WATER SUPPLY FIXTURE UNITS PER FPC TABLE E103.3(2)					
FIXTURE TYPE	CWFU	HWFU	TWFU	QUANTITY	SUM
DRINKING FOUNTAIN	0.25	0	0.25	1	0.25
HOSE BIBB	1	0	1	11	11
KITCHEN SINK PRIVATE	1	1	1.4	2	2.8
LAVATORY PRIVATE	0.5	0.5	0.7	8	5.6
SERVICE SINK	2.25	2.25	3	1	3
SHOWER PRIVATE	1	1	1.4	8	11.2
URINAL 3/4" FV	5	0	5	1	5
WATER CLOSET PRIVATE FV	6	0	6	7	42
TOTAL WATER SUPPLY FIXTURE UNITS:					80.85

PUBLIC FIXTURES APPLY TO FIXTURES WITH UNRESTRICTED EXPOSURE TO WALK-IN TRAFFIC. PRIVATE FIXTURES APPLY TO FIXTURES THAT ARE NOT PUBLIC.

DRAINAGE FIXTURE UNITS F	PER FPC TAB	LE 709.1	
FIXTURE TYPE	WFU	QUANTITY	SUM
	·		
DRINKING FOUNTAIN	0.5	1	0.5
FLOOR DRAIN	4	8	32
LAVATORY	1	8	8
SERVICE SINK	2	1	2
SHOWER (<5.7 GPM)	2	8	16
SINK	2	2	4
URINAL (<1 GPF)	2	1	2
WATER CLOSET PRIVATE 1.6 GPF	4	7	28
TOTAL DRAINAGE FIXTURE UNITS:			92.5

WATER STORAGE TA	ANK SCHED	ULE
MARK		STORAGE TANK
MANUFACTURER		AO SMITH
LOCATION		WATER STORAGE ROO
MODEL NO.		TVN-500A
STORAGE	GALLONS	500
WORKING PRESSURE	PSI	125
WEIGHT	LB.	763
DIMENSIONS DIAxH	IN.	42" x 87"
SEE FLC	OR PLAN FOR	LOCATION

GAS WATER HEATER SCHEDULE			SCHEDULE NOTES:		
MARK		GWH-1	1. SEE FLOOR PLAN FOR LOCATION.		
MANUFACTURER		AO SMITH	1		
LOCATION		POOL EQUIP. ROOM	2. WATER TO BE STORED AT 70° F.		
MODEL NO.		BTHS-1000A]		
STORAGE	GALLONS	120	3. GAS WATER HEATER WITH SEALED COMBUSTION CHAMBER AND		
RECOVERY 70 °F	GPH	1,680	DIRECT VENTING.		
ELECTRICAL	V/PH/HZ	120/1/60	1		
GAS INPUT	BTUH	1,000,000	4. PROVIDE WITH CONDENSATE NEUTRALIZATION		
THERMAL EFFICIENCY	%	97	EQUIVALENT TO AXIOM NC-2, 4.0GPH		
GAS CONNECTION	IN.	2"			
VENT CONNECTION	IN.	6"			
COMBUSTION AIR CONN.	IN.	6"			
WEIGHT	LB.	1300			
DIMENSIONS DIAxH	IN.	34 1/2" X 80 3/4"			

TYPE	DESCRIPTION	WASTE	VENT	CW	HW
P101	WATER CLOSET (FM, FV, ADA/BF)	4"	2"	1-1/2"	
P201	URINAL (WH, FV, ADA/BF)	2"	2"	3/4"	
P301	LAVATORY (WH, WB, ADA/BF)	2"	1-1/2"	1/2"	1/2"
P307	LAVATORY (DROP-IN, GN, WB, ADA/BF)	1-1/2"	1-1/4"	1/2"	1/2"
P413	SINK (UNDERMOUNT, GN, WB, ADA/BF)	1-1/2"	1-1/4"	1/2"	1/2"
P590	JANITORS SINK CORNER	3"	1-1/2"	1/2"	1/2'
P602	SHOWER, PREFAB, HANDSPRAY, FIXED HEAD, DEEP SEAL P-TRAP	2"	1-1/2"	1/2"	1/2"
P701	FLOOR DRAIN (W/ TRAP PRIMER)	3"	2"		
P704	6" FLOOR DRAIN (W/ TRAP PRIMER)	3"	2"		
P710	ROOF DRAIN (SEE PLANS FOR SIZE)				
P801	WALL HYDRANT (EXTERIOR)			3/4"	
P802	HOSE BIBB (INTERIOR)			3/4"	
P804	WALL BOX (CW W/ RPBP, NO DRAIN)			3/4"	
P808	WATER COOLER (WH, ADA/BF)	1-1/2"	1-1/4"	1/2"	
P816	EMERGENCY EYE WASH W/TMV (WALL MOUNTED)	4"	2"	1/2"	1/2'
P819	ROOF HYDRANT (EXTERIOR)			3/4"	

- 1. ALL WALL MOUNTED FIXTURES SHALL BE PROVIDED WITH FLOOR MOUNTED, CONCEALED ARM WALL CARRIER.
- 2. ALL EXPOSED P-TRAPS SHALL BE PROVIDED W/LAV SHIELDS.
- 3. PROVIDE BACKFLOW PREVENTER AT CONNECTION TO OWNER FURNISHED EQUIPMENT PER FPC.
- 4. PROVIDE AND INSTALL TRAP PRIMERS FOR ALL FLOOR DRAINS. TRAP PRIMER SUPPLY TO BE 1-1/4" CW OR SMALLER.
- 5. IN ADDITION TO SERVICE VALVES SHOWN ON PLANS, PROVIDE AND INSTALL ISOLATION VALVES ON HOT AND COLD
- WATER SUPPLY PIPING TO EACH PLUMBING FIXTURE, INCLUDING TRAP PRIMERS.
- 6. PROVIDE OFFSET GRID DRAINS AT BARRIER FREE LOCATIONS.
- 7. PRIOR TO ROUGH-IN, COORDINATE EXACT LOCATIONS OF FLOOR DRAINS, FLOOR SINKS, AND HOSE BIBBS (WHERE APPLICABLE) WITH MECHANICAL EQUIPMENT AND VENDOR EQUIPMENT.
- 8. ALL PUBLIC SINKS AND LAVATORIES SHALL BE PROVIDED WITH A THERMOSTATIC MIXING VALVE TO INSURE THAT HOT WATER TEMPERATURE DOES NOT EXCEED 110°F. VALVE TO BE ASSE 1070 COMPLIANT. VALVE TO BE EQUIVALENT
- TO SYMMONS S-210CK, ZURN TMV-1, WILKINS 38-ZW3870-T OR WILKINS 38-ZW-1070-C. 9. REFER TO PLUMBING FIXTURES SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

HOT WATER CIRCULATING PUMP SCHEDULE							
MARK	MANUFACTURER	MODEL NO.	CAPACITY FLOWRATE (GPM)	CAPACITY HEAD FT (FT H2O)	ELECTRICAL (V/PH/HZ)	HORSEPOWER (HP)	SPEED (RPM)
CP-1	GRUNDFOS	ALPHA 15-55F	26	19	115/1/60	1/16	2940
CP-3	GRUNDFOS	ALPHA 15-55F	26	19	115/1/60	1/16	2940
CP-2	GRUNDFOS	ALPHA 15-55F	26	19	115/1/60	1/16	2940
NOT	NOTES:						

- 1. INSTALL AT WATER HEATER. SEE FLOORPLAN FOR LOCATION. REFER TO WATER HEATER DETAIL.
- 2. PROVIDE AQUASTAT TO OPERATE CP-1 WHEN HOT WATER RETURN TEMPERATURE FALLS BELOW 120°F. CP-2 TO OPERATE WHEN RETURN WATER TEMPERATURE FALLS BELOW 140°F.
- 3. PROVIDE TIMER TO SHUT OFF PUMP DURING UNOCCUPIED PERIODS.
- 4. STAINLESS STEEL SUITABLE FOR POTABLE APPLICATION.
- 5. VARIABLE SPEED WITH ECM.

