PLUMBING LEGEND		ABBF
120 HOT WATER SUPPLY	DHW	AAV
HOT WATER RETURN	——————————————————————————————————————	AFF
COLD WATER SUPPLY	DCW	AHAP
SANITARY	SAN	BFP BF
KITCHEN GREASE SANITARY	GW	BFF
STORM	ST	BG
STORM OVERFLOW	OF	BOD
VENT PIPING	VENT	— c
CONDENSATE	C	CO
	-	CWV
		DCW DHW
ELBOW, TURNED UP		
ELBOW, 90°	†	ECO
CONNECTION, TOP		EWC
CONNECTION, BOTTEM		EWH
CONNECTION, SIDE	<u>+</u>	EX
CAP, AIR AND WATER TIGHT	E	FC
VENT THROUGH ROOF	VTRO	FCO
RECIRCULATION PUMP	€ RCP-#	FD
CHECK VALVE / BACKFLOW PREVENTOR		GWH
BALL VALVE	151	HB HD
FLOW CONTROL VALVE	•	HWR
WATER METER		IE
PRESSURE REGULATOR	\mathbb{R}	IM
SOLENOID SHUTOFF VALVE	 X	IRP
HOSE BIBB WITH VACUUM BREAKER	<u>HB-#</u> +C	— L
AIR ADMITTANCE VALVE (BOD: STUDOR)		MS PF
UNION		SAN
WALL CLEANOUT		SH
	₩CO ()->	— sк
FLOOR CLEANOUT	FCO©	TYP
FLOOR DRAIN	<u>FD</u> @C—	TMV
FLOOR SINK	<u>FS</u>	UNO
EXISTING SYSTEM PIPING	EX ###	UR
TO BE DEMOLISHED	·////EX###/////	VTR
DEMOLITION KEYNOTE	#	wc wco
RENOVATION KEYNOTE	$\langle \# \rangle$	WH
CONNECT TO EXISTING	$\overline{\mathbf{O}}$	WHA
LIMITS OF DEMOLITION		WHY
ACCESS PANEL		ХТ
MIN. INVERT ELEVATION	MIN. I.E. = 36" B.F.F.	

EVIATIONS AIR ADMITTANCE VALVE ABOVE FINISHED FLOOR AS HIGH AS POSSIBLE BACK FLOW PREVENTOR BELOW FLOOR BELOW FINISHED FLOOR BELOW GRADE BASIS OF DESIGN CONDENSATE CLEAN OUT COMBINATION WASTE AND VENT DOMESTIC COLD WATER DOMESTIC HOT WATER DOWN EXTERIOR CLEANOUT ELECTRIC WATER COOLER ELECTRIC WATER HEATER EXISTING FLOW CONTROL VALVE FLOOR CLEANOUT FLOOR DRAIN GAS WATER HEATER HOSE BIBB HUB DRAIN HOT WATER RETURN INVERT ELEVATION ICE MAKER VALVE BOX IN-LINE RECIRCULATION PUMP LAVATORY MOP SINK PLUMBING FIXTURE SANITARY WASTE SHOWER STAINLESS STEEL SINK TYPICAL THERMOSTATIC MIXING VALVE UNLESS NOTED OTHERWISE URINAL VENT THROUGH ROOF WATER CLOSET WALL CLEAN OUT WALL HYDRANT WATER HAMMER ARRESTER

HY FREEZE PROOF WALL HYDRANT EXPANSION TANK

ALL MAY NOT APPLY

POTABLE WATER

1.ALL POTABLE WATER PIPING SHALL BE DISINFECTED IN ACCORDANCE WITH THE PLUMBING CODE AND VERIFIED BY WRITTEN REPORT FROM THE STATE BOARD OF HEALTH.

2.ALL PLUMBING PIPING SHALL BE CONCEALED IN FLOORS, WALLS, OR ABOVE CEILINGS AS APPLICABLE EXCEPT AT IMMEDIATE FIXTURE.

3. PROVIDE HANGERS FOR SUPPLY PIPING AT A MAXIMUM SPACING OF 3 FEET.

4.PROVIDE WATER HAMMER ARRESTORS AT EACH FIXTURE, QUICK CLOSING VALVE, OR BATTERY OF FIXTURES WHERE REQUIRED AND PER FBC-P 604.9. ARRESTORS SHALL BE FACTORY FABRICATED. SIZED PER PLUMBING AND DRAINAGE INSTITUTE STANDARD P.D.I WH-201. AIR CHAMBERS SHALL NOT BE CONSIDERED AN EQUAL TO WATER HAMMER ARRESTORS AS SPECIFIED.

5.BALL VALVES 1/4" THRU 2" SHALL BE TWO PIECE - 600 WOG, TEFLON SEATS, ANSI 316 STAINLESS STEEL BALL AND STEM (EXTENSION STEM ON INSULATED HOT WATER AND TEMPERED HOT WATER), BRONZE BODY WITH THREADED OR SOLDER ENDS.

6.DURING CONSTRUCTION ALL PRESSURE PIPING SYSTEMS SHALL RECEIVE A HYDROSTATIC TEST OF 1-1/2 TIMES THE OPERATING PRESSURE FOR A PERIOD OF NOT LESS THAN EIGHT (8) HOURS. NO LEAKAGE EVIDENT DURING THE TEST PERIOD IS ALLOWED. NOTIFY THE ARCHITECT AND ENGINEER OF RECORD 24 HOURS IN ADVANCE OF ANY TESTING SO THAT THEY MAY OBSERVE IF THE NEED IS CALLED FOR. PIPING SYSTEMS, EQUIPMENT, SPECIALTIES, PUMPS, TRAPS, VALVES, STRAINERS, ETC. SHALL BE INSPECTED AND TESTED FOR PROPER FUNCTIONALITY AT THE CONCLUSION OF CONSTRUCTION AND ANY LEAKAGE OR MALFUNCTIONS SHALL BE REPAIRED.

7.PROVIDE ISOLATION AND ASSE1024 DUAL CHECK BACKFLOW PREVENTION BEFORE AND BEVERAGE CONNECTION, CARBONATED DEVICE(ASSE1022), STERILIZATION EQUIPMENT, AND ICE MACHINE SUPPLY, PER FBC-P608.3 AND 608.17.

8.MOUNT HOSE BIBBS 24" ABOVE FINISHED GRADE, UNLESS OTHERWISE NOTED.

9.ALL PRESSURE PIPING SHALL BE INSTALLED ABOVE CEILING AND IN WALLS UNLESS NOTED OTHERWISE.

10.BELOW GRADE

10.1. PIPING SHALL BE COATED WITH HEAVY TROWEL GRADE LION OIL CO. NOKORODE SEALKOTE OR APPROVED EQUAL.10.2. UNDERGROUND SERVICE PIPING SHALL BE COPPER TUBING.

11. PIPING SPECIFICATIONS

11.1.ABOVE GRADE DOMESTIC COLD WATER SUPPLY PIPING SHALL BE HIGH IMPACT CPVC WITH SOLVENT WELD FITTINGS.

11.1.1.PROVIDE TRANSITION FITTINGS AS REQUIRED TO INSTALL VALVES, FIXTURE STOPS, EQUIPMENT AND OTHER COMPONENTS. 11.1.2.ALL PIPES AND FITTINGS SHALL CONFORM TO ASTM 1784.

11.2. PIPING LOCATED IN RETURN AIR PLENUMS SHALL BE TYPE L HARD COPPER TUBE OR CPVC WITH 1" THICK FIRE WRAP INSULATION SEALED TO PROVIDE FS/SD=25/50.

11.3. EXPOSED PIPING SHALL BE TYPE L HARD COPPER TUBE PAINTED TO MATCH

12.INSULATION SPECIFICATIONS

ADJACENT ARCHITECTURAL SURFACE.

12.1. INSULATE COLD WATER SUPPLY PIPING IN EXTERIOR WALLS AND ATTIC AS WELL AS ALL HOT WATER WITH 1" IMCOLOCK PRE-SLIT, PRE-GLUED INSULATION. INSULATE FITTINGS WITH MITERED CUT PIECES OF IMCOLOCK, 1" INSULATION.

12.2. THERE SHALL BE NO EXPOSED HOT WATER SUPPLY PIPING EXCEPT WITHIN MECHANICAL OR EQUIPMENT ROOMS.

12.3. PIPING UNDER HANDICAPPED LAVATORIES SHALL BE INSULATED PER AMERICANS WITH DISABILITIES ACT WITH FACTORY FABRICATED SEAMLESS MICROBIAL PVC RESIN INSULATION.

13.EXPOSED PIPING

13.1.ALL EXPOSED PIPING SHALL BE COORDINATED WITH OTHER ABOVE-CEILING SYSTEMS SAND ROUTED TO AVOID CONFLICTS EVEN IF ITS ROUTING IS DIFFERENT THAN THAT WHICH IS SHOWN ON THESE PLANS.

13.2.ALL EXPOSED PIPING SHALL BE INSTALLED NEAT AND ORDERLY. PAINT TO MATCH ADJACENT ARCHITECTURAL SURFACE OR AS DIRECTED BY ARCHITECT.

