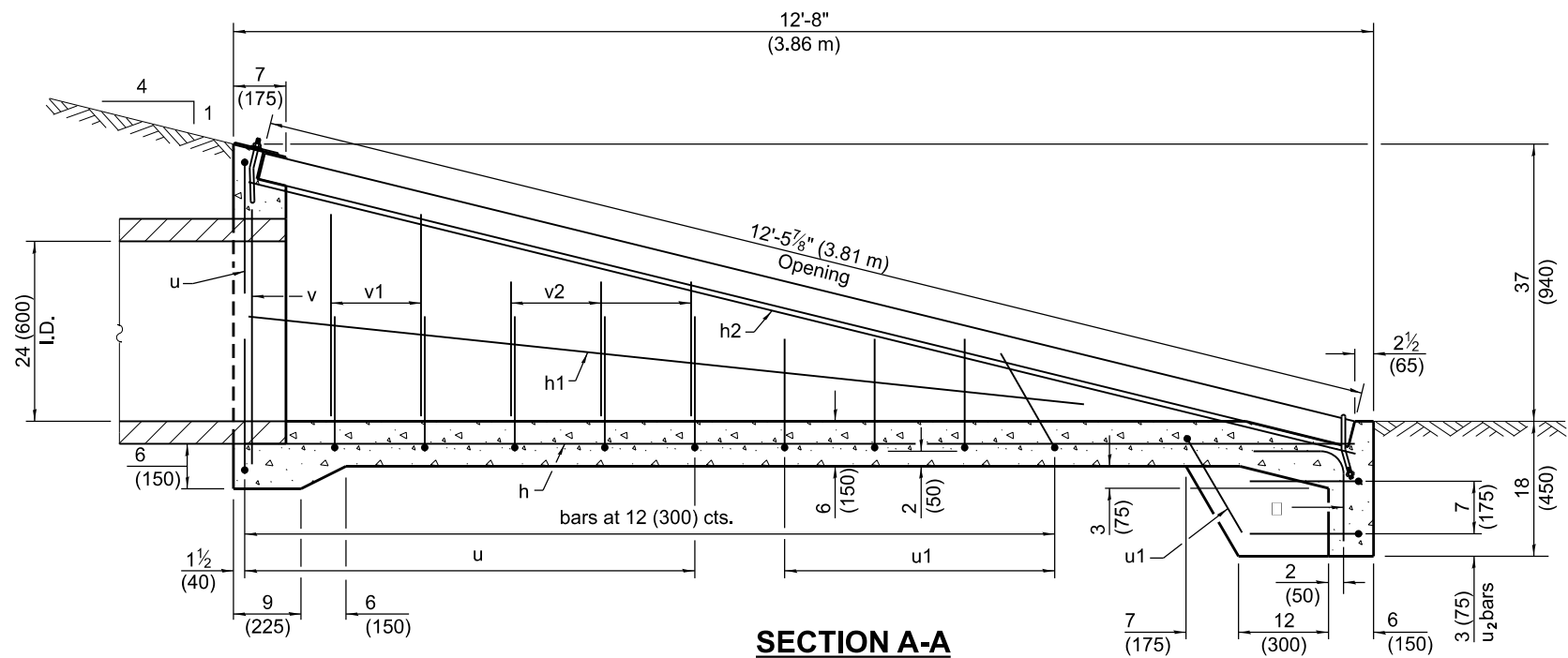
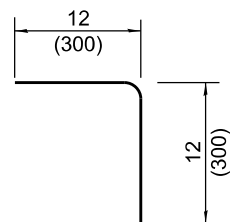
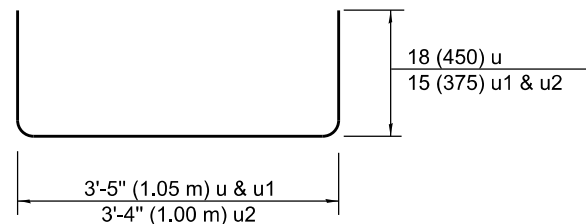




