



# AIA<sup>®</sup> Document G710<sup>™</sup> – 2017

## Architect's Supplemental Instructions

**PROJECT:** *(name and address)*  
57-21113-00 - Rebid Dutchess Stadium  
New Left Field Clubhouse, Seating Bowl,  
& Restroom Building

**CONTRACT INFORMATION:**  
Contract For: General Construction

**ASI INFORMATION:**  
ASI Number: 012

Date:

Date: December 4, 2023

**OWNER:** *(name and address)*  
Dutchess County  
22 Market Street  
Poughkeepsie, NY 12601

**ARCHITECT:** *(name and address)*  
DLR Group Architecture and Engineering,  
P.C., a New York professional corporation  
33 East 33rd Street, Suite 401  
New York, NY 10016

**CONTRACTOR:** *(name and address)*  
Piazza, Inc.  
3 W Stevens Avenue  
Hawthorne, NY 10532

The Contractor shall carry out the Work in accordance with the following supplemental instructions without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgment that there will be no change in the Contract Sum or Contract Time.  
*(Insert a detailed description of the Architect's supplemental instructions and, if applicable, attach or reference specific exhibits.)*

Modify the Contract Documents per the attachments and generally as follows:

1. Sheet G0.00ii - COVER SHEET
  - a. Modifications per the attached sheet.
2. Sheet C4.1.i - CIVIL UTILITY PLAN 1
  - a. Modifications per the attached sheet.
3. Sheet P2.1A.ii - PLUMBING PLAN - AREA A - LEVEL 1
  - a. Modifications per the attached sheet.
4. Sheet P2.1A.1.ii - PLUMBING PLAN - AREA A - LEVEL 1 - DOMESTIC
  - a. Modifications per the attached sheet.
5. Sheet P3.1.ii - ENLARGED PLUMBING PLANS AND SECTIONS
  - a. Modifications per the attached sheet.
6. Sheet P5.1.ii - PLUMBING DETAILS
  - a. Modifications per the attached sheet.
7. Sheet P6.1.ii - PLUMBING SCHEDULES
  - a. Modifications per the attached sheet.

Attachment(s):

Revised Sheet G0.00ii - COVER SHEET  
Revised Sheet C4.1.i - CIVIL UTILITY PLAN 1  
Revised Sheet P2.1A.ii - PLUMBING PLAN - AREA A - LEVEL 1  
Revised Sheet P2.1A.1.ii - PLUMBING PLAN - AREA A - LEVEL 1 - DOMESTIC  
Revised Sheet P3.1.ii - ENLARGED PLUMBING PLANS AND SECTIONS  
Revised Sheet P5.1.ii - PLUMBING DETAILS  
Revised Sheet P6.1.ii - PLUMBING SCHEDULES

### ISSUED BY THE ARCHITECT:

DLR Group Architecture and Engineering,  
P.C., a New York professional corporation  
**ARCHITECT** *(Firm name)*



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**SIGNATURE**

Bob Carlson, AIA, LEED AP,  
Principal

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**PRINTED NAME AND TITLE**

December 4, 2023

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**DATE**





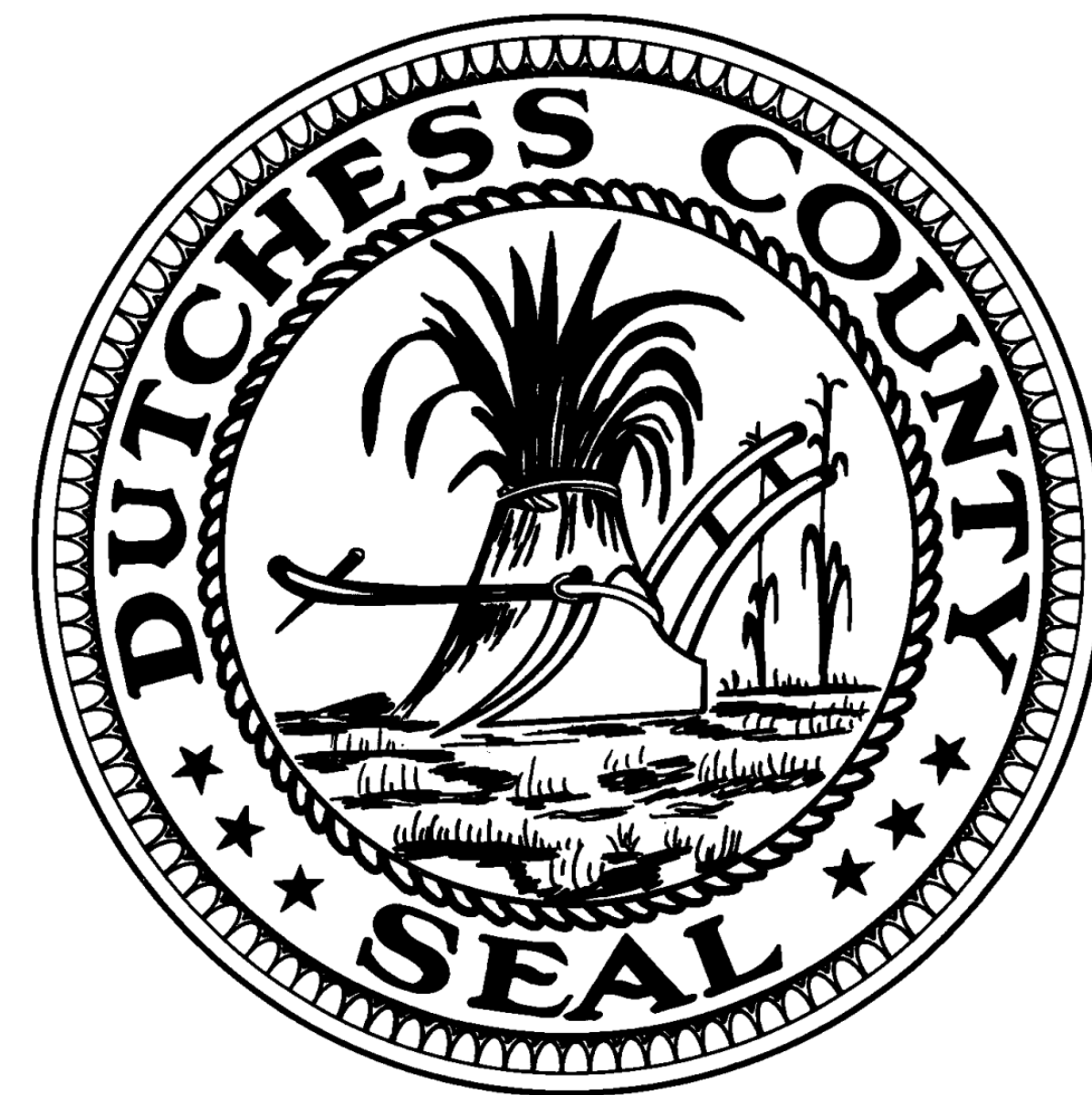
# REBID DUTCHESS STADIUM NEW LEFT FIELD CLUBHOUSE, SEATING BOWL, & RESTROOM BUILDING

1500 ROUTE 9D FISHKILL, NY 12590

TAX PARCEL #133089-6055-01-182629

**SINGLE PRIME CONTRACT RFB-DCB-18-22**

NOVEMBER 4, 2022



MARCUS J. MOLINARO  
DUTCHESS COUNTY EXECUTIVE

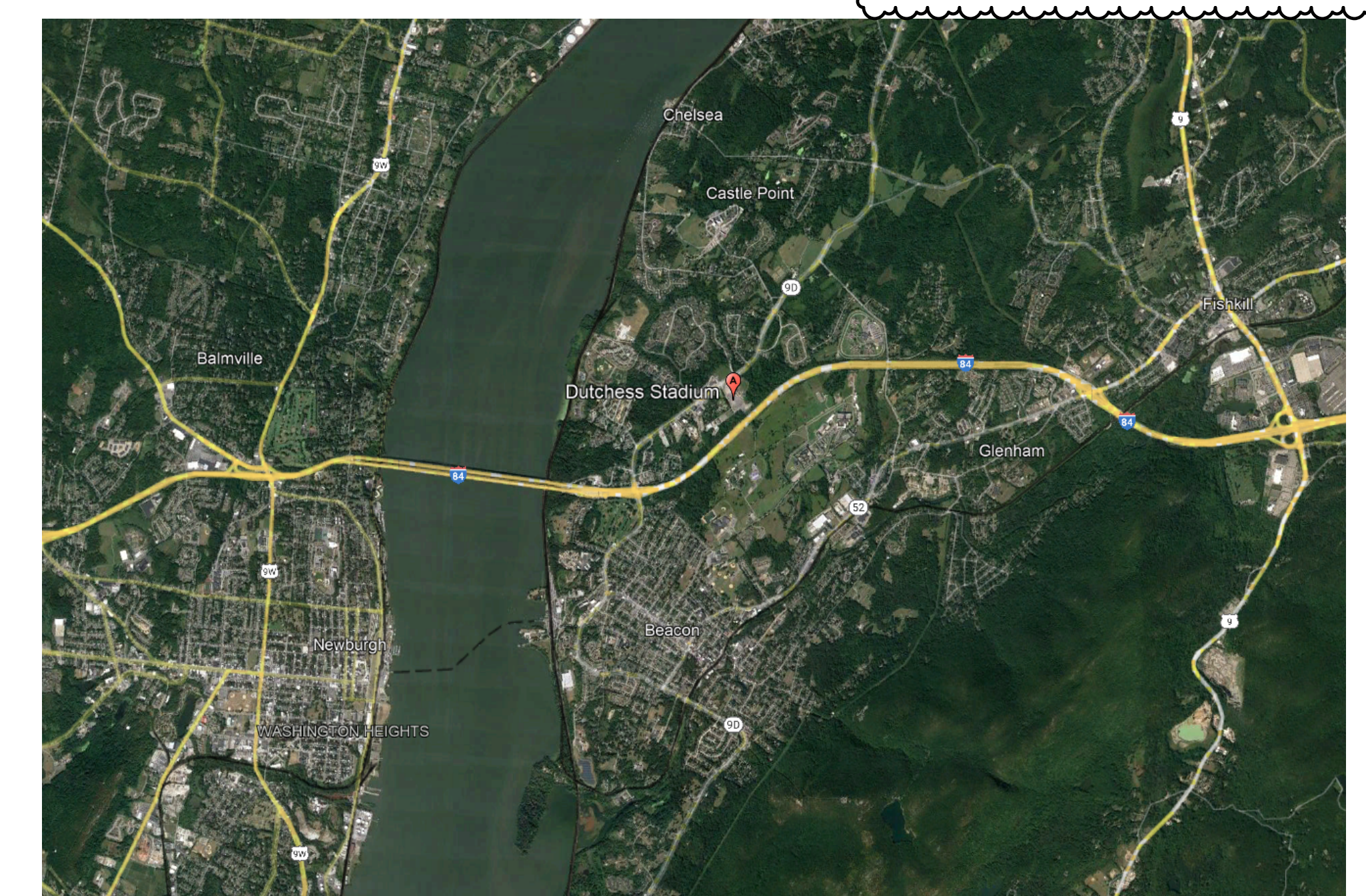
ROBERT H. BALKIND, P.E.  
DUTCHESS COUNTY DPW COMMISSIONER

OWNER: DUTCHESS COUNTY  
22 MARKET STREET POUGHKEEPSIE, NY 12601

THE UNDERSIGNED OWNERS OF THE PROPERTY HEREON STATE THAT THEY ARE FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS STATED HEREON.

SIGNATURE

PROJECT LOCATION MAP



ARCHITECTURE & INTERIOR DESIGN  
MECHANICAL & PLUMBING ENGINEERING  
ELECTRICAL ENGINEERING  
AUDIOVISUAL



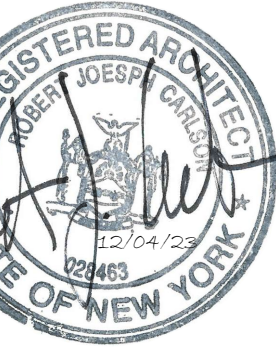
CIVIL ENGINEERING



LANDSCAPE ARCHITECTURE



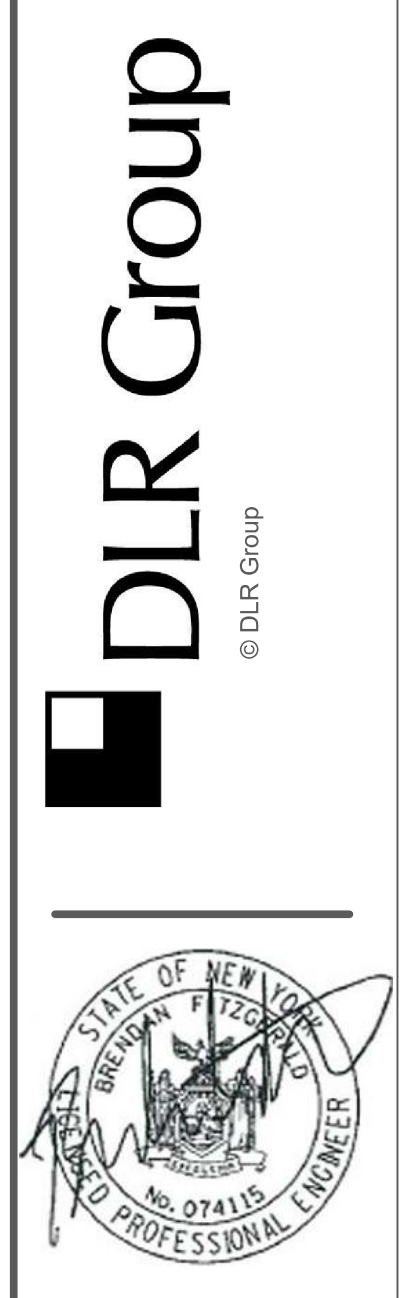
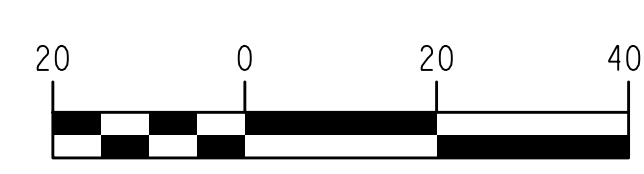
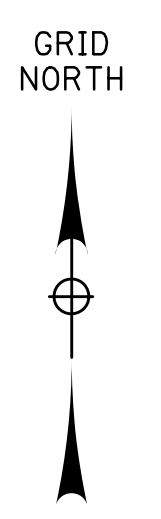
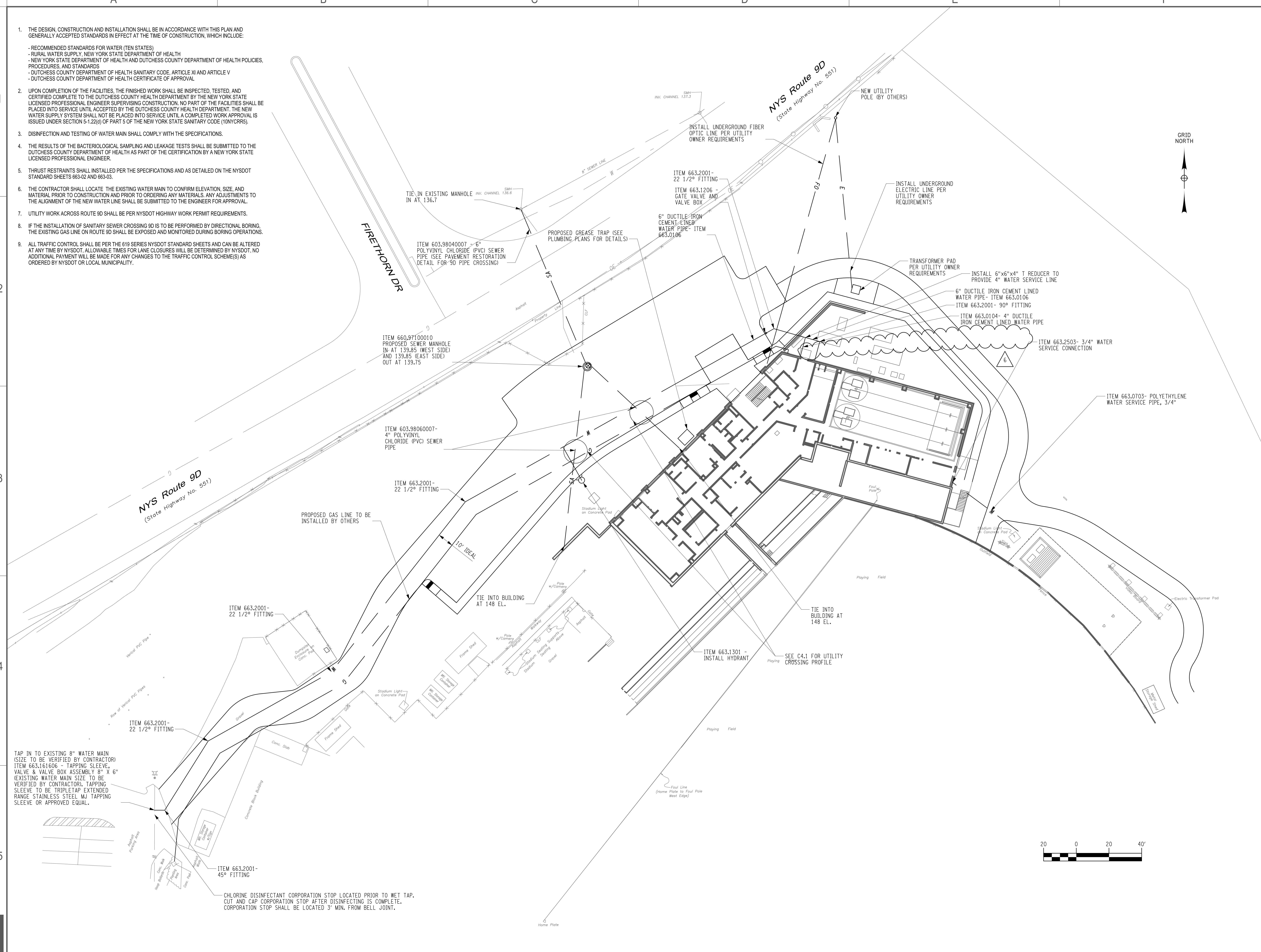
110 S. 14th Street, Suite 200  
Lincoln, NE 68508  
Tel 402.475.1787





- THE DESIGN, CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION, WHICH INCLUDE:
  - RECOMMENDED STANDARDS FOR WATER (TEN STATES)
  - RURAL WATER SUPPLY, NEW YORK STATE DEPARTMENT OF HEALTH
  - NEW YORK STATE DEPARTMENT OF HEALTH AND DUTCHESS COUNTY DEPARTMENT OF HEALTH POLICIES, PROCEDURES, AND STANDARDS
  - DUTCHESS COUNTY DEPARTMENT OF HEALTH SANITARY CODE, ARTICLE XI AND ARTICLE V
  - DUTCHESS COUNTY DEPARTMENT OF HEALTH CERTIFICATE OF APPROVAL

- UPON COMPLETION OF THE FACILITIES, THE FINISHED WORK SHALL BE INSPECTED, TESTED, AND CERTIFIED COMPLETE TO THE DUTCHESS COUNTY HEALTH DEPARTMENT BY THE NEW YORK STATE LICENSED PROFESSIONAL ENGINEER SUPERVISING CONSTRUCTION. NO PART OF THE FACILITIES SHALL BE PLACED INTO SERVICE UNTIL ACCEPTED BY THE DUTCHESS COUNTY HEALTH DEPARTMENT. THE NEW WATER SUPPLY SYSTEM SHALL NOT BE PLACED INTO SERVICE UNTIL A COMPLETED WORK APPROVAL IS ISSUED UNDER SECTION 5-1.22(d) OF PART 5 OF THE NEW YORK STATE SANITARY CODE (10NYCRRS).
- DISINFECTION AND TESTING OF WATER MAIN SHALL COMPLY WITH THE SPECIFICATIONS.
- THE RESULTS OF THE BACTERIOLOGICAL SAMPLING AND LEAKAGE TESTS SHALL BE SUBMITTED TO THE DUTCHESS COUNTY DEPARTMENT OF HEALTH AS PART OF THE CERTIFICATION BY A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER.
- THRUST RESTRAINTS SHALL BE INSTALLED PER THE SPECIFICATIONS AND AS DETAILED ON THE NYS DOT STANDARD SHEETS 663-02 AND 663-03.
- THE CONTRACTOR SHALL LOCATE THE EXISTING WATER MAIN TO CONFIRM ELEVATION, SIZE, AND MATERIAL PRIOR TO CONSTRUCTION AND PRIOR TO ORDERING ANY MATERIALS. ANY ADJUSTMENTS TO THE ALIGNMENT OF THE NEW WATER LINE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- UTILITY WORK ACROSS ROUTE 9D SHALL BE PER NYS DOT HIGHWAY WORK PERMIT REQUIREMENTS.
- IF THE INSTALLATION OF SANITARY SEWER CROSSING 9D IS TO BE PERFORMED BY DIRECTIONAL BORING, THE EXISTING GAS LINE ON ROUTE 9D SHALL BE EXPOSED AND MONITORED DURING BORING OPERATIONS.
- ALL TRAFFIC CONTROL SHALL BE PER THE 619 SERIES NYS DOT STANDARD SHEETS AND CAN BE ALTERED AT ANY TIME BY NYS DOT. ALLOWABLE TIMES FOR LANE CLOSURES WILL BE DETERMINED BY NYS DOT. NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY CHANGES TO THE TRAFFIC CONTROL SCHEME(S) AS ORDERED BY NYS DOT OR LOCAL MUNICIPALITY.



