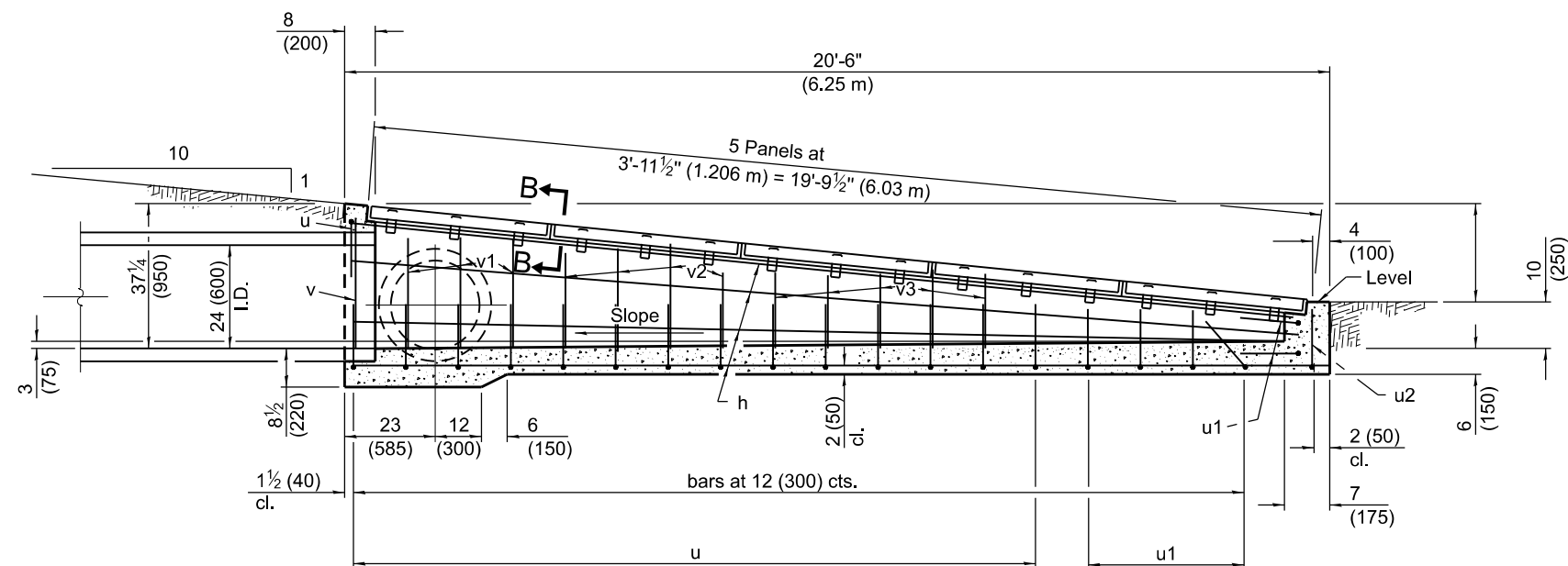
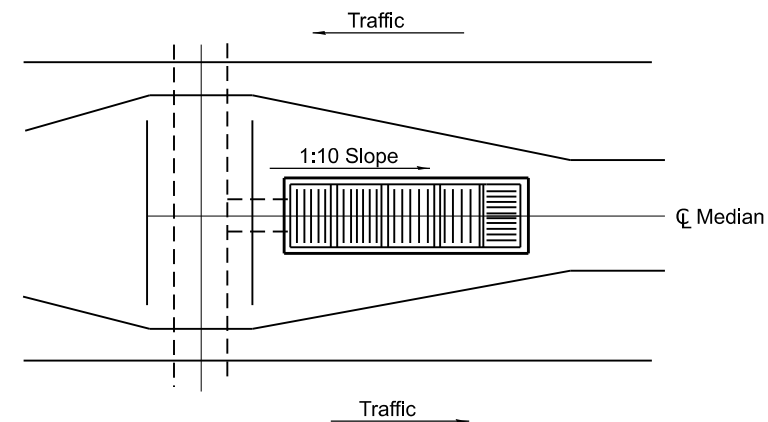
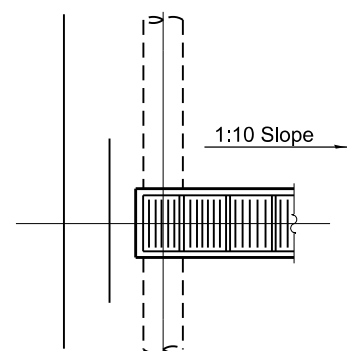
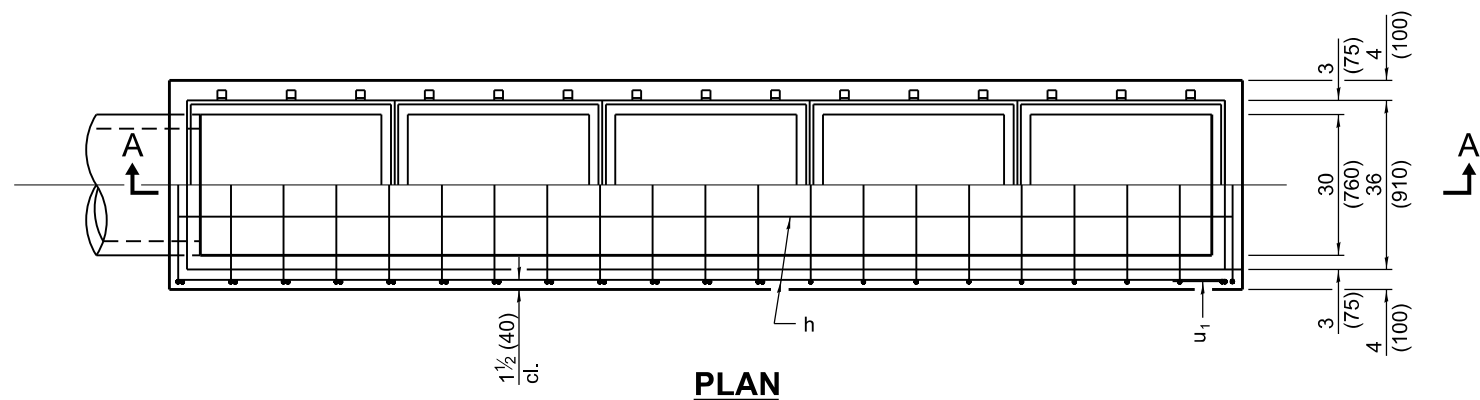




