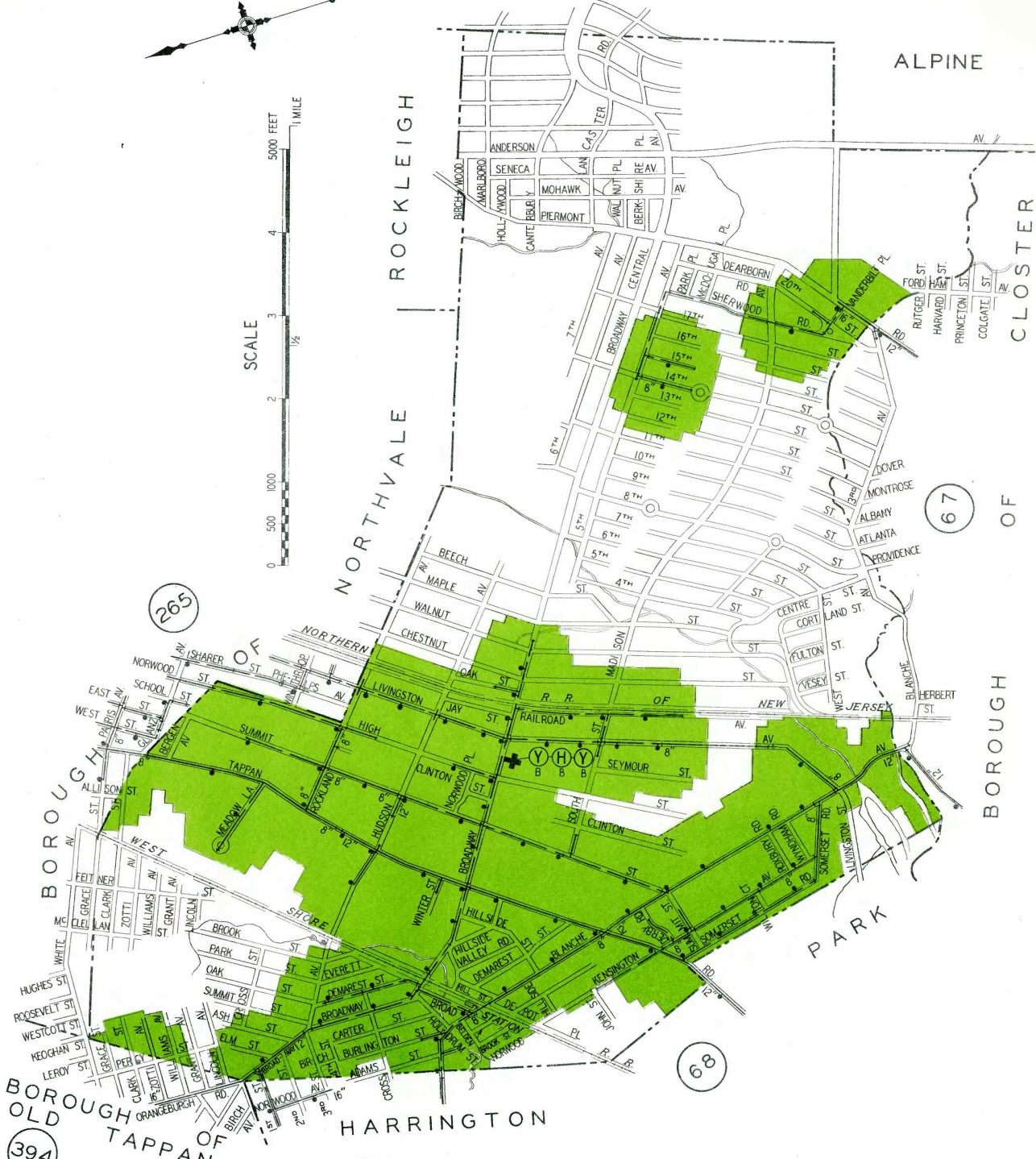


Superseding Map No. 69 of June 29, 1946. Please destroy old issue.

BOROUGH OF



KEY

PROTECTED FIRE ZONE: Shown in Green.

NOTE.—Fire protection report on file in Engineering Department of F. I. R. O. of N. J.

Elevations range from 30 to 360 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

(H) Hose car

(O) Booster tank or tanks on above



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

Norwood Borough
Bergen County, New Jersey

NOVEMBER 30, 1951

June 29, 1946.

NORWOOD BOROUGH, BERGEN COUNTY, NEW JERSEY.

Population—1940 Census—1,512.

IN GENERAL: Located on the West Shore Railroad and Northern Railroad of New Jersey in the northeast part of the county. It is a residential community with no manufacturing. Area 2.9 square miles. Elevations range from 30 to 360 feet. Through roads are improved, others being dirt or gravel in fair to poor condition. Railroad grade crossings might interfere with the response of fire apparatus.

