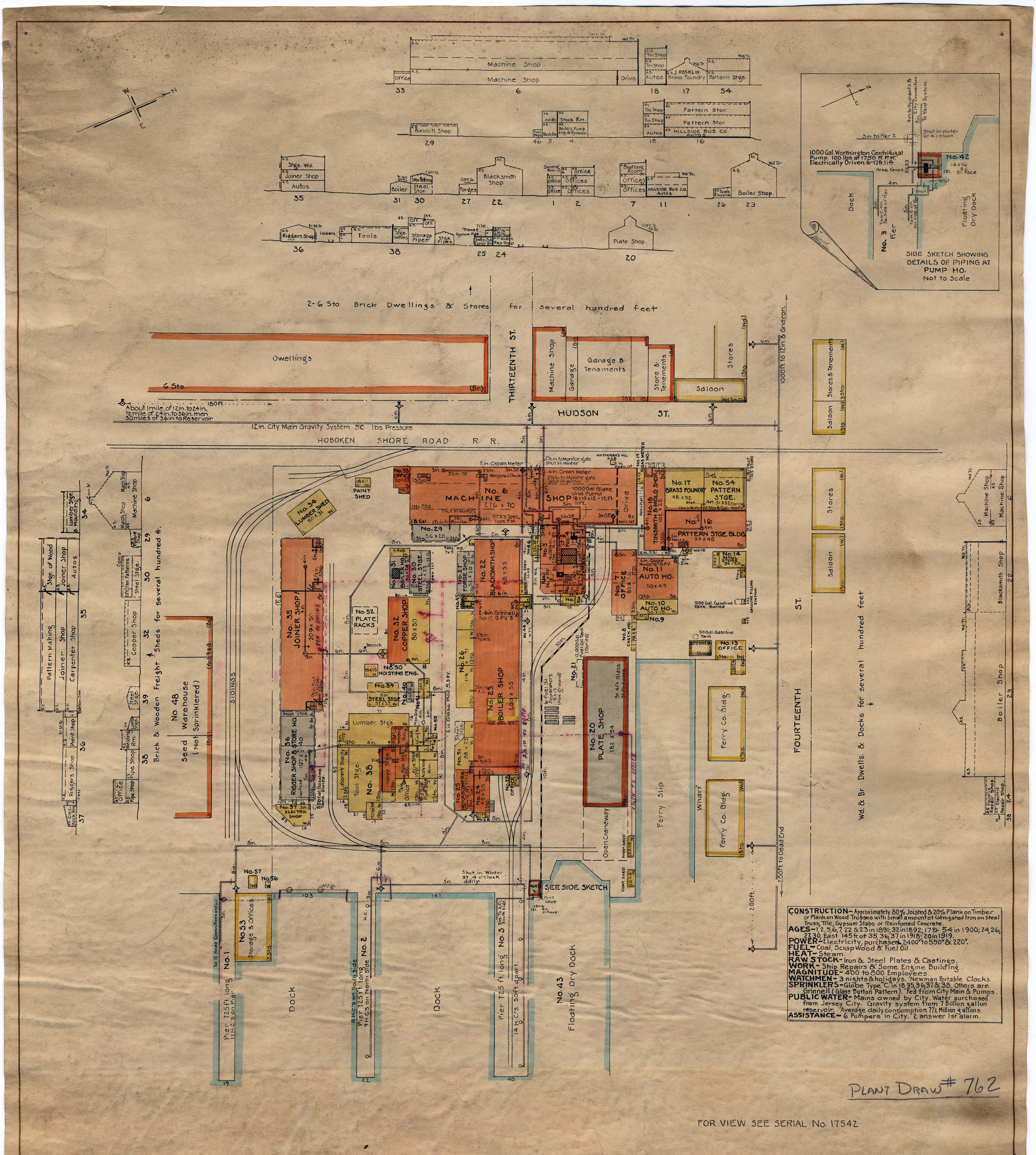


CONSTRUCTION– Approximately 80% Joisted & 20% Plank on Timber or Plank on Wood Trusses with small amount of Corrugated Iron on Steel Truss, Tile, Gypsum Slabs or Reinforced Concrete.
AGES– 1, 2, 5, 6, 7, 22 & 23 in 1891; 32 in 1892; 17 & 54 in 1900; 24, 26, 27, 30, East 145 ft. of 35, 36, 37 in 1918; 20 in 1919.
POWER– Electricity, purchased. 2400v to 550v & 220v.
FUEL– Coal, Scrap Wood & Fuel Oil.
HEAT– Steam.
RAW STOCK– Iron & Steel Plates & Castings.
WORK– Ship Repairs & Some Engine Building.
MAGNITUDE– 400 to 800 Employees.
WATCHMEN– 3 nights & holidays. Newman Portable Clocks.
SPRINKLERS– Globe Type "C" in 18, 35, 36, 37 & 38. Others are Grinnell (Glass Button Pattern). Fed from City Main & Pumps.
PUBLIC WATER– Mains owned by City. Water purchased from Jersey City. Gravity system from 7 Billion gallon reservoir. Average daily consumption 7½ Million gallons.
ASSISTANCE– 6 Pumpers in City. 2 answer 1st alarm.

PLANT DRAW # 762

FOR VIEW SEE SERIAL No. 17542

W. & A. FLETCHER CO.
"NORTH RIVER IRON WORKS"
(MACHINE SHOP)
HOBOKEN LAND & IMPROVEMENT CO. (Bldgs.)
Hoboken, N. J.

Scale 1 in.=60 ft.
0 60 120

Surveyed July 15, 1925.

Surveyed by H.N. Cross
Drawn & Traced by D. Downs
Additional Data from Mill
Dec. 18, 1925

Tracing No. 17541

Materials of wall construction are shown by colors: Brick or Tile = Red; Wood = Yellow; Concrete or Stone = Light Gray; Iron = Blue Gray.

Wording or Initial letters in lower right-hand corner of Bldg. indicate building material, thus:
Brick or Br. or B. denotes Brick Walls, etc.

Property owned by Assured, colored in full.

Outside property has margin colored only, with designation of wall materials enclosed thus: (Br.)

Roof construction and covering shown in view as below.
Gravel, Rein. Conc. — Gravel, Plank on Timber — Slate, Boards on Joists

In Views, Roofs are colored gray if covered with material not easily ignited, as Tin, Slate, Gravel or Patent Roofing, and are colored buff if covering material is easily ignited, as shingles, bare boards, or tar paper, etc.

Gravity water tank for fire purposes, or fire pump suction tank above ground.
Mill Service tank, single circle (if shown)
Pressure tank.
Steam Boilers.
Smoke Stack or Chimney.
Fire Pump with Hose connections.
Mill Pump.
Water Meter in pit.
Check Valves (Double) with 2 – O. S. & Y's in pit. Apexes show direction of flow.

