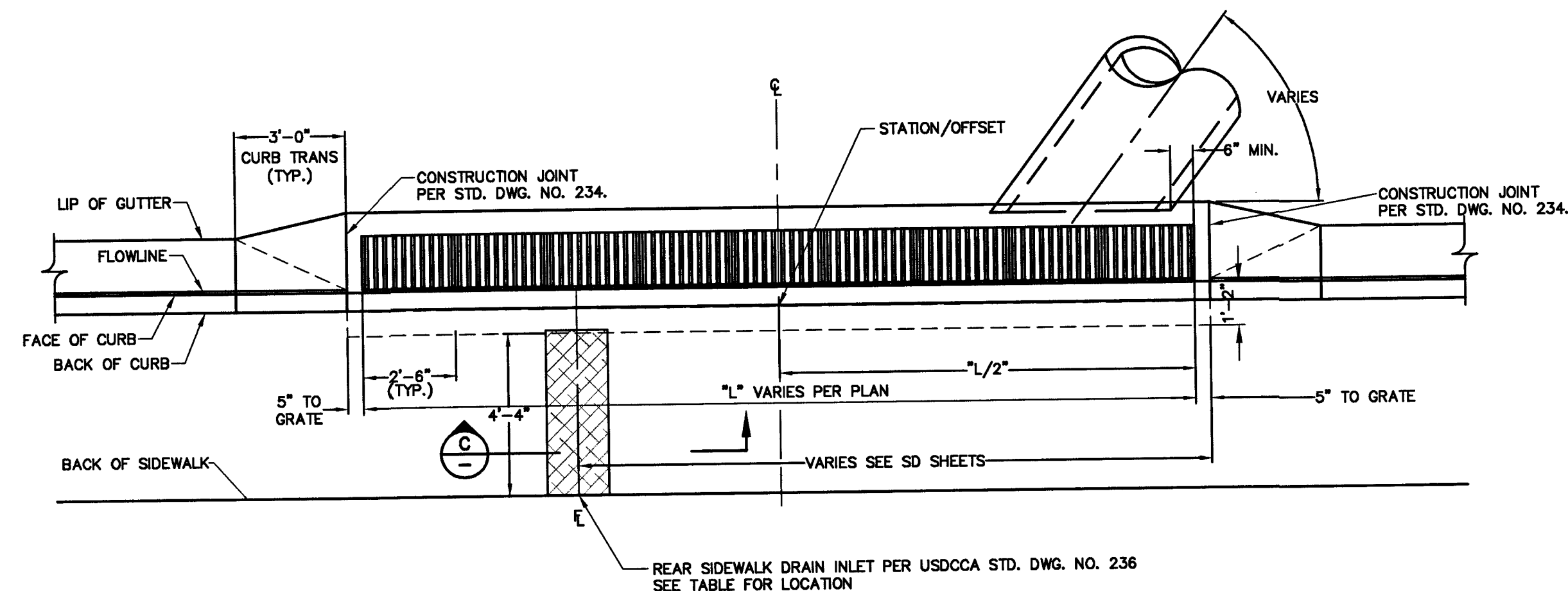


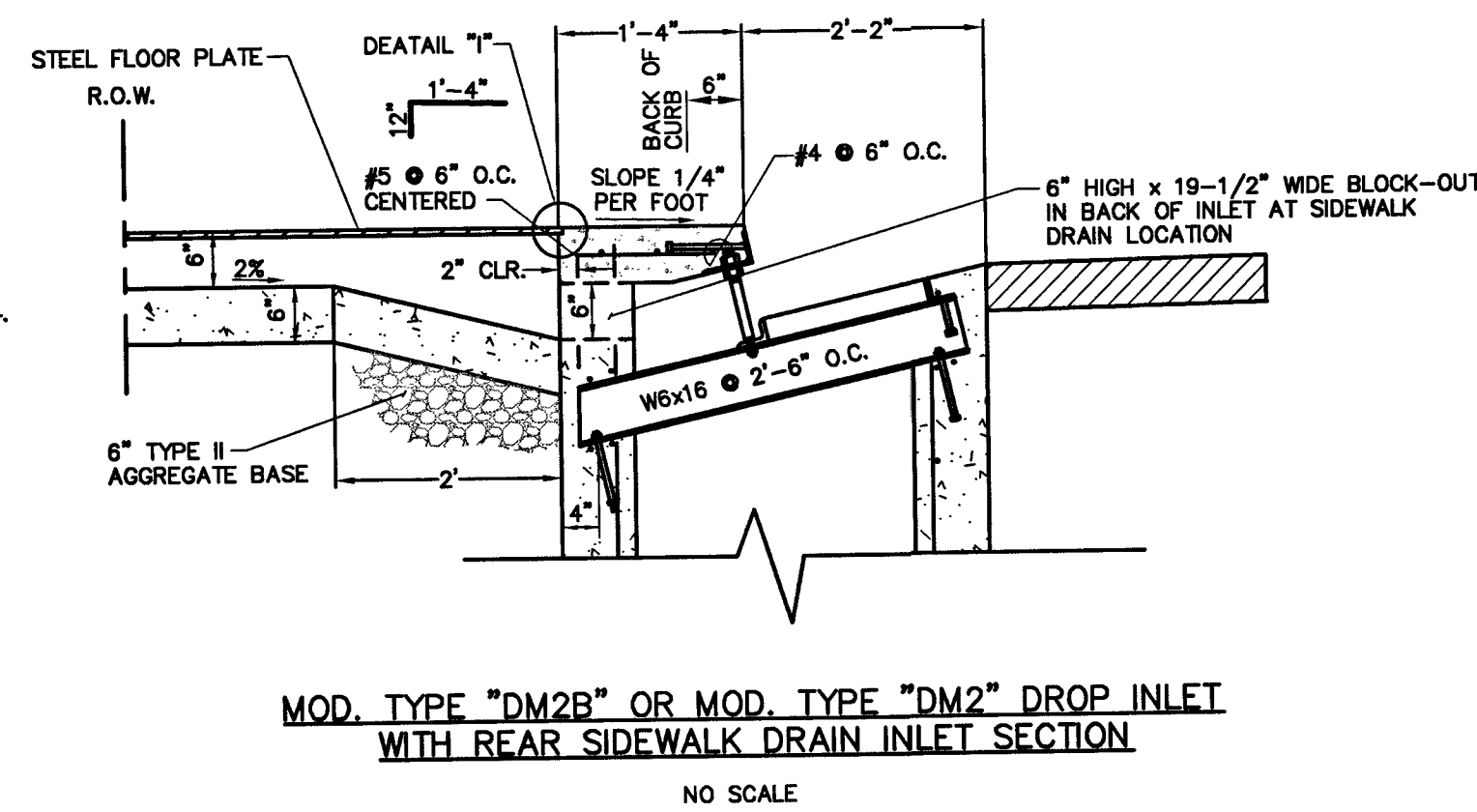


- NOTES:**
1. ALL EXPOSED STEEL SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.
 2. PROVIDE 1/2" (MIN.) CLEARANCE ALL AROUND THE STEEL BEAM, DRY PACK AFTER INSTALLATION.
 3. WHEN REQUIRED BY LENGTH OF OPENING, PLATE ANGLE MAY BE DELIVERED IN SECTIONS AND BUTT WELDED IN PLACE.
 4. ALL GALVANIZING DAMAGED BY WELDING SHALL RECEIVE TWO COATS OF GALVALLOY OR EQUAL.
 5. SEE GENERAL NOTES FOR STRUCTURES ON DWG S1.
 6. ANGLE ANCHORS SHALL BE EMBEDDED MIDPOINT IN EACH ENDWALL AND EVENLY SPACED. (MAXIMUM SPACING OF 2')
 7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ADJUST THE CONCRETE INLET APRON AND/OR GRATE TO THE FINISHED GROUND SURFACE OR THE FINISHED GRADE OF THE ROADWAY SURFACE (WHICHEVER IS APPLICABLE). IF THE APRON AND/OR GRATE IS CONSTRUCTED PRIOR TO FINALIZING THE FINISHED GRADE, AND THE APRON EDGES AND CORNERS AND/OR GRATE IS BEYOND 0.02' VERTICAL TOLERANCE TO THE FINISHED GRADE, THE CONTRACTOR SHALL REMOVE AND REPLACE THE APRONS AND/OR GRATE AT HIS OWN EXPENSE TO WITHIN THIS TOLERANCE.
 8. PROVIDE STORM WATER QUALITY MANAGEMENT STAMP AND SIGN PER USDOCA DWG. NO. 421.
 9. MAXIMUM SPACE BETWEEN GRATES IS 1/2".

