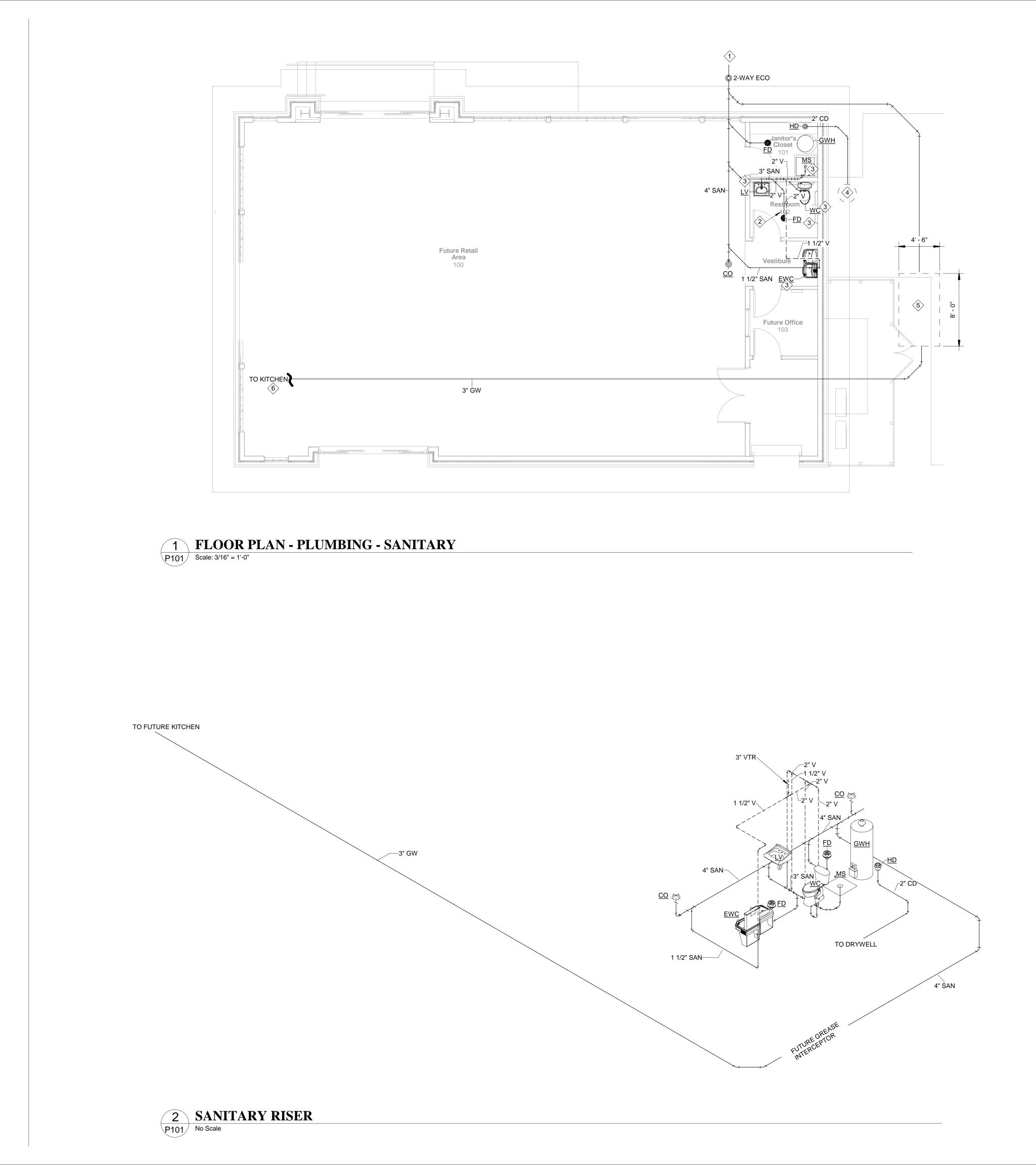
			REVIATIONS		FERENCE (ALL MAY NOT APPLY)		PLUMBING GENERAL NOTES	GENERAL NOTES
20 HOT WATER SUPPLY HOT WATER RETURN	DHW HWR	AAV AFF	AIR ADMITTANCE VALVE ABOVE FINISHED FLOOR	ORGANIZATIO	DITIONS OF THE ESTABLISHED STANDARDS OF T NS, AND INDIVIDUAL STANDARDS NAMED SHALL FULLY WRITTEN HEREIN AND CONSTITUTE A PA	BE FOLLOWED THE SAME AS	1.LOCATIONS OF ANY WASTE AND SUPPLY PIPING SHOWN ARE ONLY APPROXIMATE. THE PLUMBING CONTRACTOR SHALL VERIFY THESE LOCATIONS BEFORE PROCEEDING WITH WORK.	1.THE ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR ANY MISUSE AND/OR MISREPRESENTATION OF THIS SET OF DOCUMENTS.
COLD WATER SUPPLY	DCW	AHAP BFP	AS HIGH AS POSSIBLE BACK FLOW PREVENTOR		S EXCEPT WHERE OTHERWISE SPECIFIED:		2.ALL PLUMBING PIPE SHALL BE RUN STRAIGHT, SQUARE, AND LEVEL, NO SAGGING OF	2.THE CONTRACTOR ASSUMES RESPONSIBILITY FOR THE USE OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL MAKE THEMSELVES AWARE OF PROJECT
ANITARY ITCHEN GREASE SANITARY	SAN GW	BF	BELOW FLOOR	FBC,	BUILDING FLORIDA BUILDING CODE 8TH EDITIO	Ν	PLUMBING PIPING SHALL BE ACCEPTED.	CONDITIONS AND OWNER REQUIREMENTS PRIOR TO PROCUREMENT OF EQUIPMENT SERVICES. CHANGES IN PROJECT COST WILL NOT BE GRANTED DUE TO FIELD CONFI
FORM	Gw ST	BFF BG	BELOW FINISHED FLOOR BELOW GRADE	FBC-M,	MECHANICAL FLORIDA BUILDING CODE 8TH ED	ITION	3.ALL DRAINAGE PIPING 3" AND LARGER SHALL HAVE A MINIMUM SLOPE OF 1/8" PER FOOT, PIPING 2-1/2" AND SMALLER SHALL HAVE A MINIMUM SLOPE OF 1/4" PER FOOT UNLESS	AND OR PROJECT CONDITIONS.
TORM OVERFLOW	OF	BOD	BASIS OF DESIGN	FBC-EB,	EXISTING BUILDINGFLORIDA BUILDING CODE 8	TH EDITION	OTHERWISE NOTED.	3. THIS SET OF DRAWINGS AND SPECIFICATIONS SHALL NOT BE CONSIDERED A SET OF CONSTRUCTION DOCUMENTS UNLESS A SIGNATURE AND DATE ARE AFEIVED TO THE
ENT PIPING	VENT		CONDENSATE CLEAN OUT	FBC-FG,	FUEL GAS FLORIDA BUILDING CODE 8TH EDITIC	DN	4.VENT PIPING SHOWN ON FLOOR PLAN IS ONLY INDICATIVE EXCEPT FOR VTR LOCATIONS.	CONSTRUCTION DOCUMENTS UNLESS A SIGNATURE AND DATE ARE AFFIXED TO THE DRAWINGS AND SPECIFICATIONS BY THE ENGINEER OF RESPONSIBLE CHARGE OF T
ONDENSATE	C	CWV	COMBINATION WASTE AND VENT	FBC-EC,	ENERGY CONSERVATION FLORIDA BUILDING CO	ODE 8TH EDITION	5.CONTRACTOR SHALL INSTALL DIELECTRIC UNIONS AT CONNECTIONS OF DISSIMILAR	GIVEN DISCIPLINE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIG AND SEALED UNLESS EMBOSSED AND THE SHA AUTHENTICATION CODE MUST BE VE
LBOW, TURNED DOWN	UP 0	DCW DHW	DOMESTIC COLD WATER DOMESTIC HOT WATER	FFPC	FLORIDA FIRE PREVENTION CODE, 2023 8TH EL	DITION	METALS.	ON ELECTRONIC COPIES.
_BOW, 90°		DN	DOWN	NFPA 13	STANDARD FOR THE INSTALLATION OF FIRE SI	PRINKLER SYSTEMS	6.VALVES AND FITTINGS SHALL BE OF THE SAME SIZE AS THE LINE IN WHICH THEY ARE INSTALLED.	4.CONFLICTS BETWEEN THIS SET OF DRAWINGS AND THE CONTRACT SPECIFICATIO SHALL BE RESOLVED BY THE ENGINEER OF RECORD. THE CONTRACTOR DOES NOT
ONNECTION, TOP		ECO EWC	EXTERIOR CLEANOUT ELECTRIC WATER COOLER	NFPA 51B	STANDARD FOR FIRE PREVENTION DURING WE	ELDING, CUTTING AND OTHER	7.ALL WATER SANITARY WASTE, VENT AND SUPPLY PIPING SHALL BE INSTALLED AS CLOSE	THE AUTHORITY TO INTERPRET CONFLICTS AND RESOLVE ISSUES WITHOUT WRITTE DIRECTION FROM THE ENGINEER OF RECORD.
ONNECTION, BOTTEM		EWC	ELECTRIC WATER HEATER		HOT WORK		TO PLANS AS POSSIBLE WITH NO CHANGE IN SIZING.	5.ANY CONFLICTS IN THE FIELD OR WITHIN THESE DOCUMENTS SHALL BE RECORDE
ONNECTION, SIDE	<u>+</u> ±,	EX		NFPA 54	NATIONAL FUEL GAS CODE		8.SEE ARCHITECTURAL DRAWINGS FOR EXACT PLUMBING FIXTURE LOCATIONS, MOUNTING HEIGHTS, DIMENSIONS AND ADDITIONAL REQUIREMENTS NOT COVERED ON THESE	PROVIDED TO THE ENGINEER OF RECORD ON THE CONTRACTOR'S STANDARD LETTERHEAD. WRITTEN DIRECTION RESOLVING CONFLICT WILL BE ISSUED BY THE
AP, AIR AND WATER TIGHT		FC FCO	FLOW CONTROL VALVE FLOOR CLEANOUT	NFPA 90A	STANDARD FOR THE INSTALLATION OF AIR CONVENTILATION SYSTEMS	NDITIONING AND	DRAWINGS.	ENGINEER OF RECORD.
ECIRCULATION PUMP	RCP-#	FD	FLOOR DRAIN	NFPA 90B	STANDARD FOR THE INSTALLATION OF WARM A	AIR HEATING AND AIR	9. PIPING SHALL NOT BE RUN ABOVE ELECTRICAL OR SERVER EQUIPMENT, COORDINATE WITH FIELD CONDITIONS.	6.PRIOR TO INSTALLATION, COORDINATE AND ADJUST THE FINAL LOCATION OF ALL MOUNTED DEVICES AND EQUIPMENT WITH ALL CASEWORK, SHELVING OR OTHER W
HECK VALVE / BACKFLOW PREVEN	NTOR 🔊	GWH HB	GAS WATER HEATER HOSE BIBB		CONDITIONING SYSTEMS		10.DO NOT PENETRATE WALL FOOTINGS AS REQUIRED TO CLEAR PLUMBING SERVICES.	MOUNTED FURNISHINGS.
ALL VALVE	<u>اڭا</u>	HD	HUB DRAIN	NFPA 101	LIFE SAFETY CODE		WHERE ABSOLUTELY NECESSARY, ALL PIPES PENETRATING BEARING WALL OR FOOTING MUST BE SLEEVED AND IN A LOCATION APPROVED BY THE STRUCTURAL ENGINEER.	7.PLANS ARE DIAGRAMMATIC IN NATURE AND INTENDED TO SHOW THE GENERAL SO OF THE WORK TO BE PERFORMED. REFER TO ARCHITECTURAL AND STRUCTURAL
LOW CONTROL VALVE			HOT WATER RETURN INVERT ELEVATION	NFPA 101A	GUIDE ON ALTERNATIVE APPROACHES TO LIFE	SAFETY		DRAWINGS FOR ALL DIMENSIONS.
		IM	ICE MAKER VALVE BOX	NFPA 101B	CODE FOR MEANS OF EGRESS FOR BUILDINGS	AND STRUCTURES	11.CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY SUPPORTING DEVICES OR ALL FIXTURES INCLUDED IN THESE CONTRACT DOCUMENTS.	8. DUE TO THE SMALL SCALE OF THE DRAWINGS, AND TO UNFORESEEN JOB CONDITION
OLENOID SHUTOFF VALVE		IRP	IN-LINE RECIRCULATION PUMP	NFPA 900	BUILDING ENERGY CODE		12.WALL BRACKETS, HANGERS, SUPPORTS, ETC. SHALL BE PROVIDED WHERE REQUIRED IN	ALL REQUIRED OFFSETS, TRANSITIONS AND FITTINGS MAY NOT BE SHOWN BUT SH/ PROVIDED AT NO ADDITIONAL COST.
OSE BIBB WITH VACUUM BREAKEF	R <u>HB-#</u> + - C-	L MS	LAVATORY MOP SINK	ASTM	AMERICAN SOCIETY FOR TESTING AND MATERI	IALS	ACCORDANCE WITH THE BEST STANDARD PRACTICE OF THE TRADE AND AS PER CODE. ADDITIONAL SUPPORTS SHALL BE PROVIDED TO TRANSMIT LOADS TO THE MAIN	9.THE CONTRACTOR SHALL COORDINATE WITH OTHER TRADES AND EXISTING EQUI
IR ADMITTANCE VALVE (BOD: STUI	· · · · · · · · · · · · · · · · · · ·	PF	PLUMBING FIXTURE	ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE		STRUCTURE WHERE REQUIRED. CPVC PIPING SUPPORTS SHALL BE 3'-0" ON CENTER FOR 1/2" THRU 1" AND 4'-0" ON CENTER FOR 1-1/2" AND LARGER. ALL EXPOSED SUPPORTS SHALL	TO ENSURE THE EQUIPMENT SPECIFIED WILL WORK FOR THE SPACES PROVIDED. F DIMENSIONS OF SYSTEMS SHOWN ON THESE PLANS SHALL BE COORDINATED IN TH
		SAN SH	SANITARY WASTE SHOWER	ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEE	RS	BE HOT DIPPED GALVANIZED OR FIBERGLASS REINFORCED "UNISTRUT" TYPE INCLUDING HARDWARE.	THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR PROVIDING OFFSETS AND TRANSITIONS TO FIT IN SPACES PROVIDED AND AT NO COST TO THE OWNER.
/ALL CLEANOUT LOOR CLEANOUT	₩CO IÞ⊃ FCO©	— ѕк	STAINLESS STEEL SINK	ADA	AMERICAN SOCIETY OF MECHANICAL ENGINEE		13.POWER WIRING, PANELS, TRANSFORMERS, AND DISCONNECT SWITCHES FOR	10.THE CONTRACTOR IS RESPONSIBLE FOR ANY SPECIAL REQUIREMENTS INVOLVE
LOOR DRAIN	<u><u>ED</u>@c—</u>	TYP TMV	TYPICAL THERMOSTATIC MIXING VALVE				PLUMBING EQUIPMENT SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL	INSTALLING EQUIPMENT IN THE BUILDING. DISMANTLING AND REASSEMBLING OF AI
LOOR SINK		UNO	UNLESS NOTED OTHERWISE		UNDERWRITERS LABORATORIES		CONTRACTOR. ALL CONTROL WIRING, RELAYS, AND PANELS SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING CONTRACTOR. ALL MOTOR STARTERS REQUIRED FOR ANY	EQUIPMENT SHALL BE DONE AS REQUIRED TO BRING INTO THE BUILDING AND EQU ROOMS.
XISTING SYSTEM PIPING	——— EX ### ———	UR	URINAL	CONTRACTOR	AND STANDARDS SHALL BE CONSIDERED A MININ SHALL NOT RELIEVED FROM PROVIDING HIGHEF	R GRADE MATERIALS,	PLUMBING EQUIPMENT SHALL BE FURNISHED BY THE PLUMBING CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR.	11.ALL WORK PERFORMED AS PART OF THIS PROJECT SHALL BE PERFORMED BY
		VTR WC	VENT THROUGH ROOF WATER CLOSET	PRODUCTS AN	ID WORKMANSHIP WHICH MAY BE SPECIFIED WI	THIN THESE DOCUMENTS.	14.INSTALL ACCESS PANELS (MINIMUM 18x18) WHERE EQUIPMENT REQUIRING ACCESS	EXPERIENCED TRADESMEN WHO ARE TRAINED, EXPERIENCED, AND SKILLED IN TH INCIDENTAL TO THE PROJECT.
EMOLITION KEYNOTE		— wco	WALL CLEAN OUT				RESIDES ABOVE AN INACCESSIBLE CEILING TYPE.	12.ALL WORK SHALL COMPLY WITH APPLICABLE OSHA AND EPS REGULATIONS AND
		WH WHA	WALL HYDRANT WATER HAMMER ARRESTER				15.ALL CONCEALED VALVES, WATER HAMMER ARRESTORS, CLEANOUTS, ETC., CONCEALED IN WALLS SHALL BE PROVIDED WITH AN ACCESS PANEL, ZURN MODEL ZN-1460 OR	GUIDELINES.
IMITS OF DEMOLITION		WHY	FREEZE PROOF WALL HYDRANT	INTERIOR	CLEANOUT SCHEDULE		APPROVED EQUAL.	13.THE CONTRACTOR PERFORMING WORK ON THIS PROJECT WILL BE RESPONSIBL REGULARLY CLEANING THE WORK AREA OF ANY DEBRIS ASSOCIATED WITH THE W
CCESS PANEL		ХТ	EXPANSION TANK	LOCATION	TYPE	<u>JR SMITH M#:</u>	16.ALL CONCEALED PIPING IN CHASE AREAS SHALL BE SUPPORTED WITH A PIPING SUPPORT SYSTEM, SUMNER POSIFIX, STAKFIX AND CHANNEL OR APPROVED EQUAL.	BEING PERFORMED. THE SITE SHALL BE CLEAN OF ALL CONSTRUCTION DEBRIS AT COMPLETION OF THE JOB, BEFORE FINAL PAYMENT IS MADE.
IIN. INVERT ELEVATION	MIN. I.E. = 36" B.F.F. •			FLOOR (FCO) (CAST IRON B		4028C	17.PURGE, CLEAN, DISINFECT & TEST WATER PIPING SYSTEMS. SUBMIT REPORT & WATER	
				PLUG, NICKEL WALL (WCO)	BRONZE TOP)	4532S	SAMPLES TO A.H.J. USE PROCEDURE PRESCRIBED BY A.H.J., OR IF METHOD NOT	14.REASONABLE PRECAUTIONS SHALL BE MADE FOR SAFETY AND HEALTH INCLUDI NOT LIMITED TO WARNING SIGNS, SAFETY PRECAUTIONS, AND BARRICADES FOR
