

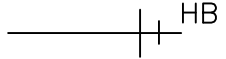

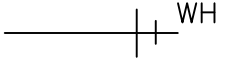

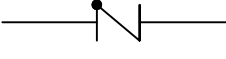

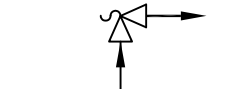

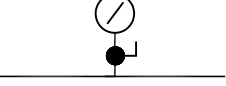

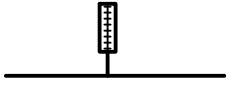

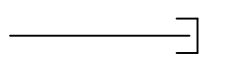
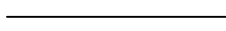


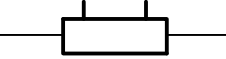

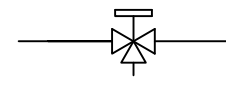
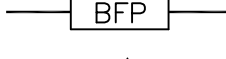
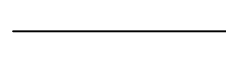
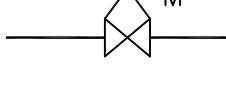

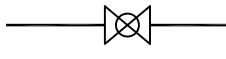
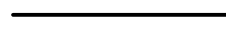




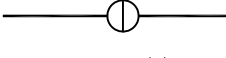
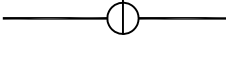
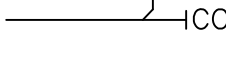
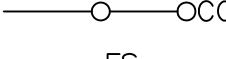
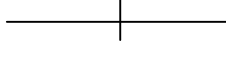

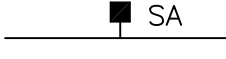
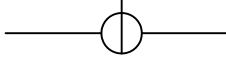


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ABBREVIATIONS				GENERAL NOTES	LIST OF DRAWINGS	TESD CONESTOGA ATHLETIC FIELDS
AB	ABANDONED	R	REMOVE	<div>1. THE FOLLOWING NOTES APPLY TO ALL PLUMBING DRAWINGS.</div> <div>2. ALL WORK SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE 2018 AND ALL OTHER APPLICABLE CODES AND STANDARDS.</div> <div>3. ALL DRAWINGS ARE DIAGRAMMATIC. PLUMBING CONTRACTOR SHALL CAREFULLY EXAMINE EXISTING CONDITIONS PRIOR TO STARTING WORK.</div> <div>4. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS, SIZES, CLEARANCES AND LOCATIONS PRIOR TO THE START OF CONSTRUCTION. WHEN CONFLICTS ARISE, MAKE ANY NECESSARY CHANGES TO ROUTING OF DUCTWORK PIPING AT NO ADDITIONAL COST.</div> <div>5. ALL FLOOR MOUNTED WATER HEATERS SHALL BE INSTALLED ON 4" HIGH CONCRETE HOUSEKEEPING PADS PROVIDED BY THE PLUMBING CONTRACTOR.</div> <div>6. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.</div> <div>7. SCHEDULES DO NOT REPRESENT EQUIPMENT QUANTITIES. REFER TO THE PLANS FOR ACTUAL QUANTITIES.</div> <div>8. PLUMBING CONTRACTOR SHALL PROVIDE FIREPROOF PIPE SLEEVES AT ALL NEW PIPING PENETRATIONS THRU FIRE RATED WALLS AND FLOORS.</div> <div>9. MANUFACTURERS AND MODEL NUMBERS INDICATED ON THE PLANS, SCHEDULES AND SKETCHES ARE PROVIDED AS A BASIS OF DESIGN ONLY. BIDDERS SHALL REFER TO THE SPECIFICATIONS FOR A LISTING OF MULTIPLE ACCEPTABLE MANUFACTURERS FOR EACH OF THESE ITEMS. SIMILAR PRODUCTS FROM ANY OF THESE MANUFACTURERS MAY BE FURNISHED PROVIDED THEY MEET THE INTENT OF THE SPECIFICATIONS. ANY CHANGES TO THE DESIGN REQUIRED AS A RESULT OF A SUBSTITUTION ARE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR.</div>	<div>P001 PLUMBING COVER SHEET</div> <div>PS01 PLUMBING SITE PLANS</div> <div>P101 PLUMBING FIELD HOUSE PLANS</div> <div>P102 PLUMBING GROUNDS BUILDING PLANS</div> <div>P103 PLUMBING FIELD HOUSE ROOF PLAN</div> <div>P201 PLUMBING ENLARGED FIELD HOUSE PLANS – WASTE WATER</div> <div>P202 PLUMBING ENLARGED FIELD HOUSE PLANS – DOMESTIC WATER</div> <div>P301 PLUMBING SCHEDULES &amp; DETAILS</div> <div>P401 PLUMBING RISER DIAGRAMS</div> <div>P402 PLUMBING RISER DIAGRAMS</div>	<div>TREDYFFRIN TOWNSHIP CHESTER COUNTY, PA</div> <div>HSA PROJECT # :21-019</div> <div></div> <div>Heckendorn Shiles Architects</div> <div>PROJECT TEAM</div> <div>CLIENT</div> <div>Tredyffrin/Easttown School District 940 West Valley Road, Suite 1700 Wayne, PA 19087 (610) 240-1900</div> <div>ARCHITECTURAL</div> <div>Heckendorn Shiles Architects 347 East Conestoga Road Wayne, PA 19087 610-994-3500</div> <div>STRUCTURAL ENGINEER</div> <div>A.W. Lookap Structural Engineers 500 Fayette Street, Suite 100 Conshohocken, PA 19428 (610) 825-2600</div> <div>MEPPP ENGINEER</div> <div>Schiller and Hersh Associates, Inc. 636 Skippack Pike, Suite 200 Blue Bell, PA 19422 (215) 886-8947</div> <div>SITE / CIVIL</div> <div>Pennoni Associates, Inc One South Church Street, 2nd Floor West Chester, PA 19382 (610) 429-8907</div> <div>IT CONSULTANT</div> <div>Teranet Consulting &amp; Technical Services (215) 527-9825</div>
AD	AREA DRAIN	RD	ROOF DRAIN			
AFF	ABOVE FINISHED FLOOR	RWC	RAIN WATER CONDUCTOR			
BFP	BACK FLOW PREVENTER	SA	SHOCK ABSORBER			
CA	COMPRESSED AIR	SAN	SANITARY			
CO	CLEAN OUT	SS	SERVICE SINK			
CW	DOMESTIC COLD WATER	SH	SHOWER			
DF	DRINKING FOUNTAIN	SK	SINK			
DN	DOWN	ST	STORM			
DW	DISHWASHER	SW	SAFE WASTE			
(E)	EXISTING	TW	TEMPERED WATER			
EC	ELECTRICAL CONTRACTOR	UR	URINAL			
EWC	ELECTRIC WATER COOLER	VTR	VENT THRU ROOF			
FAI	FRESH AIR INLET	V	VENT			
(F)FD	FUTURE FLOOR DRAIN	W	WASTE			
FD-A	FLOOR DRAIN (A – INDICATES TYPE)	WC	WATER CLOSET			
FU	FIXTURE UNIT	WCO	WALL CLEANOUT			
GC	GENERAL CONTRACTOR	WH	WALL HYDRANT			
G	GAS					
HB	HOSE BIBB					
HW	DOMESTIC HOT WATER					
HWH	HOT WATER HEATER					
HWR	DOMESTIC HOT WATER RECIRCULATION					
IW	INDIRECT WASTE					
LAV	LAVATORY					
MAX	MAXIMUM					
MIN	MINIMUM					
MC	MECHANICAL CONTRACTOR					
MH	MANHOLE					
MR	MOP RECEPTOR					
N	NEW WORK					
NC	NORMALLY CLOSED					
NO	NORMALLY OPEN					
NTS	NOT TO SCALE					
NIC	NOT IN CONTRACT					
OFD	OVERFLOW DRAIN					
OS&Y	OUTSIDE SCREW & YOKE GATE VALVE					
PC	PLUMBING CONTRACTOR					
PRV	PRESSURE REDUCING VALVE					

