

PLUMBING FIXTURE ROUGH-IN SCHEDULE						
UNIT NO	DESCRIPTION	WASTE	VENT	HW	CW	REMARKS
WC-1	WATER CLOSET	4"	2"	-	1"	WALL HUNG, ADA, SENSOR OPERATED
WC-2	WATER CLOSET	4"	2"	-	1"	WALL HUNG, STANDARD HEIGHT, SENSOR OPERATED
U-1	URINAL	2"	1-1/2"	-	3/4"	WALL HUNG, ADA, SENSOR OPERATED
U-2	URINAL	2"	1-1/2"	-	3/4"	WALL HUNG, STANDARD HEIGHT, SENSOR OPERATED
S-1	KITCHEN SINK	1-1/2"	1-1/2"	1/2"	1/2"	COUNTERTOP, ADA, SENSOR OPERATED
S-2	HEALTHCARE SINK	1-1/2"	1-1/2"	1/2"	1/2"	WALL HUNG, ADA
S-3	HAND SINK	1-1/2"	1-1/2"	1/2"	1/2"	WALL HUNG, ADA
L-1	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	COUNTERTOP, ADA, SENSOR OPERATED
L-2	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	WALL HUNG, ADA, SENSOR OPERATED
EWC-1	WATER COOLER	1-1/2"	1-1/2"	1/2"	1/2"	RECESSED, ADA, DUAL HEIGHT
MR-1	MOP RECEPTOR	2"	1-1/2"	1/2"	1/2"	FLOOR MOUNTED, SQUARE
NFHH	WALL HYDRANT	-	-	-	3/4"	NON-FREEZE, KEY OPERATED, RECESSED
FD-1	FLOOR DRAIN	2"	1-1/2"	-	1/2"	FINISHED SPACES
FD-2	FLOOR DRAIN	2"	1-1/2"	-	1/2"	PROVIDE WITH FUNNEL

NOTES:
 1. REFER TO SHEET AE440 FOR FIXTURE INSTALLATION HEIGHTS.
 2. PROVIDE TRAP PRIMER CONNECTION TO FLOOR DRAINS.

ELECTRIC HYBRID WATER HEATER SCHEDULE										
UNIT NO	LOCATION	STORAGE GALLONS	CW INLET TEMP °F	HW OUTLET TEMP °F	OUTPUT GPH	COMPRESSOR BTU/HR	VOLTS/PHASE	AMPS	MANUFACTURER AND MODEL	NOTES
WH-1	MECH ROOM 205	50	45	140	26	8,700	208/1	24.0	RHEEM XE50T12EH45UO	

NOTES:

AIR COMPRESSOR SCHEDULE									
UNIT NO	LOCATION	CAPACITY CFM @ PSI	MAXIMUM PRESSURE	RECEIVER	MOTOR HP	VOLTS/PHASE	WEIGHT	BASIS OF DESIGN	NOTES
CP-1	SUPPORT STORAGE 146	4.9 @ 100	135	30 GALLON	2	230/1	185 LB	SPEEDAIRE 4B233	-

NOTE: 1. ---

VACUUM SYSTEM SCHEDULE									
UNIT NO	LOCATION	CAPACITY SCFM	RECEIVER	MOTOR HP	VOLTS/PHASE	BASIS OF DESIGN	NOTES		
VAC-1	SUPPORT STORAGE 146	4.1	30 GALLON	1	460/3	AMICO V-RVL-S-030P-I-010-46063-M	1		

NOTE: 1. PROVIDE SIMPLEX CONTROL PANEL WITH CIRCUIT BREAKER DISCONNECTS

TRAP PRIMER ASSEMBLY SCHEDULE									
UNIT NO	LOCATION	MOUNTING	NO OF MANIFOLD OPENINGS	NO OF DESIGN CONNECTIONS	CONN SIZE	ELEC	BASIS OF DESIGN	NOTES	
TP-1	CUSTODIAL 122	FLUSH	10	8	3/4"	120/1	PPP PT-10		
TP-2	MECH 205	SURFACE	4	3	3/4"	120/1	PPP PTS-4		
TP-3	SUPPORT STORAGE 146	FLUSH	4	3	3/4"	120/1	PPP PT-4		

