

\* 12" PIPE = 3 BARS - 10.68 LBS. REINFORCING STEEL 15" PIPE = 2 BARS - 7.79 LBS. REINFORCING STEEL 18" PIPE = 2 BARS - 7.79 LBS. REINFORCING STEEL

SCHEDULE OF REINFORCING STEEL								
SCHEDULE OF KEINFORGING STEEL								
MARK	NO.	LENGTH		SIZE	SPACING	SHAPE		
		2:1	11/2:1	SIZE	C-C	SHAPE		
F	5	1'-0''	1'-0''	4	4"	STRAIGHT		
G	*	4'-4''	4'-4''	4	4''	BENT		
L	12	2'-0''		3	12''	BENT		
L	10		2'-0''	3	12"	BENT		

† QUANTITIES BASED ON 18" PIPE.

APPROXIMATE QUANTITIES						
		CLASS A3 CONCRETE CUBIC YARDS	REINFORCING STEEL LBS.			
PIPE	2:1	<b>+</b> 0.482	*			
SPILLOUT	11/2:1	<b>+</b> 0.440	*			

DOWELS TO BE LOCATED AT ALL REQUIRED JOINTS. -BARS G 5' (2:1 SLOPE) 4' (11/2:1 SLOPE) بآت 2'-9" DOWELS IN BASE SLAB TO BE FIELD BENT TO CONFORM TO ANGLE BREAK. FOR DETAIL OF DOWELS SEE STANDARD PG-4 COST OF DOWELS TO BE INCLUDED BARS L @ 12" WITH ST'D. PG-4. -6x6- W2.1xW2.1 WELDED WIRE FABRIC -BARS F -BARS F 6x6- W2.1x W2.1 WELDED WIRE 1'-0" SECTION B-B • 4• • • PAY LINES FOR DETAILS OF CURTAIN WALL SEE ST'D. PG-4. PIPE SPILLOUT SECTION C-C SECTION A-A

-BARS G

SPECIFICATION REFERENCE  $\longrightarrow$   $\bigcirc$ 

PAY LINES

PIPE SPILLOUT
PLAN VIEW

5'-4" (2:1 SLOPE)

4'-4" (1 1/2:1 SLOPE)

STANDARD PIPE SPILLOUT FOR 12" - 18" PIPE CULVERTS