



**Section Thru Joint**

30"Ø to 72"Ø RCP (Big Bell Confined 'O'-Ring Joint) w/ Inner & Outer Cage Reinforcement							
Pipe I.D. (Nom.)	WALL THICKNESS	JOINT DEPTH	BELL O.D.	RCP LENGTH	RCP CLASS	INNER REINFORCEMENT (Inner Cage) IN <sup>2</sup> / LF	OUTER REINFORCEMENT (Outer Cage) IN <sup>2</sup> / LF
30"Ø	3 1/2" (B)	4 5/8"	43 1/4"Ø	8'	V (3000-D)	0.42 (2 x 8-W7.0 x W3.0)	0.24 (2 x 8-W4.0 x W2.5)
36"Ø	4" (B)	4 7/8"	50 1/4"Ø	8'	III (1350-D)	0.18 (2 x 8-W3.0 x W2.5)	0.10 (3 x 6-W2.5 x W2.5)
"	"	"	"	8'	IV (2000-D)	0.30 (2 x 8-W5.0 x W2.5)	0.18 (2 x 8-W3.0 x W2.5)
42"Ø	4 1/2" (B)	5 1/4"	58"Ø	8'	III (1350-D)	0.21 (2 x 8-W3.5 x W2.5)	0.14 (3 x 6-W3.5 x W2.5)
"	"	"	"	8'	IV (2000-D)	0.36 (2 x 8-W6.0 x W2.5)	0.21 (2 x 8-W3.5 x W2.5)
48"Ø	5" (B)	5 1/2"	64"Ø	8'	III (1350-D)	0.24 (2 x 8-W4.0 x W2.5)	0.14 (3 x 6-W3.5 x W2.5)
"	"	"	"	8'	IV (2000-D)	0.42 (2 x 8-W7.0 x W3.0)	0.24 (2 x 8-W4.0 x W2.5)
54"Ø	6 1/4" (C)	5 1/2"	70"Ø	8'	III (1350-D)	0.21 (2 x 8-W3.5 x W2.5)	0.14 (3 x 6-W3.5 x W2.5)
"	"	"	"	8'	IV (2000-D)	0.36 (2 x 8-W6.0 x W2.5)	0.21 (2 x 8-W3.5 x W2.5)
60"Ø	6 3/4" (C)	5 1/2"	76"Ø	8'	III (1350-D)	0.24 (2 x 8-W4.0 x W2.5)	0.18 (2 x 8-W3.0 x W2.5)
"	"	"	"	8'	IV (2000-D)	0.42 (2 x 8-W7.0 x W3.0)	0.24 (2 x 8-W4.0 x W2.5)
66"Ø	7 1/4" (C)	5 1/2"	82"Ø	8'	III (1350-D)	0.36 (2 x 8-W6.0 x W2.5)	0.21 (2 x 8-W3.5 x W2.5)
72"Ø	7 3/4" (C)	5 1/2"	88"Ø	8'	III (1350-D)	0.36 (2 x 8-W6.0 x W2.5)	0.21 (2 x 8-W3.5 x W2.5)

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

**MATERIALS:**

CONCRETE: CLASS III & IV - 4,000 PSI TYPE II/V CEMENT  
CLASS V - 6,000 PSI TYPE II/V CEMENT

CONFORMS TO ASTM C76 & AASHTO M170

JOINT CONFORMS TO ASTM C443

**NOTES:**

REINFORCEMENT SHOWN IS FOR ILLUSTRATION ONLY, ACTUAL CONFIGURATION MAY VARY

Napa Plant  
385 Tower Rd  
American Canyon, CA  
94503  
(707) 255-3035



**REINFORCED CONCRETE PIPE**

CONFINED O-RING JOINT 30"Ø TO 72"Ø

3.X