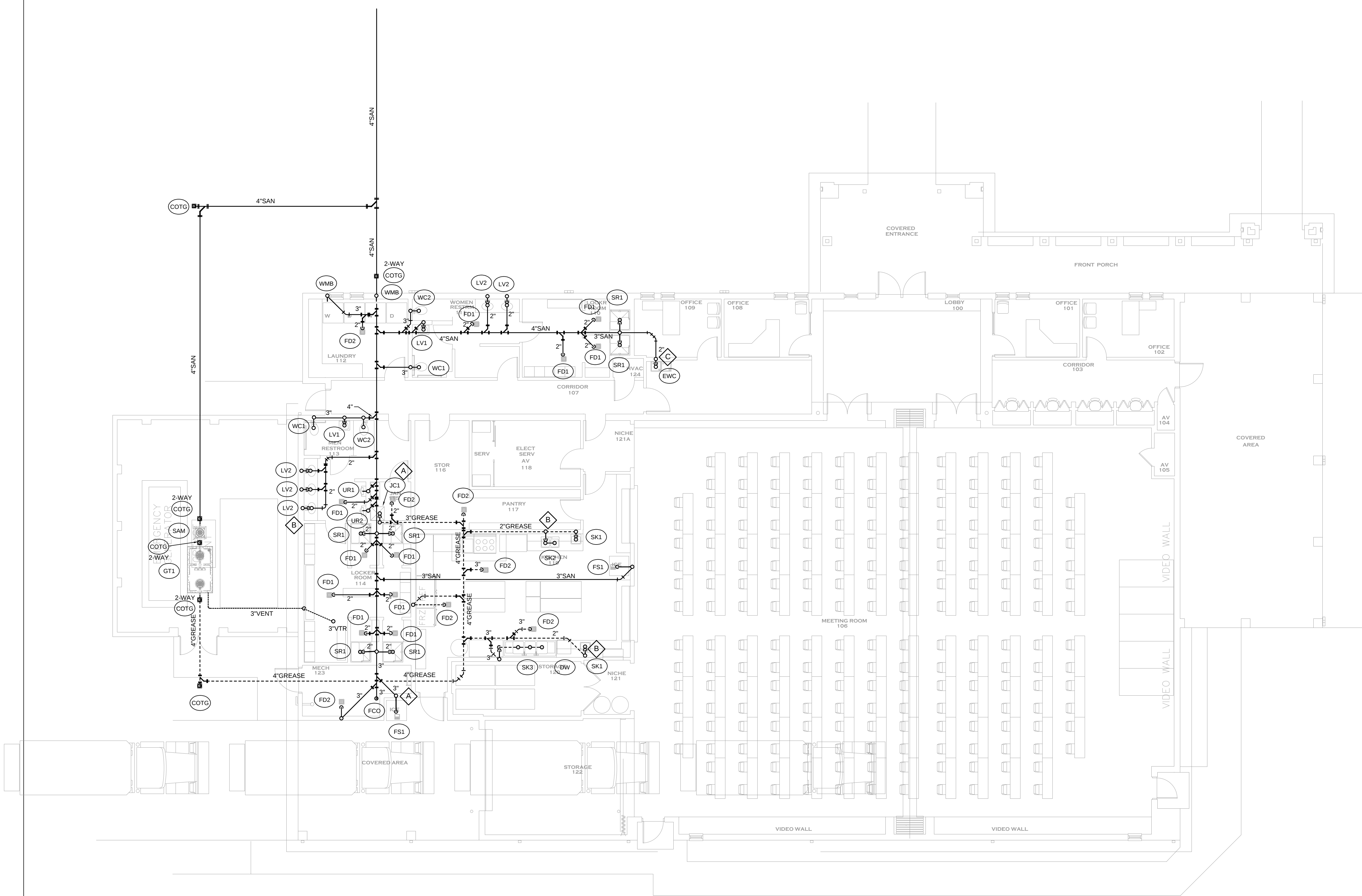
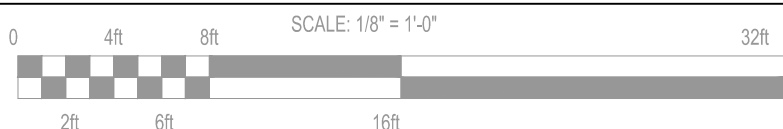


OVERALL BUILDING SOIL-WASTE-VENT-GREASE PLUMBING PLAN

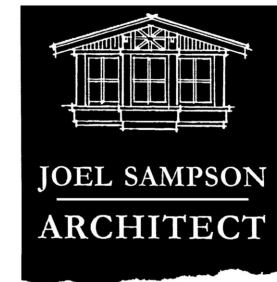


DRAWING INFORMATION NOTES

- A. TYPICAL STUDOR AAV WITH BOX GRILLE.
- B. TYPICAL STUDOR AAV UNDER COUNTER PER VENDOR REQUIREMENTS.
- C. WALL MOUNTED FIXTURE WITH 2" DRAIN & VENT ABOVE FINISHED CEILING INSTALL STUDOR AAV ABOVE CEILING PER VENDOR DESIGN MANUAL.

SPECIAL PROJECT NOTES

1. SANITARY SEWER SYSTEM TO BE STUDOR SINGLE STACK AIR ADMITTANCE CONFIGURATION PER VENDOR DESIGN MANUAL & 2020 FPC. AT LEAST ONE 3" VTR SHALL BE ROUTED THRU ROOF PER DETAIL IN COMPLIANCE REQUIREMENTS.



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850-875-4348

MUTUAL AID STAGING & COORDINATION FACILITY
FOR
TALQUIN ELECTRIC COOPERATIVE, INC.
30270 BLUE STAR HIGHWAY GADSDEN COUNTY, FLORIDA

DATE: 7-7-25
REV:

JOB NO: 23-002

P1.1

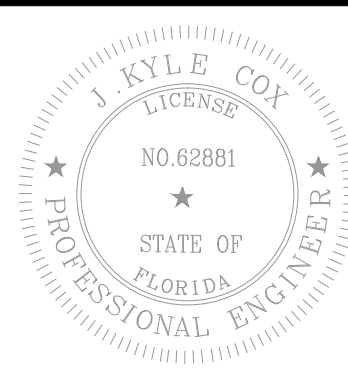
SHEET NO.

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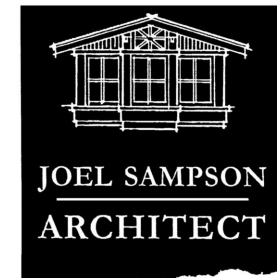
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DRAWING INFORMATION NOTES

- A. DOMESTIC WATER LINE BELOW GRADE WITH LINE CONNECTED TO LOCAL PUBLIC UTILITY. PROVIDE WITH 2 1/2" LINE TAP, 1 1/2" METER, 2 1/2" BACKFLOW DEVICE & 2 1/2" SERVICE LINE AS SHOWN. SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION & REQUIREMENTS.
- B. 4" FIRE SERVICE LINE TO SITE MAIN LINE WITH BACKFLOW DEVICE; SEE CIVIL DRAWINGS FOR REQUIREMENTS.
- C. TYPICAL ISOLATION BALL VALVES WITH CHAIN & TAG.
- D. TYPICAL HOT WATER RETURN BALANCING VALVE EQUAL TO CALEFFI PER DETAIL.
- E. FIRE SPRINKLER RISER PER 2016 NFPA 13.



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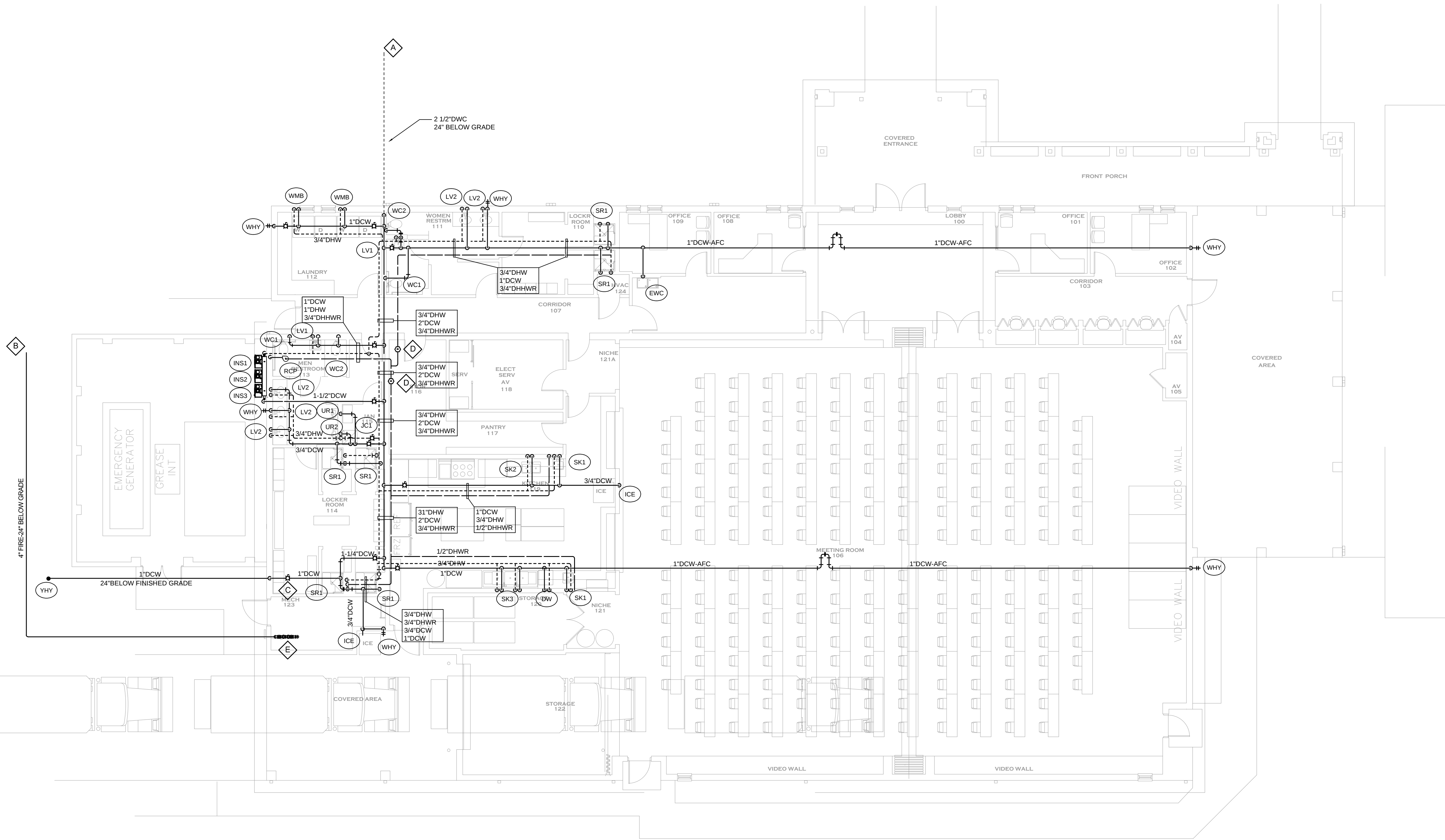
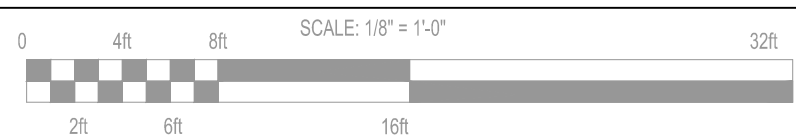
JOB NO: 23-002

SHEET NO.

P1.2



PARTIAL BUILDING DOMESTIC WATER PIPING PLAN

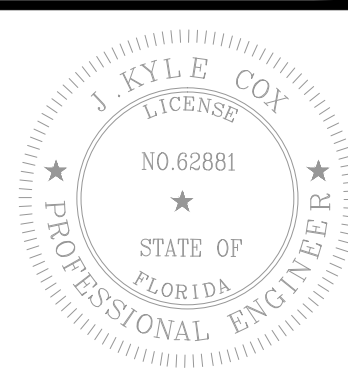


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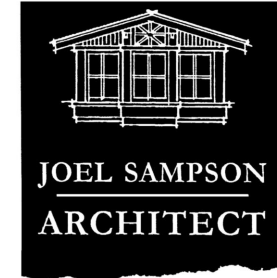
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DRAWING INFORMATION NOTES

- A. NATURAL GAS LINE FROM LOCAL GAS UTILITY-AGENCY.
- B. 1" NATURAL GAS LINE DOWN TO GAS METER AS INDICATED IN DETAIL; ROUTE LINE THRU EXTERIOR WALL WITH AIR-WATER TIGHT SLEEVE TO AREA ABOVE FINISHED CEILING PER 2021 IFGC; LINE TO BE PAINTED WITH LABEL PER OSHA REQUIREMENTS; METER TO DELIVER 2 PSI NATURAL GAS 9,400 CFH PER 2021 IFGC TABLE 402.4(5) FOR APPROXIMATELY 120 EQUIVIL, FEET.
- C. ROUTE 3/4" NATURAL GAS LINE ALONG EXTERIOR WALL UP TO INSTANTANEOUS WATER HEATER RACK.
- D. 1/2" NATURAL GAS LINE DOWN TO FINISHED FLOOR WITH ISOLATION VALVE, MAXITROL 2 PSI TO LOW PRESSURE REGULATOR, 6" DRIP LEG, & KITCHEN HOOD GAS SOLENOID FROM KITCHEN HOOD VENDOR, ETC.; CONTRACTOR TO RUN LINE NEAR FLOOR TO APPLIANCES INDICATED IN KITCHEN VENDOR USING LOW PRESSURE GAS, ISOLATION VALVES & "CSST" FLEXIBLE PIPE CONNECTIONS; GAS VALUE INDICATED IS BASED ON APPROXIMATE USAGE PER APPLIANCE DEMAND; CONTRACTOR MUST VERIFY ALL APPLIANCE REQUIREMENTS & LINE CONNECTION SIZE PRIOR TO INSTALLATION. ESTIMATED VOLUME IS RATED AT 346 CFH.
- E. ROUTE 1-1/4" NATURAL GAS LINE 12" BELOW FINISHED GRADE TO GROUND MOUNTED EMERGENCY GENERATOR RATED AT 3,084 MBH.



