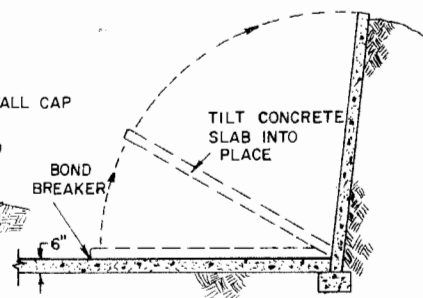
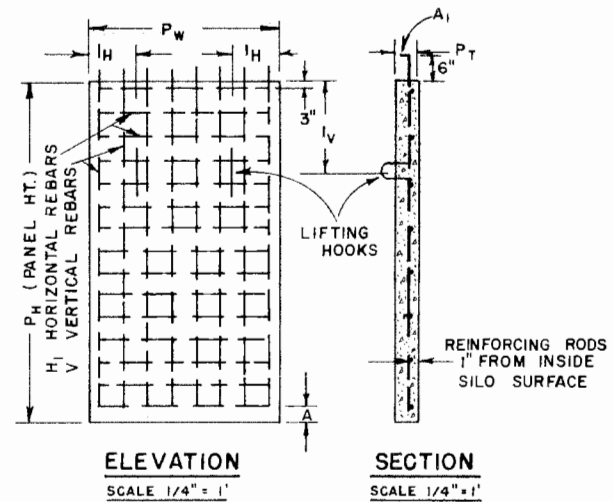


CROSS SECTION



HALF SECTION OF SILO
SCALE 1/4" = 1'

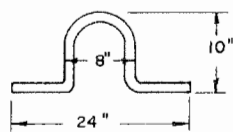


ELEVATION
SCALE 1/4" = 1'

SECTION
SCALE 1/4" = 1'

NOTES

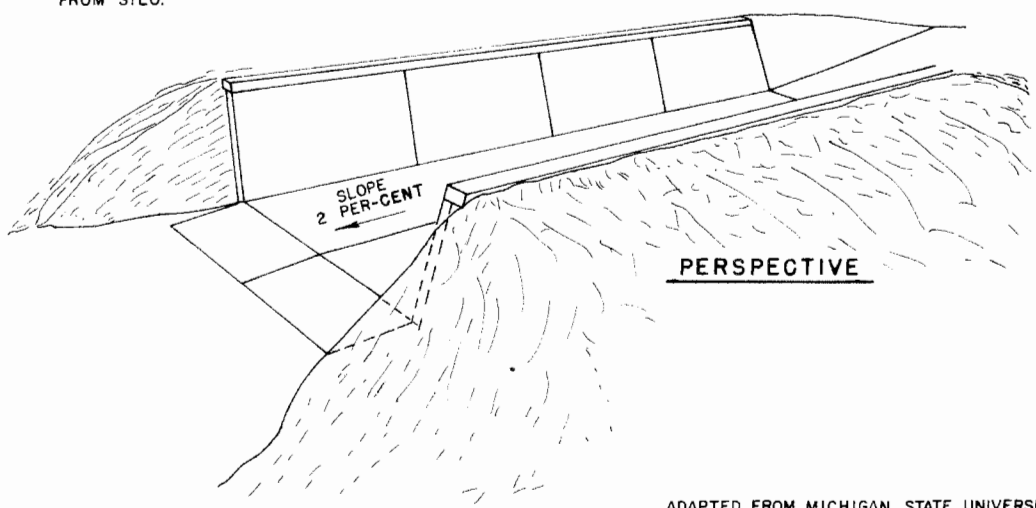
1. CAPACITY IS BASED ON 40 POUNDS PER CUBIC FOOT.
2. A DAILY USE RATE OF 4" OF SILAGE IS RECOMMENDED IN WARM WEATHER TO KEEP SILAGE FRESH.
3. ALL CONCRETE SHOULD CONTAIN 40% SAND, 60% GRAVEL AND NOT MORE THAN 6 GALLONS OF WATER PER SACK OF CEMENT.
4. BE SURE TO SET GRADE SO WATER WILL DRAIN AWAY FROM SILO.



LOOP FOR LIFTING WALL
THE ANCHORING IS FORMED FROM 3/4" DIAMETER x 3 FT. LONG STEEL BARS.

BUNKER SILO CAPACITIES
TONS/FOOT OF LENGTH

DEPTH	WIDTH					
	30'	40'	50'	60'	70'	80'
8'	5	6.5	8.1	10.0	11.3	13.0
10'	6.2	8.4	10.2	12.2	14.2	16.2
12'	7.5	10.0	12.3	14.6	17.0	20.0
14'	8.7	11.5	14.3	17.0	20.0	22.7
16'	10.0	13.1	16.3	20.0	22.7	26.0
18'	11.1	14.7	18.3	22.0	27.6	29.1



PERSPECTIVE

ADAPTED FROM MICHIGAN STATE UNIVERSITY
PLAN NO. 733-C1-15

PANEL HT.	DIMENSION			SCHEDULE		
	P _w	P _T	A	I _H	I _V	WT.
10' - 0"	7' - 11"	3 5/8"	3"	1' - 6"	3' - 0"	3400
12' - 0"	7' - 11"	5 1/2"	3"	1' - 6"	3' - 6"	6100
14' - 0"	7' - 11"	5 1/2"	3"	1' - 6"	4' - 0"	7200

	10 FOOT			12 FOOT			14 FOOT		
	SHAPE	NO.	LGTH.	SHAPE	NO.	LGTH.	SHAPE	NO.	LGTH.
	H ₁	11	4	7' - 6"	13	4	7' - 6"	15	4
V ₁	8	4	9' - 6"	8	4	11' - 6"	8	4	13' - 6"
A ₁	2	4	2' - 6"	2	4	2' - 6"	2	4	2' - 6"



CONCRETE TRENCH SILO

MICH.-PA. '71 6110 SHEET 1 OF 1

Disclaimer

This site makes available conceptual plans that can be helpful in developing building layouts and selecting equipment for various agricultural applications. These plans do not necessarily represent the most current technology or construction codes. They are not construction plans and do not replace the need for competent design assistance in developing safe, legal and well-functioning agricultural building system. The LSU Agriculture Center, the Mid-West Plan Service, the United States Department of Agriculture and none of the cooperating land-grant universities warranty these plans.