



THE FIRE INSURANCE RATING  
ORGANIZATION OF N. J.  
ENGINEERING DEPARTMENT  
NEWARK 2, N. J.

**Shrewsbury Borough**  
Including part of Shrewsbury Township  
Monmouth County, New Jersey

FEBRUARY 28, 1948

PROTECTED FIRE ZONE: Shown in Green and Blue.

NOTE.—For description of fire protection, etc., see other side.

Elevations range from 0 to 97 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:

(V) Pumping engine and hose car

(H) Hose car

(B) Booster tank or tanks on above

(L) Ladders on above



# SHREWSBURY BOROUGH, MONMOUTH COUNTY, NEW JERSEY.

(Including part of Shrewsbury Township.)

Population — 1940 Borough Census — 1,058.

**IN GENERAL:** Borough adjoins south side of Red Bank on New York and Long Branch Railroad and the Central Railroad of New Jersey. Area about 1.82 square miles. Elevations range from 0 to 97 feet. Borough is a residential community with a few large estates. Transportation is afforded to neighboring communities by railroad and bus lines. Main roads concrete or macadam; others gravel in fair to good condition. Grade crossings reported as not having interfered with response of fire apparatus.

**WATER SUPPLY:** Water for domestic and fire protection purposes is furnished by the Monmouth Consolidated Water Company, a subsidiary of the American Water Works Company, Inc., which owns the supply works and distribution system and supplies water to 20 other municipalities in this area. For information on supply works and distribution system, see report with map No. 78. **Distribution System:** In one service; see map. Supply is obtained through two 8-inch and 6-inch mains from the 36-inch transmission main and from a 6-inch and 8-inch main from Eatontown. **Consumption:** The average and maximum daily consumption in the entire territory served (21,979 services) during 1946 was 8.04 and 17.28 million gallons. On December 31, 1946 there were 323 services in the borough, all of which were metered. **Pipe:** Mainly cast iron and cast iron cement lined laid with 3½-foot cover; some recent extensions are of Transite pipe. Total length of pipe, exclusive of 36-inch transmission main, 33,625 feet; 29.75% 8-inch and 70.25% 6-inch. **Gate Valves:** There are 23 of Ludlow and Rensselaer makes set in iron boxes at grade. All open to right. Occasional inspections are made of important valves. Fire department notified when valves affecting hydrant supply are operated. **Hydrants:** There are 48 of Ludlow, Mueller, and Corey makes; 33 have two 2½-inch and one 4½-inch outlets; the remainder have two 2½-inch outlets. All but 20 have 4-inch barrels; they have 6-inch or 7-inch barrels. Small outlets are National Standard, but large outlets are 5-9/16 inches outside diameter with 7 threads per inch. Practically all are gated. **Hydrants inspected semi-annually.** Hydrants operated during inspection were found to be in good condition. **Pressures:** Readings taken at two well-distributed hydrants showed pressures ranging from 68 to 76 pounds with an average of 72 pounds. **Fire Flow Tests:** Probable supply available for fire protection purposes was measured on November 12, 1947 by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow, and pressure during flow were as follows:

## Shrewsbury Borough—

\*Broad St. and Sycamore Ave., 672—76—34.

\*\*Broad St. and Sycamore Ave., 517—76—14.

## Shrewsbury Township—

Sycamore Ave., 1st hydrant west of Hance Ave., 582—68—6.

\*Conducted with all lines open.

\*\*Conducted with line from Eatontown closed.

**FIRE DEPARTMENT:** A volunteer department of one company under partial control of the borough. Department owns building and borough owns equipment. Borough appropriated \$1,500 for the support of the department for 1947. Membership, 42, of whom 16 are available at all times, includes a chief and two assistant chiefs who are elected annually by the company. **Company—Shrewsbury Fire Company No. 1:** Located on Broad Street as shown on map. Building is 2-story concrete block and frame with concrete apparatus floor, composition roof, hot water heat, and electric lights. Doors locked, keys distributed. **Equipment:** One 1947 Seagrave 600-g.p.m. quadruple combination pumping engine carrying a 100-gallon booster tank, 150 feet of booster hose, 300 feet of 1½-inch hose, 1,000 feet of 2½-inch hose, 10 ladders ranging from 10 to 50 feet and totaling 249 feet, and fair minor equipment. One 1938 American La France 500-g.p.m. triple combination pumping engine carrying a 300-gallon booster tank, 150 feet of booster hose, 500 feet of 1½-inch hose, 1,000 feet of 2½-inch hose, 2 short ladders, 2 salvage covers, 2 gas masks, and good minor equipment. **Hose:** All 2½-inch hose is C.R.L. with National Standard screw couplings. Hose tested yearly at 200 pounds. No hose drying facilities. Hose put on apparatus wet; 420 feet of reserve hose. **Operations:** Governed by company by-laws. Chief has full control of men at fires and drills. Chief has no power to suspend members, but may prefer charges to company. Motors turned over every two days in winter and weekly in summer. Seven men appointed as drivers. **Drills and Training:** Four drills a year consist of testing hose and use of equipment. **Fire Methods:** Booster streams used. Engine and hydrant lines with shut-off nozzles laid only when necessary. Salvage equipment and gas masks are provided. Foam equipment is lacking. **Response to Alarms:** Company responds to all alarms within the borough. **Outside aid** may be secured from Red Bank, Eatontown, and Little Silver under the Monmouth County cover-up system. **Building Inspection:** Only on complaint. **Records and Reports:** Records of all fires kept

and yearly report made to council. **Fire Alarms:** Alarms of fire telephoned to local police and state police and sounded from there on a siren in rear of fire house.

