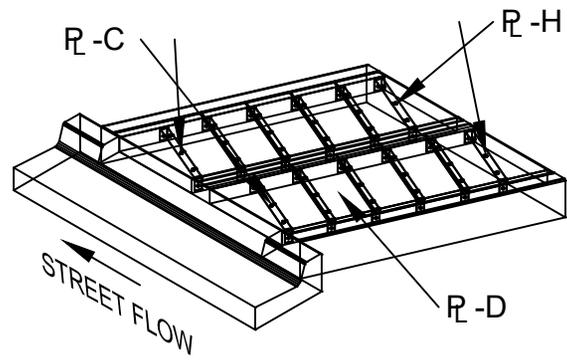
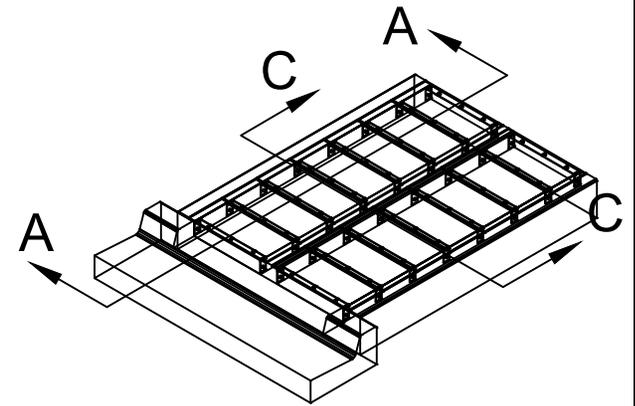


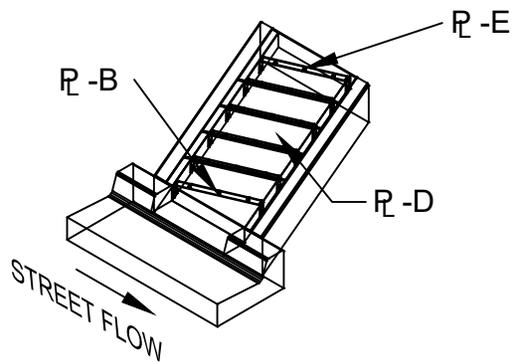
MULTIPLE CHANNELS ORIENTATION 3



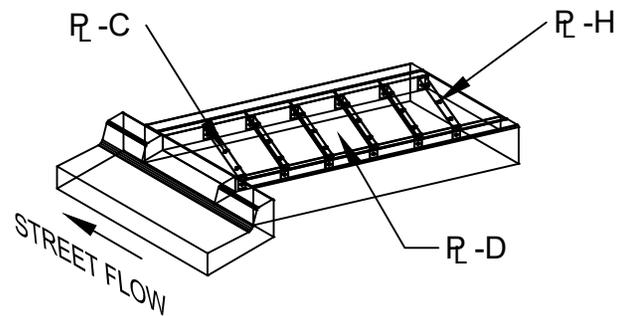
MULTIPLE CHANNELS ORIENTATION 2



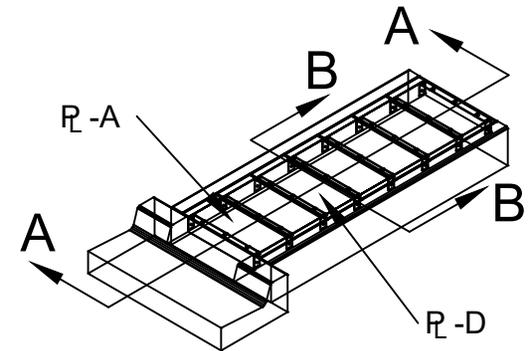
MULTIPLE CHANNELS ORIENTATION 1



SINGLE CHANNEL ORIENTATION 3



SINGLE CHANNEL ORIENTATION 2



SINGLE CHANNEL ORIENTATION 1

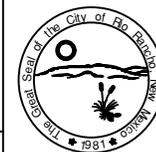
NOTES:

1. SEE DWG. NO. SW-01, SHEET 6 OF 6 FOR GENERAL NOTES

SCALE: 1/4" = 1'

DATE MODIFIED:

JAN 03, 2022



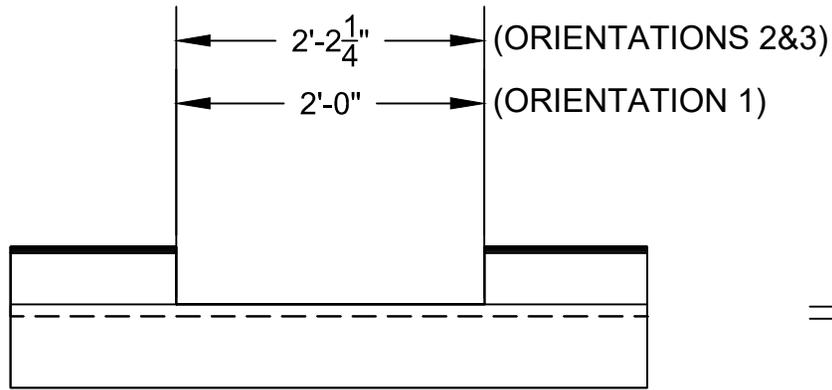
City of Rio Rancho Department
of Public Works

SINGLE & MULTIPLE DRAINAGE
CHANNEL SIDEWALK CULVERT
GENERAL ASSEMBLIES

DWG. NO. SW-01

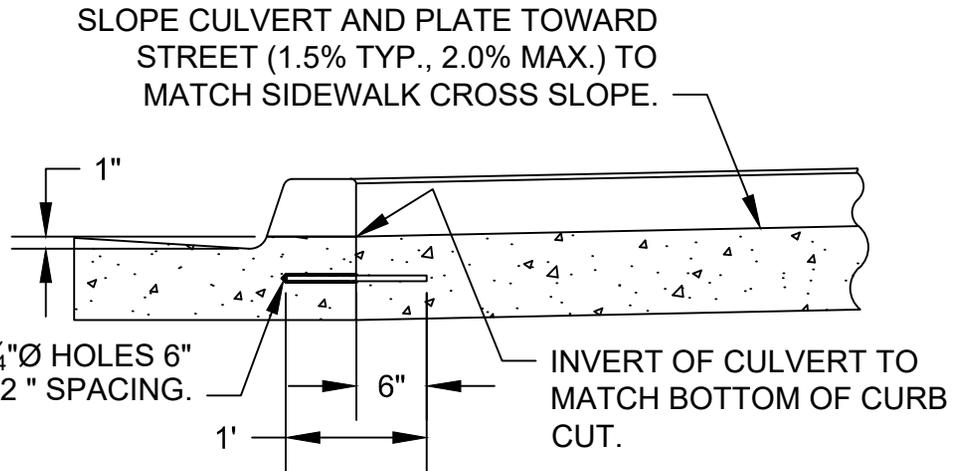
SHT 1 of 6

NOV 15, 2012

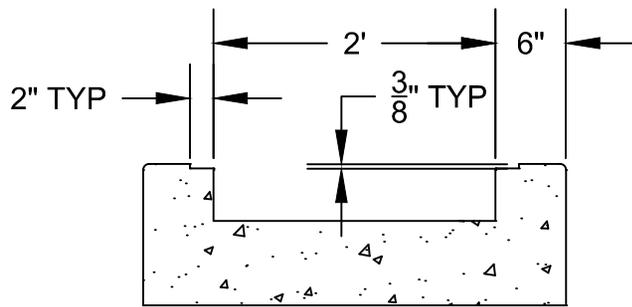


CURB CUT

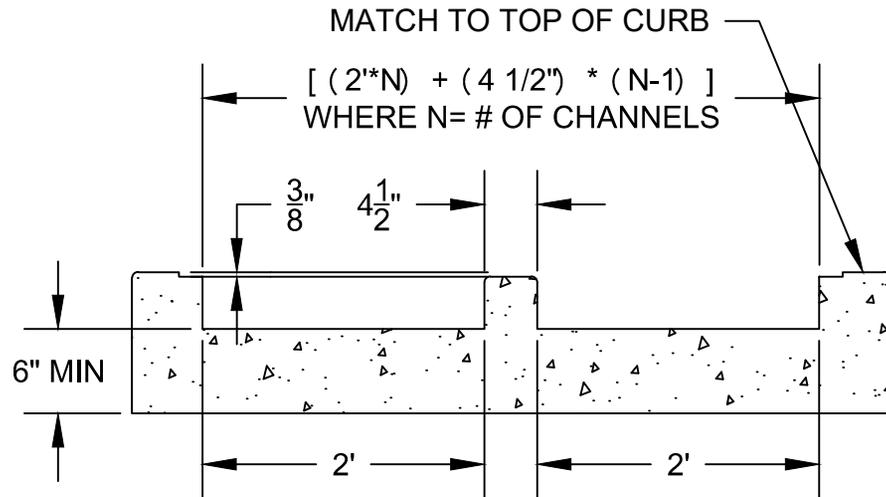
IN EXISTING CURB ONLY, DRILL $\frac{3}{4}$ " \varnothing HOLES 6" DEEP. GROUT IN #4 DOWELS @ 12" SPACING.



