

PLUMBING FIXTURE SCHEDULE:

(BT-1)	PROVIDE A KOHLER MODEL MK-1123-LA ALCOVE BATHTUB. BATHTUB TO BE ACRYLIC, 60" x 32" WITH SKIRT, SLOTTED OVERFLOW & TILE FLANGE. PROVIDE WITH A KOHLER MODEL K-7271-CP BRASS SLOTTED OVERFLOW AND DRAIN WITH CHROME FINISH. PROVIDE 90° BUSHING AND 90° TURN SHOWERHAND SHOWER SYSTEM. SHOWER VALVE TO BE PRESSURE-BALANCING WITH BRASS BODY, ADJUSTABLE LIMIT STOP AND SCREWDRIVER STOPS. SYSTEM TO COME COMPLETE WITH 2.0 GPM FLOW RESTRICTOR, TUB SPOUT, SHOWER HEAD, 60" HOSE & HAND SHOWER, 30" SLIDER BAR, VACUUM BREAKER AND TRIPLE OUTLET DIVERTER VALVE. ALL EXPOSED METAL PARTS TO BE CHROME PLATED. PROVIDE BATH WITH 1-1/2" P-TRAP.
(DW-1)	DISHWASHER PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR. CONNECT WATER LINE TO HOT WATER PIPING SERVING SINK, AND CONNECT DRAIN LINE TO SINK TAILPIECE OR DISPOSAL. DISHWASHER CONNECTION. PROVIDE LOOP IN DRAIN LINE UP TO BOTTOM OF THE COUNTER TOP AND SECURELY FASTEN.
(EWC-1)	PROVIDE A ELKAY MODEL LZS8WSLK ELECTRIC WATER COOLER/BOTTLE FILLING STATION, OR EQUAL. WATER COOLER TO HAVE SINGLE HEIGHT STAINLESS STEEL RECEPTOR, GRAY COOLER CABINET, DROP-DOWN WRAPPER, SELF CLOSING FRONT AND SIDE MOUNTED PUSH BUTTON TYPE BUBBLER, HANDS FREE SPORTS BOTTLE FILLER, STRAINER AND TAILPIECE. SURFACE MOUNTED REFRIGERANT CHILLER UNIT CAPABLE OF 8 GPH OF 50°F AT AN AMBIENT TEMPERATURE OF 90°F. ELECTRICAL CHARACTERISTICS: 115V AC, 60HZ, 5 FLA, SINGLE PHASE. UNIT TO BE COMPLETE WITH WATER SENTRY PLUS FILTER WITH 6,000 GALLON CAPACITY TO REMOVE CYSTS, LEAD AND CHLORINE AND VISUAL MONITOR. PROVIDE CHROME PLATED 17 GAUGE 1-1/4 X 1-1/2 BRASS P-TRAP WITH CLEANOUP. PROVIDE COLD WATER INLET WITH 1/4 TURN ANGLE BALL STOP WITH 1/2" IPS INLET AND 3/8" IPS OUTLET EQUAL TO BRASSCRAFT MODEL KTR19X. STOP TO BE ALL BRASS WITH REMOVABLE HANDLE RATED FOR TEMPERATURES GREATER THAN 115 DEG F. PROVIDE STOP WITH CHROME WALL ESCUTCHEON AND 12" STAINLESS STEEL FLEXIBLE SUPPLY FROM STOP TO WATER COOLER INLET. PROVIDE WITH A FLOOR MOUNTED CARRIER EQUAL TO ELKAY MODEL MLP100. WATER COOLER AND ASSOCIATED APPURTENANCES SHALL BE ADA COMPLIANT.
(EWC-2)	PROVIDE A ELKAY MODEL LZSTBWSLK ELECTRIC WATER COOLER/BOTTLE FILLING STATION, OR EQUAL. WATER COOLER TO HAVE DUAL HEIGHT STAINLESS STEEL RECEPTORS, GRAY COOLER CABINET, DROP-DOWN WRAPPER, SELF CLOSING FRONT AND SIDE MOUNTED PUSH BUTTON TYPE BUBBLERS, HANDS FREE SPORTS BOTTLE FILLER ON LOWER BASIN, STRAINER AND TAILPIECE. SURFACE MOUNTED REFRIGERANT CHILLER UNIT CAPABLE OF 8 GPH OF 50°F AT AN AMBIENT TEMPERATURE OF 90°F. ELECTRICAL CHARACTERISTICS: 115V AC, 60HZ, 5 FLA, SINGLE PHASE. PROVIDE APRON UNDER UPPER UNIT AS REQUIRED TO MEET ADA REQUIREMENTS. UNIT TO BE COMPLETE WITH WATER SENTRY PLUS FILTER WITH 6,000 GALLON CAPACITY TO REMOVE CYSTS, LEAD AND CHLORINE AND VISUAL MONITOR. PROVIDE CHROME PLATED 17 GAUGE 1-1/4 X 1-1/2 BRASS P-TRAP WITH CLEANOUP. PROVIDE COLD WATER INLET WITH 1/4 TURN ANGLE BALL STOP WITH 1/2" IPS INLET AND 3/8" IPS OUTLET EQUAL TO BRASSCRAFT MODEL KTR19X. STOP TO BE ALL BRASS WITH REMOVABLE HANDLE RATED FOR TEMPERATURES GREATER THAN 115 DEG F. PROVIDE STOP WITH CHROME WALL ESCUTCHEON AND 12" STAINLESS STEEL FLEXIBLE SUPPLY FROM STOP TO WATER COOLER INLET. PROVIDE WITH A FLOOR MOUNTED CARRIER EQUAL TO ELKAY MODEL MLP200. WATER COOLER AND ASSOCIATED APPURTENANCES SHALL BE ADA COMPLIANT.
(FD-1)	PROVIDE A ZURN MODEL Z4158-VP FLOOR DRAIN OR EQUAL. FLOOR DRAIN SHALL HAVE A COATED CAST IRON BODY, BOTTOM OUTLET, COMBINATION REVERSIBLE CLAMP COLLAR AND ADJUSTABLE ROUND HEEL PROOF NICKEL BRONZE STRAINER, 2" OUTLET, 6" ROUND TOP, AND VANDAL PROOF. PROVIDE WITH TRAP AND TRAP PRIMER CONNECTION.
(FD-2)	PROVIDE A ZURN MODEL Z4151-VP FLOOR DRAIN OR EQUAL. FLOOR DRAIN SHALL HAVE A COATED CAST IRON BODY, BOTTOM OUTLET, COMBINATION REVERSIBLE CLAMP COLLAR AND ADJUSTABLE ROUND HEEL PROOF NICKEL BRONZE STRAINER WITH RAISED FLANGE, 2" OUTLET, 6" ROUND TOP, AND VANDAL PROOF. PROVIDE WITH TRAP PRIMER CONNECTION. MOUNT TOP OF RAISED FLANGE FLUSH WITH FINISHED FLOOR.
(L-1)	PROVIDE A KOHLER MODEL K-2030 VITREOUS CHINA WALL HUNG LAVATORY WITH FLOOR MOUNTED CONCEALED ARM CARRIER, OVERFLOW AND 8" CENTERS OR EQUAL. PROVIDE CHROME PLATED 17 GAUGE 1-1/4 X 1-1/2 BRASS P-TRAP WITH CLEANOUP EQUAL TO PROFLOW MODEL PFPBT104. PROVIDE OFFSET LAVATORY GRID DRAIN EQUAL TO PROFLO MODEL PFGD101. PROVIDE A CHICAGO FAUCETS MODEL 786-E36XKABCP GOOSENECK FAUCET. FAUCET TO HAVE 5-1/4" GOOSENECK, CERAMIC 1/4-TURN CARTRIDGE, VANDAL PROOF 4" WRISTBLADE HANDLES AND 1.5 GPM LAMINAR FLOW CONTROL. PROVIDE FAUCET COLD AND HOT INLETS WITH ANGLE SUPPLY STOPS WITH 1/2" IPS INLET AND 3/8" IPS OUTLET EQUAL TO BRASSCRAFT MODEL TCR19 C. STOPS TO HAVE CHROME PLATED BRASS BODY, REDUCER BUSHINGS, BRASS STEM AND METAL STUFFING BOX. PROVIDE WITH 12" S.S. FLEXIBLE RISERS & ESCUTCHEONS. PROVIDE OFFSET WASTE, TRAP, STOPS AND RISERS WITH HANDICAPPED INSULATION. LAVATORY AND ASSOCIATED APPURTENANCES SHALL BE ADA COMPLIANT. PROVIDE FULLY ADJUSTABLE CONCEALED ARM, FLOOR MOUNTED LAVATORY CARRIER, ADJUSTED TO ADA HEIGHT EQUAL TO ZURN Z1231.
(L-2)	PROVIDE A KOHLER MODEL K-2030 VITREOUS CHINA WALL HUNG LAVATORY WITH FLOOR MOUNTED CONCEALED ARM CARRIER, OVERFLOW AND 8" CENTERS OR EQUAL. PROVIDE CHROME PLATED 17 GAUGE 1-1/4 X 1-1/2 BRASS P-TRAP WITH CLEANOUP EQUAL TO PROFLOW MODEL PFPBT104. PROVIDE OFFSET LAVATORY GRID DRAIN EQUAL TO PROFLO MODEL PFGD101. PROVIDE A CHICAGO FAUCETS MODEL 786-E36XKABCP GOOSENECK FAUCET. FAUCET TO HAVE 5-1/4" GOOSENECK, CERAMIC 1/4-TURN CARTRIDGE, VANDAL PROOF 4" WRISTBLADE HANDLES AND 1.5 GPM LAMINAR FLOW CONTROL. PROVIDE FAUCET COLD AND HOT INLETS WITH ANGLE SUPPLY STOPS WITH 1/2" IPS INLET AND 3/8" IPS OUTLET EQUAL TO BRASSCRAFT MODEL TCR19 C. STOPS TO HAVE CHROME PLATED BRASS BODY, REDUCER BUSHINGS, BRASS STEM AND METAL STUFFING BOX. PROVIDE WITH 12" S.S. FLEXIBLE RISERS & ESCUTCHEONS. PROVIDE OFFSET WASTE, TRAP, STOPS AND RISERS WITH HANDICAPPED INSULATION. PROVIDE FULLY ADJUSTABLE CONCEALED ARM, FLOOR MOUNTED LAVATORY CARRIER, ADJUSTED TO 31" RIM HEIGHT EQUAL TO ZURN Z1231.
(MS-1)	PROVIDE A FIAT MODEL TSB3000 24" x 24" x 12" TERRAZZO MOP SINK WITH 6" DROP FRONT AND STAINLESS STEEL CAPS, OR EQUAL. MOP SINK TO BE COMPLETE WITH INTEGRAL STAINLESS STEEL DRAIN BODY AND STAINLESS STEEL CAPS ON ALL CURBS. PROVIDE A MOP HANGER CONSISTING OF 24" x 3" WIDE STAINLESS STEEL PLATE WITH WITH 3 RUBBER TOOL GRIPS EQUAL TO FIAT MODEL 889CC, A HOSE AND HOSE BRACKET EQUAL TO FIAT MODEL 832AA, AND FIAT MODEL MSG2424 24" x 24" STAINLESS STEEL WALL GUARDS ON 2 SIDES. PROVIDE A CHICAGO FAUCETS MODEL 445-897SRXKCCP CHROME PLATED BRASS FAUCET OR EQUAL. FAUCET TO BE COMPLETE WITH VACUUM BREAKER, INTEGRAL CHECK STOPS, ADJUSTABLE WALL BRACE, PAIL HOOK, AND 3/4 INCH HOSE THREAD ON SPOUT.
(Ob-1)	PROVIDE A GUY GRAY MODEL FRB125 FIRE RATED RECESSED SUPPLY BOX WITH WALL FLANGE. FURNISH WITH 1/2" x 1/4" QUARTER TURN ANGLE VALVE. SUPPLY BOX DIMENSIONS TO BE A MAXIMUM 6" x 6". ON THE LEAVING SIDE OF THE VALVE, PROVIDE A 4 FOOT COIL OF ROLL TYPE "K" SOFT COPPER. MOUNT BOX BEHIND EQUIPMENT, COORDINATE MOUNTING HEIGHT WITH EQUIPMENT PRIOR TOROUGH-IN. WHERE REQUIRED BY CODE, PROVIDE A WATTS MODEL SD-3 BACKFLOW PREVENTER ON OUTLET SIDE OF OUTLET BOX PRIOR TO CONNECTING TO EQUIPMENT.
(S-1)	PROVIDE A ELKAY MODEL LR2219 STAINLESS STEEL SINGLE BOWL TOP MOUNT SINK SINK TO BE 18 GAUGE TYPE 304 STAINLESS STEEL, 22"x19-1/2"x7-5/8" DEEP, PUNCHED FOR 3 HOLES, AND POLISHED TO A SATIN FINISH. SINK TO COME COMPLETE WITH AN ELKAY MODEL LK35 DRAIN. PROVIDE A CHICAGO FAUCETS MODEL 786-GN8AE35-369AB SWING GOOSENECK FAUCET. FAUCET TO HAVE LEVER HANDLES, 1.5 GPM SOFTFLOW OUTLET, AND 8" RIGID/SWING GOOSENECK SPOUT. PROVIDE COLD WATER AND HOT WATER INLETS WITH 1/4 TURN ANGLE BALL STOPS WITH 1/2" IPS INLET AND 3/8" IPS OUTLET EQUAL TO BRASSCRAFT MODEL KTR19X. STOPS TO BE ALL BRASS WITH REMOVABLE HANDLE AND RATED FOR TEMPERATURES GREATER THAN 115 DEG F. PROVIDE STOPS WITH CHROME WALL ESCUTCHEONS AND STAINLESS STEEL FLEXIBLE SUPPLIES FROM STOPS TO FAUCET. PROVIDE CHROME PLATED 17 GAUGE 1-1/2" X 1-1/2" P-TRAP WITH CLEANOUP.

ABBREVIATIONS

AC	ABOVE CEILING
AFF	ABOVE FINISHED FLOOR
BF	BELOW FLOOR
BT	BATH TUB
CO	CLEANOUP
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER (130°F)
DTW	DOMESTIC TEMPERED WATER (115°F)
DTWR	DOMESTIC TEMPERED WATER RETURN
DW	DISHWASHER
ET	EXPANSION TANK
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EX	EXISTING TO REMAIN
FCO	FLOOR CLEANOUP
FD	FLOOR DRAIN
HB	HOSE BIBB
L	LAVATORY
MS	MOP SINK
OB	OUTLET BOX
P-#	PUMP
S	SINK
SH	SHOWER
TMV	TEMPERATURE MIXING VALVE
U	URINAL
V	VENT
VTR	VENT THROUGH ROOF
W	SANITARY WASTE
WC	WATER CLOSET
WCO	WALL CLEANOUP
WH	WALL HYDRANT
WHA	WATER HAMMER ARRESTOR
(P)	PRESENT TO REMAIN
(PX)	PRESENT TO BE REMOVED

SYMBOLS LEGEND

	DEMOLISH TO SYMBOL
	CONNECT TO SYMBOL
	PLUMBING FIXTURE TAG
	EXISTING DCW PIPING
	DCW PIPING
	EXISTING DTW PIPING
	DHW OR DTW PIPING
	DTWR PIPING
	EXISTING WASTE PIPING
	WASTE PIPING
	EXISTING VENT PIPING
	VENT PIPING
	EXISTING STORM PIPING
	STORM PIPING
	ITEMS TO BE DEMOLISHED
	SQUARE FLOOR DRAIN/SINK
	ROUND FLOOR DRAIN/SINK
	PIPE BREAK
	PIPE TURNED UP
	PIPE TURNED DOWN
	BOTTOM PIPE TAP
	PIPE CAP
	FLOOR OR GRADE CLEANOUT
	DIRECTION OF FLOW
	BALL VALVE
	CALIBRATED BALANCING VALVE
	CHECK VALVE
	PUMP
	PRESSURE GAUGE
	TEMPERATURE GAGUE
	WATER HAMMER ARRESTOR

PLUMBING FIXTURE SCHEDULE:

(S-2)	PROVIDE A ELKAY MODEL LR3319 STAINLESS STEEL DOUBLE BOWL, TOP MOUNT SINK OR EQUAL. SINK TO BE 18 GAUGE TYPE 304 STAINLESS STEEL, 33"x19-1/2" OVERALL, EACH BOWL SIZE = 14"x14"x7-5/8" DEEP, PUNCHED FOR 3 HOLES, AND POLISHED TO A SATIN FINISH. SINK TO COME COMPLETE WITH TWO ELKAY LK-35 STAINLESS STEEL DRAINS. PROVIDE A CHICAGO FAUCETS MODEL 786-GN8AE35-369AB SWING GOOSENECK FAUCET. FAUCET TO HAVE LEVER HANDLES, 1.5 GPM SOFTFLOW OUTLET, AND 8" RIGID/SWING GOOSENECK SPOUT. PROVIDE COLD WATER AND HOT WATER INLETS WITH 1/4 TURN ANGLE BALL STOPS WITH 1/2" IPS INLET AND 3/8" IPS OUTLET EQUAL TO BRASSCRAFT MODEL KTR19X. STOPS TO BE ALL BRASS WITH REMOVABLE HANDLE AND RATED FOR TEMPERATURES GREATER THAN 115 DEG F. PROVIDE STOPS WITH CHROME WALL ESCUTCHEONS AND STAINLESS STEEL FLEXIBLE SUPPLIES FROM STOPS TO FAUCET. PROVIDE CHROME PLATED DOUBLE BOWL DRAIN FITTING EQUAL TO ELKAY MODEL LKX3 AND A CHROME PLATED 17 GAUGE 1-1/2" X 1-1/2" P-TRAP WITH CLEANOUP.
(SH-1)	SEE ARCHITECTURAL DRAWINGS FOR PRE-FAB ADA ROLL-IN SHOWER SCHEDULE & REQUIREMENTS. PROVIDE A SYMONS MODEL 9605-PLR SHOWER/HAND SHOWER SYSTEM. SHOWER VALVE TO BE PRESSURE-BALANCING WITH BRASS BODY, ADJUSTABLE LIMIT STOP AND SCREWDRIVER STOPS. SYSTEM TO COME COMPLETE WITH 2.0 GPM FLOW RESTRICTOR, SHOWER HEAD, 60" HOSE & HAND SHOWER, 30" SLIDER BAR, VACUUM BREAKER AND DUAL OUTLET DIVERTER VALVE. ALL EXPOSED METAL PARTS TO BE CHROME PLATED. PROVIDE A SIOUX CHIEF MODEL 827-2B SHOWER DRAIN OR EQUAL AS APPROVED BY SHOWER MANUFACTURER. DRAIN SHALL HAVE A BRASS BODY, BRASS LOCKNUT, OUTER FIBRE WASHER, OUTER GASKET, STAINLESS STEEL STRAINER, INNER COMPRESSION GASKET & COMPRESSION NUT, AND 2" BOTTOM OUTLET. SHOWER AND ASSOCIATED APPURTENANCES SHALL BE ADA COMPLIANT.
(TMV-1)	PROVIDE A POWERS MODEL IS2075VLC00LP-H DIGITAL WATER MIXING VALVE SYSTEM OR EQUAL. SYSTEM TO CONSIST OF A DIGITAL WATER TEMPERATURE CONTROL AND MONITORING SYSTEM WITH COLOR TOUCHSCREEN CONTROLLING A 3 WAY VALVE TO CONTROL TEMPERATURE TO +/- 2°F. SYSTEM TO HAVE FULL PORT BALL VALVES ON INLET & OUTLETS, ADJUSTABLE HIGH TEMPERATURE ALARM, INTEGRATION WITH THE BAS AND A 5 YEAR WARRANTY. SYSTEM TO HAVE 1-1/2" INLETS, 2" OUTLET AND 1" RETURN CONNECTIONS. ENTIRE SYSTEM TO BE FACTORY MOUNTED ON STRUT. SYSTEM TO INCLUDE BUILDING MANAGEMENT SYSTEM INTERFACE. SYSTEM TO BE FACTORY PRE-ASSEMBLED AND TESTED AS A COMPLETE SYSTEM. SET OUTLET TO 110°F. SYSTEM TO DISPLAY AS A MINIMUM THE FOLLOWING: 1. HOT & COLD WATER INLET SUPPLY TEMPERATURES. 2. MIXED OUTLET TEMPERATURE AND SETPOINT. 3. HIGHEST MIXED OUTLET TEMPERATURE. 4. HIGHEST HOT WATER INLET SUPPLY TEMPERATURE. 6. LOWEST HOT WATER INLET SUPPLY TEMPERATURE.
(TP-1)	SEE DOMESTIC HOT WATER RETURN PUMP SCHEDULE, ITEM P-1 FOR CIRCULATING PUMP SCHEDULE. SYSTEM TO BE SIZED FOR A MINIMUM FLOW OF 3.0 GPM AND A MAXIMUM FLOW OF 33 GPM AT A PSIG SYSTEM PRESSURE DROP.
(WC-1)	PROVIDE A PRECISION PLUMBING PRODUCTS MODEL PRO1-500 OR EQUAL. TRAP PRIMER TO BE INLINE, FLOW ACTIVATED AND ALL BRASS CONSTRUCTION. PROVIDE A PRECISION PLUMBING PRODUCTS DISTRIBUTION UNIT MODEL DU-U FOR PRIMING 2 TO 4 TRAPS AS REQUIRED.
(WC-2)	PROVIDE A TOTO MODEL CT725CUF VITREOUS CHINA FLUSHOMETER TYPE, ADA COMPLIANT FLOOR MOUNTED, 1.6 GPF WATER CLOSET WITH ELONGATED BOWL AND TOP SPUD CONNECTION, OR EQUAL. PROVIDE WC WITH A 1.6 GALLON CHROME PLATED, DIAPHRAGM TYPE, EXPOSED FLUSH VALVE WITH METAL OSCILLATING NON-HOLD OPEN HANDLE, 1" IPS SCREW DRIVER ANGLE STOP, PROTECTIVE CAP, ADJUSTABLE TAIL PIECE, VACUUM BREAKER, FLUSH CONNECTION, ADA COMPLIANT HANDLE, SPUD COUPLING FOR 1-1/2" TOP SPUD, WALL AND SPUD FLANGES EQUAL TO SLOAN MODEL ROYAL 111-1.6-CP. MOUNT TOP OF FLUSH VALVE BELOW GRAB BAR OR PROVIDE OFFSET FOR GRAB BAR AS REQUIRED. PROVIDE WITH AN EXTRA HEAVY SOLID PLASTIC SEAT WITH AN OPEN FRONT AND SELF-SUSTAINING STAINLESS STEEL CHECK HINGES EQUAL TO BEMIS 1655SCT.
(WH-1)	PROVIDE A KOHLER MODEL K-96059 VITREOUS CHINA FLUSHOMETER TYPE, JUVENILE, FLOOR MOUNTED, 1.6 GPF WATER CLOSET WITH ELONGATED BOWL AND TOP SPUD CONNECTION, OR EQUAL. PROVIDE WC WITH A 1.6 GALLON CHROME PLATED, DIAPHRAGM TYPE, EXPOSED FLUSH VALVE WITH METAL OSCILLATING NON-HOLD OPEN HANDLE, 1" IPS SCREW DRIVER ANGLE STOP, PROTECTIVE CAP, ADJUSTABLE TAIL PIECE, VACUUM BREAKER, FLUSH CONNECTION, ADA COMPLIANT HANDLE, SPUD COUPLING FOR 1-1/2" TOP SPUD, WALL AND SPUD FLANGES EQUAL TO SLOAN MODEL ROYAL 111-1.6-CP. MOUNT TOP OF FLUSH VALVE BELOW GRAB BAR OR PROVIDE OFFSET FOR GRAB BAR AS REQUIRED. PROVIDE WITH AN EXTRA HEAVY SOLID PLASTIC SEAT WITH AN OPEN FRONT AND SELF-SUSTAINING STAINLESS STEEL CHECK HINGES EQUAL TO BEMIS 1655SCT. TOP OF SEAT TO BE A MAXIMUM OF 15" ABOVE FINISHED FLOOR.
(WHA)	PROVIDE A WATTS MODEL LF15M2 WATER HAMMER ARRESTOR OR EQUAL. ARRESTOR TO BE PISTON OR BELLOWS TYPE, SUITABLE FOR DOMESTIC POTABLE WATER, PDI LISTED AND SIZED PER PDI RECOMMENDATIONS.