-	POTABLE WATER			(CAST IRON B	DDY, BRONZE SS STEEL COVER)	40020	PRESCRIBED USE AWWA C651 OR AWWA C652.	PEDESTRIANS.
	1.ALL POTABLE WATER PIPING SHALL BE DISINF PLUMBING CODE AND VERIFIED BY WRITTEN RE			EXPOSED (TC		4400C	18.CONTRACTOR SHALL INSTALL WATER HAMMER ARRESTORS AT ALL QUICK CLOSING VALVES. REFER TO FPC 604.9.	15.COORDINATE ALL DEMOLITION, CLEANING, AND CONSTRUCTION WORK. CONTRA SHALL PROVIDE OWNER A FULL CONSTRUCTION SCHEDULE.
	2.ALL PLUMBING PIPING SHALL BE CONCEALED	IN FLOOR	S, WALLS, OR ABOVE CEILINGS AS	(CAST IRON B PLUG, THREA		4512S		16.CONTRACTOR SHALL BE HELD TO PROVIDED SCHEDULE. THEY SHALL BE RESPO
	APPLICABLE EXCEPT AT IMMEDIATE FIXTURE.				CLEANOUT SCHEDULE		CONDENSATE, SANITARY WASTE AND VENT	FOR PROVIDING SUFFICIENT MANPOWER AND EQUIPMENT TO COMPLETE THE WOR THE TIME INDICATED.
	3.PROVIDE HANGERS FOR SUPPLY PIPING AT A	MAXIMUM	SPACING OF 3 FEET.			JR SMITH M#:	1.GRAVITY FLOW SYSTEMS HAVE SPACE PRIORITY FOR SLOPING PIPES.	
	4.PROVIDE WATER HAMMER ARRESTORS AT EA BATTERY OF FIXTURES WHERE REQUIRED AND			ONE WAY (CAST IRON B		4233L	2.SLOPING PIPES SHALL BE STARTED AT THE HIGHEST POINT POSSIBLE.	EQUIPMENT AND MATERIALS. THE LOCATION OF STORAGE SHALL BE RESTRICTED SPECIFICALLY TO THE AREA ALLOTTED BY THE OWNER.
	FACTORY FABRICATED. SIZED PER PLUMBING A WH-201. AIR CHAMBERS SHALL NOT BE CONSID	ND DRAIN	AGE INSTITUTE STANDARD P.D.I	PLUG, CAST IF	RONTOP		3.ALL SOIL, WASTE, AND VENT PIPING SHALL BE TESTED IN ACCORDANCE WITH THE	18.ALL ITEMS INSTALLED UNDER THE SCOPE OF THIS PROJECT SHALL BE NEW, CLE
	ARRESTORS AS SPECIFIED.			TAPER THREA	D)		FLORIDA BUILDING CODE AND LOCAL PERMITTING AUTHORITIES REQUIREMENTS.	FREE OF DEFECTS.
	5.BALL VALVES 1/4" THRU 2" SHALL BE TWO PIEC STAINLESS STEEL BALL AND STEM (EXTENSION			TWO WAY		4233L	4.THE GENERAL CONTRACTOR SHALL VERIFY ALL FLOOR DRAIN AND WATER SUPPLY	19.IF DRAWING CHANGES ARE NEEDED FOR INSPECTION DUE TO FIELD CHANGES M THE CONTRACTOR WITHOUT PRIOR APPROVAL OF THE ENGINEER AND AGREED UP
	TEMPERED HOT WATER), BRONZE BODY WITH T			(CAST IRON B PLUG, CAST IF	RON TOP		LOCATIONS BEFORE POURING SLABS.	TERMS, THEN THE CONTRACTOR SHALL PAY HOURLY RATES TO THE ENGINEER OF
	6.DURING CONSTRUCTION ALL PRESSURE PIPIN				,		5.CONDENSATE, SANITARY AND VENT PIPING SHALL BE COLLECTED AND TERMINATED AT A POINT SHOWN ON THE DRAWINGS.	RECORD FOR MAKING NECESSARY CHANGES.
	HYDROSTATIC TEST OF 1-1/2 TIMES THE OPERA LESS THAN EIGHT (8) HOURS. NO LEAKAGE EVID	DENT DUR	ING THE TEST PERIOD IS	WATERH	AMMER ARRESTOR SCHEDULE		5.1. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR CONDENSATE PIPES AFTER	20.SUPPORTS, HANGERS, WIRING, AND PIPING SHALL BE INSTALLED IN A NEAT FASH AND IN AN ORDERLY APPEARANCE.
	ALLOWED. NOTIFY THE ARCHITECT AND ENGINE ANY TESTING SO THAT THEY MAY OBSERVE IF T	THE NEED	IS CALLED FOR. PIPING SYSTEMS,		NITS 1-11 12-32 33-60 61-113 M#: 5005 5010 5020 5030		AIR UNIT TRAP, MECHANICAL CONTRACTOR RESPONSIBLE FOR FIRST 12" OF CONDENSATE AND TRAP.	21.ALL ROOF EQUIPMENT SHALL BE SECURED TO STRUCTURE TO RESIST A 130 MPH
	EQUIPMENT, SPECIALTIES, PUMPS, TRAPS, VAL AND TESTED FOR PROPER FUNCTIONALITY AT					5040 5050	6.INVERT SHOWN ON PLANS IS AN ESTIMATE OF MINIMUM INVERT CALCULATED USING	LOAD.
	ANY LEAKAGE OR MALFUNCTIONS SHALL BE RE	PAIRED.		SUBMITTA	L REQUIREMENTS		ENGINEERING ESTIMATES OF SLOPE, FITTING DIMENSIONS AND OTHER FACTORS THAT MAY NOT MATCH THE EXACT FIELD CONDITIONS. DUE DILIGENCE HAS BEEN PUT FORTH TO	22.PROTECT THE ROOF FROM DAMAGE WHENEVER ANY WORK ON THE ROOF IS REP
	7.PROVIDE ISOLATION AND ASSE1024 DUAL CHE BEVERAGE CONNECTION, CARBONATED DEVIC				PPROVAL STAMP ON SUBMITTAL DOCUMENTS C HAS COMPLIED WITH THE CONTRACT DOCUME		COORDINATE THIS WITH THE SITE CONNECTIONS BUT IT IS THE RESPONSIBILITY OF THE	23.CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF ALL PARTITIONS LABELED WIT SPECIAL LISTING ON THE ARCHITECTURAL PLANS. THIS INCLUDES FIRE, SMOKE
	AND ICE MACHINE SUPPLY, PER FBC-P608.3 AND	· · · ·	,,		ACTOR SHALL NOT BE RELIEVED OF RESPONSIBI		CONTRACTOR TO VERIFY ACTUAL SITE CONNECTION INVERT AND ITS CONNECTION TO THE BUILDING SERVICE PIPING. ANY ISSUES SHALL BE BROUGHT TO THE ATTENTION OF THE EOR BRIOR TO COMMENCING WITH INSTALLATION OF UNDER CROUND DIRING	ACOUSTICAL AND OTHER UL WALL OR CEILING ASSEMBLIES.
	8.MOUNT HOSE BIBBS 24" ABOVE FINISHED GRA	DE, UNLE	SS OTHERWISE NOTED.	REQUIREMEN	TS OF THE CONTRACT DOCUMENTS BY THE ARC SHOP DRAWINGS, PRODUCT DATA, SAMPLES, C	HITECT/ENGINEER'S	EOR PRIOR TO COMMENCING WITH INSTALLATION OF UNDERGROUND PIPING.	24.STRUCTURAL PENETRATIONS INCLUDING BUT NOT LIMITED TO WALL, FLOOR, OF SHALL BE APPROVED BY THE STRUCTURAL ENGINEER. ALL BEAM SLEEVES AND
	9.ALL PRESSURE PIPING SHALL BE INSTALLED A NOTED OTHERWISE.	BOVE CEI	LING AND IN WALLS UNLESS	UNLESS THE C	SHOP DRAWINGS, PRODUCT DATA, SAMPLES, C ONTRACTOR HAS SPECIFICALLY INFORMED THE JCH DEVIATION AT THE TIME OF SUBMITTAL AND	E ARCHITECT/ENGINEER IN	7.WHEN REQUIRED BY CODE PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL AN AIR GAP SERVING INDIVIDUAL FIXTURES, DEVICES, OR APPLIANCES.	REINFORCING APPROVED BY THE STRUCTURAL ENGINEER. ALL BEAM SLEEVES AND INSTALLED BY THE CONTRACTOR.
	10.BELOW GRADE			HAS GIVEN WI	RITTEN APPROVAL TO THE SPECIFIC DEVIATION. /ED OF RESPONSIBILITY FOR ERRORS OR OMISS	THE CONTRACTOR SHALL	8.ALL SANITARY WASTE LINES SHALL BE INSTALLED UNDER THE FLOOR SLAB, UNLESS	
					A, SAMPLES, OR SIMILAR SUBMITTAL ITEMS BY 1		OTHERWISE NOTED. VENT PIPING SHALL BE INSTALLED ABOVE CEILING AND IN WALLS UNLESS NOTED OTHERWISE.	25.CONTRACTOR SHALL GUARANTEE THE WORK AND MATERIALS FOR PERIOD OF C YEAR FROM THE DATE OF FINAL ACCEPTANCE. THIS GUARANTEE SHALL BE IN ADDI
	10.1.PIPING SHALL BE COATED WITH HEAVY SEALKOTE OR APPROVED EQUAL.						9.FLOOR DRAIN TRAPS SHALL BE DEEP SEAL (MIN. 4"). FURNISH AND INSTALL TRAP	THE WARRANTIES PROVIDED BY THE MATERIAL SUPPLIES AND MANUFACTURERS.
	10.2. UNDERGROUND SERVICE PIPING SHALL	BE COPPE	ER TUBING.		R SHALL SUPPLY TO THE ARCHITECT SUBMITTA CABLE (ALL MAY NOT APPLY):	LS ON THE FOLLOWING	PRIMERS, WHERE INDICATED, OR IF LOCAL CODES REQUIRE THEM. VERIFY AND INCLUDE IN BID. PER FBC-P 1002.4 ANY TRAPPED FIXTURE SUBJECT TO EVAPORATION SHALL BE	26.VALUE ENGINEERING OR CHANGES TO PLANS MUST BE APPROVED BY THE ENGI OF RECORD AND RESUBMITTED THROUGH THE BUILDING DEPARTMENT PRIOR TO B
	11.PIPING SPECIFICATIONS				NG FIXTURES		FURNISHED WITH 1/2" TRAP PRIMER CONNECTION TO NEAREST DCW WATER SUPPLY LINE, WITH VALVE CONFORMING TO ASSE1018. USE SELF SEAL RUBBER TYPE THAT CONFORM TO	INSTALLED.
	11.1.ABOVE GRADE DOMESTIC COLD WATER CPVC WITH SOLVENT WELD FITTINGS.				ION MATERIALS		ASSE1044 FOR REMOTE DRAINS THAT ARE OVER 20' FROM THE WATER SUPPLY.	PLUMBING SHEET INDEX
	11.1.1.PROVIDE TRANSITION FITTINGS AS F STOPS, EQUIPMENT AND OTHER CO	MPONENT	S.	3.5. VALVES			10.SIZE AND LOCATION OF CLEANOUTS SHALL BE IN ACCORDANCE WITH FLORIDA PLUMBING CODE AND ALL JURISDICTIONAL REGULATIONS.	SHEET
	11.1.2. ALL PIPES AND FITTINGS SHALL CON 11.2. PIPING LOCATED IN RETURN AIR PLENUI	IFORM TO MS SHALL	ASTM 1784. BE TYPE L HARD COPPER TUBE		TER HEATER		11.PIPING SPECIFICATIONS	NUMBER SHEET NAME
	OR CPVC WITH 1" THICK FIRE WRAP INSI 11.3.EXPOSED PIPING SHALL BE TYPE L HARI	JLATION S	EALED TO PROVIDE FS/SD=25/50.				11.1.CONDENSATE. DOMESTIC WASTE. AND VENT PIPING SHALL BE SCHEDULE 40	P001     PLUMBING ABBREVIATIONS, SYMBOLS & LEGEND       P101     FLOOR PLAN - PLUMBING - DRAIN & VENT
	ADJACENT ARCHITECTURAL SURFACE.	_ J. I LIV			SYSTEMS - WATER HEATING		PVC/DWV PIPE WITH SOLVENT WELD DRAINAGE FITTINGS CONFORMING TO ASTM	P102 FLOOR PLAN - PLUMBING - PRESSURE   P501 PLUMBING DETAILS & SCHEDULES
	12.INSULATION SPECIFICATIONS				TER HEATING EQUIPMENT SHALL ALLOW LAVAT ES IN PUBLIC FACILITY RESTROOMS SHALL BE LI		D-2665.	P502 PLUMBING DETAILS
	12.1.INSULATE COLD WATER SUPPLY PIPING ALL HOT WATER WITH 1" IMCOLOCK PRE			TMV.				PG101 FLOOR PLAN - PLUMBING - GAS
	FITTINGS WITH MITERED CUT PIECES OF	IMCÓLOC	K, 1" INSULATION.		TING EQUIPMENT AND HOT WATER STORAGE TA TS OUTLINED IN FBC CHAPTER 4, TABLE C404.2 A		11.3. PIPING INSTALLED WITHIN A RETURN AIR PLENUM SHALL BE CAST IRON WITH HUB AND SPIGOT FITTINGS OR PVC PIPING WITH 1/2" THICK FIRE WRAP INSULATION	
	12.2. THERE SHALL BE NO EXPOSED HOT WA MECHANICAL OR EQUIPMENT ROOMS.			BE VERIFIED T	HROUGH DATA FURNISHED BY THE MANUFACTU	JRER THROUGH	SEALED TO PROVIDE FS/SD=25/50.	
	12.3. PIPING UNDER HANDICAPPED LAVATORI WITH DISABILITIES ACT WITH FACTORY F				TER SUPPLY AND RECIRCULATION PIPING IN THE		11.4. UNLESS NOTED OTHERWISE, ASSUME ALL COMBINED DISCHARGE CONNECTIONS ARE WYE TYPE.	
	RESIN INSULATION.			BE INSULATED	WITH MINIMUM 1IN OF INSULATION HAVING A CO		12.EXPOSED PIPING	
	13.EXPOSED PIPING			/ H X FT^2 X °F			12.1.ALL EXPOSED PIPING SHALL BE COORDINATED WITH OTHER ABOVE-CEILING	
	13.1.ALL EXPOSED PIPING SHALL BE COORDI SYSTEMS SAND ROUTED TO AVOID CON						SYSTEMS AND ROUTED TO AVOID CONFLICTS EVEN IF ITS ROUTING IS DIFFERENT THAN WHAT IS SHOWN ON THESE PLANS.	
	THAN THAT WHICH IS SHOWN ON THESE							
	13.2.ALL EXPOSED PIPING SHALL BE INSTALL		AND ORDERLY. PAINT TO MATCH				12.2. ALL EXPOSED PIPING SHALL BE INSTALLED NEAT AND ODDEDLY DAINE TO MATCH	
		ED NEAT A					12.2.ALL EXPOSED PIPING SHALL BE INSTALLED NEAT AND ORDERLY. PAINT TO MATCH ADJACENT ARCHITECTURAL SURFACE OR AS DIRECTED BY ARCHITECT.	