SECTION A-A



SECTION B-B
SINGLE CHANNEL



SECTION C-C
MULTIPLE CHANNEL

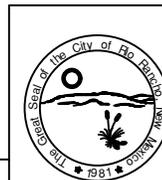
NOTES:

1. SEE DWG. NO. SW-01, SHEET 6 OF 6 FOR GENERAL NOTES

SCALE: 1/4" = 1'

DATE MODIFIED:

JAN 03, 2022



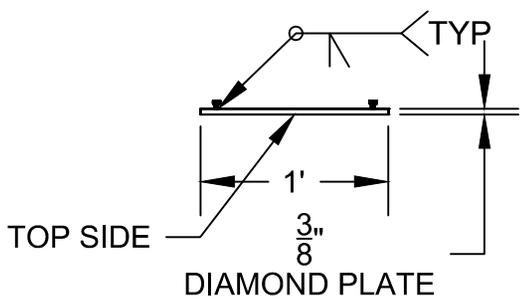
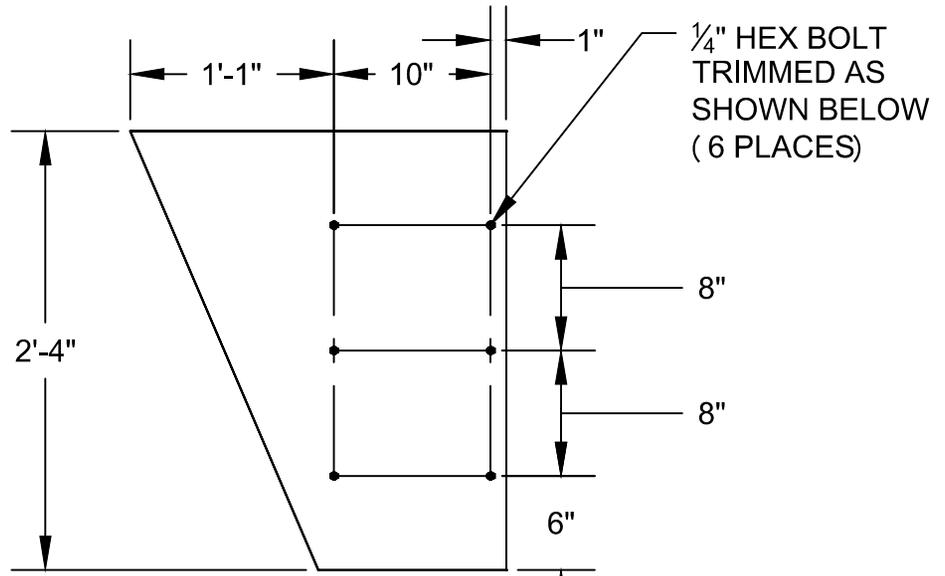
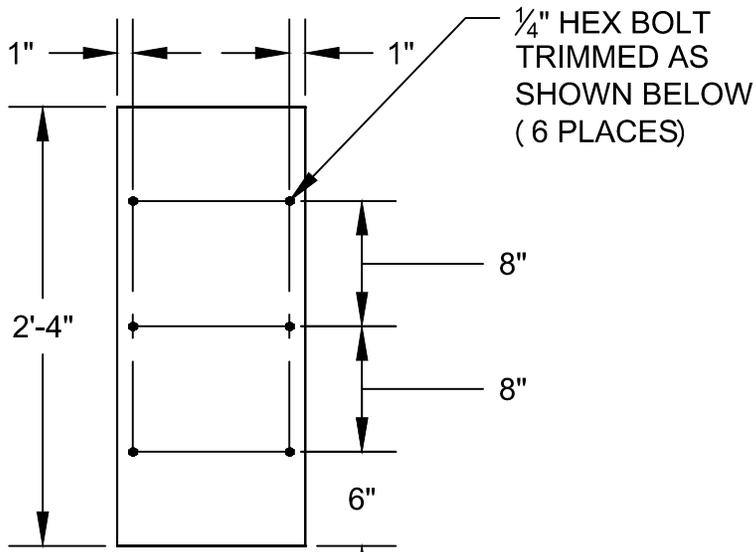
City of Rio Rancho Department
of Public Works