CODE REFERENCES

FBC, BUILDING	FLORIDA BUILDING CODE, 2023 EIGHTH EDITION
FBC, MECHANICAL	FLORIDA BUILDING CODE, 2023 EIGHTH EDITION
FBC, PLUMBING	FLORIDA BUILDING CODE, 2023 EIGHTH EDITION
FBC, TEST PROTOCOL	FLORIDA BUILDING CODE, 2023 EIGHTH EDITION
FBC, EXISTING BUILDING	FLORIDA BUILDING CODE, 2023 EIGHTH EDITION
FBC, ENERGY	FLORIDA BUILDING CODE, 2023 EIGHTH EDITION
FFPC	FLORIDA FIRE PREVENTION CODE, 2023 EIGHTH EDITION
NFPA 13	STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2019 EDITION
NFPA 25	STANDARD FOR THE INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS, 2020 EDITION
NFPA 51B	STANDARD FOR FIRE PREVENTION DURING WELDING, CUTTING, AND OTHER HOT WORK, 2019 EDITION
NFPA 70	NATIONAL ELECTRIC CODE, 2020 EDITION
NFPA 101	LIFE SAFETY CODE, 2021 EDITION
NFPA 101A	GUIDE ON ALTERNATIVE APPROACHES TO LIFE SAFETY, 2019 EDITION

CLEANOUT SCHEDULE

	GENERAL (ALL FLOOR & EXTERIOR CLEANOUTS): DURO-COATED CAST IRON CLEANOUT WITH MEMBRANE FLANGE WITH BRONZE COUNTERSUNK PLUG. CLEANOUT CAN BE ADJUSTED TO FINISH FLOOR LEVEL AFTER CONCRETE HAS SET. COORDINATE FLOOR TYPES WITH ARCHITECTURAL PLANS.
(FCO)	FLOOR: HEAVY DUTY ROUND SCORIATED NICKEL BRONZE TOP. <u>ZURN - ZN1400-BP</u>
(FCO)	CARPETED FLOOR: HEAVY DUTY ROUND NICKEL BRONZE TOP RECESSED FOR CARPET. <u>ZURN - ZN1400-BP-CM</u>
(FCO)	TILE FLOOR: HEAVY DUTY ROUND NICKEL BRONZE TOP RECESSED FOR TILE. <u>ZURN - ZN1400-BP-HD-X</u>
(FCO)	TERRAZZO FLOOR: HEAVY DUTY ROUND NICKEL BRONZE TOP RECESSED FOR TERRAZZO. <u>ZURN - ZN1400-BP-HD-Z</u>
(GCO)	EXTERIOR: HEAVY DUTY ROUND SCORIATED NICKEL BRONZE TOP. PROVIDE WITH 18" SQUARE X 4" THICK CONCRETE COLLAR. <u>ZURN - ZN1406-BP-HD</u>
(WCO)	WALL: DURO-COATED CAST IRON CLEANOUT TEE, BRONZE COUNTERSUNK PLUG, WITH ROUND POLISHED STAINLESS STEEL COVER. <u>ZURN - Z1446-BP</u>

PIPE INSULATION SPECIFICATIONS

1	ALL PLUMBING WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR. ALL WORK SHALL CONFORM TO THE FBC, 2020 SEVENTH EDITION, AND ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES.
#	DOMESTIC COLD WATER, HOT WATER AND HOT RECIRCULATED WATER PIPING SHALL BE INSULATED WITH A MINIMUM 1-1/2" PREFORMED FIBERGLASS PIPING INSULATION WITH AN ALL SERVICE JACKETING AND ASI TAPED SEAMS. PROVIDE PVC CORNER ANGLES FOR PIPING ELBOWS. INSULATION SHALL HAVE AN INSTALLED CONDUCTIVITY OF 0.24 BTU/IN(H"SF"") THIS SHALL INCLUDE EXISTING DOMESTIC HOT WATER PIPING.

DRAINAGE & WATER FIXTURE UNIT CALCULATION FOR REMOVED PORTION OF BUILDING										
PROJECT NAME	TMH Outpatient Rehab Relocation									
PROJECT NUMBER	25029									
PROJECT LOCATION	1807 Saint James Court, Tallahassee FL 32308									
ARCHITECT	Hoy Stark Architects									
DATE	4/3/2026									
PREPARED BY	TKE									
FIX. TYPE	QUANTITY	WASTE DPU PER FIXTURE	WASTE DPU PER TYPE	WATER FU PER FIXTURE	WATER FU PER TYPE	CW FU PER FIXTURE	CW FU PER TYPE	HW FU PER FIXTURE	HW FU PER TYPE	TOTAL
WC-FLUSH VALVE	15	4	60	10	150	10	150	0	0	
BATHROOM GRP	10	5	50	8	80	6	60	3	30	
LAV	12	1	12	2	24	1.5	18	1.5	18	
EWV	5	0.5	2.5	0.25	1.25	0.25	1.25	0	0	
SK-1 FAUC	10	2	20	1.4	14	1	10	1	10	
SK-2 FAUC	1	4	4	4	4	4	4	4	4	
FLOOR DRAIN	1	2	2	0	0	0	0	0	0	
MOB BASIN	2	5	10	3	6	2.25	4.5	2.25	4.5	
URINAL	4	4	16	5	20	5	20	0	0	
		WASTE DPU TOTAL	176.5	WATER FU TOTAL	299.25	CW FU TOTAL	267.75	HW FU TOTAL	66.5	

GENERAL PLUMBING NOTES

THESE GENERAL NOTES APPLY TO THE CONTRACTOR HOLDING THE GENERAL CONTRACT AS WELL AS ALL OTHER SUB CONTRACTORS AND AGENTS REQUIRED TO PERFORM WORK ON THIS PROJECT.	
1	TOMAHAWK ENGINEERING AND CONSULTING, INC. SHALL NOT BE HELD RESPONSIBLE FOR ANY MISUSE AND/OR MISREPRESENTATION OF THIS SET OF DOCUMENTS.
2	THE CONTRACTOR ASSUMES RESPONSIBILITY FOR USE OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL MAKE HIMSELF AWARE OF PROJECT CONDITIONS AND OWNER REQUIREMENTS PRIOR TO PROCUREMENT OF EQUIPMENT AND SERVICES. CHANGES IN PROJECT COST WILL NOT BE GRANTED DUE TO FIELD CONFLICTS AND/OR PROJECT CONDITIONS.
3	THIS SET OF DRAWINGS AND SPECIFICATIONS SHALL NOT BE CONSIDERED A SET OF CONSTRUCTION DOCUMENTS UNLESS A SIGNATURE AND DATE ARE AFFIXED TO THE DRAWINGS AND SPECIFICATIONS BY THE ENGINEER IN RESPONSIBLE CHARGE FOR THE GIVEN DISCIPLINE.
4	CONFLICTS BETWEEN THIS SET OF DRAWINGS AND THE CONTRACT SPECIFICATIONS SHALL BE RESOLVED BY THE ENGINEER IN RESPONSIBLE CHARGE. THE ENGINEER SHALL HAVE THE AUTHORITY TO INTERPRET CONFLICTS AND RESOLVE ISSUES WITHOUT WRITTEN DIRECTION FROM THE ENGINEER OF RECORD.
5	ANY CONFLICTS IN THE FIELD OR WITHIN THESE DOCUMENTS SHALL BE RECORDED AND PROVIDED TO THE ENGINEER OF RECORD ON THE CONTRACTOR'S STANDARD LETTERHEAD. WRITTEN DIRECTION RESOLVING CONFLICT WILL BE ISSUED BY THE ENGINEER OF RECORD.
6	WHERE THE CONTRACTOR DEVIATES FROM THIS SET OF CONSTRUCTION DOCUMENTS AND RESUBMISSION OF REVISED DRAWINGS IS REQUIRED BY THE PERMITTING OFFICE/OFFICIAL, A MINIMUM CHARGE OF \$750.00 PER AFFECTED DRAWING SHEET WILL BE BILLED TO THE CONTRACTOR. THE REVISED DRAWINGS WILL NOT BE PROVIDED AND/OR SUBMITTED TO THE PERMIT OFFICE UNTIL A PURCHASE ORDER OR SIGNED AGREEMENT IS ISSUED BY THE CONTRACTOR TO THE ENGINEER OF RECORD. THIS ALSO REQUIRES DEMOLITION OF ALL ASSOCIATED APPURTENANCES INCLUDING ELECTRICAL CONNECTIONS, CONTROLS CONNECTIONS, ETC.
7	DRAWINGS ARE DIAGRAMMATIC IN NATURE. PIPING SIZES, PIPING INVERTS, EQUIPMENT DIMENSIONS, MOUNTING HEIGHTS AND GENERAL ARRANGEMENT SHALL BE FIELD MEASURED AND VERIFIED PRIOR TO PROCUREMENT. ALL FITTINGS MAY NOT BE SHOWN. THE PLUMBING CONTRACTOR SHALL PROVIDE ALL REQUIRED FITTINGS, TAPS FOR EXISTING SANITARY AND DOMESTIC PRESSURE PIPING, TRANSITIONS, FLEXIBLE CONNECTORS, VALVES, LABOR, OR ANY OTHER WORK INDICATED OR IMPLIED FOR A FULLY FUNCTIONAL SYSTEM.
8	WHERE APPLICABLE AND AVAILABLE, ACTUAL EQUIPMENT DRAWINGS ARE USED FOR SYMBOLS ON PLAN VIEWS AND IN DETAILS. HOWEVER, SIMPLE BLOCK DIAGRAMS WITH ESTIMATED DIMENSIONS ARE ALSO USED FOR PLAN VIEWS. WHERE EQUIPMENT OR DEVICES ARE NOT LABELED, INDUSTRY STANDARD TERMINOLOGY AND SYMBOLGY SHALL APPLY.
9	THE CONTRACTOR SHALL MAKE HIS OR HERSELF AWARE OF THE OWNER'S SCHEDULE AND BE PREPARED TO WORK AT NIGHT OR ON WEEKENDS TO COMPLETE WORK SHOWN IN THESE DOCUMENTS. INTERRUPTIONS TO OWNER'S NORMAL WORK SCHEDULE SHALL NOT BE MADE WITHOUT WRITTEN INSTRUCTION TO DO SO FROM OWNER'S REPRESENTATIVE.
10	FOR EQUIPMENT DEMOLISHED UNDER THIS CONTRACT, THE CONTRACTOR SHALL ALLOW THE OWNER FIRST REFUSAL OF DEMOLISHED EQUIPMENT. IF EQUIPMENT IS REFUSED, THE CONTRACTOR SHALL DISPOSE OF DEMOLISHED EQUIPMENT IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION. IN ADDITION, FOR EQUIPMENT INDICATED TO BE DEMOLISHED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEMOLITION OF ALL ASSOCIATED APPURTENANCES INCLUDING ELECTRICAL CONNECTIONS, CONTROLS CONNECTIONS, ETC.
11	THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED TO COMPLETE THE WORK SHOWN ON THESE DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COMPONENTS NOT INDICATED BUT IMPLIED SHALL BE PROVIDED AND BE PART OF THE CONTRACT. THE CONTRACTOR SHALL GUARANTY ALL LABOR AND EQUIPMENT ASSOCIATED WITH PROJECT FOR A MINIMUM OF 1-YEAR.
12	THE CONTRACTOR SHALL PROVIDE ALL CORES AND SAW CUTS FOR WALLS AND FLOORS AS REQUIRED TO INSTALL PIPING AND SERVICES AS INDICATED ON THESE DOCUMENTS. WHERE BUILDING SERVICES PENETRATE EXTERIOR WALL, SLEEVE AND SEAL WATER AND WEATHER TIGHT. THE CONTRACTOR SHALL MAKE THEMSELVES FAMILIAR WITH THE BUILDING SITE PRIOR TO PROVIDING A BID. EXTRAS FOR NOT FULLY UNDERSTANDING THE EXISTING CONDITIONS OR THIS SET OF DOCUMENTS WILL NOT BE GIVEN.
13	WORK SHALL CONFORM TO THE FLORIDA BUILDING CODE, 2023 AND ANY OTHER APPLICABLE STATE, LOCAL, AND/OR FEDERAL CODES AND LAWS.
14	THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND INSPECTIONS AND IS ALSO RESPONSIBLE FOR ALL ASSOCIATED FEES FOR SAID PERMITS AND INSPECTIONS.
15	SOME PIPING MAY BE LOCATED IN WALLS THAT ARE NOT ACCESSIBLE. THE CONTRACTOR SHALL INCLUDE IN THEIR BIDS, THE CUTTING AND PATCHING OF WALLS TO ACCESS PIPING AS REQUIRED TO MAKE THEM AS INDICATED HEREIN.
16	THE CONTRACTOR IS RESPONSIBLE FOR THE ENTIRE SITE DURING CONSTRUCTION ACTIVITIES. AS SUCH, THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTIONS AS REQUIRED BY LAW OR OWNER REQUIREMENTS. ANY DAMAGE DONE BY THE CONTRACTOR OR SUB OF SAID CONTRACTOR SHALL BE REPAIRED AT NO COST TO THE OWNER. THIS INCLUDES, BUT IS NOT LIMITED TO, ALL BUILDING CONSTRUCTION AND ALL EQUIPMENT LOCATED WITHIN THE BUILDING OR ON SITE PREMISES.
17	WORK SHALL BE CARRIED OUT IN A NEAT WORKMAN LIKE MANNER. ALL CONSTRUCTION DEBRIS SHALL BE CLEANED UP AT THE END OF EVERY WORK DAY AND ALL CONSTRUCTION DUST SHALL BE VACUUMED UP AT THE END OF EVERY WORK DAY.
18	UNLESS NOTED OTHERWISE, ALL MATERIALS, EQUIPMENT, PIPING, FIXTURES, WIRING, CABLING, AND OTHER DEVICES REQUIRED FOR COMPLETION OF PROJECT SHALL BE NEW.
19	IN GENERAL, ITEMS SHOWN ON DRAWINGS LIGHTLY COMPARED TO OTHER COMPONENTS ARE EXISTING. WHERE ITEMS ARE NOT INDICATED EXPLICITLY TO BE DEMOLISHED, IT SHALL BE ASSUMED THAT THEY ARE TO REMAIN.
20	(2) COPIES OF OPERATION AND MAINTENANCE MANUALS FOR MATERIALS AND EQUIPMENT SHALL BE PROVIDED TO THE OWNER AT PROJECT COMPLETION.
21	THE CONTRACTOR AND ALL SUBCONTRACTORS ARE RESPONSIBLE FOR EXAMINING DRAWINGS (ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL, STRUCTURAL AND CIVIL) AND ACTUAL SITE CONDITIONS PRIOR TO SUBMITTING BIDS. EXTRAS WILL NOT BE GIVEN DUE TO FAILURE TO UNDERSTAND ALL CONDITIONS INVOLVED OR DISCREPANCIES BETWEEN ACTUAL DIMENSIONS AND CONDITIONS AND DIMENSIONS AND CONDITIONS INDICATED ON PLANS. WORK SHALL BE MODIFIED AND PROVIDED AS REQUIRED BY FIELD CONDITIONS AND THIS ADDITIONAL WORK SHALL BE CARRIED OUT AT NO COST TO THE OWNER.
22	EQUIPMENT AND FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND STANDARD INDUSTRY PRACTICES. WHERE DISCREPANCIES BETWEEN CONTRACT DRAWINGS AND MANUFACTURER'S REQUIREMENTS ARISE, REQUEST CLARIFICATION FROM ENGINEER.
23	PRIOR TO START-UP, PERFORM MANUFACTURER'S START-UP AND CHECKOUT PROCEDURES AND ATTACH FORMS TO OPERATION AND MAINTENANCE MANUALS.
24	WHERE BUILDING SERVICES ARE DEMOLISHED, PATCH AND PAINT OPENINGS TO MATCH EXISTING CONSTRUCTION AND NEW FINISHES.
25	PROVIDE ACCESS DOORS FOR EQUIPMENT, DAMPERS, ETC. LOCATED ABOVE GYPSUM CEILINGS OR WITHIN WALLS REQUIRING ACCESS. DOOR SIZES SHALL SUIT EQUIPMENT SERVED.
26	TRAP PRIMERS TO BE PROVIDED ON ALL FLOOR DRAINS AND WHERE INDICATED ON FLOOR SINKS.
27	REFER TO MECHANICAL DETAILS AND VENDOR DRAWINGS FOR FURTHER INFORMATION REGARDING INSTALLATION AND CONNECTION OF VENDOR PROVIDED EQUIPMENT. CONTRACTOR SHALL PROVIDE ALL COMPONENTS REQUIRED FOR A FULLY FUNCTIONAL, LEAK FREE INSTALLATION.
28	CONTRACTOR SHALL COORDINATE WITH BUILDING PERSONNEL FOR ANY REQUIRED SHUTDOWN OF THE DOMESTIC WATER SYSTEM AND OBTAIN WRITTEN APPROVAL FROM BUILDING OWNER PRIOR TO SHUTTING DOWN SYSTEM.

REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF FLORIDA
LICENSE NO. 12820
EXPIRES 12/31/2026
ADDRESS: 1940 BUROUD BLVD., TALLAHASSEE, FL 32308
PHONE: 904-402-3040
FAX:

NOT FOR CONSTRUCTION

FL Seal: RICHARD LINDBURG
PE# 62829
WESLEY THIGPEN, JR.
PE# 65705

Hoy + Stark
Architects
Tallahassee Memorial
HealthCare

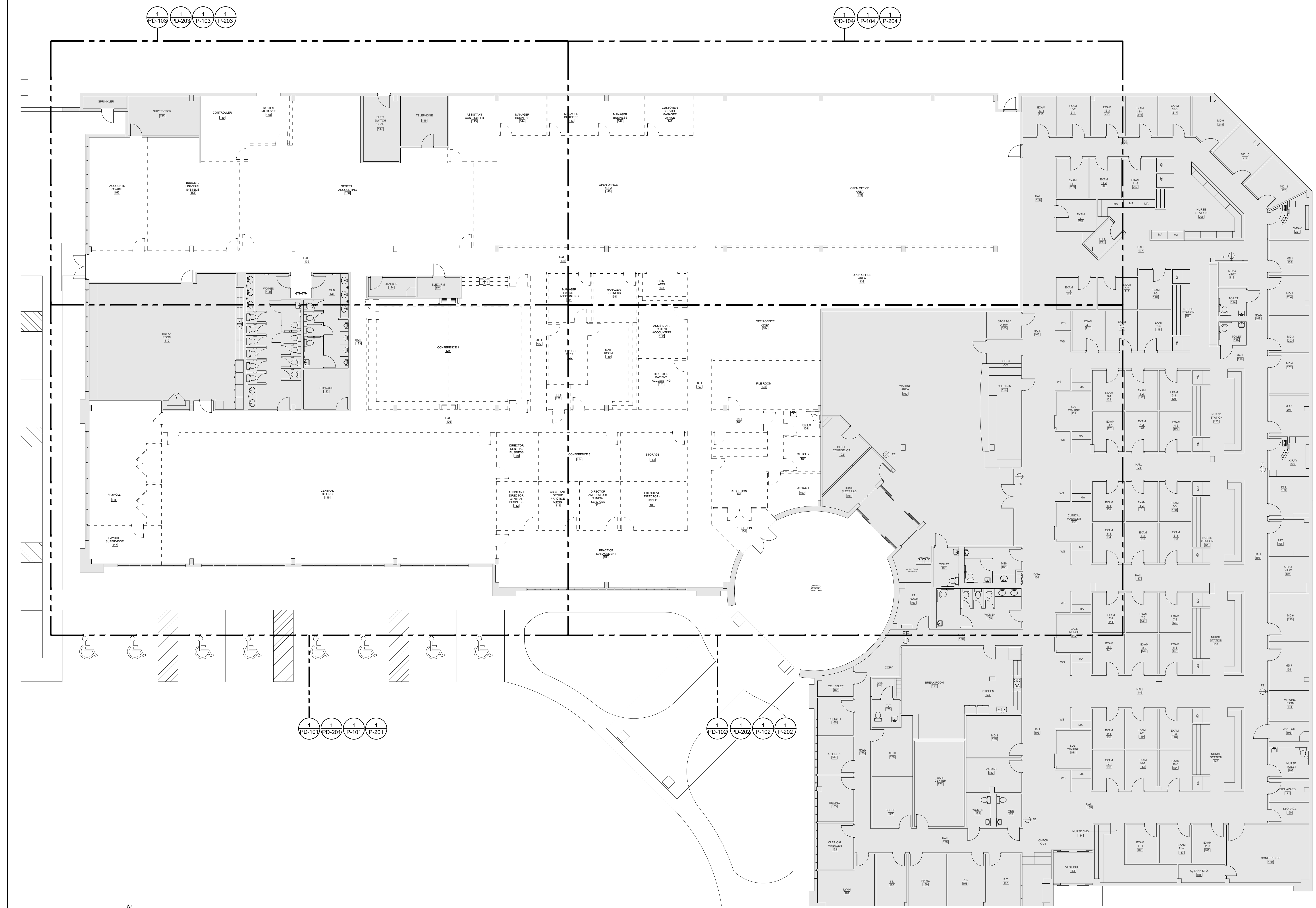
Tallahassee Memorial Healthcare
Outpatient Rehab Relocation
1607 Saint James Court
Tallahassee, FL 32308

This drawing is being released for the purpose of:

100% CONTRACT DOCUMENTS

DWN:	CHECK:	WHT
TKE		
PHASE / REVISION:	DATE:	100% CONTRACT DOCUMENTS
04/03/26	100% OWNER REVIEW	
04/24/26	100% CONTRACT DOCUMENTS	
SHEET NAME: OVERALL FLOOR PLAN - PLUMBING		
SHEET NUMBER: P-100		

TOMAHAWK ENGINEERING PROJECT # 25029

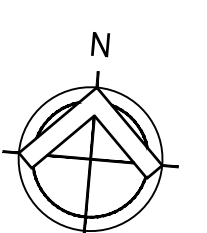


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1 PD-202
1 P-103
1 P-203

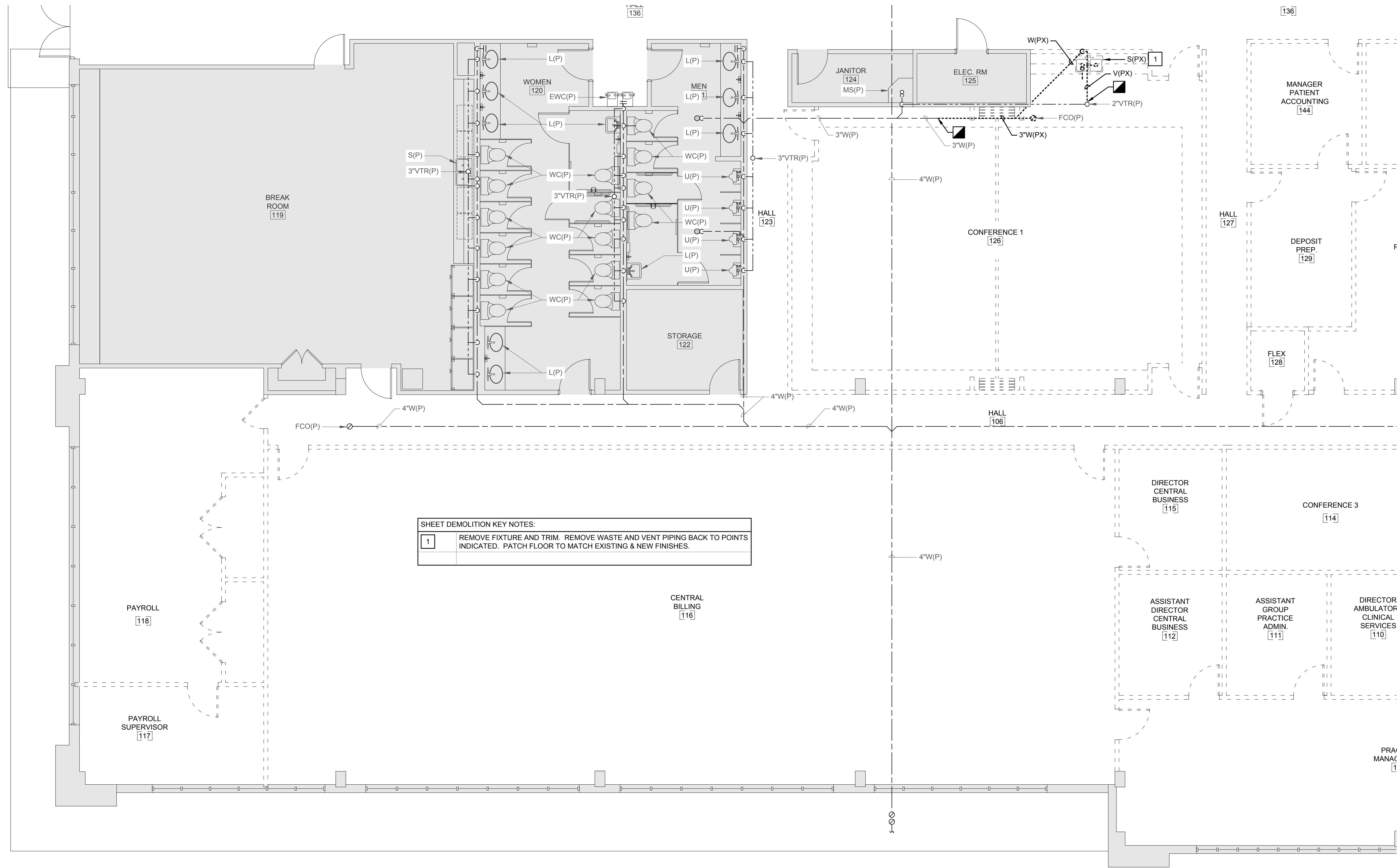
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1 P-104
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1 PD-101
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1 P-202

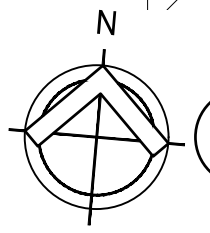


1 Overall Floor Plan - Plumbing
SCALE: 3/32" = 1'-0"



SHEET DEMOLITION KEY NOTES:

1	REMOVE FIXTURE AND TRIM. REMOVE WASTE AND VENT PIPING BACK TO POINTS INDICATED. PATCH FLOOR TO MATCH EXISTING & NEW FINISHES.
---	---



1 Partial Floor Plan - Demolition - Gravity Plumbing
SCALE: 3/16" = 1'-0"

NOT FOR CONSTRUCTION

REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF FLORIDA
RICHARD LINDBURG
PE# 62829
WESLEY THIGPEN, JR.
PE# 65705
FL Seal:

Hoy + Stark
Architects
Tallahassee Memorial
HealthCare

Tallahassee Memorial Healthcare
Outpatient Rehab Relocation
1607 Saint James Court
Tallahassee, FL 32308

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REV #	DATE	PHASE / REVISION	DWN	CHECK
04/03/26		100% OWNER REVIEW	TKE	WHT
04/24/26		100% CONTRACT DOCUMENTS		

SHEET NAME:
PARTIAL FLOOR PLAN - DEMOLITION - GRAVITY PLUMBING

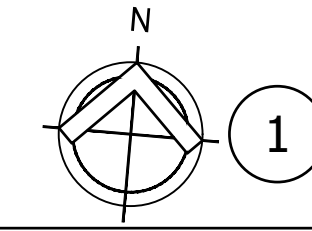
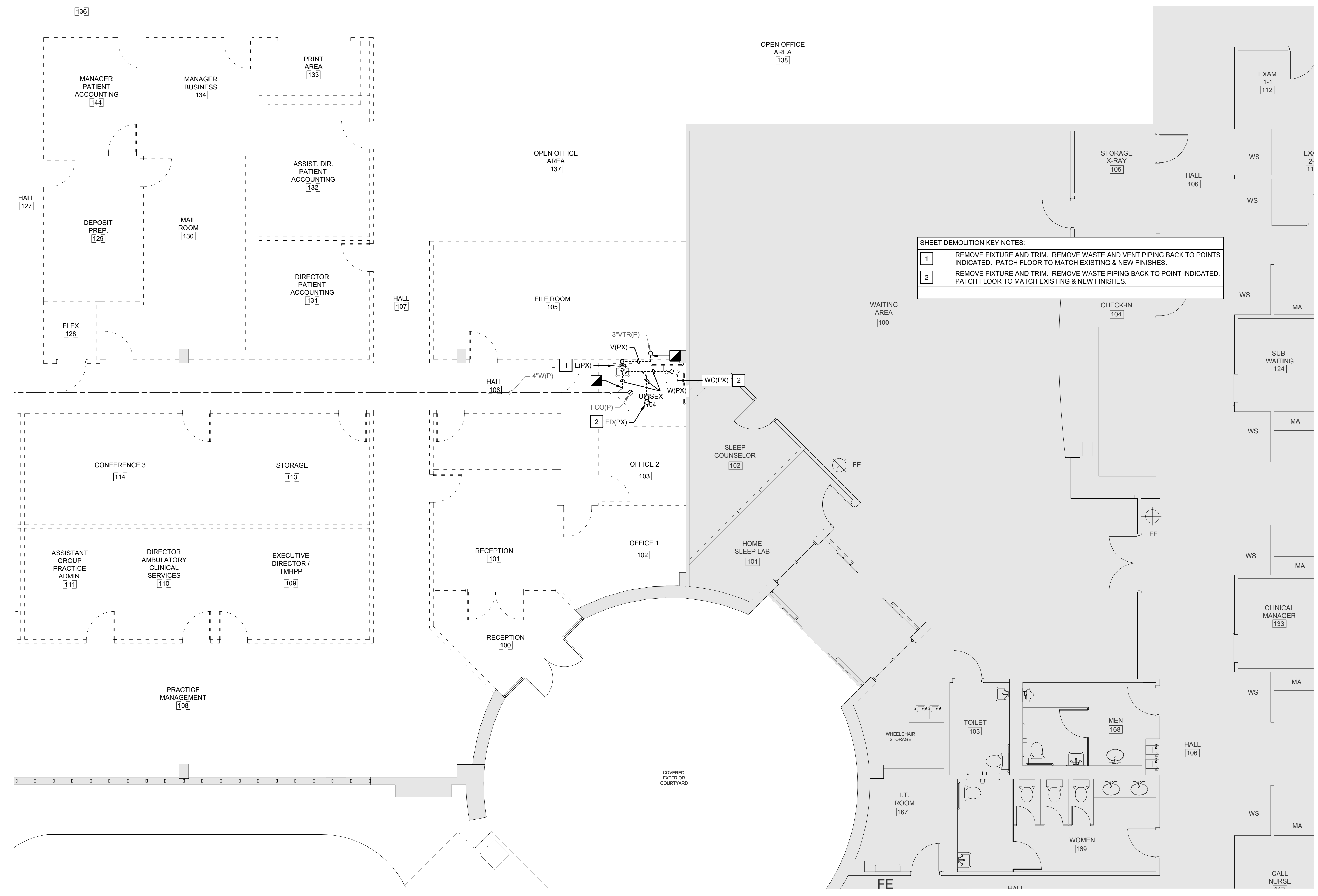
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TOMAHAWK ENGINEERING PROJECT # 25029

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SHEET NAME:
PARTIAL FLOOR PLAN -
DEMILITION - GRAVITY
PLUMBING

SHEET NUMBER:
PD-102



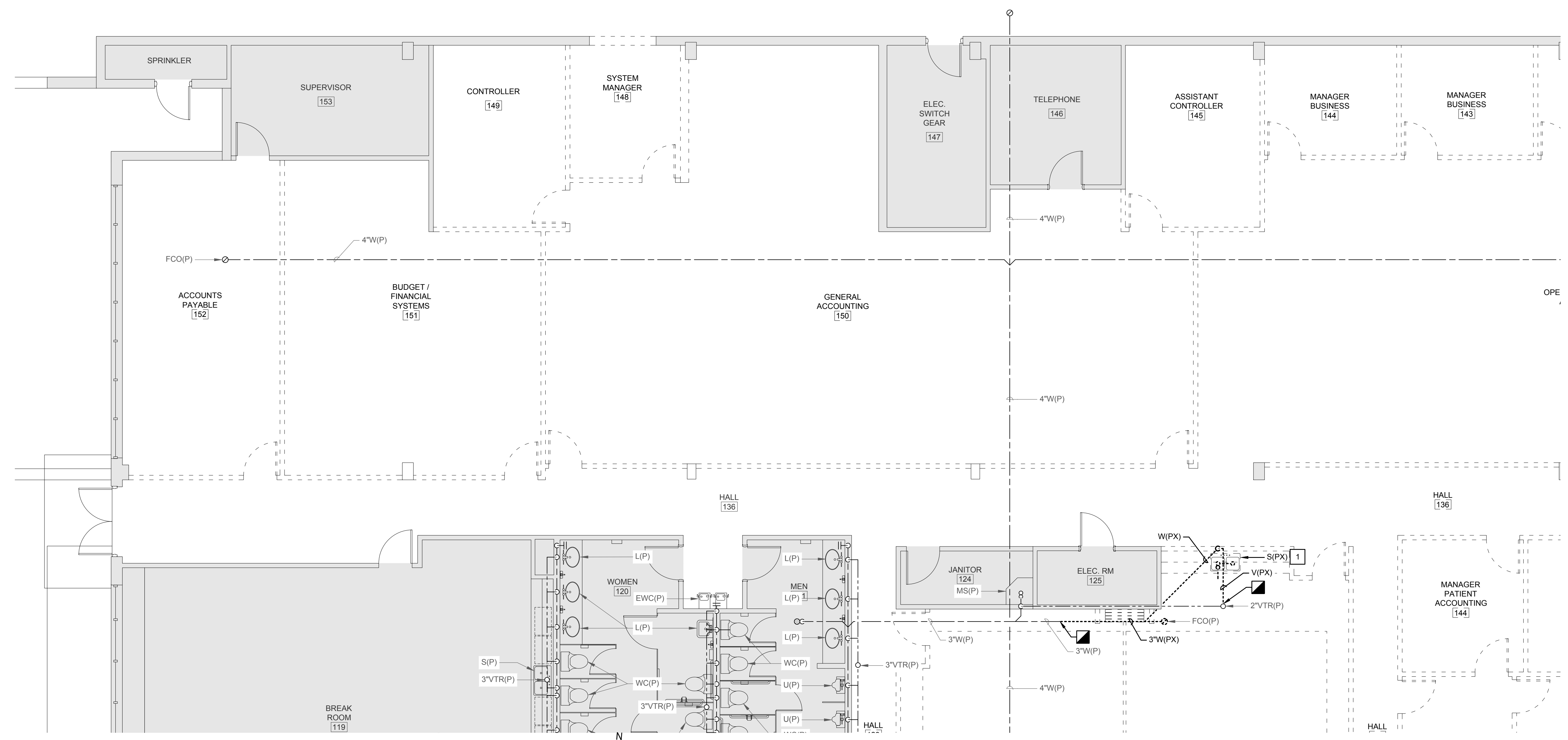
1 Partial Floor Plan - Demilition - Gravity Plumbing
SCALE: 3/16" = 1'-0"

REV #	DATE	PHASE / REVISION
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04/24/26	100% CONTRACT DOCUMENTS	

DWN	CHECK
TKE	WHT

SHEET DEMOLITION KEY NOTES:

1	REMOVE FIXTURE AND TRIM. REMOVE WASTE AND VENT PIPING BACK TO POINTS INDICATED. PATCH FLOOR TO MATCH EXISTING & NEW FINISHES.
---	---



1 Partial Floor Plan - Demolition - Gravity Plumbing
SCALE: 3/16" = 1'-0"

TOMAHAWK ENGINEERING PROJECT # 25029

NOT FOR CONSTRUCTION

REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF FLORIDA
EXPIRES 12/31/2025
RICHARD LINDBURG
PE# 62829
WESLEY THIGPEN, JR.
PE# 65705

Hoy + Stark
Architects
Tallahassee Memorial
HealthCare

Tallahassee Memorial Healthcare
Outpatient Rehab Relocation
1607 Saint James Court
Tallahassee, FL 32308

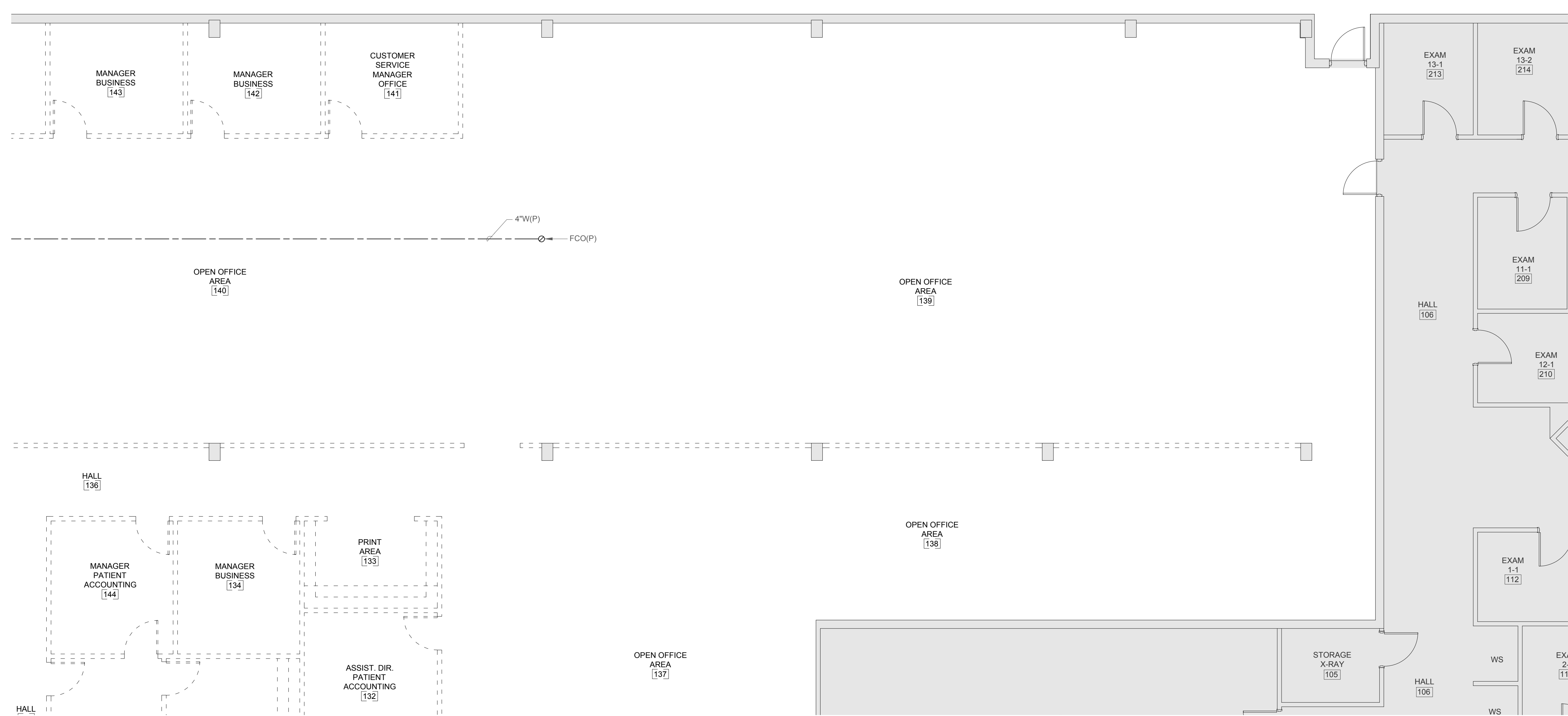
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04/24/26	100% CONTRACT DOCUMENTS			

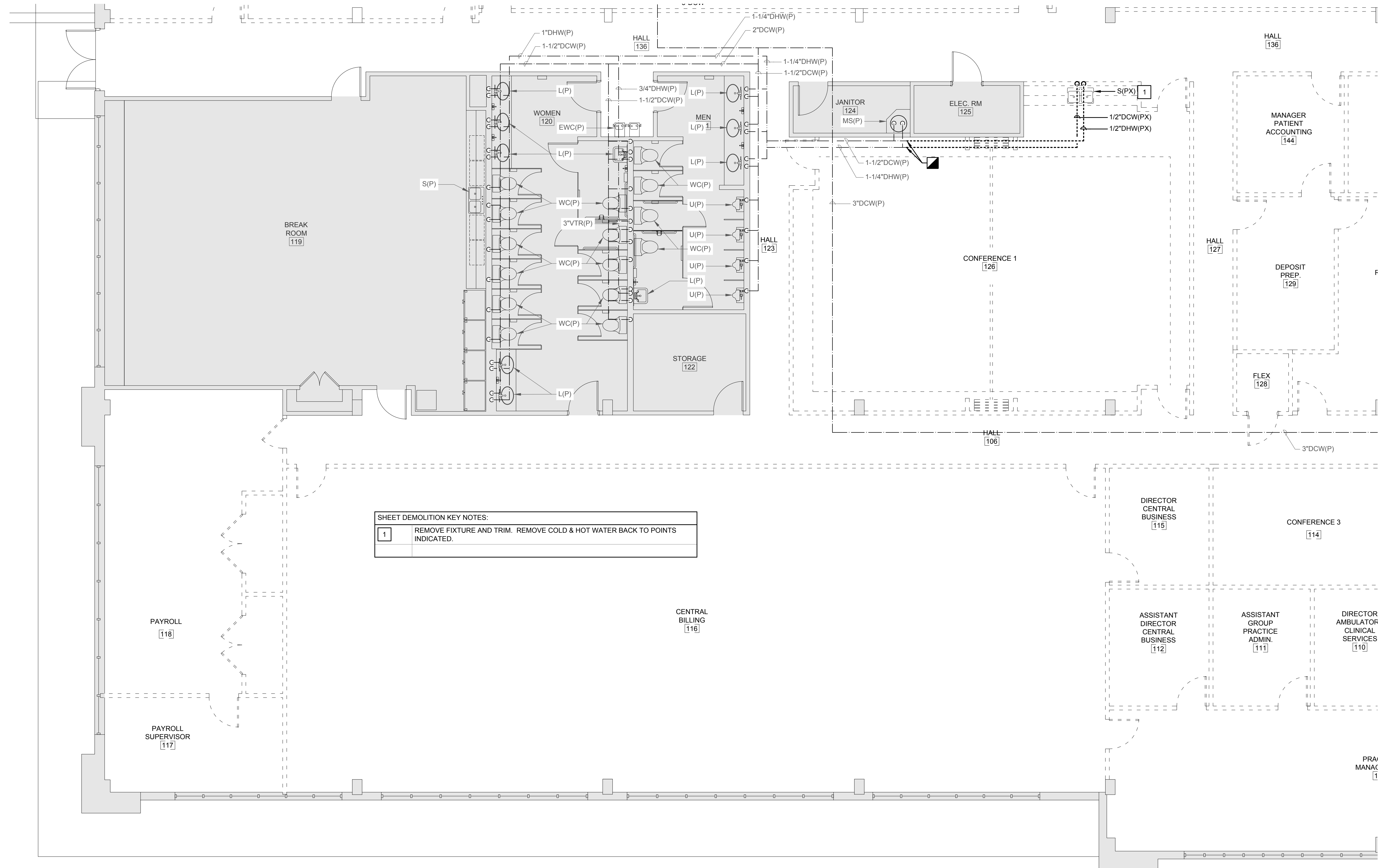
SHEET NAME:
PARTIAL FLOOR PLAN - DEMILITION - GRAVITY PLUMBING

SHEET NUMBER:
PD-104

TOMAHAWK ENGINEERING PROJECT # 25029

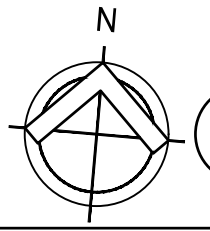


1 Partial Floor Plan - Demolition - Gravity Plumbing
SCALE: 3/16" = 1'-0"



SHEET DEMOLITION KEY NOTES:

1	REMOVE FIXTURE AND TRIM. REMOVE COLD & HOT WATER BACK TO POINTS INDICATED.
---	--



1

Partial Floor Plan - Demilition - Pressure Plumbing
SCALE: 3/16" = 1'-0"

