



DELAWARE DIVISION OF HISTORICAL AND CULTURAL AFFAIRS  
 STATE HISTORIC PRESERVATION OFFICE  
 21 THE GREEN, DOVER, DE 19901

CRS # S00213/00436  
 SPO Map 08-09-10  
 Hundred Seaford  
 Quad Seaford East  
 Other 3310030000840

CULTURAL RESOURCE SURVEY  
 PROPERTY IDENTIFICATION FORM

1. HISTORIC NAME/FUNCTION: Hearn & Rawlins Mill
2. ADDRESS/LOCATION: North of Seaford/west of 13A and Road 544 interseciton
3. TOWN/NEAREST NAMED PLACE: Seaford vicinity?
4. MAIN TYPE OF RESOURCE:
 

building	<input checked="" type="checkbox"/>	structure	<input type="checkbox"/>	site	<input type="checkbox"/>	object	<input type="checkbox"/>
landscape	<input type="checkbox"/>	district	<input type="checkbox"/>				
5. MAIN FUNCTION OF PROPERTY: water powered grist mill
6. PROJECT TITLE/ REASON FOR SURVEY (if applicable):  
T201207603, Hearn's Pond Dam Improvement - joint DNREC and DeIDOT project

7. ADDITIONAL FORMS USED:

#:	Form:	List property types:
1	CRS 2 Main Building Form	Mill building
4	CRS 3 Secondary Building Form	owner residence, storage buiding; barn storage shed;
	CRS 4 Archaeological Site Form	garage/machine shed
	CRS 5 Structure (Building-Like) Form	
	CRS 6 Structure (Land Feature) Form	
	CRS 7 Object Form	
	CRS 8 Landscape Elements Form	
1	CRS 9 Map Form	N/A
1	CRS 13 Photographs Form	N/A
	CRS 14 Proposed District Form	
1	CRS 15 Structure (Bridge) Form	

8. SURVEYOR INFORMATION:

Surveyor name: Nathaniel Delesline, Architectural Historian, DeIDOT

Principal Investigator name: Michael Hahn, Architectural Historian, AICP, DeIDOT

Organization: Delaware Department of Transportation Date: 3/11/2014

9. OTHER NOTES OR OBSERVATIONS:

CRS# S00213/00436

Hearn & Rawlins Mill (a watered powered mill) for processing grains into flour and feed was built on the present mill site in 1885, replacing the earlier Ross & Cannon Grist Mill which had been constructed in 1816. The Ross & Cannon mill burned in 1879 and only the mill stones survived. The mill was rebuilt in 1885 by Marcellus Hearn, who had previously been a ship owner operating from Seaford, DE. Hearn died in 1916 and the operation passed on to his son George Hearn and his daughter Mary Rawlings.

At present the Hearn & Rawlings Mill complex consists of a larger mill building, three storage structures, and Marcellus Hearn House, occupied by the owners and operators of the mill. The miller house (S06139) has been removed. In addition to the remaining standing structures, the complex includes Bridge 200H-1 (concrete spillway culvert), a sluice pipe (48' concrete encased), and sections of the earthen dam that can be deemed essential to operating a mill. Four outside storage units lie outside the property vicinity.

At the time of this survey, the sections of the earthen dam, spillway culvert, and mill building sections had been altered, washed away, damaged, or reconstructed to repair damage cause by storms in 2001 and 2006. An additional auxiliary overflow and boat ramp had also been added to the earthen dam in 2012. The same storms washed away a section of the water wheel house, which housed sections of the milling apparatus and water powered wheels, the pipe sluice (which was reset), and tail race. The mill building hosts an attached office/storage building on the south end and large rear addition resting on concrete block piles. The complex includes the barn/stable (.003) and granary/vehicle shed (.004). Additional research has established that the Marcellus Hearn House (S06138/S00213.005) was built at the time of the mill reconstruction and was home to the owners and operators of mill throughout the late 19<sup>th</sup> and 20<sup>th</sup> centuries. The mill as an operation is no longer functioning and without reproductions and replacements, it is likely beyond repair to operate as a working mill.