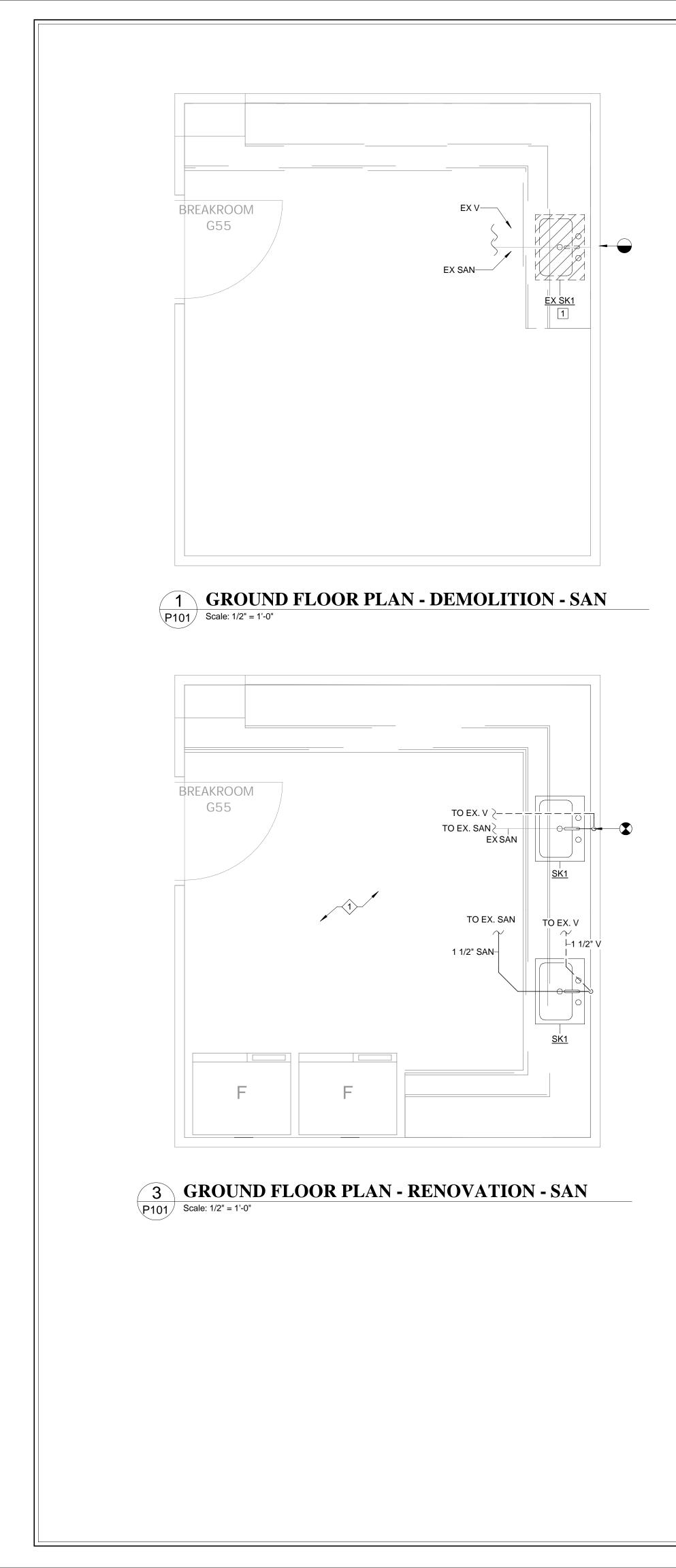
	(ALL MAY NOT APPLY) E ESTABLISHED STANDARDS OF THE FOLLOWING	PLUMBING GENERAL NOTES 1.LOCATIONS OF ANY WASTE AND SUPPLY PIPING SHOWN ARE ONLY APPROXIMATE. THE
ORGANIZATIONS, AND INDIVI	DUAL STANDARDS NAMED SHALL BE FOLLOWED THE SAME AS EN HEREIN AND CONSTITUTE A PART OF THE SPECIFICATION	PLUMBING CONTRACTOR SHALL VERIFY THESE LOCATIONS BEFORE PROCEEDING WITH WORK.
		2.ALL PLUMBING PIPE SHALL BE RUN STRAIGHT, SQUARE, AND LEVEL. NO SAGGING OF
FBC,BUILDING FBC,PLUMBING	FLORIDA BUILDING CODE 8TH EDITION	PLUMBING PIPING SHALL BE ACCEPTED. 3.ALL DRAINAGE PIPING 3" AND LARGER SHALL HAVE A MINIMUM SLOPE OF 1/8" PER FOOT,
FBC,EXISTING BUILDING	FLORIDA BUILDING CODE 8TH EDITION	PIPING 2-1/2" AND SMALLER SHALL HAVE A MINIMUM SLOPE OF 1/4" PER FOOT UNLESS OTHERWISE NOTED.
FBC, FUEL GAS	FLORIDA BUILDING CODE 8TH EDITION	4.VENT PIPING SHOWN ON FLOOR PLAN IS ONLY INDICATIVE EXCEPT FOR VTR LOCATIONS.
FBC, ENERGY CONSERVATIO	N FLORIDA BUILDING CODE 8TH EDITION	5.CONTRACTOR SHALL INSTALL DIELECTRIC UNIONS AT CONNECTIONS OF DISSIMILAR METALS.
FFPC	FLORIDA FIRE PREVENTION CODE, 2023 8TH EDITION	6.VALVES AND FITTINGS SHALL BE OF THE SAME SIZE AS THE LINE IN WHICH THEY ARE
NFPA 54	NATIONAL FUEL GAS CODE	
NFPA 101 NFPA 101A	LIFE SAFETY CODE GUIDE ON ALTERNATIVE APPROACHES TO LIFE SAFETY	7.ALL WATER SANITARY WASTE, VENT AND SUPPLY PIPING SHALL BE INSTALLED AS CLOSE TO PLANS AS POSSIBLE WITH NO CHANGE IN SIZING.
NFPA 101B	CODE FOR MEANS OF EGRESS FOR BUILDINGS AND	8.SEE ARCHITECTURAL DRAWINGS FOR EXACT PLUMBING FIXTURE LOCATIONS, MOUNTING HEIGHTS, DIMENSIONS AND ADDITIONAL REQUIREMENTS NOT COVERED ON THESE
	STRUCTURES	DRAWINGS.
NFPA 900 ASTM	BUILDING ENERGY CODE AMERICAN SOCIETY FOR TESTING AND MATERIALS	9.PIPING SHALL NOT BE RUN ABOVE ELECTRICAL OR SERVER EQUIPMENT, COORDINATE WITH FIELD CONDITIONS.
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	10.DO NOT PENETRATE WALL FOOTINGS AS REQUIRED TO CLEAR PLUMBING SERVICES. WHERE ABSOLUTELY NECESSARY, ALL PIPES PENETRATING BEARING WALL OR FOOTING
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	MUST BE SLEEVED AND IN A LOCATION APPROVED BY THE STRUCTURAL ENGINEER.
ADA	AMERICAN WITH DISABILITIES ACT	11.CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY SUPPORTING DEVICES OR ALL FIXTURES INCLUDED IN THESE CONTRACT DOCUMENTS.
UL	UNDERWRITERS LABORATORIES	12.WALL BRACKETS, HANGERS, SUPPORTS, ETC. SHALL BE PROVIDED WHERE REQUIRED IN ACCORDANCE WITH THE BEST STANDARD PRACTICE OF THE TRADE AND AS PER CODE.
CONTRACTOR SHALL NOT RE	DS SHALL BE CONSIDERED A MINIMUM REQUIREMENT. THE ELIEVED FROM PROVIDING HIGHER GRADE MATERIALS, SHIP WHICH MAY BE SPECIFIED WITHIN THESE DOCUMENTS	ADDITIONAL SUPPORTS SHALL BE PROVIDED TO TRANSMIT LOADS TO THE MAIN 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 BE HOT DIPPED GALVANIZED OR FIBERGLASS REINFORCED "UNISTRUT" TYPE INCLUDING HARDWARE.
INTERIOR CLEANOU LOCATION FLOOR (FCO) (CAST IRON BODY, BRONZE	<u>TYPE</u> <u>JR SMITH M#:</u> 4028C	13.POWER WIRING, PANELS, TRANSFORMERS, AND DISCONNECT SWITCHES FOR PLUMBING EQUIPMENT SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. ALL CONTROL WIRING, RELAYS, AND PANELS SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING CONTRACTOR. ALL MOTOR STARTERS REQUIRED FOR ANY PLUMBING EQUIPMENT SHALL BE FURNISHED BY THE PLUMBING CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
PLUG, NICKEL BRONZE TOP) WALL (WCO) (CAST IRON BODY, BRONZE	4532S	14.INSTALL ACCESS PANELS (MINIMUM 18x18) WHERE EQUIPMENT REQUIRING ACCESS RESIDES ABOVE AN INACCESSIBLE CEILING TYPE.
PLUG STAINLESS STEEL COV EXPOSED (TCO) (CAST IRON BODY, BRONZE	/ER) HORIZONTAL 4400C VERTICAL 4512S	15.ALL CONCEALED VALVES, WATER HAMMER ARRESTORS, CLEANOUTS, ETC., CONCEALED IN WALLS SHALL BE PROVIDED WITH AN ACCESS PANEL, ZURN MODEL ZN-1460 OR APPROVED EQUAL.
PLUG, THREADED CAP)	RESTOR SCHEDULE	16.ALL CONCEALED PIPING IN CHASE AREAS SHALL BE SUPPORTED WITH A PIPING
FIXTURE UNITS 1-11 JR SMITH M#: 5005	12-32 33-60 61-113 114-154 155-330 5010 5020 5030 5040 5050	SUPPORT SYSTEM, SUMNER POSIFIX, STAKFIX AND CHANNEL OR APPROVED EQUAL. 17.PURGE, CLEAN, DISINFECT & TEST WATER PIPING SYSTEMS. SUBMIT REPORT & WATER SAMPLES TO A.H.J. USE PROCEDURE PRESCRIBED BY A.H.J., OR IF METHOD NOT
SUBMITTAL REQUIR	EMENTS	PRESCRIBED USE AWWA C651 OR AWWA C652. 18.CONTRACTOR SHALL INSTALL WATER HAMMER ARRESTORS AT ALL QUICK CLOSING
	MP ON SUBMITTAL DOCUMENTS CERTIFIES THAT THE D WITH THE CONTRACT DOCUMENT REQUIREMENTS.	VALVES. REFER TO FPC 604.9.
2.THE CONTRACTOR SHALL	NOT BE RELIEVED OF RESPONSIBILITY FOR DEVIATIONS FROM	
REQUIREMENTS OF THE CON APPROVAL OF SHOP DRAWIN	ITRACT DOCUMENTS BY THE ARCHITECT/ENGINEER'S NGS, PRODUCT DATA, SAMPLES, OR SIMILAR SUBMITTAL ITEMS	
REQUIREMENTS OF THE CON APPROVAL OF SHOP DRAWIN UNLESS THE CONTRACTOR H WRITING OF SUCH DEVIATION	ITRACT DOCUMENTS BY THE ARCHITECT/ENGINEER'S IGS, PRODUCT DATA, SAMPLES, OR SIMILAR SUBMITTAL ITEMS HAS SPECIFICALLY INFORMED THE ARCHITECT/ENGINEER IN N AT THE TIME OF SUBMITTAL AND THE ARCHITECT/ENGINEER	SANITARY WASTE AND VENT
REQUIREMENTS OF THE CON APPROVAL OF SHOP DRAWIN UNLESS THE CONTRACTOR H WRITING OF SUCH DEVIATION HAS GIVEN WRITTEN APPROV NOT BE RELIEVED OF RESPO	ITRACT DOCUMENTS BY THE ARCHITECT/ENGINEER'S NGS, PRODUCT DATA, SAMPLES, OR SIMILAR SUBMITTAL ITEMS HAS SPECIFICALLY INFORMED THE ARCHITECT/ENGINEER IN	1.GRAVITY FLOW SYSTEMS HAVE SPACE PRIORITY FOR SLOPING PIPES.
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REQUIREMENTS OF THE CON APPROVAL OF SHOP DRAWIN UNLESS THE CONTRACTOR H WRITING OF SUCH DEVIATION HAS GIVEN WRITTEN APPROV NOT BE RELIEVED OF RESPON PRODUCT DATA, SAMPLES, OF APPROVAL THEREOF. 3.CONTRACTOR SHALL SUPP WHERE APPLICABLE (ALL MA 3.1.PLUMBING FIXTURES 3.2.PIPE AND FITTINGS 3.3.INSULATION MATERIAL 3.4.PLUMBING ACCESSOR 3.5.VALVES 3.6.HOT WATER HEATER ENERGY SYSTEMS - 1.SERVICE WATER HEATER 1.SERVICE WATER HEATER 2.WATER-HEATING EQUIPME REQUIREMENTS OUTLINED IN BE VERIFIED THROUGH DATA CERTIFICATION UNDER AN AU 3.ALL HOT WATER SUPPLY PI MINIMUM 1IN OF INSULATION 4.CIRCULATING HOT WATER TURNED OFF EITHER AUTOM DEMAND. READY ACCESS SH 5.FOR NON-CIRCULATING ST	ATRACT DOCUMENTS BY THE ARCHITECT/ENGINEER'S IGS, PRODUCT DATA, SAMPLES, OR SIMILAR SUBMITTAL ITEMS HAS SPECIFICALLY INFORMED THE ARCHITECT/ENGINEER IN N AT THE TIME OF SUBMITTAL AND THE ARCHITECT/ENGINEER VAL TO THE SPECIFIC DEVIATION. THE CONTRACTOR SHALL UNSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS, OR SIMILAR SUBMITTAL ITEMS BY THE ARCHITECT/ENGINEER'S PLY TO THE ARCHITECT SUBMITTALS ON THE FOLLOWING Y NOT APPLY): S IES AND SPECIALITIES WATER HEATING EQUIPMENT SHALL ALLOW LAVATORY OUTLET ACILITY RESTROOMS SHALL BE LIMITED TO 110°F. CONTROL BY NT AND HOT WATER STORAGE TANKS SHALL MEET THE N FBC CHAPTER 4, TABLE C404.2 AND THE EFFICIENCY SHALL A FURNISHED BY THE MANUFACTURER THROUGH PPROVED CERTIFICATION PROGRAM. IPING IN THE HOT WATER SYSTEM SHALL BE INSULATED WITH HAVING A CONDUCTIVITY OF 0.27 (BTU / IN / H X FT^2 X °F). SYSTEM PUMPS OR HEAT TRACE SHALL BE ARRANGED TO BE ATICALLY OR MANUALLY WHEN THERE IS LIMITED HOT WATER IAVING A CONDUCTIVITY OF 0.27 (BTU / IN / H X FT^2 X °F). SYSTEM PUMPS OR HEAT TRACE SHALL BE ARRANGED TO BE ATICALLY OR MANUALLY WHEN THERE IS LIMITED HOT WATER IAVING A CONDUCTIVITY OF 0.27 (BTU / IN / H X FT^2 D OF). SYSTEM PUMPS OR HEAT TRACE SHALL BE ARRANGED TO BE ATICALLY OR MANUALLY WHEN THERE IS LIMITED HOT WATER IAUL BE PROVIDED TO THE OPERATING CONTROLS. ORAGE WATER TANKS HEAT TRAPS MUST BE INSTALLED ON	 I. GRAVITY FLOW SYSTEMS HAVE SPACE PRIORITY FOR SLOPING PIPES. SLOPING PIPES SHALL BE STARTED AT THE HIGHEST POINT POSSIBLE. SLU, WASTE, AND VENT PIPING SHALL BE TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND LOCAL PERMITTING AUTHORITIES REQUIREMENTS. THE GENERAL CONTRACTOR SHALL VERIFY ALL FLOOR DRAIN AND WATER SUPPLY LOCATIONS BEFORE POURING SLABS. SANTTAY AND VENT PIPING SHALL BE COLLECTED AND TERMINATED AT A POINT SHOWN ON THE DRAWINGS. FLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR CONDENSATE PIPES AFTER AIR UNIT TRAP, MECHANICAL CONTRACTOR RESPONSIBLE FOR FIRST 12' OF CONDENSATE AND TRAP. INVERT SHOWN ON PLANS IS AN ESTIMATE OF MINIMUM INVERT CALCULATED USING ENGINEERING ESTIMATES OF SLOPE, FITTING DIMENSIONS AND OTHER FACTORS THAT MAY NOT MATCH THE SATE CONNECTIONS BUT IT IS THE RESPONSIBILIT FORTH TO CONDENSATE AND TRAP. INVERT SHOWN ON PLANS IS AN ESTIMATE OF MINIMUM INVERT CALCULATED USING ENGINEERING ESTIMATES OF SLOPE, FITTING DIMENSIONS AND OTHER FACTORS THAT BUILDING SERVICE PIPING. ANY ISSUES SHALL BE ROUGHT TO THE RESPONSIBILITY OF THE CONTRACTOR TO VERITY ACTUAL SITE CONNECTIONS BUT IT IS THE RESPONSIBILITY OF THE BUILDING SERVICE PIPING. ANY ISSUES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING SERVICE PIPING. ANY ISSUES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING SERVICE DIPING. ANY ISSUES SHALL BE BROUGHT TO THE FLOOR SLAB, UNLESS OTHER WISS INOTED. UTENT PIPING SHALL BE INSTALLED UNDER THE FLOOR SLAB, UNLESS BALL SANITARY WASTE LINES SHALL BE INSTALLED UNDER THE FLOOR SLAB, UNLESS OTHER WISS. NOTED. UTENT PIPING SHALL BE INSTALLED ADOVE CEILING AND INSTALL AN AIR GAP SERVING INDIVIDUAL FIXTURES, DEVICES, OR APPLIANCES. BLO. DER FECTOR THER MARP SHALL BE DEEP SEAL (MIN. 4''). FURNISH AND INSTALL AN AIR GAP SERVING INDIVIDUAL FIXTURES SHALL BE INSTALLED ADOVE CEILING AND IN WALLS UNLESS NOTED OTHERWISE.

