

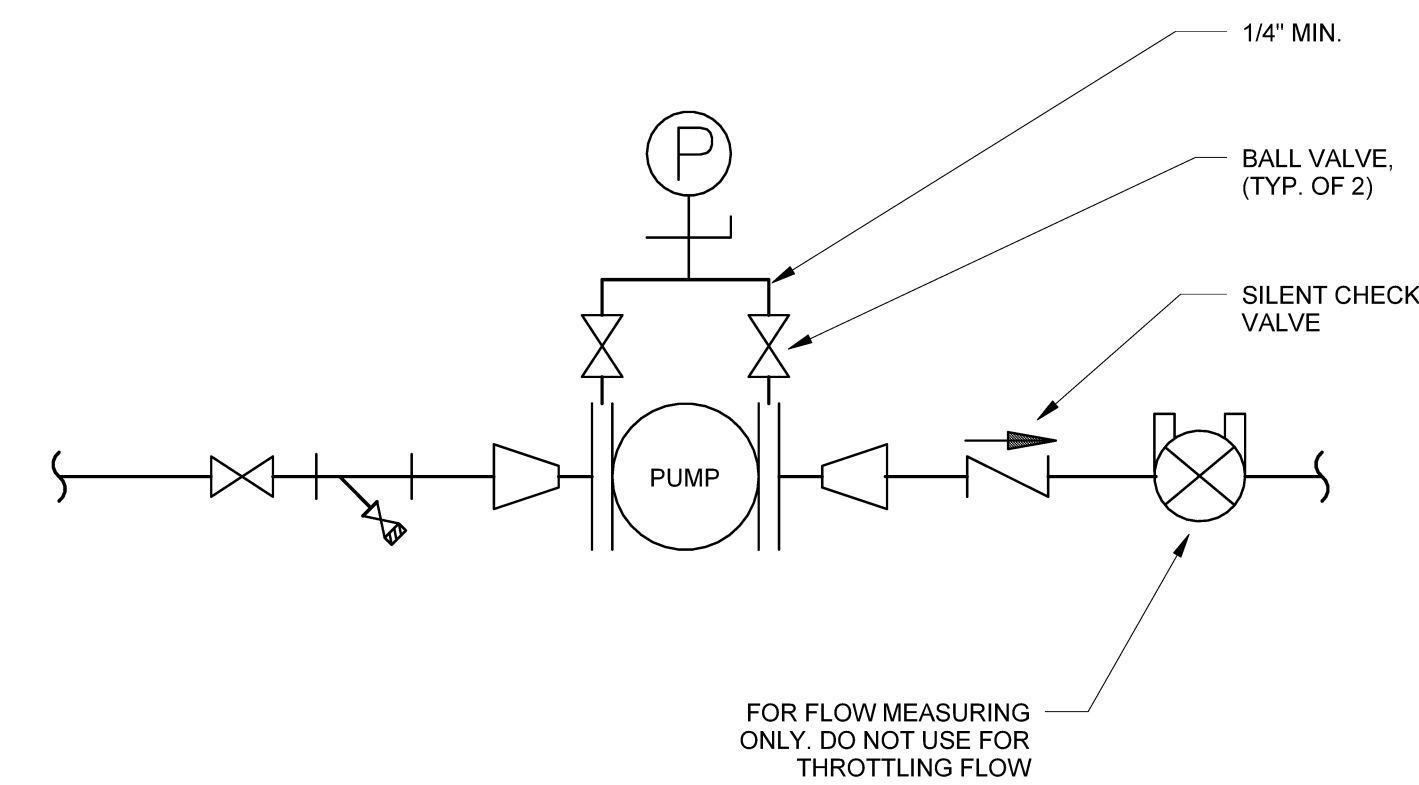
HARRIMAN

AUBURN PORTLAND MANCHESTER

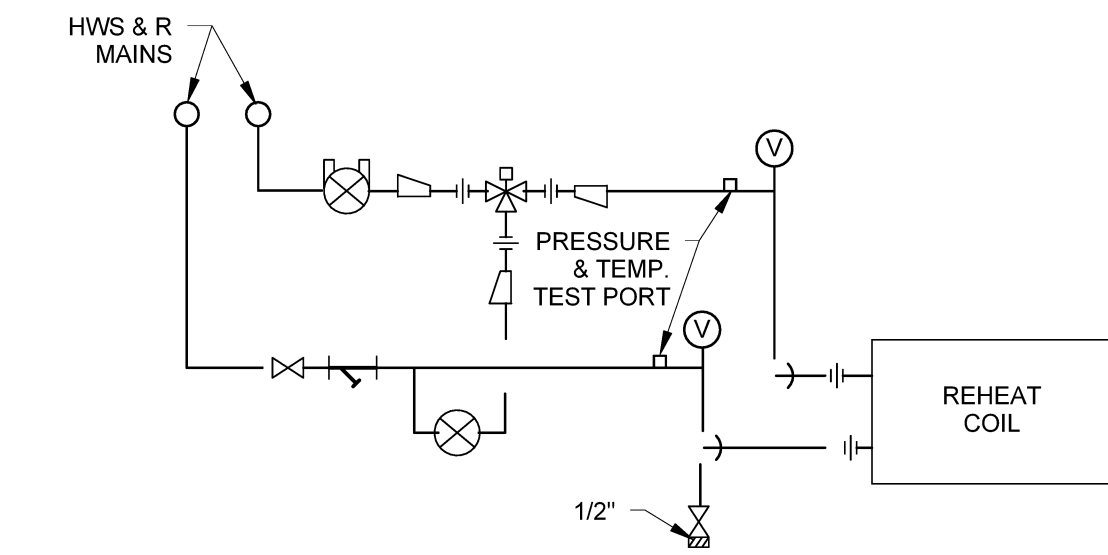
GOULD RESTAURANT

PORTLAND, MAINE

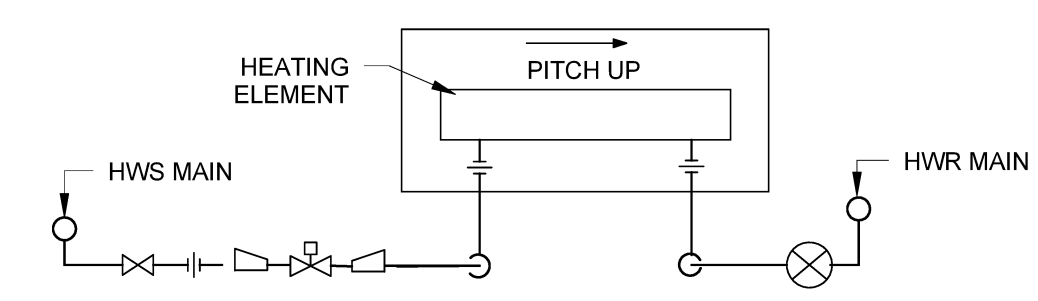
Harriman Project No. Project Number Key Plan Proj North