**REBID DUTCHESS STADIUM NEW LEFT FIELD CLUBHOUSE, SEATING BOWL, & RESTROOM BUILDING**  
 OWNER: DUTCHESS COUNTY, 22 MARKET STREET Poughkeepsie, NY 12601  
 1600 ROUTE 9D, FISHKILL, NY 12530

BID SET  
 11.04.22

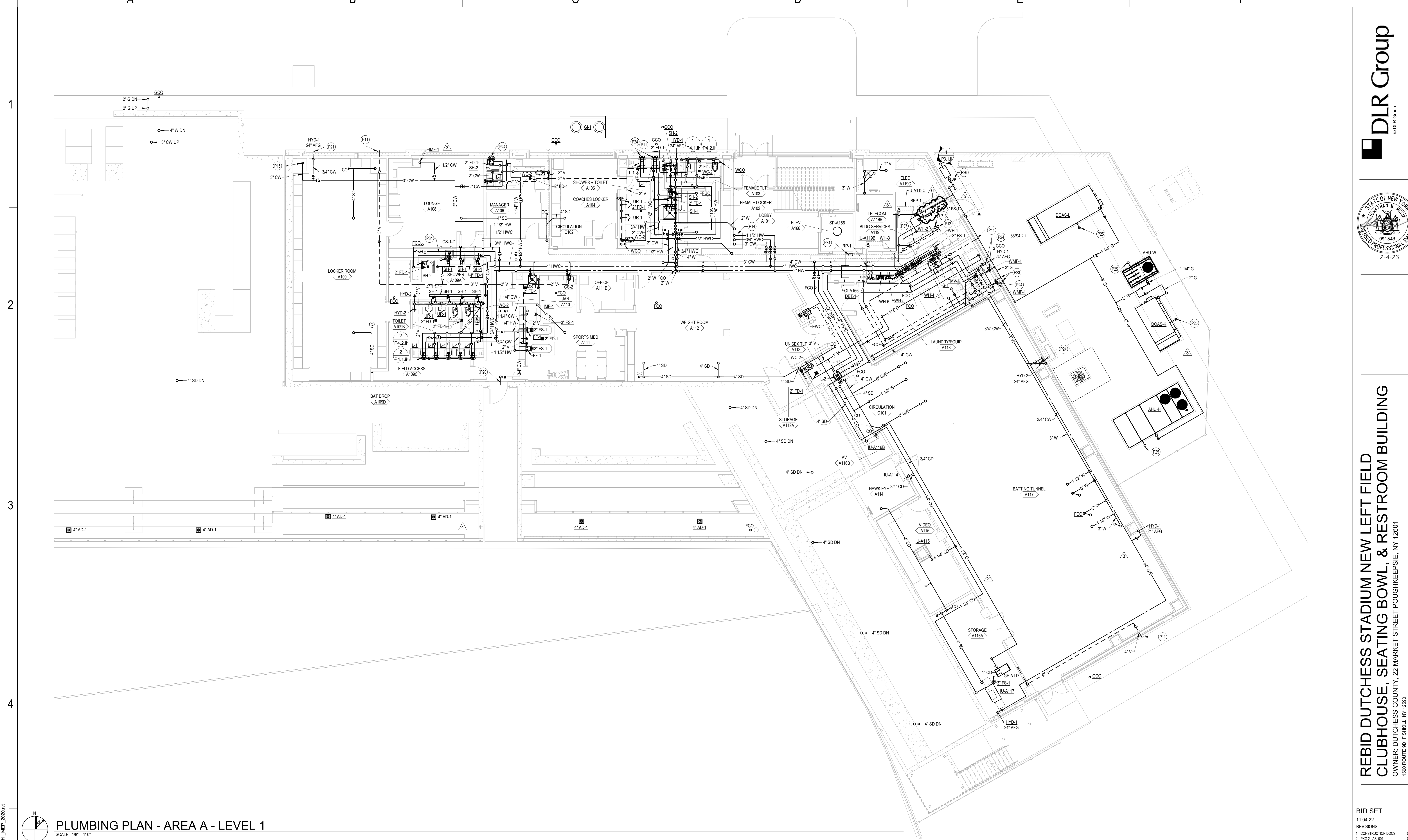
REVISIONS

1	CONSTRUCTION DOCS	03.06.22
2	ASB14	08.09.22
3	ASB06	07.18.22
4	ASB07	08.07.22
5	ASB11	11.02.22
6	ASB12	12.04.22

57-21113-00  
 CIVIL UTILITY  
 PLAN 1

C4.1.ii





**PLUMBING PLAN - AREA A - LEVEL 1**  
 SCALE: 1/8" = 1'-0"

**GENERAL NOTES**

A FOR SYMBOLS AND ABBREVIATIONS SEE DRAWING P0.1.

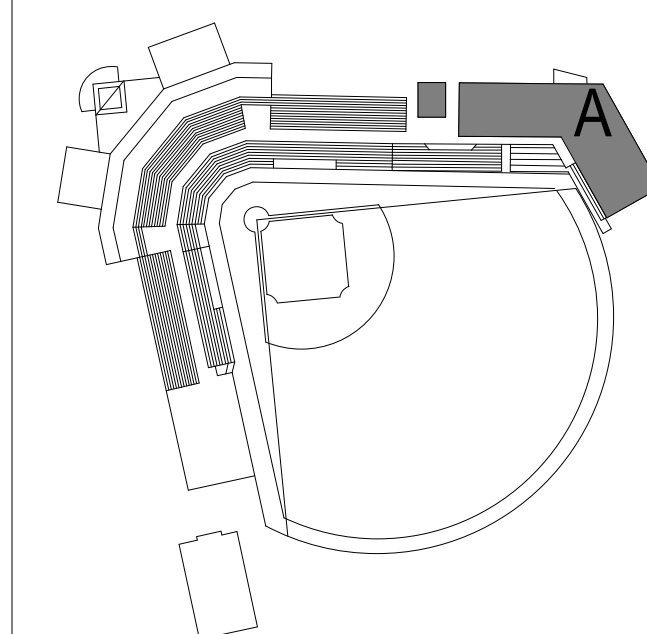
**SHEET NOTES**

- P11 4" SANITARY VENT TERMINATION. PROVIDE WITH 45° ELBOW WITH BIRD SCREEN.
- P12 DOMESTIC COLD WATER UP TO LEVEL ABOVE. SEE P2.2A.I FOR CONTINUATION.
- P13 NATURAL GAS UP TO LEVEL ABOVE.
- P14 DOMESTIC COLD AND HOT WATER UP TO LEVEL ABOVE AND DOMESTIC HOT WATER RECIRCULATION DOWN FROM LEVEL ABOVE. SEE P2.2A.I FOR CONTINUATION.
- P15 DOMESTIC COLD WATER DOWN TO BELOW GRADE. SEE P1.1A.II FOR CONTINUATION.
- P20 3/4" DOMESTIC COLD WATER TO WALL HYDRANT ABOVE SEATING BOWL WALKWAY ON LEVEL ABOVE. INSTALL SO THAT PIPING IS TIGHT TO BOTTOM OF STRUCTURE. SEE P2.2A.II FOR CONTINUATION.
- P21 WALL HYDRANT TO FUNCTION AS MAIN BUILDING BLOW DOWN CONNECTION. REFER TO DETAIL 1E.P1.II FOR ADDITIONAL INFORMATION.
- P23 4" OIL SEPARATOR VENT TERMINATIONS. PROVIDE WITH 45° ELBOW WITH BIRD SCREEN. INSTALL VENTS PER OIL SEPARATOR MANUFACTURER'S INSTRUCTIONS.
- P24 ALL PLUMBING PIPING IN THIS EXTERIOR WALL TO BE INSTALLED ON INTERIOR SIDE OF INSULATION.

**SHEET NOTES**

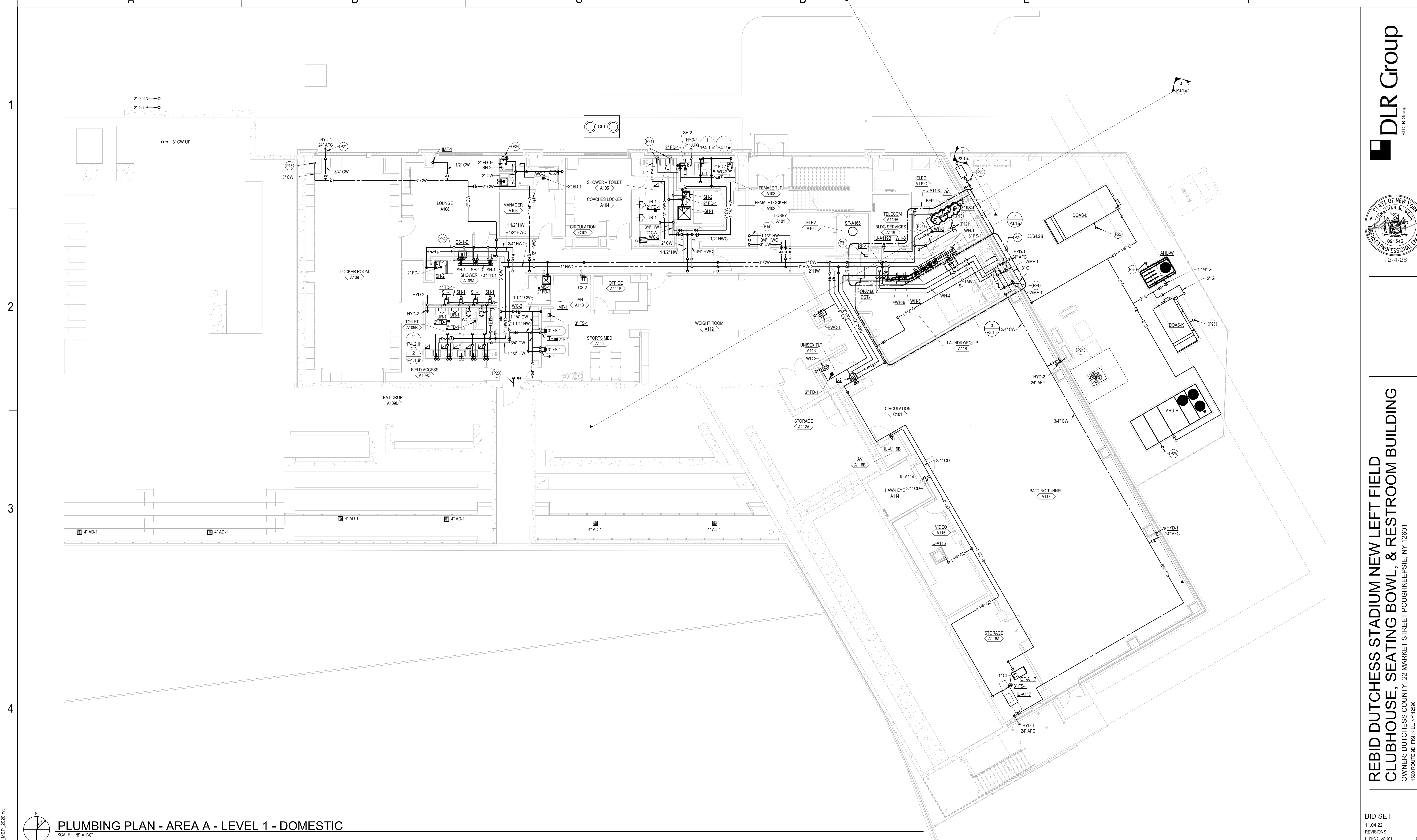
- P25 DRAIN CONDENSATE TO GRAVEL SURROUNDING CONCRETE EQUIPMENT PADS IN MECHANICAL YARD. CONDENSATE PIPING TO BE COPPER.
- P26 2" GAS PIPING DOWN TO BELOW GRADE. SEE P1.1A.II FOR CONTINUATION.
- P31 INSTALL SUMP PUMP SIMPLEX ALARM PANEL IN THIS LOCATION.
- P34 CONNECT DISHWASHER DRAIN TO SINK SANITARY. REFER TO DETAIL S.A.P15.1.
- P37 ROUTE GAS AND DOMESTIC COLD WATER PIPING STACKED TOGETHER AS HIGH AS POSSIBLE BETWEEN CONCRETE STRUCTURAL BEAMS ABOVE DUCTWORK.

**KEY PLAN**



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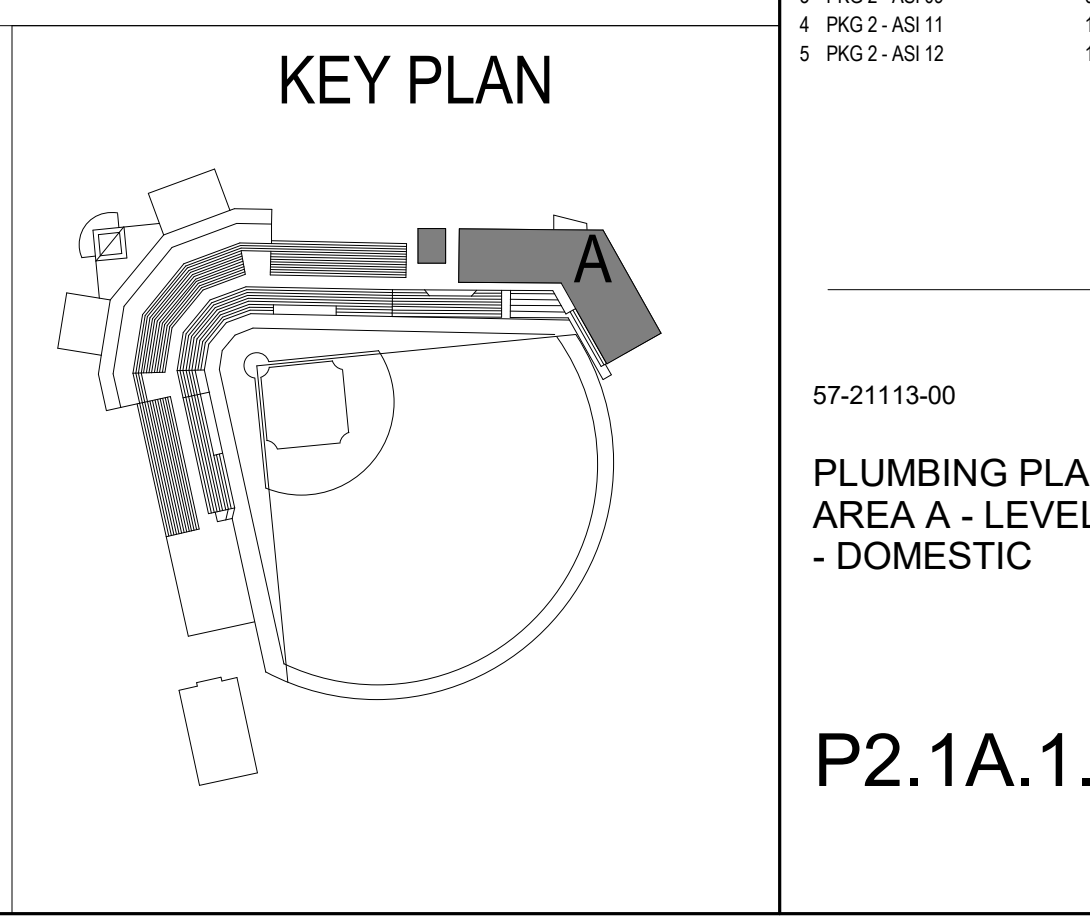
**PLUMBING PLAN - AREA A - LEVEL 1 - DOMESTIC**  
SCALE: 1/8" = 1'-0"

- GENERAL NOTES**
- FOR SYMBOLS AND ABBREVIATIONS SEE DRAWING PD.1.
  - FILL DOMESTIC WATER PIPING. CHECK COMPONENTS TO DETERMINE THAT THEY ARE NOT AIR BOUND AND THAT PIPING IS FULL OF WATER.
  - TEST FOR LEAKS AND DEFECTS IN NEW PIPING AND PARTS OF EXISTING PIPING THAT HAVE BEEN ALTERED, EXTENDED, OR REPAIRED. IF TESTING IS PERFORMED IN SECTIONS, SUBMIT A SEPARATE REPORT FOR EACH TEST, COMPLETE WITH DIAGRAM OF PORTION OF PIPING TESTED.
  - LEAVE NEW, ALTERED, EXTENDED, OR REPLACED DOMESTIC WATER PIPING UNCOVERED AND UNCONCEALED UNTIL IT HAS BEEN TESTED AND APPROVED. EXPOSE WORK THAT WAS COVERED OR CONCEALED BEFORE IT WAS TESTED.
  - CAP AND SUBJECT PIPING TO STATIC WATER PRESSURE OF 50 PSIG (345 KPA) ABOVE OPERATING PRESSURE, WITHOUT EXCEEDING PRESSURE RATING OF PIPING SYSTEM MATERIALS. ISOLATE TEST SOURCE AND ALLOW IT TO STAND FOR FOUR HOURS. LEAKS AND LOSS IN TEST PRESSURE CONSTITUTE DEFECTS THAT MUST BE REPAIRED.
  - REPAIR LEAKS AND DEFECTS WITH NEW MATERIALS, AND RETEST PIPING OR PORTION THEREOF UNTIL SATISFACTORY RESULTS ARE OBTAINED.
  - PREPARE REPORTS FOR TESTS AND FOR CORRECTIVE ACTION REQUIRED.

- GENERAL NOTES**
- CLEAN AND DISINFECT POTABLE DOMESTIC WATER PIPING AS FOLLOWS:
    - PURGE NEW PIPING AND PARTS OF EXISTING PIPING THAT HAVE BEEN ALTERED, EXTENDED, OR REPAIRED BEFORE USING.
    - USE PURGING AND DISINFECTING PROCEDURES PRESCRIBED BY AUTHORITIES HAVING JURISDICTION; IF METHODS ARE NOT PRESCRIBED, USE PROCEDURES DESCRIBED IN EITHER AWWA C651 OR AWWA C652 OR FOLLOW PROCEDURES DESCRIBED BELOW.
      - FLUSH PIPING SYSTEM WITH CLEAN, POTABLE WATER UNTIL DIRTY WATER DOES NOT APPEAR AT OUTLETS.
      - FILL AND ISOLATE SYSTEM ACCORDING TO EITHER OF THE FOLLOWING:
        - FILL SYSTEM OR PART THEREOF WITH WATER/CHLORINE SOLUTION WITH AT LEAST 50 PPM (50 MG/L) OF CHLORINE. ISOLATE WITH VALVES AND ALLOW TO STAND FOR 24 HOURS.
        - FILL SYSTEM OR PART THEREOF WITH WATER/CHLORINE SOLUTION WITH AT LEAST 200 PPM (200 MG/L) OF CHLORINE. ISOLATE AND ALLOW TO STAND FOR THREE HOURS.
      - FLUSH SYSTEM WITH CLEAN, POTABLE WATER UNTIL NO CHLORINE IS IN WATER COMING FROM SYSTEM AFTER THE STANDING TIME.

- GENERAL NOTES**
- REPEAT PROCEDURES IF BIOLOGICAL EXAMINATION SHOWS CONTAMINATION.
  - SUBMIT WATER SAMPLES IN STERILE BOTTLES TO AUTHORITIES HAVING JURISDICTION.
- GENERAL NOTES**
- CLEAN NON-POTABLE DOMESTIC WATER PIPING AS FOLLOWS:
    - PURGE NEW PIPING AND PARTS OF EXISTING PIPING THAT HAVE BEEN ALTERED, EXTENDED, OR REPAIRED BEFORE USING.
    - USE PURGING PROCEDURES PRESCRIBED BY AUTHORITIES HAVING JURISDICTION OR, IF METHODS ARE NOT PRESCRIBED, FOLLOW PROCEDURES DESCRIBED BELOW.
      - FLUSH PIPING SYSTEM WITH CLEAN, POTABLE WATER UNTIL DIRTY WATER DOES NOT APPEAR AT OUTLETS.
      - SUBMIT WATER SAMPLES IN STERILE BOTTLES TO AUTHORITIES HAVING JURISDICTION. REPEAT PROCEDURES IF BIOLOGICAL EXAMINATION SHOWS CONTAMINATION.
    - PREPARE AND SUBMIT REPORTS OF PURGING AND DISINFECTING ACTIVITIES. INCLUDE COPIES OF WATER-SAMPLE APPROVALS FROM AUTHORITIES HAVING JURISDICTION TO STAND FOR THREE HOURS.
    - FLUSH SYSTEM WITH CLEAN, POTABLE WATER UNTIL NO CHLORINE IS IN WATER COMING FROM SYSTEM AFTER THE STANDING TIME.

