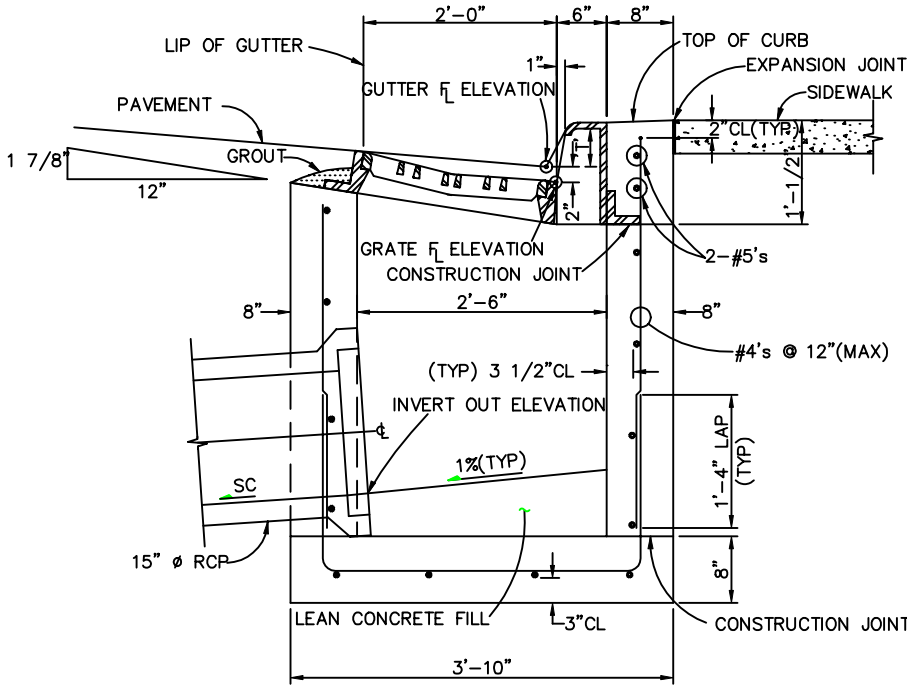
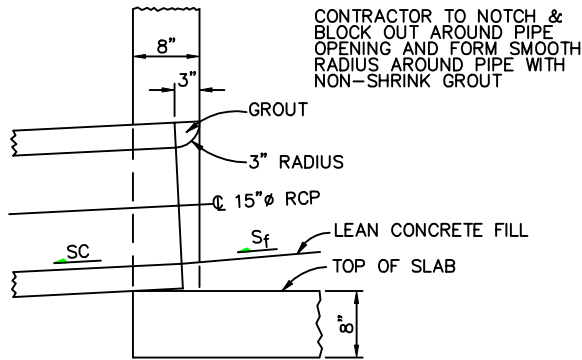
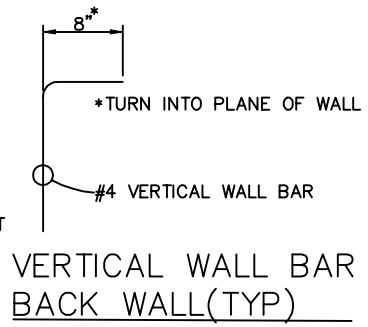


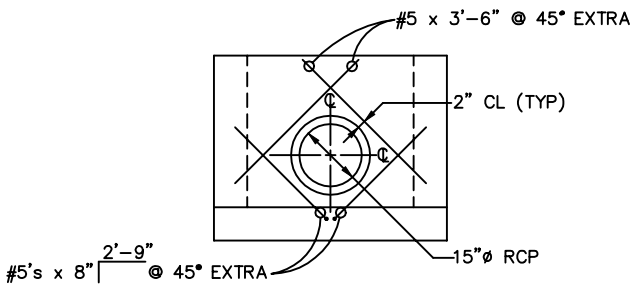
SEE DRAWING NO. 7.07
FOR FRAME, GRATE & ADJUSTABLE
CURB BOX DETAILS



B
SECTION



CONNECTOR OUTLET
(OPTIONAL)



REBAR PLACEMENT AROUND CONNECTOR

NOTES

1. FOR PAYMENT PURPOSES, INLET STRUCTURE SHALL ALSO INCLUDE 2'-0" CURB AND GUTTER TRANSITION SECTION AT EACH END OF INLET PLUS SIDEWALK SECTIONS WHERE REQUIRED BEHIND INLET STRUCTURE AND TRANSITION SECTIONS.
2. FLOOR SLOPE MAY BE POURED MONOLITHIC WITH BASE.
3. SC=SLOPE OF CONNECTOR=1% MIN.
4. UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS OR OTHERWISE APPROVED, ALL #16 INLETS SHALL BE CONSTRUCTED WITH AN ADJUSTABLE CAST IRON CURB BOX.
5. DESIGN CONDITIONS FOR INLET ALLOWS DEPTHS OF 6' (MAX). FOR INLETS MORE THAN 6' IN DEPTH, SHOP DRAWINGS AND DESIGN ANALYSIS SHALL BE SUBMITTED FOR APPROVAL.
6. ALL REINFORCING STEEL SHALL BE ASTM, A-615, GRADE 60 DEFORMED BARS. DIAMETER OF BEND MEASURED ON THE INSIDE OF THE BAR SHALL BE MINIMUM OF 6 BAR DIAMETERS.
7. ALL WORK SHALL CONFORM TO AASHTO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" 1990 EDITION.
8. CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 4000 PSI.
9. SUB-GRADE SHALL BE A GRADATION EQUAL TO CLASS B BEDDING COMPACTED TO 95% MAXIMUM DRY DENSITY, AASHTO DESIGNATION T-180.
10. NO FORMWORK SHALL REMAIN INSIDE STRUCTURE WHEN COMPLETE.
11. SUB-GRADE SHALL BE SHAPED UNDISTURBED MATERIAL OR OVER EXCAVATED AND BACKFILLED WITH CLASS B BEDDING MATERIAL.
12. SPlicing OF REINFORCING STEEL SHALL BE PERMITTED ONLY WHERE DETAILED IN DRAWINGS.
13. INLET WALLS SHALL BE FORMED BOTH INSIDE AND OUTSIDE. CASTINGS OF SIDEWALLS AGAINST EARTH IS NOT PERMITTED.
14. LEAN CONCRETE FILL TO BE $f'_c = 2000$ PSI.

DRAWN BY: JSH

CHECKED BY: RJH

APPROVED BY:
DIRECTOR OF PUBLIC WORKS

CITY OF BOULDER, COLORADO
SINGLE NO. 16
OPEN THROAT INLET
ADJUSTABLE CURB BOX

ISSUED: JULY 2, 1998
REVISED: OCT. 17, 2000

DRAWING NO.
7.04B