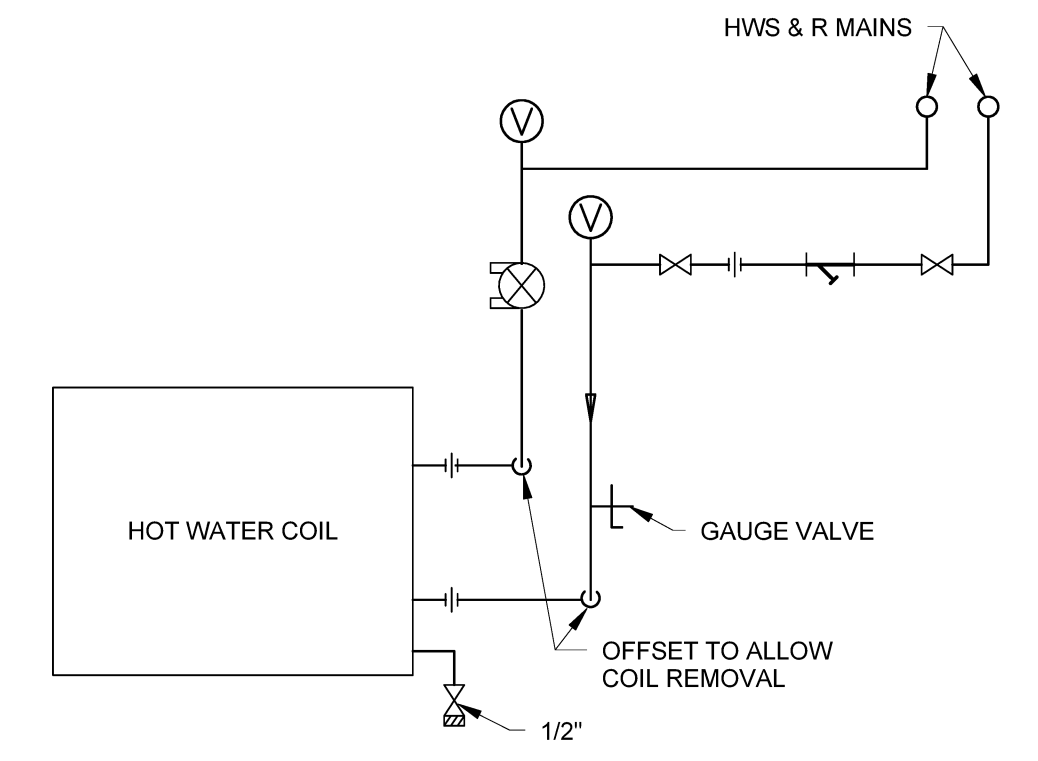
4 IN LINE PUMP NO SCALE



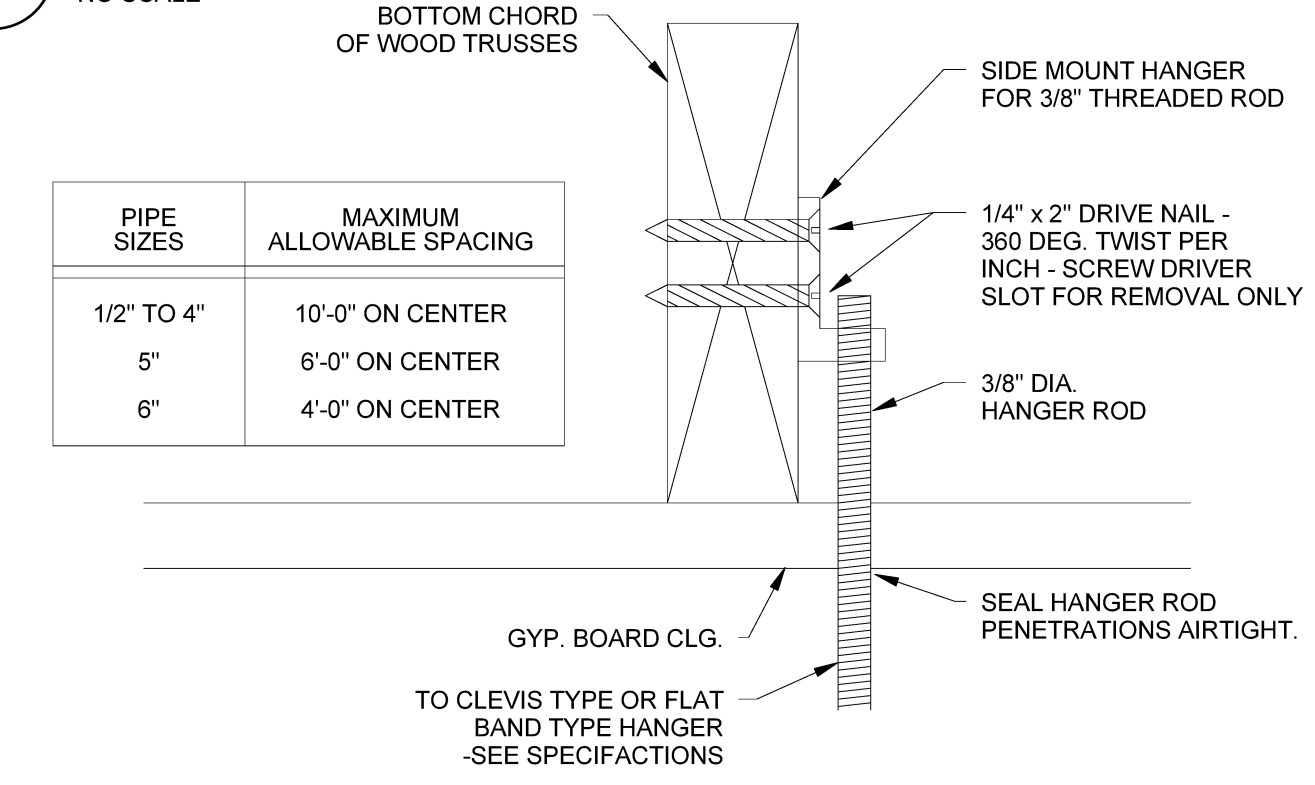
5 HOT WATER REHEAT COIL PIPING DIAGRAM 3-WAY VALVE ARRANGEMENT NO SCALE



6 HOT WATER CONVECTOR NO SCALE