- SHEET NOTES**
- P12 DOMESTIC COLD WATER UP TO LEVEL ABOVE. SEE P2.2A.ii FOR CONTINUATION.
- P13 NATURAL GAS UP TO LEVEL ABOVE.
- P14 DOMESTIC COLD AND HOT WATER UP TO LEVEL ABOVE AND DOMESTIC HOT WATER RECIRCULATION DOWN FROM LEVEL ABOVE. SEE P2.2A.ii FOR CONTINUATION.
- P15 DOMESTIC COLD WATER DOWN TO BELOW GRADE. SEE P1.1A.i FOR CONTINUATION.
- P20 3/4" DOMESTIC COLD WATER TO WALL HYDRANT ABOVE SEATING BOWL WALKWAY ON LEVEL ABOVE. INSTALL SO THAT PIPING IS TIGHT TO BOTTOM OF STRUCTURE. SEE P2.2A.i FOR CONTINUATION.
- P21 WALL HYDRANT TO FUNCTION AS MAIN BUILDING BLOW DOWN CONNECTION. REFER TO DETAIL 1E.PS.1.H FOR ADDITIONAL INFORMATION.
- SHEET NOTES**
- P24 ALL PLUMBING PIPING IN THIS EXTERIOR WALL TO BE INSTALLED ON INTERIOR SIDE OF INSULATION.
- P25 DRAIN CONDENSATE TO GRAVEL SURROUNDING CONCRETE EQUIPMENT PADS IN MECHANICAL YARD. CONDENSATE PIPING TO BE COPPER.
- P26 2" GAS PIPING DOWN TO BELOW GRADE. SEE P1.1A.i FOR CONTINUATION.
- P31 INSTALL SUMP PUMP SIMPLEX ALARM PANEL IN THIS LOCATION.
- P34 CONNECT DISHWASHER DRAIN TO SINK SANITARY. REFER TO DETAIL SA.PS.1.i.
- P37 ROUTE GAS AND DOMESTIC COLD WATER PIPING STACKED TIGHT TOGETHER AS HIGH AS POSSIBLE BETWEEN CONCRETE STRUCTURAL BEAMS ABOVE DUCTWORK.



**BID SET**  
11.04.22

**REVISIONS**

1	PKG 2 - ASI 001	04.07.23
2	PKG 2 - ASI 01	08.07.23
3	PKG 2 - ASI 08	08.16.23
4	PKG 2 - ASI 11	11.07.23
5	PKG 2 - ASI 12	12.04.23

57-21113-00

**PLUMBING PLAN - AREA A - LEVEL 1 - DOMESTIC**

**P2.1A.1.ii**

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A

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C

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E

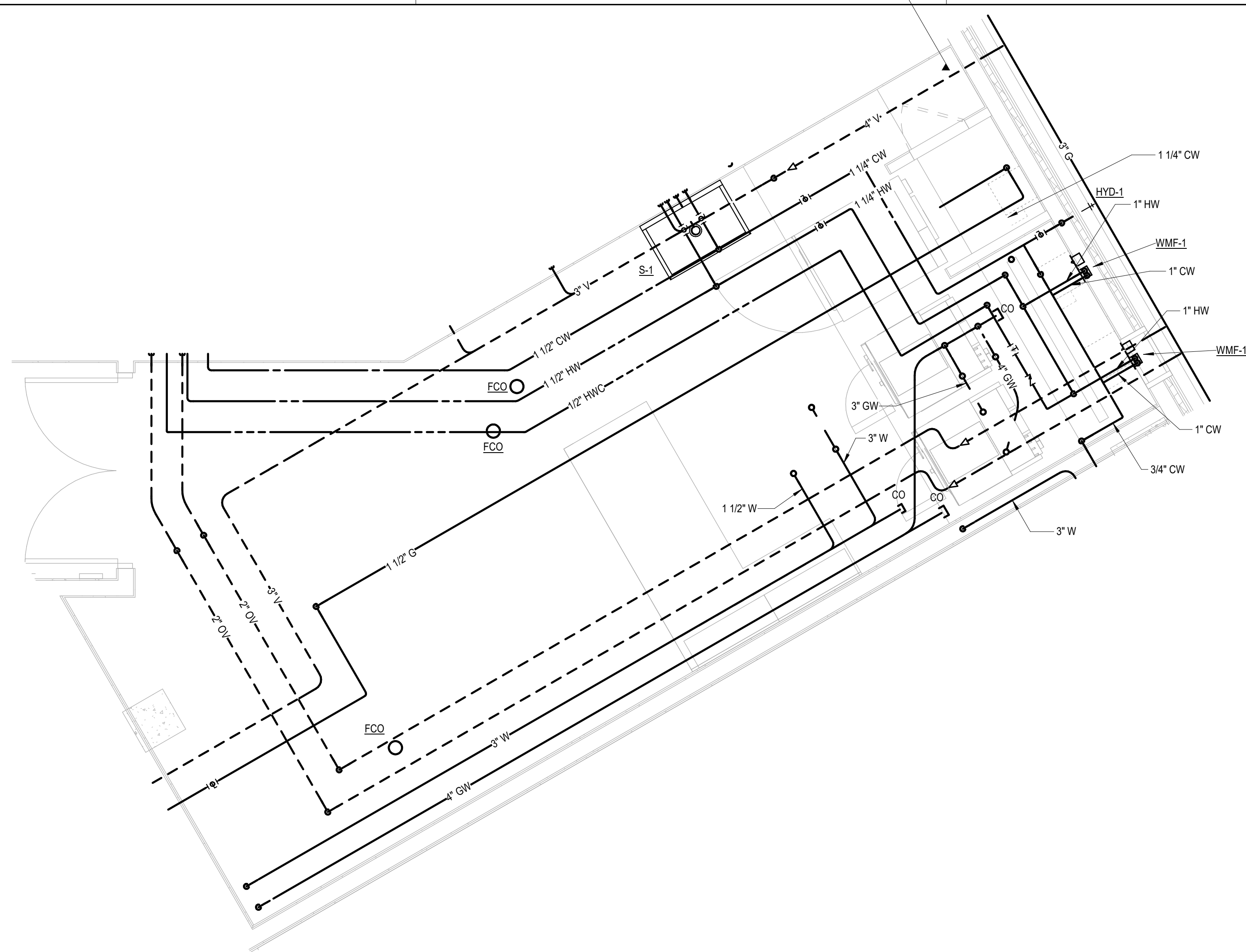
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GENERAL NOTES

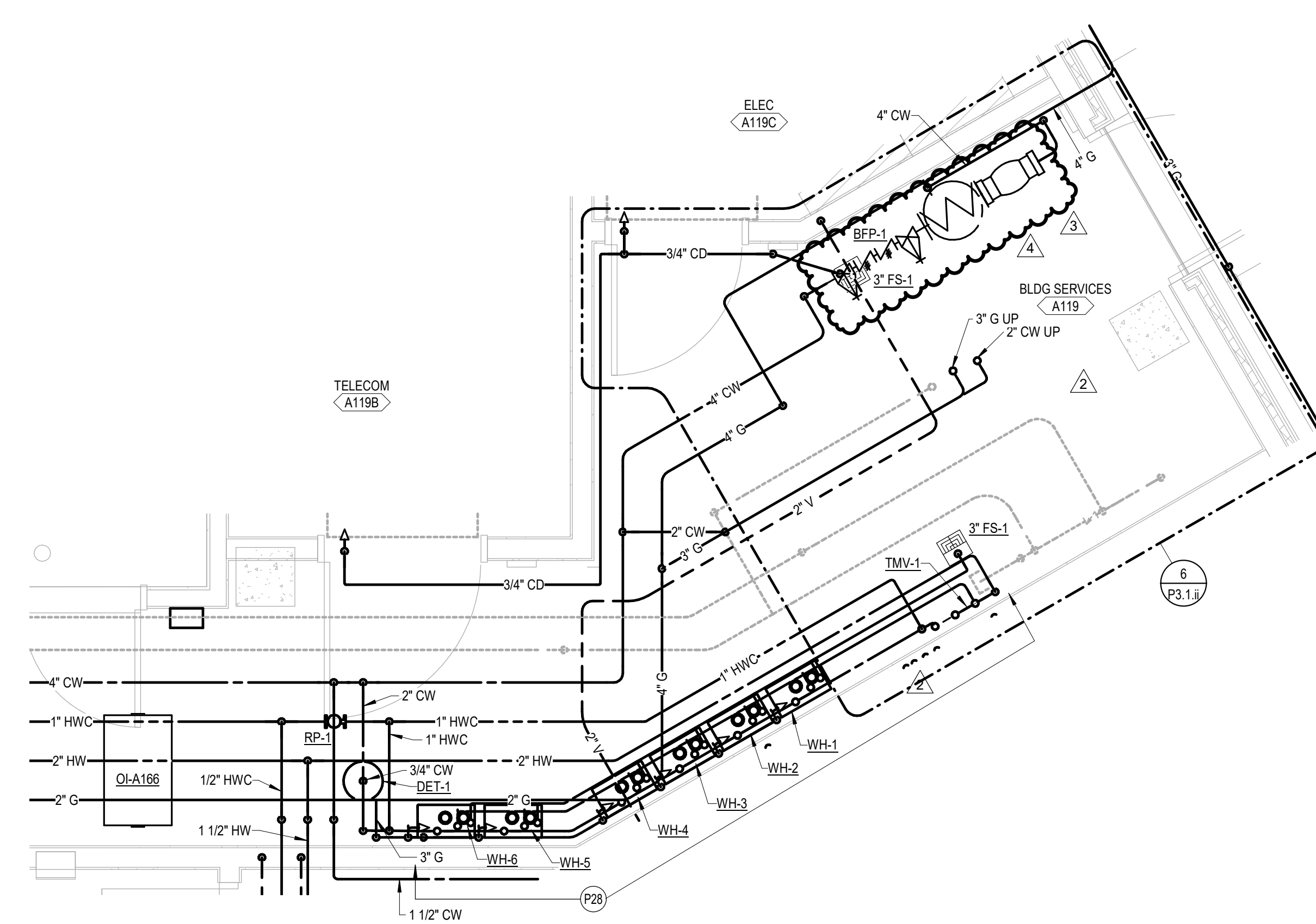
A FOR SYMBOLS AND ABBREVIATIONS SEE DRAWING P0.1.

SHEET NOTES

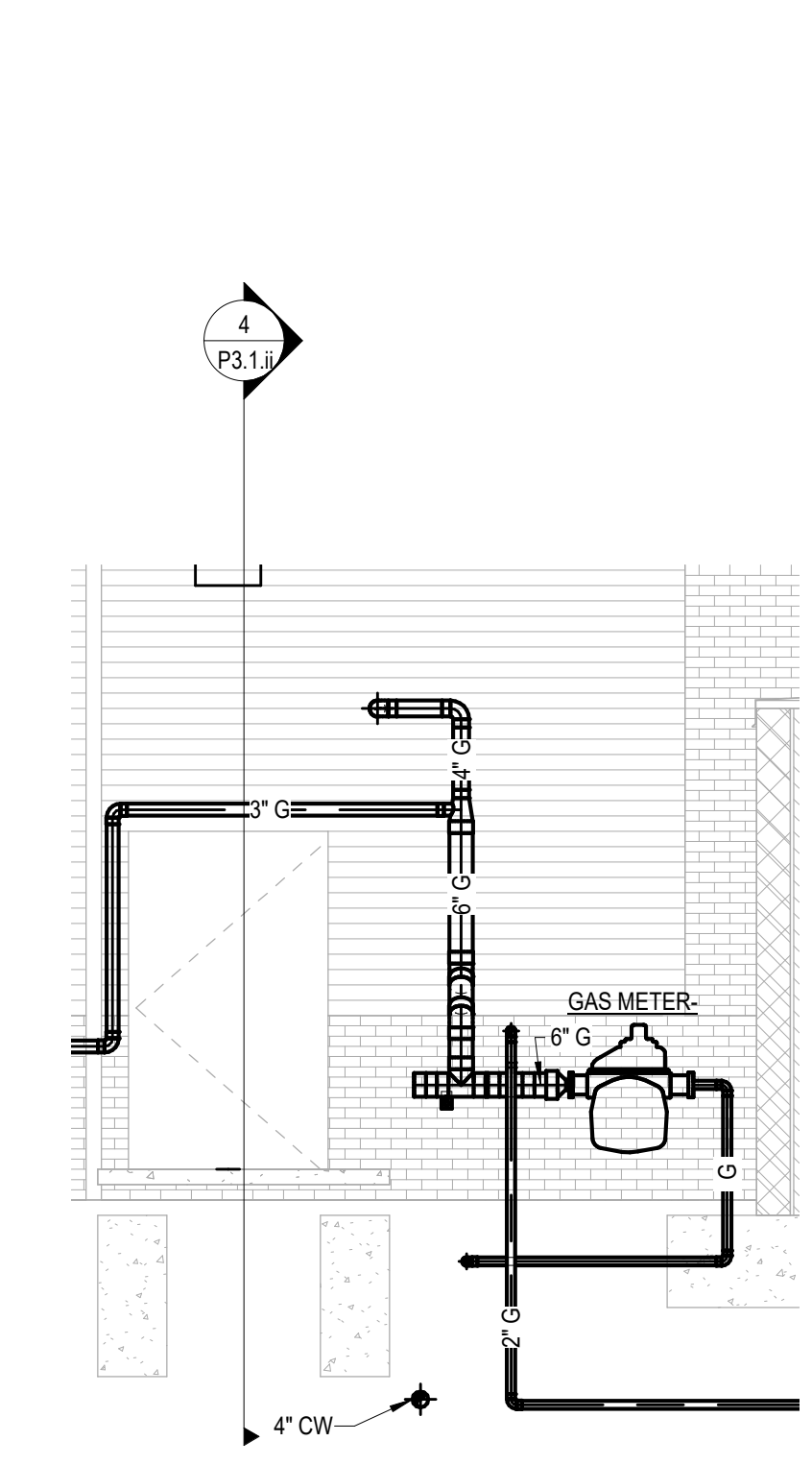
P28 REFER TO DETAIL SD/PS.1.1 FOR PIPE SIZES TO WATER HEATERS AND ADDITIONAL INFORMATION.



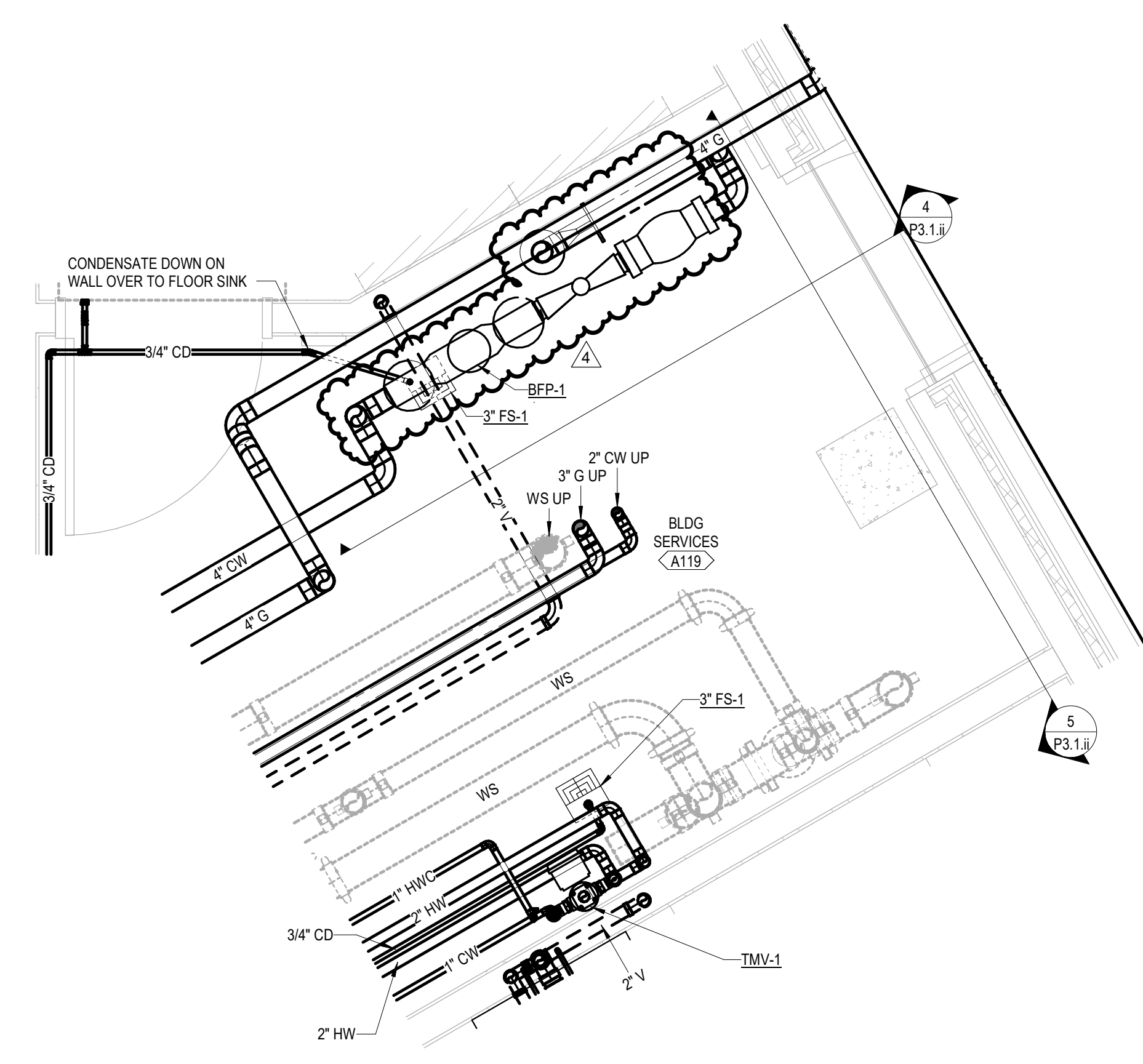
3 LAUNDRY/EQUIP (A118) ENLARGED PLUMBING PLAN  
P3.1.i SCALE: 3/8\"/>



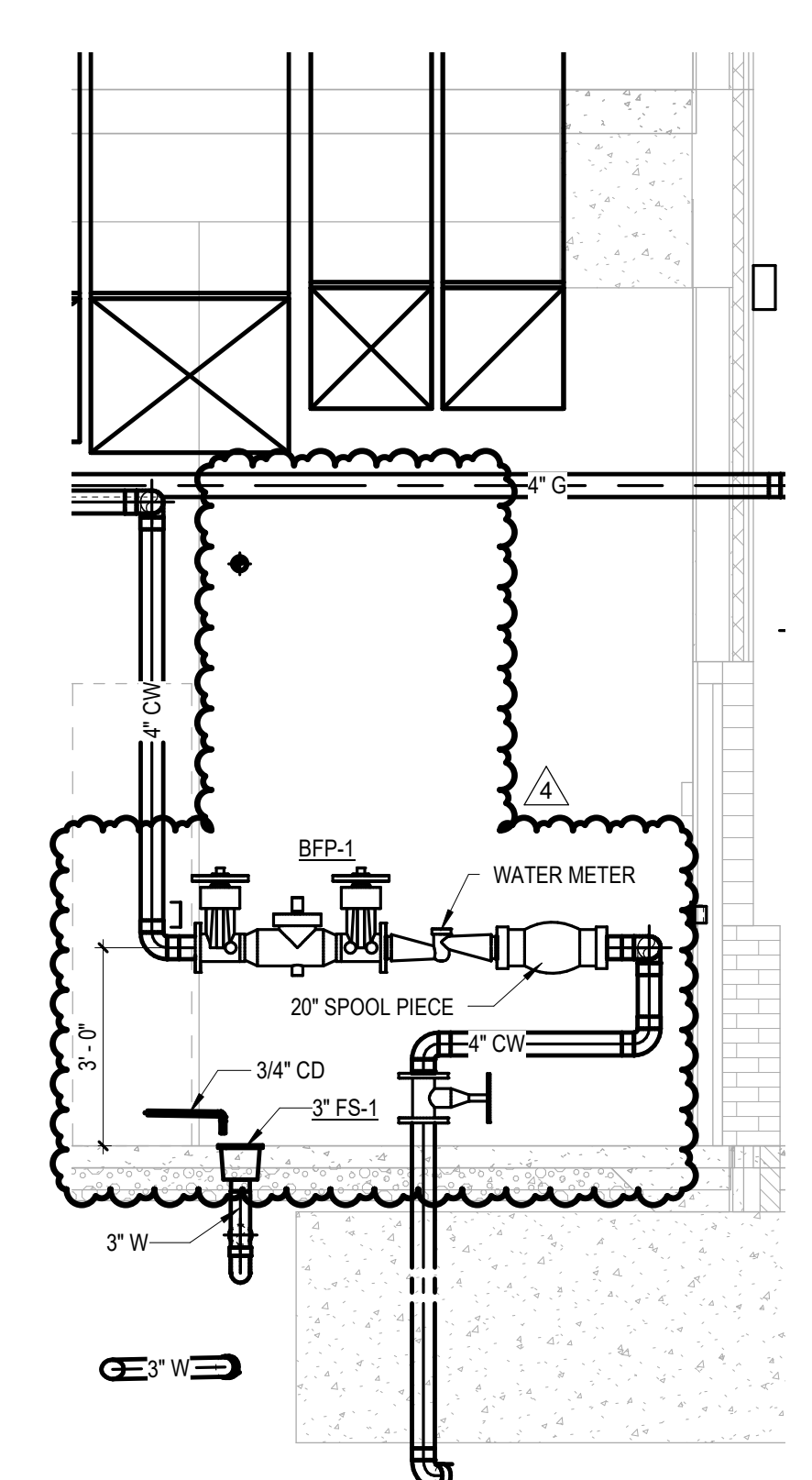
2 BLDG SERVICES (A123) ENLARGED PLUMBING PLAN  
P3.1.i SCALE: 3/8\"/>



