



STANDARD SPECIFICATIONS
MANUFACTURE
ASTM C1433
AASHTO M 259, M 273

JOINT SPECIFICATIONS
(FLEXIBLE SEALANT)
ASTM C 990

SPAN (FEET)	WATERWAY AREA (SQARE FEET) 6.0 LF SECTION LENGTHS												WALL THICKNESS (INCHES)	HAUNCH (INCHES)	JOINT DEPTH (INCHES)
	3	4	5	6	7	8	9	10	11	12					
6	16	22	28	34									7	12	4.5
7	19	26	33	40	47								8	12	4.5
8	22	30	38	46	54	62							8	12	4.5
9	25	34	43	52	61	70	79						9	12	4.5
10	28	38	48	58	68	78	88	98					10	12	4.5
11	31	42	53	64	75	86	97	108	119				11	12	4.5
12	34	46	58	70	82	94	106	118	130	142			12	12	4.5
13		50	63	76	89	102	115	128					12	12	4.5
14		54	68	82	96	110	124	138					12	12	4.5
15		58	73	88	103	118	133	148					12	12	4.5
16		62	78	94	110	126	142	158					12	12	4.5
17		66	83	100	117	134	151	168					12	12	4.5
18		70	88	106	124	142	160	178					12	12	4.5
19		74	93	112	131	150	169	188					12	12	4.5
20		78	98	118	138	158	178	198					12	12	4.5

SPAN (FEET)	WATERWAY AREA (SQARE FEET) 8.0 LF SECTION LENGTHS								WALL THICKNESS (INCHES)	HAUNCH (INCHES)	JOINT DEPTH (INCHES)
	2	3	4	5	6	7	8				
4	7.1	11.1	15.1					5	8	4.5	
5	9.1	14.1	19.1	24.1				6	8	4.5	
6	11.1	17.1	23.1	29.1	35.1			7	8	4.5	
7	13.1	20.1	27.1	34.1	41.1	48.1		8	8	4.5	
8	15.1	23.1	31.1	39.1	47.1	55.1	63.1	8	8	4.5	
9		26.1						9	8	4.5	

- PRECAST RC BOX STRENGTH CLASSIFICATION REQUIREMENTS TO BE DETERMINED BY A QUALIFIED ENGINEER
- ADDITIONAL INFORMATION AVAILABLE UPON REQUEST
- PRODUCT DATA SUBJECT TO CHANGE WITHOUT NOTICE



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DATE: 2-18-09

REINFORCED BOX CULVERT
WATERWAY AREA DETAILS