLEMENTAL FIGURE INDICATED BY NUMBER (I.E. F2 REFERS TO FIGURE 2)  |

## HVAC ABBREVIATIONS

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

## SCOPE OF WORK

- DEMOLITION**
- REMOVE ONE (1) EXISTING THRU WALL AC UNIT AS INDICATED.
  - REMOVE ONE (1) EXISTING WALL MOUNTED PROPELLER FAN AS INDICATED.
  - REMOVE ONE (1) EXISTING ELECTRIC UNIT HEATERS AND ASSOCIATED SUPPORTS, WIRING AND ACCESSORIES.
- CONSTRUCTION**
- PROVIDE ONE (1) NEW WALL MOUNTED ELECTRIC UNIT HEATERS AS INDICATED.

## MECHANICAL DRAWING LIST

| SHEET NO. | SHEET NAME                                 | REVISION NO. | REVISION DATE |
|-----------|--|--------------|---------------|
| CXD-M-01  | MECHANICAL NOTES, SYMBOLS, & LEGENDS       | 0            | -             |
| CXD-M-11  | MECHANICAL 1ST FLOOR DEMOLITION PLAN       | 0            | -             |
| CXD-M-21  | MECHANICAL 1ST FLOOR CONSTRUCTION PLAN     | 0            | -             |
| CXD-M-61  | MECHANICAL SCHEDULES, DETAILS AND CONTROLS | 0            | -             |

## TABLE 1: ENERGY CODE ANALYSIS TABLE FOR MECHANICAL SYSTEMS

(PER 2020 NYS ENERGY CODE)

| ITEM DESCRIPTION     | PROPOSED VALUE                | MINIMUM EFFECIENCY    | CODE PRECRIBED VALUE AND CITATION | CITATION | SUPPORTING DOCUMENTATION              |          |                                |
|----------------------|-------------------------------|-----------------------|-----------------------------------|----------|---------------------------------------|----------|--------------------------------|
|                      |                               |                       |                                   |          |                                       | UNIT TAG | EQUIPMENT TYPE                 |
| HVAC SYSTEM CONTROLS | ALL HEATING COOLING EQUIPMENT | THERMOSTATIC CONTROLS | DIGITAL THERMOSTATS               | -        | THERMOSTATIC CONTROLS FOR HVAC SYSTEM | C403.2.6 | MECHANICAL SCHEDULES AND PLANS |

## TABLE 2: ENERGY CODE COMPLIANCE INSPECTIONS FOR MECHANICAL SYSTEMS

(IIB - MECHANICAL AND SERVICE WATER HEATING INSPECTIONS)

| INSPECTION TEST | FREQUENCY                                      | REFERENCE STANDARDS  | INSPECTION DESCRIPTION  | ECC CITATION   |  |
|-----------------|--|--|---|--|--|
| IIB3            | HVAC AND SERVICE WATER HEATING EQUIPMENT       | PRIOR TO FINAL MECHANICAL AND CONSTRUCTION INSPECTION  | APPROVED CONSTRUCTION DOCUMENTS                                     | EQUIPMENT SIZING, EFFICIENCIES AND OTHER PERFORMANCE FACTORS OF ALL MAJOR EQUIPMENT UNITS, AS DETERMINED BY THE APPLICANT OF RECORD, AND NO LESS THAN 15% OF MINOR EQUIPMENT UNITS, SHALL BE VERIFIED BY VISUAL INSPECTION AND, WHERE NECESSARY, REVIEW OF MANUFACTURER'S DATA. POOL HEATERS AND COVERS SHALL BE VERIFIED BY VISUAL INSPECTION | NYSECC C403.2, C404.2, C404.7, C406.2  |
| IIB4            | HVAC AND SERVICE WATER HEATING SYSTEM CONTROLS | AFTER INSTALLATION AND PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION, EXCEPT THAT FOR CONTROLS WITH SEASONALLY DEPENDENT FUNCTIONALITY, SUCH TESTING SHALL BE PERFORMED BEFORE SIGN-OFF FOR ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY | APPROVED CONSTRUCTION DOCUMENTS INCLUDING CONTROL SYSTEM NARRATIVES | NO LESS THAN 20% OF EACH TYPE OF REQUIRED CONTROLS AND ECONOMIZERS SHALL BE VERIFIED BY VISUAL INSPECTION AND TESTED FOR FUNCTIONALITY AND PROPER OPERATION. SUCH CONTROLS SHALL INCLUDE, BUT ARE NOT LIMITED TO, THERMOSTATIC AND ECONOMIZER CONTROLS   | NYSECC C403.2.4, C403.2.5.1, C403.2.11, C403.3, C403.4, C404.3, C404.6, C404.7 |

CONSULTANT INFORMATION



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

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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED  AS BUILT - NO CHANGES

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

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

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

CONTRACT NUMBER

22-523

SHEET NUMBER

CXD-M-01

DWG NO.: 227 of 664

SCALE: AS INDICATED

DATE: 08/23/2022

DPW FILE NUMBER

1-118-M-976-0

REV. NO.

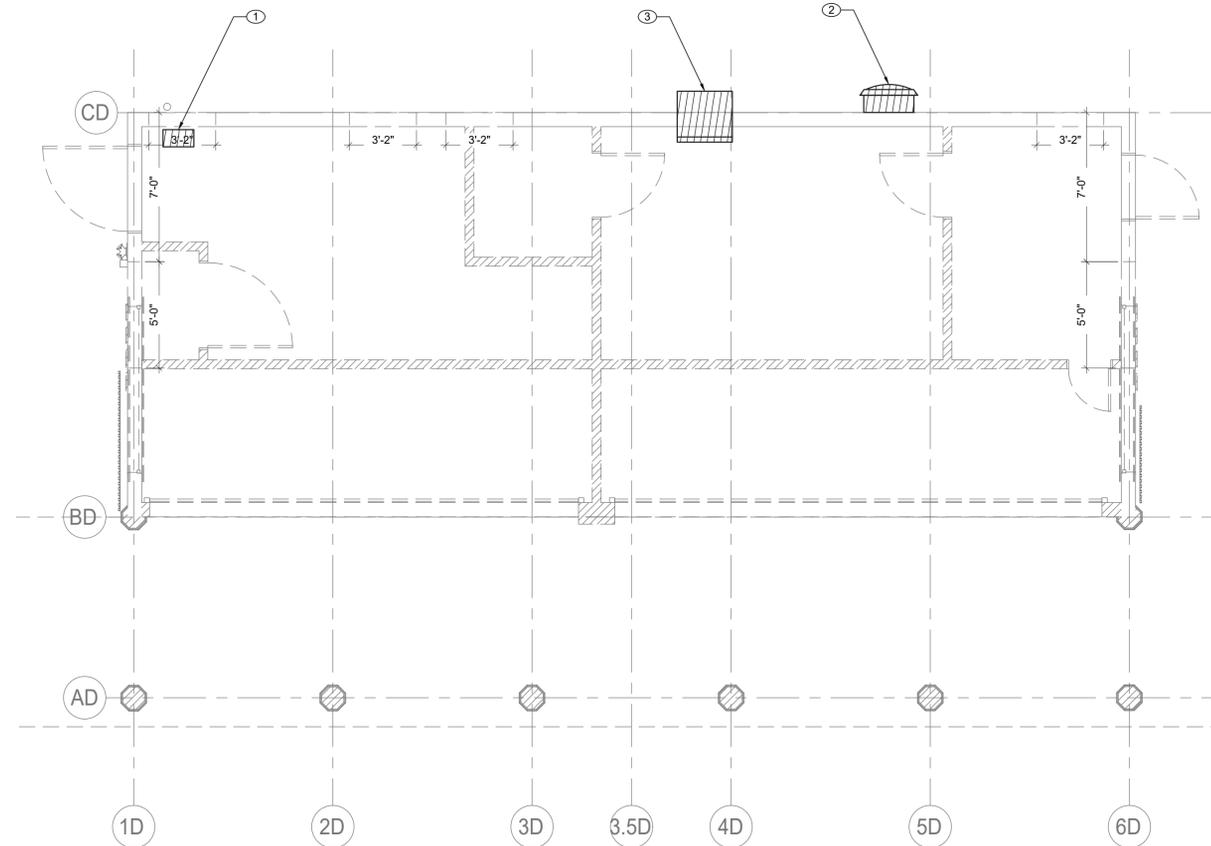
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**GENERAL NOTES:**

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 DEMOLISH EXISTING WALL MOUNTED PROPELLER FAN. COORDINATE REMOVAL OF ELECTRICAL POWER AND WIRING WITH ELECTRICAL CONTRACTOR. COORDINATE WITH GC TO SEAL EXISTING WALL PENETRATION.
- ③ REMOVE EXISTING THRU WALL AC UNIT. IF NO LONGER IN WORKING CONDITION, DISPOSAL SHALL BE IN ACCORDANCE WITH EPA REQUIREMENTS. COORDINATE WITH GC TO SEAL EXISTING WALL PENETRATION.



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

CONSULTANT INFORMATION



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| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED       AS BUILT - NO CHANGES

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

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

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

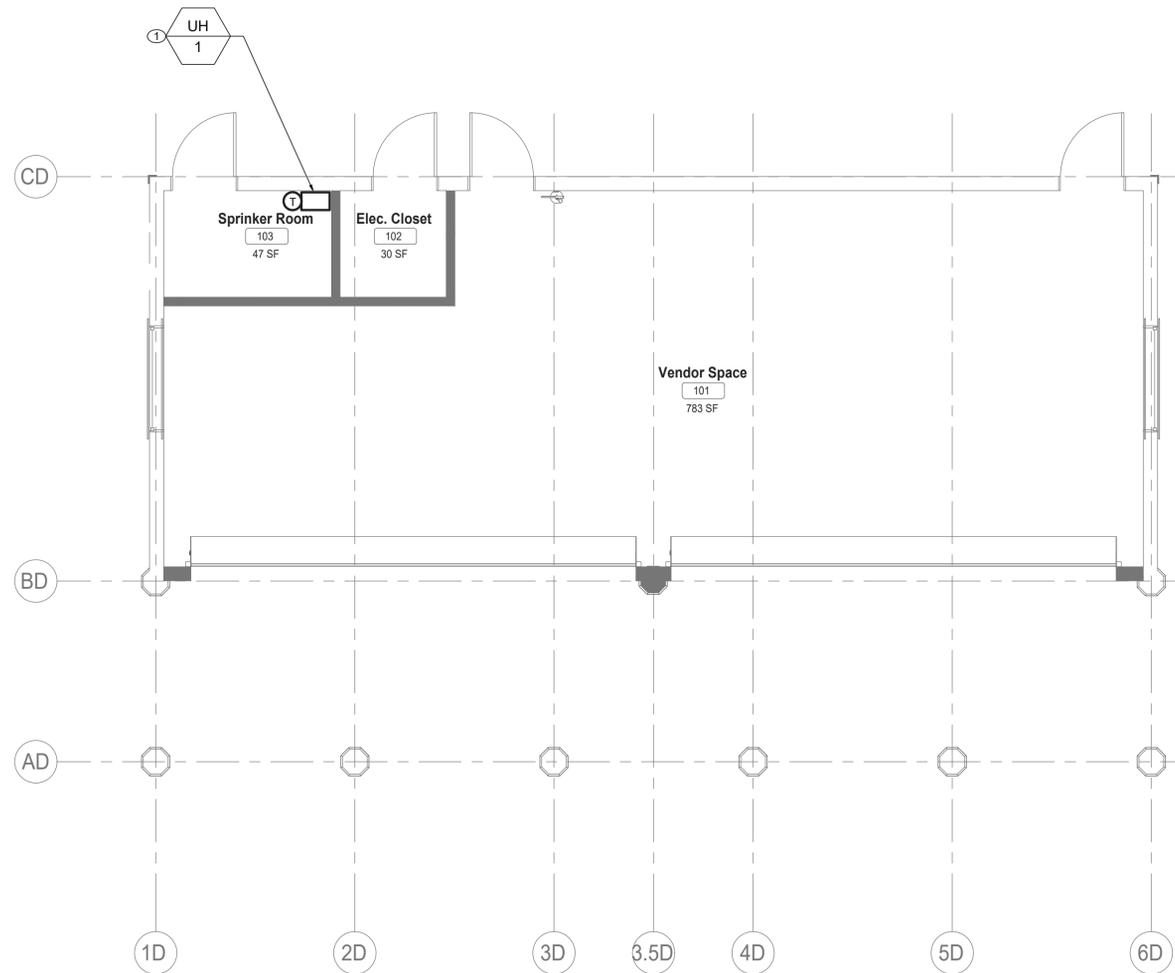
| CONTRACT NUMBER     | SHEET NUMBER |
|---------------------|--------------|
| 22-523              | CXD-M-11     |
| DWG NO.: 228 of 664 |              |
| SCALE: AS INDICATED |              |
| DATE: 08/23/2022    |              |
| DPW FILE NUMBER     | REV. NO.     |
| 1-118-M-977-0       | 0            |

**GENERAL NOTES:**

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

**MECHANICAL CONSTRUCTION NOTES:**

- ① PROVIDE NEW ELECTRIC WALL MOUNTED UNIT HEATER. COORDINATE INSTALL HEIGHT IN FIELD.



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

CONSULTANT INFORMATION

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RECORD DRAWING CERTIFICATION

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

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

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

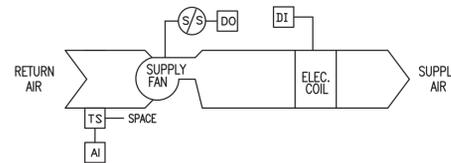
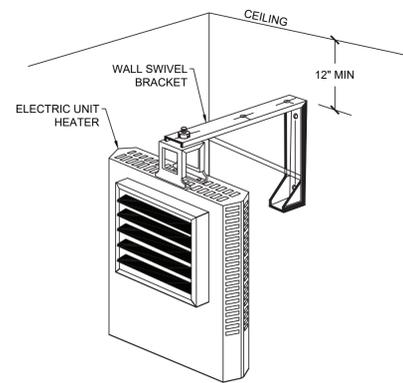
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| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-M-21</b> |
| DWG NO.: 229 of 664                     |                                 |
| SCALE: <b>AS INDICATED</b>              |                                 |
| DATE: 08/23/2022                        |                                 |
| DPW FILE NUMBER<br><b>1-118-M-978-0</b> | REV. NO.<br><b>0</b>            |

### ELECTRIC UNIT HEATER SCHEDULE

| TAG  | MANUFACTURER | MODEL        | SERVICE            | TYPE      | KW  | AMPS | V-PH-HZ  |
|------|--------------|--------------|--------------------|-----------|-----|------|----------|
| UH-1 | TRANE        | UHEC-031A0C0 | 103 SPRINKLER ROOM | WALL HUNG | 3.3 | 15.9 | 208-1-60 |

NOTES:

1. PROVIDE UNIT MOUNTED 2-STAGE THERMOSTAT, REFER TO CONTROLS



**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 CLOSURE. USE 5 DEG. F (ADJUSTABLE) DEADBAND TO MINIMIZE SHORT CYCLING.

