

GENERAL NOTES

Construction Specifications Latest approved La Dept of Highways Standard Specifications Design Specifications A 115 H.O. 1963 as amended to Dec 31, 1965 Live Load H20 S16 44 (Modified)

All Concrete to be Class "A"

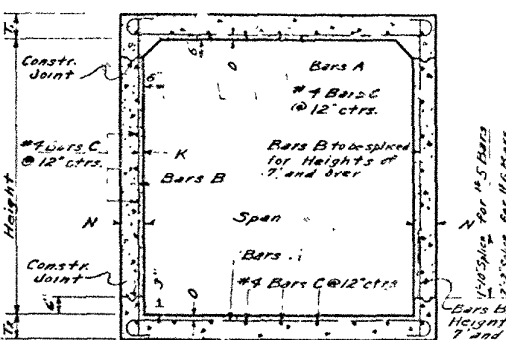
All exposed corners to have 3" chamfer, unless otherwise noted

Reinforcement shall be Intermediate or Hard Grade ASTM A15, or Rail Steel ASTM A16, conforming to A.S.T.M. A-305

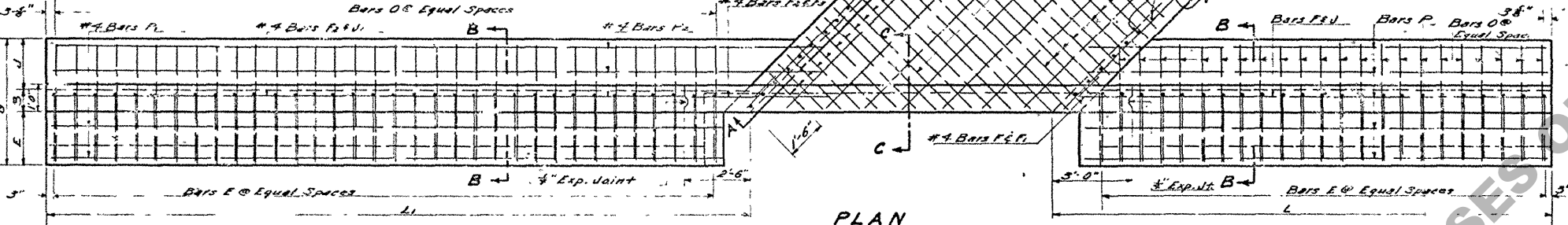
Dimensions relating to Reinforcing Steel are to bar centers

Place about 2 cu.ft. of large size Gravel or loose Rock behind and around each Weep-Hole

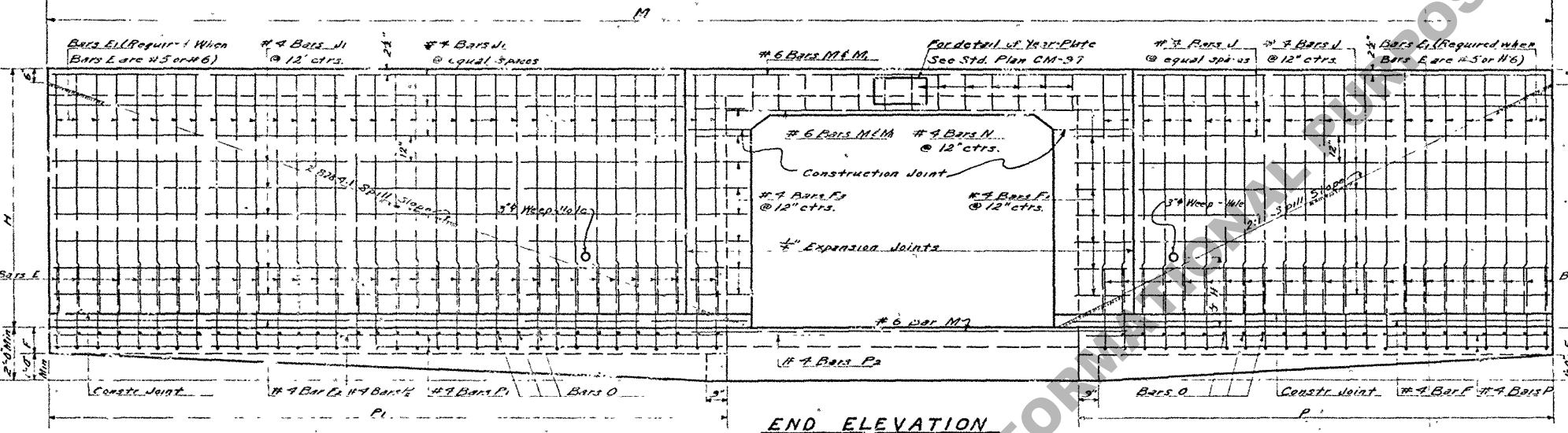
For details of Construction and Expansion Joints, See Std. Plan CM-99



