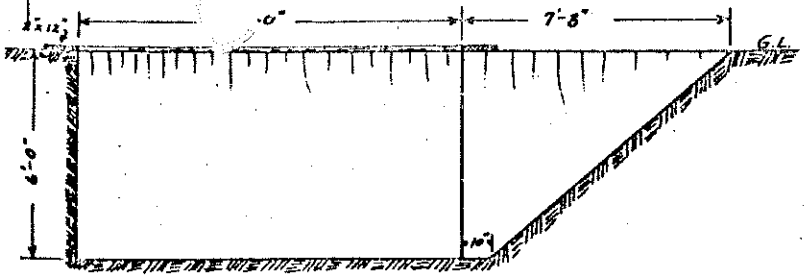
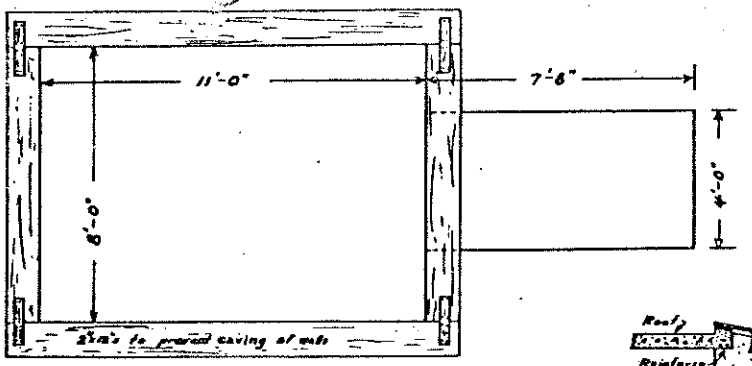
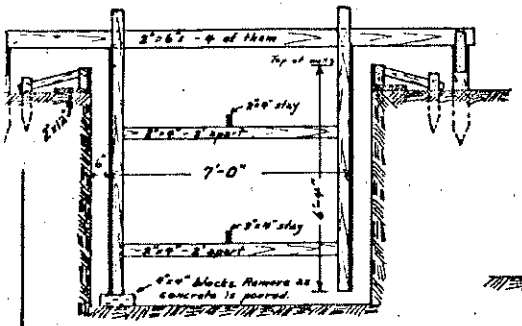


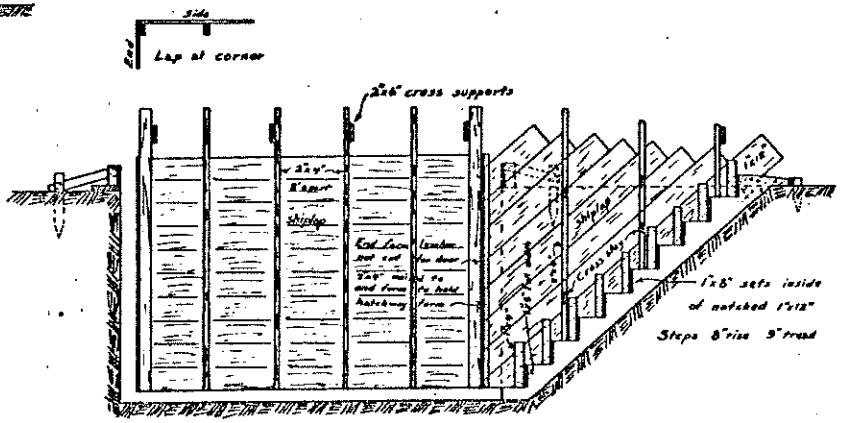
Dimensions of Excavation.



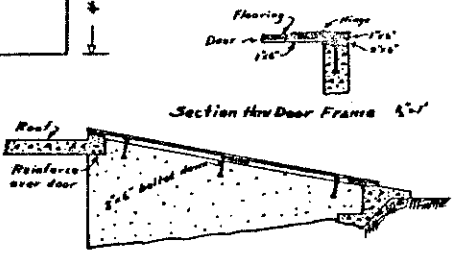
Plan of Excavation



Cross section showing forms.
Use 4"x4" blocks to hold form up while support at the top is being attached.



Section Lengthways showing forms.



Door

Door

Section thru Door Frame

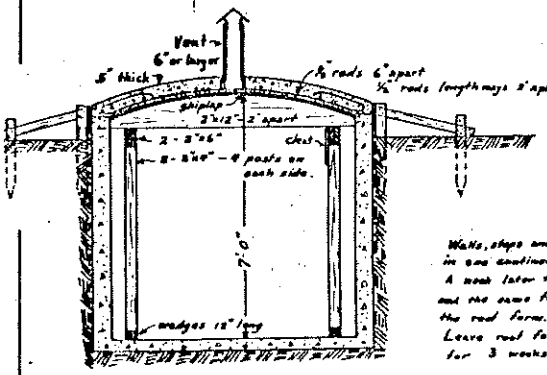
Bill of Material.

Form Lumber:—	1-2"x12"x16'	6-2"x6"x16'
	3-2"x12"x14'	20-2"x4"x16'
	6-1"x12"x12'	6-1"x4"x16'
	2-1"x8"x16'	360 board ft. shiplap

Material in completed cellar:—
6 bolts ½"x10" 2-2"x6"x10'
3-1"x6"x10' 4 pieces 4" flooring 10' long

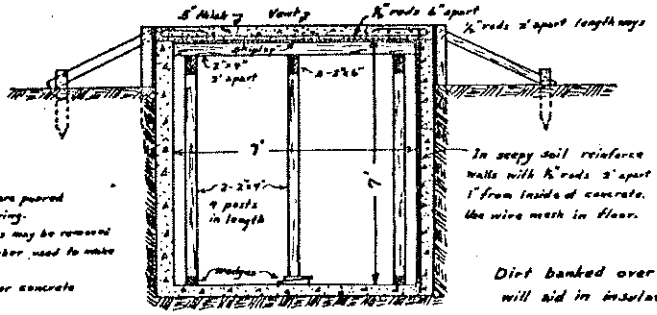
Reinforcing:— 24-½" rods 12' long in roof
24-½" rods 8' long in walls and steps

Concrete material:— 1:2:4 mixture.
54 sacks cement
4 cu.yds. sand
8 cu.yds. gravel



Walls, steps and floor are poured in one continuous pouring.
A week later the forms may be removed and the same form lumber used to make the roof forms.
Leave roof form under concrete for 3 weeks.

Cross section showing roof forms.



In steep soil reinforce walls with ½" rods 2' apart 1" from inside of concrete. Use wire mesh in floor.

Dirt banked over the roof of cellar will aid in insulating.

Alternate roof construction.
Note that side walls are 7' high inside.

COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS
AND
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STORM OR STORAGE CELLAR
TEXAS A. & M. COLLEGE STATION