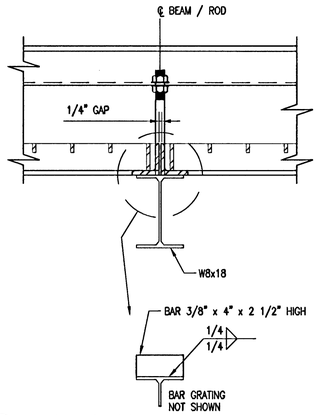
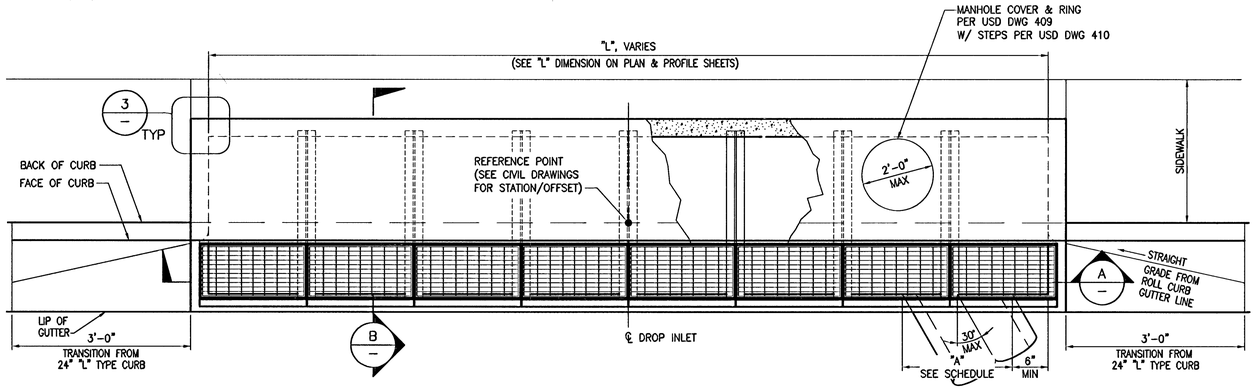
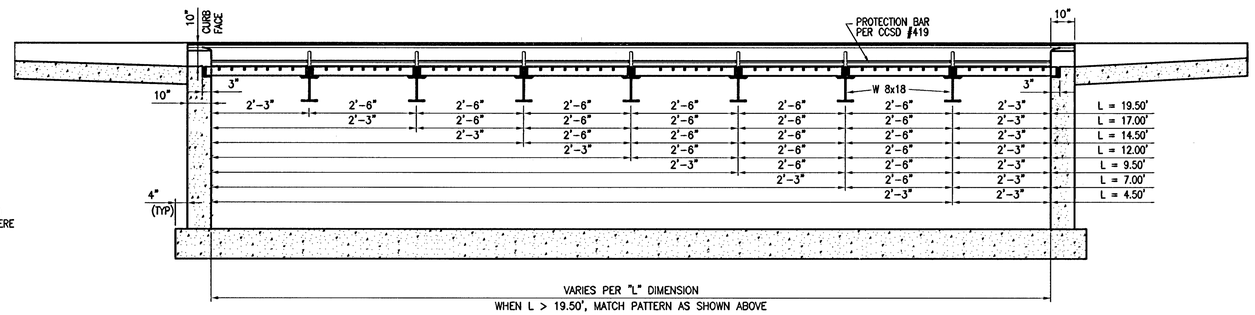


C SECTION
SCALE: NTS





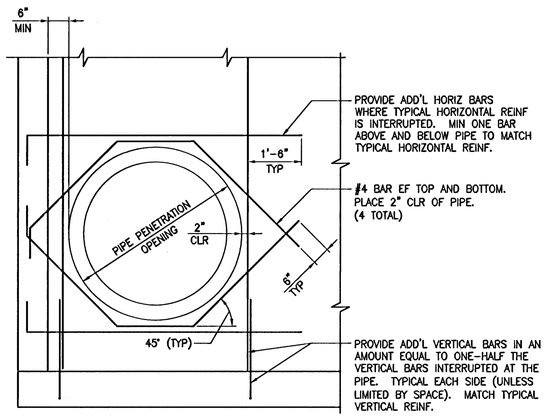
A SECTION
SCALE: 1/2" = 1'-0"

