

- * 300 mm pipe = 3 Bars - 4 kg. Reinforcing Steel
- 375 mm pipe = 2 Bars - 3 kg. Reinforcing Steel
- 450 mm pipe = 2 Bars - 3 kg. Reinforcing Steel

SCHEDULE OF REINFORCING STEEL

MARK	NO.	LENGTH		SIZE	SPACING C-C	SHAPE
		2:1	1 1/2:1			
F	3	300	300	#13	100	Straight
G	*	1300	1300	#13	100	Bent
L	12	600		#10	300	Bent
L	10		600	#10	300	Bent

† Quantities based on 450 mm pipe.

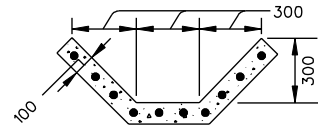
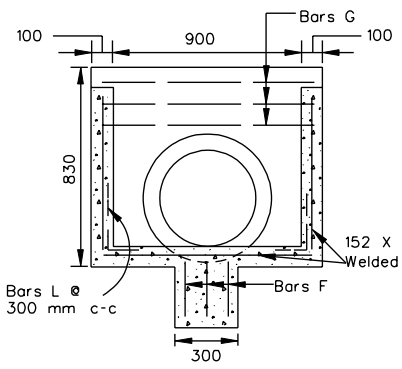
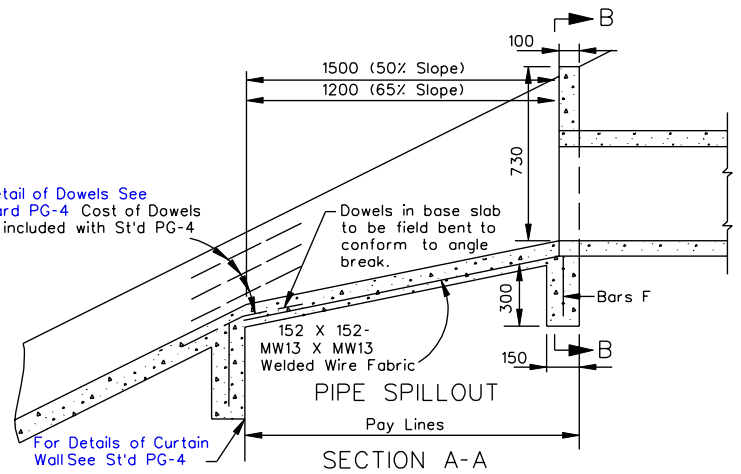
APPROXIMATE QUANTITIES

Pipe Spillout		Class 20 Concrete	Reinforcing Steel
		cubic meters	kg.
Pipe Spillout	2:1	± 0.40	8
	1 1/2:1	± 0.30	7

Note:

Dowels to be located at all required joints.

For detail of Dowels See Standard PG-4 Cost of Dowels to be included with St'd PG-4

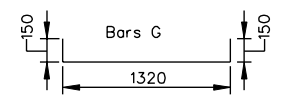
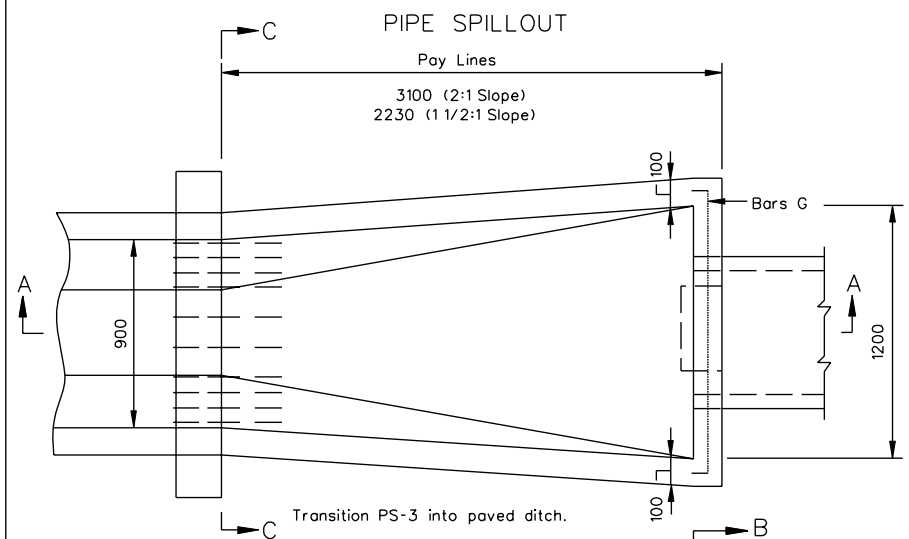