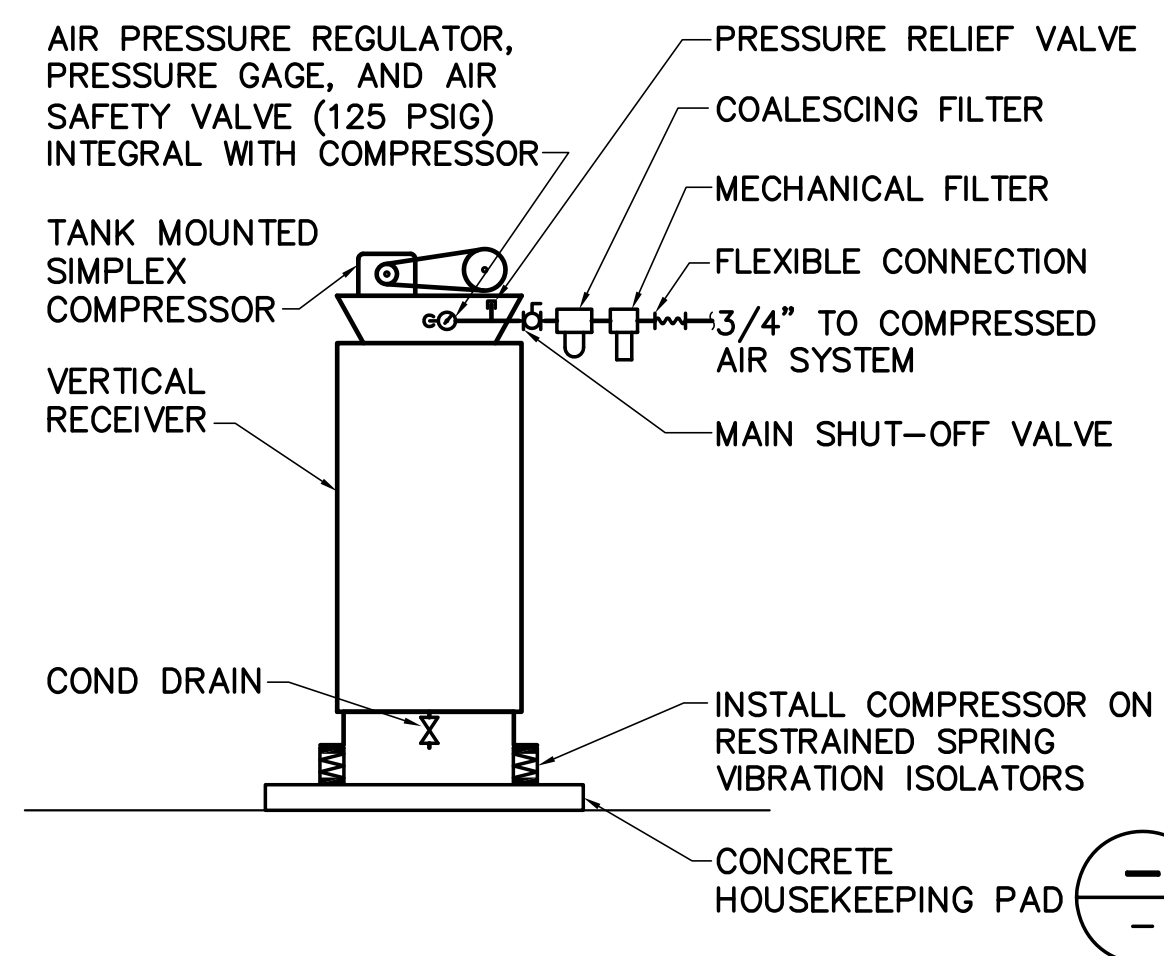
NOTES:

PUMP SCHEDULE									
UNIT NO	SERVES	TYPE	GPM	TOTAL HEAD	MOTOR DATA			BASIS OF DESIGN	NOTES
					HP	RPM	VOLTS/PHASE		
RP-1	DOMESTIC HOT WATER	CARTRIDGE	2	15	1/40	3250	120/1	TACO 005-PNP	1
SP-1	ELEV SHAFT 100ESA	SUMP	50	15	4/10	3450	120/1	ZOELLER N152 OIL GUARD SYSTEM	2

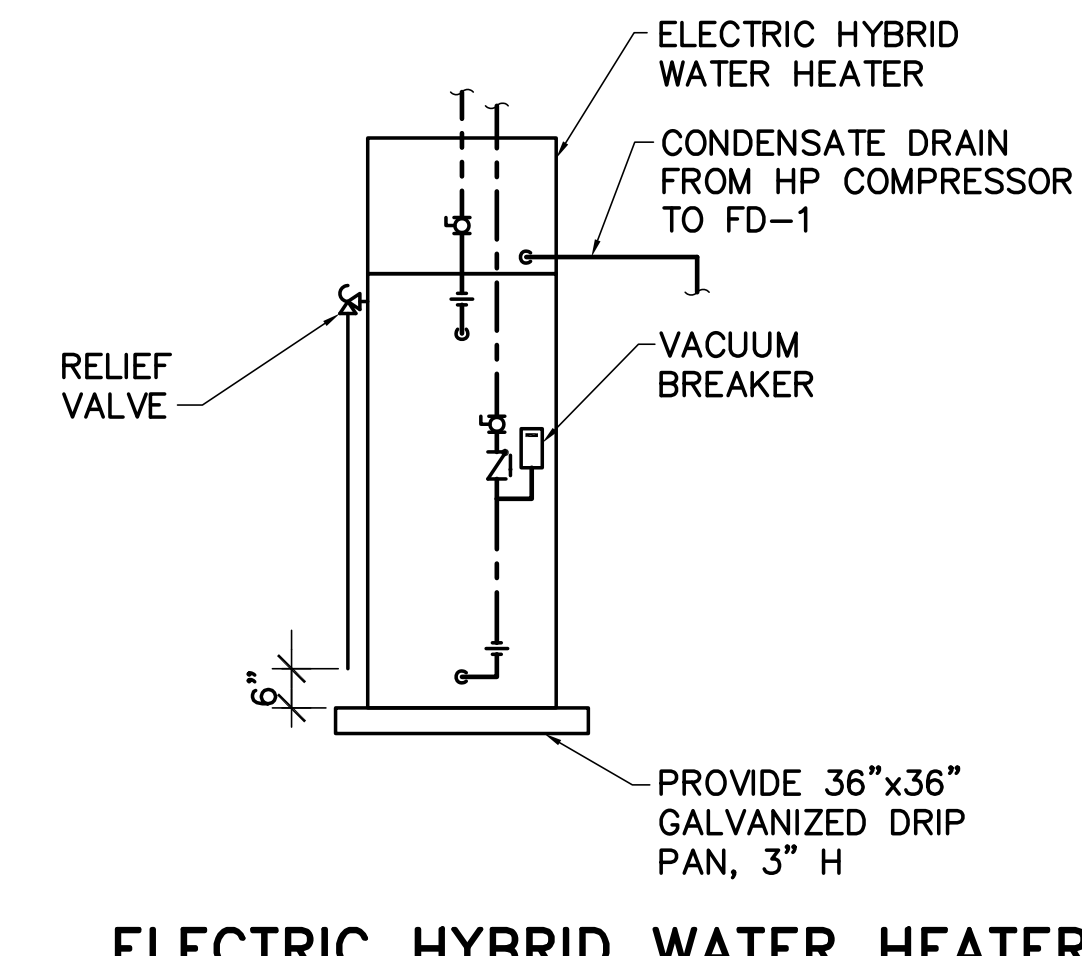
NOTES:
 1. PROVIDE WITH DIGITAL TIMER
 2. PROVIDE PACKAGED PUMP SYSTEM WITH OIL SWITCH; NEMA 4x ALARM AND CONTROL PANEL WITH H-O-A SWITCH, AUDIO AND VISUAL ALARM DEVICES, AND DRY ALARM CONTACTS FOR DDC SYSTEM INTERFACE; FLOAT SWITCH.

