

AIR SEPARATOR AND EXPANSION TANK DETAIL

LENGTH AS CALLED FOR

SECTION A-A

A. G.C. TO CUT BACK INSULATION AND PROVIDE FLASHING.

B. LOCATION, SETTINGS AND SECURING OF CURB BY HVAC.

D. LENGTH OF SUPPORTS AS CALLED FOR. PROVIDE BLOCKING BENEATH SUPPORTS IN FLUTES OF METAL DECKS.

E. PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND

C. PROVIDE SHIMS WHERE REQUIRED TO LEVEL SUPPORT

RESTRAINT FOR HVAC SYSTEMS

SUPPORT CAP

EQUIPMENT

FLASHING-

INSULATION

ROOF DECK-

FLASHING

SUPPORT CAP-

DETAIL NOTES:

ROOF-

M502 SCALE: NONE VERTICAL FLOOR MOUNTED-REPLACEABLE BLADDER

- EQUIPMENT SUPPORT (PIPE

SUPPORT SECTION

-ROOF INSULATION

CABINET UNIT HEATER PIPING DETAILS M502 SCALE: NONE

JOWNBLAST EXHAUST FAN DETAIL HOT WATER M502 SCALE: NONE

REMOVABLE DOME -

EXHAUST FAN

ALUMINUM —

BIRD SCREEN

HINGED CURB CAP. LOCATE ON SAME SIDE OF FAN AS

PREFABRICATED

ROOF CURB

INSULATION

ELECTRICAL CONDUIT

ELECTRICAL JUNCTION — BOX. LOCATE CONTROL RELAYS ADJACENT TO

ELECTRICAL JUNCTION

PLENUM

DETAIL NOTES:

DRAIN PAN

4" WATERTIGHT

DUCT MATE — 3/4" NPT DRAIN

FITTING AND CHROME PLATED BRASS CAP

B. REFER TO ROOF CURB DETAIL.

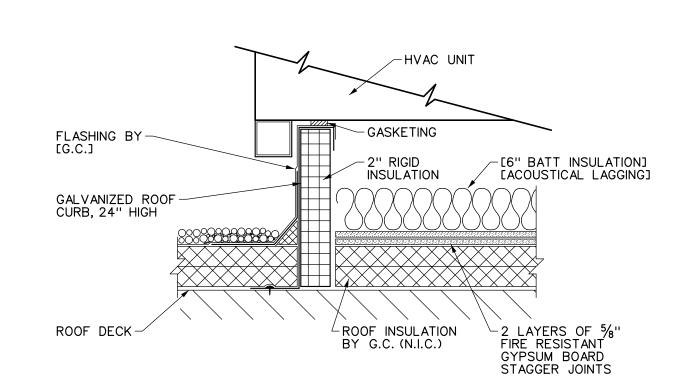
RESTRAINT FOR HVAC SYSTEMS

UNFUSED SAFETY

DISCONNECT SWITCH

ELECTRICAL CONDUIT GUIDE AND WIRING

COVER

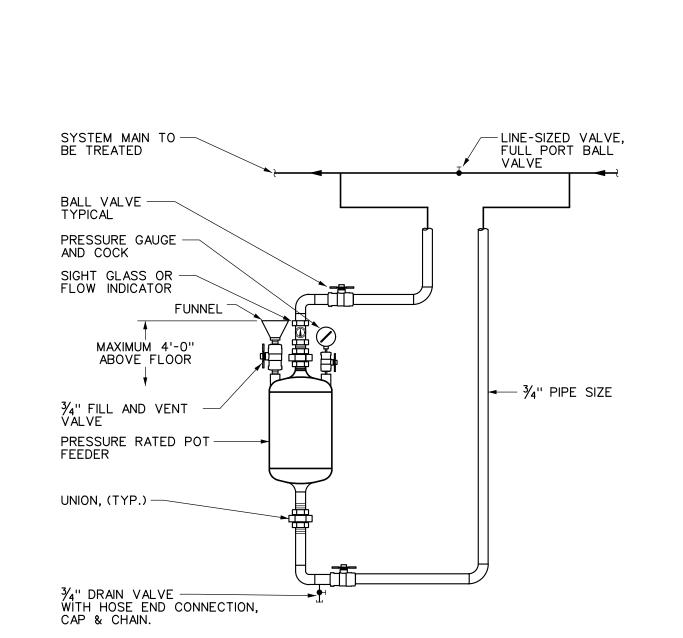


DETAIL NOTES:

- A. G.C. TO CUT BACK INSULATION AND PROVIDE FLASHING.
- B. LOCATION, SETTING AND SECURING OF CURB BY M.C.
- C. PROVIDE SHIMS WHERE REQUIRED TO LEVEL SUPPORT.
- D. PROVIDE BLOCKING BENEATH CURB IN FLUTES OF METAL DECKS.
- E. PROVIDE ACOUSTICAL LAGGING INSULATION [SOUNDSEAL XXX]
 IN LIEU OF BATT INSULATION WITHIN CURBING FOR COMPRESSORIZED
 UNIT INSTALLATIONS AND WHERE REQUIRED FOR NOISE CONTROL.
- F. PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS

、EQUIPMENT SUPPORT DETAIL M502 SCALE: NONE

ROOFTOP EQUIPMENT ROOF CURB DETAIL M502 SCALE: NONE



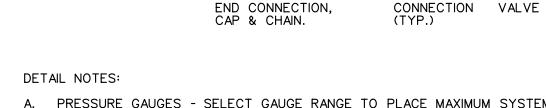
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6" MINIMUM =

C. PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND

A. BELT DRIVEN FAN SHOWN, DIRECT DRIVE SIMILAR.

CHEMICAL POT FEEDER DETAIL M502 SCALE: NONE 1 QUART



SEE SCHEDULE FOR CAPACITY

COMPOUND GAUGE -

STRAINER-

MOTOR SUPPORT

ASSEMBLY

BACKWARD INCLINED

- SPUN INLET VENTURI

DISCHARGE

- LOW LEAK

MOTORIZED

OPERATOR

- ROOF DECK

INTERMEDIATE SUPPORT

STEEL, ALL SIDES

RECOMMENDED

ROOF OPENING

VOLUME DAMPER

DAMPER WITH

ROLLED BEAD

WHEEL

A. PRESSURE GAUGES - SELECT GAUGE RANGE TO PLACE MAXIMUM SYSTEM OPERATING PRESSURE IN MIDDLE THIRD OF RANGE.

-DRAIN VALVE W/HOSE

- PROVIDE UNION ON PUMP INLET AND OUTLET IF PUMP IS NOT FLANGED.
- INSTALL PUMP WITH SHAFT HORIZONTAL. PIPING MAY BE INSTALLED HORIZONTAL, AS SHOWN, OR VERTICAL DEPENDING ON SITE CONDITIONS.
- INSTALL CHECK VALVE HORIZONTALLY, OR VERTICALLY WITH FLOW UPWARD. INSTALL STRAINER HORIZONTALLY.

PRESSURE GAUGE

-FLANGE

-ISOLATION

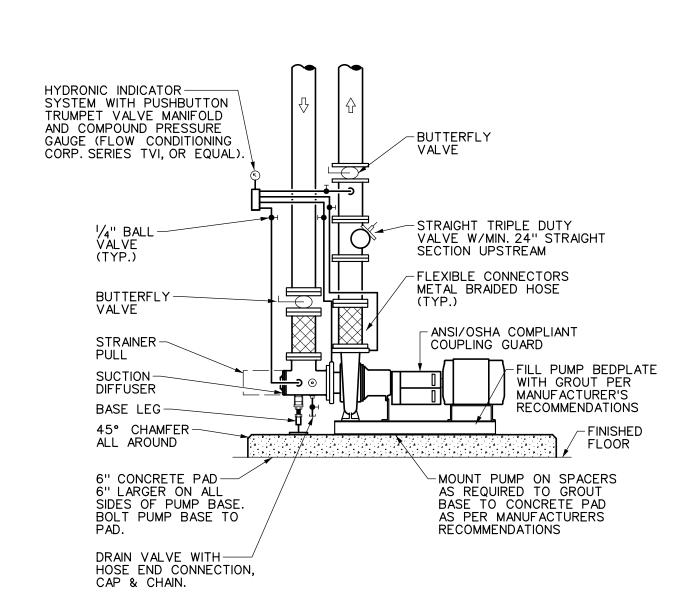
-BALANCING

VALVE

VALVE, (TYP.)

WHERE PIPING IS GREATER THAN 2", PROVIDE A TRIPLE DUTY VALVE IN PLACE OF CHECK VALVE, FLOW BALANCER AND SHUTOFF VALVE.

INLINE PUMP PIPING DETAIL SCALE: NONE



8 FLOOR MOUNTED PUMP PIPING DETAIL M502 SCALE: NONE

END SUCTION

BID SET 9-18-20 | ••