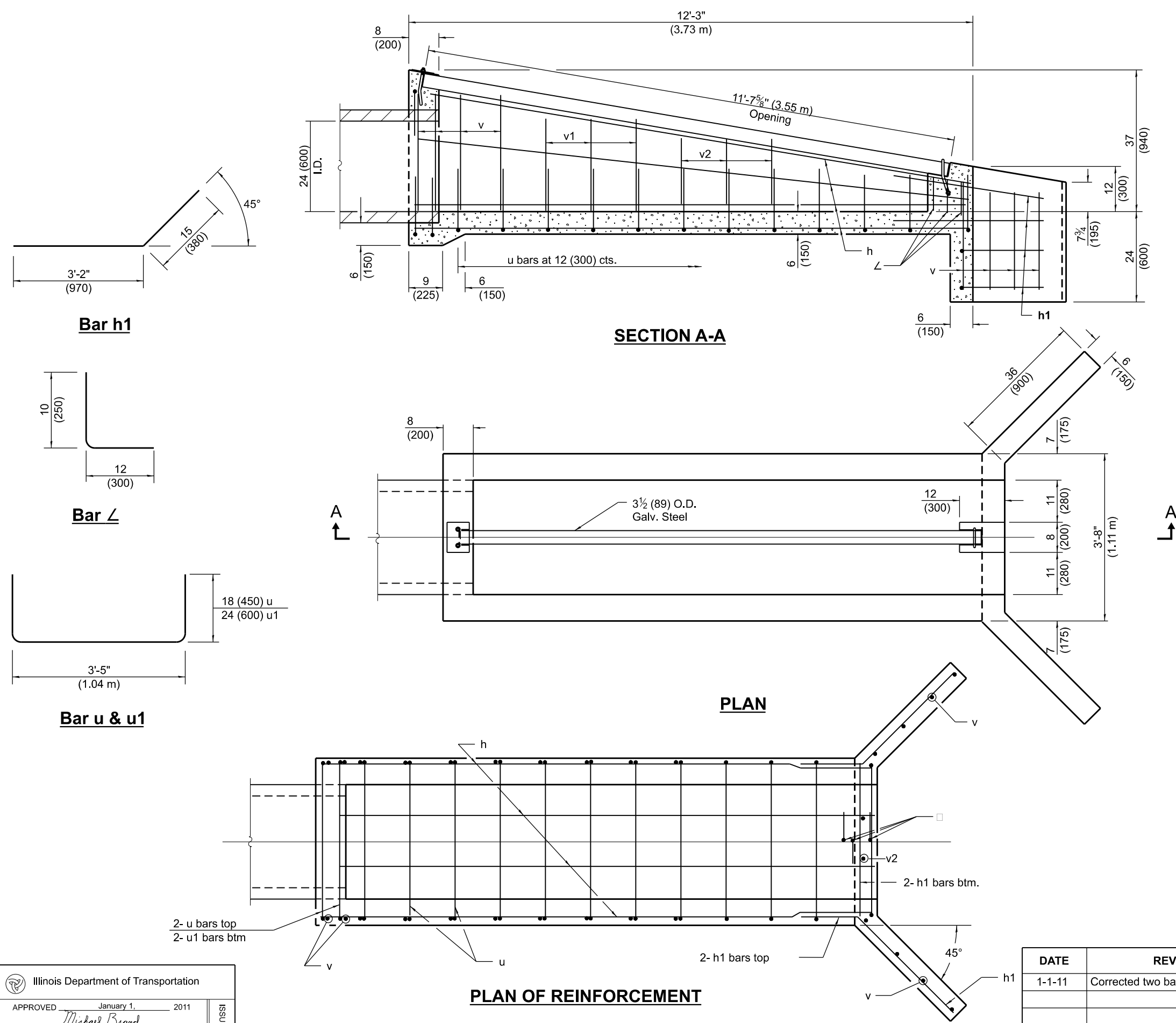
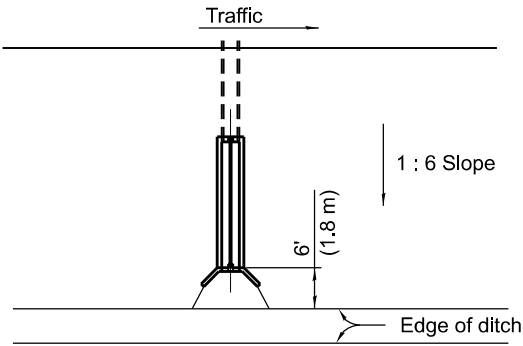