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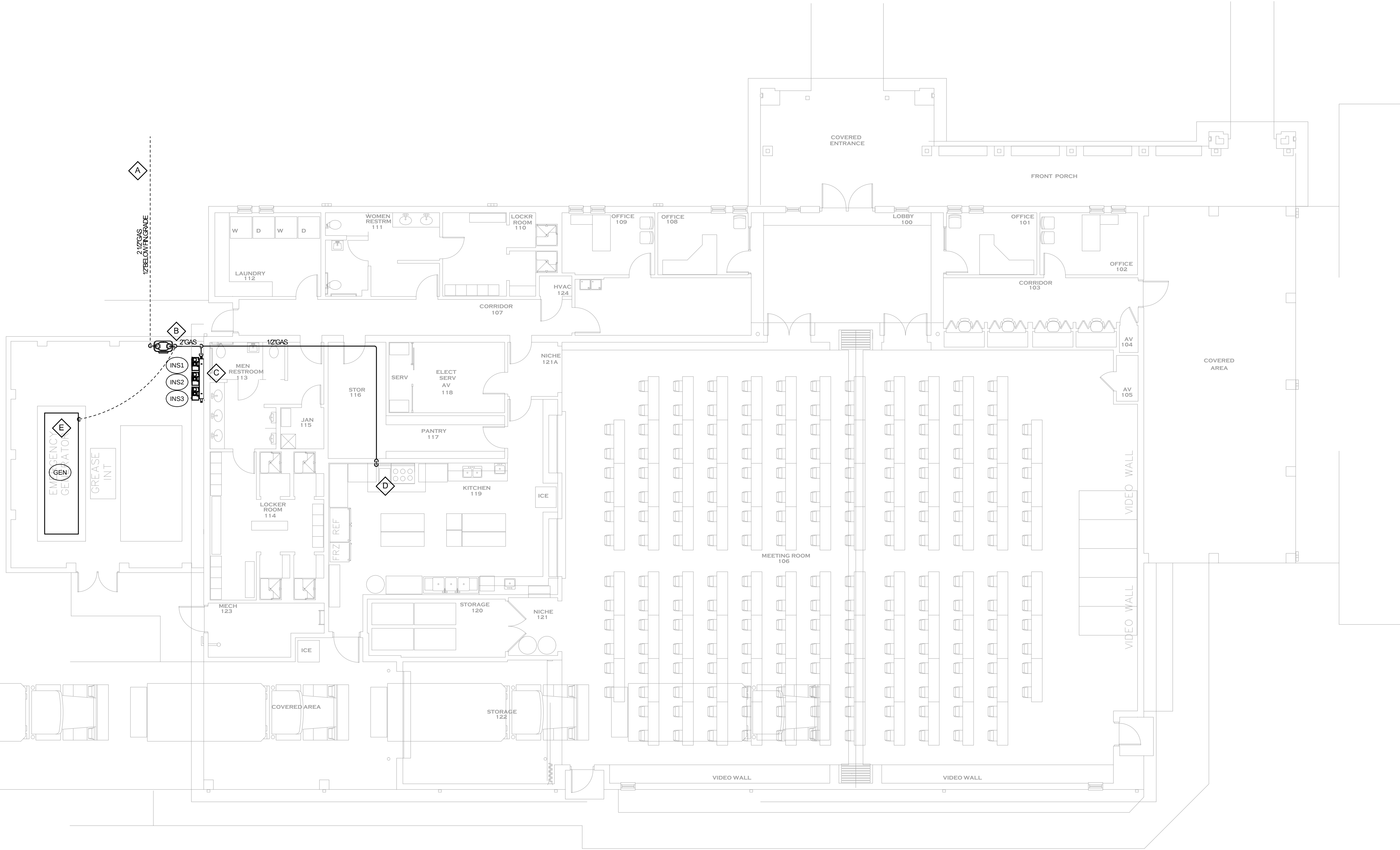
JOB NO: 23-002

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P1.3



BUILDING NATURAL GAS PIPING PLAN



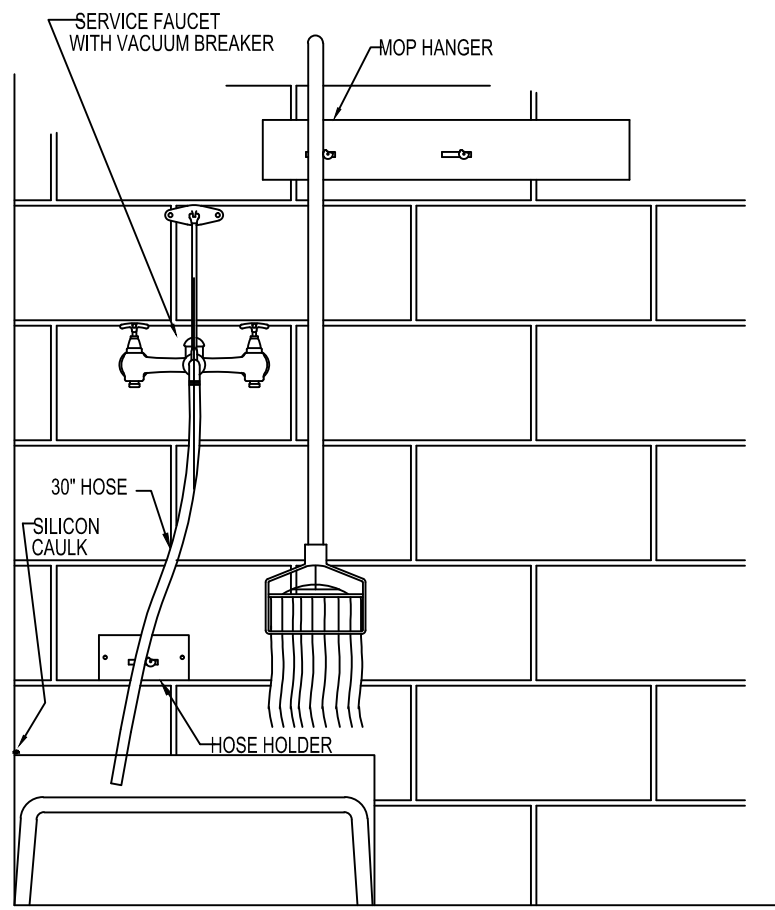
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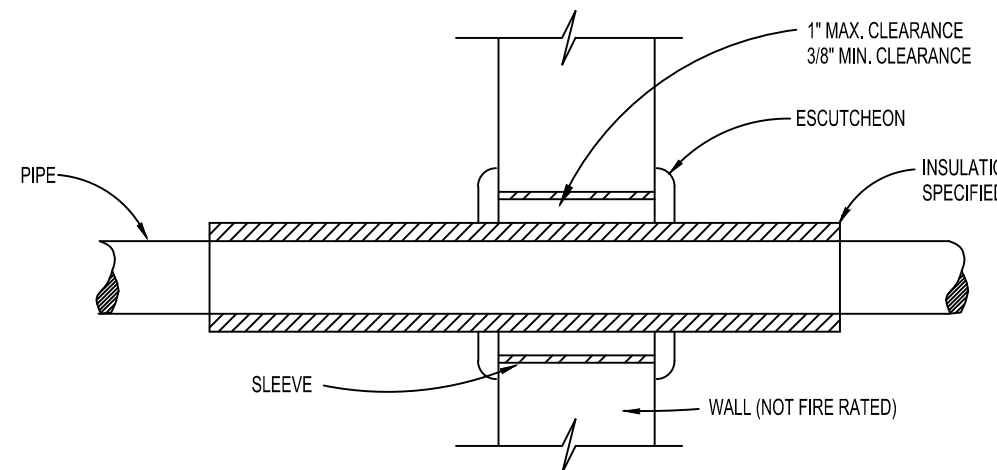
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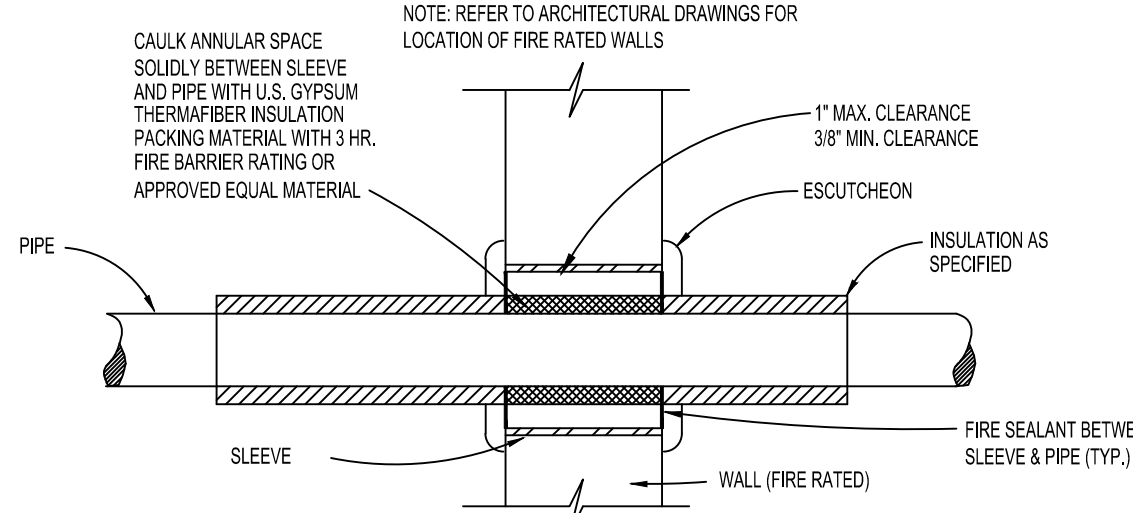
MOP HOLDER DETAIL

NTS



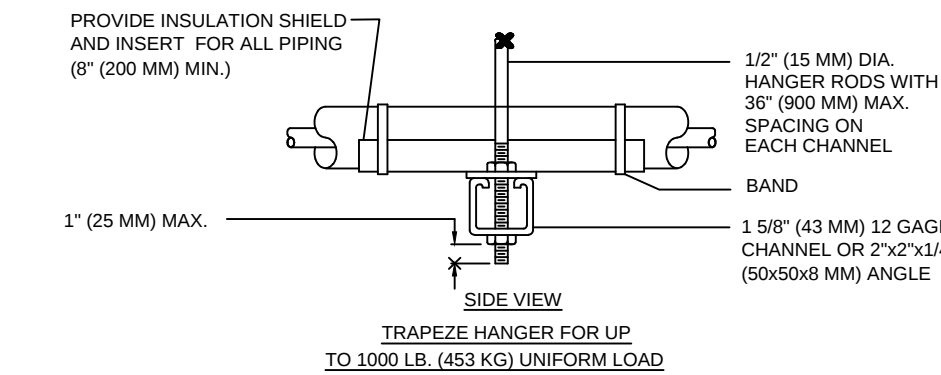
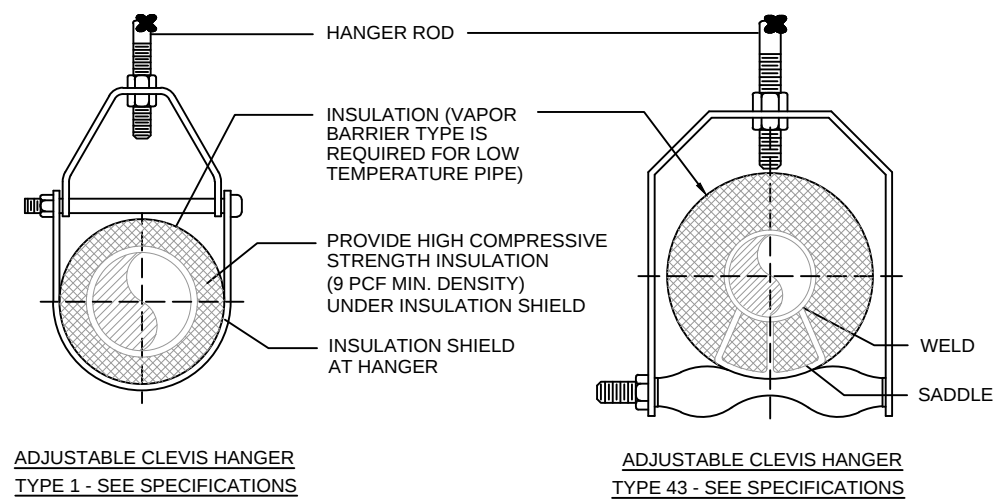
PIPE PENETRATION OF NON-FIRE RATED WALL

NOT TO SCALE



FIRE RATED PIPE PENETRATION

NOT TO SCALE

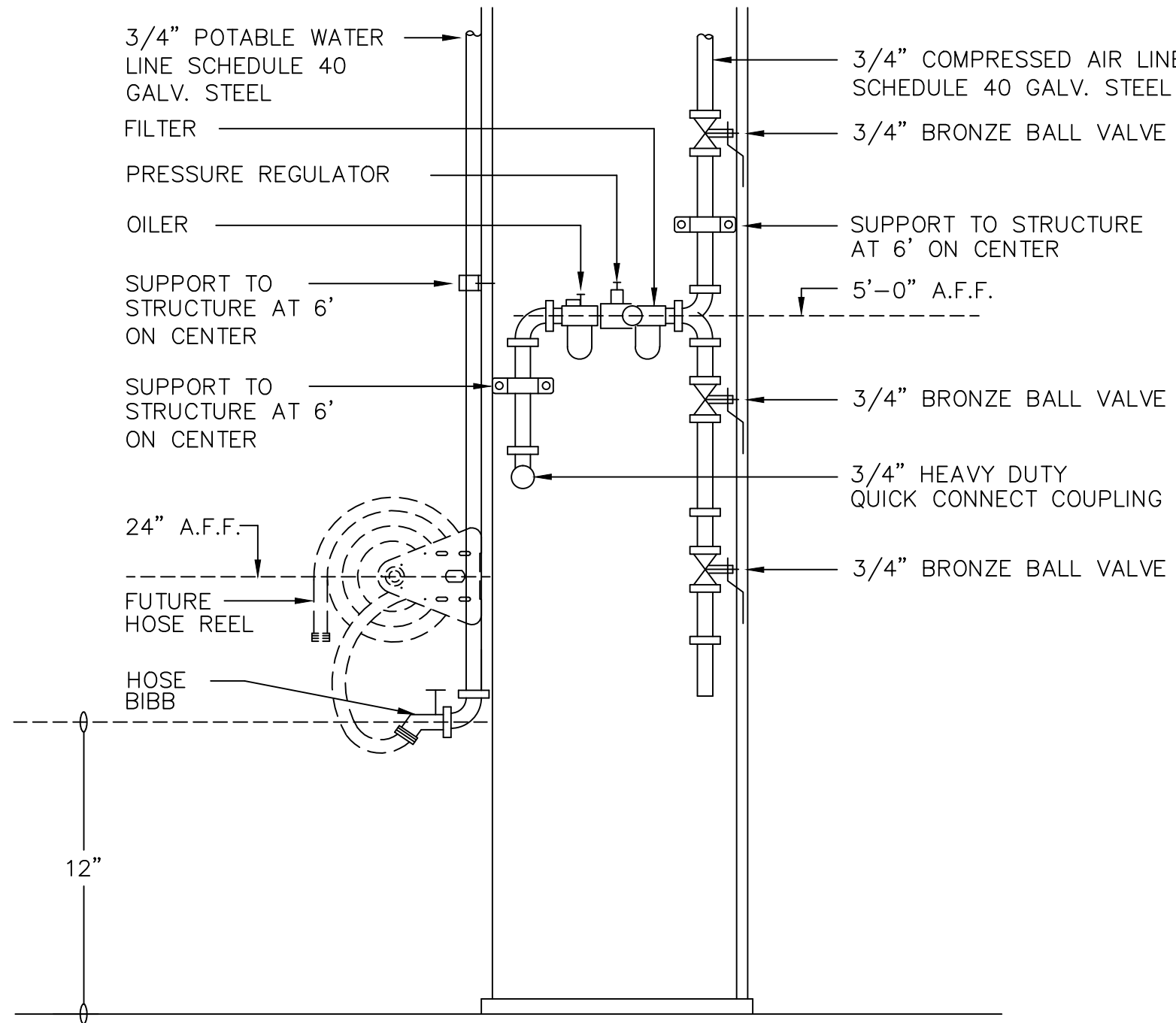


MAXIMUM PIPE/TUBING SUPPORT SPACING													
NOM. SIZE	IN.	THRU 3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	
PIPE	FT.	(20)	(25)	(32)	(40)	(50)	(65)	(75)	(100)	(125)	(150)	(200)	
TUBING	FT.	5 FT	6	7	8	8	9	10	12	13	14	16	
	(M)	(2.1)	(2.1)	(2.1)	(2.1)	(2.1)	(2.7)	(3.0)	(3.7)	(4.3)	(4.3)	(4.9)	

NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.