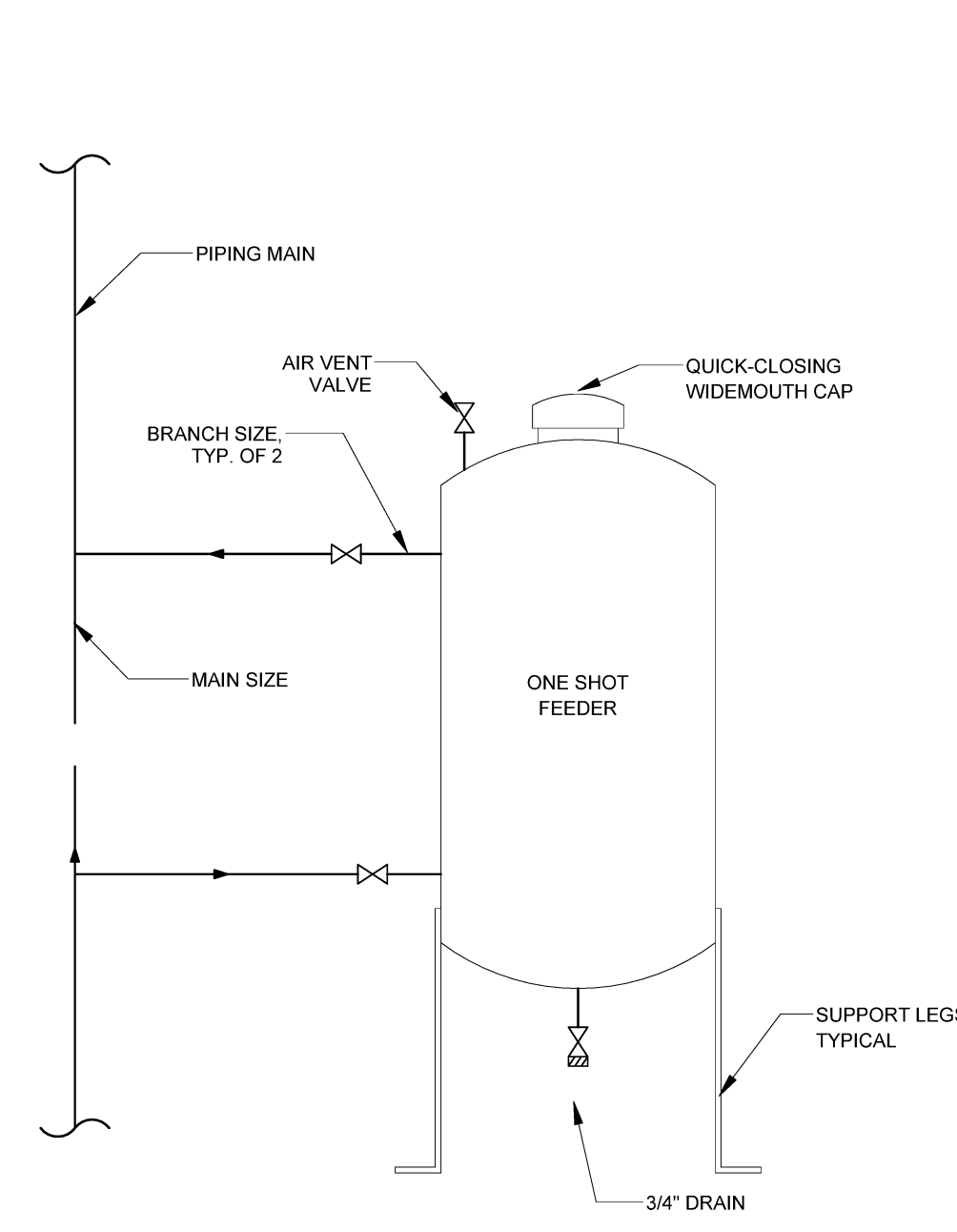


7 AHU COIL PIPING-2 WAY NO SCALE



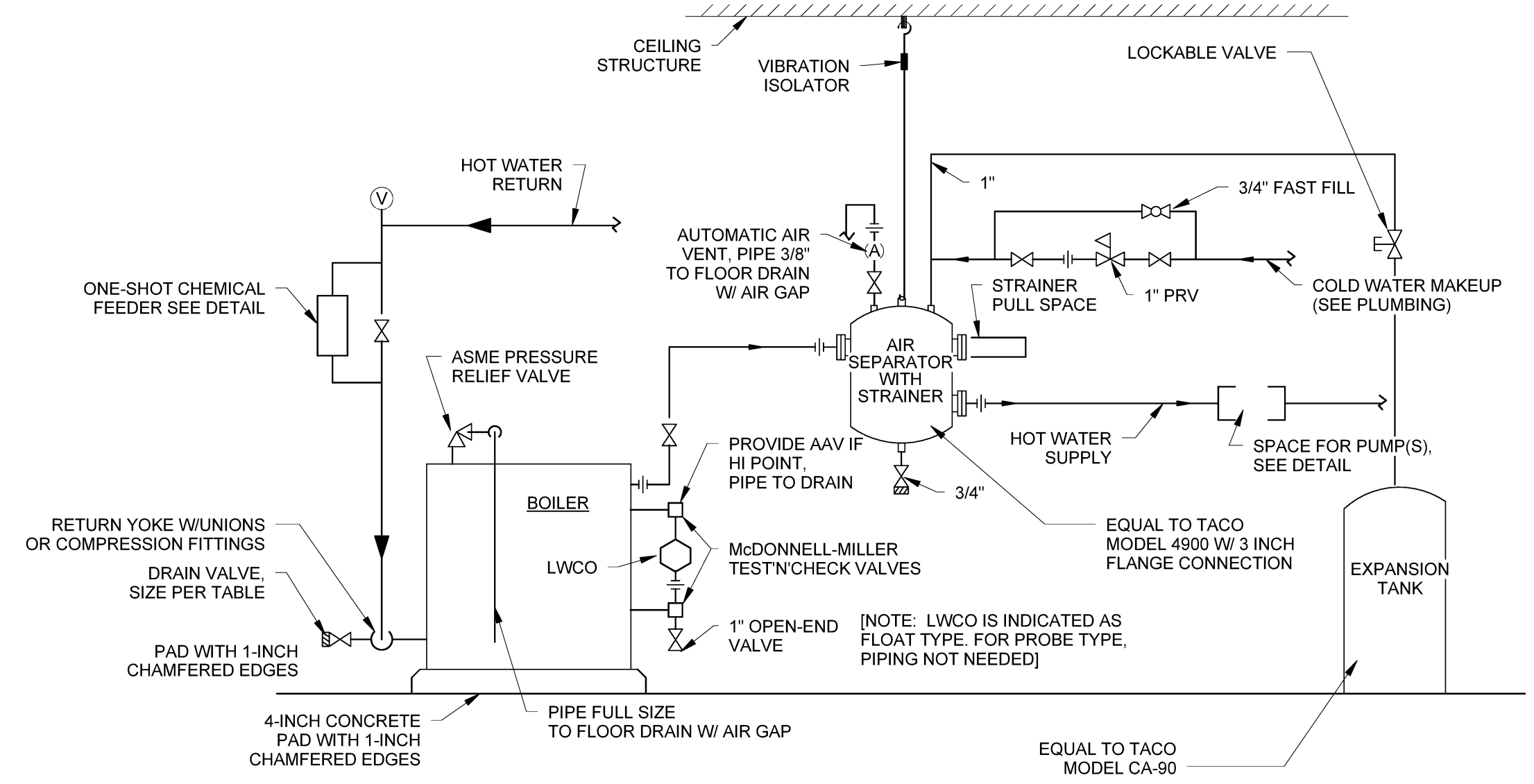
8 PIPE HANGER AT WOOD TRUSSES NO SCALE

PIPE SIZES	MAXIMUM ALLOWABLE SPACING