Standard Frost-Proof Hydrant. Number of "Horns" shows number of Hose Outlets.
"Dry" or Non-Frost-Proof Hydrant.
Independent Gates on 4-way Standard Hydrant.
Fire Pumper Connection.
Hose House over Hydrant.
Monitor Nozzle.
2½ in. H.C. Hose Connections. H.C.s
Fire Department Connection.
Standpipe for Fire Hose.
Automatic Sprinkler Riser.
Open Sprinkler Riser, extent of heads indicated by arrow heads on plan.
Pipes buried outside of buildings or inside exposed.
Pipes buried under buildings.
Proposed pipes.
Pump Suction with foot valve.
Non-indicating valve in pipe, inside screw underground gate, or doubtful telltale.
Outside Screw and Yoke Valve.
Indicator Post Gate.
Dry Pipe Valve with accelerator or exhauster.

Fire Walls (on plan) complete through all stories.
Other Building Walls or Fences.
Interior Walls or Partitions not complete in all stories.
Retaining Walls.
Property line or street line without fence.
Boundary Line. (State, County, City, etc.)
Wired Glass Windows, in metal frames. / Fire Shutters. } complete in all stories unless otherwise noted.
Unprotected openings ① in fire walls, or ② in sections for open stairs, open elevators, etc.
Fire Doors, complete in all stories unless indicated by numbers.
Double Doors.

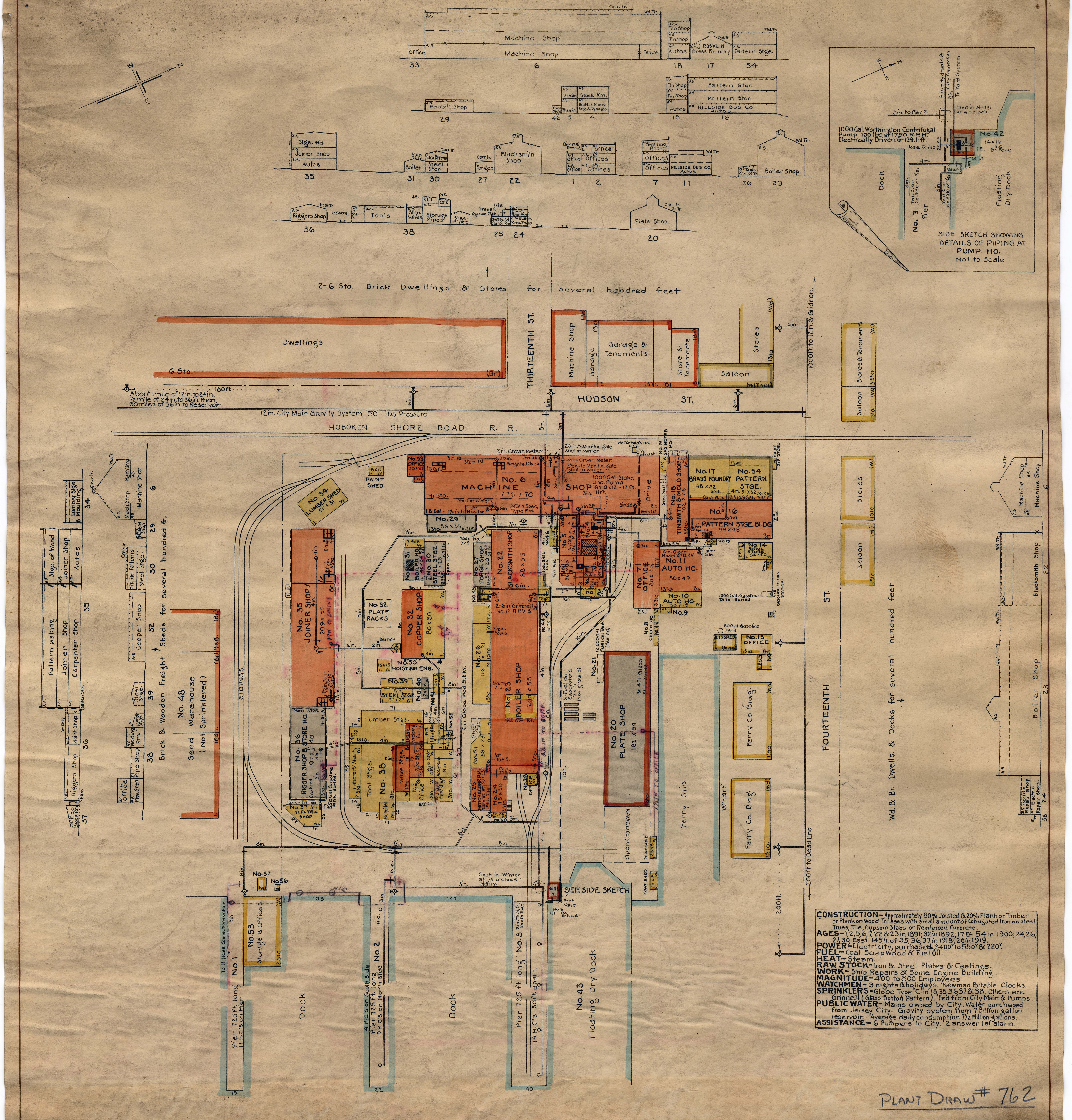
IN SECTIONS

Denotes (without lettering) only plank on timber, floors or roof.
Corr. Ir. St. Fr. / I-B's — Lettering describes special types and supports of roof or floor construction not fire resistant.
Denotes (without lettering) only boards on joists.
St. Fr. or I-B. — Lettering describes additional features of quick-burning floors or roof construction such as exposed steel supports, etc.
Hollow Floor or Roof (concealed spaces).

Elevators or Stairs with good wood or equivalent enclosures or Hatches.
Elevators or Stairs without enclosures.
Elevators or Stairs enclosed by fire walls.
Elevators or Stairs (enclosed) dotted if not full height of bldg. (Numbers show the stories with which they connect.)
Fire Ladder to Roof.
F.E. Fire Escape.
Denotes Floors or Roofs of Reinforced Concrete, continuous Brick Arch or other fire resistive materials without exposed steel work or other weaknesses.
Conc. Slab. St. Tr. / Tile I-B — Lettering describes special types of fire resistive roof or floor construction, also indicating weaknesses in such construction.
A.S. — Letters A.S. denote automatic sprinklers throughout room, unless limited by arrows.
O.S. — Denotes non-automatic open sprinklers (as window or cornice heads) at each story so protected.