WATER SUPPLY: Water for domestic and fire protection purposes is furnished by the Hackensack Water Company from its New Milford Low Service. Supply is through a single 12-inch main from the New Milford Pumping Station which connects with a 12-inch main from the Western Reservoir, which acts as an equalizer. For a detailed description of the Hackensack Water Company system see report and map No. 59. **Distribution System:** In one service consisting of 12-inch and 8-inch arteries with 6-inch and 8-inch mains and little or no gridiron. See map. **Consumption:** The average and maximum daily consumption during 1945 in the entire territory served (84,266 live services) were 39,221 and 46,526 million gallons respectively. The maximum daily consumption was 39,526 and 8.65 million gallons respectively on the low and high services. The average daily consumption was 32,914 and 6,307 million gallons respectively on the low and high services. On December 31st, 1945 there were 405 services in Norwood, all of which were metered. It is estimated that 0.151% of the total consumption is used in Norwood. **Pipe:** All pipe is cast iron, tar coated, bell and spigot joint, laid with a minimum 3-foot cover. Total length, 57,006 feet; 0.94% 16-inch, 17.63% 12-inch, 19.80% 8-inch, and 61.63% 6-inch. No trouble has been reported from freezing or electrolysis. **Gate Valves:** There are 110 within the borough of various makes set with iron boxes at grade. Direction of operation is uniform. All valves are inspected annually and semi-annual inspections are made of major control valves. **Hydrants:** There are 68 within the borough of Smith and Corey makes of standard type. All have two 2½ and one 4½-inch outlets and all have 6-inch gated branches with the exception of one which has 4-inch gated branch. Hydrant outlets have National Standard threads. Hydrants are inspected semi-annually, after use, and frequently during severe weather. At time of inspection those operated were found to be in good condition. **Pressures:** Readings taken at 4 well distributed locations showed pressures ranging from 75 to 102 pounds with an average of 89 pounds. **Fire Flow Tests:** Probable supply available for fire protection purposes was measured on November 7th, 1945 by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow, and pressure during flow were as follows:

Broad St. and Blanche Ave., 740—95—30.
Broadway and Tappan Rd., 800—75—22.
Broadway and Oak St., 600—102—23.
Rockland Ave. and Summit St., 900—83—33.

FIRE DEPARTMENT: A volunteer organization of one company under the control of the borough which owns apparatus and equipment and appropriates about \$3,000 annually for the support of the department. Company owns fire house. There are 35 active members with a minimum of 8 available

at all times. Officers include a chief, assistant chief, foreman, and 2 assistant foremen, all of whom are elected annually by the company with mayor and council confirming the elections. **Company—Norwood Fire Company No. 1:** Located on Broadway west of Livingston Avenue in a 2-story joisted brick building having a composition on wood roof, concrete apparatus floor, steam heat, electric lights, telephone, and siren on roof. **Equipment:** A 1930 Ahrens-Fox 500-g.p.m. triple combination pumping engine carrying a 100-gallon booster tank, 300 feet of booster hose, 1,000 feet of 2½-inch hose, 200 feet of 1½-inch hose, 2 short ladders, a distributor nozzle, and meager minor equipment. A 1930 Ford Model "A" hose car carrying a 35-foot extension ladder, 300 feet of 2½-inch hose, and meager minor equipment. **Hose:** All 2½-inch hose is C.R.L. with National Standard screw couplings. It is shifted and tested semi-annually at about 175 pounds pressure. There are no drying facilities and hose is repacked wet. About 50% is over five years old and there is no reserve hose. **Operations:** Department is governed by borough ordinance and company by-laws. Chief has control of apparatus at all times and of men at fires and drills. Motors are started weekly and all members may drive apparatus. **Drills and Training:** Monthly drills are held under the supervision of chief officers and consist of the usual evolutions. **Fire Methods:** Booster lines are used on incipient fires reinforced by hydrant and engine lines with shut-off nozzles. Department is provided with one distributor nozzle, but is totally lacking in gas mask and salvage equipment. Both pieces of apparatus respond to all alarms and outside aid may be secured from the surrounding volunteer departments. **Building Inspection:** Chief makes occasional inspections of schools only. No records are kept and no report made. **Records and Reports:** Fairly complete records are kept of all fires and drills and chief makes a monthly report to the fire commissioner who in turn reports to the mayor and council. **Fire Alarms:** Alarms of fire are telephoned to the police desk, a nearby service station, or the police chief's home. They are sounded on the siren by means of a switch located at the police desk.

POLICE DEPARTMENT: Consists of a chief, 1 patrolman, and 1 special officer. There is no 24-hour duty at any one location. Department is provided with a patrol car with radio receiver. There is one telephone line to the police desk with 2 street telephone boxes which are extensions to the police telephone. Police usually respond to alarms of fire and report unauthorized building construction to the building inspector.

BUILDING LAWS: Code adopted August 9th, 1921 has some good provisions for chimneys and heating appliances, but in other respects is not sufficiently comprehensive from a fire prevention standpoint.

FIRE PREVENTION LAWS: There are no municipal regulations. 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 October 2nd, 1923 and amended in 1935 and 1937.