**1 MECHANICAL WALL MOUNTED ELECTRIC UNIT HEATER DETAIL**  
M-61 SCALE: NOT TO SCALE

**2 UNIT HEATER - ELECTRIC**  
M-61 SCALE: NOT TO SCALE

CONSULTANT INFORMATION

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RECORD DRAWING CERTIFICATION

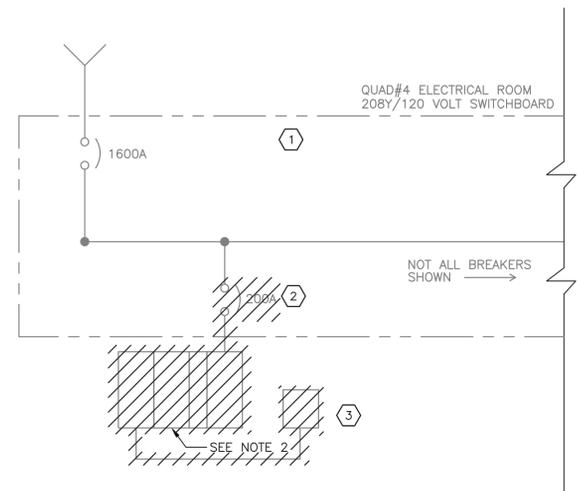
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| CONTRACTOR      |                 | PROJECT COORDINATOR |                 |
|-----------------|-----------------|---------------------|-----------------|
| NAME _____      | NAME _____      | NAME _____          | NAME _____      |
| SIGNATURE _____ | SIGNATURE _____ | SIGNATURE _____     | SIGNATURE _____ |
| TITLE _____     | TITLE _____     | TITLE _____         | TITLE _____     |

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 D  
MECHANICAL SCHEDULE, DETAILS AND CONTROLS**

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-M-61</b> |
| DWG NO.: 230 of 664                     |                                 |
| SCALE: <b>AS INDICATED</b>              |                                 |
| DATE: 08/23/2022                        |                                 |
| DPW FILE NUMBER<br><b>1-118-M-979-0</b> | REV. NO.<br><b>0</b>            |



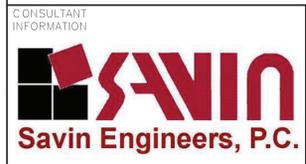
- NOTES:**
- FOR ADDITIONAL NOTES, ABBREVIATIONS, AND SYMBOLS, SEE DRAWING GE-E-01.
  - THERE IS AN ARRAY OF POOR CONDITION POWER PANELS LOCATED IN THE REAR OF BUILDING CXE. THESE PANELS POWER BOTH CXD AND CXE BUILDINGS. CONTRACTOR SHALL DISCONNECT AND REMOVE THE PANEL ARRAY IN ITS ENTIRETY. SEE DWG. CXE-E-01 FOR ADDITIONAL INFORMATION.

- KEY NOTES:**
- EXISTING 208Y/120 VOLT DISTRIBUTION BOARD LOCATED IN QUAD #4 ELECTRICAL ROOM.
  - CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING 200A CIRCUIT BREAKER. KEEP CIRCUIT BREAKER FOR FUTURE USE.
  - DISCONNECT AND REMOVE EXISTING BUILDING MOUNTED OFFICE PANEL NO. 1.

ONE LINE DIAGRAM - DEMOLITION  
N.T.S.

| PANELBOARD EXISTING - OFFICE PANEL 1 |                |                      |       |                          |          |                  |       |                           |                                    | LOCATION: CXD - REAR OFFICE ELECTRICAL CABINET MOUNTING SURFACE |              |       |             |             |          |                           |       |             |             |  |
|--------------------------------------|----------------|----------------------|-------|--------------------------|----------|------------------|-------|---------------------------|------------------------------------|---|--------------|-------|-------------|-------------|----------|---------------------------|-------|-------------|-------------|--|
| 1                                    |                | 3                    |       | 42                       |          | 42               |       | 42                        |                                    | 42  |              | 42    |             | 42          |          | 42                        |       | 42          |             |  |
| NEMA RATING                          |                | BOLES                |       | KVA SHORT CIRCUIT RATING |          | ELECTRONIC GRADE |       | NO                        |                                    | NO  |              | NO    |             | NO          |          | NO                        |       | NO          |             |  |
| XXX                                  | AMP BUS RATING | MLO AMP MAIN BREAKER | PHASE | WIRE                     | LOAD KVA | BREAKER AMPS     | POLES | CIRCUIT NO.               | DESCRIPTION                        | LOAD KVA  | BREAKER AMPS | POLES | CIRCUIT NO. | DESCRIPTION | LOAD KVA | BREAKER AMPS              | POLES | CIRCUIT NO. | DESCRIPTION |  |
| 208Y/120                             | VOLTS          | PHASE                | WIRE  | PHASE                    | PHASE    | PHASE            | PHASE | A                         | B                                  | C   | A            | B     | C           | A           | B        | C                         | A     | B           | C           |  |
| 1                                    |                |                      |       |                          |          |                  |       | 2                         | AIR CONDITIONING UNIT (208V) LEAVE |   |              |       |             |             |          |                           |       |             |             |  |
| 3                                    |                |                      |       |                          |          |                  |       | 4                         | ON                                 |   |              |       |             |             |          |                           |       |             |             |  |
| 5                                    |                |                      |       |                          |          |                  |       | 6                         | FAN                                |   |              |       |             |             |          |                           |       |             |             |  |
| 7                                    |                |                      |       |                          |          |                  |       | 8                         | DBL LIGHTS                         |   |              |       |             |             |          |                           |       |             |             |  |
| 9                                    |                |                      |       |                          |          |                  |       | 10                        | OFFICE LIGHTS                      |   |              |       |             |             |          |                           |       |             |             |  |
| 11                                   |                |                      |       |                          |          |                  |       | 12                        | WR POWER                           |   |              |       |             |             |          |                           |       |             |             |  |
| 13                                   |                |                      |       |                          |          |                  |       | 14                        | SPRINKLER - LEAVE ON               |   |              |       |             |             |          |                           |       |             |             |  |
| 15                                   |                |                      |       |                          |          |                  |       | 16                        | MW WG DOOR                         |   |              |       |             |             |          |                           |       |             |             |  |
| 17                                   |                |                      |       |                          |          |                  |       | 18                        | COMPUTER                           |   |              |       |             |             |          |                           |       |             |             |  |
| TOTAL PHASE KVA THIS SIDE            |                |                      |       |                          | 0        | 0                | 0     | TOTAL PHASE KVA THIS SIDE |                                    |   |              |       | 0           | 0           | 0        | TOTAL PHASE KVA THIS SIDE |       |             |             |  |
| TOTAL KVA PER PHASE                  |                |                      |       |                          | 0        | 0                | 0     | TOTAL KVA PER PHASE       |                                    |   |              |       | 0           | 0           | 0        | TOTAL KVA PER PHASE       |       |             |             |  |
| TOTAL THREE PHASE KVA                |                |                      |       |                          | 0        | 0                | 0     | TOTAL THREE PHASE KVA     |                                    |   |              |       | 0           | 0           | 0        | TOTAL THREE PHASE KVA     |       |             |             |  |

Drawing Name: C:\Savin\Avesad\2060\25\_Playland-Mega-3\E\CXDE-1001.dwg  
 Rev: 211001F02  
 Printed by: MCooby Date: 29 August 2022 7:52 AM Designed by: ---  
 xrefs: [TB-24036\_WestchesterCo\_3.dwg] [TSC-SVLOGO.dwg] [BCR-A-04.dwg] [BCRE-101.dwg]



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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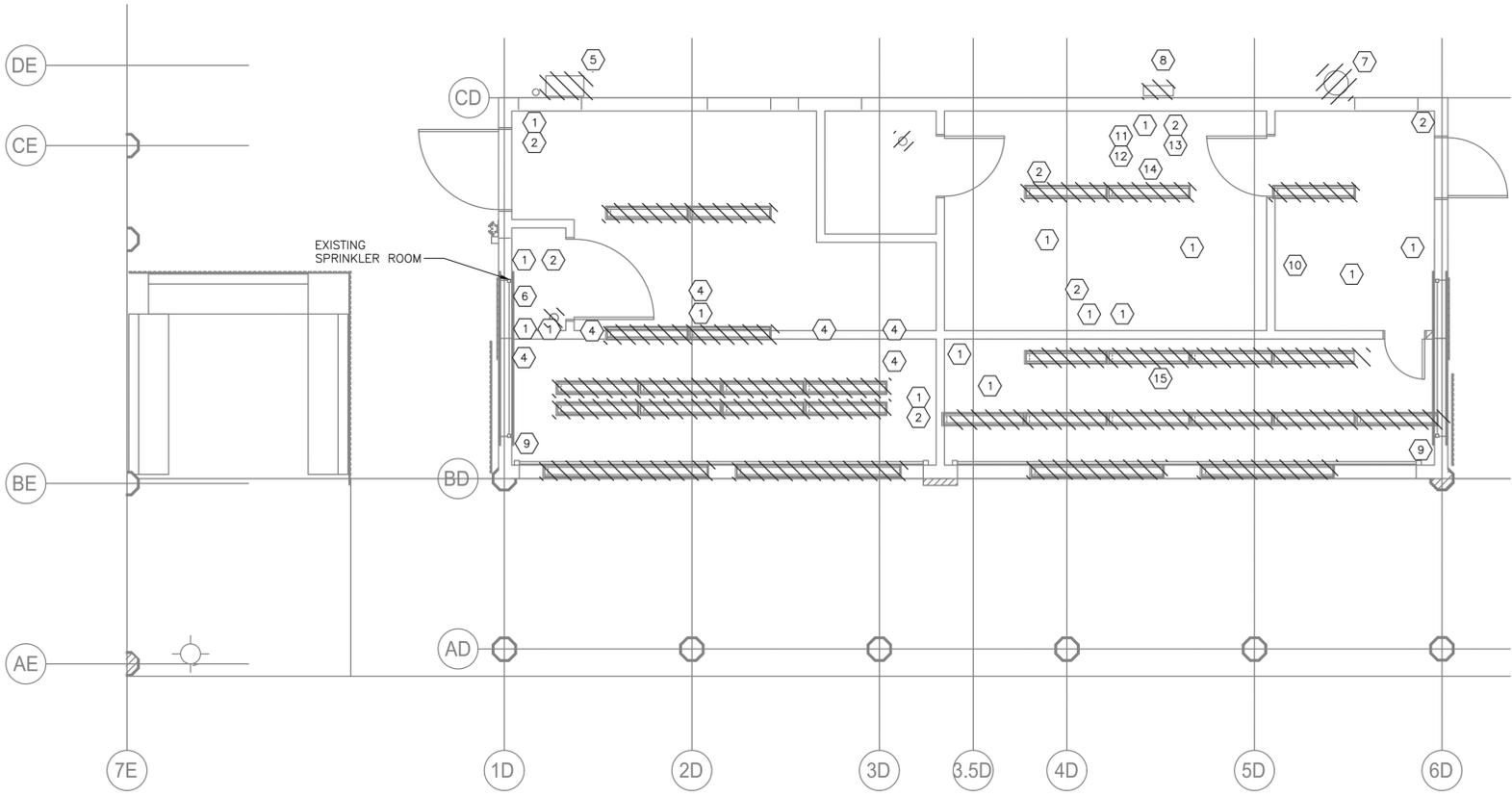
**RECORD DRAWING CERTIFICATION**

AS BUILT - CHANGES AS NOTED     
  AS BUILT - NO CHANGES

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

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

|                 |               |              |          |
|-----------------|---------------|--------------|----------|
| CONTRACT NUMBER | 22-523        | SHEET NUMBER | CXD-E-01 |
| DWG NO.:        | 231 of 664    | SCALE:       | AS SHOWN |
| DATE:           | 8/23/2022     | REV. NO.:    | 0        |
| DPW FILE NUMBER | 1-118-E-980-0 |              |          |

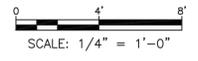


B GROUND FLOOR DEMOLITION PLAN (CXD)  
1/4" = 1'-0"

NOTES:

- FOR ADDITIONAL NOTES, ABBREVIATIONS, AND SYMBOLS, SEE DRAWING GE-E-01.
- ALL REMOVED EQUIPMENT SHALL BE RETURNED TO OWNER UPON REQUEST. OTHERWISE ALL REMOVED MATERIAL SHALL BE LEGALLY DISPOSED OF.
- DISCONNECT AND REMOVE ALL ELECTRICAL EQUIPMENT, LIGHTING, POWER, CONDUIT AND WIRE BACK TO SOURCE. REMOVE ALL PANELBOARDS. COMPLETE ELECTRICAL GUT UNLESS NOTED OTHERWISE.
- ALL EXISTING CABLE AND CONDUIT SHALL BE DOCUMENTED PRIOR TO REMOVAL.
- DISCONNECT AND REMOVE ALL EXTERIOR LIGHTING, ALL EXPOSED CONDUIT, JUNCTION BOXES, WIRE ETC.
- CONTRACTOR SHALL DEMOLISH ALL EXISTING JUNCTION BOXES AND ALL ASSOCIATED CONDUITS, WIRES AND APPURTENANCES. FOR BIDDING PURPOSES ASSUME 500 FEET 1" C, 3#12 & 1#12 GND.
- DISPOSITION OF EXISTING CCTV/DATA/COMMUNICATIONS CABINET SHALL BE BY OTHERS. THIS INCLUDES BOTH INCOMING AND OUTGOING CONDUIT AND CABLES.
- FOR PANEL SCHEDULE DEMOLITION, SEE DRAWING CXD-E-01.
- EXISTING, UNUSED EMPLOYEE PUNCH TIME CLOCK. CONTRACTOR SHALL DISCONNECT AND REMOVE PUNCH BOX. RETURN PUNCH CLOCK TO OWNER.
- GAME SIGN WITH LIGHTS. CONTRACTOR SHALL DISCONNECT AND REMOVE LIGHTING FIXTURES AND ALL ASSOCIATED CONDUIT CONDUIT AND CABLE BACK TO SOURCE.
- OLD, EXISTING ELECTRONIC GAME CONTROLS TO BE DISCONNECTED AND REMOVED. RETURN CONTROLLER TO OWNER.
- SWITCH IS CONNECTED TO PANELBOARD "CR-AX3" LOCATED IN THE CXE BUILDING.

| DEMOLITION LEGEND |   |
|-------------------|---|
| 1                 | RECEPTACLE  |
| 2                 | LIGHT SWITCH  |
| 3                 | EXISTING PANEL  |
| 4                 | GAMES - CONTROL ELECTRONICS (SEE NOTE 11)                         |
| 5                 | FLOODLIGHT  |
| 6                 | SPRINKLER ROOM UNIT HEATER (REMOVED BY OTHERS) - DISCONNECT POWER |
| 7                 | EXHAUST FAN (REMOVED BY OTHERS) DISCONNECT POWER                  |
| 8                 | AIR CONDITIONING UNIT (REMOVED BY OTHERS) - DISCONNECT POWER      |
| 9                 | ROLL-UP DOOR MOTOR  |
| 10                | EXISTING EMPLOYEE PUNCH TIME CLOCK (SEE NOTE 9)                   |
| 11                | 18 CKT PANEL "OFFICE PANEL 1"                                     |
| 12                | MAIN DISCONNECT SWITCH (SEE NOTE 12)                              |
| 13                | GENERAL DUTY DISCONNECT SWITCH                                    |
| 14                | EXHAUST FAN DISCONNECT SWITCH                                     |
| 15                | GAMES SIGN W/ LIGHTS (SEE NOTE 10)                                |



Drawing Name: C:\Savin\Projects\2060\25-Playland-Mega-3\A\CXE-1003.dwg  
 Rev: 211001F02  
 Printed by: MCooby Date: 29 August 2022 7:52 AM Designed by: ---  
 xrefs: [B\_2426\_WestchesterCo\_3.dwg] [TSC-SILCO.dwg] [CXD-A-01.dwg] [CXD-E-1001.dwg]