NOTE:

Culvert pipe may exit from the side (or sides) by changing reinforcement bars in that area and in the headwall end of box.



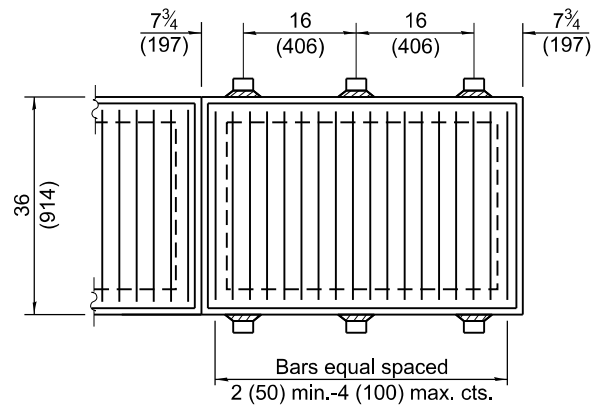
GENERAL NOTES

If field conditions will permit, bottom of inlet box shall have 2 (50) slope.

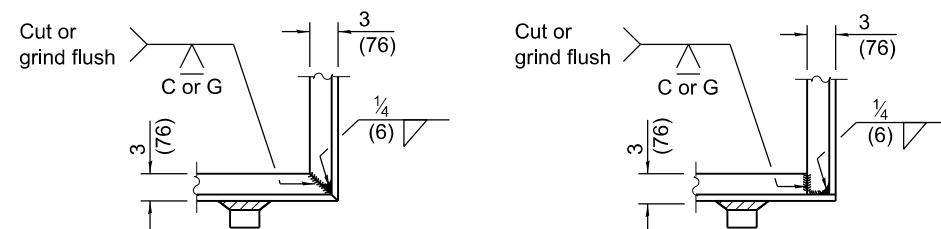
All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

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

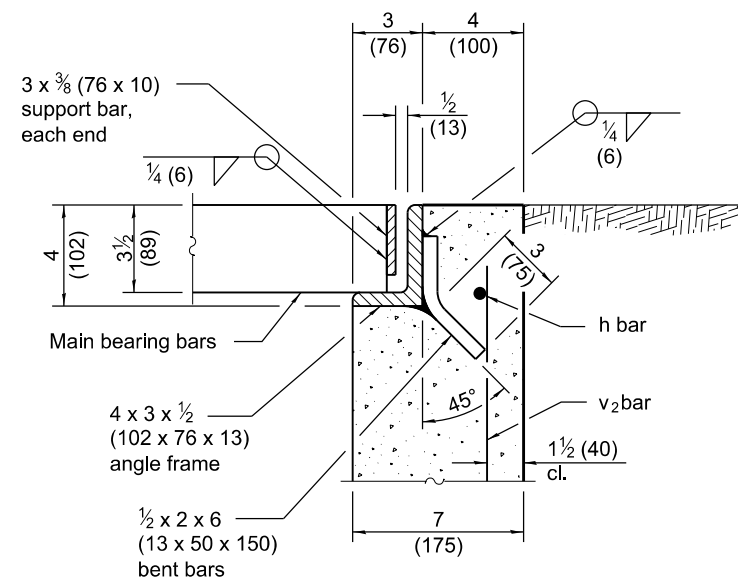
DATE	REVISIONS	INLET BOX TYPE 24 (600) G (Sheet 1 of 2)
1-1-11	Added 36 (910) dimension to plan	
	view. Corrected weld symbols	
	on Sheet 2.	
1-1-09	Switched units to English (metric).	STANDARD 542531-04
	Revised General Notes.	



