PLUMBING GENERAL NOTES	MBING GENERAL NOTES PLUMBING SYMBOL LEGEND				BBREVI	ATIONS
ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH 2020 FLORIDA BUILDING CODE, 2020 FLORIDA ENERGY CONSERVATION CODE, AND 2020 FLORIDA PLUMBING CODE.	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
2. PLUMBING CONTRACTOR SHALL VERIFY LOCATION, SIZE, AND ELEVATION OF ALL EXISTING UTILITIES PRIOR	CD	– ABOVE GROUND CONDENSATE DRAIN	AFF	-ABOVE FINISHED FLOOR	LAV	-LAVATORY
TO BEGINNING CONSTRUCTION.	— — — cD — — —	- BELOW GROUND CONDENSATE DRAIN	AFG	-ABOVE FINAL GRADE	LBS	-POUNDS
3. DRAWINGS ARE DIAGRAMMATIC. DO NOT SCALE DRAWINGS. EXACT DIMENSION LAYOUTS ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THE PLUMBING SUB—CONTRACTOR.		- DOMESTIC COLD WATER	B/S	-BELOW SLAB	мн	-MANHOLE
4. CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL EXISTING		- DOMESTIC HOT WATER	СВ	-CATCH BASIN	NIC	-NOT IN CONTRACT
CONDITIONS.		- DOMESTIC HOT WATER RECIRCULATING	CD	-CONDENSATE DRAIN	NC	-NORMALLY CLOSED
5. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.		- GREASE WATER	CFH	-CUBIC FEET PER HOUR	NO	-NORMALLY OPEN
6. ALL REQUIRED INSURANCE SHALL BE CARRIED BY THE CONTRACTOR FOR THE PROTECTION AGAINST	S	ABOVE GROUND SANITARYBELOW GROUND SANITARY	CO	-CLEANOUT	NP	-NON-POTABLE WATER
PUBLIC LIABILITY OR PROPERTY DAMAGE FOR THE DURATION OF THE WORK. 7. ALL EXCAVATION AND BACKFILL AS REQUIRED FOR THIS PROJECT SHALL BE PROVIDED AS PART OF THIS		- SANITARY VENT	CONT	-CONTINUATION	NTS	-NOT TO SCALE
7. ALL EXCAVATION AND BACKFILL AS REQUIRED FOR THIS PROJECT SHALL BE PROVIDED AS PART OF THIS CONTRACT.	ST	– ABOVE GROUND STORM WATER LEADER	CW	-DOMESTIC COLD WATER	OD	-OUTSIDE DIAMETER
8. ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERABLE AND ACCEPTANCE BY THE	— — — - U/G-— — -	- BELOW GROUND	DN	-DOWN	PRV	-PRESSURE REDUCING VALVE
OWNER MUST BE A CONDITION OF THE CONTRACT.	ST0	- STORM WATER OVERFLOW	DS	-DOWNSPOUT	PSI	-POUNDS PER SQUARE INCH
9. ANY SLAB CUTS AND REPAIRS SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR TO DETERMINE IF IT SHOULD BE INCLUDED IN THE PLUMBING CONTRACTORS BID.	M	- WATER METER	DWG	-DRAWING	PVC	-POLYVINYL CHLORIDE PIPE
10. ALL MATERIALS SHALL BE NEW. ALL WATER SUPPLIES, VENT, WASTE, AND CONDENSATE LINES SHALL BE	<u></u> Р	– WALL HYDRANT	EXIST	-EXISTING	RD	-ROOF DRAIN
CONCEALED IN CEILING, WALLS, OR UNDER FLOOR SLAB UNLESS SPECIFICALLY NOTED OTHERWISE. SOME LINES MAY BE GRAPHICALLY DEPICTED OUTSIDE THE WALLS FOR CLARITY ONLY. THESE LINES ARE		– HOSE BIBB	ECO	-EXTERIOR CLEAN OUT	RPBP	-REDUCED PRESSURE BACKFLOW PREVENTOR