NOT FOR CONSTRUCTION

FL Seal: RICHARD LINDBURG
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WESLEY THIGPEN, JR.
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Hoy + Stark
Architects
Tallahassee Memorial
HealthCare

Tallahassee Memorial Healthcare
Outpatient Rehab Relocation
1607 Saint James Court
Tallahassee, FL 32308

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04/03/26	100% OWNER REVIEW	TKE	WHT	
04/24/26	100% CONTRACT DOCUMENTS			

SHEET NAME:
PARTIAL FLOOR PLAN - DEMILITION - PRESSURE PLUMBING

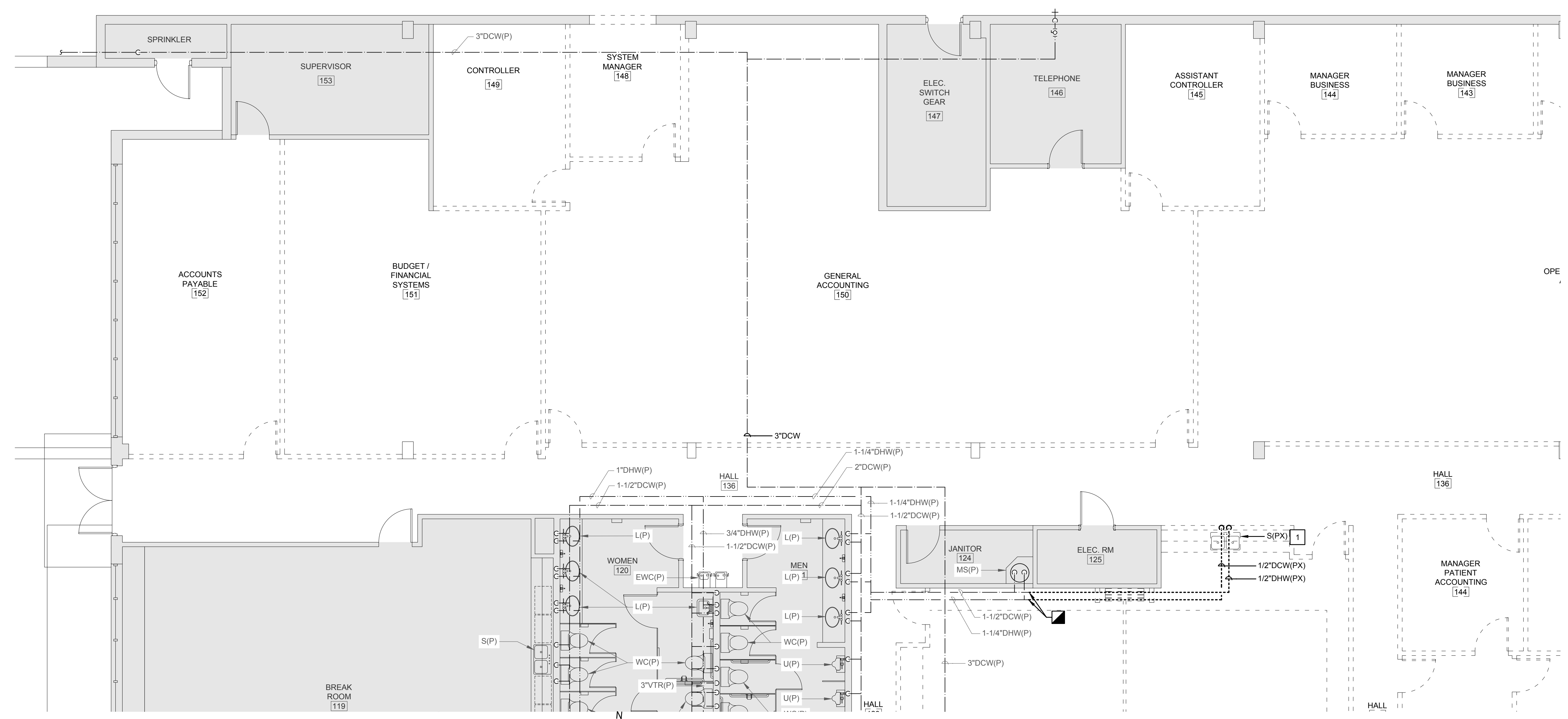
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TOMAHAWK ENGINEERING PROJECT # 25029

REV #	DATE	PHASE / REVISION	DWN	CHECK
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04/24/26		100% CONTRACT DOCUMENTS		

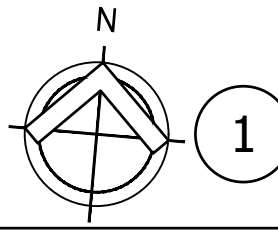
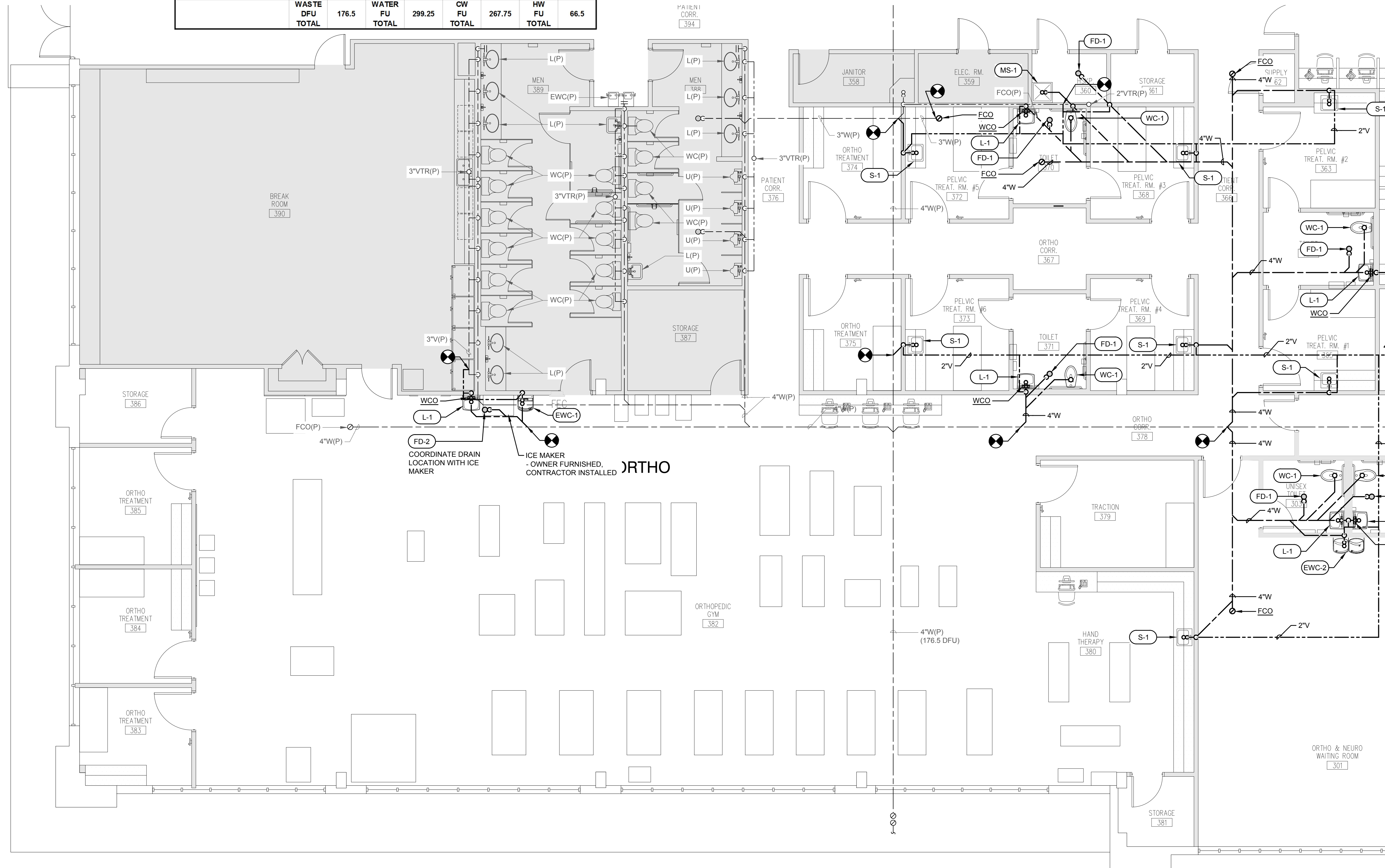
SHEET DEMOLITION KEY NOTES:

1	REMOVE FIXTURE AND TRIM. REMOVE COLD & HOT WATER BACK TO POINTS INDICATED.
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1 Partial Floor Plan - Demolition - Pressure Plumbing
SCALE: 3/16" = 1'-0"

DRAINAGE & WATER FIXTURE UNIT CALCULATION FOR REMODELED PORTION OF BUILDING									
PROJECT NAME		TMH Outpatient Rehab Relocation							
PROJECT NUMBER		25029							
PROJECT LOCATION		1607 Saint James Court, Tallahassee FL 32308							
ARCHITECT		Hoy Stark Architects							
DATE		4/3/2026							
PREPARED BY		TKE							
FIX. TYPE	QUANTITY	WASTE DFU PER FIXTURE	WASTE DFU PER TYPE	WATER FU PER FIXTURE	WATER FU PER TYPE	CW FU PER FIXTURE	CW FU PER TYPE	HW FU PER FIXTURE	HW FU PER TYPE
WC-FLUSH VALVE	15	4	60	10	150	10	150	0	0
BATHROOM GRP	10	5	50	8	80	6	60	3	30
LAV	12	1	12	2	24	1.5	18	1.5	18
EWC	5	0.5	2.5	0.25	1.25	0.25	1.25	0	0
SK-1 FAUC	10	2	20	1.4	14	1	10	1	10
SK-2 FAUC	1	4	4	4	4	4	4	4	4
FLOOR DRAIN	1	2	2	0	0	0	0	0	0
MOB BASIN	2	5	10	3	6	2.25	4.5	2.25	4.5
URINAL	4	4	16	5	20	5	20	0	0
		WASTE DFU TOTAL	176.5	WATER FU TOTAL	299.25	CW FU TOTAL	267.75	HW FU TOTAL	66.5



1 Partial Floor Plan - Renovation - Gravity Plumbing
SCALE: 3/16" = 1'-0"

NOT FOR CONSTRUCTION

FL Seal: RICHARD LINDBURG
PE# 62829
WESLEY THIGPEN, JR.
PE# 65705

Hoy + Stark
Architects
Tallahassee Memorial
HealthCare

Tallahassee Memorial Healthcare
Outpatient Rehab Relocation
1607 Saint James Court
Tallahassee, FL 32308

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REV #	DATE	PHASE / REVISION	DWN	CHECK
04/03/26	100% OWNER REVIEW	TKE	WHT	
04/24/26	100% CONTRACT DOCUMENTS			

SHEET NAME:
PARTIAL FLOOR PLAN - RENOVATION - GRAVITY PLUMBING

SHEET NUMBER:
P-101

TOMAHAWK ENGINEERING PROJECT # 25029

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FL Seal: RICHARD LINDBURG
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WESLEY THIGPEN, JR.
PE# 65705

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Outpatient Rehab Relocation
1607 Saint James Court
Tallahassee, FL 32308

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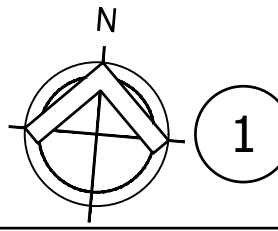
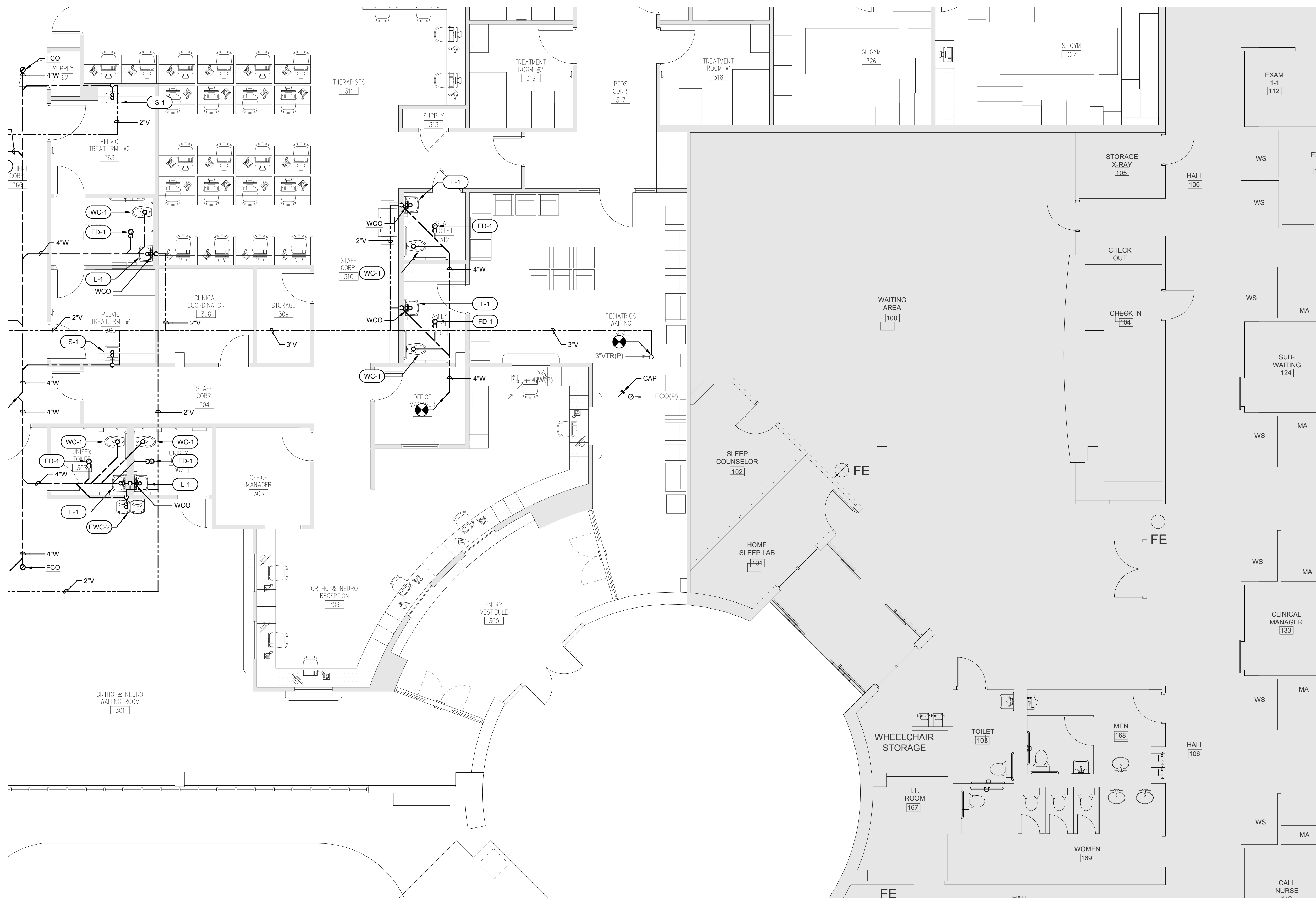
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REV #	DATE	PHASE / REVISION	DWN	CHECK
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04/24/26		100% CONTRACT DOCUMENTS		

SHEET NAME:
PARTIAL FLOOR PLAN - RENOVATION - GRAVITY PLUMBING

SHEET NUMBER:
P-102

TOMAHAWK ENGINEERING PROJECT # 25029



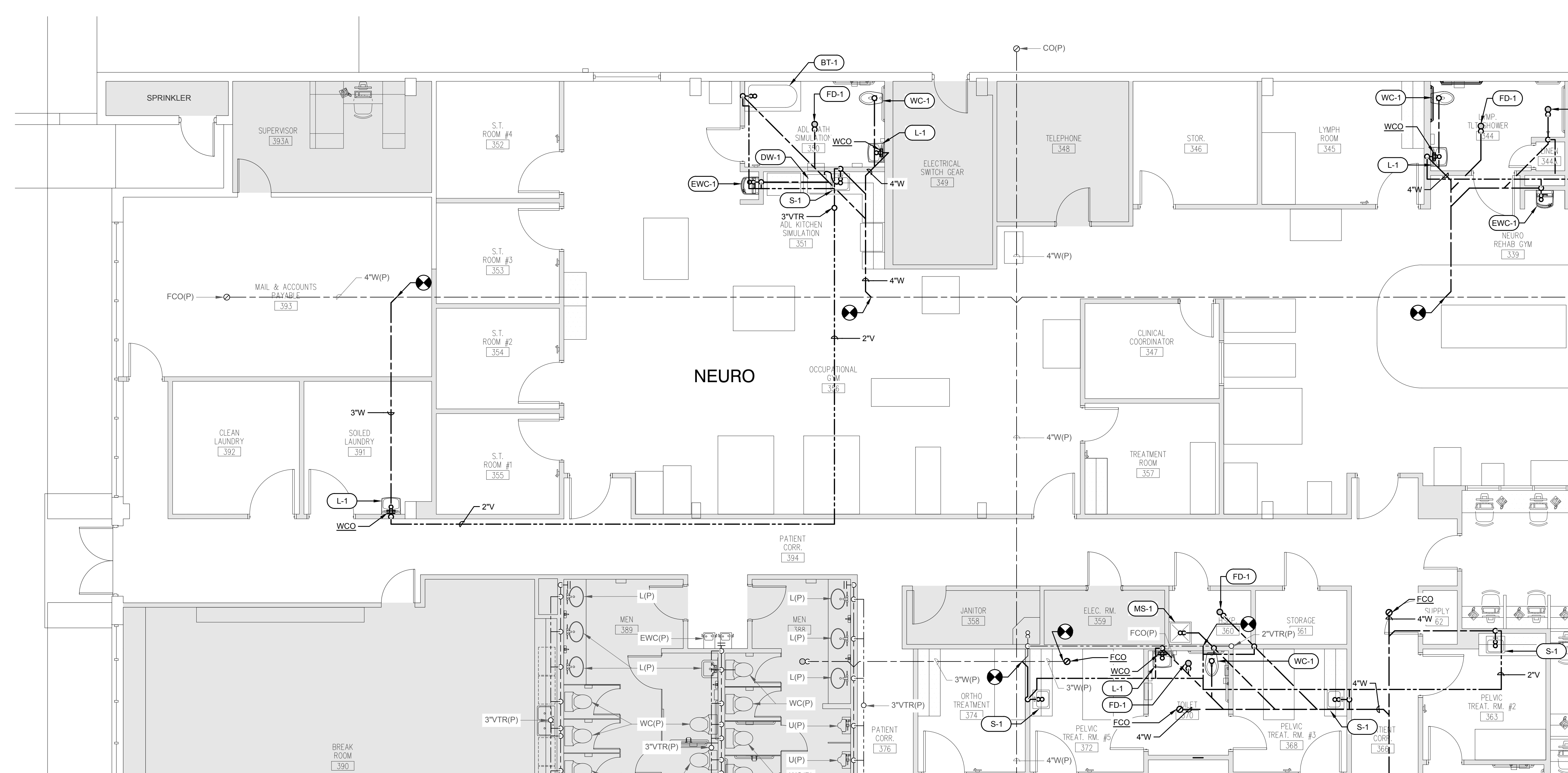
1 Partial Floor Plan - Renovation - Gravity Plumbing
SCALE: 3/16" = 1'-0"

