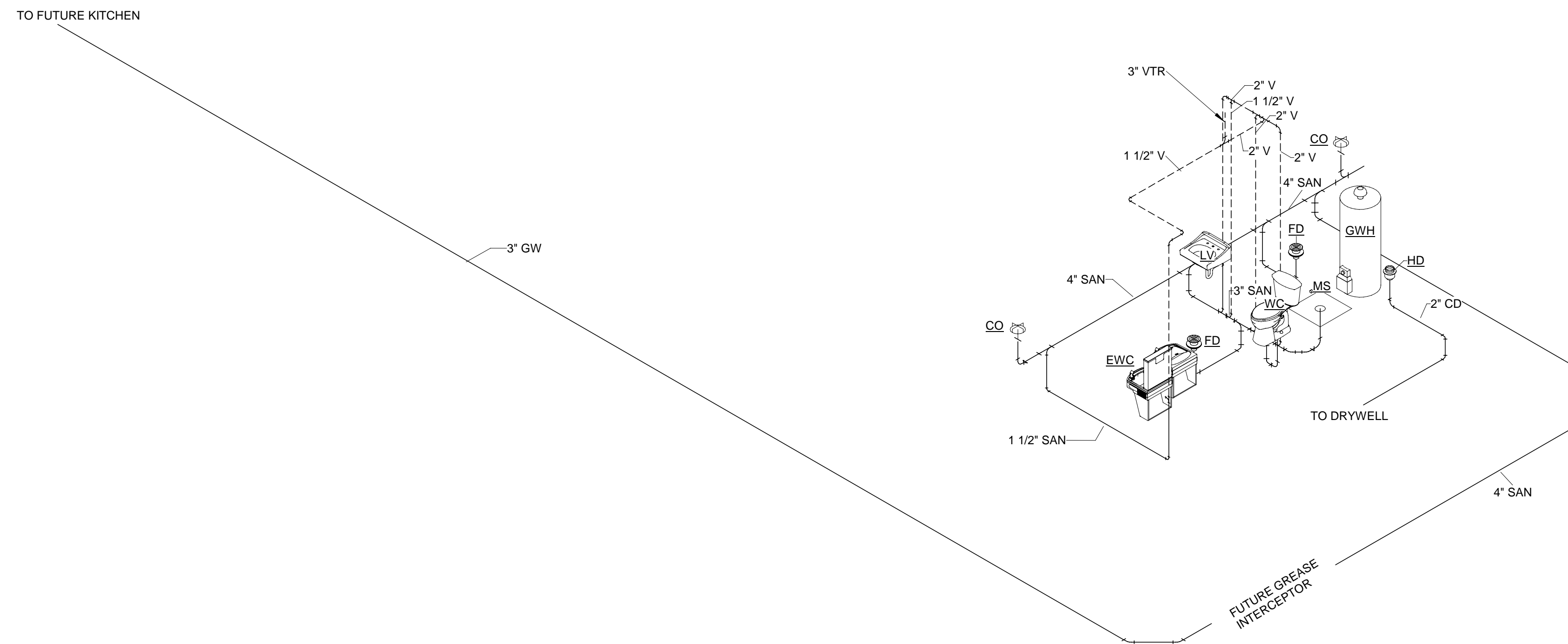


**1 FLOOR PLAN - PLUMBING - SANITARY**  
 Scale: 3/16" = 1'-0"



**2 SANITARY RISER**  
 No Scale

SANITARY RENOVATION NOTES		DATE:
1.	SANITARY SEWER SYSTEM HAS BEEN DESIGNED & ROUTED WITH COORDINATION OF STRUCTURAL FOOTERS & FOUNDATION PLANS. THESE DOCUMENTS SHOULD BE FIELD VERIFIED PRIOR TO INSTALLATION TO ASSURE COMPLIANCE.	
2.	FIELD VERIFY EXISTING SANITARY PRIOR TO COMMENCEMENT OF WORK.	

PLUMBING RENOVATION KEYED NOTES		DATE:
1	PLUMBING CONTRACTOR SHALL COORDINATE WITH CIVIL TEAM FOR CONNECTION TO MUNICIPAL SEWER CONNECTION LOCATION PAST INDICATED POINT. AT POINT INDICATED, ELEVATION INVERT SHALL BE EQUAL TO 36" B.F.F WITH FARTHEST FIXTURE ELEVATION INVERT STARTING AT 18" B.F.F. ENGINEERED INVERT UP TO 5 FEET OUTSIDE OF BUILDING.	
2	3" VENT TO ROOF. PLUMBING CONTRACTOR SHALL VERIFY AT LEAST 10 FEET HORIZONTAL DISTANCE TO OUTSIDE AIR INTAKES.	
3	REFER TO PLUMBING FIXTURE SCHEDULE FOR EXACT PLUMBING CONNECTIONS.	
4	ROUTE CONDENSATE OUT TO CONDENSATE DRYWELL. REFER TO DETAIL.	
5	ANTICIPATED GREASE INTERCEPTOR LOCATION. FUTURE SELECTION BY OWNER.	
6	CONTRACTOR SHALL PROVIDE GREASE STUB-OUT FOR FUTURE CONNECTIONS. CAP AND SEAL WATER AND AIR TIGHT.	

PHASE:	DRAWN:	REVIEWED:	DATE:	ID:	REVISION:
ADVANCED SCHEMA DESIGN	LU	REGI	01/02/2023		
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100% CONSTRUCTION DOCS	LU	REGI	02/02/2024		

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Client:  
**City of Tallahassee**  
 Tallahassee, FL

Job Title:  
**1309 Alabama Street**

Consultant:  
**FSM Engineering**  
Professional Engineers, P.L.L.C.

Seal:  
**NOT FOR CONSTRUCTION**  
 Project #: **21423.4**  
 Phase: **100% Construction Documents**

**ALW**  
 Architects Lewis + Whitlock  
 206 West Virginia St.  
 Tallahassee, Florida 32301  
 850.942.1718  
 www.think3d.net

Description:  
**FLOOR PLAN - PLUMBING - DRAIN & VENT**

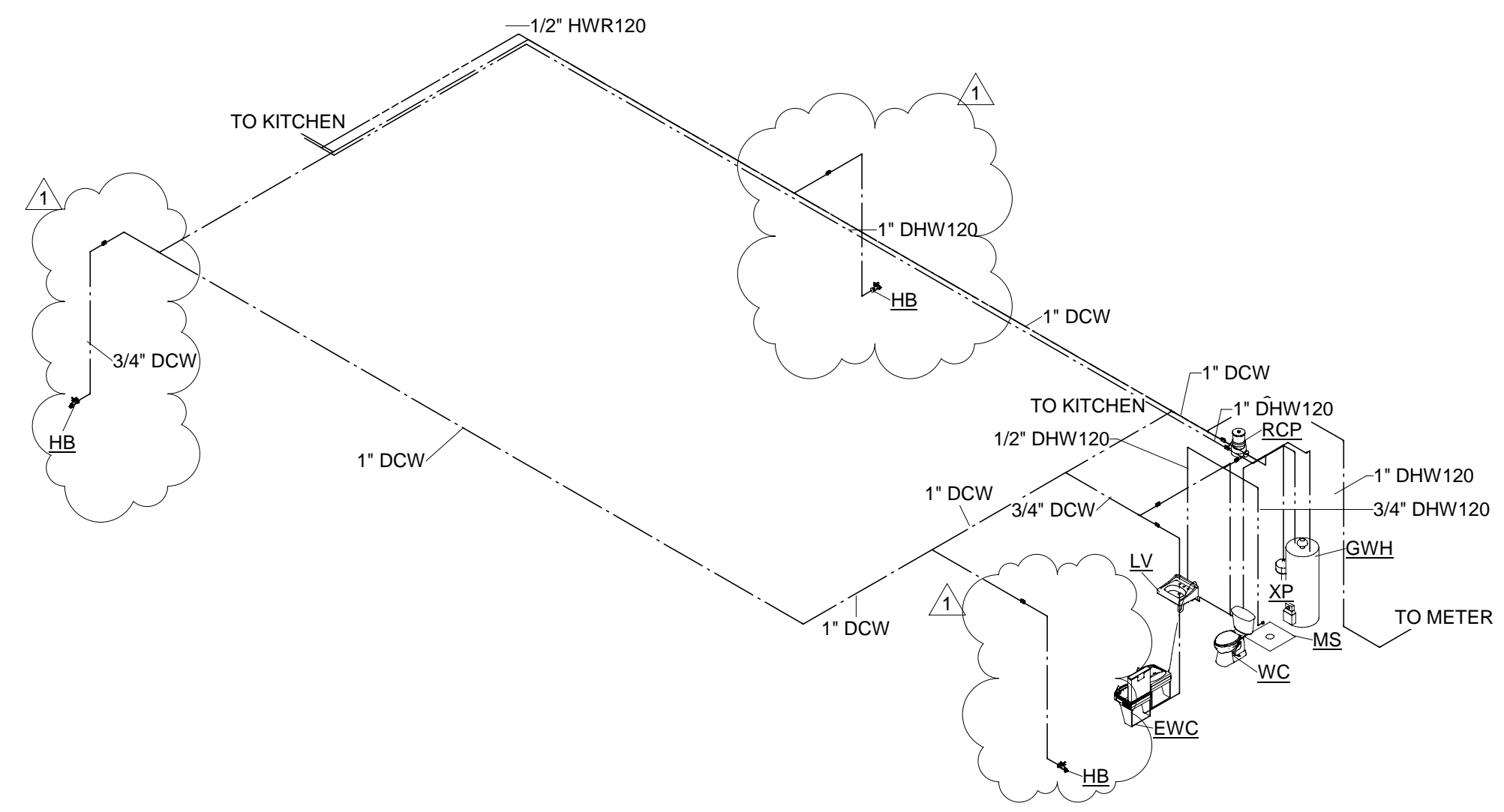
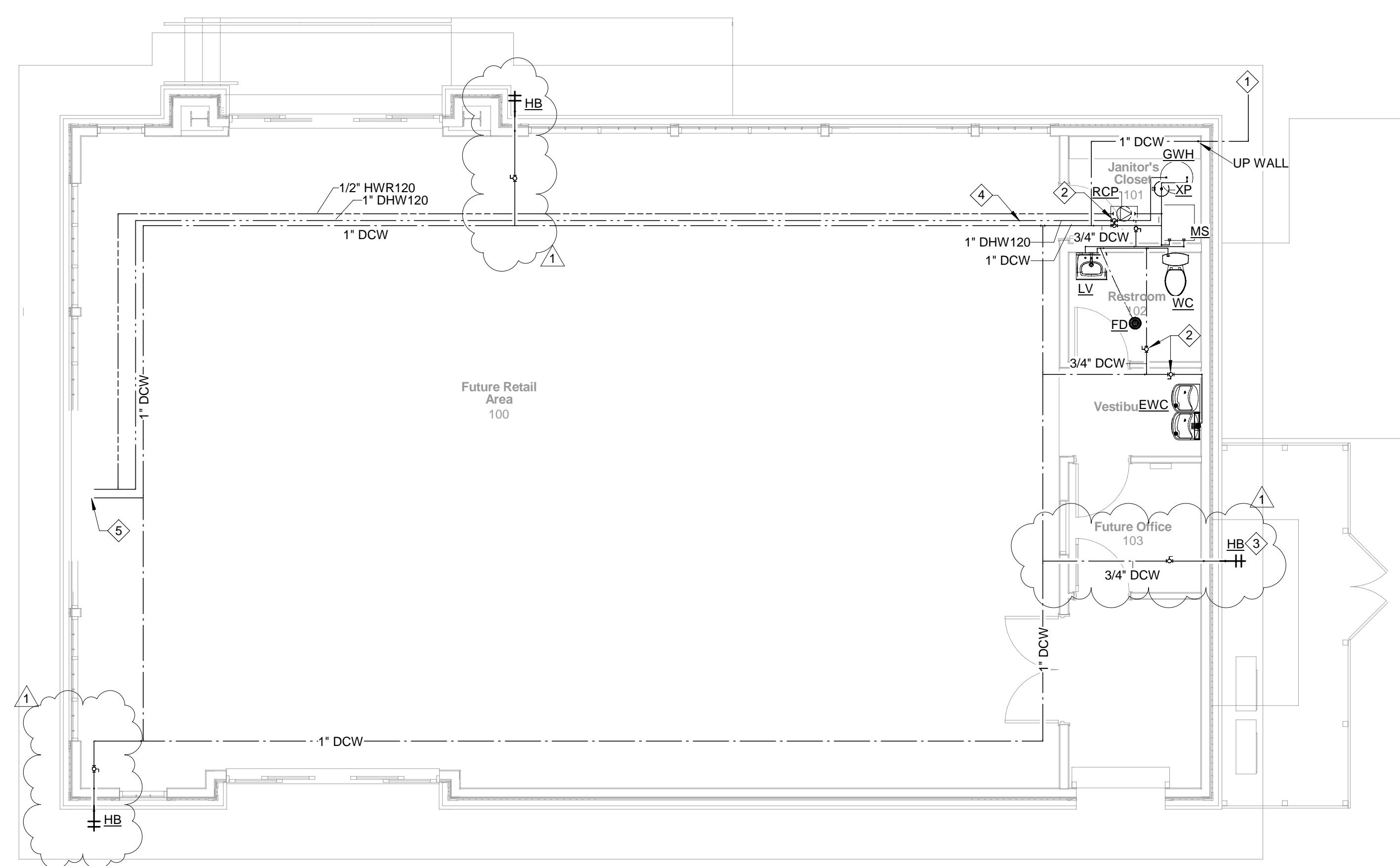
Sheet No.:  
**P101**