CONSULTANT INFORMATION

**Savin Engineers, P.C.**

CONSULTANT SEAL

| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
|-----------------|------|---------|----------|----------|
|                 |      |         |          |          |
|                 |      |         |          |          |

RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED       AS BUILT - NO CHANGES

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

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

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

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-E-02</b> |
| DWG NO.: <b>22-523-004</b>              | SCALE: <b>AS SHOWN</b>          |
| DATE: <b>8/23/2022</b>                  | REV. NO. <b>0</b>               |
| DPW FILE NUMBER<br><b>1-118-E-981-0</b> |                                 |



A PARTIAL SITE PLAN  
CXD-E-03 SCALE: 1" = 20'

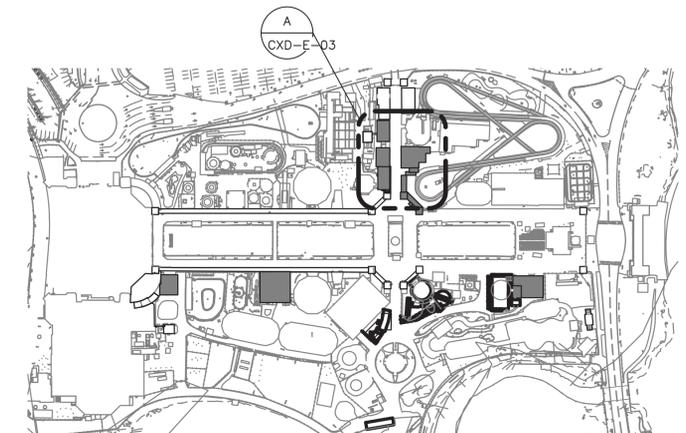
| DUCTBANK SCHEDULE |                                   |                |              |                  |         |
|-------------------|-----------------------------------|----------------|--------------|------------------|---------|
| NAME              | FROM                              | TO             | CONDUIT SIZE | CABLE            | REMARKS |
| E1                | QUAD #4 208Y/120 VOLT SWITCHBOARD | CXD-PP-1       | 2 1/2" C     | 4-#2/0 & 1#6 GND |         |
| E2                | QUAD #4 ELECTRICAL ROOM           | CXD ELEC. ROOM | 2" C         | W/ PULL ROPE     | SPARE   |

**NOTES:**

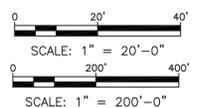
- FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
- CONTRACTOR TO SUPPLY NEW 150 AMP POWER NEW BUILDING CXD. MODIFY EXISTING 208Y/120V TO SWITCHBOARD TO ACCEPT 150 AMP CIRCUIT BREAKER. SEE DRAWING CXD-E-04 FOR ADDITIONAL INFORMATION.
- FOR PANEL SCHEDULES, SEE DRAWING CXD-E-07.

**KEY NOTES:**

- NEW UNDERGROUND DUCT BANK. BE ADVISED LARGE QUANTITY OF BURIED CONDUIT IN THIS AREA. EXTREME CARE SHALL BE TAKEN DURING EXCAVATION FOR NEW RUN.
- IN QUAD #4 ELECTRICAL ROOM ROUTE ONE NEW 2 1/2" CONDUIT TO 208Y/120 VOLT SWITCHBOARD. ASSUME 20 FEET. STUB AND CAP SPARE 2" CONDUIT.



1 KEY PLAN  
SCALE: 1" = 200'



Drawing Name: C:\Savin\Autocad\2060\25-Playland-Mega-3\A\CXD-E-1002.dwg  
 Project: Playland Mega-3  
 Printed by: MCooby Date: 29 August 2022 7:53 AM Designed by: ---  
 Xrefs: [B:24236.WestchesterCo\_3.dwg] [TSC-SILCOCO.dwg] [TWS-SF0001.dwg] [TWC-SF0001.dwg] [COL-A-01.dwg] [CXD-E-1002.dwg]



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RECORD DRAWING CERTIFICATION

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  AS BUILT - NO CHANGES

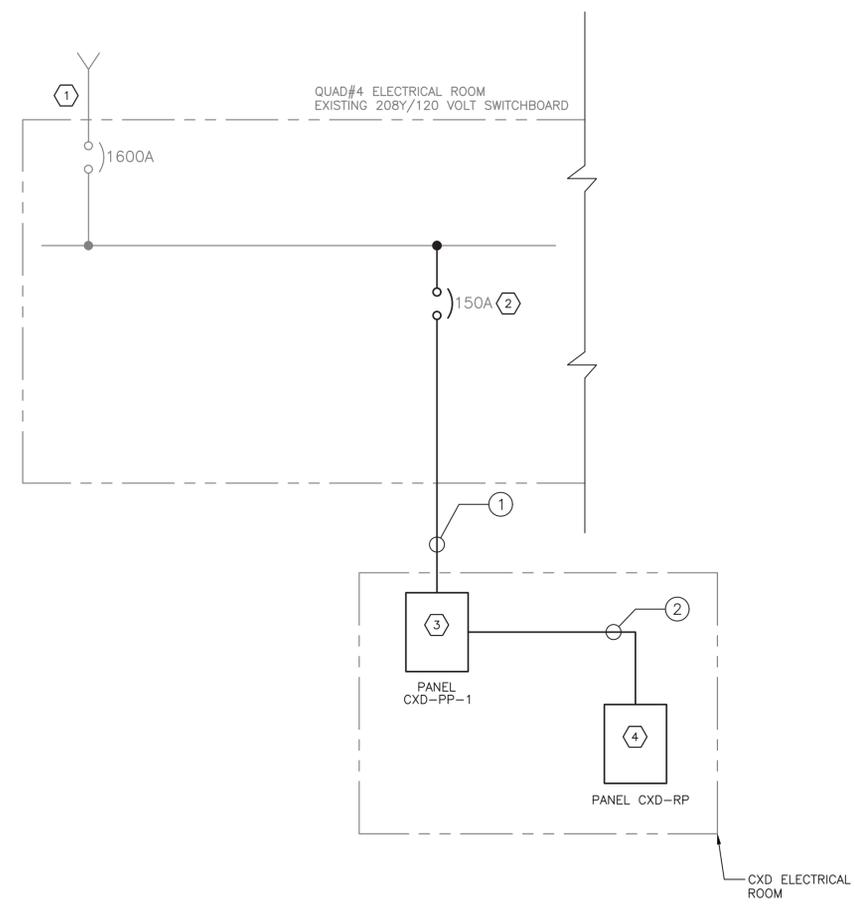
| CONTRACTOR  |             | PROJECT COORDINATOR |                 |
|-------------|-------------|---------------------|-----------------|
| NAME _____  | NAME _____  | SIGNATURE _____     | SIGNATURE _____ |
| TITLE _____ | TITLE _____ | DATE _____          | DATE _____      |

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

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-E-03</b> |
| DWG NO.: <b>223 of 664</b>              | SCALE: <b>AS SHOWN</b>          |
| DATE: <b>8/23/2022</b>                  | REV. NO. <b>0</b>               |
| DPW FILE NUMBER<br><b>1-118-E-982-0</b> |                                 |

- NOTES:**
- FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
  - FOR PANEL SCHEDULES, SEE DRAWING CXD-E-07.

- KEY NOTES:**
- INCOMING FEEDER.
  - CONTRACTOR SHALL PROVIDE NEW 150 AMP CIRCUIT BREAKER. MODIFY PANEL AS NECESSARY. EXISTING SWITCHBOARD BREAKER SHALL MATCH EXISTING TYPE.
  - PROVIDE NEW 208Y/120 VOLT PANELBOARD WITH 225 AMP MAINS AND 150 AMP MAIN CIRCUIT BREAKER.
  - NEW RELAY LIGHTING PANEL CXD-RP FOR EXTERIOR LIGHTING CONTROL.



ONE LINE DIAGRAM  
N.T.S.

| CONDUIT AND WIRE LEGEND |                           |
|-------------------------|---------------------------|
| NO.                     | DESCRIPTION               |
| ①                       | 2 1/2" C, 4#2/0 & 1#6 GND |
| ②                       | 1" C, 8#12 & 1#12 GND     |

Drawing Name: C:\Savin\Projects\2060\25-Playland-Mega-3\E\CXD-E-1003.dwg  
 Rev: 211001P02  
 Printed by: MCooby Date: 29 August 2022 7:53 AM Designed by: ---  
 xrefs: [TB\_24x36\_WestchesterCo\_3.dwg] [TSC-SVLC000.dwg] [BCR-A-04.dwg] [BCRE-101.dwg]



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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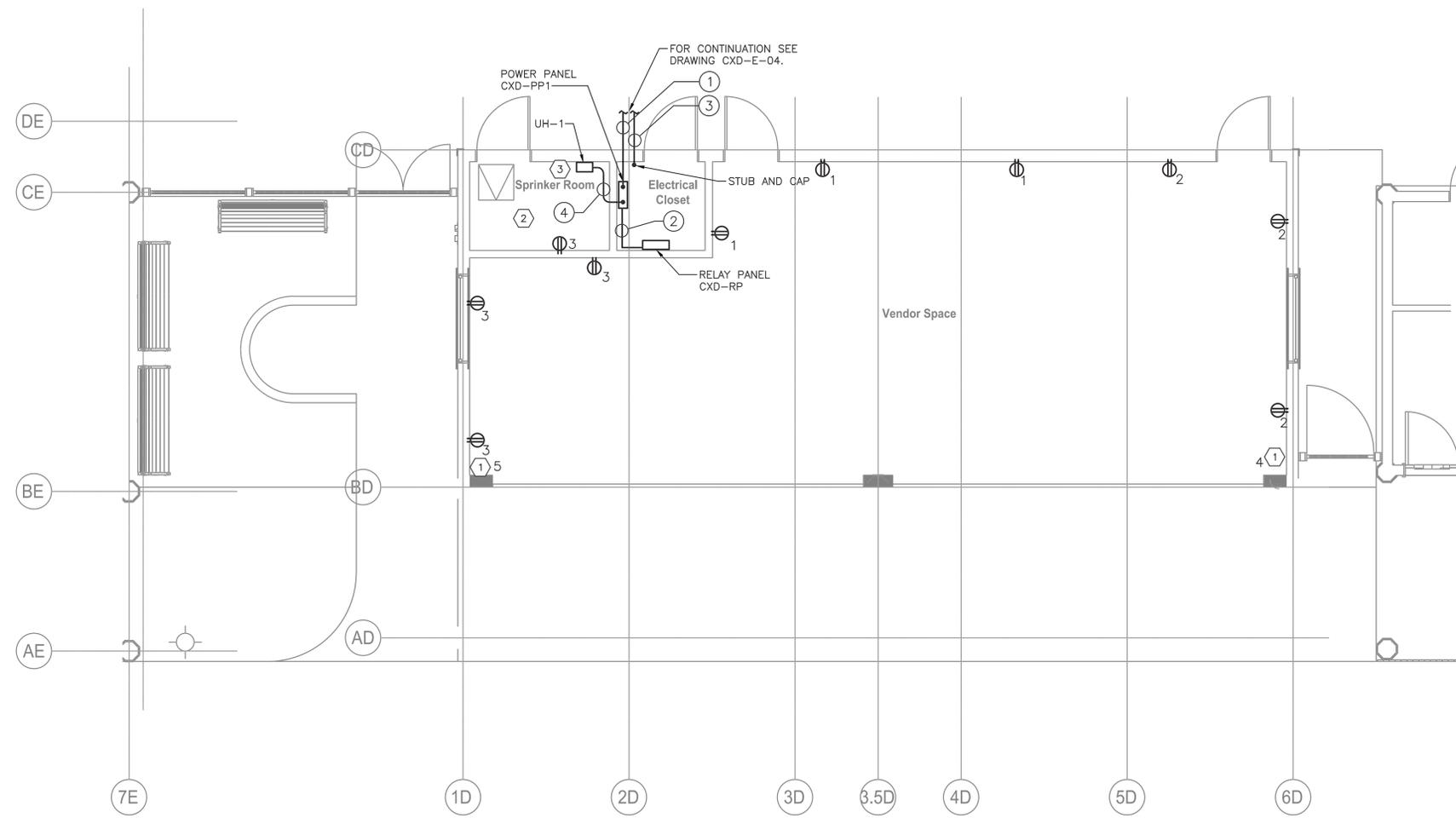
**RECORD DRAWING CERTIFICATION**

AS BUILT - CHANGES AS NOTED     
  AS BUILT - NO CHANGES

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

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

|                                       |                                 |
|---------------------------------------|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>      | SHEET NUMBER<br><b>CXD-E-04</b> |
| DWG NO.: <b>234 of 664</b>            | SCALE: <b>AS SHOWN</b>          |
| DATE: <b>8/23/2022</b>                | REV. NO.: <b>0</b>              |
| DPW FILE NUMBER: <b>1-118-E-983-0</b> |                                 |

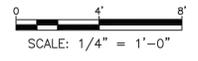


GROUND FLOOR POWER PLAN (CXD)  
1/4" = 1'-0"

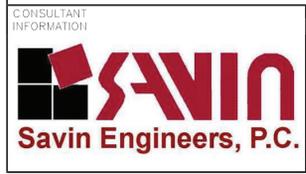
- NOTES:**
- FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
  - ALL RECEPTACLES DESIGNATORS ARE POWERED VIA PANEL CXD-PP-1, UNLESS OTHERWISE NOTED.
  - ALL CIRCUITS SHOWN ON THE DRAWING BUT NOT SPECIFICALLY CALLED OUT ON THE CABLE AND CONDUIT SCHEDULE SHALL BE 3/4" CONDUIT, 2#12 & 1#12 GND.
  - FOR PANEL SCHEDULES SEE DRAWING CXD-E-07.