Seal: Car E GELHARD Consultant:	Olleril.			
0,10			ADVANCED SCHEM. DESIGN LJ REGII 01/20/2023	
		City of lalanassee	50% CONSTRUCTION DOCS. LJ REGII 10/02/2023	
<b>FSM</b> Engineering			90% CONSTRUCTION DOCS. LJ REGII 01/11/2024	
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Rebert Gelhardtil, PE EL 77568				
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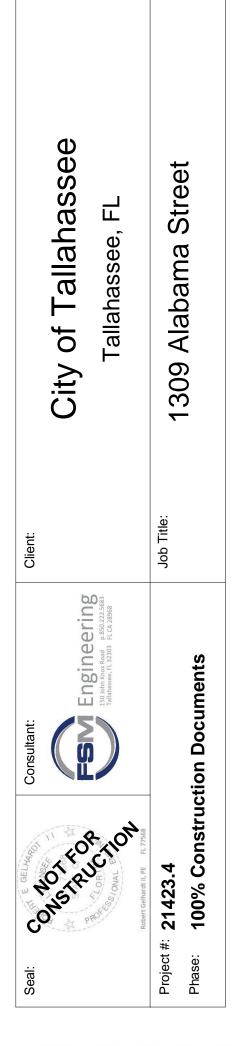
Architects Lewis + Whitlock 206 West Virginia St. Tallahassee, Florida 32301 850,942.1718 www.think3d.net

