



KEY

PROTECTED FIRE ZONE: Shown in Green.

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

Elevations range from 0 to 20 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:

Ⓨ Pumping engine and hose car

Ⓛ Ladder truck

Ⓞ Booster tank or tanks on above



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

Wanamassa, Ocean Township
Fire District No. 2
Monmouth County, New Jersey

MARCH 15, 1944

WANAMASSA, FIRE DISTRICT No. 2, OCEAN TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY.

Population — Township Census of 1940 was 4,200.

1943 Estimated Population for District — 2,500 Winter; 2,700 Summer.

IN GENERAL: The district surrounds the Borough of Interlaken on three sides, is located west of the Borough of Allenhurst and separated on the south from Asbury Park by Deal Lake. It is a residential community with a small business section and no industries. Streets are of hard and improved surface in good condition. Area is about 2 square miles. Elevations range from 0 to 30 feet. Transportation is provided by buses. No grade crossings or any conditions that would seriously interfere with fire department operations.

WATER SUPPLY: Water for domestic and fire protection purposes is furnished by the Monmouth Consolidated Water Company, a subsidiary of the American Water Works and Electric Company which owns supply works and distribution system and supplies water to 18 other municipalities in this area. For information on supply works and distribution system see report with Map No 78. **Distribution System:** Supply is from the 20-inch transmission main from Long Branch. **Consumption:** The average and maximum daily consumption in the entire territory served, 24,822 services, during 1943 was 6.80 and 12.41 m g d. It is estimated that the average and maximum daily consumption in Wanamassa was .114 and .220 m g d. On December 31st, 1943 there were 1,611 services in Ocean Township, all of which were metered. **Pipe:** All pipe is cast iron, tar coated, bell and spigot joint, laid with about a 3-foot cover. Some fairly recent extensions are cement lined. Total length, 68,000 feet; 15.6% 20-inch, 0.9% 10-inch, 5.3% 8-inch, 76.4% 6-inch, 1.8% 4-inch. No trouble from frozen mains or electrolysis. **Gate Valves:** There are 110 on the system of Ludlow make. All open to right. Set in iron boxes at grade. No regular inspection. **Hydrants:** There are 69 of Ludlow make of standard type; 10 have two 2½-inch outlets only and 59 have a steamer outlet in addition. All but one have 4- or 6-inch gated branches. They are inspected semi-annually. **Pressures:** Readings taken at 3 hydrants showed pressures ranging from 60 to 77 pounds with an average of 69 pounds. **Fire Flow Tests:** Probable supply available for fire protection purposes was measured on May 12th, 1936 by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow and pressure during flow were as follows:

Sunset Ave and Vina Ave, 960—70—58
Monroe and Allenhurst Aves., 380—60—20
Wanamassa Dr near Deal Lake, 580—77—63

FIRE DEPARTMENT: A volunteer organization consisting of one company under supervision of fire commissioners. Fire house is owned by a holding company. The district owns apparatus and all equipment and appropriated \$2,500 for the support of the fire department in 1943. The fire department responds by verbal agreement to all calls from Loch Arbour, District No 3; and from the Borough of Interlaken. Total active membership 41, of whom 14 are available at all times. In addition there are 22 reserve members and 9 exempt firemen, of whom 10 are available at all times. Officers consist of a chief and 2 assistant chiefs who are elected annually and confirmed by commissioners. **Company—Wanamassa Fire Company No. 1:** Fire house is located on Wickapecko Drive at Sunset Avenue. Building is a 2-story cinder block and joisted brick structure with two stores in addition to apparatus, and meeting rooms and hall on second floor. Building has a composition covered wood roof, electric lights, steam heat, concrete apparatus floor, and extension telephone from switchboard at police headquarters. **Equipment:** A 1940 Ward La France triple combination 750-g p m. pumping engine carrying a 300-gallon booster tank, 250 feet of ¾-inch booster hose, 1,250 feet of 2½-inch hose, 350 feet of 1½-inch hose, 2 short ladders, and fair minor equipment. A 1929 Marmon double combination pumping engine with a W S Darley front mounted pump,

capacity about 200 g p m., 600 feet of 2½-inch hose, 400 feet of 1½-inch hose, 2 short ladders, and fair minor equipment. A 1927 G M.C. city service ladder truck with 5 ladders ranging from 12 to 40 feet, totaling 112 feet, portable deck nozzle, portable gasoline engine driven electric generator with two floodlights on 120 feet of cable, and meager minor equipment. First-aid ambulance with one all-service gas mask and resuscitator. **Hose:** All 2½-inch hose is C.R.L. with National Standard screw couplings. The supply of 2½-inch hose totals 2,850 feet, of which 1,000 feet is new and held in reserve. Total supply of 1½-inch hose is 750 feet, none of which is in reserve. All hose is in good condition with average age of 3 years. Hose is dried on floor of fire house. Hose is shifted every other month and tested at drills to 200 pounds pressure. **Operations:** Department is governed by company by-laws. Chief has control of apparatus at all times and of men at fires and drills. He may suspend members pending a hearing before company. Twelve members are appointed as engineers, all of whom can drive apparatus. **Drills and Training:** Drills are held monthly and instruction given by chief and pensioned fire officer. Drills consist of hose laying, ladder raising, pump operation, and use of equipment. **Fire Methods:** Booster streams and chemical extinguishers are used on incipient fires reinforced by engine and hydrant lines with shut-off nozzles. No gas masks, salvage covers, nor heavy stream appliances provided. **Response to Alarms:** All apparatus responds to calls within district, triple combination to Interlaken, and the double combination to all other calls. Outside aid may be secured from Asbury Park, Oakhurst, Allenhurst, and Neptune Township, all within three miles over good roads. **Building Inspection:** No regular inspections are made by the fire department. **Records and Reports:** Attendance and fire records are fair. Chief makes annual report to commissioners. **Fire Alarms:** Alarms are telephoned to switchboard at police headquarters, which has an extension to fire house. No watch at fire house. House phone has outside bell and if necessary officers of department living near fire house can be telephoned from police headquarters. Alarms are sounded on siren on roof of fire house and location posted in fire house.

POLICE DEPARTMENT: Paid police force consists of a chief, two captains and seven patrolmen working in eight-hour shifts. There are five well distributed police boxes over which patrolmen report each half hour and which are open to public for reporting fires. No signaling system. Deskman at police headquarters continuously. During 6 hours in the evening and 2 hours in the morning there is only one patrolman with car; at all other times there are two patrolmen. There are three patrol cars all equipped with one-way radios. Police report to all fires in township and department cooperates with building inspector.

BUILDING LAWS: Code adopted November 15th, 1929 provides for the appointment of a building inspector. Inspector has no regular hours nor office and reports semi-annually to township committee. The code has a few worthy features, but is not sufficiently extensive from a fire protection standpoint. Flammable roof coverings are not prohibited or limited.

EXPLOSIVES AND FLAMMABLES: 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 May 27th, 1930 establishes three residential districts, business districts, and one industrial district. Manufacturing is prohibited in Fire District No 2.