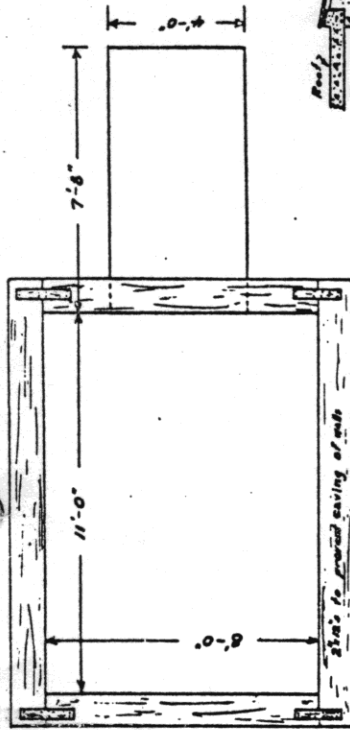
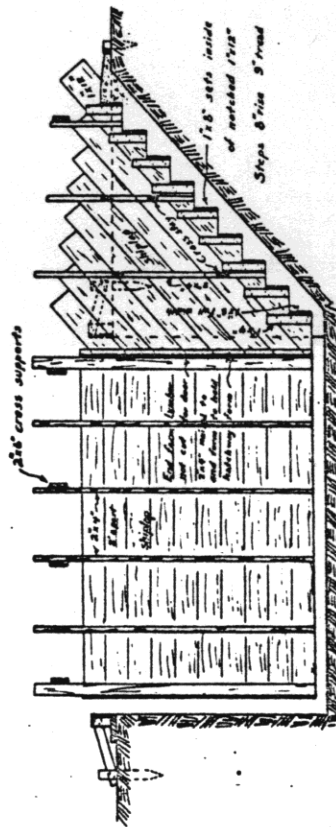
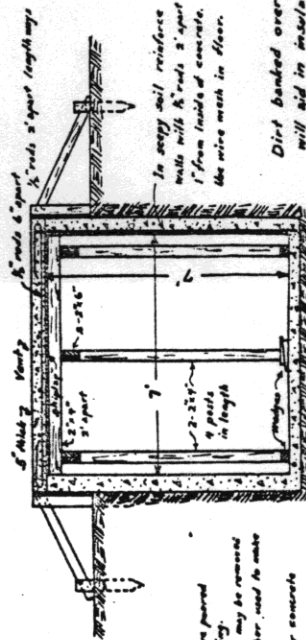




Plan of Excavation



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



Cross section showing roof forms.

Note that side walls are 7' high inside.

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

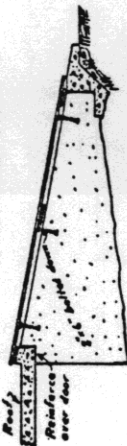
Form Lumber:-
 1-2"x12"x16'
 3-2"x12"x16'
 6-1"x12"x16'
 2-1"x8"x16'

Material in completed cellar:-
 6-batts 5"x8"
 3-batts 5"x10"
 3-batts 6"x10"

Reinforcing:- 24-6"x6" rods, 13' long in roof
 24-6"x6" rods, 12' long in walls and steps

Concrete material:- 112 cu. yds. minimum
 40 cu. yds. cement
 4 cu. yds. sand
 8 cu. yds. gravel

Section thru Door Frame 4'x'



Door



Door

Form Lumber:-
 1-2"x12"x16'
 3-2"x12"x16'
 6-1"x12"x16'
 2-1"x8"x16'

Material in completed cellar:-
 6-batts 5"x8"
 3-batts 5"x10"
 3-batts 6"x10"

Reinforcing:- 24-6"x6" rods, 13' long in roof
 34-5"x6" rods, 13' long in walls and steps

Concrete material:- 112 cu. yds. minimum
 40 cu. yds. cement
 4 cu. yds. sand
 8 cu. yds. gravel

Material in completed cellar:-

6 bolts, $K = 10^6$ 2-236" x 10"
3-136" x 10" 11 pieces 6" flange 10" hole

34-K rods 12' long in roof

Concrete material:- 11.8:4:10.0.

SP sacks covered

4 24 yds. sand
8 24 yds. gravel

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1

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1

1

10

10

1

3

10

1

COOPERATIVE EXTENSION WORK IN
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