PRESSURE RENOVATION NOTES			
1.	WATER PIPING MATERIAL & FITTINGS FROM PLUMBING FIXTURES ON ALL FLOORS SHALL BE EITHER A) COPPER (AS SPEC'D IN PLUMBING MATERIAL SCHEDULE), B) CPVC PRODUCT.	REVIEWED:	DATE: 04/17/2024
2.	ALL HOT WATER & HOT WATER RETURN SYSTEM SHALL BE INSULATED AS INDICATED IN PLUMBING MATERIAL SCHEDULE.	REGI	
3.	ALL FAUCETS SHALL BE EQUIPPED WITH TEMPERATURE & PRESSURE VALVES AS REQUIRED BY ASME-A112.1070-2014, ASSE-1016-2011, ASSE-1017-2014 & ASSE-1070-2014 USING THERMOSTATIC MIXING VALVES; HOT WATER DELIVERED TO MIXING VALVES FROM WATER HEATERS SHALL BE SUPPLIED AT 120F DEGREES IN ORDER TO CONTROL BACTERIA; ADJUSTMENTS MUST BE MADE AT FIXTURES TO ASSURE TEMPERED WATER COMPLIANCE AS SET FORTH BY GOVERNING CODES.	DRAWN:	DATE: 04/17/2024
4.	ALL FAUCETS SHALL HAVE FACTORY BUILT-IN TEMPERATURE LIMIT TO PREVENT SCALDING.	REVISI:	DATE: 04/17/2024
		COMMENTS	

PLUMBING RENOVATION KEYED NOTES			
1	CONTRACTOR SHALL PROVIDE 1" DCW PIPE TO BUILDING. REFER TO BUILDING ENTRANCE DETAIL FOR FITTINGS AND VALVES.	REVIEWED:	DATE: 01/20/2023
2	PROVIDE SHUT OFF VALVES AS SHOWN.	REGI	DATE: 10/02/2023
3	PROVIDE SHUT OFF VALVE IN DCW BRANCH FOR WALL HYDRANT. REFER TO DETAIL, TYPICAL FOR ALL WALL HYDRANTS.	REGI	DATE: 01/17/2024
4	PROVIDE 1/2" DHWR, RECIRC PIPE WITH RECIRCULATION PUMP, ROUTE 1" DHW PIPE TO FUTURE KITCHEN AREA.	REGI	DATE: 02/09/2024
5	PROVIDE 3/4" DCW AND 1" DHW STUBOUT WITH SHUTOFF VALVE.	REGI	

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**1 FLOOR PLAN - PLUMBING - PRESSURE**  
 Scale: 3/16" = 1'-0"

**2 PRESSURE RISER**  
 No Scale

Client: **City of Tallahassee**  
 Tallahassee, FL

Consultant: **FSM Engineering**  
 Tallahassee, FL 32301

Seal: **21423.4**  
 Project #: **100% Construction Documents**

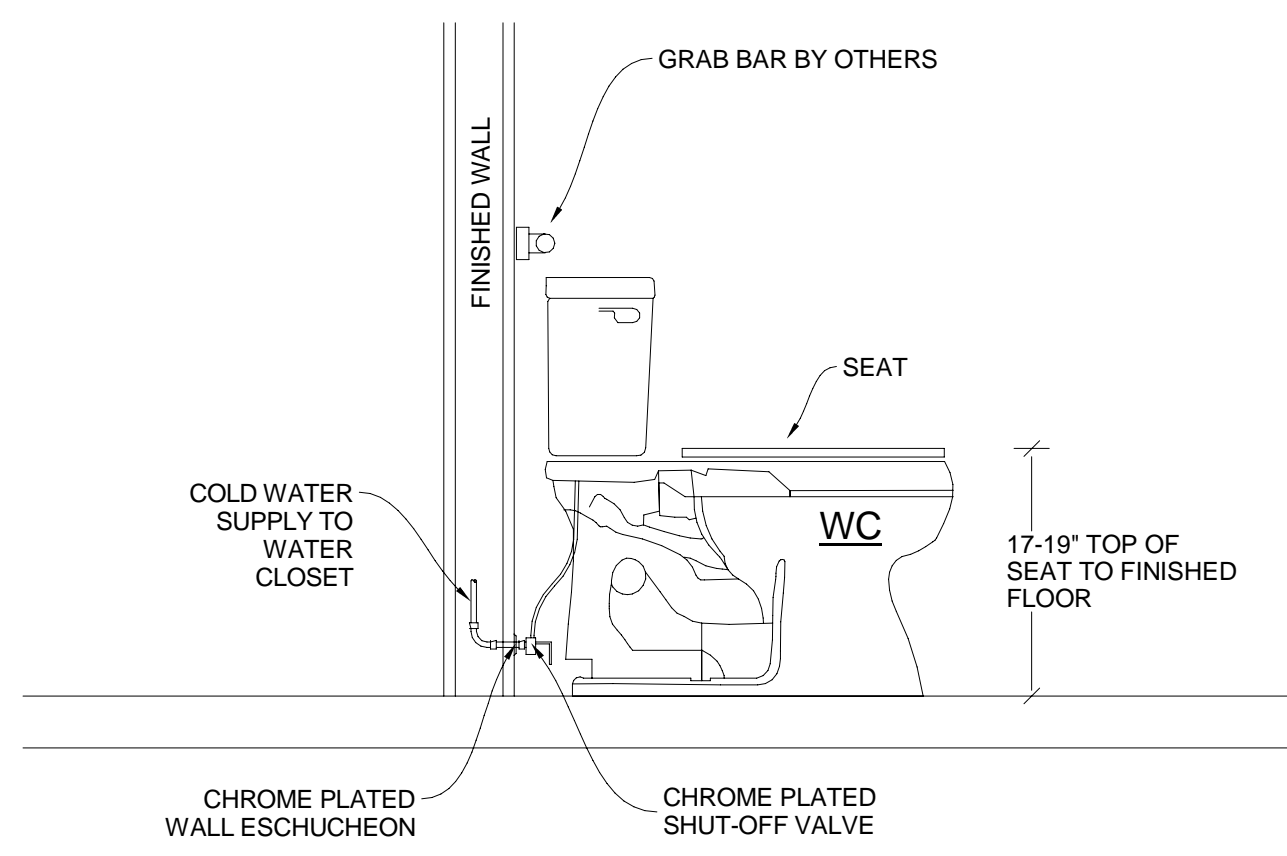
Job Title: **1309 Alabama Street**  
 Tallahassee, FL

