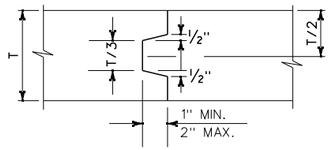
DATA	DETAIL SCHEDULE			
STATION TO STATION				
X				
Y				
HEIGHT				
WALLS T_1				
BOTTOM SLAB T_2				
A BARS				
HORIZ. LENGTH				
SLOPE LENGTH				
B BARS				
HORIZ. LENGTH				
SLOPE LENGTH				
C BARS				
SLOPE LENGTH				
D BARS				
HORIZ. LENGTH				
CONCRETE C.Y./L.F.				
STEEL LBS./L.F.				

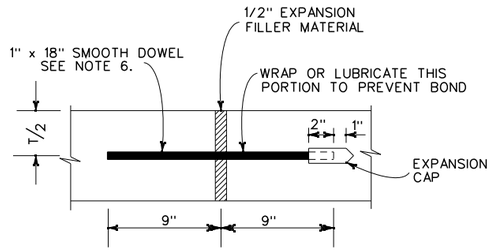
SPLICES			
BAR	LENGTH	SEC.	REMARKS

DESIGN DATA

LIVE LOAD =
SOIL DENSITY =
ALLOWABLE STRESSES:
f'_c =
f_c =
f_y =
f_s =



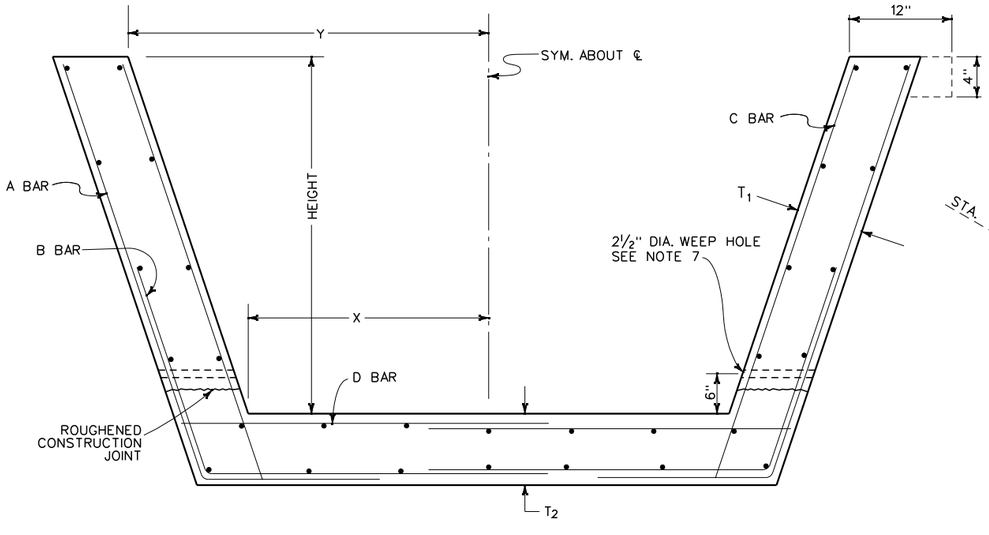
TRANSVERSE CONSTRUCTION JOINT
DETAIL A



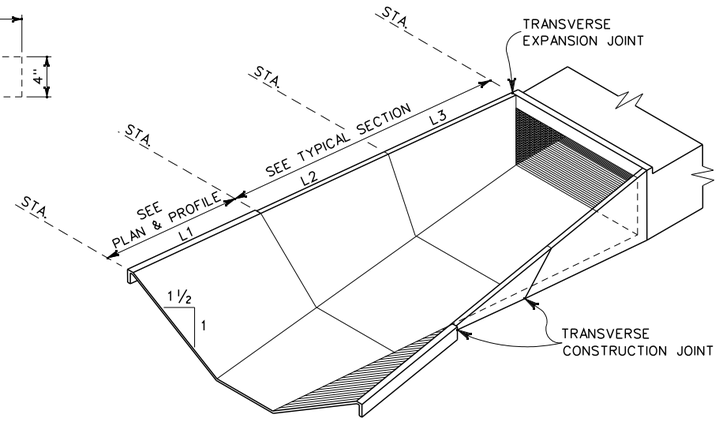
TRANSVERSE EXPANSION JOINT
DETAIL B

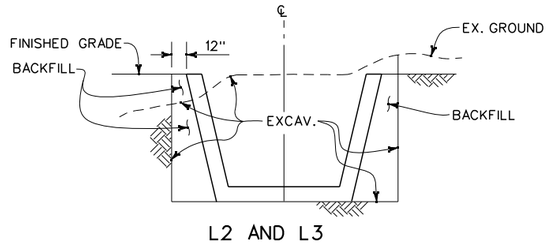
NOTES

1. STRUCTURAL CONCRETE SHALL BE CLASS "A".
2. ALL LONGITUDINAL BARS SHALL BE #4 @ 18 INCHES. PLACE BARS IN BOTTOM SLAB SYMMETRICALLY ABOUT CENTERLINE. PLACE BARS IN WALLS STARTING AT TOP WITH 2 INCHES CLEAR COVER.
3. CLEAR COVER FOR STEEL SHALL BE 2 INCHES EACH FACE FOR WALLS AND 3 INCHES EACH FACE FOR BOTTOM SLAB.
4. STEEL IS DIMENSIONED TO BACK OF BAR BEND.
5. FOR CONSTRUCTION ON CURVES, STRAIGHT TRANSVERSE BARS IN THE SLAB SHALL BE ALIGNED RADIALLY WITH SPACING MEASURED AT WALLS. FOR L-BARS IN WALLS, SPACING SHALL BE MEASURED BETWEEN VERTICAL LEGS OF BARS.
