SEWER OR DRAIN PIPE ANY

SIZE AND WALL THICKNESS

SANITARY SEWER

FLEXIBLE GASKET DETAIL

(LAKE COUNTY SANITARY ENGINEER ONLY)

LESS THAN 24" O.D.

NEOPRENE COMPOUND-

PER A.S.T.M. C-923

DATE\_

EXTERNAL CLAMP-

SCREWDRIVER SEALS
BOOT TO PIPE

TIGHTENED BY

-KORBAND INTERNAL

CLAMP OR EQUAL

MAX. LENGTH OF PIPE

2'-0" (V.C.P. R.C.P.)

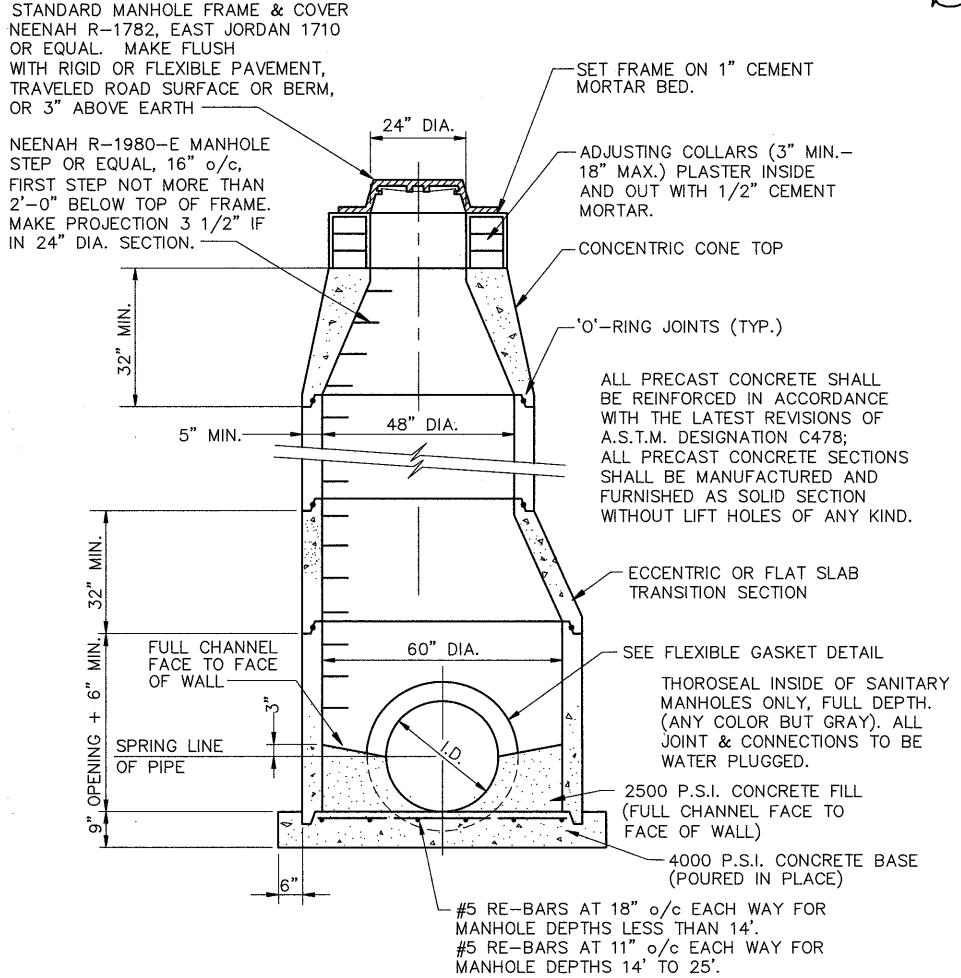
- WALL OF MANHOLE

PIECES

CONNECTION SHALL BE

D.I.P. MAY BE FULL LENGTH

## SANITARY SEWER DETAILS



ITEM 604 — MANHOLE, AS PER PLAN, TYPE B (27" TO 42" I.D.)
(LAKE COUNTY SANITARY ENGINEER ONLY)

TABLE OF DIMENSIONS

12"

15"

24"

6"