TYPICAL PIPE HANGER DETAILS

NTS



AIR/WATER REEL DETAIL

SCALE: N.T.S.

SINGLE FIXTURE			
PDI SIZE	PIPE SIZE	FIXTURE	UNIT LOAD
HA	A	1/2"	1-11
HA	B	3/4"	12-32
HA	C	1"	33-60
HA	D	1-1/4"	61-113
HA	E	1-1/2"	114-154
HA	F	2"	154-330

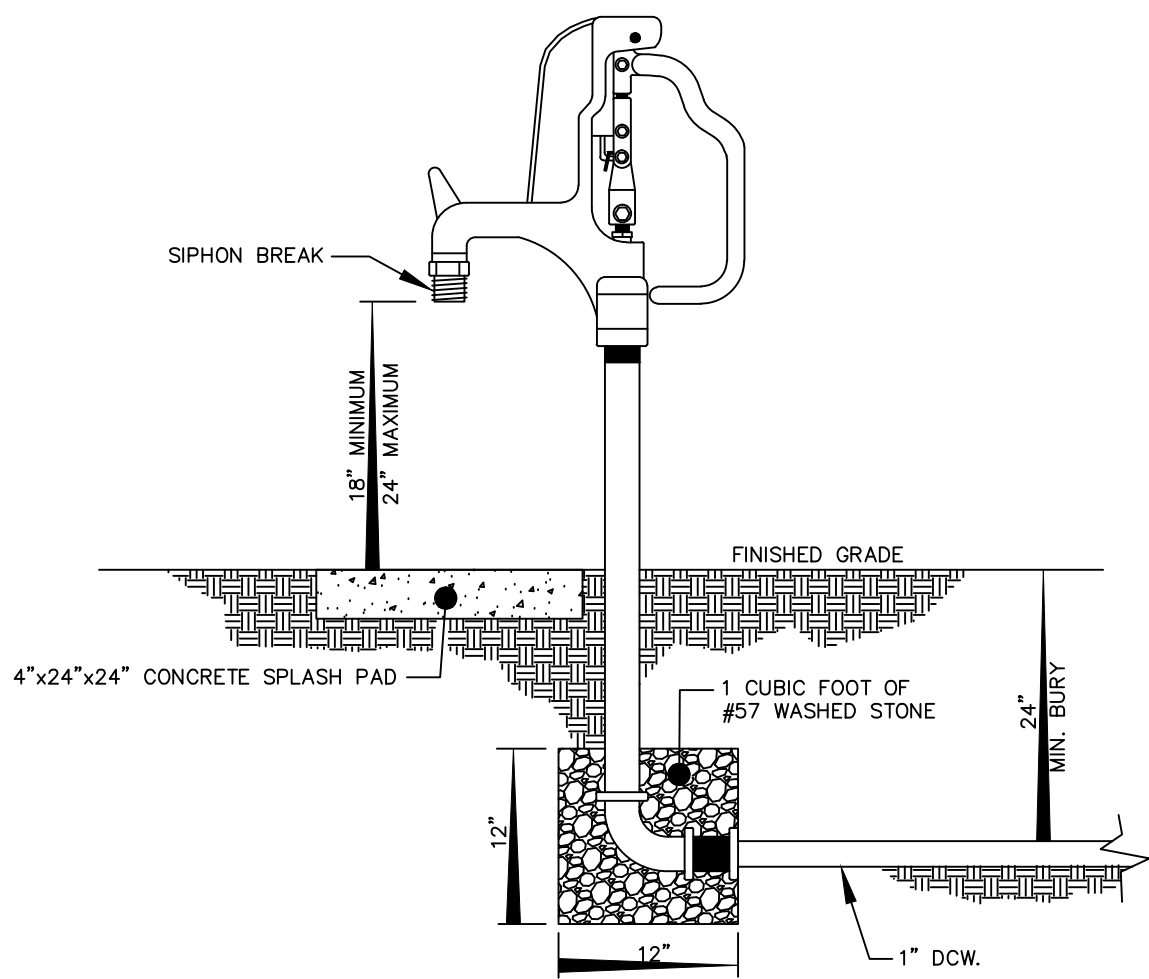
MULTIPLE FIXTURES			
FIXTURE UNIT TABULATION			
FIXTURE	COLD	HOT	
VALVE WATER CLOSET	10	--	
TANK WATER CLOSET	5	--	
URINAL	5	--	
LAVATORY/SINK	1.5	1.5	
JANITOR'S SINK	3	3	
SHOWER/BATH/TUB	2	2	

PROVIDE WATER HAMMER ARRESTERS BY SIOUX CHIEF, PRECISION PLUMBING PRODUCTS, WATTS OR APPROVED EQUIVALENT WITH PISTON AND O-RING CONSTRUCTION, HAVING PDI #WH-201, ASSE #1010 AND ANSI #A112.26.1M CERTIFICATION. INSTALL IN HORIZONTAL OR VERTICAL POSITION, BUT NEVER UPSIDE DOWN. INSTALL IN LINE WITH WATER FLOW DIRECTION IF POSSIBLE. SIZE THE UNITS AS SHOWN ON THE DRAWINGS AND/OR PER THE TABLES SHOWN ABOVE. PROVIDE ACCESS PANEL FOR SERVICING OR REPLACEMENT, WHERE REQUIRED.

NOTE: INSTALL AT WATER CLOSETS, LAVATORIES, WASHING MACHINE BOX, SINKS, DISHWASHERS, & WATER HEATERS AS NOTED IN SPEC'S.

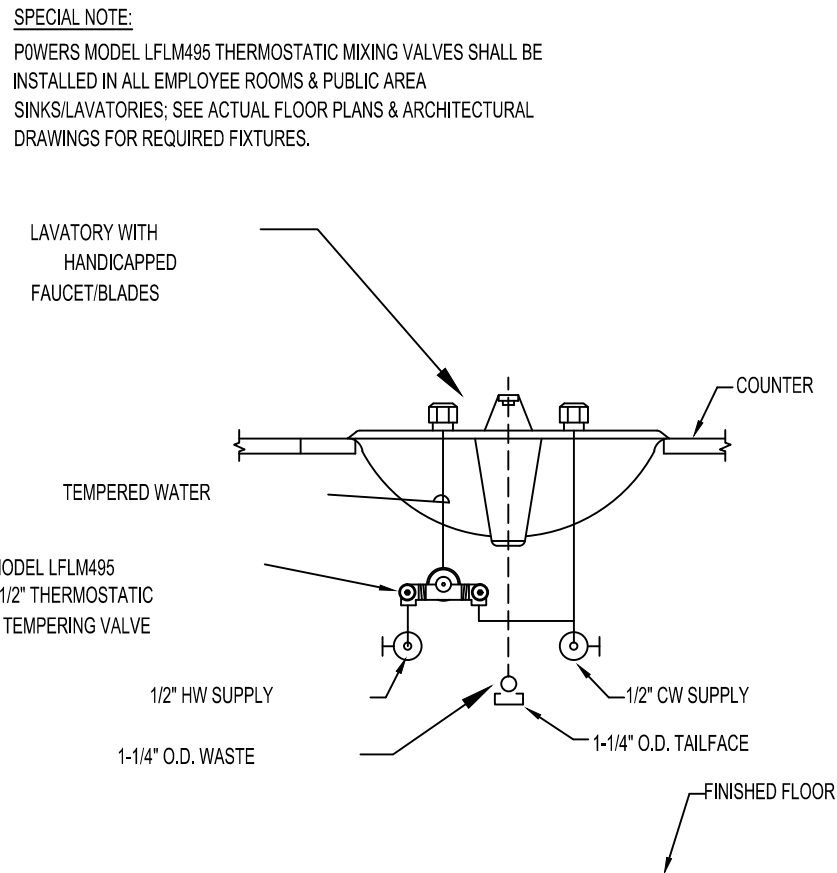
WATER HAMMER ARRESTOR DETAIL

NOT TO SCALE



YARD HYDRANT DETAIL (YHY)

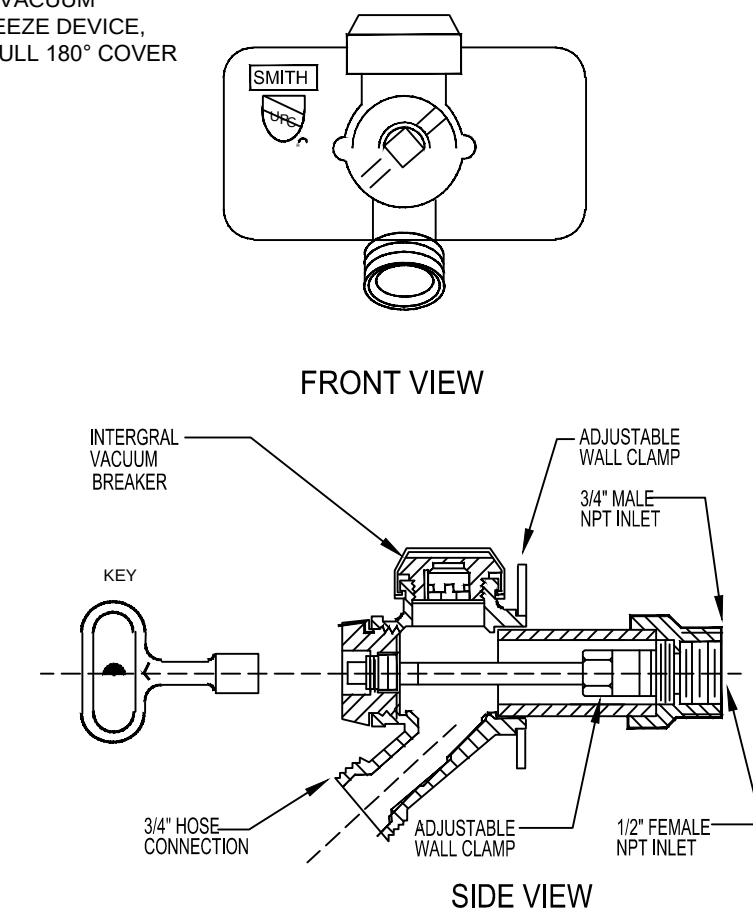
N.T.S.



LOCAL MIXING VALVE DETAIL

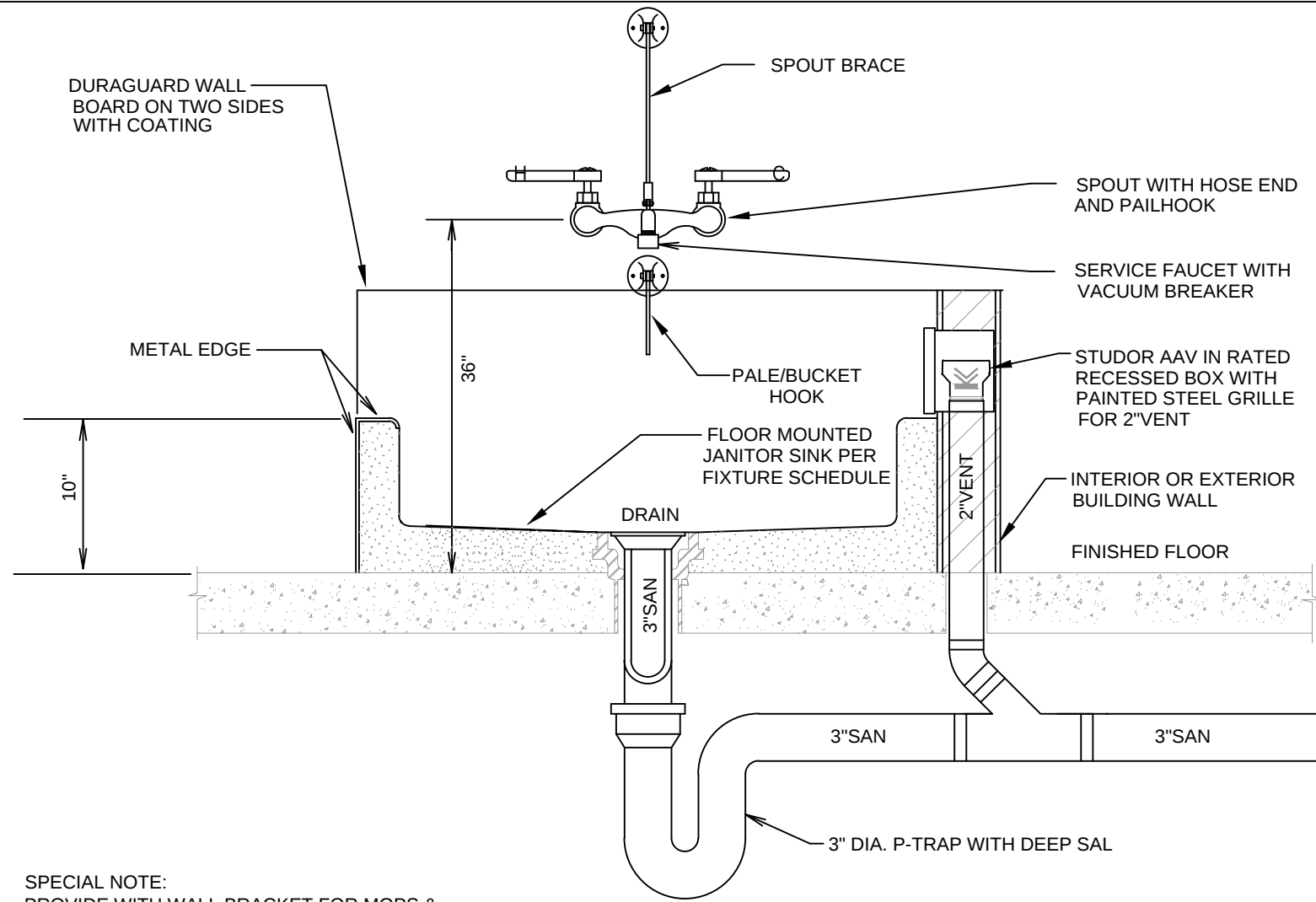
NTS

NOTES:
1. TURN PIPING UP INSIDE WALL AS REQUIRED WITH BOX ANCHORED TO WALL SYSTEM
2. WITH INTEGRAL VACUUM BREAKER, NON-FREEZE DEVICE, "T" HANDLE KEY & FULL 180° COVER OPENING



