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 LAMBSKIN TO COLLAR.

REINFORCED CONCRETE
TAPER SECTION

GROUT ALL JOINTS.

REINFORCED CONCRETE.

4'-0"

NO. 4 REBAR
AT 18" O.C.

1/4 DIA.
OF PIPE

1/2 DIA.
OF PIPE

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 TROELED 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: T. Tucker

DATE: 01/22/02

ENG.

REVISED: 1/02

CITY ENGINEER

SHEET OF