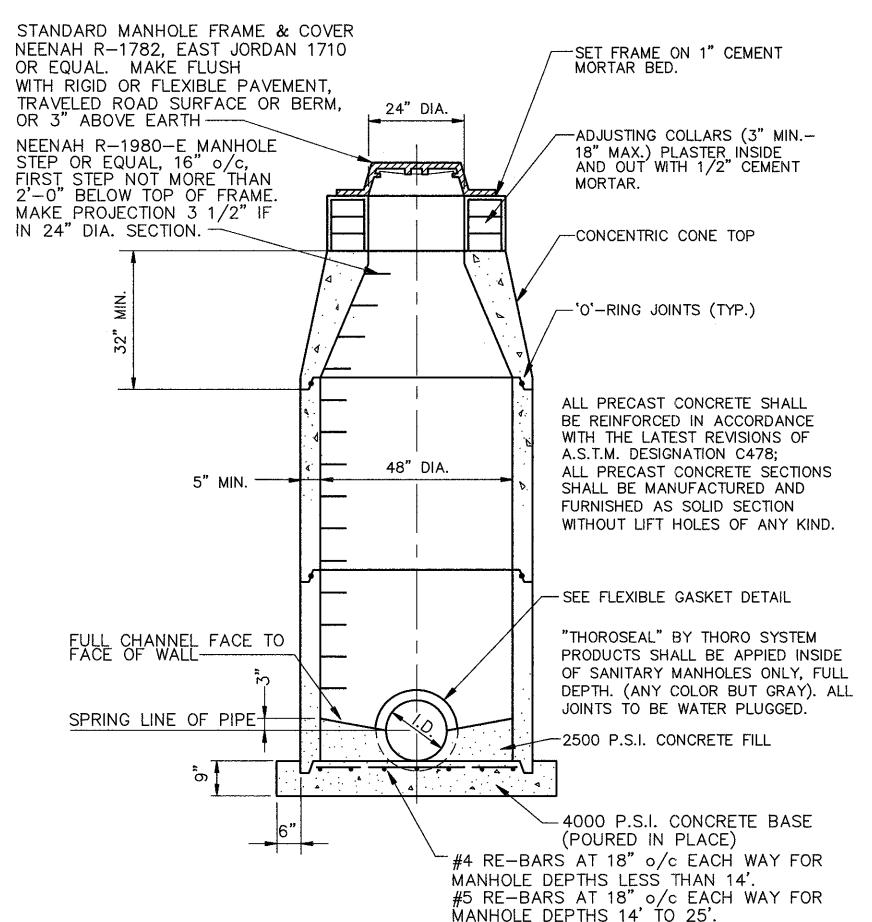
6"

8"

10"

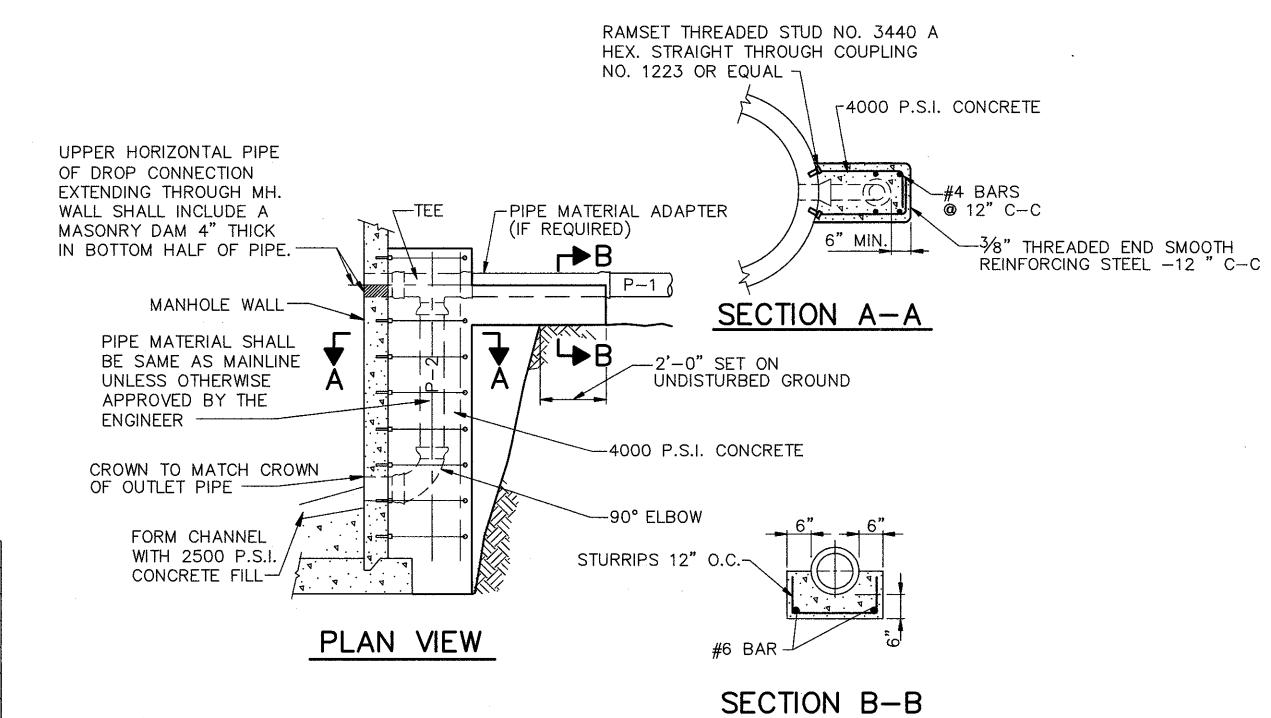
10"

