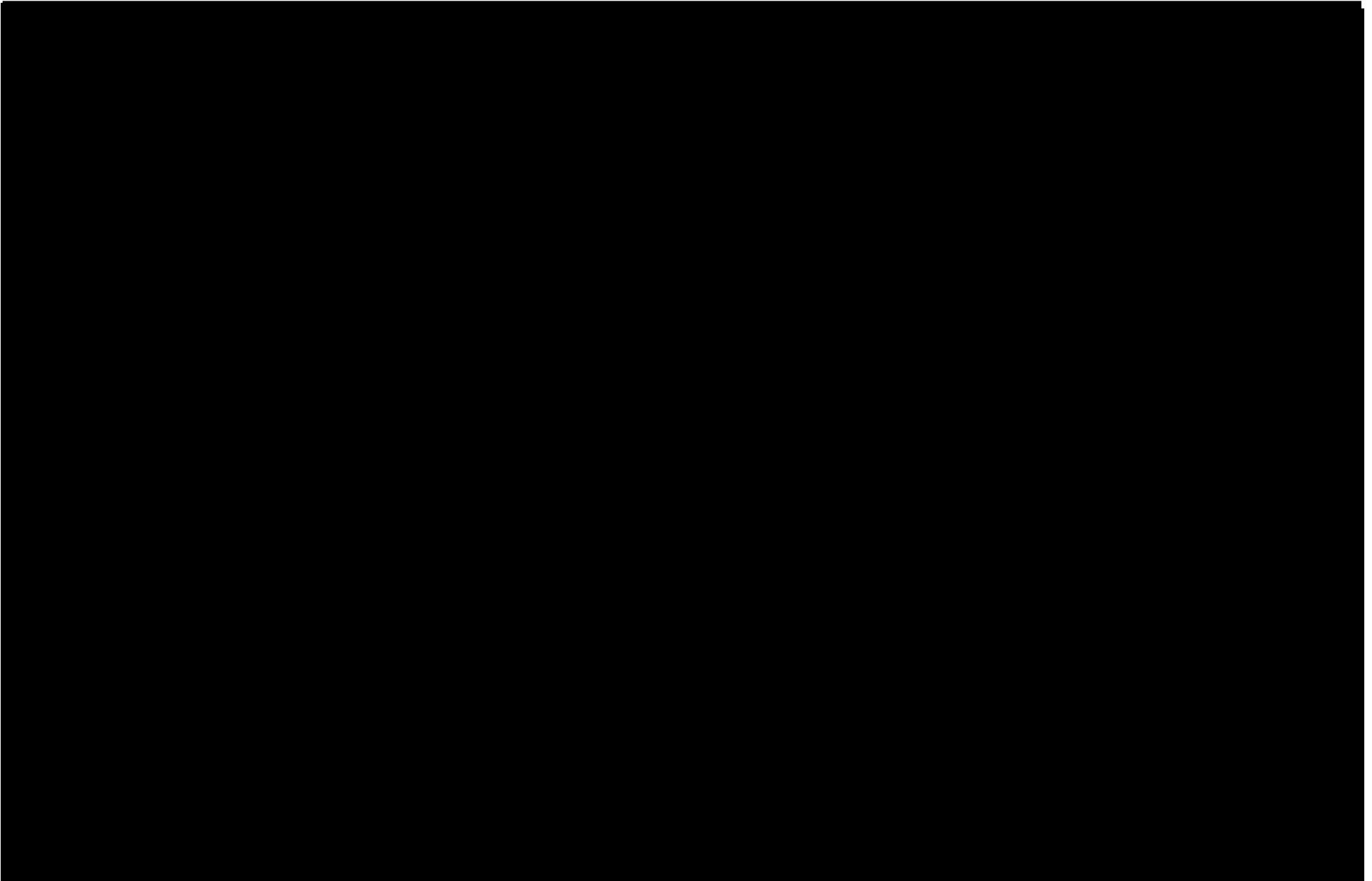


**Figure 35. Oblique aerial photograph of the north portion of IAAAP Line 1 (29-03770). View to the north-northeast (4/5/13), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**



**Figure 36. Oblique aerial photograph of the south portion of IAAAP Line 1 (29-03770). View to the north-northeast (4/5/13), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**



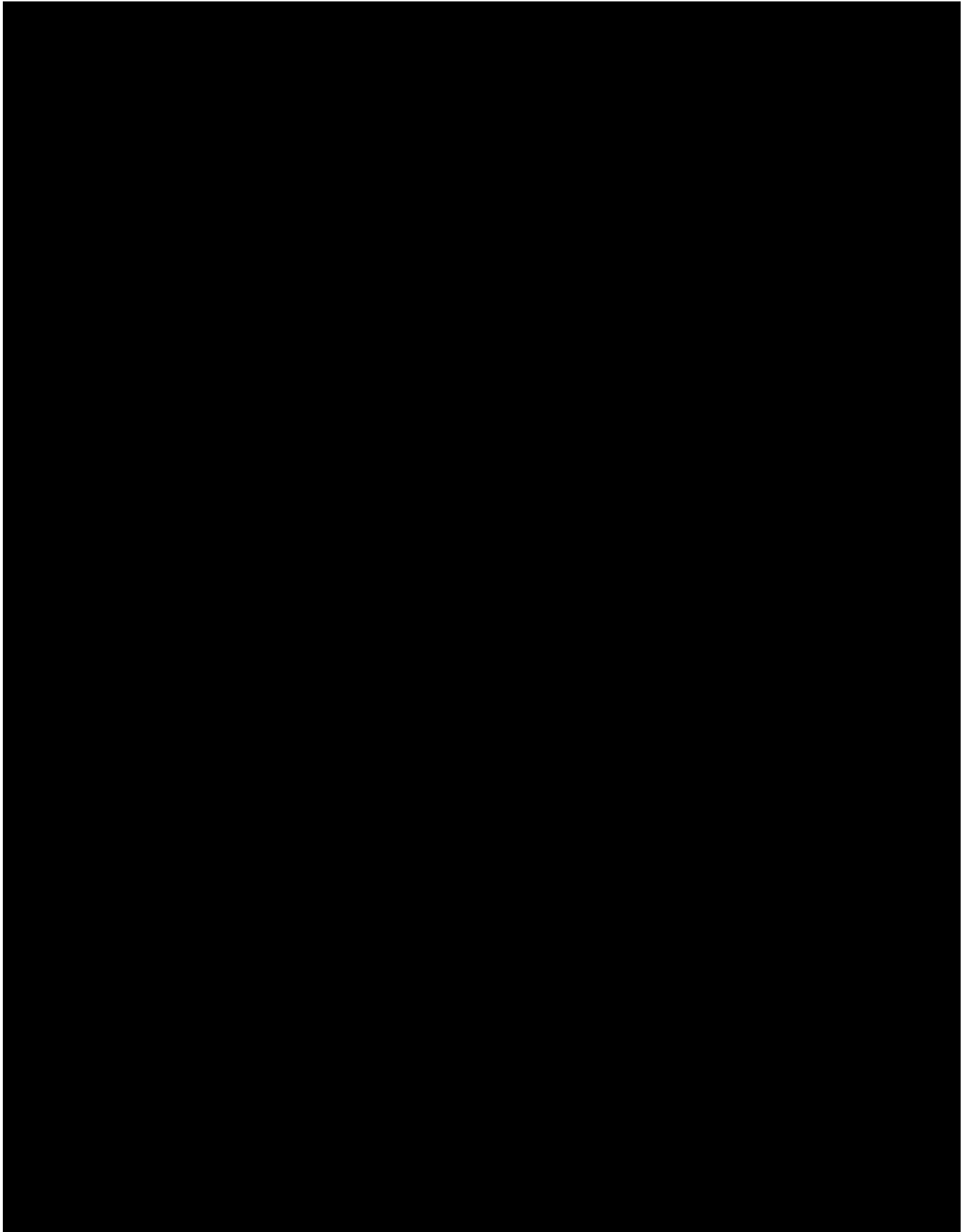
**Figure 37. Photograph of the north portion of IAAAP Line 1 (29-03770).  
View to the southeast (3/19/15).**



