OH10..049

100 Sheets
LIMA, OHIO.
KEY MAP
(3551)

NEW REPORT, October, 1933

POPULATION: 42,278

Prevailing Winds:—Northwest.

PAVING:—65 miles of paved streets in generally good condition.
GRADES:—Practically level.
PUBLIC LIGHTS:—Electric.

WATER FACILITIES

Municipal ownership. Direct pressure system. Supply from Ottawa River, 110 sq. miles water shed. Thence pumped at 2 low-lift stations into storage reservoirs from which it flows by gravity to receiving basins at high duty pumping station. Supply then raised by low-lift pumps to filtration plant and re-pumped to distribution system. 2 wells, 400' deep each, with Pomona deep well pumps delivering 500,000 gallons per day, discharge direct into Lima Lake Reservoir. 4 wells, delivering 1,250,000 gallons per day, located at Tony's Nose, midway between Lima Lake and Lost Creek Reservoirs. Wells connected by common suction to single-stage DeLaval centrifugal electric driven pump, rated capacity 3,250,000 gallons per day. Lima Lake Storage Reservoir, located 3 miles east of center of City, approximate capacity 400,000,000 gallons. 2 electric centrifugal low-lift pumps drawing from receiving well filled by Ottawa River, capacity 12,000,000 gallons per day each.

Lost Creek Storage Reservoir, located 2 miles east of center of City, capacity 860,000,000 gallons. 2 Platt electric centrifugal low-lift pumps, capacity 23,000,000 gallons per day each. Receiving twin reservoirs, located back of high duty pumping station, combined capacity 120,000,000 gallons, supplied by 30" main from storage reservoirs and wells. Total of stored raw water about 1,280,000,000 gallons. Filtration Plant has 2 settling basins with combined capacity of 725,000 gallons, 6 rapid sand filters, each with a nominal daily capacity of 1,877,000 gallons, and 1 clear well, capacity 500,000 gallons. Low-lift pumps at Main Pump Station: 1 DeLaval electric centrifugal pump, capacity 6,000,000 gallons per day, 2 DeLaval electric centrifugal pumps, capacity 4,000,000 gallons per day each, 1 DeLaval steam driven centrifugal pump, capacity 4,000,000 gallons per day. High-lift pumps at Main Pump Station: 1 Snow steam driven compound pump, capacity 6,000,000 gallons per day, 3 Fairbanks-Morse electric centrifugal pumps, capacity 6,000,000 gallons per day each. Two 20" water pipes discharge into distribution system.

105.17 miles of 4" to 20" water mains. 768 hydrants in Lima and vicinity (650 in Lima). Average daily consumption 4,600,000 gallons. Average domestic pressure 55 to 65 lbs. Direct fire pressure boosted by fire department pumpers only.

