



NOTE:
THE MATERIAL USED IN THIS CULVERT MAY BE POLYVINYL CHLORIDE OR POLYETHYLENE. THE PIPE MAY BE ANNULARLY OR SPIRALLY RIBBED.

ANNULAR RIBBED POLYVINYL CHLORIDE (P.V.C.) PIPE
SPIRALLY RIBBED POLYVINYL CHLORIDE (P.V.C.) PIPE

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.

NOTE:
THE SLOPED ENDS FOR PLASTIC PIPE SHALL BE FIELD-CUT.

INSIDE DIAMETER - "D" mm	SLOPE RATIO OF CULVERT END X:Y	"N" - m				MINIMUM LENGTH OF SECTION FOR SLOPED END "L" - M
		WITH 3:1 SUBGRADE SLOPE RATIO	WITH 4:1 SUBGRADE SLOPE RATIO	WITH 5:1 SUBGRADE SLOPE RATIO	WITH 6:1 SUBGRADE SLOPE RATIO	
400	4 : 1	0.3	0.5	0.8	1.2	FOR PVC PIPE L=4.0
500	4 : 1	0.3	0.6	0.9	1.5	
600	4 : 1	0.3	0.6	1.0	1.6	FOR CPP PIPE L=6.0
750	4 : 1	0.4	0.8	1.3	2.1	
900	4 : 1	0.5	1.0	1.6	2.5	

△	DETAIL ADDED	BK	06/93
△	SAW CUT, MINIMUM "L" NOTES ADDED	BK	05/93
No.	REVISIONS	BY	DATE

Approved:
ORIGINAL SIGNED BY FAIGAN
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Director,
Design Engineering Branch
Albera
TRANSPORTATION AND UTILITIES

Date: February 27, 1993

SLOPED END INSTALLATIONS FOR PLASTIC CULVERTS
SUPERSEDED
March 01, 2022

Prepared By: B.R.	Checked By: BK	Scale: N.T.S.	Dwg No.: CB6-2.4M9
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