



18"Ø to 48"Ø HORIZONTAL ELLIPTICAL RCP (Tongue & Groove Joint) w/Inner & Outer Cage Reinforcement							
EQUIV. (Round)	DESIGNATED (Span x Rise)	WALL THICKNESS	JOINT DEPTH	HERCP LENGTH	HERCP CLASS	INNER REINFORCEMENT (Inner Cage) IN ² / LF	OUTER REINFORCEMENT (Outer Cage) IN ² / LF
18"Ø	23" x 14"	3"	2"	6'	HE-III (1350-D)	0.21 (2 x 6-W3.5 x W2.5)	N / A
18"Ø	23" x 14"	3"	2"	6'	HE-IV (2000-D)	0.27 (2 x 6-W4.5 x W2.5)	N / A
24"Ø	30" x 19"	3 1/2"	2"	6'	HE-III (1350-D)	0.27 (2 x 6-W4.5 x W2.5)	N / A
24"Ø	30" x 19"	3 1/2"	2"	6'	HE-IV (2000-D)	0.39 (2 x 6-W6.5 x W3.0)	N / A
30"Ø	38" x 24"	4"	2 1/2"	6'	HE-III (1350-D)	0.24 (2 x 6-W4.0 x W2.5)	0.24 (2 x 6-W4.0 x W2.5)
30"Ø	38" x 24"	4"	2 1/2"	6'	HE-IV (2000-D)	0.36 (2 x 6-W6.0 x W2.5)	0.36 (2 x 6-W6.0 x W2.5)
36"Ø	45" x 29"	4 1/2"	2 7/8"	6'	HE-III (1350-D)	0.27 (2 x 6-W4.5 x W2.5)	0.27 (2 x 6-W4.5 x W2.5)
36"Ø	45" x 29"	4 1/2"	2 7/8"	6'	HE-IV (2000-D)	0.39 (2 x 6-W6.5 x W3.0)	0.39 (2 x 6-W6.5 x W3.0)
42"Ø	53" x 34"	5 1/2"	3 1/4"	8'	HE-III (1350-D)	0.36 (2 x 6-W6.0 x W2.5)	0.36 (2 x 6-W6.0 x W2.5)
48"Ø	60" x 38"	5 1/2"	3 3/4"	8'	HE-III (1350-D)	0.42 (2 x 6-W7.0 x W3.0)	0.42 (2 x 6-W7.0 x W3.0)

"X" HERCP (size & class) are included as part of the submittal for the project identified on the cover letter herein.

MATERIALS:

CONCRETE: 4,000 PSI TYPE II/V CEMENT
 CONFORMS TO ASTM C507 & AASHTO M207
 JOINT CONFORMS TO ASTM C990

NOTES:

AVAILABLE IN CLASS HE-III & HE-IV
 REINFORCEMENT SHOWN IS FOR ILLUSTRATION ONLY, ACTUAL CONFIGURATION MAY VARY

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HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE
 TONGUE & GROOVE JOINT 18"Ø TO 48"Ø EQUIVALENT

3.X