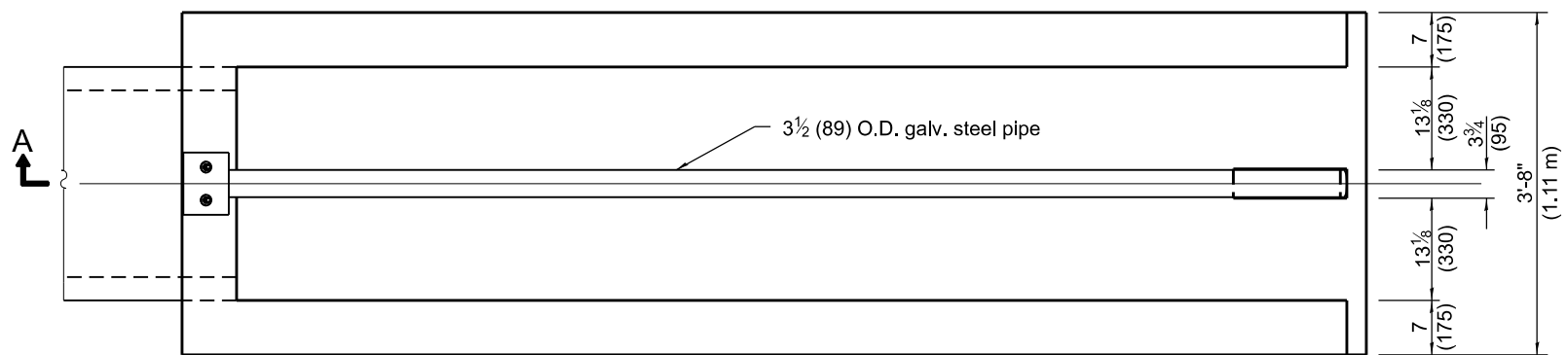
SECTION A-A



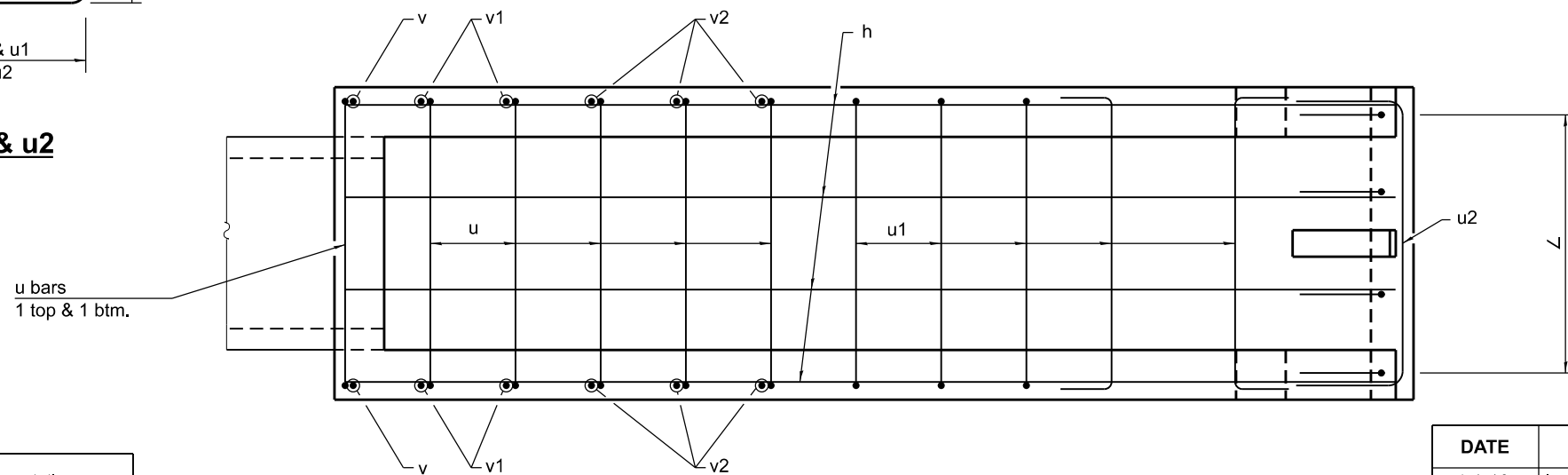
Bar L



Bars u, u1 & u2



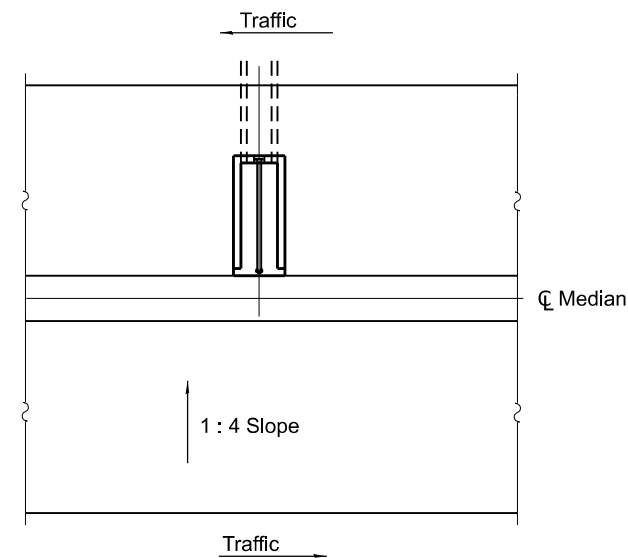
PLAN



PLAN OF REINFORCEMENT

Material required for one inlet box

Bar	Qty.	Size	Length
h	4	No. 4 (No. 13)	12'-4" (3.76 m)
h1	2	No. 4 (No. 13)	9'-4" (2.84 m)
h2	2	No. 4 (No. 13)	12'-8" (3.86 m)
L	4	No. 4 (No. 13)	2'-0" (0.60 m)
u	7	No. 4 (No. 13)	6'-5" (1.95 m)
u1	5	No. 4 (No. 13)	5'-11" (1.80 m)
u2	2	No. 4 (No. 13)	5'-10" (1.75 m)
v	2	No. 4 (No. 13)	34 (864)
v1	4	No. 4 (No. 13)	27 (680)
v2	6	No. 4 (No. 13)	18 (460)
Concrete		cu. yds. (m)	1.9 (1.5)
Reinf. Bars		lbs. (kg)	141 (64.0)
Galv. Steel Pipe		3 1/2 (89) O.D.	12'-5 7/8" (3.80 m)



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

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
4-1-16	Increased length of inlet box to provide clearance for top u-bolt.
1-1-09	Switched units to English (metric).

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

(Sheet 1 of 2)