Description: PLUMBING ABBREVIATIONS, SYMBOLS & LEGEND Sheet No.:





	SANITARY RENOVATION NOTES	і.					
1.	SANITARY SEWER SYSTEM HAS BEEN DESIGNED & ROUTED WITH	DATE					
	COORDINATION OF STRUCTURAL FOOTERS & FOUNDATION PLANS. THESE DOCUMENTS SHOULD BE FIELD VERIFIED PRIOR TO INSTALLATION TO ASSURE COMPLIANCE.	REVIEWED:					
2.	FIELD VERIFY EXISTING SANITARY PRIOR TO COMMENCEMENT OF WORK.	RE					
	WORK.	DRAWN:					
$\otimes$	PLUMBING RENOVATION KEYED NOTES						
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.	ION:					
2	3" VENT TO ROOF, PLUMBING CONTRACTOR SHALL VERIFY AT LEAST 10 FEET HORIZONTAL DISTANCE TO OUTSIDE AIR INTAKES.	REVISION					
3	REFER TO PLUMBING FIXTURE SCHEDULE FOR EXACT PLUMBING CONNECTIONS.	Ë					
				$\sim$	4	4	
4	ROUTE CONDENSATE OUT TO CONDENSATE DRYWELL. REFER TO DETAIL.		023	023	Ś	8	
4 5	ROUTE CONDENSATE OUT TO CONDENSATE DRYWELL. REFER TO DETAIL. ANTICIPATED GREASE INTERCEPTOR LOCATION. FUTURE SELECTION BY OWNER.	DATE:	01/20/2023	10/02/2023	01/11/2024	02/02/2024	
	ANTICIPATED GREASE INTERCEPTOR LOCATION. FUTURE SELECTION BY	VIEWED: DATE:	REGII 01/20/2023			REGII 02/02/202	