POOL WATER HEATE	R SCHEDU	ILE	SCHEDULE NOTES:	
MARK		PH-1	PH-2	1. VENDOR FURNISHED AND INSTALLED.
MANUFACTURER		PENTAIR	PENTAIR	
LOCATION		POOL EQUIP. ROOM	POOL EQUIP. ROOM	2. PROVIDE WITH 3" PVC DIRECT DUCTED AIR INTAKE.
MODEL NO.		400K BTU	400K BTU	
GAS INPUT	K BTUH	400	400	3. SEE FLOOR PLANS FOR LOCATION
INLET PRESSURE	IN. WC	4-14	4-14	
GAS CONNECTION SIZE	IN	2"	2"	4. IF NOT PROVIDED BY VENDOR, CONTRACTOR SHALL PROVIDE
WEIGHT	LB.	154	154	CONDENSATE NEUTRALIZATION EQUIVALENT TO AXIOM NC-2, 4.0GPH
DIMENSIONS DIAXH	IN. WC	32" X 30"	32" X 30"	

MARK		PH-1	PH-2	1. VENDOR FURNISHED AND INSTALLED.
MANUFACTURER		PENTAIR	PENTAIR	
LOCATION		POOL EQUIP. ROOM	POOL EQUIP. ROOM	2. PROVIDE WITH 3" PVC DIRECT DUCTED AIR INTAKE.
MODEL NO.		400K BTU	400K BTU	
GAS INPUT	K BTUH	400	400	3. SEE FLOOR PLANS FOR LOCATION
INLET PRESSURE	IN. WC	4-14	4-14	
GAS CONNECTION SIZE	IN	2"	2"	4. IF NOT PROVIDED BY VENDOR, CONTRACTOR SHALL PROVIDE
WEIGHT	LB.	154	154	CONDENSATE NEUTRALIZATION EQUIVALENT TO AXIOM NC-2, 4.0GPH
DIMENSIONS DIAXH	IN. WC	32" X 30"	32" X 30"	
10/4/24 10:25 AM	1			

	ELECTRIC WATER HEATER SCHEDULE								
MARK						WEIGHT (LBS)			
EWH-1	AO SMITH	DEN-30	30	32	208/3/60	2 / 4 KW EA.	8	20.5" x 34.5"	98

- I. WATER HEATER SHALL BE AHRI CERTIFIED AND COMPLY WITH FLORIDA ENERGY CONSERVATION CODE WITH MAXIMUM STANDBY LOSS OF 0.53 (%/HR) FOLLOWING DOE 10 CFR PART 431 PROCEDURE. SEE FLOOR PLAN FOR LOCATION. SEE FLOOR PLAN FOR LOCATION.
- 2. WATER TO BE STORED AT 140°F, PROVIDE MIXING VALVE TO DISTRIBUTE HOT WATER AT 120°F.
- 3. PROVIDE IN-LINE MINIMUM 4GAL STEEL SHELL THERMAL EXPANSION TANK WITH HEAVY BUTYL DIAPHRAGM NSF/ANSI 61, WATER CIRCULATOR, AIR VALVE, 150PSIG WORKING PRESSSURE. AMTROL ST-12 OR EQUIVALENT.

ABBREVIATION	DESCRIPTION
A	MEDICAL GAS AIR LINE
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AVTR	ACID VENT THROUGH ROOF
BF	BARRIER FREE
BPW	BED PAN WASHER
CLG	CEILING
CONT	CONTINUATION
COORD	COORDINATION
СО	CLEAN OUT
CO2	MEDICAL GAS CARBON DIOXIDE LINE
CW	COLD WATER LINE
DN	DOWN
DWG	DRAWING
EA	EACH
ECO	EXTERIOR CLEAN OUT
FCO	FLOOR CLEAN OUT
FM	FLOOR MOUNTED
FPD	FIRE PROTECTION DRY PIPE
FPW	FIRE PROTECTION WET PIPE
FT	FLUSH TANK
FV	FLUSH VALVE
GN	GOOSENECK
GPM	GALLONS PER MINUTE
HW	HOT WATER LINE
HWR	HOT WATER RETURN
LAV	LAVATORY
MGA	MEDICAL GAS MASTER ALARM PANEL
MECH	MECHANICAL
MTD	MOUNTED
N	MEDICAL GAS NITROGEN LINE
N2O	MEDICAL GAS NITROUS OXIDE LINE
NMCA	NON-MEDICAL COMPRESSED AIR LINE
02	MEDICAL GAS OXYGEN LINE
OFE	OWNER FURNISHED EQUIPMENT
PAT	PATIENT
PUB	PUBLIC
RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
RWL	RAINWATER PIPING
SAN	SANITARY SEWER PIPING
SD	UNDERGROUND STORM PIPING
SF	SQUARE FOOT
SS	SOLID SURFACE
TMP	TEMPERATURE
TMV	THERMOSTATIC MIXING VALVE
TYP	TYPICAL
V	MEDICAL VACUUM PIPING
VTR	VENT THROUGH ROOF
W/	WITH
WB	WRIST BLADE
WC	WATER CLOSET
WCO	WALL CLEAN OUT
WH	WALL HUNG

PLUMBING ABBREVIATIONS

DIMENSIONED DRAWINGS NOTE:

CONTRACTOR SHALL PROVIDE THE ENGINEER OF RECORD DIMENSIONED PLANS INDICATING EQUIPMENT SIZES AND ALL MANUFACTURER CLEARANCES OF ACUTAL SUBMITTED EQUIPMENT IN ALL MECHANICAL. EQUIPMENT, VACUUM PUMP, WATER TREATMENT, MEDICAL GAS, AND WATER HEATER ROOMS PRIOR TO ROUGH-IN FOR REVIEW AND APPROVAL.

CODE CRITERIA: (BUSINESS)

A. THIS LIST IS NOT INCLUSIVE OF ALL CODES AND STANDARDS THAT MAY OR MAY NOT APPLY TO THIS PROJECT.

B. PERFORM WORK SPECIFIED IN SPECIFICATIONS IN ACCORDANCE WITH STANDARDS LISTED BELOW INCLUDING AMENDMENTS OR REVISIONS. WHEN THESE SPECIFICATIONS ARE MORE STRINGENT, THEY TAKE PRECEDENCE. IN CASE OF CONFLICT, OBTAIN A DECISION FROM THE

NFPA-13 (2019) INSTALLATION OF SPRINKLER SYSTEMS

INSTALLATION OF STANDPIPE AND HOSE SYSTEMS

NATIONAL FUEL GAS CODE

NFPA-70 (2020) NATIONAL ELÉCTRICAL CODE

NFPA-72 (2019) NATIONAL FIRÉ ALARM CODE

NFPA-90A (2021) INSTALLATION OF AIR CONDITIONING AND VENTILATION SYSTEMS

NFPA-90B (2021) INSTALLATION OF WARM AIR HEATING AND AIR CONDITIONING SYSTEMS

EXHAUST SYSTEMS FOR AIR CONVEYING OF VAPORS, GASES, MISTS, AND

VENTILATION CONTROL AND FIRE PREVENTION OF COMMERCIAL COOKING OPERATIONS.

