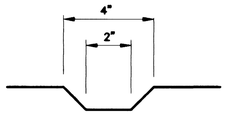
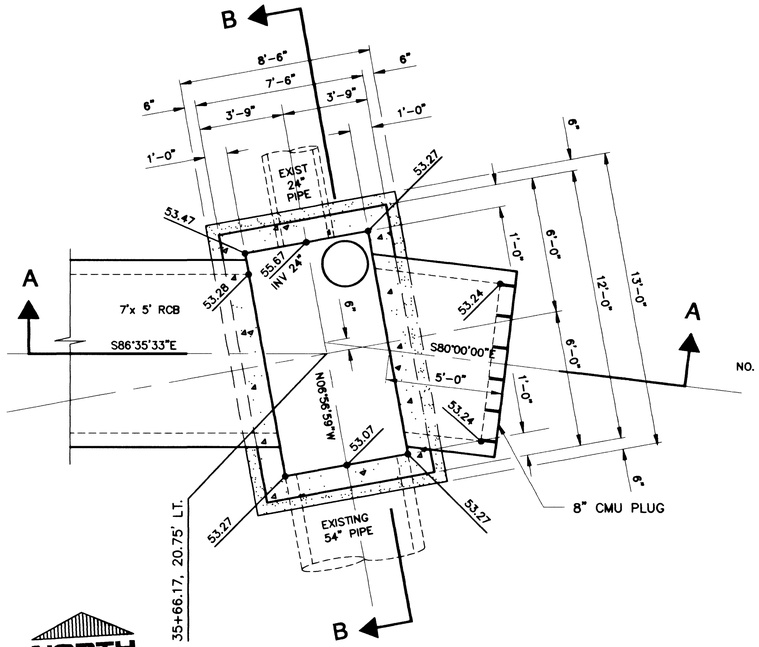


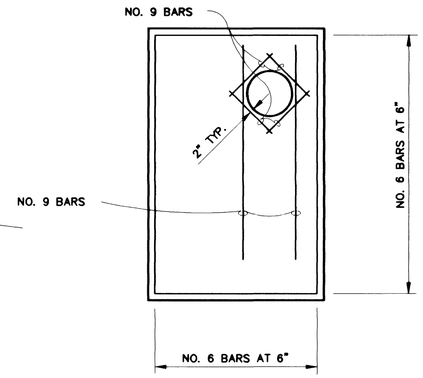
KEY DETAIL

NOTES

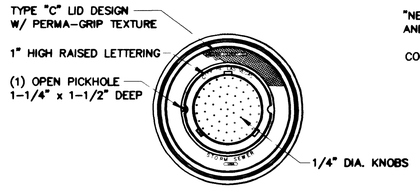
1. REINFORCING TO HAVE 2" MINIMUM CLEARANCE ON ALL INSIDE FACES, AND 3" MINIMUM CLEARANCE ON ALL OUTSIDE FACES
2. SPLICE LENGTHS TO BE A MINIMUM OF 1'-8"
3. ALL CONCRETE TO BE CLASS 'A' PER SECTION 501
4. ALL REINFORCING STEEL TO BE PER SECTION 505
5. CHAMFER ALL EXPOSED EDGES 1/2"
6. MANHOLE LID SHALL BE BOLT DOWN
7. ALL EXPOSED METALS SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.
8. PROVIDE 1/2" (MIN.) CLEARANCE ALL AROUND THE STEEL BEAM, DRY PACK AFTER INSTALLATION.
9. WHEN REQUIRED BY LENGTH OF OPENING, PLATE ANGLE MAYBE DELIVERED IN SECTIONS AND BUTT WELDED IN PLACE.
10. ALL GALVANIZING DAMAGED BY WELDING SHALL RECEIVE TWO COATS OF GALVALLOY OR EQUAL.
11. CONCRETE SHALL BE MODIFIED CLASS DA, SEE SPECIAL PROVISIONS SECTION 501.
12. ANGLE ANCHORS SHALL BE EMBEDDED MIDPOINT IN EACH ENDWALL AND EVENLY SPACED. (MAXIMUM SPACING OF 2')



PLAN VIEW



DETAIL 'B'
TOP SLAB REINFORCEMENT



"NEENAH" MODEL NO. R-1586 MANHOLE FRAME AND 2-PIECE COVER (OR APPROVED EQUAL)