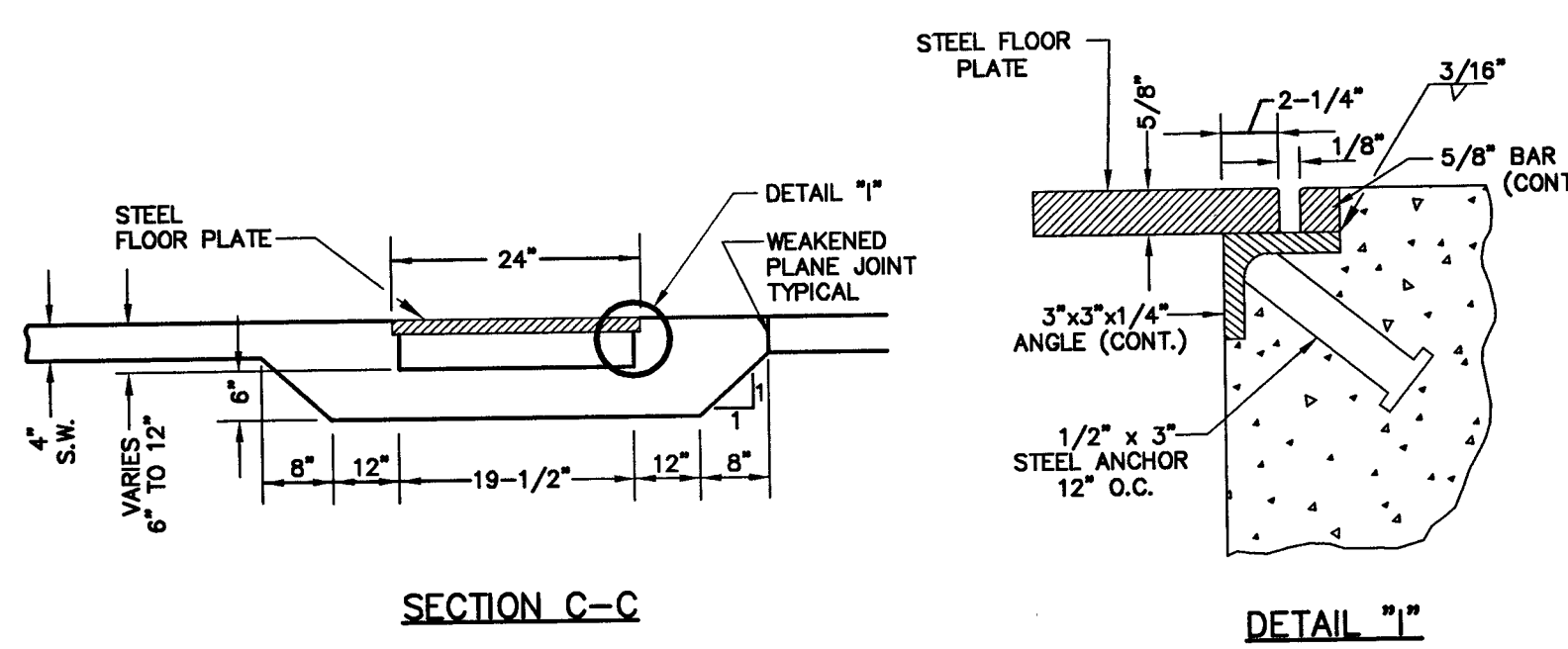
MOD. TYPE "DM2B" OR MOD. TYPE "DM2" DROP INLET WITH REAR SIDEWALK DRAIN INLET LAYOUT PLAN
NO SCALE