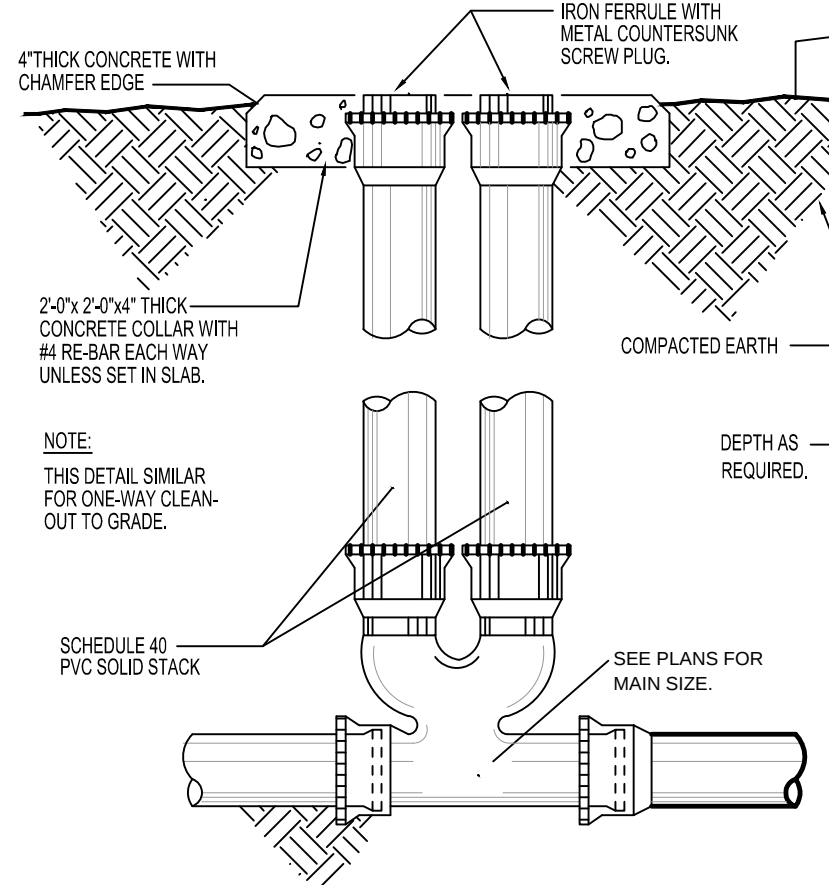
TYPICAL WALL HYDRANT DETAIL

NTS



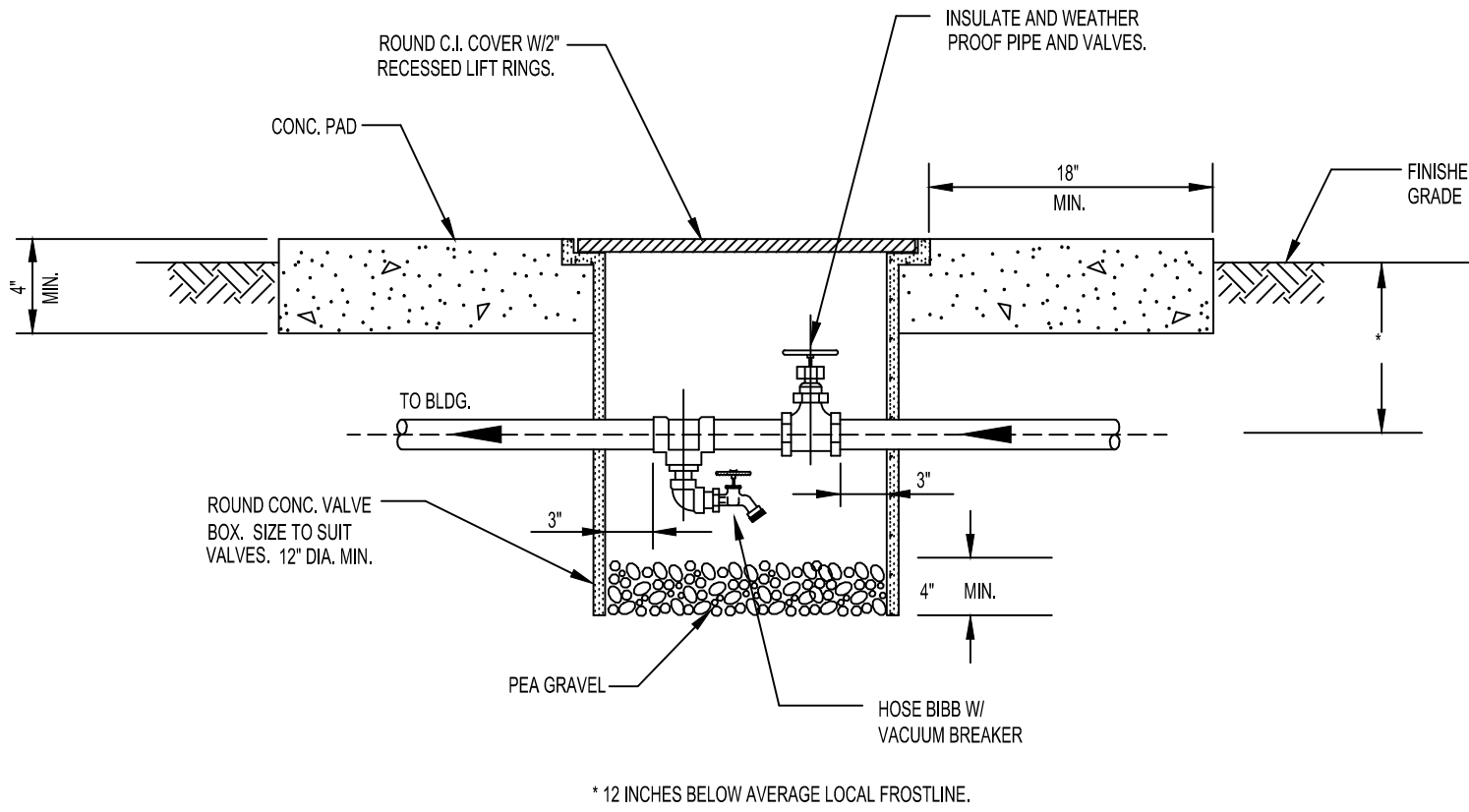
JANITOR MOP SINK DETAIL (JC1)

N.T.S.



OUTSIDE CLEANOUT DETAIL

NOT TO SCALE



TYPICAL ISOLATION GROUND VALVE BOX DETAIL

N.T.S.

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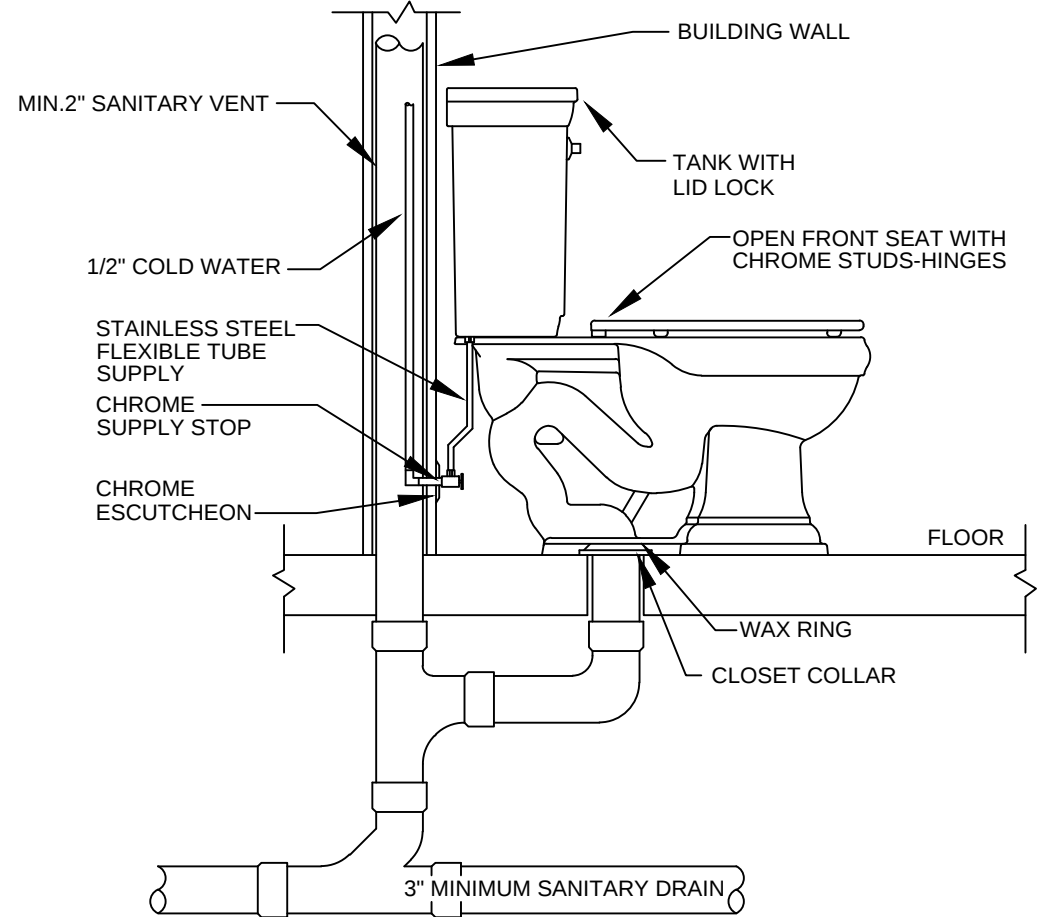
MUTUAL AID STAGING & COORDINATION FACILITY
FOR
TALQUIN ELECTRIC COOPERATIVE, INC.
30270 BLUE STAR HIGHWAY GADSDEN COUNTY, FLORIDA

DATE: 7-7-25
REV:

JOB NO: 23-002

P2.1

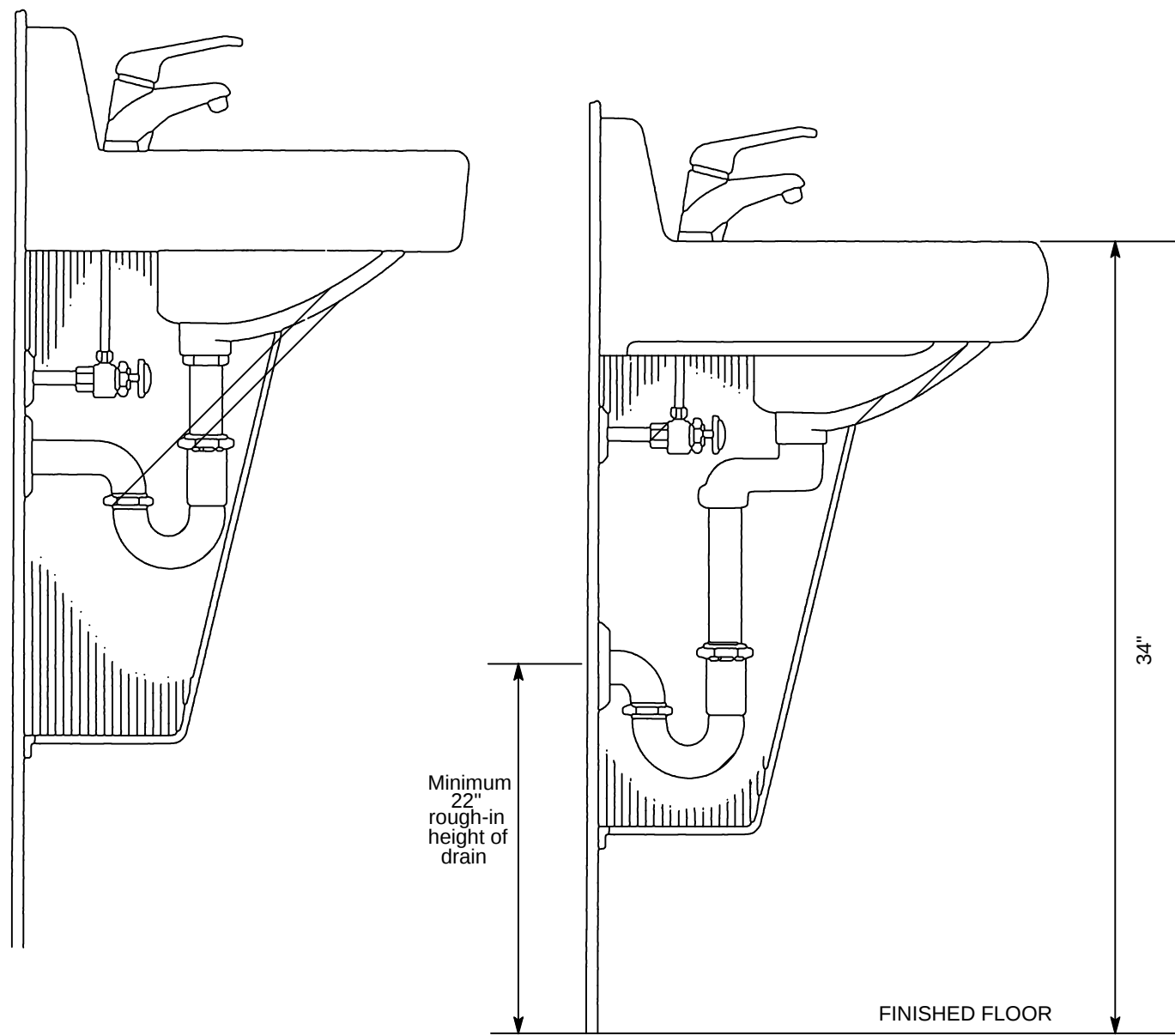
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NOTE:
REFER TO FIXTURE MANUFACTURER ROUGH-IN DATA SHEETS FOR
DIMENSIONAL INFORMATION.