INTENDED TO BE CONCEALED UNLESS SPECIFICALLY NOTED OTHERWISE.	CO I————	- CLEAN OUT PLUG	°F	-DEGREE FAHRENHEIT	SAN	-SANITARY
11. ALL SHUTOFF VALVES SHALL BE 4 TURN BALL VALVES.	WC0 -C	- WALL CLEANOUT	FC0	-FLOOR CLEANOUT	SD	-STORM DRAIN
12. ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS. STOPS SHALL BE CHROMED BRASS WITH CHROMED BRASS TUBING AND COMPRESSION FITTINGS. PVC SUPPLIES ARE NOT ACCEPTABLE.	FC0	- EXTERIOR WALL CLEAN OUT	FD	-FLOOR DRAIN	SF	-SQUARE FEET
13. ALL PLUMBING FIXTURES SHALL HAVE AIR CHAMBERS UNLESS SYSTEM WATER HAMMER ARRESTORS ARE	•	- FLOOR CLEAN OUT	FS	-FLOOR SINK	SH	-SHEET
SHOWN. ALL FLOOR DRAINS SHALL HAVE TRAP PRIMERS.	FD ØG—— FD ØG——	- FLOOR DRAIN	G	-GAS	SOV	-SHUTOFF VALVE
14. PROVIDE CLEANOUTS FLUSH WITH GRADE OR SLAB WITH APPROPRIATE COVERS. COVERS SHALL BE BRONZE TOP WITH SCORED SURFACES AND LABELED "C.O".	FS D	- FLOOR SINK	GPH	-GALLONS PER HOUR	ST	-STORM WATER LEADER
15. PENETRATIONS OF FIRE RATED WALLS SHALL BE MADE PER THE UL OR GYP RATING SYSTEM AS		ROOF DRAINWATER CLOSET	GPM	-GALLONS PER MINUTE	ST0	-OVERFLOW STORM WATER
SPECIFIED BY THE ARCHITECT.	— <u> </u>	- TRAP (LAV OR SINK)	GW	-GREASE WATER	Т	-FLUSH VALVE TOILET
16. ALL PLUMBING FIXTURES AND TRIM SHALL BE PER THE FIXTURE SCHEDULE. SUPPLY OWNER WITH SUBMITTALS FOR HIS/HER REVIEW. IF THERE ARE SUBSTITUTIONS OR THE OWNER WISHES TO MAKE A CHANGE, ANY COST ADJUSTMENTS WILL BE BASED ON THE FIXTURE SCHEDULE.		- SHUT-OFF VALVE IN VALVE BOX	HB	-HOSE BIBB	T.P.	-TRAP PRIMER
17. IF DISSIMILAR METALS ARE TO BE JOINED, APPROVED INSULATION UNIONS SHALL BE USED.	——————————————————————————————————————	– SHUTOFF VALVE	HC	-ADA ACCESSIBLE	U/G	-UNDERGROUND
17. II DISSIMILAR METALS ARE TO BE SOINED, APPROVED INSULATION UNIONS STALL BE USED. 18. PROVIDE WATER HEATER(S) AS SHOWN ON THE DRAWINGS AND PLUMBING SCHEDULES. WATER HEATERS	—————	– BALL VALVE	HD	-HUB DRAIN	\ \ \ \ \	-VENT
SHALL BE INSTALLED WITH HEAT TRAPS, THERMOSTATIC RELIEF VALVE, AND A DRAIN PROPERLY PIPED TO THE OUTSIDE OR TO THE EMERGENCY OVERFLOW PLAN. PLUMBING CONTRACTOR SHALL PROVIDE A	——————————————————————————————————————	- CALIBRATED BALANCING VALVE	HW	-DOMESTIC HOT WATER	VTR	-VENT THRU ROOF
COMPLETE CONDENSATE SYSTEM INCLUDING A 2" DEEP EMERGENCY DRAIN PAN AS SHOWN ON THE DRAWINGS.		- CHECK VALVE (SWING)	HWR	-DOMESTIC HOT WATER RETURN (RECIRC)	VTW	-VENT THRU WALL
19. WALL PENETRATIONS OF SUPPLY PIPING SHALL BE MADE WITH COPPER PIPING OR SLEEVED CPVC WITH		- SOLENOID OPERATED VALVE	IE	-INVERT ELEVATION	wc wc	-TANK TYPE WATER CLOSET