1/2" TO 4"	10'-0" ON CENTER
5"	6'-0" ON CENTER
6"	4'-0" ON CENTER



3 ONE SHOT CHEMICAL FEEDER NO SCALE

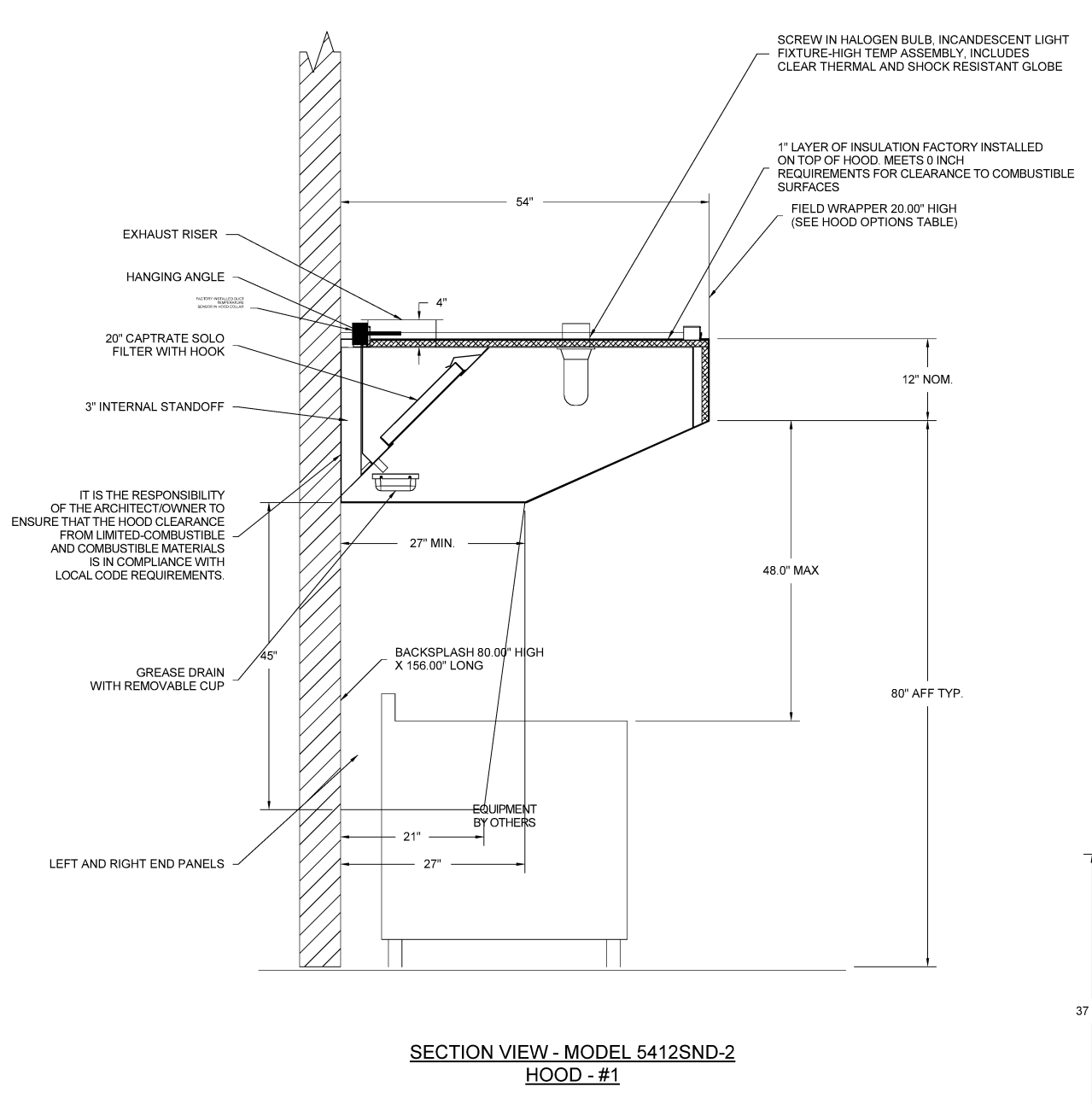
- NOTES:
- BRANCH PIPING SHALL BE THE LARGER OF FEEDER CONNECTION SIZE OR 1-1/4"
  - MOUNT FEEDER TO BE REACHABLE FROM FLOOR.
  - INSTALL UPSTREAM OF PUMPS.
  - SUPPORT FEEDER INDEPENDENT OF PIPING.
  - INSULATE BRANCH PIPING. HOT WATER FEEDER MAY BE UNINSULATED.



