

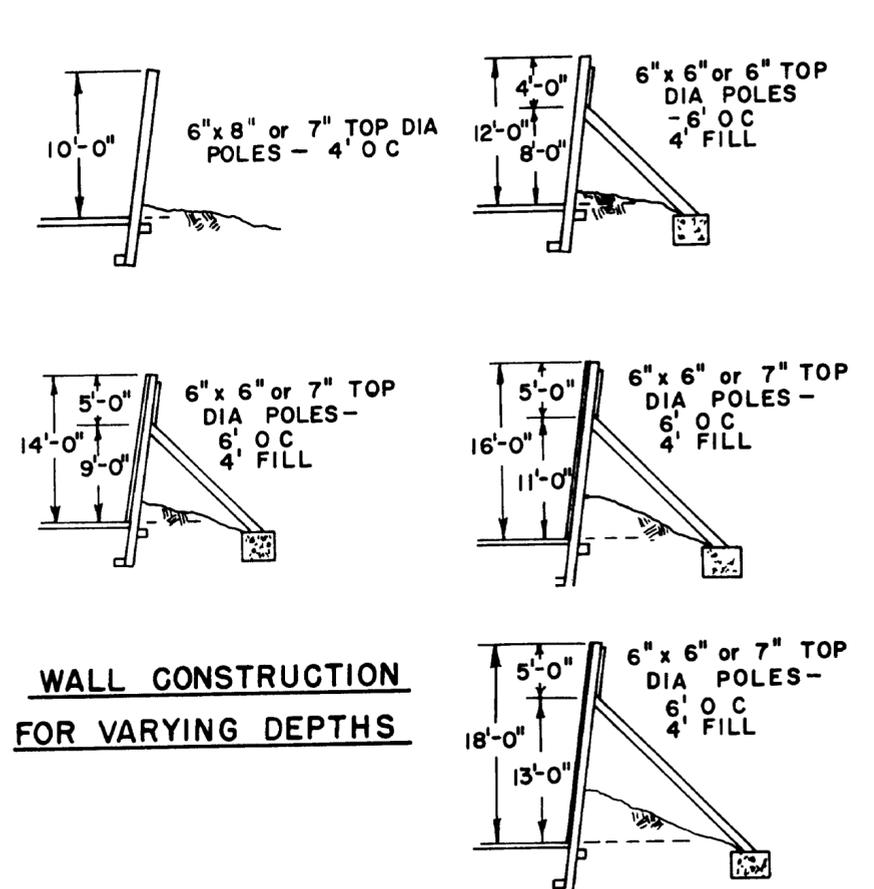
**CROSS SECTION OF SILO**

**NOTES**

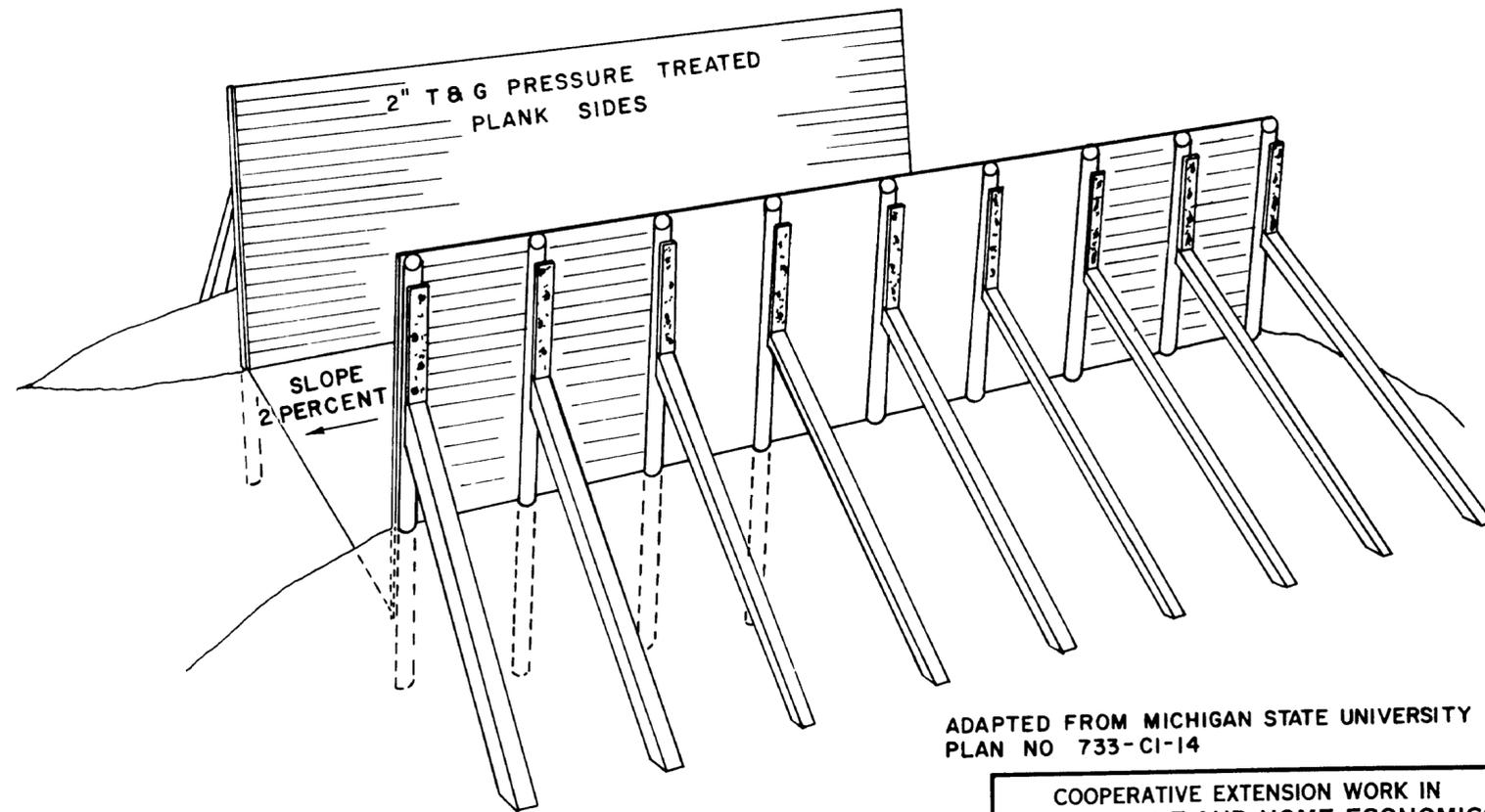
1. CAPACITY IS BASED ON 40 POUNDS PER CUBIC FOOT
2. A DAILY USE RATE OF 4" OF SILAGE IS RECOMMENDED IN WARM WEATHER TO KEEP SILAGE FRESH
3. ALL CONCRETE SHOULD CONTAIN 40% SAND, 60% GRAVEL AND NOT MORE THAN 6 GALLONS OF WATER PER SACK OF CEMENT.
4. ALL WOOD SHOULD BE PRESSURE TREATED WITH 8 POUND RETENTION PER CUBIC FOOT OF WOOD
5. STAGGER JOINTS IN THE CENTER AND END MATCHED SIDING
6. BE SURE TO SET GRADE SO WATER WILL DRAIN AWAY FROM SILO.
7. USE RUST PROOF 16d NAILS FOR THE SIDING

**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



**WALL CONSTRUCTION  
FOR VARYING DEPTHS**



**PERSPECTIVE**

ADAPTED FROM MICHIGAN STATE UNIVERSITY  
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COOPERATIVE EXTENSION WORK IN  
AGRICULTURE AND HOME ECONOMICS  
DEPARTMENT OF AGRICULTURE  
COLLEGE OF AGRICULTURE  
UNIVERSITY OF KENTUCKY  
AND  
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

**WOOD BUNKER SILO**

MICH - PA '71 6109 SHEET 1 OF 1