

REINFORCED CONCRETE RECTANGULAR CHANNEL

WALL RADIUS FEET	MAX. LENGTH WALL CHORD FEET
LESS THAN 50	SMOOTH CURVE
50 TO 90	2
91 TO 400	4
401 TO 600	8
601 TO 1000	16
1001 TO 3000	24
GREATER THAN 3000	50

REINFORCED CONCRETE BOX

WALL RADIUS FEET	MAX. LENGTH WALL CHORD FEET
LESS THAN 45	SMOOTH CURVE
45 TO 90	8
91 TO 200	16
201 TO 600	24
GREATER THAN 600	50

NOTE:

1. THE CONTRACTOR MAY FORM CURVED STRUCTURES IN ACCORDANCE WITH THE ABOVE CRITERIA UNLESS OTHERWISE SPECIFIED ON THE PROJECT DRAWINGS. MAXIMUM LENGTH OF WALL CHORD SHALL BE BASED ON THE INSIDE WALL RADIUS. CHORD LENGTH SHALL BE UNIFORM THROUGHOUT EACH CURVE.
2. PROPOSED FORMING ON CURVES SHALL BE APPROVED BY THE DISTRICT PRIOR TO CONSTRUCTION.



RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	
APPROVED BY: <i>Warren D. Will Lays</i>	
CHIEF ENGINEER	
DATE: April 5, 2004	R.C.E. NO. 32336

MAXIMUM
CHORD LENGTHS FOR
CURVED SECTIONS

STANDARD DRAWING NUMBER M819