GENERAL STRUCTURAL NOTES

1. DESIGN SPECIFICATIONS: AASHTO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 17TH EDITION, 2002." REINFORCED CONCRETE DESIGN BASED ON LOAD FACTOR DESIGN.
2. CONSTRUCTION SPECIFICATIONS: UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA.
3. CONCRETE: ALL CONCRETE SHALL BE CLASS D MODIFIED (MAJOR). CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF f'c=4,500 PSI AND A MAXIMUM WATER TO CEMENT RATIO, BY WEIGHT, OF 0.45. USE TYPE V CEMENT PER ASTM C-150. ALL EXPOSED CORNERS SHALL BE CHAMFERED 3/4" UNLESS NOTED OTHERWISE.
4. REINFORCING STEEL: ALL REINFORCING STEEL SHALL BE ASTM A615 GRADE 60. DIMENSIONS ARE FROM OUT TO OUT OF BARS. MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE 2" UNLESS NOTED OTHERWISE. HOOKS MAY BE ROTATED OR TILTED AS NECESSARY TO PROVIDE THE PROPER CLEARANCES.
5. BEDDING MATERIAL: BEDDING MATERIAL SHALL BE 6-INCHES OF CLARK COUNTY TYPE II AGGREGATE BASE COMPACTED TO 90% OF THE MAXIMUM DRY DENSITY AS ESTABLISHED BY ASTM TEST METHOD D-1557.
6. GALVANIZING: ALL EXPOSED METAL PARTS SHALL BE GALVANIZED. ALL GALVANIZING DAMAGED BY FABRICATION OR INSTALLATION SHALL RECEIVE TWO COATS ALUMINUM PAINT (GALVANOX OR EQUAL).
7. EXISTING UTILITIES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES WITHIN THE WORK AREA, AND PROVIDING PROTECTION FOR THE VARIOUS UTILITIES AFFECTED PRIOR TO PROCEEDING WITH THE WORK.
8. EPOXY: ADHESIVE ANCHORS SHALL BE SIMPSON STRONG-TIE "SET-XP EPOXY-TIE ADHESIVE" PER ICC ESR-2508. INSTALL IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
9. CONTRACTOR SHALL PROVIDE SLOPE STABILIZATION, SHEETING, BRACING, AND/OR SHORING AS REQUIRED TO PROTECT EXISTING EMBANKMENTS, STRUCTURES, AND UNDERGROUND ITEMS.
10. INVERTS, SLOPES, BEARINGS, ALIGNMENTS, AND ELEVATIONS SHOWN ARE FOR "REFERENCE ONLY". INFORMATION ON CIVIL DRAWINGS SHALL GOVERN.
11. OUTLET PIPE SHALL BE TRIMMED FLUSH WITH INSIDE FACE OF INLET.
12. BACKFILL SHALL BE PLACED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.

NOTE: SPECIAL INSPECTIONS TO BE PERFORMED BY CITY OF LAS VEGAS OFFSITE INSPECTIONS AND TESTING.

