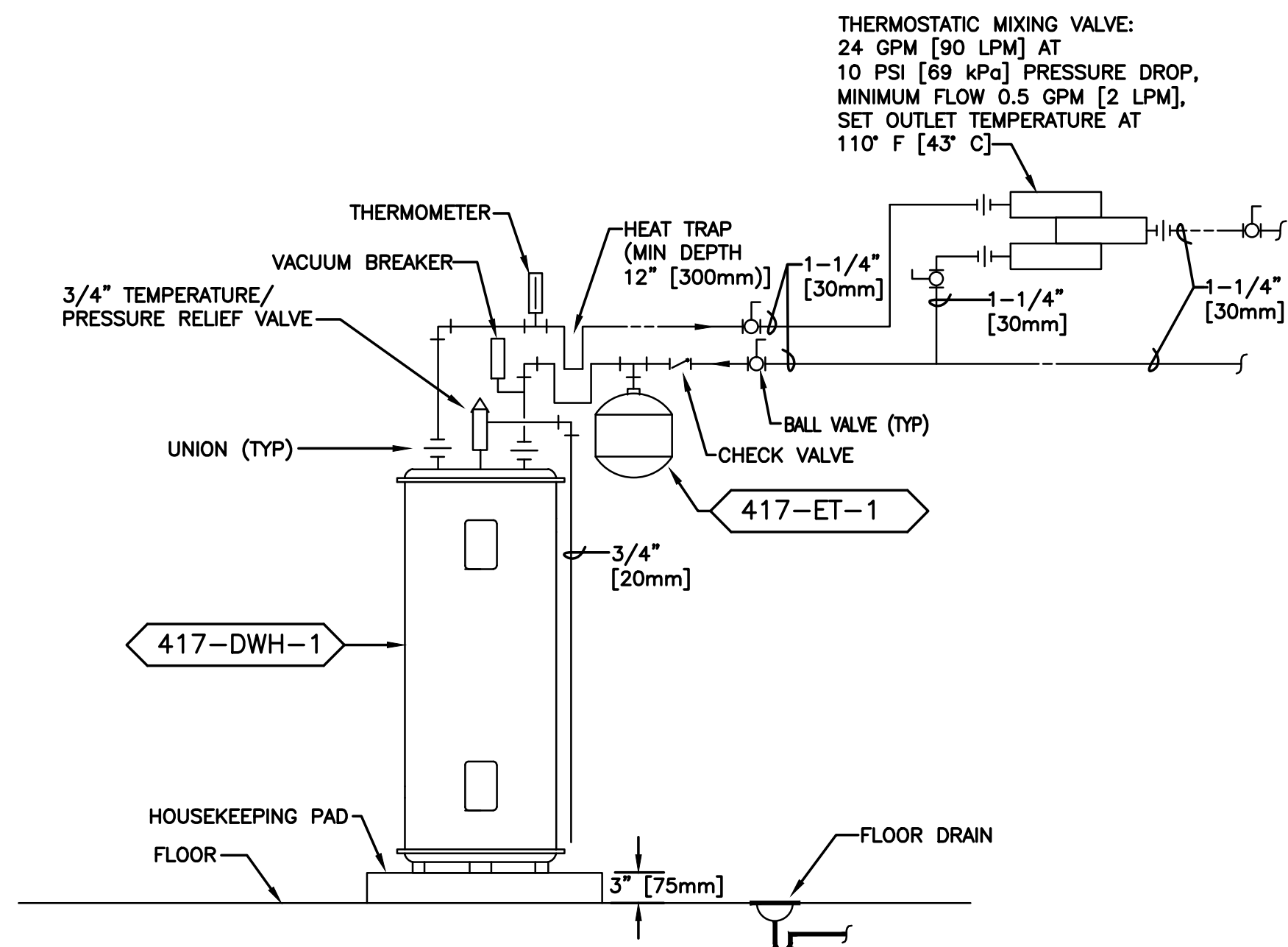


1 BACKFLOW PREVENTER PIPING DETAIL
NTS



2 DOMESTIC WATER HEATER DETAIL
NTS

PLUMBING FIXTURE SCHEDULE														
MARK	DESCRIPTION	WASTE PIPE		VENT PIPE		COLD WATER		HOT WATER		WASTE FIXTURE UNITS	WATER FIXTURE UNITS	WRIST BLADE HANDLES	ELECTRIC SENSOR	REMARKS
		IN	[mm]	IN	[mm]	IN	[mm]	IN	[mm]					
P-103	WATER CLOSET, WALL HUNG	4	[100]	2	[50]	1.25	[31]			6	10	N/A	YES	DUAL LEVEL SENSOR OPERATED FLUSH VALVE
P-201	URINAL WALL HUNG	2	[50]	1.5	[38]	0.75	[19]			2	5	N/A	YES	
P-202	URINAL WALL HUNG	2	[50]	1.5	[38]	0.75	[19]			2	5	N/A	YES	WHEELCHAIR
P-405	LAVATORY	2	[50]	1.5	[38]	0.5	[13]	0.5	[13]	2	2	NO	NO	BOWL INTEGRAL TO COUNTER, FAUCET AND TRIM ONLY
P-502	SINK SERVICE FLOOR MOUNTED	3	[75]	2	[50]	0.75	[19]	0.75	[19]	3	4	YES	NO	28" [711mm] X 28" [711mm] X 12" [305mm] DEEP
P-608	ELECTRIC WATER COOLER	2	[50]	1.5	[38]	0.5	[13]			1	1	N/A	NO	HI-LO, ADA COMPLIANT, WALL HUNG
P-703	SHOWER FITTING					0.5	[13]	0.5	[13]		2	N/A	NO	TEMPERATURE/PRESSURE BALANCING VALVE
P-704	SHOWER FITTING					0.5	[13]	0.5	[13]		2	N/A	NO	ADA COMPLIANT, TEMPERATURE/PRESSURE BALANCING VALVE
P-801	WALL HYDRANT					0.75	[19]				5	N/A	NO	FREEZEPROOF, EXTERIOR
P-802	HOSE BIBB					0.75	[19]	0.75	[19]		5	N/A	NO	INTERIOR
P-811	HOSE BIBB					0.75	[19]	0.75	[19]		5	N/A	NO	FOOT WASH

ELECTRIC WATER HEATER SCHEDULE																	
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	TYPE	STORAGE CAPACITY		RECOVERY @ 70 °F [21°C] RISE		TIME TO RECOVER CONTENTS, MINUTES	RELIEF VALVE SETTING		NO OF ELEMENTS	ELECTRICAL INPUT				REMARKS
