DAYTON O. VOL. I

7

(35-85 VOL. 2)

0 9

A. B.

50'

67'

TOOL HO.

POT HO.

GREEN HOS. CONCRETE FLOOR 6 STABLE

CITY GREEN HOUSES & STABLE

STORE HO. AUTO. CONCRETE FLOOR 1½ 18'

STOCK RM.

OFF.

METER DEPT.

T.H.

10"W. PIPE

STORE RM

Bi. Sm.

RATTLERS

PIPE SHOP

4 (1)

70,000 GAL. WATER TANK HELD IN RESERVE

DAYTON WATER WORKS

-IN OPERATION DAY & NIGHT-

HEAT: STEAM - FUEL: COAL - LIGHTS: ELECTRIC. - HYD. & 50' 2" HOSE ATTACHED. -

SCALES

CH. 160'

CRANE

CONCRETE FL.

PIPE SHOP

ENG. & DYN. RMS.

PILASTER

STEEL TRUSS ROOF

D.H.

D. 28

8" W. PIPE

12" W. PIPE

REINFORCED CONCRETE BRIDGE

228

30" W. PIPE

20" W. PIPE

24" W. PIPE

12" W. PIPE

20" W. PIPE

30" W. PIPE

20" W. PIPE

30" W. PIPE

20" W. PIPE

20" W. PIPE

30" W. PIPE

20" W. PIPE

50'

39

KEOWEE

115

7

OTTAWA

9

Mad River

TOP OF RIVER BANK

Mad River

Mad River

KEOWEE 9

7

20" W. PIPE

20" W. PIPE

36" W. PIPE

20" W. PIPE

8" W. PIPE

36" W. PIPE

115

88

W.5

VENEERING STORAGE

PILASTERS

D.H.

WOODWORKING MACHINERY VENEERING 1st p. & 3rd

MACHINE SHOP 1st VENEERING 2nd & 3rd

MACHINE SHOP 1st VENEERING 2nd & 3rd

201

WATCHMAN

South Mill Constrn.

CABINET WORK 3rd

STORAGE 1st CABINET SHOP 2nd & 3rd

W.1

W.4

THE BARNEY & SMITH CAR CO. WEST PLANT ANNEX

ONE DRY & 2 NIGHT WATCHMEN, ECO PORTABLE CLOCK & STATIONS, ROUNDS EVERY 1/4 HOURS: - INTERNATIONAL AUTO. SPRINKLERS THROUGH: EXCEPT W.2 - W.1 W.E. & W.3 & W.5 DRY SYSTEM, HEADS 8 1/2 E. - PRIMARY SUPPLY: HIGH PRESSURE CITY MAIN, 120 LBS. AT STREET GRADE. AUXILIARY: SIAMESE CONN. - ANNUNCIATOR OUTSIDE OF BUILDING: - VERTICAL PIPES WITH 1½" HOSE RTTD. IN 50' LENGTHS AS SHOWN - 400 2½" HOSE ON CART RTTD. TO 3 OUTSIDE HYDRANTS: - 5 HRVINGS BLOWN DIRECT TO BOILERS - CHEMICAL EXTINGUISHERS DISTRIBUTED: - HEAT & POWER: STEAM: - LIGHTS: ELEC: - FUEL: COAL & WASTE. -

IRON

HAMMER SHOP

FORGE SHOP

EARTH FLOOR

W.3

W.2

MACH. SHOP

SPRK.

COKE BIN

BRIDGE 290' LONG.

B. M. & O. R. R.

Not Sprinkl'd.

OIL STORAGE Not Sprinkl'd.

REFUSE BURNER

D.H.

№ 10

FRAME VENT.

GYPSUM BLOCK

CONCRETE FL.

ASSEMBLING & STOCK

DRAFTING OFFICE

SHIPPING

TESTING

GASOL. ENGINE TASTING

HYD. & 50' 1½" HOSE RTTD.

THE DOMESTIC ENGINEERING CO.

RAW STOCK

TOOL SUPPLY

INSPECTION

GRINDING

OFFICE

№ 9

DRILL PRESSES & MACHINE WORK

FRAME VENT. 8'

GYPSUM BLOCK

PIECEWORK

WASH RM.

TIN SHOP

PLATING

ENAMELING

CONCRETE FLOOR

HEAT TREATING

CONCRETE FLOOR

AIR COMP.

FIRST AID

TRANSFORMER HOUSE 2

12

STORAGE

FRAME VENT. RAISED 8'

№ 8

MILLWRIGHT & PLUMBING

PAINTING.

