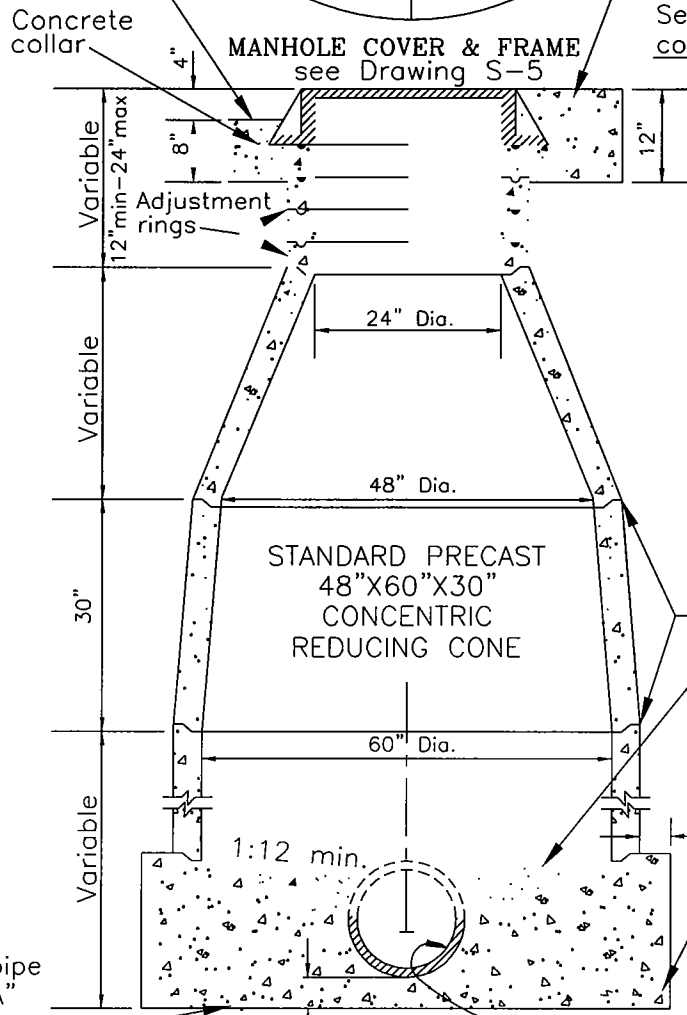


Quarter turns to be constructed to form a smooth flow line of same shape and pattern as bottom wall of pipe.

NOTE:  
When pipe is cut, all exposed reinforcing steel to be coated with 2" of concrete.

To be paved with A.C. (AR4000 or AR8000) tack-coat conc. & metal surfaces prior to paving.

Class "A" P.C.C. collar around C.I. frame - as shown. Set frame in conc. bed for concrete streets.



NOTE:  
Manhole coatings are required by the City. Approved products shall be applied per Manufacturer specs.

Precast manhole pipe to set on class "A" concrete poured in place.

MANHOLE DETAILS  
Scale: 1/2" = 1'-0"

See plan for flow line elevation and size of pipe.

**GENERAL NOTES:**

1. PRECAST PIPE, ADJUSTMENT RINGS AND TAPERED SECTIONS SHALL BE CLASS II R.C.P. IN ACCORDANCE WITH ASTM C-478.
2. ALL REINFORCING STEEL TO BE NO.4 BARS GRADE 60 STEEL, SPACED 12" O.C. BOTH WAYS IN TOP, BOTTOM & WALLS.
3. THIS STANDARD DRAWING SHALL BE USED FOR SEWER PIPES WITH DIAMETERS OF 30" THROUGH 42".

**60" SEWER MANHOLE WITH PRECAST SECTIONS AND CAST IRON FRAME & COVER**

REF. & REV. AUG. 2002

CITY OF FRESNO

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