6. ALL TRANSVERSE CONSTRUCTION JOINTS SHALL BE IN A VERTICAL PLANE NORMAL TO THE CENTERLINE. CONTINUOUS KEYWAYS SHALL BE CONSTRUCTED AS SHOWN IN DETAIL A. A COMPLETE CURTAIN OF TRANSVERSE STEEL SHALL BE PLACED 3 INCHES FROM EACH FACE OF THE JOINTS AND LONGITUDINAL STEEL WILL NOT BE CONTINOUS THROUGH THE JOINTS. AN EXPANSION JOINT SHALL BE CONSTRUCTED BETWEEN THE REINFORCED CONCRETE TRANSITION AND REINFORCED CONCRETE BOX SECTIONS AS SHOWN DETAIL B. DOWELS SHALL BE PLACED AT 18 INCH SPACING CENTERED IN THE MIDDLE OF THE BOTTOM SLAB AND THE TOP THIRD OF SIDE WALLS. A MINIMUM OF 3 DOWELS PER SLAB AND WALLS SHALL BE PLACED.
7. WEEPHOLES SHALL BE FORMED IN BOTH WALLS PER STD. CH326 AT A SPACING OF 10 FEET.
8. ALL QUANTITIES SHOWN ARE APPROXIMATE.
9. ALL SPLICES ARE SUBJECT TO APPROVAL BY THE ENGINEER.
10. SECTION L1 PAY LIMIT PER STANDARD CH326.
11. THE LENGTH OF SECTIONS L1, L2 AND L3 ARE NOT NECESSARILY EQUAL. THE TOP OF TRANSITION SHALL BE STRAIGHT ALONG ITS ENTIRE LENGTH.



TYPICAL SECTION
NTS





L2 AND L3
PAY LINES

* STANDARD FORMAT TO BE USED AS FULL SIZE DRAWING

REINFORCING BAR SPACING FOR STRUCTURAL WALL SECTIONS SHALL NOT BE GREATER THAN 6" E.W. FOR AIR PLACED CONCRETE CONSTRUCTION.

REGISTERED PROFESSIONAL ENGINEER
WARREN D. WILLIAMS
No. 32336
Exp. 12-31-06
CIVIL
STATE OF CALIFORNIA

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

APPROVED BY:
CHIEF ENGINEER
DATE: JAN. 10, 2005
R.C.E. NO. 32336

TRANSITION STRUCTURAL DETAILS

STANDARD DRAWING NUMBER CH329