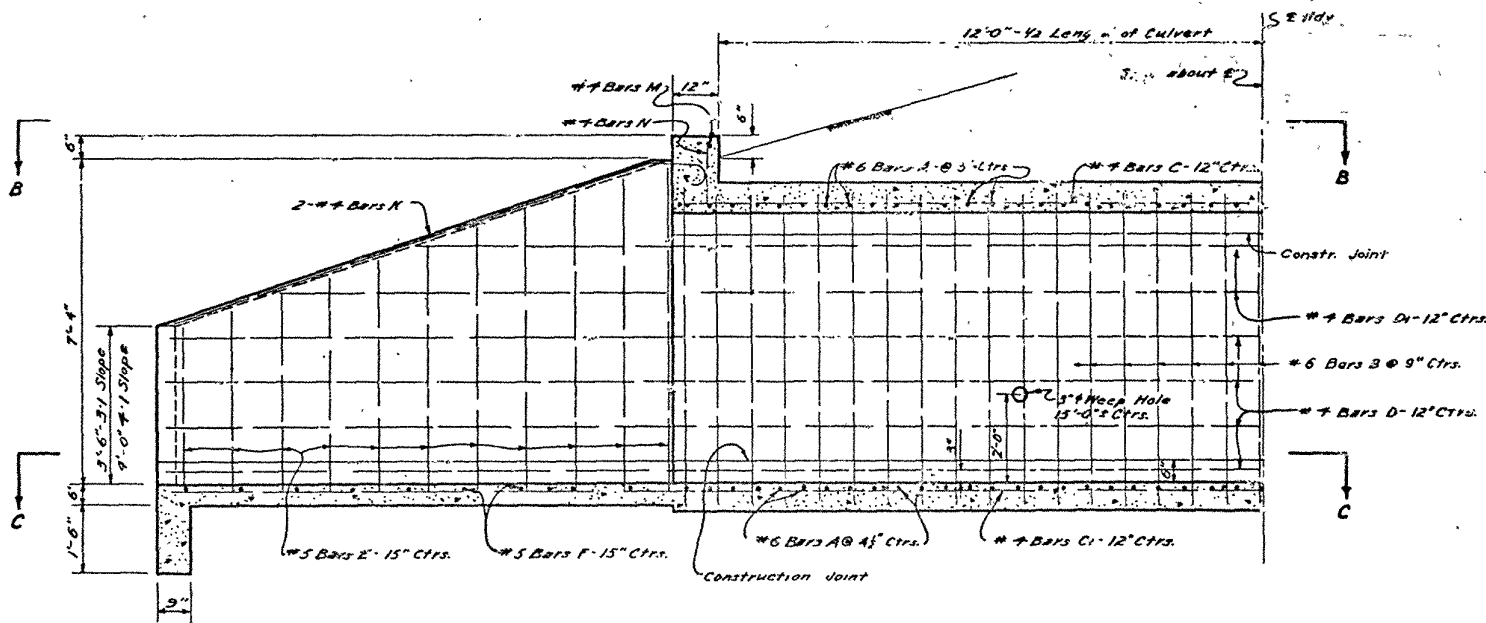
