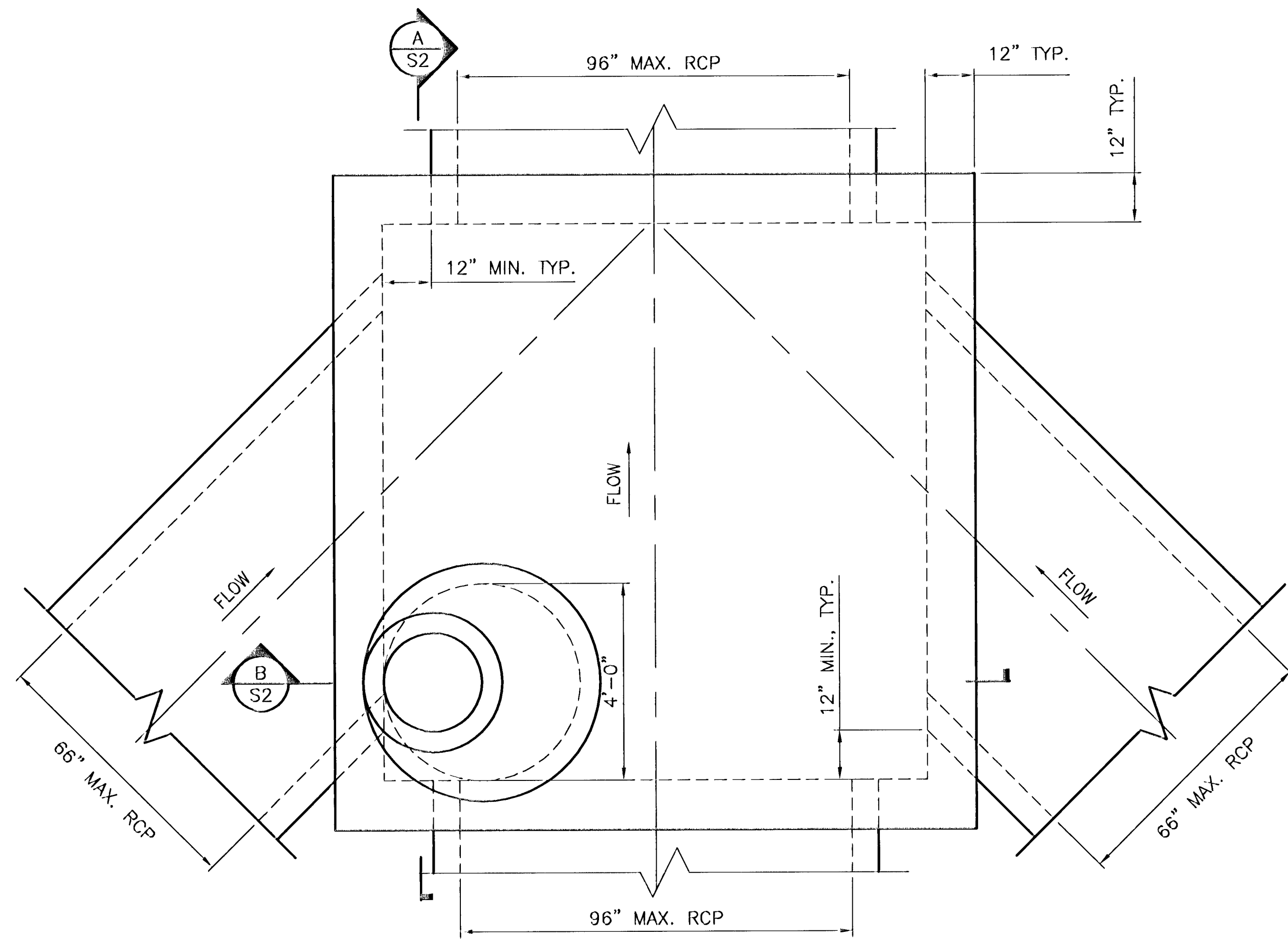