SYMBOL LEGEND			
	DOMESTIC COLD WATER		HOSE BIBB
	DOMESTIC HOT WATER		WALL HYDRANT
	DOMESTIC HOT WATER RECIRCULATION		CHECK VALVE
	NATURAL GAS PIPING		RELIEF VALVE
	PROPANE LINE		GAUGE WITH COCK
	RAIN WATER CONDUCTOR		THERMOMETER IN THERMOWELL
	TEMPERED WATER		CAPPED LINE
	SANITARY LINE		DRAIN VALVE WITH HOSE THREAD
	CONDENSATE DRAIN		CIRCUIT SETTER
	VENT LINE		SELF CONTAINED TEMPERING VALVE
	BACK FLOW PREVENTER		EXISTING WORK TO REMAIN
	OS & Y VALVE (M DENOTES MONITORED VALVE)		WORK TO BE REMOVED
	GLOBE VALVE		NEW WORK
	BALL VALVE		DENOTES CONNECT TO EXISTING
	MONITORED BALL VALVE		DENOTES LIMIT OF DEMOLITION
	BUTTERFLY VALVE		
	MONITORED BUTTERFLY VALVE		
	CLEAN OUT		
	CLEAN OUT		
	FLOW SWITCH		
	GAS COCK		
	SHOCK ABSORBER		
	PRESSURE REDUCING VALVE		

TESD CONESTOGA  
ATHLETIC FIELDS

TREDYFFRIN TOWNSHIP  
CHESTER COUNTY, PA

HSA PROJECT # :21-019



Heckendorn Shiles Architects

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SHEET TITLE

PLUMBING  
COVER SHEET

DRAWING NUMBER

P001



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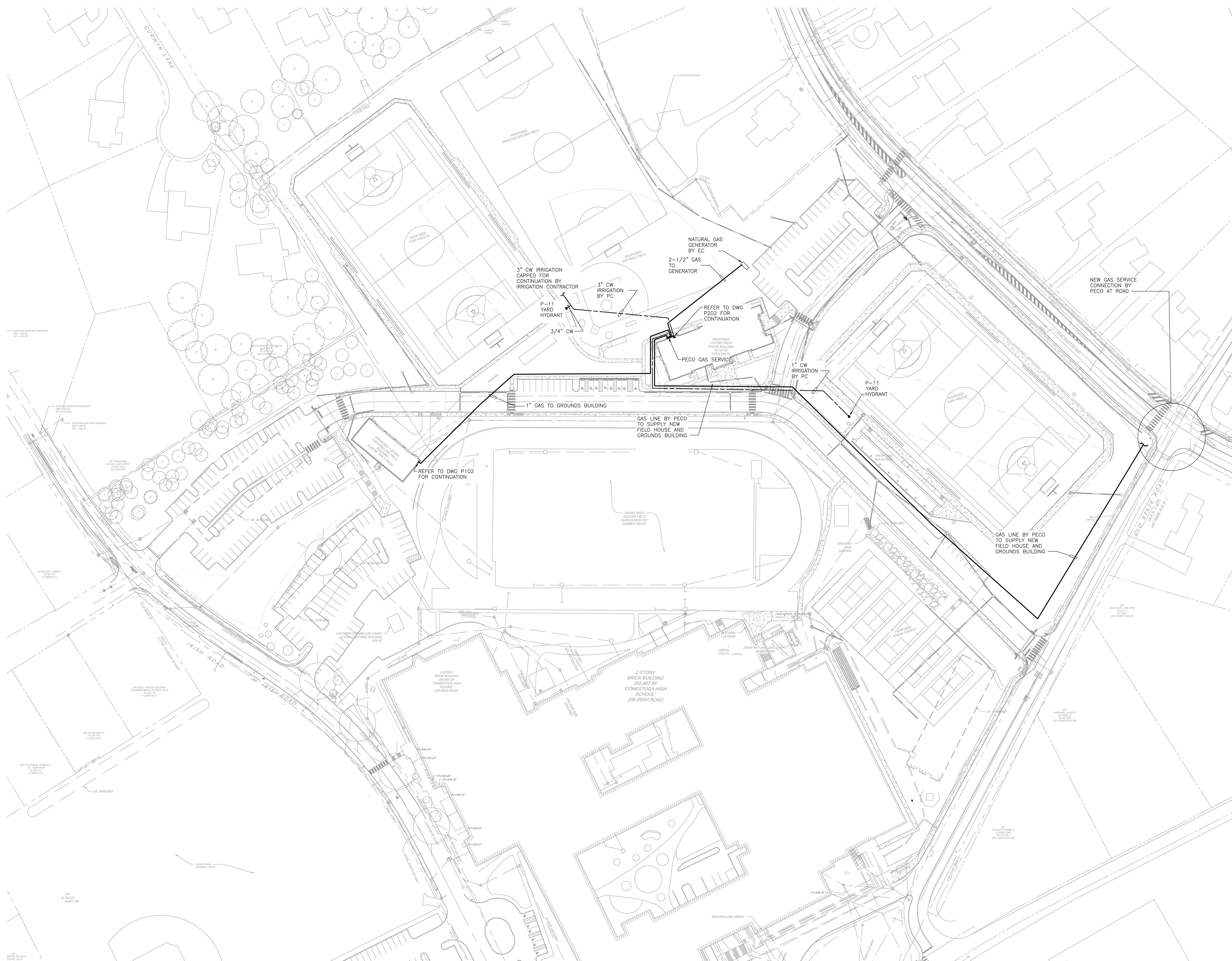
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## LUMBINING SITE PLAN