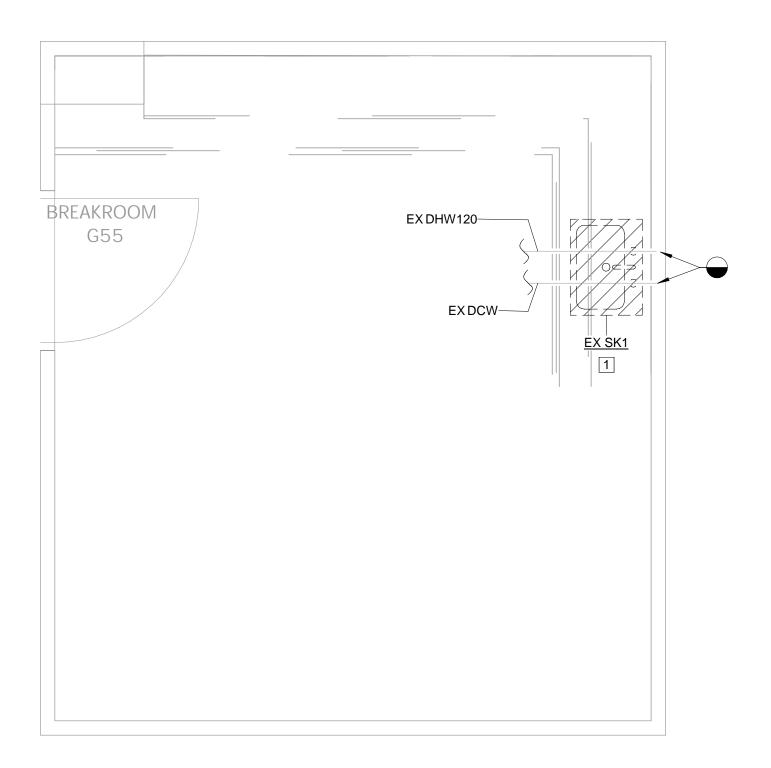


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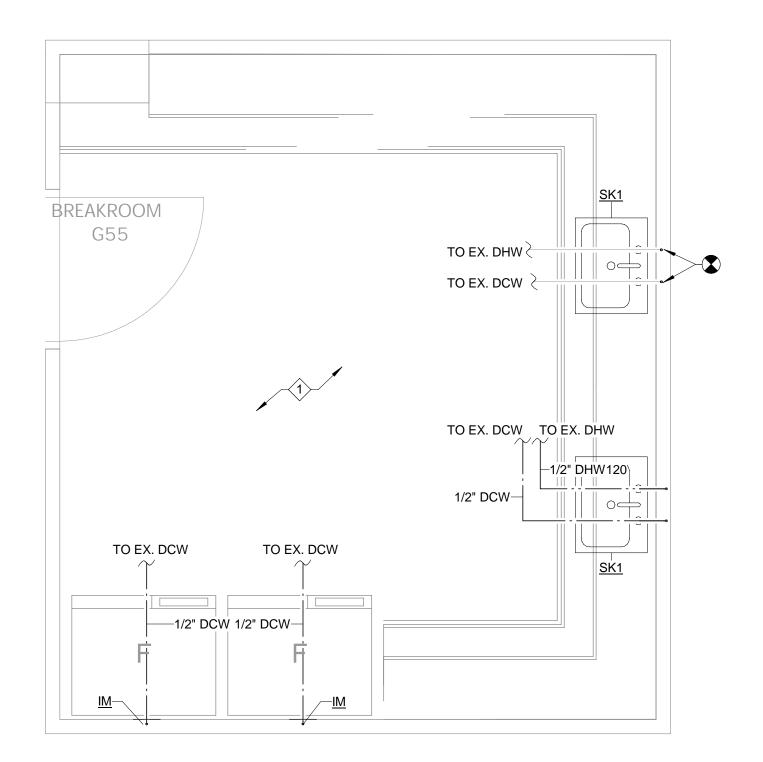
PLUMBING NOTES &