BACKFLOW PREVENTER SCHEDULE									
UNIT NO	LOCATION	SYSTEM SERVED	TYPE	SIZE	DESIGN FLOW (GPM)	MAX WPD @ DESIGN (PSI)	BASIS OF DESIGN	NOTES	
RPZ-1	WATER ENTRANCE 142A	DOMESTIC WATER	RPZ	3"	135	12	WATTS LF009		
RPZ-2	MECHA ROOM 205	GLYCOL FILL STATION	RPZ	3/4"	21	10	WATTS LF009		

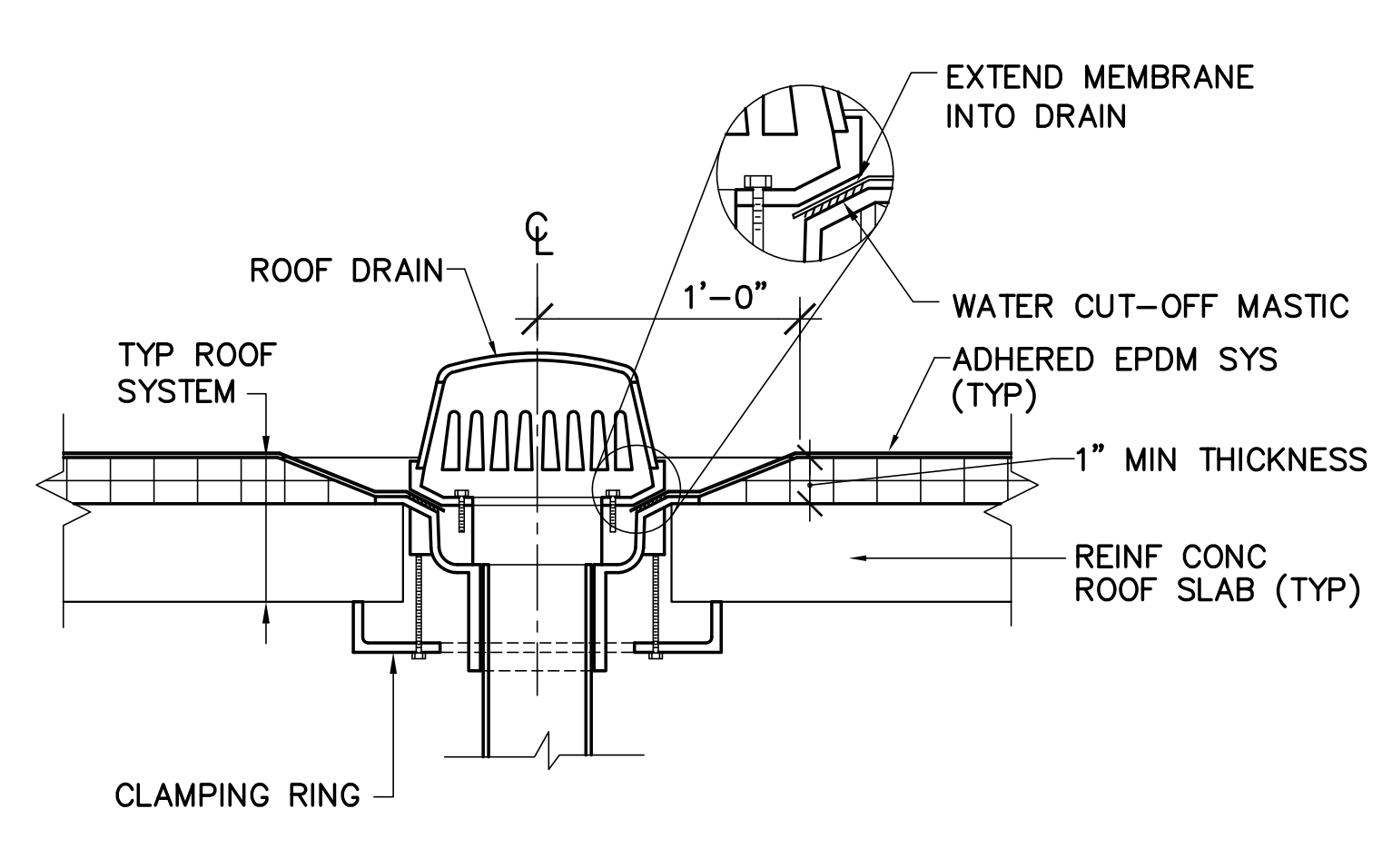
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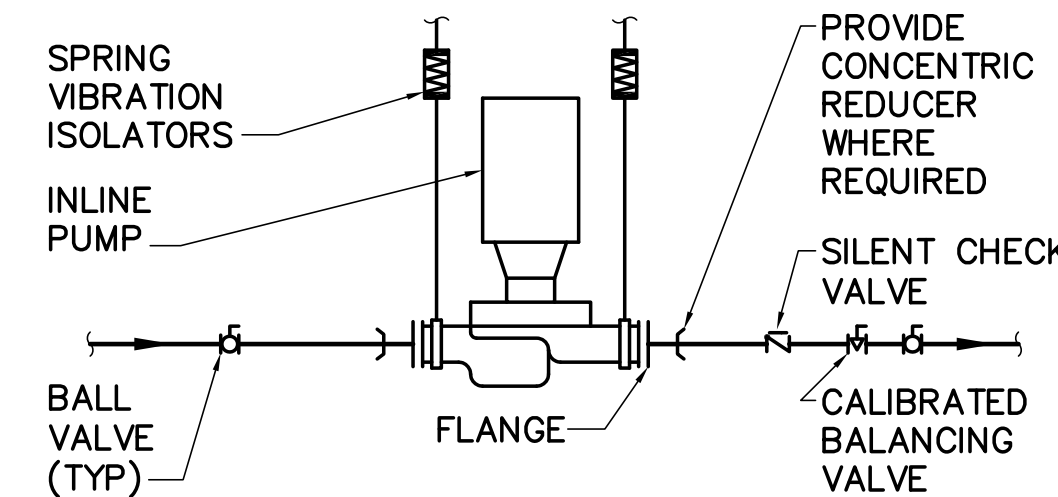
1 AIR COMPRESSOR CP-1 DETAIL
P-501 NOT TO SCALE



