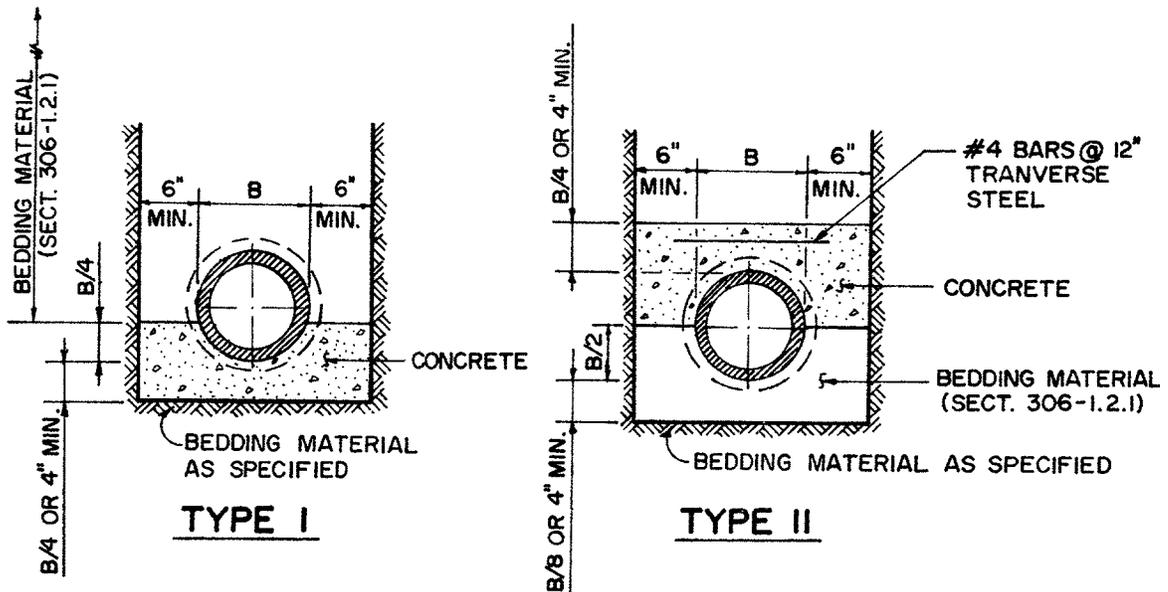


CONCRETE COLLAR DETAILS

NTS

NOTE: NOT ACCEPTABLE FOR SANITARY SEWERS.



CONCRETE BEDDING DETAILS

NTS

NOTES:

1. ALL CONCRETE FOR BEDDING AND COLLARS SHALL BE CLASS 450-B-2000 AS SPECIFIED IN SUBSECTION 201-1 OF THE STANDARD SPECIFICATIONS.
2. USE TYPE I CONCRETE BEDDING WHERE CUTS ARE 13.5' (4.1M) OR GREATER; TYPE II CONCRETE BEDDING WHERE PIPE COVER IS 3' (0.91) OR LESS IN PAVED STREET AREAS.
3. USE REINFORCING STEEL WHEN DESIGNATED ON THE PLANS.
4. UNLESS OTHERWISE SPECIFIED, CONCRETE BEDDING AND COLLARS SHALL BE PAID FOR AS PART OF THE CONSTRUCTION OF PIPE SEWER OR CONDUITS.
5. CONVERSION TO METRIC EQUIVALENTS SHALL BE IN CONFORMANCE WITH ASTM E 380.

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE SIGNED CITY OF OAKLAND STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION IS AVAILABLE FOR PURCHASE FROM THE CONTRACT ADMINISTRATION DEPARTMENT.

CITY OF OAKLAND

DESIGN AND CONSTRUCTION SERVICES DEPARTMENT



CONCRETE COLLAR AND BEDDING

ENGINEERING DESIGN MANAGER

DATE: JANUARY 2002

REV. DATE: _____

DWG.

D-1