REAR SIDEWALK UNDERDRAIN LOCATIONS		
KEYNOTE	FLOWLINE STATION	FLOWLINE OFFSET
2.4	"SD1" 21+30.47	29.79' RT
2.8	"SD1" 23+33.76	90.53' LT
3.7	"SD1" 30+39.36	29.88' RT
4.33	"SD1" 36+83.94	81.57' RT
9.16	"SD1" 78+07.55	23.28' RT
10.12	"SD1" 92+94.60	90.98' LT

REAR SIDEWALK UNDERDRAIN DETAIL
NO SCALE



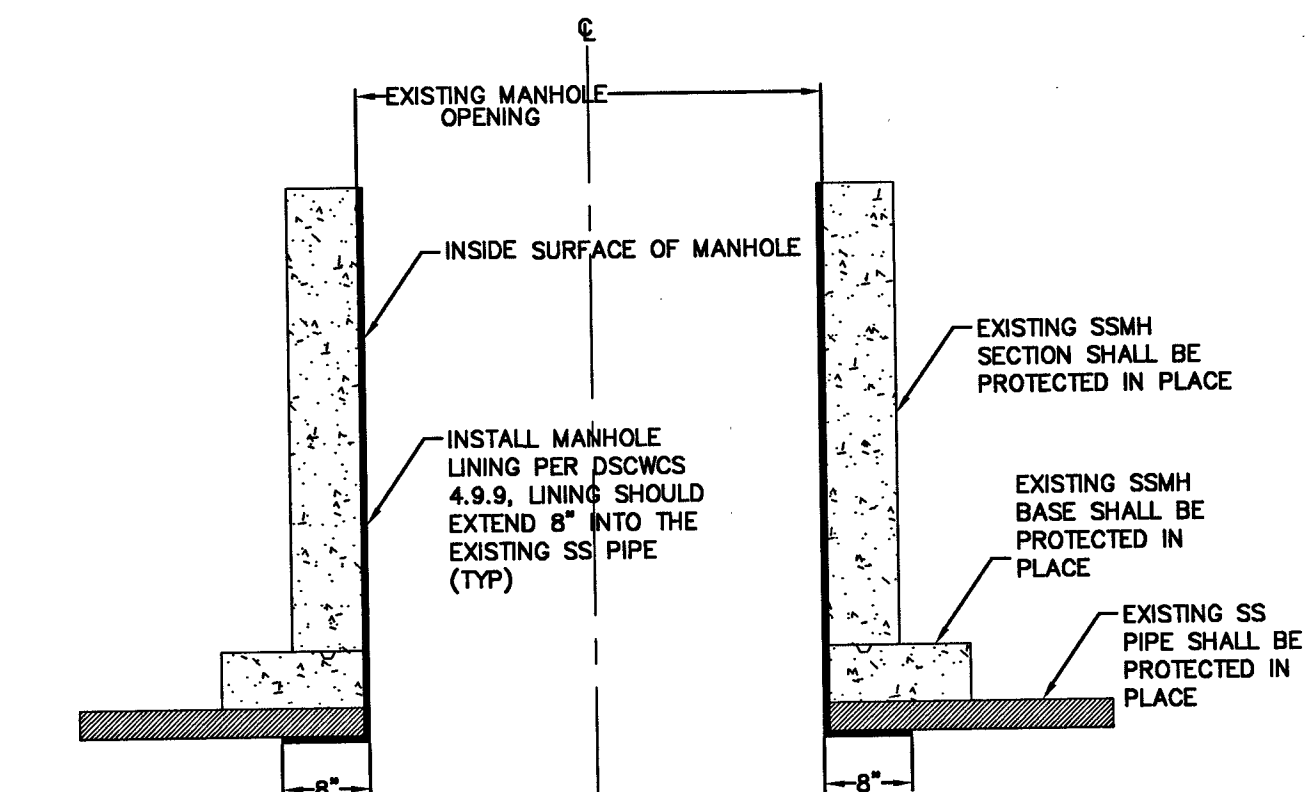
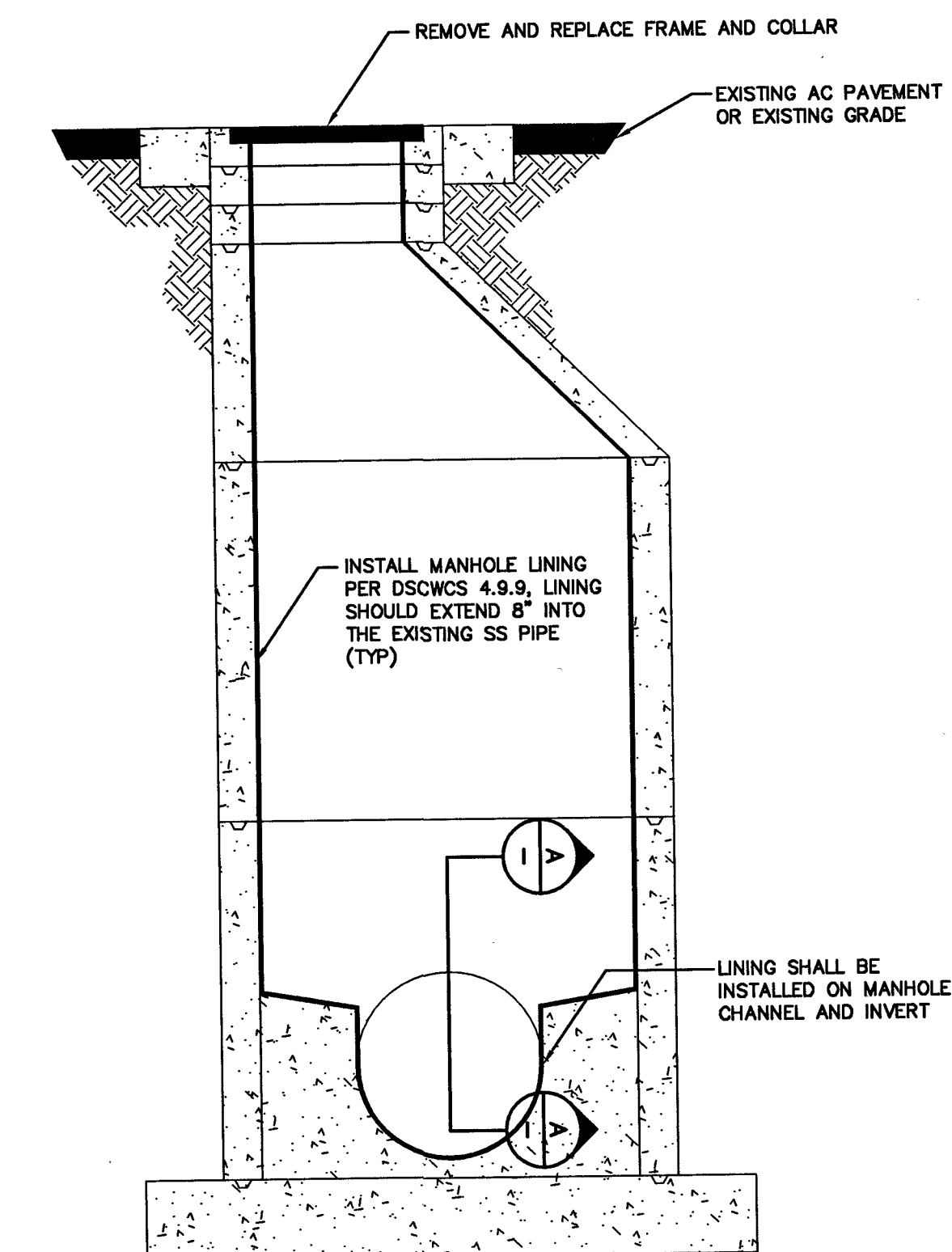
MOD. TYPE "DM2B" OR MOD. TYPE "DM2" DROP INLET WITH REAR SIDEWALK DRAIN INLET SECTION
NO SCALE