**PS01**

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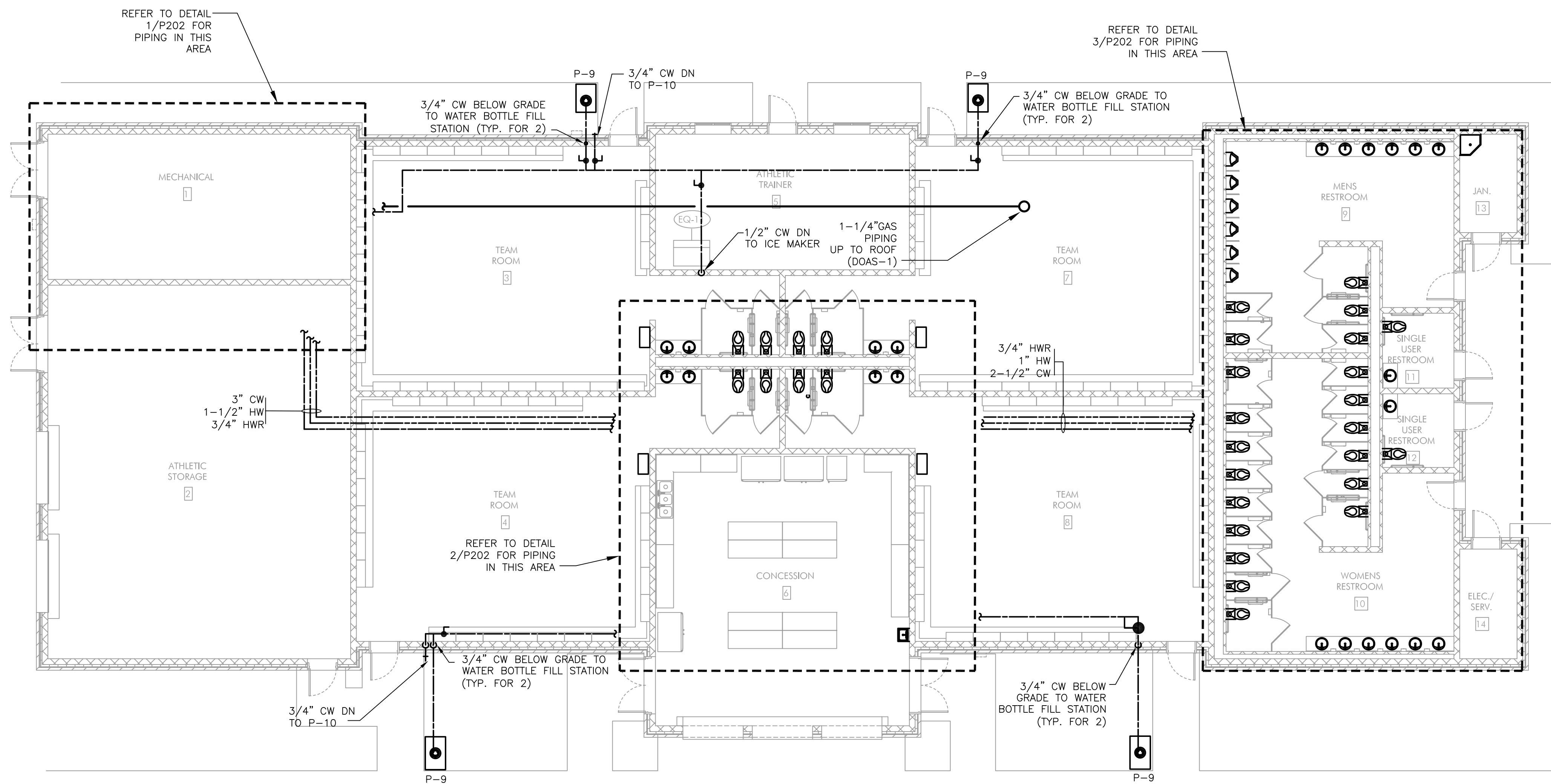
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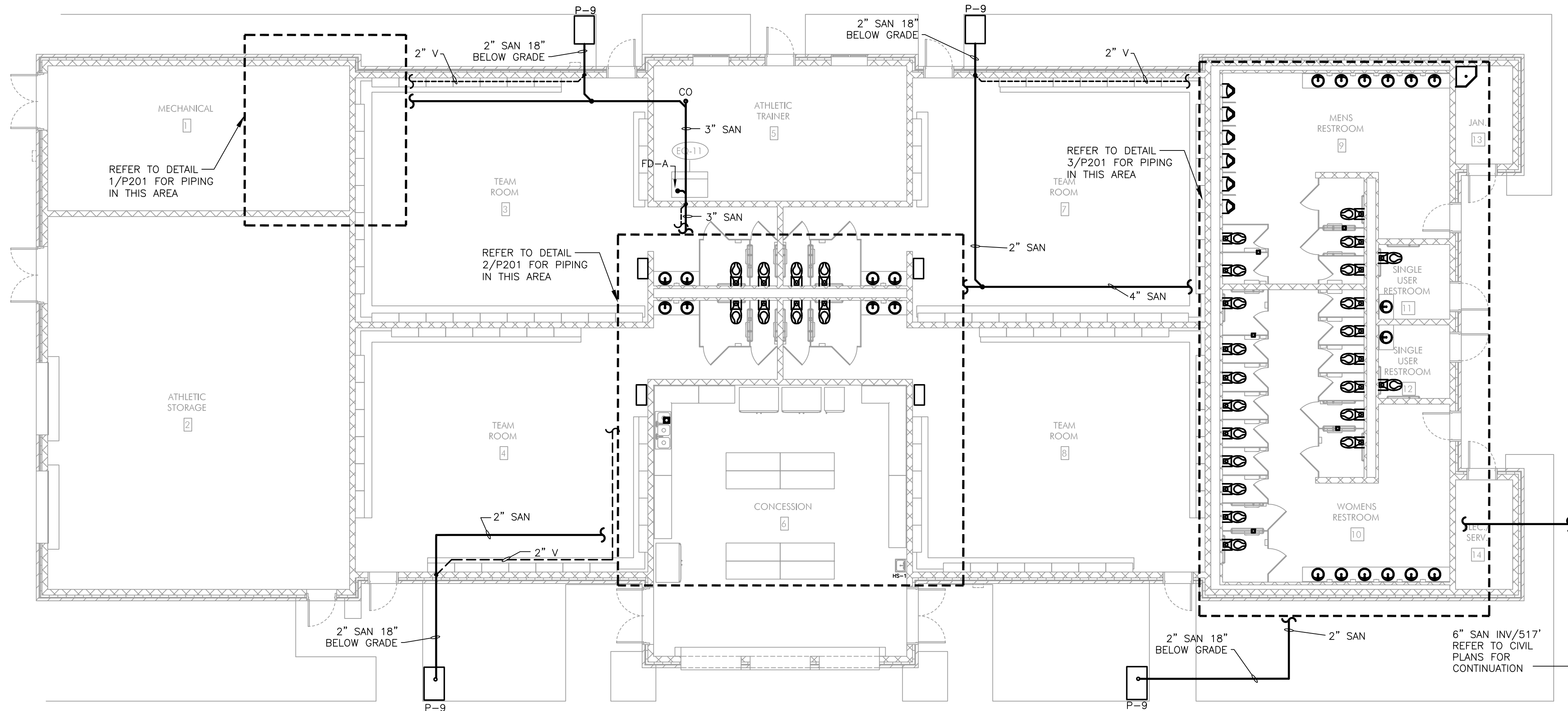
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1 PLUMBING - FIELD HOUSE DOMESTIC WATER PIPING PLAN  
P101 / 1/8" = 1'-0"



