

SHOCK ABSORBER SCHEDULE					
SYMBOL	SA-AA	SA-A	SA-B	SA-C	SA-D
MANUFACTURER			SIOUX CHIEF		
MODEL NUMBER	660	652-A	653-B	654-C	655-D
F.U. RATING	1 - 4	1 - 11	12 - 32	33 - 60	61 - 113

RECIRCULATION PUMP SCHEDULE			
SYMBOL	RP-1	RP-2	
MANUFACTURER	BELL & GOSSETT		
MODEL NUMBER	PL-30	PL-30	
FLOW (G.P.M.)	0.40	0.202	
TOTAL DYNAMIC HEAD (FT.)	21.20	21.08	
MOTOR	HORSEPOWER	1/12	1/12
	R.P.M.	2650	2650
	VOLTAGE	115-1-60	115-1-60
IMPELLOR DIAMETER (IN.)	N/A	N/A	
SUCTION SIZE (IN.)	3/4"	3/4"	
DISCHARGE SIZE (IN.)	3/4"	3/4"	
REMARKS: PLUMBING CONTRACTOR TO VERIFY VOLTAGE WITH THE ELECTRICAL CONTRACTOR PRIOR TO RELEASING EQUIPMENT FROM THE MANUFACTURER.			

EXPANSION TANK SCHEDULE		
SYMBOL	ET-1	ET-2
MANUFACTURER	AMTROL (THERM-X-TROL)	
MODEL NUMBER	ST-8	ST-12
TANK VOLUME (GALLONS)	3.2	4.4
ACCEPTANCE VOLUME (GAL)	1.9	3.2
TANK DIAMETER (INCHES)	9	11
TANK HEIGHT (INCHES)	15	15
FILL PRESSURE (PSIG)	60	60
OPERATING WEIGHT (LBS)	35	50
SERVICE	DOM. HOT WATER	DOM. HOT WATER
MAXIMUM PRESSURE (PSIG)	150	150
REMARKS:		

PLUMBING FIXTURE SCHEDULE					
SYMBOL	DESCRIPTION	CONNECTION			REMARKS
		CW	HW	WASTE	
P-1	WATER CLOSET	1"		3"	FLOOR MOUNTED FLUSH VALVE
P-2	WATER CLOSET - ADA	1"		3"	FLOOR MOUNTED FLUSH VALVE
P-3	URNIAL	3/4"		2"	WALL MOUNTED FLUSH VALVE
P-4	URNIAL - ADA	3/4"		2"	WALL MOUNTED FLUSH VALVE
P-5	LAVATORY	1/2"	1/2"	1-1/2"	OVAL COUNTER MOUNTED
P-6	LAVATORY - ADA	1/2"	1/2"	1-1/2"	OVAL COUNTER MOUNTED
P-7	LAVATORY	1/2"	1/2"	1-1/2"	RECT. WALL MOUNTED
P-8	LAVATORY - ADA	1/2"	1/2"	1-1/2"	RECT. WALL MOUNTED
P-9	WATER COOLER	1/2"		1-1/2"	WALL MOUNTED
P-10	MOP BASIN	1/2"	1/2"	3"	FLOOR MOUNTED CORNER TYPE
WH-1	WATER HEATER	1-1/4"	1-1/4"		40 GALLON, 6.0 KW, 208-1-60 VOLT.
WH-2	WATER HEATER	1"	1"		80 GALLON, 18.0 KW, 208-3-60
BFP	BACKFLOW PREVENTER	3"			
SA	SHOCK ABSORBER				SIZE PER SCHEDULE
EHB	EXTERIOR HOSE BIBB	3/4"			
MV-1	THERMOSTATIC MIXING VALVE	1-1/4"	1-1/4"		
MV-2	THERMOSTATIC MIXING VALVE	1"	1"		
FD	FLOOR DRAIN				SIZE PER FLOOR PLANS
FS	FLOOR SINK				SIZE PER FLOOR PLANS
WCO	WALL CLEANOUT				SIZE PER FLOOR PLANS
ECO	EXTERIOR CLEANOUT				SIZE PER FLOOR PLANS

GENERAL PLUMBING NOTES

DO NOT SCALE DRAWINGS. ROUGH FROM ARCHITECTURAL AND/OR EQUIPMENT MANUFACTURERS DRAWINGS AND ROUGH IN SPECIFICATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION AND PLACEMENT OF FIXTURES.

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

ALL HORIZONTAL SANITARY, WASTE AND DRAIN PIPING SHOWN ON DRAWINGS IS RUN BELOW FLOOR UNLESS OTHERWISE NOTED ON DRAWINGS.

ALL WATER, SEWER AND ROOF DRAIN PIPING SHOWN ON DRAWINGS IS RUN ABOVE CEILING UNLESS OTHERWISE NOTED ON DRAWING.

HORIZONTAL AND/OR VERTICAL DRAUGHTS SHALL BE LOCATED 18" ABOVE FINISH FLOOR OR LEVEL ON WHICH INSTALLED.