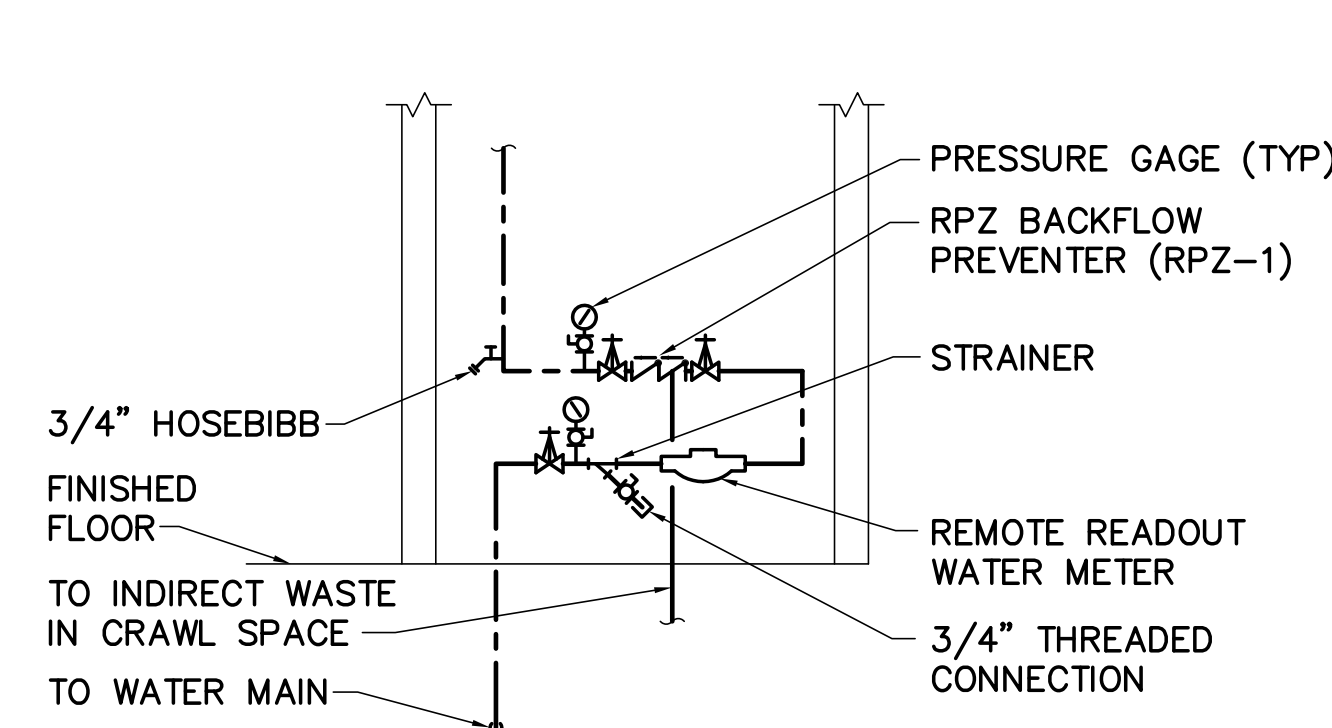
2 ELECTRIC HYBRID WATER HEATER PIPING SCHEMATIC
P-501 NOT TO SCALE



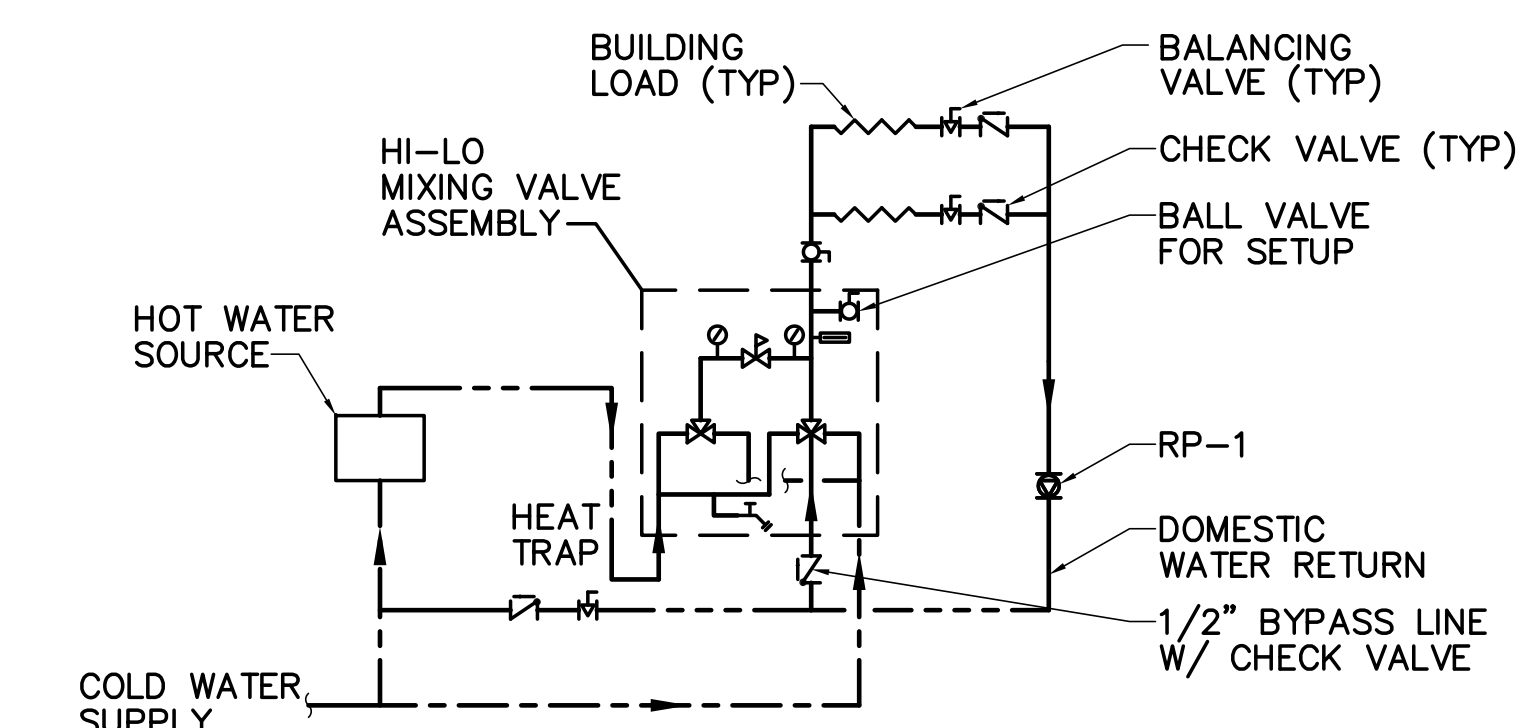
3 DETAIL AT ROOF DRAIN
P-501 NOT TO SCALE