2 PLUMBING - FIELD HOUSE SANITARY PIPING PLAN  
P101 / 1/8" = 1'-0"



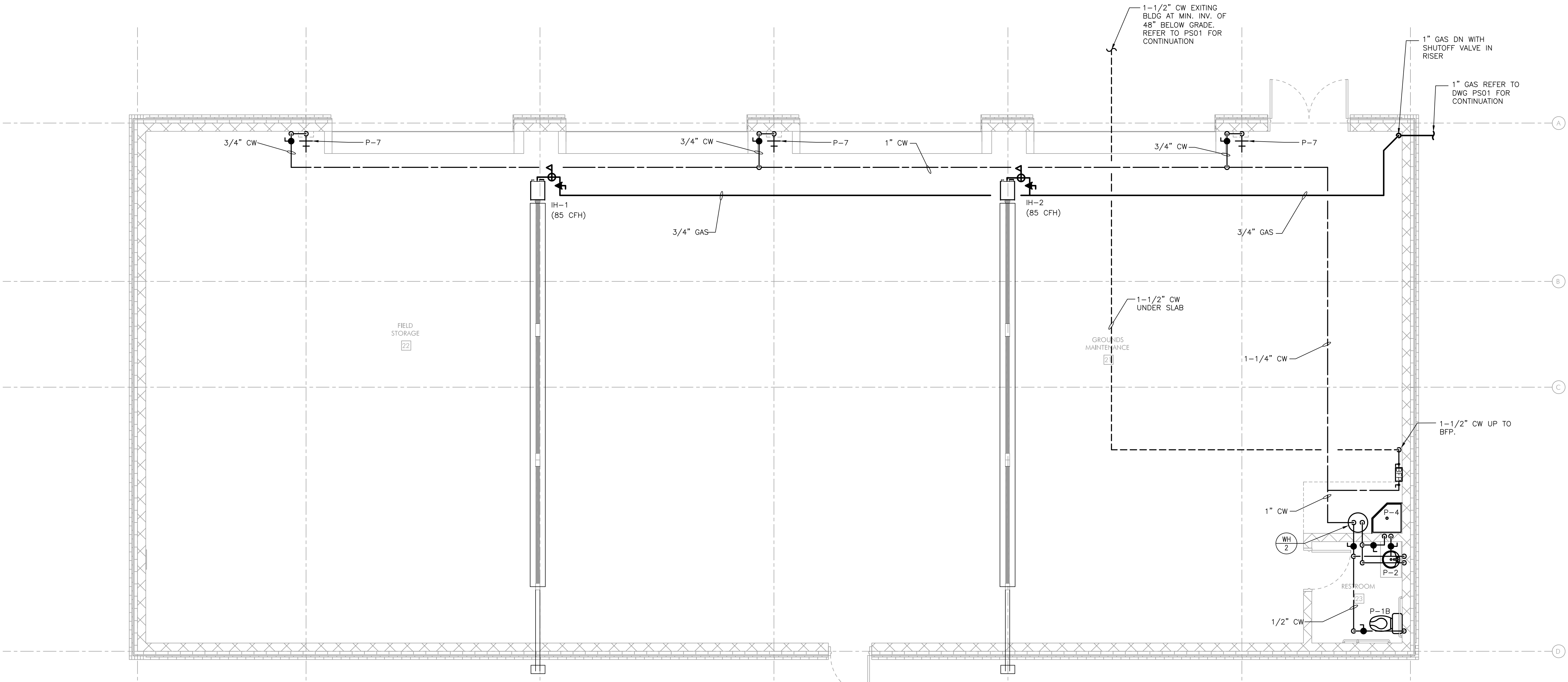
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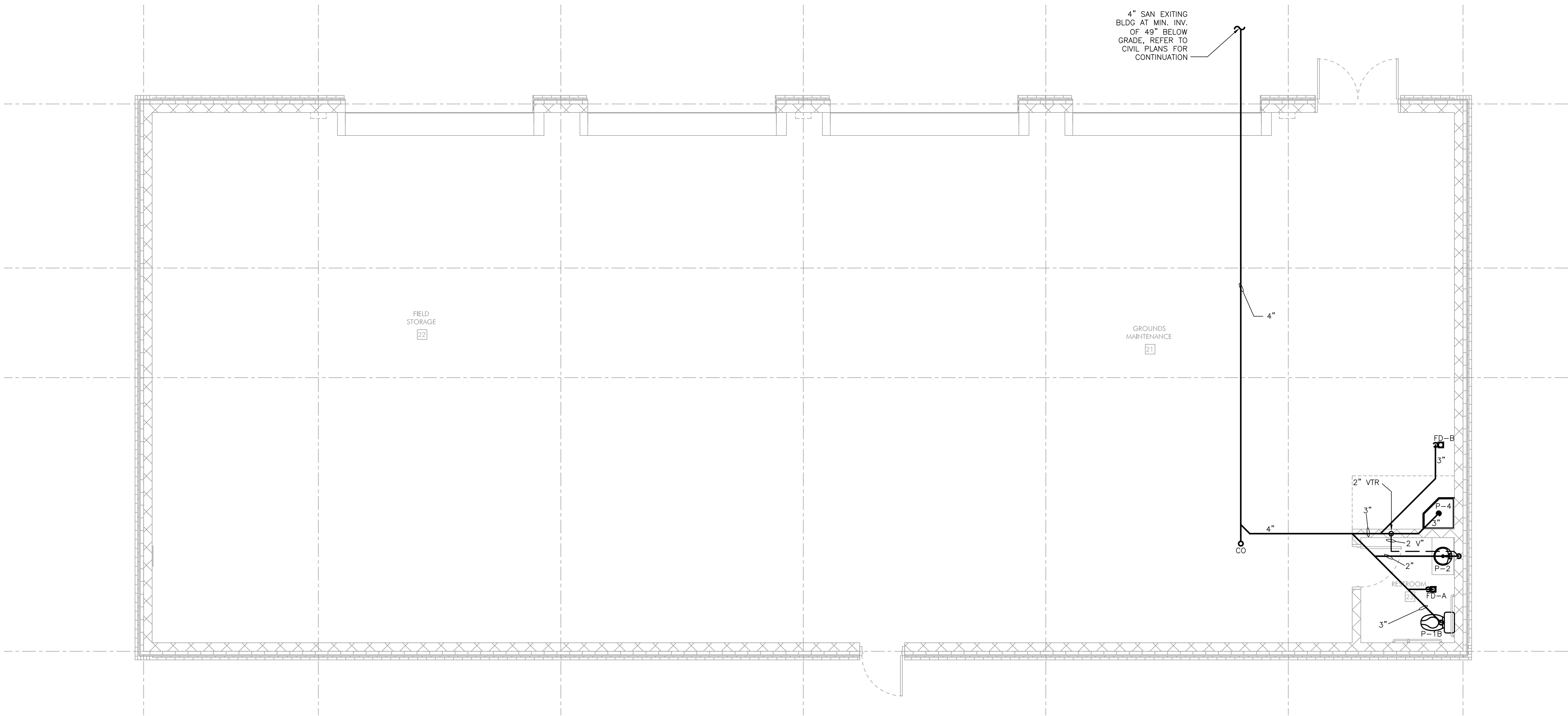
SHEET TITLE  
**PLUMBING FIELD  
HOUSE PLANS**