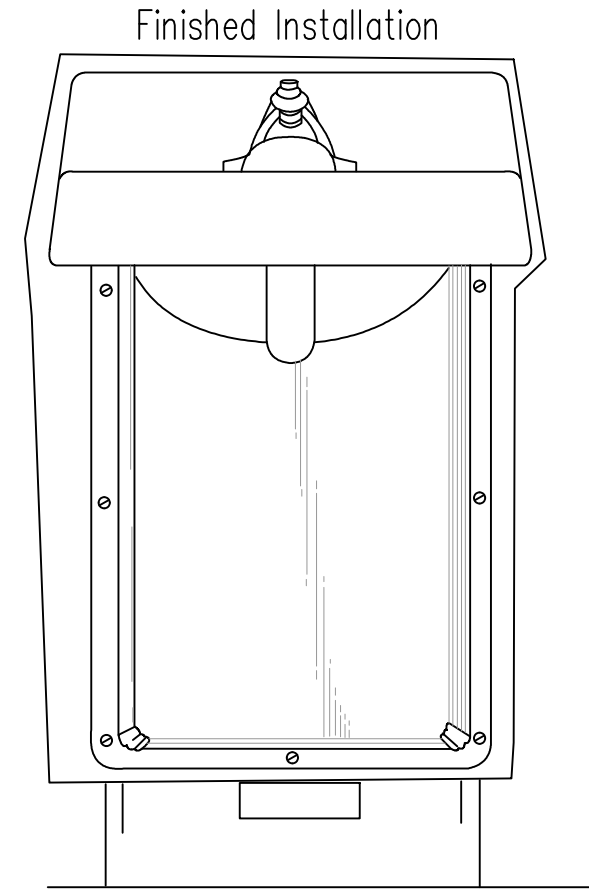
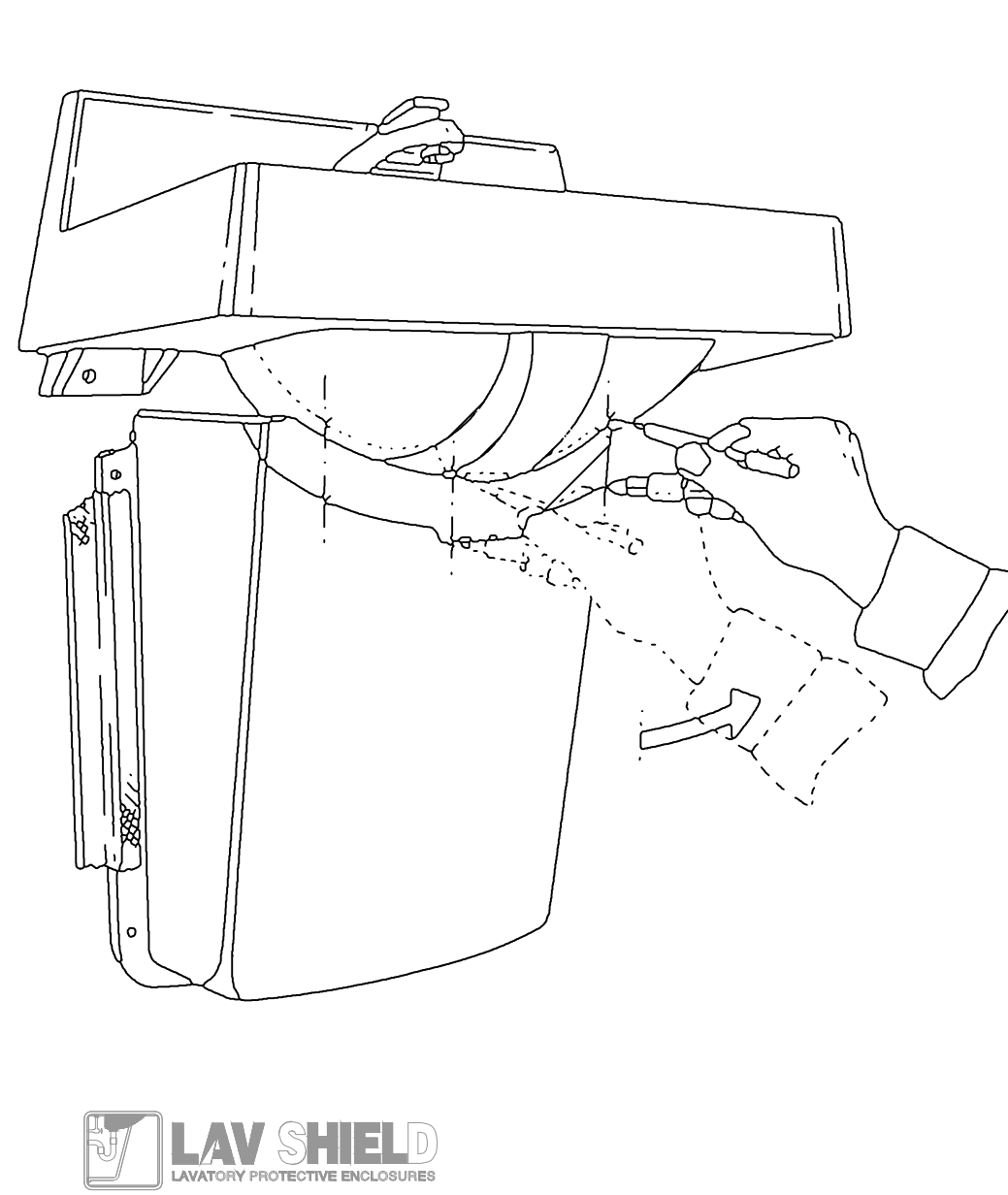
TYPICAL TANK TYPE WATER
CLOSET DETAIL

NOT TO SCALE



TYPICAL "LAV-SHIELD" LAVATORY-SINK PER 2014 FLORIDA ACCESSIBILITY CODE

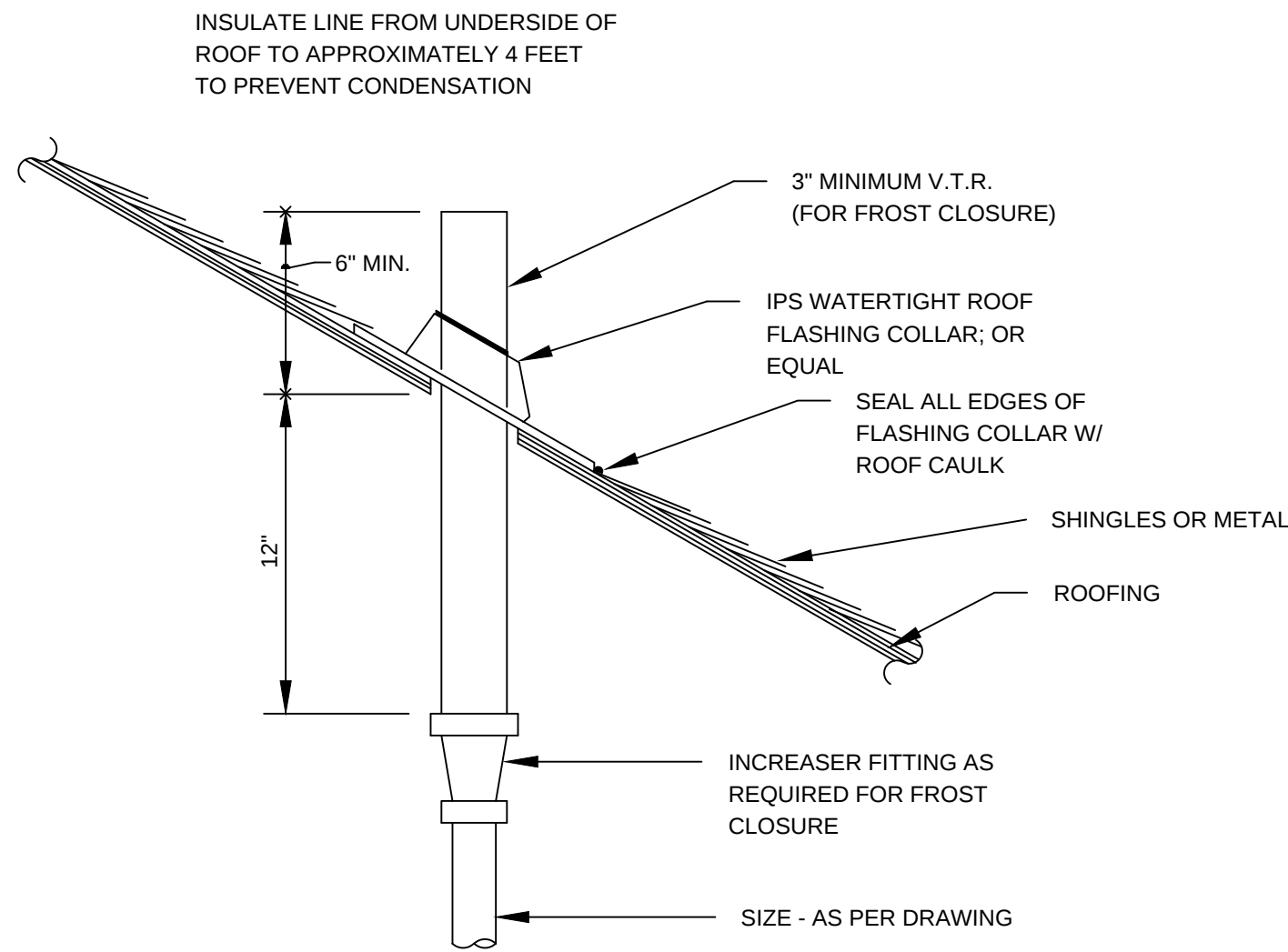
NOT TO SCALE



Standard Installation:
The Lav Shields designed to be used
in combination with ADA conforming
20" x 16" wall-hung china lavatories
with waste outlets a maximum of 8.5"
from wall (Illustration #1).

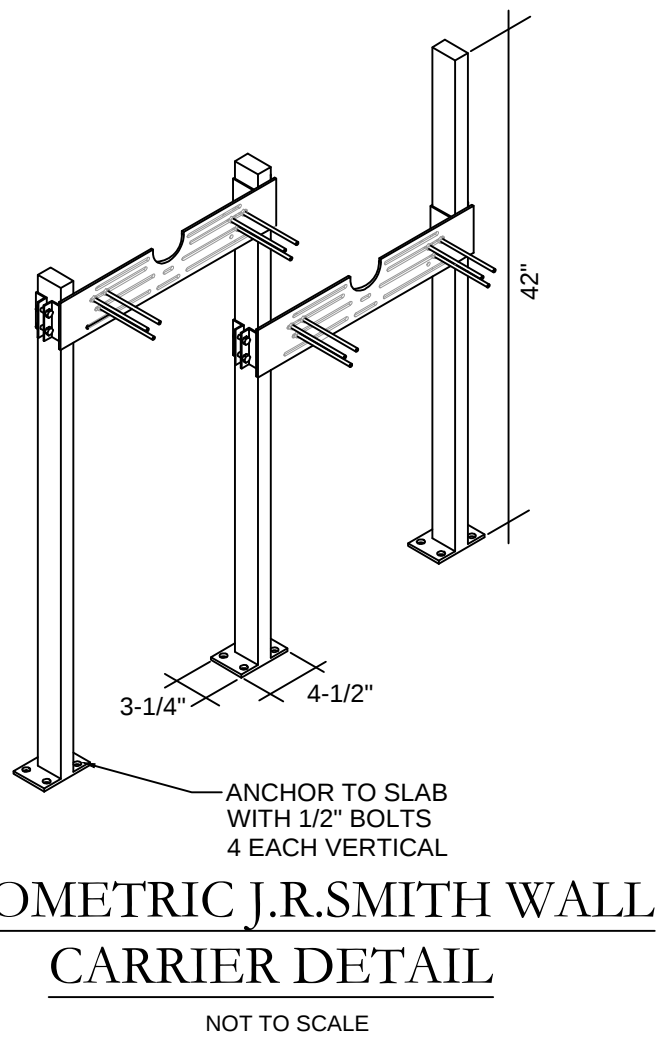
Installation Variations:
If drain rough-in is less than 22" from
floor or P-trap interferes with slanted
front surface of Lav Shield, complete
installation by flexing Lav Shield into
place (for minor interference) or modify
drain piping with offset tailpiece piping

Installation Note:
Depending on the make and model of the
lavatory, some scabbing and coping may be
required for satisfactory fit to underside of
lavatory.



