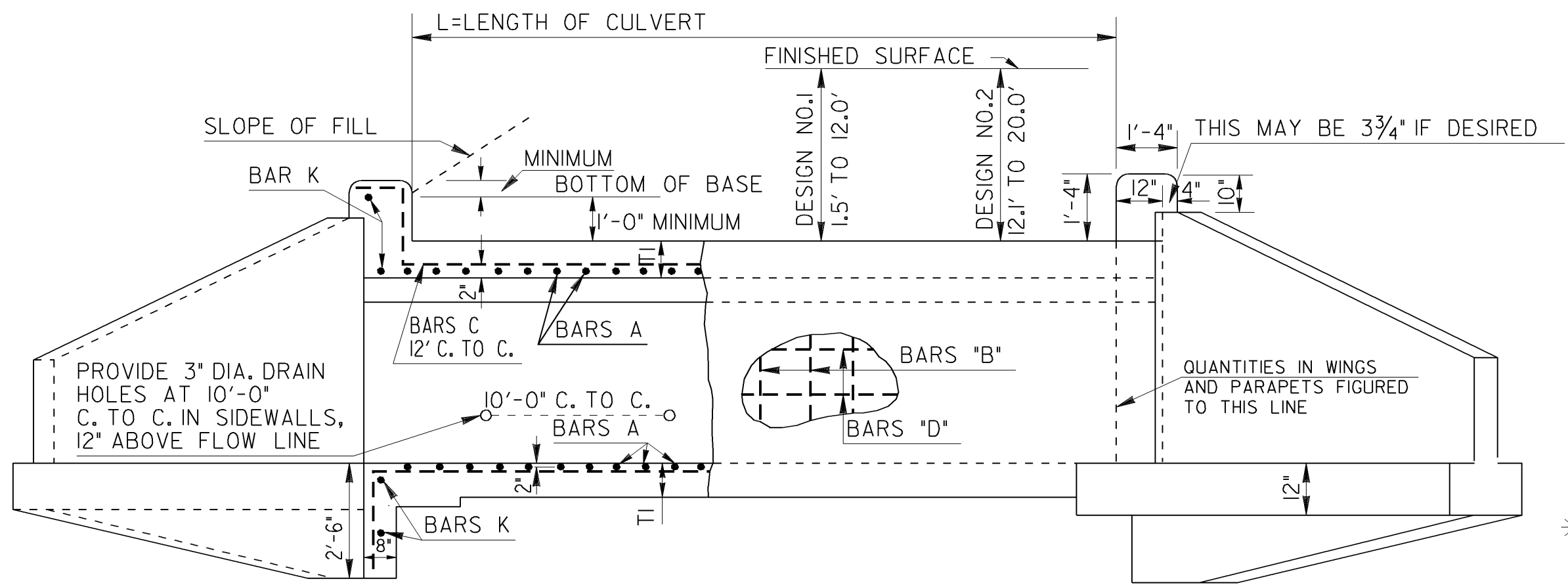
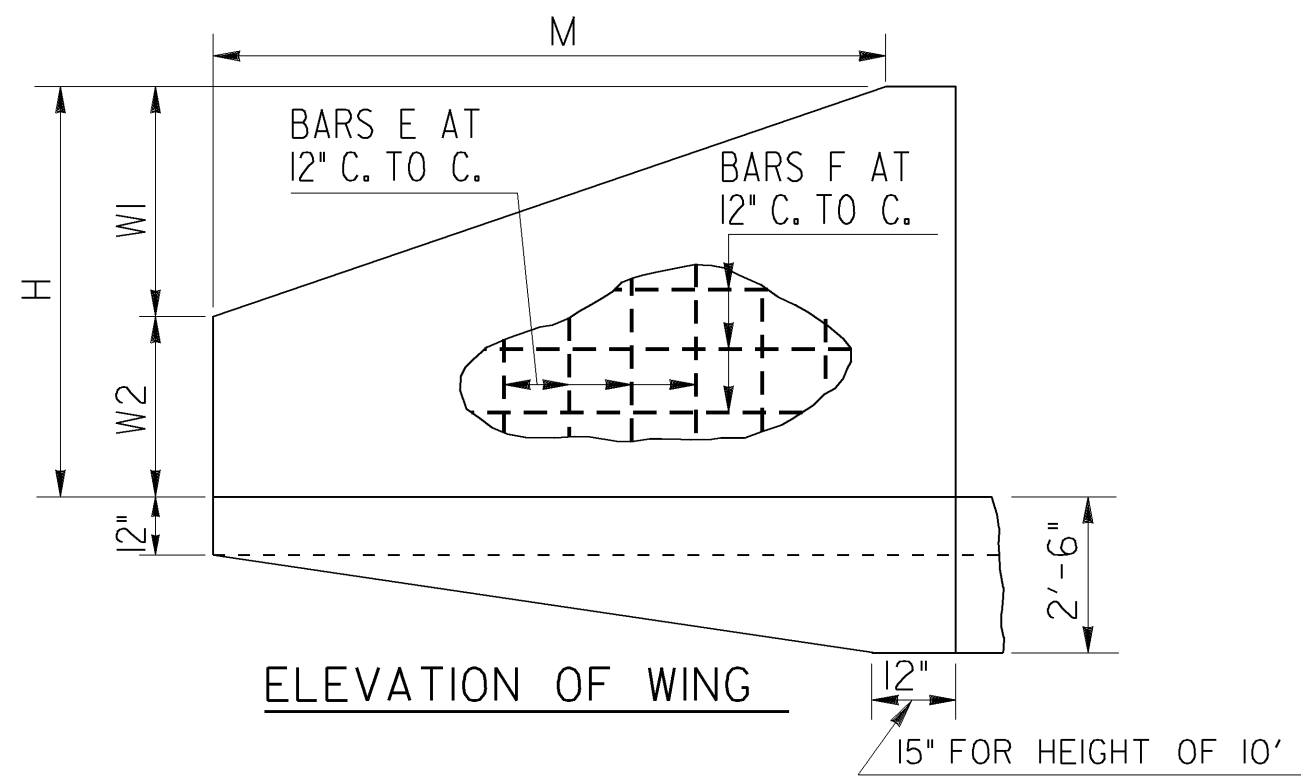
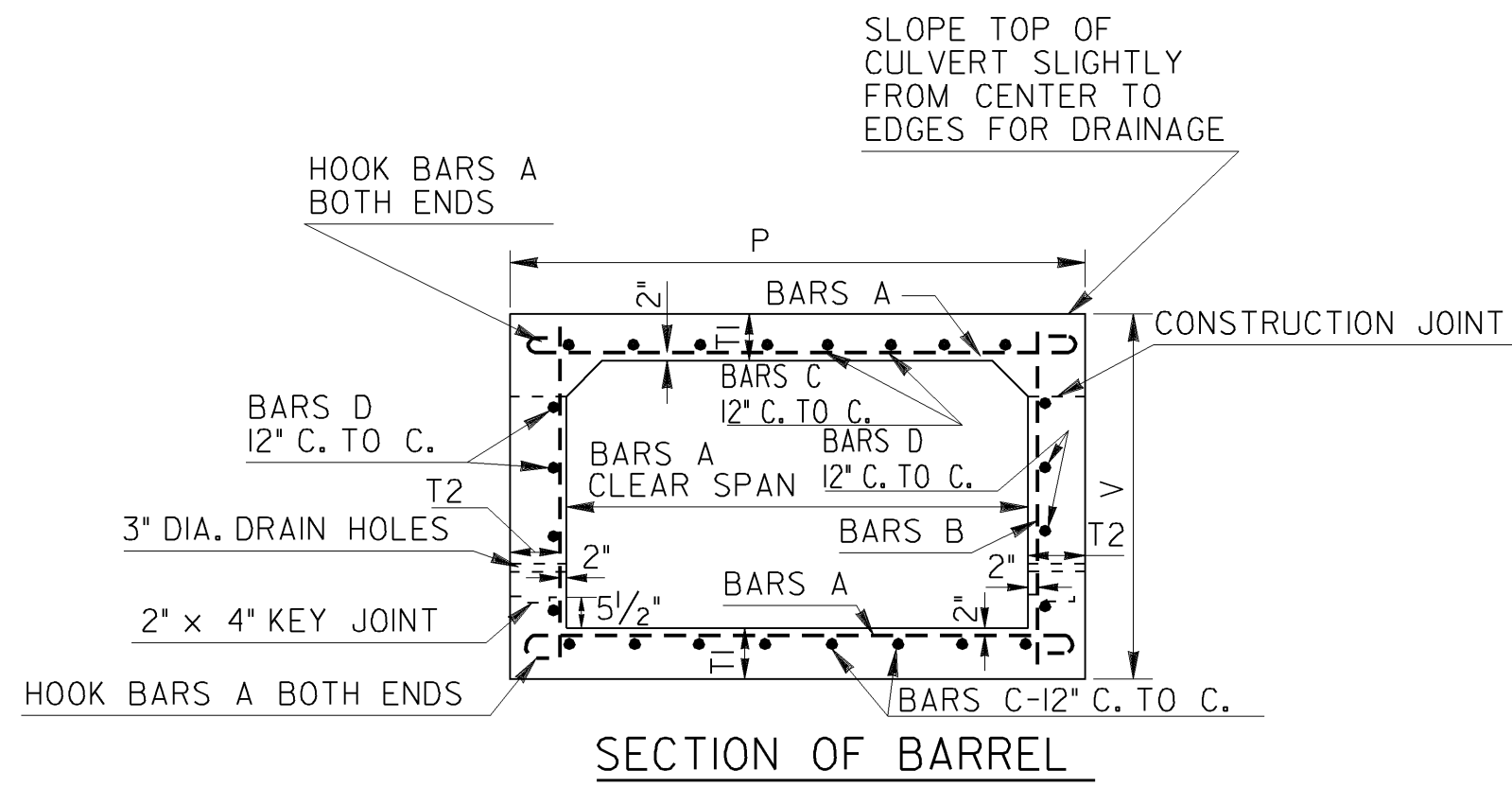
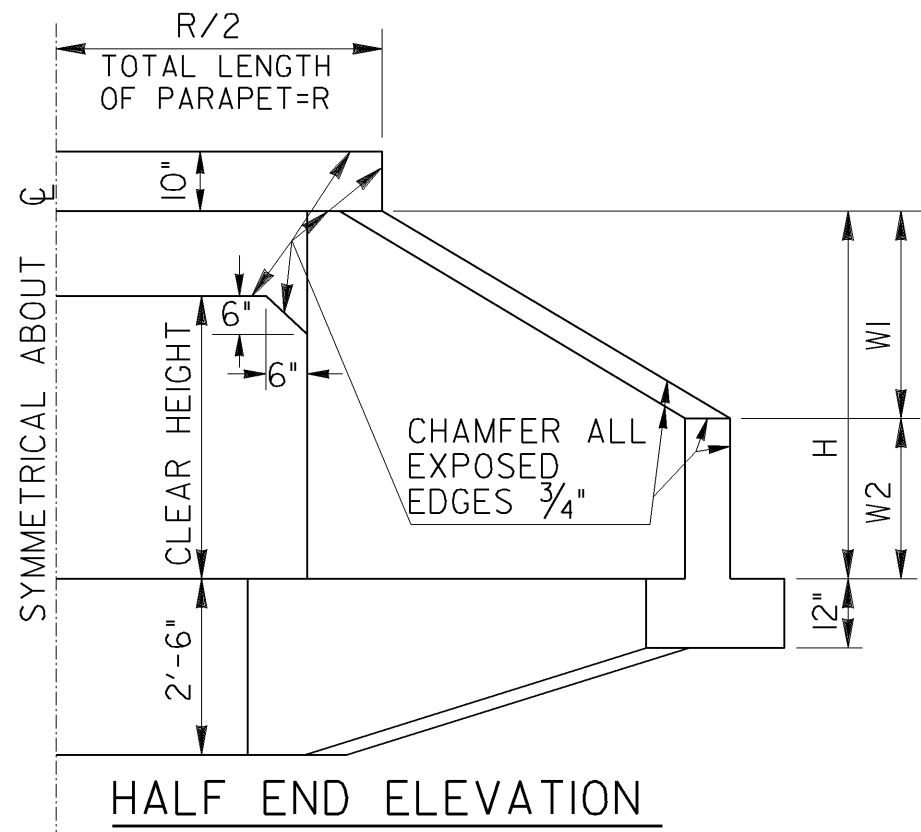
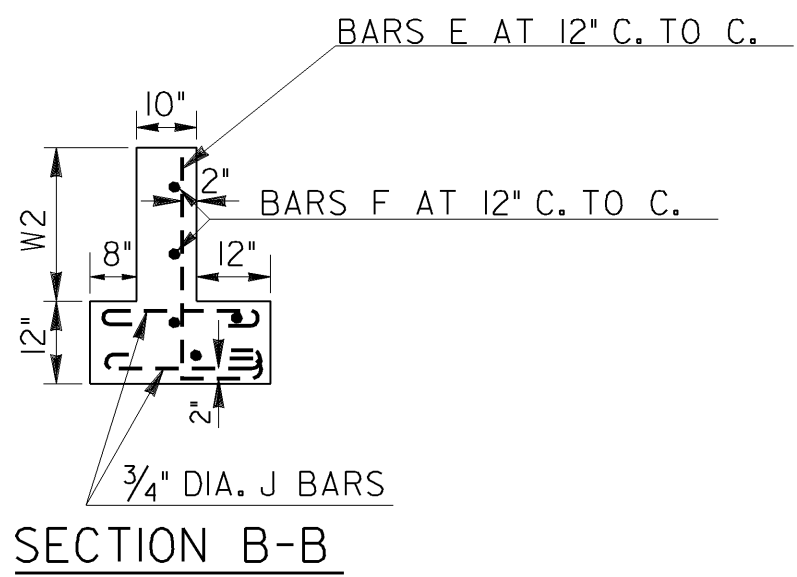
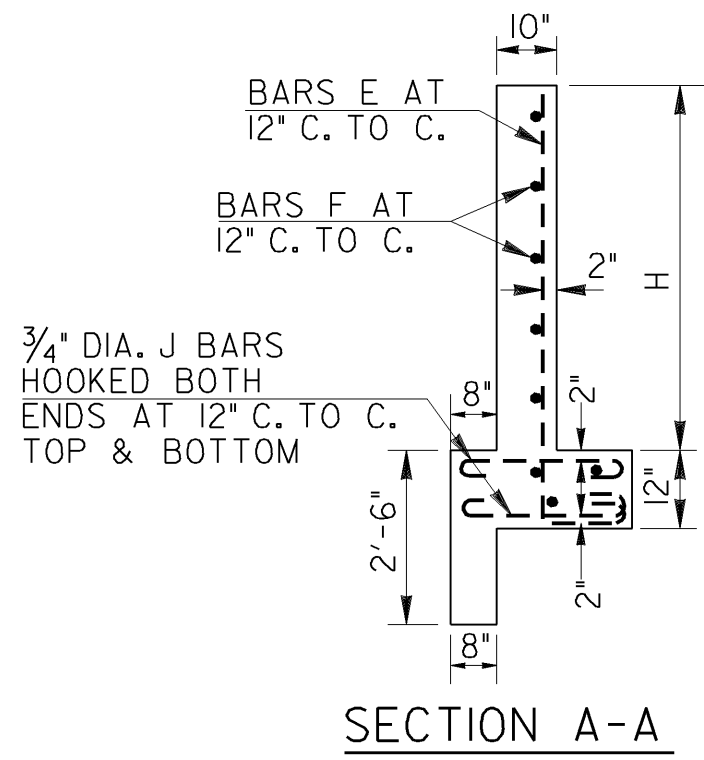
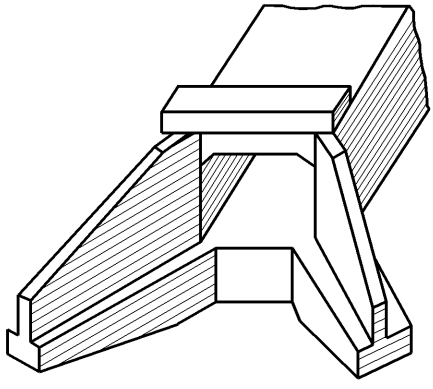


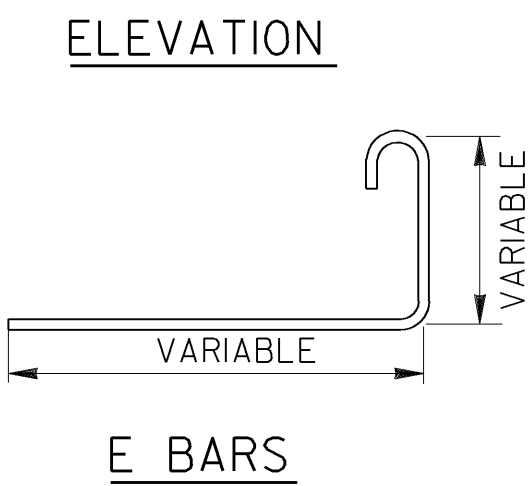
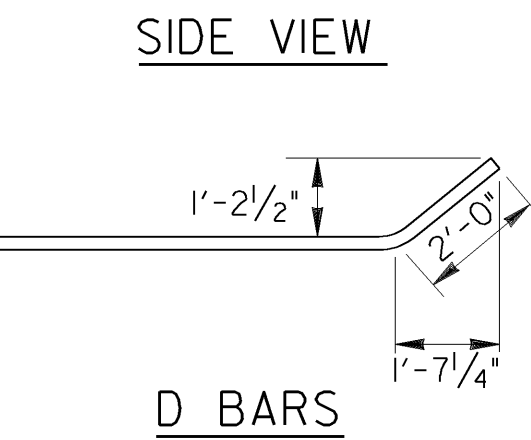
