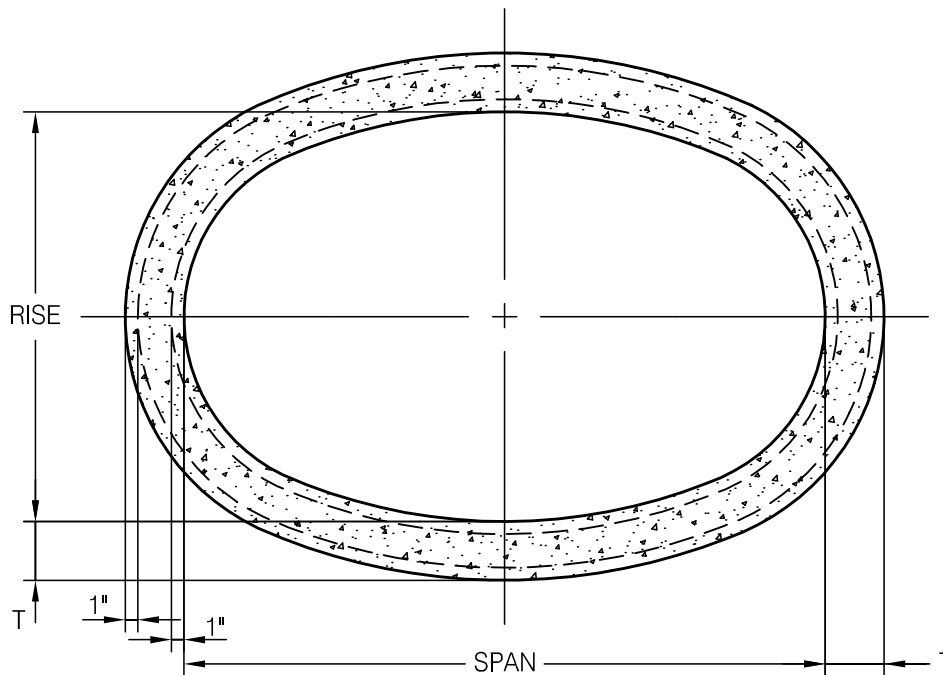


CONCRETE ELLIPTICAL PIPE DESIGN



TYPICAL CROSS SECTION

EQUIVALENT SIZE	RISE	SPAN	WATER AREA	WALL T	WT./FT.
INCHES	INCHES	INCHES	SQ. FT.	INCHES	LBS.
18	14	23	1.8	2 3/4	200
24	19	30	3.3	3 1/4	310
30	24	38	5.1	3 3/4	450
36	29	45	7.4	4 1/2	645
42	34	53	10.2	5	835
48	38	60	12.9	5 1/2	1050
54	43	68	16.6	6	1285
60	48	76	20.5	6 1/2	1550
66	53	83	24.8	7	1830
72	58	91	29.5	7 1/2	2130
78	63	98	34.6	8	2475
84	68	106	40.1	8 1/2	2830
90	72	113	46.1	9	3210
96	77	121	52.4	9 1/2	3615
102	82	128	59.2	9 3/4	3930
108	87	136	66.4	10	4265
114	92	143	74.0	10 1/2	4725
132	106	166	99.2	12	5965
144	116	180	118	13	7050

Elliptical pipe is manufactured to standard or special strengths in accordance with ASTM Specifications C507.
Flexible compounds may be used for joint sealant.

Copyright © 1999 The Cretex Companies, Inc.
All rights reserved. Information on this document is subject to change without notice.



KANSAS CITY CONCRETE PIPE CO.

SHAWNEE, KANSAS

CONCRETE ELLIPTICAL PIPE
DESIGN

SCALE NOT TO SCALE DATE JAN. 1, 1999 DWG. NO. KCCPELLDESIGN