NFPA-99 (2021) (WHERE APPLICABLE) HEALTH CARE FACILITIES

NON-COMBUSTIBLE PARTICULATE SOLIDS

THE FLORIDA SPECIFIC EDITION OF NFPA 101. THE LIFE SAFETY CODE (2021 EDITION) [69A-3.012(1) FAC] [69A-53.004 FAC]

NFPA-110 (2019) EMERGENCY AND STANDBY POWER SYSTEMS

NFPA-241 (2019) STANDARD FOR SAFEGUARDING CONSTRUCTION. ALTERATION, AND DEMOLITION OPERATIONS.

LIGHTNING PROTECTION CODE

- FLORIDA BUILDING CODE, BUILDING 8TH EDITION (2023)
- FLORIDA BUILDING CODE, PLUMBING 8TH EDITION (2023)

FLORIDA BUILDING CODE, MECHANICAL 8TH EDITION (2023)

FLORIDA BUILDING CODE, TEST PROTOCOLS FOR HIGH WIND HURRICANE ZONES 8TH EDITION (2023)

FLORIDA BUILDING CODE, FUEL GAS 8TH EDITION (2023)

FLORIDA FIRE PREVENTION CODE 8TH EDITION (2023)

FLORIDA ACCESSIBILITY CODE 8TH EDITION (2023)

FLORIDA BUILDING CODE, ENERGY EFFICIENCY 8TH EDITION (2023) STATE OF FLORIDA ADMINISTRATIVE CODE NO. 69A-3.012 AND 69A-60. NOTE: WHERE THERE ARE DIFFERENCES BETWEEN SECTIONS OF THE

"BUILDING" AND "MECHANICAL" OR "PLUMBING" CODES, IT WILL BE

ASSUMED THAT THE BUILDING CODE TAKES PRECEDENCE.

PROJECT COORDINATION NOTES:

PLUMBING LEGEND:

SYMBOL

P-No.

CW____

HW

HWR HWR

TW

_____140 HW_____

_____140 HWR____

DI____

RO

ROR

SCW

SHW

SHWR

_____140 SHW____

____140 SHWR____

NG

SV____

SS____

AV

AW____

CD____

GV____

GW____

ORD

RWL

SD

DESCRIPTION

DEMOLITION POINT

COLD WATER SUPPLY

HOT WATER SUPPLY

HOT WATER RECIRCULATION

TEMPERED WATER SUPPLY

140° HOT WATER SUPPLY

DI WATER SUPPLY

RO WATER SUPPLY

RO WATER RECIRCULATION

SOFT COLD WATER SUPPLY

SOFT HOT WATER SUPPLY

SOFT HOT WATER RECIRCULATION

140° SOFT HOT WATER RECIRCULATION

140° SOFT HOT WATER SUPPLY

NATURAL GAS SUPPLY

SANITARY VENT

SANITARY WASTE

CONDENSATE WASTE

OVERFLOW RAIN WATER

ACID VENT

ACID WASTE

GREASE VENT

GREASE WASTE

RAIN WATER

STORM

140° HOT WATER RECIRCULATION

CONNECTION TO EXISTING

PLUMBING FIXTURE DESIGNATION

P TRAP

BALL VALVE

THE CONSTRUCTION COORDINATION OF THIS PROJECT IS OF THE UTMOST IMPORTANCE. ALL CONTRACTORS FOR ALL DIVISIONS OF THE WORK SHALL GUARANTEE THAT THEIR WORK IS IN ACCORD WITH THE ARCHITECTURAL CONTRACT DOCUMENTS. IF APPLICABLE, SHOULD IT BE NECESSARY TO ACCOMPLISH WORK IN AREAS WHICH ARE NOT INCLUDED IN THE DESIGNATED PROJECT SCOPE, SUCH WORK SHALL BE DONE WITH THE MINIMUM OF DISTURBANCES POSSIBLE AND WITHOUT CAUSING THE INTERRUPTION OF EXISTING SERVICES. ALL SERVICE INTERRUPTIONS THAT ARE ESSENTIAL TO THE WORK SHALL BE SCHEDULED, IN WRITING, WITH THE ARCHITECT AND, THEREBY, WITH THE OWNER\FACILITY. ALL CONTRACTORS FOR ALL TRADES SHALL COOPERATE AND COORDINATE THEIR WORK TO ALLOW THE COMPLETION OF ALL WORK WITH THE LEAST POSSIBLE NUMBER ON INTERFERENCE'S WITH THE SERVICES OF THE EXISTING BUILDING.

THE DESIGN DRAWINGS OF ALL CATEGORIES AND TRADES (ARCHITECTURAL, STRUCTURAL, PLUMBING, FIRE PROTECTION, MEDICAL GAS, MECHANICAL, HEATING, VENTILATING AND AIR CONDITIONING AND ELECTRICAL) AND ALL SPECIFICATIONS AND SHOP DRAWINGS MUST BE COORDINATED AND BE VIEWED IN CONNECTION AND CONJUNCTION WITH EACH OTHER TO INSURE THE PROPER LOCATION OF ALL DEVICES AND EQUIPMENT. MAKE PARTICULAR NOTE OF LOCATIONS AND DIMENSIONS SHOWN ON THE ARCHITECTURAL FLOOR PLANS AND ELEVATIONS.

DRAINAGE PIPING IN CLEAN SPACES:

1. WHERE DRAINAGE (SANITARY, RAIN WATER, ETC.) PIPING IS INSTALLED ABOVE THE CEILING OF, OR EXPOSED IN, OPERATING ROOMS, PROCEDURE ROOMS, STERILE PROCESSING FACILITIES, CLASS 2 AND 3 IMAGING ROOMS, ELECTRONIC MAINFRAME ROOMS, MAIN SWITCHGEAR AND ELECTRICAL ROOMS, AND ELECTRONIC DATA PROCESSING AREAS, THE PIPING SHALL HAVE SPECIAL PROVISIONS (E.G., DOUBE-WALL CONTAINMENT PIPING OR DRIP TROUGH / PAN) TO PROTECT THE SPACE BELOW FROM LEAKAGE AND CONDENSATION.

2. WHERE A DRIP TROUGH / PAN IS USED TO MEET THIS REQUIREMENT, IT SHALL BE ACCESSIBLE AND HAVE AN OVERFLOW DRAIN WITH A LABELLED OUTLET LOCATED IN A NORMALLY OCCUPIED ROOM OR AREA THAT IS NOT OPEN TO A CLEAN OR RESTRICTED AREA.

3. PROVIDE DRIP TROUGH / PAN WITH 3/4" DRAIN UNDER ALL DRAINAGE PIPING ABOVE CEILINGS IN AREAS INDICATED IN NOTE #1. ROUTE DRAIN FROM DRIP TROUGH / PAN TO 12" ABOVE FINISHED FLOOR IN A SPACE AS INDICATED IN NOTE #2. SPILL ON FLOOR IN A VISIBLE LOCATION. LABEL PIPING AND DRAIN TO "NOTIFY MAINTENANCE IF ANY WATER IS VISIBLE FROM DISCHARGE OF PIPING".

