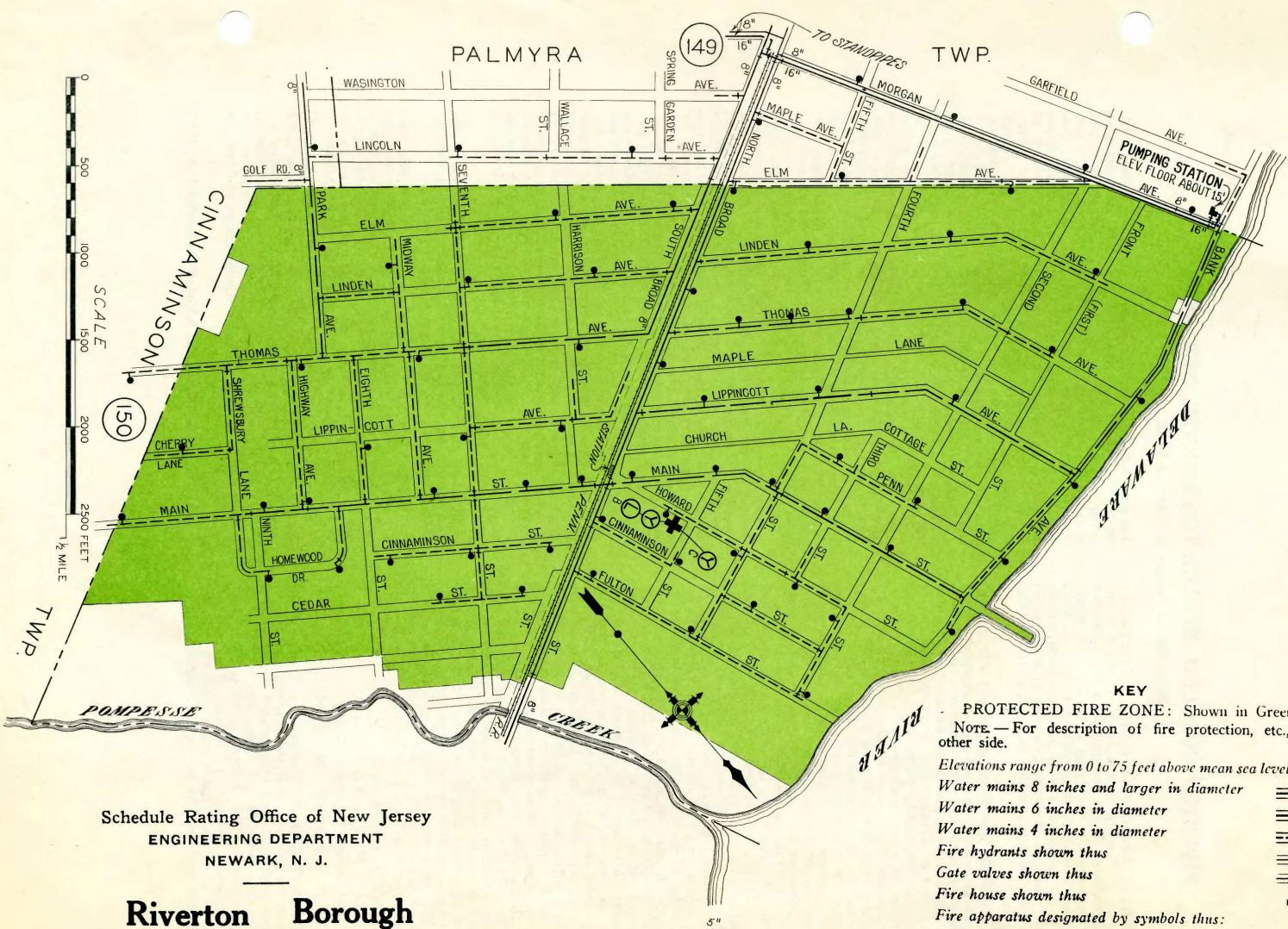


Superseding Map No. 148 of May 15, 1937. Please destroy old issue.



Schedule Rating Office of New Jersey
ENGINEERING DEPARTMENT
NEWARK, N. J.

Riverton Borough
Burlington County, New Jersey

SEPTEMBER 15, 1943

- KEY**
- PROTECTED FIRE ZONE: Shown in Green.
 - NOTE—For description of fire protection, etc., see other side.
 - Elevations range from 0 to 75 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:
 - ① Pumping engine and hose car
 - ② Ladder truck
 - ③ Booster tank or tanks on above
 - ④ Chemical tank or tanks on above

September 15, 1943.

RIVERTON BOROUGH, BURLINGTON COUNTY, NEW JERSEY.

Population — Census of 1940 was 2,354.

IN GENERAL: Located on the Delaware River about 8 miles northeast of Camden on the N. Y. Division of the Pennsylvania Railroad. It is a residential community with 6 small industries normally employing about 50. Area about 0.6 square miles. Elevations range from 0 to 75 feet. Main thoroughfares are improved and in good condition, others gravel in fair condition. Railroad crossings at grade could delay the response of fire apparatus to the southerly portion of the borough.