SECTION C-C

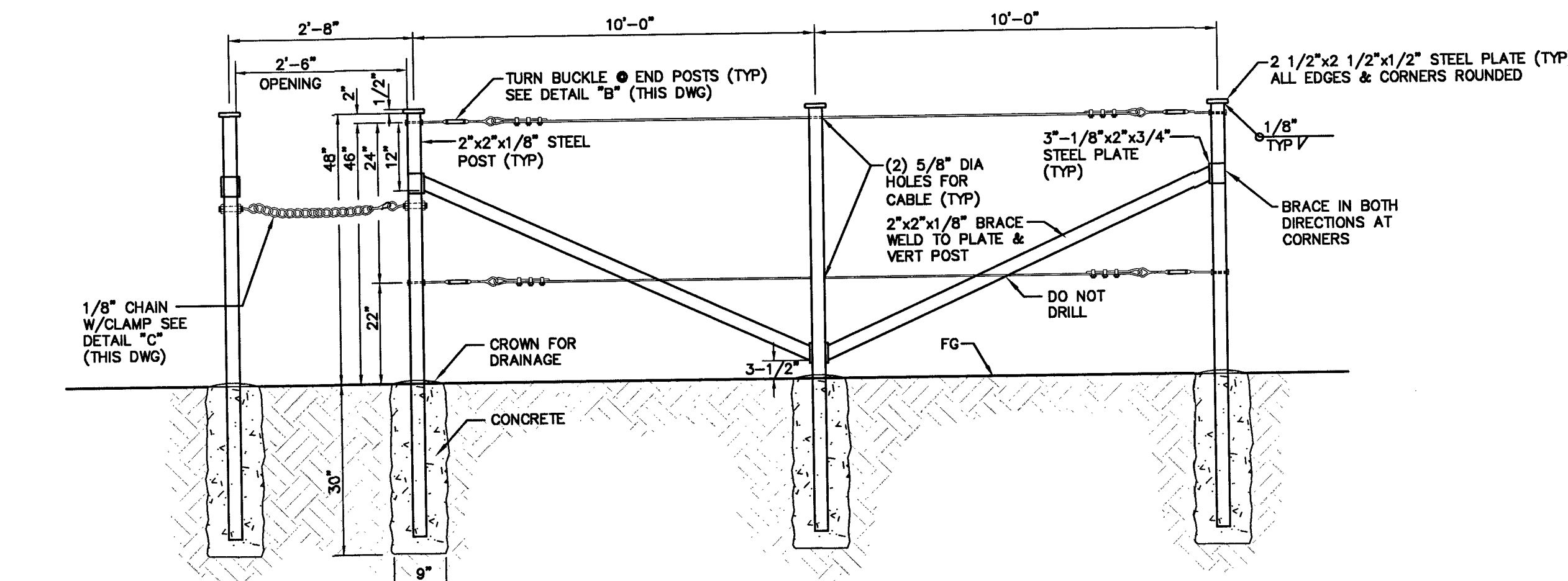
DETAIL "1"

MANHOLE REHABILITATION LOCATION AND DEPTH SCHEDULE				
KEYNOTE	STATION	OFFSET	DEPTH	
3.10	"G1" 42+78.32	14.87' RT	8.71'	
5.17	"G1" 60+28.66	10.27' LT	6.95'	
5.17	"G1" 61+04.93	10.19' LT	7.25'	
5.17	"G1" 61+22.40	14.98' RT	7.25'	
6.12	"G1" 65+77.87	14.98' RT	6.94'	
7.30	"G1" 74+72.67	14.99' RT	9.19'	
9.15	"G1" 88+07.80	14.91' RT	9.37'	
13.8A	"D0" 43+25.53	5.03' RT	19.88'	
13.8A	"D0" 41+98.56	4.96' RT	19.68'	
U1.1	"ER" 7+05.77	14.53' RT	14.10'	
U1.1	"ER" 13+65.00	14.53' RT	10.20'	