**Figure 38. Photograph of buildings in the east portion of IAAAP Line 1 (29-03770). View to the west-southwest (3/17/15).**



**Figure 39. Photograph of buildings in the east portion of IAAAP Line 1 (29-03770). View to the west (3/17/15).**



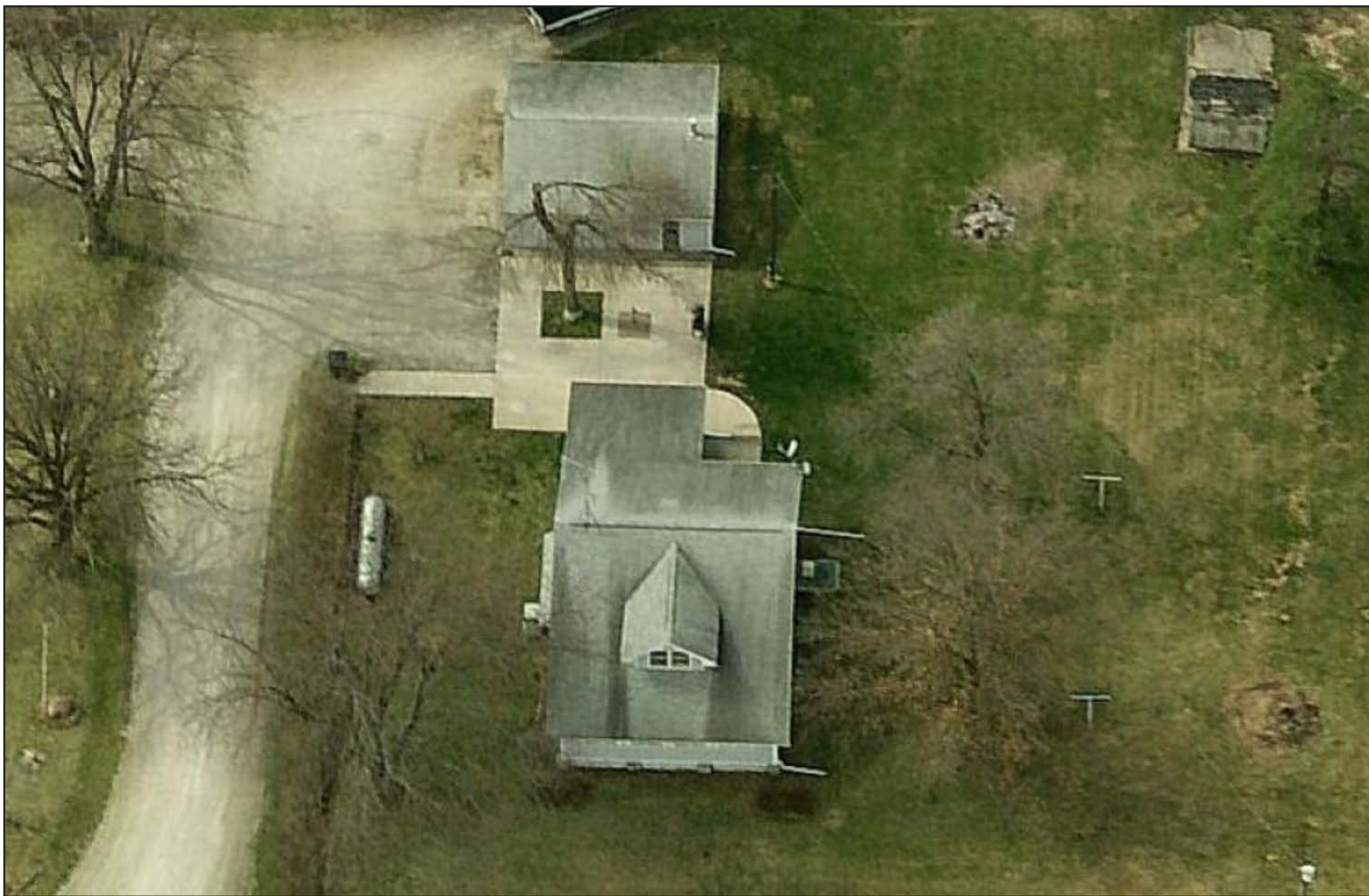
**Figure 40. Modern aerial photograph of the IAAAP Line 1 facility (29-03770).**





**Figure 41. Oblique aerial photograph of the R. Gray farmstead (29-03771) and house (29-03772). View to the north-northeast (3/15/12), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**





**Figure 42. Oblique aerial photograph of the R. Gray house (29-03772). View to the west (3/15/12), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**