DRAWING NUMBER

**P101**



2 GROUND & FIELD BUILDING - DOMESTIC WATER PIPING PLAN  
P102 1/4\"/>



1 GROUND & FIELD BUILDING - SANITARY PIPING PLAN  
P102 1/4\"/>



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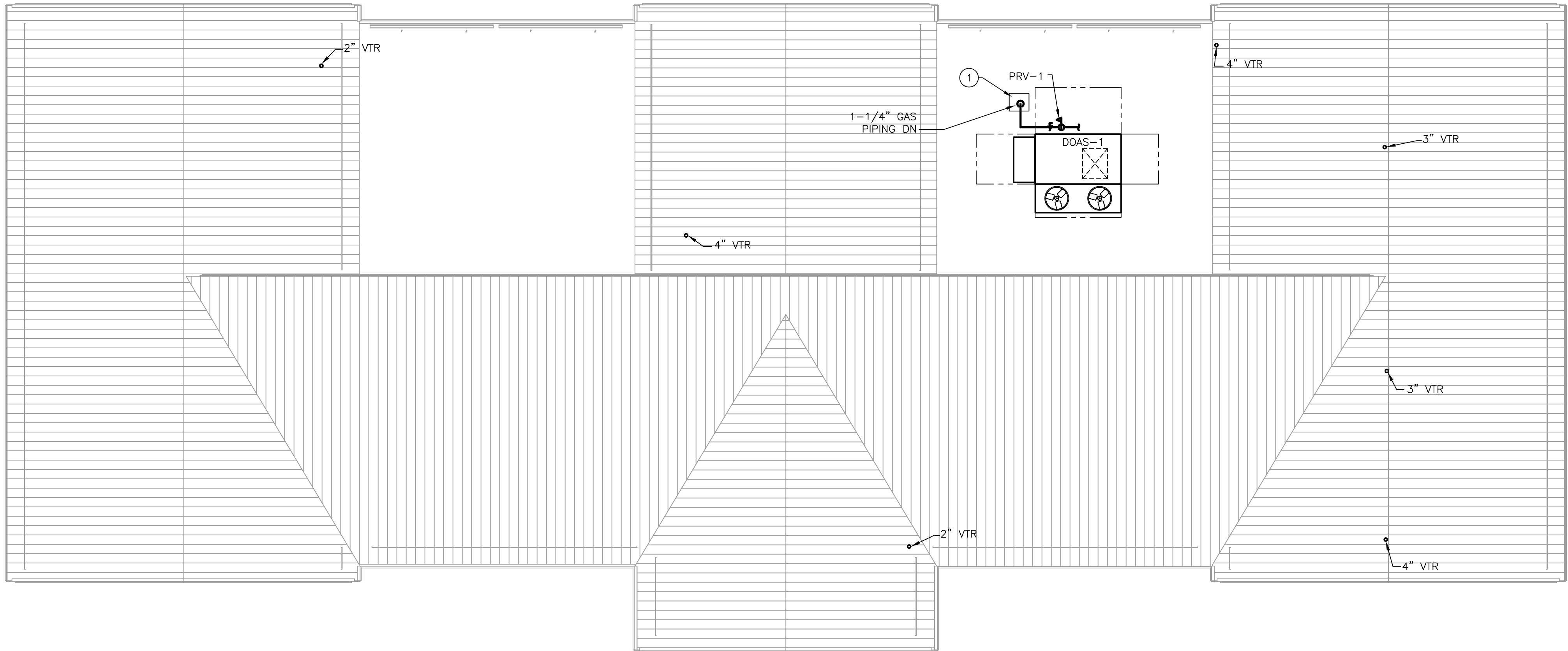
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GENERAL NOTES:

1. REFER TO DRAWING P001 FOR GENERAL NOTES.

NEW WORK KEY NOTES:

- ① PROVIDE AND INSTALL NEW PIPE CURB SIMILAR TO ROOF PENETRATION HOUSING AW SERIES WITH WITH ALL BOOTS AND CLAMPS AS REQUIRED FOR NEW GAS PIPING. CUT OPENINGS AS REQUIRED. ANCHOR CURB TO STRUCTURE. REFER TO ARCHITECTURAL PLANS FOR FLASHING OF ROOF.