SIDEWALK CULVERT
CONCRETE WORK

DWG. NO. SW-01

SHT 2 of 6

NOV 15, 2012



3/8"
DIAMOND PLATE

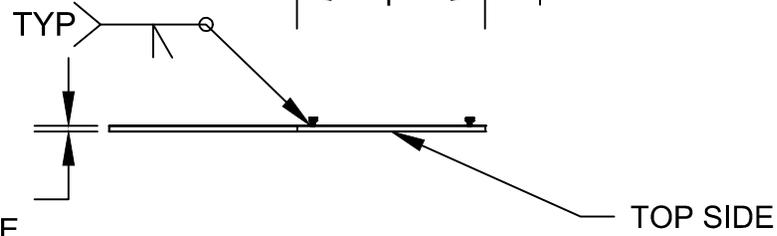
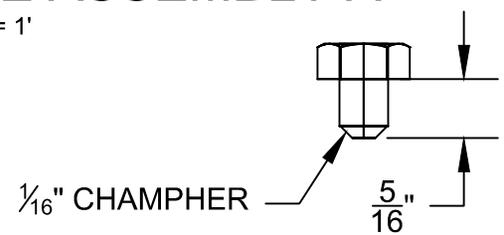


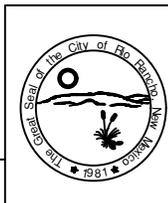
PLATE ASSEMBLY A
SCALE: 1" = 1'

PLATE ASSEMBLY B (AS SHOWN)
PLATE ASSEMBLY C (OPPOSITE HAND)
SCALE: 1" = 1'



TRIMMED 1/4" HEX BOLT
SCALE: 1" = 1"

NOTES:
1. SEE DWG. NO. SW-01, SHEET 6 OF 6 FOR GENERAL NOTES



City of Rio Rancho Department
of Public Works

SIDEWALK CULVERT
DIAMOND PLATE ASSEMBLIES

DWG. NO. SW-01 SHT 3 of 6 NOV 15, 2012

DATE MODIFIED: JAN 03, 2022

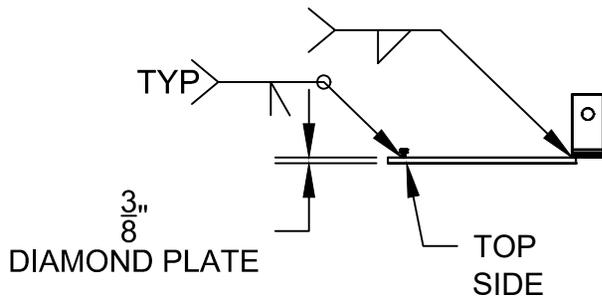
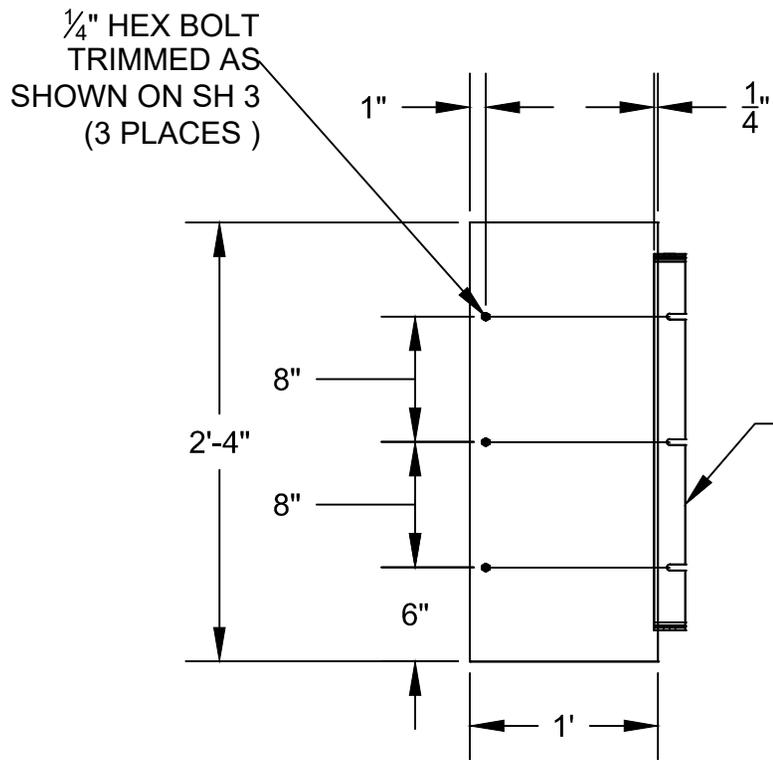


