

Superseding Map No. 347 of March 30, 1929. Please destroy old issue.

BOROUGH OF BELMAR

ELEVATED TANK
ELEV. OF BASE 17'
ELEV. OF CENTER OF GRAVITY 18'
CAPCY. 100,000 GALS.



2000's 78693 SOUTH
 BK 2-11-25070

KEY

PROTECTED FIRE ZONE: Shown in Green.

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

Elevations range from 0 to 40 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) Automobile combination pumper and hose car

(H) Hose car

(O) Booster tank or tanks on above



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

**West Belmar,
Wall Township
Fire District No. 1
Monmouth County, New Jersey**

SEPTEMBER 15, 1938

WEST BELMAR, WALL TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY.**Fire District No. 1.**

Population—Estimated to be about 600 permanent; 1,000 in summer.

IN GENERAL: Located south of Belmar and west of South Belmar on the New York & Long Branch Railroad. Mainly a summer residential community of the less expensive type. Area about 0.46 square miles. Elevations range from 0 to 40 ft. Main roads concrete, others gravel in fair to poor condition. No conditions which would interfere with response of fire apparatus.

WATER SUPPLY: Water for domestic and fire protection purposes is furnished by the Borough of Belmar. (See report with Map No. 208.) District owns distribution system and appurtenances. System is under supervision of secretary of fire department. Extensions are made by the Borough of Belmar. Local plumber makes taps. No vehicle provided. No records of distribution system. **Distribution System:** In one service, see map. The district is supplied by the Belmar distribution system through one 8-in. and two 6-in. meters. Supply to district is through 10- and 8-in. feeders poorly gridironed with 6-in. pipe. Numerous 6-in. dead ends. **Elevated Tank:** Located as shown on map, steel, on a 94.5-ft. steel tower. Elevation of base 33 ft.; elevation of overflow 150 ft. Capacity 100,000 gallons, diameter 24 ft., height 22½ ft. **Consumption:** The average consumption during 1937 was 0.047 m.g.d. There were 250 unmetered services on December 31, 1937. **Pipe:** Cast iron, tar coated, bell and spigot joint, laid with a 3-ft. cover. Total length, 54,700 ft.; 0.64% 4-in., 87.5% 6-in., 8.23% 8-in. and 3.64% 10-in. No trouble from frozen mains or electrolysis. **Gate Valves:** 116 of Eddy make, set with iron boxes to grade. All turn right to open. No regular valve inspection. Fire department notified when valves affecting hydrants are operated. **Hydrants:** 66 of Corey make with two 2½-in. outlets, one 5-in. outlet, 6-in. barrels and 6-in. gated branches. Hydrants are maintained by the fire department and inspected once a year. Those operated during inspection were found to be in good condition. **Pressures:** Readings taken at four hydrants widely distributed showed an average pressure of 49 pounds. **Fire Flow Tests:** Probable supply available for fire protection purposes was measured on August 11, 1938, by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow and pressure during flow were as follows:

Highway No. 4N and 17th Ave., 1,580—49—40

River St. and Curtis Ave., 1,500—49—37.

Laurel Ave. and Oak Dr., 1,420—49—36

Highway No. 4N and 2nd Ave., 1,500—49—28

FIRE DEPARTMENT: A volunteer organization of one company under full control of District

Board of Fire Commissioners. Board consists of five commissioners who are elected for a three-year term. District owns house, engine and equipment. Company owns hose car. Township appropriated \$1,800 for the support of the department in 1938. There are 40 members including a chief, an assistant chief, a foreman and two assistant foremen, of whom about 20 are available during the day and 30 during the night. Officers are elected annually by members and confirmed by fire commissioners.

Company—Wall Fire Company No. 1: Located on State Highway No. 4N, near Woodland Ave. Building is a two-story frame structure with a slag roof, concrete apparatus floor, hot water heat and electric lights. **Equipment:** A 1924 Seagrave 400-g.p.m. engine carrying an 80-gallon booster tank, 190 ft. of booster hose, 1,000 ft. of 2½-in. hose, 2 short ladders and fair minor equipment. A 1915 Locomobile hose car carrying 500 ft. of 2½-in. hose and some minor equipment. **Hose:** All 2½-in. hose is C.R.L. with National Standard screw couplings. There are no regular hose tests and no hose drying facilities are provided. Hose is shifted at fires and drills. No reserve hose. **Operations:** Department governed by company by-laws. Chief has control of apparatus at all times and of men at fires and drills. He can not suspend members, but may prefer charges to fire commissioners. Motors turned over daily. Five members of the department are appointed drivers. **Drills and Training:** No regular drills. **Fire Methods:** Booster streams used on incipient fires, reinforced with hydrant and engine streams with shut-off nozzles. Engine does not often hook up. No salvage equipment is provided, but gas masks are carried. **Response to Alarms:** Entire department responds to all alarms in Wall Township Fire District No. 1. Outside aid may be secured from Wall Township Fire District No. 2, Spring Lake Heights, Belmar and South Belmar under the Monmouth County cover-up system. **Building Inspection:** None by department. **Records and Reports:** A record is kept of the number of men attending fires and of the number of fires during the year. **Fire Alarms:** Alarms of fire are sent through the Asbury Park Telephone Exchange to driver's dwelling near fire house and are sounded from there on siren at fire house.

POLICE DEPARTMENT: There is one uniformed chief who covers entire township, and nine fire police who are appointed by fire company.

BUILDING LAWS: None.

EXPLOSIVES AND FLAMMABLES: No municipal regulations. State law restricts the use of fireworks to only responsible bonded parties.