Description: **FLOOR PLAN - PLUMBING - PRESSURE**

Sheet No.: **P102**

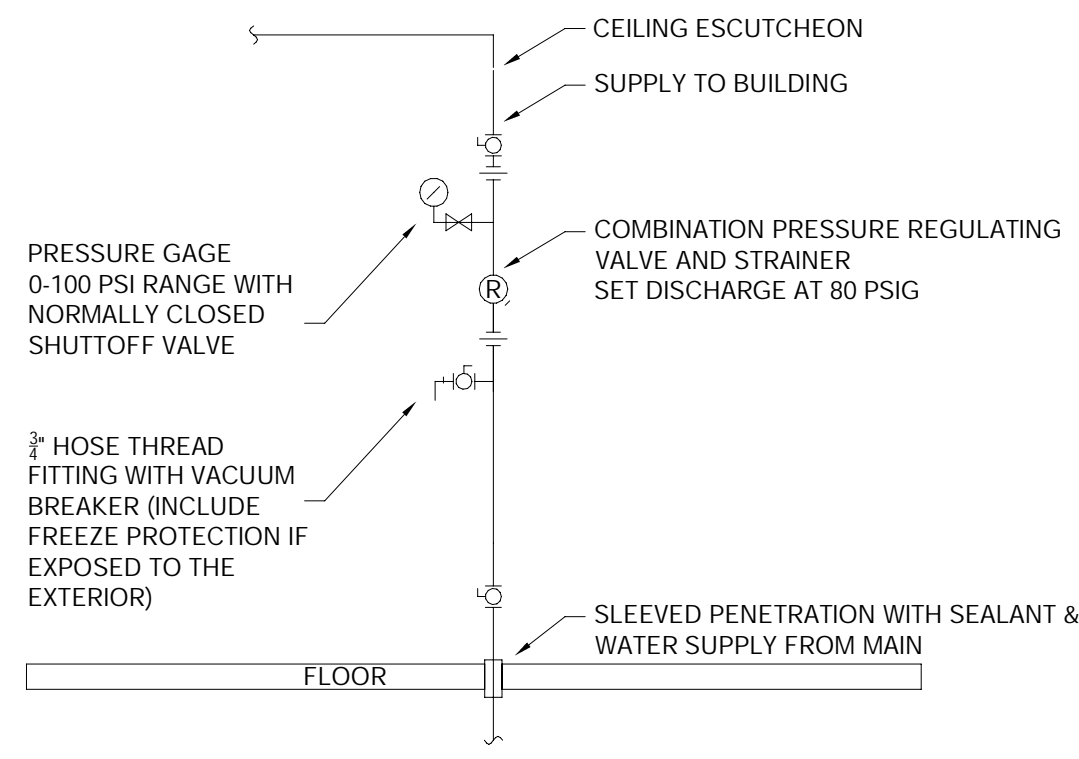


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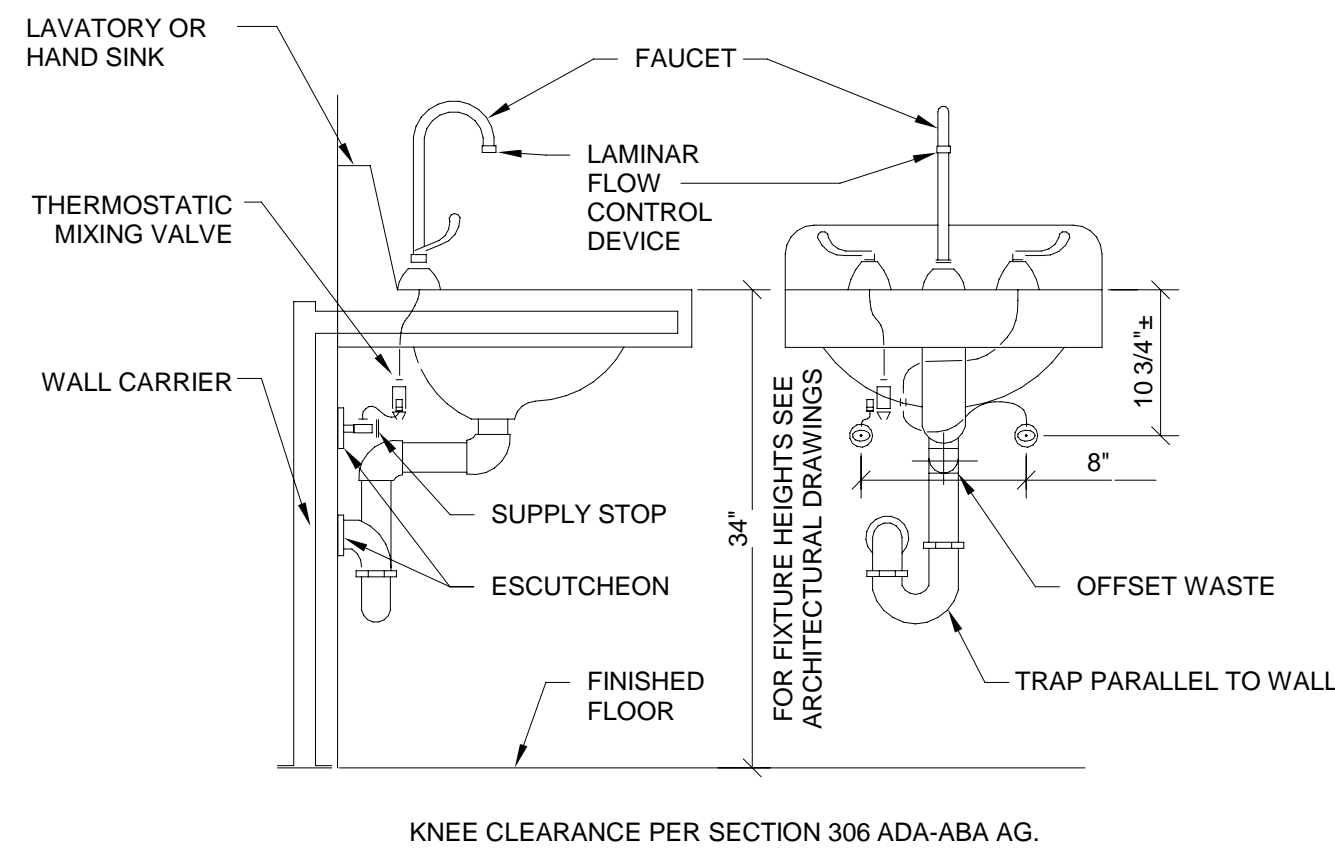
**1 ADA FLUSH TANK WATER CLOSET DETAIL**

P501 No Scale

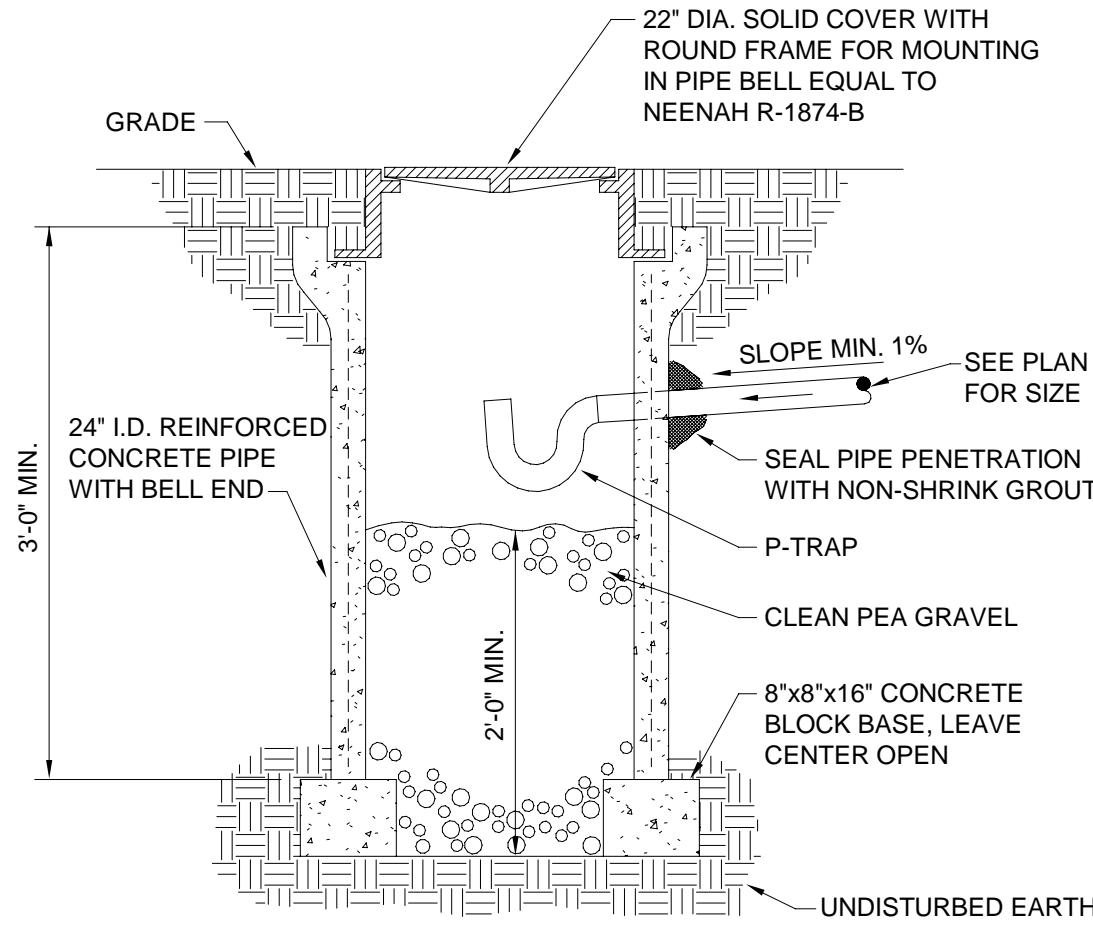


**2 WATER SERVICE ENTRANCE DETAIL**

P501 No Scale



- NOTES:
1. ALL HAND SINKS AND LAVATORIES REQUIRED TO MEET A.D.A. GUIDELINE SHALL HAVE ADA COMPLIANT UNDER-SINK PROTECTION. SUPPLY, WASTE AND VALVES MUST ALL BE COVERED.
  2. ALL HAND SINKS AND LAVATORIES REQUIRE THERMOSTATIC MIXING VALVES ASSE 1070 CERTIFIED AND SET TO 110°F.