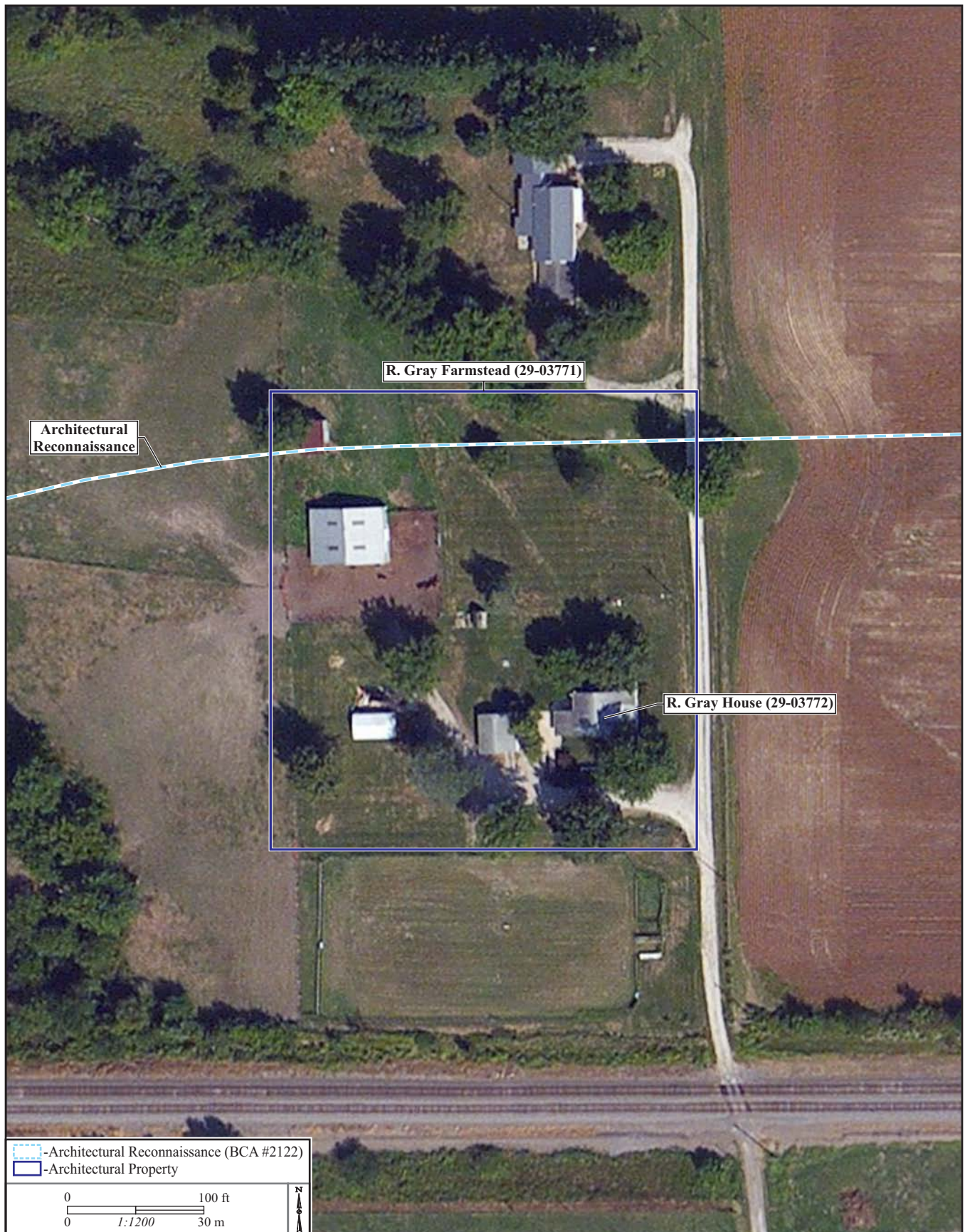


**Figure 43. Photograph of the R. Gray house (29-03772). View to the north (3/17/15).**



**Figure 44. Photograph of the R. Gray house (29-03772). View to the west, photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**



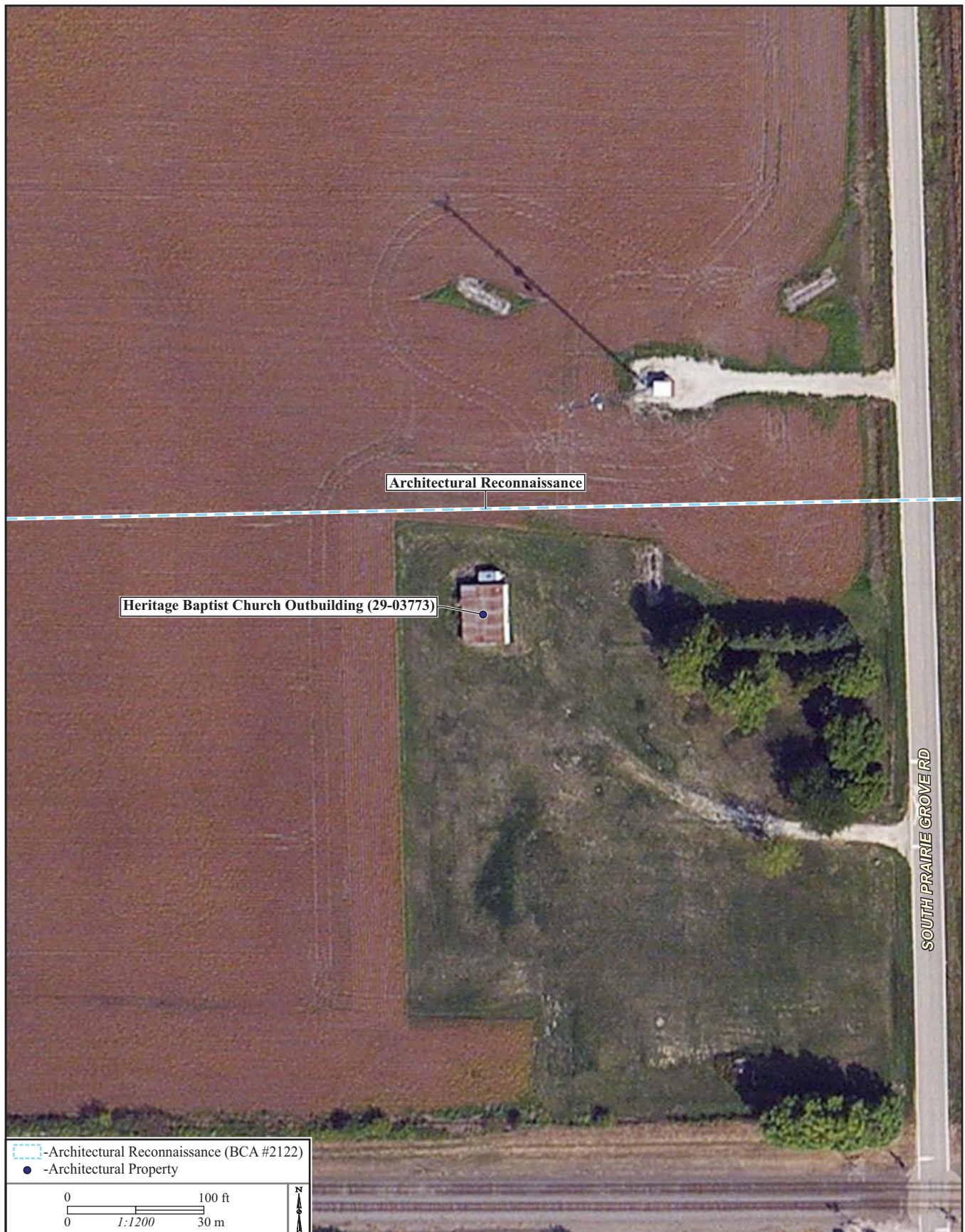


**Figure 45. Modern aerial photograph of the R. Gray farmstead (29-03771) and house (29-03772).**



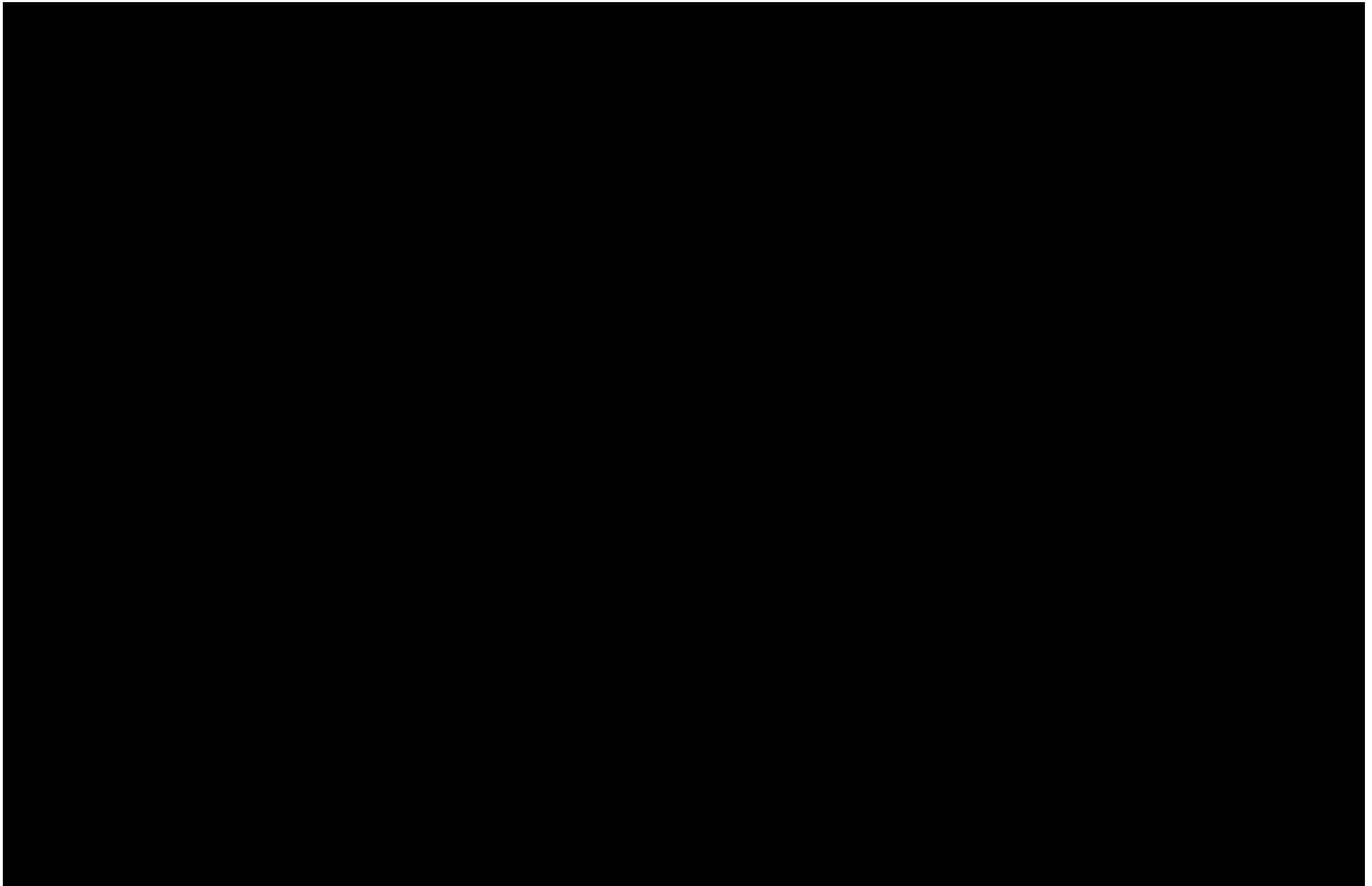
**Figure 46. Photograph of the Heritage Baptist Church outbuilding (29-03773). View to the northwest (3/17/15).**