TYPICAL STEEL GRATING



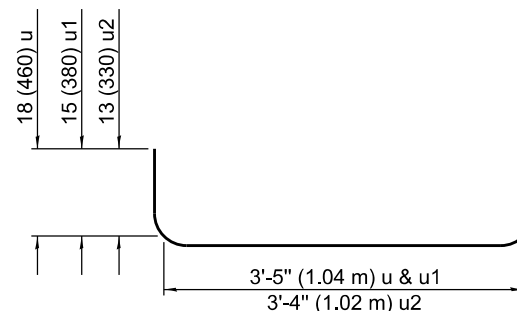
TYPICAL CORNER OF STEEL GRATING FRAME



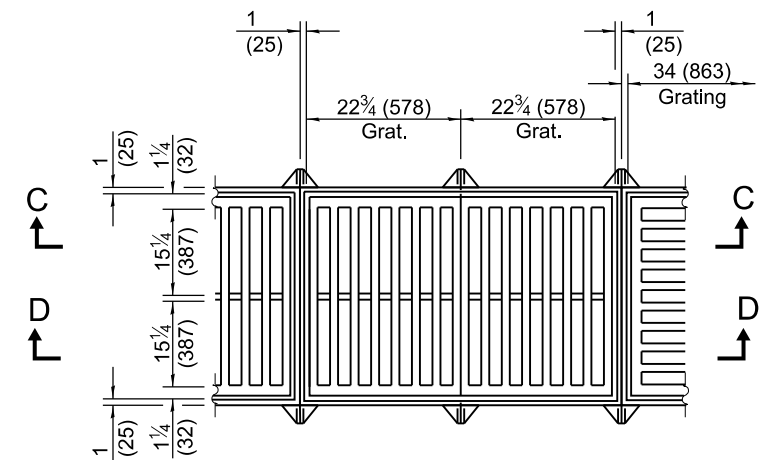
SECTION B-B

Material Required for One Inlet Box

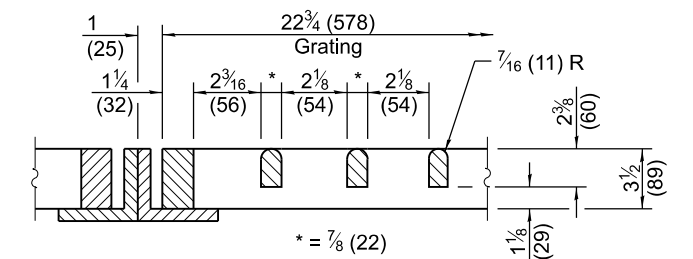
Bar	No.	Size	Length
h	10	No. 4 (No. 13)	20'-0" (6.10 m)
u	17	No. 4 (No. 13)	6'-5" (1.96 m)
u1	6	No. 4 (No. 13)	5'-11" (1.80 m)
u2	1	No. 4 (No. 13)	5'-6" (1.68 m)
v	2	No. 4 (No. 13)	33 (840)
v1	6	No. 4 (No. 13)	30 (760)
v2	10	No. 4 (No. 13)	24 (610)
v3	10	No. 4 (No. 13)	18 (460)
Concrete		cu. yds. (m³)	3.2 (2.45)
Reinf. Bars		lbs. (kg)	270 (122)
Grating		(sq. ft.) (m²)	56.0 (5.20)



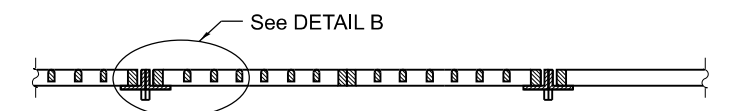
BARS u, u1 & u2



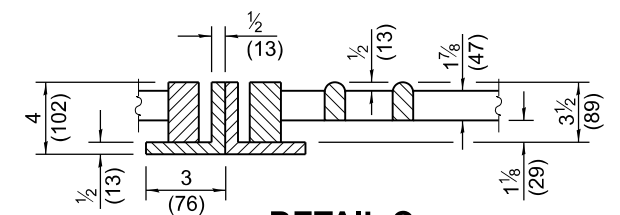
TYPICAL CAST GRATING



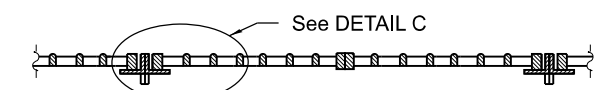
DETAIL B



SECTION C-C



DETAIL C



SECTION D-D