



NAVIGATING A SEA OF RESOURCES

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Note: The History Center in Tompkins County, who owns this book, gave TCPL permission to borrow this copy to digitize in November 2009.

INDEX

* Indicates only one side of Street shown

Population 18000

Prevailing Winds, North West.

GRADY VERY HEAVY EAST OF LAKE AND LAKESIDE, SOUTH OF SIX MILE CREEK AND WEST OF HANCOCK BURN CLIFF ST.
50% MILES OF STREETS IN CITY, 10% MILES ARE PAVED. PUBLIC LIGHTS - ELECTRIC RAIL.

SEPT. 1919
ITHACA
N.Y.

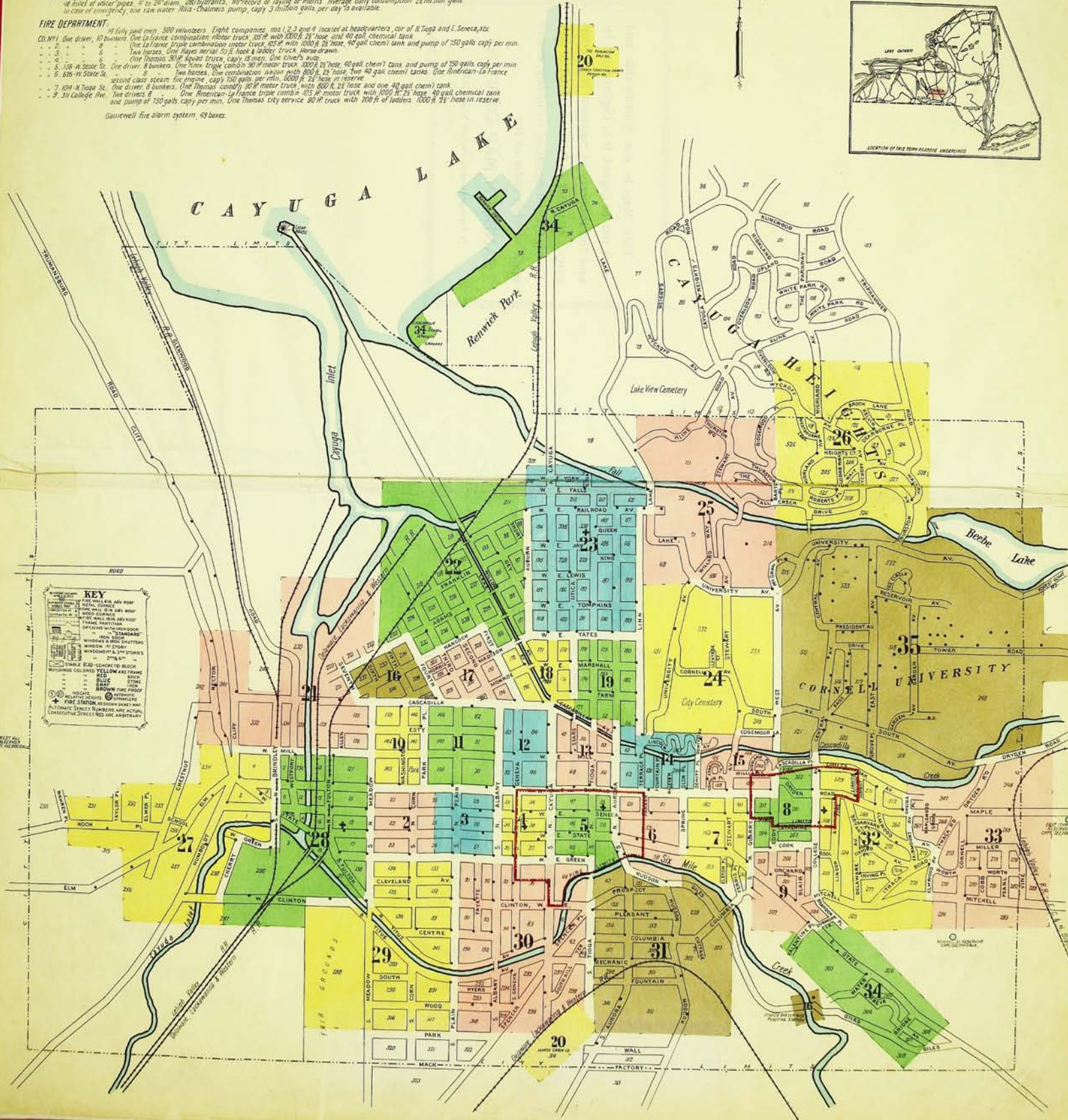
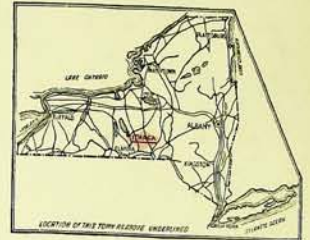
WATER FACILITIES:

Ithaca Water Works owned by the city. Gravity and direct pumping system installed in 1872. Reconstruction started in 1905. Water supply from Six Mile Creek. Two impounding reservoirs about two miles up creek from pumping station see sheet N 15. Main reservoir 100 million gals. capy, auxiliary reservoir 30 million gals. capy. Water flows by gravity through 24" main to filter plant, see sheet N 34. Clear water basin, capy 600,000 gals. located at filter plant feeds low service territory by gravity only with an average pressure of 85 lbs. Low service covers territory east of Humboldt and Cliff Sts. as far as Linn, Parker and S. Toga Sts. Intermediate service is fed by two reservoirs as shown on key map. Pumping station has 3 Gould water power pumps, capy 3 million gals. each and one American centrifugal electric pump capy 3 million gals. per 24 hours which pump direct to main supply going to West Hill reservoir capy 65,000 gals. and Mitchell's reservoir capy 60,000 gals. Pressure from this service drops from 85 to 60 lbs. High service covers territory east of College St. and north of Fall Creek and is fed by same pumps as intermediate service pumping direct to main supply going to East Ithaca reservoir capy 285,000 gals. Pressure ranges from 80 to 120 lbs. At times of water pipes 9" to 24" diam., 200 hydrants, 1000 ft. of laying of mains. Average daily consumption 23 million gals. In case of emergency, low rate water Alia-Chalmers pump, capy 3 million gals. per day is available.

FIRE DEPARTMENT.

10 fully paid men, 500 volunteers. Eight companies, nos. 1, 2, 3 and 8 located at headquarters, cor. of N. Toga and E. Seneca, sts. CO. N 1. One driver, 10 bunkers. One La France combination motor truck, 105 H. with 1000 ft. 2 1/2" hose and 40 gall. chemical tank. 2. One La France triple combination motor truck, 105 H. with 1000 ft. 2 1/2" hose, 40 gall. chem. tank and pump of 750 gals. capy per min. 3. Two horses. One Hayes aerial 55 ft. hook & ladder truck, horse drawn. 4. One Thomas 30 H. Squad truck, capy 15 men. One Chief's auto. 5. One driver, 8 bunkers. One tank triple combination 80 H. motor truck, 1000 ft. 2 1/2" hose, 40 gall. chem. tank and pump of 750 gals. capy per min. second class steam fire engine, capy 750 gals. per min. 1000 ft. 2 1/2" hose in reserve. 6. 600 ft. State St. 7. 700 ft. N. Toga St. 8. One driver, 8 bunkers. One Thomas 30 H. motor truck, with 800 ft. 2 1/2" hose and one 40 gall. chem. tank and pump of 750 gals. capy per min. One American-La France triple combin. 105 H. motor truck with 1000 ft. 2 1/2" hose, 40 gall. chemical tank and pump of 750 gals. capy per min. One Thomas City service 90 H. truck with 200 ft. of ladders, 1000 ft. 2 1/2" hose in reserve.

Guinwell fire alarm system, 49 boxes.



KEY

1. FIRE WALLS AND ROOF
2. BUILDING CORNER
3. SIDEWALK
4. DRIVEWAY
5. DRIVEWAY
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