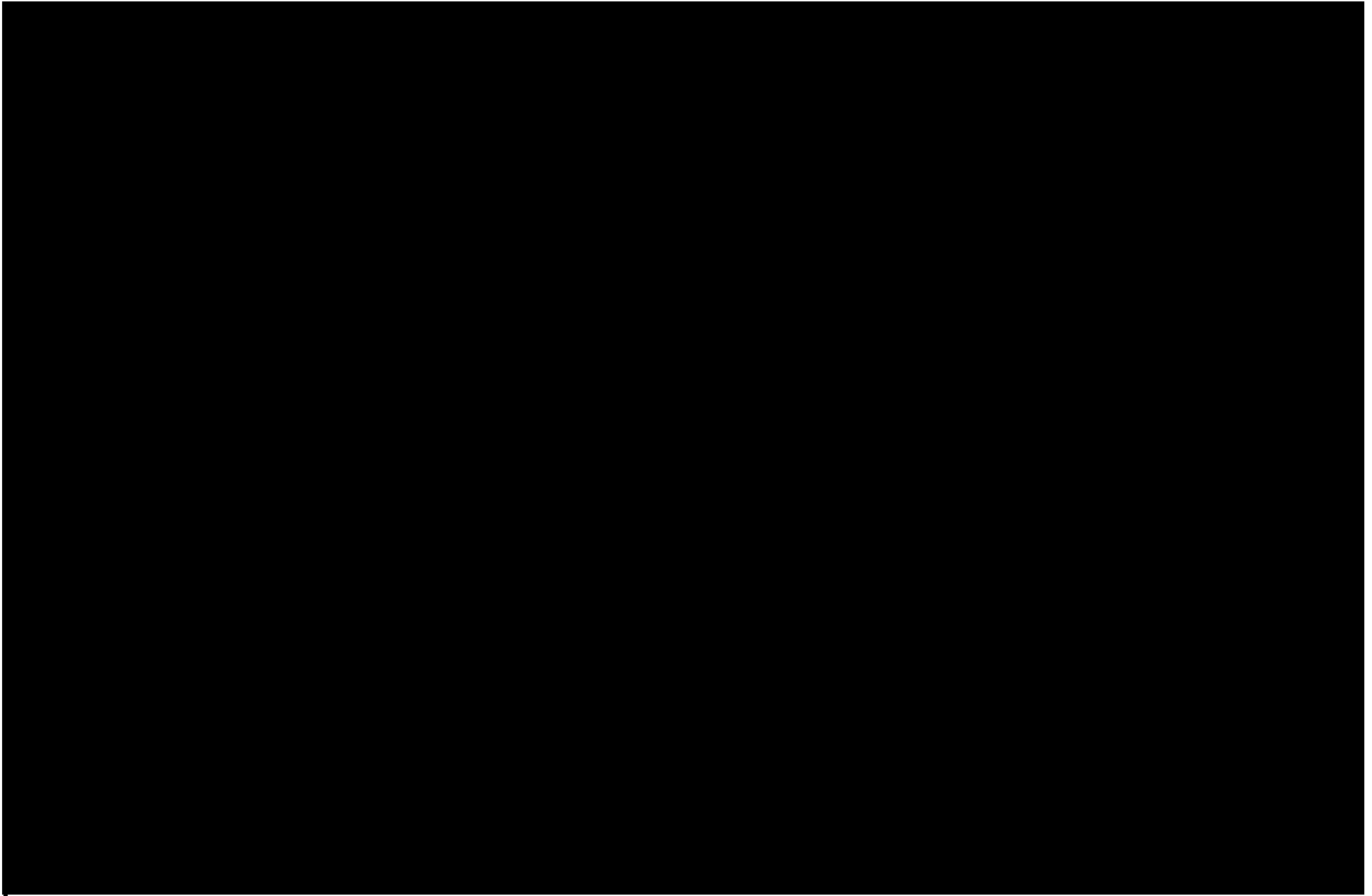


**Figure 47. Modern aerial photograph of the Heritage Baptist Church outbuilding (29-03773).**





**Figure 48. Oblique aerial photograph of the Nelson elevator (29-03774). View to the west (3/15/12), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**



**Figure 49. Oblique aerial photograph of the Nelson elevator (29-03774). View to the north (4/9/13), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**



**Figure 50. Photograph of the north portion of the Nelson elevator (29-03774). View to the east (3/17/15).**



**Figure 51. Photograph of the south portion of the Nelson elevator (29-03774). View to the east (3/17/15).**





**Figure 52. Photograph of the concrete block utility building at the Nelson elevator (29-03774). View to the northeast (3/17/15).**



**Figure 53. Modern aerial photograph of the Nelson elevator (29-03774).**

APPENDIX A  
National Archaeological Database



Database Doc Number: \_\_\_\_\_

NATIONAL ARCHAEOLOGICAL DATABASE – REPORTS; DATA ENTRY FORM

1. R and C #: \_\_\_\_\_  
2. Authors: Blikre, Lowell  
\_\_\_\_\_

Year of Publication 2015

3. Title Intensive Phase I Cultural Resources Survey, Geomorphological Assessment, and Architectural and Historical Reconnaissance Survey for the Proposed Expansion of Yard L, Iowa Army Ammunition Plant, Flint River Township, Des Moines County, Iowa  
\_\_\_\_\_

3. Report Title: BCA Reports  
\_\_\_\_\_  
\_\_\_\_\_  
Volume #: \_\_\_\_\_ Report #: BCA #2122 NTIS: \_\_\_\_\_  
Publisher: Bear Creek Archeology, Inc.  
Place: Cresco, Iowa  
\_\_\_\_\_