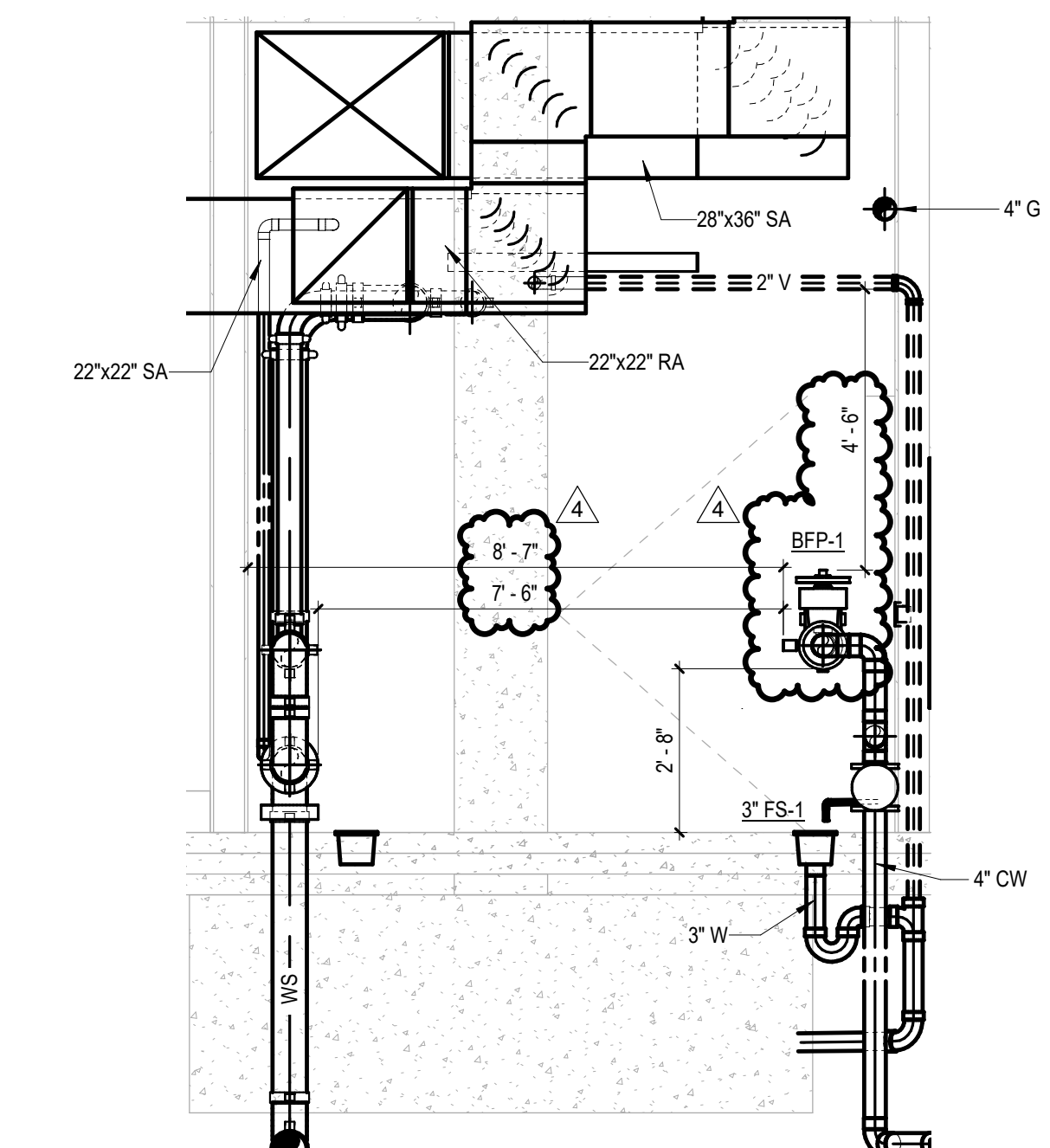
1 GAS METER SECTION  
P3.1.i SCALE: 1/4\"/>



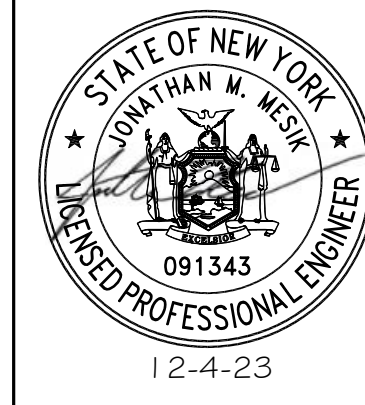
6 BACKFLOW PREVENTER ENLARGED PLAN  
P3.1.i SCALE: 1/2\"/>



4 DOMESTIC WATER BACKFLOW PREVENTER ELEVATION  
P3.1.i SCALE: 3/8\"/>



5 DOMESTIC WATER BACKFLOW PREVENTER SECTION  
P3.1.i SCALE: 3/8\"/>



**REBID DUTCHESS STADIUM NEW LEFT FIELD CLUBHOUSE, SEATING BOWL, & RESTROOM BUILDING**  
 OWNER: DUTCHESS COUNTY, 22 MARKET STREET Poughkeepsie, NY 12601  
 1500 ROUTE 90, FISHKILL, NY 12590

BID SET  
11.04.22

REVISIONS

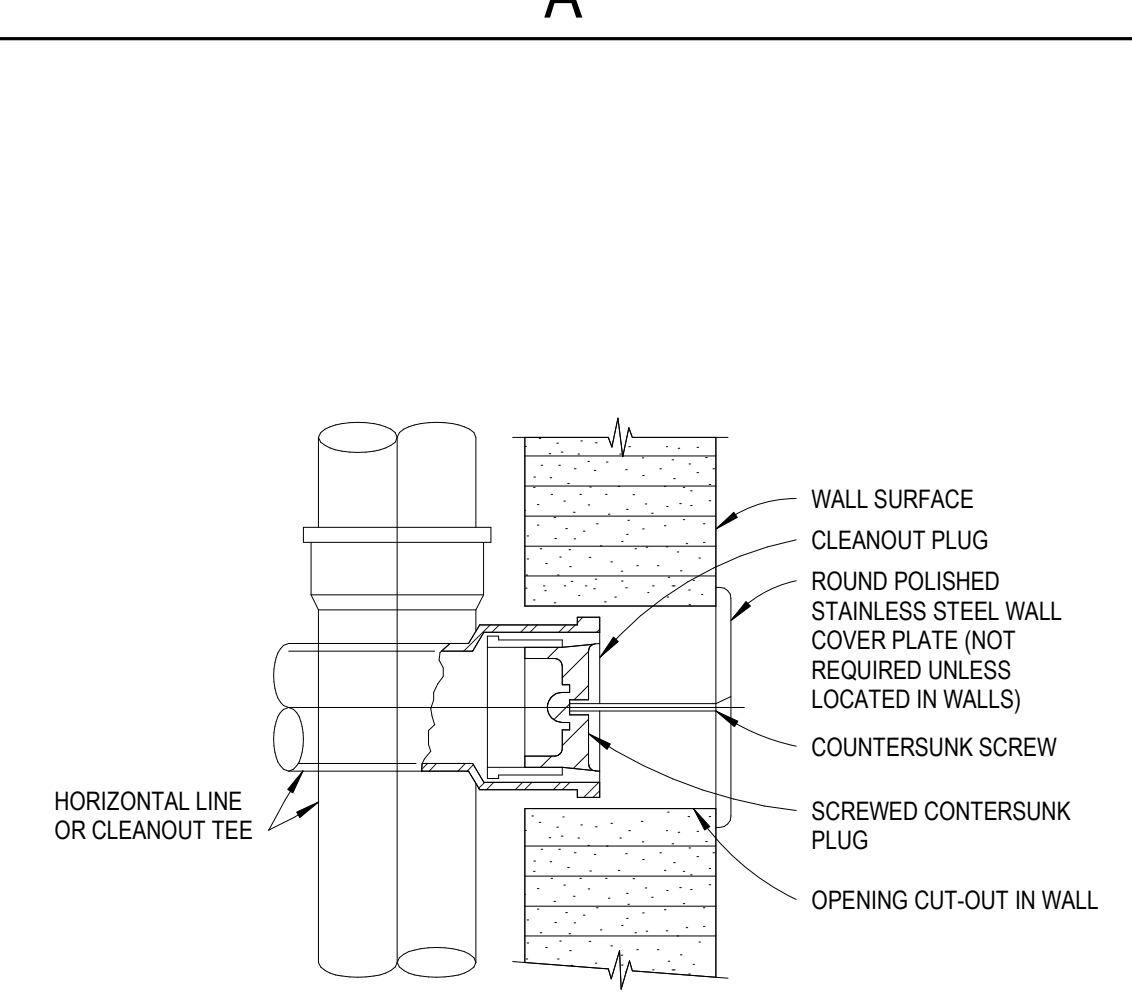
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2	PKG 2 - ASI 01	08.07.23
3	PKG 2 - ASI 11	11.07.23
4	PKG 2 - ASI 12	12.04.23

57-21113-00  
 ENLARGED PLUMBING PLANS AND SECTIONS

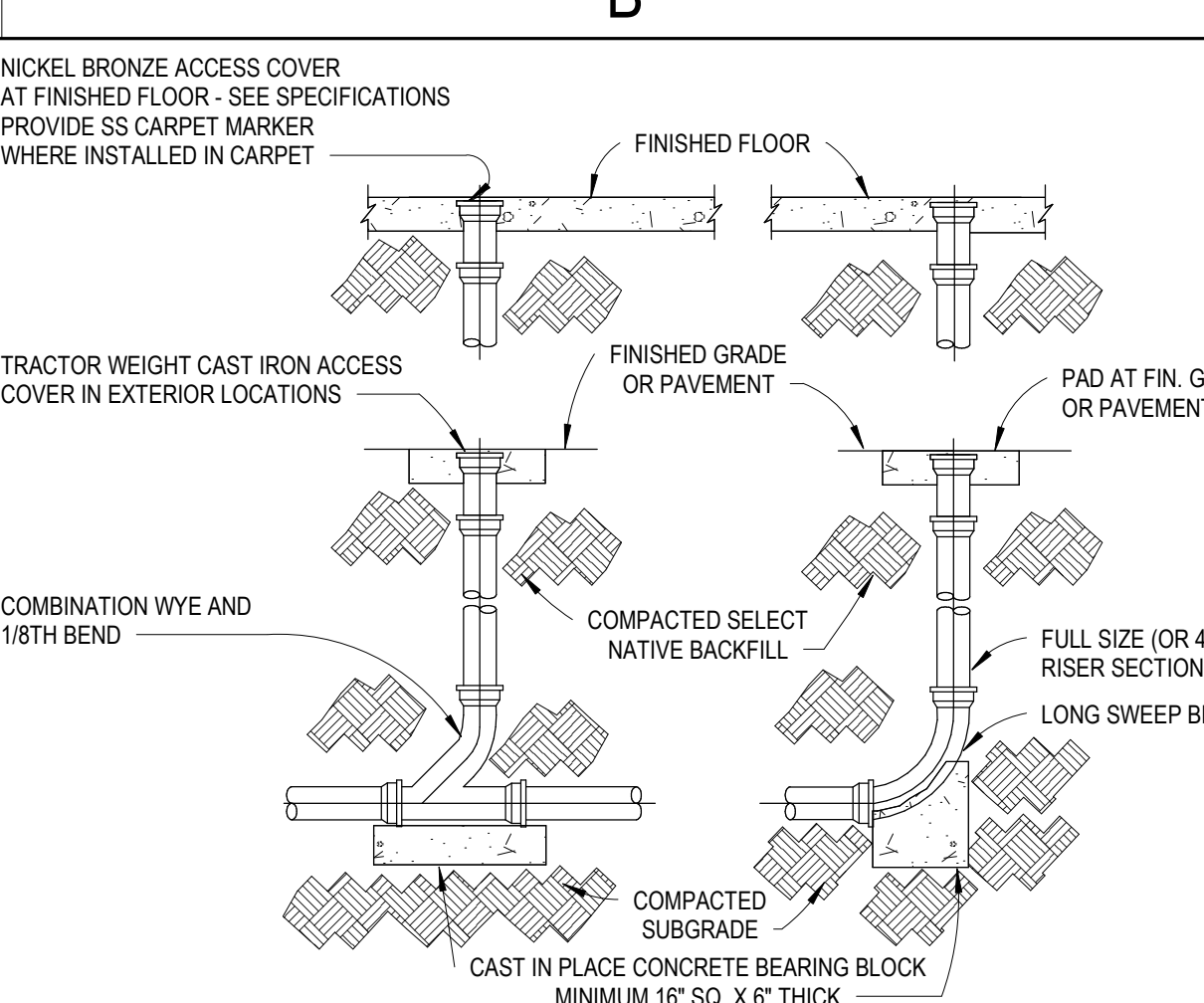
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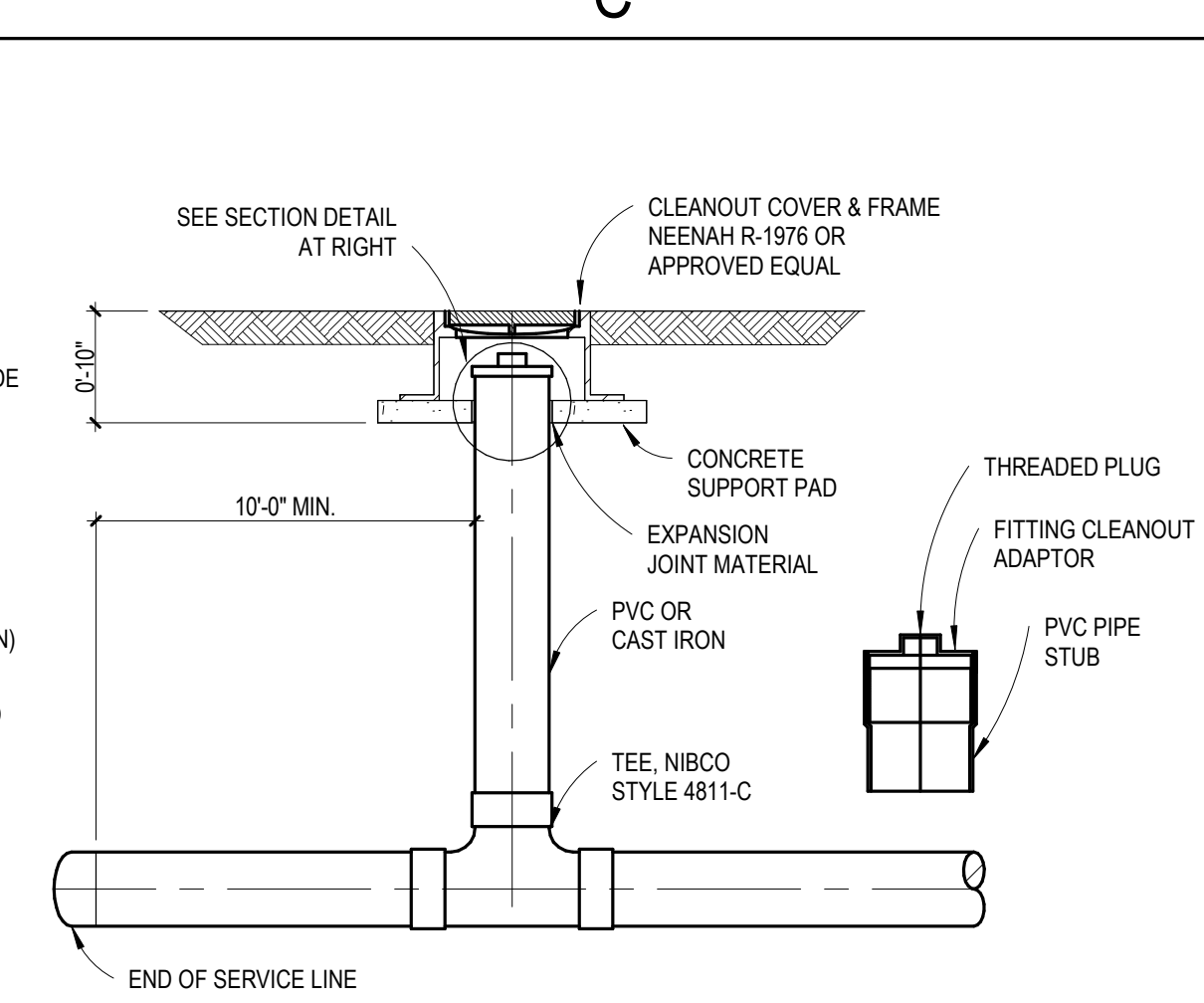
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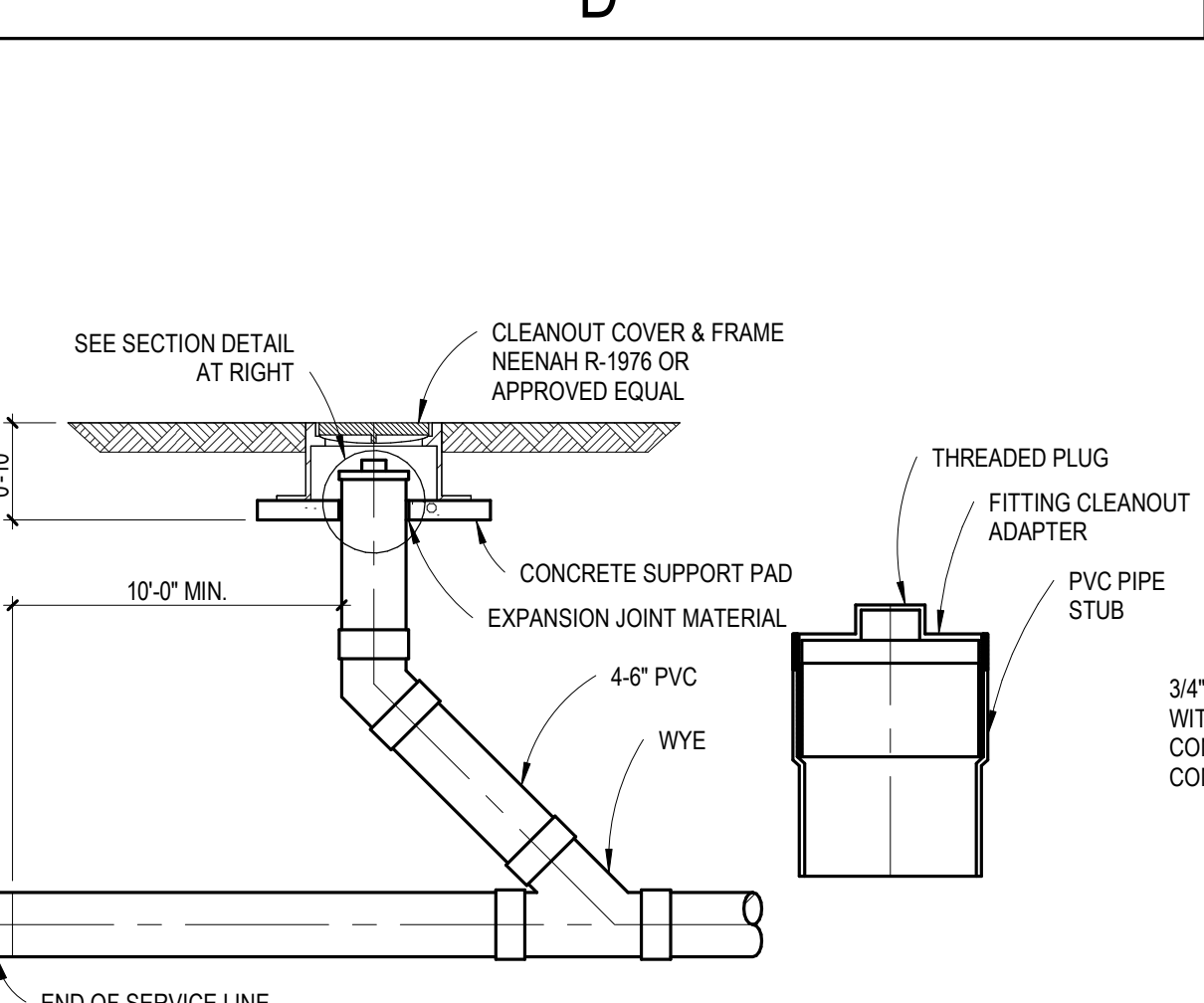
1A WALL CLEANOUT DETAIL  
P5.1.ii NO SCALE