- KEY NOTES:**
- APPROXIMATE LOCATION OF MOTOR FOR NEW GROUND ROLL-UP DOOR. CONTRACTOR SHALL CONFIRM MOTOR LOCATION IN THE FIELD PRIOR TO INSTALLATION. CONTRACTOR SHALL CALL OUT CIRCUIT MOTOR FROM PANEL CXD-PP-1. NUMBER DESIGNATORS INDICATE CIRCUIT NUMBERS. CONTRACTOR SHALL PROVIDE 30 AMP, 2-POLE DISCONNECT SWITCH AT ROLL-UP DOOR MOTOR LOCATION.
  - CONTRACTOR SHALL PROVIDE 2 CIRCUITS FOR EQUIPMENT POWER IN SPRINKLER ROOM. CIRCUITS 6 AND 8 ARE RESERVED FOR THIS. COORDINATE WITH PLUMBING INSTALLER FOR ELECTRICAL POWER NEEDS.
  - PROVIDE AND INSTALL A 2-POLE, 30A DISCONNECT SWITCH FOR UH-1.

| CONDUIT AND WIRE LEGEND |                           |
|-------------------------|---------------------------|
| NO.                     | DESCRIPTION               |
| ①                       | 2 1/2"C, 4#2/0 & 1#6 GND  |
| ②                       | 1"C, 8#12 & 1#12 GND      |
| ③                       | 2"C, SPARE WITH PULL ROPE |
| ④                       | 3/4"C, 2#12 & 1#12 GND    |



Drawing Name: C:\Savin\Projects\2060\25\_Playland-Mega-3\E\CXD-E-1006.dwg  
 Date: 8/23/2022 11:28 AM  
 Project: 211001F02  
 Printed by: MCooby  
 Xrefs: [B:24436\_WestchesterCo\_3.dwg] [TSC-SML000.dwg] [CXD-E-1003.dwg] [CXD-A-11.dwg]



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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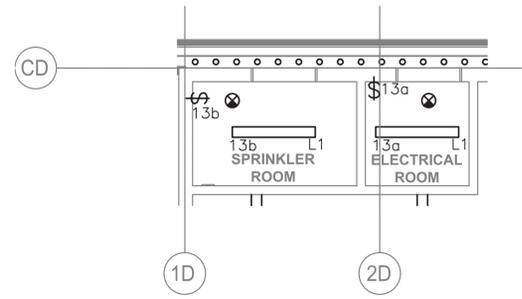
**RECORD DRAWING CERTIFICATION**

AS BUILT - CHANGES AS NOTED     
  AS BUILT - NO CHANGES

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

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

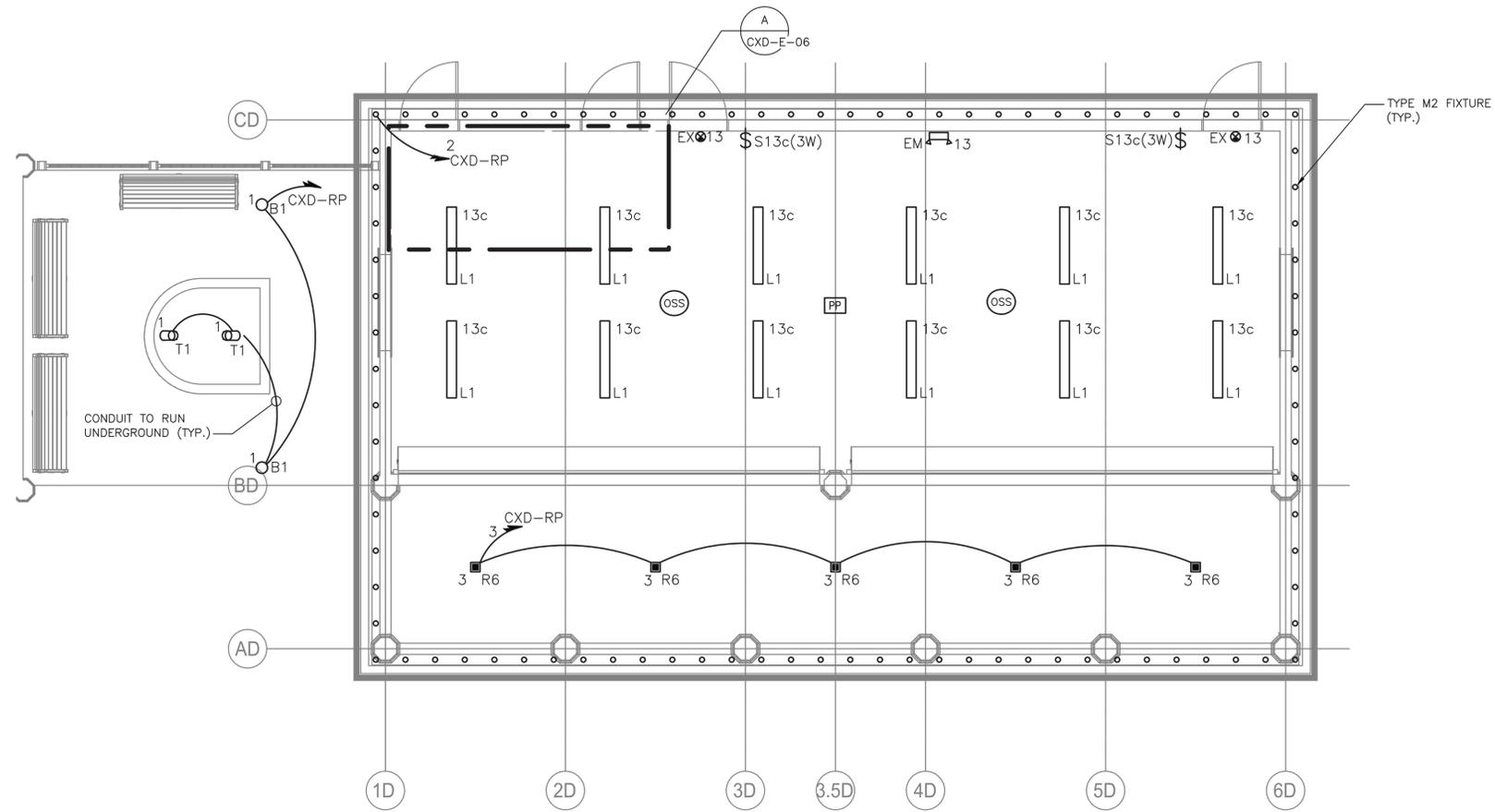
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| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-E-05</b> |
| DWG NO.: _____                          | SCALE: <b>AS SHOWN</b>          |
| DATE: <b>8/23/2022</b>                  | REV. NO. <b>0</b>               |
| DPW FILE NUMBER<br><b>1-118-E-984-0</b> |                                 |



A GROUND FLOOR UTILITIES LIGHTING PLAN (CXD)  
 CXD-E-06 SCALE: 1/4" = 1'-0"

NOTES:

- FOR ADDITIONAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING GE-E-01.
- ALL INTERIOR LIGHTING IS POWERED VIA PANEL CXD-PP-1. CONTRACTOR SHALL CIRCUIT LIGHTING FIXTURES WITH 3/4" CONDUIT WITH 2#12 & 1#12 GND, UNLESS NOTED OTHERWISE.
- EXIT SIGNS AND EMERGENCY LIGHTING UNITS SHALL BE WIRED TO AN UN-SWITCHED LEG OF THE DESIGNATED CIRCUIT.
- ALL EXTERIOR LIGHTING SHALL BE CIRCUITED VIA RELAY PANEL CXD-RP. CONTRACTOR SHALL CIRCUIT LIGHTING WITH 3/4"C, 2#12 & 1#12 GND, UNLESS OTHERWISE NOTED.
- RELAY PANEL CXD-RP SHALL BE EQUIPPED WITH BOTH A BUILT-IN TIME CLOCK AND A PHOTOSENSOR CONTROL. MOUNT PHOTO SENSOR IN NORTHEAST CORNER OF BUILDING.
- FOR LIGHTING AND RELAY PANEL SCHEDULE, REFER TO DRAWING CXD-E-07.
- ALL LIGHTING CONTROL COMPONENTS SHALL BE FROM A SINGLE MANUFACTURER, AND MUST BE FROM THE SAME MANUFACTURER FOR ALL BUILDINGS WITHIN THE CONTRACT AND AS PROVIDED ELSEWHERE AT THE PLAYLAND FACILITY.
- LIGHTING CONTROLS SELECTED SHALL HAVE THE CAPABILITY TO BE CONNECTED TO A MASTER HEAD-END SYSTEM (FUTURE CONTRACT).
- FOR EXTERIOR LIGHTING CONTROL WIRING INFORMATION, SEE EXTERIOR WIRING DETAIL SHOWN ON DRAWING CXD-E-07.
- FOR LIGHTING FIXTURE SCHEDULE, SEE DRAWING GE-E-03.



GROUND FLOOR LIGHTING PLAN (CXD)  
 SCALE: 1/4" = 1'-0"



Drawing Name: C:\Savin\Projects\2060\25-Playland-Mega-3\A\CXD-E-1004.dwg  
 Project: 211001F02  
 Printed by: MCooby Date: 29 August 2022 7:53 AM Designed by: ---  
 xrefs: [B:24436\_WestchesterCo\_3.dwg] [TSC-SVLC000.dwg] [CXD-A-41.dwg] [CXD-E-1007.dwg]



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED     
  AS BUILT - NO CHANGES

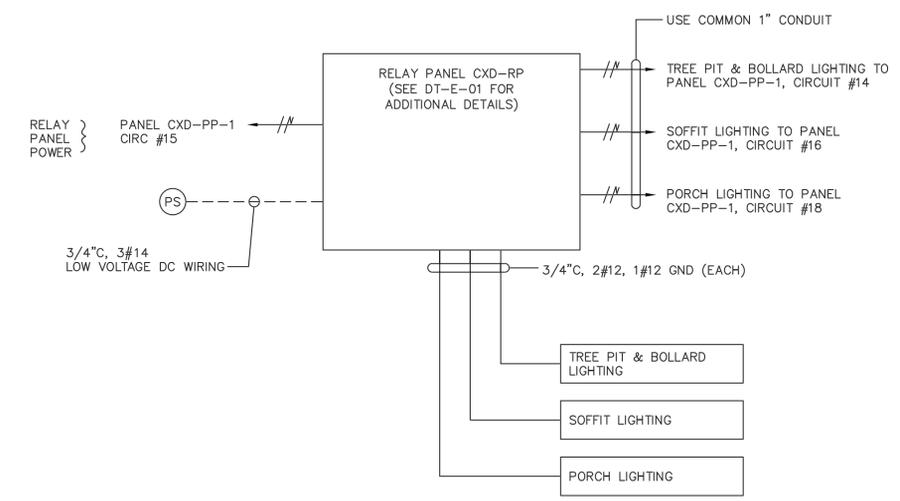
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|-----------------|-----------------|---------------------|-----------------|
| NAME _____      | NAME _____      | NAME _____          | NAME _____      |
| SIGNATURE _____ | SIGNATURE _____ | SIGNATURE _____     | SIGNATURE _____ |
| TITLE _____     | TITLE _____     | TITLE _____         | TITLE _____     |
| DATE _____      | DATE _____      | DATE _____          | DATE _____      |

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

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-E-06</b> |
| DWG NO.:<br><b>226 of 664</b>           | SCALE:<br><b>AS SHOWN</b>       |
| DATE:<br><b>8/23/2022</b>               | REV. NO.<br><b>0</b>            |
| DPW FILE NUMBER<br><b>1-118-E-985-0</b> | REV. NO.<br><b>0</b>            |

| <b>PANELBOARD: CXD-PP1</b>       |                       |                              |         | <b>LOCATION: CXD ELECTRICAL CLOSET</b> |                                |       |             |                                  |          |         |         |                      |       |
|----------------------------------|-----------------------|------------------------------|---------|--|--------------------------------|-------|-------------|----------------------------------|----------|---------|---------|----------------------|-------|
| 1                                | <b>NEMA RATING</b>    |                              |         | 3                                      | <b>POLES</b>                   |       |             |                                  |          |         |         |                      |       |
| 200                              | <b>AMP BUS RATING</b> | 150 AMP MAIN BREAKER         |         | 42                                     | <b>KA SHORT CIRCUIT RATING</b> |       |             |                                  |          |         |         |                      |       |
| 208Y/120 <b>VOLTS</b>            |                       | 3 <b>PHASE</b> 4 <b>WIRE</b> |         | <b>ELECTRONIC GRADE: NO</b>            |                                |       |             |                                  |          |         |         |                      |       |
| CIRCUIT NO.                      | DESCRIPTION           | LOAD KVA                     |         |  | BREAKER AMPS / POLES           | NOTES | CIRCUIT NO. | DESCRIPTION                      | LOAD KVA |         |         | BREAKER AMPS / POLES | NOTES |
|                                  |                       | PHASE A                      | PHASE B | PHASE C                                |                                |       |             |                                  | PHASE A  | PHASE B | PHASE C |                      |       |
| 1                                | RECEPTACLES           | 0.2                          |         |  | 20/1                           |       | 2           | RECEPTACLES                      | 0.2      |         |         | 20/1                 |       |
| 3                                | RECEPTACLES           |                              | 0.2     |  | 20/1                           |       | 4           | ROLL-UP DOOR                     |          | 1.2     |         | 20/1                 |       |
| 5                                | ROLL-UP DOOR          |                              |         | 1.2                                    | 20/1                           |       | 6           | SPRINKLER ROOM POWER             |          |         | 0.2     | 20/1                 | 1     |
| 7                                | SPARE                 | -                            |         |  | 20/1                           |       | 8           | SPRINKLER ROOM POWER             | 0.2      |         |         | 20/1                 | 1     |
| 9                                | SPARE                 |                              |         |  | 20/1                           |       | 10          | UNIT HEATER UH-1                 |          | 1.65    |         | 15/2                 |       |
| 11                               | SPARE                 |                              |         |  | 20/1                           |       | 12          |                                  |          |         | 1.65    |                      |       |
| 13                               | LIGHTING              | 0.6                          |         |  | 20/1                           |       | 14          | TREE AND BOLLARD LTG.            | 0.2      |         |         | 20/1                 | 2     |
| 15                               | RELAY PANEL 120V PWR. |                              | 0.2     |  | 20/1                           |       | 16          | SOFFIT LTG.                      |          | 0.2     |         | 20/1                 | 2     |
| 17                               | SPARE                 |                              |         |  | 20/1                           |       | 18          | PORCH LTG.                       |          |         | 0.2     | 20/1                 | 2     |
| 19                               | SPACE                 |                              |         |  |                                |       | 20          | SPACE                            |          |         |         |                      |       |
| 21                               | SPACE                 |                              |         |  |                                |       | 22          | SPACE                            |          |         |         |                      |       |
| 23                               | SPACE                 |                              |         |  |                                |       | 24          | SPACE                            |          |         |         |                      |       |
| 25                               | SPACE                 |                              |         |  |                                |       | 26          | SPACE                            |          |         |         |                      |       |
| 27                               | SPACE                 |                              |         |  |                                |       | 28          | SPACE                            |          |         |         |                      |       |
| 29                               | SPACE                 |                              |         |  |                                |       | 30          | SPACE                            |          |         |         |                      |       |
| <b>TOTAL PHASE KVA THIS SIDE</b> |                       | 0.8                          | 0.4     | 1.2                                    |                                |       |             | <b>TOTAL PHASE KVA THIS SIDE</b> | 0.6      | 3.05    | 2.05    |                      |       |
|                                  |                       |                              |         |  |                                |       |             | <b>TOTAL KVA PER PHASE</b>       | 1.4      | 3.45    | 3.25    |                      |       |
|                                  |                       |                              |         |  |                                |       |             | <b>TOTAL THREE PHASE KVA</b>     | 8.1      |         |         |                      |       |

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



2 EXTERIOR CXD BUILDING WIRING DETAIL  
CXD-E-07

| 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   |
| PP <sup>12</sup>        | 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 INTENC08NLT-16SR-MVOLT-1VB-HLK-S-DTC OR APPROVED EQUAL |
| (PS)                    | ANALOG PHOTOCELL - PHOTODIODE SUITABLE FOR OUTDOOR APPLICATIONS. CATALOG NUMBER: LSA-APS-OL OR APPROVED EQUAL   |
| nPOD                    | 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                               |

| CXD-RP LOCATION: CXD ELECTRICAL ROOM |                               |       |
|--------------------------------------|-------------------------------|-------|
| CKT NO                               | DESCRIPTION                   | NOTES |
| 1                                    | TREE PIT AND BOLLARD LIGHTING |       |
| 2                                    | SOFFIT LIGHTING               |       |
| 3                                    | PORCH LIGHTING                |       |
| 4                                    | SPARE                         |       |
| 5                                    | SPARE                         |       |
| 6                                    | SPARE                         |       |
| 7                                    | SPARE                         |       |
| 8                                    | SPARE                         |       |

