

RARITAN ARSENAL, MACHINE SHOP S-3-C
(Raritan Arsenal, Building 15D)
2890 Woodbridge Avenue
Bonhamton Vicinity
Middlesex County
New Jersey

HABS No. NJ-1061-H

HABS
NJ
12-BONTO.V,
1H-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN BUILDINGS SURVEY
National Park Service
Philadelphia Support Office
U.S. Custom House
200 Chestnut Street
Philadelphia, PA 19106

HISTORIC AMERICAN BUILDINGS SURVEY

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(Raritan Arsenal, Building 15D)

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11-

Location: 2890 Woodbridge Avenue, Bonhamton vicinity, Middlesex County, New Jersey

USGS Perth Amboy, New Jersey Quadrangle
Universal Transverse Mercator Coordinates: 18.554280.4484820

Significance: Machine Shop S-3-C is significant as a contributing structure in the World War II expansion of the shops complex. Although completed after the end of World War II, the structure was part of the wartime expansion of the shops complex due to increased wartime production of artillery and motorized arms.

Description: This American bond brick building sits on a concrete slab foundation. The flat-roof building has metal box gutters at the parapet. The north elevation is formed by the former south exterior wall of the Machine Shop, Building 15C (HABS No. NJ-1061-G). A single bay of industrial metal-frame windows atop a concrete sill is located at the east and west ends of the south elevation and three doors led to Latrine Building 16. The east and west elevations contain no openings or decoration. The room contains three interior bays; the north span rests on the former exterior wall of the Machine Shop. Steel posts support the concrete panel roof. A gable-peak skylight is constructed of corrugated glass supported by a riveted steel frame. The frame rests on a brick base above the concrete panel roof.

History: Machine Shop S-3-C was constructed in 1946 as permanent construction (Metcalf & Eddy 1991). In 1949, the building was referenced as the Special Purpose Vehicle Shop, in 1954 the building was referenced as the Power Train and Metal Work Section, and in 1959 it was referenced as the Metal Shop (Dames & Moore 1993: Table 9). The building presently contains few clues as to its use, with the exception of electrical panels on the east wall labeled for the Electrical Shop, Iron Worker, and Spot Welder. The building is owned by the United States Environmental Protection Agency (U.S.E.P.A.) and is vacant. The U.S.E.P.A. has decided to demolish the building because it cannot presently be reused and renovation is not cost-effective.

Sources: Dames & Moore. Archival Search Report Former Raritan Arsenal, Edison, New Jersey, Volumes 1 and 2, Prepared for the Army Corps of Engineers, Kansas City District, Kansas City, Missouri, July 1993.

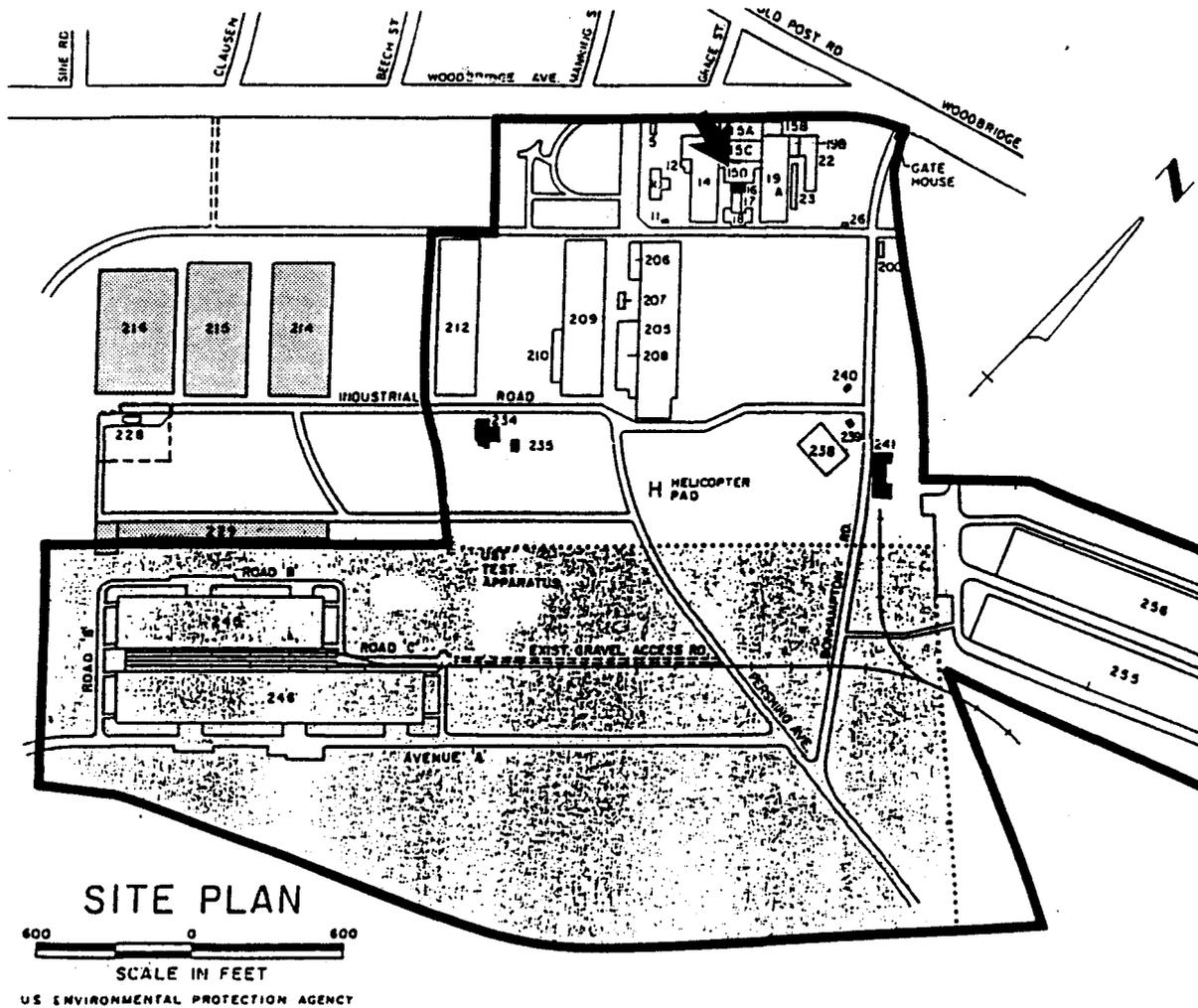
Metcalf & Eddy. Archives Search Report for Raritan Center and the General Services Administration Area, Prepared for the Army Corps of Engineers, Huntsville Division, Huntsville, Alabama, December 1991.

RARITAN ARSENAL, ARTILLERY SHOP S-3-C
(Raritan Arsenal, Building 15D)
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Historian: Stacy E. Spies, Richard Grubb & Associates, October, 1996

PROPERTY PLOT PLAN

Map of the U.S.E.P.A.-owned property which includes part of the former Raritan Arsenal. Arrow points to subject building. Map is altered from Figure 2 of the Stage 1 Cultural Resources Survey, United States Environmental Protection Agency Edison Facility, Edison Township, Middlesex County, New Jersey, 1990.



KEY:

- - EPA BOUNDARY
- ▨ - BUILDINGS OWNED BY MIDDLESEX COUNTY COLLEGE
- - BUILDINGS RECENTLY DEMOLISHED

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SKETCH FLOORPLAN