10. STATE HISTORIC CONTEXT FRAMEWORK (check all appropriate boxes; refer to state management plan(s)):

- a) Time period(s)
  - Pre-European Contact
  - Paleo-Indian
  - Archaic
  - Woodland I
  - Woodland II
  - 1600-1750± Contact Period (Native American)
  - 1630-1730± Exploration and Frontier Settlement
  - 1730-1770± Intensified and Durable Occupation
  - 1770-1830± Early Industrialization
  - 1830-1880± Industrialization and Early Urbanization
  - 1880-1940± Urbanization and Early Suburbanization
  - 1940-1960± Suburbanization and Early Ex-urbanization

- b) Geographical zone
  - Piedmont
  - Upper Peninsula
  - Lower Peninsula/Cypress Swamp
  - Coastal
  - Urban (City of Wilmington)

- c) Historic period theme(s)
 

<input type="checkbox"/> Agriculture	<input type="checkbox"/> Transportation and Communication
<input type="checkbox"/> Forestry	<input type="checkbox"/> Settlement Patterns and Demographic Changes
<input type="checkbox"/> Trapping/Hunting	<input checked="" type="checkbox"/> Architecture, Engineering and Decorative Arts
<input type="checkbox"/> Mining/Quarrying	<input type="checkbox"/> Government
<input type="checkbox"/> Fishing/Oystering	<input type="checkbox"/> Religion
<input checked="" type="checkbox"/> Manufacturing	<input type="checkbox"/> Education
<input type="checkbox"/> Retailing/Wholesaling	<input type="checkbox"/> Community Organizations
<input type="checkbox"/> Finance	<input type="checkbox"/> Occupational Organizations
<input type="checkbox"/> Professional Services	<input type="checkbox"/> Major Families, Individuals and Events



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CULTURAL RESOURCE SURVEY  
MAIN BUILDING FORM

CRS # S00213/00436

1. ADDRESS/LOCATION: North of Seaford and west of 13A
2. FUNCTION(S): historic Mill (.001) current Mill
3. YEAR BUILT: 1883 CIRCA?:  ARCHITECT/BUILDER: Marcellus Hearn
4. STYLE OR FLOOR PLAN: irregular
5. INTEGRITY: original site  moved   
if moved, from where N/A other location's CRS # year

list major alterations and additions with years (if known)

year

a. In 1912 two metal overshot wheels and a new dam were installed. The Monarch Mill was re-set on three pairs of steel rollers (circa 1930) with electric motor(s) added in a time series for backup power and regular use. Foundation replacements (at rear circa 2001). Most windows boarded.

b.

6. CURRENT CONDITION: excellent  good  fair  poor
7. DESCRIPTION: (Describe the resource as completely as possible. Use N/A for not applicable; leave no blanks.)
- a. Overall shape: irregular Stories: 2 with 1/2 addition attached to top roof.  
Additions: storage office; weight scale
- b. Structural system (if known): wood/ heavy timber frame
- c. Foundation: materials: concrete blocks; stone  
basement: full  partial  not visible  no basement
- d. Exterior walls (original if visible & any subsequent coverings): wood, metal covering
- e. Roof: shape: side gable  
materials: metal  
cornice: none  
dormers: none  
chimney: location(s): none

8. DESCRIPTION OF ELEVATIONS:

a. Facade: Direction: W

- 1) Bays 5  
2) Windows 4, three of the windows are covered with plywood.  
fenestration irregular  
type 6/6  
trim wood

shutters none

**Facade (cont'd)**

- 3) **Door(s)** 1  
     **location** north / center end of facade  
     **type** double, upper portion covered with plywood  
     **trim** wood
- 4) **Porch(es)** pent like or shed roof pitch overhang

**b. Side: Direction: N**

- 1) **Bays** 3
- 2) **Windows** 3  
     **fenestration** irregular  
     **type** 6/6  
     **trim** wood  
     **shutters** none
- 3) **Door(s)** none  
     **location** N/A  
     **type** N/A  
     **trim** N/A
- 4) **Porch(es)** none

