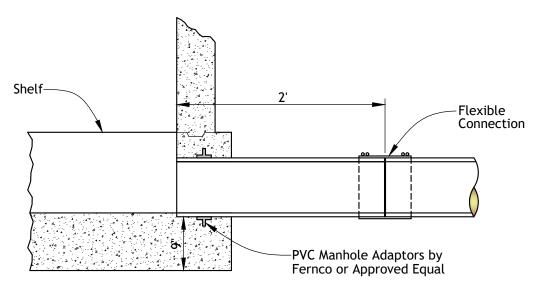


PLAN OF BASE

*Section A-A and Notes located on Sheet 2



PVC MANHOLE CONNECTION

PRECAST REINFORCED CONCRETE MANHOLE



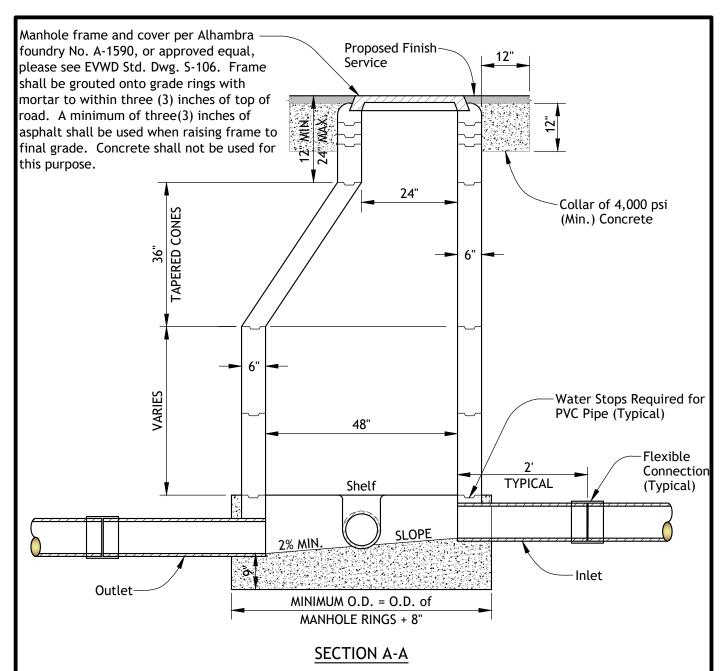
EAST VALLEY WATER DISTRICT, ENGINEERING DEPARTMENT APPROVED BY:

JEFF NOELTE, P.E. 67924 DIRECTOR of ENGINEERING and OPERATIONS

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EVWD STD. DWG S-104

SHEET 1 OF



NOTES:

- 1. Inside joints shall be neatly mortared or fitted with a flexible plastic gasket per specifications.
- Concrete base and shelf shall be poured in one operation. Base shall be poured to a point four (4) inches above the top of the highest inlet pipe. All pipes shall be rigidly supported by temporary piers during this operation.
- 3. The depth of channel shall equal the pipe diameter + four (4) inches minimum for all sizes of pipe.

- Precast reinforced concrete manholes shall be manufactured to meet the requirements of ASTM C-478 specifications. (Latest Revisions)
- 5. Reinforcement: Cone and riser minimum $A_S = 0.12$ Sq.ft. per ft.
- 6. Concrete: Minimum compressive strength 4,000 psi at twenty eight (28) days.
- 7. For sewer mains eighteen (18) inches and larger, manholes shall be sixty (60) inches in diameter with a twenty-four (24) inch opening.

PRECAST REINFORCED CONCRETE MANHOLE



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SHEET 2 OF 2