12"

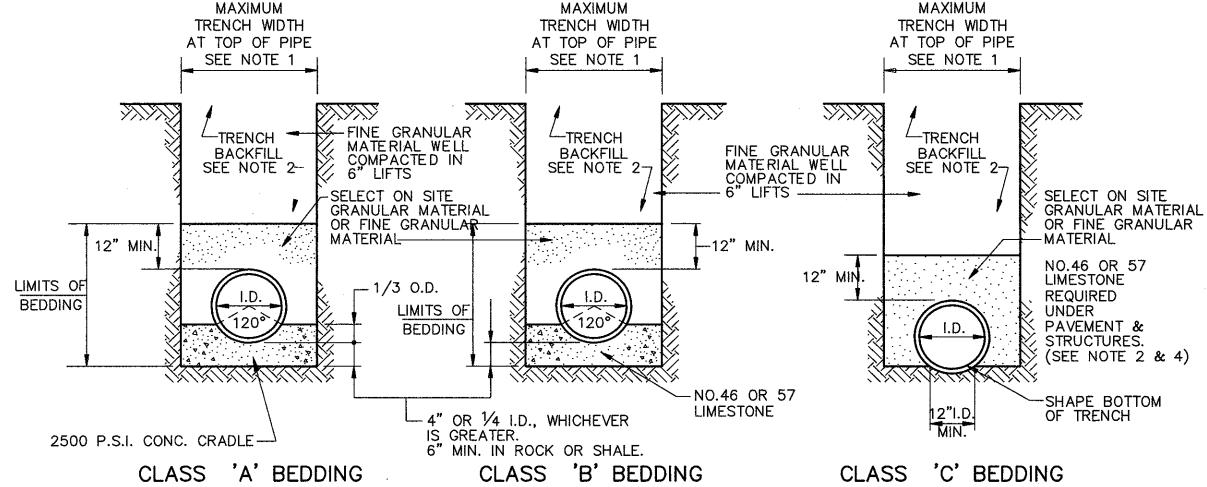


ITEM 604 - MANHOLE, AS PER PLAN, TYPE A (24" I.D. OR LESS)

(LAKE COUNTY SANITARY ENGINEER ONLY)



SANITARY MANHOLE DROP CONNECTION



## NOTES:

- 1. MAXIMUM TRENCH AT TOP OF PIPE SHALL BE 0.D.+24" FOR ALL PIPES UP TO AND INCLUDING 24" I.D.; O.D.+30" FOR PIPE LARGER THAN 24" I.D.
- 2. PIPE BACKFILL UNDER PAVEMENT AND STRUCTURES SHALL BE NO.46 OR NO. 57 LIMESTONE COMPACTED TO TOP OF TRENCH. THE BACKFILL MATERIAL SHALL EXTEND A MINIMUM OF 3 FEET BEYOND EACH EDGE OF PAVEMENT OR STRUCTURE. IN AREAS OUTSIDE OF PAVEMENT, SELECT ON—SITE GRANULAR MATERIAL APPROVED BY LAKE COUNTY SANITARY ENGINEER MAY BE USED IN LIFTS NOT TO EXCEED 6" FOR PIPE BACKFILL ABOVE BEDDING.
- 3. ALL BEDDING SHALL BE CLASS "B" UNLESS OTHERWISE NOTED ON THE PLANS OR AUTHORIZED BY THE ENGINEER.
- 4. SLAG BEDDING SHALL NOT BE USED.
- 5. WATER LINE BEDDING SHALL BE CLASS "C".
- 6. CLAY DAMS SHALL BE REQUIRED WHEN AND WHERE NECESSARY PER THE SOLE DISCRETION OF THE LAKE COUNTY SANITARY ENGINEER.

LAKE COUNTY DEPARTMENT OF UTILITIES

TRENCH & BEDDING DETAILS