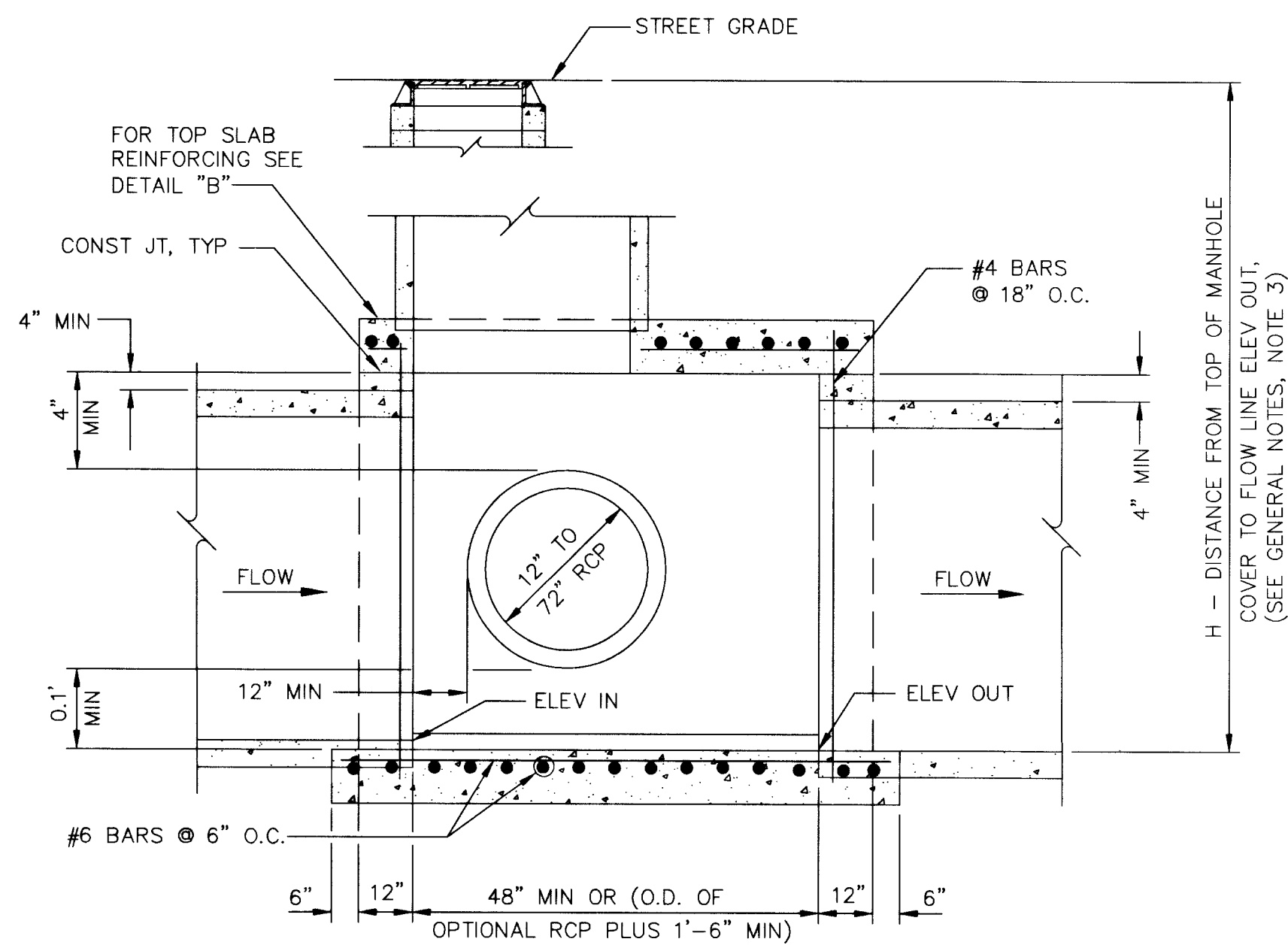