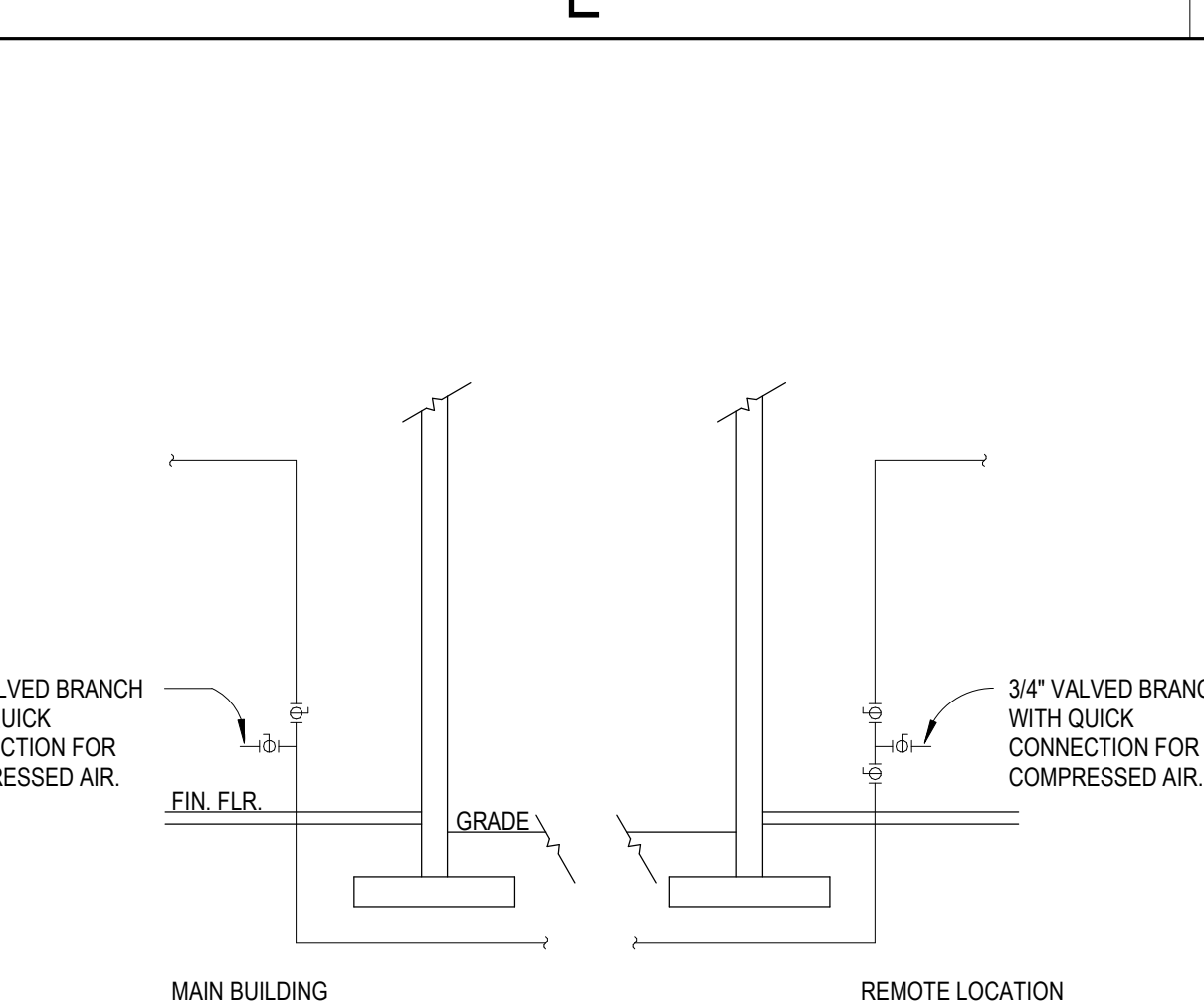
1B CLEANOUT DETAILS  
P5.1.ii NO SCALE



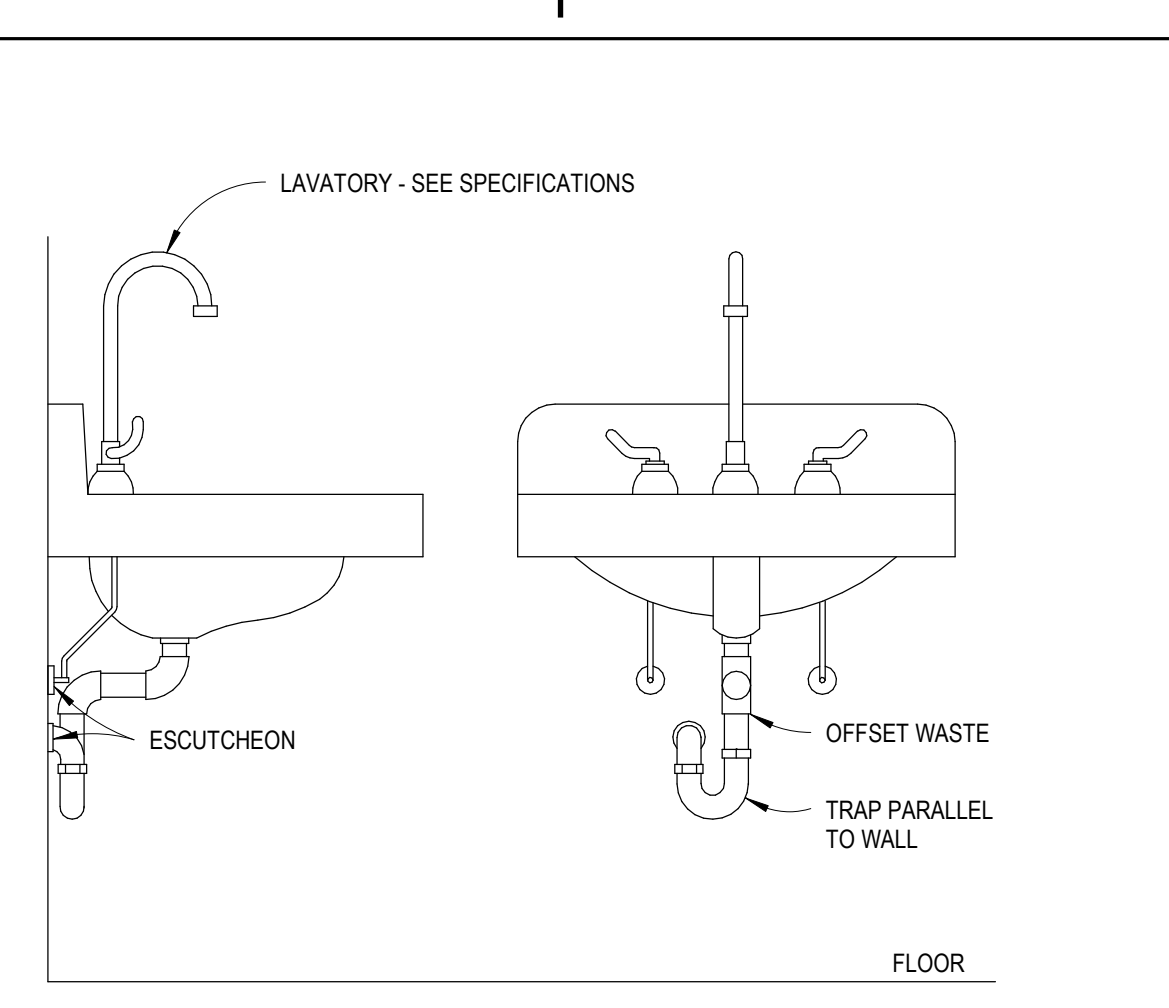
1C FINISHED GRADE 2-WAY CLEANOUT DETAIL  
P5.1.ii NO SCALE



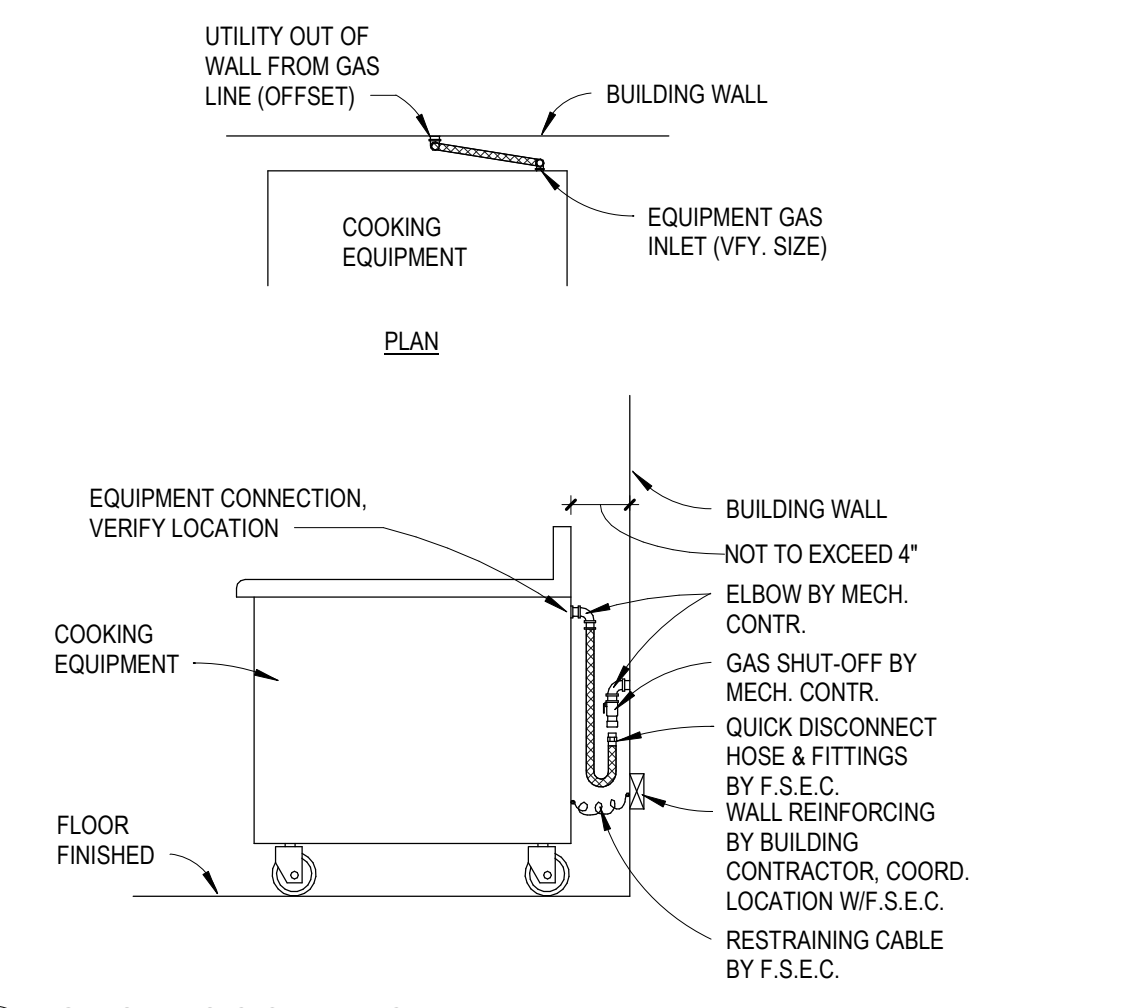
1D FINISHED FLOOR CLEANOUT DETAIL  
P5.1.ii NO SCALE



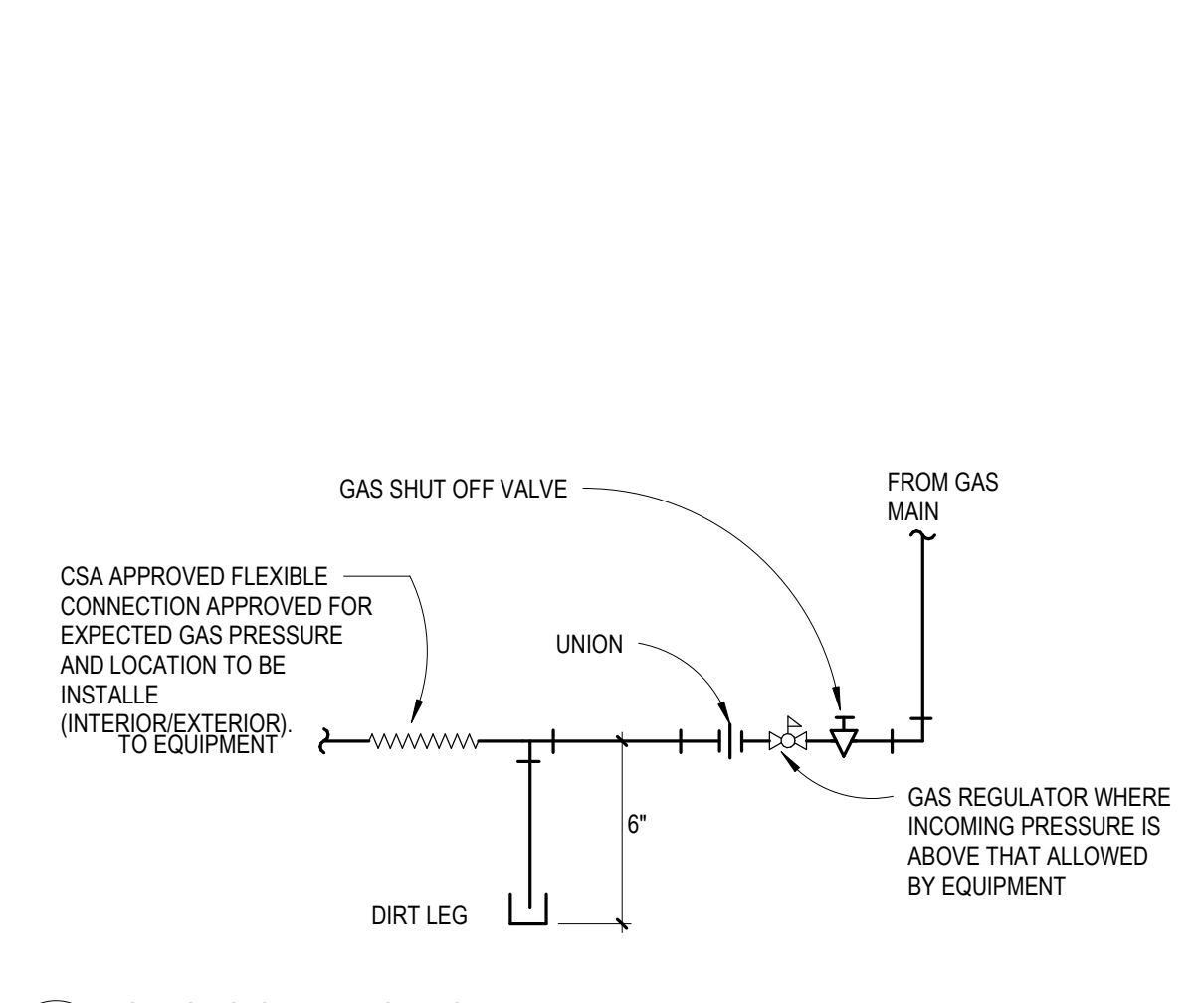
1E BLOW DOWN CONNECTION DETAIL  
P5.1.ii NO SCALE



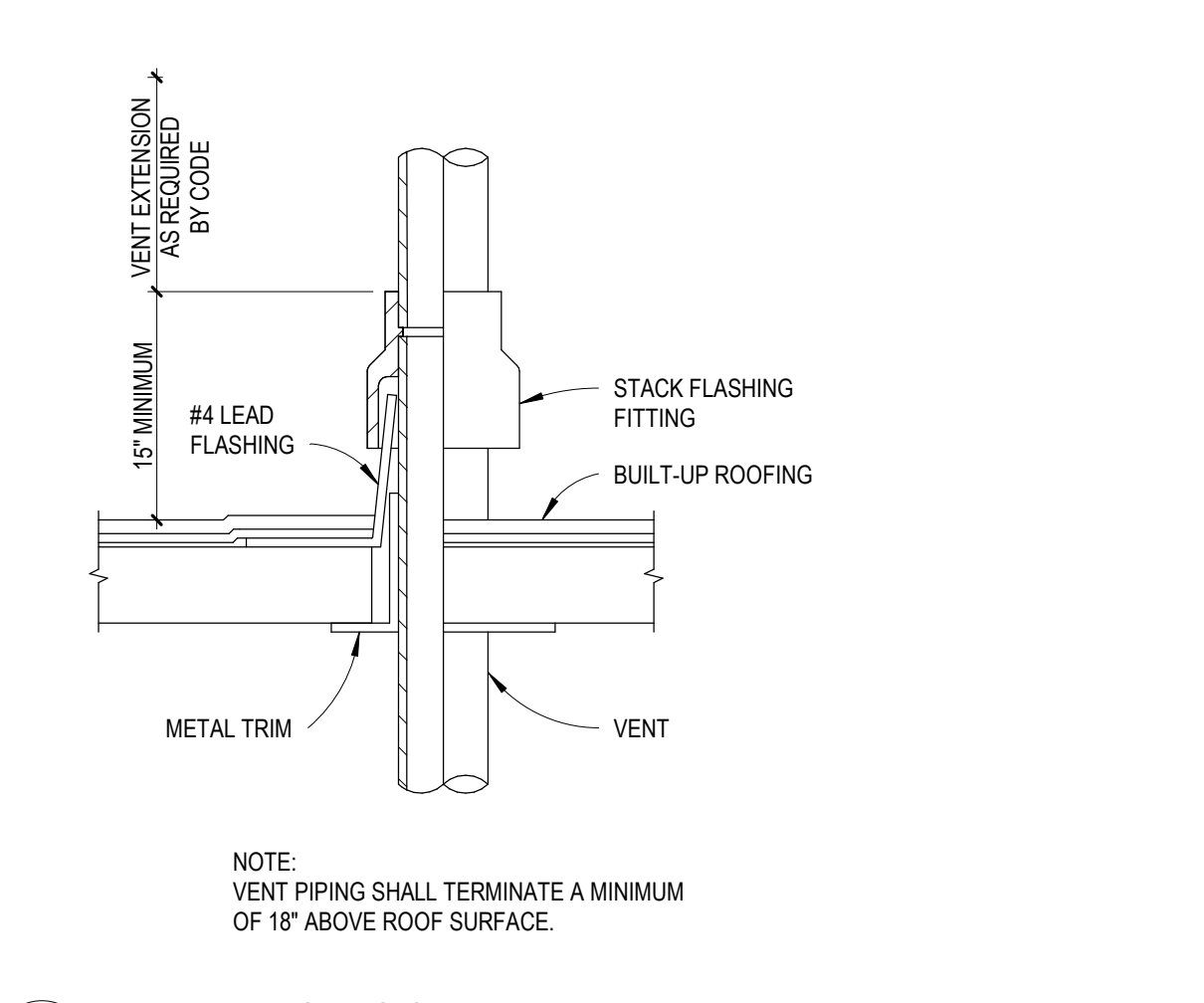
1F ADA ACCESSIBLE LAVATORY DETAIL  
P5.1.ii NO SCALE