CAULKING.	*	- RELIEF OR SAFETY VALVE		-INDIRECT WASTE	wco	-WALL CLEANOUT
20. FOR NEW BUILDING PROJECTS, COORDINATE UTILITY SERVICE LOCATIONS WITH CIVIL DRAWINGS.		- GAS COCK	IW JAN	-JANITOR SINK (SEE SPEC)	WTR	- WATER
21. PROVIDE ACCESS PANELS FOR ALL VALVES CONCEALED IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS.	——————————————————————————————————————	- GAS PRESSURE REGULATOR	KW	-KILOWATT	WHA	-WATER HAMMER ARRESTOR
22. REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.	+C	- SHUTOFF VALVE ON RISER	IVW	NEO IIVI		III. E. C. III. III. E. C. T. C.
23. MOUNT HOSE BIBBS 24" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED.	rC-	- GAS COCK ON RISER				
24. COORDINATE EXACT FLOOR DRAIN LOCATIONS WITH ARCHITECTURAL DRAWINGS. SET FLOOR DRAINS BELOW FINISHED FLOOR TO ALLOW FOR FLOOR SLOPING TO THE DRAIN.		- CONNECTION, TOP				
25. COORDINATE PIPING WITH ALL ELECTRICAL EQUIPMENT INCLUDING BUT NOT LIMITED TO ELECTRICAL	7	- CONNECTION, BOTTOM				
PANELS AND TRANSFORMERS. DO NOT ROUTE ANY PIPING OVER ANY ELECTRICAL EQUIPMENT UNDER ANY CIRCUMSTANCES. PLUMBING PIPING SHALL NOT RUN THROUGH DEDICATED ELECTRICAL OR TELECOM	C .	- ELBOW, TURNED DOWN				
ROOMS UNDER ANY CIRCUMSTANCE. ANY PIPING RUN OVER ELECTRICAL EQUIPMENT OR THROUGH ELECTRICAL / TELECOM ROOMS SHALL BE RE-ROUTED AT NO ADDITIONAL COST.		- ELBOW, TURNED UP		CHEE.	T INIDE	V
26. ALL DOMESTIC WATER PIPING SYSTEMS SHALL BE TESTED FOR ABSOLUTE TIGHTNESS BY SUBJECTING THE SYSTEM TO HYDROSTATIC PRESSURE OF 150 PSI GAUGE OR 50 PSI OVER WORKING PRESSURE.		- TEE, TURNED UP		JALL	TINDE	^
WHICHEVER IS GREATER. TESTING SHALL BE COMPLETED FOR NOT LESS THAN EIGHT (8) HOURS.		- TEE, TURNED DOWN		PO01 GENERAL NOTES, LEGE	END, & SHEE	T INDEX - PLUMBING
27. SOIL, VENT PIPES, AND CONDENSATE DRAINS SHALL BE TESTED BY TEMPORARILY PLUGGING ALL OUTLETS AND FILLING THE SYSTEM WITH WATER TO THE LEVEL OF THE HIGHEST VENT STACK. THE		- CAP		P111 GRAVITY PIPING FLOOR	R PLAN	
SYSTEM MUST BE INSPECTED AND ALL LEAKS REPAIRED.		- DIRECTION OF FLOW		P211 PRESSURE PIPING FLC	OR PLAN	
		- ELECTRIC WATER HEATER		P301 PLUMBING RISERS		
		- CEILING MOUNTED ACCESS DOOR		P401 PLUMBING DETAILS		
		CEILING MODITED ACCESS DOOR		P501 PLUMBING SCHEDULES		
	XX	- REVISION REFERENCE		P601 PLUMBING SPECIFICAT	ONS	
	(P-1)	 DETAIL REFERENCE: TOP — DETAIL#; BOTTOM — DRAWING# SHOWN ON 				
	XX	- SHEET NOTE CALLOUT				
		- DEMO TO				
	/					
		- CONNECT TO				
	,					