FIRE DEPARTMENT

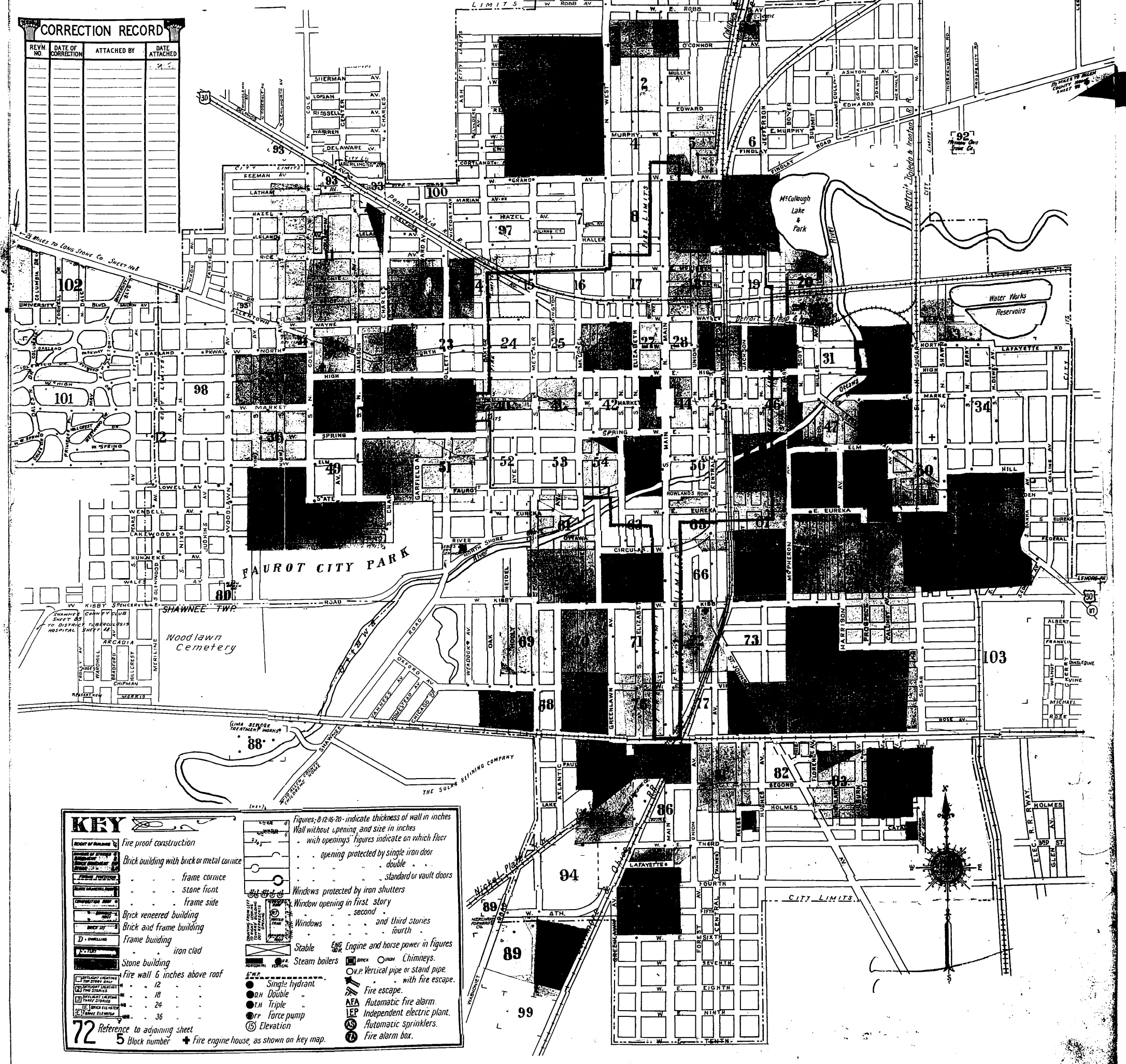
2 platoon system. Fully paid. 89 men, including chief. 6 stations, fully motorized.

2 Ahrens-Fox 1,000 gallon per minute pumpers, each with one 60 gallon chemical tank. 1 Stutz 1,000 gallon per minute pumper with one 35 gallon chemical tank. 3 Gramm-Bernstein 500 gallon per minute pumpers, each with one 35 gallon chemical tank. 1 Magirus 85' automatic aerial truck (7 ladders, total length 225'). 1 chief's Cadillac touring car. Approximately 13,750' 2½" hose, 300' 3", 1,550' 1" and ¾" chemical hose. All chemical tanks to be replaced with 50 to 100 gallon water booster tanks. 1 hose wagon auto combination in reserve.

Gamewell fire alarm system. 69 boxes. Alarm headquarters located in Central Fire Station, 217-219 East High, a fireproof building except for roof. Continuous telephone service.

FIRE-RESISTIVE ROOFING ORDINANCE.

Ordinance prohibits use of wooden shingles in Fire Limits Only.

CORRECTION RECORD

REVN. NO.	DATE OF CORRECTION	ATTACHED BY	DATE ATTACHED