LEGEND



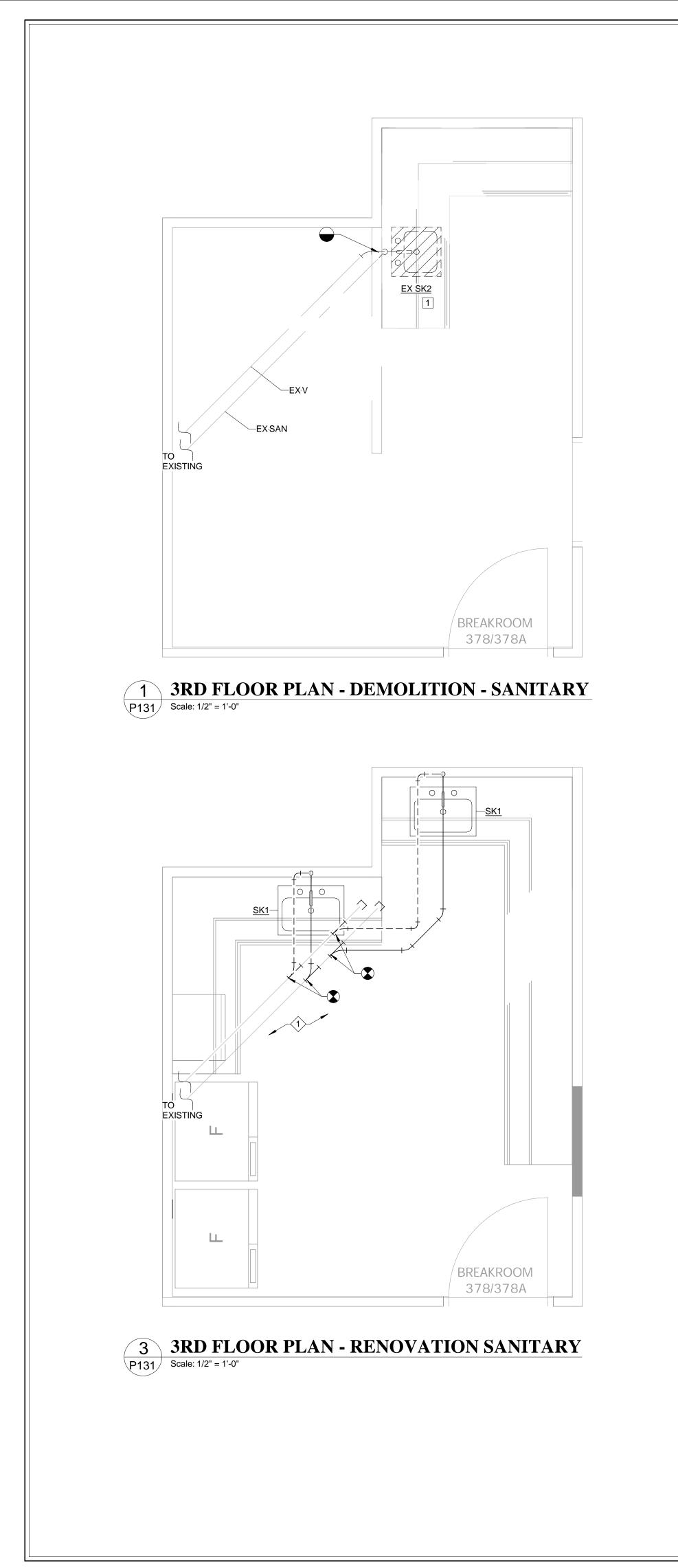


2 GROUND FLOOR PLAN - DEMOLITION - PRESSURE P101 Scale: 1/2" = 1'-0"

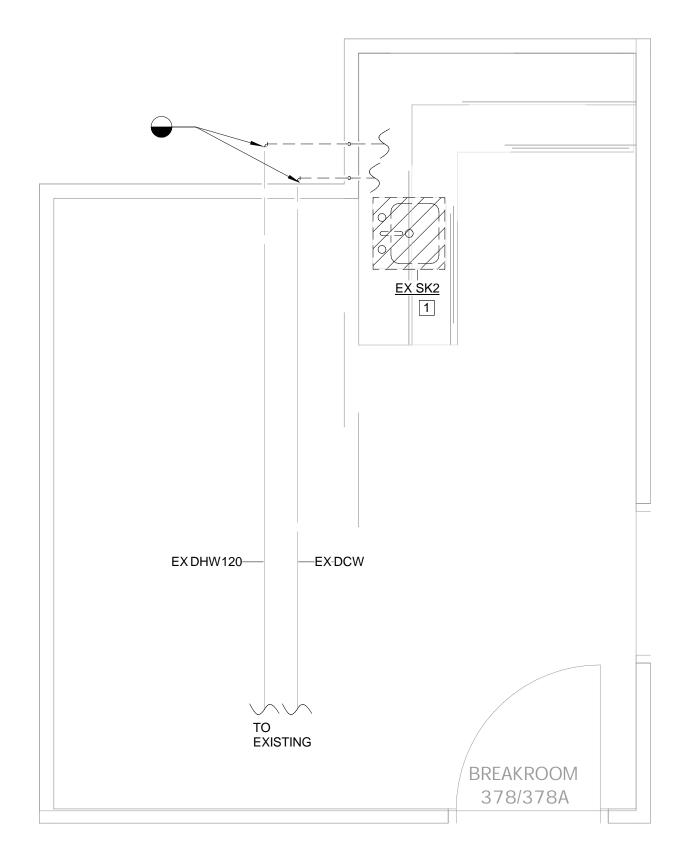


4 GROUND FLOOR PLAN - RENOVATION - PRESSURE P101 Scale: 1/2" = 1'-0"

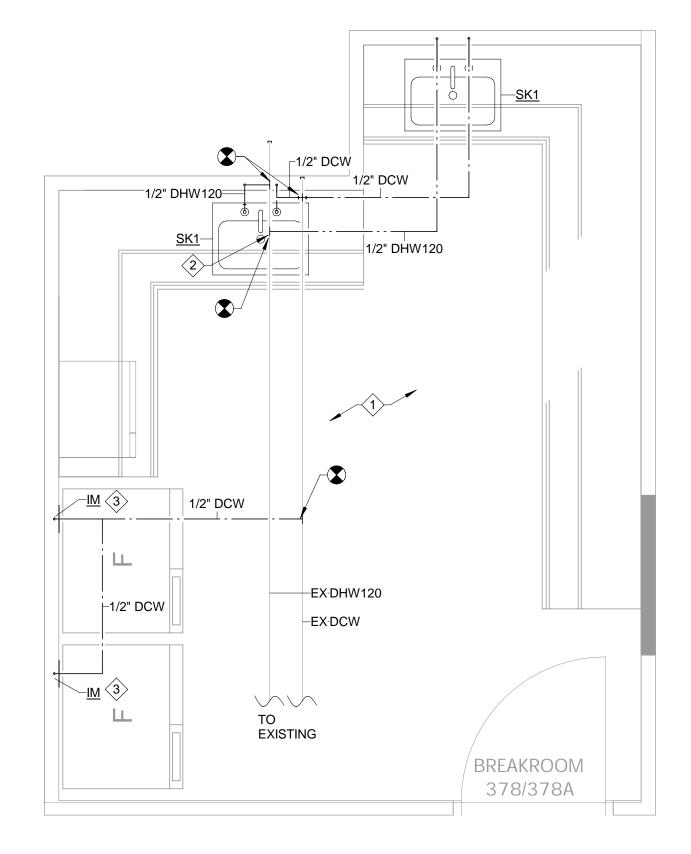
-	X DEMOLITION KEYED NOTES PLUMBING FIXTURE AND ASSOCIATED PLUMBING UP TO CEILING SHALL BE DEMOLISHED. CAP AND SEAL PIPING AIR	CONSULTANTS
-	AND WATER TIGHT UNTIL RENOVATION. X RENOVATION KEYED NOTES	FSM
-	CONTRACTOR SHALL COORDINATE TO INSTALL AND CONNECT RENOVATION PLUMBING INTO EXISTING PIPING. CONTRACTOR SHALL FIELD VERIFY PRIOR TO INSTALL.	
_	MAKE ANY ADJUSTMENTS NECESSARY FOR PROPER CONNECTION. PRESSURE GENERAL NOTES	FSM Engineering
_	1. WATER PIPING MATERIAL & FITTINGS FROM PLUMBING FIXTURES ON ALL FLOORS SHALL BE EITHER A) COPPER (AS SPEC'D IN PLUMBING MATERIAL SCHEDULE), OR B) CPVC PRODUCT.	Tallahassee, FL, 32303 p.850.222.5683 FL CA 28968
	2. ALL HOT WATER & HOT WATER RETURN SYSTEM SHALL BE INSULATED AS INDICATED IN PLUMBING MATERIAL SCHEDULE.	
	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	205ERT E GELHARDON
	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. 4. ALL FAUCETS SHALL HAVE FACTORY BUILT-IN TEMPERATURE LIMIT TO PREVENT SCALDING.	TOT OF IDA INST
_	SANITARY GENERAL NOTES	Robert E. Gelhardt II, P.E. FL 77568
	1. CONTRACTOR SHALL FIELD VERIFY EXISTING SANITARY PRIOR TO COMMENCEMENT OF WORK.	
	2. CONTRACTOR SHALL REFER TO OWNER/ ARCHITECT FOR RE-USE OF FIXTURES IN RENOVATION PHASE, CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER DISPOSAL OF DEMOLISHED PIPES AND FIXTURES.	
	3. CONTRACTOR SHALL RECONNECT NEW PIPING TO EXISTING PIPES AT SLAB AND ABOVE CEILING. MATCH EXISTING MATERIAL AND SYSTEM STANDARDS.	Y
		ARCHITECTURE
		INTERIOR DESIGN BUILDING ENVELOPE
		211 JOHN KNOX RD, SUITE 105 TALLAHASSEE, FL 32303 PH: (850) 385 9200
		AR96289 MLDARCHITECTS.COM
		RVI6
		EPPER BUILDING RENOVATIC EPARTMENT OF MANAGEMENT SERVIC ALLAHASSEE, FLORIDA
		EPPER BUILDING EPARTMENT OF MANA ALLAHASSEE, FLORIDA
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OF ELEC F WITH PANE '1R1B' AND '1R1	LS	
		PERMIT SET
		PROJ. NO. <u>170624</u>
APPROX LOCATION RM G55		DATE 05/29/24 DRAWN LJ, KW
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LOCATIO OF ELEC F WITH PANE '1CRA' AND '1CR		REVISION
		ground floor Plan - Plumbing
P101	GROUND FLOOR - KEY PLAN SCALE: NTS	P101
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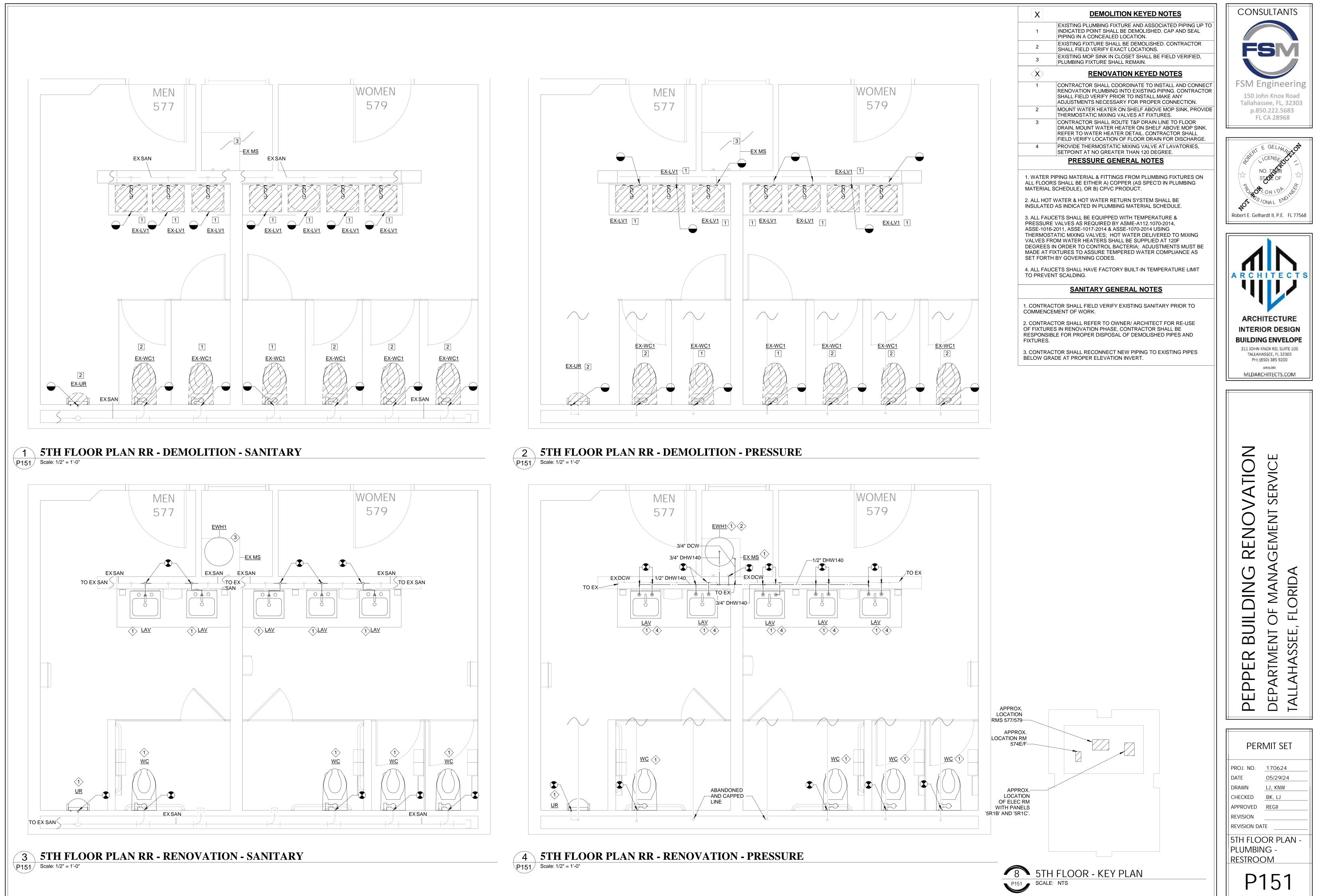


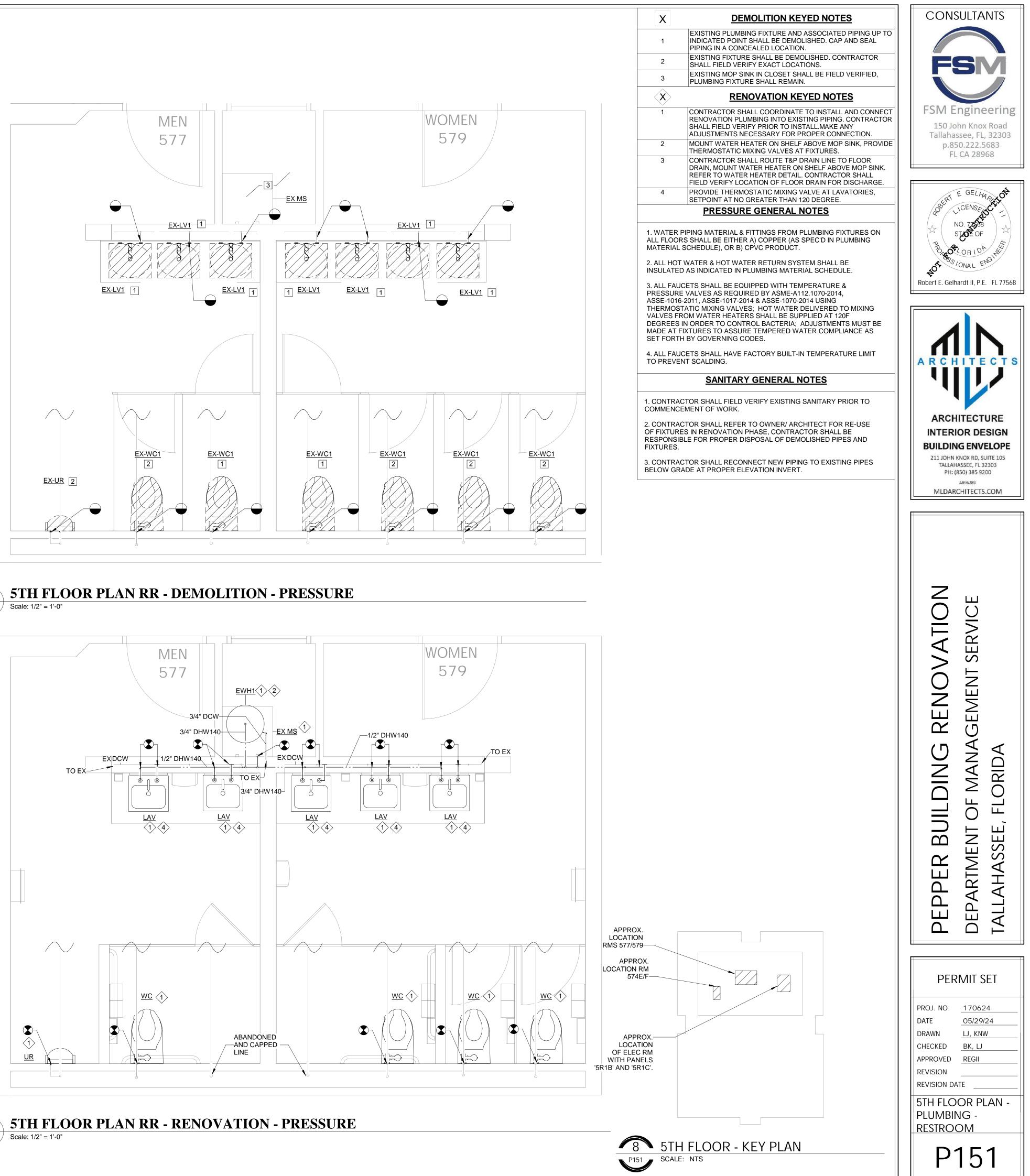
3RD FLOOR PLAN - DEMOLITION - PRESSURE P131 Scale: 1/2" = 1'-0"



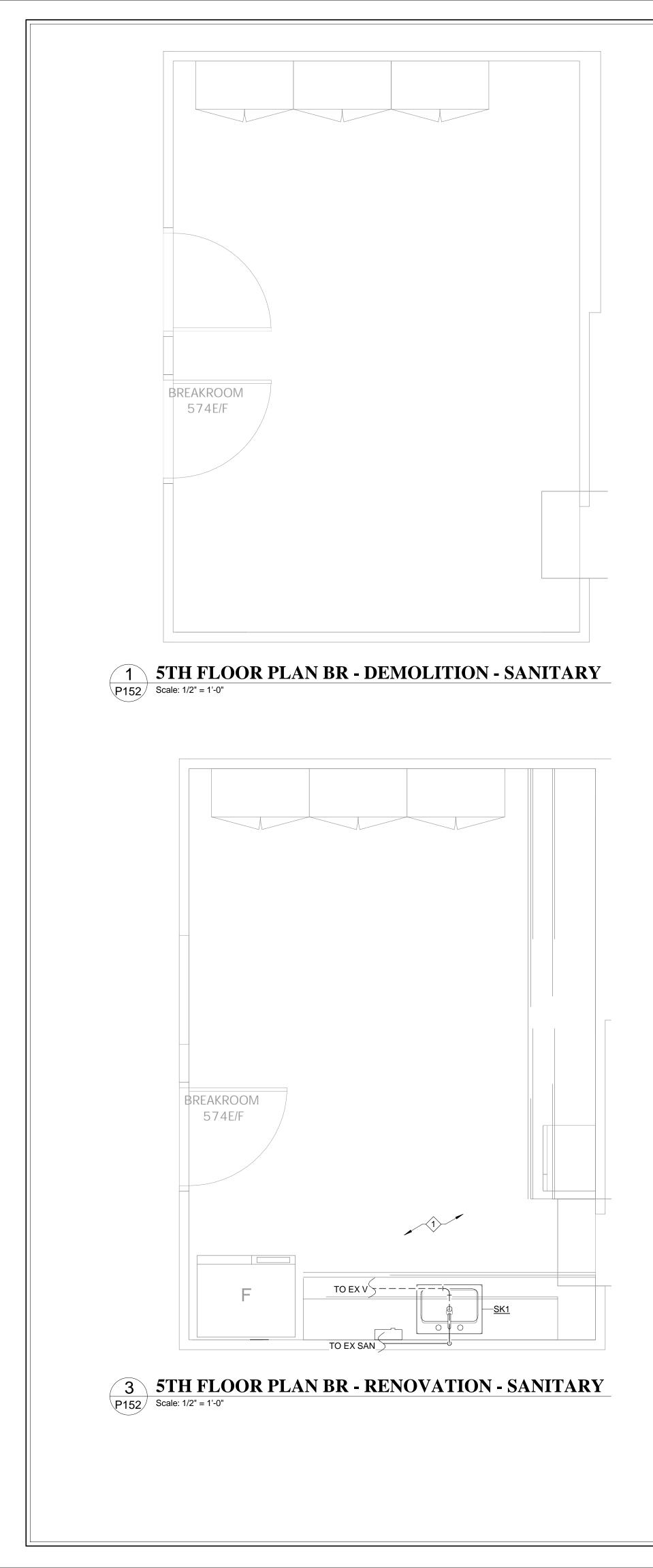
3RD FLOOR PLAN - RENOVATION - PRESSURE P131 Scale: 1/2" = 1'-0"