THESE DF MEDIA AN PURPOSE PLACED (

PHA ADVA 90% ( 100%

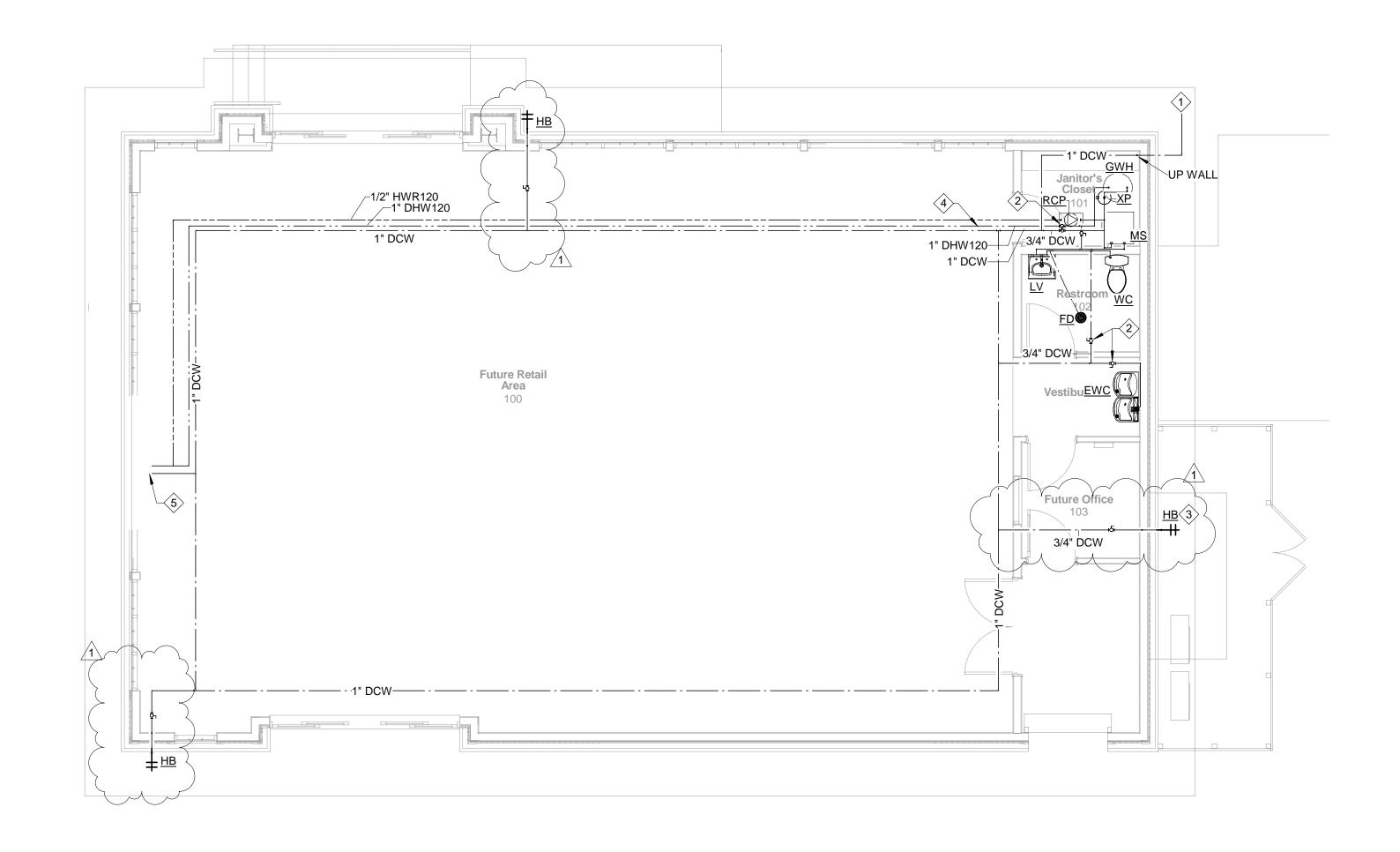


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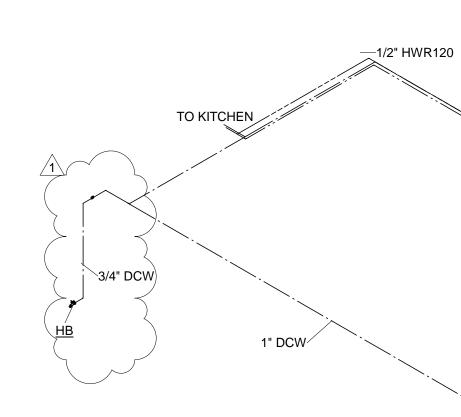
Description: FLOOR PLAN -PLUMBING - DRAIN & VENT