Material required for one inlet box

Bar	Qty.	Size	Length
h	10	No. 4 (No. 13)	12'-0" (3.66 m)
h1	8	No. 4 (No. 13)	4'-5" (1.35 m)
∟	3	No. 4 (No. 13)	22 (550)
u	14	No. 4 (No. 13)	6'-5" (1.94 m)
u1	2	No. 4 (No. 13)	7'-5" (2.24 m)
v	16	No. 4 (No. 13)	30 (760)
v1	6	No. 4 (No. 13)	24 (610)
v2	8	No. 4 (No. 13)	18 (460)
Concrete		cu. yds. (m ³)	2.2 (1.68)
Reinf. Bars		lbs. (kg)	220 (99.8)
Galv. Steel Pipe		3 1/2 (89) O.D.	11'-7 3/8" (3.55 m)



Sketch showing location and direction of box in relation to ditch.

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-11	Corrected two bars in weir to 'v2'.
1-1-09	Switched units to English (metric).

INLET BOX
TYPE 24 (600) D

(Sheet 1 of 2)

STANDARD 542516-03



Illinois Department of Transportation

APPROVED January 1, 2011

Michael Brand

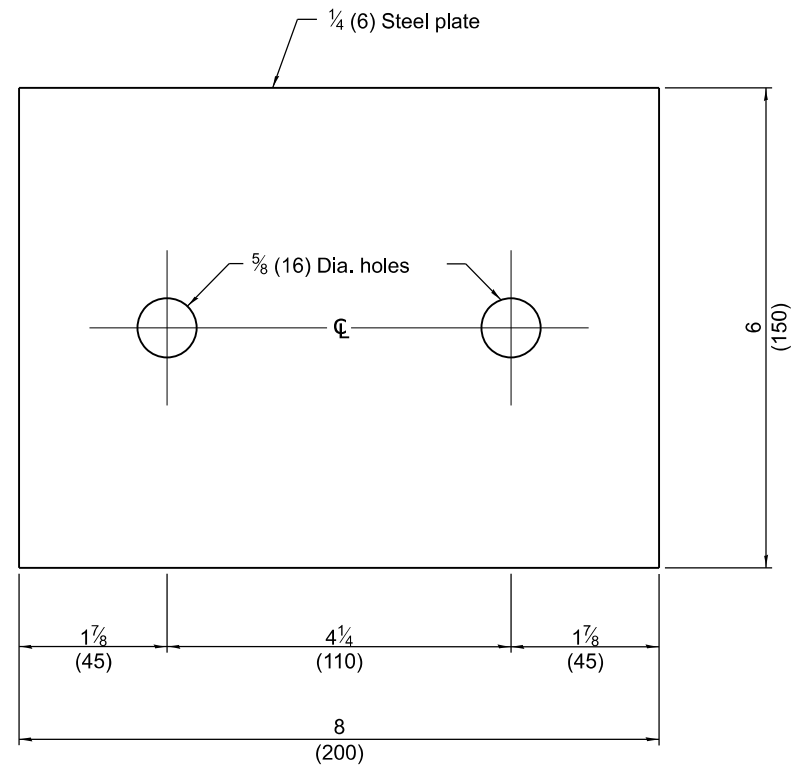
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2011