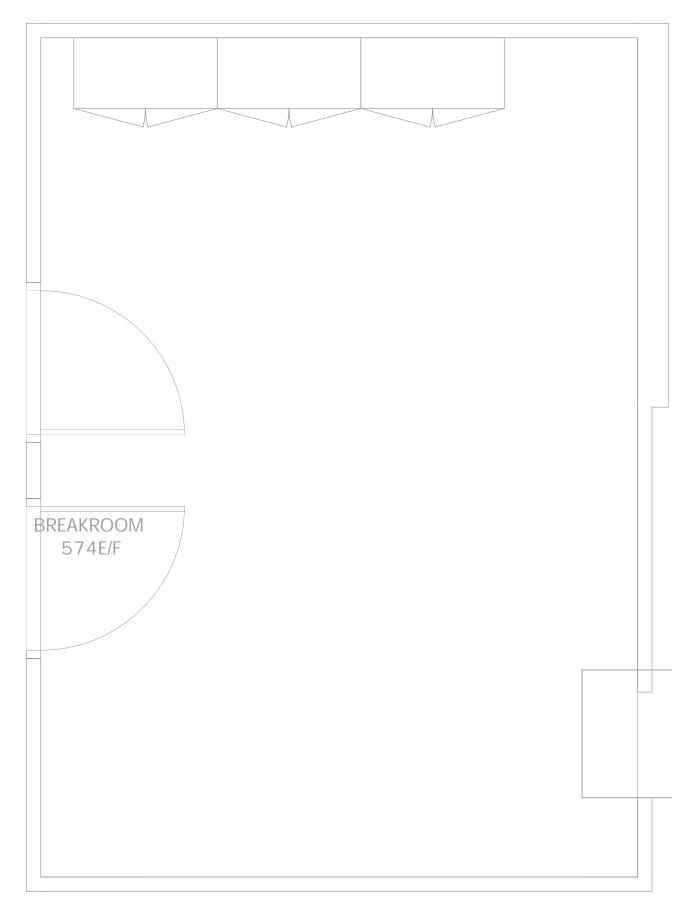
X	DEMOLITION KEYED NOTES	CONSULTANTS
1	EXISTING PLUMBING FIXTURE AND ASSOCIATED PIPING UP TO INDICATED POINT SHALL BE DEMOLISHED. CAP AND SEAL PIPING DURING DEMOLITION.	
	RENOVATION KEYED NOTES	FSM
	RENOVATION PLUMBING INTO EXISTING PIPING. CONTRACTOR SHALL FIELD VERIFY PRIOR TO INSTALL. MAKE ANY ADJUSTMENTS NECESSARY FOR PROPER CONNECTION.	
2	CONTRACTOR SHALL VERIFY DHW ROUTE, CONNECT DHW FROM NEW FIXTURE TO EXISTING LOCATION. PROVIDE SHUT OFF VALVE IN ICE MAKER BOX RISER.	150 John Knox Road
	PRESSURE GENERAL NOTES	Tallahassee, FL, 32303 p.850.222.5683 FL CA 28968
ALL FLOORS	PING MATERIAL & FITTINGS FROM PLUMBING FIXTURES ON S SHALL BE EITHER A) COPPER (AS SPEC'D IN PLUMBING CHEDULE), OR B) CPVC PRODUCT.	FL CA 28508
	VATER & HOT WATER RETURN SYSTEM SHALL BE AS INDICATED IN PLUMBING MATERIAL SCHEDULE.	200 LICENSE CT
PRESSURE ASSE-1016-2 THERMOSTA VALVES FRO DEGREES IN MADE AT FIX	ETS SHALL BE EQUIPPED WITH TEMPERATURE & VALVES AS REQUIRED BY ASME-A112.1070-2014, 2011, ASSE-1017-2014 & ASSE-1070-2014 USING ATIC MIXING VALVES; HOT WATER DELIVERED TO MIXING OM WATER HEATERS SHALL BE SUPPLIED AT 120F I ORDER TO CONTROL BACTERIA; ADJUSTMENTS MUST BE ATURES TO ASSURE TEMPERED WATER COMPLIANCE AS BY GOVERNING CODES.	NO. 72588 STOPE OF PROTORIDA NO. 72588 STOPE OF PROTORIDA NOT OR IDA
4. ALL FAUCI TO PREVEN	ETS SHALL HAVE FACTORY BUILT-IN TEMPERATURE LIMIT T SCALDING.	Robert E. Gelhardt II, P.E. FL 77568
	SANITARY GENERAL NOTES	
COMMENCE	TOR SHALL FIELD VERIFY EXISTING SANITARY PRIOR TO MENT OF WORK.	
OF FIXTURES	TOR SHALL REFER TO OWNER/ ARCHITECT FOR RE-USE S IN RENOVATION PHASE, CONTRACTOR SHALL BE E FOR PROPER DISPOSAL OF DEMOLISHED PIPES AND	ARCHITECTS
3. CONTRACT	TOR SHALL RECONNECT NEW PIPING TO EXISTING PIPES DE AT PROPER ELEVATION INVERT.	
		ARCHITECTURE
		INTERIOR DESIGN BUILDING ENVELOPE
		211 JOHN KNOX RD, SUITE 105 TALLAHASSEE, FL 32303 PH: (850) 385 9200
		AR96289 MLDARCHITECTS.COM
		EPPER BUILDING RENOVATIC EPARTMENT OF MANAGEMENT SERVIC ALLAHASSEE, FLORIDA
		BL BL
		EPPER BUILDING EPARTMENT OF MANA ALLAHASSEE, FLORIDA
		AR AR
APPROX.		ALL
LOCATION RM 378/378A		
APPROX.		PERMIT SET
LOCATION OF ELEC RM WITH PANELS '3R1B' AND '3R1C'.		PROJ. NO. 170624 DATE 05/29/24
		DRAWN LJ, KW CHECKED BK, LJ
		APPROVED REGII REVISION
		REVISION DATE
		3rd floor plan - Plumbing
7 3RD FLO P131 SCALE: NTS	OR - KEY PLAN	P131



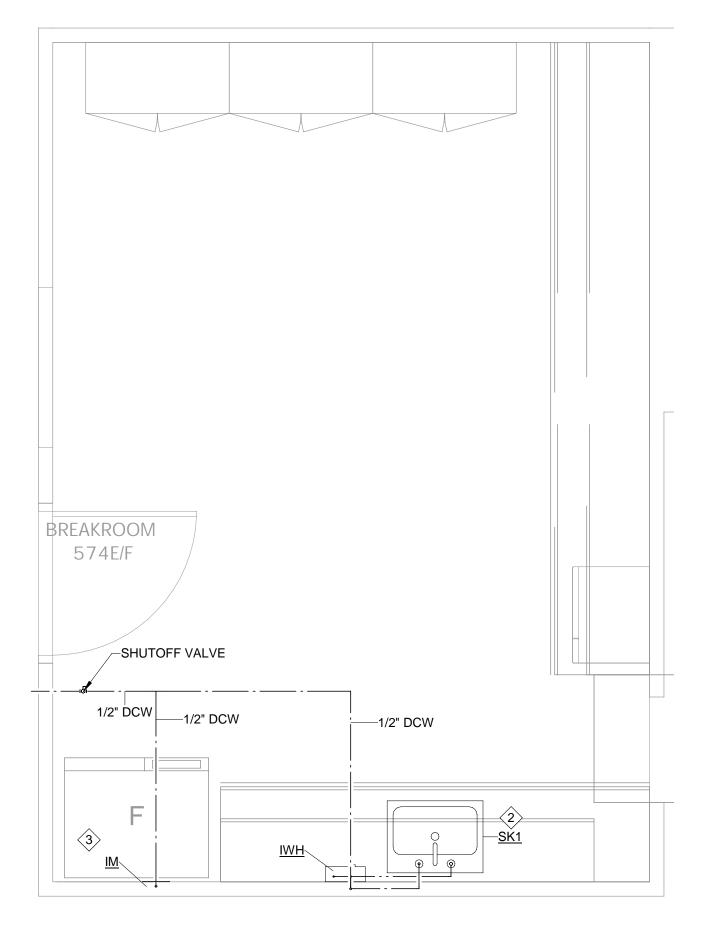










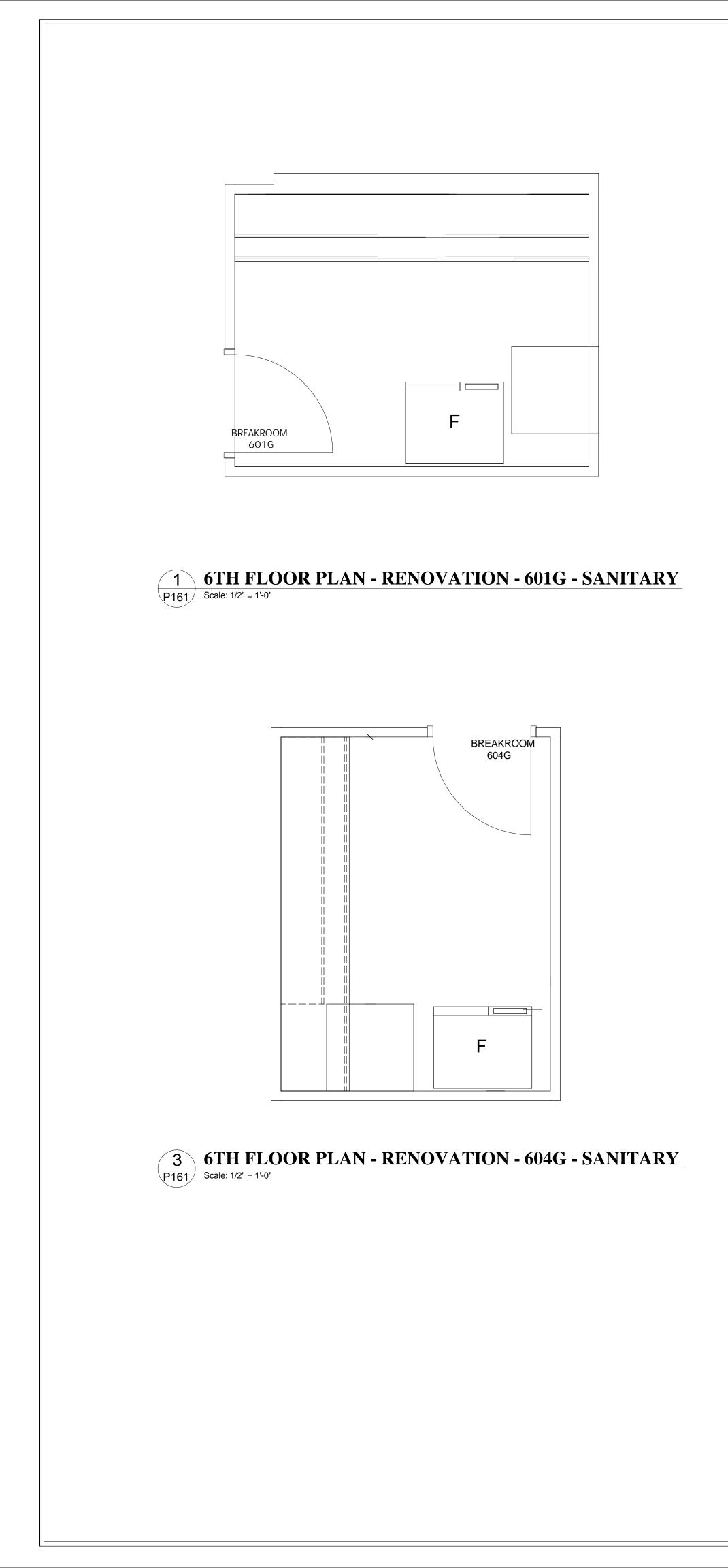


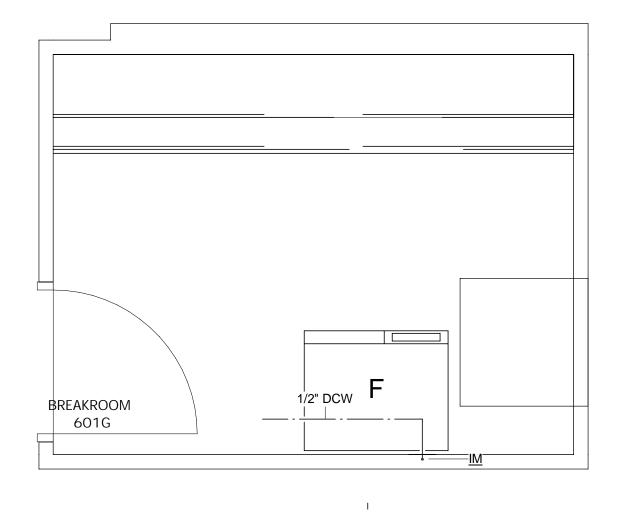


4 **5TH FLOOR PLAN BR - RENOVATION - PRESSURE** P152 Scale: 1/2" = 1'-0"