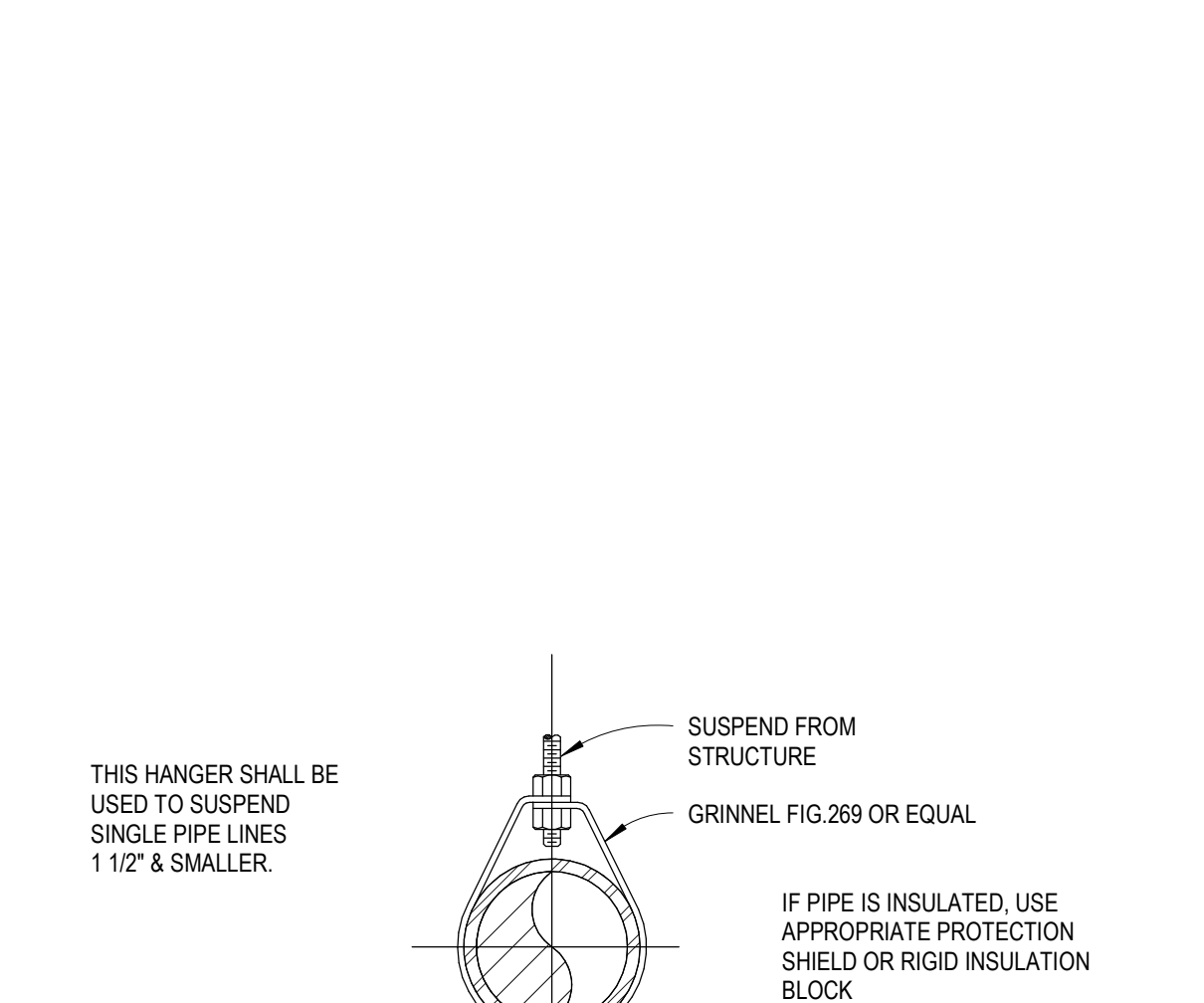
2A GAS DISCONNECT DETAIL  
P5.1.ii NO SCALE



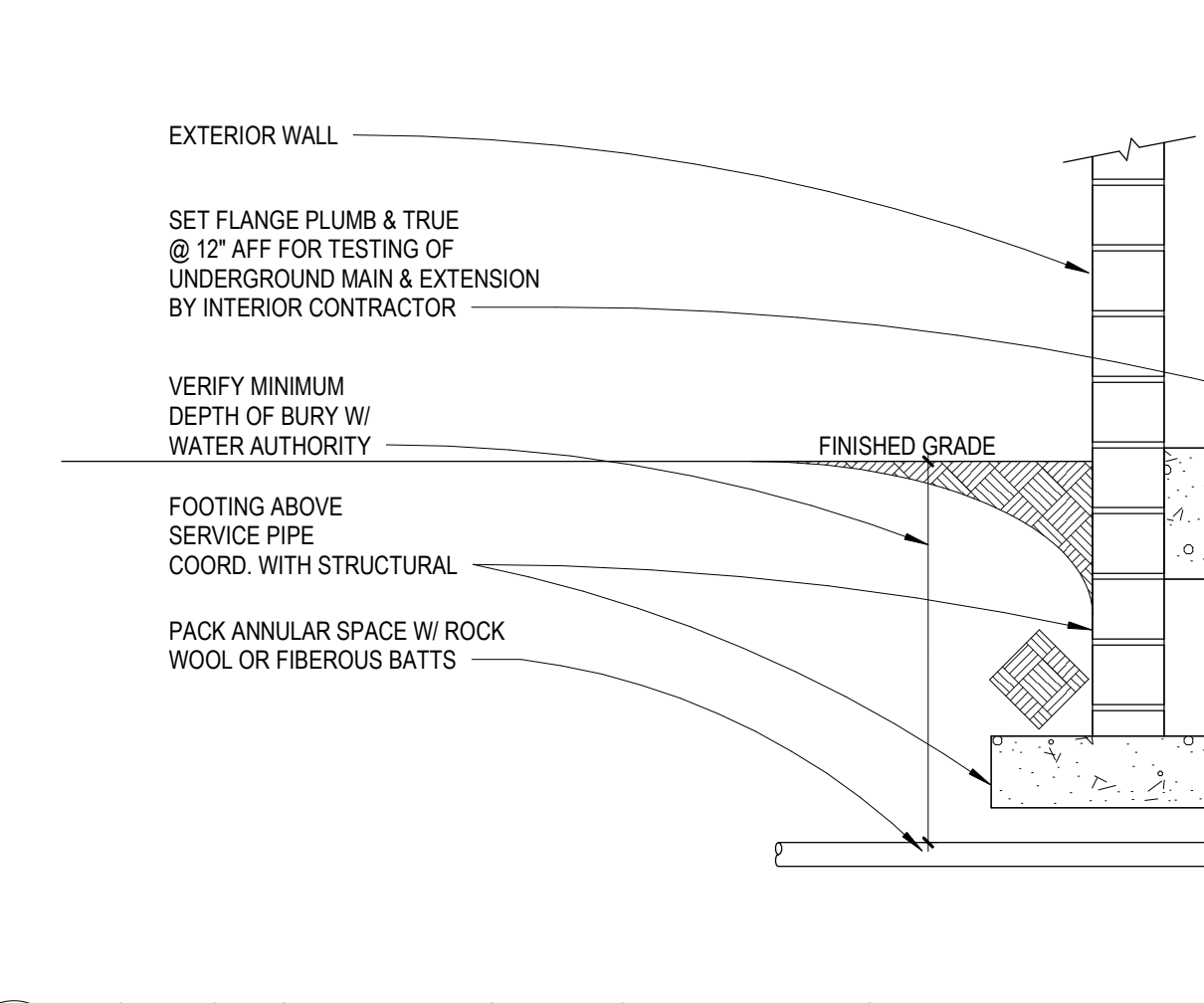
2B GAS CONNECTION DETAIL  
P5.1.ii NO SCALE



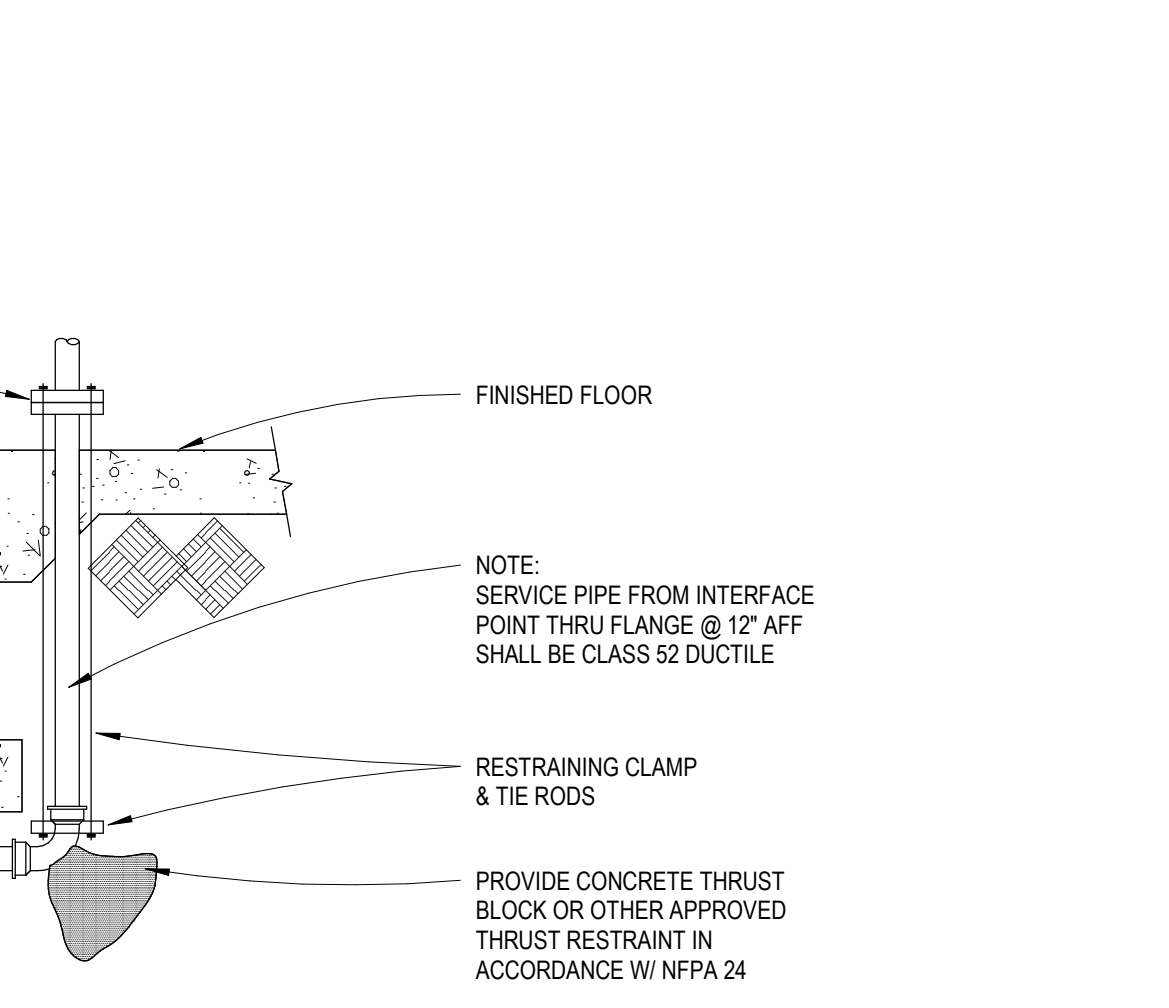
2C PLUMBING ROOF VENT DETAIL  
P5.1.ii NO SCALE



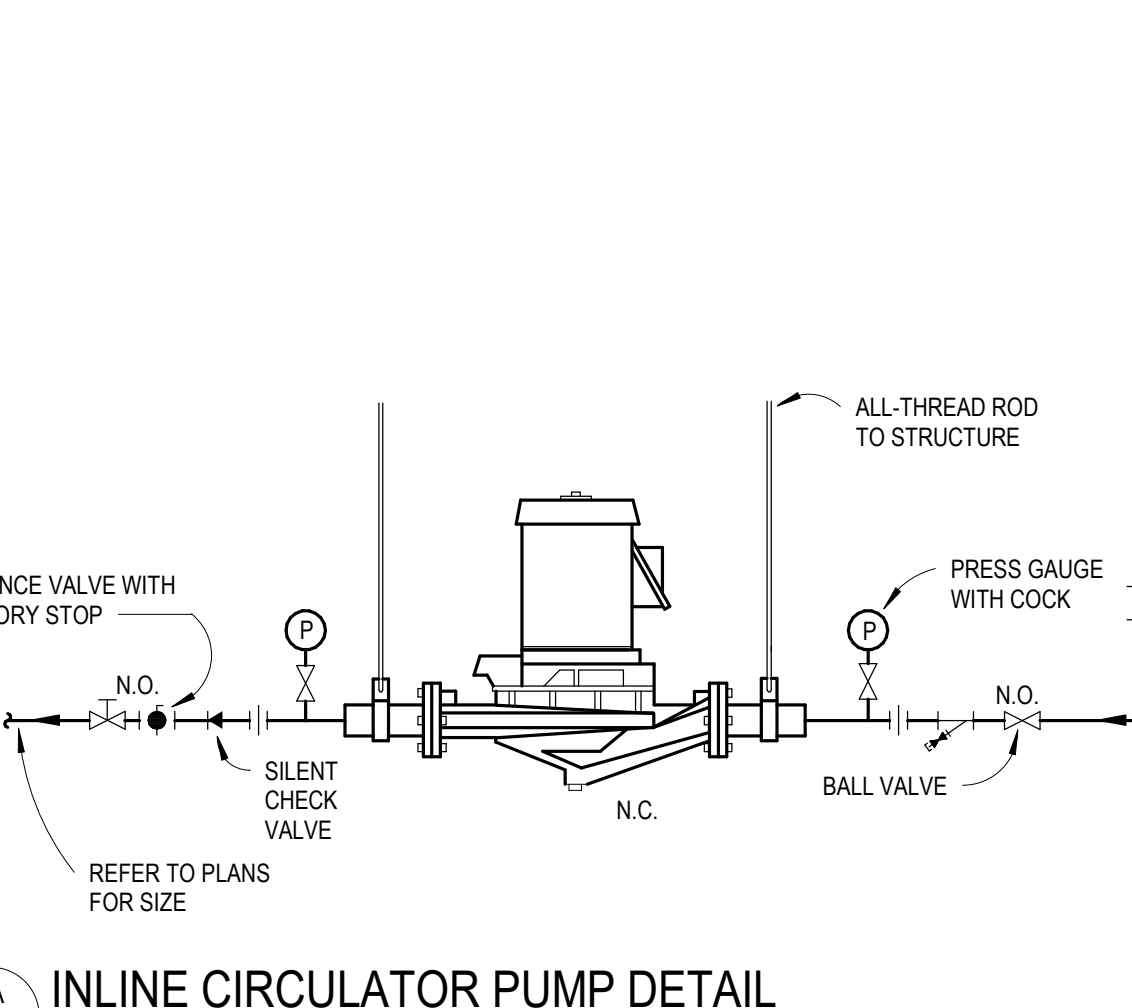
2D HANGER SUPPORT DETAIL  
P5.1.ii NO SCALE



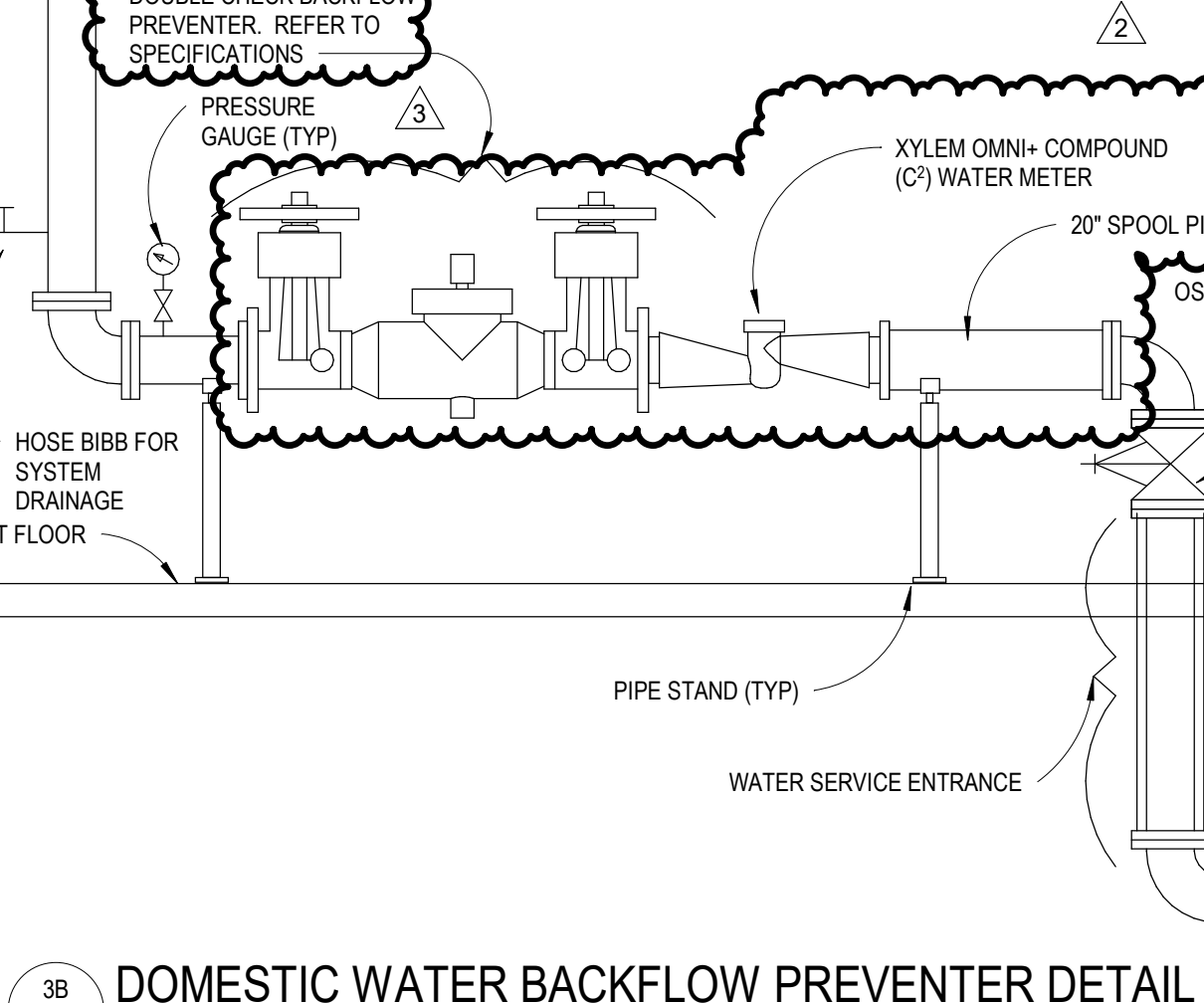
2E DOMESTIC WATER SERVICE ENTRANCE DETAIL  
P5.1.ii NO SCALE