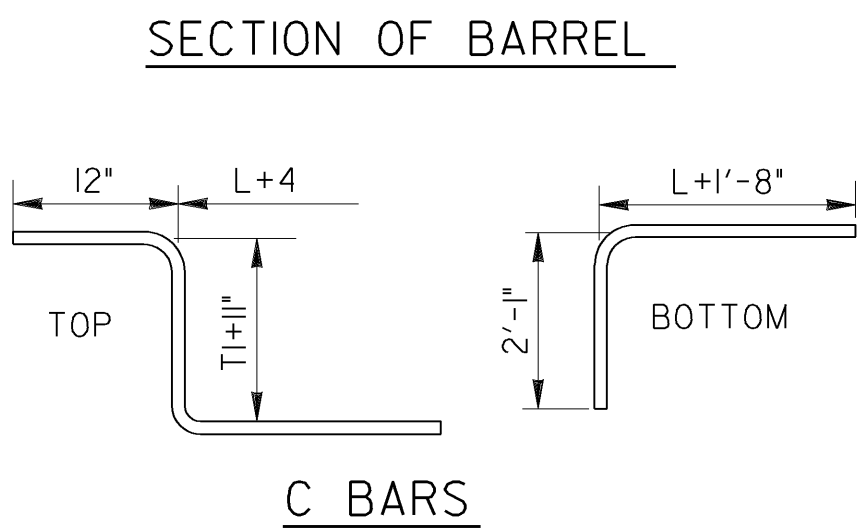
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



DESIGN DATA
LOADING-TYPICAL H-20 S16-44 AND/OR MILITARY SPECIFICATIONS-A.A.S.H.O. 1957, T 58
* HEIGHT OF PARAPET ABOVE CULVERT TOP SHALL BE 1'-4" FOR DESIGN I BARRELS AND REDUCED PROPORTIONATELY FOR INCREASED TOP SLAB THICKNESS OF HIGHER DESIGNS TO PROVIDE THE SPECIFIED Z DIMENSION.



