

General Report No. 1786.

Individual Report No. 4.

Risk Nos. 10 and 11.

Risk: Car Houses.

Class: 1-B.

Location: W. Broad St. and Glenwood Ave, Columbus, Ohio.

Owner and Occupant: The Columbus Railway & Light Co.

Date: May, 1909.

See Map No. 5.

SUMMARY.

Two risks, a brick car and repair house and a car storage house, located 30 feet apart with roller steel doors at track openings, each being one story in height and cut into two sections by a division wall extending above the roof. Risks are of modern construction, are in good repair and well cared for generally. There are no exposures except from a small dwelling and the public fire department with steamer is located across the street. The repair feature is very small so that these should be considered good risks of their class.

PROMINENTLY DESIRABLE FEATURES.

Areas which otherwise would be large are cut up by division walls; no section being greater than standard. Exposure is very small and public protection is standard with the fire department across the street. Risks are comparatively new and well cared for. Watchman is employed reporting by A. D. T. system.

PROMINENTLY UNDESIRABLE FEATURES.

Some oils are stored in the risk, car wiring is not nearly standard and trolley poles are not drawn down out of contact during the storage of cars.

CONSTRUCTION.

Car House and Repairing: A 1 story brick car house 20 feet to eaves. Area is in two sections the repair or wash room section 70 by 140 feet, equaling 9800 square feet and the storage section 65 by 140 feet, equalling 9100 square feet the total area being 18900 square feet. Outside and division walls are 12 inch brick the division wall extending 18 inches above the roof, and having one door opening protected by double fire doors, these however being somewhat out of repair. Mansard roof composition gravel covered on 7-8 inch wooden sheathing, with 12 by 12 inch timbered Howe truss supporting. Floors are of earth or concrete except in the office section where they are of matched wooden flooring laid on joists. Pits have concrete bottoms and sides with tracks laid on wooden stringers, supported by wooden posts with the space between tracks planked over. Inside partitions are of brick, and interior finished open except in the office which is lath and plaster ceiled. There are two 10 by 10 foot raised skylights, having metal covered sides, metal frames, and wired glass panes, in the repair shop section. Track openings are all provided with the Kinnear rolling steel doors.

Car Storage House: A 1 story brick building 20 feet to the eaves. Area is in two divisions, one 60 by 250 feet equaling 15000 square feet and the other 70 by 250 feet equaling 17500 square feet. Walls are all 12 inch brick, the division wall extending 18 inches above the roof. Roof is flat with composition gravel covering on 7-8 inch wooden sheathing, supported by wooden rafters, stringers and posts. Floors are of earth gravel covered. Interior finish is open. All track openings have Kinnear rolling steel doors.

EXPOSURE.

There are no exposures except the component exposure and from small dwelling, the component exposure being practically cut off by its 12 inch walls which extend above the roof with track openings protected

OCCUPANCY.

The car house and repair shop is occupied as a wash room with small repairs such as the adjustment of brake shoes the repair of the car wiring etc., and as car storage room, office and employes rooms while the car storage house is occupied for car storage only. The trackage capacity of the car house and repair shop is 28 cars and that of the car storage barn is 77 cars.

HAZARDS.

Lighting is electric throughout with wiring in fair condition. The car storage house is not heated and is without other hazards except those inherent in the cars. The car house and repair shop is **heated** by steam with the arrangement of the boiler and steam pipes good. **Trolley wires** are properly supported on insulated hangers and has the proper **cutout switch**, but no **lightning arrester**. **Rails** are bonded and without transfer table. One barrel of car **oil** is stored in the heater room. **Oily waste** is kept well cleaned up. The repair features is small the barn being used practically as an operating barn only. **Cars** are electric heated and lighted with wiring not nearly standard. **Trolleys** are not drawn down out of contact during the storage of the cars but the overhead switches are thrown.

ADMINISTRATION.

Employes appear competent and careful and the risks are well cared for. This barn is used for the storage of nearly all the cars operating on the western portion of the system the cars being taken to the Rose Avenue Shops for all repairs of any consequence.

The items of insurance carried here are shown in the value sheet the property all being covered under the general form. (SEE VALUE SHEET).

PROTECTION.