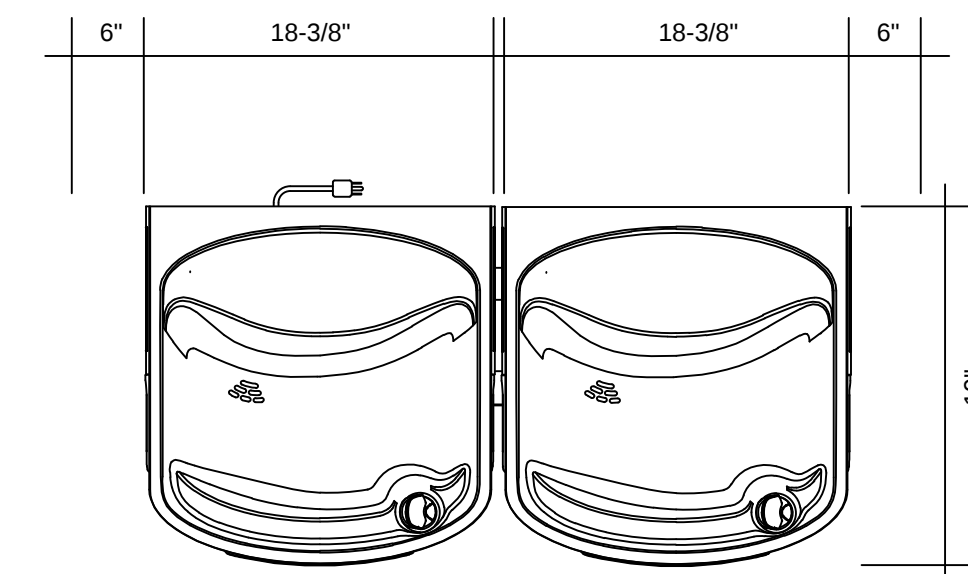
PLUMBING VENT THROUGH
PITCHED ROOF DETAIL

NOT TO SCALE



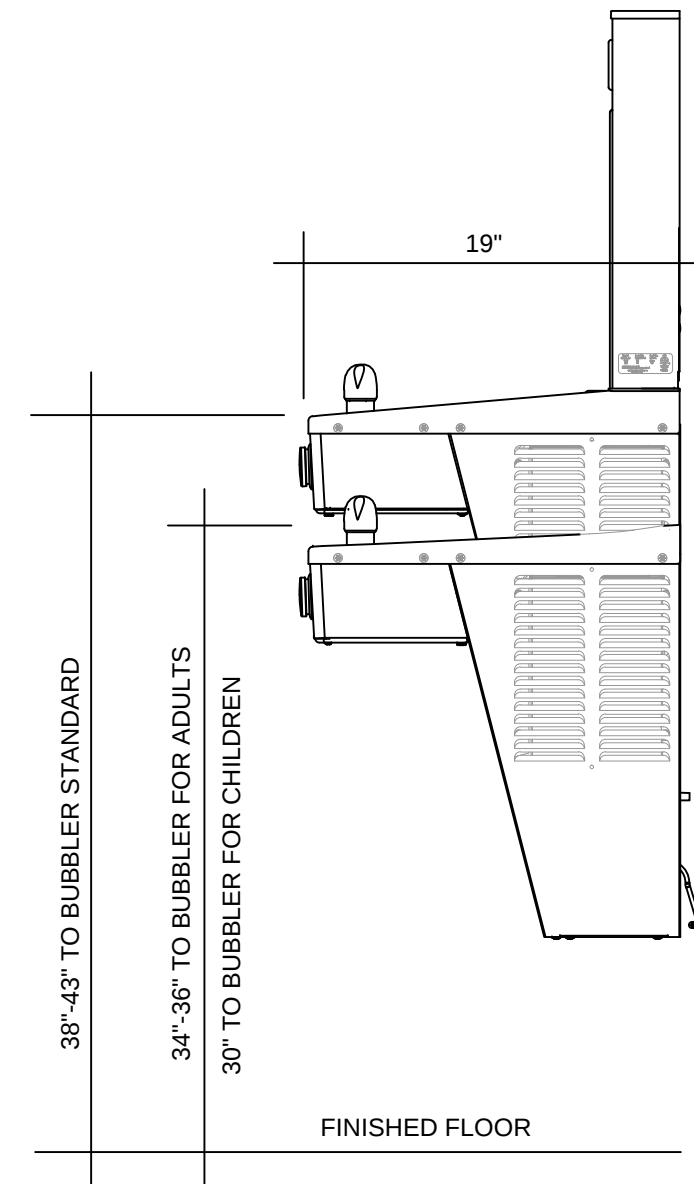
ISOMETRIC J.R.SMITH WALL
CARRIER DETAIL

NOT TO SCALE



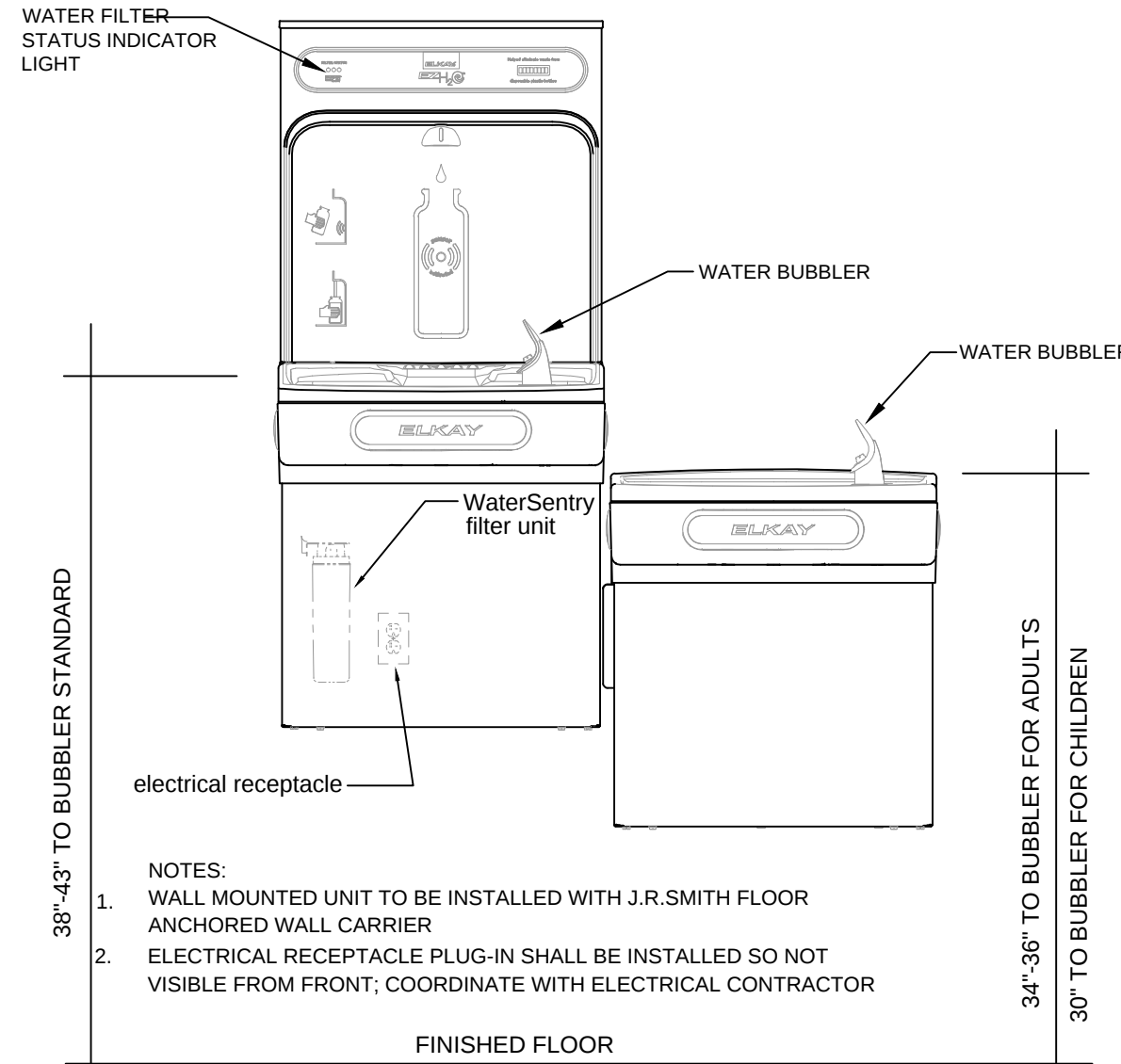
TOP VIEW HI-LO ELECTRIC WATER
COOLER MOUNTING HEIGHT

NOT TO SCALE



SIDE VIEW HI-LO ELECTRIC WATER
COOLER MOUNTING HEIGHT

NOT TO SCALE

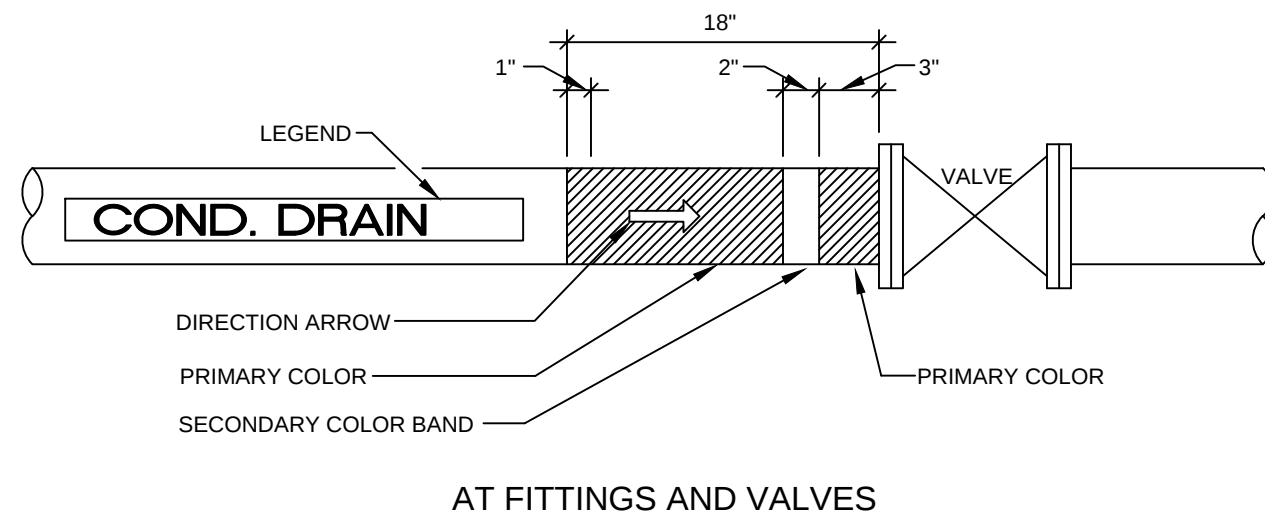


FRONT VIEW
ELECTRIC WATER COOLER with BOTTLE
WATER FILLER MOUNTING HEIGHT

NOT TO SCALE

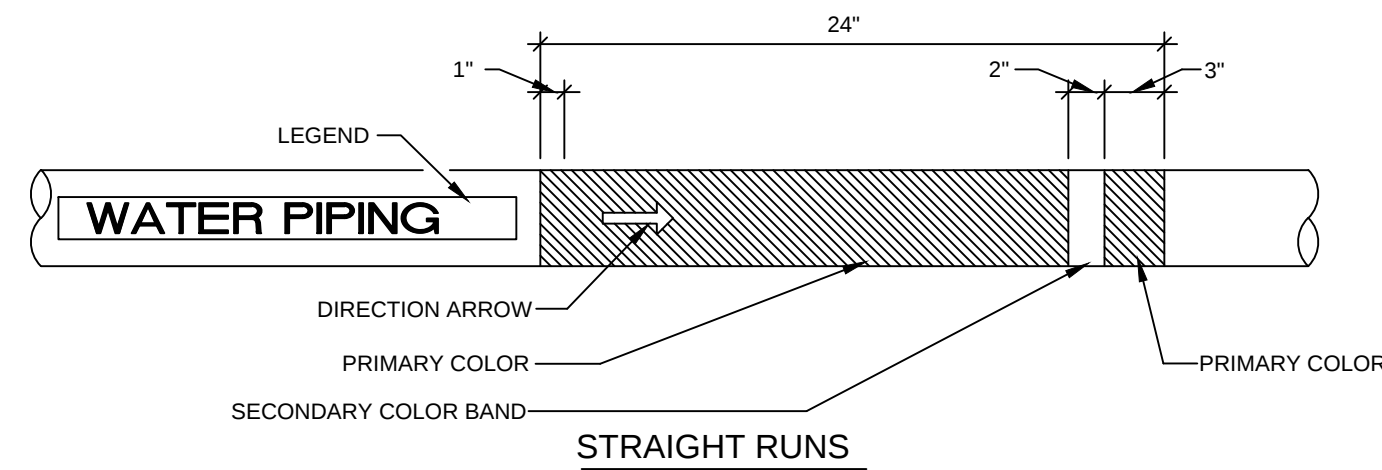
ELECTRIC WATER COOLER MOUNTING
HEIGHT BASED ON 2014 FLORIDA ACCESSIBILITY CODE

NOT TO SCALE



PIPE IDENTIFICATION LABELING DETAIL

N.T.S.



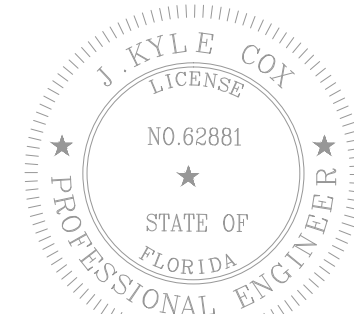
1. PAINTING OF PRIMARY AND SECONDARY MARKING BANDS FOR
IDENTIFICATION OF PIPES BY DIVISION 220100-230100
2. STENCILLING OF DIRECTION ARROWS AND LEGEND BY
DIVISION 220100-230100.
3. PIPE PAINTING BY DIVISION 220100-230100.