① PLUMBING - FIELD HOUSE ROOF PIPING PLAN  
P103 1/8\"/>



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SHEET TITLE

**PLUMBING FIELD  
HOUSE ROOF PLAN**

DRAWING NUMBER

**P103**

TESD CONESTOGA  
ATHLETIC FIELDS

TREDYFFRIN TOWNSHIP  
CHESTER COUNTY, PA

HSA PROJECT # :21-019

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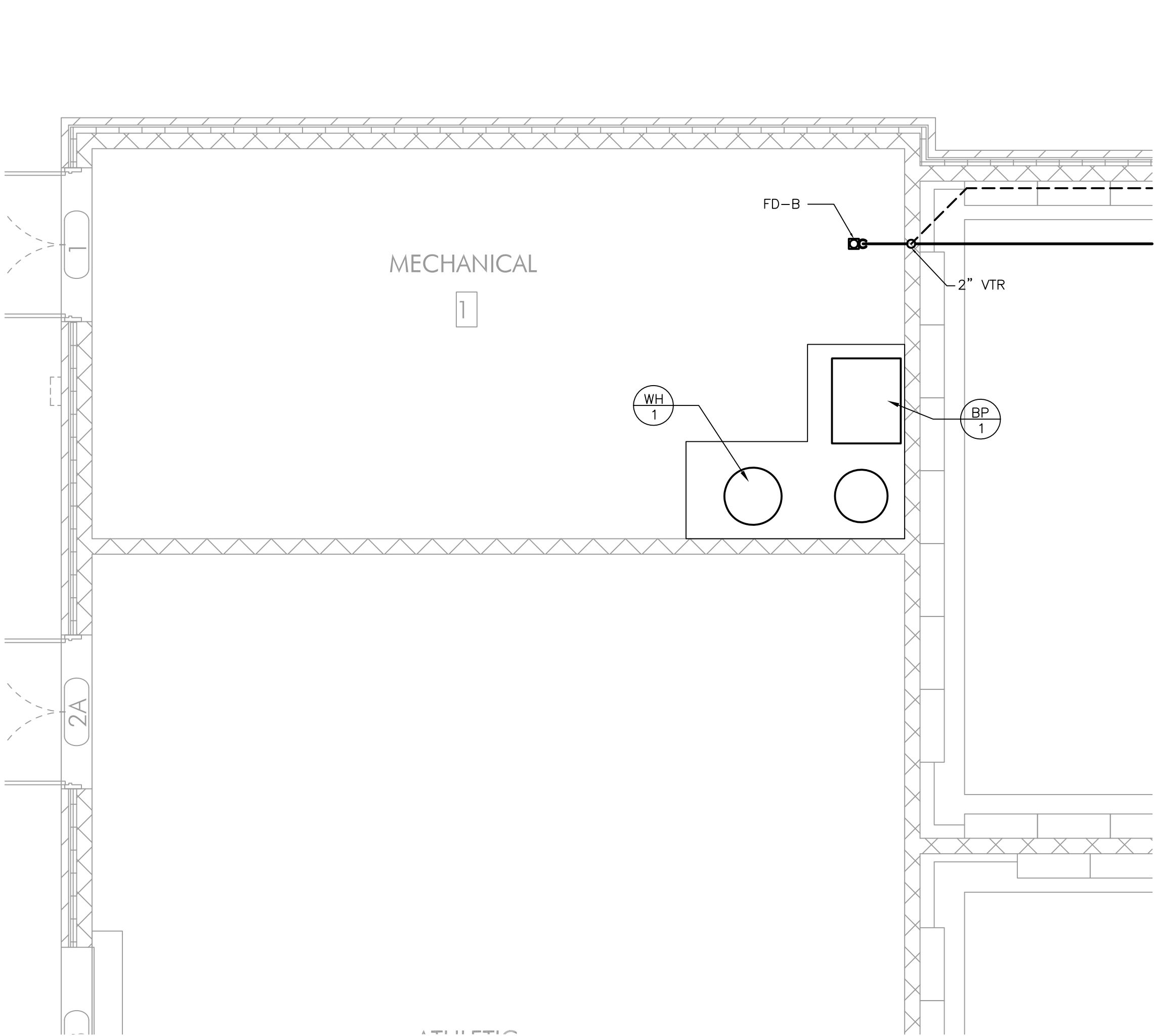
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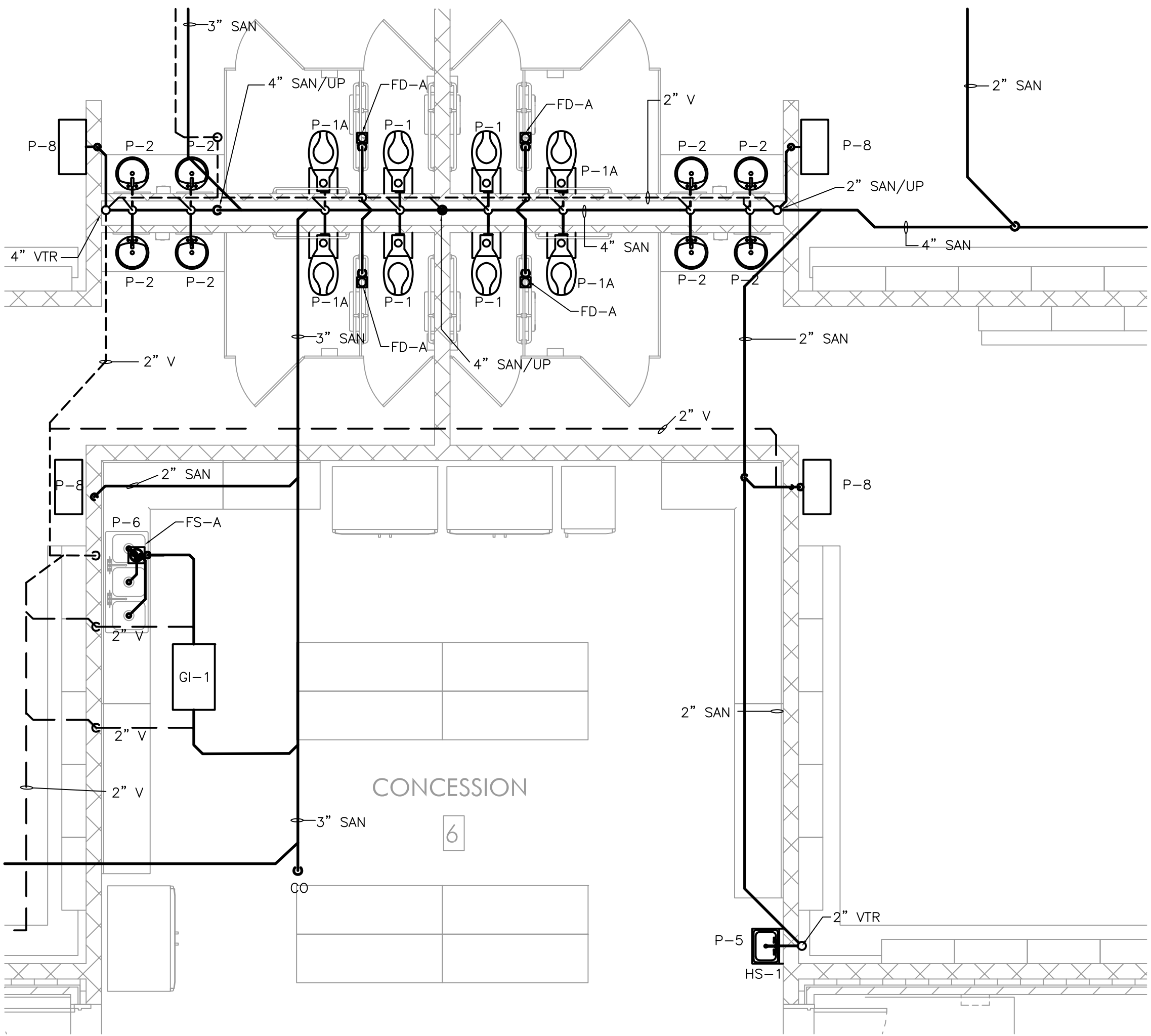
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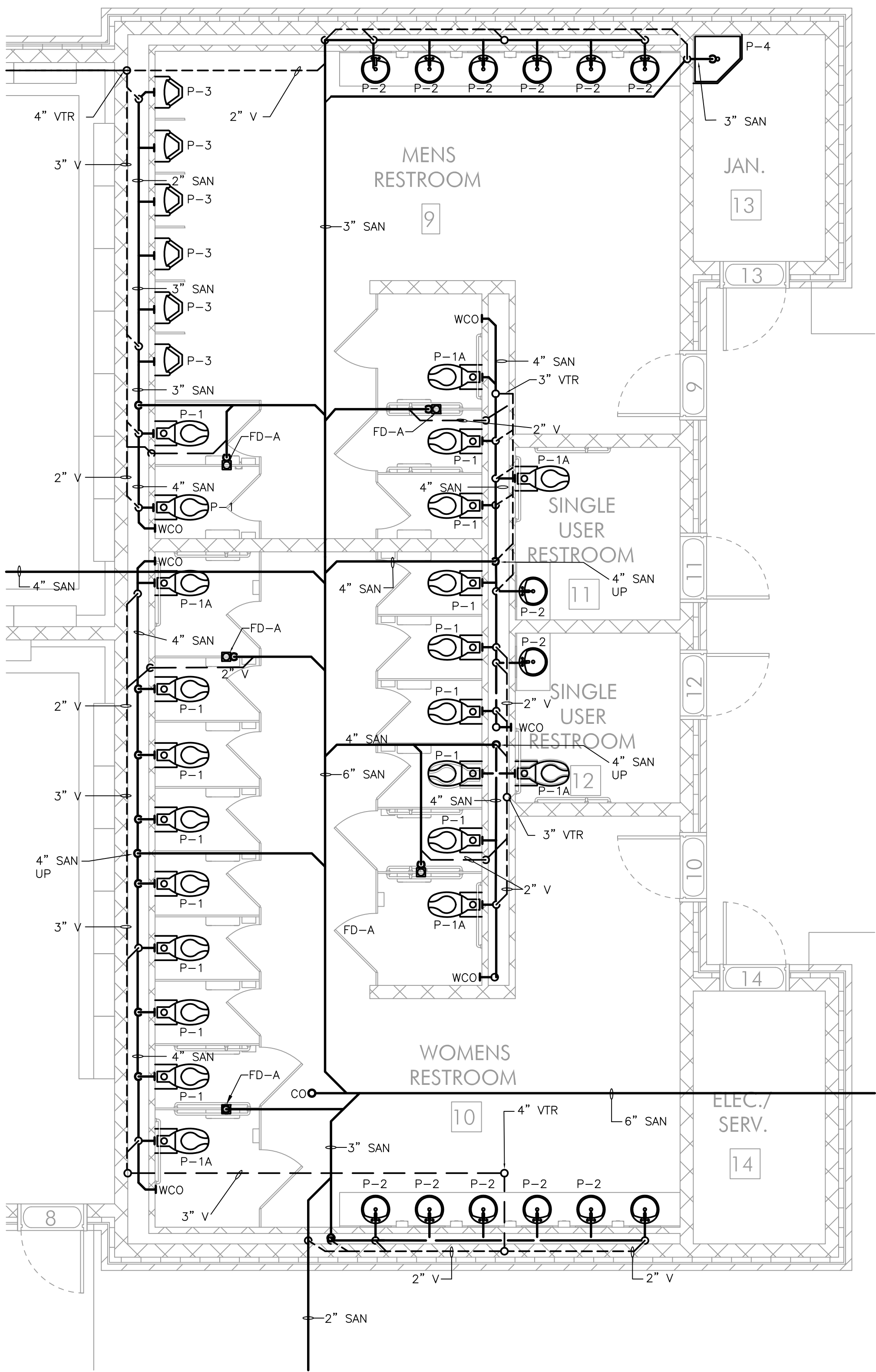
1 MECHANICAL ROOM - SANITARY PIPING PLAN

P201 1/4" = 1'-0"



2 CONCESSIONS/TEAM RESTROOMS - SANITARY PIPING PLAN

P201 1/4" = 1'-0"



3 RESTROOMS - SANITARY PIPING PLAN

P201 1/4" = 1'-0"