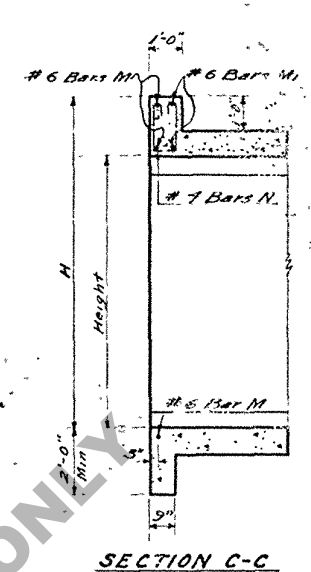
SECTION THRU BARREL



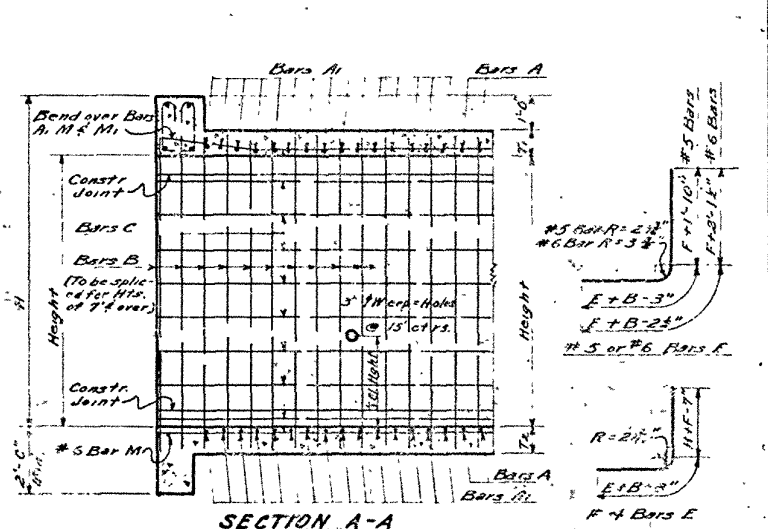
PLAN



END ELEVATION



SECTION C-C

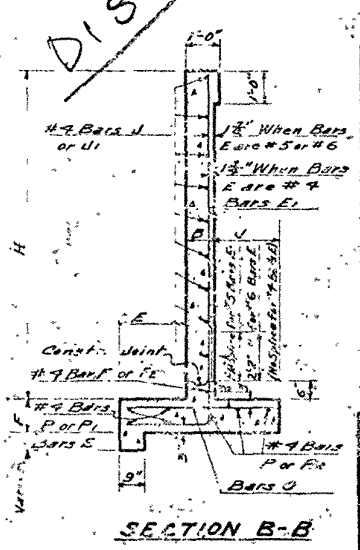


SECTION A-A

		DIMENSIONS															QUANTITIES			
Span	Height	OPENING BARREL															PER LINEAL FOOT			
		T	T	N	O	K	B	E	J	G	F	H	L	L	P	P	STEEL	CONCRETE	STEEL	CONCRETE
Feet	In	In	In	In	In	In	In	In	In	In	In	In	In	In	In	In	Lbs.	Cu Yds.	Lbs.	Cu Yds.
4																				
5																				
6																				
7																				
8																				
9																				
10																				

		BILL OF REINFORCING STEEL (43'-0" CULVERTS)																		
Span	Height	BARREL REINFORCEMENT																		
		Size	No.	Length	Size	No.	Length	Size	No.	Length	Size	No.	Length	Size	No.	Length				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

* Includes 1'-6" Lap Splice



SECTION B-B

		MAXIMUM FILL																		
Span	Height																			
		Size	No.	Length	Size	No.	Length	Size	No.	Length	Size	No.	Length	Size	No.	Length				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

STANDARD PLAN
REINFORCED CONCRETE BOX CULVERTS
STRAIGHT WINGWALLS 45° CROSSING
2:1 SLOPE NORMAL TO CHANNEL
7' TO 10' SPANS 4' TO 10' HEIGHTS
FOR HIGH FILLS

DATE: Oct 9, 1957

STATE OF ILLINOIS
DEPARTMENT OF HIGHWAYS

DESIGNED BY: [Signature]
CHECKED BY: [Signature]
APPROVED BY: [Signature]