NOTES:
1. MANHOLE COVER SHALL BE DESIGNED FOR A.A.S.H.T.O. H-20 LOADING.
2. FRAME AND COVER SHALL BE CAST IRON AND TENSILE STRENGTH OF 30,000 PSI.
3. SEAL JOINT BETWEEN CONCRETE SURROUND AND FINISHED AC SURFACE WITH CONCRETE & ASPHALT JOINT SEALANT. JOINT SEALANT TO BE W.R. MEADOWS SAFE-SEAL 3405, OR EQUAL. JOINT SEALANT TO BE BLACK IN COLOR.
4. FOR SUBDIVISION WORK, MANHOLE FRAMES & COVERS TO BE CONSTRUCTED 6" BELOW OFFICIAL STREET GRADES BY SEWER CONTRACTOR. PAVING CONTRACTOR TO ADJUST FRAMES & COVERS TO OFFICIAL GRADE AFTER PAVING AND POUR CONCRETE SURROUND.
5. ALL MANHOLE SECTIONS SHALL BE JOINED WITH 3/8" THICK CEMENT MORTAR NEATLY STRUCK AND POINTED, OR PREFORMED COLD-APPLIED READY TO USE PLASTIC JOINT SEALING COMPOUND & PRIMER.

Typical Installation Section

- Grade Rings as Needed, Joined per Note 5
- Concrete Collar to be Class 560-C-3250 Concrete
- Asphalt Paper Wrapper

When Installing MH Prior to Planned AC Pave, Manhole Frames & Covers to Be Constructed with Rim Elevation at 6" Below Final Street Grade, Per Note 4


City of San Bernardino Municipal Water Department

Warren Huang, P.E.  RCE 49208

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