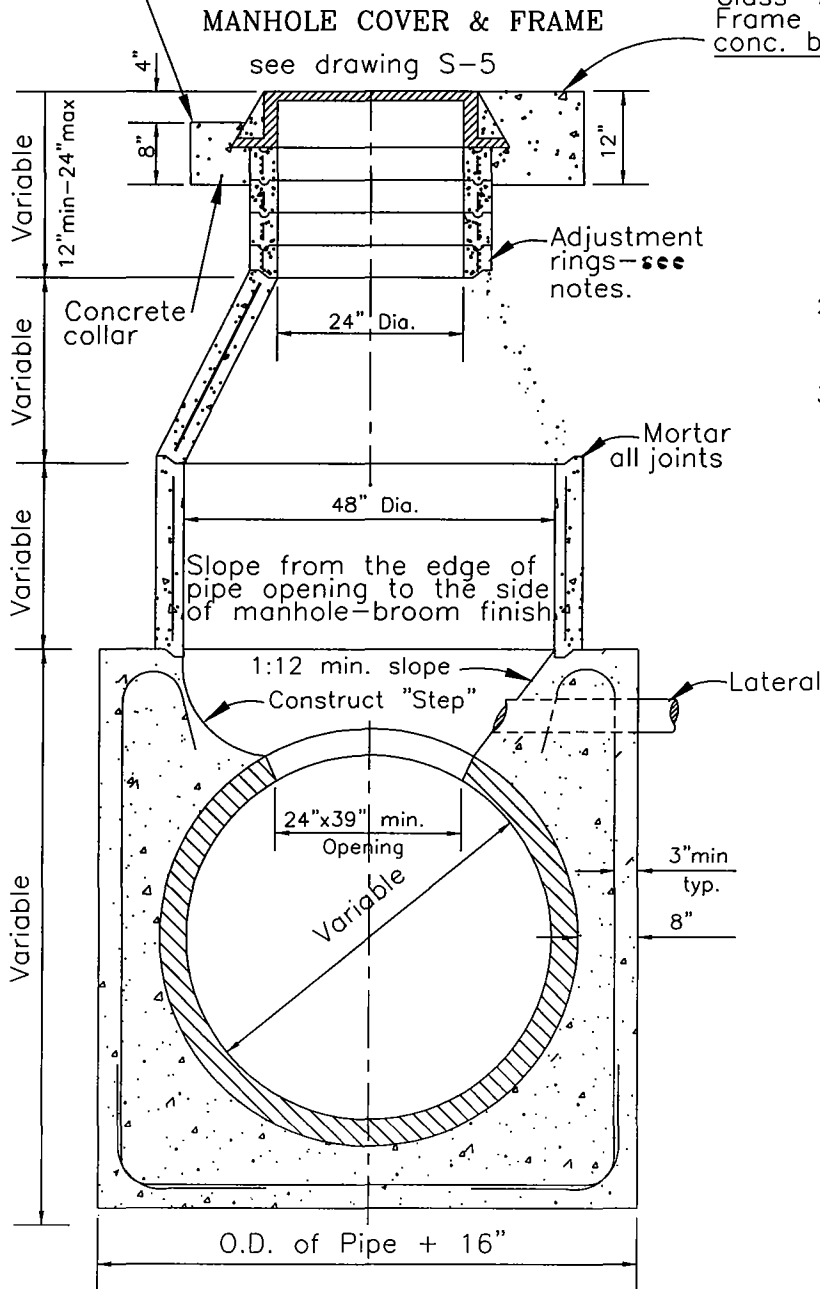


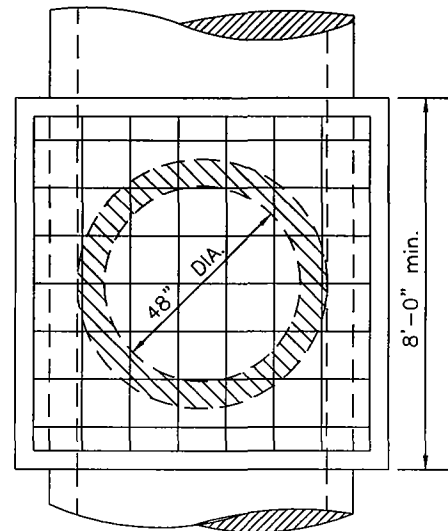
To be paved with A.C.(AR4000 or AR8000) Tack-coat conc. & metal surfaces prior to paving.

Class "A" P.C.C. collar around C.I. Frame - as shown. Set frame in conc. bed for conc. street only.



**GENERAL NOTES:**

1. PRECAST PIPE, ADJUSTMENT RINGS & TAPERED SECTIONS SHALL BE CLASS 2 R.C.P. IN ACCORDANCE WITH ASTM C-478. ELLIPTICAL SINGLE LINE REINFORCEMENT WILL NOT BE PERMITTED.
2. MANHOLE COATINGS ARE REQUIRED BY THE CITY. APPROVED PRODUCTS SHALL BE APPLIED PER MANUFACTURERS SPECS.
3. THIS STANDARD DRAWING SHALL BE USED FOR SEWER PIPES WITH DIAMETERS GREATER THAN 42" OR IN SITUATIONS WHERE THE MANHOLE SUB-STRUCTURE IS REQUIRED AS DIRECTED BY THE CITY ENGINEER.



**NOTES FOR MANHOLE SUB-STRUCTURE:**

1. ALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS.
2. ALL REINFORCING STEEL TO BE NO.4 BARS GRADE 60 STEEL, SPACED 12" O.C. BOTH WAYS IN TOP, BOTTOM & WALLS.
3. MINIMUM WALL THICKNESS IS 8".
4. SEE PLAN FOR FLOW LINE ELEVATION & PIPE SIZE.

SPECIAL SEWER MANHOLE  
FOR LARGE DIAMETER MAIN

REF. & REV.  
AUG. 2002

CITY OF FRESNO  
S-2