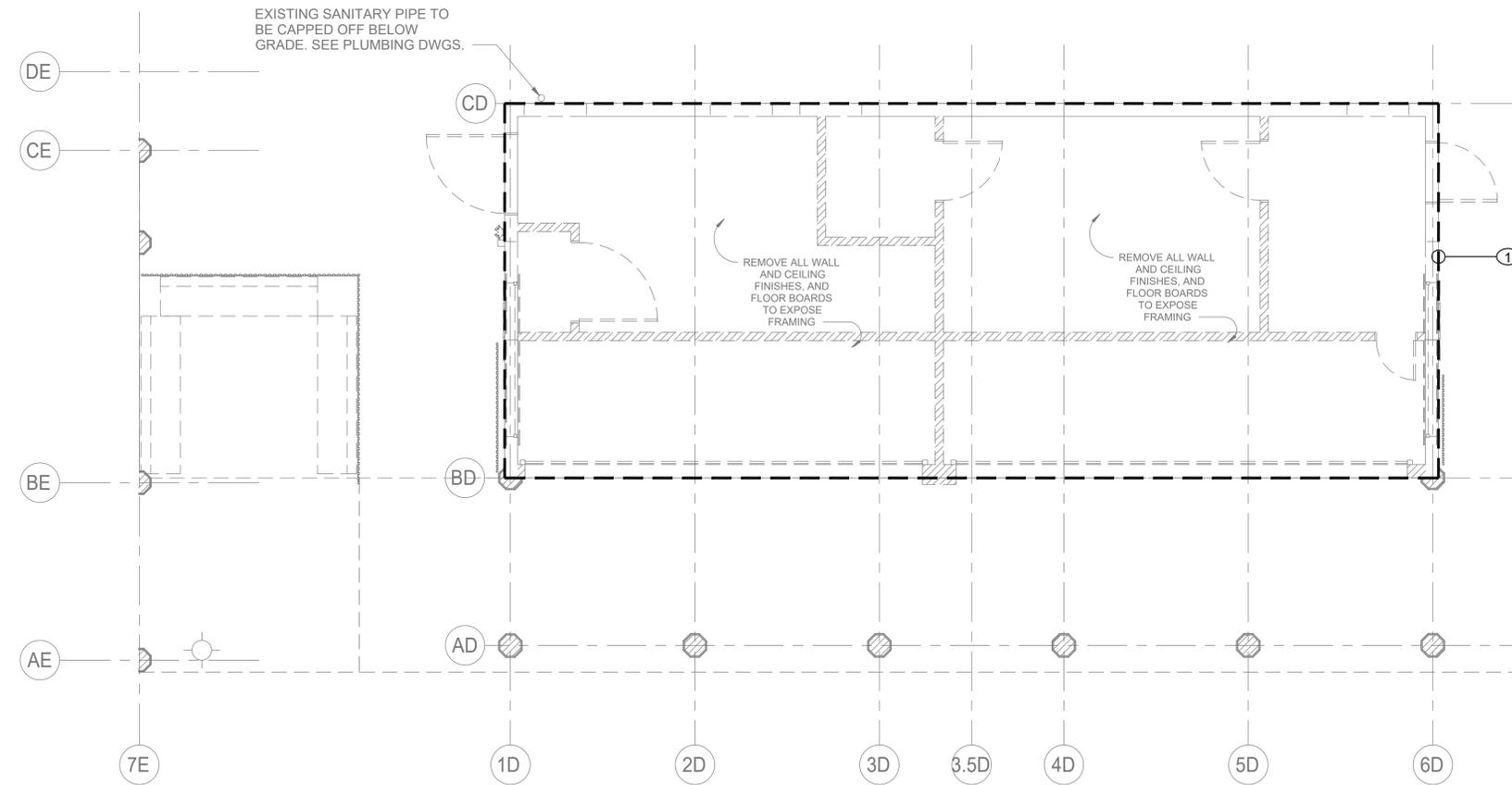
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 PLOT: 211001P02  
 Printed by: MCooby Date: 31 August 2022 11:33 AM Designed by: ---  
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|---|--|-----------------|------|---------|----------|---|-----------|---|------|----------------------------------|---|
|   |  | REVISION        |      |         |          | RECORD DRAWING CERTIFICATION<br><input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES |           | WESTCHESTER COUNTY, NEW YORK<br>DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION<br>DIVISION OF ENGINEERING  |      | CONTRACT NUMBER<br><b>22-523</b> | SHEET NUMBER<br><b>CXD-E-07</b>         |
|   |  | REVISION NUMBER | DATE | MADE BY | APP'D BY | NAME  | SIGNATURE | TITLE   | DATE | DWG NO.:<br><b>227 of 664</b>    | SCALE:<br><b>AS SHOWN</b>               |
| CONTRACTOR: _____ PROJECT COORDINATOR: _____<br>NAME: _____ NAME: _____<br>SIGNATURE: _____ SIGNATURE: _____<br>TITLE: _____ TITLE: _____ |  |                 |      |         |          |   |           | <b>INFRASTRUCTURE REHABILITATION - PHASE 3</b><br><b>PLAYLAND PARK, RYE, NEW YORK</b><br><b>CROSS AXIS BUILDING D</b><br><b>PANEL SCHEDULES</b> |      | DATE:<br><b>8/23/2022</b>        | DPW FILE NUMBER<br><b>1-118-E-986-0</b> |



**FIRE ALARM DEMOLITION NOTES:**

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



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

CONSULTANT INFORMATION



CONSULTANT SEAL



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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RECORD DRAWING CERTIFICATION

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CONTRACTOR  
NAME \_\_\_\_\_  
SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_  
TITLE \_\_\_\_\_

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

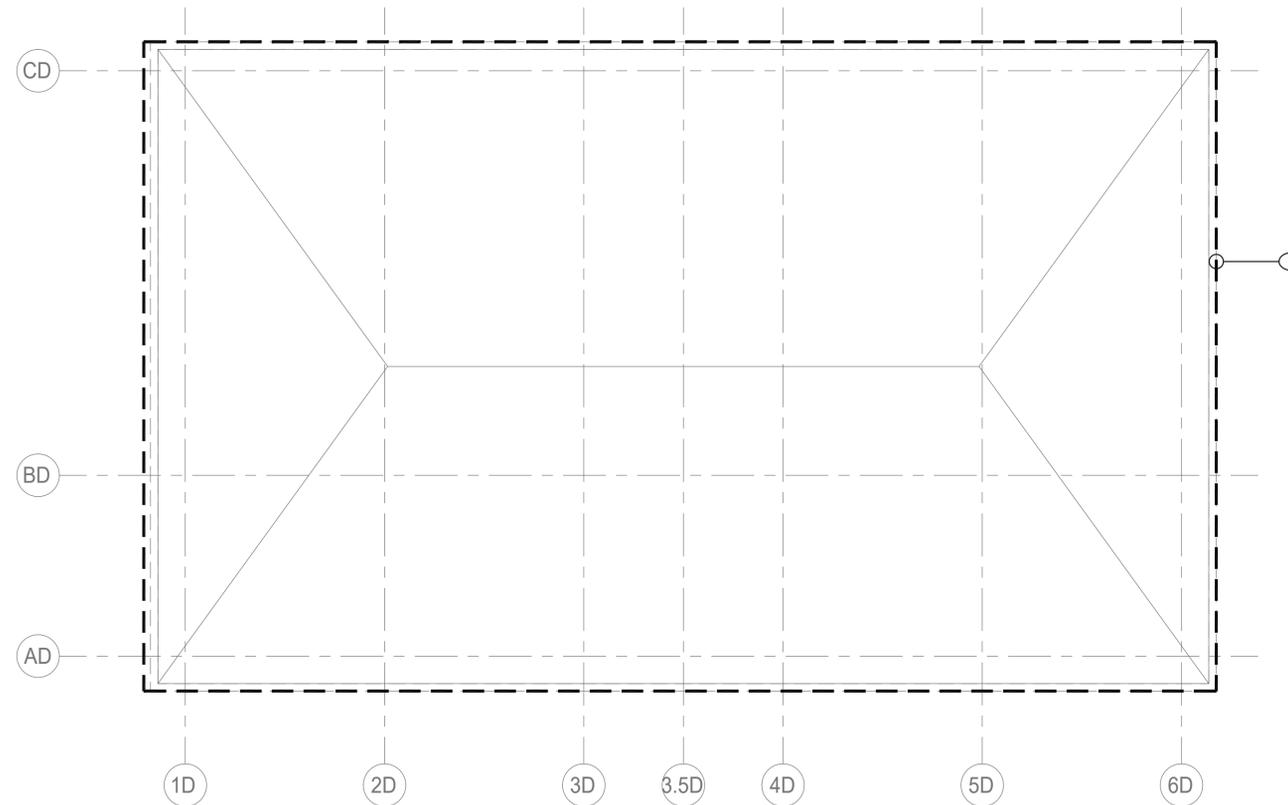
WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
DIVISION OF ENGINEERING

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

|  |                                  |
|--|----------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>         | SHEET NUMBER<br><b>CXD-FA-11</b> |
| DWG NO.: 239 of 664                      |                                  |
| SCALE: <b>As indicated</b>               |                                  |
| DATE: 08/23/2022                         |                                  |
| DPW FILE NUMBER<br><b>1-118-FA-988-0</b> | REV. NO.<br><b>0</b>             |

**FIRE ALARM DEMOLITION NOTES:**

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



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

CONSULTANT INFORMATION



CONSULTANT SEAL



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED       AS BUILT - NO CHANGES

CONTRACTOR  
NAME \_\_\_\_\_  
SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_  
TITLE \_\_\_\_\_

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

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

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

CONTRACT NUMBER

22-523

DWG NO.: 240 of 664

SCALE: As indicated

DATE: 08/23/2022

DPW FILE NUMBER 1-118-FA-989-0

SHEET NUMBER

CXD-FA-12

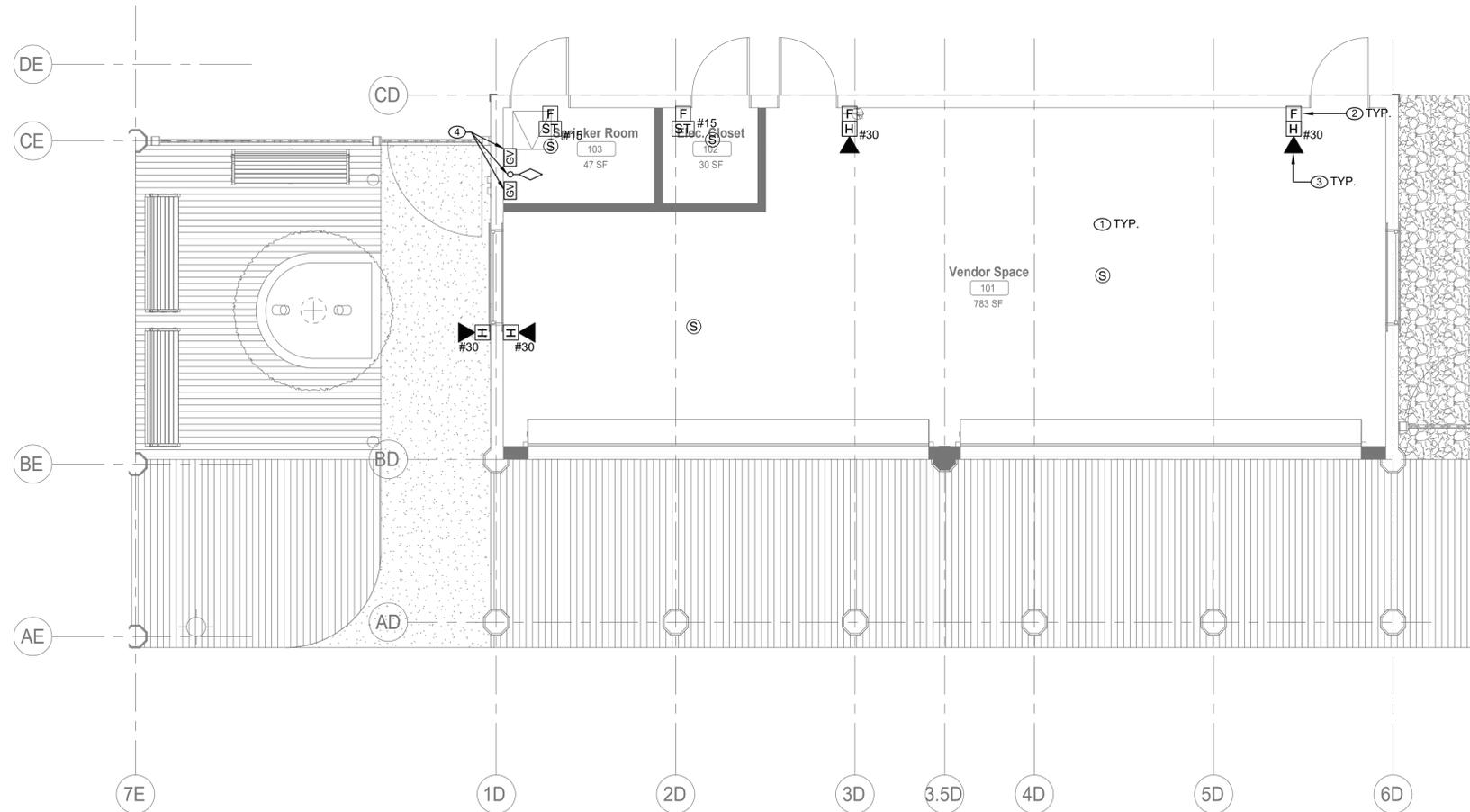
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**FIRE ALARM CONSTRUCTION NOTES:**

- ① CONNECT NEW FIRE ALARM DEVICES TO EXISTING FIRE ALARM CONTROL PANEL IN SUBSTATION 4 ELECTRICAL ROOM.
- ② 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.