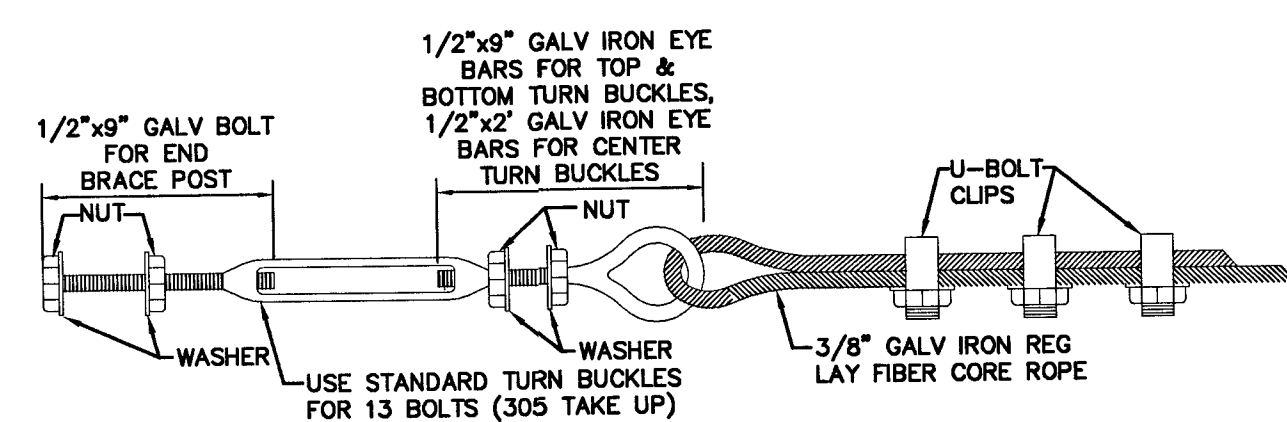


SECTION A-A

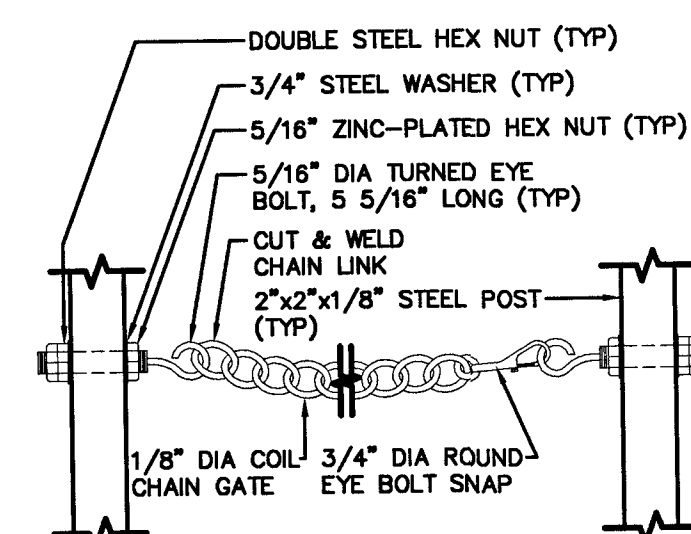
REHABILITATION OF EXISTING SANITARY SEWER MANHOLE
NO SCALE



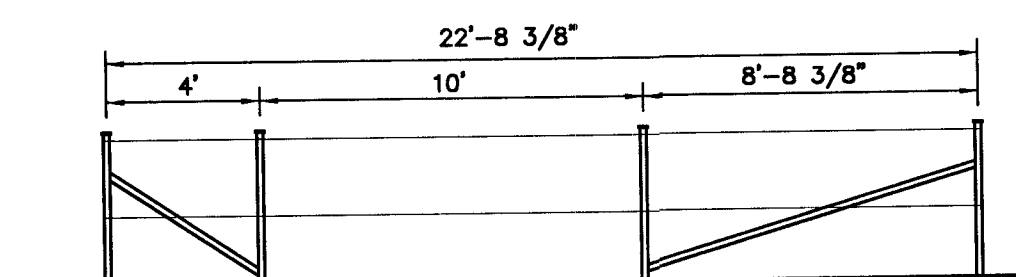
POST AND CABLE RAILING (SOUTH SIDE)
NOT TO SCALE



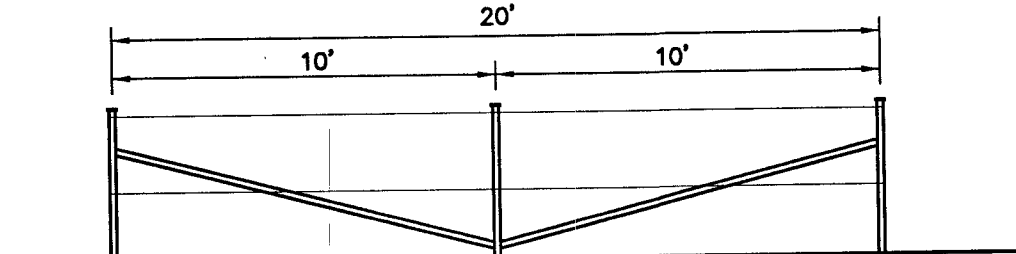
TURN BUCKLE
NOT TO SCALE



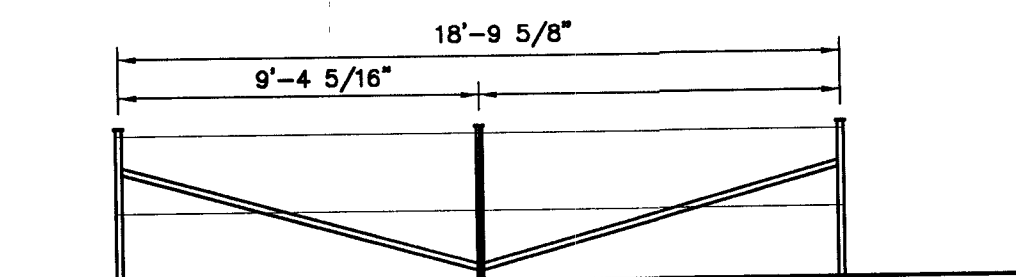
CHAIN SAFETY GATE
NOT TO SCALE



POST AND CABLE RAILING (NORTH SIDE)
NOT TO SCALE



POST AND CABLE RAILING (WEST SIDE)
NOT TO SCALE



POST AND CABLE RAILING (EAST SIDE)
