

AFF		ABOVE FINISHED FLOOR	— — — — —	(CW) COLD WATER
ARCH		ARCHITECTURAL	— — — — —	(HW) HOT WATER
B.G.		BELOW GRADE	— — — — —	(HWR) HOT WATER RECIRC
BTU		BRITISH THERMAL UNIT	— -/- -/- -/-	(HT) HOT WATER HEAT TRACED
CAP.		CAPACITY	— — — — —	(W) BELOW GRADE WASTE
C.I.		CAST IRON	— — — — —	(W) ABOVE GRADE WASTE
COMP.		COMPARTMENT	— V — V —	(V) VENT
CONT.		CONTINUATION	— AV — AV —	(AV) ACID VENT
CU.		CUBIC	— RD —	(RD) RAIN DRAIN
DI		DRINKING FOUNTAIN	— OD —	(OD) OVERFLOW RAIN DRAIN
DIA.		DIAMETER	— FDC —	(FDC) FIRE DEPARTMENT CONNECTION
ELEV.		ELEVATION	— A —	(A) COMPRESSED AIR
EW/C		ELECTRIC WATER COOLER	— PHW —	(PHW) PROCESS HOT WATER
FD		FLOOR DRAIN	— PCW —	(PCW) PROCESS COLD WATER
FDC		FIRE DEPARTMENT CONNECTION	— VAC —	(VAC) VACUUM
F.F.		FINISH FLOOR	— G —	(G) NATURAL GAS
FLG.		FLANGE	— F —	(F) FIRE WATER
FT		FOOT / FEET	— GW — GW —	(GW) GREASE WASTE
G		GAS	— AW —	(AW) ACID WASTE
GAL.		GAUGE		
GPM		GALVANIZED		
G.V.		GALLONS PER MINUTE		
HP		GATE VALVE		
HR.		HORSEPOWER		
I.E.		HOOR		
KW		INVERT ELEVATION		
LAV		KILOWATT		
LBS		LAVATORY		
MAX.		POUNDS		
MBH		MAXIMUM		
MIN.		THOUSANDS OF BTUs PER HOUR		
M.J.		MINIMUM		
N.I.M.		MECHANICAL JOINT		
OS&Y		NOT IN MECHANICAL		
PROT.		OUTSIDE STEM & YOKE		
PRV		PROTECTION		
PSI, PSIG		PRESSURE REDUCING VALVE		
P/T		POUNDS PER SQUARE INCH		
REQ'D		PRESSURE / TEMPERATURE		
RPBP		REQUIRED		
RPM		REDUCED PRESSURE BACKFLOW PREVENTER		
TYP.		REVOLUTIONS PER MINUTE		
UR		TYPICAL		
VTR		URINAL		
WC		VENT THROUGH ROOF		
		WATER CLOSET		

