

NEW REPORT, JULY, 1949

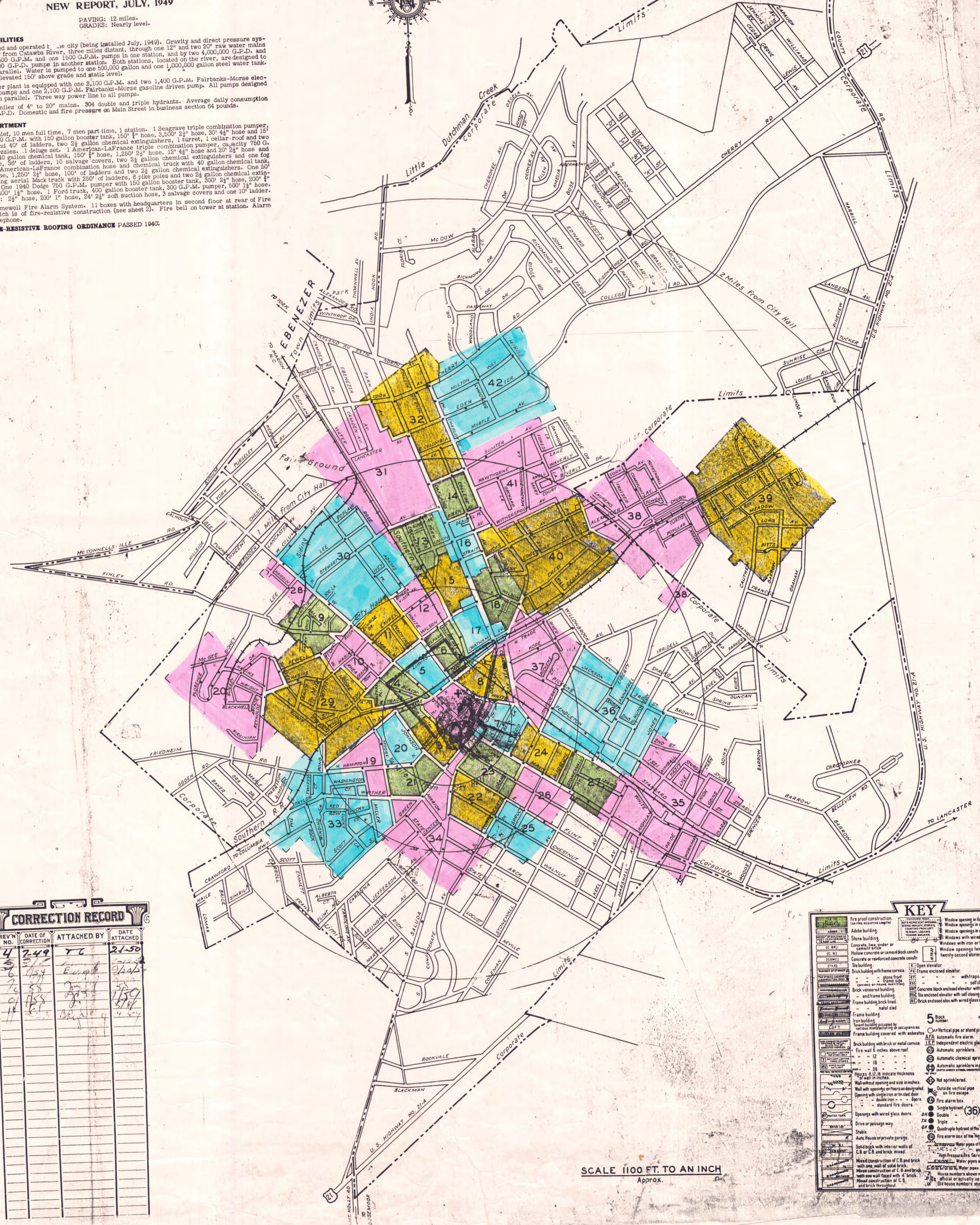
PAVING: 12 miles.
GRADES: Nearly level.

WATER FACILITIES
Owned and operated by the city (being installed July, 1949). Gravity and direct pressure system. Supply from Catawba River, three miles distant, through one 12" and two 20" raw water mains and by three 2,500 G.P.M. and one 1500 G.P.M. pumps in one station, and by two 4,000,000 G.P.D. and by three 2,500 G.P.M. and one 1500 G.P.M. pumps in another station. Both stations, located on the river, are designed to operate in parallel. Water is pumped to one 500,000 gallon and one 1,000,000 gallon steel water tank. Both tanks elevated 150' above grade and static level.
Filter plant is equipped with one 2,100 G.P.M. and two 1,400 G.P.M. Fairbanks-Morse electric driven pumps and one 2,100 G.P.M. Fairbanks-Morse gasoline driven pump. All pumps designed to operate in parallel. Three way power line to all pumps.
62 miles of 4" to 20" mains. 304 double and triple hydrants. Average daily consumption 3,000,000 G.P.D. Domestic and fire pressure on Main Street in business section 64 pounds.

