



Section Thru Joint

12"Ø to 30"Ø RCP (Big Bell Confined 'O' Ring Joint) w/ Single Cage Reinforcement

Pipe I.D. (Nom.)	WALL THICKNESS	JOINT DEPTH	BELL O.D.	RCP LENGTH	RCP CLASS	SINGLE REINFORCEMENT (Single Cage) IN ² / LF
12"Ø	2" (B)	3 1/2"	20"Ø	6'	V (3000-D)	0.10 (3 x 6-W2.5 x W2.5)
15"Ø	2 1/4" (B)	3 5/8"	24"Ø	8'	III (1350-D)	0.07 (3 x 6-W1.75 x W3.0)
"	"	"	"	"	IV (2000-D)	0.10 (3 x 6-W2.5 x W2.5)
"	"	"	"	"	V (3000-D)	0.14 (3 x 6-W3.5 x W2.5)
18"Ø	2 1/2" (B)	3 5/8"	28"Ø	8'	III (1350-D)	0.07 (3 x 6-W1.75 x W3.0)
"	"	"	"	"	IV (2000-D)	0.14 (3 x 6-W3.5 x W2.5)
"	"	"	"	"	V (3000-D)	0.21 (2 x 6-W3.5 x W2.5)
21"Ø	2 3/4" (B)	3 7/8"	31 3/4"Ø	8'	III (1350-D)	0.07 (3 x 6-W1.75 x W3.0)
"	"	"	"	"	IV (2000-D)	0.21 (2 x 6-W3.5 x W2.5)
"	"	"	"	"	V (3000-D)	0.24 (2 x 6-W4.0 x W2.5)
24"Ø	3" (B)	3 7/8"	35 1/2"Ø	8'	III (1350-D)	0.07 (3 x 6-W1.75 x W3.0)
"	"	"	"	"	IV (2000-D)	0.27 (2 x 8-W4.5 x W2.5)
"	"	"	"	"	V (3000-D)	0.30 (2 x 8-W5.0 x W2.5)
30"Ø	3 1/2" (B)	4"	43 1/4"Ø	8'	III (1350-D)	0.18 (2 x 6-W3.0 x W2.5)
"	"	"	"	"	IV (2000-D)	0.36 (2 x 8-W6.0 x W2.5)
33"Ø	3 3/4" (B)	4"	47 1/4"Ø	8'	III (1350-D)	0.21 (2 x 6-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 12"Ø TO 36"Ø

3.X