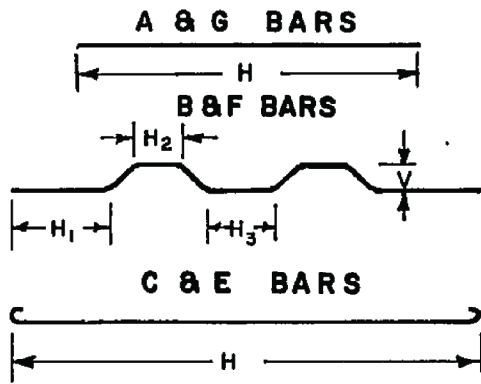
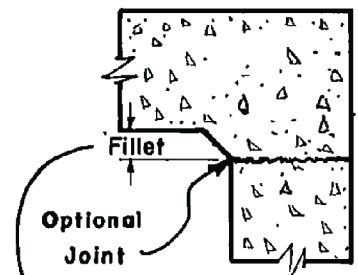


DATA	DETAIL SCHEDULE			
	A	B	C	D
DESIGN COVER				
WIDTH S				
HEIGHT				
TOP SLAB T <sub>1</sub>				
SIDE WALLS T <sub>2</sub>				
BOTTOM SLAB T <sub>3</sub>				
A - BARS				
H				
B - BARS				
H <sub>1</sub>				
H <sub>2</sub>				
H <sub>3</sub>				
V				
C - BARS				
H				
Z - BARS				
V				
E BARS				
H				
F BARS				
H <sub>1</sub>				
H <sub>2</sub>				
H <sub>3</sub>				
V				
G - BARS				
H				
DISTRIBUTION BARS				
NO.				
LONGITUDINAL BARS				
NO.				
CONCRETE CY/LF				
STEEL LBS/LF				

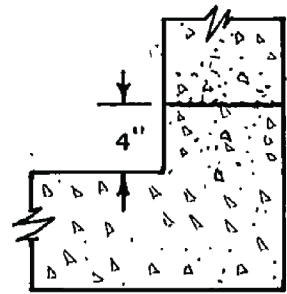
LOCATION SCHEDULE		
STATIONS		
FROM	TO	BOX



**BAR DIAGRAM**

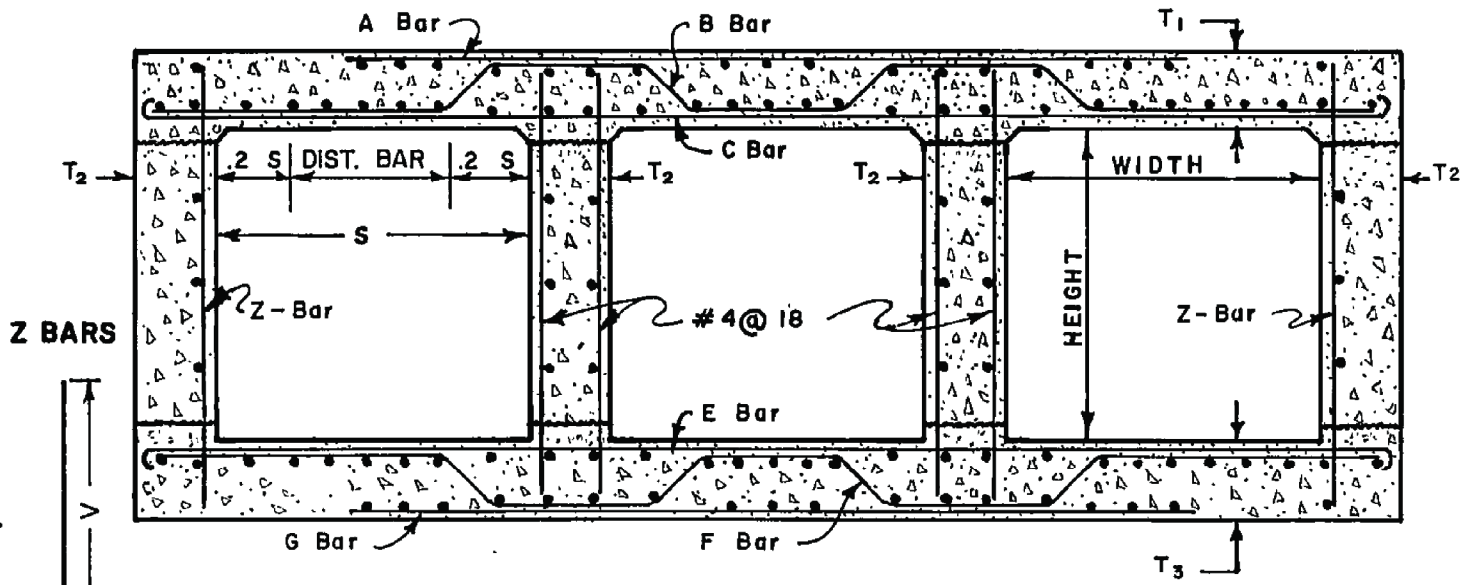


**TOP JOINT**



**BOTTOM JOINT**

Optional Fillet 3/4"  
Min. To 6" Max.



**TYPICAL SECTION**

**NOTES**

1. Structural concrete shall be Class "A".
2. All longitudinal bars shall be #4 @ 18 inches unless otherwise noted. Place bars in top and bottom slabs symmetrically about cell centerline. Place bars in walls symmetrically about mid-height of walls. Distribution bars are in addition to the longitudinal bars.
3. Clear cover for steel shall be 2 inches for top slab and side walls and 3 inches for each face of bottom slab.
4. Steel is dimensioned to back of bar bend.
5. For construction on curves, straight transverse bars in top and bottom slabs shall be aligned radially with spacing measured at the centerline of the outside cell. For straight bars and L-bars in walls, spacing shall be measured between the vertical legs of bars.
6. All transverse construction joints shall be in a vertical plane normal to the centerline and the spacing thereof shall not exceed 50 feet or be less than 10 feet. Continuous keyways (in both slabs and walls) conforming to longitudinal keyway shown for bottom corner joint will be required at all joints with #4 x 3 feet long dowels at 12 inches spacing placed at the center of sections with 18 inches wrapped to prevent bond. A complete curtain of transverse steel shall be placed 3 inches from each face of the joint and longitudinal steel will not be continuous through the joint.
7. All splices are subject to approval by the Engineer.
8. All quantities shown are approximate.



RIVERSIDE COUNTY FLOOD CONTROL  
AND  
WATER CONSERVATION DISTRICT  
APPROVED BY:  
*Warren D. Williams*  
CHIEF ENGINEER  
DATE: Dec. 18, 2003  
R.C.E. NO. 32336

TRIPLE CELL R.C.B.  
STRUCTURAL DETAILS

STANDARD DRAWING NUMBER BX403