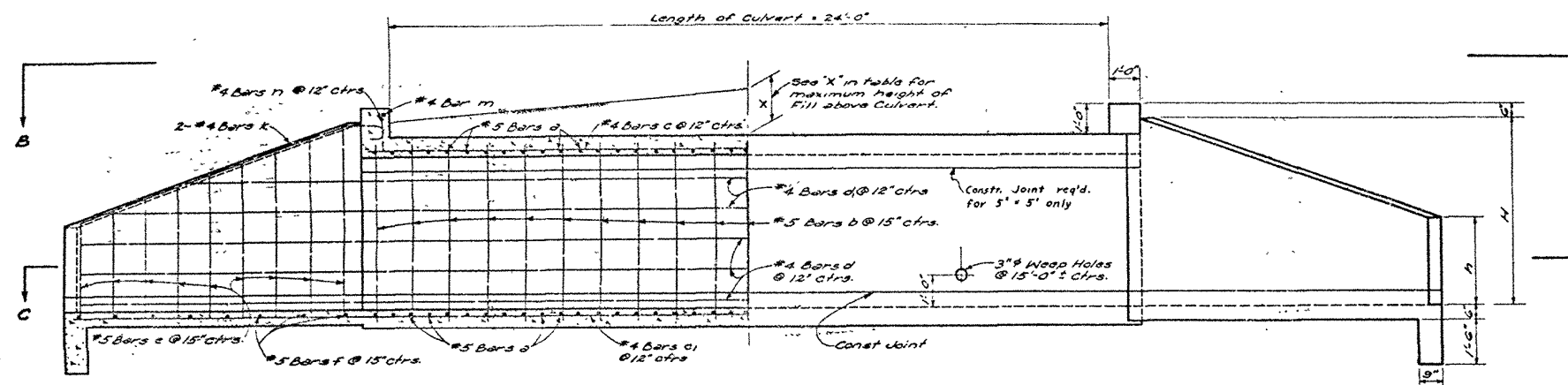


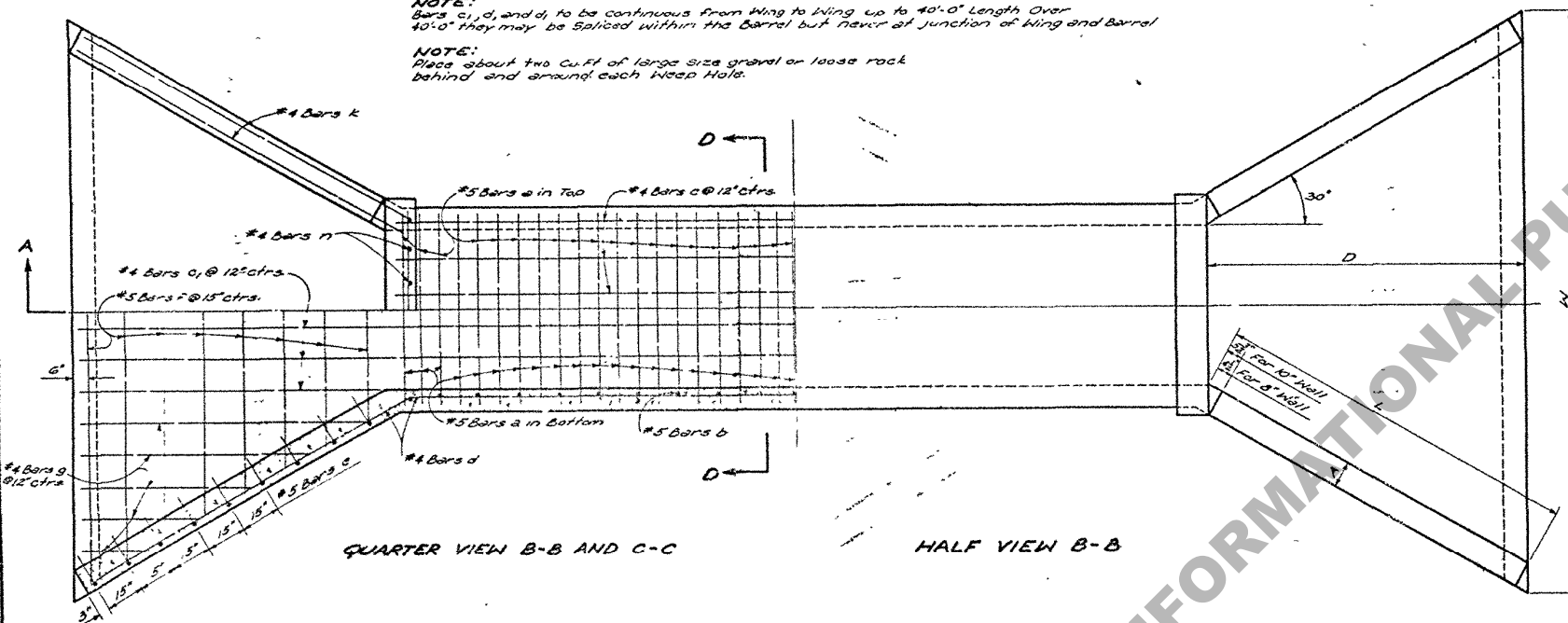


HALF VIEW A-A

HALF SIDE ELEVATION

NOTE: Bars c, d, and e, to be continuous from wing to wing up to 40'-0" Length Over 40'-0" they may be spliced within the barrel but never at junction of wing and barrel.