**FIRE ALARM GENERAL NOTES:**

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



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

CONSULTANT INFORMATION

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

CONSULTANT SEAL

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RECORD DRAWING CERTIFICATION

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

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 D**  
**FIRE ALARM FIRST FLOOR PLAN**

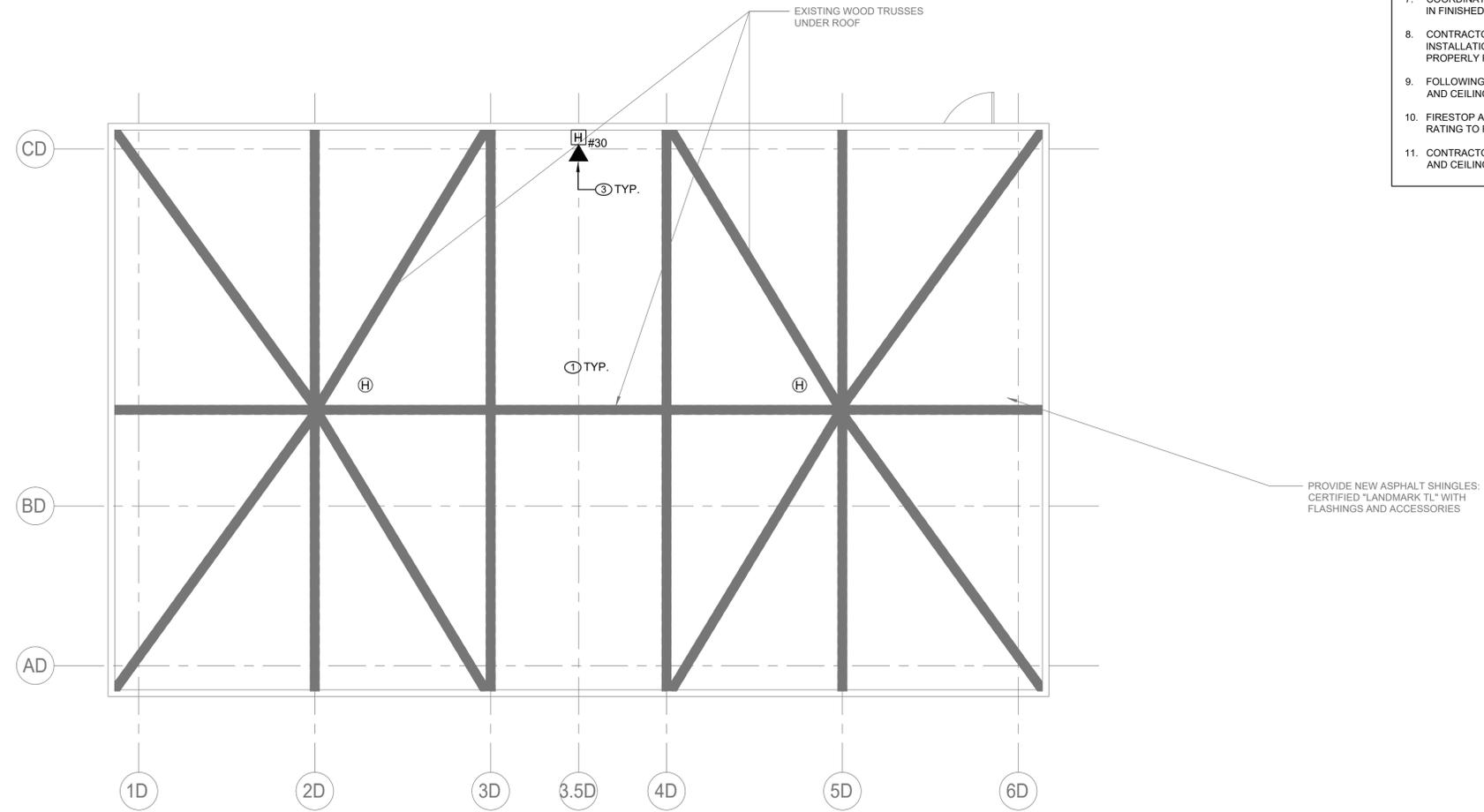
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| CONTRACT NUMBER<br><b>22-523</b>         | SHEET NUMBER<br><b>CXD-FA-21</b> |
| DWG NO.: 241 of 664                      |                                  |
| SCALE: <b>As indicated</b>               |                                  |
| DATE: 08/23/2022                         |                                  |
| DPW FILE NUMBER<br><b>1-118-FA-990-0</b> | REV. NO.<br><b>0</b>             |

**FIRE ALARM CONSTRUCTION NOTES:**

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

**FIRE ALARM GENERAL NOTES:**

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



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

CONSULTANT INFORMATION

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



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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RECORD DRAWING CERTIFICATION

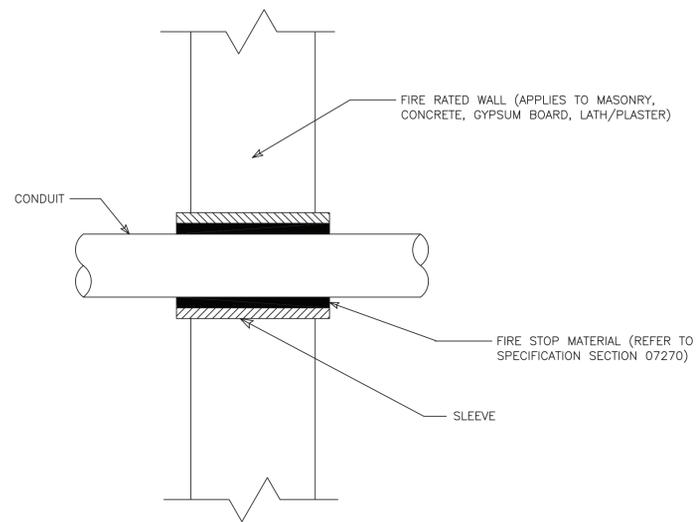
AS BUILT - CHANGES AS NOTED     AS BUILT - NO CHANGES

| CONTRACTOR |  | PROJECT COORDINATOR |  |
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| SIGNATURE  |  | SIGNATURE           |  |
| TITLE      |  | TITLE               |  |
| DATE       |  | DATE                |  |

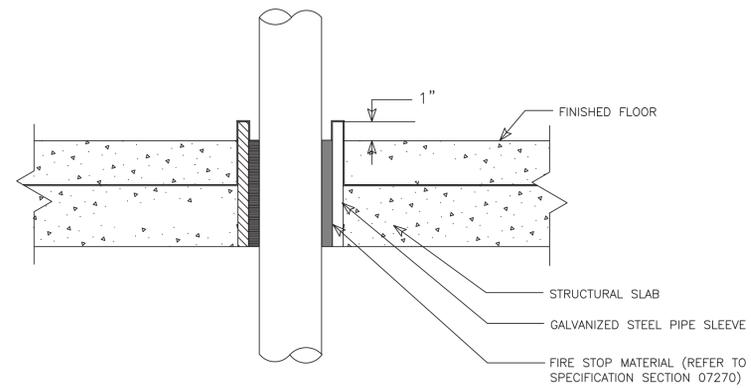
WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
DIVISION OF ENGINEERING

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

|  |                                  |
|--|----------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>         | SHEET NUMBER<br><b>CXD-FA-22</b> |
| DWG NO.: 242 of 664                      |                                  |
| SCALE: <b>As indicated</b>               |                                  |
| DATE: 08/23/2022                         |                                  |
| DPW FILE NUMBER<br><b>1-118-FA-991-0</b> | REV. NO.<br><b>0</b>             |



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



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

CONSULTANT INFORMATION

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



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED       AS BUILT - NO CHANGES

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

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

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

|  |                                  |
|--|----------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>         | SHEET NUMBER<br><b>CXD-FA-81</b> |
| DWG NO.: 243 of 664                      |                                  |
| SCALE: <b>As indicated</b>               |                                  |
| DATE: 08/23/2022                         |                                  |
| DPW FILE NUMBER<br><b>1-118-FA-992-0</b> | REV. NO.<br><b>0</b>             |

**GENERAL NOTES:**

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

**SURVEY NOTES:**

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

**DEMOLITION NOTES:**

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

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

- 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:**

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

**UTILITY NOTES:**

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

**GRADING NOTES:**

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

**SOIL EROSION AND SEDIMENT CONTROL NOTES:**

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

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CONSULTANT INFORMATION



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CONSULTANT SEAL



KENNETH J. WOOD  
09134  
PROFESSIONAL ENGINEER

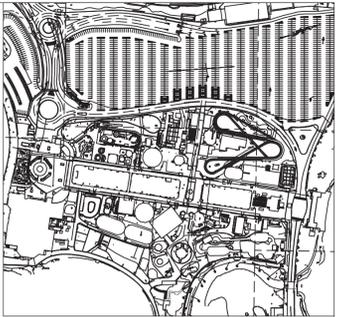
| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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| RECORD DRAWING CERTIFICATION                         |                 |  |                 |
|--|-----------------|--|-----------------|
| <input type="checkbox"/> AS BUILT - CHANGES AS NOTED |                 | <input type="checkbox"/> AS BUILT - NO CHANGES |                 |
| CONTRACTOR   |                 | PROJECT COORDINATOR                            |                 |
| NAME _____   | NAME _____      | NAME _____                                     | NAME _____      |
| SIGNATURE _____                                      | SIGNATURE _____ | SIGNATURE _____                                | SIGNATURE _____ |
| TITLE _____  | TITLE _____     | TITLE _____                                    | TITLE _____     |
| DATE _____   | DATE _____      | DATE _____                                     | DATE _____      |

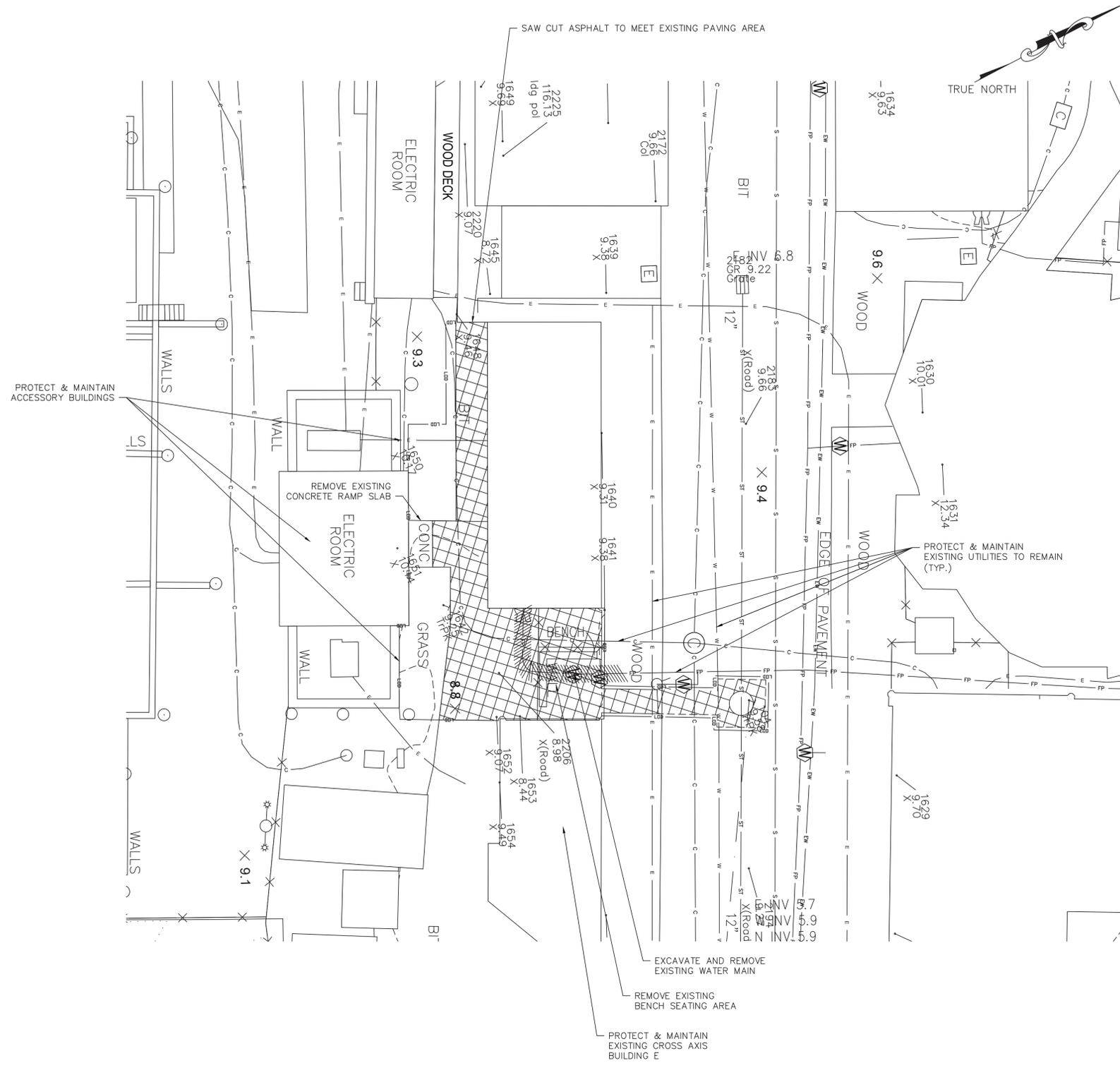
WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
DIVISION OF ENGINEERING

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

| CONTRACT NUMBER      | SHEET NUMBER    |
|----------------------|-----------------|
| <b>22-523</b>        | <b>CXD-C-01</b> |
| DWG. NO.: 244 of 664 |                 |
| SCALE: -             |                 |
| DATE: 08/23/2022     |                 |
| DPW FILE NUMBER      | REV. NO.        |
| <b>1-118-C-993-0</b> | <b>0</b>        |



KEY MAP  
NOT TO SCALE



**EXISTING LEGEND**

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

**PROPOSED LEGEND:**

|     |  |
|-----|--|
| --- | SAW CUTTING ASPHALT CONCRETE                               |
| --- | LIMITS OF DISTURBANCE                                      |
| --- | LIMITS OF PAVEMENT REMOVAL                                 |
| --- | AREA OF ASPHALT PAVEMENT REMOVAL (FULL DEPTH & EXCAVATION) |
| ○   | DRAINAGE STRUCTURE INLET PROTECTION                        |
| --- | PIPE REMOVAL   |

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



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CONSULTANT INFORMATION

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



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RECORD DRAWING CERTIFICATION

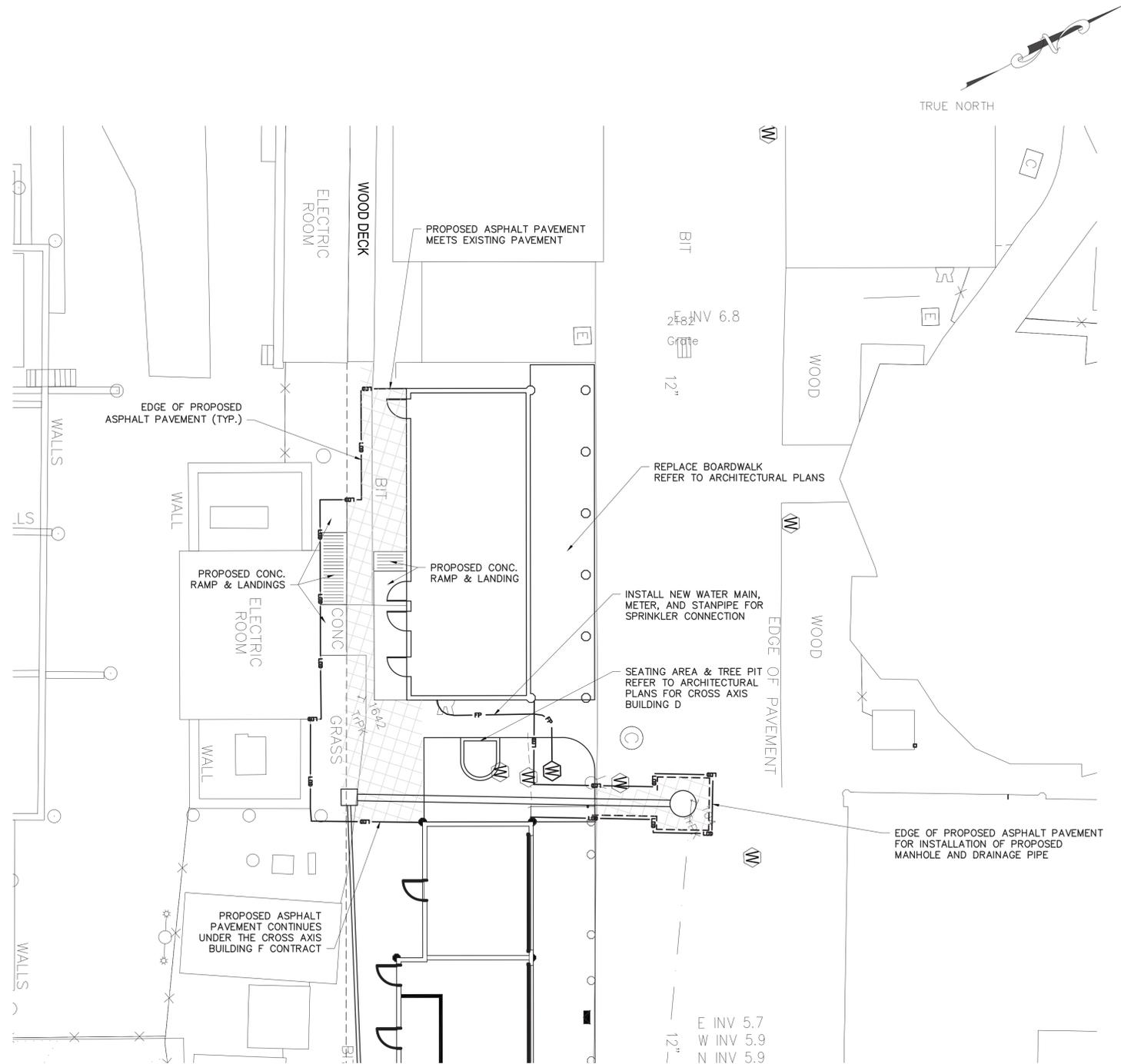
AS BUILT - CHANGES AS NOTED       AS BUILT - NO CHANGES

|            |           |                     |           |
|------------|-----------|---------------------|-----------|
| CONTRACTOR |           | PROJECT COORDINATOR |           |
| NAME       | SIGNATURE | NAME                | SIGNATURE |
| TITLE      | DATE      | TITLE               | DATE      |