PLAN DIV. OF THE ASSOCIATED MUTUAL INSURANCE CO'S BOSTON, MASS.
SERIAL NUMBER 17541
This Replaces No. 13313

INDEX NUMBER
29224



CONSTRUCTION– Approximately 80% Joisted & 20% Plank on Timber or Plank on Wood Trusses with small amount of Corrugated Iron on Steel Truss, Tile, Gypsum Slabs or Reinforced Concrete.
AGES– 1, 2, 5, 6, 7, 22 & 23 in 1891; 32 in 1892; 17 & 54 in 1900; 24, 26, 27, 30, East 145 ft. of 35, 36, 37 in 1918; 20 in 1919.
POWER– Electricity, purchased. 2400v to 550v & 220v.
FUEL– Coal, Scrap Wood & Fuel Oil.
HEAT– Steam.
RAW STOCK– Iron & Steel Plates & Castings.
WORK– Ship Repairs & Some Engine Building.
MAGNITUDE– 400 to 800 Employees.
WATCHMEN– 3 nights & holidays. Newman Portable Clocks.
SPRINKLERS– Globe Type "C" in 18, 35, 36, 37 & 38. Others are Grinnell (Glass Button Pattern). Fed from City Main & Pumps.
PUBLIC WATER– Mains owned by City. Water purchased from Jersey City. Gravity system from 7 Billion gallon reservoir. Average daily consumption 7½ Million gallons.
ASSISTANCE– 6 Pumpers in City. 2 answer 1st alarm.

PLANT DRAW # 762

FOR VIEW SEE SERIAL No. 17542

W. & A. FLETCHER CO.
"NORTH RIVER IRON WORKS"
(MACHINE SHOP)
HOBOKEN LAND & IMPROVEMENT CO. (Bldgs.)
Hoboken, N. J.

Surveyed July 15, 1925.

Scale 1 in. = 60 ft.
0 60 120

Surveyed by H. N. Cross
Drawn & Traced by D. Downs
Additional Data from Mill
Dec. 18, 1925

Tracing No. 17541

Materials of wall construction are shown by colors: Brick or Tile = Red; Wood = Yellow; Concrete or Stone = Light Gray; Iron = Blue Gray.

Wording or Initial letters in lower right-hand corner of Bldg. indicate building material, thus:

Brick or Br. or B. denotes Brick Walls, etc.

Property owned by Assured, colored in full.

Outside property has margin colored only, with designation of wall materials enclosed thus: (Br.)

Roof construction and covering shown in view as below.

Gravel, Rein. Conc. — Gravel, Plank on Timber — Slate, Boards on Joists

In Views, Roofs are colored gray if covered with material not easily ignited, as Tin, Slate, Gravel or Patent Roofing, and are colored buff if covering material is easily ignited, as shingles, bare boards, or tar paper, etc.

Gravity water tank for fire purposes, or fire pump suction tank above ground.
Mill Service tank, single circle (if shown)
Pressure tank.
Steam Boilers.
Smoke Stack or Chimney.
Fire Pump with Hose connections.
Mill Pump.
Water Meter in pit.
Check Valves (Double) with 2 – O. S. & Y's in pit. Apexes show direction of flow.

Standard Frost-Proof Hydrant. Number of "Horns" shows number of Hose Outlets.
"Dry" or Non-Frost-Proof Hydrant.
Independent Gates on 4-way Standard Hydrant.
Fire Pumper Connection.
Hose House over Hydrant.
Monitor Nozzle.
2½ in. H.C. Hose Connections. H.C.s
Fire Department Connection.
Standpipe for Fire Hose.
Automatic Sprinkler Riser.
Open Sprinkler Riser, extent of heads indicated by arrow heads on plan.
Pipes buried outside of buildings or inside exposed.
Pipes buried under buildings.
Proposed pipes.
Pump Suction with foot valve.
Non-indicating valve in pipe, inside screw underground gate, or doubtful telltale.
Outside Screw and Yoke Valve.
Indicator Post Gate.
Dry Pipe Valve with accelerator or exhauster.

Fire Walls (on plan) complete through all stories.
Other Building Walls or Fences.
Interior Walls or Partitions not complete in all stories.
Retaining Walls.
Property line or street line without fence.
Boundary Line. (State, County, City, etc.)
Wired Glass Windows, in metal frames. / Fire Shutters. — complete in all stories unless otherwise noted.
Unprotected openings ① in fire walls, or ② in sections for open stairs, open elevators, etc.
Fire Doors, complete in all stories unless indicated by numbers.
Double Doors.

Elevators or Stairs with good wood or equivalent enclosures or Hatches.
Elevators or Stairs without enclosures.
Elevators or Stairs enclosed by fire walls.
Elevators or Stairs (enclosed) dotted if not full height of bldg. (Numbers show the stories with which they connect.)
Fire Ladder to Roof.
F.E. Fire Escape.

IN SECTIONS

Denotes (without lettering) only plank on timber, floors or roof.
Corr. Ir. St. Fr. / I-Bs Lettering describes special types and supports of roof or floor construction not fire resistant.
Denotes (without lettering) only boards on joists.
St. Fr. or I-B. Lettering describes additional features of quick-burning floors or roof construction such as exposed steel supports, etc.
Hollow Floor or Roof (concealed spaces).

Denotes Floors or Roofs of Reinforced Concrete, continuous Brick Arch or other fire resistive materials without exposed steel work or other weaknesses.
Conc. Slab. St. Tr. / Tile I-B Lettering describes special types of fire resistive roof or floor construction, also indicating weaknesses in such construction.
A.S. Letters A.S. denote automatic sprinklers throughout room, unless limited by arrows.
O.S. Denotes non-automatic open sprinklers (as window or cornice heads) at each story so protected.

PLAN DIV. OF THE ASSOCIATED MUTUAL INSURANCE CO'S BOSTON, MASS.
SERIAL NUMBER 17541
This Replaces No. 13313

INDEX NUMBER
29224

mper
tion.

Nozzle.

se.

by arrow

d.

erground

W. & A. FLETCHER CO.
"NORTH RIVER IRON WORKS"
(MACHINE SHOP)
HOBOKEN LAND & IMPROVEMENT CO. (Bldgs.)
Hoboken, N. J.

Scale 1 in.=60 ft.
0 60 120

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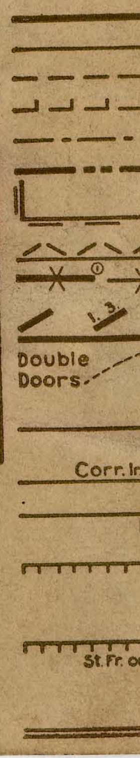

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In Views, Roofs are colored gray if covered with material not easily ignited, as Tin, Slate, Gravel or Patent Roofing, and are colored buff if covering material is easily ignited, as shingles, bare boards, or tar paper, etc.

○ Gravity water tank for fire purposes, or fire pump suction tank above ground.

○ Mill Service tank, single circle (if shown)

Pressure tank.

▨ ▨ Steam Boilers.

○ ■ Smoke Stack or Chimney.

Fire Pump with Hose connections.

Mill Pump.

Water Meter in pit.

Check Valves (Double) with 2 – O. S. & Y's in pit. Apexes show direction of flow.

Standard Frost-Proof Hydrant.
Number of "Horns" shows number of Hose Outlets.

"Dry" or Non-Frost-Proof Hydrant.

Independent Gates on 4-way Standard Hydrant.

Fire Pumper Connection.

Hose House over Hydrant.

Monitor Nozzle.

2½ in. H.C. Hose Connections. H.C.s

Fire Department Connection.

Standpipe for Fire Hose.

Automatic Sprinkler Riser.