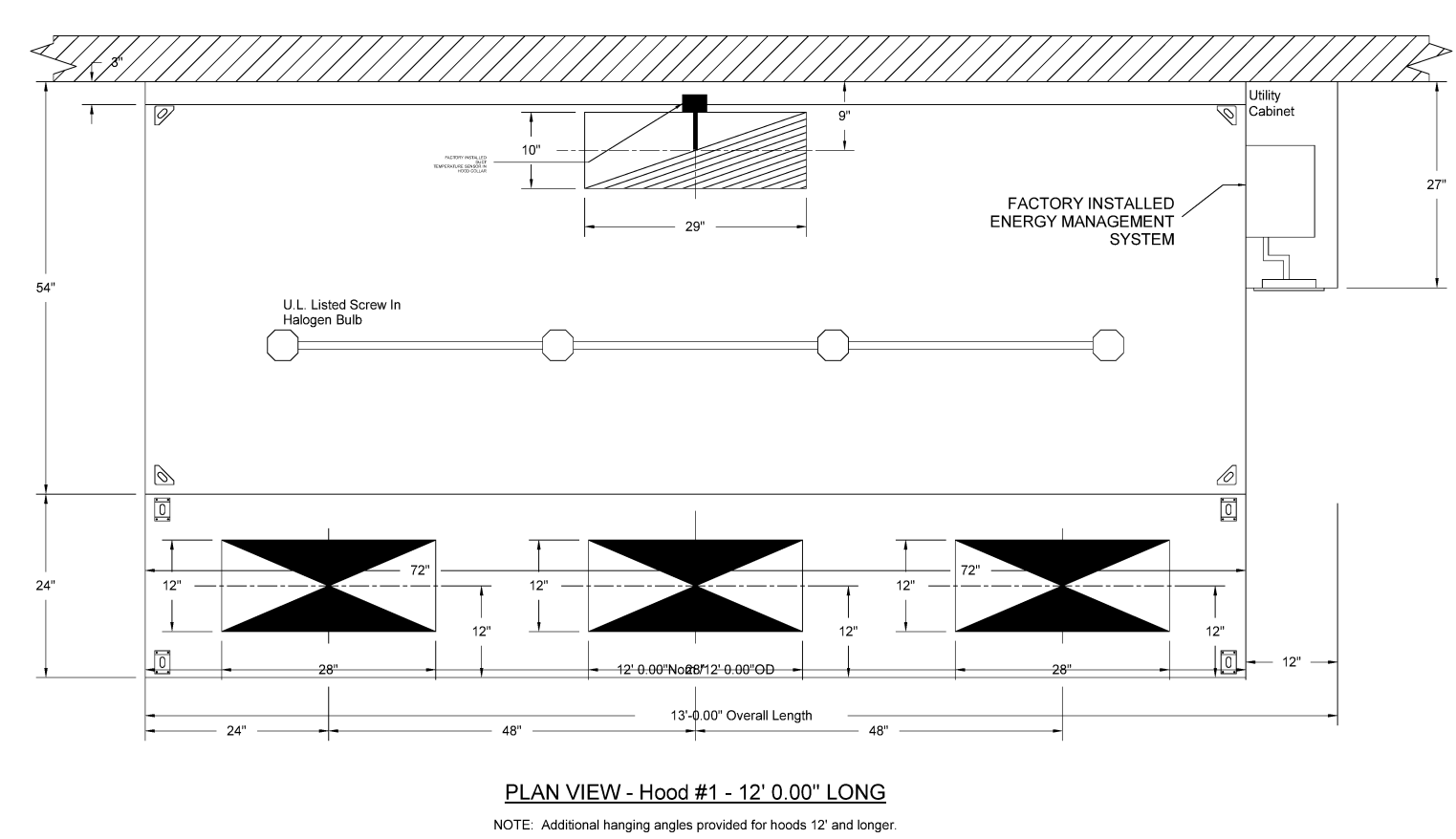
2 BOILER PIPING NO SCALE

MINIMUM REQUIRED SIZE OF BOILER DRAIN PIPING AND VALVE

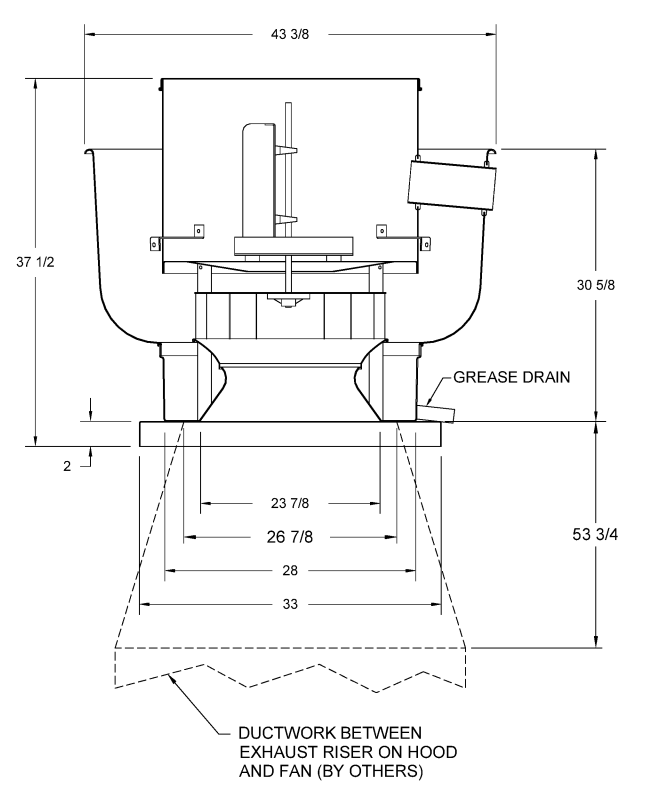
MINIMUM REQUIRED SAFETY VALVE CAPACITY - IN LBS OF STEAM PER HOUR	BOILER DRAIN PIPING AND VALVE SIZE
UP TO 500	3/4"
501 TO 1250	1"
1251 TO 2500	1 1/4"
2501 TO 6000	1 1/2"
6001 AND LARGER	2"