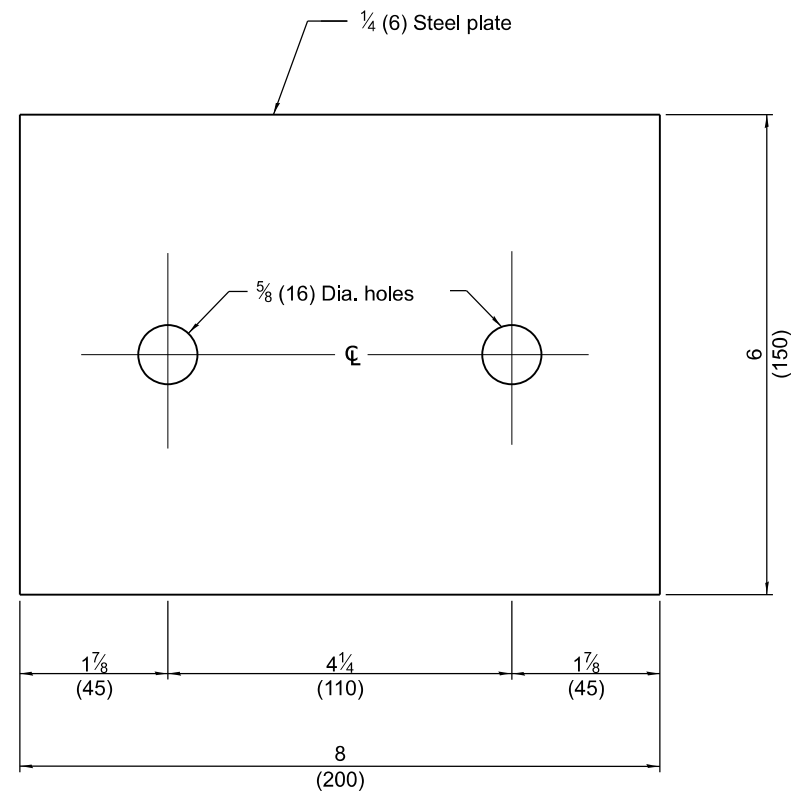
STANDARD 542506-03

Illinois Department of Transportation

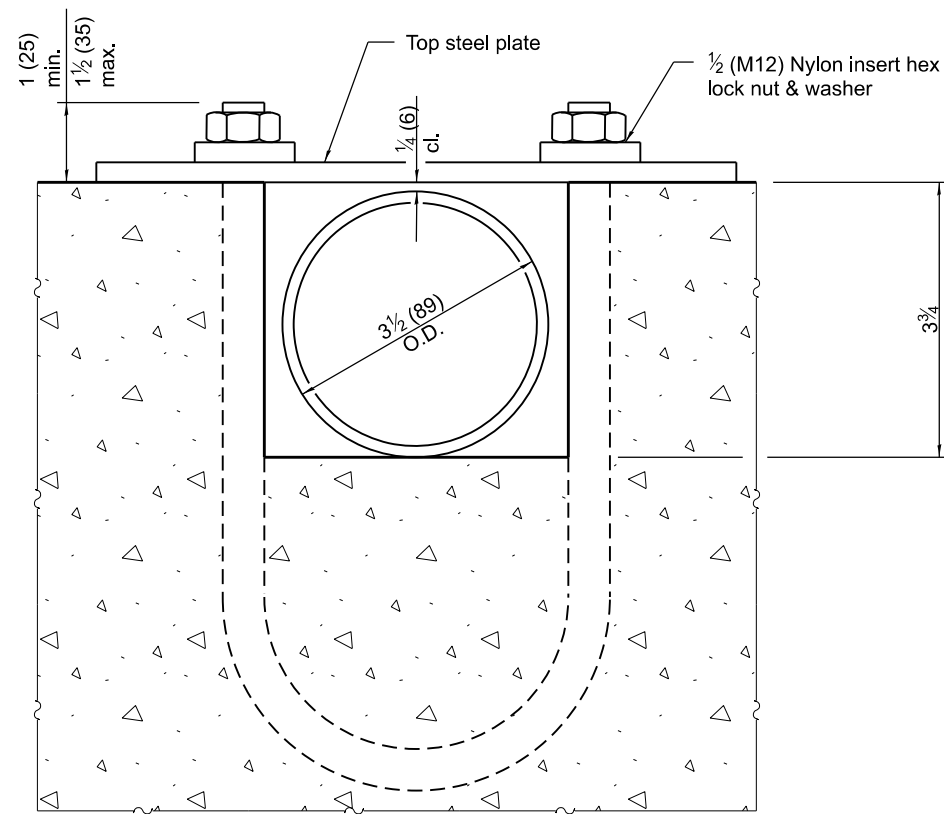
APPROVED Michael Brand April 1, 2016
ENGINEER OF POLICY AND PROCEDURES