PLUMBING FIXTURE COUNT

FIXTURE COUNT (PER FBC TABLE 2902.1)	REQUIRED	PROVIDED
BUSSINESS (B)		
INCLUDES: OFFICES 4,591/ 150= 31		
MALE & FEMALE WATER CLOSETS (1 PER 25 FOR THE FIRST 50) = 2 (1 PER 50 FOR THE REMAINDER 0) = 0	2	3
MALE & FEMALE LAVATORIES (1 PER 40 FOR THE FIRST 80) = 1 (1 PER 80 FOR THE REMAINDER 0) = 0	1	3
DRINKING FOUNTAINS (1 PER 100) = 1 FBC: SECTION 410.3 (HIGH & LOW)	1	1
SERVICE SINK = 1 REQUIRED	1	1

PLUMBING GENERAL NOTES:

. PROVIDE AND INSTALL TRAP PRIMERS FOR ALL FLOOR DRAINS AND SHOWER DRAINS. TRAP PRIMER SUPPLY LINE TO CONNECT TO 1-1/4" CW LINE MAXIMUM. PROVIDE SERVICE VALVE. TRAP GUARDS SHALL NOT BE ACCEPTED. EXCEPT AS NOTED. PROVIDE TRAP GUARDS ON FLOOR SINKS INSTALLED FOR FUTURE EQUIPMENT NOT BEING PROVIDED AS PART OF

THIS PROJECT. 2. IN ADDITION TO VALVES SHOWN ON PLANS, PROVIDE ACCESSIBLE SERVICE VALVE(S) IN EACH WATER LINE SERVING EACH PLUMBING FIXTURE OR OWNER FURNISHED EQUIPMENT, IN ADDITION TO STOPS. FOR HEALTHCARE FACILITIES, PROVIDE SHUTOFF VALVES IN EACH WATER MAIN, BRANCH MAIN, RISER AND BRANCH TO A GROUP OF FIXTURES PER SECTION 2.1-8.4.2.3(2) OF THE APPLICABLE EDITION OF THE FGI GUIDELINES.

3. BV-## DENOTES BALANCING VALVE AND GPM SETTING.

4. CONNECT ALL NEW PLUMBING FIXTURES TO SANITARY SEWER MAINS AS INDICATED OR NOTED ON THE PLANS.

5. COLLECT AND ROUTE ALL NEW SANITARY SEWER VENT PIPING FROM NEW PLUMBING FIXTURES TO SANITARY VENTS AS INDICATED OR NOTED ON

6. ROUTE ALL NEW CW AND HW PIPING FROM NEW PLUMBING FIXTURES TO MAINS AS INDICATED OR NOTED ON THE PLANS.

7. COORDINATE ALL PLUMBING PIPING WITH NEW AND EXISTING MECHANICAL DUCTWORK. SPECIAL ATTENTION SHALL BE PAID TO PIPING UNDERGROUND OR ON OTHER FLOORS NOT WITHIN THE DIRECT SCOPE OF

8. PROVIDE CLEAN-OUTS ON SANITARY SEWER AND RAIN WATER LEADER PIPING AT ALL CHANGES IN DIRECTION GREATER THAN 45 DEGREES AND AT THE BASE OF EACH STACK. PROVIDE CLEANOUTS OR METHOD OF CLEANOUT A MAXIMUM OF EVERY 100 FEET, AS REQUIRED BY PLUMBING CODE 708.1.1. THE LOCATION OF ALL CLEANOUTS, VALVES, GAUGES, ETC. SHALL BE LOCATED FOR ACCESS OR SERVICE IN REFERENCE TO THE FINISHED BUILDING. REFER TO THE DRAWINGS FOR APPLICABLE DETAILS. WALL CLEANOUTS SHALL BE 18" A.F.F. AND FLOOR CLEANOUTS SHALL BE LOCATED WITHIN 12" OF AN ADJACENT WALL.

9. AS MUCH AS POSSIBLE, ROUTE PLUMBING WITHIN STRUCTURAL JOIST

10. CONTRACTOR TO PROVIDE A SHOCKTROL AT ALL WATER CLOSETS, URINALS, CLINICAL SINKS, OR WHERE ANY QUICK-CLOSING VALVES ARE UTILIZED. SHOCKTROL TO BE ZURN SERIES Z-1700 OR EQUIVALENT. SHOCKTROL SIZE TO BE A #100 FOR SINGLE FIXTURES AND A #200 FOR BACK TO BACK FIXTURES. INSTALL SHOCK ARRESTORS IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. PROVIDE ACCESS TO ALL SHOCKTROLS THRU ACCESS PANELS, LAY-IN CEILINGS, WALL IN CHASE.

1. THESE DOCUMENTS SHALL FOLLOW THE ADA GUIDELINES FOR ACCESSIBILITY TO PLACES OF PUBLIC ACCOMMODATION AND COMMERCIAL FACILITIES BY INDIVIDUALS WITH DISABILITIES. THESE GUIDELINES ARE TO BE APPLIED DURING DESIGN, CONSTRUCTION AND ALTERATION OF SUCH BUILDING AND FACILITIES TO THE EXTENT REQUIRED BY REGULATIONS ISSUED BY FEDERAL AGENCIES. INCLUDING THE DEPARTMENT OF JUSTICE. UNDER THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE REQUIREMENTS OF ANSI A117.1

12. THE SIZE AND LOCATION OF EXISTING PIPING IS SHOWN ACCORDING TO RECORDED INFORMATION. THE PLUMBING CONTRACTOR SHALL MAKE AN APPROPRIATE PRE-BID SITE INSPECTION IN ORDER TO ASCERTAIN EXISTING CONDITIONS AND SHALL INCLUDE IN THEIR BID THE COST OF ALL WORK RESULTING FROM EXISTING CONDITIONS, WHETHER THIS WORK IS SHOWN OR NOT ON THESE DRAWINGS.

13. PRIOR TO ANY EXCAVATION OR DEMOLITION THIS CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES, THE FACILITY MAINTENANCE DEPARTMENT AND ANY OTHER AVAILABLE SOURCE OF INFORMATION AS TO ABOVE OR BELOW GROUND SERVICES THAT SHALL BE AVOIDED. CONTRACTOR SHALL INFORM THE OWNER ONE WEEK IN ADVANCE OF ANY DISRUPTION OF SERVICES TO THE FACILITY AND SHALL NOT PROCEED WORK WITHOUT WRITTEN APPROVAL FROM THE OWNER. CONTRACTOR SHALL REPAIR ANY SERVICES (ABOVE OR BELOW GROUND) DAMAGED BY WORK THE CONTRACTOR PERFORMED. REPAIRS SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER.

14. CEILING TILES, FIXTURES AND GRID THAT ARE REQUIRED TO BE REMOVED IN EXISTING AREAS IN ORDER TO FACILITATE NEW WORK SHALL BE PERFORMED BY THE GENERAL CONTRACTOR.

15. CUT AND PATCH AS REQUIRED FOR INSTALLATION.

REVISIONS TO PIPING SHALL BE MADE ONLY WHEN A CONFLICT WITH OTHER TRADES OCCURS AND SHALL BE APPROVED BY THE ARCHITECT/ENGINEER. 17. WHERE PLUMBING SERVICES ARE REQUIRED FOR EQUIPMENT FURNISHED UNDER OTHER SECTIONS OR PROVIDED BY THE OWNER (OFCI), THE CONTRACTOR SHALL DETERMINE ACCURATE ROUGHING REQUIREMENTS IN ADVANCE OF WORK, SET EQUIPMENT IN PLACE, MAKE NECESSARY SERVICE CONNECTIONS AND PROVIDE ACCESSORIES AS REQUIRED. REFER TO "EQUIPMENT SCHEDULE (OFCI)", KITCHEN

16. ALL PIPING SHALL BE INSTALLED AS CLOSE TO PLANS AS POSSIBLE.

VENDOR DRAWINGS, WHERE APPLICABLE. 18. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND ROUGHING DIMENSIONS OF ALL PLUMBING FIXTURES, DRAINS, ETC.