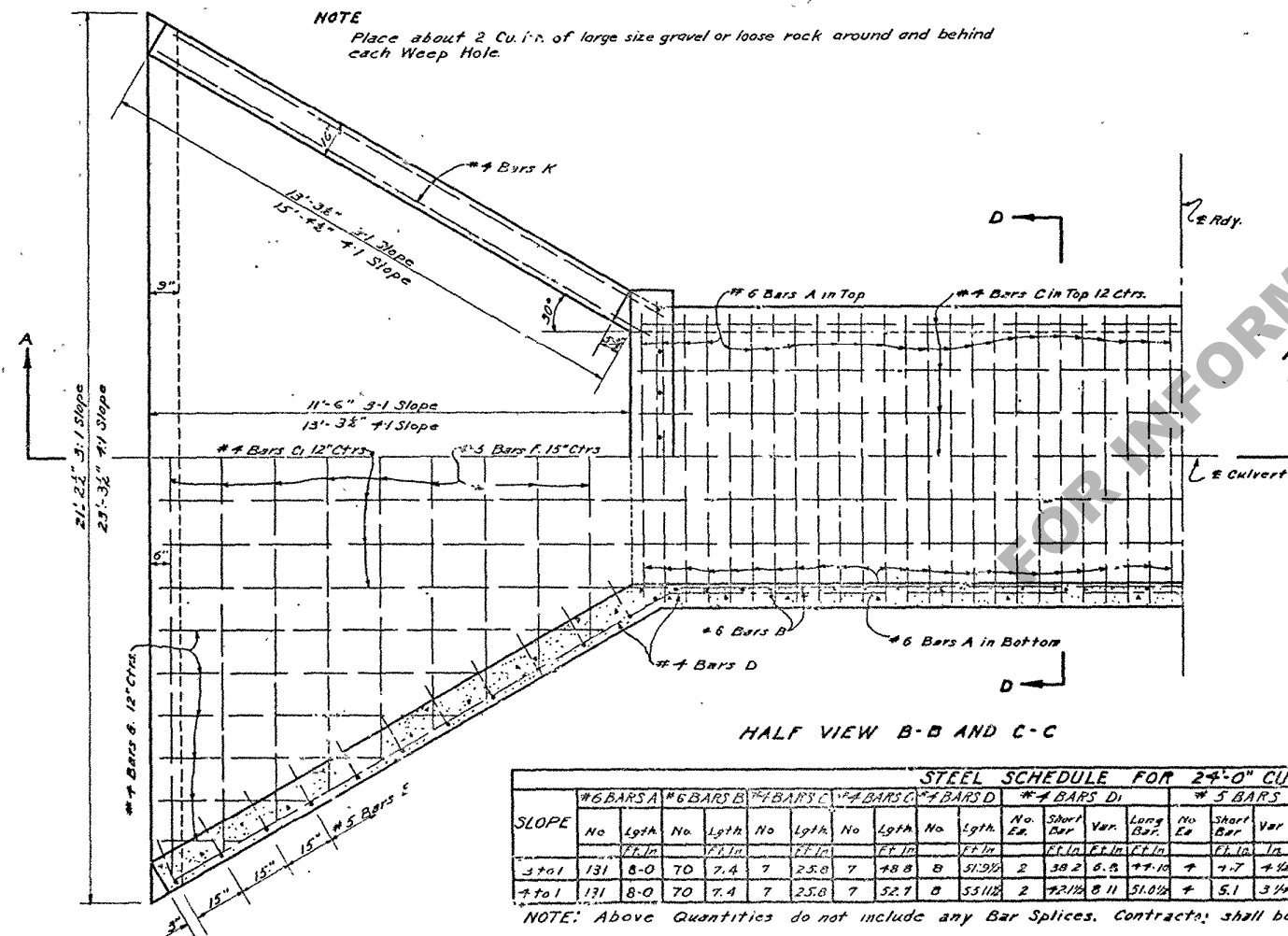