D. M. P. Co. PIPE SHOP

PATTERN SHOP

AUTOMATIC SCREW MACHINES

HAND SCREW MACHINES

TOOL ROOM

CARP'R. & ELECTRICAL SHOP

100' 2½" HOSE ON REEL

162'

BRICK 12" FRAME ABOVE

№ 2

AUTOMATIC SCREW MACHINES PLATING & INSPECTION

SAW TOOTH ROOF

№ 2

AUTOMATIC SCREW MACHINES & INSPECTION

№ 2

ASSEMBLING FINISHED STOCK INSPECTION AND SHIPPING

THE DAYTON METAL PRODUCTS CO.

100' 2½" HOSE ON CART

STEEL GRAVITY TANK

STOCK

CONCRETE

CONCRETE FLOOR

Not Sprinkl'd.

SAWTOOTH ROOF

CARPENTER & PRINTING

№ 3.

LAUNDRY

HEAT TREATED

GARAGE CONCRETE FL.

№ 3

SAWTOOTH ROOF

OFFICE Not Sprinklered (CONCRETE)

№ 4

MACHINE WORK &... INSPECTION ALL FLRS.

PLATING 3rd

POLISHING 4th

№ 1.

STAIRS

Fire Proof Constrn. - Built 1918 -

REINFORCED CONCRETE FRAME FLOORS & ROOF - CURTAIN WALLS: CONCRETE & GLASS IN METAL FRAMES - Not Sprinklered -

Not Sprinklered

STOCK ANNEX

THE DAYTON METAL PRODUCTS CO.

- MFRS. OF METAL PRODUCTS & WAR MATERIAL -

10 NIGHT & 10 DAY WATCHMEN: 2 NIGHT MEN REPORTING TO 13 R.D.T. STATIONS & 12 STATIONS PORTABLE CLOCK, ½ HOURLY ROUNDS, - GLOBE WET SYSTEM, AUTO. SPRINKLERS THROUGH: BLDG. № 2. № 3 PART OF BOILER HO. & STOCK SHED NEAR GRAVITY TANK - PRIMARY SUPPLY: 40,000 GAL. GRAVITY TANK ON STEEL TRUSS 121' ABOVE GROUND, - SECONDARY: CITY WATER, HIGH PRESSURE 125 LBS. AT STREET GRADE - AUXILIARY: 2 SIAMESE STEAMER CONNS. ANNUNCIATOR OUTSIDE ONE 40 GAL. SIX 25 GAL. & ABOUT 200 SMALL CHEMICAL EXTINGUISHERS. - HEAT: STEAM LIGHTS & POWER: ELECTRIC, (TRANSMITTED CURRENT) FUEL: COAL - HYDRANTS & HOSE AS SHOWN -

356 350 336 330 320 300

701

D.H.

THE DOMESTIC ENGINEERING CO.

- MFR'S OF DELCO-LIGHT PRODUCTS -

A NIGHT & HOLIDAY WATCHMEN, R.D.T. SERVICE, 12 STATIONS, HOURLY ROUNDS: - GLOBE WET SYSTEM AUTO. SPRINKLERS THROUGHT, HEADS SPACED 8' X 8', PRIMARY SUPPLY FROM THE DAYTON METAL PRODUCTS CO'S. 40,000 GAL. GRAVITY TANK, ELEVATED 121 FT. ABOVE GROUND - SECONDARY: HIGH PRESSURE CITY MAIN, 125 LBS. AT STREET GRADE: - ANNUNCIATOR OUTSIDE OF BUILDING: - 24 INSIDE HYDS. WITH 50' 1½" HOSE ATTACHED TO EACH - 6 OUTSIDE DOUBLE HYDS. 2 OF WHICH HAVE HOSE RTTD. AS SHOWN: - SIX 40 GAL CHEMICAL EXTINGUISHERS. - 150. - 2½ GALLON CHEMICALS & 150 PYRENE EXTGRS. - HEAT. STEAM: LIGHT AND POWER: ELECTRIC - FUEL: COAL.

Note -

CONSTRUCTION OF BUILDINGS: STEEL TRUSS ROOF SUPPORTED BY STEEL COLUMNS, EXTERIOR WALLS, CONCRETE & HARD GLASS IN METAL IN METAL FRAMES - WOOD ROOF BOARDS. -

Scale of Feet.

50 40 30 20 10 0 50 100 150

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12" W. PIPE

99

1

TAYLOR 6

AMELIA (PITTS)

Miami & Erie Canal

AMELIA (PITTS)

36" W. PIPE

FOOT BRIDGE

36" W. PIPE

125'

12" W. PIPE

6" W.