

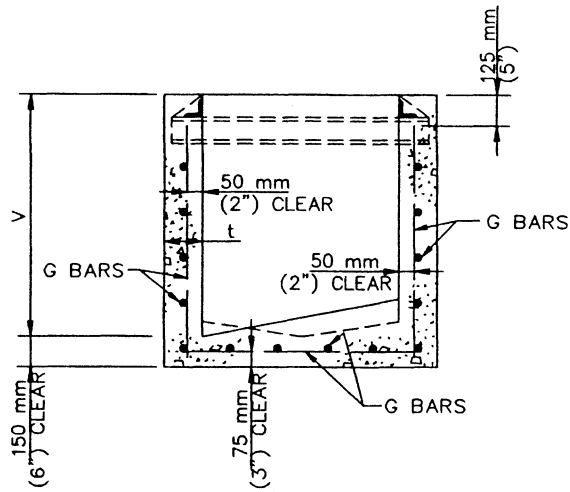
TYPICAL REINFORCEMENT DETAILS

MAX. W	MAX. V	t	tf	A & B BARS	C BARS	D BARS	E BARS	F BARS	G BARS
1 m (3.5')	2.4 m (8')	150 mm (6")	150 mm (6")	—	—	—	—	—	—
1 m (3.5')	3.5 m (12')	200 mm (8")	200 mm (8")	—	—	—	—	—	—
2 m (7')	1.8 m (6')	150 mm (6")	150 mm (6")	—	—	—	—	—	—
2 m (7')	3.5 m (12')	200 mm (8")	200 mm (8")	—	—	—	—	—	—
4 m (14')	1.2 m (4')	150 mm (6")	150 mm (6")	—	13M \odot 300 mm (#4 \odot 12")	13M \odot 450 mm (#4 \odot 18")	—	—	—
4 m (14')	2.4 m (8')	150 mm (6")	200 mm (8")	—	13M \odot 300 mm (#4 \odot 12")	13M \odot 450 mm (#4 \odot 18")	—	—	—
4 m (14')	3.5 m (12')	200 mm (8")	250 mm (10")	—	13M \odot 150 mm (#4 \odot 6")	13M \odot 450 mm (#4 \odot 18")	—	—	—
9 m (28')	1.2 m (4')	150 mm (6")	150 mm (6")	13M \odot 600 mm (#4 \odot 24")	—	—	—	13M \odot 450 mm (#4 \odot 18")	—
9 m (28')	1.5 m (5')	150 mm (6")	200 mm (8")	13M \odot 600 mm (#4 \odot 24")	—	—	—	13M \odot 450 mm (#4 \odot 18")	—
9 m (28')	1.8 m (6')	150 mm (6")	200 mm (8")	13M \odot 450 mm (#4 \odot 18")	—	—	—	13M \odot 450 mm (#4 \odot 18")	—
9 m (28')	2.1 m (7')	200 mm (8")	200 mm (8")	13M \odot 425 mm (#4 \odot 17")	—	—	—	13M \odot 450 mm (#4 \odot 18")	—
9 m (28')	2.4 m (8')	200 mm (8")	200 mm (8")	13M \odot 325 mm (#4 \odot 13")	—	—	—	13M \odot 450 mm (#4 \odot 18")	—
9 m (28')	2.7 m (9')	200 mm (8")	250 mm (10")	13M \odot 375 mm (#4 \odot 15")	—	—	—	13M \odot 450 mm (#4 \odot 18")	—
9 m (28')	3.0 m (10')	200 mm (8")	250 mm (10")	13M \odot 300 mm (#4 \odot 12")	—	—	—	13M \odot 450 mm (#4 \odot 18")	—
9 m (28')	3.3 m (11')	200 mm (8")	250 mm (10")	16M \odot 375 mm (#5 \odot 15")	—	—	13M \odot 250 mm (#4 \odot 10")	13M \odot 450 mm (#4 \odot 18")	13M \odot 450 mm (#4 \odot 18")
9 m (28')	3.5 m (12')	200 mm (8")	250 mm (10")	19M \odot 450 mm (#6 \odot 18")	—	—	13M \odot 225 mm (#4 \odot 9")	13M \odot 450 mm (#4 \odot 18")	13M \odot 450 mm (#4 \odot 18")

FOR W > 9 m (28') OR B > 1200 mm (4') SEE PLANS

CURB OPENING CATCH BASIN REINFORCEMENT

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION		
PROMULGATED BY THE PUBLIC WORKS STANDARDS, INC., GREENBOOK COMMITTEE 1984 REV. 1996	<h2 style="margin: 0;">CATCH BASIN REINFORCEMENT</h2>	STANDARD PLAN METRIC <h1 style="margin: 0;">309-1</h1>
USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION		
SHEET 1 OF 2		



TYPICAL REINFORCEMENT DETAILS

v	t	SIDE AND END WALL STEEL
		G BARS
MAX		
1.2 m (4')	150 mm (6")	#13M @ 250 mm (#4 @ 10")
2.4 m (8')	200 mm (8")	#13M @ 150 mm (#4 @ 6")
3.5 m (12')	250 mm (10")	#16M @ 150 mm (#5 @ 6")
FOR v > 3.5 m (12') SEE PLANS		

GRATING CATCH BASIN REINFORCEMENT

NOTE

UNLESS OTHERWISE SPECIFIED, REINFORCEMENT FOR CURB OPENINGS AND GRATING CATCH BASINS SHALL TERMINATE 50 mm (2") FROM FACE OF CONCRETE.