REV #	DATE	PHASE / REVISION
04/03/26		100% OWNER REVIEW
04/24/26		100% CONTRACT DOCUMENTS

DWN	CHECK	TKE	WHT

SHEET NAME:
PARTIAL FLOOR PLAN - RENOVATION - GRAVITY PLUMBING

SHEET NUMBER:
P-103

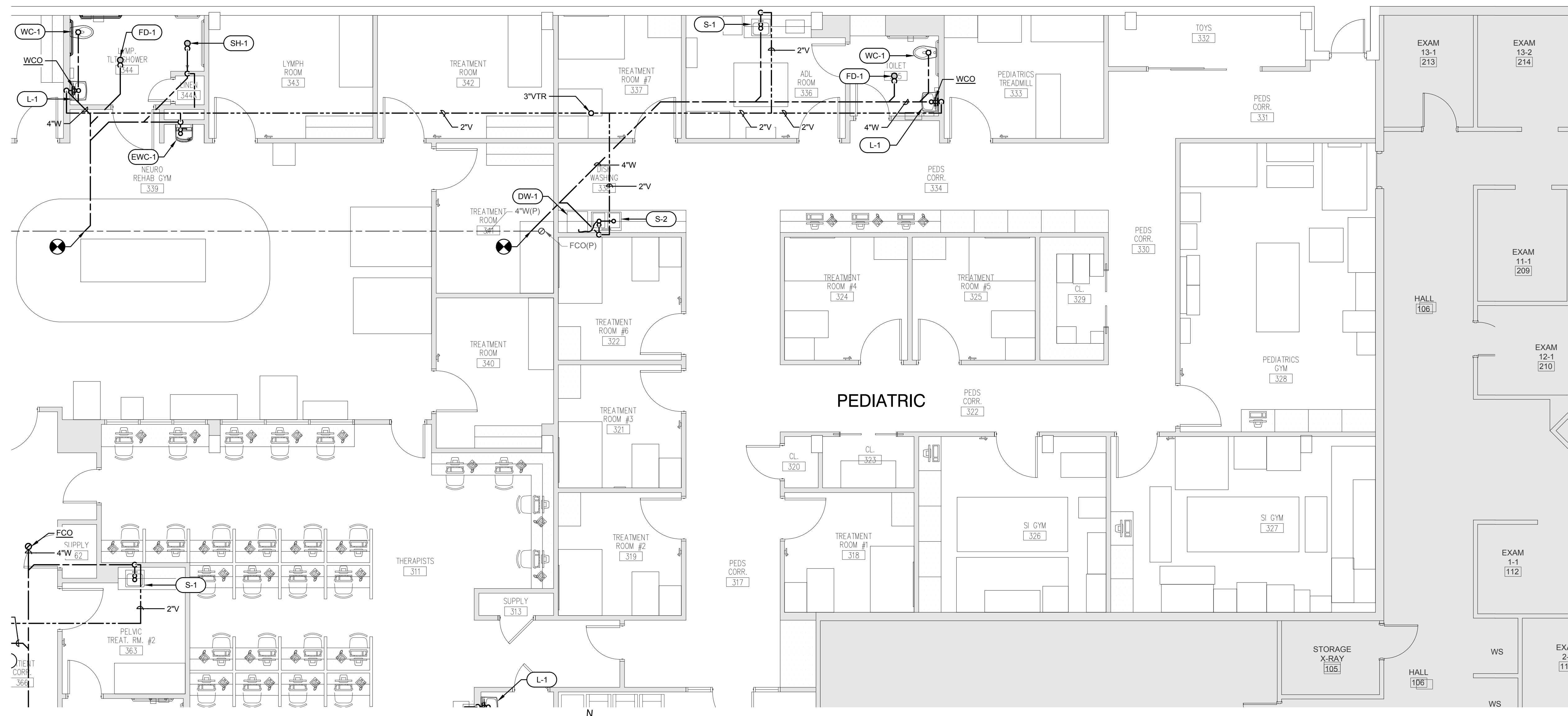


1 Partial Floor Plan - Renovation - Gravity Plumbing
SCALE: 3/16" = 1'-0"

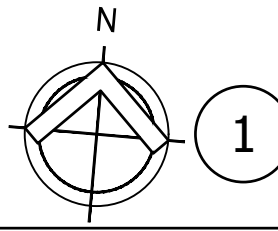
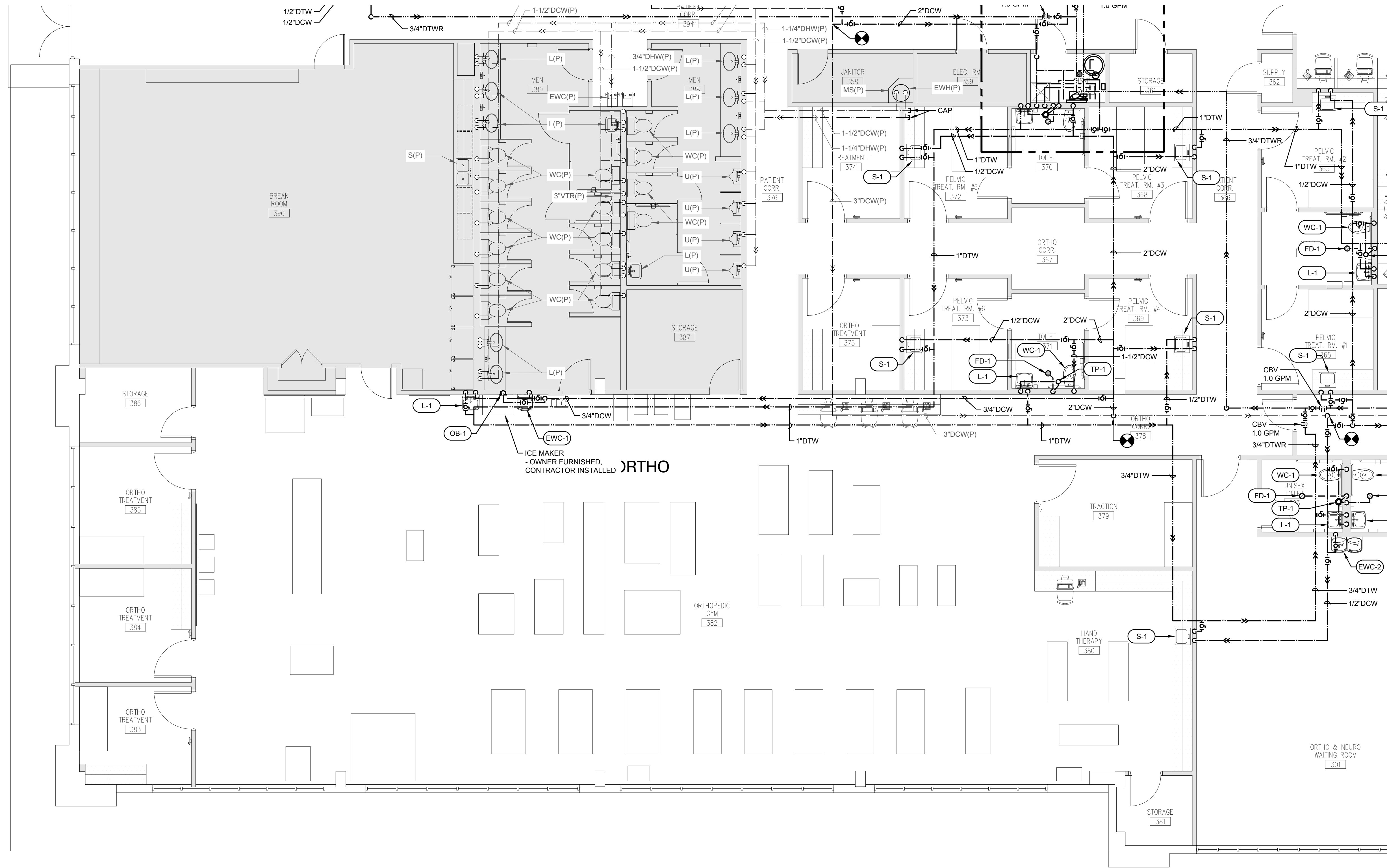
TOMAHAWK ENGINEERING PROJECT # 25029

REV #	DATE	PHASE / REVISION	DWN	CHECK
04/03/26		100% OWNER REVIEW	TKE	WHT
04/24/26		100% CONTRACT DOCUMENTS		

TOMAHAWK ENGINEERING PROJECT # 25029



1 Partial Floor Plan - Renovation - Gravity Plumbing
SCALE: 3/16" = 1'-0"



1 Partial Floor Plan - Renovation - Pressure Plumbing
SCALE: 3/16" = 1'-0"

NOT FOR CONSTRUCTION

FL Seal: RICHARD LINDBURG
PE# 62829
WESLEY THIGPEN, JR.
PE# 65705

Hoy + Stark
Architects
Tallahassee Memorial
HealthCare

Tallahassee Memorial Healthcare
Outpatient Rehab Relocation
1607 Saint James Court
Tallahassee, FL 32308

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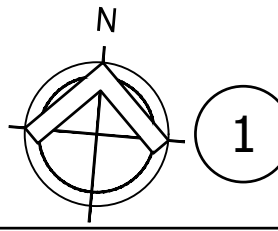
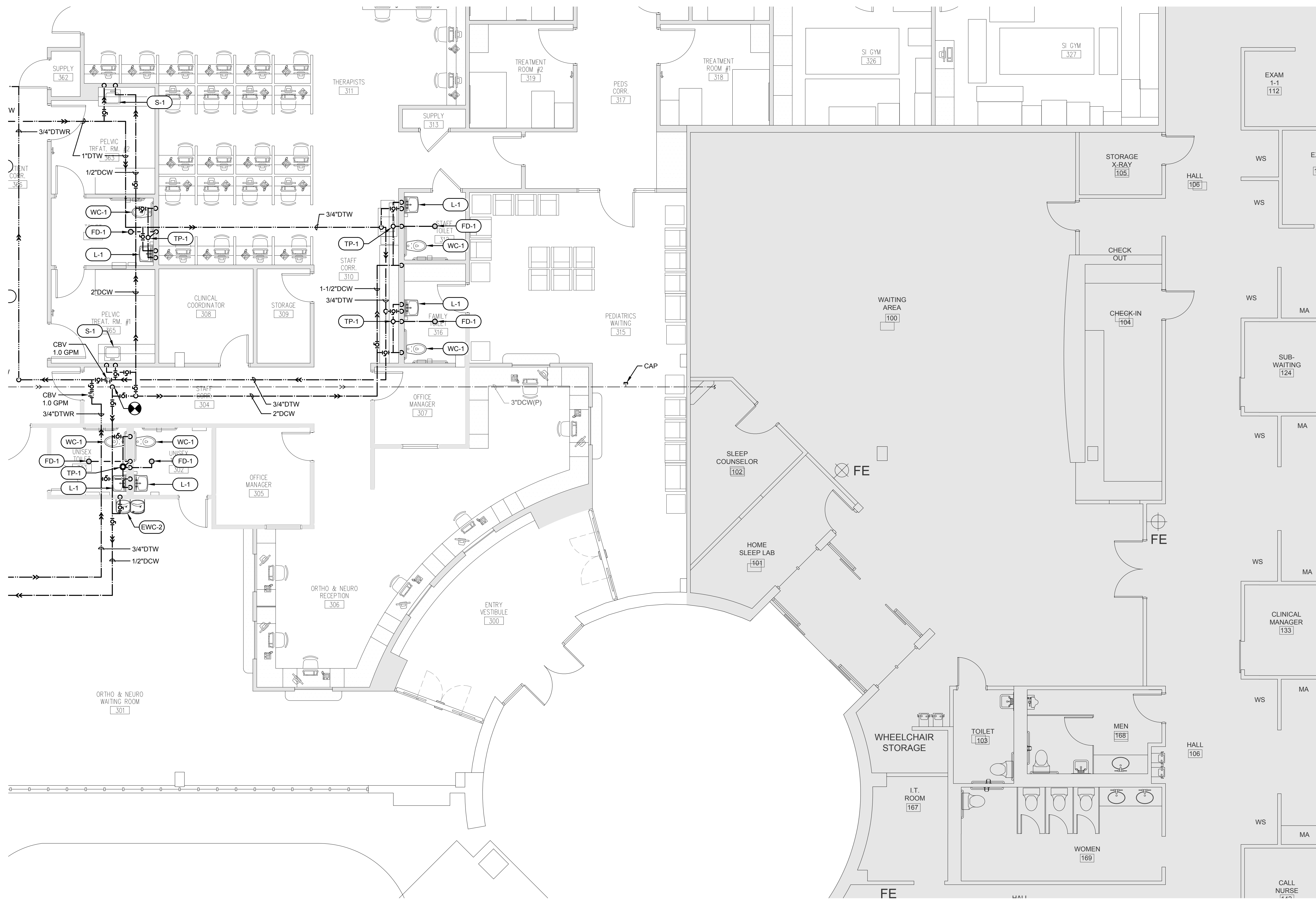
100% CONTRACT DOCUMENTS

REV #	DATE	PHASE / REVISION	DWN	CHECK
04/03/26		100% OWNER REVIEW	TKE	WHT
04/24/26		100% CONTRACT DOCUMENTS		

SHEET NAME:
PARTIAL FLOOR PLAN - RENOVATION - PRESSURE PLUMBING

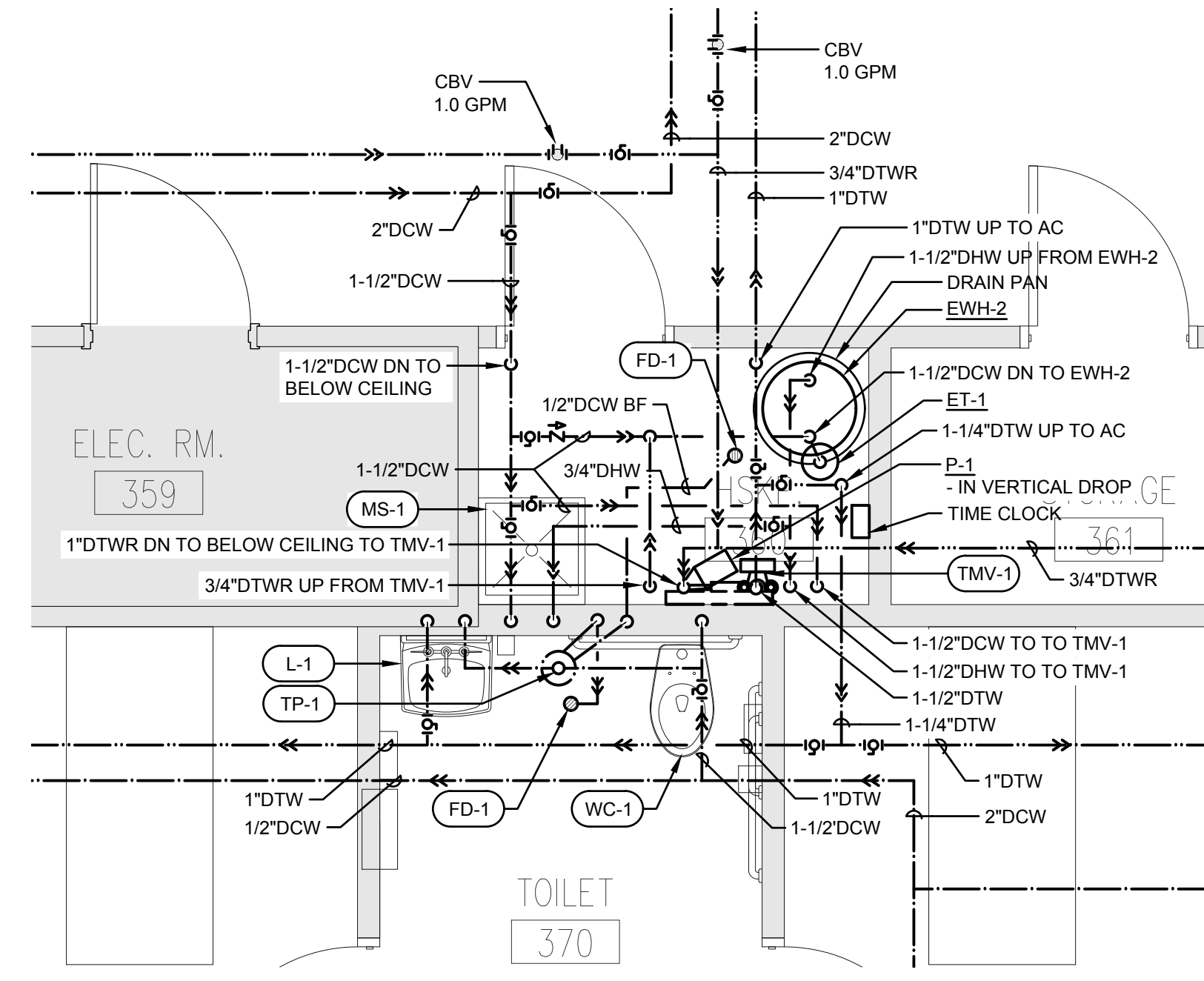
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P-201

TOMAHAWK ENGINEERING PROJECT # 25029

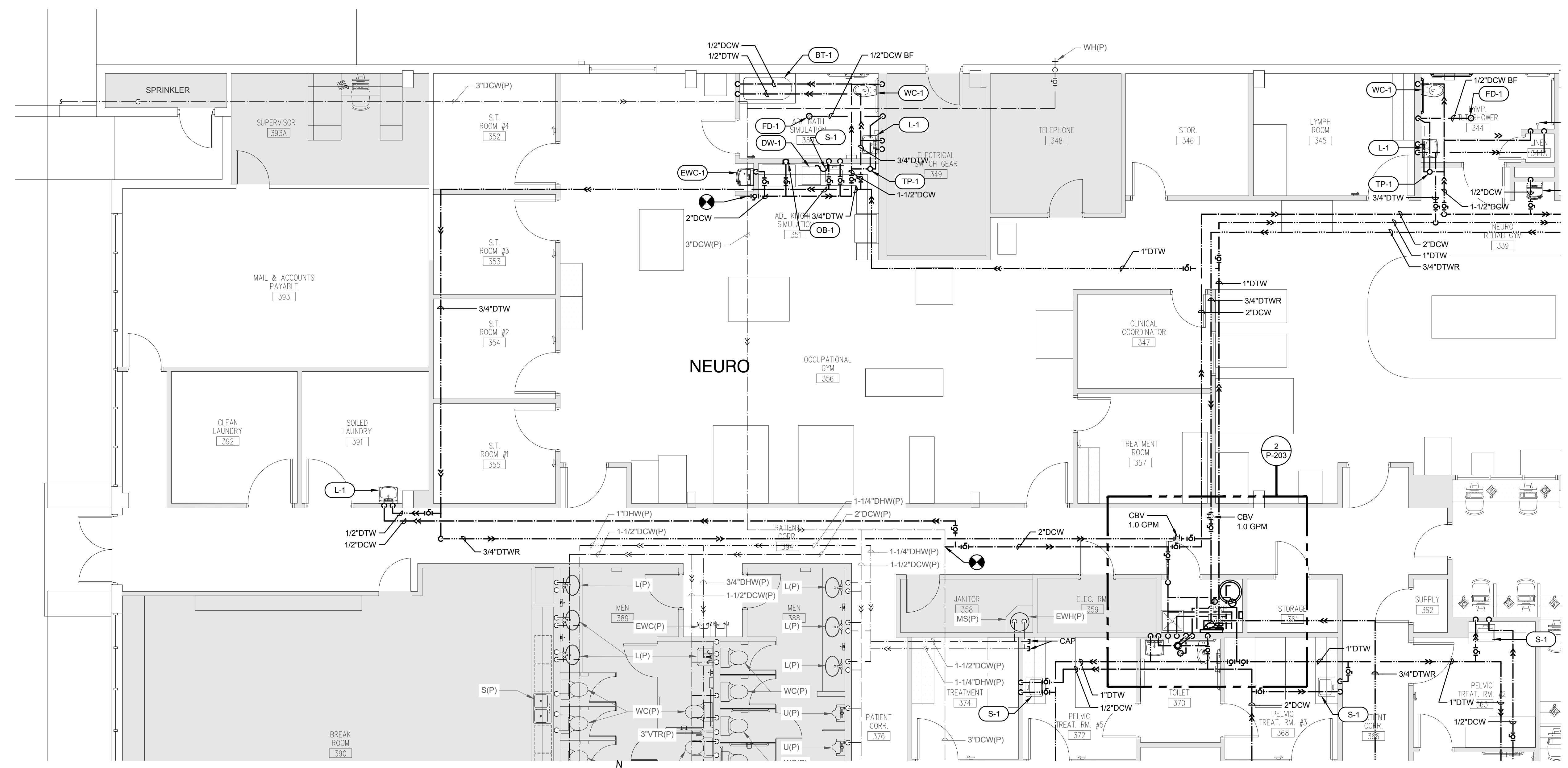


1 Partial Floor Plan - Renovation - Pressure Plumbing
SCALE: 3/16" = 1'-0"

TOMAHAWK ENGINEERING PROJECT # 25029



2 Enlarged Floor Plan - Renovation - Pressure Plumbing
 SCALE: 3/8" = 1'-0"



1 Partial Floor Plan - Renovation - Pressure Plumbing
 SCALE: 3/16" = 1'-0"

NOT FOR CONSTRUCTION

REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF FLORIDA
 RICHARD LINDBURG
 PE# 62829
 WESLEY THIGPEN, JR.
 PE# 65705

Hoy + Stark
 Architects
 Tallahassee Memorial
 HealthCare

Tallahassee Memorial Healthcare
 Outpatient Rehab Relocation
 1607 Saint James Court
 Tallahassee, FL 32308

This drawing is being released for the purpose of:
100% CONTRACT DOCUMENTS

REV #	DATE	PHASE / REVISION	DWN	CHECK
04/03/26		100% OWNER REVIEW	TKE	WHT
04/24/26		100% CONTRACT DOCUMENTS		

SHEET NAME:
 PARTIAL FLOOR PLAN - RENOVATION - PRESSURE PLUMBING
 SHEET NUMBER:
P-203

TOMAHAWK ENGINEERING PROJECT # 25029

NOT FOR
CONSTRUCTION

REGISTERED PROFESSIONAL
ENGINEER IN THE STATE OF FLORIDA
EXPIRES 12/31/2025
PROJECT NO. 25029
DATE: 04/24/26
SCALE: AS SHOWN
SHEET NO. P-204

FL Seal:
RICHARD LINDBURG
PE# 62829
WESLEY THIGPEN, JR.
PE# 65709

Hoy + Stark
Architects
Tallahassee Memorial
HealthCare

Tallahassee Memorial Healthcare
Outpatient Rehab Relocation
1607 Saint James Court
Tallahassee, FL 32308

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released for the purpose of:
**100% CONTRACT
DOCUMENTS**

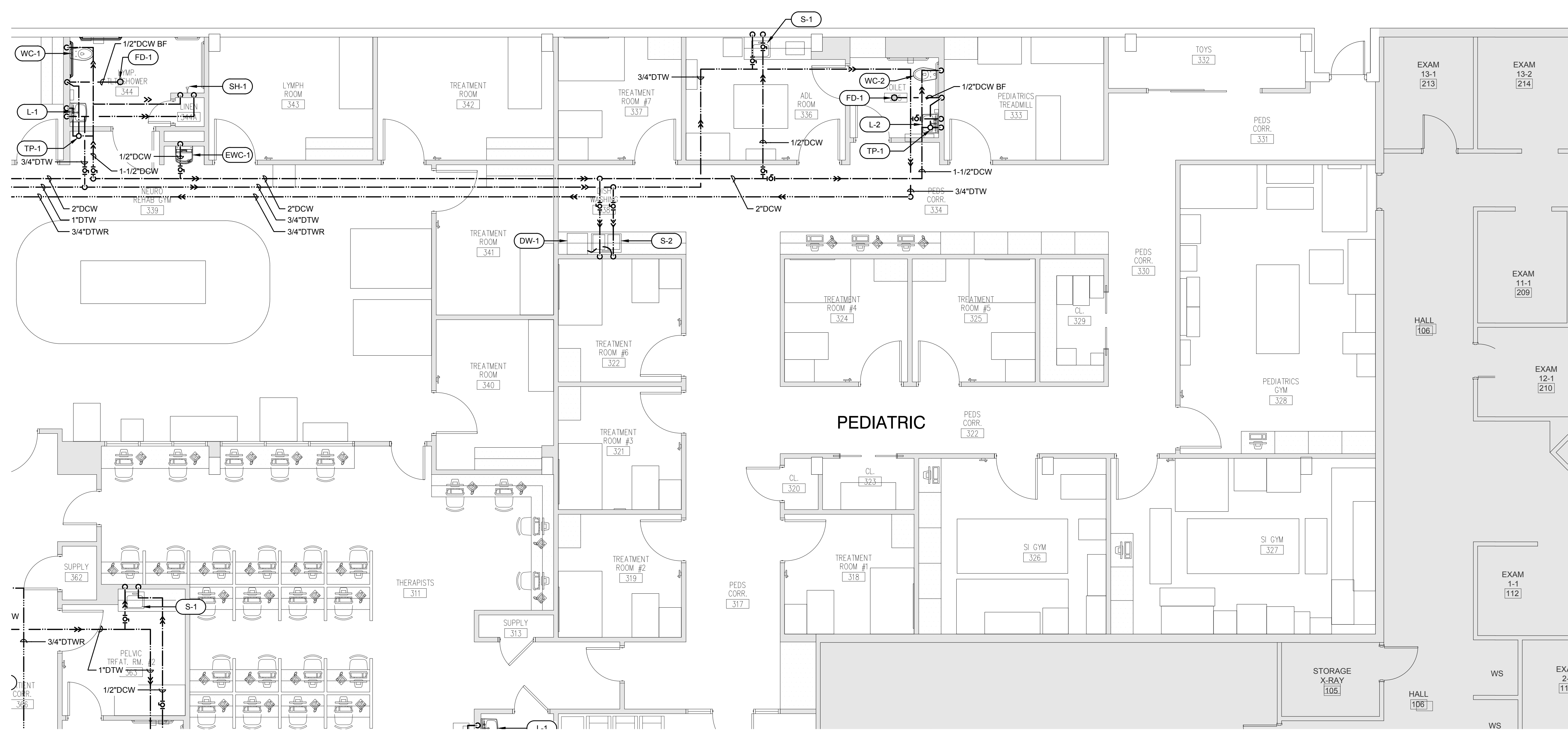
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04/24/26	100% CONTRACT DOCUMENTS	