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

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

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-C-02</b> |
| DWG NO.: 245 of 664                     |                                 |
| SCALE: <b>1"=10'</b>                    |                                 |
| DATE: <b>08/23/2022</b>                 |                                 |
| DPW FILE NUMBER<br><b>1-118-C-994-0</b> | REV. NO.<br><b>0</b>            |



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

| PROPOSED LEGEND: |                                     |
|------------------|-------------------------------------|
|                  | MOVABLE CONSTRUCTION FENCE          |
|                  | SAW CUTTING ASPHALT CONCRETE        |
|                  | LIMITS OF DISTURBANCE               |
|                  | LIMITS OF PAVEMENT REMOVAL          |
|                  | AREA OF FULL DEPTH ASPHALT PAVEMENT |
|                  | DRAINAGE STRUCTURE INLET PROTECTION |



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CONSULTANT INFORMATION

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A LiRo Group Company  
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CONSULTANT SEAL

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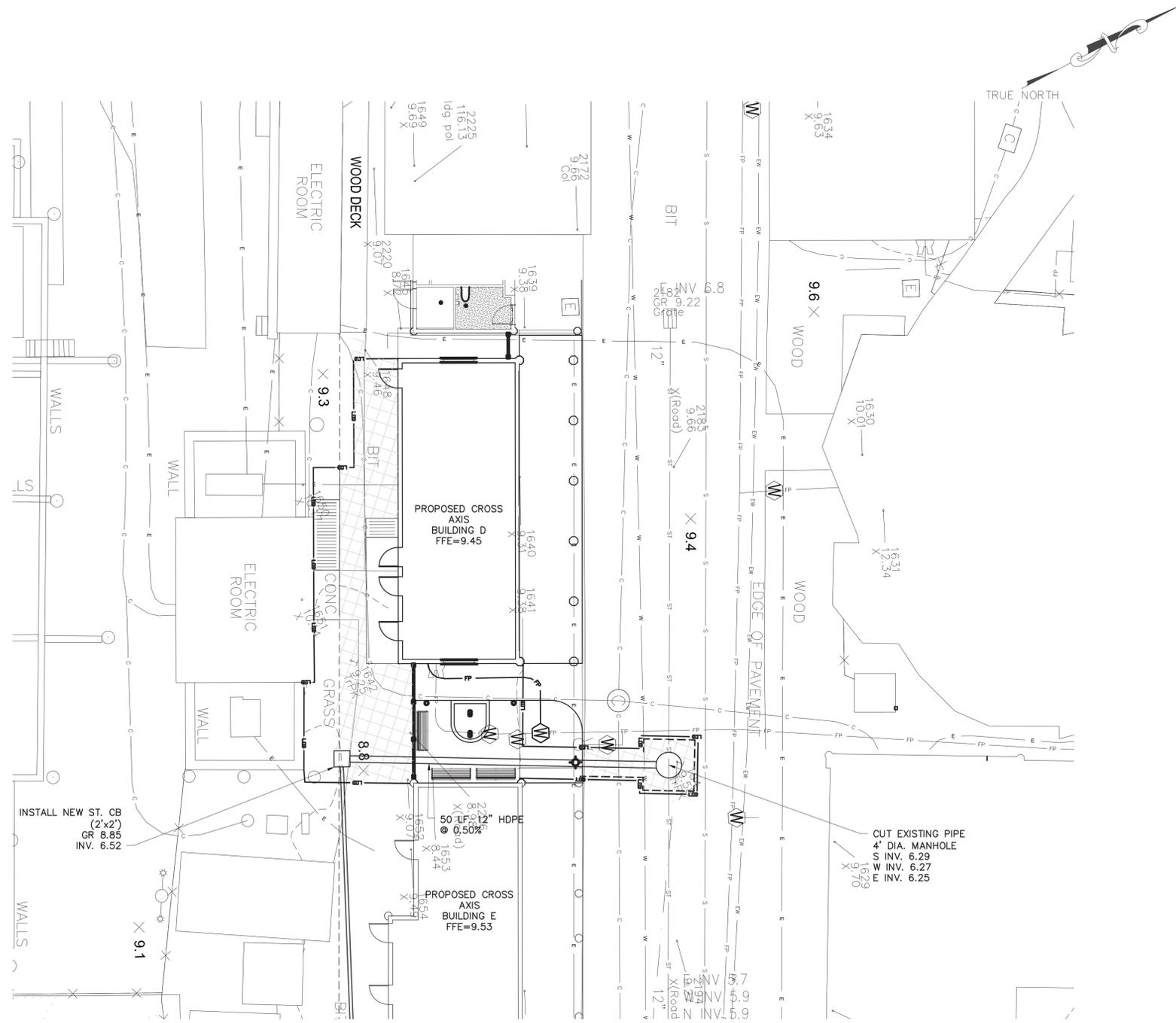
AS BUILT - CHANGES AS NOTED       AS BUILT - NO CHANGES

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

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

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

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-C-03</b> |
| DWG. NO.: 246 of 664                    |                                 |
| SCALE: <b>1"=10'</b>                    |                                 |
| DATE: <b>08/23/2022</b>                 |                                 |
| DPW FILE NUMBER<br><b>1-118-C-995-0</b> | REV. NO.<br><b>0</b>            |



**EXISTING LEGEND**

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

**PROPOSED LEGEND:**

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

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



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RECORD DRAWING CERTIFICATION

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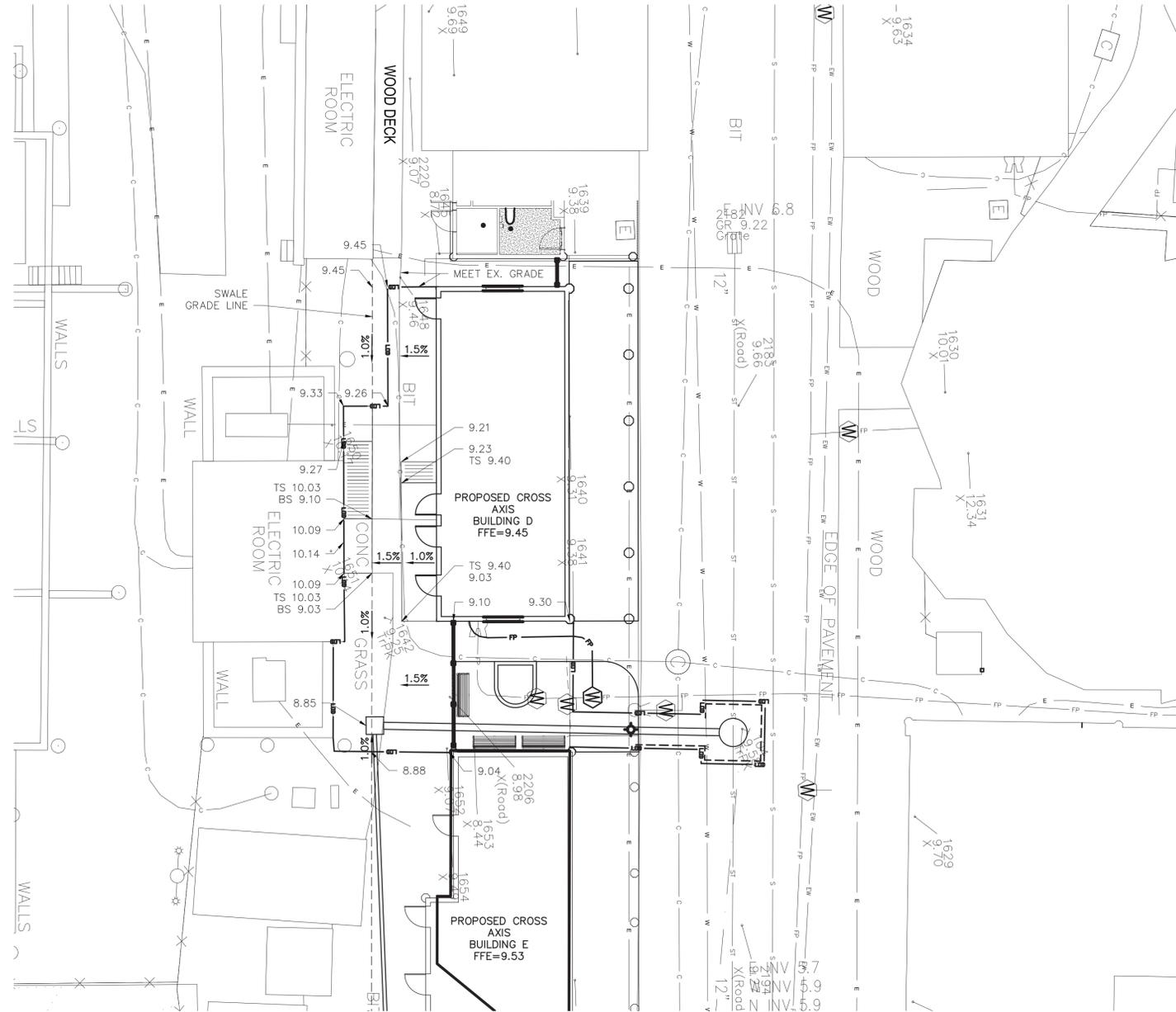
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|-----------|------------|-----------|---------------------|
| NAME      | CONTRACTOR | NAME      | PROJECT COORDINATOR |
| SIGNATURE | _____      | SIGNATURE | _____               |
| TITLE     | _____      | TITLE     | _____               |
| DATE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

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

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

|   |                                 |
|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-C-04</b> |
| DWG. NO.: 247 of 664                    |                                 |
| SCALE: <b>1"=10'</b>                    |                                 |
| DATE: <b>08/23/2022</b>                 |                                 |
| DPW FILE NUMBER<br><b>1-118-C-996-0</b> | REV. NO.<br><b>0</b>            |

TRUE NORTH



**EXISTING LEGEND**

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

**PROPOSED LEGEND:**

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



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RECORD DRAWING CERTIFICATION

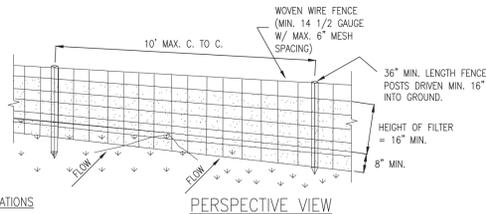
AS BUILT - CHANGES AS NOTED       AS BUILT - NO CHANGES

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

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

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

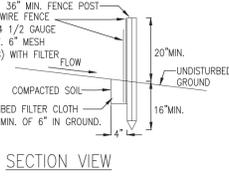
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|---|---------------------------------|
| CONTRACT NUMBER<br><b>22-523</b>        | SHEET NUMBER<br><b>CXD-C-05</b> |
| DWG. NO.: 248 of 664                    |                                 |
| SCALE: 1"=10'                           |                                 |
| DATE: 08/23/2022                        |                                 |
| DPW FILE NUMBER<br><b>1-118-C-997-0</b> | REV. NO.<br><b>0</b>            |



**CONSTRUCTION SPECIFICATIONS**

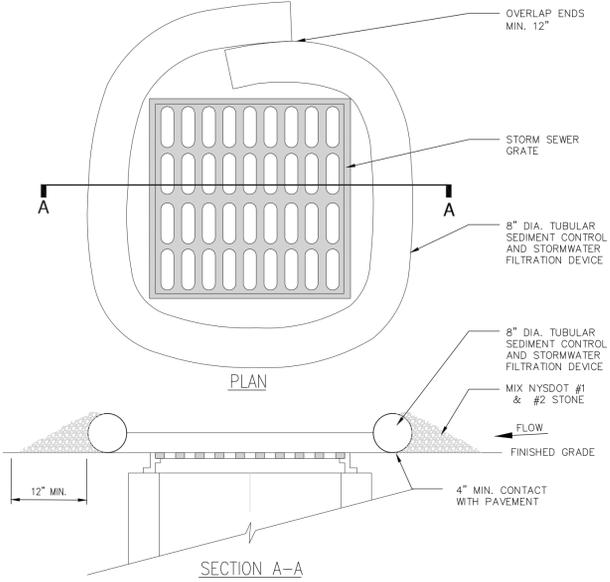
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6"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

**PERSPECTIVE VIEW**



**SECTION VIEW**

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



**NOTES:**

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

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

**STORM WATER POLLUTION PREVENTION PLAN NOTES:**

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

**POLLUTION PREVENTION MEASURES:**

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

**ON SITE MATERIAL STORAGE:**

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

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

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

**EROSION AND SEDIMENT CONTROL PRACTICES:**

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

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

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

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

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

**PHASING OF EROSION AND SEDIMENT CONTROL PRACTICES:**

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

**EROSION AND SEDIMENT CONTROL AND STORMWATER CONTROL DEVICE MAINTENANCE:**

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

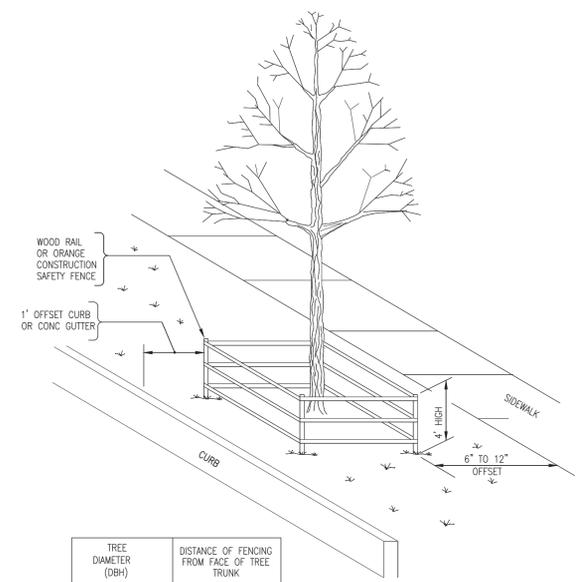
- PROJECT COMPLETION**  
AT THE PROJECT COMPLETION AND PRIOR TO PROJECT CLOSE OUT, THE CONTRACTOR SHALL INSPECT ALL PERMANENT EROSION AND CONTROL AND STORMWATER MANAGEMENT PRACTICES.
- ACCEPTABLE VEGETATION ESTABLISHMENT IN ACCORDANCE WITH SPECIFICATIONS.
  - DRAINAGE STRUCTURES AND PIPING SHALL BE CHECKED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