STANDARD PIPE SPILLOUT FOR 300 mm - 450 mm PIPE CULVERTS

VIRGINIA DEPARTMENT OF TRANSPORTATION

112.01 UNLESS OTHERWISE NOTED, ALL DIMENSIONS ON THIS SHEET ARE IN MILLIMETERS

SPECIFICATION
REFERENCE
302



- * 750 mm Pipe = 2 Bars - 4.75 kg. Reinforced Steel
- 600 mm Pipe = 4 Bars - 8.00 kg. Reinforced Steel
- 525 mm Pipe = 5 Bars - 9.60 kg. Reinforced Steel

SCHEDULE OF REINFORCING STEEL

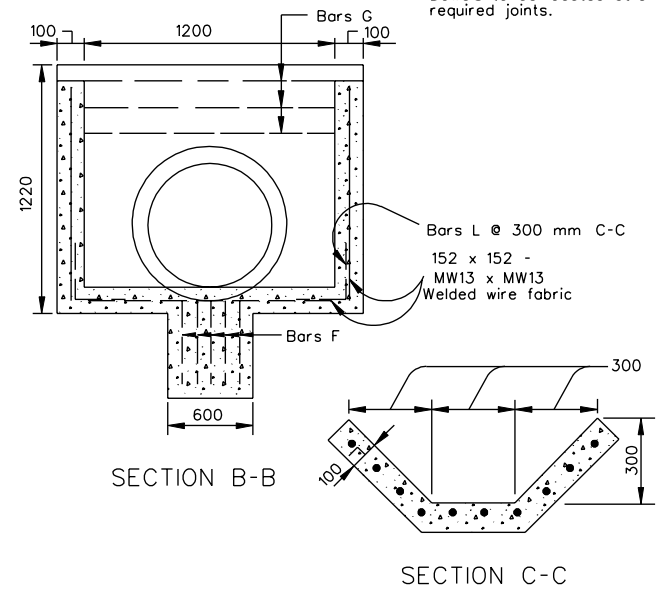
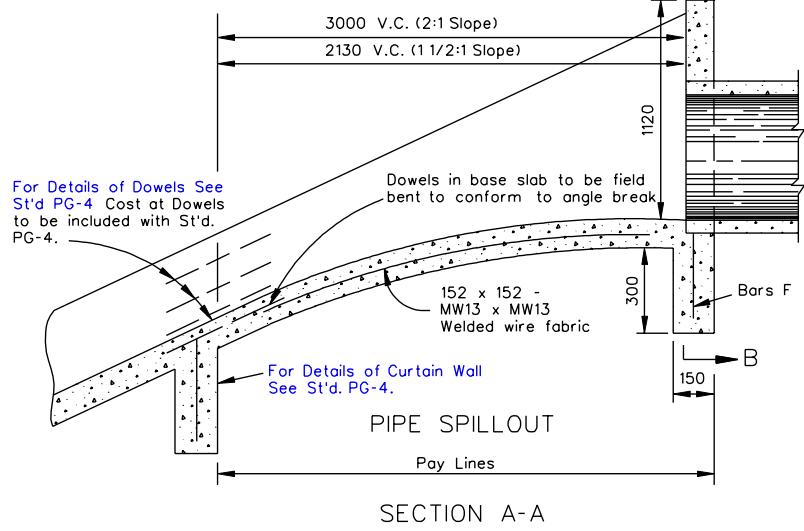
MARK	NO.	LENGTH		SIZE	SPACING C-C	SHAPE
		2:1	1 1/2:1			
F	5	300	300	#13	100	Straight
G	*	1620	1620	#13	100	Bent
L	22	600		#10	300	Bent
L	16		600	#10	300	Bent

APPROXIMATE QUANTITIES

Pipe Spillout	Slope	Class 20 Concrete		Reinforcing Steel
		Cu. meters		kg.
Pipe Spillout	2:1	‡	1.034	*
	1 1/2:1	‡	0.793	*

‡ Quantities based on 750 mm pipe.

Note:
Dowels to be located at all required joints.



SPECIFICATION REFERENCE
302

STANDARD PIPE SPILLOUT
FOR 525 - 750 mm PIPE CULVERTS

VIRGINIA DEPARTMENT OF TRANSPORTATION

UNLESS OTHERWISE NOTED, ALL DIMENSIONS ON THIS SHEET ARE IN MILLIMETERS