DWN	CHECK	DATE
TKE	WHT	

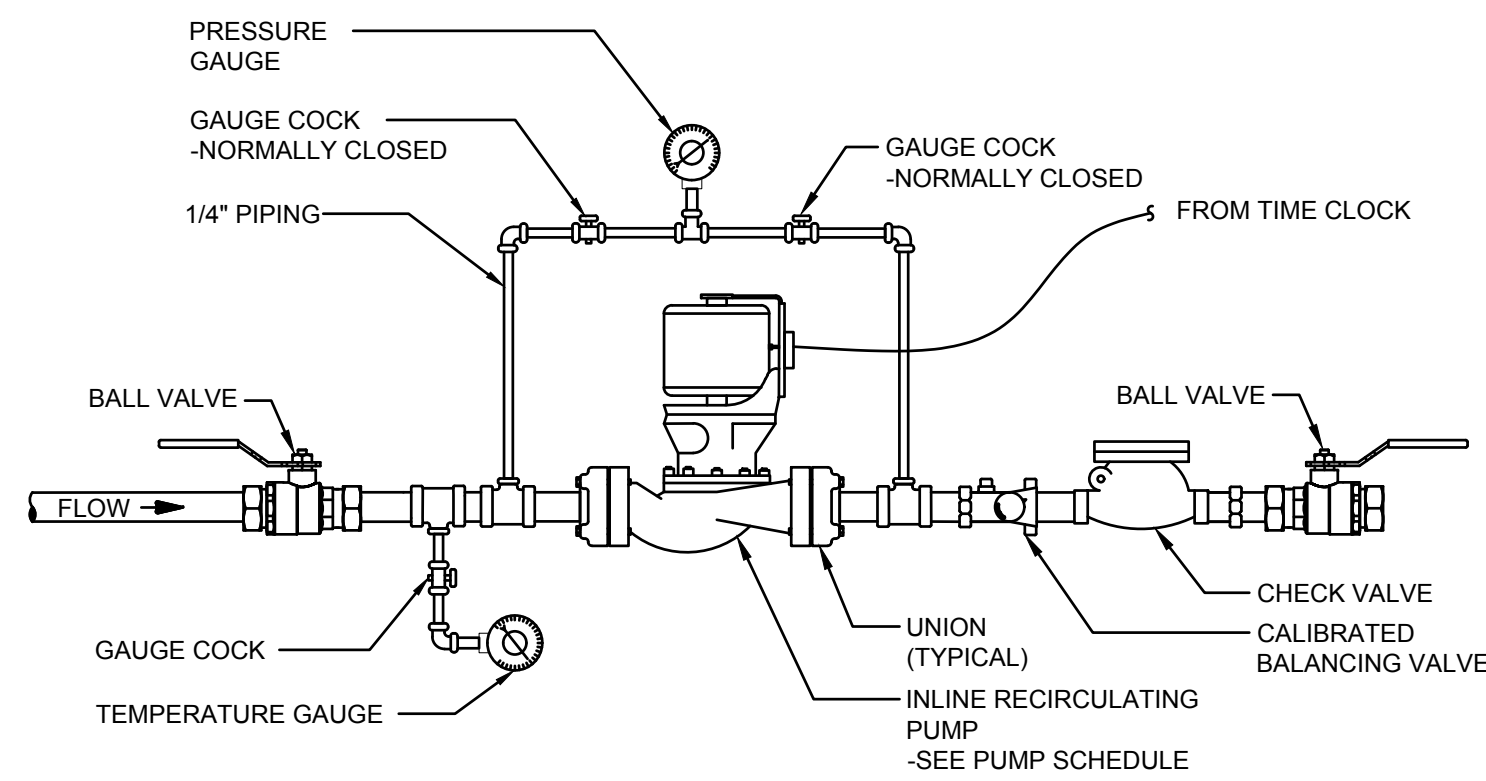
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PARTIAL FLOOR PLAN -
RENOVATION -
PRESSURE PLUMBING

SHEET NUMBER:
P-204

TOMAHAWK ENGINEERING PROJECT # 25029

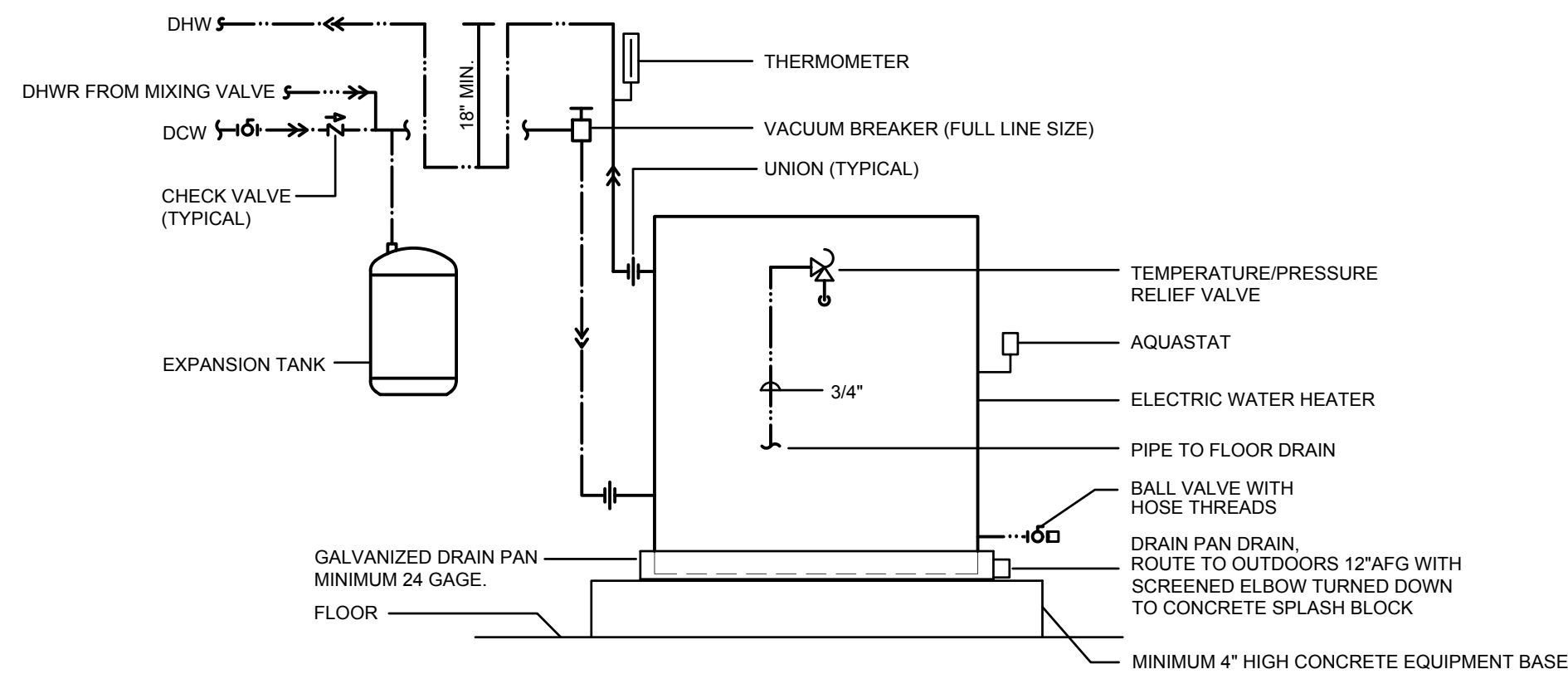


1 Partial Floor Plan - Renovation - Pressure Plumbing
SCALE: 3/16" = 1'-0"



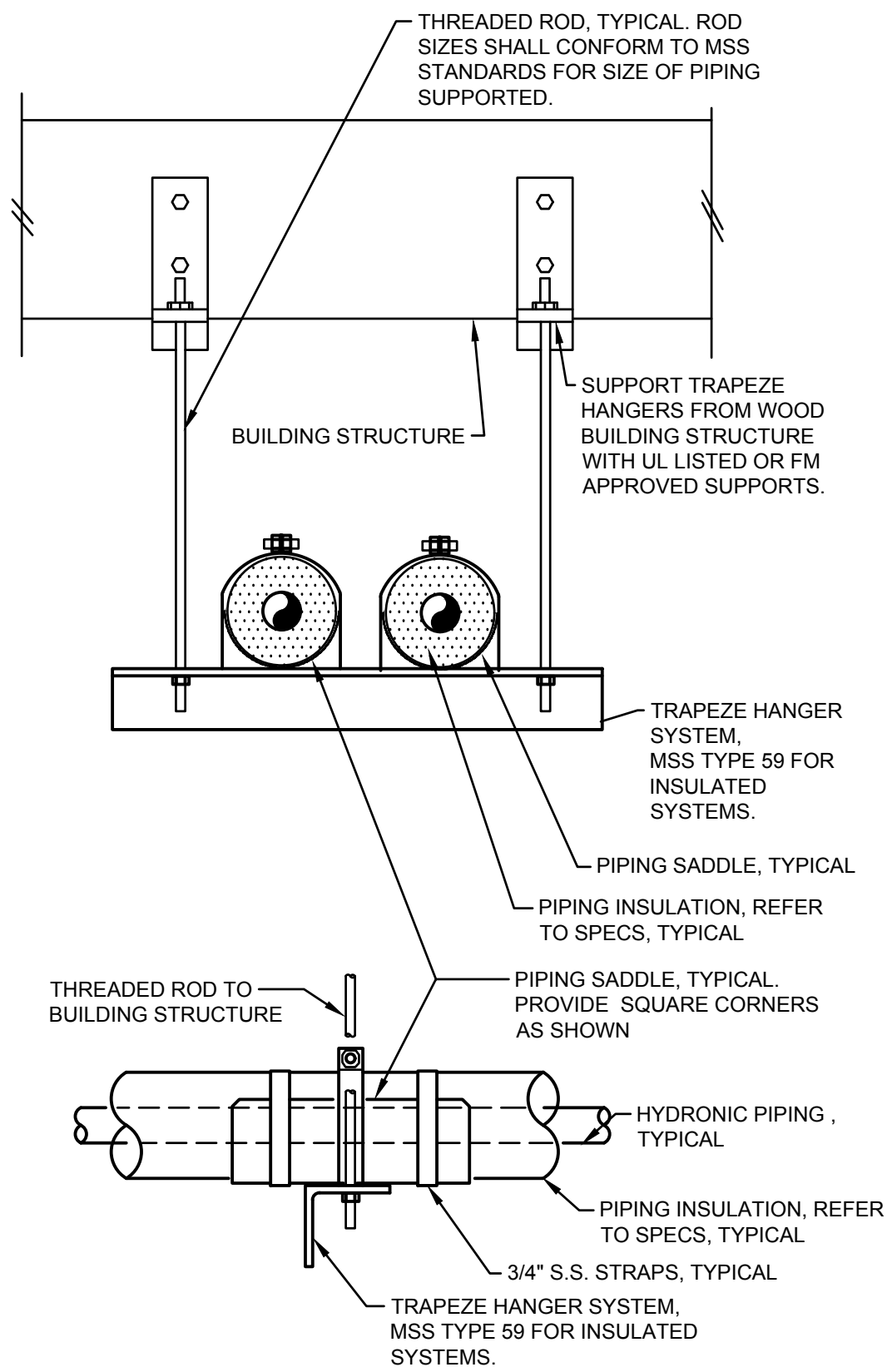
5 DOMESTIC HOT WATER RECIRCULATION PUMP DETAIL

SCALE: NONE



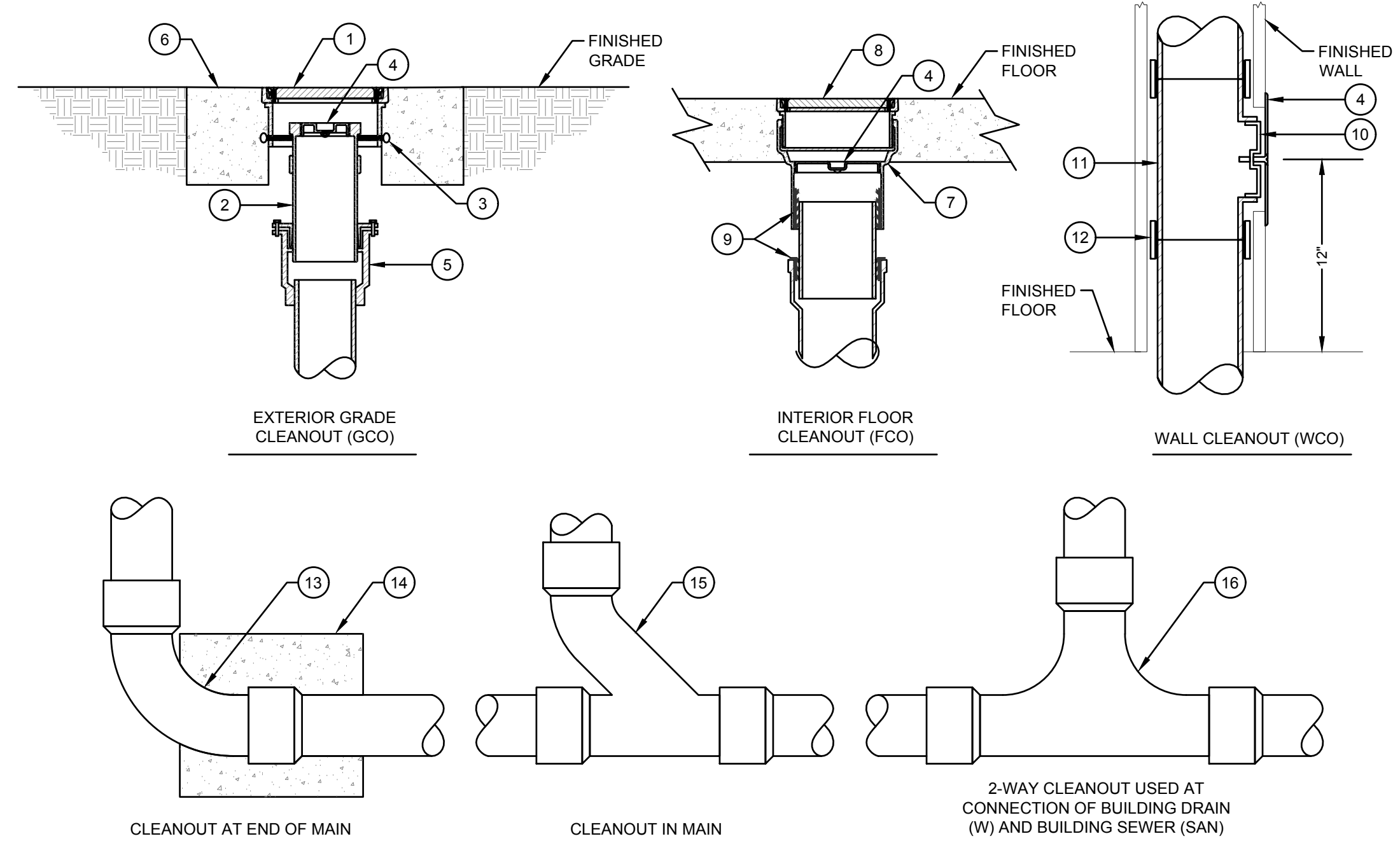
6 FLOOR MOUNTED WATER HEATER DETAIL

SCALE: NONE



4 DETAIL

SCALE: NONE

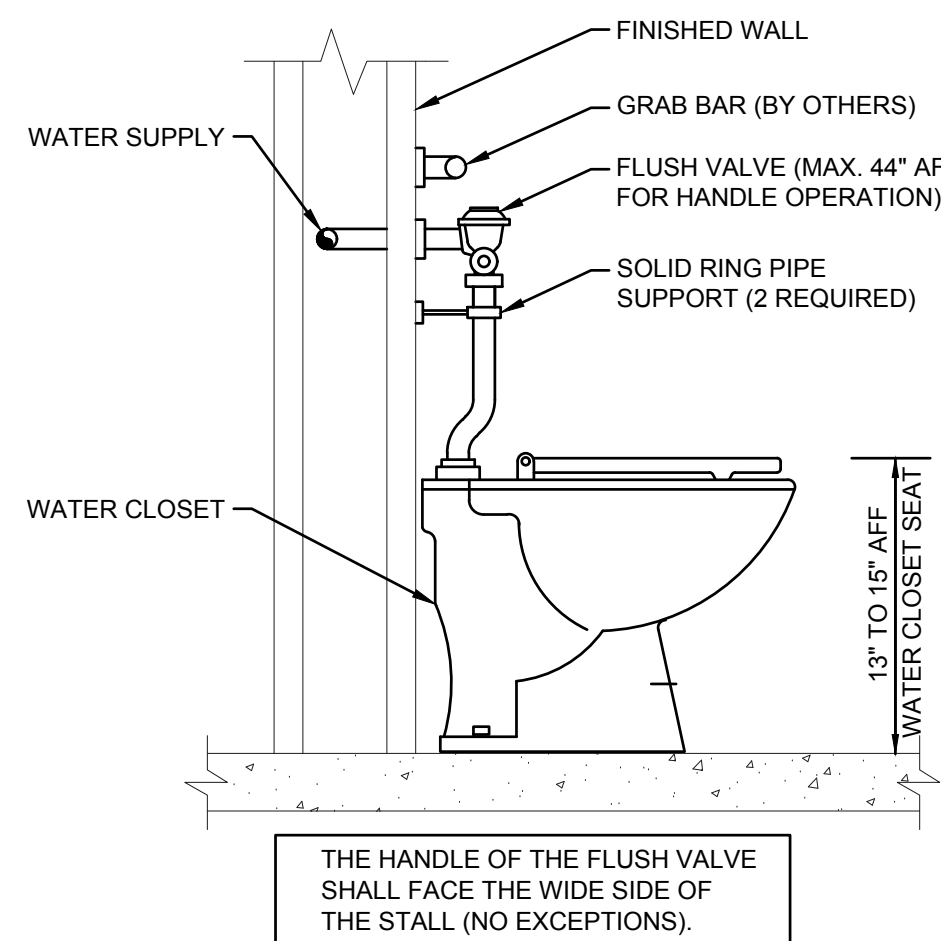


DETAIL KEY NOTES:

1	CAST IRON HOUSING WITH NICKEL BRONZE, ROUND, SECURED, SCORIATED LIGHT-DUTY COVER AND THUMB SCREWS.	9	PUSH-ON NEOPRENE RUBBER COMPRESSION GASKET.
2	CAST IRON CLEANOUT HOUSING.	10	STAINLESS STEEL ROUND WALL ACCESS COVER.
3	ADJUSTABLE THUMB SCREWS.	11	CLEANOUT TEE.
4	TAPERED THREAD, RECESSED HEAD, BRONZE CLEANOUT PLUG.	12	NO-HUB COUPLING (FOR ABOVE GROUND APPLICATION ONLY).
5	EXPANSION JOINT.	13	LONG SWEEP ELBOW.
6	18"x18" SQUARE CONCRETE PAD A MINIMUM OF 4" THICK.	14	12" x 12" x 12" CONCRETE THRUST BLOCK.
7	2 PIECE CAST IRON CLEANOUT WITH ADJUSTABLE HEAD.	15	COMBINATION WYE AND EIGHTH BEND FITTING.
8	NICKEL BRONZE, ROUND, SECURED, SCORIATED LIGHT-DUTY COVER.	16	TWO-WAY CLEANOUT FITTING.

