

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
REGISTRATION FORM

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1. Name of Property

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historic name: Juniata Iron Works

other name/site number: Hatfield Iron Works

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2. Location

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street & number: 1.5 mi. East of Alexandria, between old canal/railroad
bed and Frankstown Branch of Juniata River, Route 885

not for publication: N/A

city/town: Alexandria (Porter Township)

vicinity: N/A

state: PA county: Huntingdon code: 061

zip code: 16611

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3. Classification

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Ownership of Property: Private

Category of Property: District

Number of Resources within Property:

| Contributing | Noncontributing |
|--------------|------------------|
| 6 | 1 buildings |
| _____ | _____ sites |
| _____ | _____ structures |
| _____ | _____ objects |
| 6 | 1 Total |

Number of contributing resources previously listed in the National Register: 0

Name of related multiple property listing: Industrial Resources of
Huntingdon County

4. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1986, as amended, I hereby certify that this nomination request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property meets does not meet the National Register Criteria. See continuation sheet.

Signature of certifying official Date

State or Federal agency and bureau

In my opinion, the property meets does not meet the National Register criteria. See continuation sheet.

Signature of commenting or other official Date

State or Federal agency and bureau

5. National Park Service Certification

I, hereby certify that this property is:

- entered in the National Register See continuation sheet.
determined eligible for the National Register See continuation sheet.
determined not eligible for the National Register
removed from the National Register
other (explain):

Signature of Keeper Date of Action

6. Function or Use

Historic: Industry/Processing/Extract Sub: Manufacturing Facility

Current : Domestic Sub: single dwelling
Vacant/not in use

7. Description

Architectural Classification:

Federal

Other Description: _____

Materials: foundation stone roof asphalt
 walls brick other _____

Describe present and historic physical appearance. X See continuation sheet.

8. Statement of Significance

Certifying official has considered the significance of this property in relation to other properties: locally.

Applicable National Register Criteria: A C

Criteria Considerations (Exceptions) : _____

Areas of Significance: Industry
 Architecture

Period(s) of Significance: 1841-1875 -

Significant Dates : N/A _____

Years of Alterations: _____

Significant Person(s): N/A

Cultural Affiliation: N/A

Architect/Builder: unknown

State significance of property, and justify criteria, criteria considerations, and areas and periods of significance noted above. X See continuation sheet.

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 9. Major Bibliographical References
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See continuation sheet.

Previous documentation on file (NPS):

- preliminary determination of individual listing (36 CFR 67) has been requested.
- previously listed in the National Register
- previously determined eligible by the National Register
- designated a National Historic Landmark
- recorded by Historic American Buildings Survey # _____
- recorded by Historic American Engineering Record # PA 061.030

Primary Location of Additional Data:

- State historic preservation office
- Other state agency
- Federal agency
- Local government
- University
- Other -- Specify Repository: Huntingdon County Historical Society

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 10. Geographical Data
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Acreeage of Property: 5

UTM References: Zone Easting Northing Zone Easting Northing

| | | | | | | | |
|---|----|--------|---------|---|----|--------|---------|
| A | 17 | 746985 | 4492090 | B | 17 | 747015 | 4492035 |
| C | 17 | 746695 | 4491619 | D | 17 | 746605 | 4491620 |

See continuation sheet.

Verbal Boundary Description: See continuation sheet.

Boundary Justification: See continuation sheet.

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 11. Form Prepared By
 =====

Name/Title: Deborah L. Suciu - Historic Preservation Specialist

Organization: PHMC - BHP

Date: August 1989

Street & Number: Box 1026, State Museum

Telephone: (717) 783-5796

City or Town: Harrisburg

State: PA ZIP: 17108-1026

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DESCRIPTION OF APPEARANCE:

Located in the northern part of the county on the Frankstown Branch of the Juniata River, one mile east of Alexandria, six buildings survive which were associated with the Juniata Iron Works: two ironmaster's mansions, a store and post office, a grist mill, and two worker houses. The Frankstown Branch of the Juniata River lies several feet south of the district boundary. The right-of-way of the Pennsylvania Railroad passes through the district near the second ironmasters mansion. The railroad lies on the bed of the Pennsylvania Canal.

In the late 1830's the iron works consisted of a forge and rolling mill on the south side of the river. By 1845 a puddling/run out furnace had been added. All of this was relocated to the north side of the river in the late 1840's where the identified resource stands. An ironmasters mansion had been constructed in 1841 on the north side of the river facing the ironworks prior to the relocation. A second ironmasters mansion was constructed in 1867 overlooking the relocated operations.