EQUIPMENT DRAWINGS, AND WATER TREATMENT / DI TYPE SYSTEMS

19. ALL FLOOR DRAINS AND FLOOR SINKS SHALL BE SERVED BY AN APPROVED TRAP PRIMER. EXCEPTION: SHOWER AND KITCHEN DRAINS.

20. ALL HOSE BIBBS, WALL HYDRANTS AND HOSE END CONNECTIONS BE EQUIPPED WITH AN APPROVED INTEGRAL VACUUM BREAKER AND BE INSTALLED 24" ABOVE FINISHED FLOORS OR GRADE.

21. DIELECTRIC UNIONS SHALL BE INSTALLED AT ALL CONNECTIONS OF DISSIMILAR METALS (SUCH AS COPPER TO GALVANIZED STEEL).

22. ALL VENT PENETRATIONS THRU THE ROOF SHALL BE LOCATED A MINIMUM OF 25'-0" FROM ALL FRESH AIR INTAKES.

23. FOR UNDERGROUND SANITARY WASTE PIPING, CAST IRON SHALL BE INSTALLED FOR THE FIRST TEN FEET ON THE DRAIN SERVING ANY STERILIZER OR OTHER EQUIPMENT THAT MAY DISCHARGE WASTE WATER ABOVE 140°F. FOR DISCHARGE ABOVE 212DEGF PROVIDE A TEMPERING VALVE TO LIMIT THE WASTEWATER ENTERING THE SANITARY PIPING TO 140 DEGREES F. PER FBCP 702.5.

24. PVC PIPING SHALL NOT BE INSTALLED WITHIN RETURN AIR PLENUM.

25. ALL MECHANICAL EQUIPMENT INCLUDING BUT NOT LIMITED TO CONDENSING UNITS, CONTROL PANELS, AIR HANDLING UNIT EQUIPMENT, AND VARIABLE FREQUENCY DRIVES SHALL HAVE SCCR (SHORT CIRCUIT CURRENT RATING) GREATER THAN OR EQUAL TO THE AMPERE INTERRUPTING CAPACITY (AIC) RATING OF THE ELECTRICAL DISTRIBUTION SYSTEM SERVING THE EQUIPMENT. COORDINATE AIC AND SCCR REQUIREMENTS WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING ELECTRICAL EQUIPMENT. ANY EQUIPMENT FOUND ON SITE WITH SCCR RATING LESS THAN REQUIRED WILL BE CORRECTED AT CONTRACTOR'S

26. ALL PUBLIC SINKS AND LAVATORIES SHALL BE PROVIDED WITH A THERMOSTATIC MIXING VALVE TO INSURE THAT HOT WATER TEMPERATURE DOES NOT EXCEED 110°F. VALVE TO BE ASSE 1070 COMPLIANT AND BE EQUIVALENT TO SYMMONS S-210CK, ZURN TMV-1, WILKINS 38-ZW3870-T OR WILKINS 38-ZW-1070-C.

27. REFER TO FIRE PROTECTION DETAILS FOR U.L. RATED WALL PENETRATION DETAILS.

28. PROVIDE DEEP SEAL P-TRAP AT ALL SHOWER DRAINS AND FLOOR DRAIN AT VACUUM PUMP DISCHARGE, IF APPLICABLE.

29. FOR BUSINESS OCCUPANCY PROJECTS, MAXIMUM ALLOWABLE PIPE LENGTH FOR NON-PUBLIC FIXTURES IS 43 FEET (FROM SOURCE (INCLUDING CIRCULATING LINE) FOR 1/2"HW PER FECC TABLE C404.5.1.

PLUMBING SHEET LIST				
SHEET IUMBER	SHEET NAME			
P000	PLUMBING LEGENDS			
P100	PLUMBING UNDERGROUND			
P110	PLUMBING FIRST FLOOR PLAN			
P600	PLUMBING ISOMETRICS			
P800	PLUMBING DETAILS			
P801	PLUMBING DETAILS			

Project Architect:

Mason Blau & Associates 4625 E Bay Drive, #228. Clearwater, FL 33764 AR0013034 T: 727.530.0570



CONSULTING ENGINEERS 3031 N. ROCKY POINT DR. W., SUITE 750 PHONE (813) 882-4415 WWW.ICTHOMASSON.COM ICT PROJECT NO. 240626.00 FIRM CERTIFICATE OF AUTHORIZATION FLORIDA REG. #CA-0001276 MECHANICAL ENGINEER DAN A. NESMAN, P.E. FLORIDA #54888 ELECTRICAL ENGINEER

MANNY CRUZ Jr., P.E.

Seal & Signature:

Project Name:

JACKSON

Project Number: 24011 Project Location: 3030 Hospital Drive

Marianna, FL 32446

CONSTRUCTION DOCUMENTS Issue Date: 4/17/25

No. Description Date

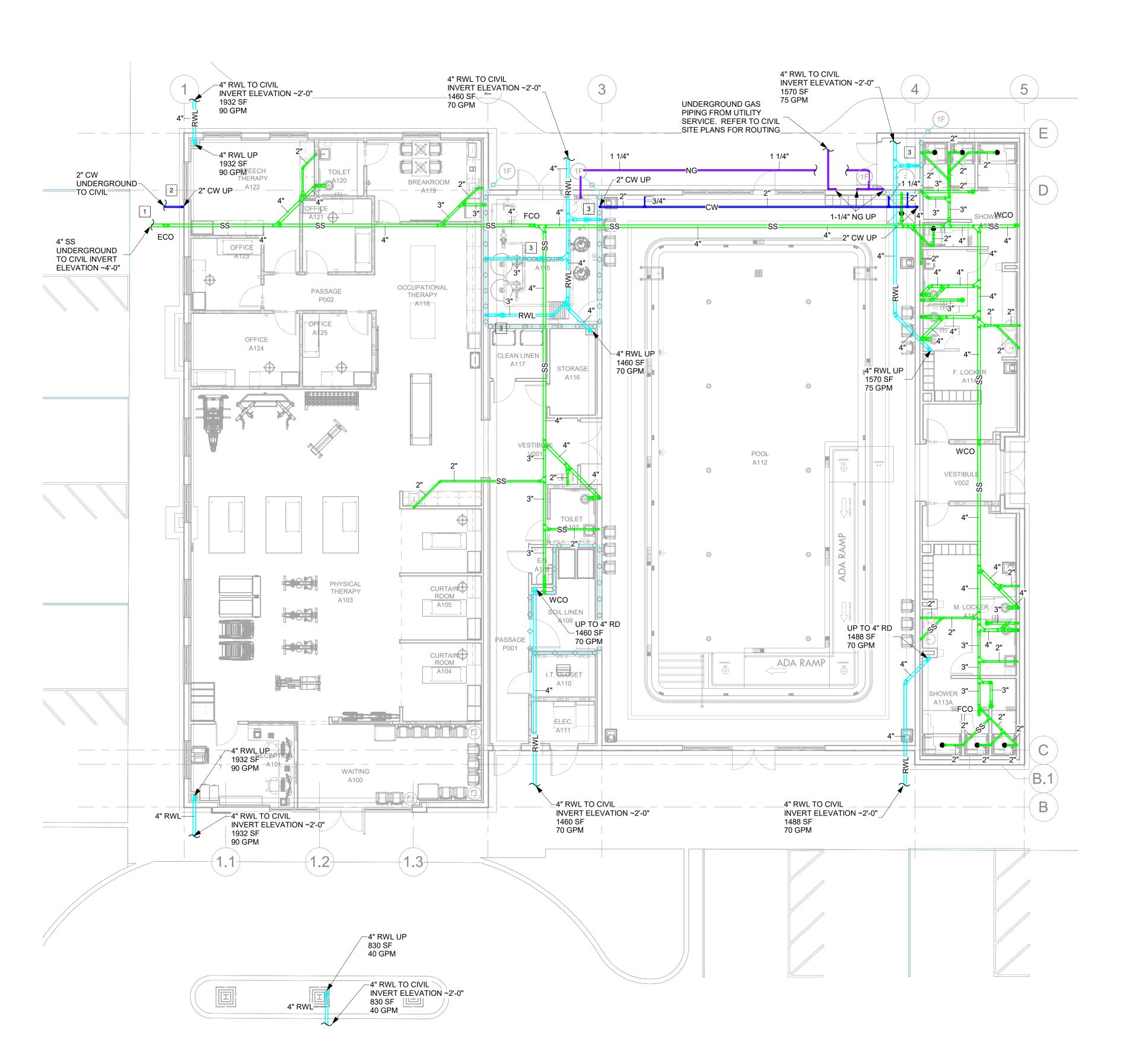
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Drawing Title: **PLUMBING LEGENDS**

