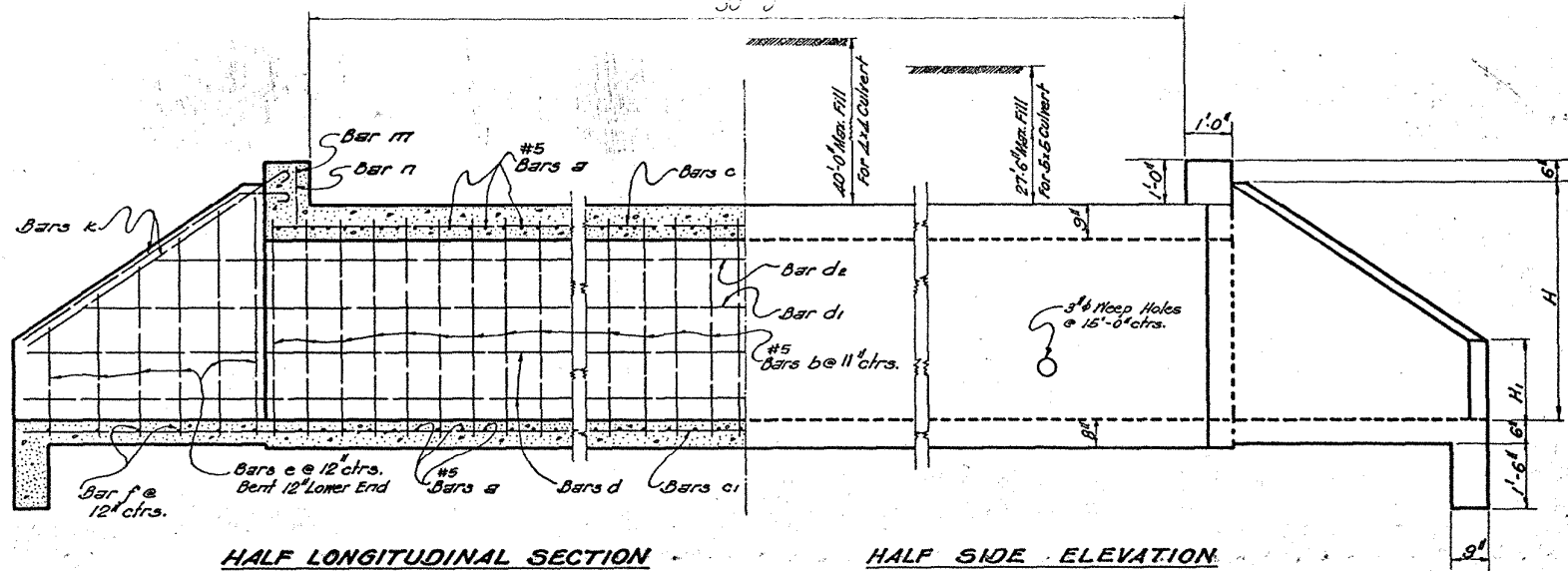


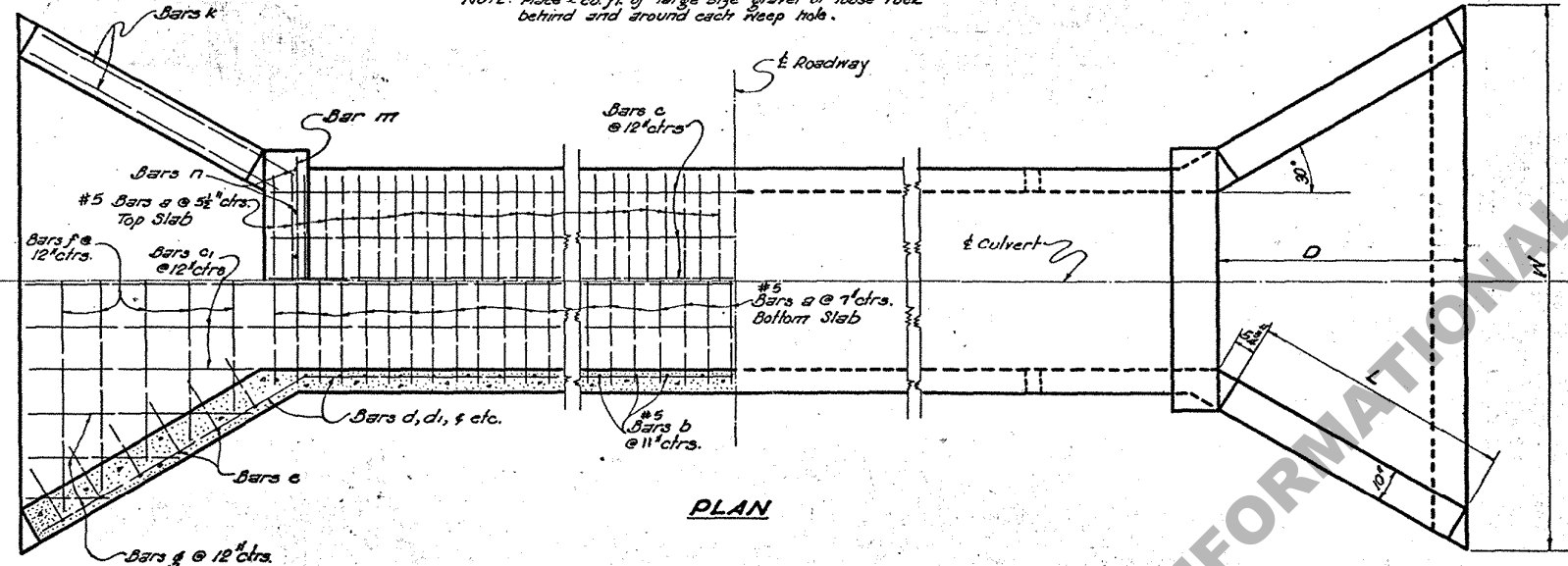


HALF LONGITUDINAL SECTION

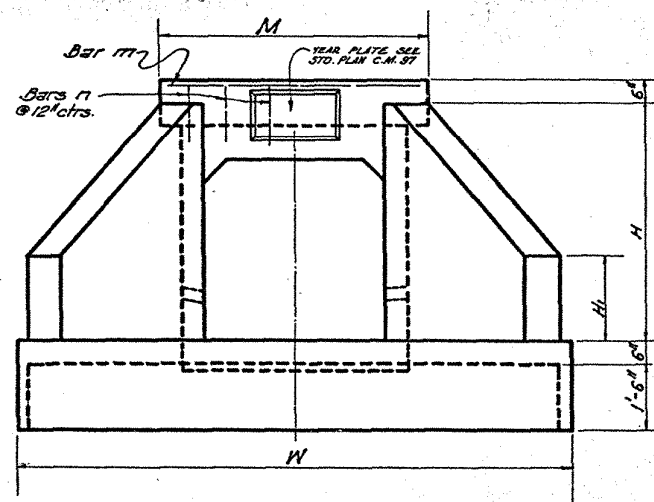
HALF SIDE ELEVATION

NOTE: Bars c, d and d₁ are to be continuous from wing to wing. In no case shall they be spliced at junction of wing and barrel. If necessary splice within length of barrel.

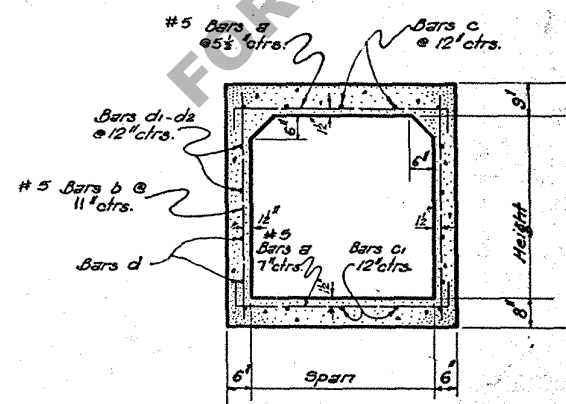
NOTE: Place 2 cu. ft. of large size gravel or loose rock behind and around each keep hole.



PLAN



END ELEVATION



SECTION of BARREL

GENERAL NOTES:
Construction Specs. Latest Approved La. Hwy. Dept. Std. Specs.
Design Specs. La. Hwy. Commission, Feb. 1929
All concrete shall be class "A".
All exposed corners shall have a 3" chamfer.
All reinforcement not otherwise noted to be #4 Bars.
Bars d, d₁, d₂ etc. to be lapped spliced 1'-0".
For Year Plate see Standard Plan C-M-97.

RETRACTED
CEA
6.24.58

BILL of STEEL for 30'-0" STRUCTURE					
SLOPE	Single 4'x4'		Single 5'x5'		SLOPE
	3:1	4:1	3:1	4:1	