The first ironmaster's mansion was constructed in 1841 and is a 47 x 23-foot, two-and-a-half-story brick house with a 20 x 20-foot rear ell. It has a stone rubble foundation, asphalt roof, and six-over-six-light windows. There are two interior chimneys located on the gable ends of the original front facade. There is a wooden boxed cornice with partial returns. The original five-bay front faces south to the river, but the house was reoriented to the north and stylistically updated, probably in the 1870s, with brackets under the eaves, a gracefully arched porch, bay window, and different shutters from those on the south.

The store/post office building is immediately to the northwest of the first ironmaster's mansion. The original 24 x 15 foot building has a brick first story and frame second story with a 25 x 12 foot frame wing to the rear. The four-bay building had two central front doors, one now converted to a window. It has a stone foundation, asphalt roof, six-over-six windows, and twentieth century three-car garage with shed roof attached to the east side of the rear wing. This building is presently in use as a bed-and-breakfast.

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The three-and-a-half-story grist mill was constructed in 1856. It measures 36 x 50 feet, and has a two-and-a-half-story shed-roof addition to west side. The structure is a post and beam timber frame with clapboard siding, a rubble stone foundation with a semi-circular arch over the tail race, and a slate roof. The interior is whitewashed and no equipment remains. The building is overgrown and rapidly deteriorating.

Along the drive to the first mansion there are three buildings, two of which are workers' houses dating to the 1840s. The building furthest south measures 35 x 25 feet and is a two-and-a-half-story frame, four-bay and L-shaped, with a one-story addition to the north side. The second workers' house immediately northeast of the first is a 35 x 22-foot two-and-a-half-story four-bay frame duplex with one-story rear additions. Both have rubble stone foundations, metal roofs, and asphalt siding. A third house, furthest northeast, in this group is a very small frame building covered with asphalt siding with huge exterior brick chimney. It does not appear to date from the iron works period and therefore does not contribute to this historic district.

The second ironmaster's mansion has been dated to 1867. This two-and-a-half-story 50 x 28 foot brick house with a 45 x 20 foot rear section, has a rubble stone foundation, asphalt shingle roof with two double interior chimneys over the gable ends of the main house and one in the center of the rear ell. There are six-over-six windows with louvered shutters, bracketed eaves, and a two-story porch on the east side of the rear section. The Federal style door has a fanlight and sidelights. A discoloration of the brick on the front or southwest and southeast facade represent the removal of porches from these locations.

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SIGNIFICANCE:

This district is eligible under Criterion A for its association with the important iron industry in Huntingdon County. The two ironmasters mansions are eligible under Criterion C for their architectural significance. The resource is locally significant in Huntingdon County.

Development of the iron works at this location began in 1838 with the construction of a forge by Abraham Hatfield and a rolling mill by Samuel Hatfield. Located on the south side of the Frankstown Branch of the Juniata River, on a tract called Berwick, the works were known as Berwick Forge and Juniata Rolling Mill. In 1843, Samuel Hatfield bought the forge, and in 1845 added to the growing operation a puddling or run-out furnace for the production of blooms. Hatfield and his son, Samuel Jr., moved the iron works from the south to the north side of the river in the late 1840s, perhaps after suffering damage in the "Pumpkin Flood" of October 1847. Production figures for 1850 show the relocated operation employed 60 men and produced 1100 tons of blooms and 150 tons of bar and sheet iron, with a combined value of \$57,500.

The enterprise expanded further in its new location during the 1850s with the addition of grist, saw, and plaster mills. Employment rose by 1860 to 12 in the rolling mill and 78 at the forges and puddling furnace, and production for the year was recorded at 150 tons of bar iron, 200 tons of sheet iron, 350 tons of charcoal blooms, and 500 tons of puddling blooms. The total value of iron products was \$73,000, while products of the grist, saw and plaster mills added \$12,850 to the concern's gross income, with the employment of only four additional workers. The Juniata Iron Works name came into use during this peak period in the operation's history.

The rolling mill was destroyed by fire in 1869 and was not rebuilt, but production figures for 1870 suggest a more efficient forge operation had been effected, with a work force of only 45 men producing 480 tons of charcoal blooms and 600 tons of puddling blooms, valued at \$80,700. The business came to an end, however, with the 1875 closing of the Pennsylvania Canal, on which the Hatfields had depended for transporting their products. Porter Township tax assessments for 1876 indicate the works had

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been vacated, and Africa's History (1883) reported that the machinery had been dismantled and only a few of the workers' houses remained, along with the idled saw mill.