5. Unpublished  
Sent From: \_\_\_\_\_  
Sent To: \_\_\_\_\_  
Contract #: \_\_\_\_\_

6. Federal Agency: \_\_\_\_\_  
\_\_\_\_\_

7. State: Iowa \_\_\_\_\_  
County: Des Moines \_\_\_\_\_  
Town: \_\_\_\_\_

8. Work Type: 31  
9. Keyword: 0 - Types of Resources / Features 1 - Generic terms / Research Questions  
2 - Taxonomic Names 3 - Artifact Types / Material Classes  
4 - Geographic Names / Locations 5 - Time Periods  
6 - Project Names / Study Unit 7 - Other Key Words  
Southern Iowa Drift Plain [ 4 ] \_\_\_\_\_ [ ]  
Skunk River Drainage Basin [ 4 ] \_\_\_\_\_ [ ]  
Iowa Army Ammunition Plant [ 4 ] \_\_\_\_\_ [ ]  
\_\_\_\_\_ [ ] \_\_\_\_\_ [ ]  
\_\_\_\_\_ [ ] \_\_\_\_\_ [ ]  
\_\_\_\_\_ [ ] \_\_\_\_\_ [ ]  
\_\_\_\_\_ [ ] \_\_\_\_\_ [ ]

10. UTM Zone: 15 Easting: \_\_\_\_\_ Northing: \_\_\_\_\_  
15 Easting: \_\_\_\_\_ Northing: \_\_\_\_\_  
15 Easting: \_\_\_\_\_ Northing: \_\_\_\_\_  
15 Easting: \_\_\_\_\_ Northing: \_\_\_\_\_  
11. Township: 70N \_\_\_\_\_  
Range: 3W \_\_\_\_\_

12. Monographs:

13. Chapter:      In: \_\_\_\_\_      First: \_\_\_\_\_      Last: \_\_\_\_\_

14. Journal: \_\_\_\_\_ Volume: \_\_\_\_\_ Issue: \_\_\_\_\_ First: \_\_\_\_\_ Last: \_\_\_\_\_

16. Paper: \_\_\_\_\_ Meeting: \_\_\_\_\_  
Place: \_\_\_\_\_ Date: \_\_\_\_\_

17. Other:  
Reference Line: \_\_\_\_\_

[illegible]

19. Quad Map:	Name <u>West Burlington, Iowa</u>	Date <u>1976</u>
	<u></u>	<u></u>
	<u></u>	<u></u>
	<u></u>	<u></u>
	<u></u>	<u></u>

APPENDIX B  
Historic Architectural Database



# Historical Architectural Data Base

## Data Entry Form for Studies and Reports

(1/28/97)

Doc. No.: 29-037

**File Location:** ☒ Report Series (County) ☐ Report Series (Multi-County)  
☐ Site Inventory files with Site Inventory #: \_\_\_\_\_

**Source of Study:** ☐ Certified Local Government Project ☒ Section 106 Review & Compliance Project  
☐ Historical Resource Development Program Project ☐ Other

**Project Reference #:** BCA 2122

**Authors/Editor/Compiler/Originator:**

**Blikre, Lowell**

**Author Role:** ☒ Consultant ☐ Private Researcher/Writer ☐ Teacher ☐ Student  
☐ Project employee/volunteer ☐ Site Administrator ☐ Other: \_\_\_\_\_

**Title of Work:**

**Intensive Phase I Cultural Resources Survey, Geomorphological Assessment, and  
Architectural and Historical Reconnaissance Survey for the Proposed Expansion of Yard L,  
Iowa Army Ammunition Plant, Flint River Township, Des Moines, Iowa**

**Year Issued:** 2015

**Type of Work Performed:**

*(check one only)*

*Survey:*

- ☐ Windshield survey minimum level documentation
- ☐ Reconnaissance survey to make recommendations for intensive survey(s).
- ☐ Intensive survey
- ☒ Mixed intensive and reconnaissance survey

*Plan:*

- ☐ Planning for Preservation/Survey
- ☐ Community Preservation Plan

*Property Study:*

- |  |   |
|--|---|
| <input type="checkbox"/> Iowa Historic Property Documentation Study  | <input type="checkbox"/> Historic Structure Report                  |
| <input type="checkbox"/> Historic American Building Survey (HABS)    | <input type="checkbox"/> Feasibility/Re-use Study                   |
| <input type="checkbox"/> Historic American Engineering Record (HAER) | <input type="checkbox"/> Architectural/Engineering Plans and Specs. |
| <input type="checkbox"/> Management or Master Plan                   |   |

*National Register:*

- ☐ Multiple Property Documentation Form

*Other (e.g., private research, school project, video):*

**Kind of Work Produced:**

(fill in one section only: **Report or Monograph or Chapter, etc.**)

*Report:* Published/produced by: Bear Creek Archeology

Place issued: Cresco, Iowa

Client: American Ordance, LLC

*If applicable, include:*

Series Title: \_\_\_\_\_

Volume #: \_\_\_\_\_ Report #: 2122

*Monograph:* Publisher Name:

Place:

*Chapter:* In: \_\_\_\_\_ First pg. #: \_\_\_\_\_ Last pg. #: \_\_\_\_\_

*Journal:* Name: \_\_\_\_\_ Vol. \_\_\_\_\_ No. \_\_\_\_\_ Pages: \_\_\_\_\_ to \_\_\_\_\_

*Thesis:* Degree (check one): ☐ Ph.D. ☐ LL.D. ☐ M.A. ☐ M.S. ☐ B.A. ☐ B.S.

Name of College/University:

*Paper:* Meeting:

Place: \_\_\_\_\_

*Other:*

**Geographic Scope of Study:**

☐ City/town ☐ Township(s) ☐ County ☐ Region of Iowa ☐ Statewide ☒ Other: Project Area

State: IA \_\_\_\_\_

County: Des Moines \_\_\_\_\_

Town: \_\_\_\_\_

Township: 70N \_\_\_\_\_

Range: 3W \_\_\_\_\_

**Time Focus:** (check any decades that receive particular attention)

☐ before 1830 ☐ 1830s ☐ 1840s ☐ 1850s ☐ 1860s ☐ 1870s ☐ 1880s ☐ 1890s

☐ 1900s ☐ 1910s ☐ 1920s ☐ 1930s ☒ 1940s ☒ 1950s ☒ 1960s ☒ 1970s ☐ 1980/later

**Keyword:** (Index of any subjects, topics, or people given prominent attention in the report)

Iowa Army Ammunition Plant \_\_\_\_\_

World War II \_\_\_\_\_

Cold War \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

APPENDIX C  
Catalog Sheets

## Catalog Sheet - Bear Creek Archeology, Inc.

Accession No. \_\_\_\_\_

Site No. 13DM601

Site Name \_\_\_\_\_

Contractor/Sponsor  
IAAAP

Principal Field Archeologist  
Lowell Blikre

Principal Lab Archeologist  
Lowell Blikre

Catalog Number	Specimen Category Specimen Description		No. of Artifacts	Area/Unit/Test			Depth Below Surface	Fieldwork Date, Field Archeologists, Remarks	
1	CER	stoneware, body sherd, unglazed, 2 g	1			ST A7	14-20 cm	3/18/15 SH	
2	MET	4 machine cut nails, 7.3 g; 1 wire nail, 4.4 g	5			ST A8	0-10 cm	3/18/15 KW	
3	CER	stoneware, body sherd, Albany slip interior and exterior, 23 g	1			ST A8	10-20 cm	3/18/15 KW	
4	GLA	clear vessel glass, body fragment, 1 g	1			ST A8	10-20 cm	3/18/15 KW	
5	GLA	clear vessel glass, body fragment, melted, 3.9 g	1			ST A8	10-20 cm	3/18/15 KW	
6	MET	fence staple, 5.8 g	1			ST A8	10-20 cm	3/18/15 KW	
7	MET	6 machine cut nails, 21.2 g; 2 wire nails, 8.3 g	8			ST A8	10-20 cm	3/18/15 KW	
8	CER	stoneware, rim sherds, drain pipe collar joint, 9" dia. interior, Albany slip interior and exterior, 533.1 g	4			ST A8	20-30 cm	3/18/15 KW	
9	CER	whiteware, plain base sherd, .7 g	1			ST A8	20-30 cm	3/18/15 KW	
10	GLA	clear vessel glass, body sherds, decorative, milky appearance with opaque white "dots", 18.8 g	4			ST A8	20-30 cm	3/18/15 KW	
11	MET	machine cut nails, 7.9 g	2			ST A8	20-30 cm	3/18/15 KW	