NOT TO SCALE

NOTES:

1. ALL POSTS SHALL BE SET PLUMB.
2. RAILING POSTS & FITTINGS SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION.
3. CABLE SHALL BE STRETCHED TAUT

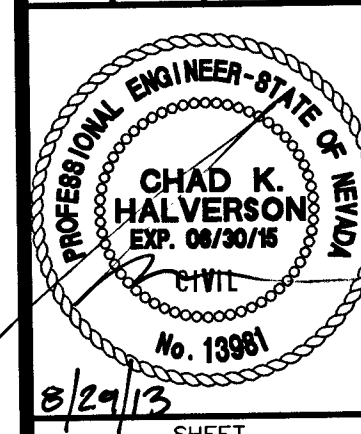
POST AND CABLE RAILING DETAIL
NO SCALE

PUBLIC WORKS DEPARTMENT



DETAIL SHEET 5
LAS VEGAS WASH MIDDLE BRANCH GRAND TETON STORM DRAIN DURANGO DR. TO RAINBOW BLVD.

DRAWN BY: DAB 8/29/2013
DESIGNED BY: YTN 8/29/2013
CHECKED BY: CHK 8/29/2013
PROJECT NO: SCALE HORIZ N/A VERT N/A
SHEET 7361



DT5
61 OF 76 SHEETS
DRAWING NO. 731-89