**c. Side: Direction: S**

- 1) **Bays** 5
- 2) **Windows** 2  
     **fenestration** irregular  
     **type** wood  
     **trim** wood  
     **shutters** none
- 3) **Door(s)** 3  
     **location** irregular  
     **type** wood  
     **trim** wood
- 4) **Porch(es)** Front gable

**d. Rear: Direction: E**

- 1) **Bays** 7
- 2) **Windows** 6  
     **fenestration** irregular  
     **type** 6/6  
     **trim** wood  
     **shutters** none
- 3) **Door(s)** 1  
     **location** center of original structure  
     **type** wood  
     **trim** wood
- 4) **Porch(es)** shed roof overhang

9. **INTERIOR:** wood frame; most of the milling equipment seems evident but not in working order.

10. **LANDSCAPING:** The area around the property is mostly cleared or is part of a water pond. The structures are scattered along the banks of the pond. Small trees and tall grasses cover most of the land. There is a separate clam shell driveway and egress path to a truck scale.



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CULTURAL RESOURCE SURVEY  
SECONDARY BUILDING FORM

CRS # S00213/00436

1. ADDRESS/LOCATION: Hearn & Rawlins Mill

2. FUNCTION(S): historic warehouse (.002) current warehouse/vacant

3. YEAR BUILT: 1912 CIRCA?:  ARCHITECT/BUILDER: unknown

4. STYLE/FLOOR PLAN: rectangular

5. INTEGRITY: original site  moved

if moved, from where original location's CRS # year  
N/A

list major alterations and additions with years (if known) year  
a. metal sidings; foundation resting on concrete or new brick piles; floorboards ??  
b.

6. CURRENT CONDITION: excellent  good  fair  poor

7. DESCRIPTION:

a. Structural system wood frame

b. Number of stories one

c. Wall coverings metal

d. Foundation concrete blocks

e. Roof  
structural system wood  
coverings metal  
openings none

8. DESCRIPTION OF ELEVATIONS:

a. Facade: direction: W

- 1) bays: 5
- 2) windows: 2
- 3) door(s): 3
- 4) other: none

**b. Side: direction: E**

- 1) bays: 2
- 2) windows: 2
- 3) door(s): none
- 4) other:

**c. Side: direction: N**

- 1) bays: 1
- 2) windows: 1
- 3) door(s): none
- 4) other: N/A

**d. Rear: direction: S**

- 1) bays: 1
- 2) windows: 1
- 3) door(s): none
- 4) other: N/A

**9. INTERIOR (if accessible):**

a) Floor plan            unknown

b) Partition/walls        unknown

c) Finishes            unknown

d) Furnishings/machinery    unknown



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CULTURAL RESOURCE SURVEY  
SECONDARY BUILDING FORM

CRS # S00213/00436

1. ADDRESS/LOCATION: Hearn & Rawlins Mill

2. FUNCTION(S): historic barn/stable (.003) current storage

3. YEAR BUILT: 1880 CIRCA?:  ARCHITECT/BUILDER: unknown

4. STYLE/FLOOR PLAN: rectangular

5. INTEGRITY: original site  moved   
if moved, from where original location's CRS # year  
N/A

list major alterations and additions with years (if known) year  
a. shed roof additions ca. 1940  
b.

