

Bending Diagrams.

9'-1 $\frac{3}{4}$ "

45°

2' Lap

9'-8 $\frac{1}{2}$ "

45°

9'-1 $\frac{3}{4}$ "

W 20 bar

9'-3"

45°

2'-0"

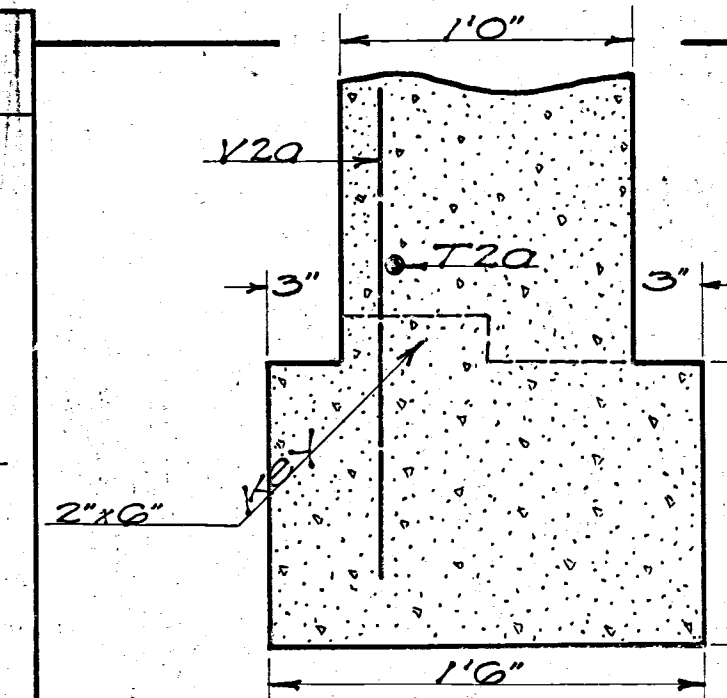
W 2 b bar

4'-2 $\frac{1}{2}$ "

90°

R=3"

W 2 c bar



Concrete Mix shall be 1-5½ except for Footings, for which it shall be 1-6½.
Vertical Construction Joints in side walls are permissible but shall be provided with keys and the T2a bars shall be continuous through the joints.
Exposed Edges shall have 2" bevel.
Splicing of bars permitted only for T2a, which shall have a minimum lap of 2'0".
Structure sustains 12'0" surcharge.

STEEL LIST.							
WIND WALLS							
Mark	Size	Lgtb.	Desc.	Spa.	Qty	U.Wgt.	Tot. Wgt.
W20	1/2" φ	15'0"	Bnt.	—	12	0.028	120
W20	"	11'3"	"	10 1/2"	32	"	240
W20	"	7'0"	Str.	10 1/2"	40	"	200
W20	"	9'9"	"	—	4	"	20
W20	"	5'0"	Bnt.	10 1/2"	32	"	107
V20	"	11'0"	Str.	—	4	"	30
Slabs, Hdgs. & C.O. Walls							
S50	3/4" φ	10'0"	Str.	4 3/4"	150	1.502	2253
T20	1/2" φ	30'9"	"	1'0 3/4"	18	0.028	376
SIDE WALLS & FTGS.							
V20	1/2" φ	9'6"	Str.	1'0"	120	0.028	262
T20	"	30'9"	"	10 1/2"	36	"	735
Total							4900

SUMMARY OF QUANTITIES	
Excavation (Rock)	10.0 Cu. Yds.
Excavation (Unclassified)	200.0 Cu. Yds.
Concrete 1-6 1/2 Footings.	8.7 Cu. Yds.
Concrete 1-5 1/2	70.2 Cu.
Reinforcing Steel	4960 Lbs.

Approved: W. R. Burckhalter Date Jan 22, 1934
J. P. Willey Date Jan 22, 1934
J. R. Reck Date Jan 22, 1934
 Muskingum County Commissioners.

Approved: Wm. Heiskirk Date Jan. 22, 1934
 Muskingum County Surveyor.

General Scale $\frac{1}{2}'' = 1'$

Designed by H.P.C. 1-2034

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