## Catalog Sheet - Bear Creek Archeology, Inc.

Accession No. \_\_\_\_\_

Site No. 13DM601

Site Name \_\_\_\_\_

Contractor/Sponsor  
IAAAP

Principal Field Archeologist  
Lowell Blikre

Principal Lab Archeologist  
Lowell Blikre

Catalog Number	Specimen Category Specimen Description		No. of Artifacts	Area/Unit/Test			Depth Below Surface	Fieldwork Date, Field Archeologists, Remarks	
12	MSH	shell button, 4-hole, 11 mm dia., .1 g	1			ST A8	30-40 cm	3/18/15 KW	
13	MET	2 machine cut nails, 6.4 g; 1 wire nail, 1.2 g	3			ST A12	10-20 cm	3/18/15 SH	
14	MET	machine cut nail, 13.7 g	1			ST A13	0-15 cm	3/18/15 LRB	
15	OH	slag, 4.7 g	1			ST A13	0-15 cm	3/18/15 LRB	discarded
			35						



## Catalog Sheet - Bear Creek Archeology, Inc.

Accession No. \_\_\_\_\_

Site No. 13DM604

Site Name \_\_\_\_\_

Contractor/Sponsor  
IAAAP

Principal Field Archeologist  
Lowell Blikre

Principal Lab Archeologist  
Lowell Blikre

Catalog Number	Specimen Category Specimen Description		No. of Artifacts	Area/Unit/Test			Depth Below Surface	Fieldwork Date, Field Archeologists, Remarks	
1	CER	whiteware, plain body sherd, almost completely exfoliated, 4 g	1			ST A1	10-30 cm	3/18/15 SH	
2	CER	whiteware, body sherd, flow blue, .6 g	1			ST A1	10-30 cm	3/18/15 SH	
3	MET	machine cut nails, 8.1 g	3			ST A2	10-20 cm	3/18/15 KW	
4	CER	stoneware, body sherd, Bristol glaze interior and exterior, 3.2 g	1			ST A3	0-20 cm	3/18/15 KW	
5	CER	stoneware, base sherd, orange slip interior, unglazed exterior, 3.1 g	1			ST A3	0-20 cm	3/18/15 KW	
6	CER	stoneware, body sherd, Albany slip interior and exterior, 5.8 g	1			ST A4	10-20 cm	3/18/15 KW	
7	MET	fragment, unidentifiable due to rust, 4.8 g	1			ST A4	10-20 cm	3/18/15 KW	
8	CER	whiteware, plain body sherd, 1.2 g	1			ST A4	20-30 cm	3/18/15 KW	
9	MET	cast iron fragment, "L" shaped, 21.2 g	1			ST A4	20-30 cm	3/18/15 KW	
10	GLA	flat glass, .5 g	1			ST A5	0-10 cm	3/18/15 LRB	
11	CER	stoneware, body sherd, brown glaze interior, salt glaze exterior, 5.4 g	1			ST A6	0-30 cm	3/18/15 SH	
12	CER	porcelain, plain body sherd, 3.6 g	1			ST A6	0-30 cm	3/18/15 SH	

## Catalog Sheet - Bear Creek Archeology, Inc.

Accession No. \_\_\_\_\_

Site No. 13DM604

Site Name \_\_\_\_\_

Contractor/Sponsor  
IAAAP

Principal Field Archeologist  
Lowell Blikre

Principal Lab Archeologist  
Lowell Blikre

Catalog Number	Specimen Category Specimen Description		No. of Artifacts	Area/Unit/Test			Depth Below Surface	Fieldwork Date, Field Archeologists, Remarks	
13	GLA	aqua bottle glass, base fragment, modern?, 2.4 g	1			ST A7	0-29 cm	3/18/15 KW	
14	CER	whiteware, plain body sherd, burned, .3 g	1			ST A8	0-30 cm	3/18/15 SH	
15	MAS	block fragment, structural terra cotta, 309.3 g	1			ST B2	0-25 cm	3/18/15 SH	discarded
16	MET	machine cut nail/spike, 41.1 g	1			ST B4	10-20 cm	3/18/15 LRB	
17	OH	slag, glassy, 2.2 g	1			ST B4	10-20 cm	3/18/15 LRB	discarded
18	MET	iron/steel stake, pointed end missing, 500.8 g	1			ST B6	20-30 cm	3/18/15 KW	
19	MET	iron steel fragment, possibly pointed end of stake, 17.8 g	1			ST B10	0-30 cm	3/18/15 SH	
20	OH	furnace waste, metallic slag, 185.4 g	1			ST B10	0-30 cm	3/18/15 SH	discarded
			22						

APPENDIX D  
Iowa Archaeological Site Forms

# IOWA ARCHAEOLOGICAL SITE FORM

Office of the State Archaeologist  
700 Clinton Street Building  
University of Iowa  
Iowa City, Iowa 52242-1030

**Site Number:** 13DM601  
**County:** DES MOINES  
**Name/Field No.:** 13DM601  
**New Form:** ☐ **Supplemental:** ☒

## I. SITE TYPE INFORMATION

### Legal

#### Location:

**Township:** T70N

**Range:** R03W

**Section:** 31

NE 1/4 NE 1/4

**Township:** T70N

**Range:** R03W

**Section:** 32

NW 1/4 NW 1/4

**Quadrangle(s):** WEST BURLINGTON

**Reliability of Site Location:** Good

### Site Type/Function

Historic scatter

### Period/Cultural Affiliation

**Period:** Historic Euro-American

## II. CULTURAL MATERIALS: 13DM601

**Location of Artifact Collection:** Bear Creek Archeology, Inc.

Category	Description	Collected?
Shell, worked	shell button	yes
Ceramic, historic	unglazed stoneware body sherd	yes
Other glass	vessel glass fragments	yes
Metal	machine cut and wire nails	yes
Masonry	drain pipe	yes
Coal, cinder, clinker	stove waste	yes

**Collection Method(s):** surface, shovel/posthole/auger tests

**Ground Cover:** ☐ row crops ☒ grass ☐ brush/weedy/open woods ☐ forest/heavy timber ☐ exposed/eroded ☐ unknown

**Amount of Ground Surface Visible:** ☒ <10% ☐ 10-50% ☐ 50-90% ☐ 90-100% ☐ unknown

**Surface Conditions in Cropland:** ☐ dry ☐ recent rain ☐ wet ☒ unknown

**Recently Tilled Cropland:** ☐ true ☒ false

### III. GEOGRAPHIC INFORMATION 13DM601

**Topography/Landform:** Uplands, Summit

**Nearest Water Source:** Well/cistern

**Site Size**

**Dimensions:** 0 x 0 m

**Area:** 11621 sq m

**Map Method(s):** Global Positioning System

**Integrity:** ☐ excellent ☐ good ☐ poor ☒ completely destroyed ☐ unknown

**Threats To Site**

**Past/**

**Present**

**Future**

**Threat Type**

**Description**

X

development/construction

Iowa Army Ammunition  
Plant development

X

other (describe)

farmstead

**Current Land Use:** unused, pasture/grass

### IV. INVESTIGATION INFORMATION 13DM601

**Recorder(s)**

**Name**

**Address**

Blikre, Lowell

Bear Creek Archeology, Inc.

