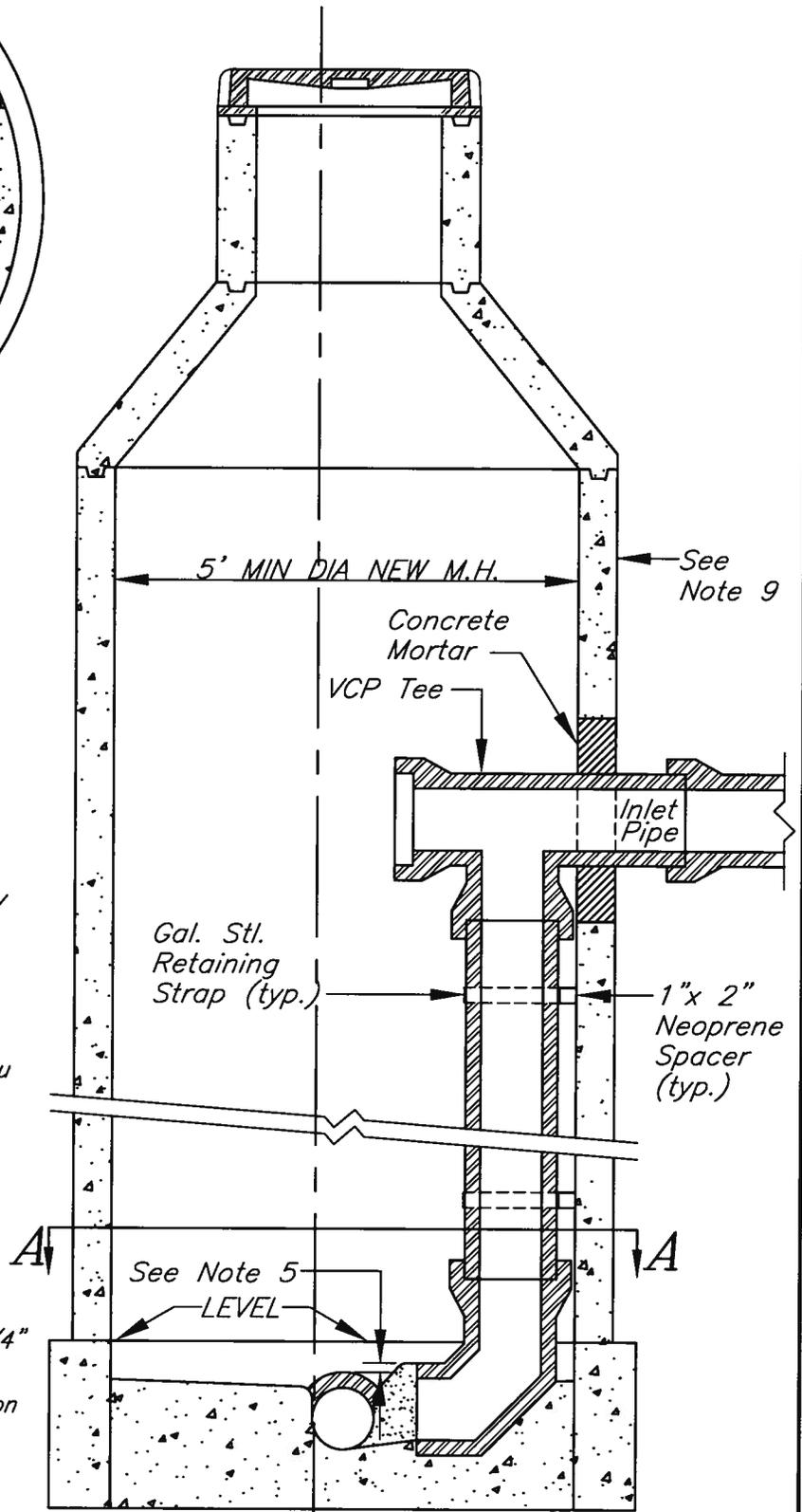


**SECTION A-A**

**NOTES:**

1. Class 560-C-3250 Concrete to be used.
2. Pipe and fittings to be 8" min. inside diameter.
3. If no stubs exist, the manhole is to be broken through and stubs are to be set to grade in concrete.
4. Form a concrete mortar arch around every pipe opening into manhole.
5. Crown of inlet to be 0.10 ft. higher than crown of straight-thru sewer unless otherwise noted. Concrete formed invert to be shaped thru existing shelf in a smooth curve to meet existing straight-thru invert.
6. 3.0 ft desirable minimum drop. 1.82 ft absolute minimum.
7. Install neoprene spacers at retaining straps, bells, and between concrete mortar and inlet pipe.
8. Install two (2) 1" x 3/8" Galv. Stl. retaining straps per joint of pipe. Anchor straps to MH shaft with 1-1/2"x1/4" Galv. Stl. lag screws and lead anchors.
9. See Std. Dwg. 500 for manhole construction details.



APPROVED BY

*[Signature]*  
CITY ENGINEER

5/18/11  
DATE

CITY OF RIVERSIDE  
PUBLIC WORKS DEPARTMENT

DROP MANHOLE

STANDARD DRAWING NO. 503

Sheet 1 of 1

MARK

REVISIONS

APPR. DATE