

Jackson Street Shops,
Pattern Storage Building
Jackson Street, Arch Street
St. Paul
Ramsey County
Minnesota

HABS No. MN-67-L

HABS
MINN,
62-SAIPA,
17-L-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Buildings Survey
National Park Service
Rocky Mountain Regional Office
Department of the Interior
P.O. Box 25287
Denver, Colorado 80225

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HISTORIC AMERICAN BUILDINGS SURVEY

JACKSON STREET SHOPS,
PATTERN STORAGE BUILDING

HABS No. MN-67-L

Location: Jackson Street and Arch Street (West corner on Arch Street and Burlington Northern Railroad tracks), St. Paul, Ramsey County, Minnesota.

USGS St. Paul East Quadrangle, Universal Transverse Mercator Coordinates: Zone 15; 491920.4878640; 492560.4878640; 492560.4878540; 492300.4878540; 492140.4878400; 491920.4878400

Present Owner: Burlington Northern Railroad Company
176 East Fifth Street
St. Paul, Minnesota

Present Occupant: Vacant

Significance: The Pattern Storage Building is one of the twelve buildings in the Jackson Street Shops complex. The earliest buildings were established by Great Northern's founder James J. Hill. The building of the Pattern Storage Building in 1916 illustrates a need for storage space in the expanding Jackson Street Shops.

PART I. HISTORICAL INFORMATION

A. Physical History:

1. Date of erection: 1916. The building permit was taken out on June 14, 1916.
2. Architect: Shepley and Johnson. Charles Shepley and William L. Johnson were listed as general contractors in the 1916 St. Paul city directory. They were located at 1004 Pioneer Building. Both were residents of St. Paul.
3. Original and subsequent owners:
Great Northern Railroad
Burlington Northern Railroad Company
4. Builders, suppliers:
 - a. Builder: Shepley and Johnson.
 - b. Suppliers: Lee and Hoff Manufacturing Co., St. Paul suppliers of the overhead track with trolley. General Electric, N.Y., suppliers of the 3000 lb. electric elevator.

JACKSON STREET SHOPS,
PATTERN STORAGE BUILDING
HABS No. MN-67-L (Page 2)

5. Original plans and construction: Original plans by Shepley and Johnson June 1916 and updated by Burlington Northern Railroad Company 1956 show no major alterations to the exterior of the 100' x 140' brick building. (Plans obtained from Burlington Northern) The estimated cost of the building was \$21,000. (Building Permit).

B. Description of Exterior:

1. Overall dimensions: Two story storage building measures 100' in width, 140' in depth and 25' in height.
2. Foundations: Excavation common - Concrete plain. Footings 2'-6" wide, 12" thick and are 5'-0" below grade.
3. Wall construction: Exterior walls are 13" thick on both the first and second floor and are of poured concrete below grade and brick above grade.
4. Structural system, framing: Heavy timber construction of fir on load bearing exterior walls. First and second floor columns are 8" x 8" and 12' high or 17'-5" x 19'-9". The second floor has 3" on 8" x 16" joists, 3" pine flooring on 8" x 16" joists, 5'-10" O.C. arranged supported on 14" x 20" wood girders.
5. Openings:
 - a. Doorways and doors: South elevation has one door 9'-6" x 8'-11" flanked by two doors measuring 7'-6" x 3'-3". New red brick has been added to fill in former window opening at easterly pedestrian door.

North elevation has one door measuring 6'-8" x 3'-5".

West elevation has one door measuring 7'1 1/2" x 3'-3". The door and surrounding brick has been painted green.

East elevation has one door 6'8" x 3'-3" trimmed in newer cream brick. First floor center has one 9'-0" x 12'-0" trimmed with newer cream brick. Also second floor has one door measuring 6'-11 1/2" x 9'-4", trimmed in new brick. The door has been removed.

JACKSON STREET SHOPS,
PATTERN STORAGE BUILDING
HABS No. MN-67-L (Page 3)

- b. Windows: Windows original to the structure were double hung 8 over 8 wood sash. These can be found on the second floor and first floor on both the north and south elevations. The east and west elevations on the first floor have had sash removed and replaced with corrulux panels and hinged sash above. All windows have arched brick work above.

6. Roof:

- a. Shape, covering: Slightly sloped roof with a pitch and gravel covering.

C. Description of Interior:

- 1. Floor plans: First floor contains a large central working area. Stairway leading to the second floor is at south end of building. One office remains intact today in the southwest corner of the building. At one time partitions were placed for a toilet room, first aid room located at the east of the building and a hair picking room. Second floor contains large open space with no enclosures.
- 2. Stairway: Enclosed stairway first to second floor at south end of building.
- 3. Flooring: First floor, 4" concrete on 8" cinder fill. Second floor, 3" x 8" pine.
- 4. Walls: Walls with exposed brick except for office space which is paneled.
- 5. Mechanical Equipment: Heating: Low pressure from car shop with 106 sq. ft. radiation. Heating system is not operational.

D. Site:

General setting: The Pattern Storage Building faces south toward Arch Street. It was protected to its north and west by existing structures. The east elevation faces Jackson Street.

PART III. SOURCES OF INFORMATION

A. Architectural Drawings:

Burlington Northern Railroad Company, 1916 plans updated to 1956,
#8025-1 through 8025-7.

B. Primary and Unpublished sources:

Burlington Northern Railroad Company, A.F.E. file #2653, 88468 &
80804.

Building Permit Application, June 14, 1916, Ramsey County Court
House, St. Paul.

St. Paul Heritage Preservation Commission site Nomination Form,
Jackson Street Shops. 1984.

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March 1985

PART IV. PROJECT INFORMATION

This project was prepared as a class project for Architecture 5142, Historic Building Research and Documentation, a class offered in the School of Architecture and Landscape Architecture at the University of Minnesota, Minneapolis, Minnesota. The class project was prepared under the direction of Professor Foster W. Dunwiddie and was funded by a grant from the State Historic Preservation Office of the Minnesota Historical Society, Saint Paul, Minnesota. Historic data compiled by Jayne Barden-Oddan.