**Start Date of Investigation:** 3/18/2015

**Level of Investigation:** Phase I

**Recommendations:** No further work

**National Register Eligibility Recommendation:** Not Eligible for NR

**Present Landowner(s)**

**Name**

**Address**

**Attitude**

**Toward**

**Investigation**

Iowa Army Ammunition  
Plant

17575 State Hwy 79 Middletown IA  
52638

very positive

**Photo(s)**

**Photo Type**

**Curated At**

Digital

Bear Creek Archeology, Inc.



## **V. VERBAL DESCRIPTION 13DM601**

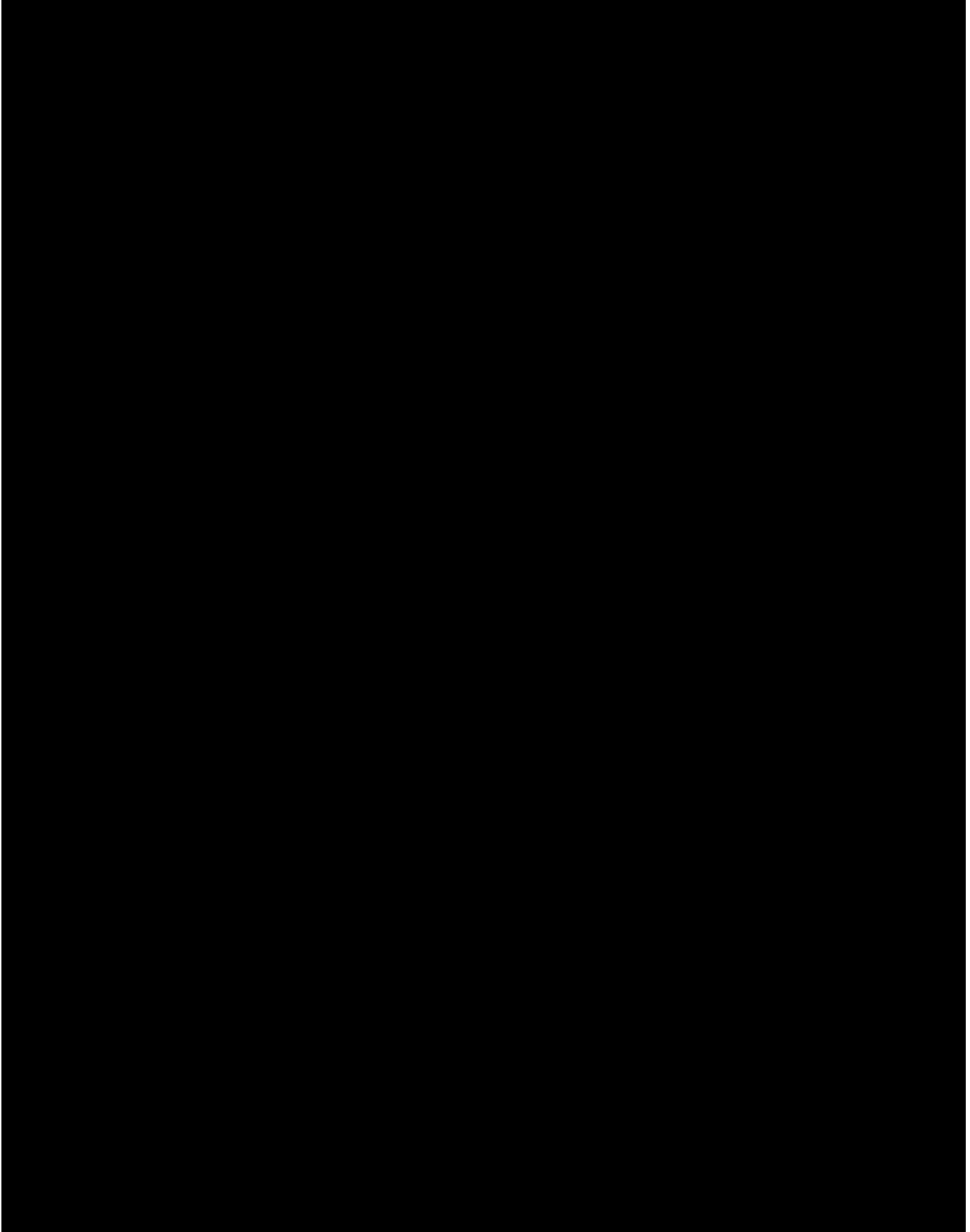
**Location:** Provide a verbal description of how to locate the site, including distances and direction.

**This information must be sufficiently detailed to permit accurate site relocation. If possible, include permanent landmarks, roadways, and distances.**

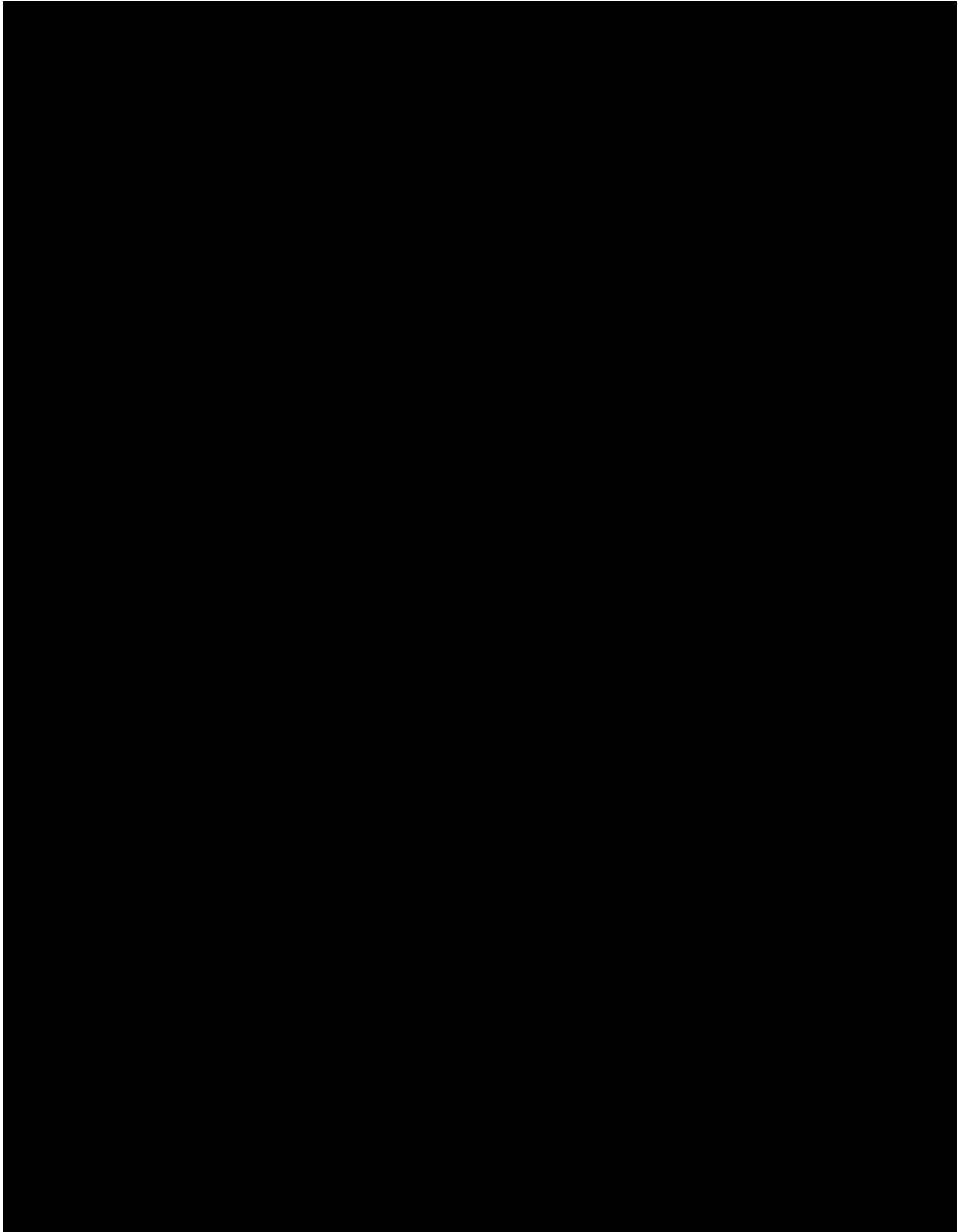
East of the town of Middletown, south of Highway 434.