P000

Drawing Number:

Drawn by: MS Checked by: Checker Scale: 1/8" = 1'-0"



PLUMBING - UNDERGROUND

1/8" = 1'-0"

GENERAL NOTES:

A. FIELD VERIFY EXACT SIZE AND ROUTING OF EXISTING SANITARY AND DOMESTIC WATER PIPING.

B. SLOPE 3" - 6" SANITARY PIPING AT MINIMUM 1/8" PER FOOT. SLOPE 2" SANITARY PIPING AT MINIMUM 1/4" PER FOOT. FIELD VERIFY EXISTING EXACT INVERT ELEVATIONS.

C. REFER TO PLUMBING LEGEND SHEET AND PLUMBING ISOMETRIC DIAGRAMS FOR FIXTURE NUMBERS.

D. PRIOR TO ROUGH-IN, STRICTLY COORDINATE FLOOR SINK AND DRAIN LOCATIONS WITH VENDOR EQUIPMENT DRAWINGS AND MECHANICAL

CODED NOTES:

1. CONNECT NEW 4" SANITARY UNDERGROUND TO EXISTING AT THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT LOCATION AND INVERT ELEVATION. REFER TO CIVIL UTILITY PLAN FOR BACKFLOW PREVENTER AND

2. EXTEND NEW 2" DOMESTIC WATER UNDERGROUND TO EXISTING. FIELD VERIFY EXACT ROUTING AND TIE-IN LOCATION.

3. FLOOR DRAIN FOR CONDENSATE. PROVIDE BACKWATER VALVE PRIOR TO CONNECTION TO STORM DRAIN.

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CONSULTING ENGINEERS
3031 N. ROCKY POINT DR. W., SUITE 750
TAMPA, FL. 33607
PHONE (813) 882-4415
WWW.ICTHOMASSON.COM
ICT PROJECT NO. 240626.00 FIRM CERTIFICATE OF AUTHORIZATION FLORIDA REG. #CA-0001276 MECHANICAL ENGINEER DAN A. NESMAN, P.E. FLORIDA #54888 ELECTRICAL ENGINEER MANNY CRUZ Jr., P.E. FLORIDA #92000

Project Name:

Seal & Signature:

JACKSON PHYSICAL THERAPY CENTER

Project Number: 24011 Project Location: 3030 Hospital Drive Marianna, FL 32446

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INO.	Description	Date

PARTITION LEGEND

FOUR HOUR FIRE / SMOKE BARRIER

FOUR HOUR FIRE WALL TWO HOUR FIRE / SMOKE BARRIER TWO HOUR FIRE WALL →S →S →S →S ONE HOUR FIRE / SMOKE BARRIER ◆ ◆ ◆ ◆ ONE HOUR FIRE WALL NON-RATED PARTITION

SOUND ATTENUATION BATT (1 HOUR) SOUND ATTENUATION BATT (2 HOUR)

SHAFT WALL ASSEMBLY (RATING WITHIN WALL) — SW2 — SW2 — SW2 — SHAFT WALL (2 HOUR)

(1 HOUR) SHAFT WALL ASSEMBLY (RATING WITHIN WALL) LEAD LINED PARTITION (LEAD THICKNESS INDICATED IN MM) _____ 2 MM _____ LEAD LINED PARTITION

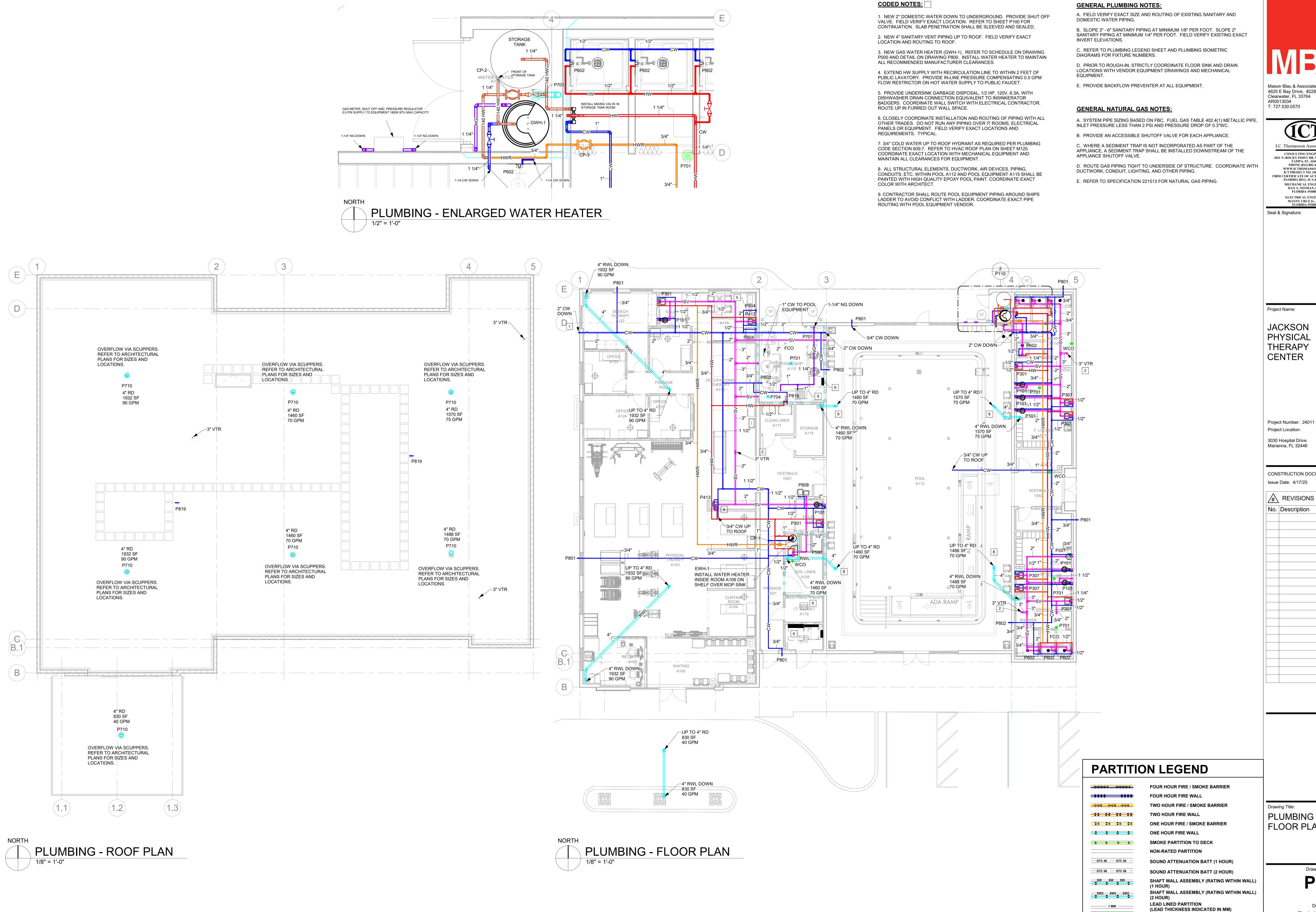
(LEAD THICKNESS INDICATED IN MM)

