



## KEY

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**Fire proof construction for fire resistive construction**

**Adobe building**

**Stone building**

**Concrete, lime or cement brick**

**Hollow concrete or cement block construction**

**Concrete or reinforced concrete cast in place building**

**Brick building with frame cornice**

**Brick veneered building**

**Frame building**

**Iron building**

**Brick building with brick or metal cornice**

**Fire wall 6 inches above roof**

**Fire wall 12 inches above roof**

**Fire wall 18 inches above roof**

**Fire wall 36 inches above roof**

**Figures 8, 12, 16 indicate thickness of wall in inches**

**Wall without opening and size in inches**

**Wall with openings on floors as designated**

**Opening with single iron or steel door**

**Opening with double doors**

**Opening with wired glass doors**

**Drive or passage way**

**Stable**

**Auto House or private garage**

**Solid brick with interior walls of C.B. or C.B. and brick mixed.**

**Mixed construction of C.B. and brick with one wall of solid brick.**

**Mixed construction of C.B. and brick with one wall faced with 4" brick.**

**Mixed construction of C.B. and brick through out**

**Window opening in first story**

**Window openings in second and third stories**

**Window openings in second and fourth stories**

**Windows with wired glass**

**Windows with iron or steel shutters**

**Window openings tenth to twenty-second stories**

**Open elevator**

**Frame enclosed elevator**

**With traps**

**Concrete block enclosed elevator with traps**

**Fire enclosed elevator with self closing traps**

**Brick enclosed elev. with wired glass door**

**Open house**

**With traps**

**Vertical pipe or stand pipe**

**Automatic fire alarm**

**Independent electric plant**

**Automatic sprinklers**

**Automatic chemical sprinklers**

**Automatic sprinklers not of building only**

**Not sprinklered**

**Outside vertical pipe on fire escape**

**Fire alarm box**

**Single hydrant**

**Double**

**Triple**

**Quadruple hydrant of the High Pressure Fire Service**

**Fire alarm box of the High Pressure Fire Service**

**Water pipes of the High Pressure Fire Service**

**Hydrants of the High Pressure Fire Service**

**Water pipes and size in inches**

**House numbers shown on street buildings are official or actually u. on buildings.**

**Other house numbers shown further from buildings.**

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PASTE OVER ORIGINAL REPORT

CINCINNATI, OHIO, VOL. ONE

NEW REPORT, APRIL, 1940

**POPULATION 475,000**

**Prevailing Winds:—Southwest.**

**PAVING:**—791 miles or 86% of streets paved.

**GRADES:—**Practically level in business district; hilly in other sections as shown. Grade elevations taken from the water works intake which is 2' above river bed. This point is called low river level. Flood stage is 62'.

**PUBLIC LIGHTS:**—Gas and electric.

## WATER FACILITIES

Municipal ownership. Water supply from Ohio River through 7' tunnel. Direct and gravity pressure system.

**RIVER PUMPING STATION.**—Elevation 78'. 4 Camden steam pumps, capacity 80,000 gallons per day each. 2 settling reservoirs, capacity 157,500,000 and 173,800,000 gallons respectively. 1 clear water basin, capacity 19,600,000 gallons. 4 Worthington turbine pumps, capacity 15,000,000 gallons each. Station protected by flood wall to 83' river stage.

**MAIN PUMPING STATION.**—Elevation 73'. Central Service: 3 Holly steam pumps, capacity 25,000,000 gallons per day each. Eastern Hills Service: 3 Holly steam pumps, capacity 12,000,000 gallons per day each. 1 Holly steam pump, capacity 17,000,000 gallons per day. 1 Worthington centrifugal pump, capacity 25,000,000 gallons per day. Station protected by flood wall to 83' river stage.

**WESTERN HILLS PUMPING STATION.**—Elevation 65'. 1 Dravo-Dodge turbine pump, capacity 5,000 gallons per day. 2 Dravo-Dodge turbine pumps, capacity 10,000 gallons per day each. 1 Dravo-Dodge turbine pump, capacity 10,000 gallons per day. Central Service: Eden Park Reservoir, elevation 239', capacity 96,000 gallons. Eastern Hills Service: Winton Road Reservoir, elevation 240', capacity 100,000 gallons. Tanglewood Tank, elevation 240', capacity 3,000 gallons. Kennedy Heights Tank, elevation 95', capacity 4,700 gallons. Mt. Washington Tank, elevation 62', capacity 3,000 gallons. Three Mile Run Road equalizing reservoir, capacity 1,000 gallons. Western Hills Service: Mt. Washington Tank, elevation 62', capacity 3,000 gallons. Ferguson Road Tanks, elevation 598', capacity 1,376,000 gallons.

963 miles of 3" to 60" mains. 7,292 hydrants. Average daily consumption 65,000,000 gallons. Pressure 41 to 66 lbs. in business section.

**HIGH PRESSURE FIRE SERVICE.**—High pressure fire main system in about 85% of congested value district. Supply from Eastern Hills Service, Mt. Auburn Tanks. 35,069' of 12" to 20" water mains. 199 Baltimore flush-type hydrants. 14 portable fire-way heads carried by fire department and attached to hydrants for operation. Pressure 150 to 200 lbs.

**FIRE DEPARTMENT**

Fully paid. 1 chief, 2 assistant chiefs, 15 marshals, 56 captains, 53 lieutenants and 478 men. 37 stations consisting of 38 engine companies, 15 ladder companies, 1 water tower and 1 rescue squad.

10 Mack engines with 750 gallon per minute pumps, 28 Ahrens-Fox engines consist of 1 of each with 1,000 gallon per minute pumps, 9 with 800 gallon per minute pumps, 3 with 750 gallon per minute pumps, and 11 with 700 gallon per minute pumps. All engines equipped with 60 to 100 gallon water tanks and 300' of 1" booster hose. 10 Ahrens-Fox aerial ladders, 85' aerial ladders, 10 Ahrens-Fox aerial ladder trucks, 4 Ahrens-Fox reserve engines with 700 gallon per minute pumps each. 2 Ahrens-Fox reserve hose trucks with 700 gallon per minute pumps each. 2 Hale hydraulic water towers with 65' masts with Ahrens-Fox tractor, 1 Foamix truck rescue and 1 Ahrens-Fox truck rescue. 10 Ahrens-Fox 3 extra service trucks, 2 ambulances, 26 chiefs' automobiles, 85,000 "21" hose.

Gamewell fire alarm system. 1,000 boxes. Headquarters located in Edén Park (Vol. 2) in a two-story fire-resistive building.

**FIRE-RESISTIVE ROOFING ORDINANCE.**

Ordinance prohibits use of wooden shingle roofs within Fire Limits Only.

CORRECTION RECORD			
REV'D NO.	DATE OF CORRECTION	ATTACHED BY	DATE ATTACHED
9	6-24-46	J. F. C.	6-24-46
10	7-2-45	J. F. C.	7-2-45
11	11-2-46	J. F. C.	11-2-46
12	10-4-47	Stanley	5-18-48
13	7-2-47	Counts	7-2-47
14	7-2-47	Counts	7-2-47



Scale 660 ft. to an inch  
(Approx.)

*NOTE:* All territory in Volume One within fire limits.