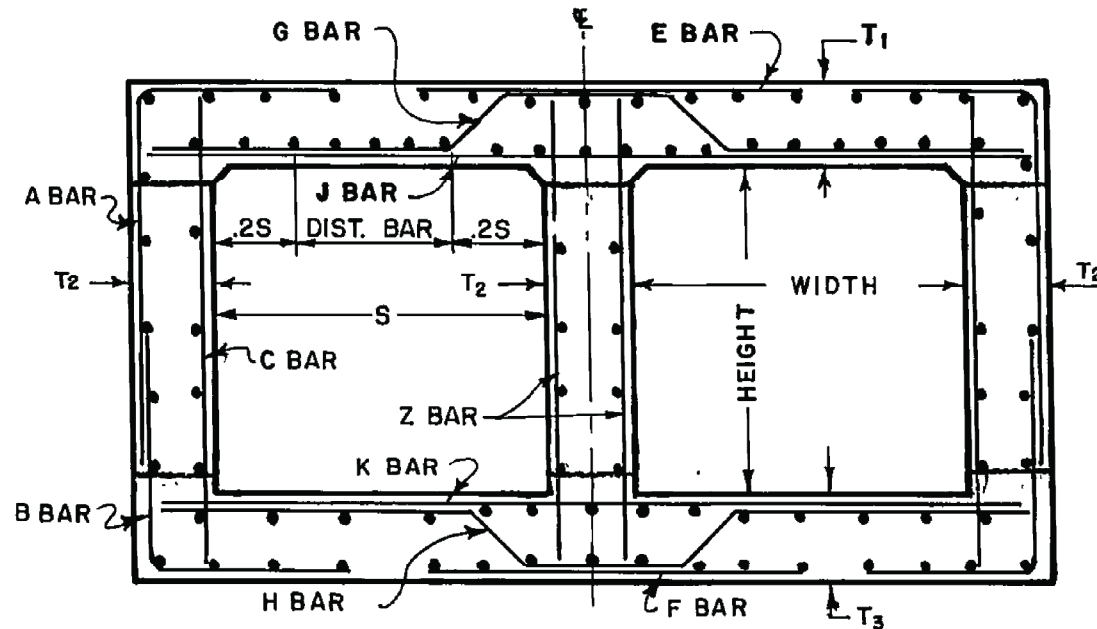
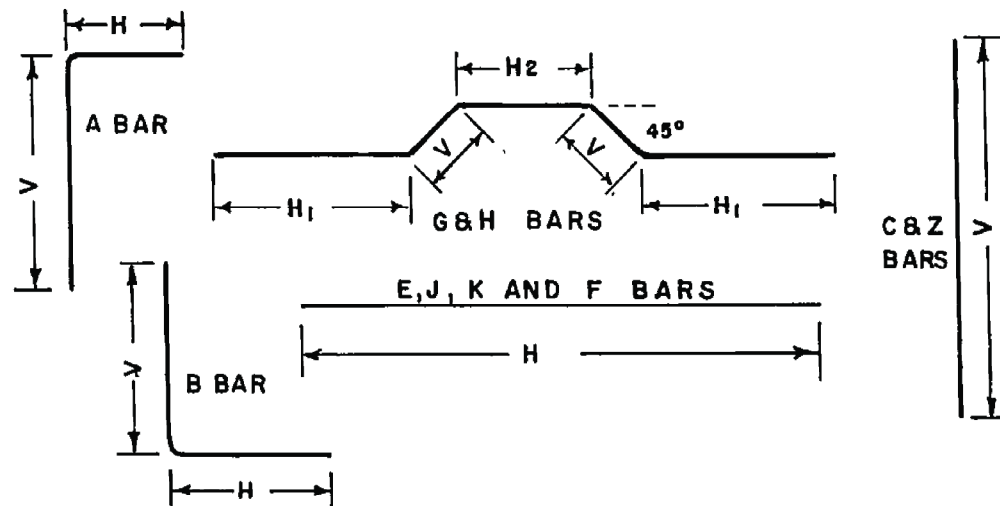


DETAIL SCHEDULE

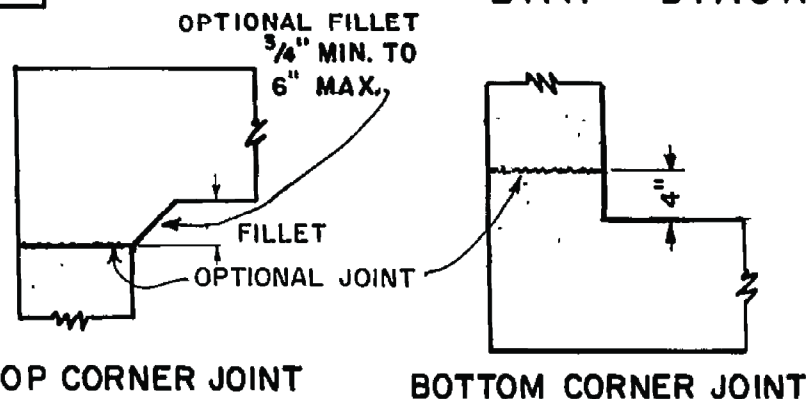
DATA	A	B	C	D
DESIGN COVER				
WIDTH				
HEIGHT				
TOP SLAB				
SIDE WALLS T ₂				
BOTTOM SLAB T ₃				
A BARS				
H				
V				
B BARS				
H				
V				
C BARS				
V				
Z BARS				
V				
E BARS				
H				
J BARS				
H				
K BARS				
H				
F BARS				
H				
G BARS				
H ₁				
H ₂				
V				
H BARS				
H ₁				
H ₂				
V				
DISTRIBUTION BARS				
NO.				
LONGITUDINAL BARS				
NO.				
CONCRETE CY./LF.				
STEEL LBS./LF.				



TYPICAL SECTION



BAR DIAGRAM



TOP CORNER JOINT

BOTTOM CORNER JOINT

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 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 each 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 will be required at all construction joints with #4 x 3 feet long dowels at 12 inches spacing placed at the center of sections with one 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. In addition, 1/2 inch expansion joint filler material shall be placed between reinforced concrete channel and reinforced concrete box sections.
7. All splices are subject to approval by the Engineer.
8. All quantities shown are approximate.

LOCATION SCHEDULE

STATION FROM	TO	BOX



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

DOUBLE CELL R.C.B. STRUCTURAL DETAILS

STANDARD DRAWING NUMBER BX402