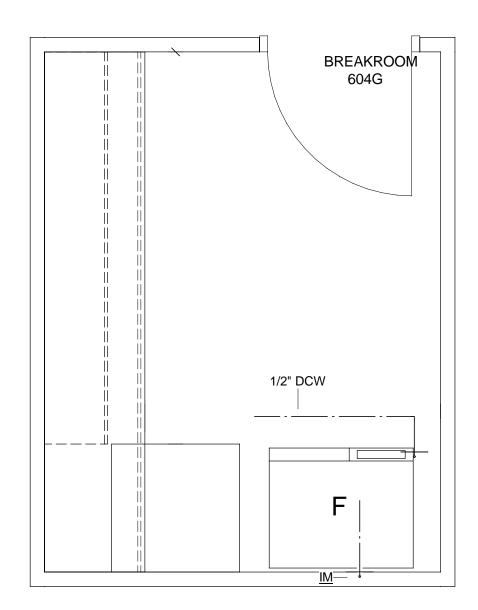
X RENOVATION KEYED NOTES 1 CONTRACTOR SHALL COORDINATE TO INSTALL AND CONNECT RENOVATION PLUMBING INTO EXISTING PIPING. CONTRACTOR SHALL FIELD VERIFY PRIOR TO INSTALL. MAKE ANY ADJUSTMENTS NECESSARY FOR PROPER CONNECTION. 2 CONTRACTOR SHALL FIELD VERIFY CLOSEST DCW PLUMBING TO BREAKROOM, CONNECT NEW DCW TO EXISITING WITH SHUT OFF VALVE INTO SPACE. 3 PROVIDE SHUT OFF VALVE IN ICE MAKER BOX RISER. PRESSURE GENERAL NOTES 1. WATER PIPING MATERIAL & FITTINGS FROM PLUMBING FIXTURES ON ALL FLOORS SHALL BE EITHER A) COPPER (AS SPEC'D IN PLUMBING MATERIAL SCHEDULE), OR B) CPVC PRODUCT. 2. ALL HOT WATER & HOT WATER RETURN SYSTEM SHALL BE INSULATED AS INDICATED IN PLUMBING MATERIAL SCHEDULE. 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. 4. ALL FAUCETS SHALL HAVE FACTORY BUILT-IN TEMPERATURE LIMIT TO PREVENT SCALDING.	CONSULTANTS
SANITARY GENERAL NOTES	Robert E. Gelhardt II, P.E. FL 77568
1. CONTRACTOR SHALL FIELD VERIFY EXISTING SANITARY PRIOR TO COMMENCEMENT OF WORK.	
2. CONTRACTOR SHALL REFER TO OWNER/ ARCHITECT FOR RE-USE OF FIXTURES IN RENOVATION PHASE, CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER DISPOSAL OF DEMOLISHED PIPES AND FIXTURES.	
3. CONTRACTOR SHALL RECONNECT NEW PIPING TO EXISTING PIPES BELOW GRADE AT PROPER ELEVATION INVERT.	A R C HITE CT S ARCHITECTURE INTERIOR DESIGN BUILDING ENVELOPE 211 JOHN KNOX RD, SUITE 105 TALLAHASSEE, FL 32303 PH: (850) 385 9200 AR96289 MLDARCHITECTS.COM
	PEPPER BUILDING RENOVATION DEPARTMENT OF MANAGEMENT SERVICE TALLAHASSEE, FLORIDA
	PERMIT SET PROJ. NO. 170624 DATE 05/29/24 DRAWN LJ, KNW CHECKED BK, LJ APPROVED REGII REVISION
STH FLOOR - KEY PLAN SCALE: NTS are not considered signed and sealed and the signature must be verified on any electronic copies.	P152

APPROX. LOCATION RMS 577/579-APPROX LOCATION RM 574E/F 8 P152







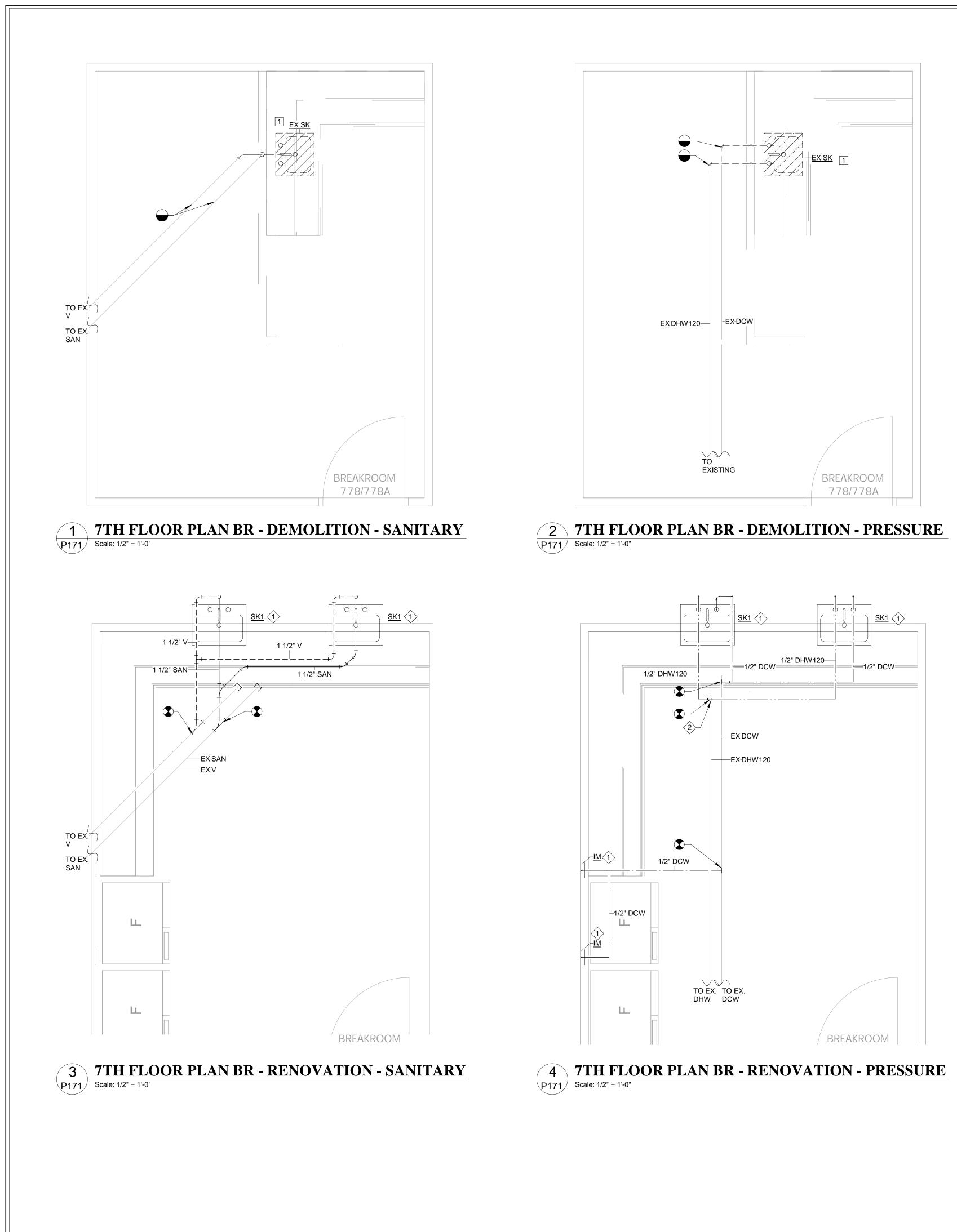


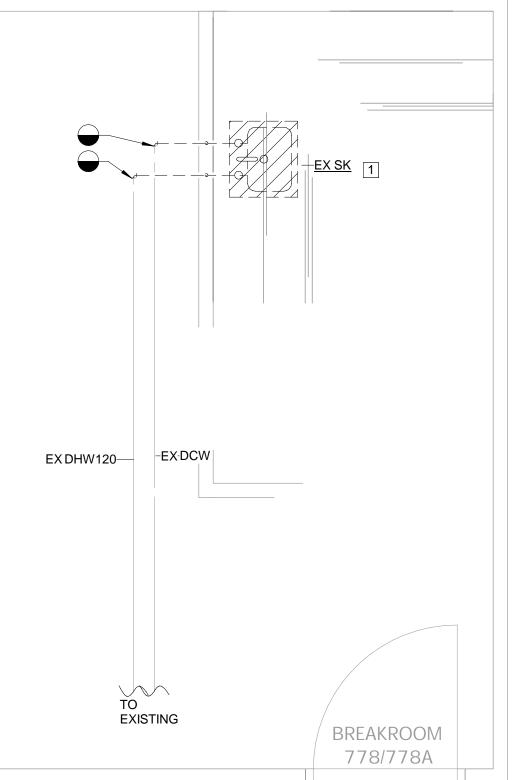


PRESSURE GENERAL NOTES	CONSULTANTS
1. WATER PIPING MATERIAL & FITTINGS FROM PLUMBING FIXTURES ON ALL FLOORS SHALL BE EITHER A) COPPER (AS SPEC'D IN PLUMBING MATERIAL SCHEDULE), OR B) CPVC PRODUCT.	
2. ALL HOT WATER & HOT WATER RETURN SYSTEM SHALL BE INSULATED AS INDICATED IN PLUMBING MATERIAL SCHEDULE.	FSM
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	FSM Engineering 150 John Knox Road
MADE AT FIXTURES TO ASSURE TEMPERED WATER COMPLIANCE AS SET FORTH BY GOVERNING CODES.	Tallahassee, FL, 32303 p.850.222.5683 FL CA 28968
4. ALL FAUCETS SHALL HAVE FACTORY BUILT-IN TEMPERATURE LIMIT TO PREVENT SCALDING.	TE CA 20000
X RENOVATION KEYED NOTES	Robert E. Gelhardt II, P.E. FL 77568
	A R C HITECTURE ARCHITECTURE INTERIOR DESIGN BUILDING ENVELOPE L11 JOHN KNOX RD, SUITE 105 TALLAHASSEE, FL 32303 PH: (850) 385 9200 AR96289 MLDARCHITECTS.COM
	PEPPER BUILDING RENOVATION DEPARTMENT OF MANAGEMENT SERVICE TALLAHASSEE, FLORIDA
	PERMIT SET
	PROJ. NO. 170624 DATE 05/29/24 DRAWN LJ, KNW CHECKED BK, LJ APPROVED REGII REVISION
	6th floor plan - Plumbing
6 6TH FLOOR - KEY PLAN P161 Scale: 1" = 30'-0"	P161