Open Sprinkler Riser, extent of heads indicated by arrow heads on plan.

Pipes buried outside of buildings or inside exposed.

Pipes buried under buildings.

Proposed pipes.

Pump Suction with foot valve.

Non-indicating valve in pipe, inside screw underground gate, or doubtful telltale.

Outside Screw and Yoke Valve.

Indicator Post Gate.

Dry Pipe Valve with accelerator or exhauster.

PLANT DRAW # 762

FOR VIEW SEE SERIAL No. 17542

Fire Walls (on plan) complete through all stories.

Other Building Walls or Fences.

Interior Walls or Partitions not complete in all stories.

Retaining Walls.

Property line or street line without fence.

Boundary Line. (State, County, City, etc.)

Wired Glass Windows, in metal frames. } complete in all stories unless otherwise noted.

Fire Shutters. } complete in all stories unless otherwise noted.

① ② Unprotected openings ① in fire walls, or ② in sections for open stairs, open elevators, etc.

1-3 Fire Doors, complete in all stories unless indicated by numbers.

Double Doors

Elevators or Stairs with good wood or equivalent enclosures or Hatches.

Elevators or Stairs without enclosures.

Elevators or Stairs enclosed by fire walls.

Elevators or Stairs (enclosed) dotted if not full height of bldg. (Numbers show the stories with which they connect.)

Fire Ladder to Roof.

F.E. Fire Escape.

IN SECTIONS

Denotes (without lettering) only plank on timber, floors or roof.

Corr. Ir. St. Fr. / I-B's } Lettering describes special types and supports of roof or floor construction not fire resistant.

Denotes (without lettering) only boards on joists.

St. Fr. or I-B. Lettering describes additional features of quick-burning floors or roof construction such as exposed steel supports, etc.

Hollow Floor or Roof (concealed spaces).

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A.S. Letters A.S. denote automatic sprinklers throughout room, unless limited by arrows.

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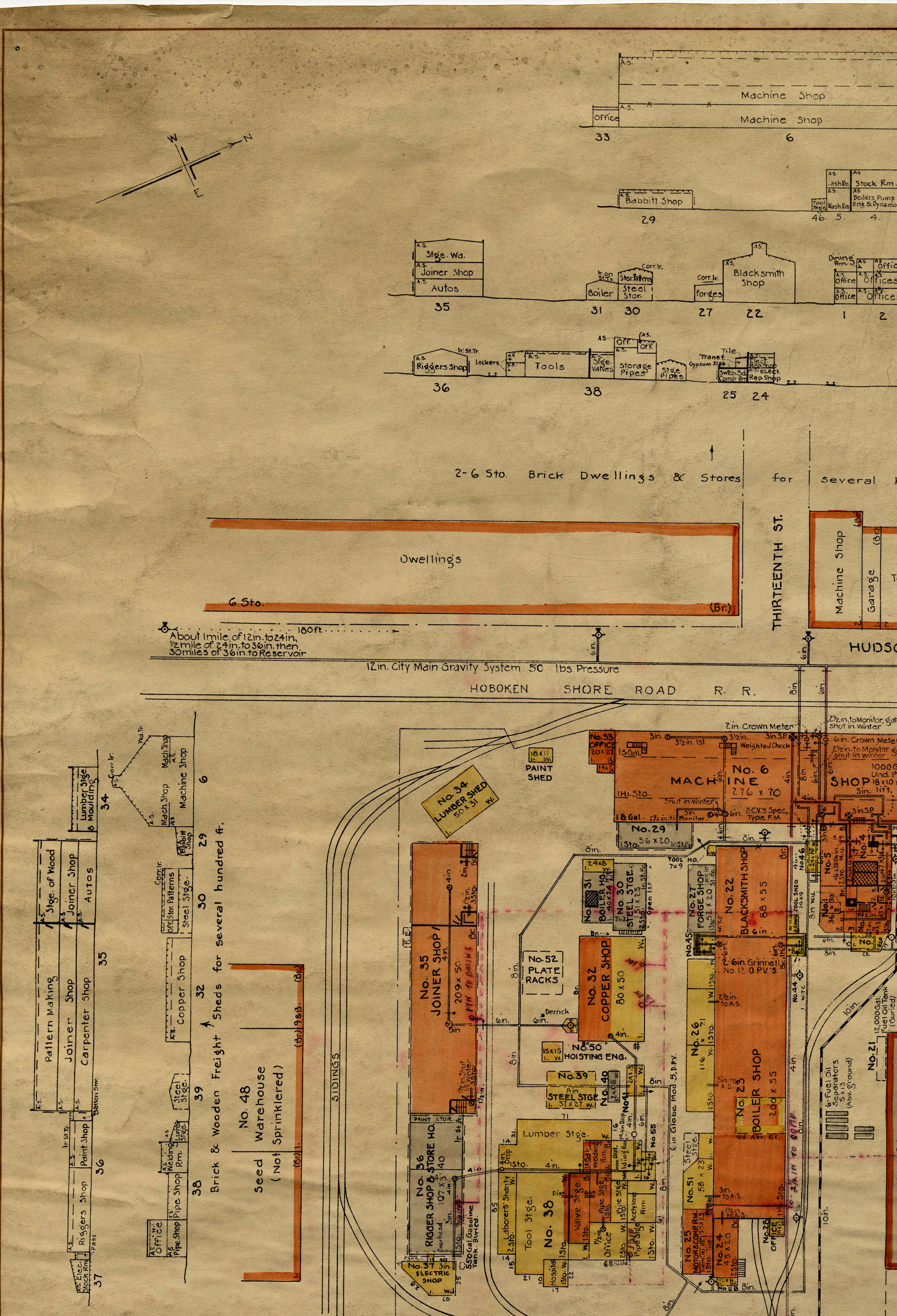
PLAN DIV. OF THE ASSOCIATED MUTUAL INSURANCE CO'S BOSTON, MASS.