Only the grist mill continued to operate, eventually becoming known as Hellyer's Mill, the name by which it is still called. During the early 20th century, Hellyer's Mill produced power for the Alexandria-based Wilson Electric Company. The feed mill operation continued into the late 1950s.

The setting occupied by the Juniata Iron Works buildings, on a flat piece of ground between the river and the former canal bed (still identifiable as the recently abandoned bed of the Petersburg-Williamsburg Branch of the PRR), makes their dependence on a source of power and of transportation very clear.

The wealth generated by such an enterprise is conveyed by the two fine houses built by the Hatfields. The survival of even two of the once-numerous worker houses is most unusual in Huntingdon County. This is a fine example of an iron plantation in Huntingdon County.

The 1841 ironmasters mansion is an intact example of a vernacular/Federal style building in Huntingdon County. The 1867 ironmasters mansion is an intact example of a Georgian plan house with a Federal doorway and bracketed cornice. While more modest than the mansions associated with Pennsylvania Furnace or Colerain Forges, these residences are fine examples of ironmasters' mansions influenced by the Federal and Georgian styles.

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SOURCES:

Africa, J. Simpson. History of Huntingdon and Blair Counties, Pennsylvania (Philadelphia: Louis H. Everts, 1883), pp. 55-56, 425-26.

Alexandria Community Bi-Centennial (July, 1955), p. 5 (unnumbered).

Atlas of Blair and Huntingdon Counties, Pennsylvania. (Philadelphia: A. Pomeroy & Co., 1873), pp. 132-33.

Harshbarger, Jean P., et al. Hartslog Heritage (State College: Alexandria Bicentennial Association, 1975), pp. 43-44, 57.

Huntingdon County, Pennsylvania: An Inventory of Historic Engineering and Industrial Sites, Historic American Building Survey/Historic American Engineering Record, National Park Service (unpublished, 1988).

Huntingdon County Records. Porter Township Tax Assessments, 1834-1876. [Huntingdon County Historical Society]

The Monitor (Huntingdon, Pa., March 22, 1907), p. 1.

Shedd, Nancy S. HAER consultant 1988, President Huntingdon County Historical Society, interviews 1988-1989.

U.S. Census. Products of Industry, 1850, 1860, 1870. [Microfilm, Pennsylvania State University Library]

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VERBAL BOUNDARY DESCRIPTION:

The boundary starts at a point on the northwest side of Route 885, 1.5 miles southeast of Alexandria where a private lane extends southwest from the Route. The boundary follows the north west side of the lane in a southwesterly direction for approximately 1000 feet to a point 100 feet north of the north corner of the store/post office (currently the Bed and Breakfast) where it turns southeast for about 200 feet then southwest for about 200 feet to the northern edge of the raceway. At that point the boundary turns and follows the northern edge of the raceway to the western edge of the grist mill where it turns northeast and continues curving to the east for approximately 2000 feet, running about 100 feet parallel to the private lane and crossing both the Penn Central tracks and Route 885, to a point about 100 feet north of the north corner of the second ironmaster's house. From there the boundary turns southeast for approximately 200 feet, then turns southwest extending to the northeast side of a second private lane about 400 feet. The boundary then follows the northeast side of the lane heading northwest to a point directly across from and in line with the northwest side of Route 305. The boundary then crosses Route 305; following the northwest side of Route 305 to the point of origin.

BOUNDARY JUSTIFICATION:

The boundary runs along the northern edge of the mill race behind and including the ironmasters mansion, the store/post office and gristmill then turns to include the two workers houses. At the far northern end of the district the boundary includes the second ironmanster's mansion. Only those buildings and structures associated with the iron production site are included in the nomination. The boundaries exclude a field to the southeast of the private lane where Africa's History places the industrial structures. Africa also identifies the site of the earlier ironworks to be just south of the millrace and the Frankstown Branch of the Juniata River outside of the district boundaries. There has been no archaeological investigation to verify the existance or the integrity of these. The boundaries exclude vacant land to the northwest and north of the district.

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**National Register of Historic Places
Continuation Sheet**

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This nomination contains material taken directly from the unpublished report prepared in 1988 for the Historic American Engineering Record (see Bibliographical References).

