



KEY
PROTECTED FIRE ZONE: Shown in Green.
Note.—For description of fire protection, etc., see other side.
Elevations range from 150 to 898 feet above mean sea level.
Water mains 8 inches and larger in diameter
Water mains 6 inches in diameter
Water mains 4 inches in diameter
Fire hydrants shown thus
Gate valves shown thus

Fire house shown thus
Fire apparatus designated by symbols thus:
Y Pumping engine and hose car
Q Booster tank or tanks on above



THE FIRE INSURANCE RATING
ORGANIZATION OF N. J.
ENGINEERING DEPARTMENT
NEWARK 2, N. J.
Pohatcong Township
Including Carpentersville, Finesville,
Hughesville, Riegelsville, Shakel-
town, Springtown and
Warren Glen
Warren County, New Jersey
JUNE 30, 1950

June 30, 1950.

POHATCONG TOWNSHIP, WARREN COUNTY, NEW JERSEY**Including Carpentersville, Finesville, Hughesville, Riegelsville, Shakeltown, Springtown, and Warren Glen.****Population — 1940 Census — 2,029.**

IN GENERAL: Located southeast of and adjoining Phillipsburg. Mainly a residential community. Area about 13.2 square miles. Elevations range from 150 to 898 feet. Main roads concrete, others macadam in fair to poor condition. Grade crossings could interfere with response of fire apparatus.

WATER SUPPLY: Water for domestic and fire protection purposes is furnished by the People's Water Company. See report on Phillipsburg with map No. 300. Pohatcong is supplied by a 12-inch main. **Consumption:** The average and maximum daily consumption in the entire territory served (4,456 services) during 1948 was 3.87 and 6.09 million gallons respectively. There were 240 services in Pohatcong on May 1, 1950, of which 225 were metered. **Distribution System:** In one service; see map. **Pipe:** Cast iron, tar coated, bell and spigot joint, laid with 4½-foot cover. No trouble from frozen mains or electrolysis. Total length of pipe 10,600 feet; 68% 6-inch, 13.2% 8-inch, 18.8% 12-inch. **Gate Valves:** There are 6 on the system of Ludlow make set with iron boxes to grade; operating direction is uniform. No regular valve inspection. **Hydrants:** There are 10 hydrants of Ludlow make. A few have two 2½-inch and one 4½-inch outlets; the balance have two 2½-inch outlets; 2½-inch outlets are 3¾ inches outside diameter with 6 threads per inch; 4½-inch outlets are 5¼-inch outside diameter with 4 threads per inch. All have 4½-inch barrels and 6-inch gated branches. Hydrants are inspected continuously. At time of inspection hydrants were found to be in fair condition. **Pressures:** Reading taken at one hydrant showed a pressure of 53 pounds. Gauge in pumping station showed a pressure of 118 pounds. **Fire Flow Test:** Probable supply available for fire protection purposes was measured on November 30, 1949 by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow, and pressure during flow were as follows:

Sussex St. and March Blvd., 720—53—33.

FIRE DEPARTMENT: A volunteer organization of one independent company, which is not under municipal control. The company owns the fire station, equipment, and apparatus. The total active membership is 15 including a chief, an assistant chief, 1 foreman, and 1 assistant foreman. A minimum of 8 are available at all times. All officers are elected annually by the company. **Company—Huntington Fire Company No. 1:** Located on Pohatcong Avenue near Chestnut Street. Building is a 1-story concrete structure with a composi-

tion covered wood roof, concrete floor, hot air heat, and electric lights. **Equipment:** A 1937 General-Ford 500-g.p.m. triple combination pumping engine carrying a 100-gallon booster tank, 200 feet of booster hose, 450 feet of 1½-inch hose, 1,000 feet of 2½-inch hose, 2 short ladders, and fair minor equipment. **Hose:** All 2½-inch hose is C.R.L. with 3¾ inches outside diameter and 6 threads per inch screw couplings. There is 1,000 feet of reserve hose. It is tested annually at 150 pounds pressure and reloaded without drying. **Operations:** At time of inspection the company was governed by company by-laws only. Chief has control of apparatus at all times and of men at fires and drills. He has no power to suspend men, but may prefer charges to company. Motors are started daily, and 6 men are appointed as drivers. **Drills and Training:** Drills are held weekly and consist of pump operations, ladder work, and hose laying. **Fire Methods:** Booster streams are used on incipient fires reinforced by engine and hydrant streams with shut-off nozzles. **Response to Alarms:** Entire company responds to all alarms. Outside aid may be secured from Easton, Pennsylvania, Phillipsburg, and Alpha. **Building Inspection:** None. **Records and Reports:** Records are kept of all fires. **Fire Alarms:** Alarms are telephoned to nearby homes of firemen and are sounded on a siren located on the fire house.

POLICE DEPARTMENT: There is one full-time patrolman and 4 fire police.

BUILDING LAWS: No municipal regulations. State laws provide some good regulations for construction of factories, tenement houses, and public schools, and fire protection and safety features for hotels.

FIRE PREVENTION LAWS: No local laws. State laws adequately cover the manufacture, storage, and handling of explosives, and provide for regulations governing the intrastate transportation of explosives and flammable liquids. They also restrict the discharge of fireworks to responsible bonded parties and embody good requirements for motion picture booths and the hazard incident to the display of motion pictures except that flammable film and portable booths are permitted for temporary exhibitions, and enclosures for projection equipment are not required in schools. The State Tenement House Act restricts keeping and handling of certain combustible materials in tenements.

ZONING ORDINANCE: None.