WATER SUPPLY: The Riverton-Palmyra Water Company owns and operates the supply works, pumping station and distribution system and appurtenances and supplies water for domestic and fire protection purposes to Riverton, Palmyra, and part of Cinnaminson Township. For details as to the organization, supply works, pumping station, and storage facilities see report with map of Palmyra No. 149. **Distribution System:** The system in Riverton is in one service consisting of two 8-inch arteries from parallel 8- and 16-inch transmission mains supplying unsupported 4- and 6-inch extensions with incomplete gridiron; see map. **Consumption:** The average and maximum daily pumpage in the entire territory served during 1942 was 403,000 and 814,000 gallons. On December 31st, 1942 there were 2,846 metered services in the entire territory served, of which 736 were in Riverton. **Pipe:** All cast iron, tar coated, bell and spigot joint; Class "B" laid with a 3½-foot cover. All but 3,000 feet is cement lined. No trouble reported from electrolysis, and freezing has been limited to services and short sections of 4-inch pipe. Total length, 44,400 feet; 61.4% 4-inch, 27.1% 6-inch, 9.7% 8-inch, and 1.8% 16-inch. **Gate Valves:** There are 60 in Riverton of Ludlow make with valve boxes set at grade. Direction of operation is not uniform. They are subject to regular inspection and operation. The fire department is notified when valves affecting hydrant supply are operated. **Hydrants:** There are 62 in Riverton of Ludlow and Wood makes of standard type. All have two 2½-inch outlets, 4-inch barrels and 4-inch branches. About 20% have one 4½-inch outlet in addition and branches are practically all gated. Hose outlets are 3-inch outside diameter with 6 threads per inch. Steamer outlets are National Standard. They are operated and oiled twice annually and were in good condition at time of inspection. **Pressures:** Recording gauge in Station No. 4 at about elevation 4 shows 142 feet with full standpipe. Readings taken at 4 widely distributed hydrants showed pressures ranging from 47 to 59 pounds with an average of 55 pounds. **Fire Flow Tests:** Probable supply available for fire protection purposes was measured on October 21st, 1936 by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow, and pressure during flow were as follows:

Main and Ninth Sts., 635—47—33.

N. Broad St. at Main St., 1,000—57—47.

Howard and Second Sts., 360—59—25.

Linden St. W. of Fourth St., 280—57—15.

FIRE DEPARTMENT: A volunteer organization of one company under partial control of the borough which owns apparatus and equipment and appropriated \$1,500 for the support of the department in 1942. Company owns quarters. Total active membership 20 including a chief, assistant chief, foreman, and assistant foreman. A minimum of 10 members are available at all times. Officers are elected annually by members but not confirmed by borough. **Company—River-**

ton Fire Department: Located on Howard Street near Fifth Street. Building is a 2-story brick and frame structure with metal covered wood roof. Apparatus floor part concrete and part wood. Hot water heat, electric lights, and 4 telephones. A 5-h.p. electric siren is located on roof. **Equipment:** One 1922 American La France 750-g.p.m. double combination pumping engine carrying 700 feet of 2½-inch and 300 feet of 1½-inch hose, one 30-foot extension ladder, one roof ladder, one deluge set, and fair minor equipment. One 1927 American La France 750-g.p.m. triple combination pumping engine carrying one 40-gallon chemical tank, 150 feet of chemical hose, 900 feet of 2½-inch hose, and fair minor equipment. One 1939 American La France city service ladder truck carrying a 250-gallon booster tank, 200 feet of booster hose, 200 feet of 1½-inch hose, 6 ladders ranging from 12 to 40 feet, totaling 140 feet, 4 salvage covers and good minor equipment. **Hose:** All 2½-inch hose is C.R.L. with Jones snap couplings. It is repacked monthly at drills and is subject to shut-off tests quarterly at 150 pounds. No suitable drying facilities are installed. Hose on hand totals 1,600 feet. There is no hose in reserve; 1,000 feet of 2½-inch hose is over 11 years old; balance is new hose. **Operations:** Department governed by municipal ordinance and company by-laws. Chief has control of equipment at all times and of men at fires and drills. Charges are preferred to the company. Motors are started weekly. There are 10 assigned drivers. **Drills and Training:** Company drills are held monthly. They consist of knot tying, pumping operation, hose laying, and some ladder work. Some members attend the Philadelphia Fire School. **Fire Methods:** Chemical streams and 1½-inch lines are used on incipient fires supported by engine streams with shut-off nozzles. Two gas masks and 4 salvage covers provided. **Response to Alarms:** The entire department responds to all alarms in the borough. City service truck responds to alarms in Palmyra and Cinnaminson Township. Aid may be secured from Palmyra and Cinnaminson, two to three miles distant. **Building Inspection:** Annual inspection of mercantile occupancies and public buildings are made by chief officers. No records of inspections are available. **Records and Reports:** Records consist of reports including nature of alarms and attendance. Reports are made to the chairman of the fire committee annually. **Fire Alarms:** Alarms of fire are telephoned through Riverton Exchange where a switch controlling the siren on fire station is located and sounded from that point.

POLICE DEPARTMENT: Consists of 3 uniformed officers including a chief. One officer is on duty on each of three shifts. One municipal patrol car is provided.

BUILDING LAWS: Code adopted December 9th, 1926 provides for the annual appointment of a building inspector and embodies some good construction requirements, but is not sufficiently comprehensive from a fire protection standpoint. Wood shingle roofs are prohibited only within 20 feet of adjacent buildings. Fire limits are not established.

EXPLOSIVES AND FLAMMABLES: No municipal regulations, except that building code contains some good provisions as to garages and the storage of flammable oils. The state laws adequately cover the storage and shipment of explosives and flammables and the construction of motion picture booths. They also restrict the discharge of fireworks to responsible bonded parties.

ZONING ORDINANCE: Adopted September 11th, 1930.