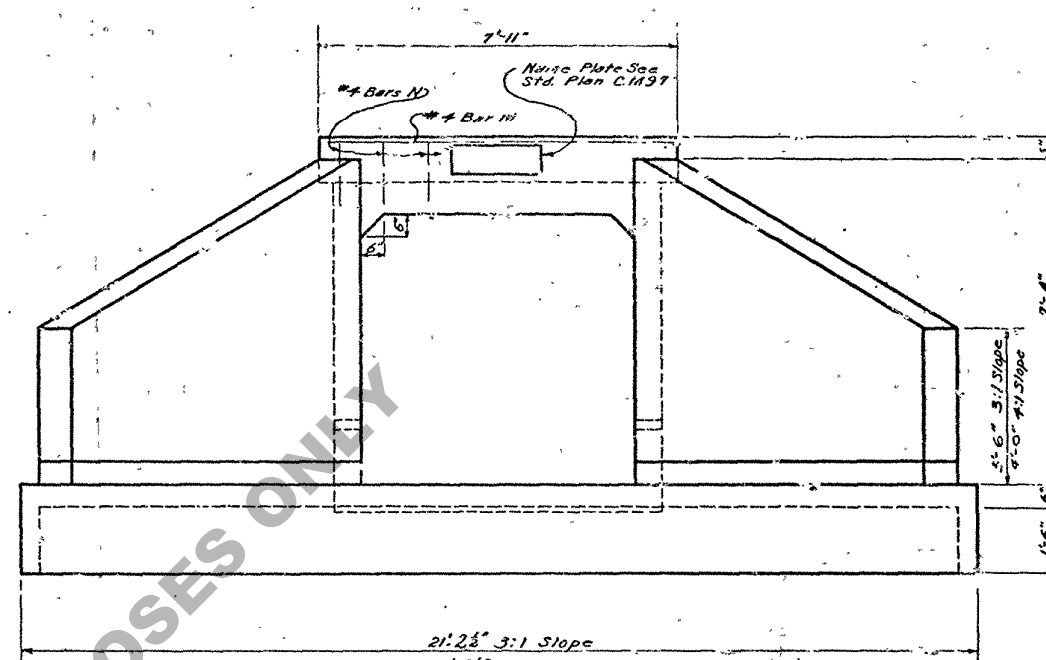
VIEW A-A

NOTE
Bars C-D-E-F-G-H-I-J-K-L-M-N to be continuous from Wing to Wing up to 10'-0" length. Over 10'-0" they may be spliced within the Barrel but never at junction of wing and Barrel.

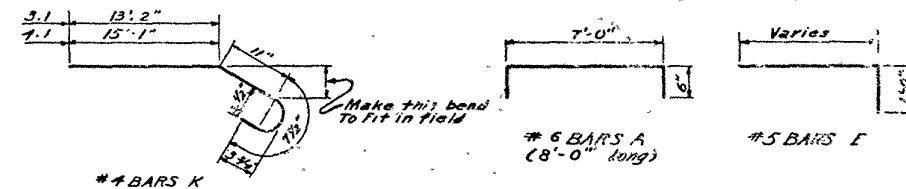
NOTE
Place about 2 Cu. ft. of large size gravel or loose rock around and behind each Weep Hole.



HALF VIEW B-B AND C-C



END VIEW



SECTION D-D

GENERAL NOTES

Design Specs. Latest applied La. Hwy. Dept. Std. Specs. Design Specs. A.A.S.H.O. 1953 as amended to Dec. 31, 1955. Live Load: 1120:55:4' (Modified). All Concrete to be Class A. All exposed corners to have 3" chamfer unless otherwise noted. Reinforcement shall be Intermediate or Hard Grade A.S.T.M. A15, or Rail Steel A.S.T.M. A16, conforming to A.S.T.M. A305. Dimensions relating to Reinforcing Steel are to bar centers. For Details of Expansion and construction Joints, see Std Plan CM-49.

QUANTITIES FOR 24'-0" CULVERT		
SLOPE	REIN. STEEL	CONCRETE
3:1	3856 LBS.	37.08 CU. YDS.
4:1	4097 LBS.	40.60 CU. YDS.
FIN. STEEL PER LIN. FT. BBL. 107.62 LBS.		
CONC. PER LIN. FT. BBL. 0.7582 CU. YDS.		

STEEL SCHEDULE FOR 24'-0" CULVERT																								
SLOPE	#6 BARS A		#6 BARS B		#4 BARS C		#4 BARS D		#4 BARS E		#4 BARS F		#4 BARS G		#4 BARS H		#4 BARS I		#4 BARS J		#4 BARS K		#4 BARS L	
	No	Lgth	No	Lgth	No	Lgth	No	Lgth	No	Lgth	No	Lgth	No	Lgth	No	Lgth	No	Lgth	No	Lgth	No	Lgth	No	Lgth
	FL	BL	FL	BL	FL	BL	FL	BL	FL	BL	FL	BL	FL	BL	FL	BL	FL	BL	FL	BL	FL	BL	FL	BL
3:1	131	8'-0"	70	7'-4"	7	25'-0"	7	48'-8"	8	51'-9"	2	38'-2"	6	44'-10"	4	7'-7"	4	14'-0"	8	14'-0"	2	7'-7"	16	1'-4"
4:1	171	8'-0"	70	7'-4"	7	25'-0"	7	52'-7"	8	55'-11"	2	42'-11"	8	51'-0"	4	5'-1"	3	14'-0"	8	14'-0"	2	7'-7"	16	1'-4"

NOTE: Above Quantities do not include any Bar Splices. Contractors shall be paid for one .35 diameter Splice for any Bar over 10'-0" in Length.

DISCARDED
RETRACTED
CC# 459.58

MAX. FILL. SLABS = 25'
WALLS = 25'

STANDARD PLAN REIN. CONCRETE BOX CULVERT FLARING WING WALLS 5'x6' OPENING 3:1 SLOPE & 4:1 SLOPE FOR HIGH FILLS			
DATED: May 20, 1957			
STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS			
DESIGNED	DETAILED	TRACED	CHECKED
CHECKED	CHECKED	CHECKED	CHECKED
BRIDGE DESIGN SECTION			