ISSUE HISTORY

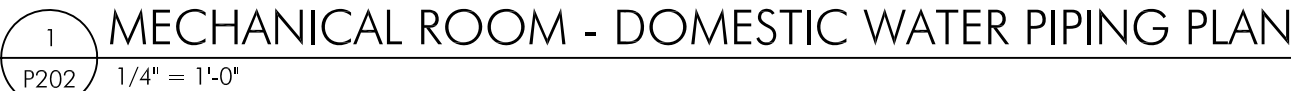
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	2024-03-18	BID ISSUE

SHEET TITLE

**PLUMBING ENLARGED  
FIELD HOUSE PLANS -  
WASTE WATER**

DRAWING NUMBER

**P201**

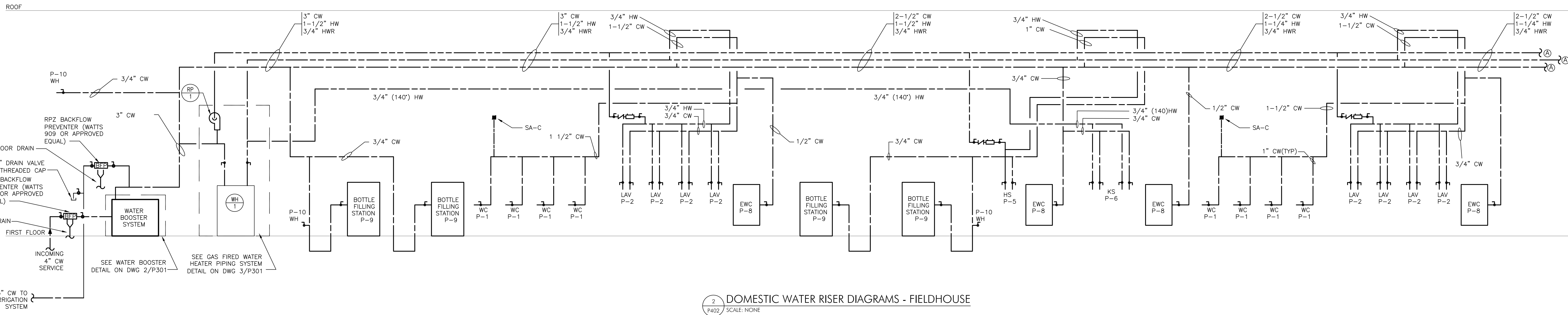
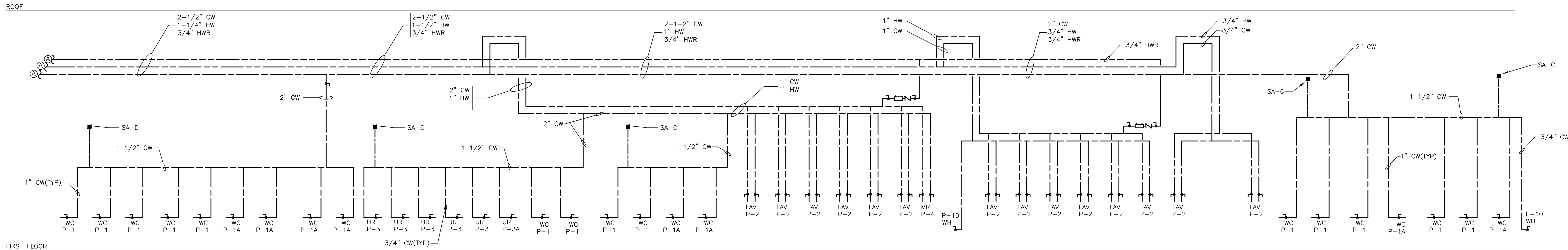


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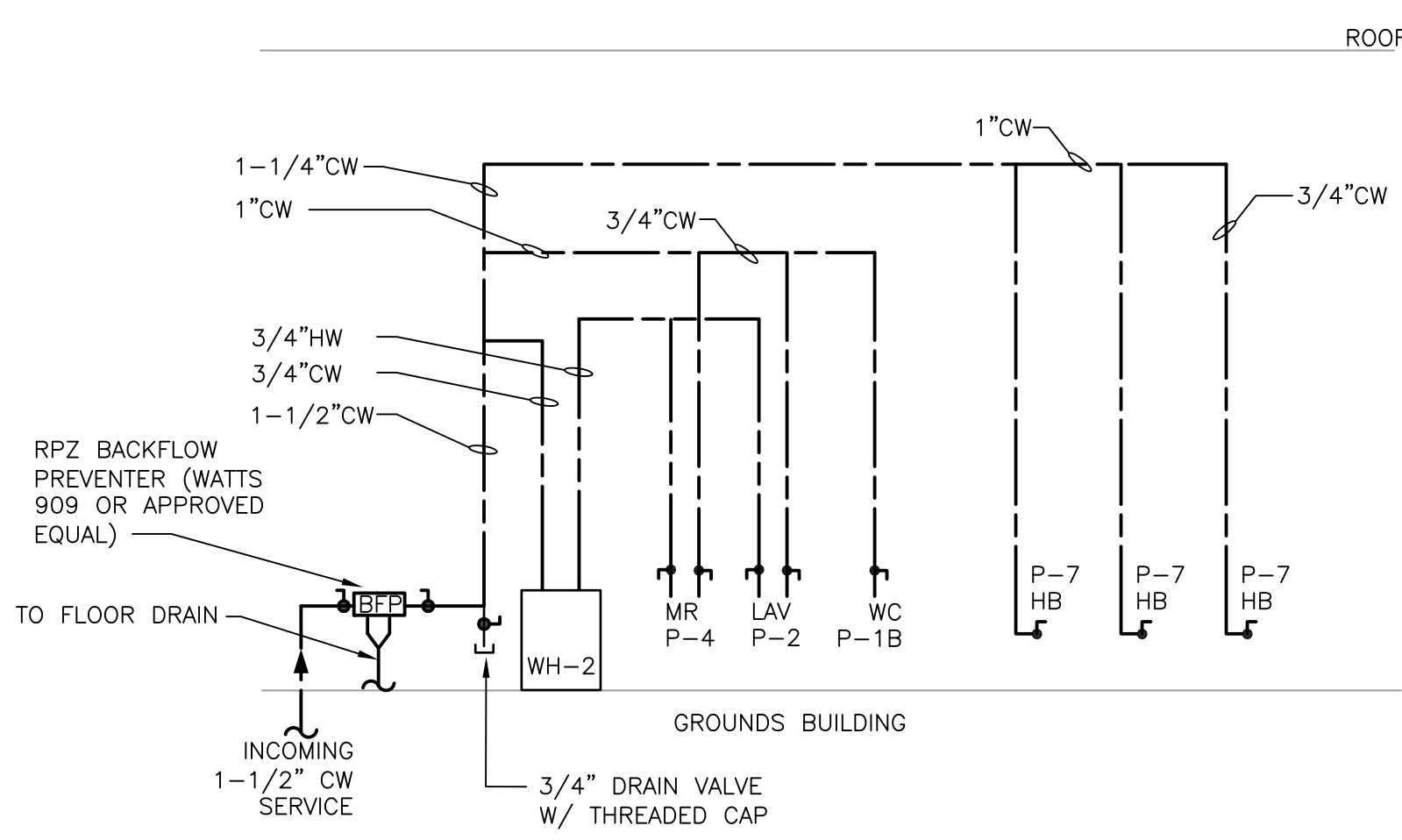
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**LUMBERING ENLARGED**  
**OLD HOUSE PLANS -**  
**DOMESTIC WATER**  
**DRAWING NUMBER**

