THE FIRE INSURANCE RATING ORGANIZATION OF N. J.
Engineering Department
NEWARK 2, NEW JERSEY
Insert Correction for Protected Fire Zone Map No. 382
Camden County
JULY 31, 1950
IN GENERAL: Located in the center of the county about 7 miles from Camden on the White Horse Pike. It is a residential community with no manufacturing. Area about 1.5 square miles. Elevations range from 30 to 124 feet. Main roads are concrete, others being dirt or gravel in fair to poor condition. There are no features which should interfere with the response of fire apparatus.

WATER SUPPLY: Water for domestic and fire protection purposes is furnished by the New Jersey Water Company, a subsidiary of the Water Utilities Service Corporation, which owns supply works, distribution system, and appurtenances. Supply is through about 3,500 feet of 6-inch main from the Main Station in Haddon Heights. For details as to organization, supply works, pumping station, and storage facilities see report with map No. 203. In addition to this regular supply there is a normally open emergency connection with check valve to the Laurel Springs Water Company system through a 6-inch main at the Magnolia Borough line. For details of the Laurel Springs Water Company see report with map No. 100. Distribution System: In one service consisting of a 12-inch artery in White Horse Pike with 6-inch mains having practically no gridiron. Consumption: The average and maximum daily pumping of the Haddon Division, including the Runnemed Station, during 1947 was 2,927 and 3,631 million gallons. On December 31, 1947 there were 9,095 live services in the Haddon Division. On that date there were 99 live services in Lawnside, all of which were metered. Pipe: All pipe is cast iron, tar coated, bell and spigot joint, laid with a 3-inch foot cover. Total length, 10,700 feet. 34.6% 12-inch and 65.4% 6-inch. No trouble was reported from freezing or electrolysis. Gate Valves: There are 19 in the borough of Wood make set in iron boxes to grade. All but two of the valves turn left to open. Valves are inspected annually. Hydrants: There are 12 in the borough of Iowa and Wood makes of standard type with two 2½-inch and one 4-inch outlets and 6-inch gated branch. Five hydrants are provided with hose outlets having an outside diameter of 3½ inches with 6 threads per inch. Seven hydrants have hose outlets with Jones snap couplings. Larger outlets on all hydrants have an outside diameter of 5⅞ inches with 7 threads per inch. Hydrants are inspected semi-annually and at time of resurvey those operated were found to be in good condition. Pressure: Readings taken at 2 hydrants showed pressures of 30 and 36 pounds with an average of 33 pounds. A reading taken on the first hydrant in Magnolia south of the check valve showed a static pressure of 22 pounds. Fire Flow Tests: Probable supply available for fire protection purposes was measured on January 13, 1949 by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow, and pressure during flow were as follows:

Warwick Rd. and Hodges Ave., 330—30—6.
Warwick Rd. near Tillman St., 260—36—3.

FIRE DEPARTMENT: A volunteer organization of one company under partial control of the borough which makes an annual appropriation for the support of the department. Company owns the house and the borough owns the apparatus and equipment. Total active membership 24, of whom a minimum of 10 are available at all times. Officers include a chief and 2 assistant chiefs. Chief is elected annually by the company and confirmed by the borough council. Chief appoints the two assistant chiefs. A fire marshal is appointed annually by the borough. Company—Lawnside Volunteer Fire Company: Located at Hodges Avenue and Warwick Road in a 1-story concrete block and frame building with concrete apparatus floor, composition covered wood roof, electric lights, coal stove, and siren, but no telephone. Equipment: A 1947 Oren-Chevrolet 500g.p.m. triple combination pumping engine carrying a 500-gallon booster tank, 600 feet of booster hose, 600 feet of 2½-inch hose, 500 feet of 1½-inch hose, a 1,250-watt portable electric generator, 3 portable lights, 2 short ladders, and meager minor equipment. A 1934 Philadelphia Fire Truck Company-Chevrolet triple combination pumping engine with a 500-g.p.m. Barton front-mounted pump, a 300-gallon booster tank, 900 feet of 2½-inch hose, 150 feet of 1½-inch hose, 2 short ladders, one siamese connection, and meager minor equipment. Hose: All 2½-inch hose is C.R.L. with Jones snap couplings. It is shifted and tested semi-monthly at 120 pounds pressure and dried on apparatus floor. About 200 feet is over 5 years old and there is no reserve hose. Operations: Department is governed by company by-laws. Chief has control of apparatus at all times and of men at fires and drills. Motors are started three times a week and 7 men are appointed as drivers. Drills and Training: Drills are held weekly under the supervision of the chief officers and consist of hose laying, pump operation, and use of minor equipment. Fire Methods: Booster lines are used on incipient fires reinforced by hydrant and engine lines with shut-off nozzles. Department is provided with one siamese, but is totally lacking in gas masks, salvage equipment, and heavy stream appliances. Response to Alarms: Both pieces of apparatus respond to all alarms within the borough, and outside aid may be secured from the volunteer departments of the neighboring communities. Building Inspection: Fire marshal makes occasional inspections of stores and schools. Records and Reports: Fairly complete records are kept of fires and drills. Fire marshal submits a report on each fire to the county fire marshal and makes an annual report to the borough. Fire Alarms: Alarms of fire are telephoned to an undertaker’s establishment near the fire house where there is someone in attendance at all times. Alarms are sounded on the siren by means of a push button mounted on the front of the fire house.

POLICE DEPARTMENT: Consists of a chief and 2 paid officers, one of whom is on duty at all times. Men use their own cars.

BUILDING LAWS: Code is said to exist, but is out of print and no copy was available, but it is anticipated that a new code will be adopted in the near future.

FIRE PREVENTION LAWS: No municipal regulations. State laws adequately cover the storage and shipment of explosives, the transportation of flammable materials, and the construction of motion picture booths. They also restrict the discharge of fireworks to responsible bonded parties.

ZONING ORDINANCE: None.