PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	TRIM	CONNECTIONS CW	HW	TW	W	V	NOTES
WC-1	ADA FLOOR MOUNTED WATER CLOSET WITH 1.6 GPF MANUAL FLUSH VALVE	AMERICAN STANDARD	MADERA 2854.016	FLUSH VALVE: MODEL 6047.161 (INCLUDED)	1-1/2"	--	--	4"	2"	5
		CRANE	HYMONT 3HT01	CHURCH 9500C OPEN FRONT SEAT						
		TOTO	CT705ELN	TOTO SC534 OPEN FRONT SEAT						
L-1	ADA WALL HUNG LAVATORY	AMERICAN STANDARD	LUCERNE 0355.012	FAUCET: F-1	--	--	--	1-1/2"	1-1/2"	2, 3, 5
		CRANE	HARWICH 1-412	GRID STRAINER						
				CONCEALED ARM CARRIER						
SH-1	ADA SURFACE MOUNTED AIR CONTROL SINGLE TEMPERATURE METERING	ACORN ENGEERING	456BADA-W-PBH	SURFACE MOUNT SOAP DISH SUPPLY COVER TO CEILING	--	--	1/2"	2"	1-1/2"	1, 5
F-1	ADA HANDS FREE LAVATORY FAUCET	TOTO	TEL105-DIOE	0.5 GPM, SELF-GENERATING BATTERY, GRID STRAINER, COVERPLATE	--	--	1/2"	--	--	5
FD-1	7" ROUND FLOOR DRAIN	WADE	1100STD	NICKEL BRONZE STRAINER DEEP SEAL TRAP	--	--	--	2"	2"	4
		ZURN	Z-415							
		SMITH	2005							
MV-1	THERMOSTATIC MIXING VALVE ASSE 1017, 1069	LEONARD	XL-690-LF	20F TO 240F THERMOMETER CONTROL LOCKING DEVICE 0.5 GPM MINIMUM FLOW	1"	1"	1-1/4"	--	--	4
RP-1	RECIRCULATION PUMP RECIRCULATION PUMP	BELL & GOSSETT	ECOCIRC 20-18	1/12 HP, 120V STRAP-ON AQUASTAT 2.5 GPM, 15' HEAD	--	--	3/4"	--	--	4
		ARMSTRONG	ASTRO 250							
		TACO	008							

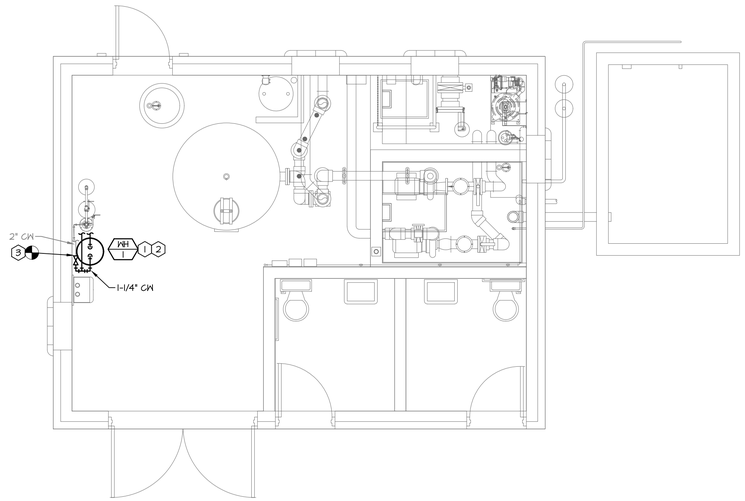
NOTES:
1. PROVIDE WINTERIZATION VALVE FOR SHOWER FIXTURES.
2. FAUCET HOLES TO MATCH FAUCET SPECIFIED.
3. MOUNT WITH HANDICAPPED RECEPTOR RIM 34" ABOVE FLOOR.
4. PIPE SIZE AS SHOWN ON DRAWING.
5. FIXTURE ASSEMBLY MUST BE APPROVED BY AND INSTALLED PER ADA.