NOTE: Place about two cu. ft. of large size gravel or loose rock behind and around each Weep Hole.

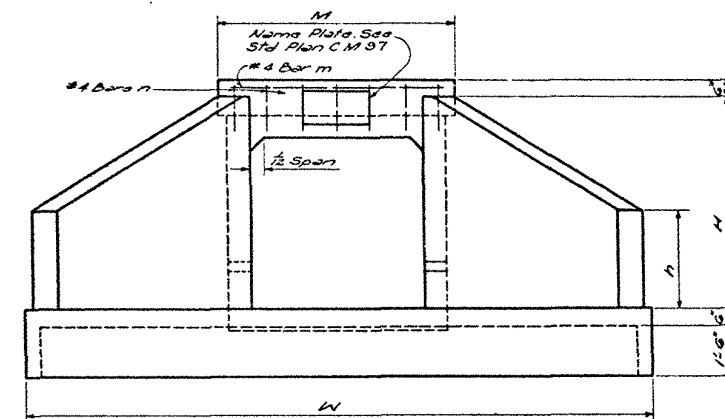


QUARTER VIEW B-B AND C-C

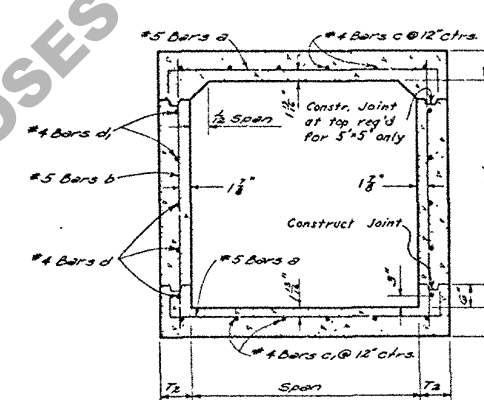
HALF VIEW B-B

OPENING		BARREL REINFORCEMENT														WING WALL AND APRON REINFORCEMENT														OPENING	
CLEAR SPAN	CLEAR HEIGHT	#5 BARS @		#5 BARS @		#4 BARS C		#4 BARS G		#4 BARS N		#3 BARS d1		#5 BARS @		#5 BARS F		#4 BARS @		#4 BARS K		#4 BARS M		#4 BARS J1		CLEAR SPAN	CLEAR HEIGHT				
		N°	Length	N°	Length	N°	Length	N°	Length	N°	Length	N°	Length	N°	Length	N°	Length	N°	Length	N°	Length	N°	Length	N°	Length						
FA	FA IN	FA IN	IN	FA IN	IN	FA IN	IN	FA IN	IN	FA IN	IN	FA IN	IN	FA IN	IN	FA IN	IN	FA IN	IN	FA IN	IN	FA IN	IN	FA IN	IN	FA					

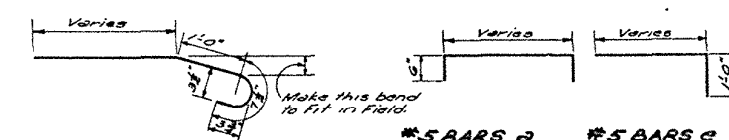
NOTE: Above quantities do not include any bar splices Contractor shall be paid for one 35 diameter splice for any bar over 40'-0" in length.



END VIEW



SECTION D-D



GENERAL NOTES AND DESIGN DATA:
Const. Specs. Latest Approved L.S. Hwy Dept. std. Specs.
Design Specs. A. A. S. H. O. 1953 as amended to Dec 31, 1955
Live Load: H20: S16:44 (Modified)
All concrete to be class A
All exposed corners to have 1/4" chamfer unless otherwise noted
Reinforcement shall be Intermediate or Hard Grade, A. S. T. M. A15,
or Rail Steel A. S. T. M. A18 conforming to A. S. T. M. A-305
Dimensions relating to Reinforcing Steel are to bar centers
For details of Expansion and Construction Joints, see Std. Plan C-M-49

OPENING	BARREL	WINGS AND FLOOR										REIN. FT. BARREL	TOTAL QUANTITIES	TWO HEADWALLS
		AREA	T1	T2	M	H	L	A	W	D	X			
		FT. IN. SQ. FT.	IN.	IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.
2'-0"	8.0	7 1/2	C	5'-6"	3'-11"	1'-5"	5'-8"	8	11'-3"	4'-11"	22	45.74	3097	1452
2'-6"	10.0	7 1/2	C	5'-6"	3'-11"	1'-8"	6'-8"	8	12'-2"	5'-9"	22	47.91	3282	1567
3'-0"	12.0	7 1/2	C	5'-6"	4'-11"	1'-11"	7'-0"	8	13'-1"	6'-6"	22	48.75	3467	1650
4'-0"	16.0	7 1/2	B	5'-11"	5'-11"	2'-5"	9'-5"	10	15'-4"	8'-2"	22	51.60	4486	1964

VOID DO NOT
USE
RETRACTED
3-11-53
CEA

STANDARD PLAN
REIN. CONCRETE BOX CULVERT
FLARING WING WALLS
2 FT. TO 5 FT. SPANS- 3:1 SLOPE
DATED April 25, 1953

STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS			
DESIGNED	DETAILS	TRACED	
CHECKED	CHECKED	CHECKED	
BRIDGE DESIGN SECTION			