1 CLEANOUT DETAILS

SCALE: NONE



7 JUVENILE WATER CLOSET DETAIL

SCALE: NONE

EXPANSION TANK SCHEDULE

EQUIPMENT NO.	SYSTEM SERVED	MODEL NO.	TANK VOLUME (GALLONS)	ACCEPTANCE FACTOR (%)	SYSTEM TEMP. MAX./MIN.	INITIAL FILL PRESSURE	ASME RATED	MAXIMUM SYSTEM PRESSURE	NOTES
ET-2	DOMESTIC HOT WATER	ST-5	2.0	45%	60°F/130°F	50 PSI	NO	150 PSI	1

NOTES:

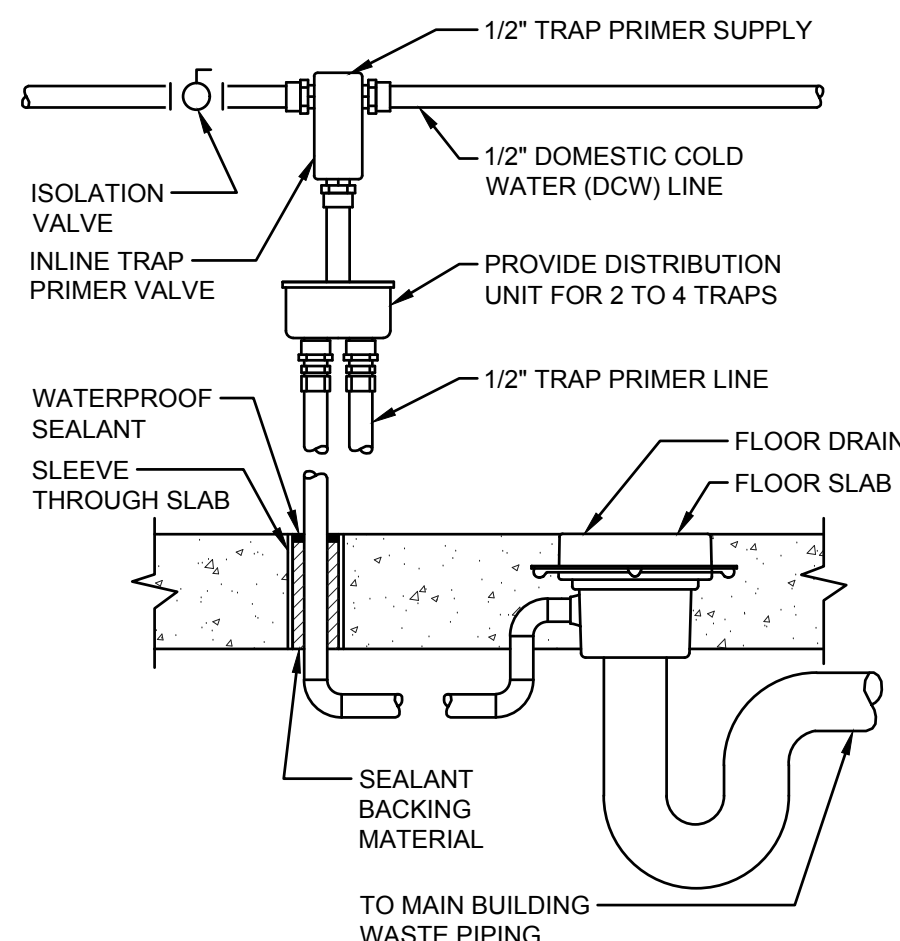
1. BASIS OF DESIGN: AMTROL

WATER HEATER SCHEDULE

EQUIPMENT NO.	MODEL NO.	FUEL SUPPLY (GAS OR ELEC)	STORAGE CAPACITY (GALLONS)	INPUT BTUH	INPUT KW	RECOVERY @ 60°F RISE (GALLONS)	TEMP. RISE @ 1.5 GPM	SET TEMP. °F	MIN. EFF.	VOLTS-PHASE	NOTES
EWH-1	DEL-50	ELEC	50	-	9.0	61	-	130	96%	480V-3Ø	1,2,3,4,5,6

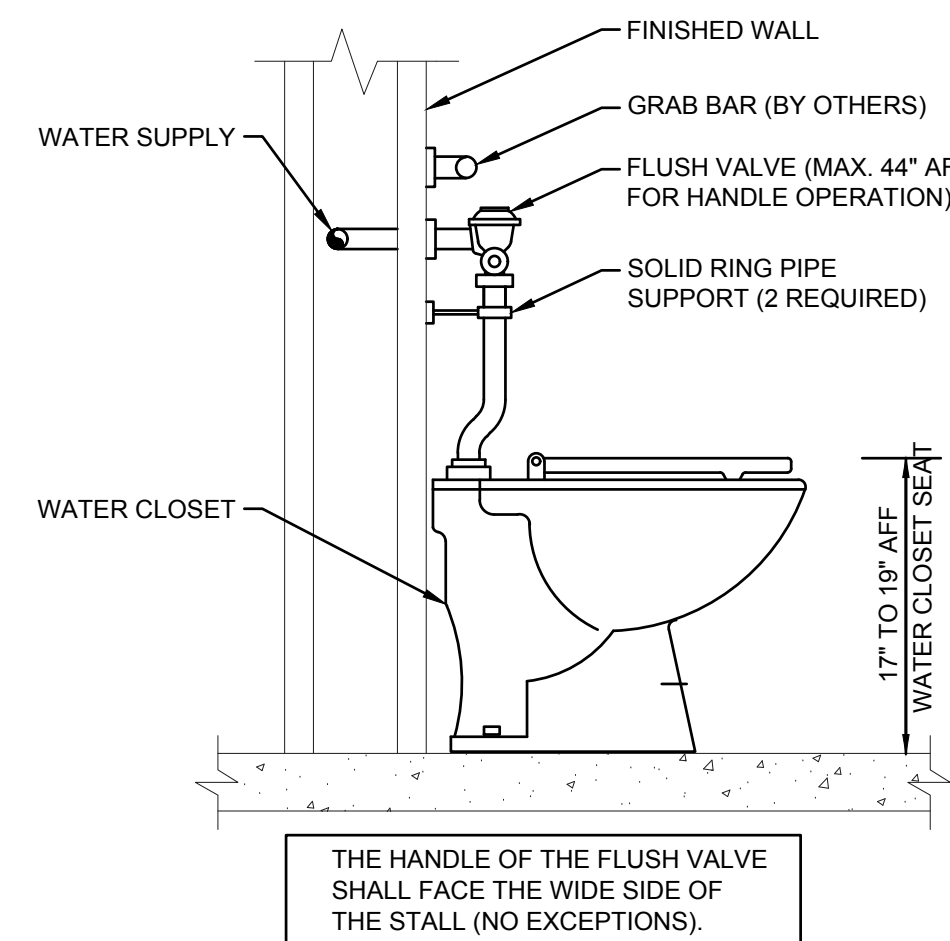
NOTES:

1. BASIS OF DESIGN: A.O. SMITH (EQUAL MANUFACTURERS: BRADFORD WHITE, LOCHINVAR, STATE)
2. PROVIDE HEATER WITH A TEMPERATURE AND PRESSURE RELIEF VALVE SIZED BY THE UNIT MANUFACTURER.
3. PROVIDE UNIT WITH EXPANSION TANK (ET).
4. PROVIDE HEATER WITH A VACUUM BREAKER SIZED BY THE UNIT MANUFACTURER AS REQUIRED.
5. PROVIDE A DRAIN PAN PER FLORIDA PLUMBING CODE. ROUTE DRAIN TO NEAREST FLOOR DRAIN.
6. UNIT TO BE FACTORY WIRED FOR SIMULTANEOUS DUAL ELEMENT OPERATION.



3 TRAP PRIMER DETAIL

SCALE: NONE



2 ADA WATER CLOSET DETAIL

SCALE: NONE

DOMESTIC HOT WATER RETURN PUMP SCHEDULE

EQUIPMENT NO.	MODEL NO.	TYPE	FLUID TEMP.	GPM	FT OF HEAD	HP	RPM	VOLTAGE/ PHASE	NOTES
P-1	008-BC6	IN-LINE	110°F	4.0	13	1/25	3250	120/1Ø	1,2,3

NOTES:

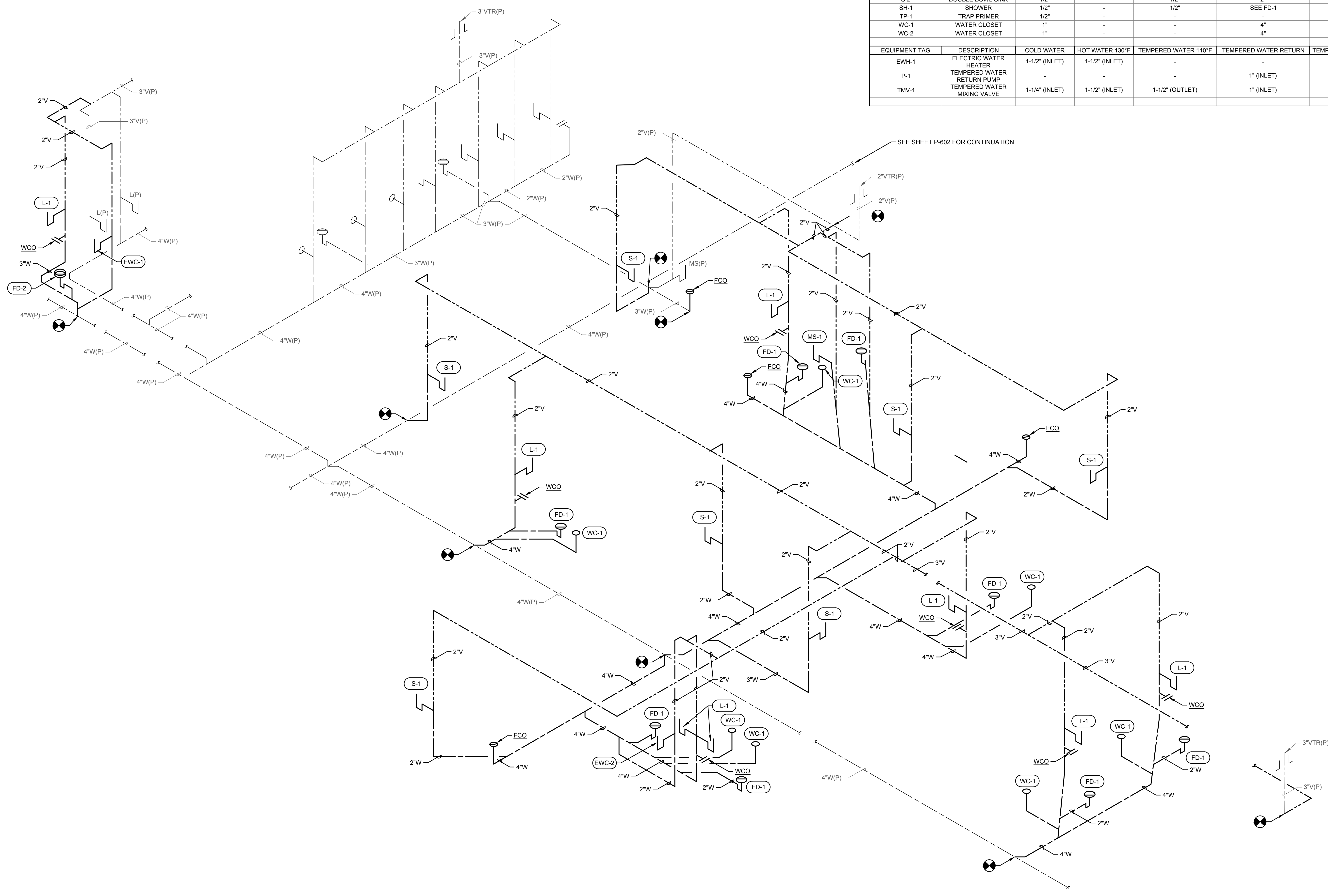
1. BASIS OF DESIGN: TACO
2. PROVIDE A TACO MODEL 265-3 DIGITAL 7 DAY TIMER. COORDINATE TIMER PROGRAM WITH OWNER.
3. PUMP TO BE ALL BRONZE OR STAINLESS STEEL CONSTRUCTION RATED FOR DOMESTIC POTABLE WATER SERVICE.

REV #	DATE	PHASE / REVISION	CHECK
04/03/26	100% OWNER REVIEW	TK	WHT
04/24/26	100% CONTRACT DOCUMENTS	TK	WHT
SHEET NAME: ISOMETRIC - GRAVITY PLUMBING			
SHEET NUMBER: P-601			

TOMAHAWK ENGINEERING PROJECT # 25029

FIXTURE PIPE CONNECTION SIZES						
FIXTURE TAG	DESCRIPTION	COLD WATER	HOT WATER 130°F	TEMPERED WATER 110°F	WASTE	VENT
BT-1	BATHTUB/SHOWER	1/2"	-	1/2"	2"	2"
DW-1	DISHWASHER	-	-	1/2"	5/8" HOSE	-
EWC-1	ELECTRIC WATER COOLER	1/2"	-	-	2"	2"
EWC-2	ELECTRIC WATER COOLER	1/2"	-	-	2"	2"
FD-1	FLOOR DRAIN	1/2"	-	-	2"	2"
FD-2	FLOOR DRAIN	-	-	-	2"	2"
L-1	LAVATORY	1/2"	-	1/2"	2"	2"
L-2	LAVATORY	1/2"	-	1/2"	2"	2"
MS-1	MOP SINK	3/4"	3/4"	-	3"	2"
OB-1	OUTLET BOX	1/2"	-	-	-	-
S-1	SINK	1/2"	-	1/2"	2"	2"
S-2	DOUBLE BOWL SINK	1/2"	-	1/2"	2"	2"
SH-1	SHOWER	1/2"	-	1/2"	SEE FD-1	-
TP-1	TRAP PRIMER	1/2"	-	-	-	-
WC-1	WATER CLOSET	1"	-	-	4"	2"
WC-2	WATER CLOSET	1"	-	-	4"	2"

EQUIPMENT TAG	DESCRIPTION	COLD WATER	HOT WATER 130°F	TEMPERED WATER 110°F	TEMPERED WATER RETURN	TEMPERED WATER RETURN
EWH-1	ELECTRIC WATER HEATER	1-1/2" (INLET)	1-1/2" (INLET)	-	-	-
P-1	TEMPERED WATER RETURN PUMP	-	-	-	1" (INLET)	1" (OUTLET)
TMV-1	TEMPERED WATER MIXING VALVE	1-1/4" (INLET)	1-1/2" (INLET)	1-1/2" (OUTLET)	1" (INLET)	3/4" (OUTLET)



1 Isometric - Gravity Plumbing
SCALE: NONE

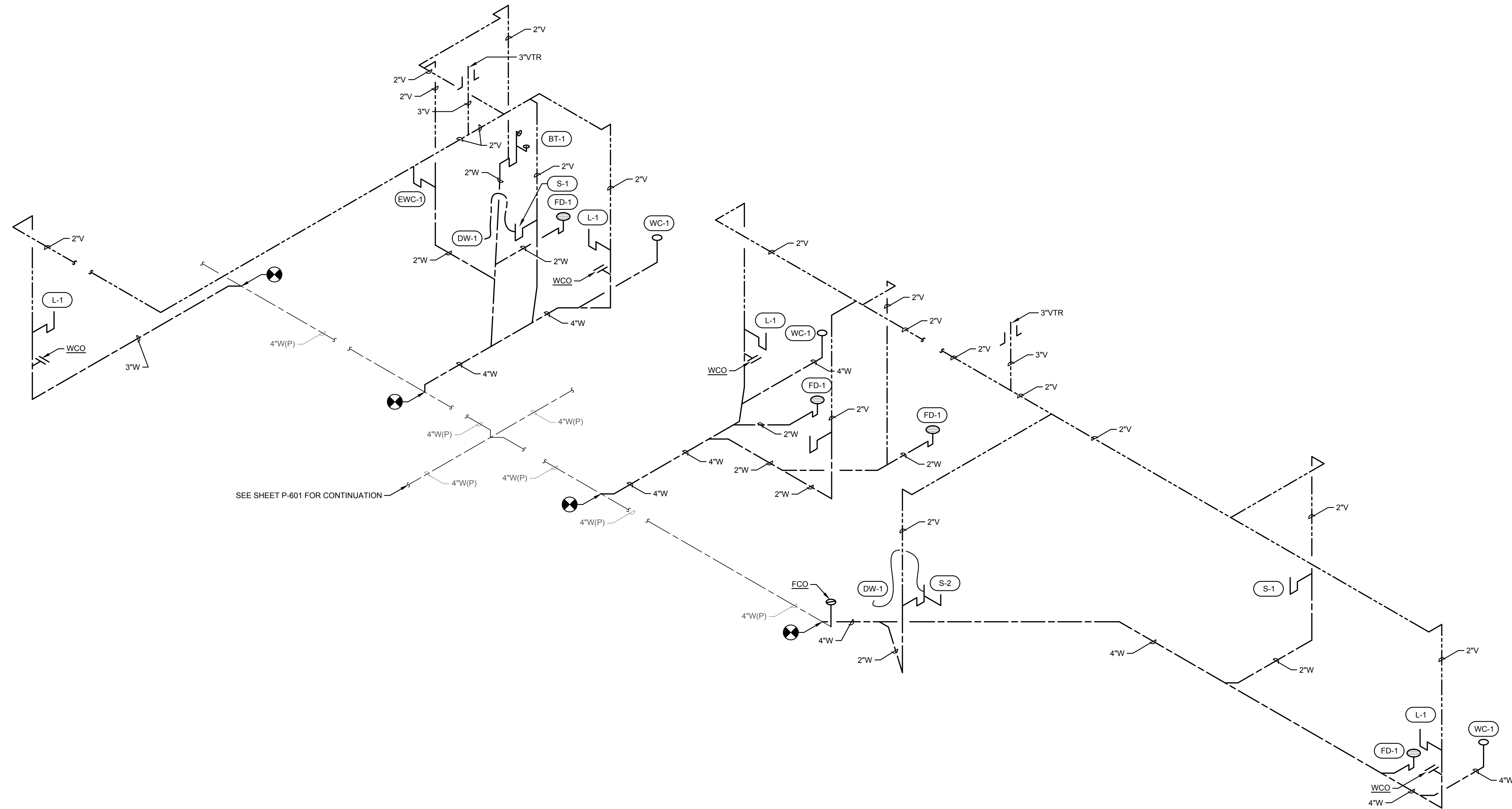
REV #	DATE	PHASE / REVISION	DWN	CHECK
04/03/26		100% OWNER REVIEW	TKE	WHT
04/24/26		100% CONTRACT DOCUMENTS		

SHEET NAME:
ISOMETRIC - GRAVITY
PLUMBING

SHEET NUMBER:
P-602

FIXTURE PIPE CONNECTION SIZES						
FIXTURE TAG	DESCRIPTION	COLD WATER	HOT WATER 130°F	TEMPERED WATER 110°F	WASTE	VENT
BT-1	BATHTUB/SHOWER	1/2"	-	1/2"	2"	2"
DW-1	DISHWASHER	-	-	1/2"	5/8" HOSE	-
EWC-1	ELECTRIC WATER COOLER	1/2"	-	-	2"	2"
EWC-2	ELECTRIC WATER COOLER	1/2"	-	-	2"	2"
FD-1	FLOOR DRAIN	1/2"	-	-	2"	2"
FD-2	FLOOR DRAIN	-	-	-	2"	2"
L-1	LAVATORY	1/2"	-	1/2"	2"	2"
L-2	LAVATORY	1/2"	-	1/2"	2"	2"
MS-1	MOP SINK	3/4"	3/4"	-	3"	2"
OB-1	OUTLET BOX	1/2"	-	-	-	-
S-1	SINK	1/2"	-	1/2"	2"	2"
S-2	DOUBLE BOWL SINK	1/2"	-	1/2"	2"	2"
SH-1	SHOWER	1/2"	-	1/2"	SEE FD-1	-
TP-1	TRAP PRIMER	1/2"	-	-	-	-
WC-1	WATER CLOSET	1"	-	-	4"	2"
WC-2	WATER CLOSET	1"	-	-	4"	2"

EQUIPMENT TAG	DESCRIPTION	COLD WATER	HOT WATER 130°F	TEMPERED WATER 110°F	TEMPERED WATER RETURN	TEMPERED WATER RETURN
EW-1	ELECTRIC WATER HEATER	1-1/2" (INLET)	1-1/2" (INLET)	-	-	-
P-1	TEMPERED WATER RETURN PUMP	-	-	-	1" (INLET)	1" (OUTLET)
TMV-1	TEMPERED WATER MIXING VALVE	1-1/4" (INLET)	1-1/2" (INLET)	1-1/2" (OUTLET)	1" (INLET)	3/4" (OUTLET)



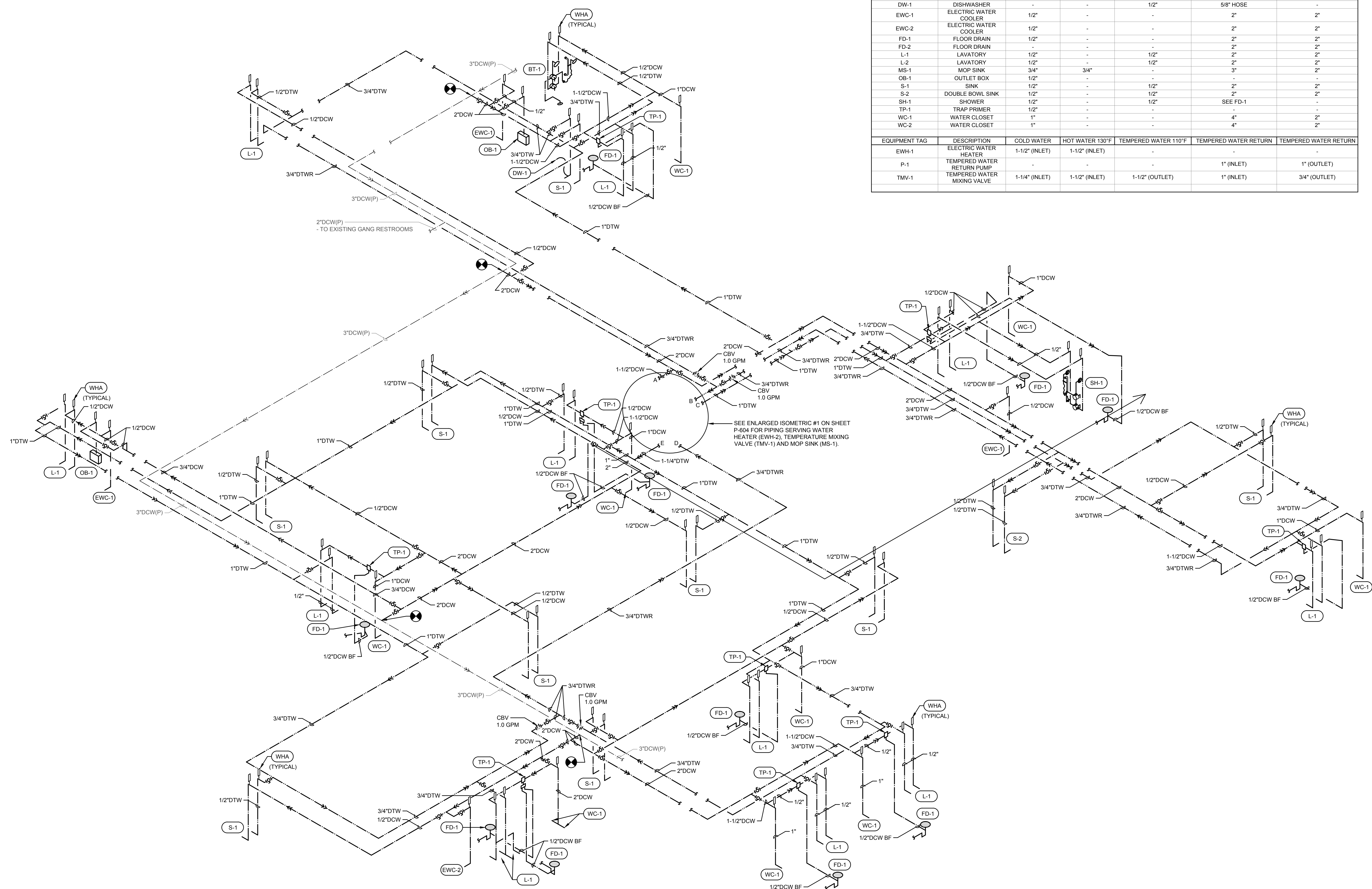
1 Isometric - Gravity Plumbing
SCALE: NONE

DWN:	CHECK:	WHT
TKE		
PHASE / REVISION:	100% OWNER REVIEW	
REV #	DATE:	04/24/26
		100% CONTRACT DOCUMENTS
SHEET NAME:		
ISOMETRIC - PRESSURE PLUMBING		
SHEET NUMBER:		
P-603		