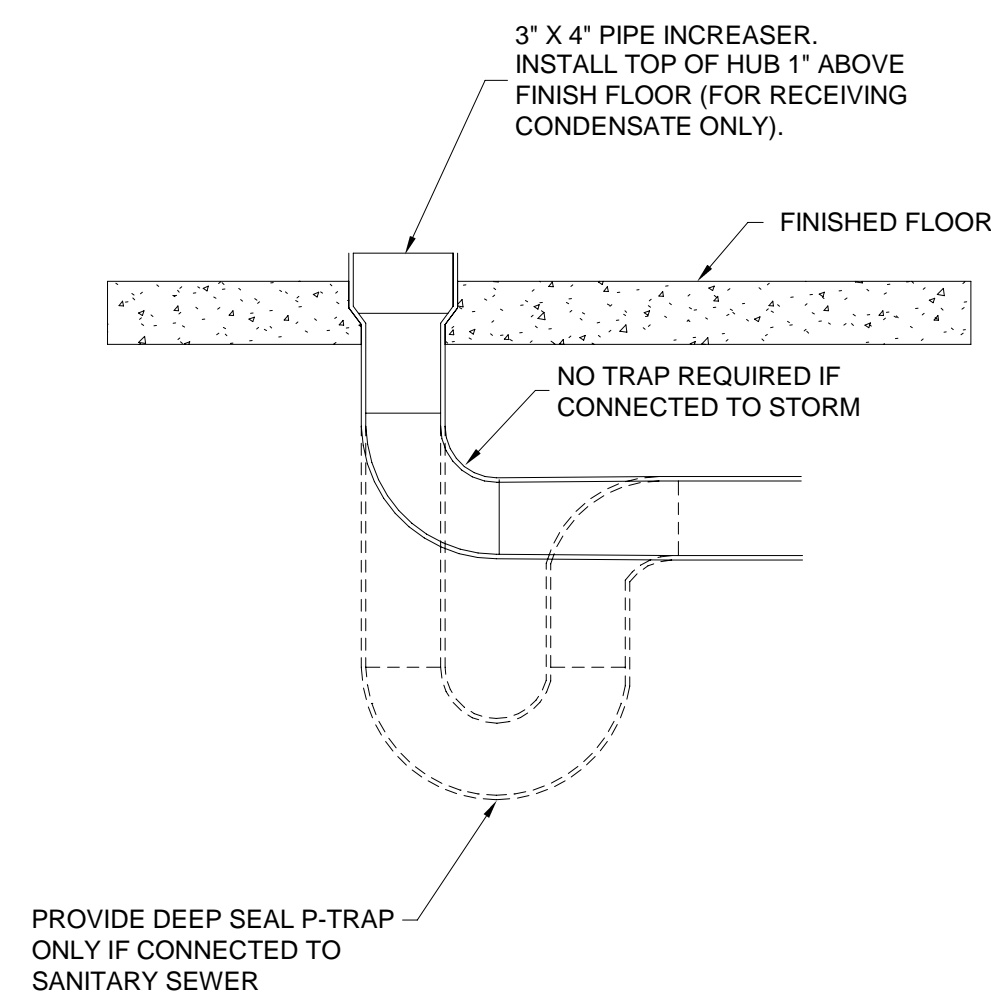


**4 DRYWELL DETAIL**

P501 No Scale

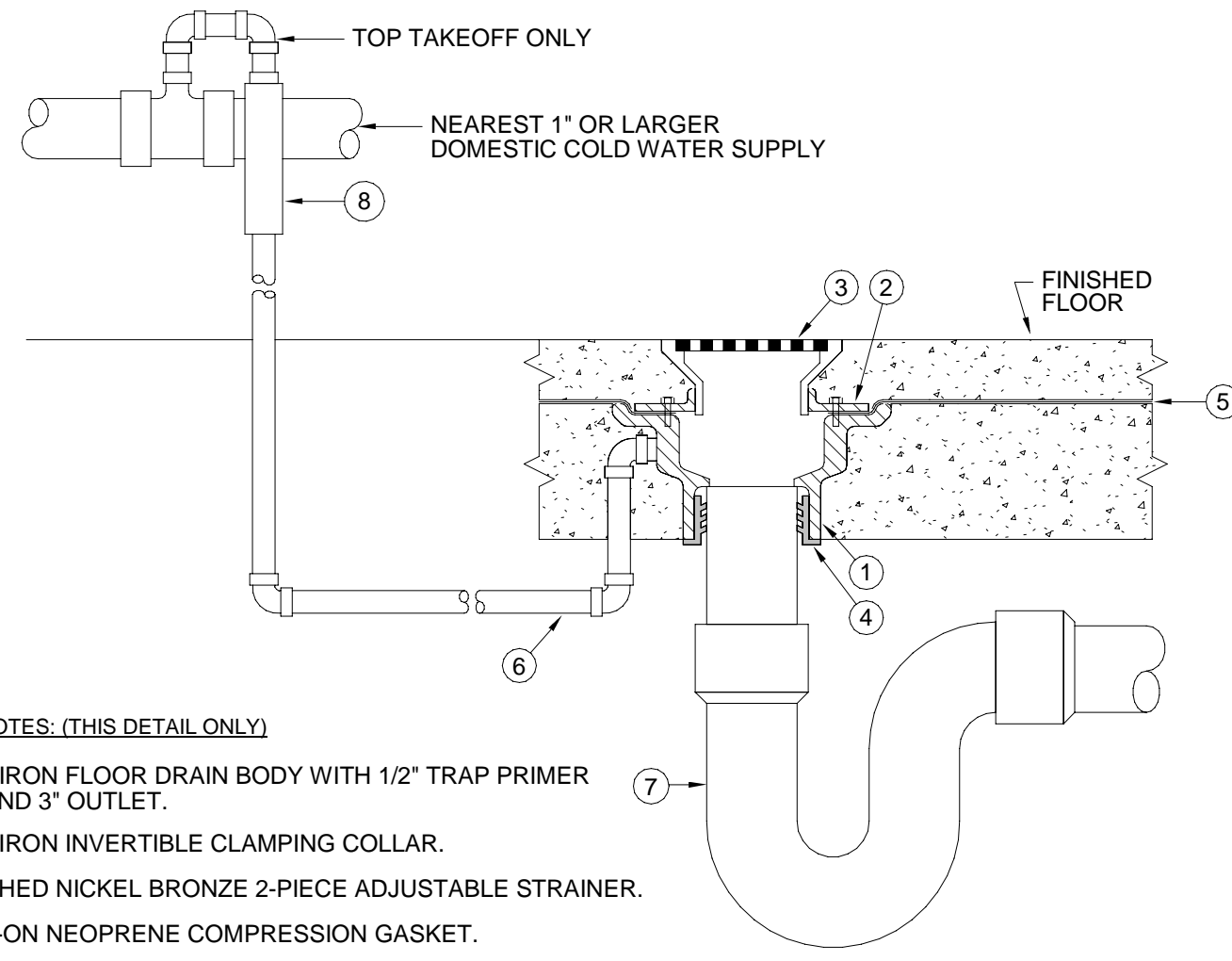
**3 LAV WITH THERMOSTATIC MIXING VALVE**

P501 No Scale



**5 HUB DRAIN DETAIL**

P501 No Scale



- KEY NOTES: (THIS DETAIL ONLY)
- 1 CAST IRON FLOOR DRAIN BODY WITH 1/2\"/>
  - 2 CAST IRON INVERTIBLE CLAMPING COLLAR.
  - 3 POLISHED NICKEL BRONZE 2-PIECE ADJUSTABLE STRAINER.
  - 4 PUSH-ON NEOPRENE COMPRESSION GASKET.
  - 5 WATERPROOF MEMBRANE CLAMPED TIGHTLY TO DRAIN BODY.
  - 6 1/2\"/>
  - 7 3\"/>
  - 8 PRESSURE ACTIVATED TRAP PRIMER VALVE - PRECISION PLUMBING PRODUCTS (P.P.P.) OR APPROVED EQUAL. INSTALL MINIMUM 12\"/>

ALTERNATE NOTE:  
IN LIEU OF WATER BASED TRAP PRIMER IT IS ACCEPTABLE TO USE SURE SEAL Mk. S33009V INLINE FLOOR DRAIN TRAP SEAL RUBBER SEALING GASKET.

**6 FLOOR DRAIN (CONCRETE FLOOR) DETAIL**

P501 No Scale

PLUMBING FIXTURE SCHEDULE							
MARK	FIXTURE TYPE	MFG/ MODEL	FIXTURE DESCRIPTION	CW	HW	SAN	Image
EWC	ADA DUAL HEIGHT DRINKING FOUNTAIN	ELKAY/LZSTL8WSLK	WALL MOUNT DUAL HEIGHT ADA ELECTRIC WATER COOLER WITH BOTTLE FILLER, FILTERED, REFRIGERATED, CHILLING CAPACITY OF 8 GPH OF 50 DEGREE DRINKING WATER. ELECTRONIC BOTTLE FILLER SENSOR WITH ELECTRONIC FRONT AND SIDE PUSHBAR ACTIVATION. MCGUIRE 17 GA FULLY CAST BRASS P-TRAP AND TAILPIECE. MCGUIRE ANGLE SUPPLY STOPS AND BRAIDED STAINLESS STEEL SUPPLY. CHROME PLATED ESCUTCHEON PLATE WITH SET SCREW. PROVIDE BACKFLOW PREVENTER AND WALL CARRIER.	1/2"	0"	1 1/2"	
XP	EXPANSION TANK	AMTROL/ST-5-C	5 GALLON EXPANSION TANK.	0"	1/2"	0"	
FD	FLOOR DRAIN	WATTS/FD-100-A	EPOXY COATED CAST IRON BODY WITH ANCHOR FLANGE, WEEPHOLES, ADJUSTABLE HEAVY DUTY ROUND STAINLESS STEEL STRAINER, AND NO-HUB OUTLET. ADJUSTABLE DRAIN HEIGHT.	0"	0"	3"	
WC	FLOOR MOUNT FLUSH TANK WATER CLOSET	AMERICAN STANDARD/215AA10 4	WATER CLOSET, ADA, FLOOR MOUNT, FLUSH TANK, VITREOUS CHINA, SIPHON JET FLUSHING ACTION, ELONGATED RIM, MIN. 17" RIM HEIGHT, A.F.F AND A 12" ROUGH IN. 1.28 GPF.	3/4"	0"	3"	
GWH	GAS WATER HEATER	AO SMITH/BTX-100	50 GALLON HEATER TANK, 100 MBH GAS INPUT, 166 USGPH FIRST HOUR DELIVERY AT 70 DEG RISE, 120V/1PZ, 5 AMP	1"	1"	0"	
RCP	HOT WATER CIRCULATING PUMP	TACO/0034E-F2	115V/ 1 PHASE, 1.48 MAX AMPS, 10 WATTS, 830 RPM, CAST IRON CASING, 1.6 GPM FLOW AT 3.25 FEET HEAD OF PRESSURE DROP, 0.5 CEI RATINGS AND 145 ER RATING.	0"	1/2"	0"	
HD	HUB DRAIN	WATTS/FD-203-DD	HUB DRAIN, ANCHOR FLANGE, CAST IRON BODY.	0"	0"	1 1/2"	
LV	LAVATORY	AMERICAN STANDARD/0356.028	AMERICAN STANDARD LUCERNE #0356.028 BASIN, 20-1/2"x18-1/4" x 12-1/8", VITREOUS CHINA, WALL HUNG, INSTALL WITH WALL CARRIER, FRONT OVERFLOW, SELF-DRAINING FAUCET LEDGE, CONTOURED BACK AND SIDE SPLASH SHIELD. PROVIDE INTEGRAL CHINA SHROUD.	1/2"	1/2"	2"	
MS	MOP SINK	STERN WILLIAMS/SB-900-BP	MOP BASIN, FLOOR MOUNTED, 24"x24" BASIN, 10" DEEP, INCLUDES 830AA FAUCET, 832AA HOSE AND BRACKET, 889CC MOP HANGER BRACKET.	1/2"	1/2"	3"	
HB	WALL HYDRANT	WOODFORD/24	ANTI-SIPHON, VACUUM BREAKER PROTECTED WALL FAUCET, AND LOOSE-KEY OPERATION.	3/4"	0"	0"	

PLUMBING FIXTURE CALCULATION									
Mark	QUANTITY	CWFU	TOTAL CWFU	HWFU	TOTAL HWFU	TWU	COMBINED FU	WFU	TOTAL WFU
EWC	1	0.25	0.25	0	0	0.25	0.25	0.5	0.5
FD	2	0	0	0	0	0	0	3	6
HB	3	2	6	0	0	2	6	0	0
LV	1	1.5	1.5	1.5	1.5	2	2	1	1
MS	1	2.25	2.25	2.25	2.25	3	3	3	3
WC	1	5	5	0	5	5	5	4	4
Grand total	9		15		3.75		16.25		14.5

BUILDING SERVICE PIPING		
TYPE	FU	SIZE
DCW METER/ DISTRIBUTION	16.3	3/4" / 1"
SEWAGE	11.5	4"
REMARKS:	BRING ANY ISSUES TO EOR.	

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100% CONSTRUCTION DOCS	L		02/02/2024		

City of Tallahassee  
Tallahassee, FL

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Job Title:

Consultant:  
FSM Engineering  
FLORIDA STATE MAPPING ENGINEERS, INC.  
1000 UNIVERSITY BLVD, SUITE 100  
TALLAHASSEE, FL 32310

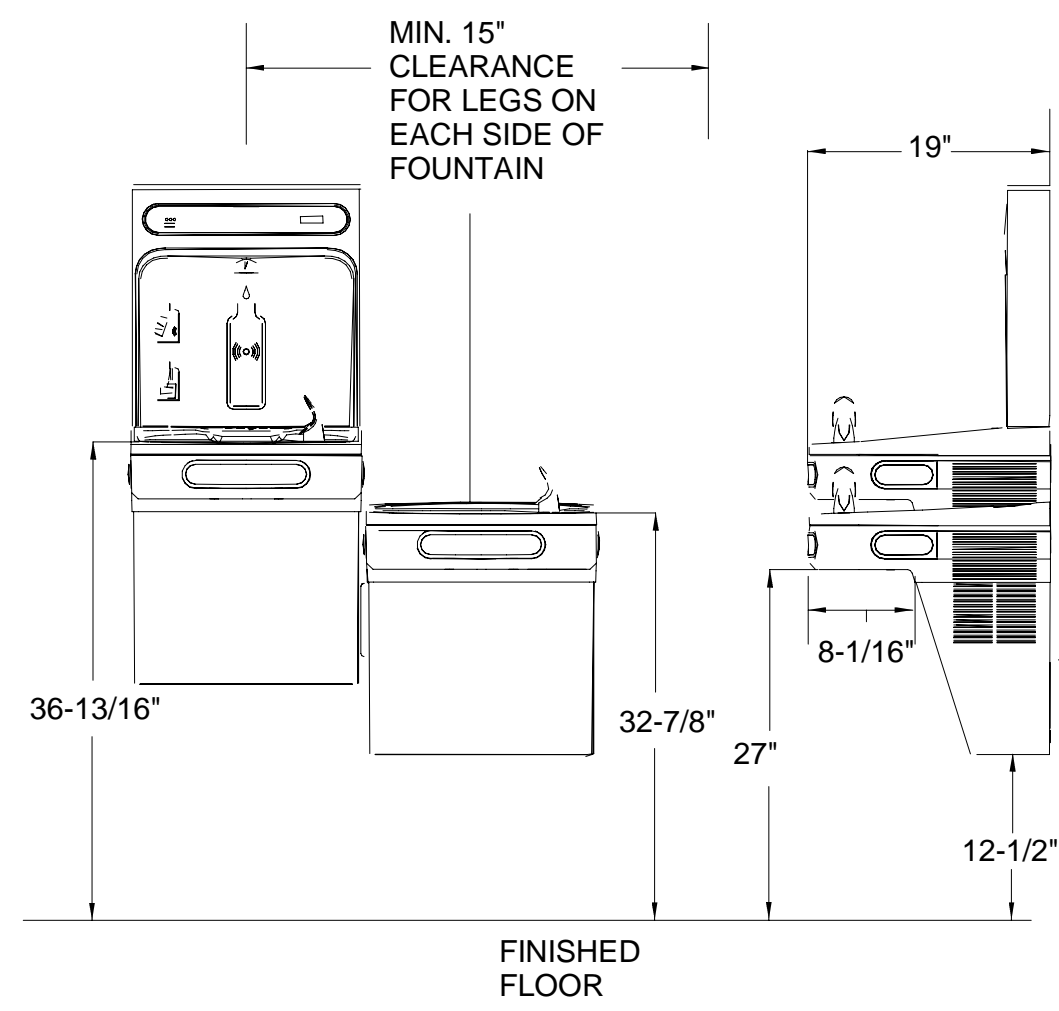
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Project #: 21423.4  
Phase: 100% Construction Documents

