2196 (41 SHEETS)

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JULY 1910.

HAGERSTOWN MD.

Population including Williamsport 21,000. Prevailing Winds; West.

WATER FACILITIES

Gravity system of water works owned by the Washington County Water Co. Raven Rock Reservoir, capacity 100 million galls. situated 9½ miles East of & 335 ft. above Public Square, supplied by mountain springs with a water shed of 14½ square miles, almost entirely woodland. Water conveyed through a 12" cast iron pipe to the Smithburg or Mountain Reservoir of 20 million galls. capacity, situated 8 miles East of, and 240 ft. above Public Square.

A 12" and a 16" main, cross connected every two miles conveys water to distributing reservoir 8 miles distant, capacity of reservoir 10 million galls situated 1½ miles West of, and 134 ft. above Public Square, 20" main from this reservoir to distributing system. The 12" and 16" mains pass by the pumping station and through the city but the 12" main only is used as a force main from pumping station to the reservoir.

Auxiliary pumping station on Antietam Creek at Bridgeport, two miles East of Public Sq. One Worthington compound duplex pump, capacity 3 million galls. drawing from Creek, forces water a distance of two miles through 12" main to the distributing system. Pump installed 1908. In case of large fire, pump and distributing reservoir would be cut off, thus taking the supply by gravity from the Smithburg (or Mountain) reservoir, giving a pressure of about 100 lbs. at Public Square. Domestic pressure from distributing reservoir, 55 lbs. at Public Square.

43 Miles of water pipes, 4" to 20" diam. 26 Single and 68 double hydrants. Original system completed in 1882. About fifty per cent of the large pipes were laid in 1906 - 1907. Daily consumption about 1,750,000 galls.

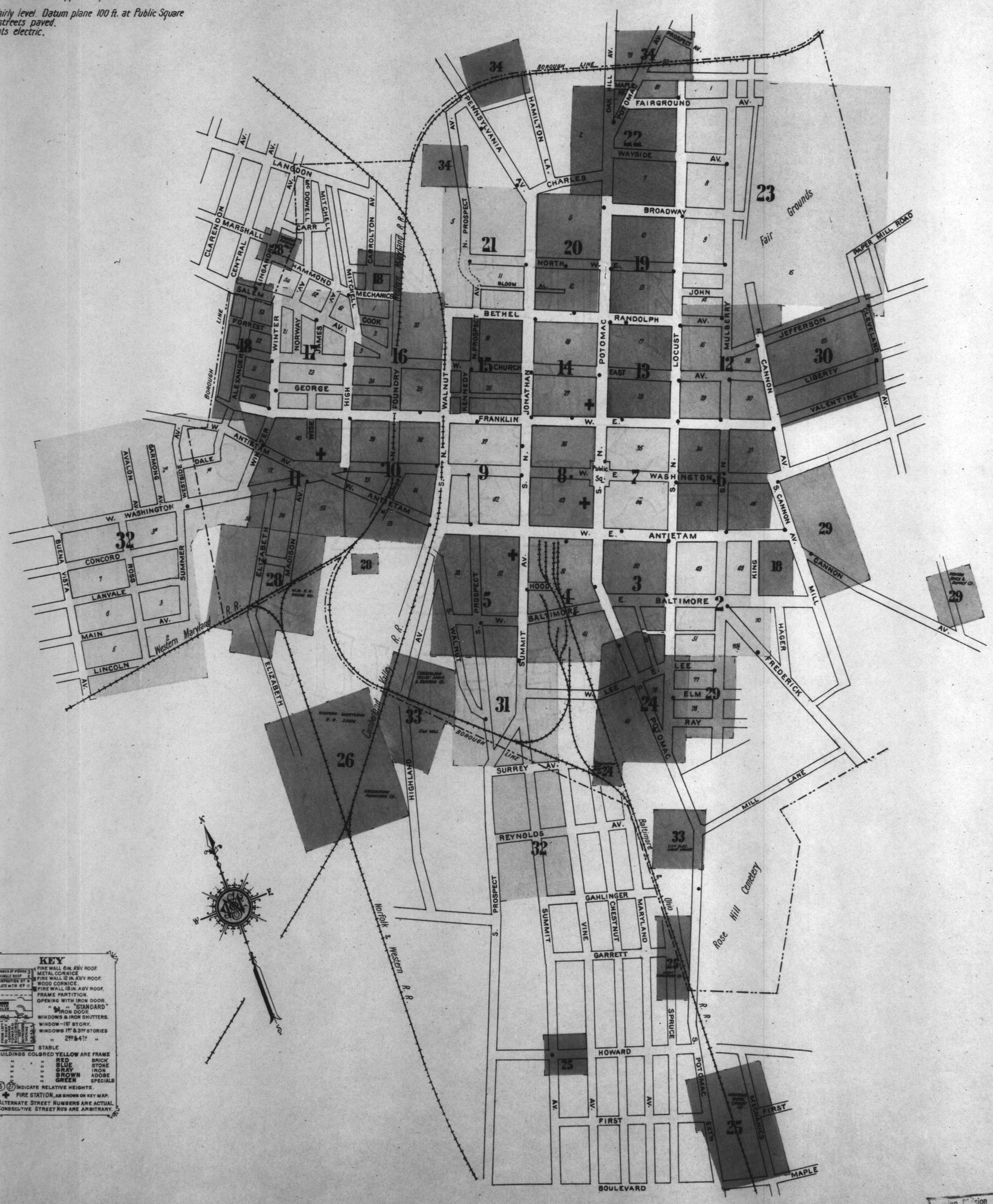
FIRE DEPARTMENT

10 Paid men. 300 Volunteers. Four fire stations, bell alarm on each. Gamewell fire alarm system. 17 boxes. 25 Police call fire alarm telephone stations.

Two new second size Metropolitan steam fire engines. Two combination hose and chemical wagons each equipped with two 35 gall. chemical tanks. Two hose wagons. One 50 ft. service truck. Each wagon carries 1000 ft. 2½" hose. 1000 ft. of hose at each station in reserve.

13 Public fire cisterns supplied by rain water from roofs.

Grades fairly level. Datum plane 100 ft. at Public Square.
Principal streets paved.
Public lights electric.



Map Division
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