- GENERAL NOTES:
1. CHAMFER-CHAMFER ALL EXPOSED EDGES 3/4".
 2. CONCRETE APRONS (SEPARATE STANDARD) ARE REQUIRED AT ALL OUTLETS. THE ENGINEER MAY ALLOW AN EXCEPTION FOR THE BED ROCK CONDITIONS. TOEWALLS UNDER PARAPETS MAY BE MODIFIED AT OUTLETS AS SHOWN ON STANDARD DETAIL FOR CONCRETE APRONS.
 3. QUANTITIES FOR STEEL SHOWN ARE COMPUTED CONSIDERING ALL A,B,C,D,G AND H BARS AS PART OF BARREL QUANTITIES. STEEL PER LIN. FT. IS AN AVERAGE VALUE FOR A CULVERT OF 40' LENGTH ALLOWING ONE LAP IN LONGITUDINAL BARS.
 4. PARAPETS AT INLETS SHALL BE CONSTRUCTED WITH A 4"/45° BEVEL.
 5. COVER-CULVERT TO HAVE MINIMUM OF 1.0' BELOW BOTTOM OF BASE OR CONCRETE PAVEMENT.



DATE		STATE HIGHWAY BOARD OF GEORGIA	
REVISION		BRIDGE DEPARTMENT	
BY		STANDARD REINFORCED CONCRETE BOX CULVERTS	
		SINGLE 7'x4' TO SINGLE 9'x10'	
		FOR DEPTHS OF FILL UP TO 20 FT.	
		NO SCALE	
		REV. & REDR. NOV., 2001	
		DESIGNED (SUBMITTED) <i>James A. Kaniel</i>	
		TRACED (STATE ROAD & AIRPORT DESIGN ENGINEER)	
		CHECKED (APPROVED) <i>Paul L. Conley</i>	
		REVISED CHIEF ENGINEER	
		NUMBER 2323	
		SHEET 2 OF 2	