Sheet No.:

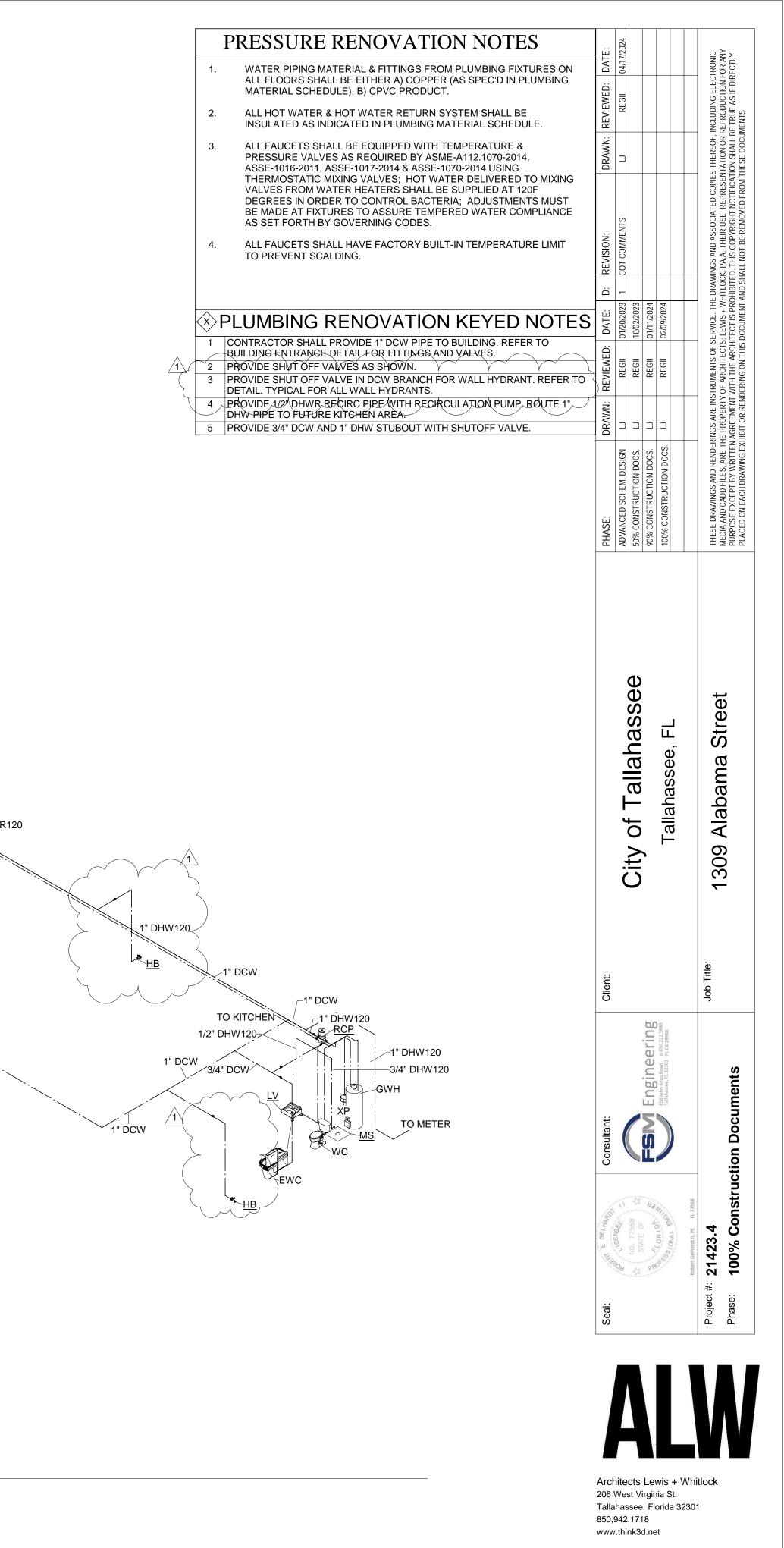
P101



# 1 FLOOR PLAN - PLUMBING - PRESSURE P102 Scale: 3/16" = 1'-0"





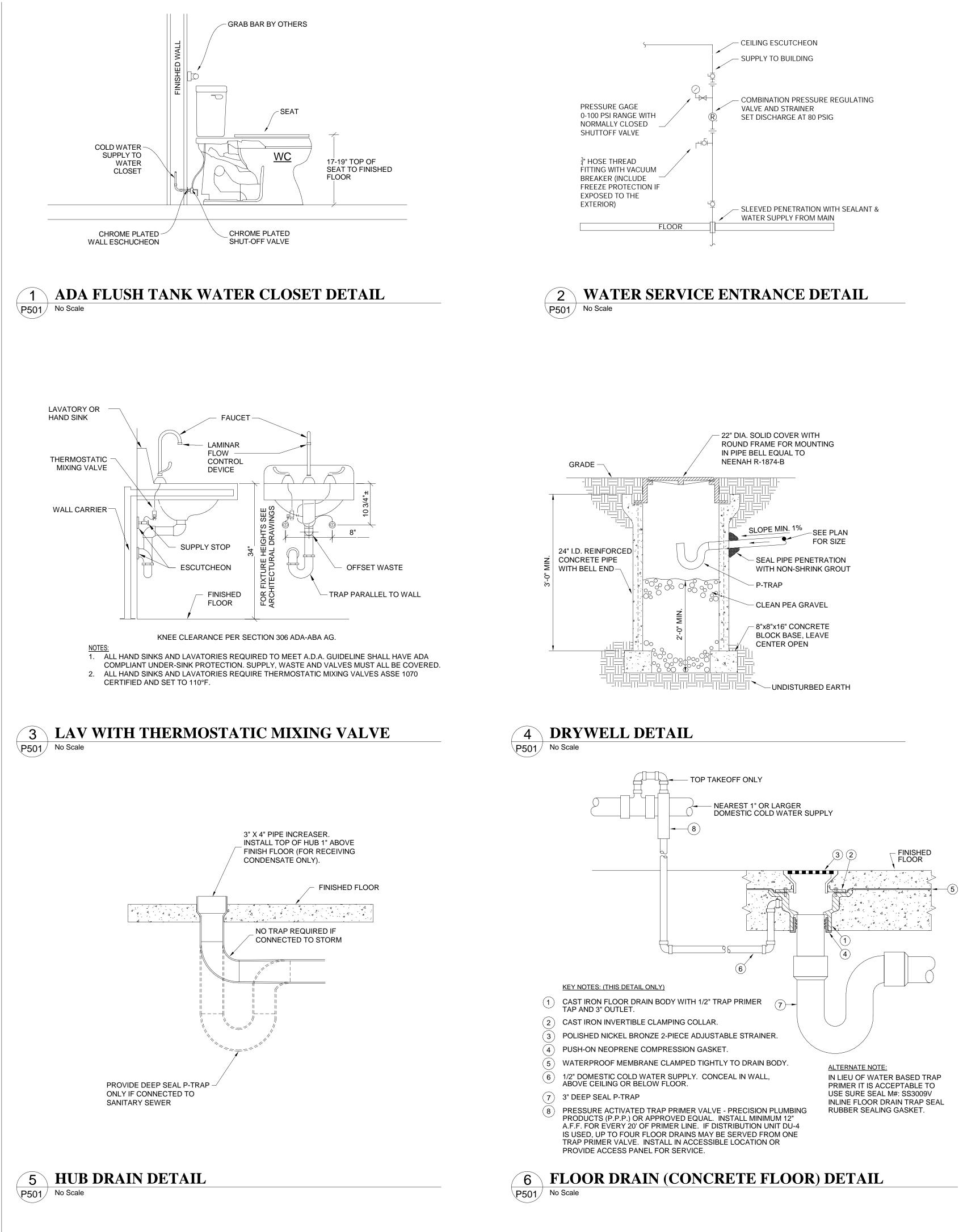


Description:

FLOOR PLAN -PLUMBING -PRESSURE

Sheet No.:

P102



			PLUMBING FIXTURE SCHEDULE				
MARK EWC	FIXTURE TYPE ADA DUAL HEIGHT DRINKING FOUNTAIN	MFG/ MODEL ELKAY/LZSTL8WSLK	FIXTURE DISCRIPTION 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	CW 1/2"	HW 0"	SAN 1 1/2"	Image
ХР	EXPANSION TANK	AMTROL/ST-5-C	CARRIER. 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"	Eles
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"	a la
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"	

			PLUN	IBING FIXTU	RE CALCUL	ATION			
Mark	QUANTITY	CWFU	TOTAL CWFU	HWFU	TOTAL HWFU	TWFU	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
НВ	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	0	5	5	4	4
Grand total	9	•	15	•	3.75	•	16.25	•	14.5

В	IPING

TYPE	FU	SIZE
DCW METER/ DISTRIBUTION	16.3	3/4" / 1"
SEWAGE	11.5	4"
REMARKS:		

BRING ANY ISSUES TO EOR.

Seal: Care Celebrary Consultant:	Client:		PHASE: DRAWN:	DRAWN: REVIEWED: DATE: ID: REVISION:	ID: REVISION:	DRAWN: F	DRAWN: REVIEWED: DATE:
			ADVANCED SCHEM. DESIGN LJ	REGII 01/20/2023	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
L L Ln		UITY OF LAHANASSEE	50% CONSTRUCTION DOCS. LJ	REGII 10/02/2023	3		
	Engineering		90% CONSTRUCTION DOCS. LJ	REGII 01/11/2024	1		
	150.John Knox Road p. 850.222.5683 Tallahassee, FL 32303 FL CA 28968	Tallahaceaa El	100% CONSTRUCTION DOCS. LJ	REGII 02/02/2024	4		
CONAL DO							
Robert Geihardt II, PE FL 77568							
Project #: 21423.4	Job Title:	1200 Alabama Ctroot	THESE DRAWINGS AND RENDERINGS ARE INSTRUMENTS OF SERVICE. THE DRAWINGS AND ASSOCIATED COPIES THEREOF, INCLUDING ELECTRONIC	NSTRUMENTS OF SERVICE. T	HE DRAWINGS AND ASSOCIATED	) COPIES THEREOF, IN	CLUDING ELECTRONIC
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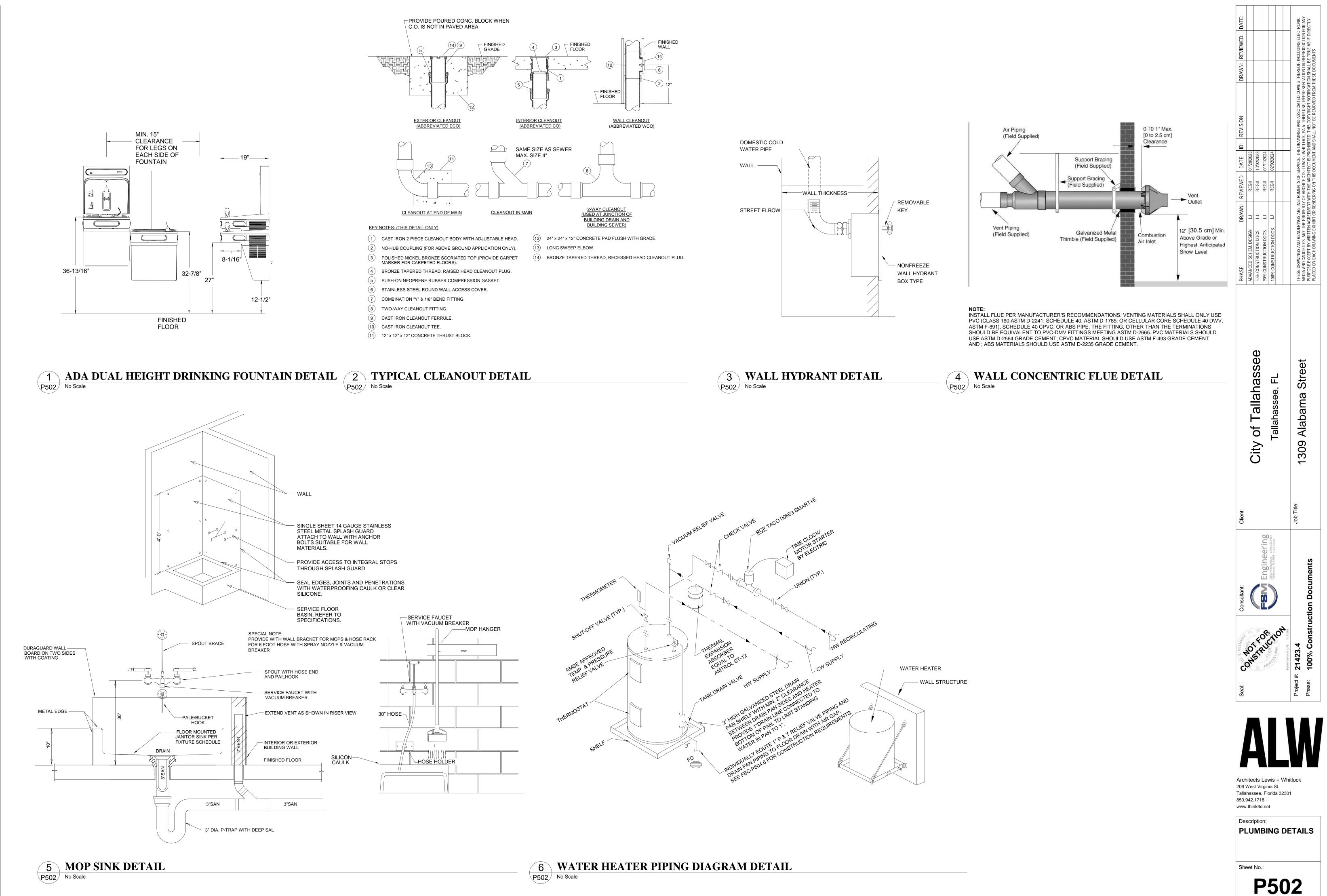