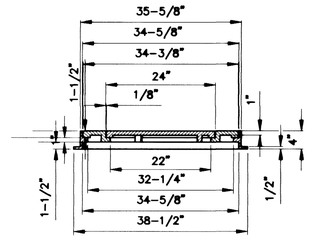
COMPONENT NO'S: FRAME 5900-0013
INNER LID 1585-5000
OUTER LID 1586-5000

MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 35B

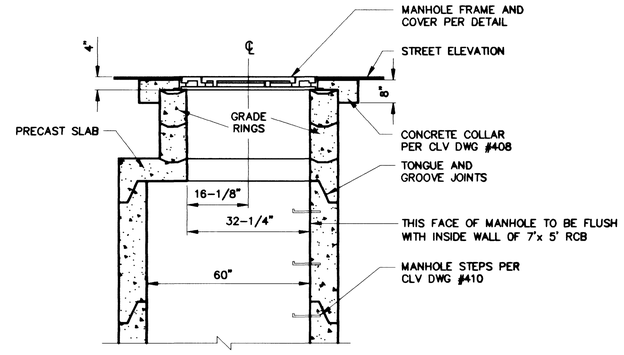
FINISH: NO PAINT

WEIGHT: FRAME - 125#
INNER LID - 128#
OUTER LID - APPROX. 176#

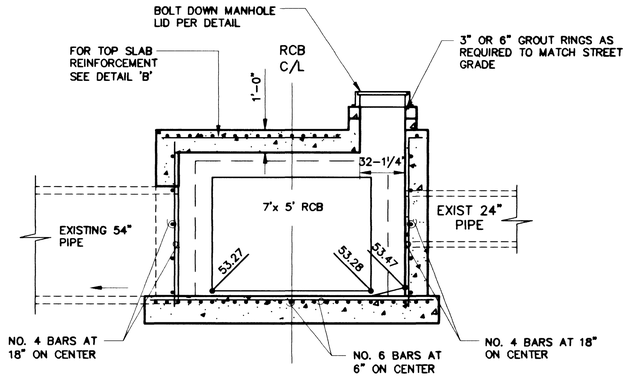
TOP VIEW



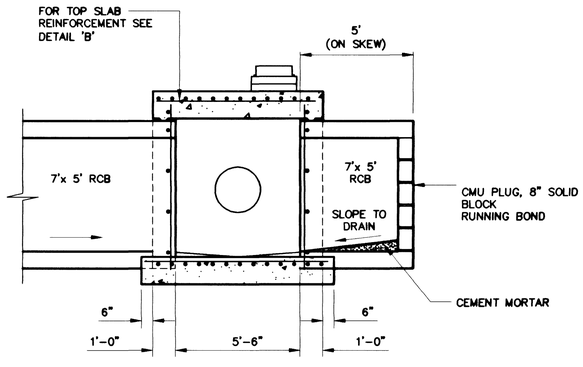
FRAME AND 2 PIECE LID



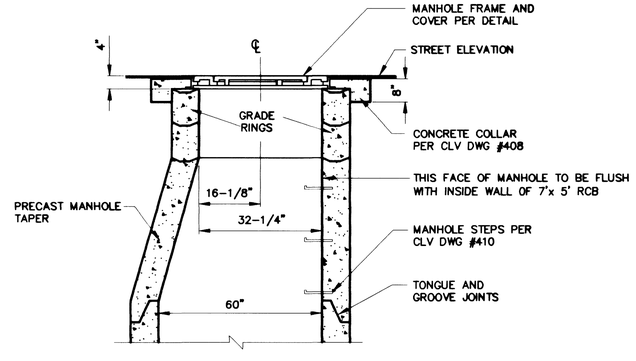
TYPE 1A MANHOLE OPENING



SECTION 'B-B'



SECTION 'A-A'



TYPE 1 MANHOLE OPENING
60" MANHOLE

24650

NO.	REVISIONS	BY	DATE

JOB NO. LV99009
DESIGN BY R.E.
DATE 05/00
SCALE (V) N/A
SCALE (H) N/A
CADFILE LV99009_15

REGISTERED PROFESSIONAL ENGINEER STATE OF NEVADA — RICHARD E. FABRIEL — CIVIL — Date Signed 5-12-00 — NO. 8430

PROJECT ENGINEERING CONSULTANTS, LTD.
7320 SMOKE RANCH ROAD, SUITE H
LAS VEGAS, NV. 89128

PEAK DRIVE
STORM DRAIN & SANITARY SEWER IMPROVEMENTS
TORREY PINES DRIVE TO JONES BLVD.
STORM DRAIN DETAILS

SHEET 15
15 OF 27 SHEETS
DRAWING NO. 307-V801