FIRE DEPARTMENT
1 chief, 10 men full time, 7 men part time, 1 station. 1 Seagrave triple combination pumper, capacity 750 G.P.M. with 150 gallon booster tank, 150' hose, 3,500' 2 1/2" hose, 30' 4 1/2" hose and 15' 4 1/2" hose and 40' of ladders, two 2 1/2 gallon chemical extinguishers, 1 turret, 1 cellar roof and two ordinary nozzles. 1 deluge set. 1 American-LaFrance triple combination pumper, capacity 750 G.P.M. with 40 gallon chemical tank, 150' hose, 1,250' 2 1/2" hose, 12' 4 1/2" hose and 20' 2 1/2" hose and 12' 5" hose, 30' of ladders, 10 salvage covers, two 2 1/2 gallon chemical extinguishers and one 100' 1 1/2" hose, 1,250' 2 1/2" hose, 100' of ladders and two 2 1/2 gallon chemical extinguishers. One 1940 Dodge 750 G.P.M. pumper with 150 gallon booster tank, 300' 2 1/2" hose, 200' 1 1/2" hose and 400' 1 1/2" hose, 1 Ford truck, 400 gallon booster tank, 300' 2 1/2" hose, 200' 1 1/2" hose. In reserve: 2 1/2" hose, 200' 1 1/2" hose, 24' 2 1/2" soft suction hose, 3 salvage covers and one 10' ladder.
Gamewell Fire Alarm System. 11 boxes with headquarters in second floor at rear of Fire Station which is of fire-resistant construction (see sheet 2). Fire bell on tower at station. Alarm also by telephone.

FIRE-RESISTIVE ROOFING ORDINANCE PASSED 1940.

CORRECTION RECORD			
REV. NO.	DATE OF CORRECTION	ATTACHED BY	DATE ATTACHED
4	7/24/49	TC	7/25/49
5	7/24/49	TC	7/25/49
6	7/24/49	TC	7/25/49
7	7/24/49	TC	7/25/49
8	7/24/49	TC	7/25/49
9	7/24/49	TC	7/25/49
10	7/24/49	TC	7/25/49
11	7/24/49	TC	7/25/49



KEY

Fire proof construction (see fire insurance code)	Window opening in first story
Stone building	Window opening in second and third stories
Concrete, brick or masonry building	Window opening with wired glass
Brick building with frame cornice	Window with iron or steel shutters
Brick building with frame cornice and concrete or reinforced concrete cornice	Window opening in tenth to twenty-second stories
Brick veneer building	Open elevator
Frame building brick lined	Frame enclosed elevator
Frame building metal clad	Width of street and one level
Iron building	Self-closing traps
Frame building covered with asbestos	Concrete block enclosed elevator with traps
Brick building with brick or metal cornice	Brick enclosed elevator with self-closing traps
Fire wall 6 inches above roof	Brick enclosed elevator with wired glass door
Automatic sprinkler	Ground elevation
Automatic chemical sprinkler	Brick number
Automatic sprinklers in part of building only	Vertical steam boiler
Not sprinklered	Gasometer tank
Wall with openings on floors as designated	Open under
Opening with single or double door	Automatic fire alarm
Standard fire doors	Independent electric plant
Drive or passage way	Automatic fire alarm connection
Stable	Fire alarm box
Auto house or private garage	Single hydrant
Solid brick with interior walls of C.B. or C.B. and brick in need	Double hydrant
Mixed construction of C.B. and brick with one wall of solid brick	Quadruple hydrant of the High Pressure Fire Service
Mixed construction of C.B. and brick with one wall of solid brick and one wall of C.B. or brick in need	Fire alarm box of the High Pressure Fire Service
Mixed construction of C.B. and brick with one wall of solid brick and one wall of C.B. or brick in need and one wall of brick in need	Water pipes of the High Pressure Fire Service
Mixed construction of C.B. and brick with one wall of solid brick and one wall of C.B. or brick in need and one wall of brick in need and one wall of brick in need	Water pipes of private supply
Mixed construction of C.B. and brick with one wall of solid brick and one wall of C.B. or brick in need and one wall of brick in need and one wall of brick in need and one wall of brick in need	Houses numbered above nearest building and official or actuality on all buildings
Mixed construction of C.B. and brick with one wall of solid brick and one wall of C.B. or brick in need and one wall of brick in need and one wall of brick in need and one wall of brick in need and one wall of brick in need	Old house number's shown furthest from building

SCALE 1100 FT. TO AN INCH
Approx.