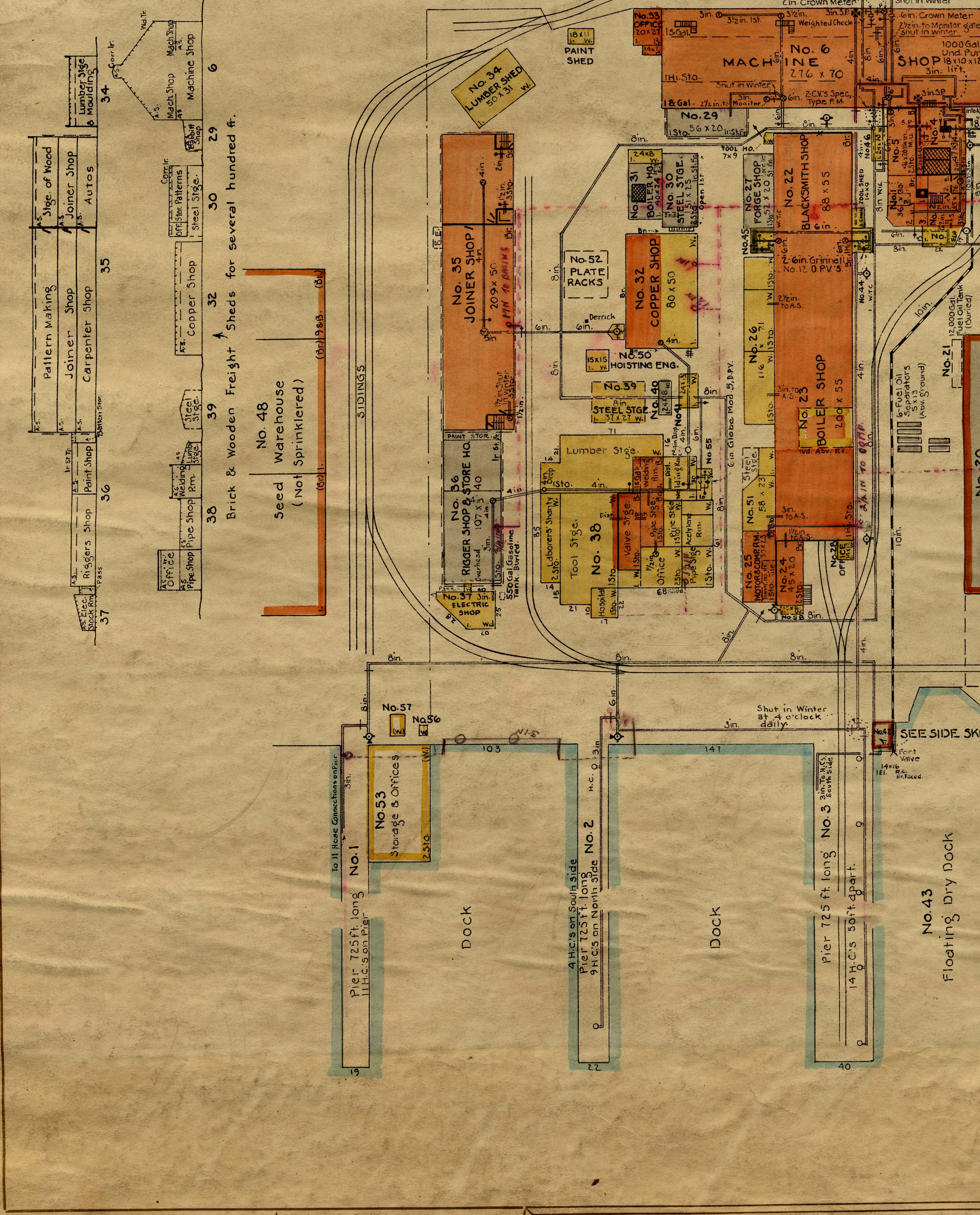
SERIAL NUMBER 17541

This Replaces No. 13313

INDEX NUMBER

29224


W
N
E
A.S.
Machine Shop
Office
Machine Shop
33
6
A.S. Babbitt Shop
29
Stock Rm.
Boilers, Pump Eng. & Dynamo
Tool Stge.
Wash Rm
46. 5. 4.
Stge. Wd.
Joiner Shop
Autos
35
Iron St.Tr.
Stor. Patterns
Corr. Ir.
Boiler
Steel Stor.
31 30
Corr. Ir.
Forges
Blacksmith Shop
27 22
Dining Rm.
Office
Offices
1 2
Riggers Shop
Ir. St. Tr.
Lockers
Tools
Stge. Valves
Storage Pipes
Stge. Pipes
Off.
Tile
Transf.
Gypsum Slab
Elect. Rep. Shop
Swtch. Bd. Compr. Rm.
36
38
25 24
2-6 Sto. Brick Dwellings & Stores for several
Dwellings
6 Sto.
(Br.)
THIRTEENTH ST.
Machine Shop
Garage
180 ft.
About 1 mile of 12 in. to 24 in., 1/2 mile of 24 in. to 36 in. then 30 miles of 36 in. to Reservoir
6 in.
HUDSO
12 in. City Main Gravity System 50 lbs. Pressure
HOBOKEN SHORE ROAD R.R.
8 in.
2 in. Crown Meter
2 1/2 in. to Monitor, gat Shut in Winter
6 in. Crown Meter
2 1/2 in. to Monitor Shut in winter
No. 33 OFFICE 20 x 27
1 S. Gal.
3 in.
3 1/2 in. 1st.
3 1/2 in.
3 in. S.P.
Weighted Check
No. 6 MACHINE SHOP 276 x 70
1 Hi. Sto.
Shut in Winter
1 & Gal.
2 1/2 in. to Monitor
2-C.V.'S Spec. Type F.M.
1000 G. Und.
18 x 10
3 in. lift
No. 29 1 Sto. 56 x 20 Ir. St. Fr.
No. 34 LUMBER SHED 50 x 31 W.
18 x 11 W. PAINT SHED
Wd. Tr.
Mach. Shop
Machine Shop
34
Lumber Stge. & Moulding
Babbitt Shop
29
6
Corr. Ir.
Off.
Stor. Patterns
Steel Stge.
30
Stge. of Wood
Joiner Shop
Autos
Pattern Making
Joiner Shop
Carpenter Shop
35
Copper Shop
32
Steel Stge.
39
Brick & Wooden Freight Sheds for several hundred ft.
Lumb. Stge.
Welding Rm.
Pipe Shop
Office
38
Paint Shop
Riggers Shop
Pass
Elec. Stock Rm.
36
37
No. 48 Seed Warehouse (Not Sprinklered)
(Br.) 1983.
SIDINGS
No. 35 JOINER SHOP 209 x 50
No. 31 BOILER HO.
No. 30 STEEL STGE. 51 x 25
TOOL HO. 7 x 9
No. 27 FORGE SHOP 52 x 20
No. 22 BLACKSMITH SHOP 88 x 55
No. 46
No. 5
No. 4
TOOL SHED 14 x 9
No. 52 PLATE RACKS
No. 32 COPPER SHOP 80 x 50
Derrick
15 x 15 No. 50 HOISTING ENG.
No. 45
2-6 in. Grinnell No. 12 D.P.V.'S
2 1/2 in. to A.S.
No. 26 1 Sto.
No. 44
12,000 Gal. Fuel Oil Tank (Buried)
No. 21
6-Fuel Oil Separators 5 x 13 (Abv. Ground)
No. 39 STEEL STGE. 37 x 27 W.
No. 40
No. 41
No. 55
6 in. Globe Mod. 5, D.P.V.
No. 23 BOILER SHOP 200 x 55
Wd. Abv. Rf.
PAINT STOR.
No. 36 RIGGER SHOP & STORE HO. 107 x 40
Lumber Stge.
Laborers' Shanty
Tool Stge.
No. 38
Valve Stge.
Pipe Stge.
Office
Acetylene Rm.
Hospital
No. 51 Steel Stge. 58 x 23
No. 25 MOTOR & COMP. RM.
No. 24 45 x 20
No. 28 OFFICE
550 Gal. Gasoline Tank, Buried.
No. 37 ELECTRIC SHOP
3 in. to A.S.
1 1/2 in. to A.S.
2 1/2 in. TO COMP.
PIPE TO BASINS
8 in.
10 in.