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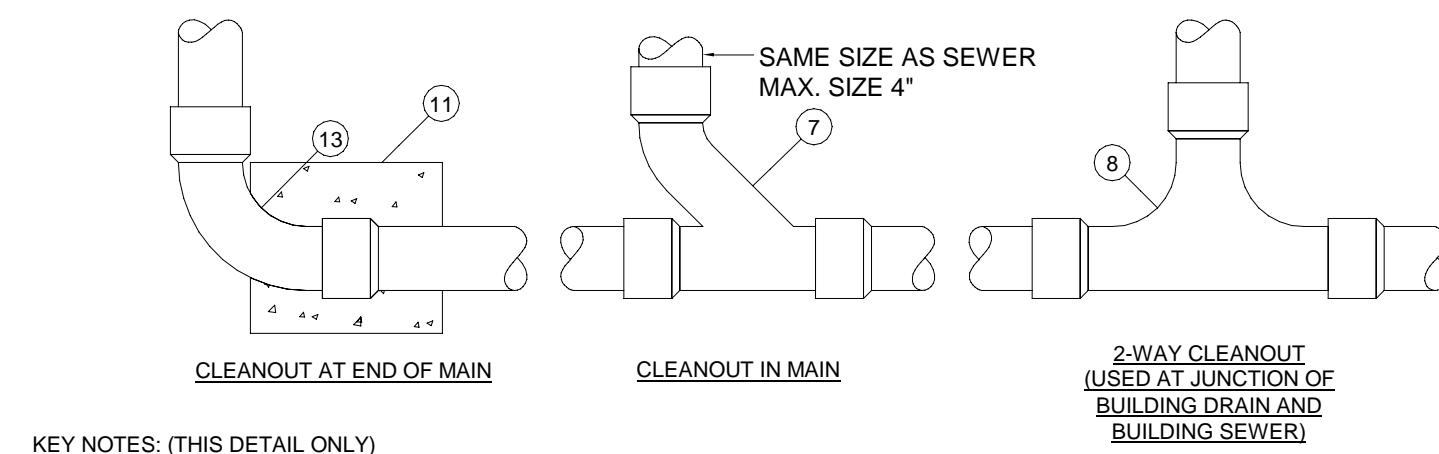
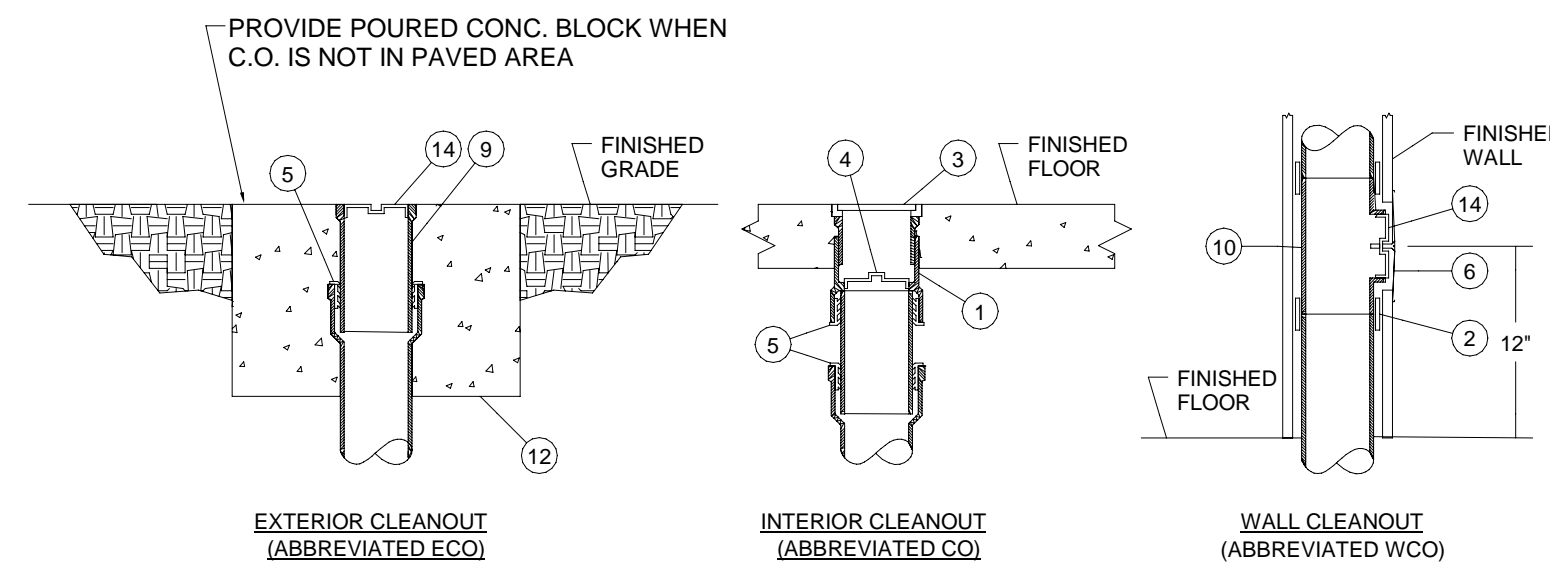
Description:  
**PLUMBING DETAILS & SCHEDULES**

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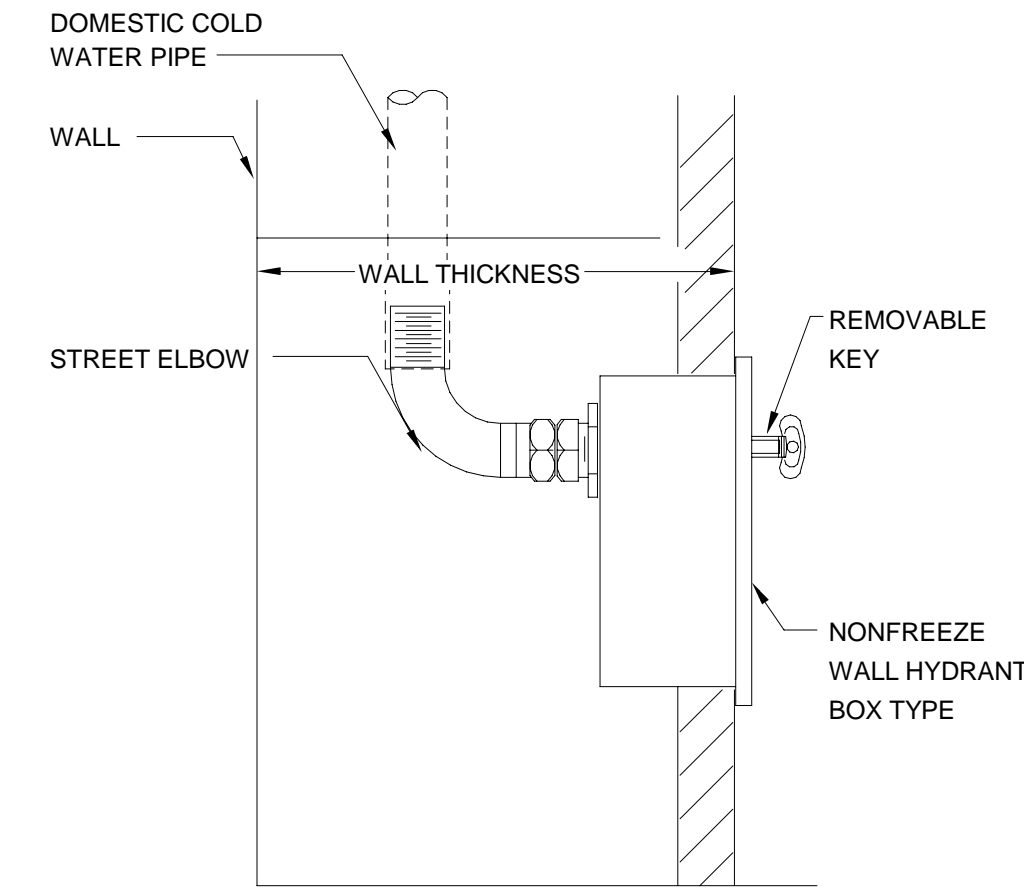


**1 ADA DUAL HEIGHT DRINKING FOUNTAIN DETAIL**  
P502 No Scale

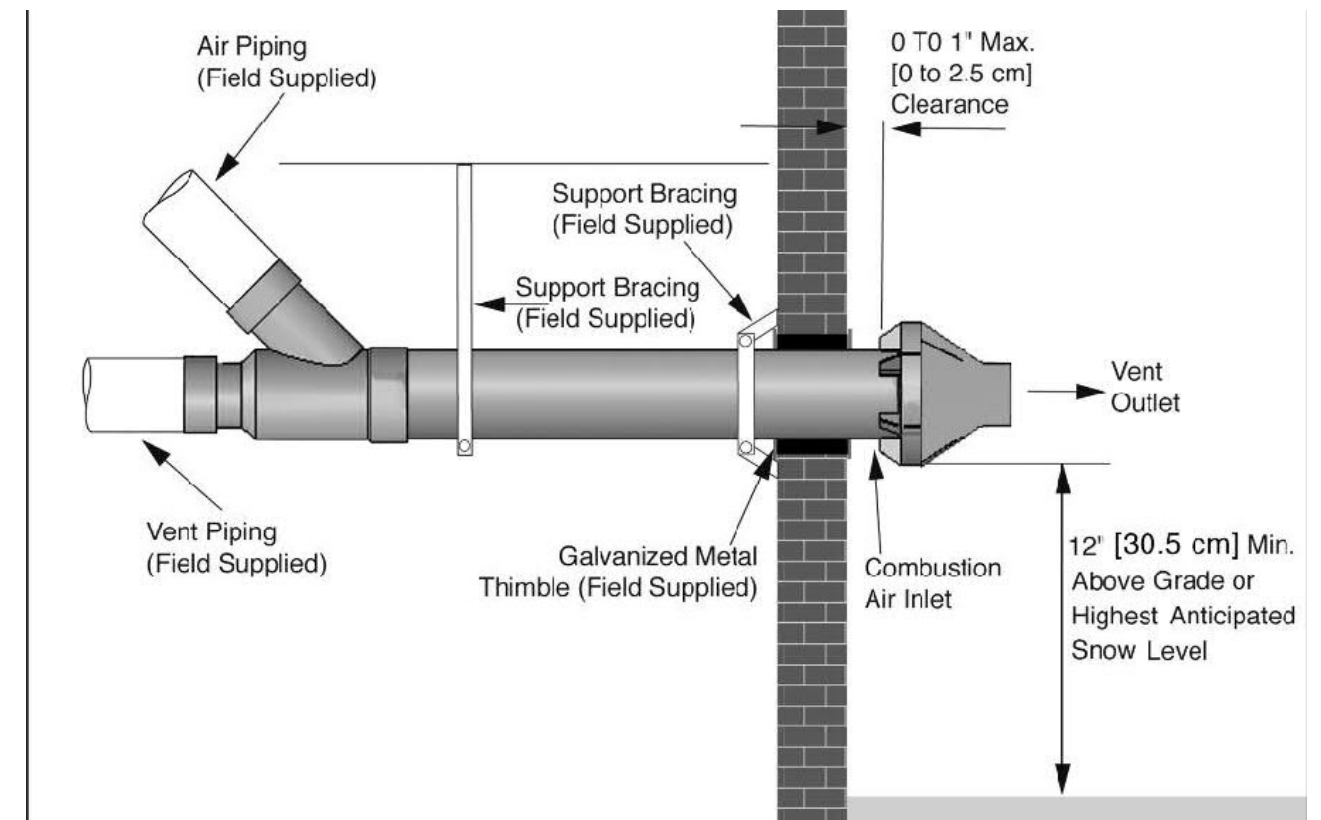


- KEY NOTES: (THIS DETAIL ONLY)**
- 1 CAST IRON 2-PIECE CLEANOUT BODY WITH ADJUSTABLE HEAD.
  - 2 NO-HUB COUPLING (FOR ABOVE GROUND APPLICATION ONLY).
  - 3 POLISHED NICKEL BRONZE SCORIATED TOP (PROVIDE CARPET MARKER FOR CARPETED FLOORS).
  - 4 BRONZE TAPERED THREAD, RAISED HEAD CLEANOUT PLUG.
  - 5 PUSH-ON NEOPRENE RUBBER COMPRESSION GASKET.
  - 6 STAINLESS STEEL ROUND WALL ACCESS COVER.
  - 7 COMBINATION "Y" & 1/8" BEND FITTING.
  - 8 TWO-WAY CLEANOUT FITTING.
  - 9 CAST IRON CLEANOUT FERRULE.
  - 10 CAST IRON CLEANOUT TEE.
  - 11 12" x 12" x 12" CONCRETE THRUST BLOCK.
  - 12 24" x 24" x 12" CONCRETE PAD FLUSH WITH GRADE.
  - 13 LONG SWEEP ELBOW.
  - 14 BRONZE TAPERED THREAD, RECESSED HEAD CLEANOUT PLUG.