ALL VALVES INSTALLED ABOVE CEILING SHALL BE EASILY ACCESSIBLE. WHERE VALVES ARE INSTALLED ABOVE GYPSUM BOARD CEILINGS, PLUMBING CONTRACTOR SHALL PROVIDE ACCESS DOOR(S) MINIMUM 16"x16" TO ALLOW EASY ACCESS.

PLUMBING CONTRACTOR SHALL VERIFY ELECTRICAL VOLTAGES WITH ELECTRICAL CONTRACTOR PRIOR TO SUBMITTING SHOP DRAWING AND ORDERING EQUIPMENT.

PLUMBING CONTRACTOR SHALL VERIFY ALL RATED WALL ASSEMBLIES, FLOORS AND ROOF ASSEMBLIES WITH ARCHITECTURAL DRAWINGS AND GENERAL CONTRACTOR AND SHALL PROVIDE APPROPRIATE PENETRATION ASSEMBLY FOR ALL PENETRATIONS OF WALLS, FLOORS AND ROOFS WHETHER IDENTIFIED ON DRAWINGS OR NOT.

ALL FLOOR PENETRATIONS ARE TO BE SEALED WATER TIGHT. WHERE PENETRATIONS OCCUR IN RATED FLOOR ASSEMBLIES, SEALING MUST CARRY A CLASS 1 "W" RATING.

PLUMBING CONTRACTOR SHALL VERIFY LOCATION, ELEVATIONS AND INVERTS OF ALL EXISTING SANITARY AND STORM SEWER SYSTEMS IDENTIFIED ON THESE DRAWINGS AND SHALL ADVISE ENGINEER OF ANY DISCREPANCIES WHICH EXISTS.

PLUMBING CONTRACTOR SHALL COORDINATE ROUTING OF ALL PIPING WITH OTHER DISCIPLINES TO ELIMINATE CONFLICTS. FAILURE TO DO SO WILL RESULT IN PLUMBING CONTRACTOR BEARING EXPENSE OF CHANGE ORDERS WHICH MAY RESULT.

PLUMBING CONTRACTOR SHALL REVIEW ALL PLUMBING AND ARCHITECTURAL DRAWINGS PRIOR TO BID DATE AND VERIFY NUMBER AND LOCATION OF ALL EQUIPMENT AND FIXTURES. ANY EQUIPMENT AND/OR FIXTURES INDICATED ON ARCHITECTURAL DRAWINGS AND NOT SHOWN ON PLUMBING DRAWINGS SHALL BE INCLUDED IN CONTRACTORS BID AND SCOPE OF WORK AND SHALL INCLUDE ALL MATERIALS, PIPING AND LABOR REQUIRED TO CONNECT EQUIPMENT AND/OR FIXTURES TO NEAREST SERVICE OF ADEQUATE SIZE. EQUIPMENT AND/OR FIXTURES SHALL BE AS SPECIFIED OR APPROVED EQUAL. PLUMBING CONTRACTOR SHALL COORDINATE ROUTING OF PIPING BELOW BUILDING WITH STRUCTURAL DRAWINGS TO AVOID CONFLICTS.

