



ARCH DIMENSIONS		SLOPE RATIO OF CULVERT END X : Y	"N" - METRE					INVERT LENGTH OF SLOPE END SEC. METRE
SPAN mm	RISE mm		WITH 3 : 1 SUBGRADE SLOPE RATIO	WITH 4 : 1 SUBGRADE SLOPE RATIO	WITH 5 : 1 SUBGRADE SLOPE RATIO	WITH 6 : 1 SUBGRADE SLOPE RATIO	WITH 8 : 1 SUBGRADE SLOPE RATIO	
450	340	4 : 1	0.0	0.3	0.6	-	-	6.0
		5 : 1	-	0.1	0.4	0.6	1.2	6.0
560	420	4 : 1	0.0	0.4	0.7	-	-	6.0
		5 : 1	-	0.1	0.5	0.9	1.6	6.0
680	500	4 : 1	0.0	0.4	0.9	-	-	6.0
		5 : 1	-	0.2	0.6	1.1	2.0	6.0
800	580	4 : 1	0.0	0.5	1.0	-	-	6.0
		5 : 1	-	0.2	0.6	1.2	2.1	6.0
910	660	4 : 1	0.0	0.5	1.2	-	-	6.0
		5 : 1	-	0.2	0.8	1.5	2.3	6.0
1030	740	4 : 1	0.0	0.5	1.3	-	-	6.0
		5 : 1	-	0.2	0.8	1.5	2.5	6.0
1150	820	4 : 1	0.0	0.6	1.4	-	-	6.0
		5 : 1	-	0.3	0.8	1.5	3.0	6.0
1390	970	4 : 1	0.0	0.6	1.5	-	-	6.0
		5 : 1	-	0.1	0.8	1.6	3.0	6.0
1630	1120	4 : 1	0.0	0.7	1.5	-	-	6.0
		5 : 1	-	0.1	1.1	2.2	3.7	6.0

### DETERMINING INSTALLATION LENGTH

THE LENGTH OF PIPE CULVERT TO BE INSTALLED SHALL BE DETERMINED AS FOLLOWS:

- 1.) ESTABLISH THE THEORETICAL LENGTH BASED ON SLOPE STAKE REQUIREMENTS.
- 2.) ADJUST THE THEORETICAL LENGTH BY APPLYING THE END CORRECTION "N" AS DETERMINED FROM THE TABLE TO EACH END OF THE CULVERT.
- 3.) INSTALLATION LENGTH SHALL BE THE LENGTH DETERMINED IN "2" ABOVE, ROUNDED OFF TO THE NEAREST METRE.

### SELECTION OF SLOPE RATIO FOR SLOPED END SECTION:

- 1.) A 4 : 1 SLOPED END SECTION SHALL BE USED IN CONJUNCTION WITH SUBGRADE SIDE SLOPES OF 3:1 TO 5:1.
- 2.) A 5 : 1 SLOPED END SECTION SHALL BE USED IN CONJUNCTION WITH SUBGRADE SIDE SLOPES OF 5:1 TO 8:1.

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	Revision	
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ARCHED CORRUGATED STEEL PIPE  
SLOPED END INSTALLATIONS

SUPERSEDED