**2 TYPICAL CLEANOUT DETAIL**  
P502 No Scale

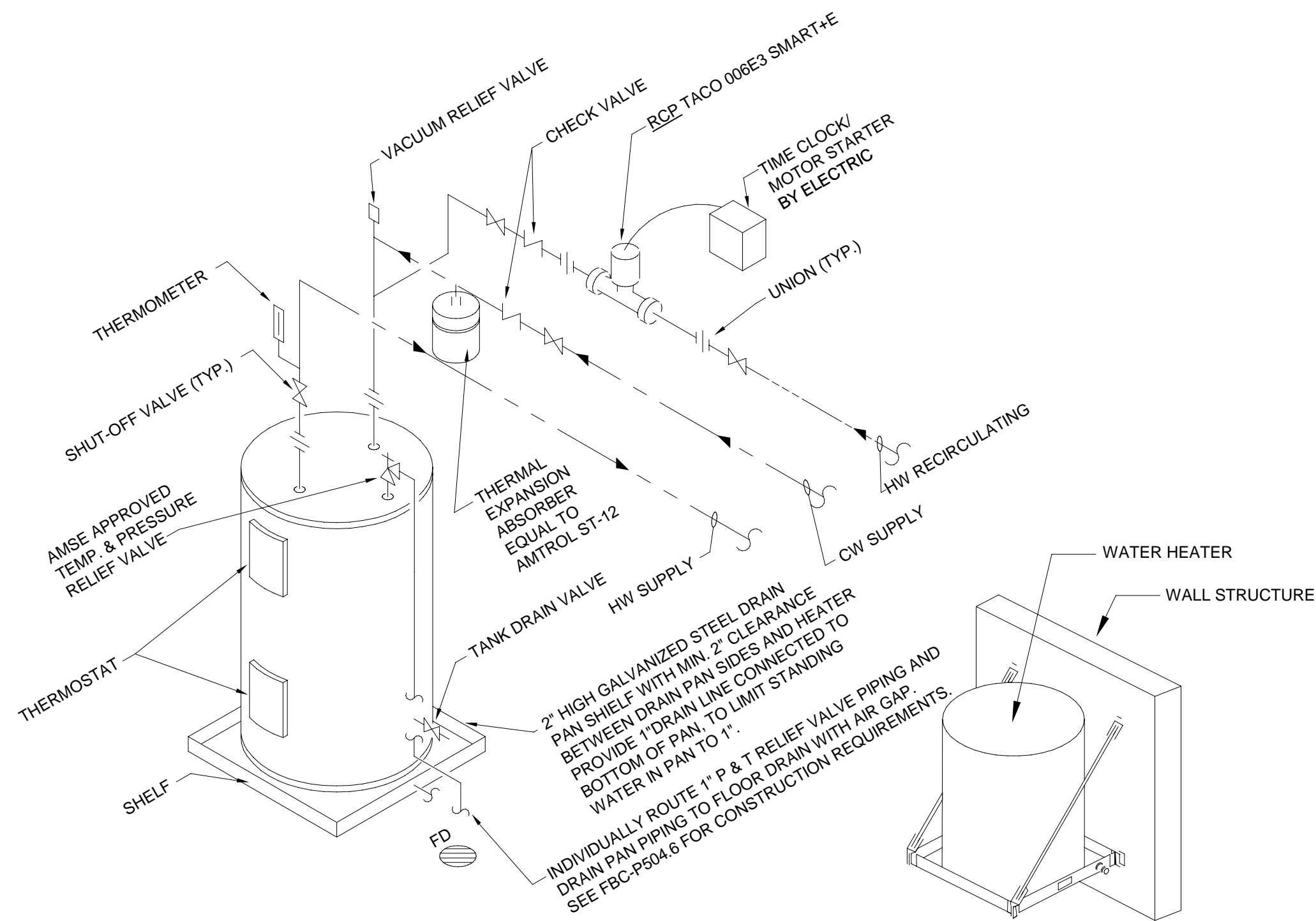
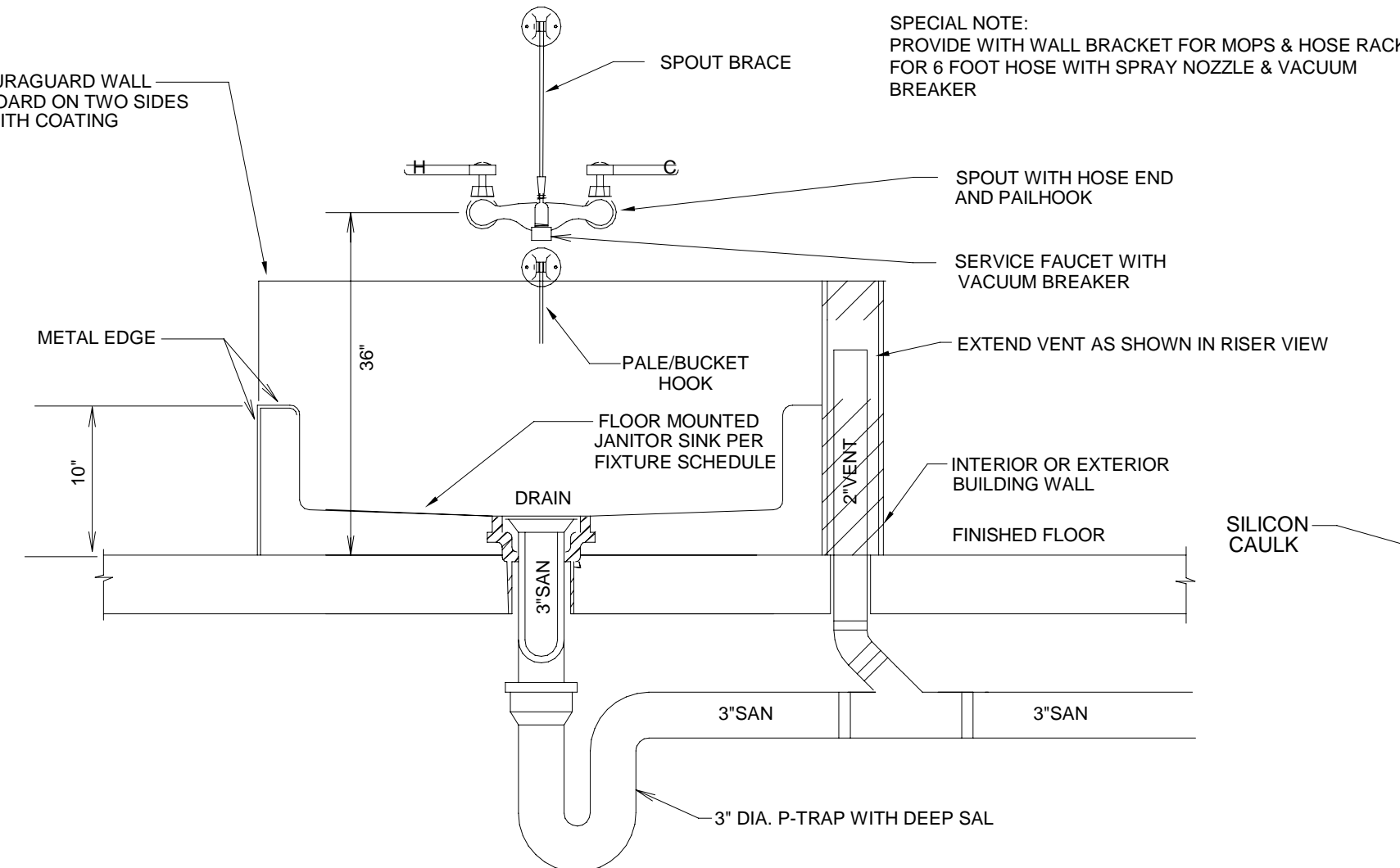
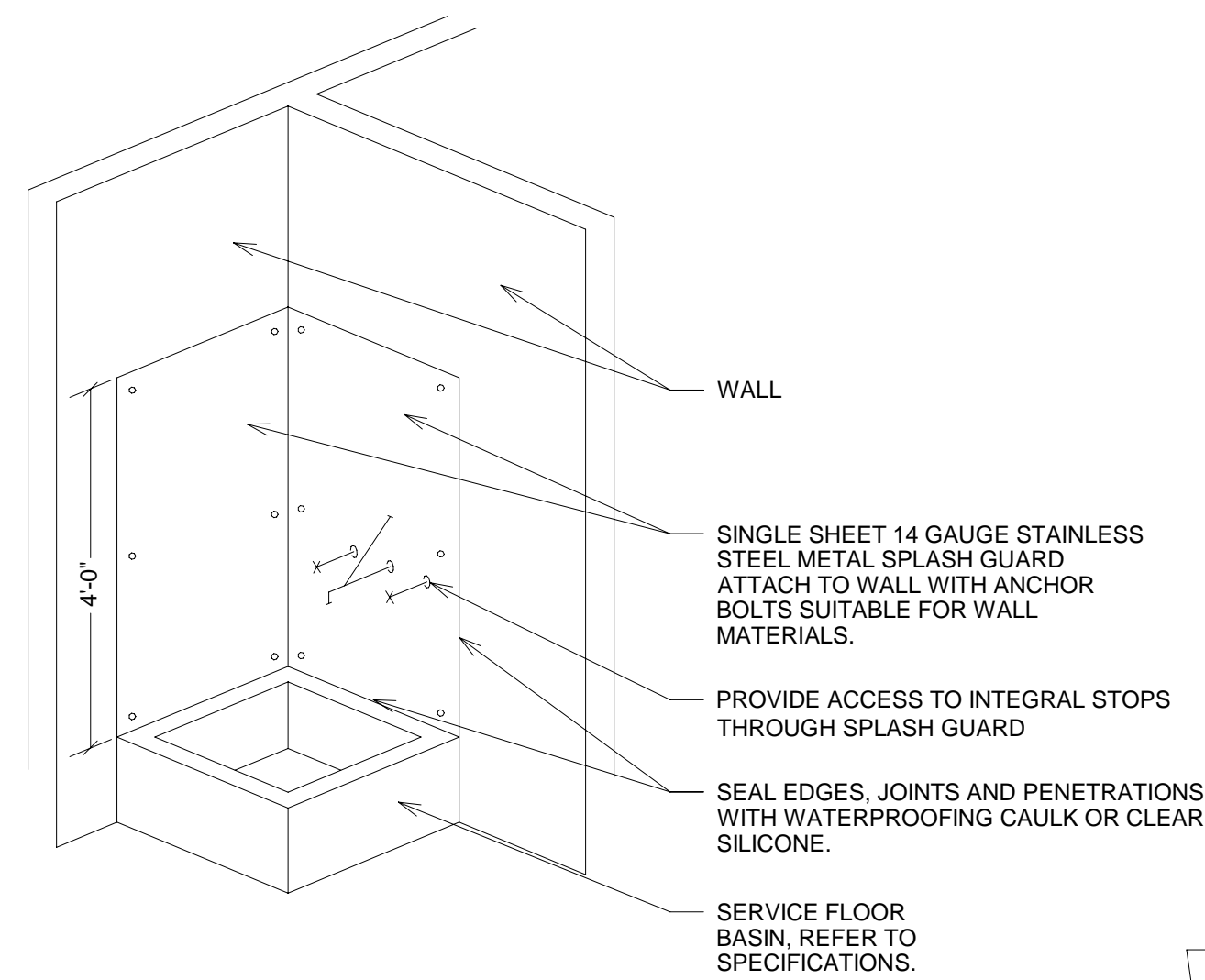