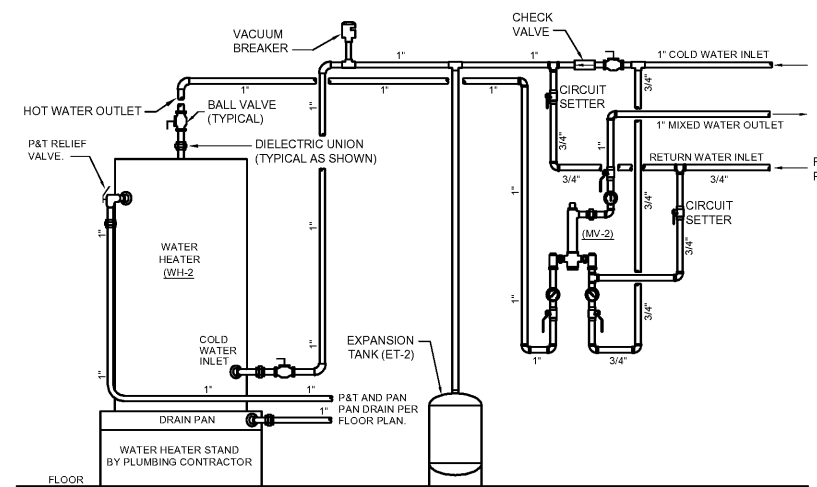
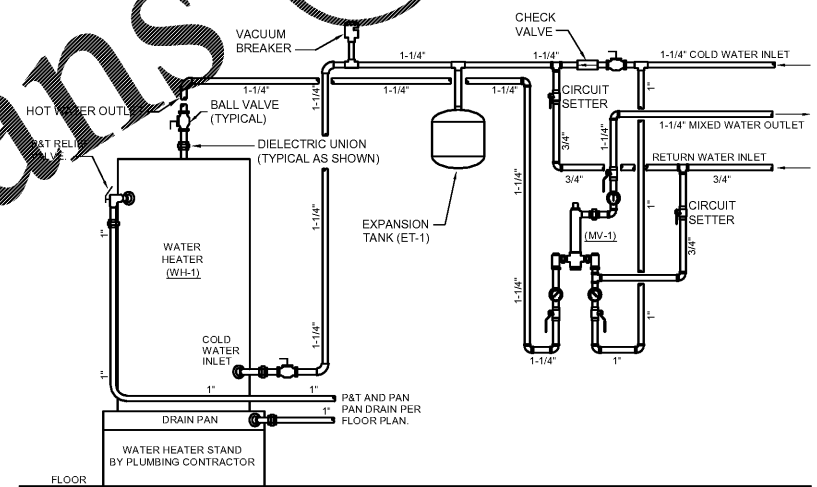
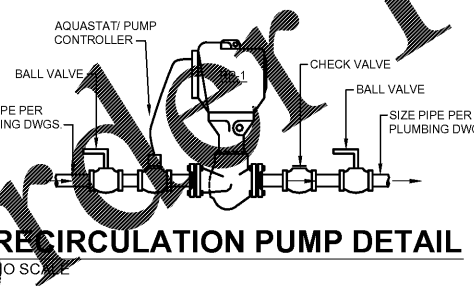
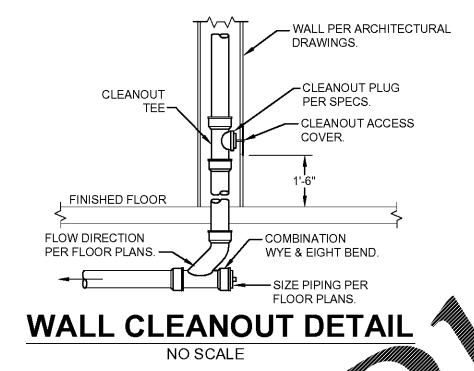
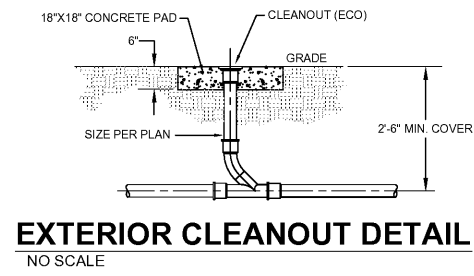
ALL PIPING SHALL BE SUPPORTED FROM STRUCTURAL STEEL AND/OR CONCRETE BEAMS AND STRUCTURE. PIPING SUPPORTED FROM ROOF AND/OR FLOOR METAL DECKING WILL NOT BE ALLOWED.

ALL PLUMBING WORK IS TO BE INSTALLED IN ACCORDANCE WITH THE 2015 EDITION OF THE INTERNATIONAL PLUMBING CODE AND IN ACCORDANCE WITH ALL STATE AND LOCAL REQUIREMENTS.

SLOPE ON ALL SEWER, WASTE AND DRAIN PIPING SHALL COMPLY WITH ALL STATE AND LOCAL CODES AND SHALL BE IN ACCORDANCE WITH CHAPTER 7 OF THE 2015 INTERNATIONAL PLUMBING CODE.

GENERAL AND PLUMBING CONTRACTOR SHALL REVIEW AND APPROVE ALL SHOP DRAWINGS PRIOR TO SUBMITTING TO ENGINEER/ARCHITECT. PROVIDE GENERAL & MECHANICAL "APPROVED" OR "APPROVED AS NOTED" STAMPS ON SUBMITTAL PRIOR TO SUBMITTING FOR ENGINEER'S/ARCHITECT'S REVIEW.

ALL WATER PIPING INSTALLED ABOVE GRADE OUTSIDE OF THE BUILDING HEATED ENVELOPE IS TO BE HEAT TRACED AND INSULATED. LOCATIONS INCLUDE BUT ARE NOT LIMITED TO BUILDING EXTERIOR, ATTICS, CRAWLSPACES, AND GARAGES. HEAT TRACE IS TO BE SELF REGULATING RAYCHEM XL TRACE 5 WATTS/FT; OR EQUAL. INSULATION TO BE 1" FIBERGLASS. WHERE INSULATION IS EXPOSED TO PRECIPITATION, ALUMINUM JACKET IS TO BE PROVIDED.



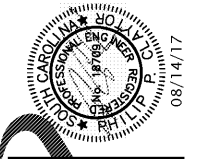
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Designed: WMS
Approved: PPC
Job No.: 116226
Plot Date: 08/14/17



McCreary/Snow Architects, PA
Architects and Planners
250 New... Street (29205)
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Plumbing Schedules & Details
Pinewood Community Bldg.
Richland County
Old Garners Ferry Road
Columbia, SC 29209

File date: 8/14/2017

Construction Documents

Drawn: -	Checked: -
Revised: -	
Project No.: #####	File: -