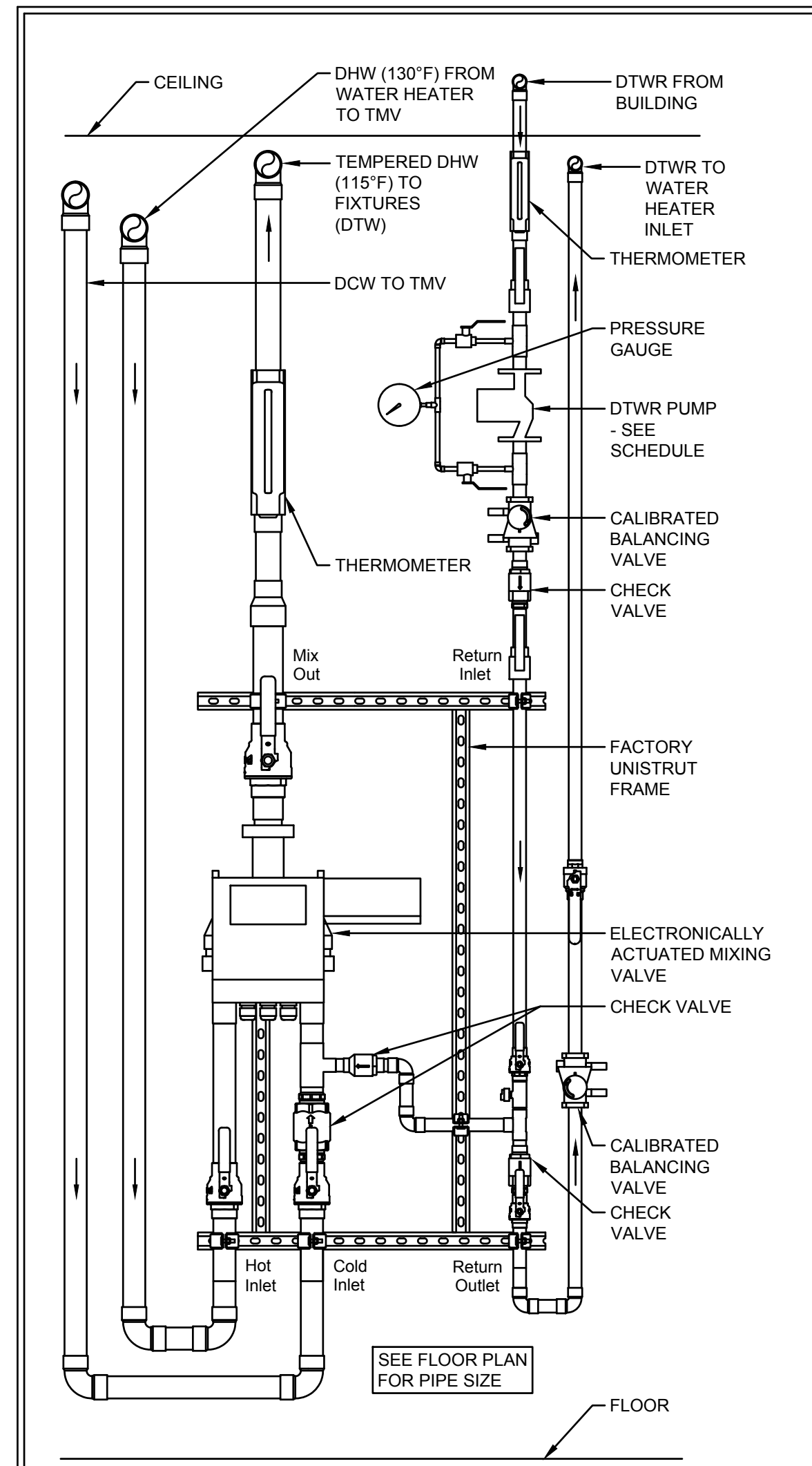
TOMAHAWK ENGINEERING PROJECT # 25029

FIXTURE TAG	DESCRIPTION	COLD WATER	HOT WATER 130°F	TEMPERED WATER 110°F	WASTE	VENT
BT-1	BATHTUB/SHOWER	1/2"	-	1/2"	2"	2"
DW-1	DISHWASHER	-	-	1/2"	5/8" HOSE	-
EWC-1	ELECTRIC WATER COOLER	1/2"	-	-	2"	2"
EWC-2	ELECTRIC WATER COOLER	1/2"	-	-	2"	2"
FD-1	FLOOR DRAIN	1/2"	-	-	2"	2"
FD-2	FLOOR DRAIN	-	-	1/2"	2"	2"
L-1	LAVATORY	1/2"	-	1/2"	2"	2"
L-2	LAVATORY	1/2"	-	1/2"	2"	2"
MS-1	MOP SINK	3/4"	3/4"	-	3"	2"
OB-1	OUTLET BOX	1/2"	-	-	-	2"
S-1	SINK	1/2"	-	1/2"	2"	2"
S-2	DOUBLE BOWL SINK	1/2"	-	1/2"	2"	2"
SH-1	SHOWER	1/2"	-	1/2"	SEE FD-1	-
TP-1	TRAP PRIMER	1/2"	-	-	-	-
WC-1	WATER CLOSET	1"	-	-	4"	2"
WC-2	WATER CLOSET	1"	-	-	4"	2"

EQUIPMENT TAG	DESCRIPTION	COLD WATER	HOT WATER 130°F	TEMPERED WATER 110°F	TEMPERED WATER RETURN	TEMPERED WATER RETURN
EWH-1	ELECTRIC WATER HEATER	1-1/2" (INLET)	1-1/2" (INLET)	-	-	-
P-1	TEMPERED WATER RETURN PUMP	-	-	-	1" (INLET)	1" (OUTLET)
TMV-1	TEMPERED WATER MIXING VALVE	1-1/4" (INLET)	1-1/2" (INLET)	1-1/2" (OUTLET)	1" (INLET)	3/4" (OUTLET)



1 Isometric - Pressure Plumbing
SCALE: NONE



1 THERMOSTATIC MIXING VALVE (TMV) DETAIL SCALE: NONE

DOMESTIC HOT WATER SYSTEM SETUP

PROCURE THE SERVICES OF A NEBB OR AABC CERTIFIED TEST AND BALANCE AGENT TO PERFORM THE FOLLOWING:
 VERIFY THE FOLLOWING AND VERIFY ITEMS ARE INSTALLED AND LOCATED PER WATER HEATER DETAILS SHOWN HEREIN:

- TEMPERATURE MIXING VALVE (TMV-1).
- TEMPERED WATER RETURN PUMP (P-1).
- CALIBRATED BALANCING VALVE (CBV-1).
- CALIBRATED BALANCING VALVE (CBV-2).
- 6 CHECK VALVES (CV-#) INSTALLED IN THE PROPER DIRECTION.
- 10 SHUTOFF VALVES (SV-#).
- EXPANSION TANK ON WATER HEATER COLD WATER INLET, WITH NO SHUTOFF OR CHECK VALVES BETWEEN IT AND THE WATER HEATER.
- THERMOMETER (T-1) IN WATER HEATER OUTLET PIPING TO ALLOW VERIFICATION OF WATER HEATER SETTING.
- THERMOMETER (T-2) IN MIXING VALVE (TMV-1) OUTLET PIPING TO ALLOW VERIFICATION OF MIXING VALVE SETTING.
- THERMOMETER (T-3) IN RETURN PUMP INLET PIPING TO VERIFY RETURN WATER TEMPERATURE.
- ALL BUILDING COLD WATER SHUTOFF VALVE(S) SERVING THE WATER HEATER ARE IN THE FULL OPEN POSITION AND COLD WATER IS AVAILABLE AT WATER HEATER.
- ALL BUILDING HOT/TEMPERED WATER AND HOT/TEMPERED RETURN WATER SHUTOFF VALVES ARE IN THE FULL OPEN POSITION.
- ALL SHUTOFF VALVES ASSOCIATED WITH THE TEMPERATURE MIXING VALVE ARE IN THE FULL OPEN POSITION.
- IF MULTIPLE RETURN WATER BRANCH LINES ARE INSTALLED, VERIFY A CALIBRATED BALANCING VALVE (CBV) AND SHUTOFF VALVE ARE INSTALLED IN EACH RETURN WATER BRANCH PIPE AS SHOWN ON THE CONSTRUCTION DOCUMENTS. VERIFY SHUTOFF VALVES ARE FULLY OPEN.

WATER HEATER AND TMV TEMPERATURE SETTING PROCEDURE:

- VERIFY ALL FIXTURE HOT WATER FAUCET/OUTLETS ARE CLOSED.
- VERIFY RETURN PUMP IS TURNED OFF AND DISCHARGE VALVE IS CLOSED.
- VERIFY WATER HEATER IS POWERED AND IF REQUIRED, GAS IS AVAILABLE AND ISOLATION VALVE IS OPEN.
- ENERGIZE WATER HEATER. ENSURE PROPER OPERATION OF HEATING ELEMENT OR GAS TRAIN.
- IF WATER HEATER HAS ELECTRONIC CONTROLS, SET TEMPERATURE TO 130°F.
- SETTING WATER HEATER TEMPERATURE:
 - ONCE HEATER IS UP TO OPERATING TEMPERATURE AND TANK IS FULLY HEATED, PERFORM THE FOLLOWING:
 - OPEN ENOUGH FIXTURE HOT WATER FAUCETS TO FLOW 2 TO 4 GPM.
 - VERIFY TMV-1 IS ALLOWING HOT WATER TO FLOW THROUGH MIXING VALVE. ADJUST AS NEEDED.
 - READ T-1. VERIFY OR ADJUST WATER HEATER TEMPERATURE SETTING OF 130°F.
 - CLOSE ALL FIXTURE HOT WATER FAUCETS AND ALLOW HEATER TO FULLY RECOVER.
- SETTING MIXING VALVE TEMPERATURE:
 - OPEN ENOUGH FIXTURE HOT WATER FAUCETS TO FLOW 2 TO 4 GPM. READ T-2. ADJUST TMV-1 TO AN OUTLET TEMPERATURE OF 110°F. ENSURE TMV-1 OUTLET TEMPERATURE IS MAINTAINED FOR A MINIMUM OF 5 MINUTES WITH CONTINUOUS FLOW. ENSURE WATER HEATER OUTLET TEMPERATURE DOES NOT DROP BELOW 120°F DURING THIS PROCEDURE. CLOSE ALL FIXTURE HOT WATER FAUCETS AND ALLOW WATER HEATER TO FULLY RECOVER.

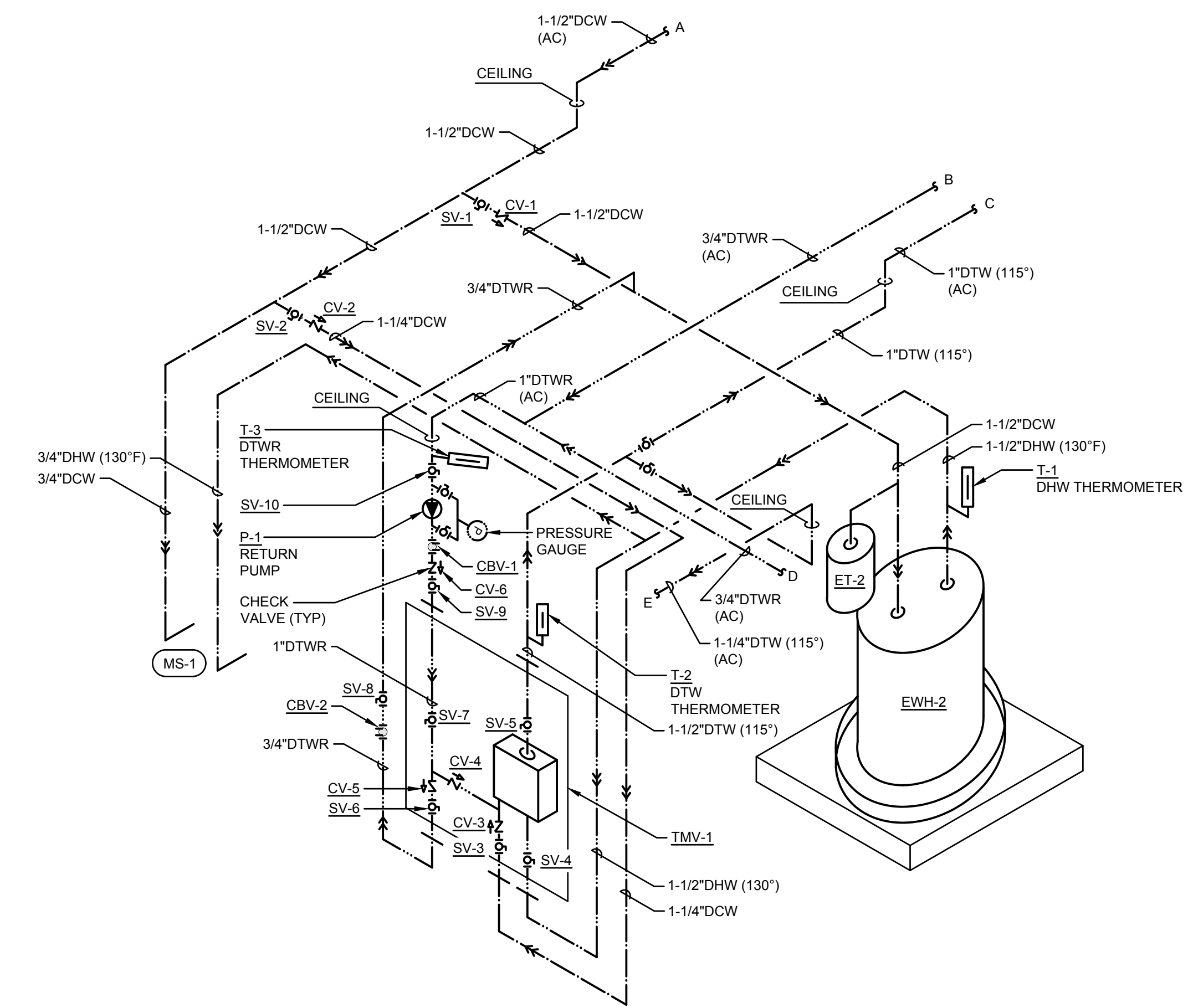
BRANCH CBV'S, CBV-1 & CBV-2 FLOW SETTING PROCEDURE:

NOTE: NO FIXTURE HOT WATER FAUCET/OUTLET CAN BE OPENED UNTIL THIS PROCEDURE IS COMPLETED AND TMV OUTLET TEMPERATURE IS STEADY FOR A MINIMUM OF 24 HOURS WITH RETURN PUMP RUNNING.

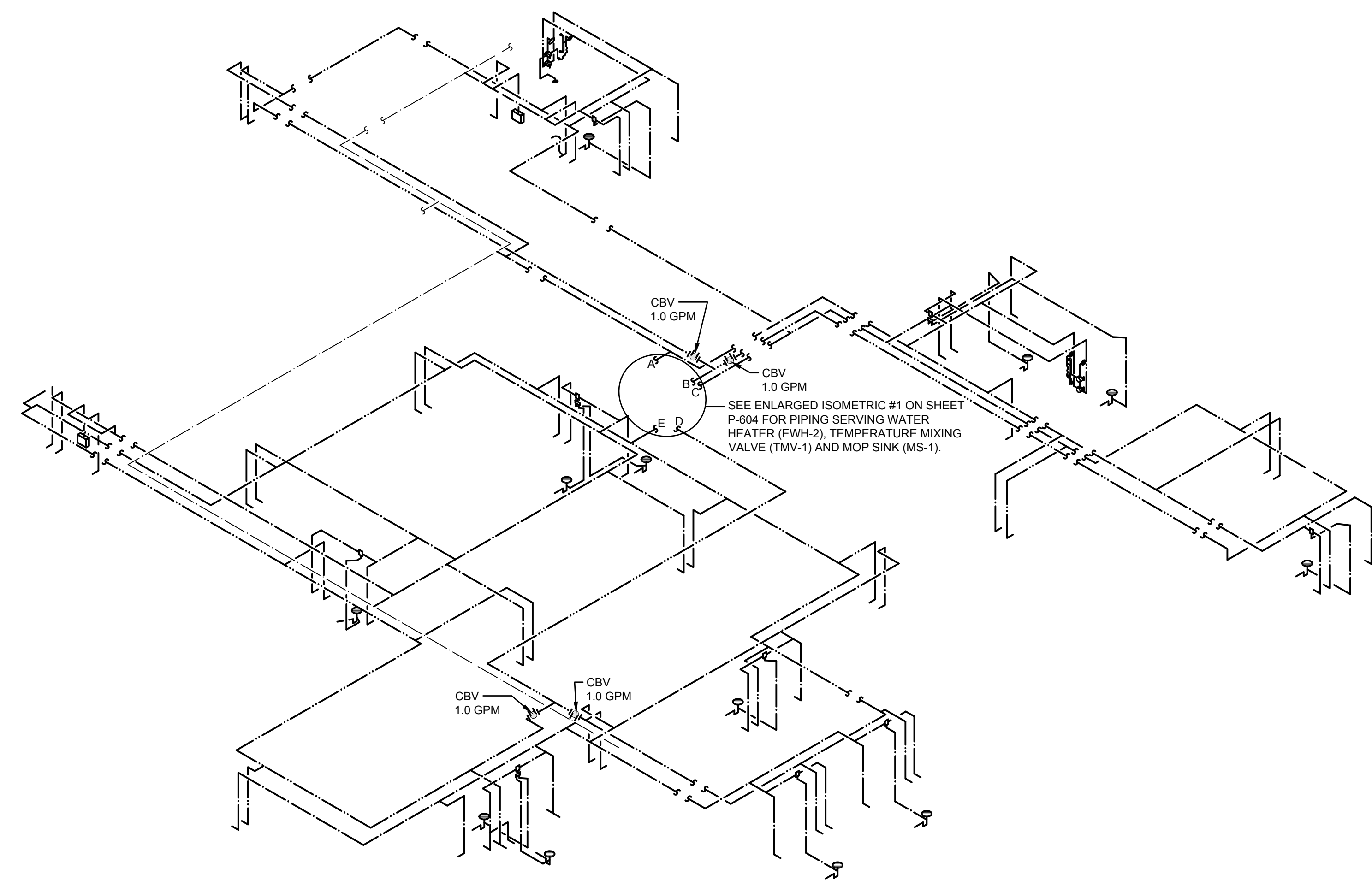
- VERIFY ALL FIXTURE HOT WATER FAUCET/OUTLETS ARE CLOSED. WATER HEATER IS POWERED ON, HEATER TANK IS FULLY HEATED AND NO WATER IS BEING DRAWN FROM WATER HEATER.
- SET P-1 TIME CLOCK SO PUMP WILL RUN CONTINUOUSLY 24/7.
- OPEN P-1 INLET AND OUTLET SHUTOFF VALVES. OPEN CBV-1 AND OPEN CBV-2 TO 50% OF FULL OPEN VALVE POSITION.
- ENERGIZE P-1 AND VERIFY OPERATION.
- IF MULTIPLE HOT/TEMPERED RETURN WATER BRANCH LINES ARE INSTALLED, BALANCE EACH BRANCH PIPING CBV TO THE GPM VALUE INDICATED ON PLUMBING DRAWINGS.
- ADJUST CBV-1 TO THE FLOW INDICATED ON P-1 SCHEDULE. THIS SHALL EQUAL THE TOTAL FLOW OF ALL RETURN BRANCH LINE CBV'S. ALLOW SYSTEM TO STABILIZE FOR 24 HOURS ENSURING NO FIXTURE HOT WATER FAUCET/OUTLETS ARE OPENED DURING THIS TIME.
- AFTER SYSTEM HAS RUN 24 HOURS, RECORD T-2 TEMPERATURE.
 - IF TMV OUTLET TEMPERATURE (T-2) HAS INCREASED ABOVE THE 110°F SET POINT, INCREMENTALLY CLOSE CBV-2 AND OBSERVE T-2 TEMPERATURE. ALLOW TMV OUTLET TEMPERATURE TO STABILIZE IN BETWEEN ADJUSTMENTS OF CBV-2.
 - IF TMV OUTLET TEMPERATURE (T-2) HAS DECREASED BELOW THE 110°F SET POINT, INCREMENTALLY OPEN CBV-2 AND OBSERVE T-2 TEMPERATURE. ALLOW TMV OUTLET TEMPERATURE TO STABILIZE IN BETWEEN ADJUSTMENTS OF CBV-2.
 - ONCE THE TMV OUTLET TEMPERATURE IS STABILIZED AT 110°F, ALLOW SYSTEM TO RUN 24 HOURS AND RECHECK. IF TEMPERATURE HAS CHANGED, REPEAT STEPS 7.1 AND 7.2 AS REQUIRED UNTIL SYSTEM MAINTAINS (T-2) AT 110°F ± 2°F FOR 24 HOURS.
 - RECORD TEMPERATURES OF T-1, T-2 & T-3.

SET TIME CLOCK SETTINGS TO OWNERS SCHEDULE PER TIME CLOCK MANUFACTURERS WRITTEN INSTRUCTIONS.

FIXTURE PIPE CONNECTION SIZES						
FIXTURE TAG	DESCRIPTION	COLD WATER	HOT WATER 130°F	TEMPERED WATER 110°F	WASTE	VENT
BT-1	BATHUB/SHOWER	1/2"	-	1/2"	2"	2"
DW-1	DISHWASHER	-	-	1/2"	5/8" HOSE	-
EWC-1	ELECTRIC WATER COOLER	1/2"	-	-	2"	2"
EWC-2	ELECTRIC WATER COOLER	1/2"	-	-	2"	2"
FD-1	FLOOR DRAIN	1/2"	-	-	2"	2"
FD-2	FLOOR DRAIN	-	-	-	2"	2"
L-1	LAVATORY	1/2"	-	1/2"	2"	2"
L-2	LAVATORY	1/2"	-	1/2"	2"	2"
MS-1	MOP SINK	3/4"	3/4"	-	3"	2"
OB-1	OUTLET BOX	1/2"	-	-	-	-
S-1	SINK	1/2"	-	1/2"	2"	2"
S-2	DOUBLE BOWL SINK	1/2"	-	1/2"	2"	2"
SH-1	SHOWER	1/2"	-	1/2"	SEE FD-1	-
TP-1	TRAP PRIMER	1/2"	-	-	-	-
WC-1	WATER CLOSET	1"	-	-	4"	2"
WC-2	WATER CLOSET	1"	-	-	4"	2"
EQUIPMENT TAG	DESCRIPTION	COLD WATER	HOT WATER 130°F	TEMPERED WATER 110°F	TEMPERED WATER RETURN	TEMPERED WATER RETURN
EWH-1	ELECTRIC WATER HEATER	1-1/2" (INLET)	1-1/2" (INLET)	-	-	-
P-1	TEMPERED WATER RETURN PUMP	-	-	-	1" (INLET)	1" (OUTLET)
TMV-1	TEMPERED WATER MIXING VALVE	1-1/4" (INLET)	1-1/2" (INLET)	1-1/2" (OUTLET)	1" (INLET)	3/4" (OUTLET)



1 Enlarged Isometric - Water Heater, Mixing Valve and Mop Sink SCALE: NONE



2 Isometric - DTWR Branch Balancing Valve (CBV) Locations and Flows SCALE: NONE

NOT FOR CONSTRUCTION

FL Seal: RICHARD LINDBURG
 PE# 62829
 WESLEY THIGPEN, JR.
 PE# 65705

Hoy + Stark
 Architects
 Tallahassee Memorial Healthcare

Tallahassee Memorial Healthcare
 Outpatient Rehab Relocation
 1607 Saint James Court
 Tallahassee, FL 32308

This drawing is being released for the purpose of:

100% CONTRACT DOCUMENTS

REV #	DATE	PHASE / REVISION	CHECK	DWN
04/03/26	100% OWNER REVIEW	WHT		
04/24/26	100% CONTRACT DOCUMENTS	TKE		

SHEET NAME:
 ENLARGED ISOMETRIC & DHW SETUP SEQUENCE - PRESSURE PLUMBING

SHEET NUMBER:
 P-604