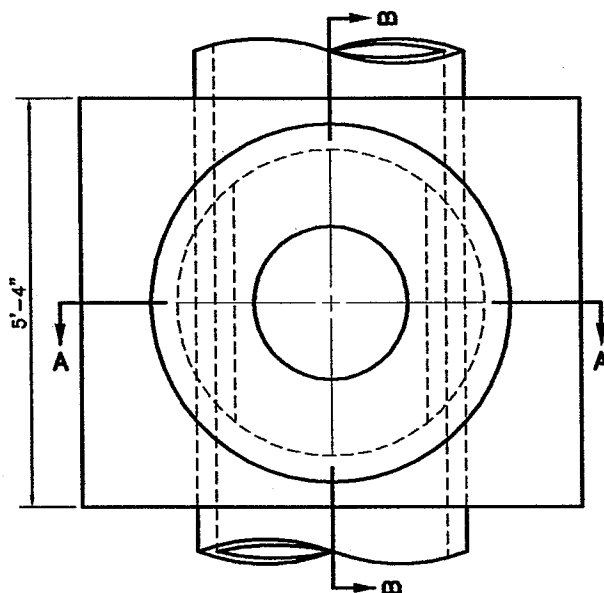




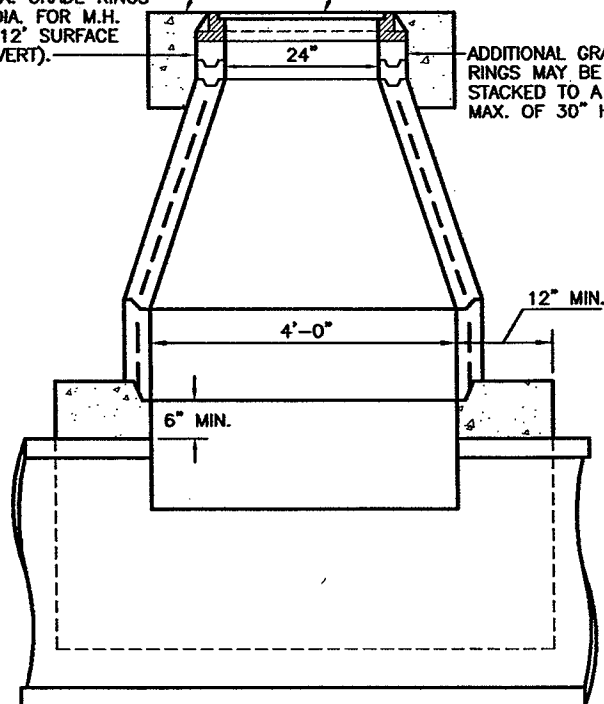
PLAN

POURED IN PLACE CONCRETE  
COLLAR SEE DWG. S-1.

24" DIA. GRADE RINGS  
(30" DIA. FOR M.H.  
OVER 12' SURFACE  
TO INVERT).

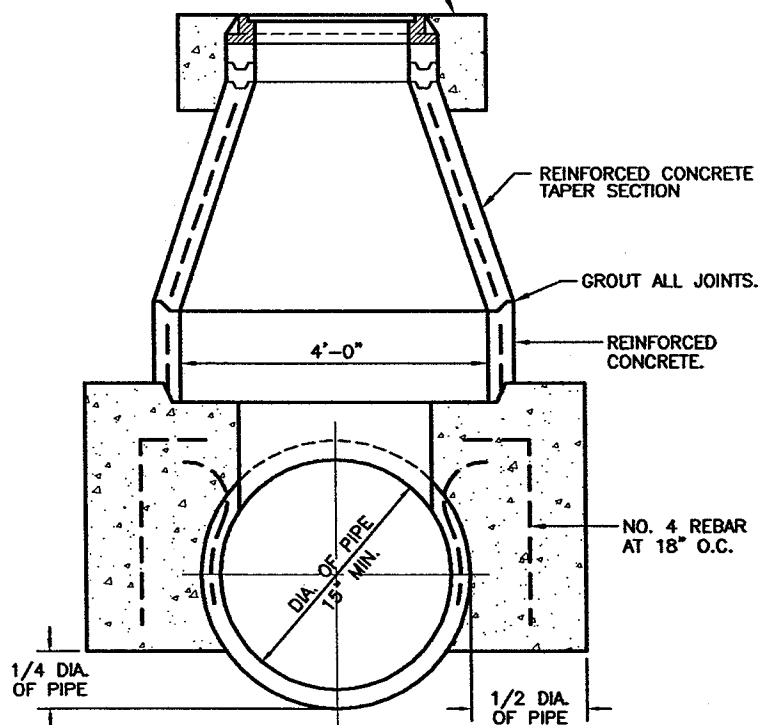
24" DIA. MANHOLE FRAME  
AND COVER SEE DWG. S-3.  
(30" DIA. FOR M.H. OVER  
12' SURFACE TO INVERT).

ADDITIONAL GRADE  
RINGS MAY BE  
STACKED TO A  
MAX. OF 30" HIGH.



SECTION B-B

CONCRETE (CLASS B) COLLAR  
ADD LAMPBLACK TO COLLAR.



SECTION A-A

#### NOTES:

1. M.H. SHALL BE REINFORCED PRECAST CONCRETE PER ASTM C-478.
2. INTERIOR OF THE MANHOLE SHALL HAVE A SMOOTH TROWELED FINISH.
3. FOR REINFORCED CONCRETE PIPES CUT AND BEND STEEL INTO MANHOLE BASE.
4. FOR FURTHER DETAILS REGARDING MANHOLES SEE S-1.

ENGINEERING DEPARTMENT

CITY OF MERCED, CA.

NEW MANHOLE / EXISTING SEWER

S-15

DRAWN: KGE

APPROVED BY:

DATE

ENG.

REVISED: 1/02

CITY ENGINEER

SHEET

OF