BAR	No	Length	No	Length	BAR
a	125	5'-3"	125	5'-9"	a
b	70	5'-2"	70	5'-2"	b
c	5	31'-9"	5	31'-9"	c
c ₁	10	25'-13"	10	26'-5"	c ₁
d	12	26'-2"	12	27'-8"	d
d ₁	4	22'-7"	4	24'-8"	d ₁
d ₂					d ₂
d ₃					d ₃
e	4	6'-6"	4	6'-5"	e
e ₁	4	6'-2"	4	6'-2"	e ₁
e ₂	4	5'-11"	4	5'-11"	e ₂
e ₃	4	5'-7"	4	5'-9"	e ₃
e ₄	4	5'-4"	4	5'-6"	e ₄
e ₅	4	5'-0"	4	5'-3"	e ₅
e ₆	4	4'-9"	4	5'-1"	e ₆
e ₇	4	4'-5"	4	4'-10"	e ₇
e ₈	4	4'-2"	4	4'-7"	e ₈
e ₉	4	3'-10"	4	4'-4"	e ₉
e ₁₀			4	4'-2"	e ₁₀
e ₁₁					e ₁₁
e ₁₂					e ₁₂
e ₁₃					e ₁₃
f	2	6'-5"	2	6'-5"	f
f ₁	2	7'-7"	2	7'-7"	f ₁
f ₂	2	8'-9"	2	8'-9"	f ₂
f ₃	2	9'-11"	2	9'-11"	f ₃
f ₄	2	11'-1"	2	11'-1"	f ₄
f ₅	2	12'-3"	2	12'-3"	f ₅
f ₆	2	13'-5"	2	13'-5"	f ₆
f ₇	2	14'-7"	2	14'-6"	f ₇
f ₈			2	15'-8"	f ₈
f ₉					f ₉
f ₁₀					f ₁₀
f ₁₁					f ₁₁
f ₁₂					f ₁₂
g	4	1'-6"	4	2'-0"	g
g ₁	4	3'-3"	4	3'-9"	g ₁
g ₂	4	5'-0"	4	5'-6"	g ₂
g ₃	4	6'-9"	4	7'-3"	g ₃
g ₄			4	9'-0"	g ₄
g ₅					g ₅
h	8	11'-4"	8	12'-9"	h
h ₁	2	5'-8"	2	5'-8"	h ₁
h ₂	12	1'-5"	12	1'-5"	h ₂
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