Drawing Title: PLUMBING UNDERGROUND

Drawn by: MS

Drawing Number:

Checked by: Checker Scale: 1/8" = 1'-0"



Project Architect:

Mason Blau & Associates 4625 E Bay Drive, #228, Clearwater, FL 33764 AR0013034 T: 727.530.0570



CONSULTING ENGINEERS
3031 N. ROCKY POINT DR. W., SUITE 750
TAMPA, FL. 33607
PHONE (813) 882-4415 WWW.ICTHOMASSON.COM ICT PROJECT NO. 240626.00 FIRM CERTIFICATE OF AUTHORIZATION FLORIDA REG. #CA-0001276 MECHANICAL ENGINEER DAN A. NESMAN, P.E. FLORIDA #54888 ELECTRICAL ENGINEER MANNY CRUZ Jr., P.E. FLORIDA #92000

Project Name:

JACKSON PHYSICAL THERAPY CENTER

Project Number: 2401 Project Location: 3030 Hospital Drive Marianna, FL 32446

CONSTRUCTION DOCUMENTS Issue Date: 4/17/25

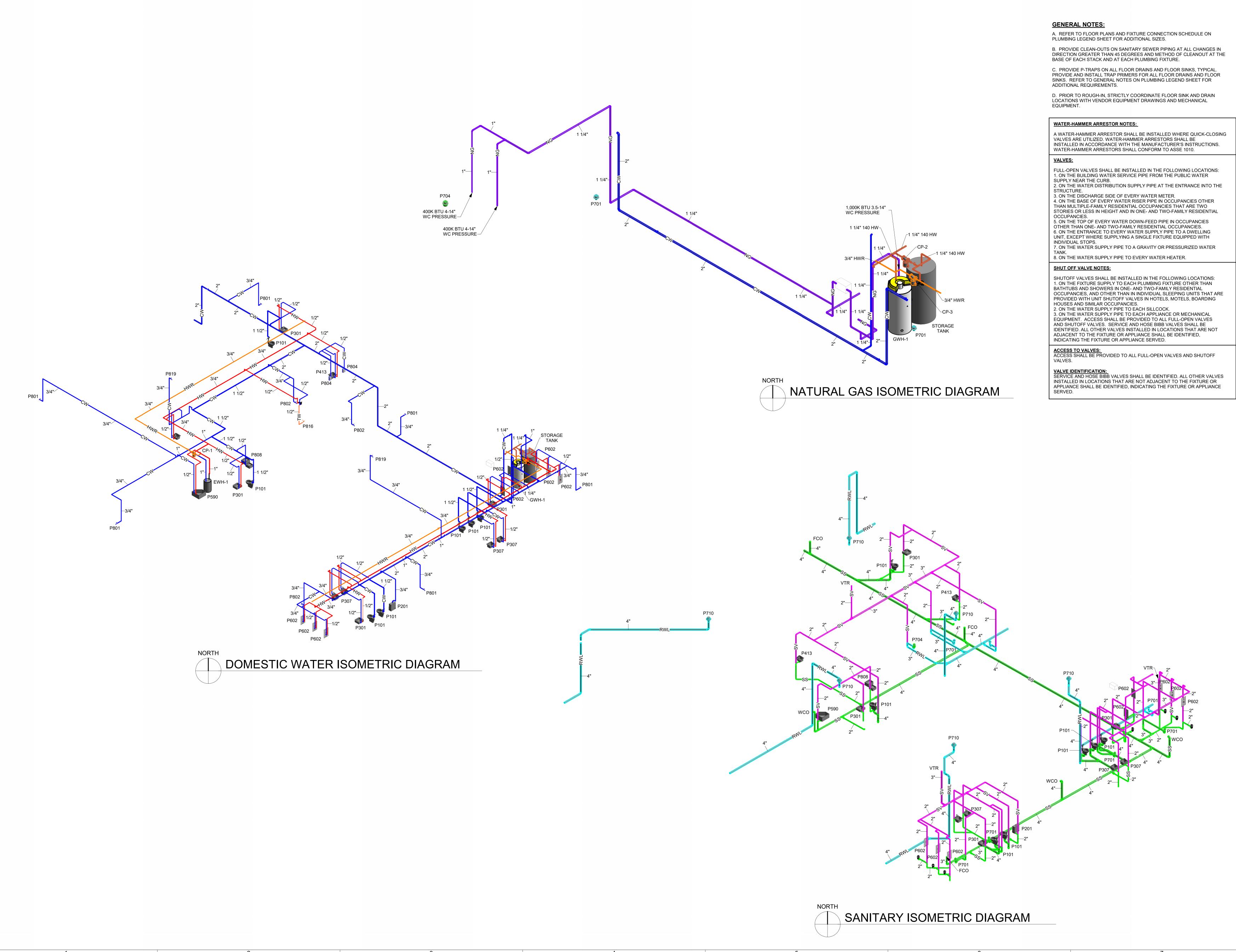
Drawing Title: PLUMBING FIRST FLOOR PLAN

Drawing Number:

Drawn by: MS Checked by: Checker Scale: As indicated

______ 2 MM _____ LEAD LINED PARTITION

(LEAD THICKNESS INDICATED IN MM)



Project Architect:

Mason Blau & Associates 4625 E Bay Drive, #228, Clearwater, FL 33764 AR0013034 T: 727.530.0570



CONSULTING ENGINEERS
3031 N. ROCKY POINT DR. W., SUITE 750
TAMPA, FL. 33607
PHONE (313) 882-4415 WWW.ICTHOMASSON.COM ICT PROJECT NO. 240626.00 FIRM CERTIFICATE OF AUTHORIZATION FLORIDA REG. #CA-0001276 MECHANICAL ENGINEER DAN A. NESMAN, P.E. FLORIDA #54888 ELECTRICAL ENGINEER

MANNY CRUZ Jr., P.E. FLORIDA #92000 Seal & Signature:

Project Name:

JACKSON THERAPY CENTER

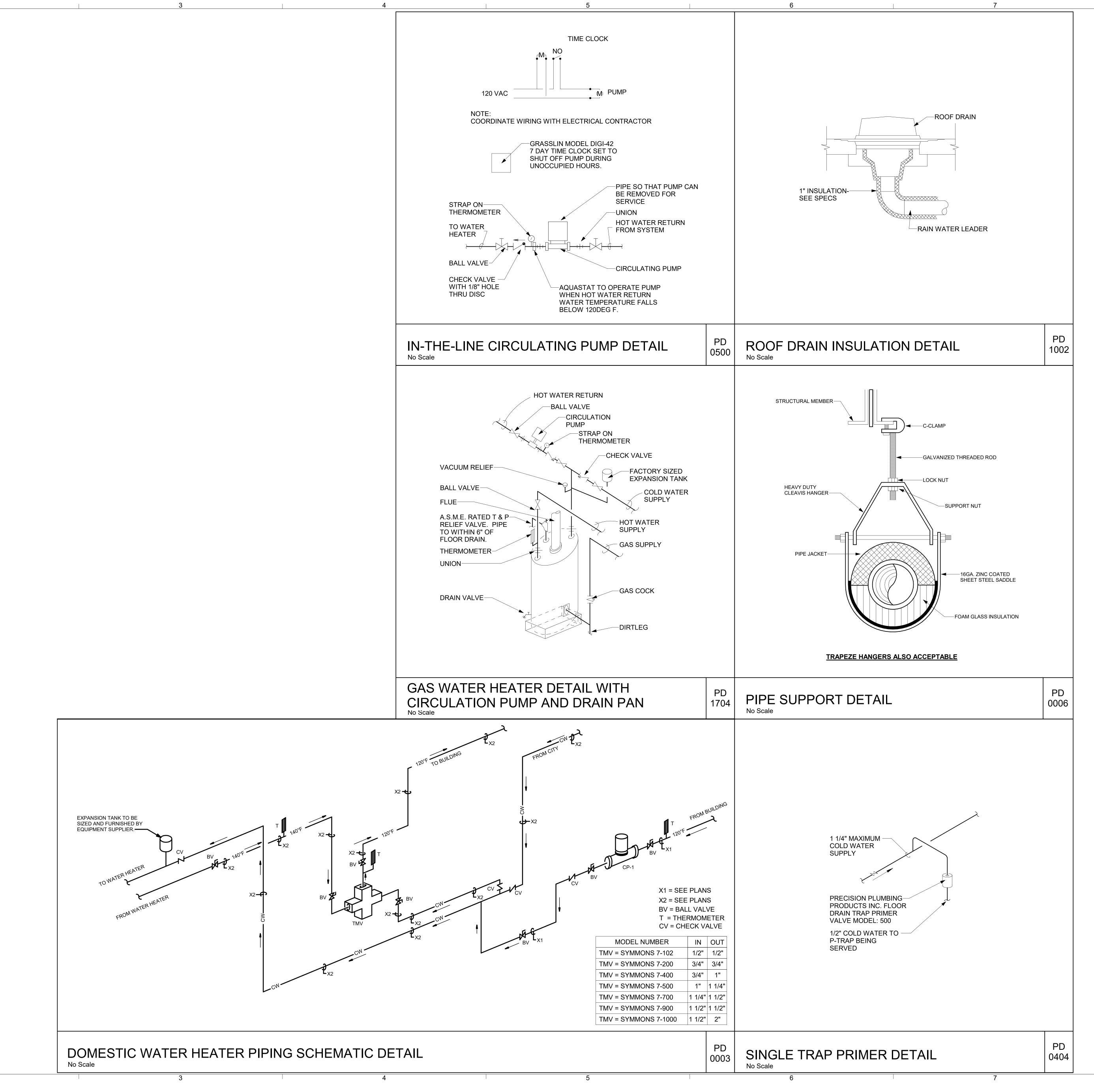
3030 Hospital Drive Marianna, FL 32446

Issue Date: 4/17/25

PLUMBING ISOMETRICS

P600

Checked by: Checker Scale: 1/8" = 1'-0"



Project Architect:

Mason Blau & Associates 4625 E Bay Drive, #228, Clearwater, FL 33764 AR0013034



Project Name:

Seal & Signature:

JACKSON PHYSICAL THERAPY CENTER

Project Number: 24011
Project Location:
3030 Hospital Drive

Marianna, FL 32446

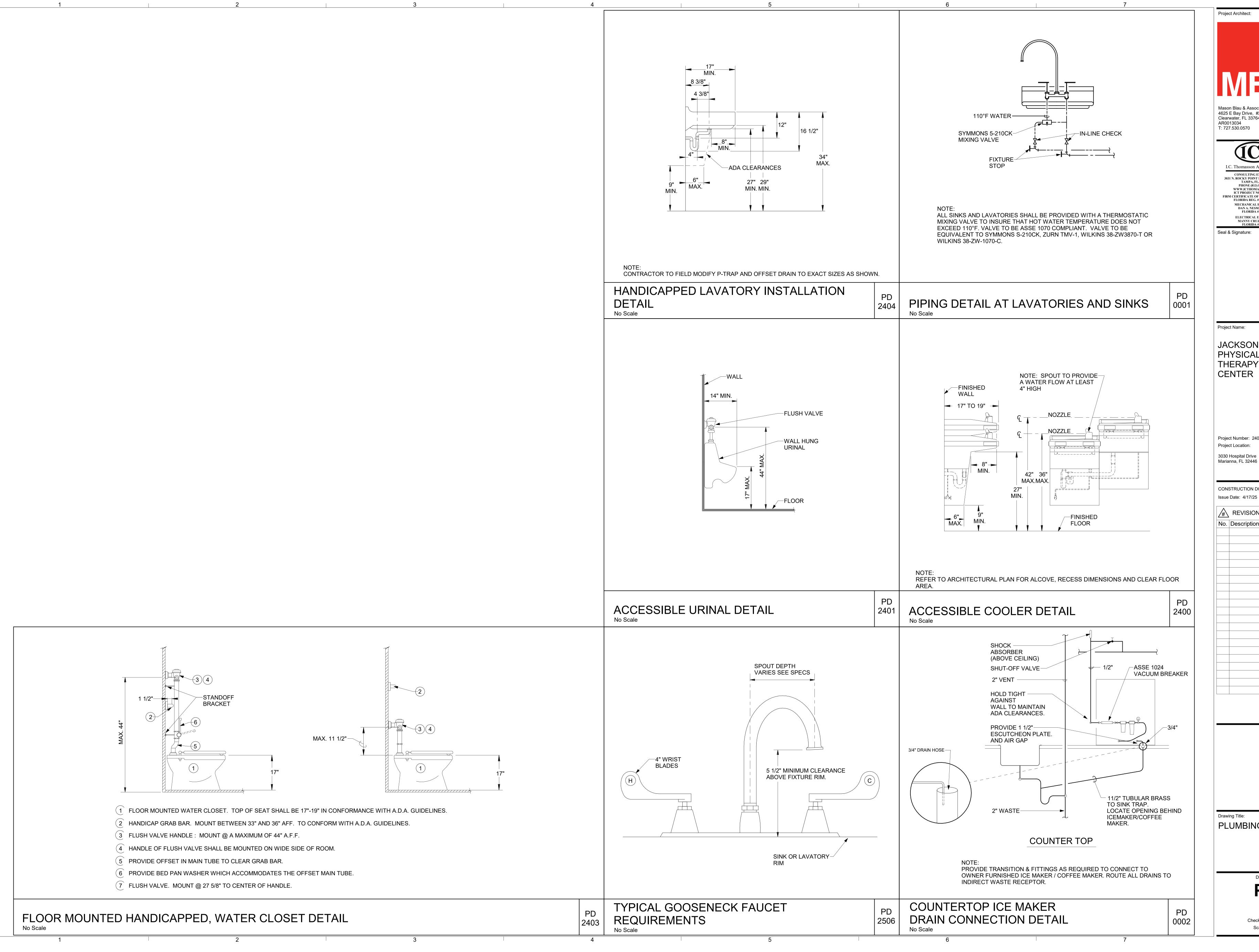
CONSTRUCTION DOCUMENTS

# REVISIONS		
No.	Description	Date

Drawing Title:
PLUMBING DETAILS

P800

Drawn by: MS
Checked by: Checker
Scale: 1/8" = 1'-0"



Mason Blau & Associates 4625 E Bay Drive, #228, Clearwater, FL 33764

AR0013034 T: 727.530.0570

CONSULTING ENGINEERS
3031 N. ROCKY POINT DR. W., SUITE 750
TAMPA, FL. 33607
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MANNY CRUZ Jr., P.E. FLORIDA #92000

Project Name:

JACKSON PHYSICAL THERAPY CENTER

Project Number: 24011 Project Location: 3030 Hospital Drive

CONSTRUCTION DOCUMENTS

Issue Date: 4/17/25 REVISIONS No. Description Date

Drawing Title: PLUMBING DETAILS

> Drawing Number: P801

Drawn by: MS Checked by: Checker Scale: 1/8" = 1'-0"