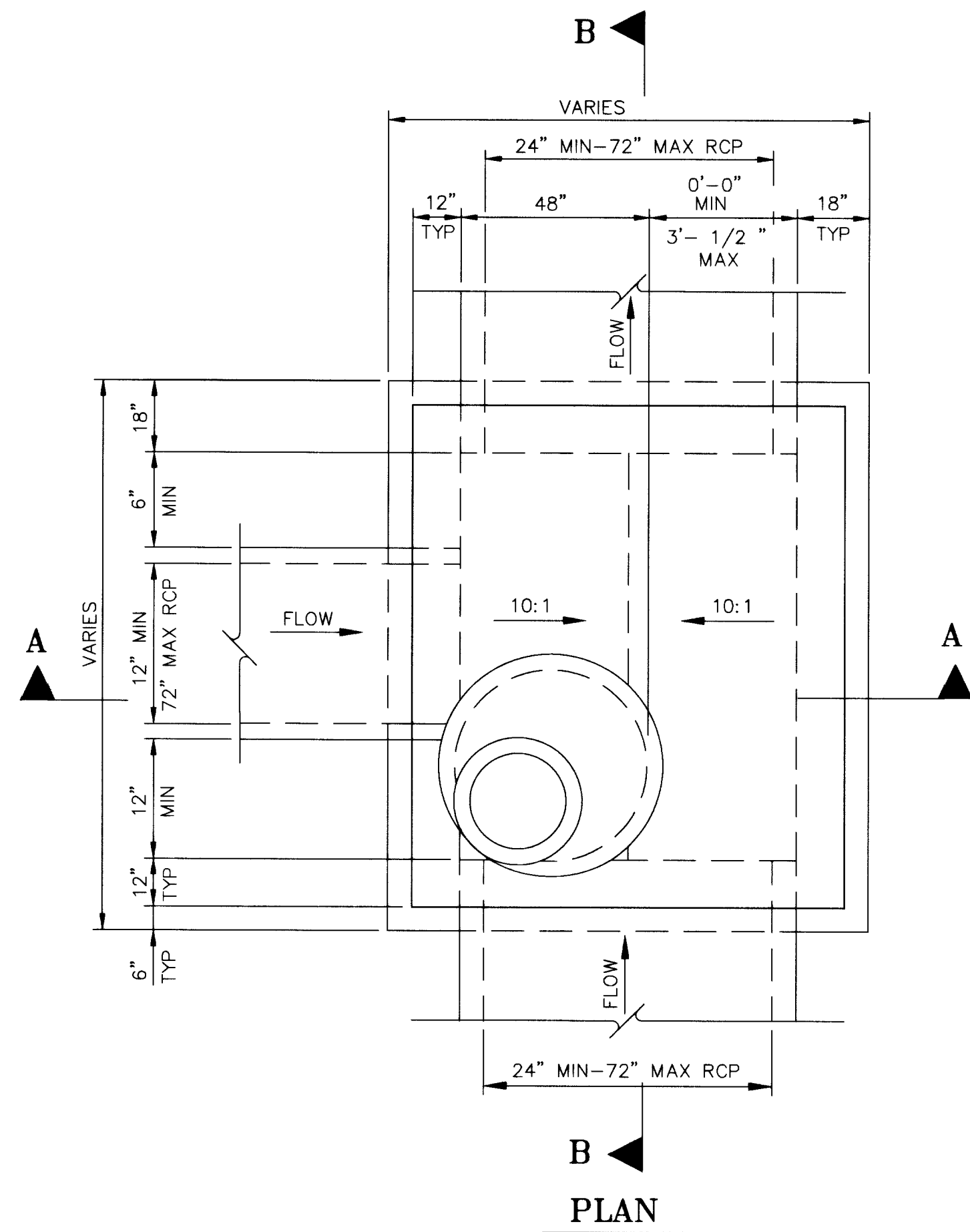