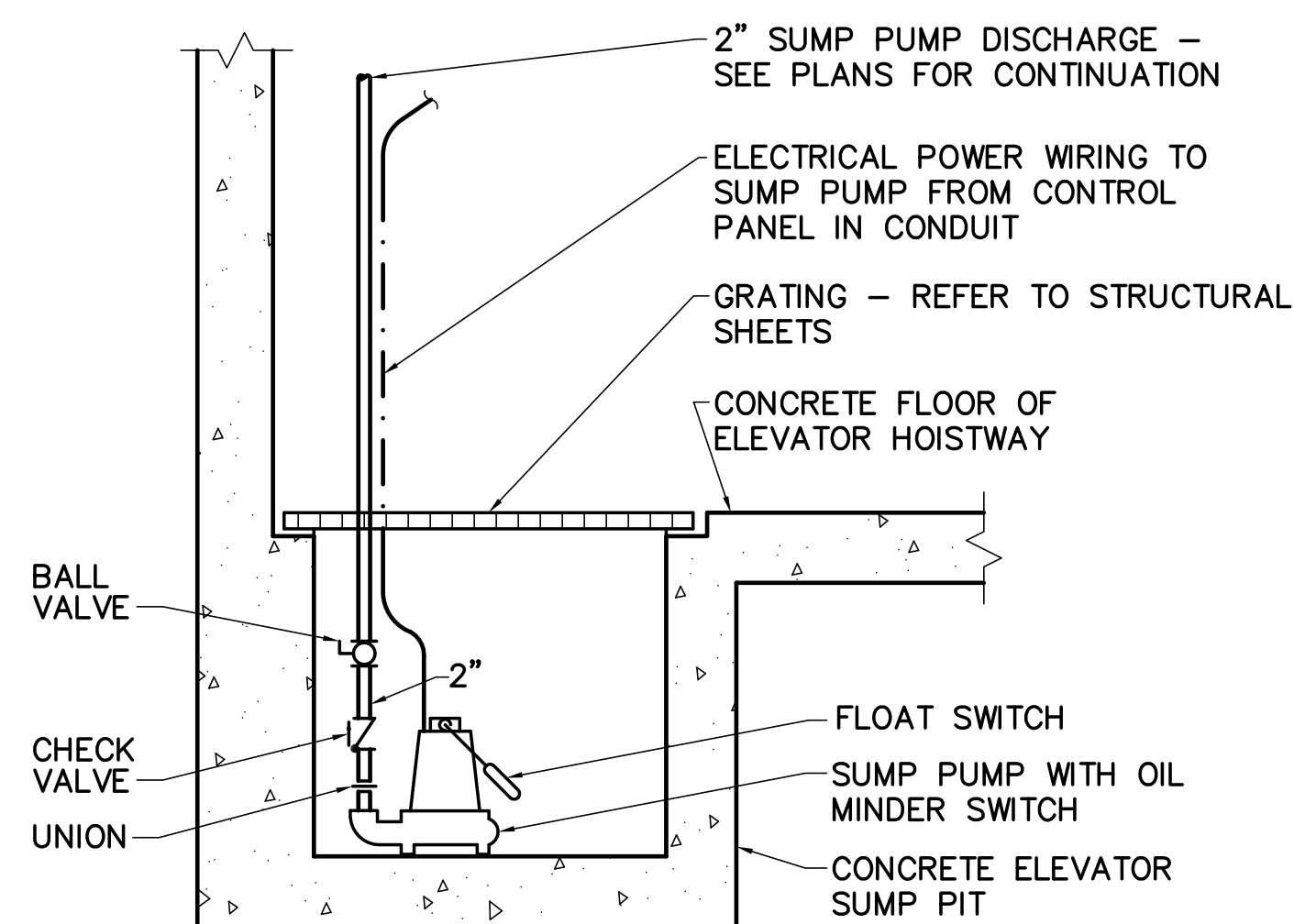
4 INLINE PUMP PIPING DETAIL
P-501 NOT TO SCALE



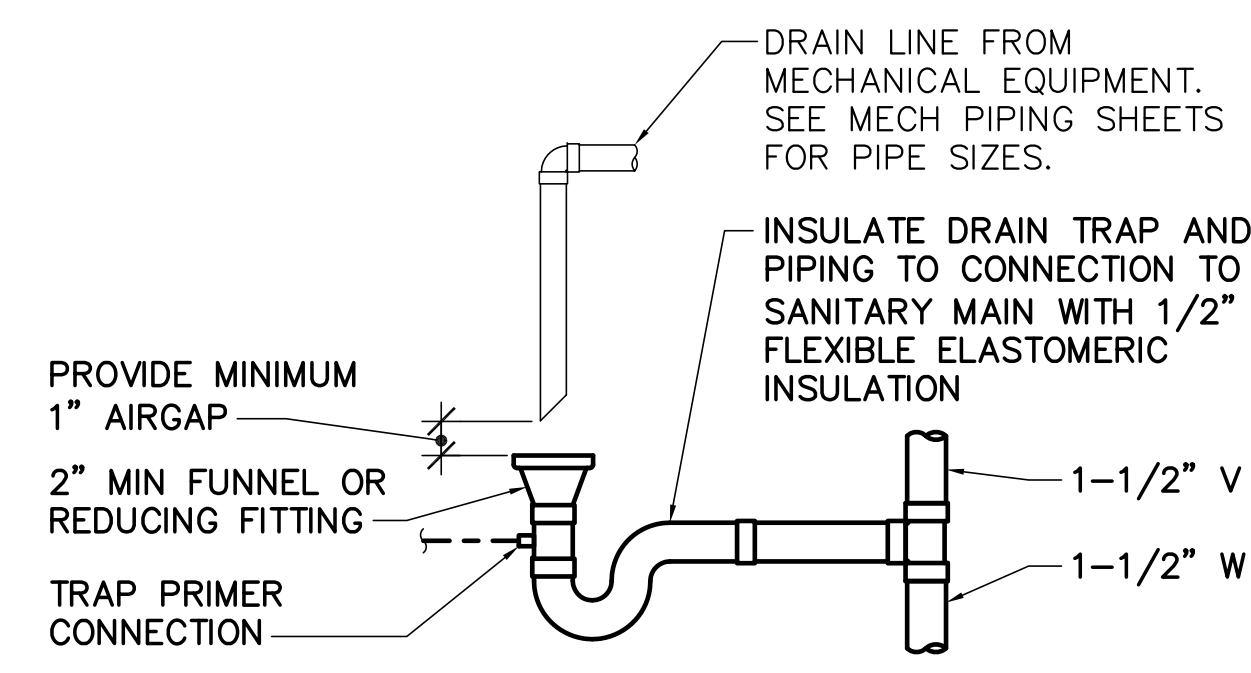
5 WATER SUPPLY ENTRANCE DETAIL
P-501 NOT TO SCALE



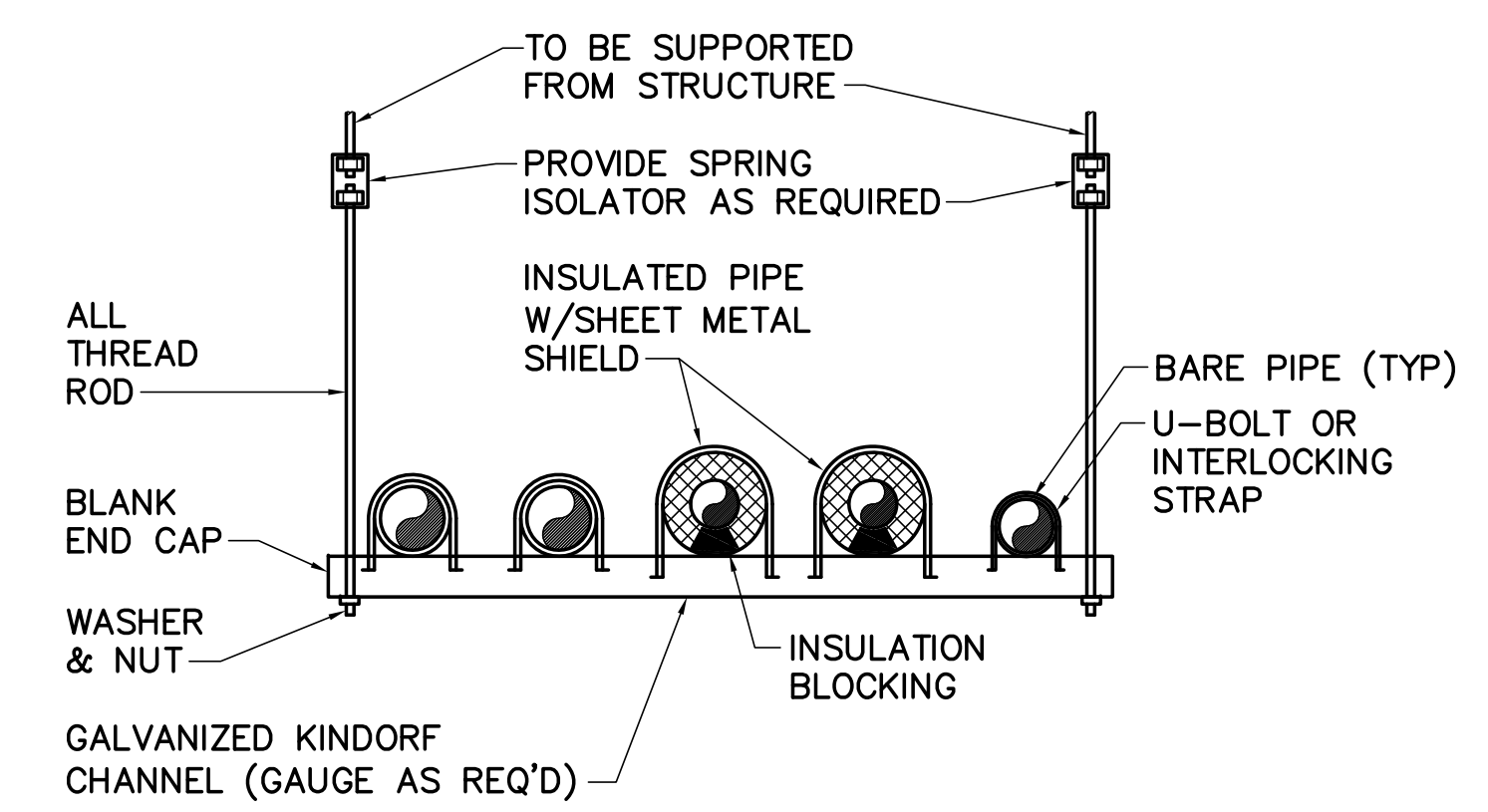
6 HI-LO MIXING VALVE PIPING SCHEMATIC