No. 33 OFFICE 20x27 1. B.
No. 6 MACHINE SHOP 276 x 70
1 Hi. Sto.
1 & Gal.
Shut in Winter.
2½ in. to Monitor
2 C.V.'S Spec. Type F.M.
3½ in. 1st.
Weighted Check
6in. Crown Meter
2½in. to Monitor gate shut in winter
1000 Gal. Und. Pu
18x10x1
3in. lift.
3in. S.P.
No. 29 1 Sto. 56 x 20 Ir. St. Fr.
PAINT SHED 18x11 1. W.
No. 34 LUMBER SHED 50 x 31 W.
No. 35 JOINER SHOP 209 x 50 Br.
MIN TO BASINS
1½ in. Shut in Winter 3 Sto.
No. 31 BOILER HO. 40x24
No. 30 STEEL STGE. 51 x 25 2 Sto. Ir. St. Fr.
Open 1st
TOOL HO. 7x9
No. 27 FORGE SHOP 52 x 20 1 Sto.
No. 22 BLACKSMITH SHOP 88 x 55 Br.
TOOL SHED 14x9
No. 46
No. 5 46x20¼ in. 2 Sto. M.U.
No. 4
No. 11 36x30
No. 52 PLATE RACKS
No. 32 COPPER SHOP 80 x 50
Derrick
No. 50 HOISTING ENG. 15x15 1. W.
No. 39 STEEL STGE. 37 x 27 W.
No. 40
No. 41
No. 45
No. 44 W.T.C.
2-6in. Grinnell No. 12 O.P.V.'S.
2½in. to A.S.
No. 26 116 x 21 1 Sto. W.
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No. 21
6-Fuel Oil Separators 5x13 (Abv. Ground)
10in.
PAINT STOR.
No. 36 RIGGER SHOP & STORE HO. 107 x 40
Overhead
550 Gal. Gasoline Tank. Buried.
No. 37 ELECTRIC SHOP
Lumber Stge.
Laborers' Shanty 2 Sto. W.
Tool Stge.
No. 38
Valve Stge.
Welding Rm.
Pipe Stge.
Acetylene Rm.
Office
Hospital 1 Sto. W.
No. 55
Steel Stge.
No. 51 58 x 23
No. 25 MOTOR & COMP. RM. 50x23
No. 24 45 x 20 2 Sto.
No. 28 OFFICE
No. 58
8in.
SIDINGS
No. 48 Seed Warehouse (Not Sprinklered)
(Br.) 98 B.
Brick & Wooden Freight Sheds for several hundred ft.
Pattern Making
Stge. of Wood
Joiner Shop
Autos
Carpenter Shop
Lumber Stge. & Moulding
Riggers Shop
Paint Shop
Elec. Stock Rm.
Mach. Shop
Machine Shop
Babbit Shop
Stor. Patterns
Off.
Steel Stge.
Copper Shop
Welding Rm.
Lumb. Stge.
Pipe Shop
Office
37
36
35
34
38
39
32
30
29
6
No. 57
No. 56
No. 53 Storage & Offices
Shut in Winter at 4 o'clock daily.
No. 47
SEE SIDE SK
Foot Valve
To 11 Hose Connections on Pier
Pier 725 ft. long 11 H.C.'s on Pier No. 1
Dock
4 H.C.'s on South side Pier 725 ft. long 9 H.C.'s on North Side No. 2
Dock
Pier 725 ft. long No. 3 14 H.C.'s 50 ft. apart
3 in. To H.C.'s South Side
No. 43 Floating Dry Dock
103
147
19
22
40

Materials of wall construction are shown by colors: Brick or Tile = Red; Wood = Yellow; Concrete or Stone = Light Gray; Iron = Blue Gray.

Wording or Initial letters in lower right-hand corner of Bldg. indicate building material, thus:

Brick or Br. or B. denotes Brick Walls, etc.

Property owned by Assured, colored in full.

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In Views, Roofs are colored gray if covered with material not easily ignited, as Tin, Slate, Gravel or Patent Roofing, and are colored buff if covering material is easily ignited, as shingles, bare boards, or tar paper, etc.

Gravity water tank for fire purposes, or fire pump suction tank above ground.

Mill Service tank, single circle (if shown)

Pressure tank.

Steam Boilers.

Smoke Stack or Chimney.

Fire Pump with Hose connections.

Mill Pump.

Water Meter in pit.

Check Valves (Double) with 2 — O. S. & Y's in pit. Apexes show direction of flow.

Standard Frost-Proof Hydrant. Number of "Horns" shows number of Hose Outlets.

"Dry" or Non-Frost-Proof Hydrant.

Independent Gates on 4-way Standard Hydrant.

Fire Pumper Connection.

Hose House over Hydrant.

Monitor Nozzle.

2½ in. H.C. Hose Connections. H.C.s

Fire Department Connection.

Standpipe for Fire Hose.

Automatic Sprinkler Riser.

Open Sprinkler Riser, extent of heads indicated by arrow heads on plan.

Pipes buried outside of buildings or inside exposed.

Pipes buried under buildings.

Proposed pipes.

Pump Suction with foot valve.

Non-indicating valve in pipe, inside screw underground gate, or doubtful telltale.

Outside Screw and Yoke Valve.

Indicator Post Gate.

Dry Pipe Valve with accelerator or exhauster.

W. & A. FLETCHER CO
"NORTH RIVER IRON WORKS
(MACHINE SHOP)
HOBOKEN LAND & IMPROVEMENT
Hoboken, N. J.

Surveyed July 15, 1925.