APPROVED [Signature] April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

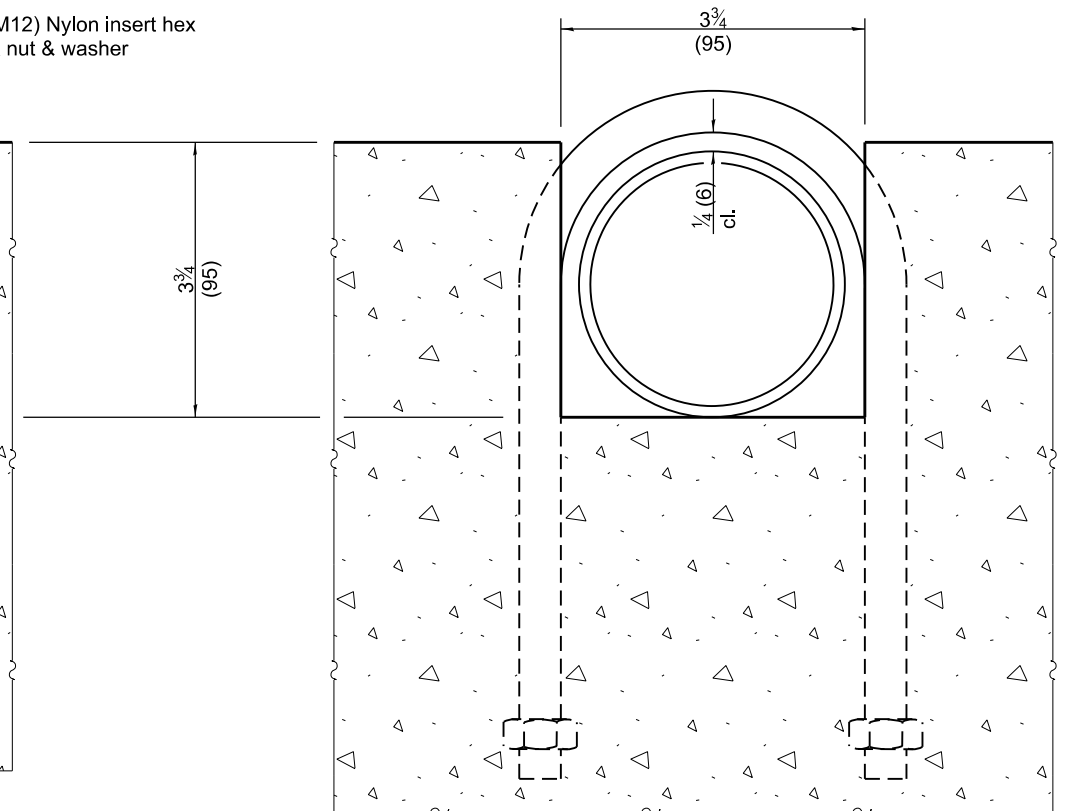
ISSUED 1-1-97



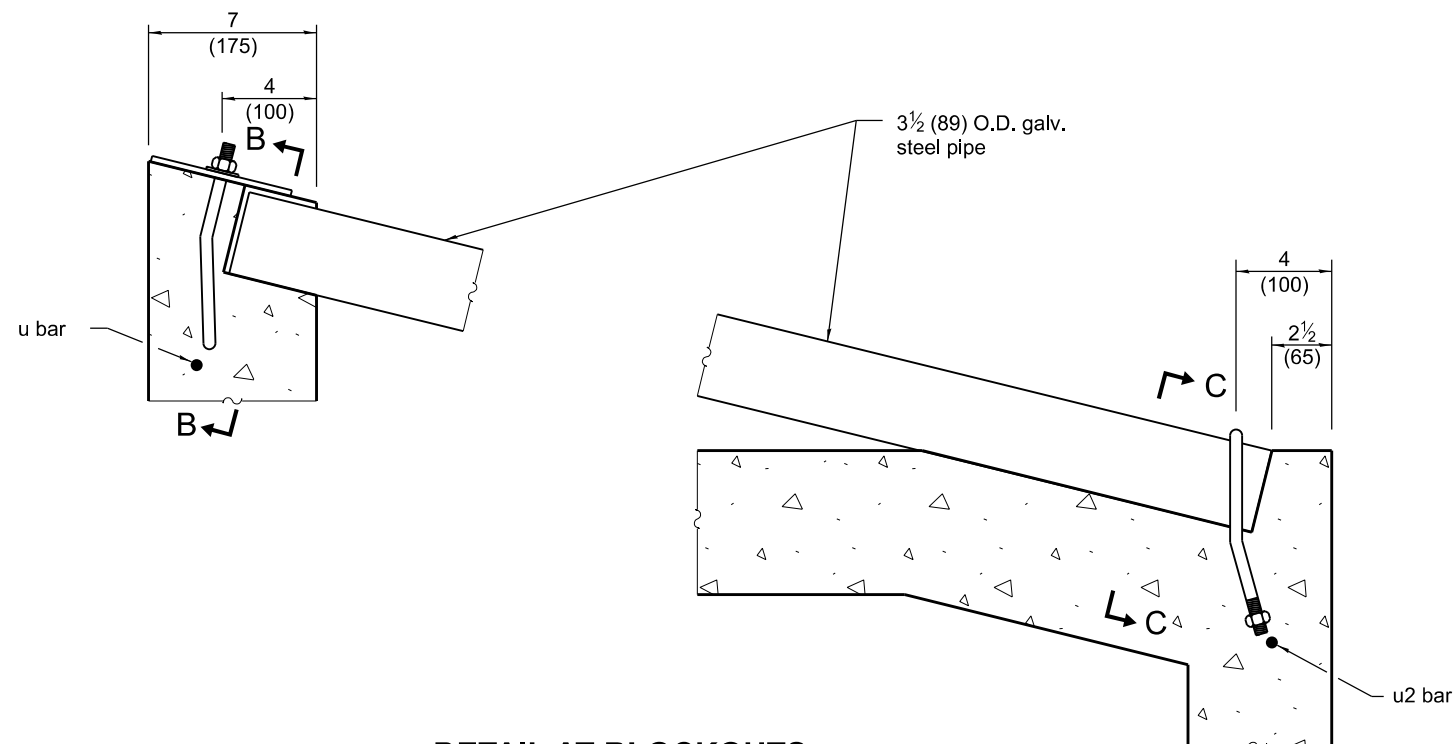