APPROX. LOCATION RM 604G-

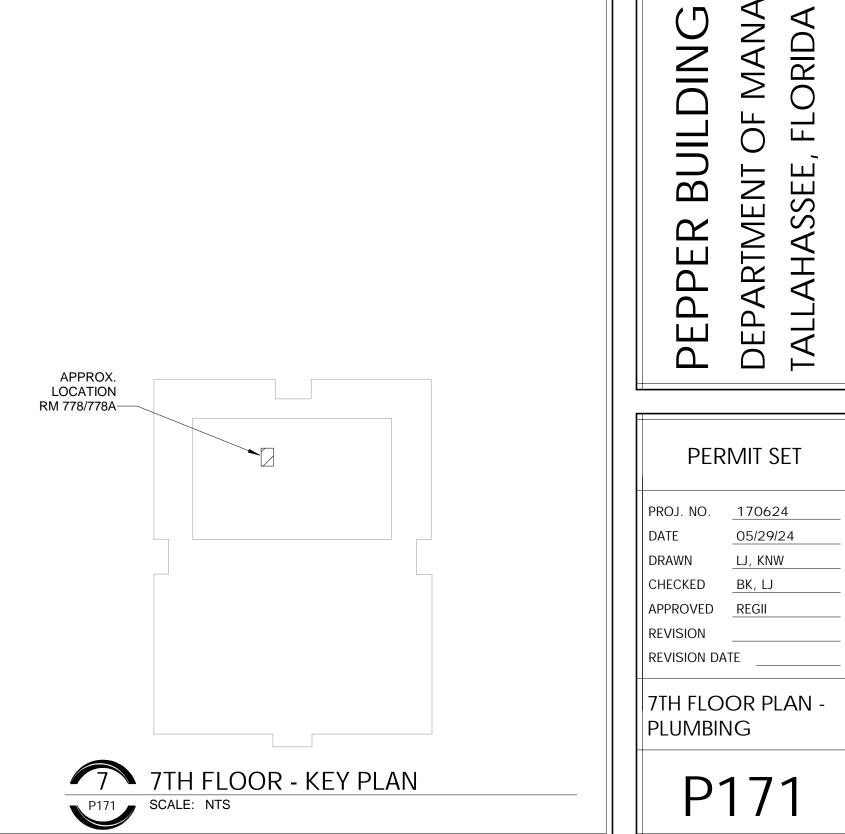
APPROX. LOCATION RM 601G—

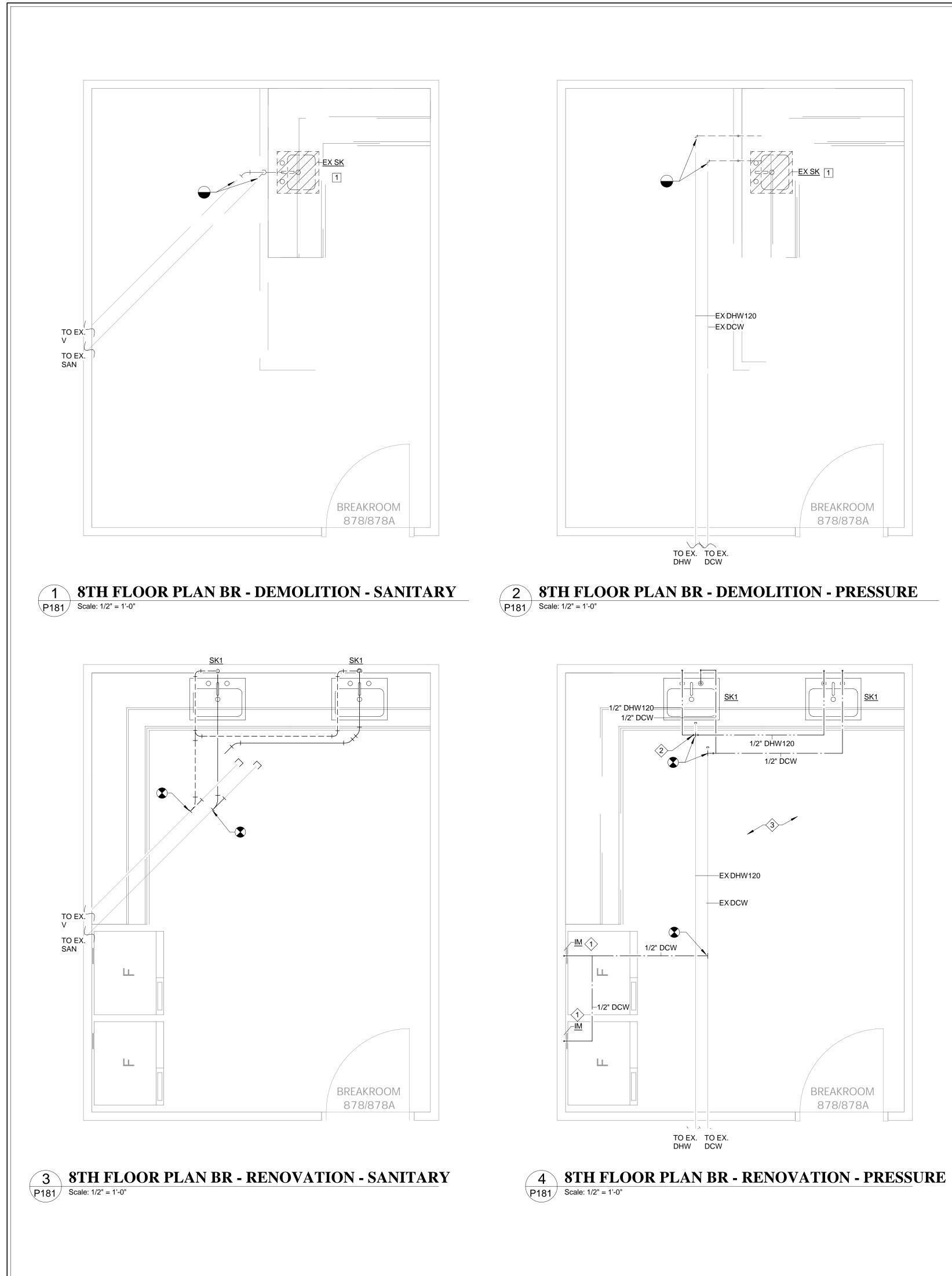




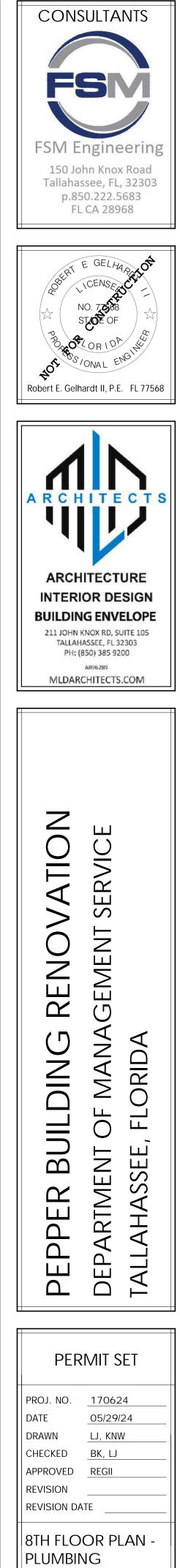
X	DEMOLITION KEYED NOTES	CONSULTANTS
1	CONTRACTOR SHALL FIELD VERIFY EXISTING PIPING IN DEMOLITION, DEMOLISH PLUMBING FIXTURE AND ASSOCIATED PIPING UP TO INDICATED POINT.	
$\langle \mathbf{X} \rangle$	RENOVATION KEYED NOTES	FSM
1	CONTRACTOR SHALL FIELD VERIFY CLOSEST DCW PLUMBING TO BREAKROOM, CONNECT NEW DCW TO EXISITNG WITH SHUT OFF VALVE INTO SPACE. MAKE ANY	
1	ADJUSTMENTS NECESSARY FOR PROPER CONNECTION. PROVIDE SHUT OFF VALVE IN ICE MAKER BOX RISER.	FSM Engineering
2	CONTRACTOR SHALL VERIFY DHW ROUTE, CONNECT DHW FROM NEW FIXTURE TO EXISTING LOCATION.	150 John Knox Road
	PRESSURE GENERAL NOTES	Tallahassee, FL, 32303 p.850.222.5683
ALL FLOOF	PIPING MATERIAL & FITTINGS FROM PLUMBING FIXTURES ON RS SHALL BE EITHER A) COPPER (AS SPEC'D IN PLUMBING SCHEDULE), OR B) CPVC PRODUCT.	FL CA 28968
	WATER & HOT WATER RETURN SYSTEM SHALL BE D AS INDICATED IN PLUMBING MATERIAL SCHEDULE.	ROSERT E GELHAR ON
PRESSURE ASSE-1016 THERMOS VALVES FF DEGREES MADE AT F	CETS SHALL BE EQUIPPED WITH TEMPERATURE & E VALVES AS REQUIRED BY ASME-A112.1070-2014, -2011, ASSE-1017-2014 & ASSE-1070-2014 USING TATIC MIXING VALVES; HOT WATER DELIVERED TO MIXING ROM WATER HEATERS SHALL BE SUPPLIED AT 120F IN ORDER TO CONTROL BACTERIA; ADJUSTMENTS MUST BE FIXTURES TO ASSURE TEMPERED WATER COMPLIANCE AS H BY GOVERNING CODES.	NO. 7588 STOPE OF PROF OF O
	CETS SHALL HAVE FACTORY BUILT-IN TEMPERATURE LIMIT NT SCALDING.	Robert E. Gelhardt II, P.E. FL 77568
	SANITARY GENERAL NOTES	
	CTOR SHALL FIELD VERIFY EXISTING SANITARY PRIOR TO EMENT OF WORK.	
OF FIXTURI RESPONSIE FIXTURES. 3. CONTRA	CTOR SHALL REFER TO OWNER/ ARCHITECT FOR RE-USE ES IN RENOVATION PHASE, CONTRACTOR SHALL BE BLE FOR PROPER DISPOSAL OF DEMOLISHED PIPES AND CTOR SHALL RECONNECT NEW PIPING TO EXISTING PIPES ADE AT PROPER ELEVATION INVERT.	ARCHITECTS
		ARCHITECTURE
		BUILDING ENVELOPE 211 JOHN KNOX RD, SUITE 105
		TALLAHASSEE, FL 32303 PH: (850) 385 9200
		AR96.289 MLDARCHITECTS.COM
		MEDARCHITECTS.COM
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BUILDING

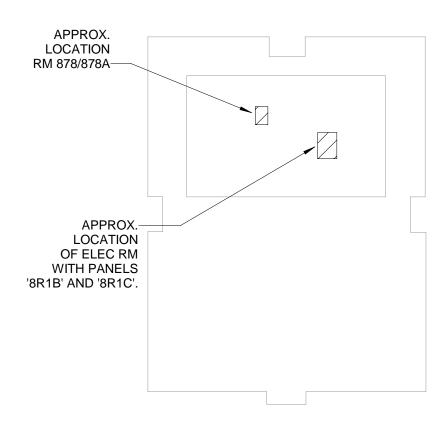




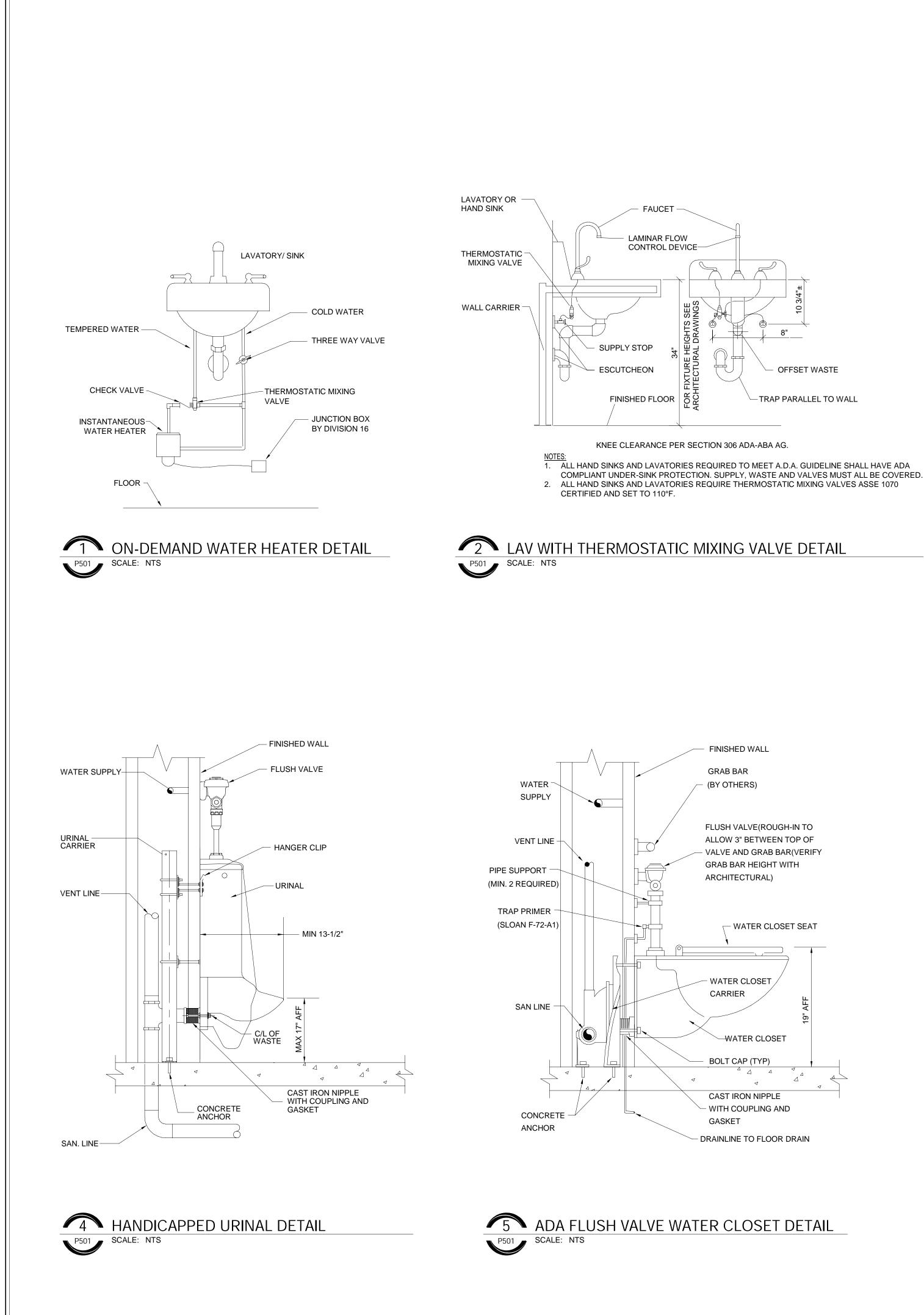
X	DEMOLITION KEYED NOTES	CONSL
1	CONTRACTOR SHALL FIELD VERIFY EXISTING PIPING IN DEMOLITION, DEMOLISH PLUMBING FIXTURE AND ASSOCIATED PIPING UP TO INDICATED POINT.	
$\langle \mathbf{x} \rangle$	RENOVATION KEYED NOTES	FS
1	PROVIDE SHUT OFF VALVE IN ICE MAKER BOX RISER.	
2	CONTRACTOR SHALL VERIFY DHW ROUTE, CONNECT DHW FROM NEW FIXTURE TO EXISTING LOCATION.	
3	CONTRACTOR SHALL COORDINATE TO INSTALL AND CONNECT RENOVATION PLUMBING INTO EXISTING PIPING. CONTRACTOR SHALL FIELD VERIFY PRIOR TO INSTALL. MAKE ANY ADJUSTMENTS NECESSARY FOR PROPER CONNECTION.	FSM En 150 Johr Tallahass
	PRESSURE GENERAL NOTES	p.850 FL C
ALL FLOOF	PIPING MATERIAL & FITTINGS FROM PLUMBING FIXTURES ON RS SHALL BE EITHER A) COPPER (AS SPEC'D IN PLUMBING SCHEDULE), OR B) CPVC PRODUCT.	
	WATER & HOT WATER RETURN SYSTEM SHALL BE D AS INDICATED IN PLUMBING MATERIAL SCHEDULE.	208ERT E
PRESSURE ASSE-1016 THERMOS VALVES FF DEGREES MADE AT F	CETS SHALL BE EQUIPPED WITH TEMPERATURE & E VALVES AS REQUIRED BY ASME-A112.1070-2014, -2011, ASSE-1017-2014 & ASSE-1070-2014 USING TATIC MIXING VALVES; HOT WATER DELIVERED TO MIXING ROM WATER HEATERS SHALL BE SUPPLIED AT 120F IN ORDER TO CONTROL BACTERIA; ADJUSTMENTS MUST BE FIXTURES TO ASSURE TEMPERED WATER COMPLIANCE AS H BY GOVERNING CODES.	PROPROSION
-	CETS SHALL HAVE FACTORY BUILT-IN TEMPERATURE LIMIT NT SCALDING.	Robert E. Gelhard
	SANITARY GENERAL NOTES	
	CTOR SHALL FIELD VERIFY EXISTING SANITARY PRIOR TO EMENT OF WORK.	
OF FIXTUR	CTOR SHALL REFER TO OWNER/ ARCHITECT FOR RE-USE ES IN RENOVATION PHASE, CONTRACTOR SHALL BE BLE FOR PROPER DISPOSAL OF DEMOLISHED PIPES AND	ARCHI
	CTOR SHALL RECONNECT NEW PIPING TO EXISTING PIPES ADE AT PROPER ELEVATION INVERT.	

