NOTES:

1. Modify or increase drop (min. of 0.10') across manhole when line bends and/or pipe diameter changes.
2. Concrete shall be Class A per Caltrans Standards.
3. All joints shall be made water-tight with neoprene gaskets or Ram-neck.
4. Minimum crown elevation of smaller diameter inlet pipe shall be no less than the crown elevation of the outlet pipe without approval of City Engineer. Maximum drop from invert of inlet pipe to crown of outlet pipe shall be 1'-0".
5. Lay cut pipe through manhole and conform to contour of base.
6. Top of pipe to be removed within manhole. Trim to neat line and finish off with grout to leave a smooth finish.
7. Provide two joints within 24" at all entry points to manholes.
8. Reinforced concrete manhole sections shall be precast, and shall conform to ASTM C-478.
9. Apply Concrete Sealer "Xypex Concentrate" 2 coats to manhole base and 1 coat to inside and outside of barrels.

SECTION A-A

City of Redwood City
Engineering and Transportation

Type I Manhole
(Pipes 6" to 21"

NOT TO SCALE

Standard Detail
M - 3
SHT 1 OF 1

DATE: 11/25/19