6. CURRENT CONDITION: excellent  good  fair  poor

7. DESCRIPTION:

a. Structural system wood/rusticated concrete block frame

b. Number of stories one

c. Wall coverings wood/concrete block

d. Foundation brick

e. Roof  
structural system wood  
coverings metal  
openings none

8. DESCRIPTION OF ELEVATIONS:

a. Facade: direction: E

1) bays: 3

2) windows: none

3) door(s): 3

4) other: door in gable

- b. **Side: direction: N**
  - 1) **bays:** 1
  - 2) **windows:** 1
  
  - 3) **door(s):** none
  
  - 4) **other:** window is boarded up

- c. **Side: direction: S**
  - 1) **bays:** not visible
  - 2) **windows:** not visible
  
  - 3) **door(s):** not visible
  
  - 4) **other:** N/A

- d. **Rear: direction: W**
  - 1) **bays:** not visible
  - 2) **windows:** not visible
  
  - 3) **door(s):** N/A
  
  - 4) **other:** N/A

9. **INTERIOR (if accessible):**

a) **Floor plan**                      **unknown**

b) **Partition/walls**                **unknown**

c) **Finishes**                        **unknown**

d) **Furnishings/machinery**        **unknown**



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CULTURAL RESOURCE SURVEY  
SECONDARY BUILDING FORM

CRS # S00213/00436

1. ADDRESS/LOCATION: Hearn & Rawlins Mill

2. FUNCTION(S): historic granary/vehicle shed (.004) current storage/garage - vacant

3. YEAR BUILT: 1910 CIRCA?:  ARCHITECT/BUILDER: unknown

4. STYLE/FLOOR PLAN: rectangular

5. INTEGRITY: original site  moved

if moved, from where original location's CRS # year  
N/A

list major alterations and additions with years (if known)

	<u>year</u>
a. Thee bay lift garage doors	ca. 1975
b. wall replacement	ca. 1960

6. CURRENT CONDITION: excellent  good  fair  poor

7. DESCRIPTION:

a. Structural system wood frame

b. Number of stories one

c. Wall coverings wood

d. Foundation not visible

e. Roof  
structural system wood  
coverings metal  
openings none

8. DESCRIPTION OF ELEVATIONS:

a. Facade: direction: E

1) bays: 3

2) windows: 1

3) door(s): 2

4) other: door in gable

- b. **Side: direction: N**
  - 1) **bays:** not visible1
  - 2) **windows:** N/A
  
  - 3) **door(s):** N/A
  - 4) **other:** N/A

- c. **Side: direction: S**
  - 1) **bays:** not visible
  - 2) **windows:** not visible
  
  - 3) **door(s):** not visible
  - 4) **other:** N/A

- d. **Rear: direction: W**
  - 1) **bays:** not visible
  - 2) **windows:** not visible
  
  - 3) **door(s):** N/A
  - 4) **other:** N/A

9. **INTERIOR (if accessible):**

a) **Floor plan**                      **unknown**

b) **Partition/walls**                **unknown**

c) **Finishes**                        **unknown**

d) **Furnishings/machinery**        **unknown**



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CULTURAL RESOURCE SURVEY  
SECONDARY BUILDING FORM

CRS # S00213/00436

1. ADDRESS/LOCATION: Hearn & Rawlins Mill

2. FUNCTION(S): historic residence (.005) current residence

3. YEAR BUILT: 1883 CIRCA?:  ARCHITECT/BUILDER: Marcellus Hearn

4. STYLE/FLOOR PLAN: rectangular

5. INTEGRITY: original site  moved

if moved, from where original location's CRS # year  
N/A

list major alterations and additions with years (if known)

	<u>year</u>
a. porch addition	unknown ca. 1960
b. front porch enclosure; façade bay extension; enclosed side porch; 1-story rear attachment	

6. CURRENT CONDITION: excellent  good  fair  poor

7. DESCRIPTION:

a. Structural system wood frame

b. Number of stories two-and-a-half

c. Wall coverings wood

d. Foundation brick

e. Roof  
structural system wood  
coverings asphalt  
openings none

8. DESCRIPTION OF ELEVATIONS:

a. Facade: direction: E

1) bays: 3

2) windows: 1-over-1, paired 1-over-1, and 2-over-2

3) door(s): 1

4) other: bay window

- b. **Side: direction: N**
  - 1) **bays:** not visible
  - 2) **windows:** 2-over-2, 1-over-1
  
  - 3) **door(s):** screen door
  
  - 4) **other:** full-width porch
  
- c. **Side: direction: S**
  - 1) **bays:** 4
  - 2) **windows:** 1-over-1, 2-over-2
  
