

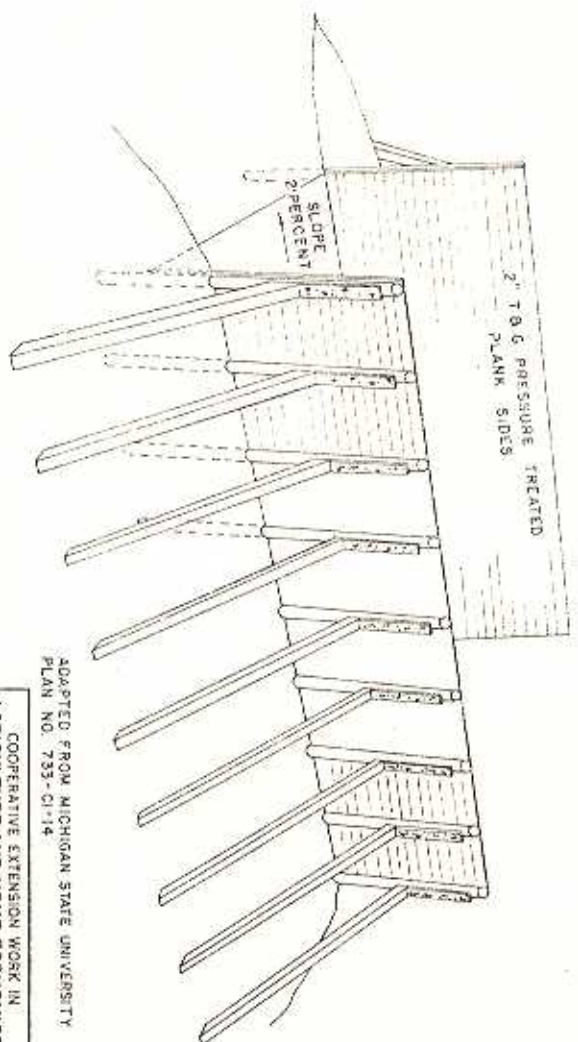
CROSS SECTION OF SILO

NOTES

- 1 CAPACITY IS BASED ON 40 POUNDS PER CUBIC FOOT
- 2 A GAILY USE RATE OF 4T OF GRAIN 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 6 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

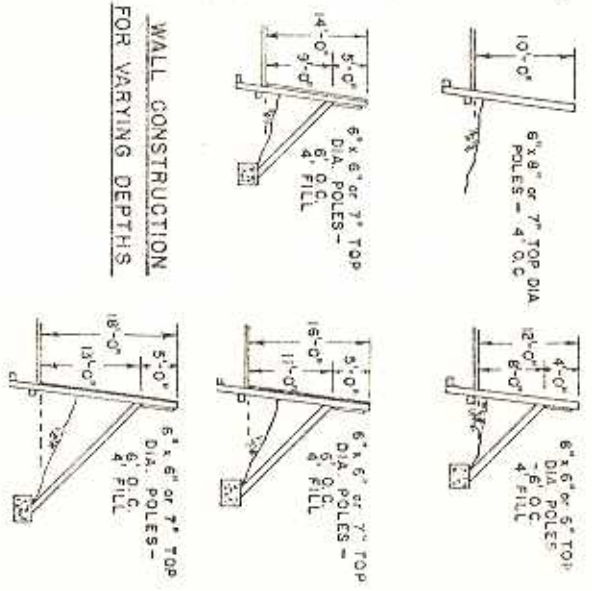
**BUNKER SILO CAPACITIES
TONS/FOOT OF LENGTH**

DEPTH	WIDTH					
	30'	40'	50'	60'	70'	80'
6	5	6.0	8.1	10.0	11.5	13.0
10	8.2	9.4	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	24.9	28.1



PERSPECTIVE

**WALL CONSTRUCTION
FOR VARYING DEPTHS**



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COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS
DEPARTMENT OF AGRICULTURAL ENGINEERING
UNIVERSITY OF MARYLAND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

WOOD BUNKER SILO

WICH-28 '71 6109 SHEET 1 OF 1