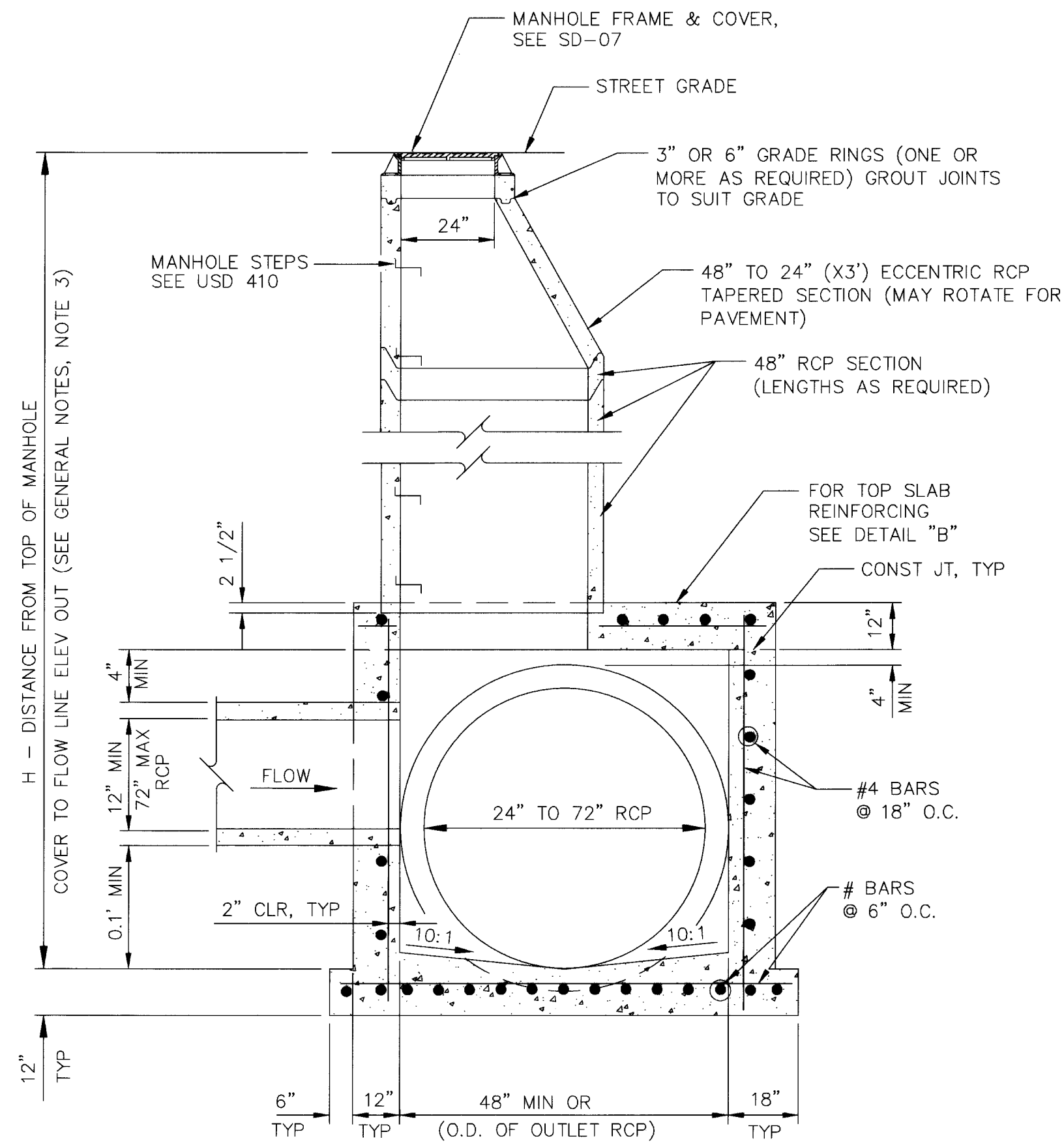