**3 WALL HYDRANT DETAIL**  
P502 No Scale



**NOTE:**  
INSTALL FLUE PER MANUFACTURER'S RECOMMENDATIONS. VENTING MATERIALS SHALL ONLY USE PVC (CLASS 160, ASTM D-2241; SCHEDULE 40, ASTM D-1785; OR CELLULAR CORE SCHEDULE 40 DWV, ASTM F-891), SCHEDULE 40 CPVC, OR ABS PIPE. THE FITTING, OTHER THAN THE TERMINATIONS SHOULD BE EQUIVALENT TO PVC-DWV FITTINGS MEETING ASTM D-2865. PVC MATERIALS SHOULD USE ASTM D-2564 GRADE CEMENT. CPVC MATERIAL SHOULD USE ASTM F-493 GRADE CEMENT AND ABS MATERIALS SHOULD USE ASTM D-2235 GRADE CEMENT.

**4 WALL CONCENTRIC FLUE DETAIL**  
P502 No Scale



**5 MOP SINK DETAIL**  
P502 No Scale

**6 WATER HEATER PIPING DIAGRAM DETAIL**  
P502 No Scale

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ADVANCED SCHEDULE DESIGN	LU		01/02/2023			
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City of Tallahassee  
Tallahassee, FL

Client:  
Job Title:  
21423.4  
100% Construction Documents

Consultant:  
FSM Engineering  
Professional Engineers, Inc. FL No. 12488

Seal:  
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Project #: 21423.4  
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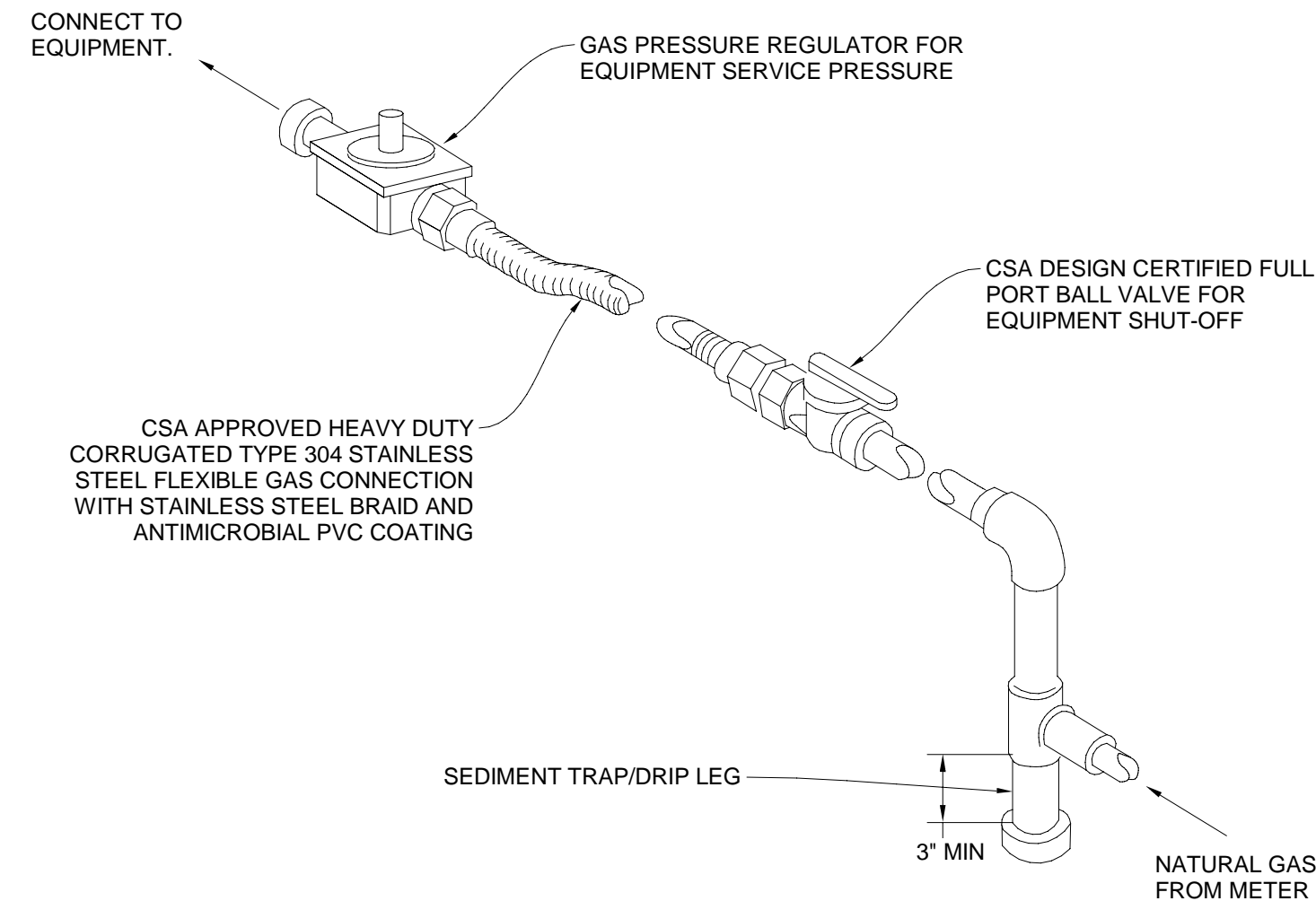
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**PLUMBING DETAILS**

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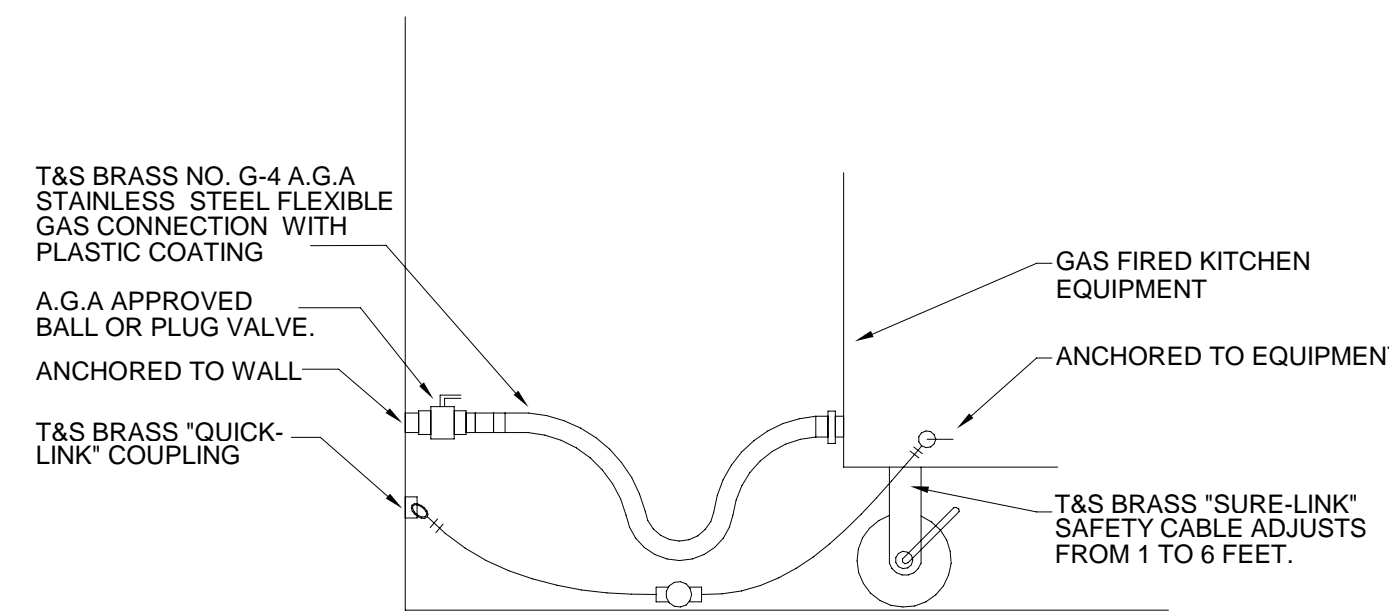
**GAS PIPING**