NOTE: SOME SYMBOLS SHOWN ON THIS LEGEND MAY NOT PERTAIN TO THIS PROJECT



No. 84275

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COBURN AND ASSOCIATES, INC

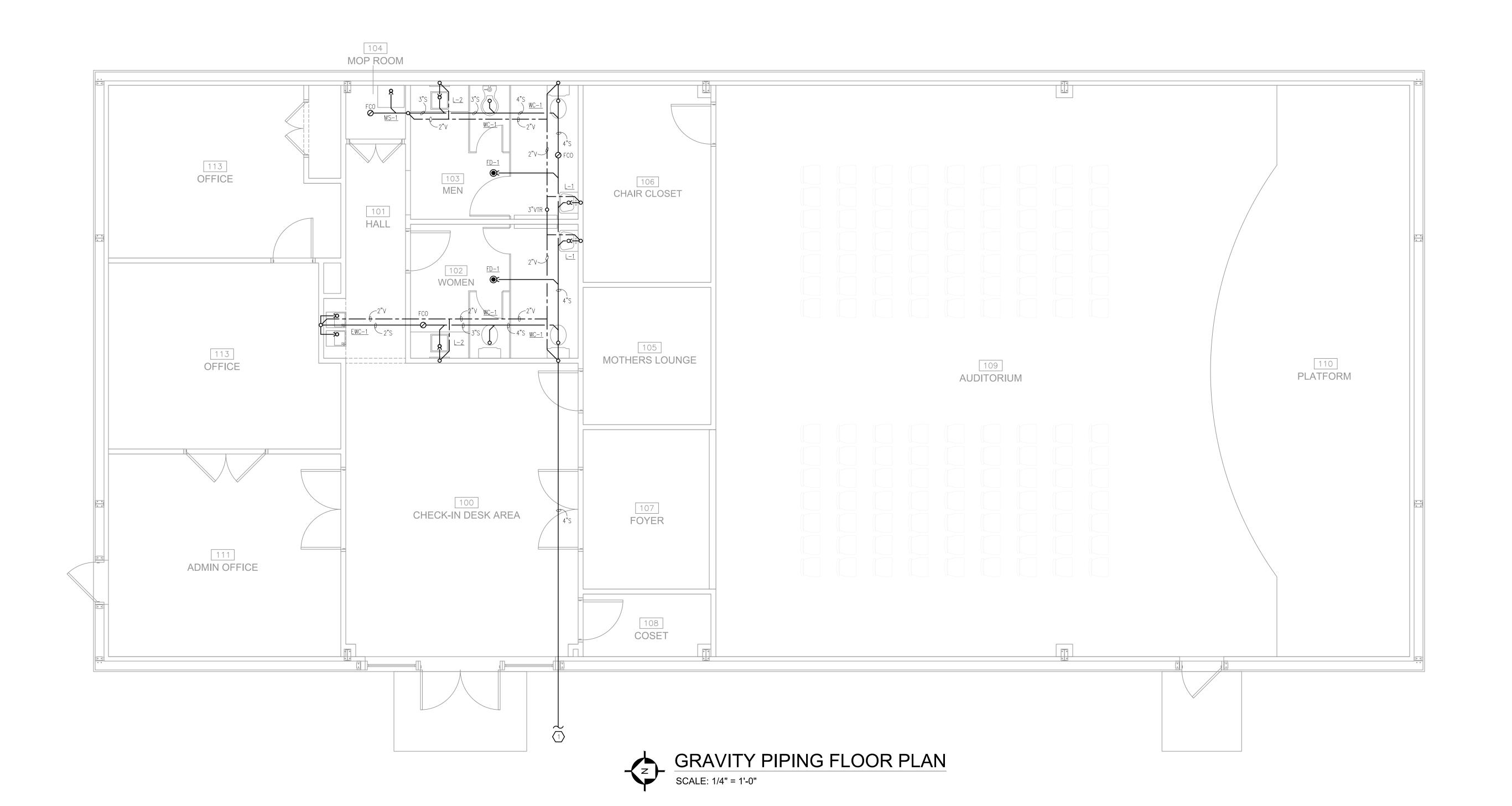
MECHANICAL• ELECTRICAL• CONSULTING ENGINEERS
P.O. BOX 577 HIGH SPRINGS, FLORIDA
P.O. BOX 577 CELL 352-538-0163
CERTIFICATE OF AUTHORIZATION 3687

INTERIOR RENOVATION PROJECTION PROJECTION 155 SE AUSUST GLEN LAKE CITY, FL 2023

P001



4" SANITARY MAIN TO SITE CIVIL CONNECTION. REFER TO CIVIL PLANS FOR CONTINUATION.



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WE

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY KYTE I, DAVIS, PE ON THE INDICATED DATE USING A DIGITAL SIGNATURE. PRINTED