SECTION B-B



SECTION A-A
(FOR VARIABLE HEIGHT SITUATIONS)

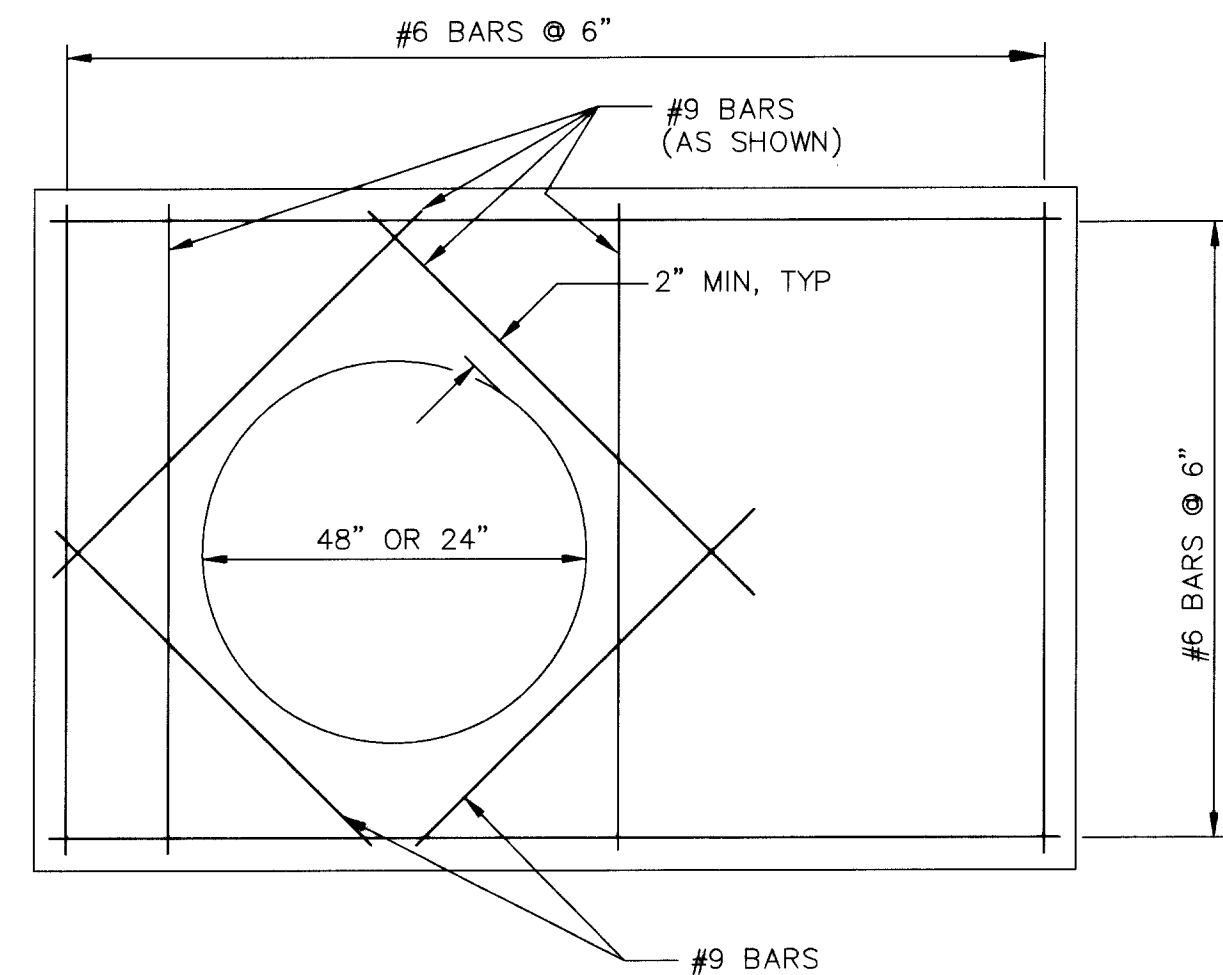
GENERAL NOTES:

1. ALL CONCRETE SHALL BE CLASS A OR CLASS AA.
2. MANHOLES WITH MORE THAN ONE PIPE: THE INFLOW PIPE INVERT ELEVATIONS SHALL BE GREATER THAN OR EQUAL TO 0.1' ABOVE THE OUTFLOW PIPE INVERT ELEVATION.
3. FOR VALUES OF "H", SEE PLANS. "H" IS THE DIFFERENCE IN ELEVATION BETWEEN THE OUTFLOW PIPE INVERT ELEVATION AND THE TOP OF MANHOLE ELEVATION AT STREET GRADE.
4. PRECAST CONCRETE PIPE SECTIONS, TAPERED SECTIONS, LIDS, GRADE RINGS, AND STEPS SHALL CONFORM TO AASHTO M 199 (ASTM C-478).
5. MANHOLE COVER SHALL BEAR ENTITY IDENTIFICATION AND SYSTEM FUNCTION (IF APPLICABLE).
6. SHAPE FLOWLINE IN MANHOLE TO OUTLET PIPE, AND PROVIDE A 10:1 MINIMUM SLOPE FROM ALL DIRECTIONS TOWARD FLOW LINE.

NDOT TYPE 4 MANHOLE DETAIL

N.T.S. (PER NDOT STANDARD R-4.7.2)

1



DETAIL "B"
(TOP SLAB REINFORCING)

**DEPARTMENT OF PUBLIC WORKS
ENGINEERING DESIGN SECTION**

CITY ENGINEER: JORGE CERVANTES, P.E.
PROGRAM MANAGER: MARK SORENSEN, P.E.
DESIGNED BY: RAB
DRAWN BY: K.L.J.
CHECKED BY: RSM
HDR Engineering, Inc.
DATE: 10/2007



**TENAYA WAY OVERPASS
AT SUMMERLIN PKWY**

H-2858

NDOT MANHOLE DETAIL

TITLE:

SHEET:



Sheet
SD-08
24 of 96
DRAWING NO.
107Y4452



109467

10/18/07 3:42pm aabdo