TOP ANCHOR PLATE
(1 - required)



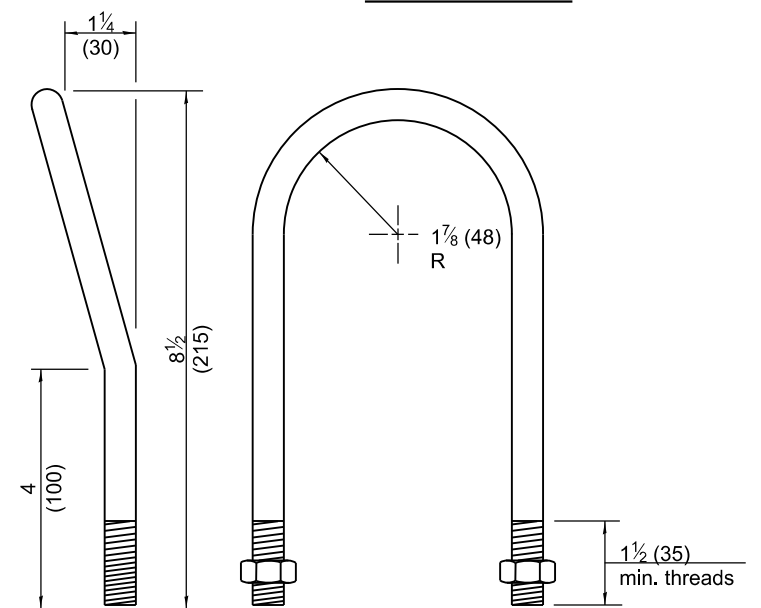
SECTION B-B



SECTION C-C



DETAIL AT BLOCKOUTS



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