The author of that report, Nancy Shedd, is a major contributor to the text of this nomination although not the preparer.

JUNIATA IRONWORKS HISTORIC DISTRICT

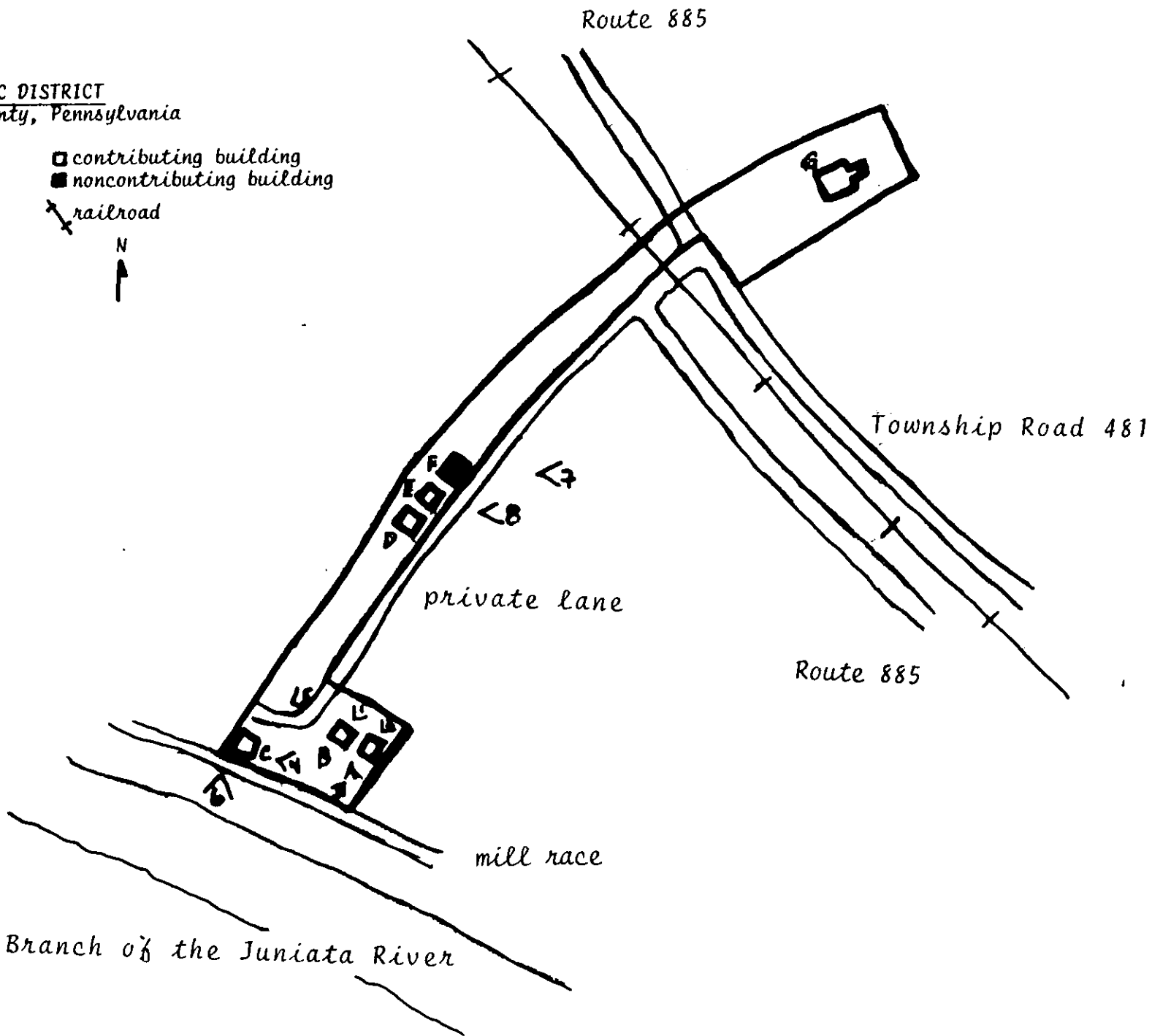
Porter Township, Huntingdon County, Pennsylvania

- A - first ironmasters mansion
- B - store/postoffice
- C - mill
- D/E - workers' houses
- F - residence
- G - second ironmasters' mansion

- contributing building
- noncontributing building

↘ railroad

N



HOLLIDAYSBURG 18 MI
WATER STREET 8 MI.