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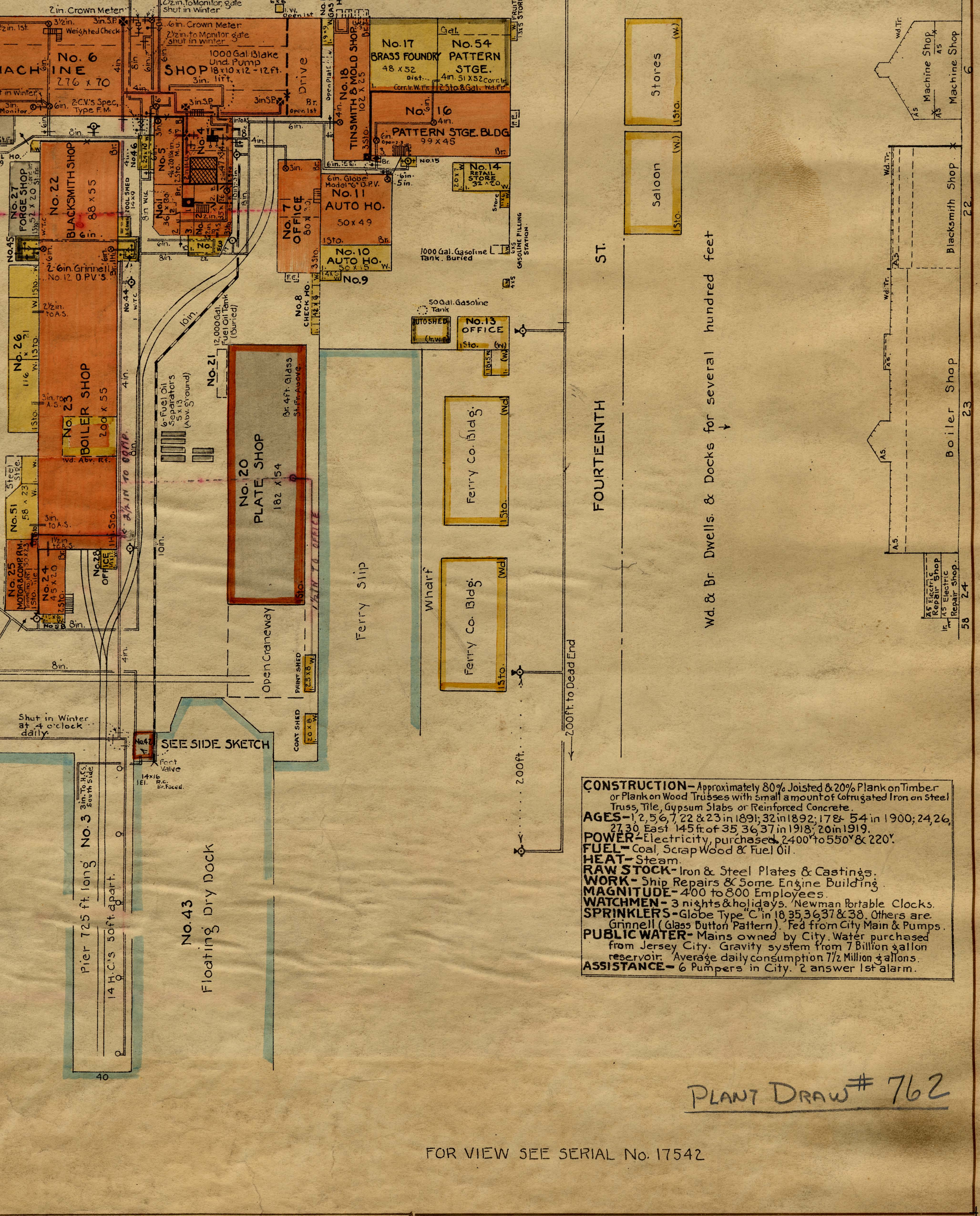


CONSTRUCTION- Approximately 80% Joisted & 20% Plank on Timber or Plank on Wood Trusses with small amount of Corrugated Iron on Steel Truss, Tile, Gypsum Slabs or Reinforced Concrete.
AGES- 1, 2, 5, 6, 7, 22 & 23 in 1891; 32 in 1892; 17 & 54 in 1900; 24, 26, 27, 30, East 145 ft. of 35, 36, 37 in 1918; 20 in 1919.
POWER- Electricity, purchased. 2400V to 550V & 220V.
FUEL- Coal, Scrap Wood & Fuel Oil.
HEAT- Steam.
RAW STOCK- Iron & Steel Plates & Castings.
WORK- Ship Repairs & Some Engine Building.
MAGNITUDE- 400 to 800 Employees.
WATCHMEN- 3 nights & holidays. Newman Portable Clocks.
SPRINKLERS- Globe Type "C" in 18, 35, 36, 37 & 38. Others are Grinnell (Glass Button Pattern). Fed from City Main & Pumps.
PUBLIC WATER- Mains owned by City. Water purchased from Jersey City. Gravity system from 7 Billion gallon reservoir. Average daily consumption 7½ Million gallons.
ASSISTANCE- 6 Pumpers in City. 2 answer 1st alarm.

PLANT DRAW # 762

FOR VIEW SEE SERIAL No. 17542

& A. FLETCHER CO.
TH RIVER IRON WORKS"
(MACHINE SHOP)
D & IMPROVEMENT CO. (Bldgs.)
Hoboken, N. J.

Scale 1 in = 60 ft.
0 60 120

Tracing No. 17541

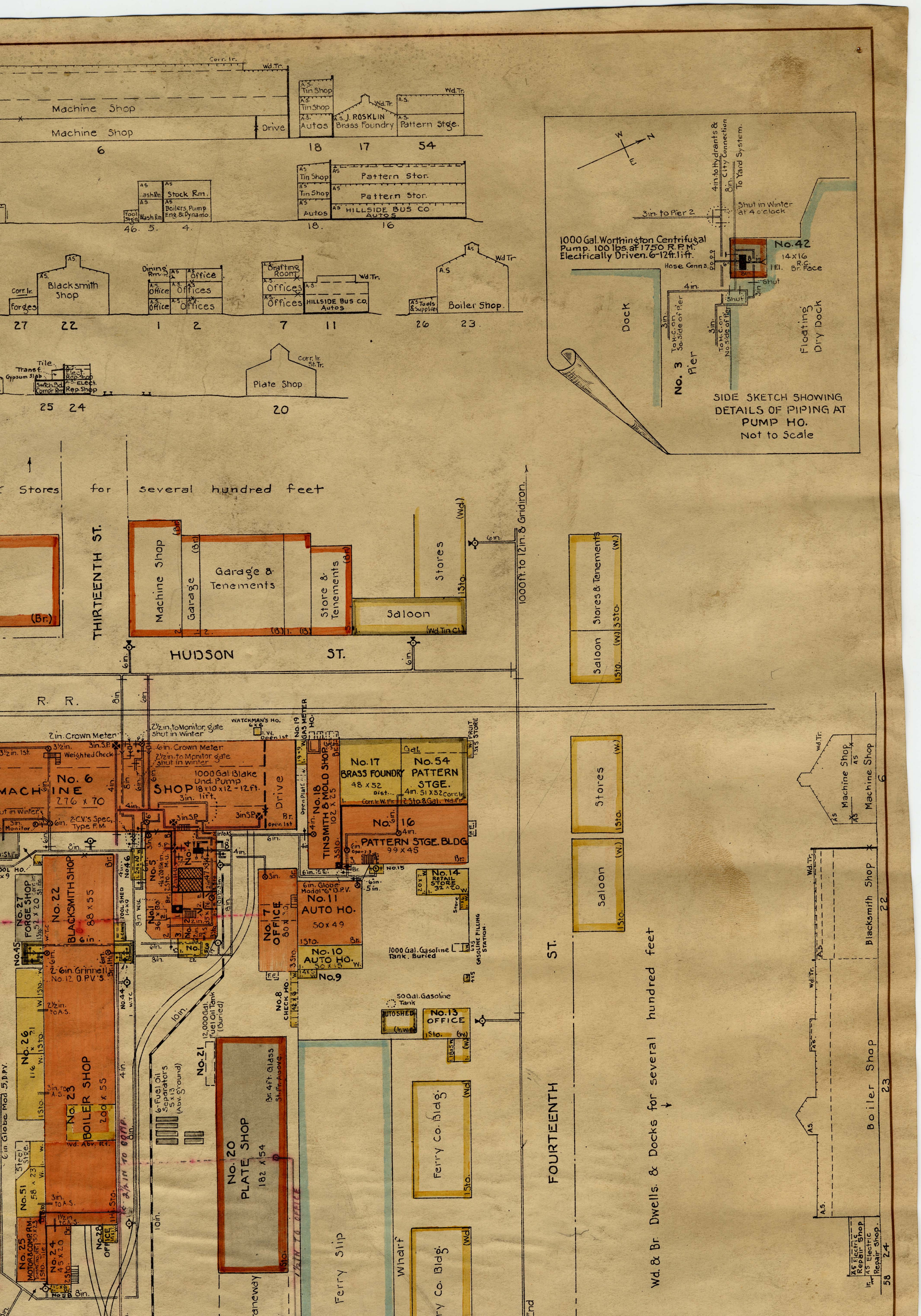
- Fire Walls (on plan) complete through all stories.
- Other Building Walls or Fences.
- Interior Walls or Partitions not complete in all stories.
- Retaining Walls.
- Property line or street line without fence.
- Boundary Line. (State, County, City, etc.)
- Wired Glass Windows, in metal frames. } complete in all stories unless otherwise noted.
- Fire Shutters. } complete in all stories unless otherwise noted.
- Unprotected openings ① in fire walls, or ② in sections for open stairs, open elevators, etc.
- Fire Doors, complete in all stories unless indicated by numbers. Double Doors
- Elevators or Stairs with good wood or equivalent enclosures or Hatches.
- Elevators or Stairs without enclosures.
- Elevators or Stairs enclosed by fire walls.
- Elevators or Stairs (enclosed) dotted if not full height of bldg. (Numbers show the stories with which they connect.)
- Fire Ladder to Roof.
- F.E. Fire Escape.