CA JOB NO. DRAWN APPROVED
2363 KJD KJD
DATE OF ISSUE 10/02/2023
REVISIONS

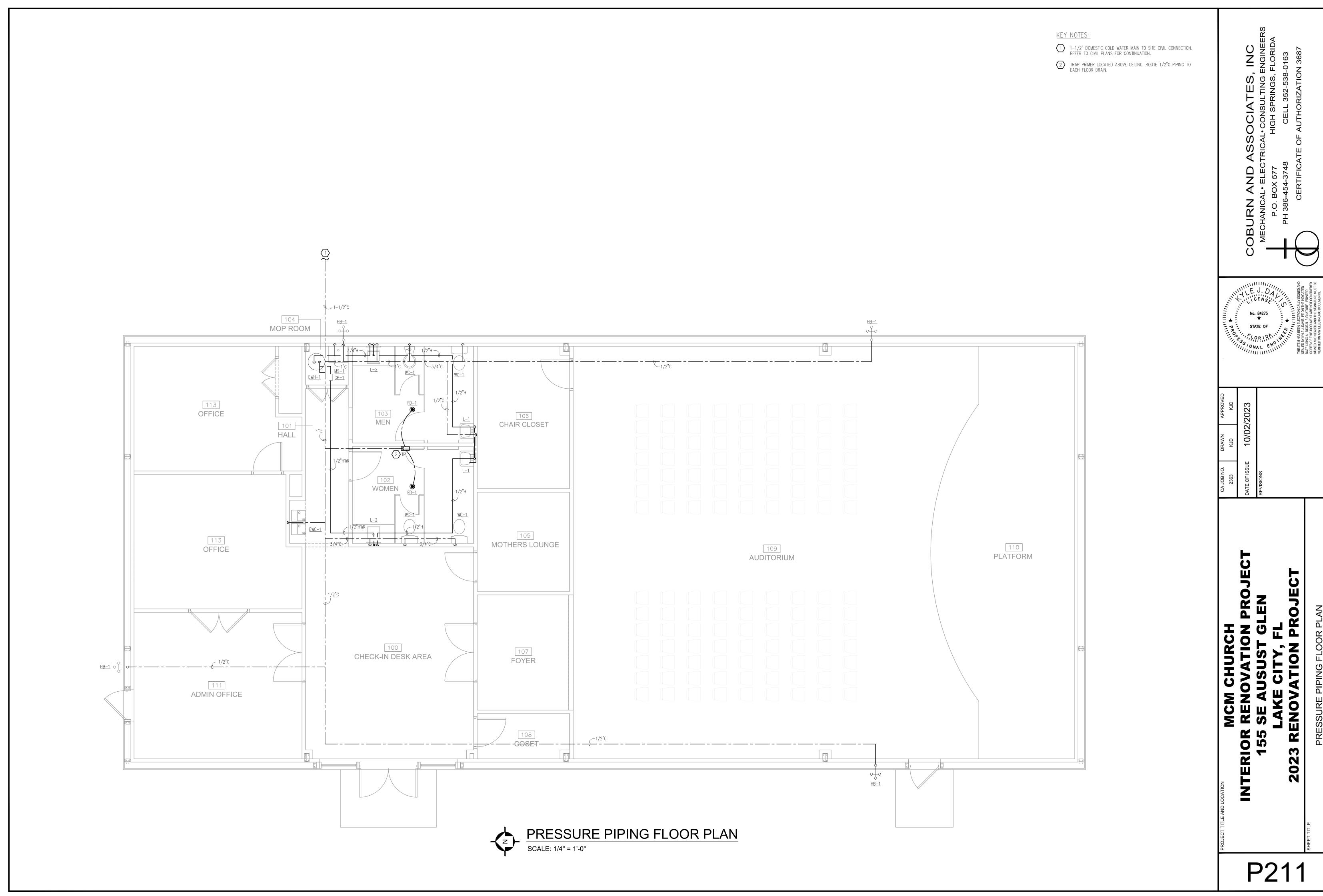