5365 II SW
(SPRUCE CREEK)

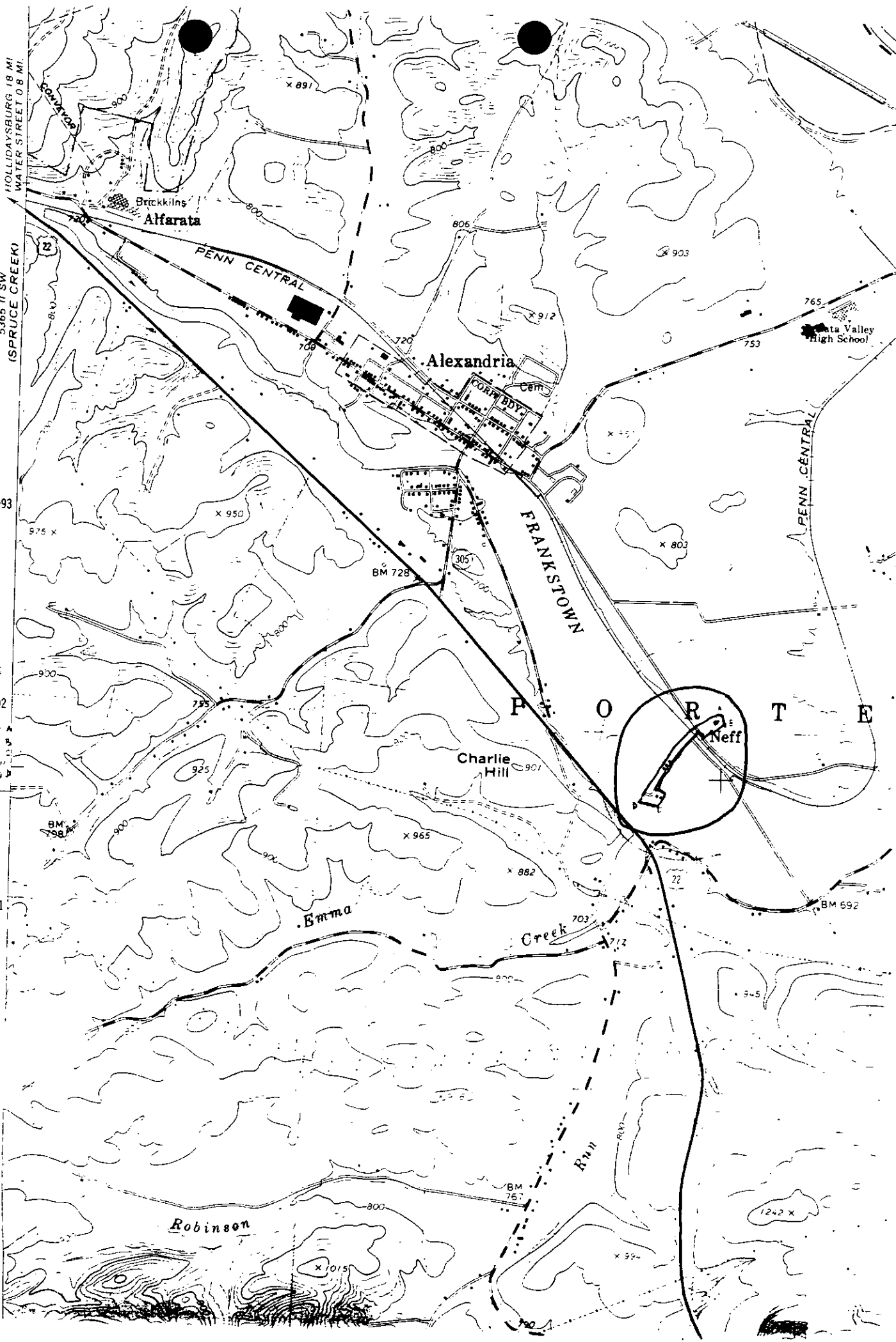
4493

JUNATA MAP WORKS
P.O. BOX 100
STATE COLLEGE, PA 16804
PHONE 325-1111
C. 100000 N 44° 20' 30" W
E. 100000 4002635 B
4402118
32° 30'
4402120

4491

4490

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765
Data Valley High School

Alexandria

PENN CENTRAL

FRANKSTOWN

PENN CENTRAL

P O R T E

Neff

Charlie Hill

Emma

Creek

Run

Robinson