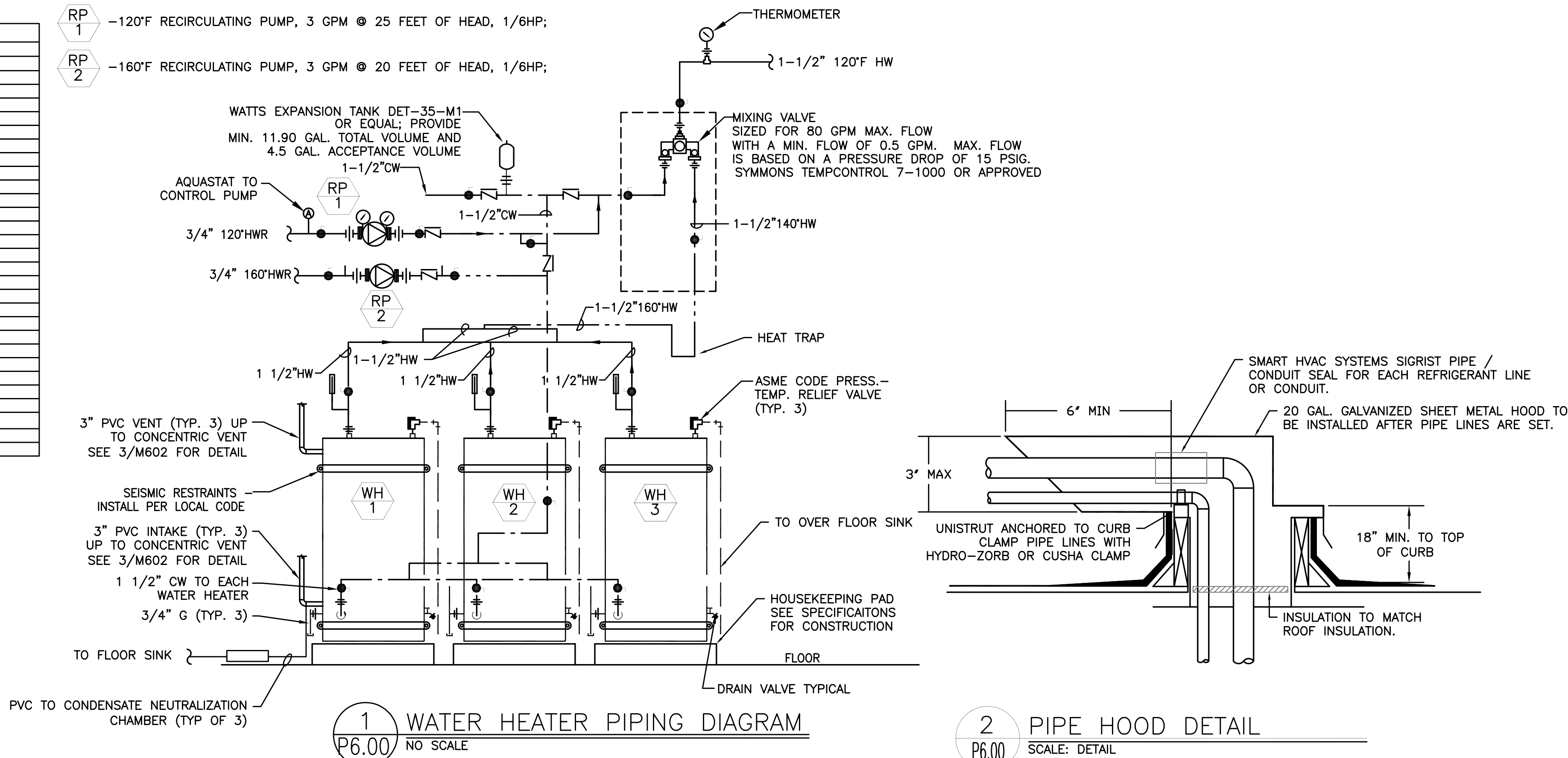
		EQUIPMENT MARK NUMBER			PRESSURE/TEMP RELIEF VALVE
		FIXTURE MARK			BUTTERFLY VALVE
(E)		EXISTING			GAS PRESSURE REGULATING VALVE
		NOTE			TOP CONNECTION
		CONNECT TO EXISTING			BOTTOM CONNECTION
		CAP			PIPE TURNED UP, PIPE TURNED DOWN
		TEE			GATE VALVE
		ELBOW			BALL VALVE
		CLEANOUT			BALANCING VALVE
					CHECK VALVE
					UNION
					DOUBLE CHECK ASSEMBLY

FIXTURE TYPE	NUMBER OF FIXTURES	DRAINAGE FIXTURE UNITS	TOTAL DFU
HANDSINK	3	2	6
FLOOR SINKS (INDIRECT WASTE – <7.5 GPM)	8	2	16
FLOOR SINKS (INDIRECT WASTE) 15–30 GPM	1	6	6
FLOOR DRAINS	8	2	16
		TOTAL	44
HYDROMECHANICAL INTERCEPTOR (MIN. SIZE)		100	GPM

MARK	FIXTURE	W	V	CW	HW	REMARKS
WF-1	CLOTHES WASHER FITTING	2"	2"	3/4"	3/4"	Acorn 8185, Guy Gray WB 200/T 200 OR EQUAL
HB-1	HOSE BIB			3/4"		NON-FREEZE, SEE SPECS.
LV-1	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	COUNTERMOUNT, BATTERY OPERATED
LV-2	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	WALL MOUNT, ADA; BATTERY POWERED
SH-1	SHOWER	2"	1-1/2"	1/2"	1/2"	SEE SPECS.
SH-2	SHOWER	2"	1-1/2"	1/2"	1/2"	ADA, SEE SPECS.
SS-1	SERVICE SINK	3"	2"	1/2"	1/2"	24"x24" CORNER
WC-1	WATER CLOSET	3"	2"	1"		FLOOR MOUNT, FLUSH VALVE
WC-2	WATER CLOSET	3"	2"	1"		FLOOR MOUNT, FLUSH VALVE, ADA
UR-1	URINAL	2"	1-1/2"	3/4"		WALL MOUNT, BATTERY POWERED
FD-1	FLOOR DRAIN	3"	V.L.			J.R. SMITH 2005A (ROUND) OR EQUAL APPROVED.
FS-1	FLOOR SINK	3"	V.L.			J.R. SMITH 3002 W/ 3/4 GRATE
FS-2	FLOOR SINK	3"	V.L.			J.R. SMITH 3002 W/ 1/2 GRATE
TD-1	TRENCH DRAIN	3"	V.L.			3'-0", SEE SPECS.
OD-1	OVERFLOOR DRAIN	3"	V.L.			J.R. SMITH 1080
RD-1	ROOF DRAIN	3"				J.R. SMITH 1010
OF-1	OVERFLOOR FITTING	3"	V.L.			J.R. SMITH 1770

