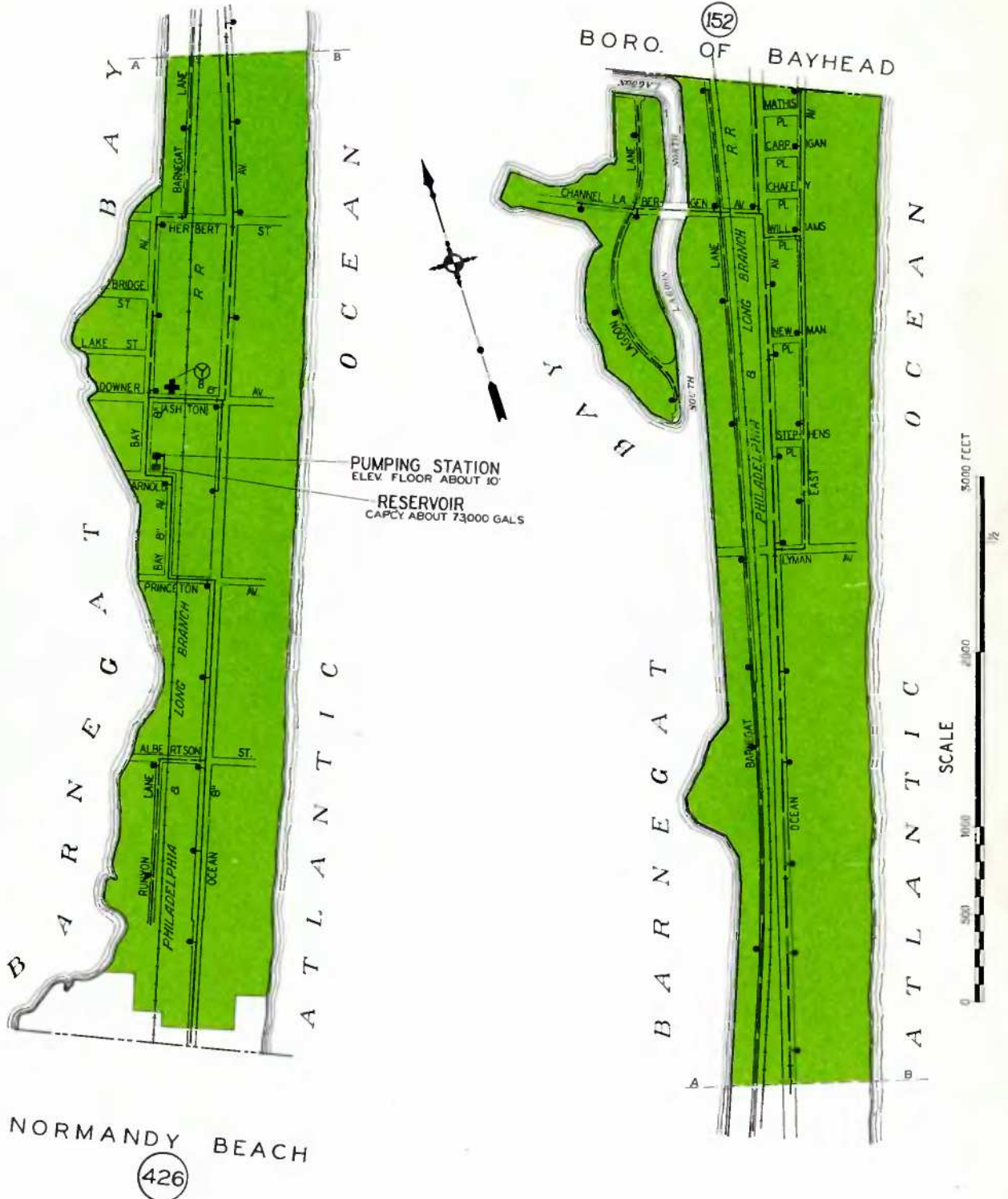


Superseding Map No. 360 of October 15, 1937. Please destroy old issue.



NORMANDY BEACH
 (426)

KEY

- PROTECTED FIRE ZONE: Shown in Green.
- NOTE.—For description of fire protection, etc., see other side.
- Elevations practically flat at an average of about 10.
- 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.
- (O) Booster tank or tanks on above

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

**Mantoloking Borough
 Ocean County, New Jersey**

MAY 31, 1949

MANTOLOKING BOROUGH, OCEAN COUNTY, NEW JERSEY.

Population—1940 Census—58. Estimated Summer—2,500.

IN GENERAL: Located between Barnegat Bay and the Atlantic Ocean adjoining the southerly limits of Bay Head. It is mainly a summer resort of substantial homes. Area about 0.5 square mile. Elevations range from 0 to 10 feet. Main thoroughfares are paved and other roads are gravel in generally good condition.