1 HOOD DETAILS NO SCALE



FAN #1 NCA24HPFA - EXHAUST FAN

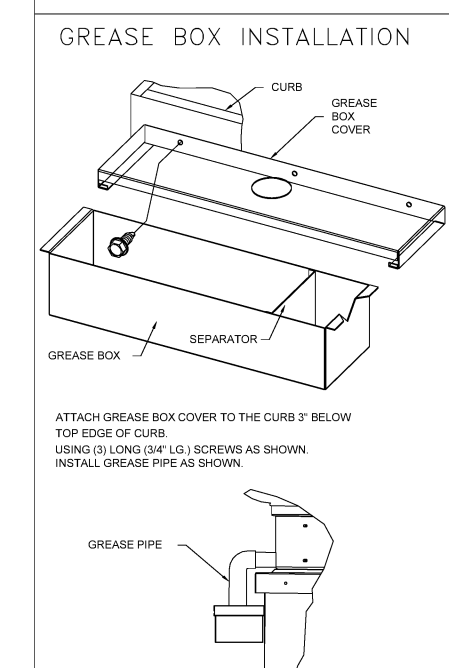
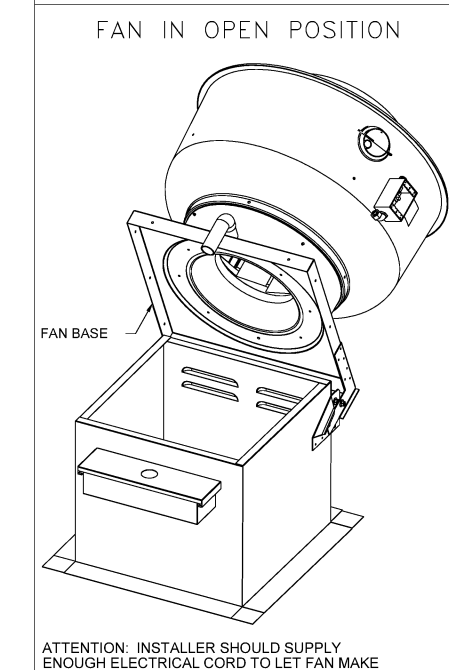
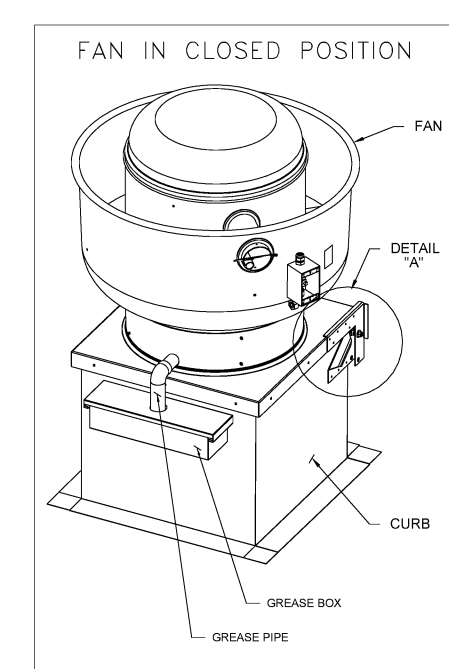


- FEATURES:
- ROOF MOUNTED FANS
  - RESTURANT MODEL
  - ULTRIX AND ULTRIX
  - MACH SOUND AND AIR CERTIFIED
  - WIRING FROM MOTOR TO DISCONNECT SWITCH
  - WEATHERPROOF DISCONNECT
  - HIGH HEAT OPERATOR 300°F (150°C)
  - GREASE CLASSIFICATION TESTING

NORMAL TEMPERATURE TEST EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 800°F (425°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION

ABNORMAL FLAME UP TEST EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 800°F (425°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION

- OPTIONS:
- GREASE BOX
  - FAN BASE CERAMIC SEAL - FOR GREASE DUCTS



ATTENTION: INSTALLER SHOULD SUPPLY ELECTRICAL CORD TO LET FAN MAKE COMPLETE SWING.

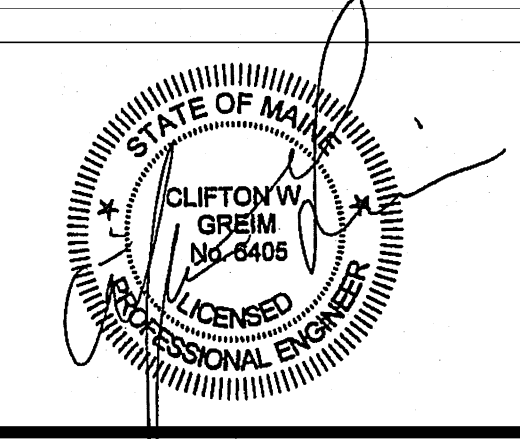
ATTACH GREASE BOX COVER TO THE CURB 7 BELOW TOP EDGE OF CURB. WRENCH DOWN BY 4-5 SCREWS AS SHOWN. INSTALL GREASE PIPE AS SHOWN.

ELECTRICAL PACKAGE NOTES:

- A FAN ELECTRICAL CONTROL PACKAGE SHALL BE PROVIDED TO CONTROL THE FAN CURB AND FAN.
- INDIVIDUAL WIRE COBES OF 10-16 AWG SHALL BE USED TO CONTROL THE FAN CURB AND FAN. THE FAN CURB AND FAN SHALL BE CONTROLLED BY A SINGLE 240V LINE. THE FAN CURB AND FAN SHALL BE CONTROLLED BY A SINGLE 240V LINE. THE FAN CURB AND FAN SHALL BE CONTROLLED BY A SINGLE 240V LINE.
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Issues and Revisions

Mark	Date	Description
	05-31-13	ISSUED FOR CONSTRUCTION



Drawing Scales

NO SCALE		

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 Drawn By: JSC

DETAILS

M30.1