MARK	FIXTURE	W	V	CW	HW160	HW120	G	REMARKS
#2	MOP SINK FAUCET	2"	1-1/2"	1/2"	-	1/2"	-	
#18	HAND SINK	1-1/2"	1-1/2"	1/2"	-	1/2"	-	
#24	PREP TABLE	-	-	-	-	-	-	1" TO I.D. SINK
#25	PREP SINK FAUCET	-	-	1/2"	-	1/2"	-	
#42	WAREWASHER	-	-	-	3/4"	-	-	1-1/2" I.D. TO FS
#43	PRE-RINSE FAUCET	-	-	1/2"	-	1/2"	-	-
#44	DISHTABLE	-	-	-	-	-	-	1-1/2" I.D. & (3)2" I.D. TO FS
#48	DISHTABLE FAUCET	-	-	1/2"	-	1/2"	-	-
#60	GAS FRYER	-	-	-	-	-	3/4"	70 MBH
#63	GRIDDLE RANGE	-	-	-	-	-	3/4"	81 MBH
#64	CHEESE MELTER	-	-	-	-	-	3/4"	24 MBH
#65	BROILER	-	-	-	-	-	3/4"	68 MBH
#66	BURNER RANGE	-	-	-	-	-	3/4"	215 MBH
#67	CONVECTION OPEN	-	-	-	-	-	2(3)4"	(2)45 MBH
#79	HOT FOOD TABLE	-	-	1/2"	-	-	-	1" I.D. TO FS
#86	WORK TABLE	-	-	-	-	-	-	1-1/2" I.D. TO FS
#86A	WORK TABLE FAUCET	-	-	1/2"	-	1/2"	-	1-1/2" I.D. TO FS
#89	ICE MAKER FILTER	-	-	1/2"	-	-	-	-
#90	ICE MAKER	-	-	1/2"	-	-	-	1/2" I.D. TO FS, FED FROM FILTER #89
#93	BEV TBL WITH HAND SINK	1-1/2"	1-1/2"	-	-	-	-	1" I.D. TO FS
#94	BEER DISPENSER	-	-	-	-	-	-	1" I.D. TO FS
#96	COFFEE MAKER	-	-	1/4"	-	-	-	-
#97	SOFT DRINK DISPENSER	-	-	1/2"	-	-	-	1" I.D. TO FS, THRU FILTER
#100	HAND SINK FAUCET	-	-	1/2"	-	1/2"	-	-
#113	REFRIGERATED COLD PAN	-	-	-	-	-	-	1" I.D. F.S.
#114	HOT WELLS	-	-	1/4"	-	-	-	1" I.D. TO FS

RP
1 -120°F RECIRCULATING PUMP, 3 GPM @ 25 FEET OF HEAD, 1/6HP;



MARK NUMBER	WH 1	WH 2	WH 2
FUEL	NATURAL GAS		
CAPACITY (GAL)	100	100	100
INPUT RATE (MBH)	199	199	199
RECOVERY CAP. @ 100F TR (GPH)	239	239	239
EFFICIENCY (%)	94	94	94
GAS VENT/COMBUSTION AIR DIA.	3" PP	3" PP	3" PP
DESIGN WEIGHT (LBS)	1283	1283	1283
BASIS OF DESIGN: BRADFORD WHITE	ET-100T-199		

MARK NUMBER		NOTES 1, 2, 3
SERVICE	KITCHEN	
CAPACITY (GPM)	100 GPM	
GREASE (LB)	1,076 LBS	
INLET/OUTLET PIPE SIZE	4"	
DESIGN WEIGHT—WET (LBS)	2313 LBS	
BASIS OF DESIGN	SCHIER GB—250	
QTY	1	

1. PROVIDE WITH SR24 TELEGLIDE RISER ADAPTER AND SV-24 SAMPLING PORT.
2. PROVIDE WITH HIGHWAY RATED COVER.(GT-1 & SAMPLING PORT)
3. PROVIDE WITH BUILT IN FLOW CONTROL & BUILT IN TEST CAP

BBT
ARCHITECTS

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WARM SPRINGS TRAVEL CENTER

Madras. OR

No.	Description	Date
1	Owner/CMGC Revisions	10/19/2016

Project Number	1519
Date	OCT. 19, 2016
Drawn By	TB
Checked By	JVB

PLUMBING LEGEND & DETAILS

BID SET

P6.00

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