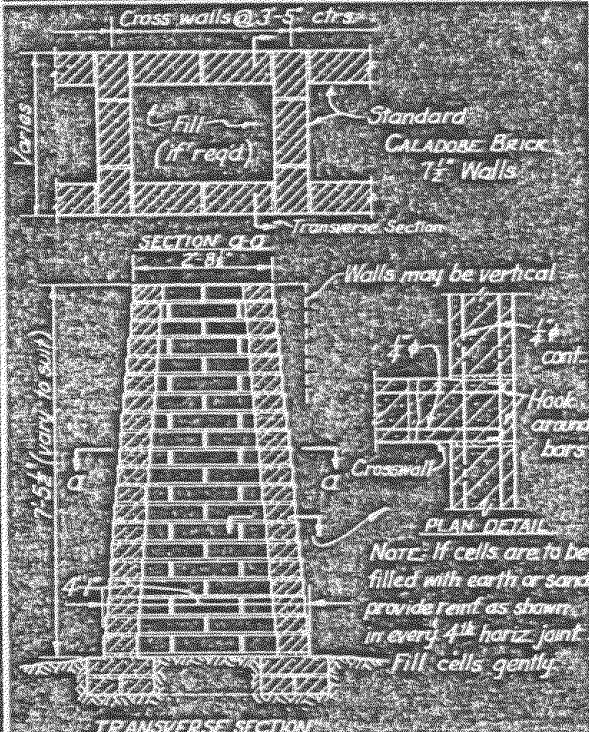
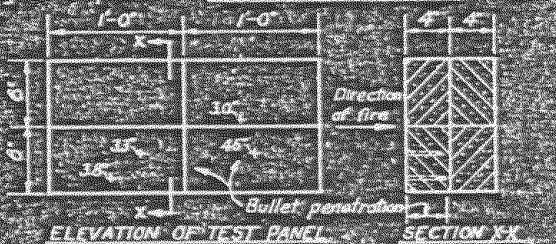


PROTECTIVE CONSTRUCTION

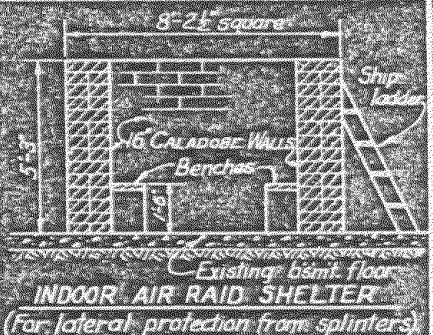


CELLULAR TYPE BLAST WALL FOR THE PROTECTION OF VITAL INSTALLATIONS

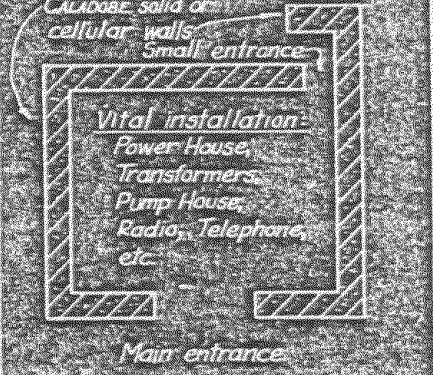
Data from University of Washington Engineering Experiment Station Bulletin No. III, "Stabilized Earth Blocks for Protective Construction" by Robert P. Graham Henne, July 1943.
 Test Panel (Series C): 8 Bitudobe blocks as shown below. Joints filled with a paste of emul. asphalt & pulp.
 Rifle: Garand; fired at 50-yard range.
 Ammunition: std M-1 ball, 0.30 calibre, 138 grain bullet, 50 grains of powder. Final condition of Panel: "Good".



GARAND RIFLE FIRE TESTS CONDUCTED AT FORT LAWTON



INDOOR AIR RAID SHELTER (For lateral protection from splinters)



PROTECTION WITH BLAST WALLS

- GENERAL NOTES**
1. CALADOBRE BRICK WALLS have all of the qualities desirable for revetments:
 1. Resistance to penetration.
 2. Energy absorption to prevent dangerous spalling and fracturing.
 3. Strength.
 4. Weather resistance.
 5. Construction does not involve the use of critical materials or labor.

CALADOBRE BRICK
PROTECTIVE CONSTRUCTION
 DRAWN BY: JAB DATE: NOV. 1943
 DATA SHEET No. 108