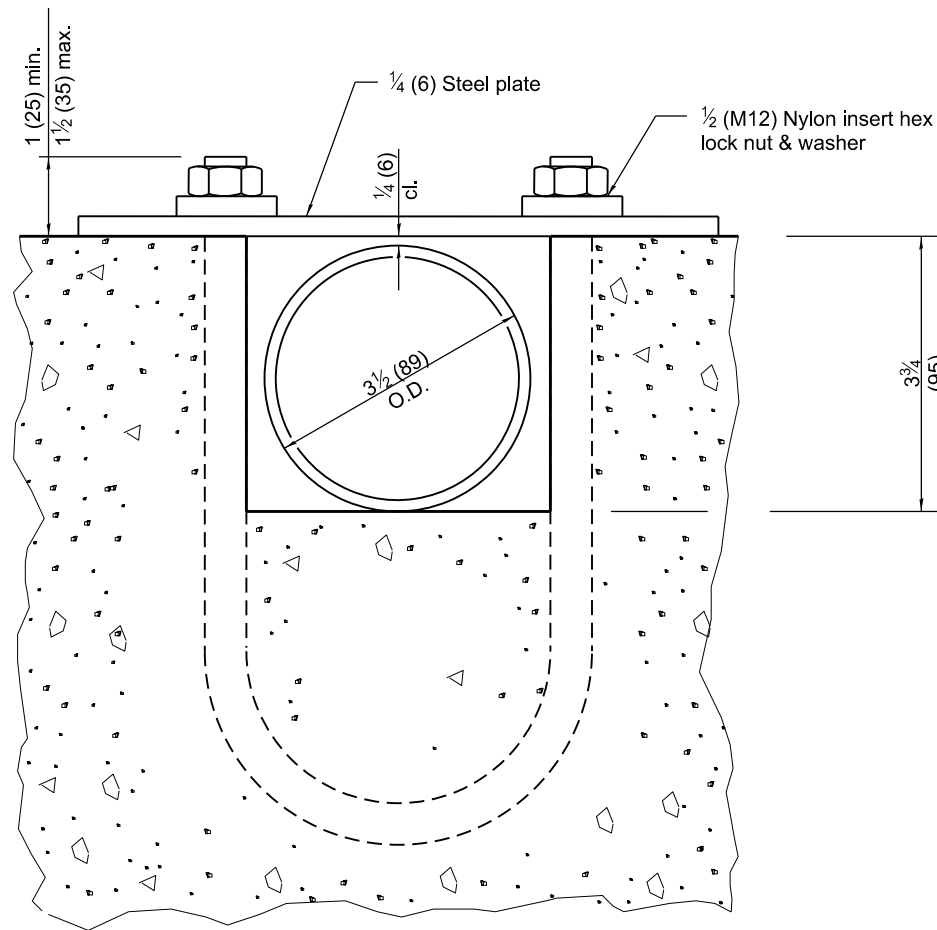
Spencer

ENGINEER OF DESIGN AND ENVIRONMENT

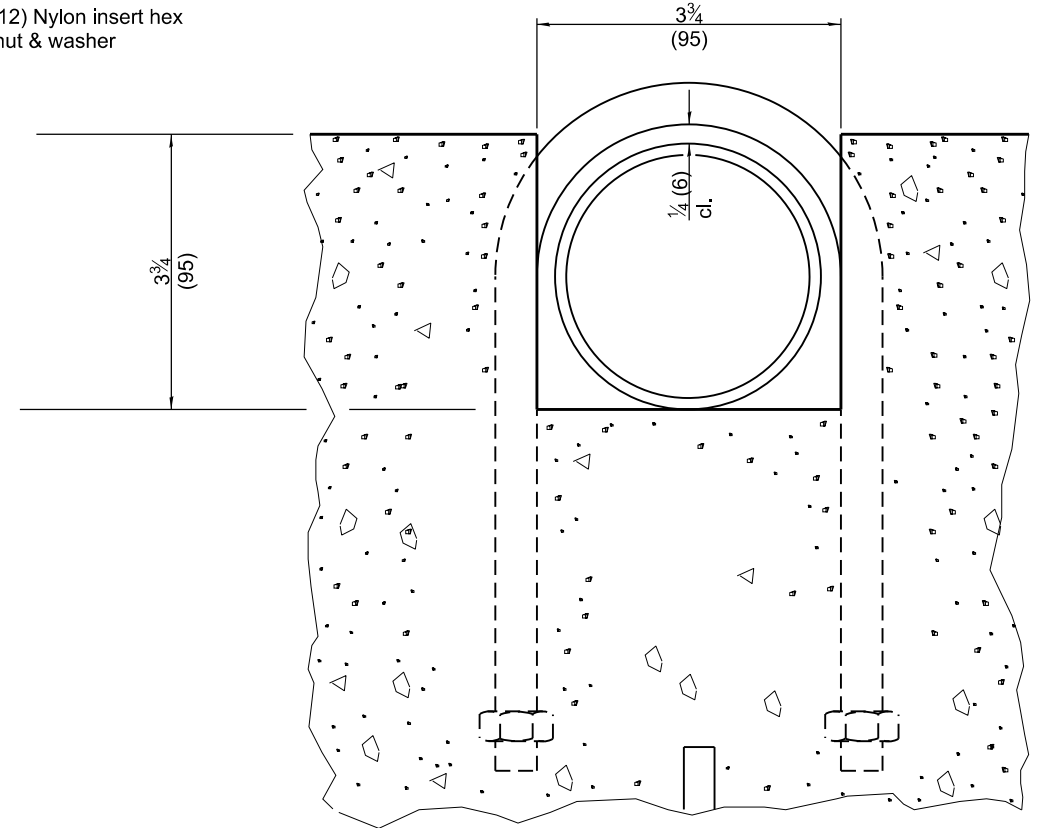