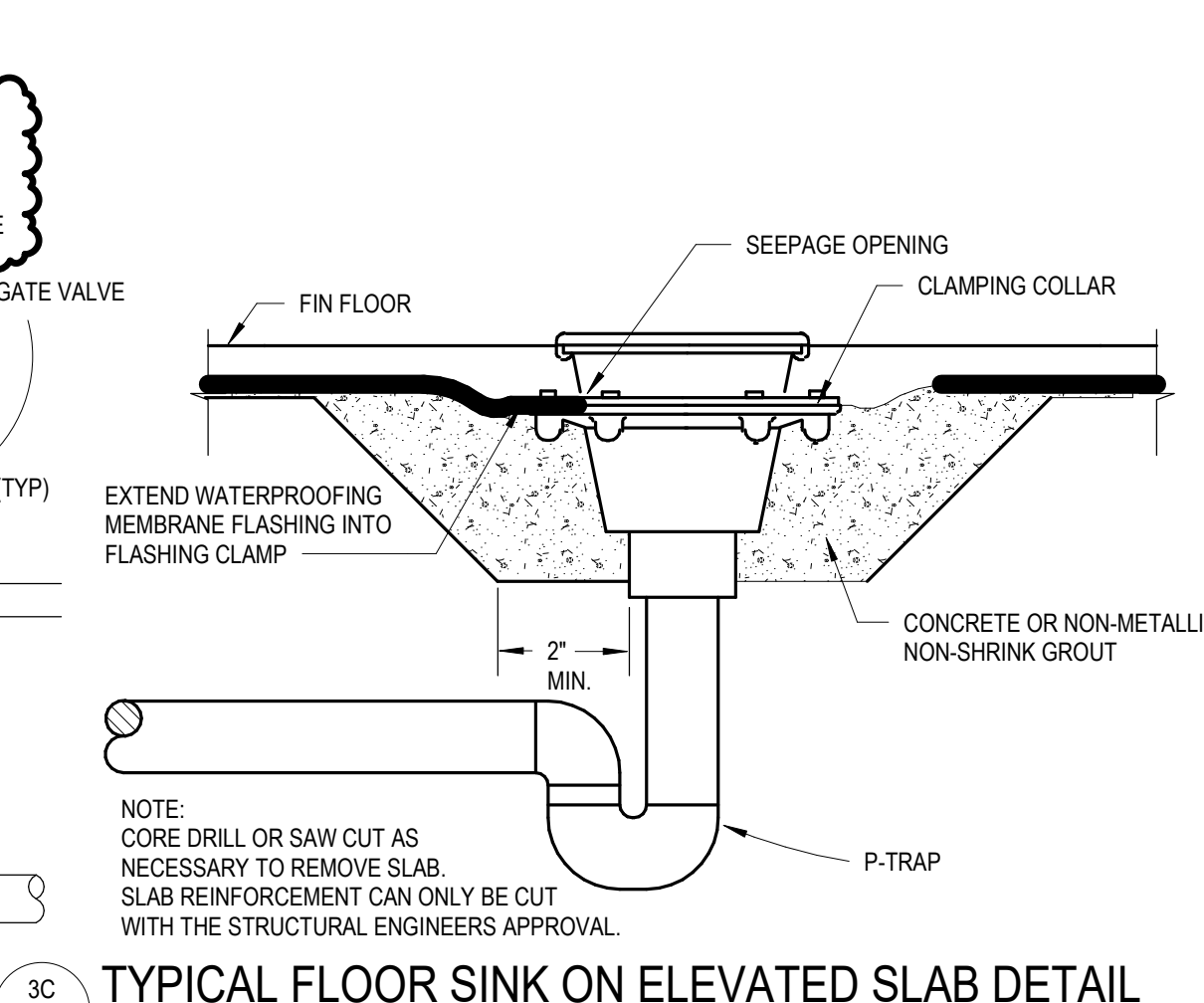
2F TYP. FLOOR DRAIN DETAIL SLAB ON GRADE DETAIL  
P5.1.ii NO SCALE



3A INLINE CIRCULATOR PUMP DETAIL  
P5.1.ii NO SCALE



3B DOMESTIC WATER BACKFLOW PREVENTER DETAIL  
P5.1.ii NO SCALE

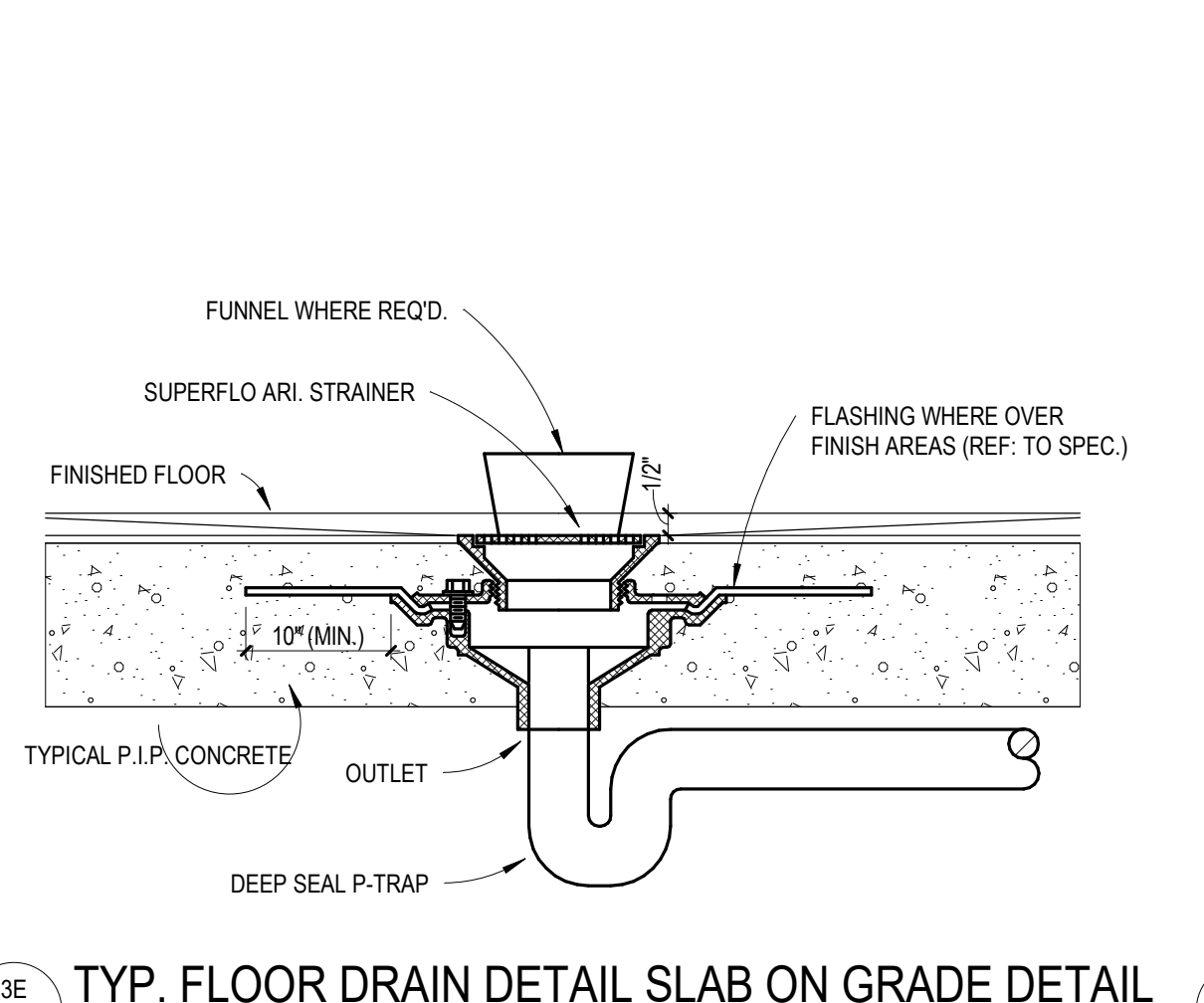


3C TYPICAL FLOOR SINK ON ELEVATED SLAB DETAIL  
P5.1.ii NO SCALE

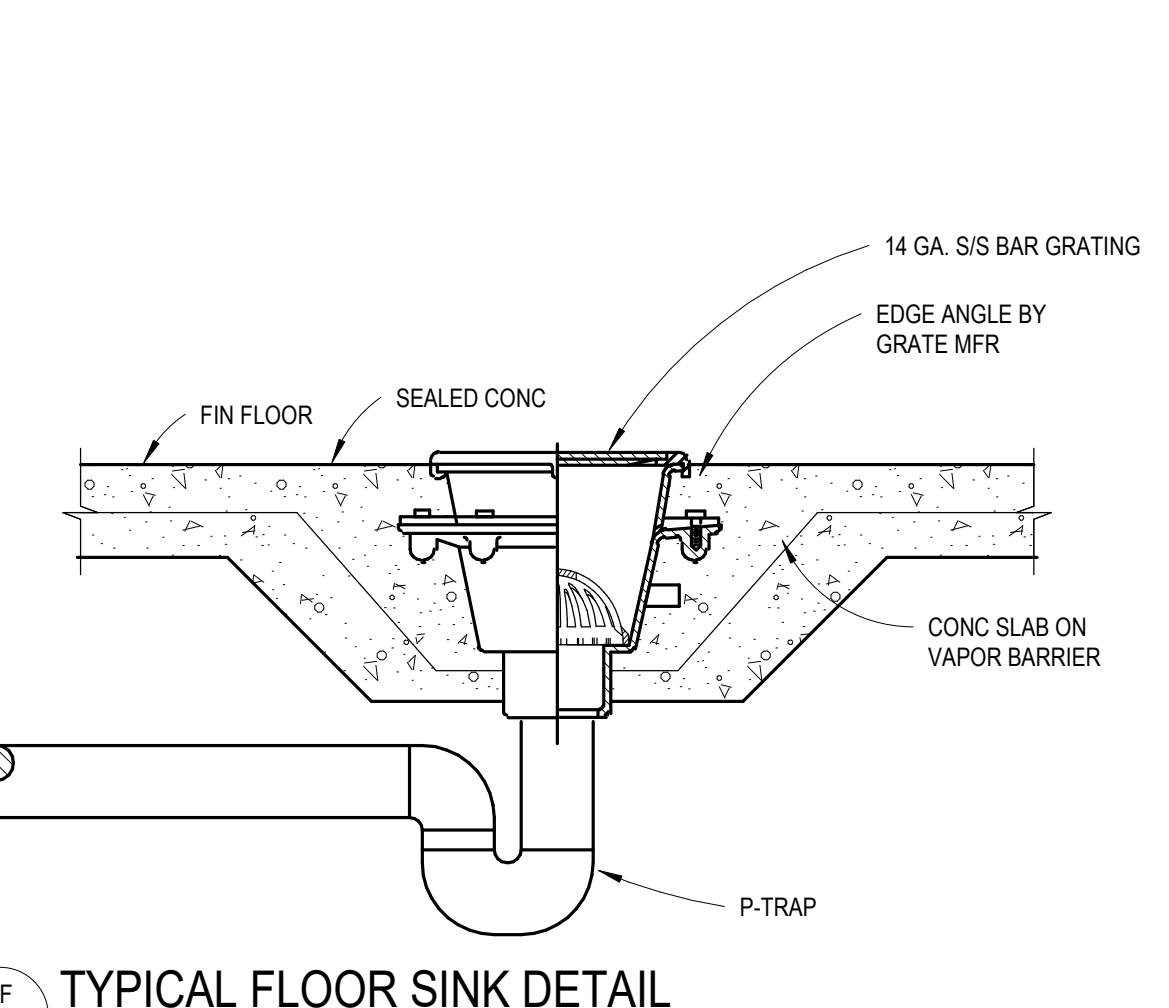
IPC TABLE 308.5

PIPING MATERIAL	MAXIMUM HORIZONTAL SPACING (FEET)	MAXIMUM VERTICAL SPACING (FEET)
ABS PIPE	4	10 (b)
CAST-IRON PIPE	5 (a)	15
COPPER OR COPPER-ALLOY PIPE	12	10
COPPER OR COPPER-ALLOY TUBING 1-1/4" DIAMETER AND SMALLER	6	10
COPPER OR COPPER-ALLOY TUBING 1-1/2" DIAMETER AND LARGER	10	10
CROSS-LINKED POLYETHYLENE (PEX) PIPE (c)	2.67 (32')	10 (b)
CPVC PIPE OR TUBING 1" DIAMETER AND SMALLER	3	10 (b)
CPVC PIPE OR TUBING 1-1/4" DIAMETER AND LARGER	4	10 (b)
STEEL PIPE	12	15
POLYPROPYLENE PIPE OR TUBING 1" DIAMETER AND SMALLER	4	10 (b)
POLYPROPYLENE PIPE OR TUBING 1-1/4" DIAMETER AND LARGER	4	10 (b)
PVC PIPE	4	10 (b)

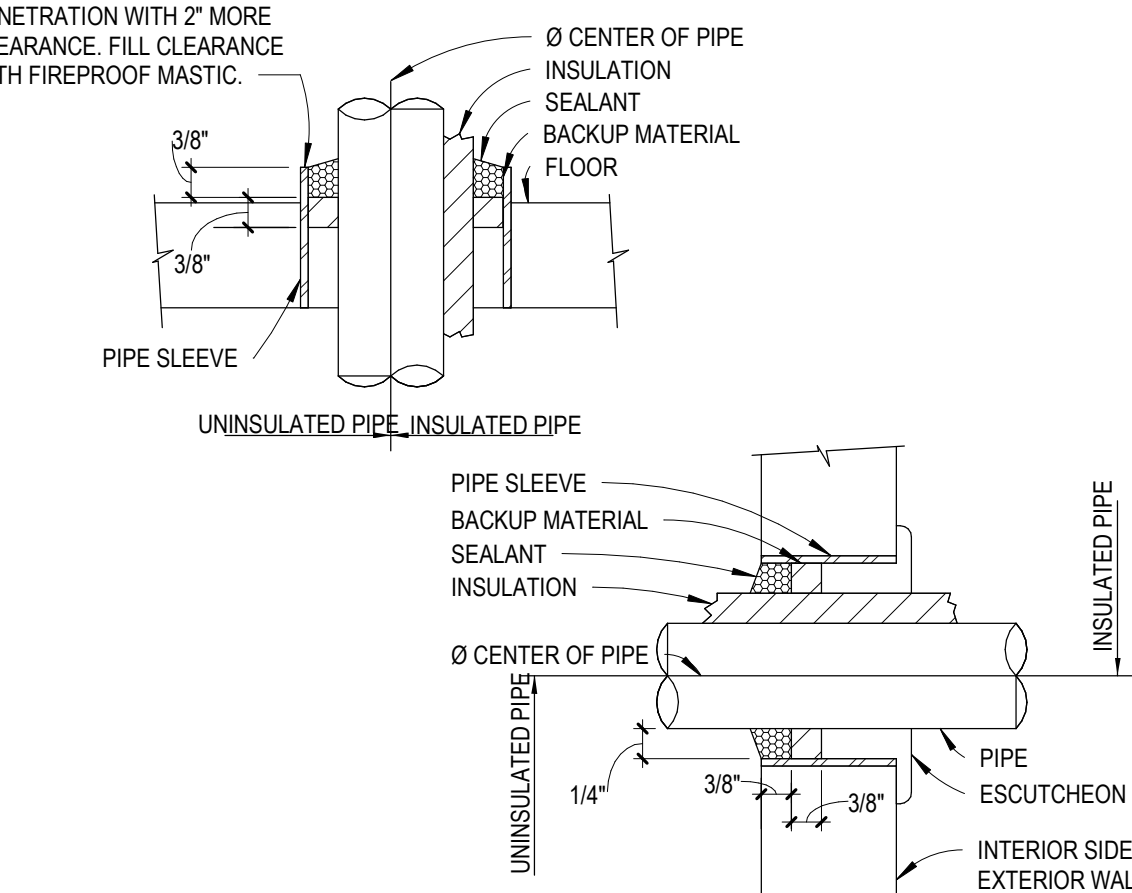
3C TYPICAL FLOOR SINK ON ELEVATED SLAB DETAIL  
P5.1.ii NO SCALE



3D TYP. FLOOR DRAIN DETAIL ELEVATED SLAB DETAIL  
P5.1.ii NO SCALE



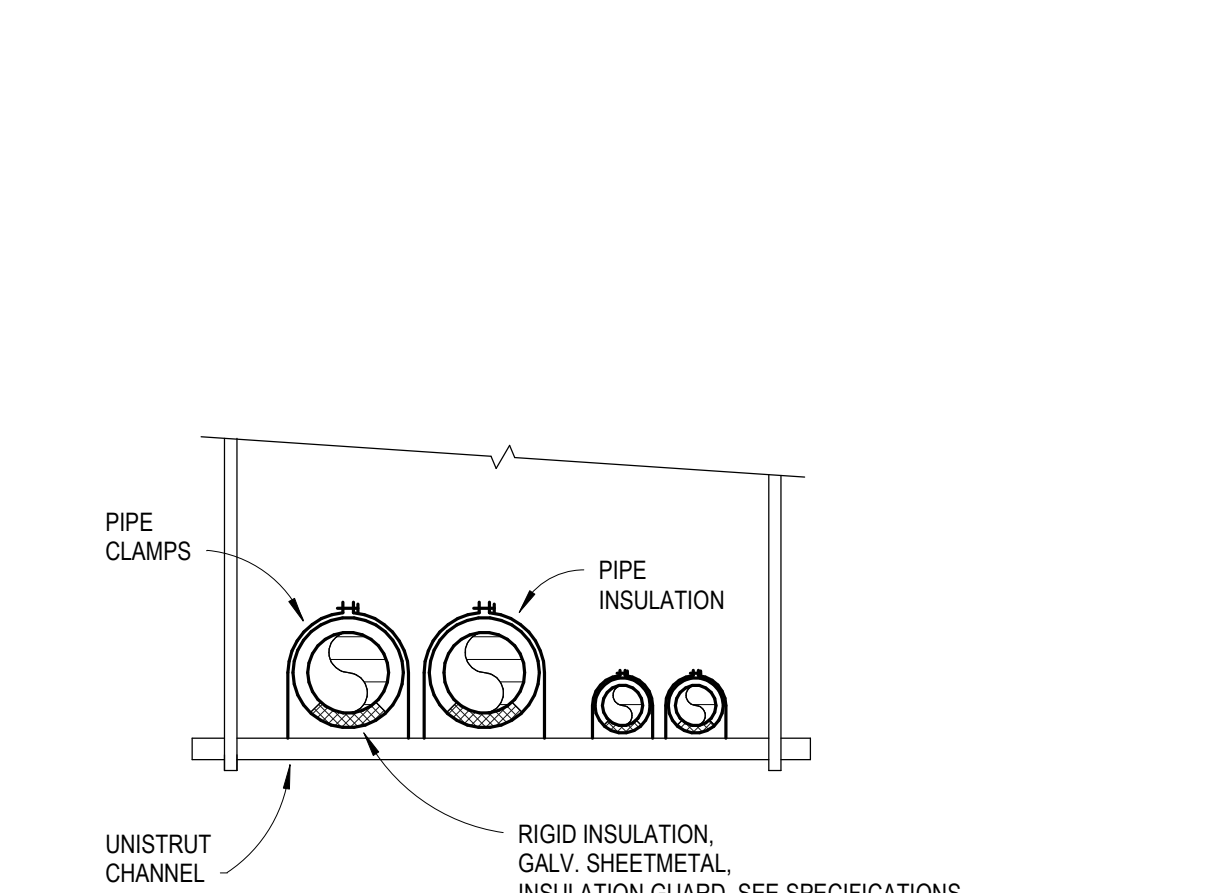
3E TYP. FLOOR DRAIN DETAIL ELEVATED SLAB DETAIL  
P5.1.ii NO SCALE



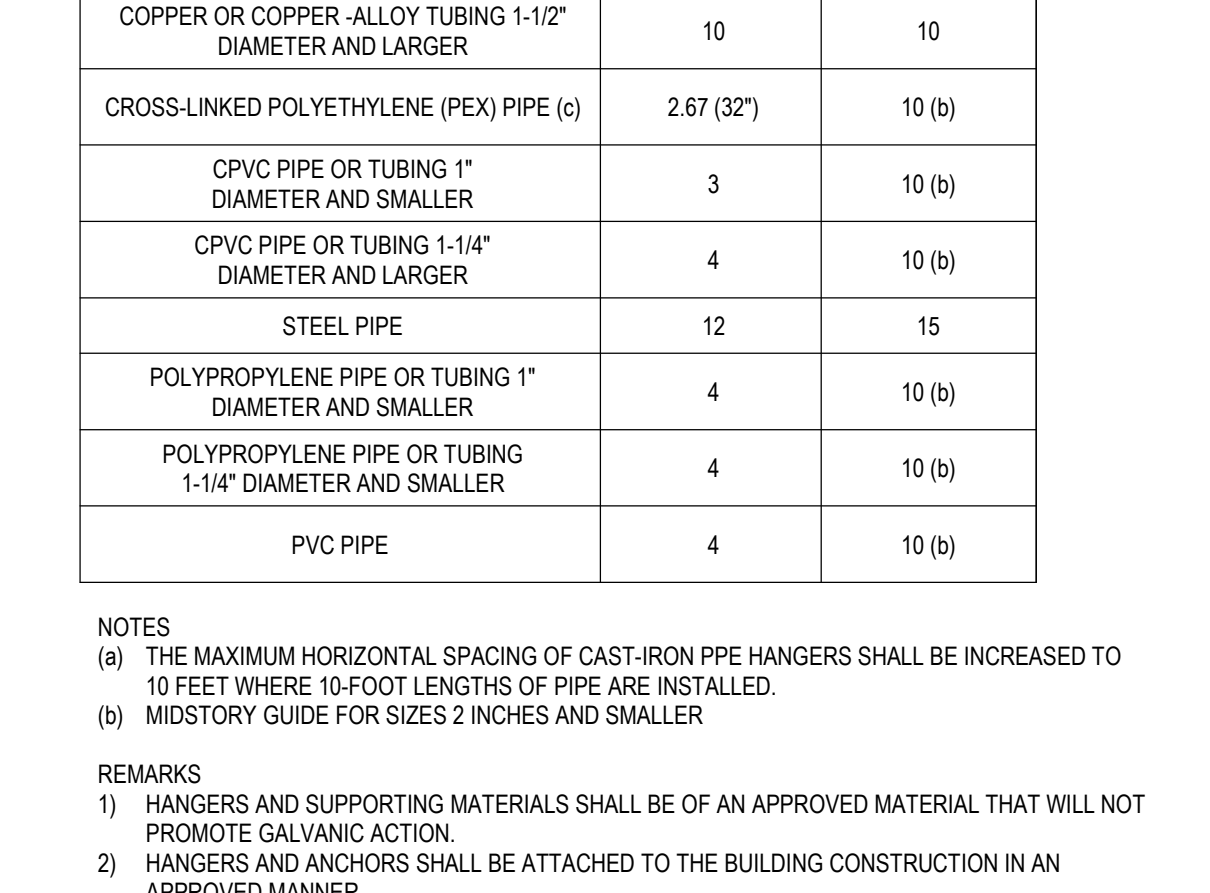
4A PIPE PENETRATIONS DETAIL  
P5.1.ii NO SCALE