  - 3) **door(s):** wood paneled 9 light
  
  - 4) **other:** N/A
  
- d. **Rear: direction: W**
  - 1) **bays:** 3
  - 2) **windows:** 4-over-4, 2-over-2 and 1-over-1
  
  - 3) **door(s):** N/A
  
  - 4) **other:** N/A

9. **INTERIOR (if accessible):**

- a) **Floor plan**                      **unknown**
  
  
  
  
  
  
  
  
  
  
- b) **Partition/walls**                **unknown**
  
  
  
  
  
  
  
  
  
  
- c) **Finishes**                        **unknown**
  
  
  
  
  
  
  
  
  
  
- d) **Furnishings/machinery**        **unknown**



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CULTURAL RESOURCE SURVEY  
MAP FORM

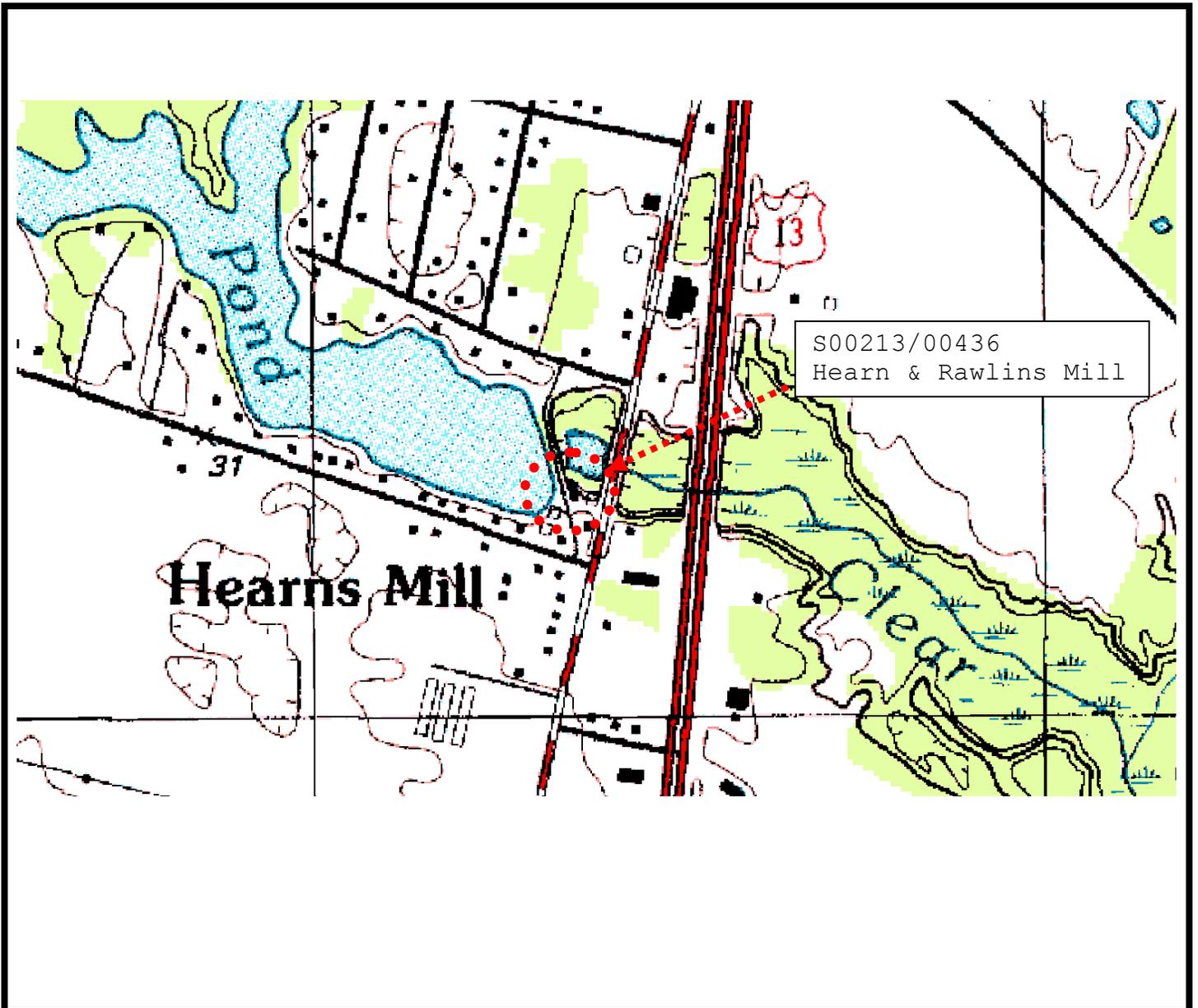
CRS # S00213/00436

1. ADDRESS/LOCATION: Hearns Pond Dam, located north of Seaford, Sussex County

2. NOT FOR PUBLICATION  reason: \_\_\_\_\_

3. LOCATION MAP:  
Indicate position of resource in relation to geographical landmarks such as streams and crossroads.  
(insert section of USGS quad map or aerial photograph with location marked)