PLATE ASSEMBLY D

SCALE: 1" = 1'

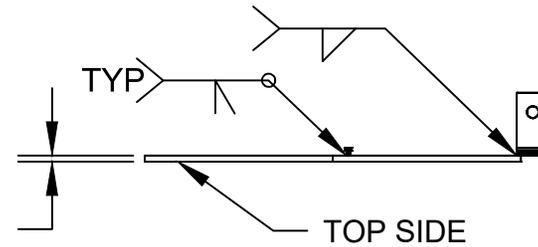
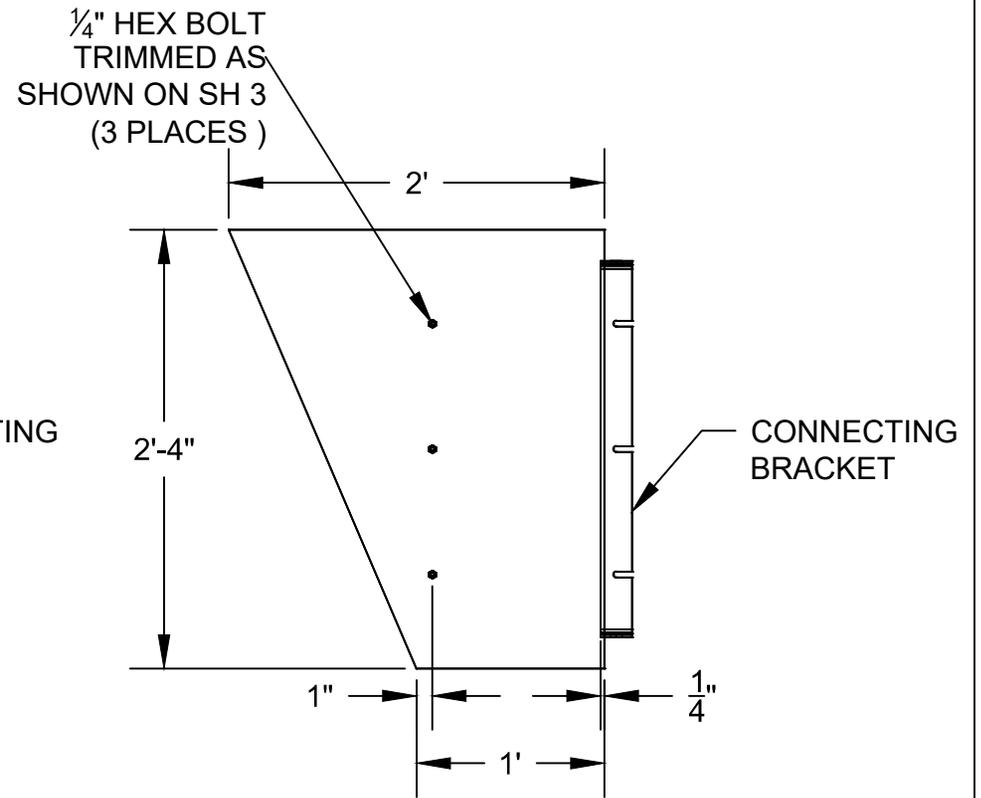


PLATE ASSEMBLY E (AS SHOWN)

PLATE ASSEMBLY H (OPPOSITE HAND)

SCALE: 1" = 1'

NOTES:

1. SEE DWG. NO. SW-01, SHEET 6 OF 6 FOR GENERAL NOTES

DATE MODIFIED:

JAN 03, 2022



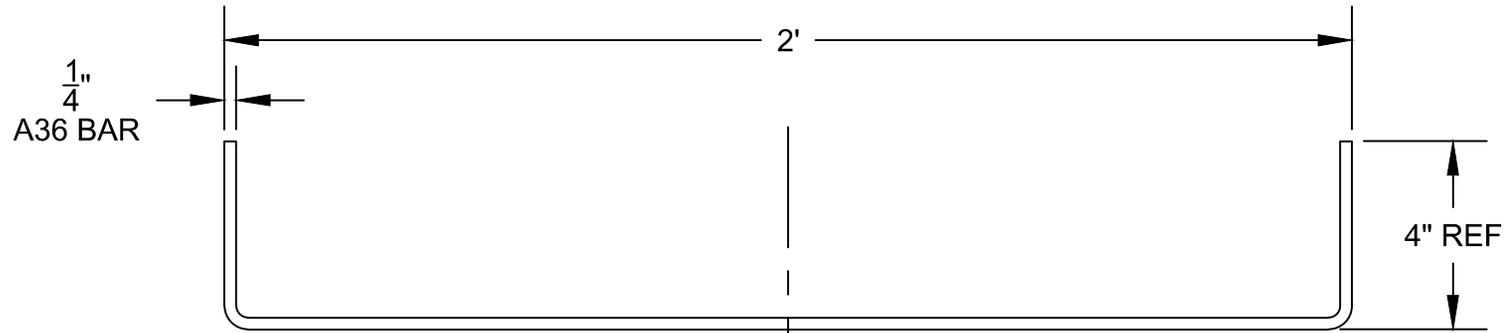
City of Rio Rancho Department of Public Works

SIDEWALK CULVERT DIAMOND PLATE ASSEMBLIES

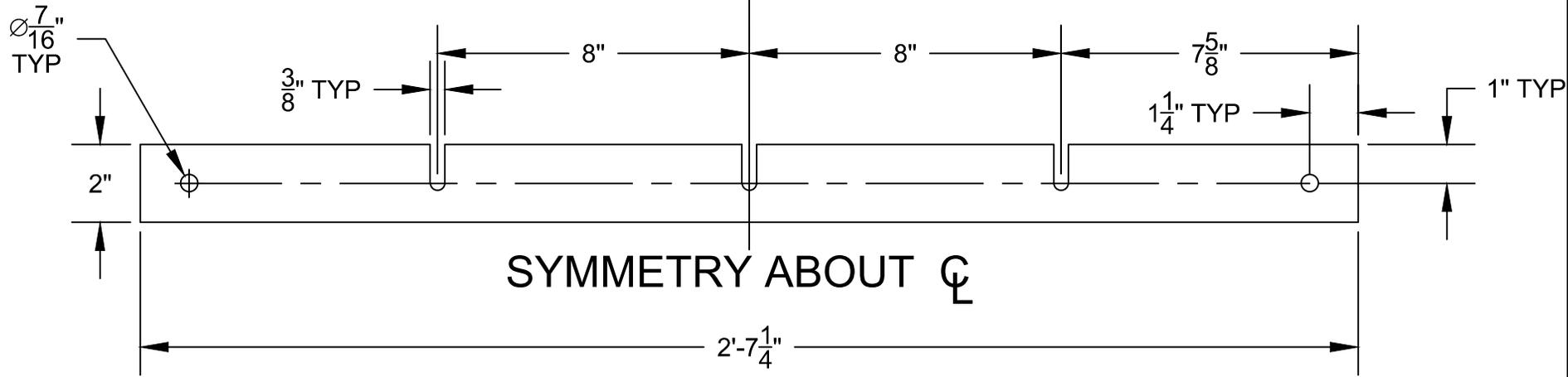
DWG. NO. SW-01

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NOV 15, 2012



BRACKET BEND DETAIL

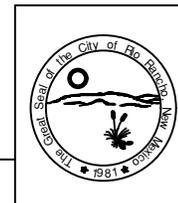


SYMMETRY ABOUT \mathcal{C}

BRACKET FLAT LAYOUT

NOTES:
 1. SEE DWG. NO. SW-01, SHEET 6 OF 6 FOR GENERAL NOTES

SCALE: 3" = 1'
 DATE MODIFIED: JAN 03, 2022



City of Rio Rancho Department
 of Public Works

SIDEWALK CULVERT
 SUPPORT BRACKET
 DWG. NO. SW-01 SHT 5 of 6 NOV 15, 2012

CONSTRUCTION AND FABRICATION NOTES:

- 1) ALL EXPOSED CONCRETE SURFACES SHALL MATCH GRADE, COLOR, AND FINISH OF ADJACENT CURB AND SIDEWALK.
- 2) STEEL SURFACE PREPARATION SHALL MEET SSPC-SP6 STANDARD.
- 3) PAINT STEEL SURFACES WITH ONE COAT OF RED OXIDE AND TWO FINISH COATS OF ALUMINUM PAINT (AASHTO M69)
- 4) ALL CONCRETE SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. IF THE PROJECT HAS GONE THROUGH THE DEVELOPMENT REVIEW PROCESS, CONCRETE SHALL BE IN ACCORDANCE WITH THE APPROVED PLANS AND DEVELOPMENT SERVICE DEPARTMENT'S APPROVALS.
- 5) CONCRETE SHALL BE PLACED ON PREPARED SUBGRADE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. IF THE PROJECT HAS GONE THROUGH THE DEVELOPMENT REVIEW PROCESS, SUBGRADE SHALL BE IN ACCORDANCE WITH THE APPROVED PLANS AND DEVELOPMENT SERVICE DEPARTMENT'S APPROVALS.

INSTALLATION NOTES:

- 1) INSTALL 1/2" EXPANSION JOINT BETWEEN CULVERT AND SIDEWALK.

ORIENTATION 1

- 2) INSTALL PLATE ASSEMBLY D BY SLIDING THE ATTACHED SLOTTED BRACKET UNDER THE PREVIOUS PLATE ASSEMBLY ENGAGING THE BOLTS OF THE PREVIOUS ASSEMBLY WITH THE BRACKET.
- 3) REPEAT THIS PROCEDURE UNTIL SUFFICIENT PL-D ASSEMBLIES HAVE BEEN INSTALLED TO SPAN THE DISTANCE FROM THE BACK OF CURB TO THE OPPOSITE SIDE OF THE SIDEWALK.
- 4) INSTALL A SUPPORT BRACKET UNDER THE LAST PL-D ASSEMBLY BY ENGAGING THE PL-D ASSEMBLY BOLTS IN THE SLOTS OF THE SUPPORT BRACKET.
- 5) ANCHOR THE SUPPORT BRACKET WITH TWO EXPANSION ANCHORS.

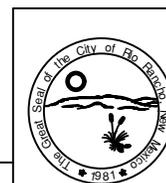
ORIENTATION 2

- 6) INSTALL PLATE ASSEMBLY D BY SLIDING THE ATTACHED SLOTTED BRACKET UNDER THE PREVIOUS PLATE ASSEMBLY ENGAGING THE BOLTS OF THE PREVIOUS ASSEMBLY WITH THE BRACKET.
- 7) REPEAT THIS PROCEDURE UNTIL SUFFICIENT PL-D ASSEMBLIES HAVE BEEN INSTALLED TO SPAN THE DISTANCE FROM THE BACK OF CURB TO THE OPPOSITE SIDE OF THE SIDEWALK.
- 8) INSTALL ONE PL-H ASSEMBLY IN THE SAME MANNER.
- 9) INSTALL A SUPPORT BRACKET UNDER THE PL-H ASSEMBLY BY ENGAGING THE PL-H ASSEMBLY BOLTS IN THE SLOTS OF THE SUPPORT BRACKET.
- 10) ANCHOR THE SUPPORT BRACKET WITH TWO EXPANSION ANCHORS.

ORIENTATION 3

- 11) INSTALL PLATE ASSEMBLY D BY SLIDING THE ATTACHED SLOTTED BRACKET UNDER THE PREVIOUS PLATE ASSEMBLY ENGAGING THE BOLTS OF THE PREVIOUS ASSEMBLY WITH THE BRACKET.
- 12) REPEAT THIS PROCEDURE UNTIL SUFFICIENT PL-D ASSEMBLIES HAVE BEEN INSTALLED TO SPAN THE DISTANCE FROM THE BACK OF CURB TO THE OPPOSITE SIDE OF THE SIDEWALK.
- 13) INSTALL ONE PL-E ASSEMBLY IN THE SAME MANNER.
- 14) INSTALL A SUPPORT BRACKET UNDER THE PL-E ASSEMBLY BY ENGAGING THE PL-H ASSEMBLY BOLTS IN THE SLOTS OF THE SUPPORT BRACKET.
- 15) ANCHOR THE SUPPORT BRACKET WITH TWO EXPANSION ANCHORS.

DATE MODIFIED: JAN 03, 2022



City of Rio Rancho Department
of Public Works

SIDEWALK CULVERT
NOTES

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