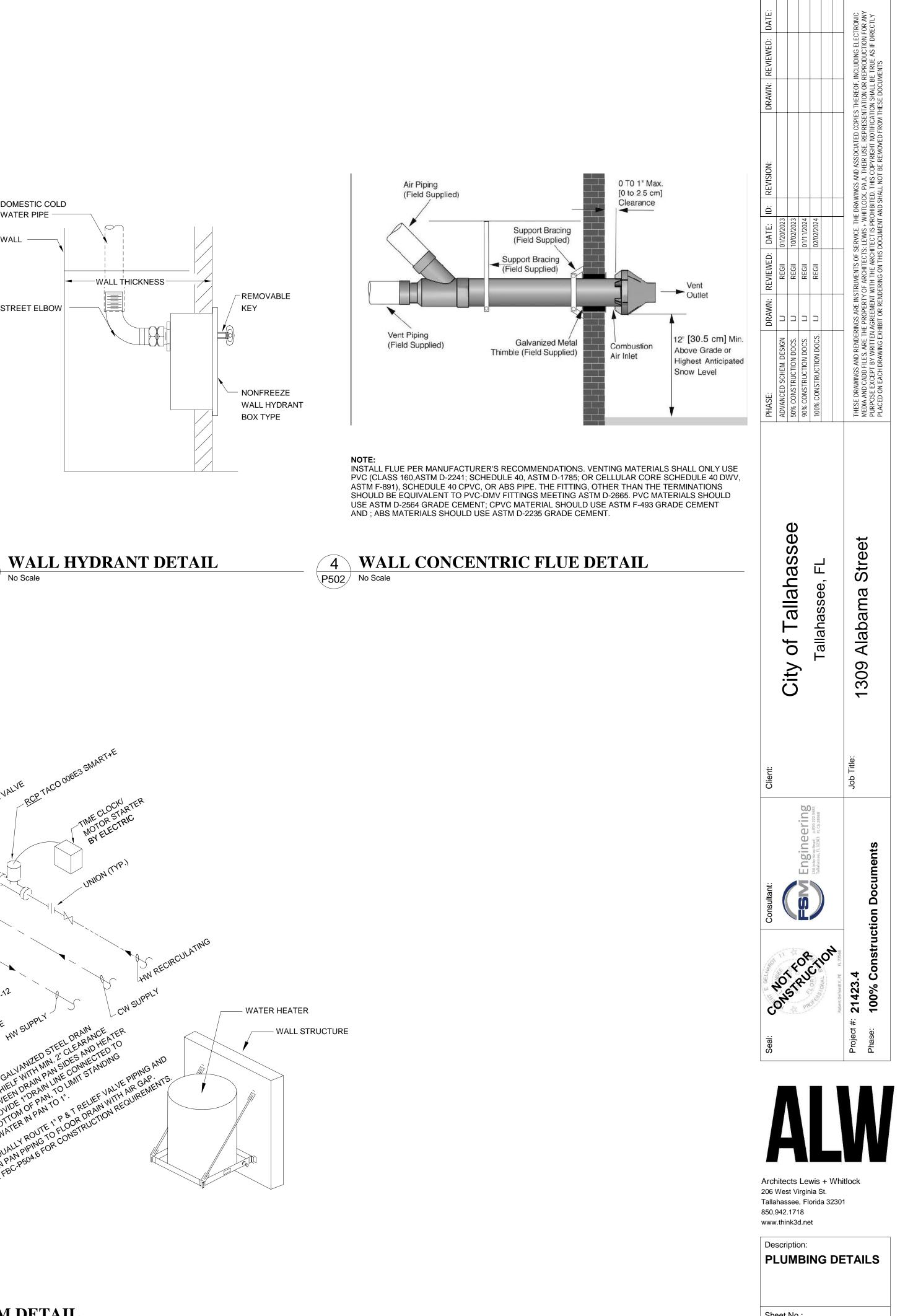
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Description: PLUMBING DETAILS & SCHEDULES

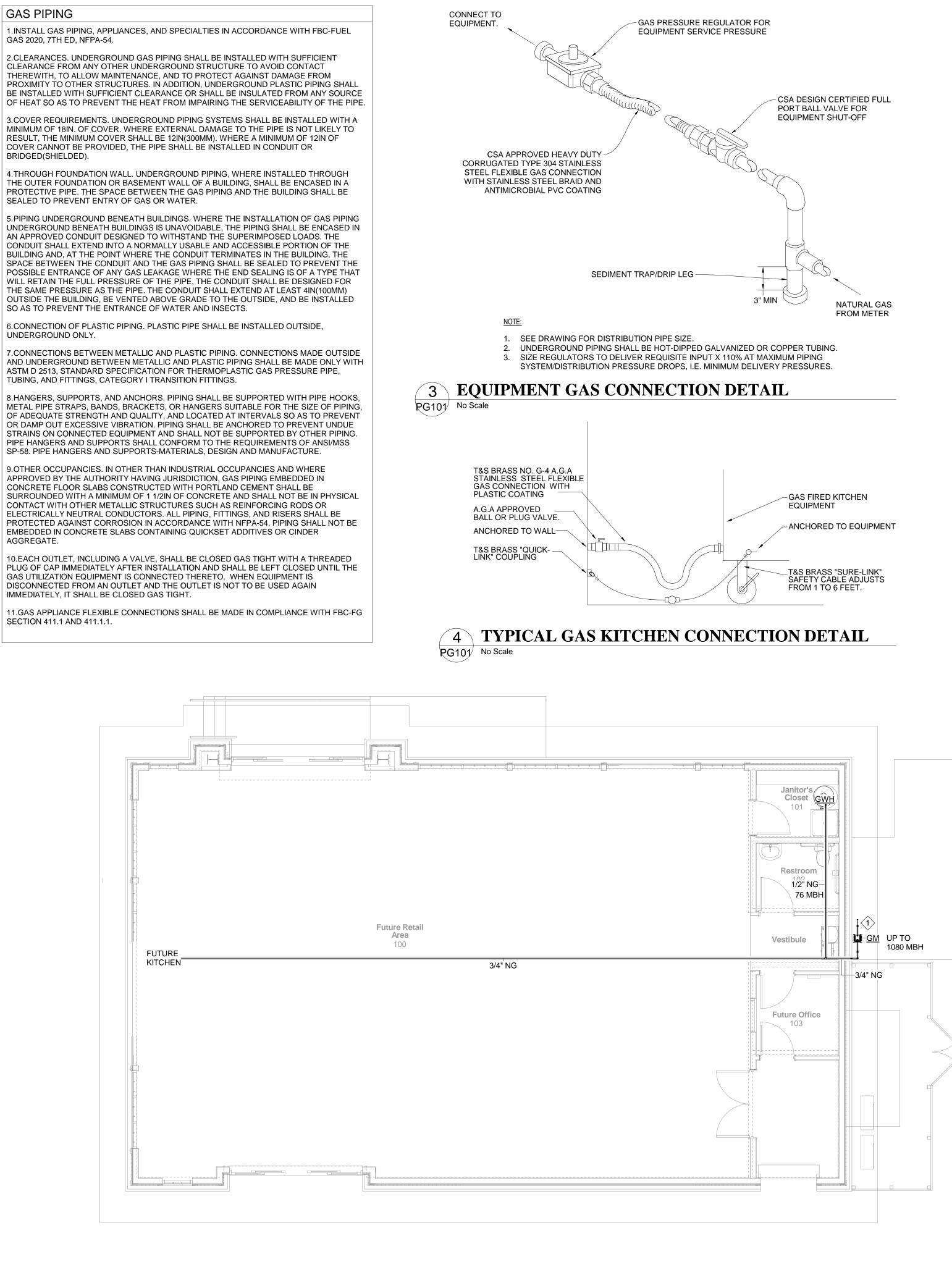
Sheet No.:











**FLOOR PLAN - PLUMBING - GAS** 

**PG101** Scale: 3/16" = 1'-0"

						Gas	Natural		
					Inlet	t Pressure	2.0 psi		
					Pres	sure Drop	1.0 psi		
					Specif	fic Gravity	0.60		
				PIPE SI	ZE (inch)	-			
Nominal	1/2	3/ <sub>4</sub>	1	1 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	2	21/2	3	4
Actual ID	0.622	0.824	1.049	1.380	1.610	2.067	2.469	3.068	4.026
Length (ft)			62	Capaci	ty in Cubic Feet	of Gas Per	Hour		
10	1,510	3,040	5,560	11,400	17,100	32,900	0 52,500	92,800	189,000
20	1,070	2,150	3,930	8,070	12,100	23,300	0 37,100	65,600	134,000
30	869	1,760	3,210	6,590	9,880	19,000	0 30,300	53,600	109,000
40	753	1,520	2,780	5,710	8,550	16,500	0 26,300	46,400	94,700
50	673	1,360	2,490	5,110	7,650	14,700	0 23,500	41,500	84,700
60	615	1,240	2,270	4,660	6,980	13,500	0 21,400	37,900	77,300
70	569	1,150	2,100	4,320	6,470	12,500	0 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	0 17,500	30,900	63,100
100	462	934	1,710	3,510	5,260	10,100	0 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	2,601	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

PIPING SHALL BE HOT-DIPPED GALVANIZED OR COPPER TUBING.
S TO DELIVER REQUISITE INPUT X 110% AT MAXIMUM PIPING
JTION PRESSURE DROPS, I.E. MINIMUM DELIVERY PRESSURES.

SHUTOFF VALVE TO KITCHEN EQUIPMENT.



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	ADVANCED SCHEM. DESIGN LJ REGII 01/20/2023		
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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			

Description:

Sheet No.:

FLOOR PLAN -**PLUMBING - GAS** 

**PG101** 