					GAL	[L]	GAL/HR	[L/HR]		PSIG	[kPa]		TOTAL KW	KW PER ELEMENT	PHASE	VOLT	
417-DWH-1	WATER SERVICE ROOM	POOL HOUSE	DOMESTIC HOT WATER	STANDARD VOLUME ELECTRIC	119	[450]	105	[400]	68	100	[690]	3	18	6	3	208	SET TEMPERATURE AT 140 F [60 C]

DOMESTIC WATER THERMAL EXPANSION TANK SCHEDULE																			
MARK	LOCATION	TYPE	SYSTEM TEMPERATURE RANGE				INITIAL PRESSURE IN TANK		MAX OPERATING PRESSURE		RELIEF VALVE PSIG [kPa]		MIN TANK VOLUME		MIN ACCEPT VOLUME		PIPE SIZE TO TANK		REMARKS
			MIN		MAX														
			°F	[°C]	°F	[°C]	PSIG	[kPa]	PSIG	[kPa]	PSIG	[kPa]	GAL	[L]	GAL	[L]	IN	[mm]	
417-ET-1	WATER SERVICE ROOM	POTABLE THERMAL EXPANSION TANK	60	[16]	140	[60]	40	[280]	150	[1000]	150	[1000]	10.3	[39]	10.3	[39]	.75	[19]	-----

Revisions:

Date

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15789

STATE OF OKLAHOMA

REGISTERED PROFESSIONAL ENGINEER

PROJECT NO.

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Drawing Title

DETAILS AND SCHEDULES - BUILDING 417

Approved Project Director

Project Title

RECREATIONAL POOL FACILITY RENOVATIONS BATH HOUSE

Location

VAMC, MARTINSBURG, WV

Date

05-04-12

Checked

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Drawn

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Project Number

613-11-140

Building Number

417

Drawing Number

417-PL501

Dwg. of

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Office of Construction and Facilities Management

Department of Veterans Affairs

100% CONSTRUCTION DOCUMENTS

VA FORM 08-6231