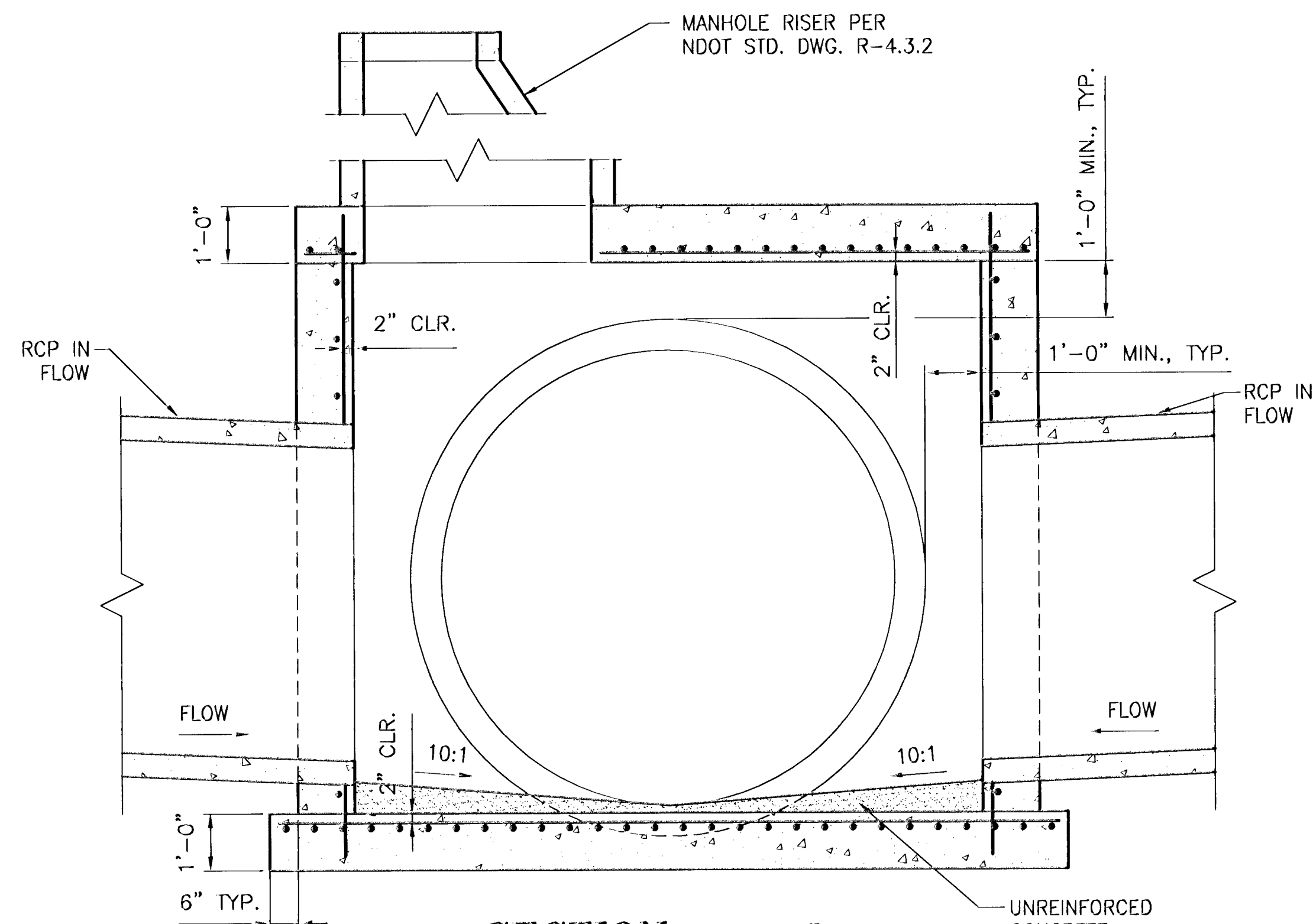