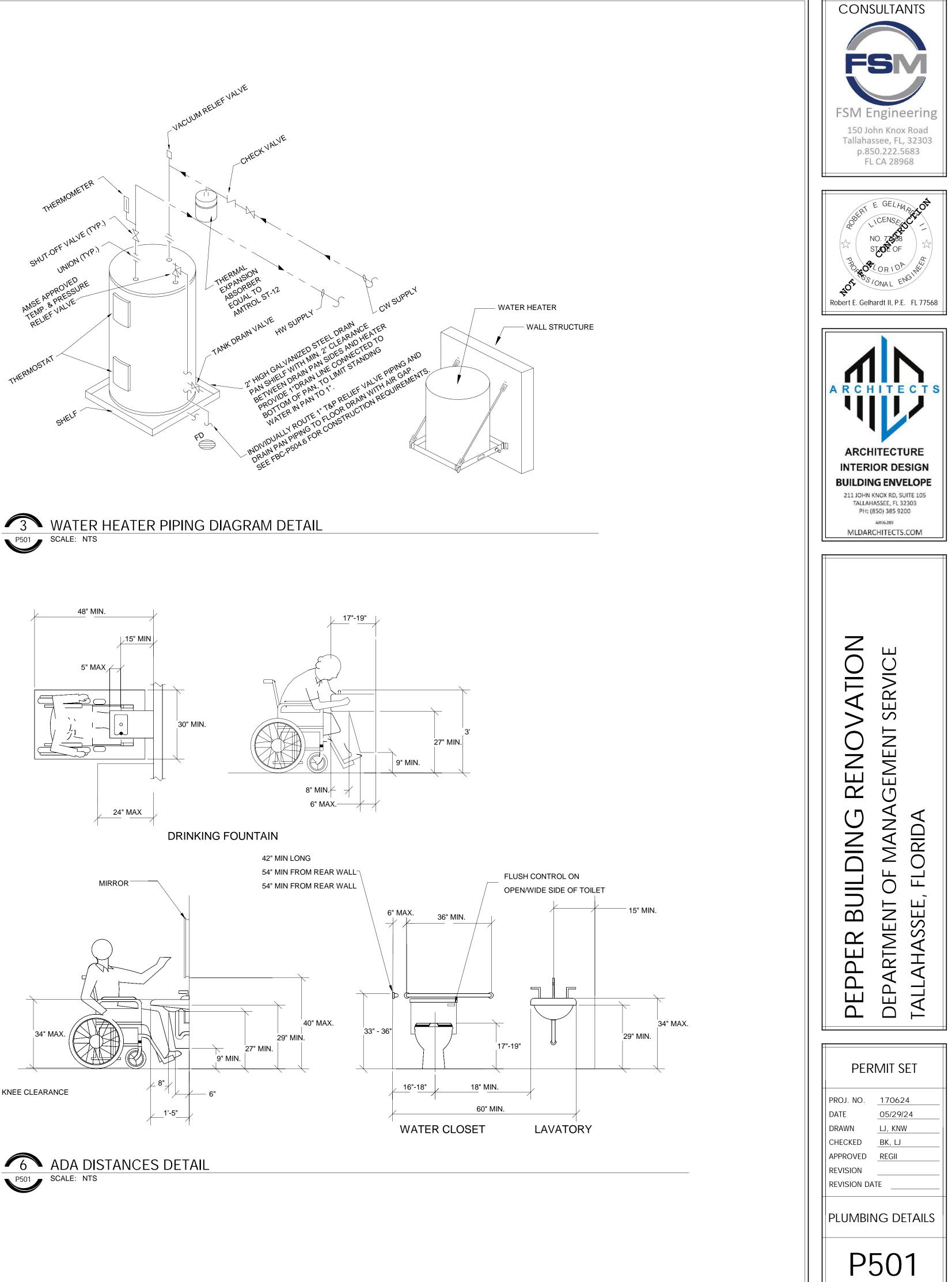


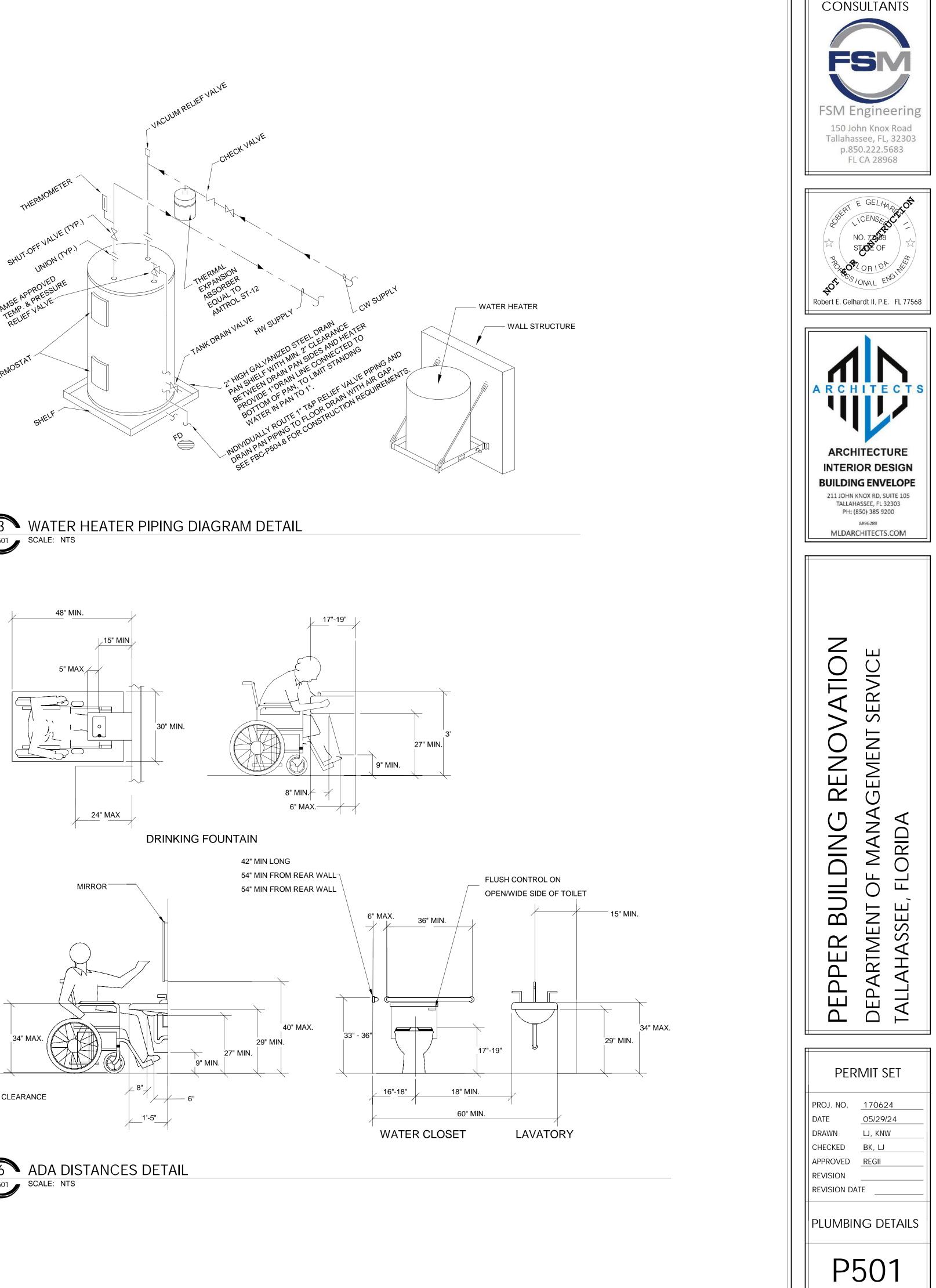
P181

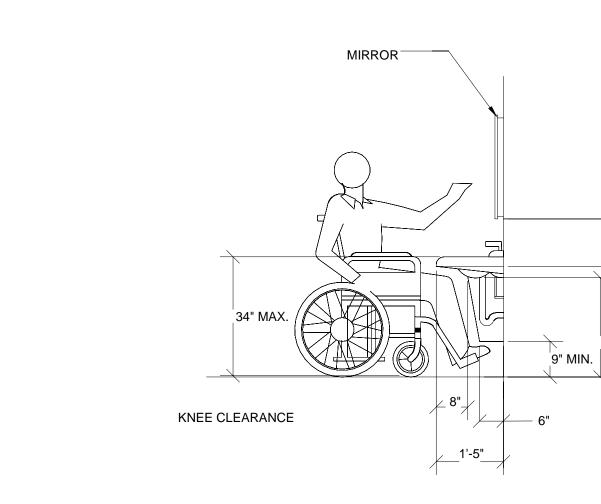












PLUMBING FIXTURE SCHEDULE							
MARK	MARK FIXTURE TYPE MFG/ MODEL FIXTURE DESCRIPTION					SAN	
EWH	ELECTRIC WATER HEATER	AO SMITH/DEL-10	10-GALLON, 2.5 KILOWATT, 208V/ 1 PHASE, 14 GPH RECOVERY AT 72 DEGREE RISE, 140 DEGREE OUTPUT, 15"x14" DIMENSION.	3/4"	3/4"	0"	
IM	ICE MAKER BOX	GUY GREY/88531	WHITE POWDER-COATED COLD-ROLLED STEEL ICE MAKER		0"	0"	
IWH	INSTANT WATER HEATER	EEMAX/EMT4	3.8 GALLON, 1.44 KW, 120V/1P, 12 AMP, 21 IBS, 18"x12"x13", 1/2" CONNECTIONS.	1/2"	1/2"	0"	
LAV	LAVATORY	AMERICAN STANDARD/0614.300	UNGLAZED RIM, 24"x17", FRONT OVERFLOW, VITREOUS CHINA, FAUCET: AMERICAN STANDARD 5500174.002	1/2"	1/2"	1 1/2"	
SK1	BREAKROOM SINK	ELKAY/ELUHAD211545PD	24"x18" ELKAY, SINGLE BOWL, UNDERMOUNT, ADA COMPLIANT, STAINLESS STEEL, FAUCET: ELKAY LK406LGN05T4	1/2"	1/2"	1 1/2"	
UR	URINAL	AMERICAN STANDARD/6590.001EC	ADA COMPLIANT, VITREOUS CHINA, 0.125 GPF WITH 3/4" SPUD CONNECTION, ULTRA HIGH EFFICIENCY.	3/4"	0"	2"	
wc	51ANDARD/2859.128		VITREOUS CHINA, MANUAL FLSUH VALVE, 1.28 GPF, TOP SPUD CONNECTION, BACK DISCHARGE, 1-1/2" SPUD CONNECTION, WALL MOUNTED, ADA COMPLIANT.	1 1/4"	0"	3"	

	PLUMBING FIXTURE CALCULATION							
Mark	QUANTITY	CWFU	TOTAL CWFU	HWFU	TOTAL HWFU	TWFU	COMBINED FU	WFU
M	11	0.25	2.75	0	0	0.25	2.75	0
AV	5	1.5	7.5	1.5	7.5	2	10	1
SK1	9	1	9	1	9	1.4	12.6	2
JR	1	5	5	0	0	5	5	4
NC.	4	10	40	0	0	10	40	6

16.5

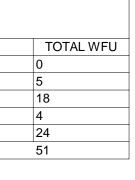
70.35

Grand total 30 NOTE:

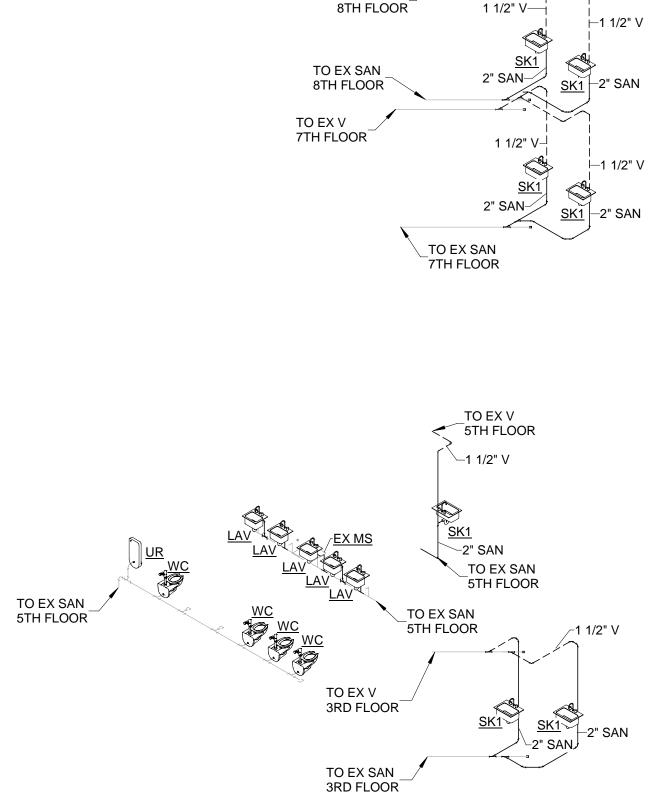
1. FIXTURE UNITS BASED ON TABLES FBC-P 709 & E103.3. 2. EXPECTED DCW DISTRIBUTIONS: 2" DCW

64.25





TO EX V 8TH FLOOR



TO EX SAN 1 1/2" V-| <u>SK1</u> | ⊢1 1/2" V SK1 -2" SAN 2" SAN TO EX SAN GROUND FLOOR