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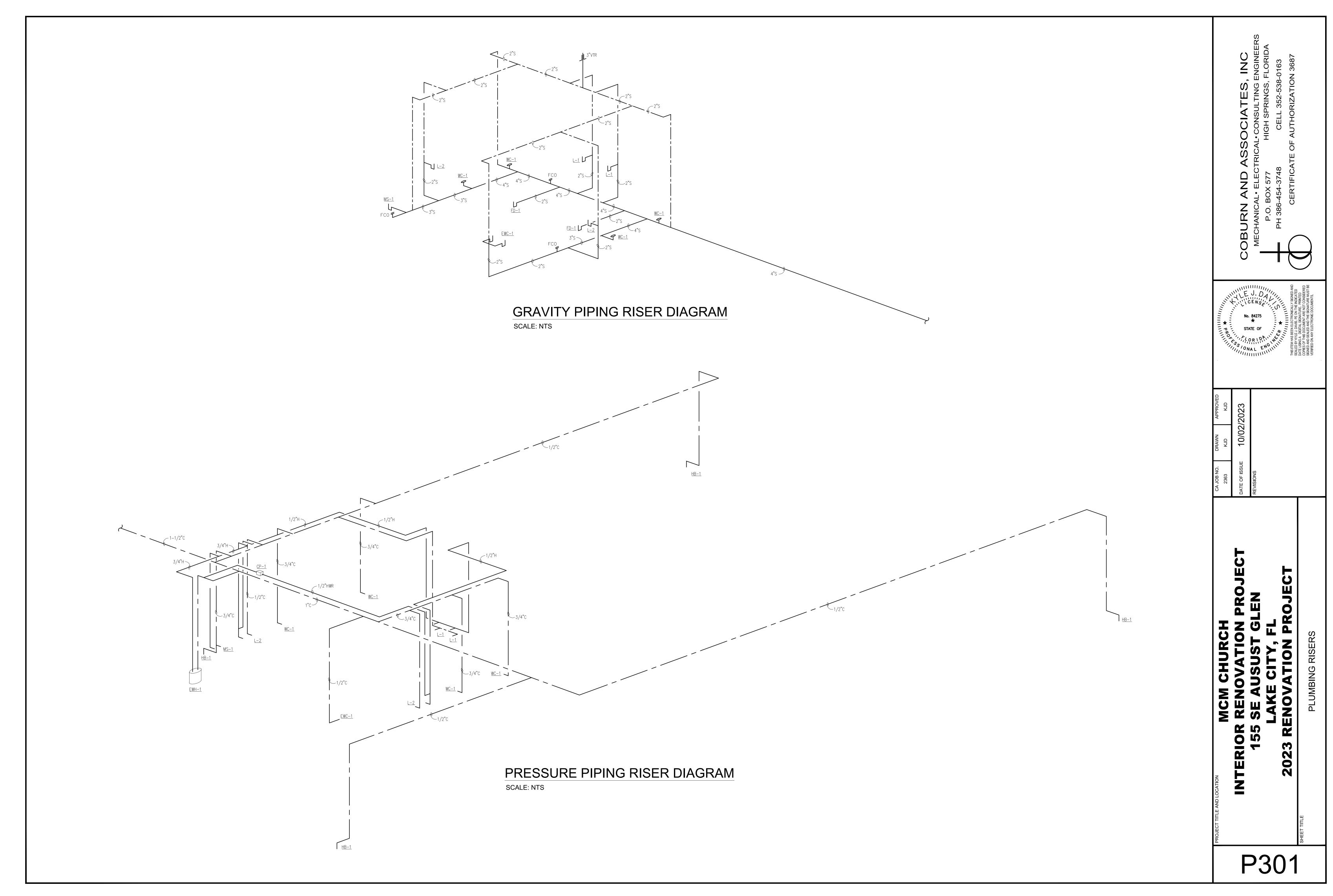
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RENOVATION PROJECT