GENERAL NOTES:
A. PROVIDE INSULATION KIT ON ALL ADA FIXTURES WITH EXPOSED TRAP AND SUPPLIES.

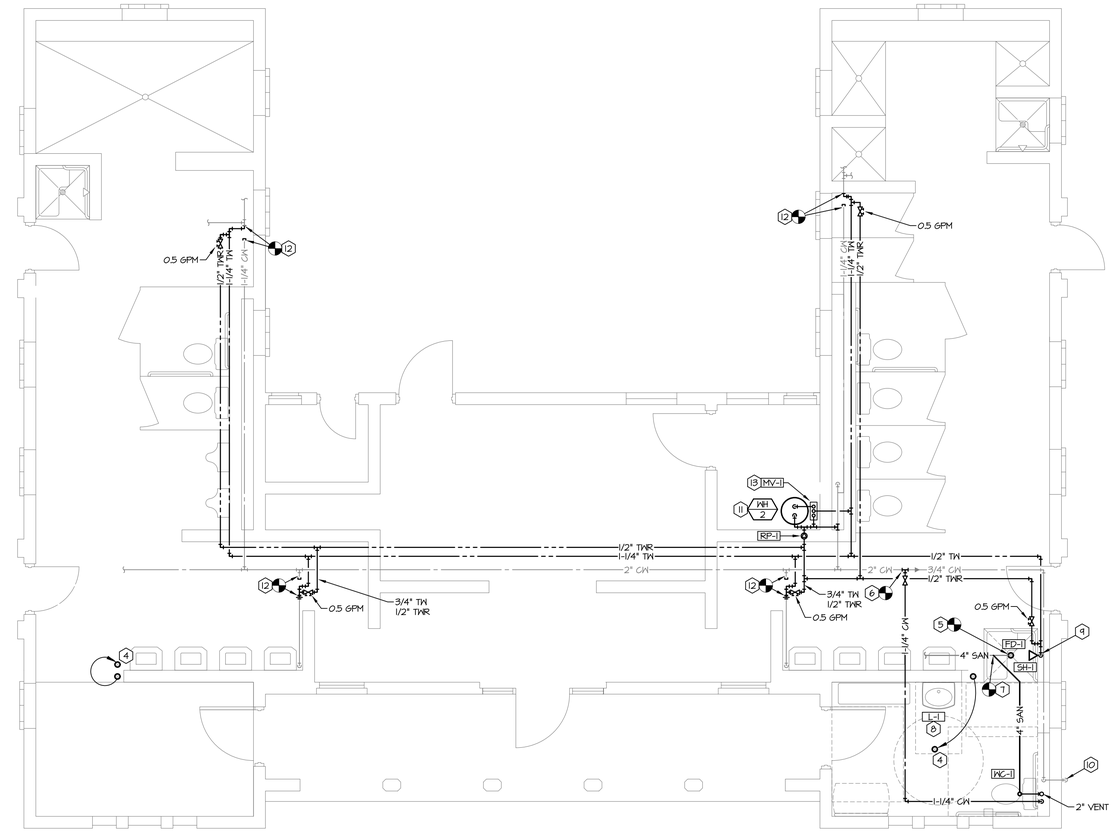
WATER HEATER SCHEDULE

MARK	MANUFACTURER	MODEL	CAPACITY (GAL)	INPUT (kW)	RECOVERY (GPH)	V/PH	NOTES
WH-1	BRADFORD WHITE	LD-50L3-3-1500W	47	1.5	7.0	120/1	
WH-2	BRADFORD WHITE	LD-50L3-3-1500W	47	1.5	7.0	120/1	

GENERAL NOTES (APPLIES TO ALL ABOVE):
A. PROVIDE ASME PRESSURE AND TEMPERATURE RELIEF VALVE.
B. PROVIDE DIELECTRIC CONNECTIONS AT WATER HEATER.



