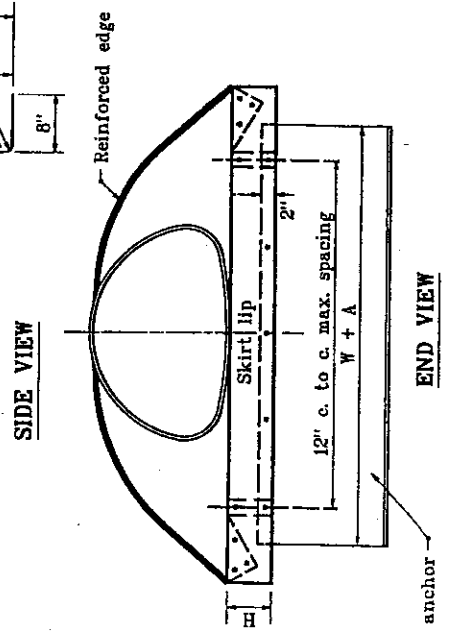
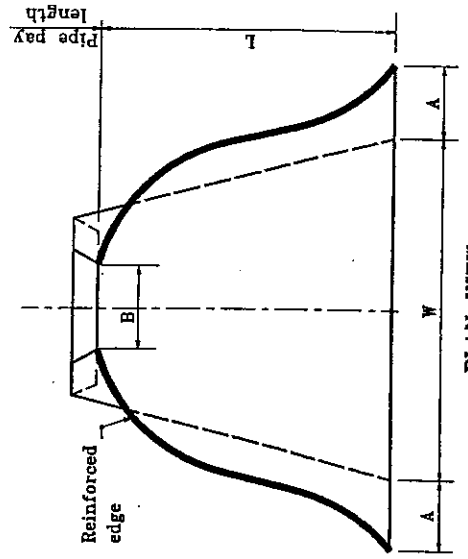
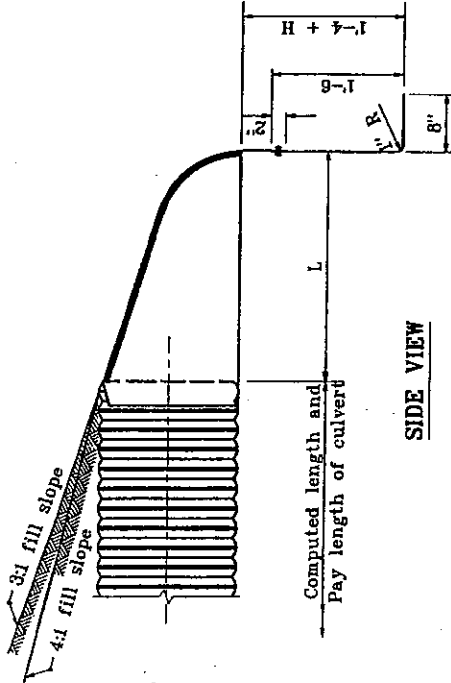


PIPE-ARCH DIMENSIONS	END SECTION THICK. (in.)	DIMENSIONS						APPROX. SLOPE	BODY
		A	B	H	L	W	(±2")		
		(±1")	(Max.)	(±1")	(±1½")	(±2")			
SPAN RISE	(in.)								
17	.064	7	9	6	19	30	2½:1	1 Pc.	
21	.064	7	10	6	23	36	2½:1	1 Pc.	
24	.064	8	12	6	28	42	2½:1	1 Pc.	
28	.064	9	14	6	32	48	2½:1	1 Pc.	
35	.079	10	16	8	39	60	2½:1	1 Pc.	
42	.079	12	18	9	46	75	2½:1	1 Pc.	



INDIANA DEPARTMENT OF TRANSPORTATION
METAL PIPE ARCH
END SECTION
 JANUARY 1998
 STANDARD DRAWING NO. E 715-MPES-02
 DETAILS PLACED IN THE FORMAT 11-95-99
 L. URBANOVICH
 No. 18095
 STATE OF INDIANA
 PROFESSIONAL ENGINEER
 DATE 11-95-99
 DESIGN STANDARDS ENGINEER
 V. FERDZ ZARADI
 CHIEF HIGHWAY ENGINEER
 DATE 1-98-98
 ORIGINALLY APPROVED
 DESIGN STANDARDS ENGINEER

PLAN VIEW

END VIEW