

PLUMBING CALCULATIONS	DOMESTIC WATER SERVICE				SANITARY WASTE SERVICE			
	FIXTURE TYPE	NUMBER OF FIXTURES	WATER FIXTURE UNITS	TOTAL GPM	FIXTURE UNITS	TOTAL GPM	FIXTURE UNITS	TOTAL GPM
LAVATORY (SINK)	1	1	5	3.75	1	5	1	5
SINK (GENERAL (1-1/2" TRAP)	11	15	75	50.25	12	60	3	15
WATER CLOSET (1/2 GPF FLUSHMETER VALVE-GENERAL)	1	1	25	16.67	1	5	1	5
SERVICE SINK	1	1	5	3.33	1	5	1	5
TOTAL	22	28	140	93.375	25	125	6	30

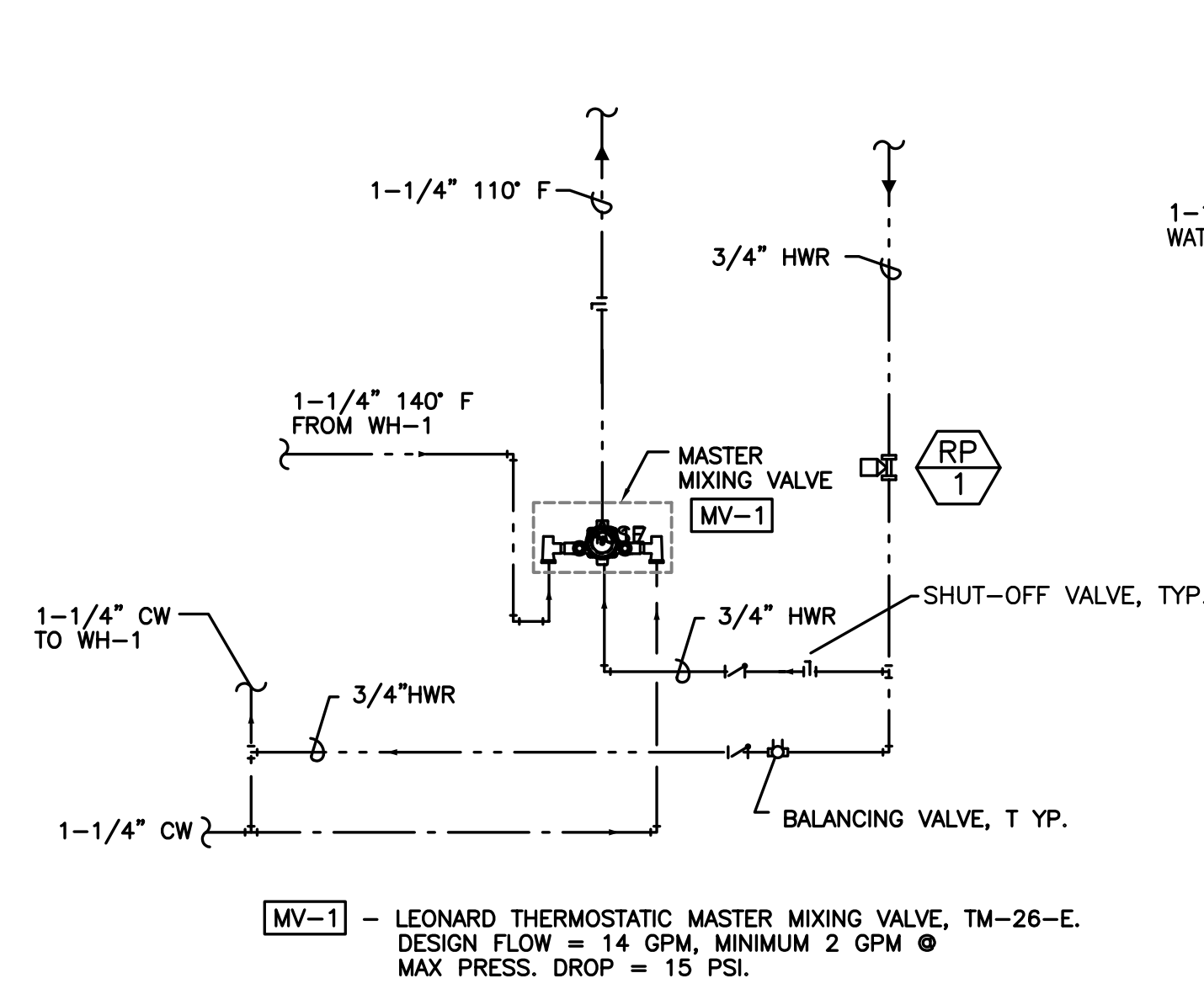
PLUMBING CONNECTION SCHEDULE						
MARK	FIXTURE	W	V	CW	HW	REMARKS
LV-1	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	WALL HUNG
S-1	SINK	2"	1-1/2"	1/2"	1/2"	EXAM SINK (CORIAN SINK BY OTHERS)
S-2	SINK	2"	1-1/2"	1/2"	1/2"	WITH EYEWASH (CORIAN SINK BY OTHERS)
S-3	SINK	2"	1-1/2"	1/2"	1/2"	SOILED UTILITY (DBL SINKS BY OTHERS)
WC-1	WATER CLOSET	3"	2"	1"	-	FLOOR MOUNT, ADA
WC-1E	WATER CLOSET	3"	2"	1"	-	FLOOR MOUNT, ADA, ELECTRONIC VALVE
SS-1	SERVICE SINK	3"	2"	1/2"	1/2"	
FD-1	FLOOR DRAIN	3"	2"	-	-	J.R. SMITH 2005(ROUND)