P-501 NOT TO SCALE



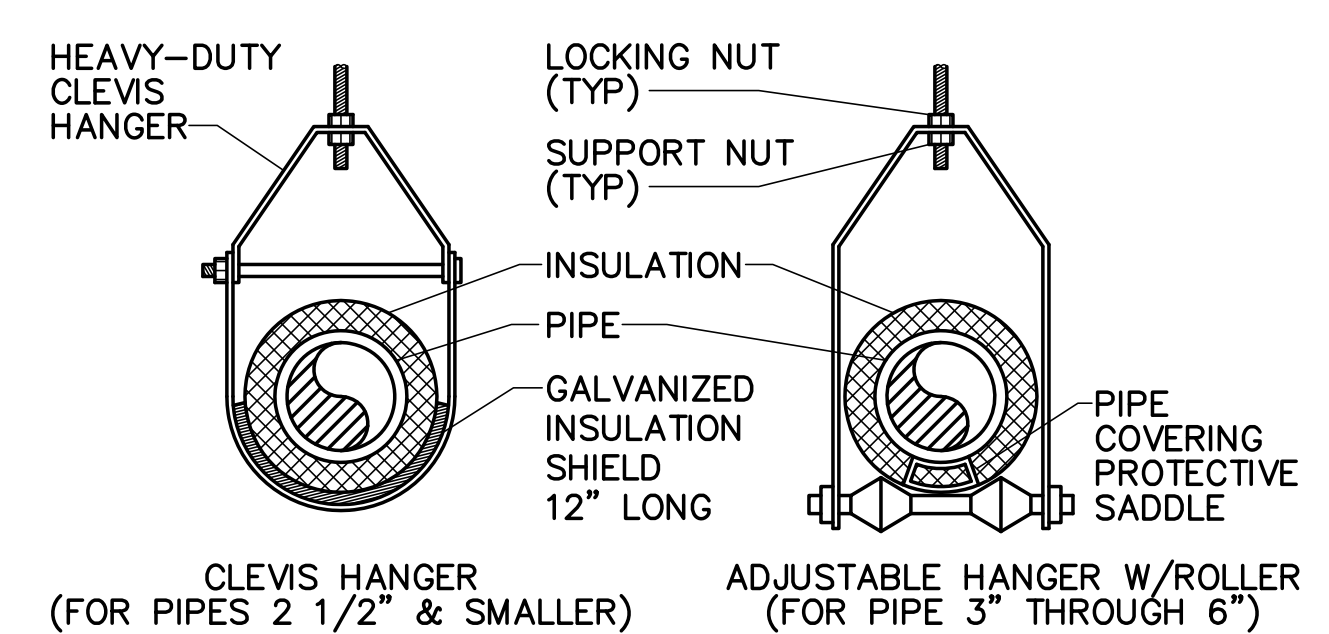
7 SUMP PUMP DETAIL
P-501 NOT TO SCALE



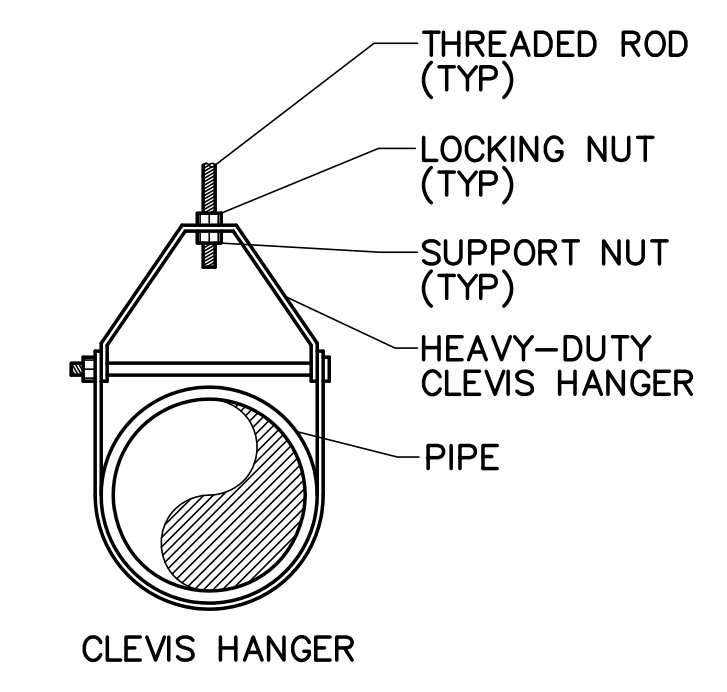
8 TYPICAL HEAT PUMP UNIT CONDENSATE DRAIN TRAP DETAIL
P-501 NOT TO SCALE