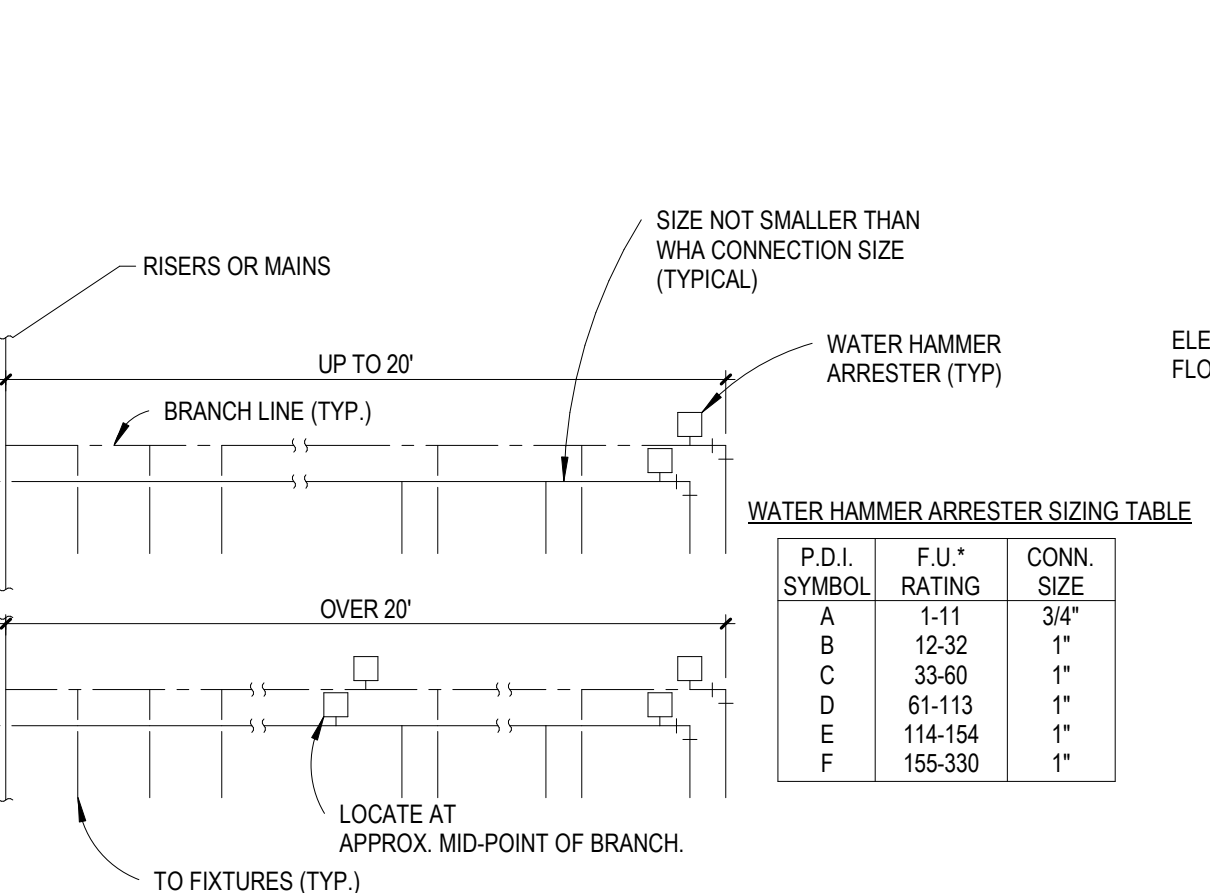
4B TYPICAL FLOOR SINK ON ELEVATED SLAB DETAIL  
P5.1.ii NO SCALE



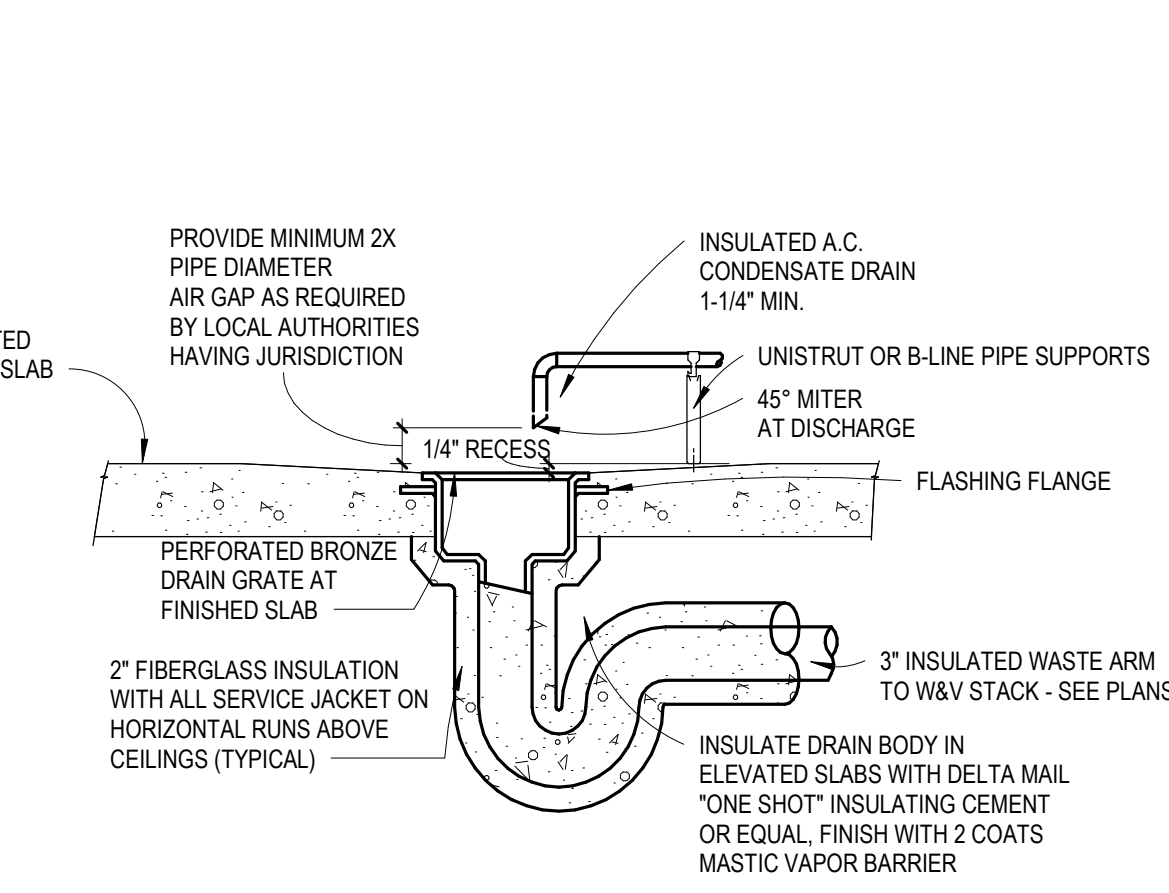
4C TRAPEZE HANGER DETAIL  
P5.1.ii NO SCALE



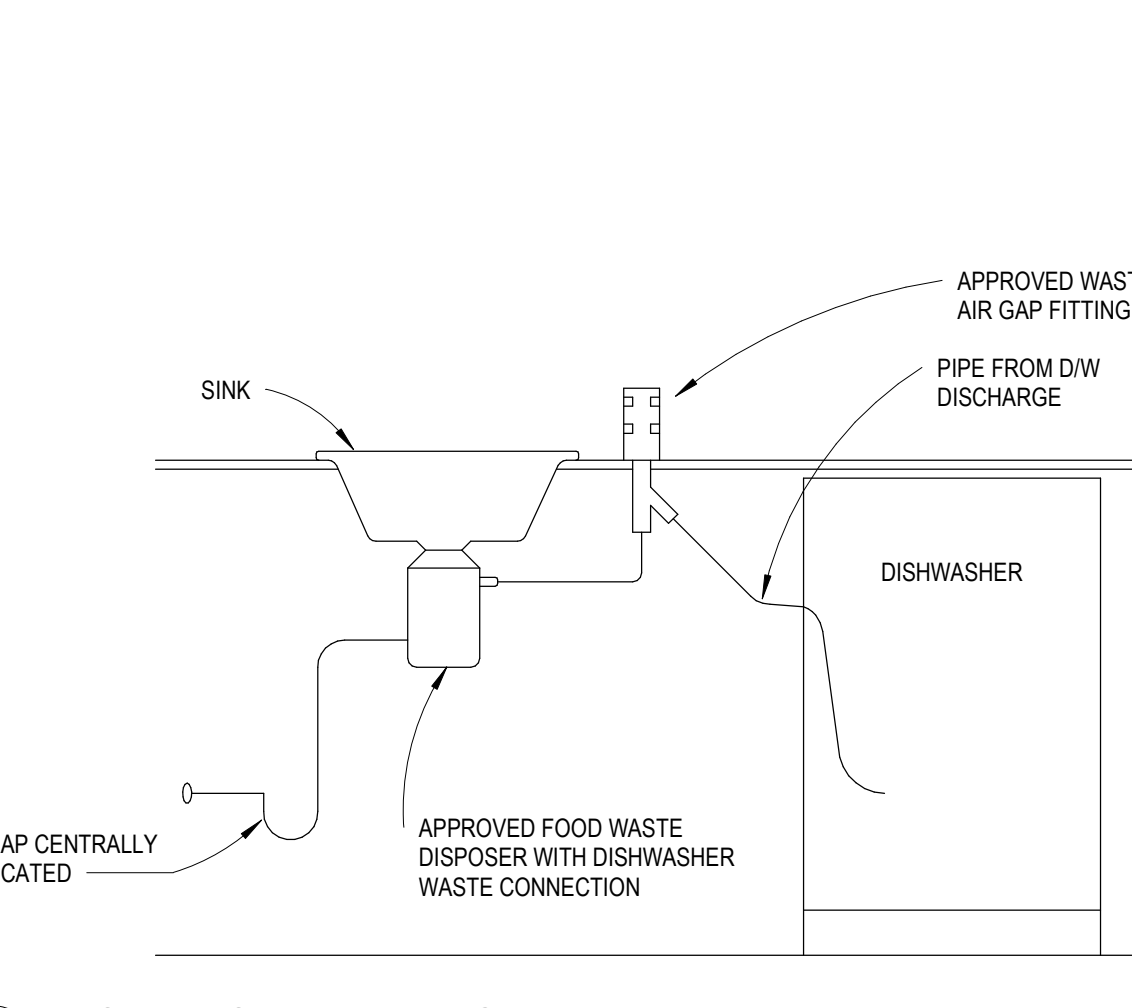
4D PIPE HANGER SUPPORT DETAIL  
P5.1.ii NO SCALE



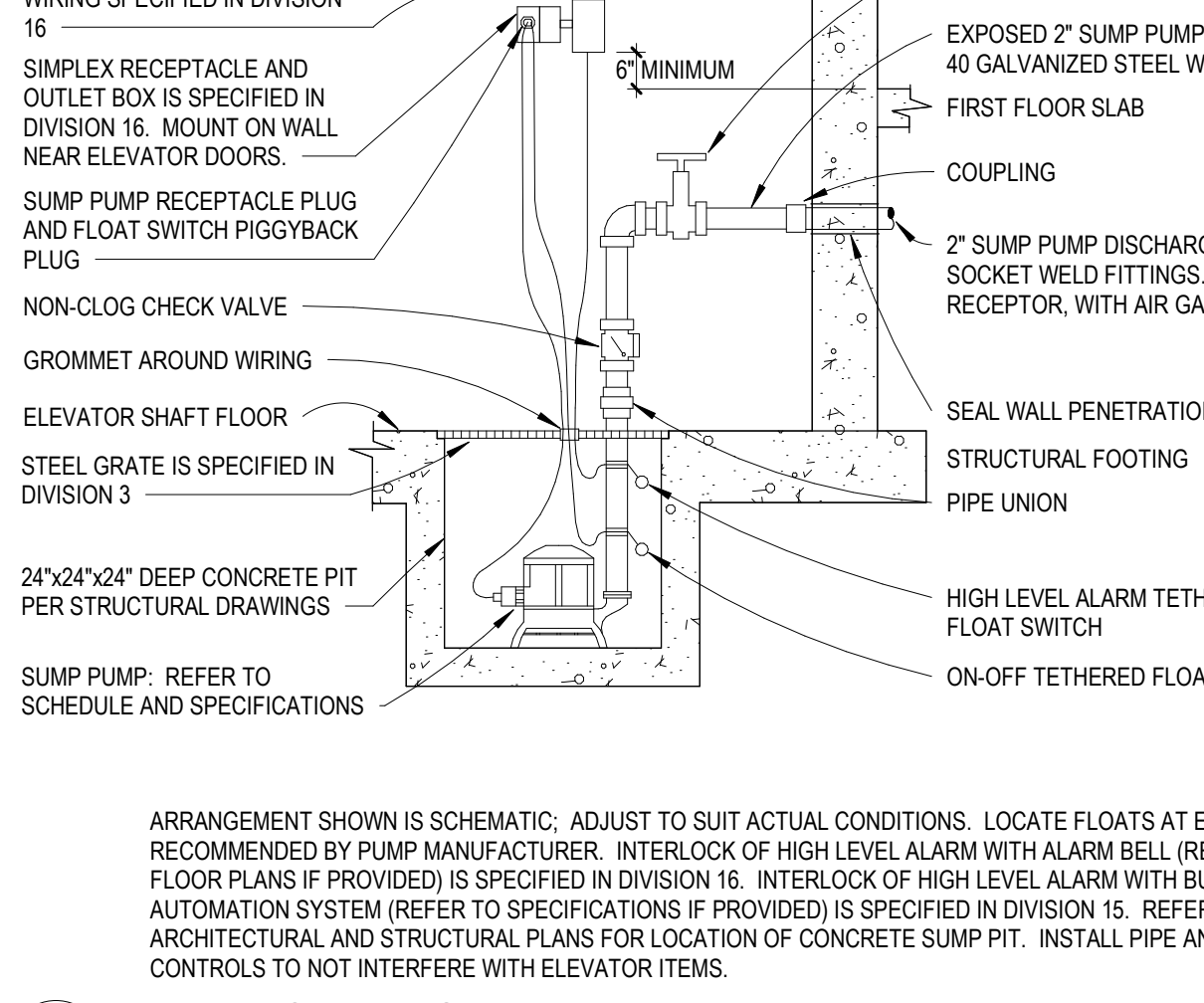
4E WATER HAMMER ARRESTOR DETAIL  
P5.1.ii NO SCALE



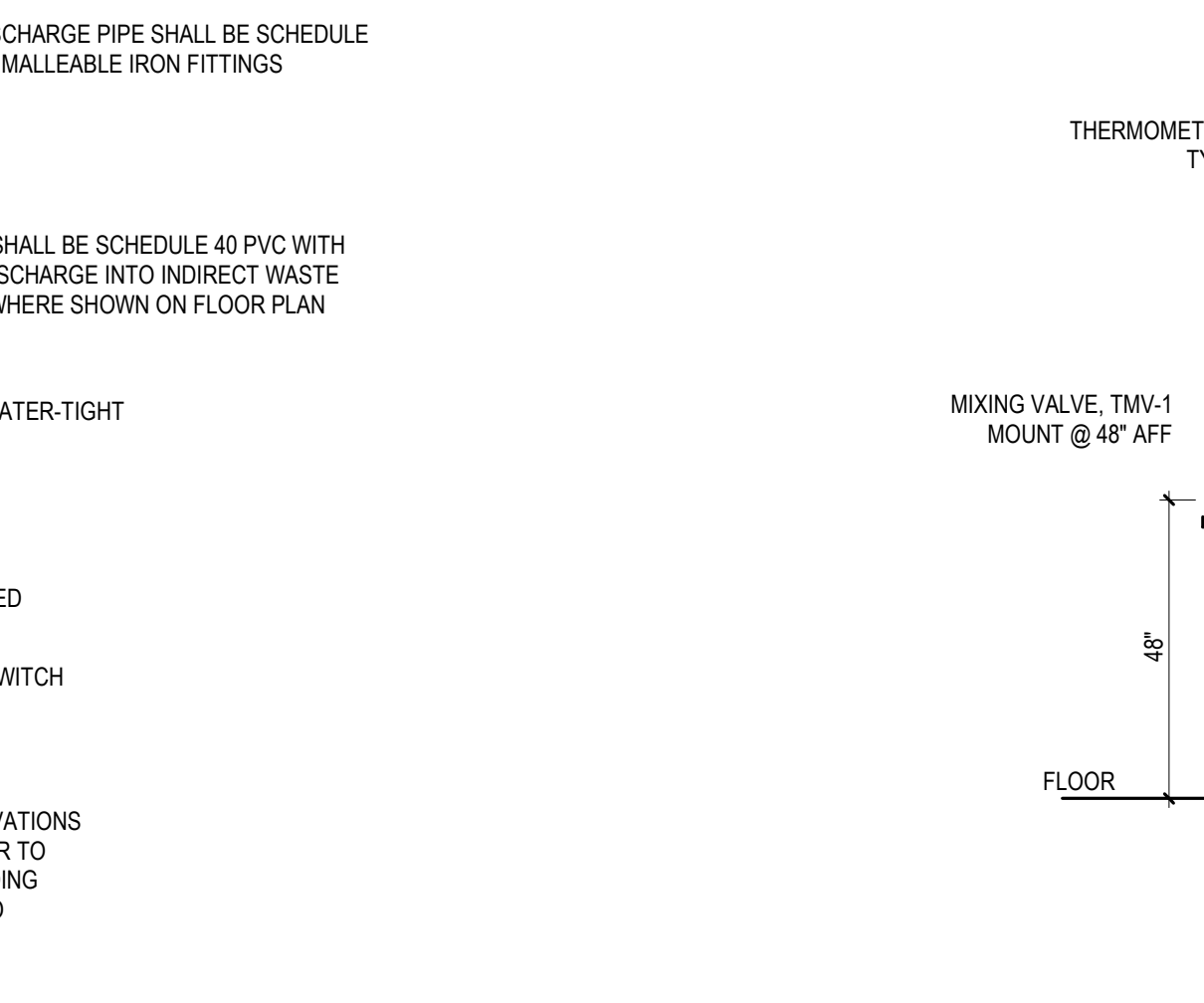
4F TYP. FLOOR DRAIN DETAIL ELEVATED SLAB DETAIL  
P5.1.ii NO SCALE



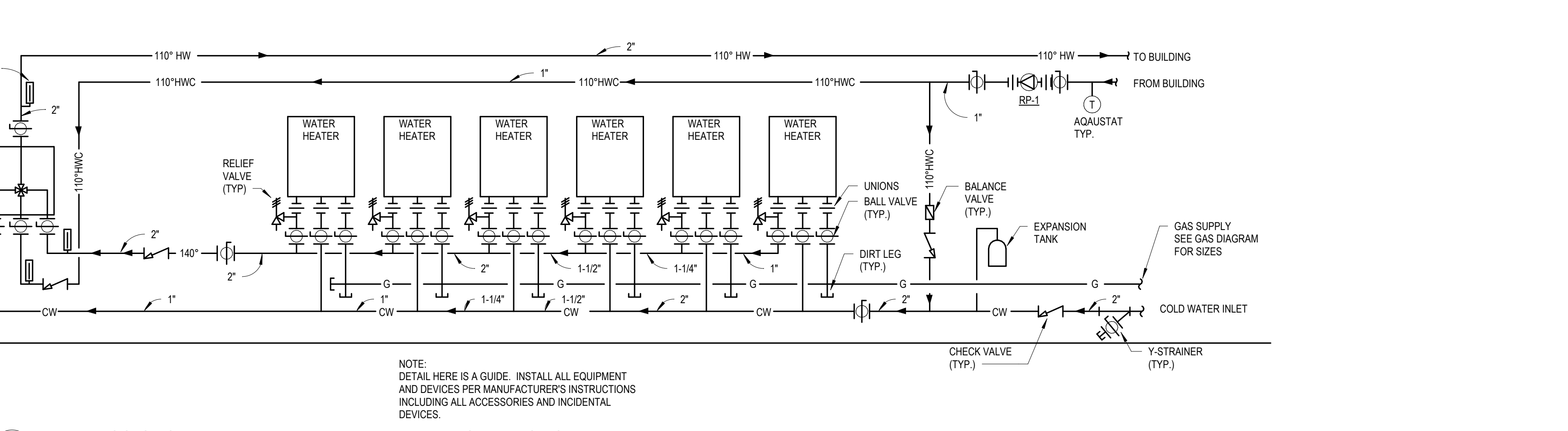
5A DISHWASHER PIPING DETAIL  
P5.1.ii NO SCALE



5B ELEVATOR PIT SUMP PUMP DETAIL  
P5.1.ii NO SCALE



5C TYPICAL FLOOR SINK ON ELEVATED SLAB DETAIL  
P5.1.ii NO SCALE



5D TANKLESS GAS WATER HEATER DETAIL - NEW CLUBHOUSE  
P5.1.ii NO SCALE