2 Filter Room Plumbing Plan
Scale: 1/4" = 1'-0"



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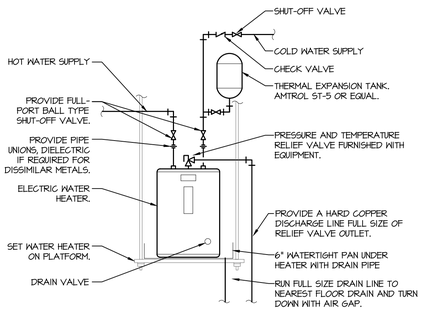
3 Bathhouse Plumbing Plan
Scale: 1/4" = 1'-0"



NOTES:
1. PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS. REFER TO FLOOR PLANS FOR PIPE SIZES. SET HEATER THERMOSTAT AT 140F. PROVIDE CLEARANCES RECOMMENDED BY MANUFACTURER.

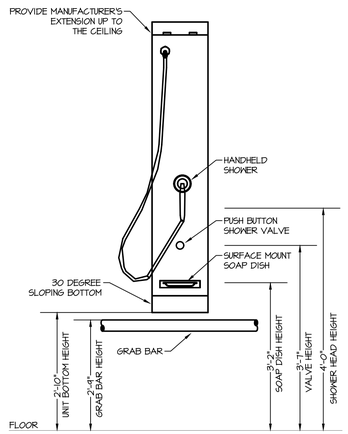
4 Water Heater Detail
Scale: Not to Scale

GENERAL NOTES:

A. THESE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL EXTENT OF THE WORK. PROVIDE PLUMBING SYSTEMS COMPLETE AND PER APPLICABLE CODES INCLUDING ALL NECESSARY COMPONENTS AND OFFSETS WHICH ARE REQUIRED DUE TO SPACE CONSTRAINTS OR OTHER CONDITIONS.
B. REFER TO THE ARCHITECTURAL PLANS FOR THE EXACT LOCATIONS OF PLUMBING FIXTURES.
C. COORDINATE THE INSTALLATION OF PLUMBING AND PIPING WITH THE WORK OF ALL OTHER TRADES.
D. PIPING SHALL NOT BE LOCATED OVER ELECTRICAL EQUIPMENT OR PANELS. PROVIDE THE CODE REQUIRED WORKING CLEARANCE AROUND ALL ELECTRICAL EQUIPMENT AND PANELS.
E. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL PLUMBING SYSTEMS.
F. COORDINATE THE SHUT DOWN OF ANY EXISTING SERVICES AND/OR EQUIPMENT WITH THE OWNER'S REPRESENTATIVE.
G. PLUMBING VENT PIPING THROUGH THE ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" AWAY FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 18" CLEAR FROM THE INSIDE FACE OF THE PARAPET.
H. PROVIDE THE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.
I. SLOPE ALL DOMESTIC WATER PIPING TO LOW POINTS IN THE SYSTEM AND PROVIDE DRAINS TO ALLOW COMPLETE DRAINING FOR WINTER SHUT-DOWN. INSTALL AIR VALVE AT DISCHARGE OF BACKFLOW PREVENTER FOR SYSTEM BLOW-OUT. AT PROJECT CLOSE-OUT, PLUMBING CONTRACTOR SHALL PROVIDE INSTRUCTIONS TO OWNER FOR COMPLETE WINTERIZATION OF SYSTEM, INCLUDING REMOVAL OF BACKFLOW PREVENTION ASSEMBLY, MANUAL WATER REMOVAL FROM RISER TO BELOW FROST-LINE AND WINTERIZATION OF TRAPS. THESE INSTRUCTIONS SHALL BE PROVIDED IN BOTH WRITTEN FORM, AND PERFORMED ON-SITE IN THE PRESENCE OF AN OWNER'S REPRESENTATIVE.
J. ALL CIRCUIT SETTERS IN HOT WATER RECIRCULATION LOOPS ARE TO BE SET FOR 0.5 G.P.M. UNLESS NOTED OTHERWISE.