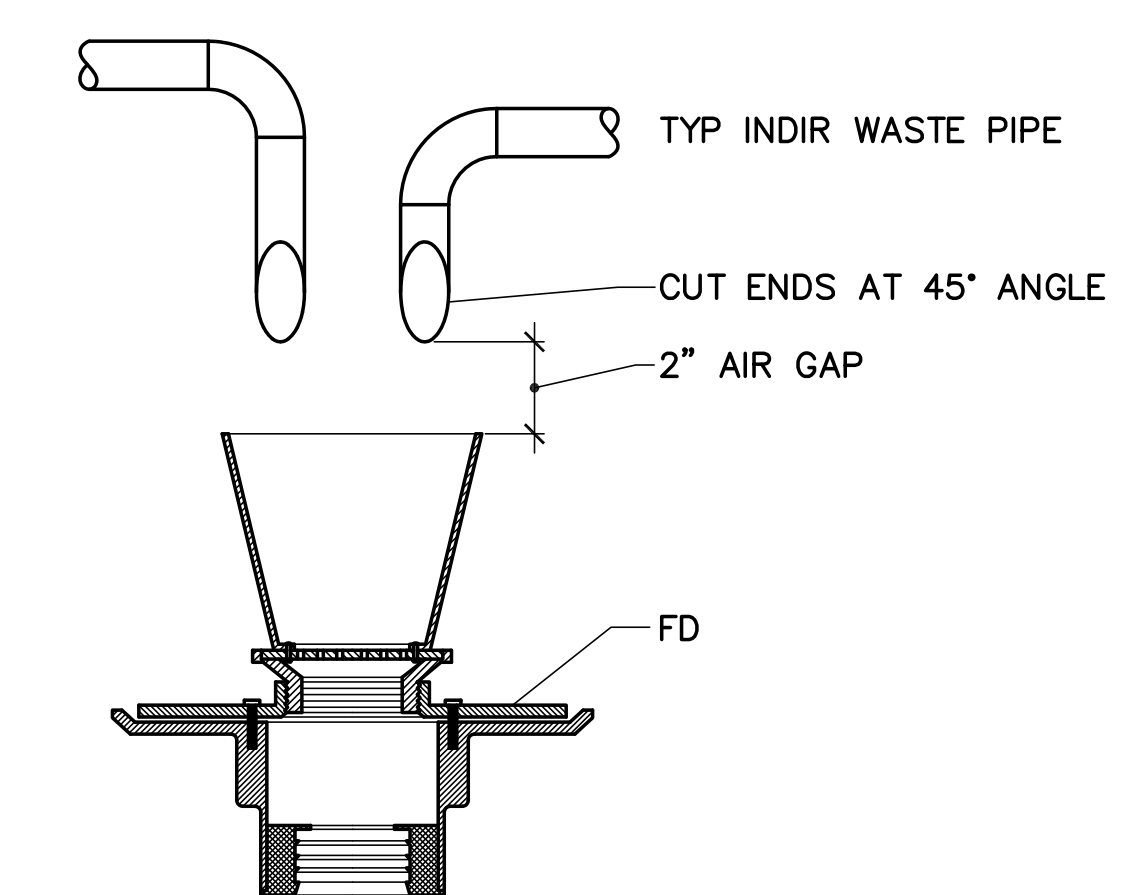
9 TRAPEZE PIPE SUPPORT
P-501 NOT TO SCALE



10 PIPE HANGER ATTACHMENT DETAILS
P-501 NOT TO SCALE



11 PIPE HANGER ATTACHMENT DETAIL
P-501 NOT TO SCALE



12 INDIRECT WASTE PIPING
P-501 NOT TO SCALE



DESIGNED BY: SMC
 DRAWN BY: KLG
 CHECKED BY: MSA
 PROJECT: 21502.10

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RENOVATIONS TO THE
 STEVENS AVENUE ARMORY

PLUMBING
 DETAILS AND
 SCHEDULES

SCALE: AS NOTED
 DATE: 05-24-16

DWG. P-501

SHEET: 119 OF 169