PLUMBING LEGEND

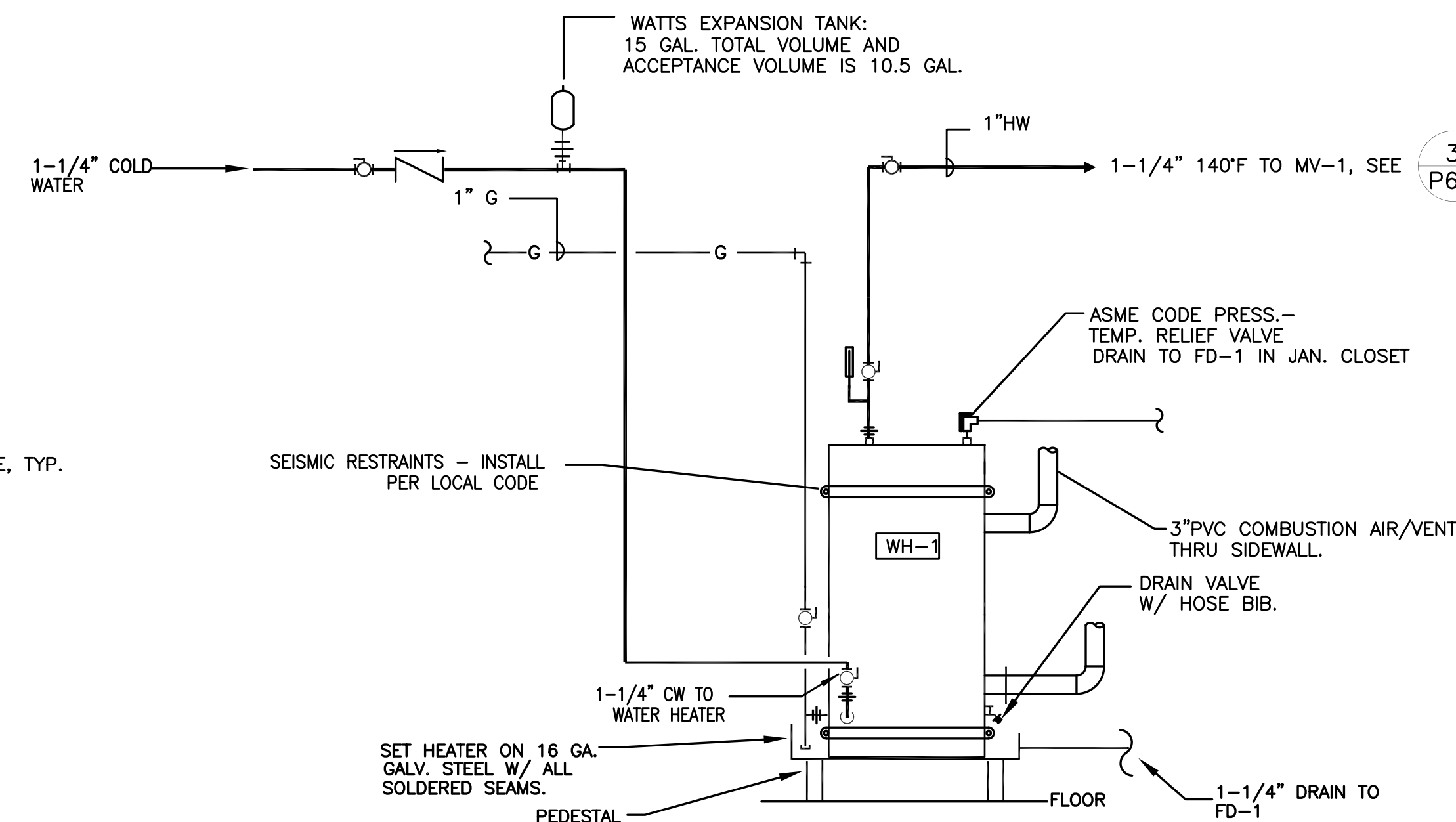
AF	ARCHITECTURAL ABOVE FINISHED FLOOR	(CW)	COLD WATER
B.G.	BELOW GRADE	(HW)	HOT WATER
BTU	BRITISH THERMAL UNIT	(HWR)	HOT WATER RECIRC
CAP.	CAPACITY	(HWT)	HOT WATER TEMPERED
C.I.	CAST IRON	(HT)	HOT WATER HEAT TRACED
COMP.	COMPARTMENT	(HWT)	HOT WATER TEMPERED
CONT.	CONTINUATION		
CU.	CUBIC	GW	(GW) GREASE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