PLAN NOTES:

1. PROVIDE WATER HEATER SUSPENDED FROM THE NEW STRUCTURE DIRECTLY OVER THE EMERGENCY EYEWASH/SHOWER STATION OR LOCATED IMMEDIATELY ADJACENT. PROVIDE 1" HOT AND COLD WATER CONNECTION TO EMERGENCY MIXING VALVE AND SET THE OUTLET TEMPERATURE TO TO DEG F. WATER HEATER TEMPERATURE SHALL BE SET TO 140 DEG F.
2. EXTEND DRAIN LINES FROM WATER HEATER TO CONCRETE PLUME ON EXTERIOR OF BUILDING, PLAN SOUTH OF THE WATER HEATER. THE DRAIN LINES SHALL BE ADJACENT TO THE SUMP PUMP DISCHARGE LINE.
3. PROVIDE NEW DOMESTIC COLD WATER LINE AS SHOWN AND MAKE CONNECTION TO NEW WATER HEATER.
4. RELOCATE EXISTING FLOOR DRAIN AS SHOWN TO ALLOW FOR THE NEW WALL TO BE BUILT. EXTEND SANITARY AND VENT LINES AS REQUIRED.
5. PROVIDE COMBINATION FLOOR DRAIN W/ CLEANOUT AS SCHEDULED. CONNECT TO EXISTING 4" SANITARY LINE IN THE IMMEDIATE VICINITY. EXTEND SANITARY AND VENT LINES AS REQUIRED.
6. PROVIDE NEW DOMESTIC COLD WATER LINE AS SHOWN AND MAKE CONNECTION TO NEW WATER CLOSET. PIPING SHALL BE LOCATED IN THE ATTIC.
7. PROVIDE NEW SANITARY LINE AS SHOWN AND MAKE CONNECTION TO NEW WATER CLOSET. PROVIDE VENT AS SCHEDULED AND ROUTE ADJACENT TO NEW DOMESTIC COLD WATER LINE IN THE ATTIC BEFORE CONNECTING INTO THE EXISTING VENT SYSTEM.
8. PROVIDE LAVATORY AS SCHEDULED. MAKE CONNECTIONS TO EXISTING WATER, VENT, AND WASTE LINES WITHIN WALL THAT SERVE THE EXISTING LAVATORIES OPPOSITE OF THE WALL.
9. PROVIDE SHOWER AS SCHEDULED. MAKE CONNECTION TO NEW TEMPERED WATER LINE ABOVE SHOWER.
10. RELOCATE EXISTING WINTERIZATION VALVE TO ACCESSIBLE LOCATION OR PROVIDE ACCESS PANEL TO ALLOW FOR ACCESS. ENCLOSURE SHALL BE LOCKED AND LABELED "WINTERIZATION VALVE ACCESS PANEL".
11. PROVIDE WATER HEATER ABOVE CEILING. DRAIN LINES SHALL BE EXTENDED TO NEAREST EXISTING WOMENS SHOWER STALL AND SHALL INDIRECTLY DRAIN APPROXIMATELY 0'-6" AFF. WATER HEATER TEMPERATURE SHALL BE SET TO 140 DEG F. PROVIDE ISOLATION VALVES FOR ALL PIPES CONNECTED TO THE WATER HEATER.
12. AT THIS APPROXIMATE LOCATION, MODIFY THE COLD WATER PIPING AS SHOWN SO THAT THE EXISTING PIPING THAT SERVES THE FIXTURES DOWNSTREAM ARE CONNECTED TO THE NEW TEMPERED WATER LINE. PROVIDE TEMPERED WATER RECIRCULATION LINE AND CIRCUIT SETTER AS SHOWN. CAP COLD WATER LINE ABOVE CEILING AS SHOWN.
13. PROVIDE MIXING VALVE ABOVE CEILING. MIXING VALVE OUTLET TEMPERATURE SHALL BE SET TO 110 DEG F.



1 ADA Shower Detail
Scale: Not to Scale

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WICHITA, KANSAS
Spray Ground
COLLEGE HILL PARK

CITY OF WICHITA

Seal:
CASEY STEINER LICENSED PROFESSIONAL ENGINEER KANSAS
10/20/21

CASEY JOHN STEINER
LICENSE #19423

Date: 10-20-21 | Job #: 18-512
Drawn: CDW | Checked: CJS
Issue: CONSTRUCTION DOCUMENTS

PLUMBING PLANS, DETAILS & SCHEDULES

SP-P1