**MAINTENANCE OF PERMANENT STORMWATER MANAGEMENT PRACTICES**

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

**SITE ASSESSMENT AND INSPECTIONS**

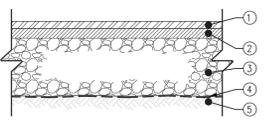
COMPLY WITH ALL CONDITIONS INCLUDED IN THE SPOES PERMIT, PART III.D.3 THROUGH PART III.D.5. THE REQUIREMENTS IN THESE SUBSECTIONS OF THE SPOES PERMIT TAKE PRECEDENCE OVER NOTES ON THIS DRAWING AND ON THE EROSION AND SEDIMENT CONTROL PLAN WHERE CONTRADICTIONS BETWEEN THESE DRAWINGS AND THE SPOES PERMIT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



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

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

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



- 2" TOP COURSE, 12.5 F2 TOP COURSE HMA, 80 SERIES COMPACTION 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
- GEOTEXTILE SEPARATION NYSDOT ITEM 207.21
- COMPACTED SUBGRADE

**NOTES:**

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

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

6/15/2022 4:10:27 PM

CONSULTANT INFORMATION

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

CONSULTANT SEAL

| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
|-----------------|------|---------|----------|----------|
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RECORD DRAWING CERTIFICATION

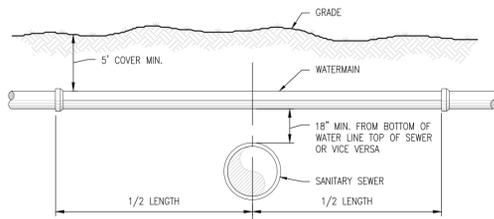
AS BUILT - CHANGES AS NOTED       AS BUILT - NO CHANGES

| CONTRACTOR |  | PROJECT COORDINATOR |  |
|------------|--|---------------------|--|
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| TITLE      |  | TITLE               |  |
| DATE       |  | DATE                |  |

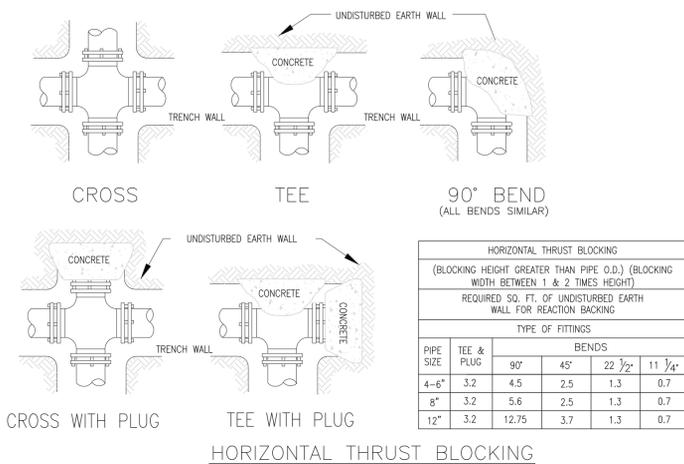
WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
DIVISION OF ENGINEERING

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

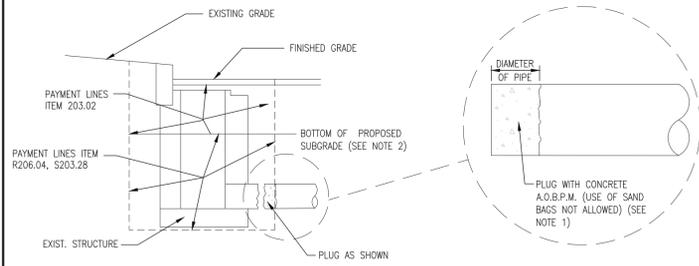
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|----------------------|--------------|
| 22-523               | CXD-C-06     |
| DWG. NO.: 249 of 664 |              |
| SCALE: AS NOTED      |              |
| DATE: 08/23/2022     |              |
| DPW FILE NUMBER      | REV. NO.     |
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**TYPICAL WATER LINE - SEWER LINE CROSSING**  
N.T.S.

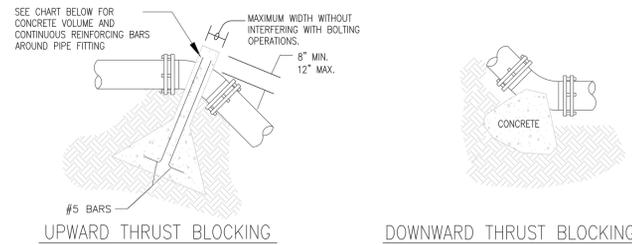


**HORIZONTAL THRUST BLOCKING**  
(BLOCKING HEIGHT GREATER THAN PIPE O.D.) (BLOCKING WIDTH BETWEEN 1 & 2 TIMES HEIGHT)  
REQUIRED SQ. FT. OF UNDISTURBED EARTH WALL FOR REACTION BACKING



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

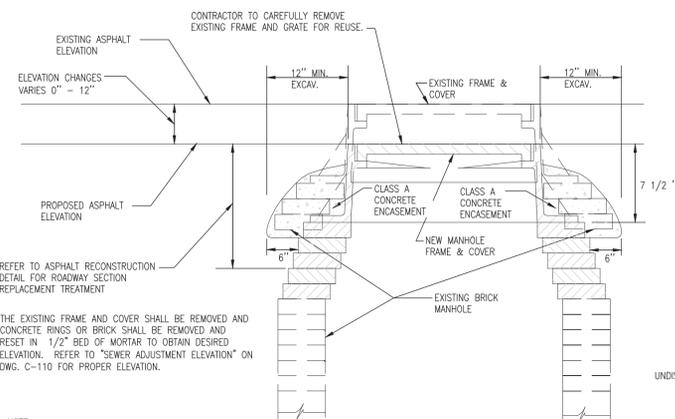
**DETAILS FOR PLUGGING ABANDONED DRAINAGE STRUCTURES AND PIPES**  
N.T.S.



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

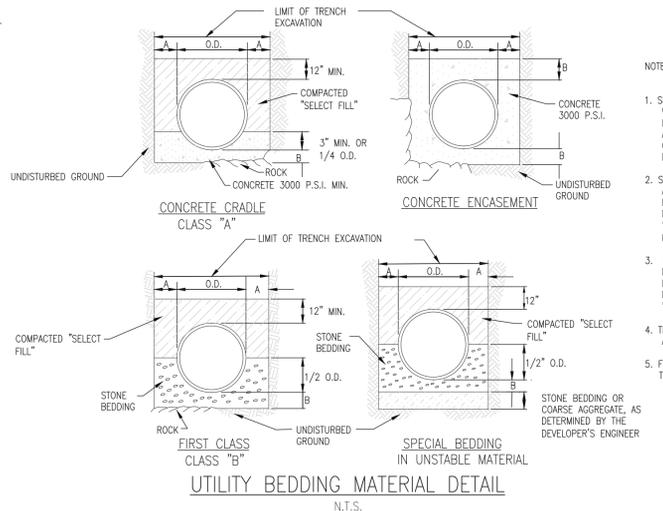
- NOTES:**
1. DO NOT COVER BELLS OR FLANGES WITH CONCRETE.
  2. WRAP ALL FITTINGS WITH VISQUEEN.
  3. BACK ALL TEES ACCORDING TO SIZE OF BRANCH.
  4. BACKING FUTURE LINE EXTENSIONS SHALL BE SUCH THAT LATER REMOVAL IS POSSIBLE.
  5. ALL BENDS WHERE FITTINGS ARE USED, BOTH HORIZONTAL OR VERTICAL SHALL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

**VERTICAL THRUST BLOCKING**



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

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

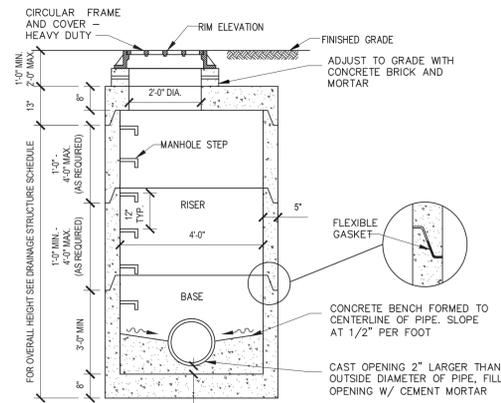


- NOTES:**
1. SELECT FILL SHALL BE SAND, GRAVEL, AND SIMILAR MATERIAL WHICH SHALL BE FREE FROM CLAY, LOAM, ORGANIC MATERIAL, DEBRIS, FROZEN MATERIAL AND SHALL CONTAIN ONLY SMALL AMOUNTS OF STONE, PEBBLES OR LUMPS OVER ONE INCH IN GREATEST DIMENSION BUT NONE OVER TWO INCHES IN GREATEST DIMENSION, MEETING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

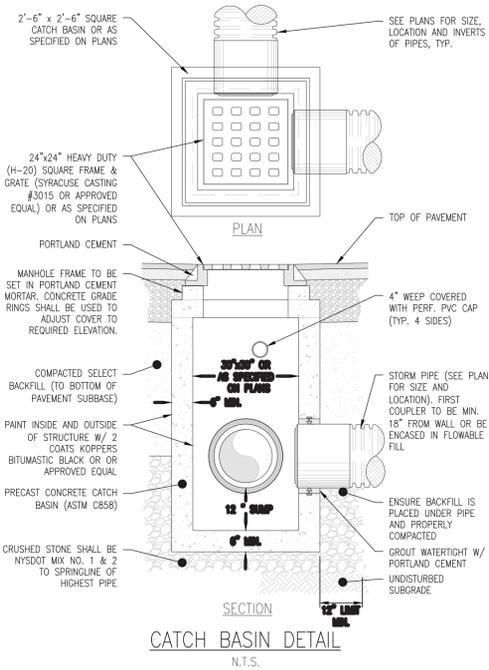
| PIPE DIA.  | DIM. A | DIM. B |
|------------|--------|--------|
| UP TO 18"  | 1.0'   | 6"     |
| 21" TO 36" | 1.5'   | 9"     |
| OVER 36"   | 1.5'   | 12"    |

**4'Ø PRECAST CONCRETE DRAINAGE MANHOLE**  
N.T.S.

- NOTES:**
1. MANHOLE IS TO BE REINFORCED PRECAST CONCRETE AND CAPABLE OF SUPPORTING THE AASHTO HS-20 HIGHWAY LOADING.
  2. MANHOLE CONSTRUCTION TO CONFORM TO ASTM C913 PROVIDE ADDITIONAL RISERS AS REQUIRED.
  3. FLEXIBLE GASKET TO CONFORM TO THE REQUIREMENTS OF ASTM C990.

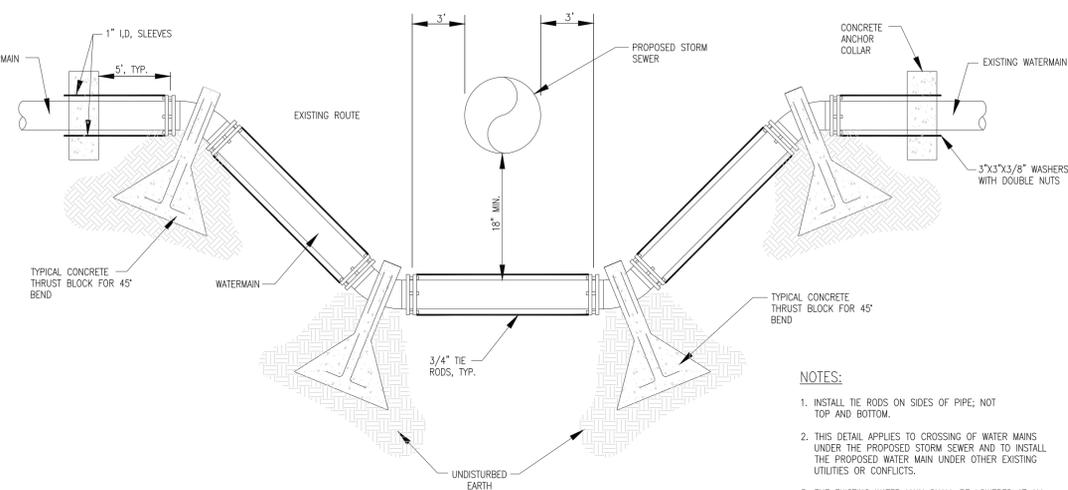


- NOTES:**
1. MANHOLE IS TO BE REINFORCED PRECAST CONCRETE AND CAPABLE OF SUPPORTING THE AASHTO HS-20 HIGHWAY LOADING.
  2. MANHOLE CONSTRUCTION TO CONFORM TO ASTM C913 PROVIDE ADDITIONAL RISERS AS REQUIRED.
  3. FLEXIBLE GASKET TO CONFORM TO THE REQUIREMENTS OF ASTM C990.

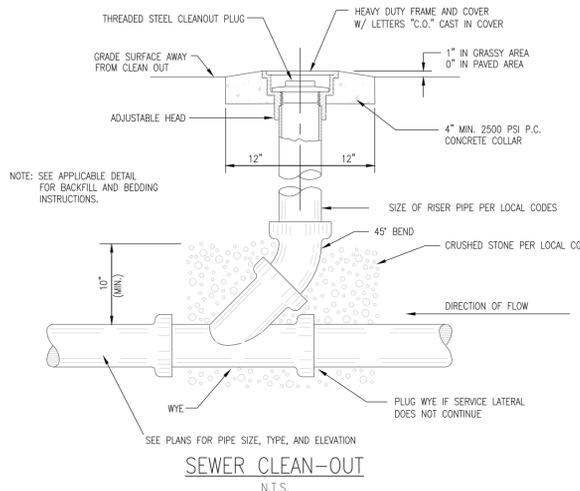


**CATCH BASIN DETAIL**  
N.T.S.

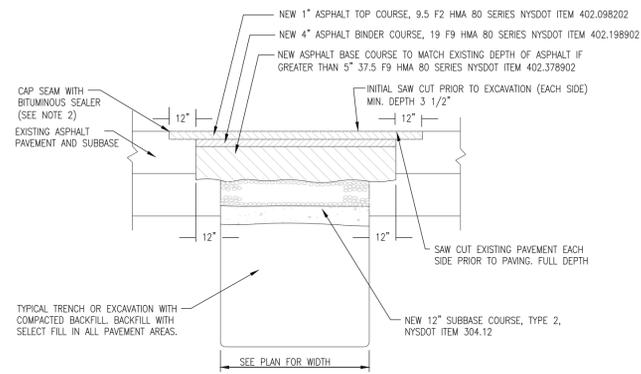
**TYPICAL WATERMAIN CROSSING DETAIL**  
N.T.S.



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



**SEWER CLEAN-OUT**  
N.T.S.



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

**PAVEMENT TRENCH RESTORATION DETAIL**  
N.T.S.

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

CONSULTANT SEAL  
STATE OF NEW YORK  
JENNETH J. HODGSON  
PROFESSIONAL ENGINEER  
059134

| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
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RECORD DRAWING CERTIFICATION  
 AS BUILT - CHANGES AS NOTED  AS BUILT - NO CHANGES

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

WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
DIVISION OF ENGINEERING  
INFRASTRUCTURE REHABILITATION PHASE 3  
PLAYLAND PARK, RYE, NEW YORK  
CROSS AXIS BUILDING D  
CIVIL DETAILS 2

| CONTRACT NUMBER                | SHEET NUMBER    |
|--------------------------------|-----------------|
| 22-523                         | CXD-C-07        |
| DWG. NO.: 250 of 664           | SCALE: AS NOTED |
| DATE: 08/23/2022               | REV. NO.: 0     |
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