WATER HEATER	
MARK NUMBER	WH 1
TYPE	TANK
CAPACITY (GAL)	40
FUEL	NAT. GAS
MBTU/H	120
RECOVERY CAP. (GPH)	145 @ 100°F
FLUE VENT (") PVC	3" @
COMBUSTION AIR (") PVC	3" @
EFFICIENCY	96%
DESIGN WEIGHT (LBS)	1300

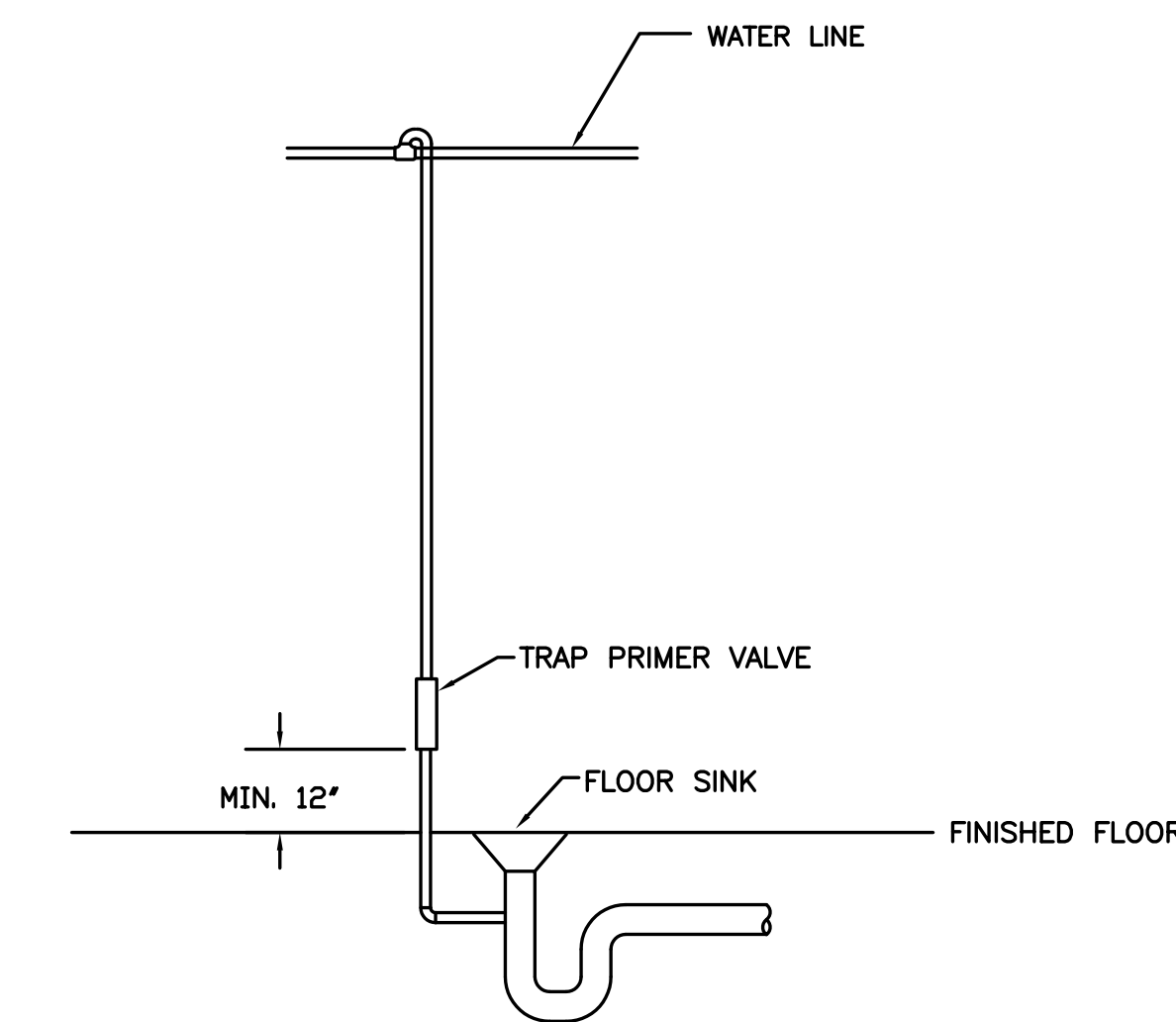
PUMP	
MARK NUMBER	RP 1
TYPE	IN-LINE CENT.
FLOW RATE (GPM)	2.0
HEAD (FT)	15
MOTOR HP	1/25
RPM	3500



3 MIXING VALVE (MV-1)
P6.1 NOT TO SCALE



2 WATER HEATER
P6.1 NOT TO SCALE



1 TRAP PRIMER
P6.1 NOT TO SCALE

KEY PLAN