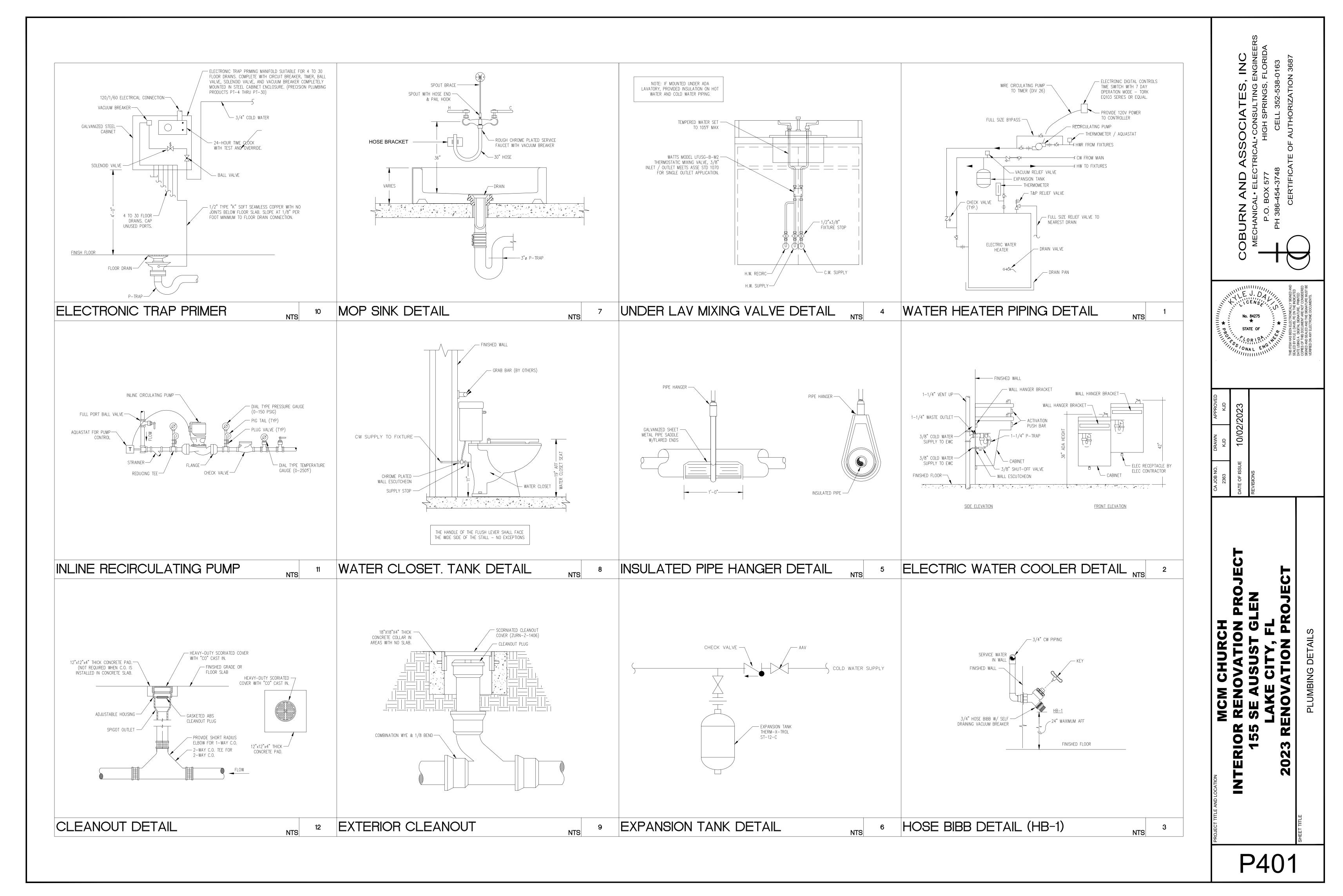
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	PLUMBING FIXTURE SCHEDULE											
MARK	FIXTURE	MANUFACTURER	MODEL NUMBER	TYPE	MATERIAL	WASTE	VENT	CW	HW	REMARKS		
WC-1	WATER CLOSET (ADA ACCESSIBLE)	ZURN	Z5555	FLUSH TANK FLOOR MOUNT	VITREOUS CHINA	4"	2"	3/4"	_	FLOOR MOUNTED, TWO—PIECE, VITREOUS CHINA, 1.28 GPF LOW CONSUMPTION, GRAVITY SIPHON—JET, ADA/COMFORT HEIGHT, ELONGATED FRONT RIM, AND 12" STANDARD ROUGH—IN. SEAT: ZURN—5955. SUPPLIES: MCGUIRE—2167CC.		
L-1	LAVATORY	ZURN	Z5321	WALL MOUNTED	VITREOUS CHINA	1-1/2"	1-1/2"	1/2"	1/2"	ADA ACCESSIBLE WALL HUNG 23"x21.5", VITREOUS CHINA, SINGLE FAUCET WITH OVERFLOW, DRILLED FOR CONCEALED CARRIER. FAUCET: Z6915-XL. DRAIN: Z8746-PC. OFFSET WHEELCHAIR GRID DRAIN. P-TRAP: Z8700-8B-PC. TRAP WRAP: Z8946-1-NT. SUPPLY: MCGUIRE 2165CC.		
L-2	LAVATORY	ZURN	Z5111	COUNTERTOP	VITREOUS CHINA	1-1/2"	1-1/2"	1/2"	1/2"	COUNTER MOUNT 20"x17", VITREOUS CHINA, SINGLE FAUCET WITH OVERFLOW, FAUCET: Z6915-XL. DRAIN: Z8743-PC P-TRAP: Z8700. SUPPLY: MCGUIRE 2165CC.		
EWC-1	ELECTRIC WATER COOLER (ADA ACCESSIBLE)	ELKAY	LZSTL8WSLK	WALL MOUNT BI-LEVEL		1-1/2	1-1/2	1/2"	1/2"	UNIT SHALL PROVIDE 8.0 GPH OF 50 DEGREE F. WATER AT 90 DEGREE F. AMBIENT AND 80 DEGREE F. INLET WATER. BI-LEVEL BARRIER-FREE. STAINLESS-STEEL WATER COOLER. SURFACE MOUNTED ON WALL REFRIGERATION SYSTEM AND STAINLESS-STEEL GRILL. ADA ACCESSIBLE STAINLESS-STEEL TUBULAR SUPPORT ARMS. ALL STAINLESS STEEL POLISHED TO LUSTROUS SATIN FINISH WITH HIGH SHINED OUTER EDGE. FLEX-GUARD SAFETY BUBBLERS, AND FRONT PUSH BARS. PROVIDE MCGUIRE P-TRAP AND SUPPLIES 8902 AND 158LK. UNIT SHALL BE PROVIDED WITH A BOTTLE FILLER.		
MS-1	MOP SINK	ZURN	Z1996-24	FLOOR MOUNT	COMPOSITE	3"	2"	3/4"	3/4"	FLOOR MOUNTED 24"x24" COMPOSITE CUSTODIAL MOP SINK, 3" IPS CONNECTION DRAIN ASSEMBLY, SERVICE SINK FCT W/6" INTEGRAL VB SPOUT W/HOSE THREAD OUTLET & PAIL HOOK, ADJUSTABLE SWIVEL INLETS, 2-1/2" LEVER HANDLES, HOSE AND BRACKET. FAUCET: ZURN - Z843M1.		