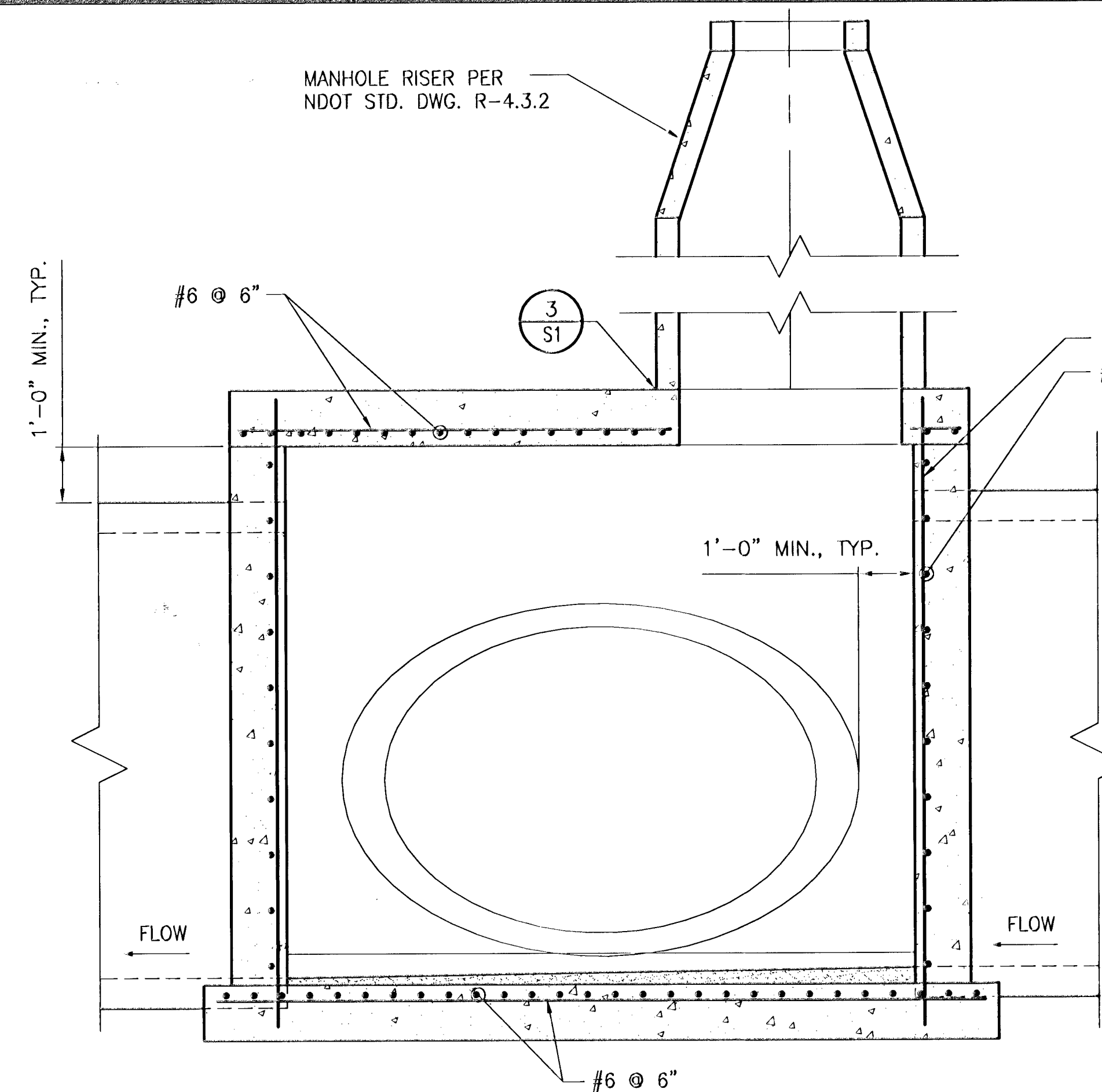