WATER SUPPLY: Water for domestic and fire protection purposes is furnished by the Ocean County Water Company, a subsidiary of the American Water Works Company, Inc. Supply is obtained from wells in Bay Head, Mantoloking, and Normandy Beach. For a detailed description of the Ocean County Water Company system, see report on Bay Head with map No. 152. **Distribution System:** In one service consisting of long 6-inch and 8-inch mains with little or no gridiron. **Consumption:** The average and maximum daily consumption in the entire area served during 1947 was 0.308 and 1.053 million gallons. It is estimated that the average and maximum daily consumption in Mantoloking only was 0.141 and 0.320 million gallons. There were 301 services in Mantoloking as of December 31, 1947, none of which was metered. **Pipe:** All pipe is cast iron, tar coated, with bell and spigot joint, laid with a 3-foot cover. Total length, 29,838 feet; 15.1% 8-inch, 65.2% 6-inch, 8.4% 4-inch, and 11.3% 3-inch. No trouble reported from frozen mains or electrolysis. **Gate Valves:** There are 22 on the system of Ludlow make with valve boxes set at grade. They are inspected annually. **Hydrants:** There are 44 of Ludlow, Iowa, Eddy, and Mathews makes. There are 40 which have one 4½-inch and two 2½-inch outlets and 6-inch branches. There are 3 which have two 2½-inch outlets and 6-inch branches. The remaining one has two 2½-inch outlets and 4-inch branch. There are 13 which have gated branches and 31 which have ungated branches. All hydrant outlets are National Standard. Hydrants are inspected semi-annually and were in good operating condition at time of this inspection. **Pressures:** Readings taken at 4 locations showed pressures ranging from 52 to 55 pounds with an average of 53 pounds. **Fire Flow Tests:** Probable supply available for fire protection purposes was measured on February 8, 1949 by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow, and pressure during flow were as follows:

Bay and Downer Aves., 750—55—26.
 Ocean Ave. 500 ft. S. of Albertson St., 517—52—25.
 Ocean and Lyman Aves., 336—52—45.
 Lagoon Lane last hydrant south, 279—52—*.
 *No reading taken.

FIRE DEPARTMENT: A volunteer organization of one company under the control of the borough which owns house, apparatus, and equipment and makes an annual appropriation for the support of the department. There is a total active membership of 20 men. There are at least 10 men available

during the day and 15 at night. A chief and an assistant chief are appointed every three years by the mayor and council. **Company:** Located in a section of the borough hall on Downer Street at Bay Avenue. Building is a 2-story stuccoed cinder block structure with an asbestos shingled wood roof, electric lights, steam heat, telephone, and air horn. The borough superintendent has living quarters on the second floor. **Equipment:** One 1935 Hale-Ford 500-g.p.m. triple combination pumping engine carrying a 150-gallon booster tank, 1,000 feet of 2½-inch hose, 500 feet of 1½-inch hose, 150 feet of booster hose, 2 all-purpose gas masks, 2 short ladders, and fair minor equipment. **Hose:** All 2½-inch and 1½-inch hose is C.R.L. The 2½-inch hose has National Standard threads. It is tested semi-annually at 150 pounds and dried on hose rack. In reserve there is about 1,600 feet, of which 1,000 feet was purchased since 1937. **Operations:** Department is governed by borough ordinance. Chief has control of apparatus at all times and of men at fires and drills. Motor started occasionally and all members are trained as operators. **Drills and Training:** Drills are held at least semi-monthly consisting of pumping and laying hose lines. **Fire Methods:** Booster lines are used on incipient fires supported by engine lines with shut-off or open nozzles. There are 2 all-purpose gas masks, but no salvage nor heavy stream equipment is provided. **Response to Alarms:** Department responds to all alarms within the borough and outside aid may be secured from Bay Head. **Building Inspection:** None by the fire department. The borough superintendent, who is a fireman and also building inspector, makes inspections of hazards that he knows about or are reported to him. **Records and Reports:** Fair records are kept of fires, drills, and attendance. No reports are made to mayor and council. **Fire Alarms:** There is no fire alarm telegraph system. Alarms are telephoned to borough hall where there is always someone available and are sounded on air whistle.

POLICE DEPARTMENT: Consists of the borough superintendent who is chief and 2 uniformed officers. Another officer is to be added this year. One car and 2 motorcycles are provided, but no radio.

BUILDING LAWS: A code adopted December 13, 1930 establishes fire limits, prohibits flammable roof covering within fire limits and also on public and semi-public buildings within the borough, limits heights and areas, and in general is satisfactory for this municipality.

FIRE PREVENTION LAWS: Building code has good provisions regarding garages and explosives, but there is no fire prevention code covering other hazards. 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 June 17, 1933.