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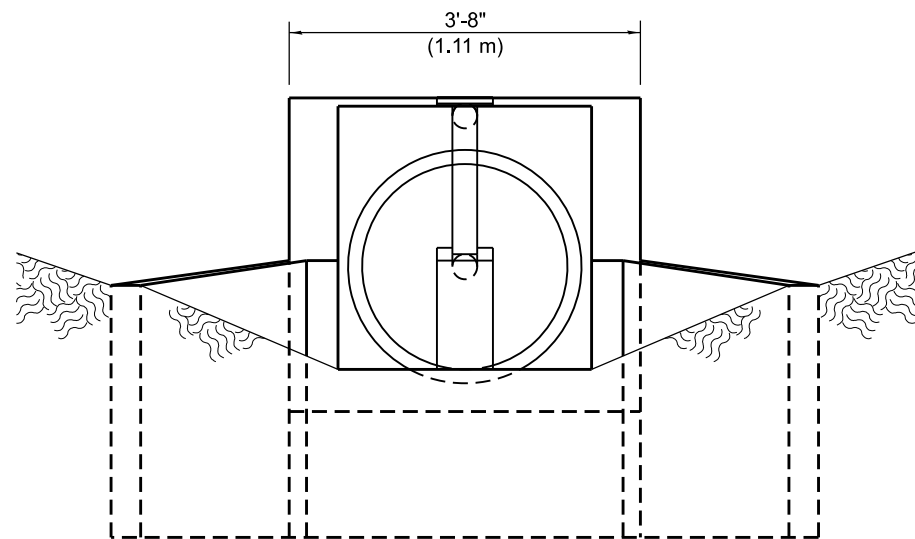
TOP ANCHOR PLATE
(1-required)