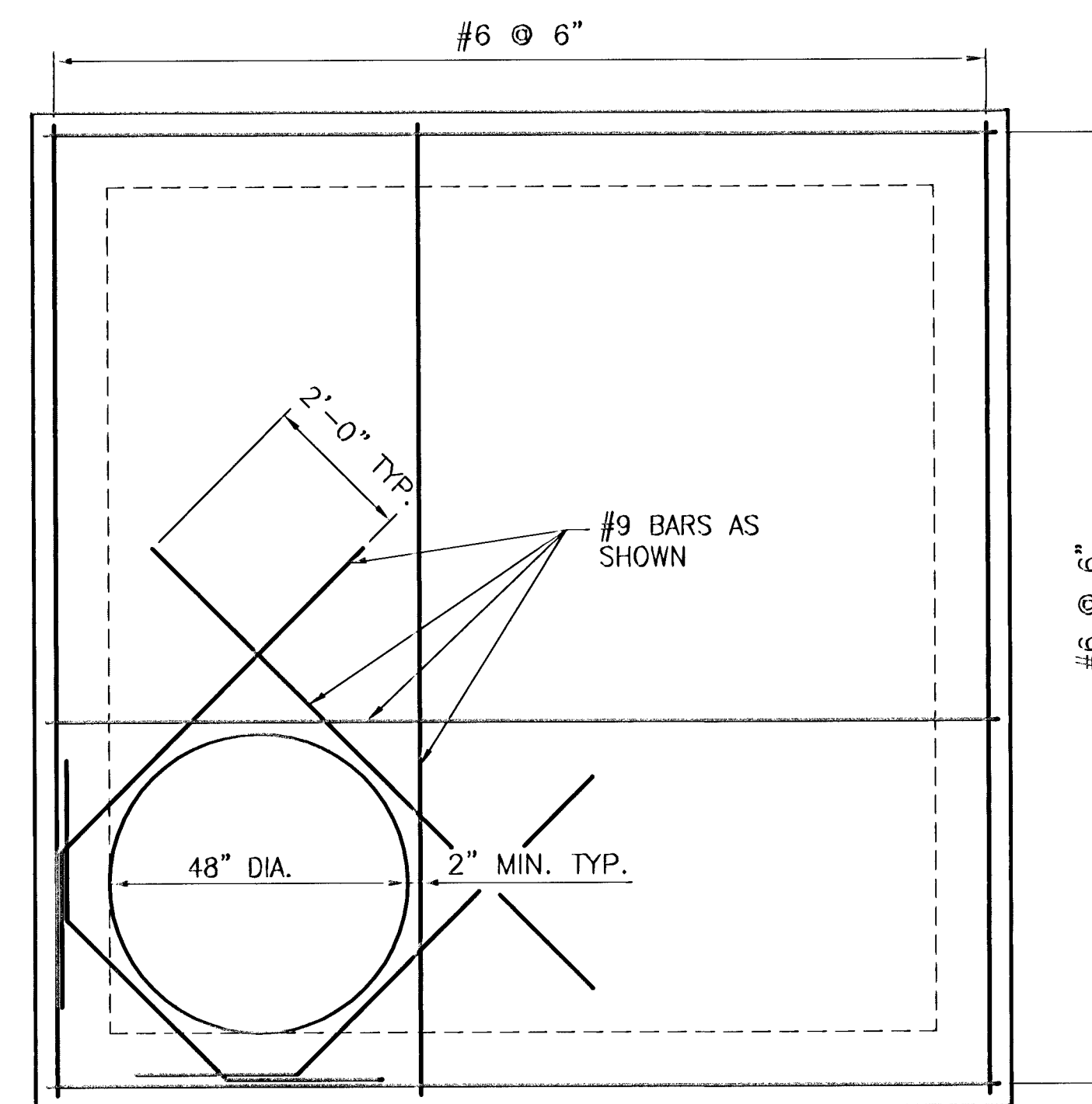
PLAN
SCALE: 1/2"=1'-0"
1
S2



SECTION
SCALE: 1/2"=1'-0"
B
S2



SECTION
SCALE: 1/2"=1'-0"
A
S2



DETAIL - (TOP SLAB REINFORCING)
SCALE: 1/2"=1'-0"
2
S2

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. PRECAST CONCRETE PIPE SECTIONS, TAPERED SECTIONS, LIDS, GRADE RINGS, AND STEPS SHALL CONFORM TO AASHTO M 199 (A.S.T.M. C-478).
4. MANHOLE COVER SHALL BEAR ENTITY IDENTIFICATION AND SYSTEM FUNCTION (IF APPLICABLE).
5. SHAPE FLOWLINE IN MANHOLE TO OUTLET PIPE AND PROVIDE A 10:1 MINIMUM SLOPE FROM ALL DIRECTIONS TOWARD FLOWLINE.

113769

AVOID OVERHEAD POWER LINE CONTACT. IT'S COSTLY

Call before you Dig

Call before you Overhead

1-702-227-2929
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

1-800-227-2800
OR
1-702-455-7544
CLARK COUNTY WATER UTILITIES

PROFESSIONAL ENGINEER-STATE OF NEVADA

DAVID W. SEELEY
EXP. 8/1/2008
No. 1175

8/08

SHEET
S2
21 OF 25 SHEETS

DRAWING NO.
731-87-1

MODIFIED TYPE 4 MANHOLE PLAN AND SECTIONS

LAS VEGAS WASH MIDDLE BRANCH
DECATUR BOULEVARD
ELKHORN ROAD TO WHISPERING SANDS DRIVE

PUBLIC WORKS DEPARTMENT
405 E. STEWART AVE.
LAS VEGAS, NV 89101
702-223-6272

R.H. ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
840 ORCHARD DRIVE, SUITE 200 • LAS VEGAS, NEVADA • 89119
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REV	DATE	BY	REVISION