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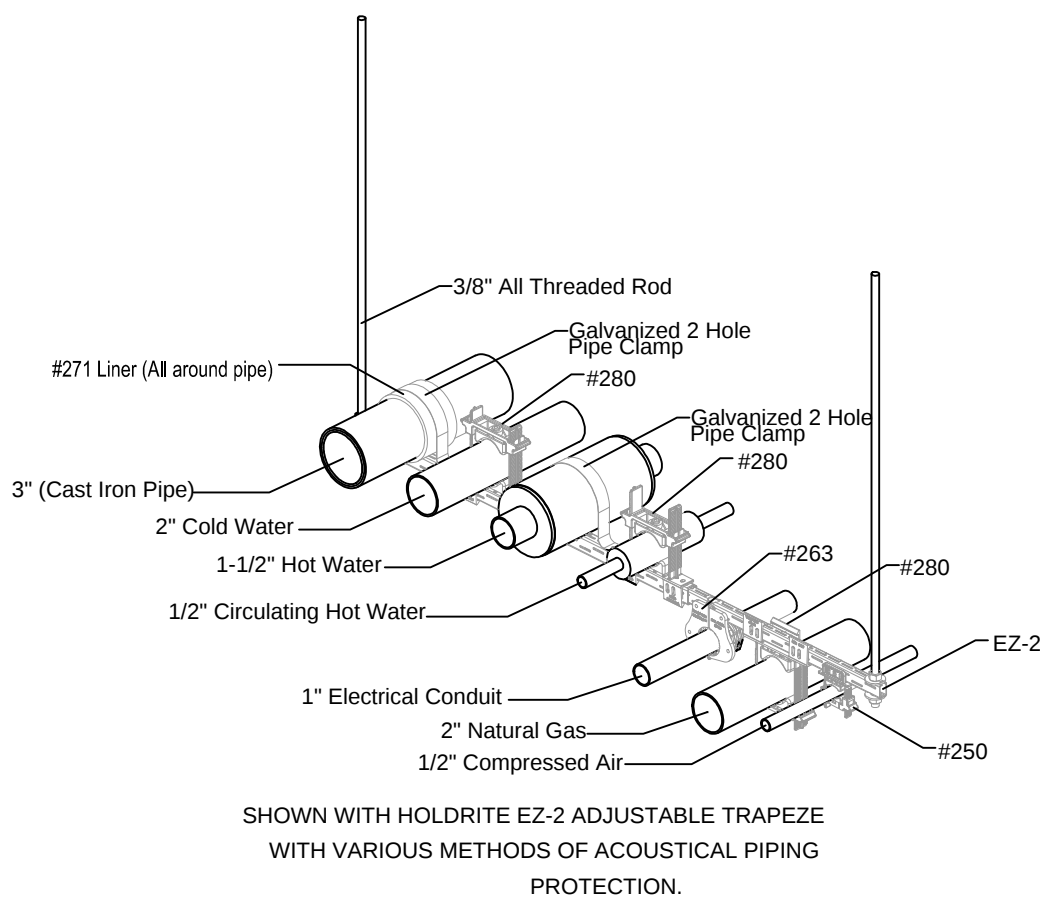
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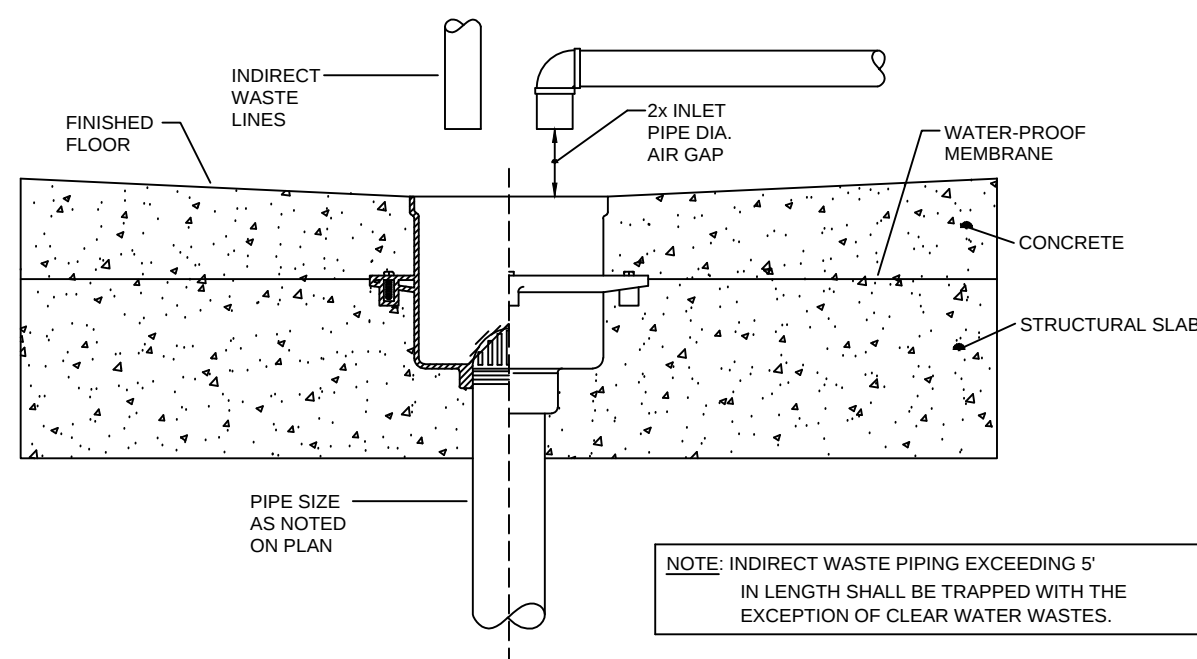
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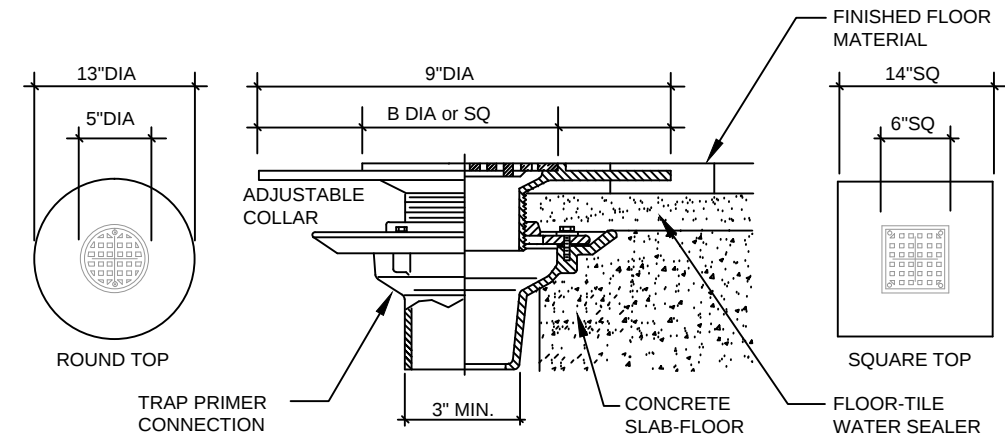
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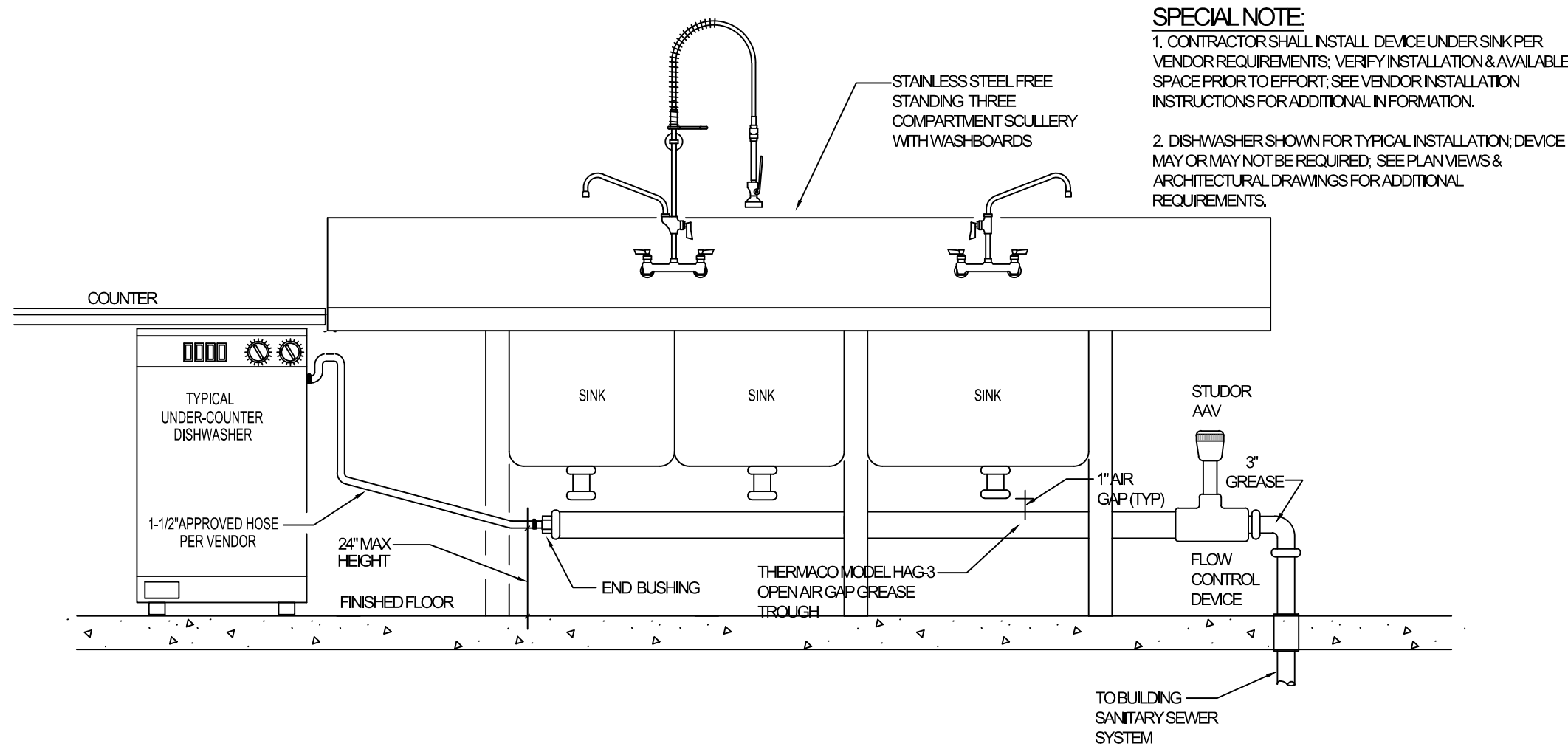
OVERHEAD TRAPEZE PIPING
VIBRATION DETAIL
NTS



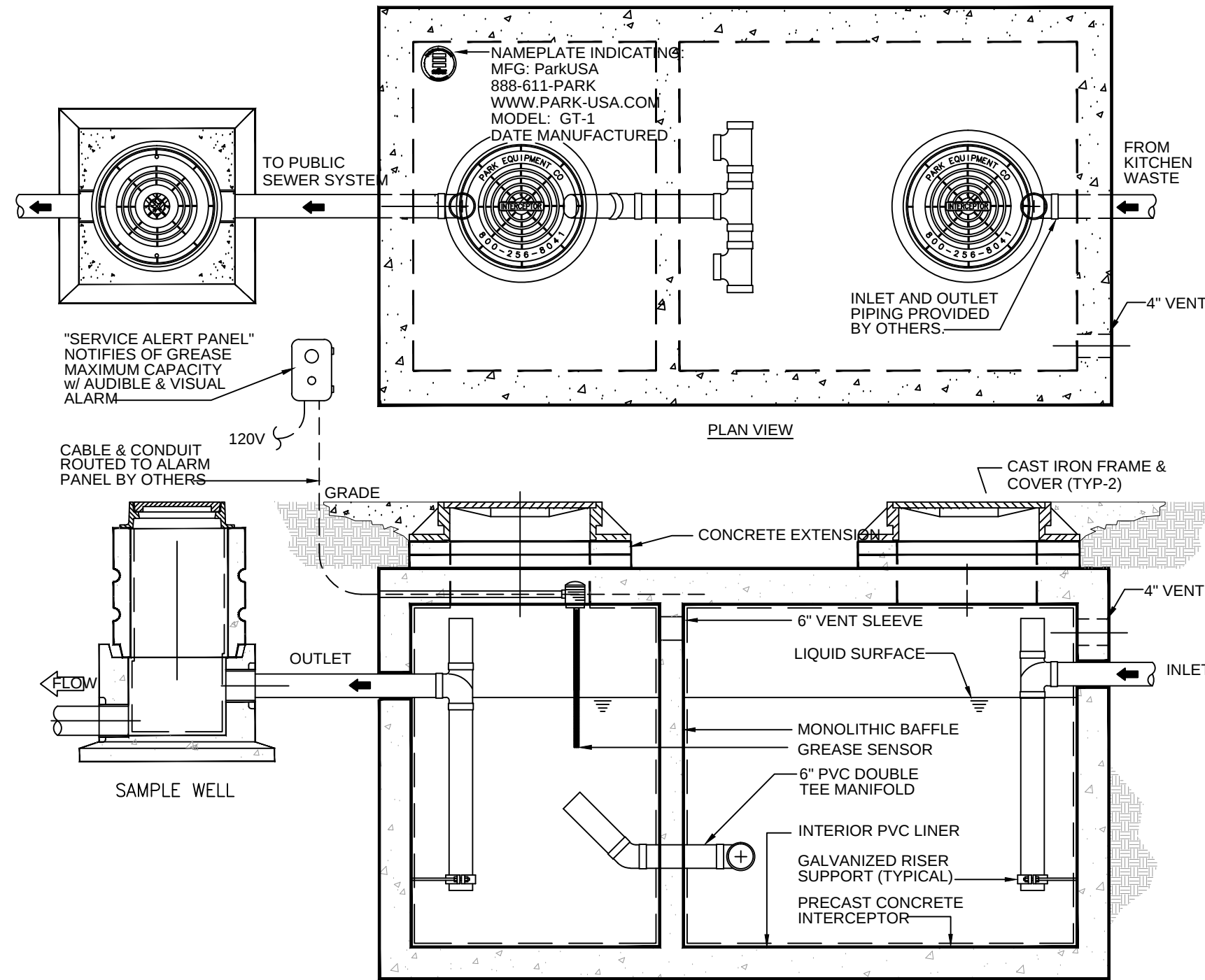
TYPICAL FLOOR SINK (FS1) DETAIL
NOT TO SCALE