1. INSTALL GAS PIPING, APPLIANCES, AND SPECIALTIES IN ACCORDANCE WITH FBC-FUEL GAS 2020, 7TH ED, NFPA-54.
2. CLEARANCES: UNDERGROUND GAS PIPING SHALL BE INSTALLED WITH SUFFICIENT CLEARANCE FROM ANY OTHER UNDERGROUND STRUCTURE TO AVOID CONTACT THEREWITH, TO ALLOW MAINTENANCE, AND TO PROTECT AGAINST DAMAGE FROM PROXIMITY TO OTHER STRUCTURES. IN ADDITION, UNDERGROUND PLASTIC PIPING SHALL BE INSTALLED WITH SUFFICIENT CLEARANCE OR SHALL BE INSULATED FROM ANY SOURCE OF HEAT SO AS TO PREVENT THE HEAT FROM IMPAIRING THE SERVICEABILITY OF THE PIPE.
3. COVER REQUIREMENTS: UNDERGROUND PIPING SYSTEMS SHALL BE INSTALLED WITH A MINIMUM OF 18IN. OF COVER, WHERE EXTERNAL DAMAGE TO THE PIPE IS NOT LIKELY TO RESULT, THE MINIMUM COVER SHALL BE 12IN(300MM). WHERE A MINIMUM OF 12IN OF COVER CANNOT BE PROVIDED, THE PIPE SHALL BE INSTALLED IN CONDUIT OR BRIDGED(SHIELDED).
4. THROUGH FOUNDATION WALL, UNDERGROUND PIPING, WHERE INSTALLED THROUGH THE OUTER FOUNDATION OR BASEMENT WALL OF A BUILDING, SHALL BE ENCASED IN A PROTECTIVE PIPE. THE SPACE BETWEEN THE GAS PIPING AND THE BUILDING SHALL BE SEALED TO PREVENT ENTRY OF GAS OR WATER.
5. PIPING UNDERGROUND BENEATH BUILDINGS, WHERE THE INSTALLATION OF GAS PIPING UNDERGROUND BENEATH BUILDINGS IS UNAVOIDABLE, THE PIPING SHALL BE ENCASED IN AN APPROVED CONDUIT DESIGNED TO WITHSTAND THE SUPERIMPOSED LOADS. THE CONDUIT SHALL EXTEND INTO A NORMALLY USABLE AND ACCESSIBLE PORTION OF THE BUILDING AND, AT THE POINT WHERE THE CONDUIT TERMINATES IN THE BUILDING, THE SPACE BETWEEN THE CONDUIT AND THE GAS PIPING SHALL BE SEALED TO PREVENT THE POSSIBLE ENTRANCE OF ANY GAS LEAKAGE WHERE THE END SEALING IS OF A TYPE THAT WILL RETAIN THE FULL PRESSURE OF THE PIPE. THE CONDUIT SHALL BE DESIGNED FOR THE SAME PRESSURE AS THE PIPE. THE CONDUIT SHALL EXTEND AT LEAST 4IN(100MM) OUTSIDE THE BUILDING, BE VENTED ABOVE GRADE TO THE OUTSIDE, AND BE INSTALLED SO AS TO PREVENT THE ENTRANCE OF WATER AND INSECTS.
6. CONNECTION OF PLASTIC PIPING. PLASTIC PIPE SHALL BE INSTALLED OUTSIDE, UNDERGROUND ONLY.
7. CONNECTIONS BETWEEN METALLIC AND PLASTIC PIPING. CONNECTIONS MADE OUTSIDE AND UNDERGROUND BETWEEN METALLIC AND PLASTIC PIPING SHALL BE MADE ONLY WITH ASTM D 2513, STANDARD SPECIFICATION FOR THERMOPLASTIC GAS PRESSURE PIPE, TUBING, AND FITTINGS, CATEGORY 1 TRANSITION FITTINGS.
8. HANGERS, SUPPORTS, AND ANCHORS. PIPING SHALL BE SUPPORTED WITH PIPE HOOKS, METAL PIPE STRAPS, BANDS, BRACKETS, OR HANGERS SUITABLE FOR THE SIZE OF PIPING, OF ADEQUATE STRENGTH AND QUALITY, AND LOCATED AT INTERVALS SO AS TO PREVENT OR DAMP OUT EXCESSIVE VIBRATION. PIPING SHALL BE ANCHORED TO PREVENT UNDUJE STRAINS ON CONNECTED EQUIPMENT AND SHALL NOT BE SUPPORTED BY OTHER PIPING. PIPE HANGERS AND SUPPORTS SHALL CONFORM TO THE REQUIREMENTS OF ANS/IMSS SP-58, PIPE HANGERS AND SUPPORTS-MATERIALS, DESIGN AND MANUFACTURE.
9. OTHER OCCUPANCIES. IN OTHER THAN INDUSTRIAL OCCUPANCIES AND WHERE APPROVED BY THE AUTHORITY HAVING JURISDICTION, GAS PIPING EMBEDDED IN CONCRETE FLOOR SLABS CONSTRUCTED WITH PORTLAND CEMENT SHALL BE SURROUNDED WITH A MINIMUM OF 1 1/2IN OF CONCRETE AND SHALL NOT BE IN PHYSICAL CONTACT WITH OTHER METALLIC STRUCTURES SUCH AS REINFORCING RODS OR ELECTRICALLY NEUTRAL CONDUCTORS. ALL PIPING, FITTINGS, AND RISERS SHALL BE PROTECTED AGAINST CORROSION IN ACCORDANCE WITH NFPA-54. PIPING SHALL NOT BE EMBEDDED IN CONCRETE SLABS CONTAINING QUICKSET ADDITIVES OR CINDER AGGREGATE.
10. EACH OUTLET, INCLUDING A VALVE, SHALL BE CLOSED GAS TIGHT WITH A THREADED PLUG OR CAP IMMEDIATELY AFTER INSTALLATION AND SHALL BE LEFT CLOSED UNTIL THE GAS UTILIZATION EQUIPMENT IS CONNECTED THERETO. WHEN EQUIPMENT IS DISCONNECTED FROM AN OUTLET AND THE OUTLET IS NOT TO BE USED AGAIN IMMEDIATELY, IT SHALL BE CLOSED GAS TIGHT.
11. GAS APPLIANCE FLEXIBLE CONNECTIONS SHALL BE MADE IN COMPLIANCE WITH FBC-FG SECTION 411.1 AND 411.1.1.



- NOTE:**
1. SEE DRAWING FOR DISTRIBUTION PIPE SIZE.
  2. UNDERGROUND PIPING SHALL BE HOT-DIPPED GALVANIZED OR COPPER TUBING.
  3. SIZE REGULATORS TO DELIVER REQUISITE INPUT X 110% AT MAXIMUM PIPING SYSTEM/DISTRIBUTION PRESSURE DROPS, I.E. MINIMUM DELIVERY PRESSURES.

**3 EQUIPMENT GAS CONNECTION DETAIL**  
PG101 No Scale



**4 TYPICAL GAS KITCHEN CONNECTION DETAIL**  
PG101 No Scale

Nominal	PIPE SIZE (inch)								
	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
Actual ID	0.622	0.824	1.049	1.380	1.610	2.067	2.469	3.068	4.026
Length (ft)	Capacity in Cubic Feet of Gas Per Hour								
10	1,510	3,040	5,560	11,400	17,100	32,900	52,500	92,800	189,000
20	1,070	2,150	3,930	8,070	12,100	23,300	37,100	65,600	134,000
30	869	1,760	3,210	6,590	9,800	19,000	30,300	53,000	109,000
40	753	1,520	2,790	5,710	8,550	16,500	26,300	46,400	94,700
50	673	1,360	2,490	5,110	7,650	14,700	23,500	41,500	84,700
60	615	1,240	2,270	4,660	6,900	13,500	21,400	37,900	77,300
70	569	1,150	2,100	4,320	6,470	12,500	19,900	35,100	71,600
80	532	1,080	1,970	4,040	6,050	11,700	18,600	32,800	67,000
90	502	1,010	1,850	3,810	5,700	11,000	17,500	30,900	63,100
100	462	934	1,710	3,510	5,260	10,100	16,100	28,500	58,200
125	414	836	1,530	3,140	4,700	9,060	14,400	25,500	52,100
150	372	751	1,370	2,820	4,220	8,130	13,000	22,900	46,700
175	344	695	1,270	2,691	3,910	7,530	12,000	21,200	43,300
200	318	642	1,170	2,410	3,610	6,960	11,100	19,600	40,000
250	279	583	1,040	2,140	3,210	6,180	9,850	17,400	35,500
300	253	528	945	1,940	2,910	5,600	8,920	15,800	32,200
350	232	486	869	1,790	2,670	5,150	8,210	14,500	29,600
400	216	452	809	1,660	2,490	4,790	7,640	13,500	27,500
450	203	424	759	1,560	2,330	4,500	7,170	12,700	25,800
500	192	401	717	1,470	2,210	4,250	6,770	12,000	24,400

**GAS GENERAL NOTES**

1. CONTRACTOR TO INSTALL DRIP LEG WITH ISOLATION VALVE, WYE STRAINER(W-PLUG), MAXITROL PRESSURE REGULATOR & 'CSST' GAS RATED FLEXIBLE PIPE TO ALL GAS APPLIANCES. COORDINATE EXACT APPLIANCE CONNECTION AT EQUIPMENT & ACTUAL GAS CAPACITY PRIOR TO INSTALLATION. INSTALL 'PORTAL PLUS' APPROVED ROOF PIPE PENETRATION FOR PIPING TO ASSURE PROPER AIR-WATER TIGHT SEAL.
2. ALL EXPOSED GAS PIPING TO BE PAINTED YELLOW WITH RED LABELING AND FLOW ARROWS PER 2020 FBC-FG; INSTALL AIR-WATER TIGHT SLEEVE AT ANY WALL PENETRATIONS.

**PLUMBING RENOVATION KEYED NOTES**

1. 3/4" NG GAS METER SIZED PER FBC-FG AT 80 FEET DEVELOPMENT LENGTH PER TABLE 405.4(5).

DATE	REVIEWED	DRAWN
01/02/2024	REGI	LI
10/02/2023	REGI	LI
01/17/2024	REGI	LI
02/02/2024	REGI	LI

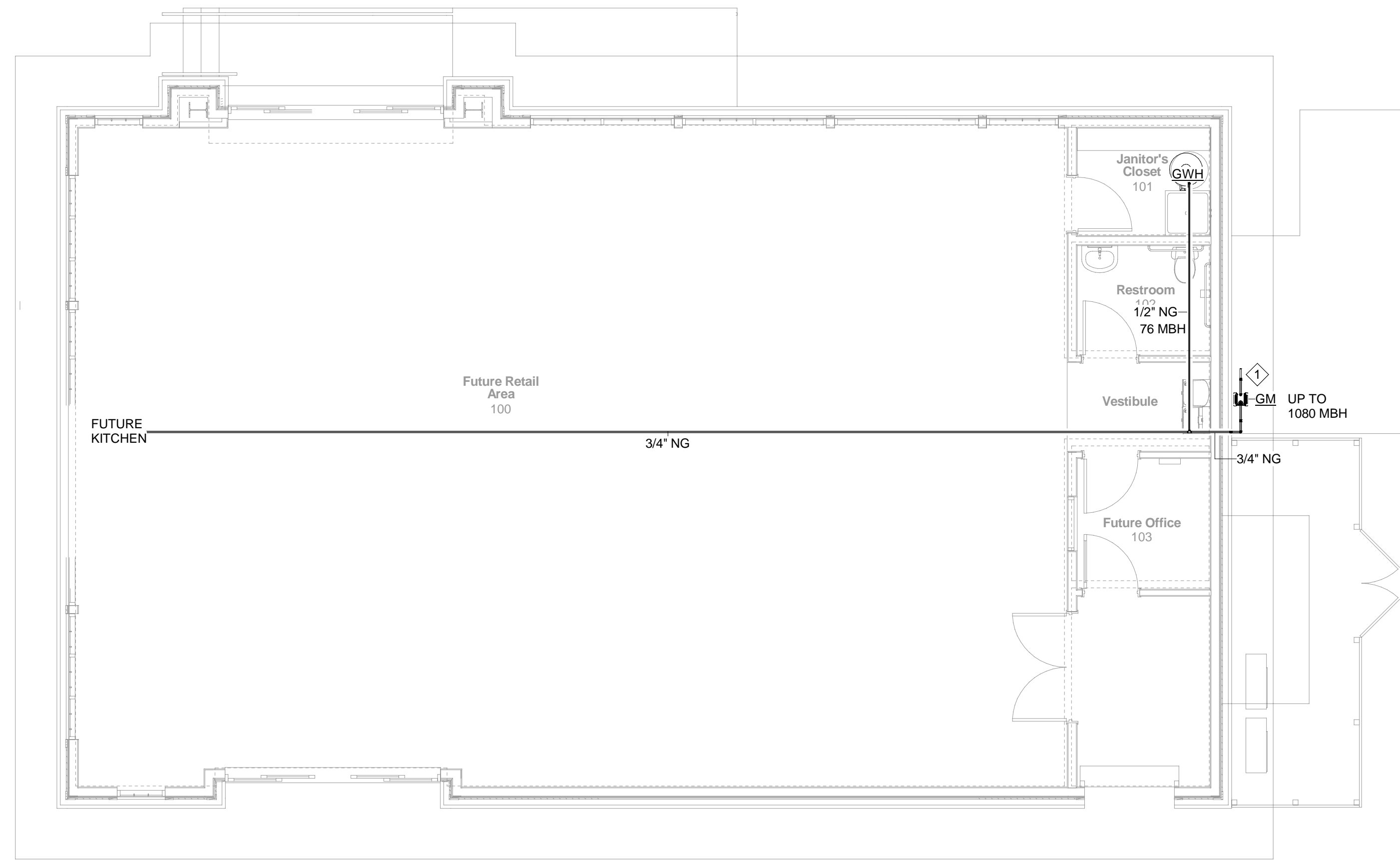
City of Tallahassee  
Tallahassee, FL  
1309 Alabama Street

Client: City of Tallahassee  
Consultant: **FSM Engineering**  
Project #: 21423.4  
Phase: 100% Construction Documents

**ALW**  
Architects Lewis + Whitlock  
206 West Virginia St.  
Tallahassee, Florida 32301  
850.942.1718  
www.think3d.net

Description:  
**FLOOR PLAN - PLUMBING - GAS**  
Sheet No.:  
**PG101**

**1 FLOOR PLAN - PLUMBING - GAS**  
PG101 Scale: 3/16" = 1'-0"



**2 GAS RISER**  
PG101 No Scale