There is no private protection except two hand chemical extinguishers in the car house and repair shop, and nightwatch service throughout with watchman reporting by the A. D. T. System. Public protection is standard with the fire department house located just across the street.

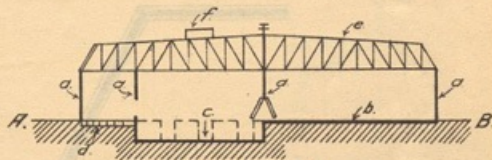
RECOMMENDATIONS.

1. Remove car oil now stored in the risk to an outside location not exposing.
2. Make car wiring standard and remove trolley poles from contact with trolley wire during the storage of cars.

THE COLUMBUS RAILWAY AND LIGHT CO.

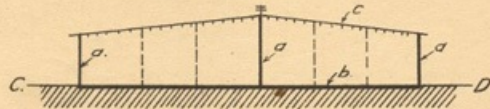
MAP NO. 5.
OHIO INSPECTION BUREAU
T. B. SELLERS, MANAGER.
COLUMBUS, OHIO.
MARCH, 1909.
SCALE 1" = 50' N.P.M.

- a. - 12" BRICK WALLS, WITH DIVISION WALL PARAPETED IS.
- b. - GRAVEL FLOOR.
- c. - OPEN PITS WITH CONCRETE BOTTOMS AND SIDES, AND WITH TRACKS ON WOODEN STRINGERS AND POSTS WITH SPACE BETWEEN PLANKED OVER.
- d. - WOODEN FLOOR ON JOISTS IN OFFICE.
- e. - COMPOSITION GRAVEL ROOF ON 7/8" SHEATHING WITH 12" X 12" ROOF TIMBERS SUPPORTING.
- f. - WIRED GLASS SKYLIGHT SET IN METAL FRAME AND WITH ROOF HOUSE METAL COVERED.



SECTION A-B.

- a. - 12" BRICK WALLS.
- b. - GRAVEL FLOORS.
- c. - COMPOSITION GRAVEL ROOF ON 7/8" WOODEN SHEATHING SUPPORTED BY 2" X 12" RAFTERS 8" X 12" STRINGERS & 8" X 8" WOODEN POSTS.



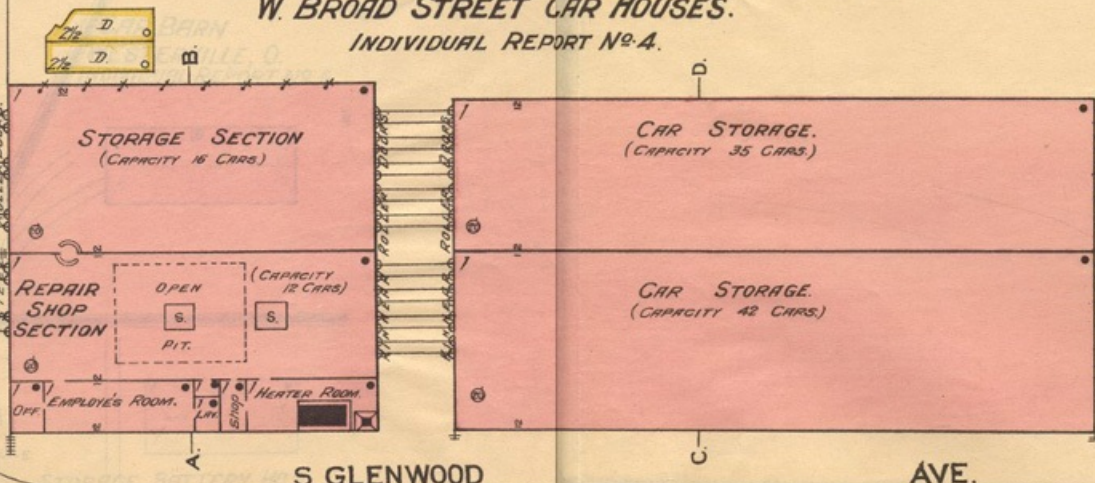
SECTION C-D.

W. BROAD STREET CAR HOUSES.

INDIVIDUAL REPORT No. 4.

ST.

W. BROAD



S. GLENWOOD

AVE.