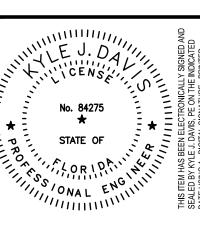
	DRAINAGE SPECIALTIES SCHEDULES										
MARK	FIXTURE	MANUFACTURER	MODEL NO.	TYPE	MATERIAL	STYLE	SIZE	REMARKS			
FD-1	FLOOR DRAIN	ZURN	Z415-BZ1	NO HUB OR NEO-LOCK	CAST IRON / NICKEL BRONZE TOP	POLISHED ROUND TOP	PER DWGS	COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE TYPE "B" NICKEL BRONZE STRAINER, 5" ROUND TOP, TAPPED FOR TRAP PRIMER CONNECTION, VANDAL PROOF.			

ELECTRIC WATER HEATER SCHEDULE										
MARK	MAKE & MODEL NO.	KW PER ELEMENT	NUMBER OF ELEMENTS	VOLTS/PH	TOTAL KW	RECOVERY (GPH) @ 72F	STORAGE (GAL.)	DIMENSIONS (D"xH") / LBS		
EWH-1	AO SMITH DEN-30	4	2	240/1	8*	23	40	20.5"x50" / 120		

*NON-SIMULTANEOUS OPERATION

PIPING SCHEDULE										
SYSTEM SIZE TYPE CONNECTION INSULATION THICKNESS COMMENTS										
DOMESTIC COLD WATER	ALL	CPVC	GLUED	NONE		SCH 40 ASTM D2846				
DOMESTIC HOT WATER	ALL	CPVC	GLUED	FIBERGLASS	1" MIN R4	SCH 40 ASTM D2846				
SANITARY/VENT ALL DWV		GLUED	NONE		SCH. 40 ASTM D 1784 60T					

HOT WATER RECIRC. PUMP SCHEDULE											
MARK	MAKE & MODEL NO.	TYPE	CAPACITY (GPM)	HEAD (FEET)	MOTOR HP	V/PH/HZ					
CP-1	TACO - 006-IQB4	INLINE	0-11.5	0-9.5	1/40	115/1/60					



INTERIOR RENOVATION PROJECT
155 SE AUSUST GLEN
LAKE CITY, FL
2023 RENOVATION PROJECT

P501

Acceptable Manufacturers

2. Fee and Mason

2. Disinfection, flushing, and testing shall be repeated upon reassembly of the piping.

2. Tested under procedure ASTM E-84, NFPA 255, and UL 723, not exceeding the

b. Equal to Johns—Manville "Aerotube Elastomeric Pipe Insulation"

E. Install insulation only after pipe has been thoroughly inspected and tested and accepted

following flame and smoke index.

b. Smoke Density: 100

a. Air drying contact cement

by the Architect / Engineer and State or local inspectors.

a. Flame Spread: 30

Adhesive

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