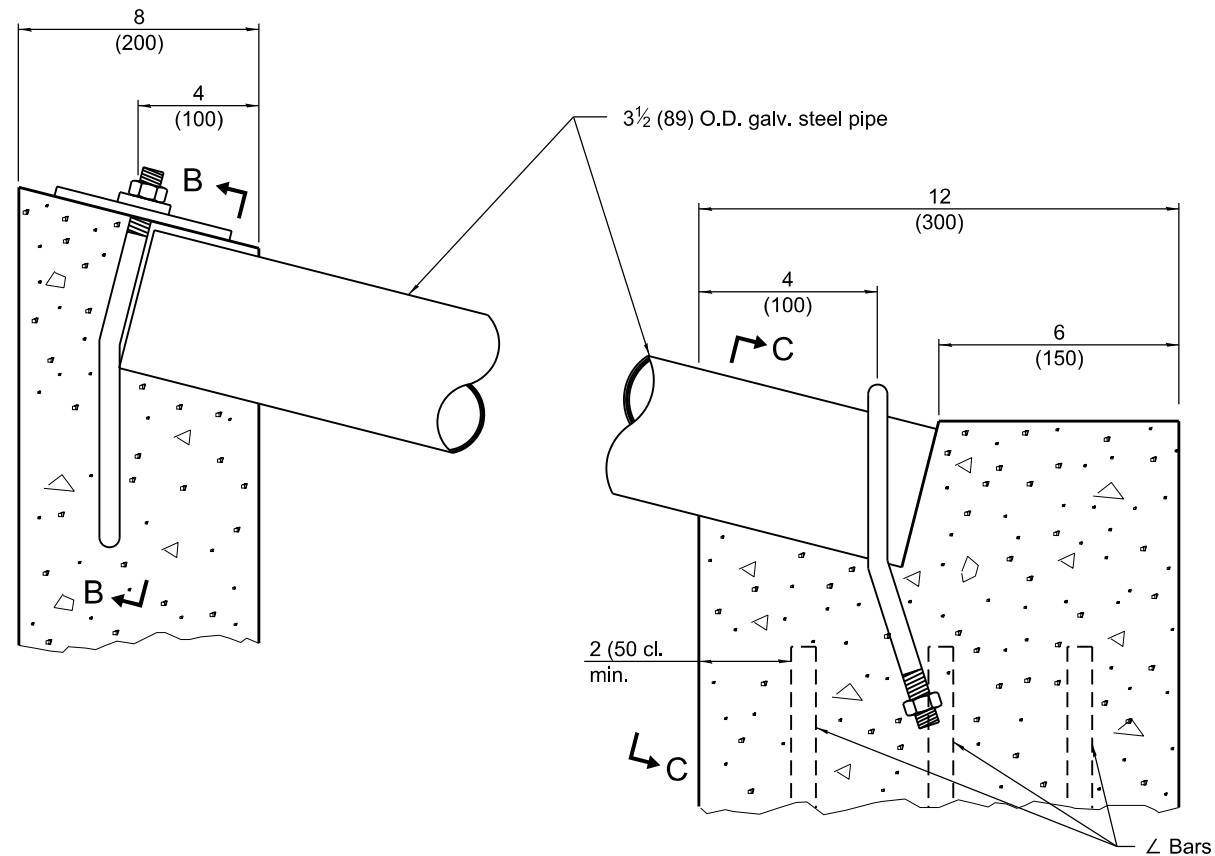
SECTION B-B



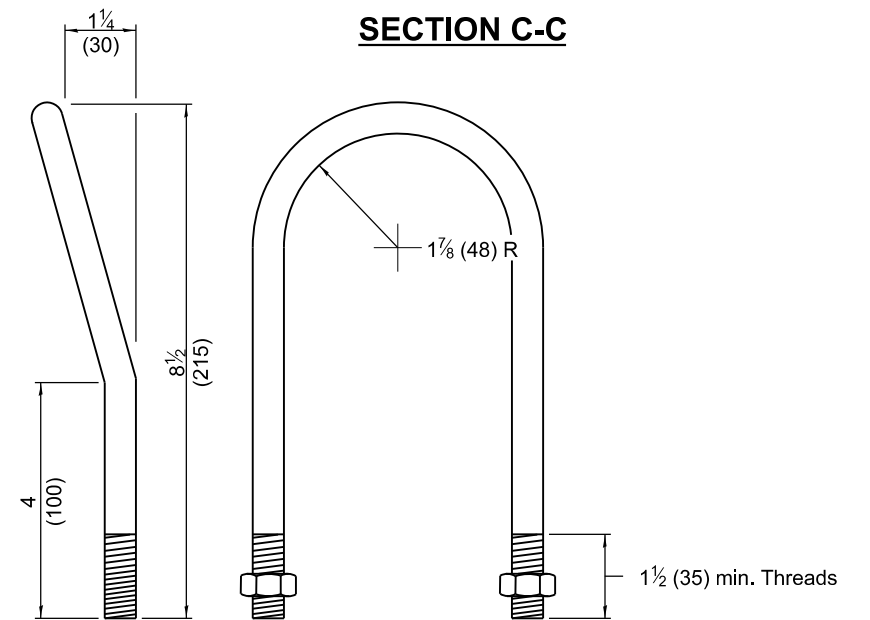
SECTION C-C



END VIEW



DETAIL AT BLOCKOUTS



1/2 (M12) U BOLT
(2-required)

**INLET BOX
TYPE 24 (600) D**

(Sheet 2 of 2)

STANDARD 542516-03