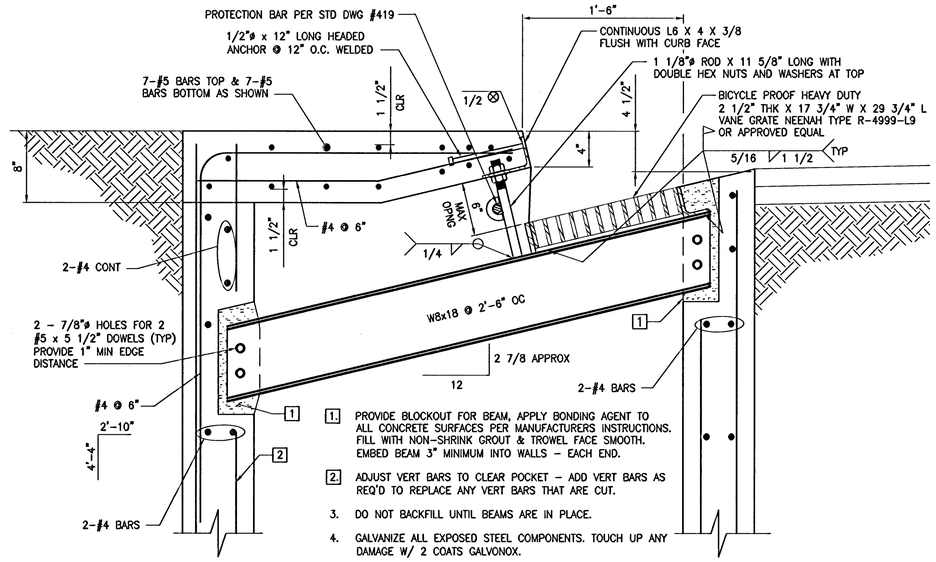
3 TYPICAL CORNER DETAIL
SCALE: NTS



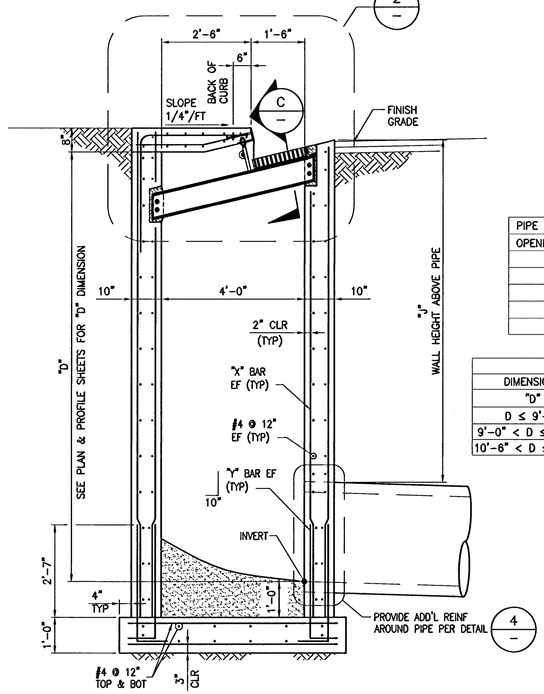
NOTES:

1. TYPICAL WALL REINFORCING NOT SHOWN FOR CLARITY.
2. FIELD CUT TYPICAL WALL REINFORCING 2" CLEAR OF PIPE.
3. IF ADDITIONAL BARS AROUND PENETRATION CANNOT EXTEND BEYOND PIPE AS SHOWN, EXTEND AS FAR AS POSSIBLE AND PROVIDE STANDARD HOOK.

4 TYPICAL CORNER DETAIL
SCALE: NTS



2 DETAIL
SCALE: 1 1/2" = 1'-0"



PIPE PENETRATION SCHEDULE	
OPENING WIDTH "A"	MIN "J"
2'-0"	2'-0"
3'-0"	2'-3"
4'-0"	2'-6"
5'-0"	2'-9"
6'-0"	3'-0"

WALL SCHEDULE		
DIMENSIONS "D"	"X" BARS	"Y" BARS
D ≤ 9'-0"	#5 @ 12"	#5 @ 12"
9'-0" < D ≤ 10'-6"	#5 @ 8"	#5 @ 8"
10'-6" < D ≤ 12'-9"	#5 @ 4"	#5 @ 4"

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

H #- 51095
CLV # 1074 5922-2

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DESIGN:
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ISSUE DATE:
ISSUE EDITOR:
PLOT DATE: 10-02-13
PLOT TIME: 13:19:37

REV	DATE	DESCRIPTION	DATE: 10/3/13
			DATE: CCRV APP'D
			DATE: AGCRV APP'D

THE HOWARD HUGHES COMPANY, LLC
VILLAGE 23A/23B ALTA DRIVE PHASE 2
MODIFIED DROP INLET

JOB NO. 620238-206

DRAWING
12
12 OF 18 SHTS