IN SECTIONS

- Denotes (without lettering) only plank on timber, floors or roof.
- Corr. Ir. St. Fr. / I-B: Lettering describes special types and supports of roof or floor construction not fire resistant.
- Denotes (without lettering) only boards on joists.
- St. Fr. or I-B.: Lettering describes additional features of quick-burning floors or roof construction such as exposed steel supports, etc.
- Hollow Floor or Roof (concealed spaces).
- Denotes Floors or Roofs of Reinforced Concrete, continuous Brick Arch or other fire resistive materials without exposed steel work or other weaknesses.
- Conc. Slab. St. Tr. / Tile I-B: Lettering describes special types of fire resistive roof or floor construction, also indicating weaknesses in such construction.
- A.S.: Letters A.S. denote automatic sprinklers throughout room, unless limited by arrows.
- O.S.: Denotes non-automatic open sprinklers (as window or cornice heads) at each story so protected.

PLAN DIV. OF THE ASSOCIATED MUTUAL INSURANCE COS. BOSTON, MASS.
SERIAL NUMBER 17541
This Replaces No. 13313

INDEX NUMBER
29224


Machine Shop
Machine Shop
Drive
6
Tin Shop
Tin Shop
Autos
18
J. ROSKLIN
Brass Foundry
17
Pattern Stge.
54
Stock Rm.
Boilers, Pump Eng. & Dynamo
Wash Rm.
Tool Stge.
46 5 4
Tin Shop
Tin Shop
Autos
18
Pattern Stor.
Pattern Stor.
HILLSIDE BUS CO. AUTOS
16
Forges
Blacksmith Shop
27 22
Dining Rm.
Office
Offices
Offices
1 2
Drafting Room
Offices
Offices
HILLSIDE BUS CO. Autos
7 11
Tools & Supplies
Boiler Shop
26 23
Transf.
Elect. Rep. Shop
Swtch.Bd. Compr. Rm.
Rep. Shop
25 24
Plate Shop
20
W N E
4in. to Hydrants & 8in. City Connection
To Yard System
3in. to Pier 2
Shut in Winter at 4 o'clock
1000 Gal. Worthington Centrifugal Pump. 100 lbs. at 1750 R.P.M. Electrically Driven. 6-12ft. lift.
No. 42
14x16
1 El. R.C. Br. Face
Hose Conns.
Shut
Dock
3in. To H.C. on So. Side of Pier
3in. To H.C. on No. Side of Pier
No. 3 Pier
Floating Dry Dock
SIDE SKETCH SHOWING DETAILS OF PIPING AT PUMP HO.
Not to Scale
Stores for several hundred feet
THIRTEENTH ST.
Machine Shop
Garage
Garage & Tenements
Store & Tenements
Stores
Saloon
1000 ft. to 12in. & Gridiron.
Stores & Tenements
Saloon
HUDSON ST.
R. R.
WATCHMAN'S HO.
GAS METER HO.
FRUIT STORE
2in. Crown Meter
Weighted Check
No. 6 MACHINE SHOP 276 x 70
2½in. to Monitor, gate shut in Winter
6in. Crown Meter
1000 Gal. Blake Und. Pump 18x10x12-12ft. 3in. lift.
Drive
No. 18 TINSMITH & MOLD SHOP 102 x 25
No. 17 BRASS FOUNDRY 48 x 52
No. 54 PATTERN STGE. 51 x 52
No. 16 PATTERN STGE. BLDG. 99 x 45
2 C.V.'s Spec. Type F.M.
No. 22 BLACKSMITH SHOP 88 x 55
No. 27 FORGE SHOP 52 x 20
No. 46
No. 5
No. 4
No. 1
No. 2
No. 7 OFFICE 80 x
No. 11 AUTO HO. 50 x 49
6in. Globe Model "G" D.P.V.
No. 14 RETAIL STORE 32 x 20
1000 Gal. Gasoline Tank, Buried
GASOLINE FILLING STATION
No. 10 AUTO HO. 50 x 15
No. 9
No. 8 CHECK HO.
No. 45
2-6in. Grinnell No. 12 D.P.V.'S.
No. 44
50 Gal. Gasoline Tank
AUTO SHED
No. 13 OFFICE
No. 26
No. 23 BOILER SHOP 200 x 55
12,000 Gal. Fuel Oil Tank (Buried)
No. 21
6-Fuel Oil Separators 5x13 (Abv. Ground)
No. 20 PLATE SHOP 182 x 54
Br. 4ft. Glass St. Fr. Above
Ferry Co. Bldg.
Ferry Co. Bldg.
FOURTEENTH ST.
Wd. & Br. Dwells. & Docks for several hundred feet
No. 51 58 x 23
No. 25 MOTOR & COMP. RM.
No. 24 45 x 20
No. 28 OFFICE
Ferry Slip
Wharf
6in. Globe Mod. 5, D.P.V.
2½ in. to Office
1½ in. to Office
Machine Shop
Machine Shop
6
Blacksmith Shop
22
Boiler Shop
23
Electric Repair Shop
Electric Repair Shop
24
58