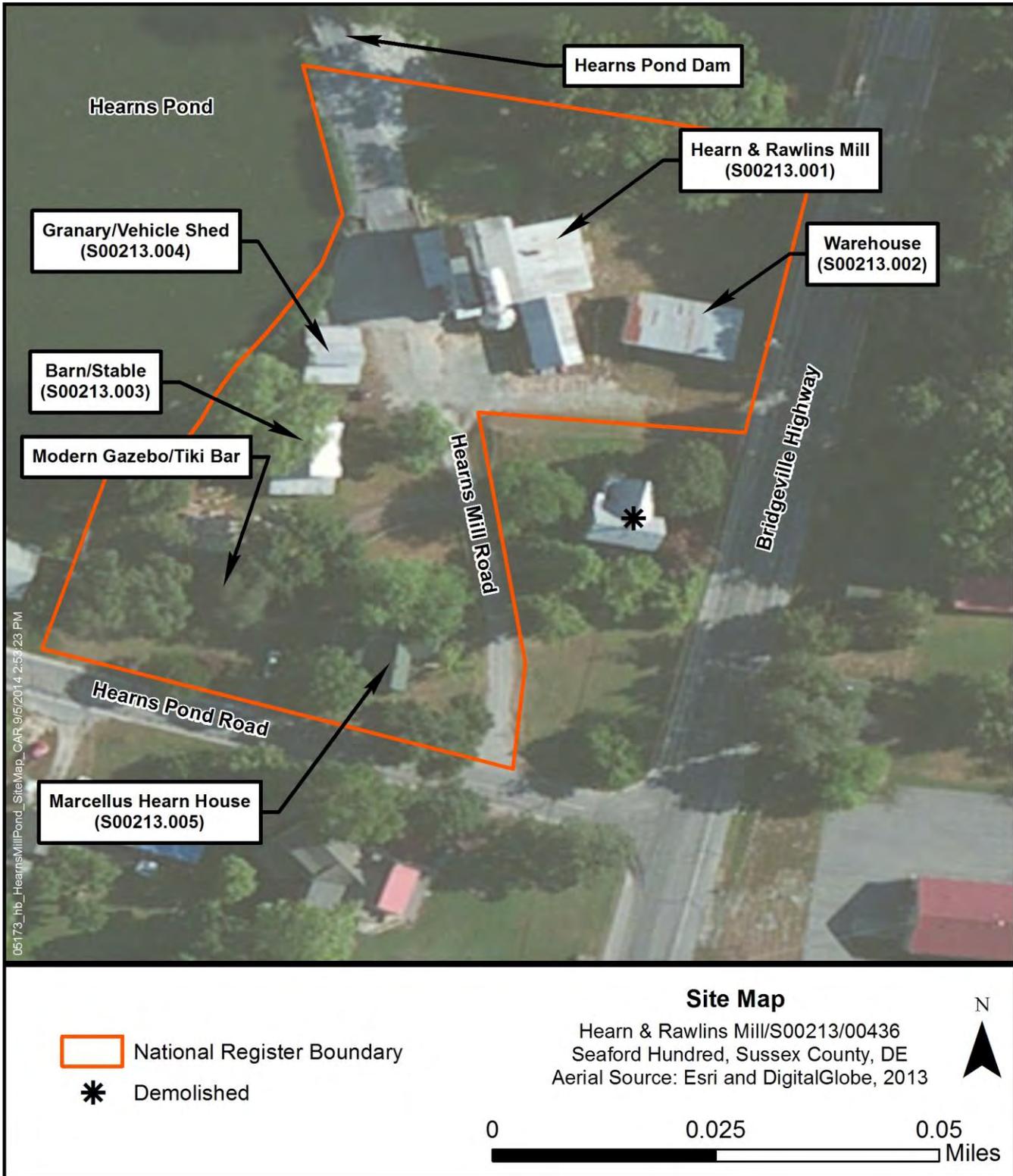
INDICATE NORTH ON SKETCH



4. SITE PLAN:

(insert aerial photograph or map showing relationship of buildings, driveway, outbuildings, fences, etc., to each other; label elements as needed; add other pages as needed)

INDICATE NORTH ON PLAN





CULTURAL RESOURCE SURVEY  
DIGITAL PHOTOGRAPHS FORM

CRS # S00213/00436

Date 10/21/13 Surveyor/Photographer Michael Hahn; DNREC (unknown) if noted

Insert photographs; note file name and brief description of view:  
(size photograph 3" on longest side; MAINTAIN ASPECT RATIO – DO NOT STRETCH PHOTO)

1: looking south: notice rusted ghost section



2: looking north: note office attachment



3: looking south at missing wheel section and sluice



4: looking south at washout area





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CULTURAL RESOURCE SURVEY  
DIGITAL PHOTOGRAPHS FORM

CRS # S00213/00436

Date 10/21/13 Surveyor/Photographer Michael Hahn; DNREC (unknown) if noted

5. east side façade



6. façade/entrance and sluice with undermining

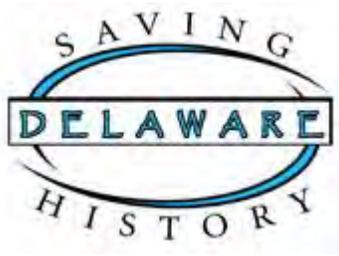


7. rear of building facing west



8. south end of building and detail of office/sales





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CULTURAL RESOURCE SURVEY  
DIGITAL PHOTOGRAPHS FORM

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Date 10/21/13 Surveyor/Photographer Michael Hahn; DNREC (unknown) if noted

9. scale and front of office and .002 in background



10. facade of office/sales



11. sheathing layers and modern block for piles



12. detail on rear block piles and floorboards





CULTURAL RESOURCE SURVEY  
DIGITAL PHOTOGRAPHS FORM

CRS # S00213/00436

Date 10/21/13 Surveyor/Photographer Michael Hahn; DNREC (unknown) if noted

13. on ground floor (gears and belts evident)



14. secondary storage area (.002) facade



15. secondary buld (.002) west side on modern piles



16. abandoned piles in ruins





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17. barn storage shed (.003) west façade



18. storage and garage sheds (.003 and .004)



19. .004 garage storage shed façade west



20. north side of .004 with waterway entrance sluice





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DIGITAL PHOTOGRAPHS FORM

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Photographs 21 thru 27 were provided by DNREC Fish and Wildlife

21. 2001 damage looking north – note corn crib



22. 2001 dam/road damage looking south



23. 2001 spillway damage blowout



24. 2006 spillway damage (again) from culvert view





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25. 2006 floods – damaged building



26. repair from 2006 storm (DNREC hosts many pics)



27. section of spillway reconstructed for auxiliary outflow and boat ramp (Aug 2012)

