



- NOTES:
1. LOCATE VALVE AS CLOSE AS POSSIBLE TO DOWNSTREAM CONNECTION AND AT APPROXIMATE THE SAME ELEVATION. KEEP PIPING AS SHORT AND STRAIGHT AS POSSIBLE.
  2. 12" PIPE TO EXTEND VERTICALLY INTO SUB. 200' ELEVATION 275' TO 337'. KEEP PIPING AS STRAIGHT AS POSSIBLE. CONNECT 4" PIPE TO 12" PIPE AT ELEVATION 275' AND 337'. 12" PIPE TO 12" PIPE AT ELEVATION 275' AND 337'.
  3. ALL PIPING AND SUPPORTING MEMBER CONNECTIONS SHOULD BE DONE AS SOON AS POSSIBLE. ALL PIPING SHOULD BE INSTALLED UNTIL READY TO BE COMPLETED.
  4. FLOOR FINISH SHOULD BE INSTALLED ON REAR SLURRY PIPING LAYOUT.
  5. FLOOR WITH HORIZONTAL BRACKS & BRACKS WITH EXTENSION STEM EXTENDING VERTICALLY AND HORIZONTAL LOCATE INSIDE AND NEAR THE TOP OF THE SHIELD WALL SURROUNDING THE FILTERS.
  6. INDICATING SWITCH.
  7. LOCATE VALVE AS CLOSE AS POSSIBLE TO DOWNSTREAM CONNECTION AND AT APPROXIMATE THE SAME ELEVATION. KEEP PIPING AS SHORT AND STRAIGHT AS POSSIBLE.
  8. LOCATE INSTRUMENTS AS CLOSE TO 180193 & 180194 AS POSSIBLE.
  9. CONNECTION FOR REAR FEED TRUNK TO BE LOCATED ON MEZZANINE FLOOR NEAR COLUMN LINE 20 AND BETWEEN COLUMN LINE 10 & 11. KEEP REAR FEED TRUNK AS STRAIGHT AS POSSIBLE AND 50' FROM COLUMN LINE AS STRAIGHT AS POSSIBLE TO BE NO HIGHER THAN ELL. 105.
  10. LOCATE ON MEZZANINE FLOOR NEAR COLUMN LINE 20 AND BETWEEN COLUMN LINE 10 & 11.
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  12. LOCATE ON MEZZANINE FLOOR NEAR COLUMN LINE 20 AND BETWEEN COLUMN LINE 10 & 11.
  13. LOCATE ALL INSTRUMENTATION OUTSIDE SHIELD WALLS.
  14. DO NOT VENTILATE CONNECTIONS OF VENT AND GROUND VALVE.
  15. VENTILATE ON REAR SIDE CHANNEL AND COVER ONLY. LOCATE END POINT OF PIPE, INSIDE THE END POINT OF PIPING TRUNK AND BRACKS TRUNK NEAR PLUMB TO THE PORTABLE CHECK LIDER APPROX. COLUMN LINE 14-17).

6. LOCATE 180193 & 180194 OUTSIDE SHIELD WALL WITH EXTENSION STEM TO GIVE SOME DISTANCE BETWEEN VALVE AND STEM.
8. LOCATE INSTRUMENTS AS CLOSE TO 180193 & 180194 AS POSSIBLE.
9. CONNECTION FOR REAR FEED TRUNK TO BE LOCATED ON MEZZANINE FLOOR NEAR COLUMN LINE 20 AND BETWEEN COLUMN LINE 10 & 11. KEEP REAR FEED TRUNK AS STRAIGHT AS POSSIBLE AND 50' FROM COLUMN LINE AS STRAIGHT AS POSSIBLE TO BE NO HIGHER THAN ELL. 105.
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DESIGN PARAMETERS

ID.	PIPE SIZE	PRESSURE	TEMPERATURE	CLASS	MATERIAL
05	300.4	500 PSIG	-40°F	C	CS
16	150.4	110 PSIG	110°F	C	CS
17	150.4	115 PSIG	110°F	C	CS

APERTURE CARD

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10.4.8-2

NO.	REVISIONS	DATE	BY	CHKD.	APP'D.
1	REV. PER CHG. CH-1500-1.1				
2	REV. PER CHG. CH-1500-1.1				

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1	REV. PER CHG. CH-1500-1.1				
2	REV. PER CHG. CH-1500-1.1				

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11

11

8.5"

8.5"

11"

17"

PDR RIDS

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