**POLICE DEPARTMENT:** A chief and 3 special officers on call at all times and provided with car equipped with one-way radio.

**BUILDING LAWS:** Code adopted November 6, 1940 has little value from a fire protection standpoint, does not establish fire limits, and does not regulate the use of wooden shingles for roofing.

**FIRE PREVENTION ORDINANCE:** Code adopted January 2, 1945 is not sufficiently comprehensive and is of little value. State laws adequately cover the storage and shipment of explosives, the transportation of flammables, and the construction of motion picture booths. They also restrict the discharge of fireworks to responsible bonded parties.

**ZONING ORDINANCE:** Adopted July 1, 1930.

**SHREWSBURY TOWNSHIP FIRE DEPARTMENT:** A volunteer department of three companies under partial control of the township committee. The companies own the buildings and equipment. The township appropriated \$100.00 for the support of each company for 1947. Total membership 85, of whom 28 are available at all times, includes three chiefs, 3 assistant chiefs, 3 captains, and 4 lieutenants. All are elected annually by their respective companies. **Companies—Tinton Falls Fire Company:** Membership 40. Building is located at Tinton and Sycamore Avenues as shown on map, and is 1-story frame with composition roof, wood floor, electric lights, and stoves. No hose rack or tower. **Equipment:** One 1942 U.S.A. Chevrolet Darley 500-g.p.m. triple combination pumping engine carrying a 300-gallon booster tank, 150 feet of booster hose, 200 feet of 1½-inch hose, 1,500 feet of 2½-inch hose, 2 short ladders, 1 mechanical foam nozzle, and fair minor equipment. One 1935 Ford hose car carrying a 560-gallon booster tank, 200 feet of 1½-inch hose, 500 feet of 2½-inch hose, and poor minor equipment. **Wayside Community Fire Company:** Membership 30. Located at Hope and Bowne Roads. Building is 2½-story concrete block and frame with composition roof, concrete apparatus floor, electric lights, oil fired hot air heat, and telephone. No hose rack or tower. **Equipment:** A 1936 Ford-Barton 400-g.p.m. triple combination pumping engine carrying a 290-gallon booster tank, 150 feet of booster hose, 200 feet of 1½-inch hose, 200 feet of 1½-inch hose, 500 feet of 2½-inch hose, 2 short ladders, and meager minor equipment. A 1942 U.S.A. Ford 100-g.p.m. high pressure booster and hose car carrying a 350-gallon booster tank, 700 feet of booster hose, 1 short ladder, 1 mechanical foam nozzle, and poor minor equipment. **Pine Brook Fire Company:** Membership 15. Building is located on Pine Brook Road west of Hockhockson Road and is 1-story concrete block with tar paper roof, concrete floor, electric lights, and stoves. No hose rack or tower. **Equipment:** A 1920 Larrabee 500-g.p.m. triple combination pumping engine carrying 536-gallon booster tank, 150 feet of booster hose, 200 feet of 2½-inch hose, 2 short ladders, and meager minor equipment. A 1920 American La France chemical and hose truck carrying two 40-gallon chemical tanks, 100 feet of chemical hose, 2 short ladders, and poor minor equipment. **Hose:** All 2½-inch hose is C.R.L. with National Standard screw couplings. Hose is not tested and is replaced on the apparatus without drying. No hose drying facilities nor reserve hose. **Operations:** Governed by company by-laws. Chief has full control of men at fires and drills, but has no power to suspend members. Motors are started at least twice a week and a sufficient number are trained to operate same. **Drills and Training:** Monthly drills are conducted by the chief officers and consist of hose and ladder work and pump operations. **Fire Methods:** Booster streams are used. Engine and hydrant lines with shut-off nozzles laid only when necessary. Salvage equipment or gas masks are not provided. **Response to Alarms:** Companies respond to alarms within their areas. Aid may be secured from the other companies and surrounding fire departments. **Building Inspection:** None. **Records and Reports:** Consist mainly of attendance. No reports. **Fire Alarms:** Alarms are telephoned through various telephone exchanges to various locations near the fire stations and sirens are operated by push buttons from these stations.

**POLICE DEPARTMENT:** State police only.

**BUILDING LAWS:** None.

**FIRE PREVENTION LAWS:** No local regulations. State laws adequately cover the storage and shipment of explosives, the transportation of flammables and the construction of motion picture booths. They also restrict the discharge of fireworks to responsible bonded parties.

**ZONING ORDINANCE:** Adopted May 14, 1938.