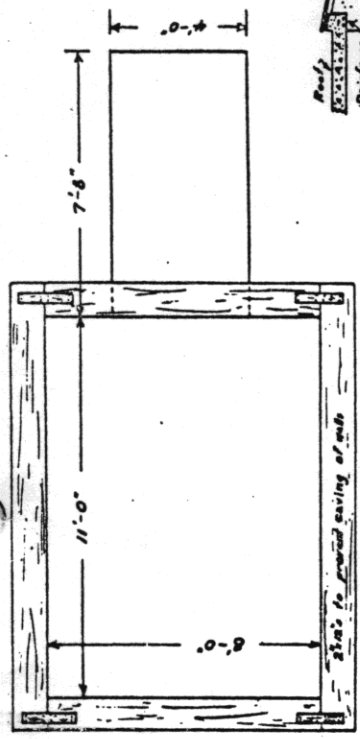
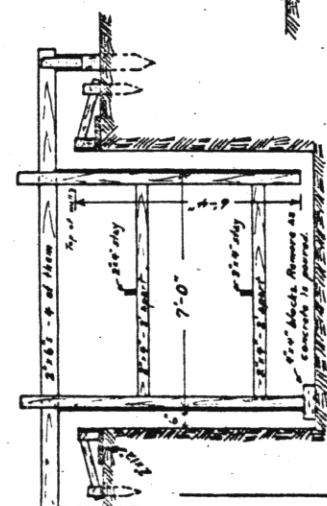


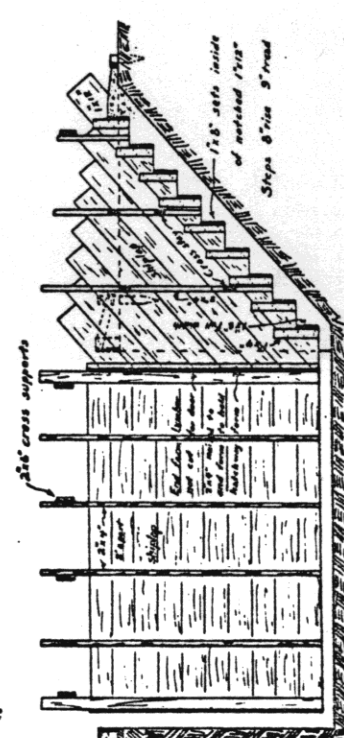
Dimensions of Excavation.



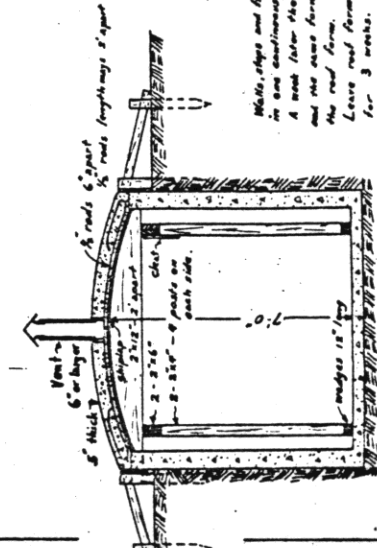
Plan of Excavation



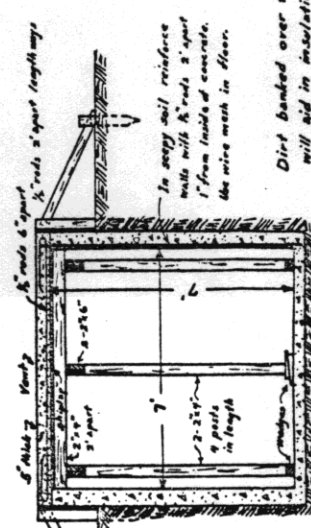
Cross section showing forms. Use 2x6 blocks to hold form up while support at the top is being attached.



Section Lengthways showing forms.



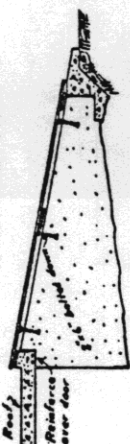
Alternate roof construction. Note that side walls are 7' high inside.



Section Lengthways showing forms.



Section How Door Frame 3x4



Door



Door

Bill of Material

- Form Lumber:
  - 6-2x6x16'
  - 20-2x4x16'
  - 3-2x10x16'
  - 6-1x8x16'
  - 3-1x8x16'
- Material in completed cellar:
  - 6-batts 1/2" x 16"
  - 3-1x8x16'
  - 11-pieces 2" flooring 12' long
- Reinforcing:
  - 20-#4 rebar 12' long in walls and steps
  - 20-#4 rebar 8' long in walls and steps
- Concrete material:
  - 112 cu. masonry
  - 20 sacks cement
  - 4 cu. yds. sand
  - 8 cu. yds. gravel