TYPICAL FLOOR DRAIN (FD1) DETAIL
NTS

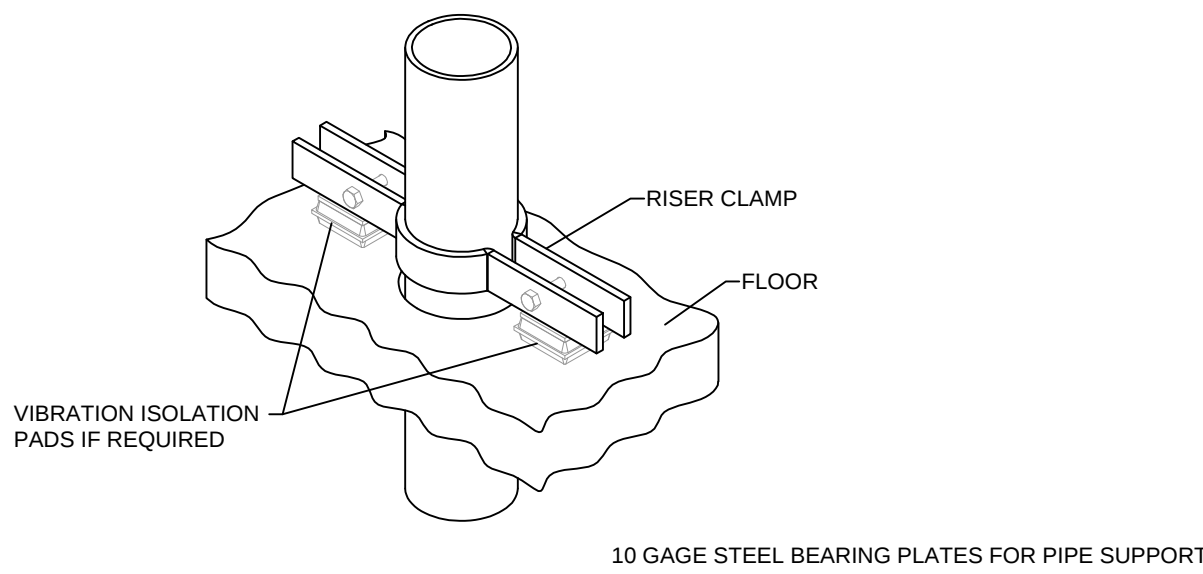


THREE COMPARTMENT SINK & DISHWASHER INSTALLATION DETAIL
NTS

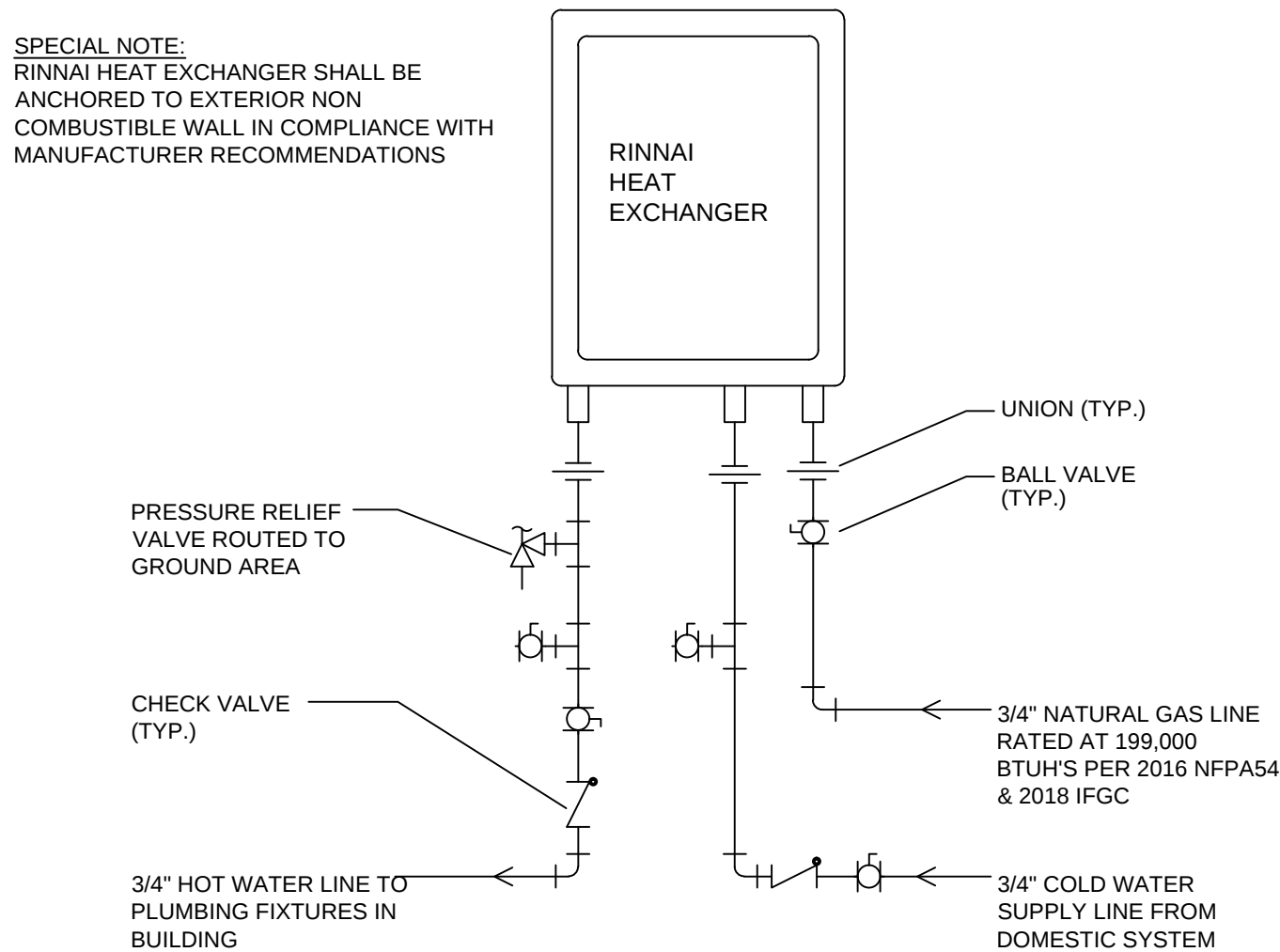


GREASE INTERCEPTOR SCHEDULE									
MODEL NO.	CAPACITY USGal	GREASE CAP. (LBS)	EMPTY WT (LBS)	LENGTH L	WIDTH W	HEIGHT H	INLET FL1	OUTLET FL2	
GT-750	750	1,700	9,900	7'-10"	4'-4"	6'-0"	4'-5"	4'-2"	

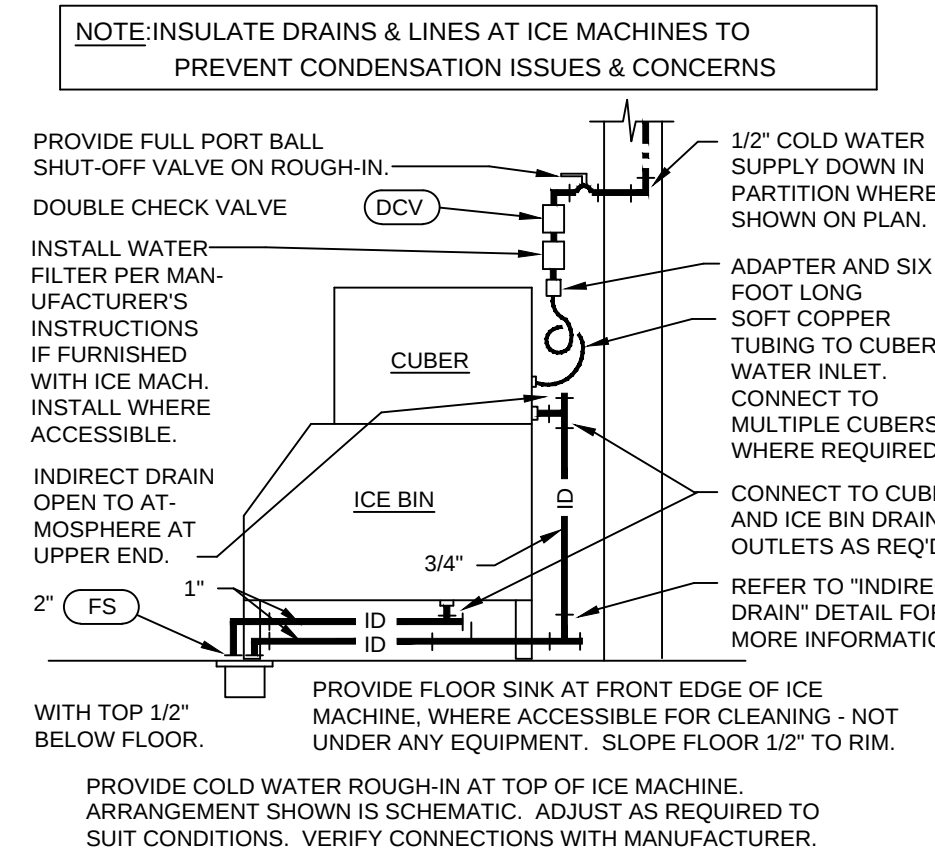
GT-1 GREASE INTERCEPTOR DETAIL (750 GALLONS)
NOT TO SCALE



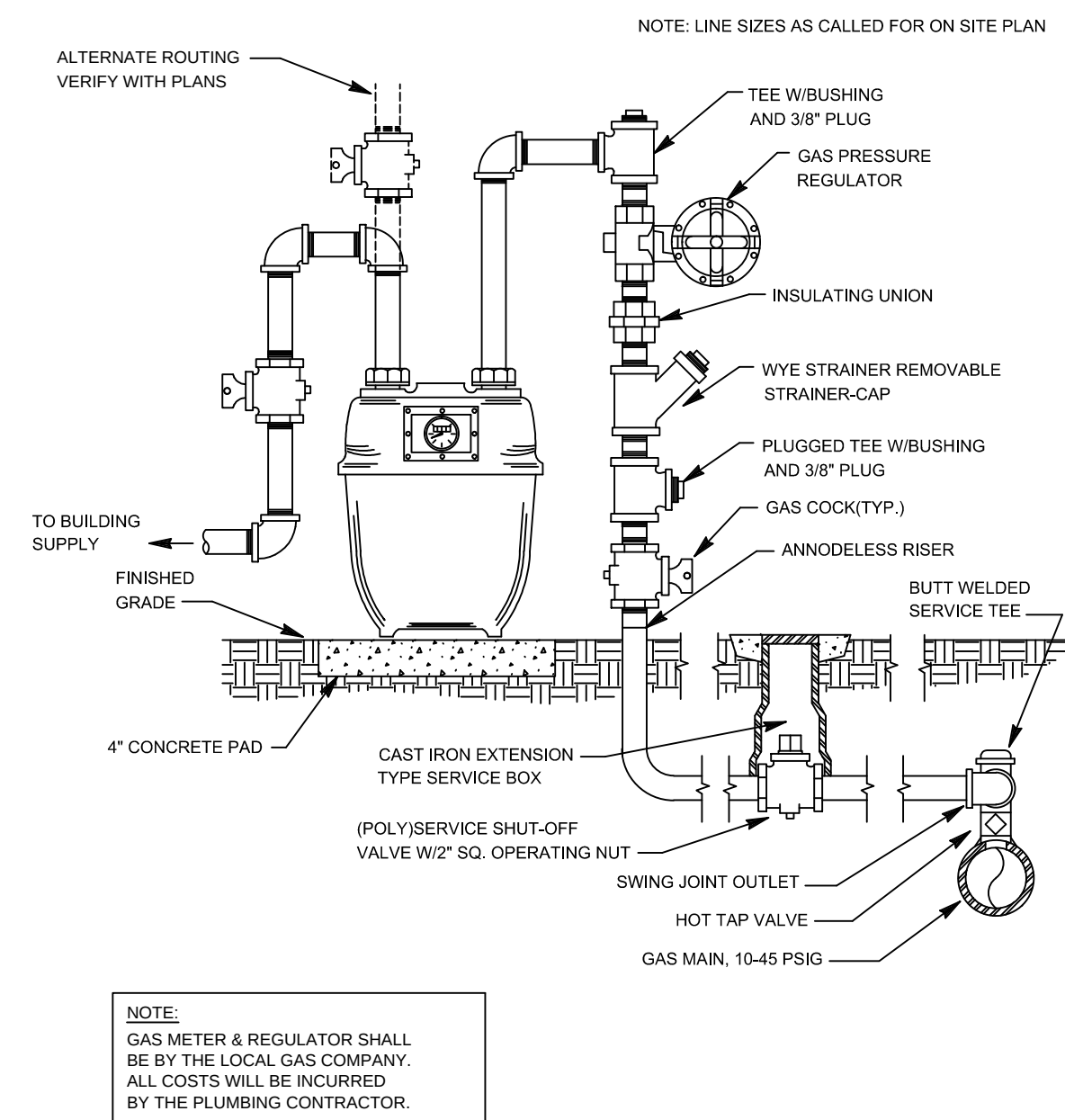
RISER CLAMP ISOLATION
MEMBER VIBRATION DETAIL
NTS



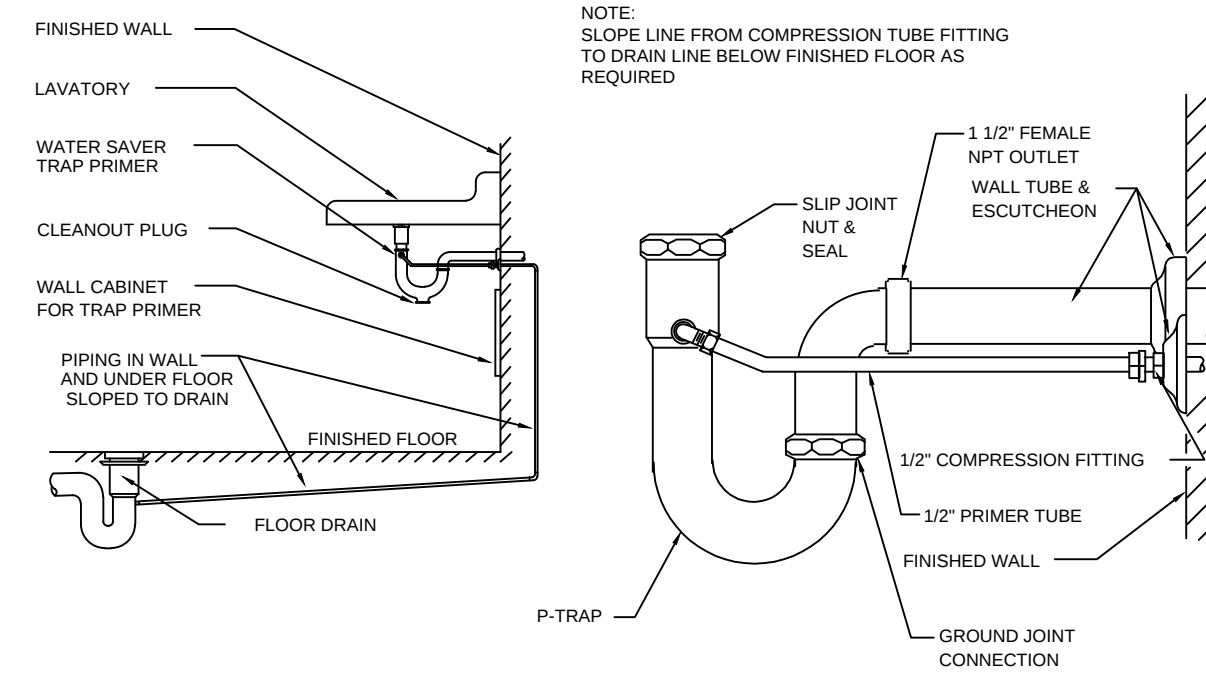
NATURAL GAS INST. WATER HEATER DETAIL
NOT TO SCALE



ICE MACHINE CONNECTION DETAIL
NOT TO SCALE



TYPICAL GAS SERVICE CONNECTION DETAIL
N.T.S.



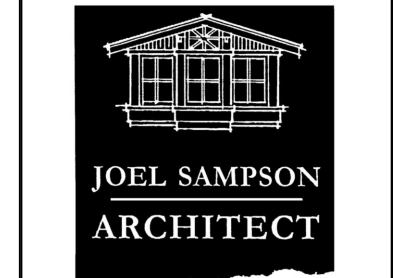
TYPICAL TRAP PRIMER FOR FD-1
GUEST ROOM DETAIL
NTS

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MUTUAL AID STAGING & COORDINATION FACILITY
FOR
TALQUIN ELECTRIC COOPERATIVE, INC.
30270 BLUE STAR HIGHWAY GADSDEN COUNTY, FLORIDA

DATE: 7-7-25
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