**202**

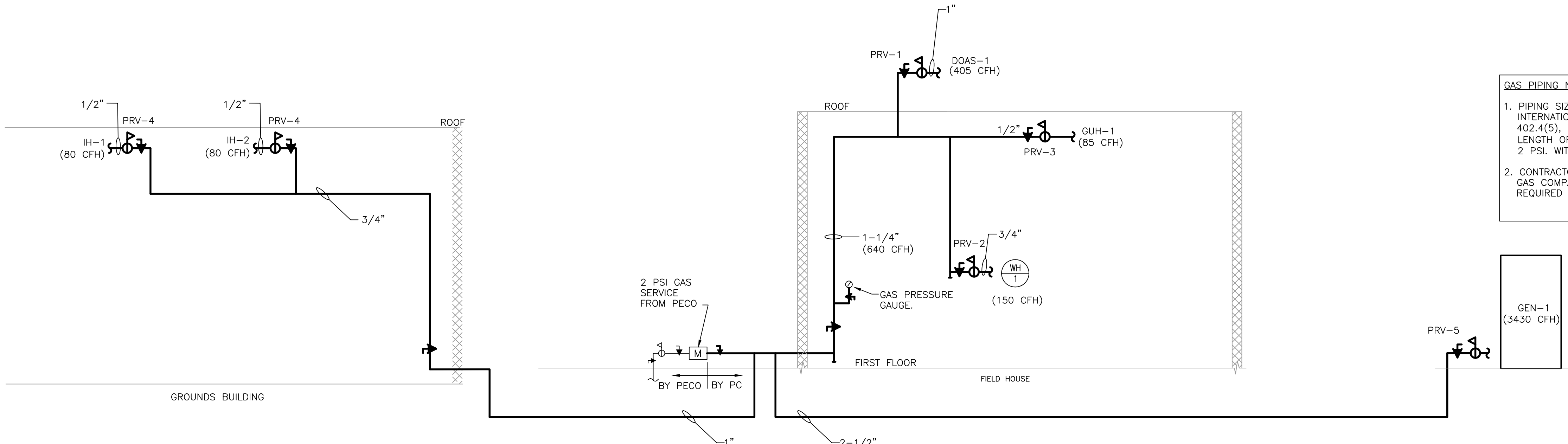




2 DOMESTIC WATER RISER DIAGRAMS - FIELDHOUSE  
P402 SCALE: NONE



2 DOMESTIC WATER RISER DIAGRAMS - GROUNDS BUILDING  
P402 SCALE: NONE



1 GAS RISER DIAGRAM- FIELDHOUSE AND GROUNDS BUILDING  
P402 SCALE: NONE

GAS PIPING NOTES:  
1. PIPING SIZED ACCORDING TO THE 2018 INTERNATIONAL FUEL GAS CODE, TABLE 402.4(5), WITH A TOTAL EQUIVALENT LENGTH OF 1000', A SUPPLY PRESSURE OF 2 PSI, WITH A 1.0 PSI. PRESSURE DROP.  
2. CONTRACTOR RESPONSIBLE TO CONTACT GAS COMPANY FOR COORDINATION OF WORK REQUIRED TO EXISTING GAS SERVICE.



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SHEET TITLE  
PLUMBING RISERS

DRAWING NUMBER

P401

TREDYFFRIN TOWNSHIP  
CHESTER COUNTY, PA

HSA PROJECT # :21-019

HSA PROJECT # :21-019



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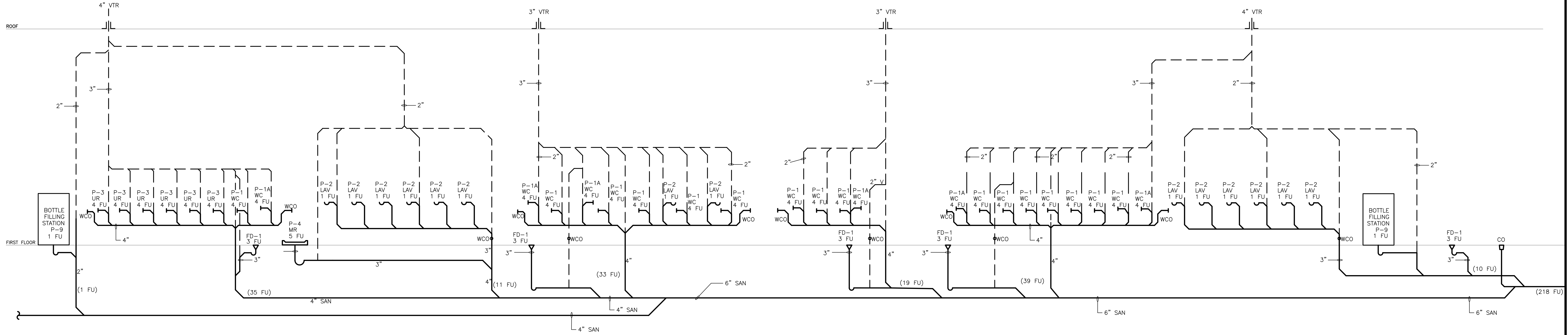
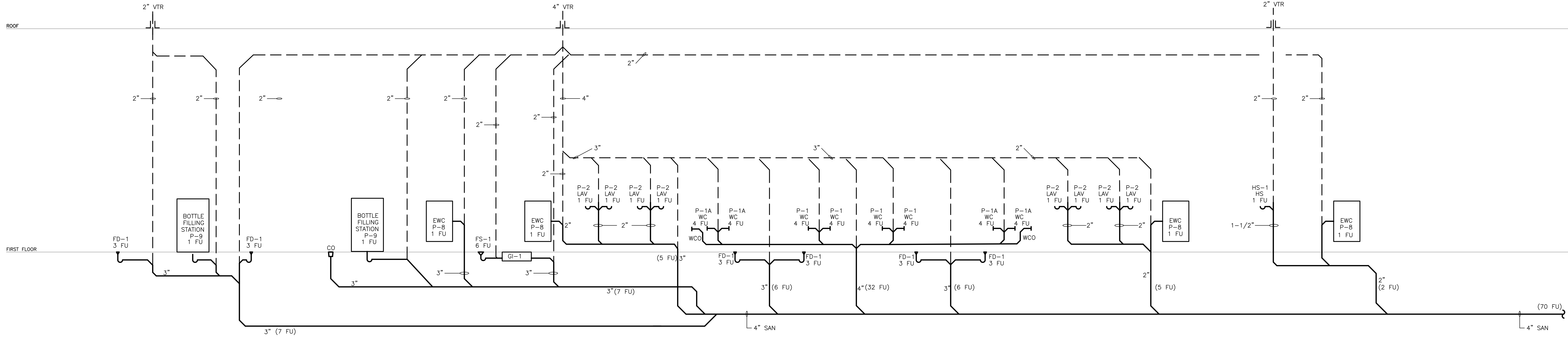
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(610) 825-2600

**MEPFP ENGINEER**  
Schiller and Hersh Associates, Inc.  
636 Skippack Pike, Suite 200  
Blue Bell, PA 19422  
(215) 886-8947

**SITE / CIVIL**  
Pennoni Associates, Inc  
One South Church Street, 2nd Flo  
West Chester, PA 19382  
(610) 429-8907

IT CONSULTANT  
Teranet Consulting & Technical  
Services  
(215) 527-9825



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## LUMBERING RISERS

**9402**

**P402**

3 SANITARY RISER DIAGRAMS - FIELDHOUSE  
P403 SCALE: NONE