**Site Description:** Describe the site and include dimensions, features, nature and content of artifacts and concentrations, extent and location of disturbances, etc.

Site 13DM601 is currently located in a grass and tree covered portion of the project area. This site was first recorded during the reconnaissance survey conducted by Augustana College. The surface inspection located two small depressions and a large galvanized steel pipe that was set vertically into the ground and filled with rubble. Bear Creek Archeology, Inc. relocated the site and excavated a line of shovel tests from east to west across the grass and tree covered area. A small amount of stove waste and some glass fragments were observed during a surface inspection of the plowed field adjacent to the site. These items were not collected. The site boundary was expanded in order to encompass the entire area of the farmstead that is visible on the 1937 aerial photograph. The house that was once present was removed and the rest of the buildings were demolished when the Iowa Army Ammunition Plant was constructed. Three positive shovel tests produced 35 artifacts including machine cut and wire nails, pieces of a stoneware drain pipe, several vessel glass fragments, whiteware and stoneware sherds, stove waste, and a mussel shell shirt button. Site 13DM601 is recommended not eligible for listing to the National Register of Historic Places. The testing suggests that the artifact deposit related to this former occupation is sparse. Apparently the post-occupation cleanup was thorough. This site is not considered to have the potential to produce additional information regarding the history of the area. Bear Creek Archeology, Inc. recommends no additional cultural resources work for 13DM601. Reference: Blikre, Lowell, 2015, Intensive Phase I Cultural Resource Survey, Geomorphological Assessment, and Architectural and Historical Reconnaissance Survey for the Proposed Expansion of Yard L, Iowa Army Ammunition Plant, Flint River Township, Des Moines County, Iowa. BCA 2122. Bear Creek Archeology, Cresco, Iowa.



**Topographic coverage of 13DM601.**



# IOWA ARCHAEOLOGICAL SITE FORM

Office of the State Archaeologist  
700 Clinton Street Building  
University of Iowa  
Iowa City, Iowa 52242-1030

**Site Number:** 13DM602  
**County:** DES MOINES  
**Name/Field No.:** 13DM602  
**New Form:** ☐ **Supplemental:** ☒

## I. SITE TYPE INFORMATION

### Legal

#### Location:

**Township:** T70N

**Range:** R03W  
NW 1/4 NW 1/4

**Section:** 32

**Quadrangle(s):** WEST BURLINGTON

**Reliability of Site Location:** Good

#### Site Type/Function

Prehistoric scatter

## II. CULTURAL MATERIALS: 13DM602

**Location of Artifact Collection:** Bear Creek Archeology, Inc.

Category	Description	Collected?
Stone, chipped, tools	grinding slab fragment	no
Stone, chipped, debitage	flaking debris	no
Stone, chipped, cores	core	no

**Collection Method(s):** surface

**Ground Cover:** ☒ row crops ☐ grass ☐ brush/weedy/open woods ☐ forest/heavy timber ☐ exposed/eroded ☐ unknown

**Amount of Ground Surface Visible:** ☐ <10% ☐ 10-50% ☒ 50-90% ☐ 90-100% ☐ unknown

**Surface Conditions in Cropland:** ☐ dry ☐ recent rain ☒ wet ☐ unknown

**Recently Tilled Cropland:** ☐ true ☒ false



### III. GEOGRAPHIC INFORMATION 13DM602

**Topography/Landform:** Uplands, Headslope

**Nearest Water Source:** Intermittent stream

**Site Size**

**Dimensions:** 0 x 0 m

**Area:** 4210 sq m

**Map Method(s):** Global Positioning System

**Integrity:** ☐ excellent ☐ good ☒ poor ☐ completely destroyed ☐ unknown

**Threats To Site**

Past/ Present	Future	Threat Type	Description
X		agriculture/livestock	plowed field
	X	development/construction	Iowa Army Ammunition Plant development

**Current Land Use:** cultivation

### IV. INVESTIGATION INFORMATION 13DM602

**Recorder(s)**

Name	Address
Blikre, Lowell	Bear Creek Archeology, Inc.

**Start Date of Investigation:** 3/18/2015

**Notes on Investigation Level:** No formal work

**Recommendations:** No further work

**National Register Eligibility Recommendation:** Not Eligible for NR

**Present Landowner(s)**

Name	Address	Attitude Toward Investigation
Iowa Army Ammunition Plant	17575 State Hwy 79 Middletown IA 52638	very positive

**Photo(s)**

Photo Type	Curated At
Digital	Bear Creek Archeology, Inc.

## **V. VERBAL DESCRIPTION 13DM602**

**Location:** Provide a verbal description of how to locate the site, including distances and direction.

**This information must be sufficiently detailed to permit accurate site relocation. If possible, include permanent landmarks, roadways, and distances.**

East of the town of Middletown, south of Highway 434.

**Site Description:** Describe the site and include dimensions, features, nature and content of artifacts and concentrations, extent and location of disturbances, etc.

Site 13DM602 is located on a slight rise along the headwall of an upland drainage. A hand core was used to briefly look at the soil profile. No artifacts were collected but a grinding slab fragment, a core, and several large hard hammer produced flakes were observed on the surface. This site was first recorded during the Augustana College reconnaissance survey of the Iowa Army Ammunition Plant. A biface of fossiliferous Burlington chert was collected and a core and several pieces of flaking debris were observed on the plowed surface. This site was not shovel tested during the reconnaissance survey. Phase II testing was later conducted and 13DM602 was recommended to be not eligible for listing to the National Register of Historic Places and the Iowa State Historic Preservation Office concurred with this recommendation. Because of this, 13DM602 is not National Register of Historic Places eligible, and no formal work was conducted at this site by Bear Creek Archeology, Inc. and no additional cultural resources work is recommended. Reference: Blikre, Lowell, 2015, Intensive phase I Cultural Resource Survey, Geomorphological Assessment, and Architectural and Historical Reconnaissance Survey for the Proposed Expansion of Yard L, Iowa Army Ammunition Plant, Flint River Township, Des Moines County, Iowa. BCA 2122. Bear Creek Archeology, Cresco, Iowa.

# IOWA ARCHAEOLOGICAL SITE FORM

Office of the State Archaeologist  
700 Clinton Street Building  
University of Iowa  
Iowa City, Iowa 52242-1030

**Site Number:** 13DM604  
**County:** DES MOINES  
**Name/Field No.:** 13DM604  
**New Form:** ☐ **Supplemental:** ☒

## I. SITE TYPE INFORMATION

### Legal

#### Location:

**Township:** T70N

**Range:** R03W

**Section:** 32

NE 1/4 NW 1/4

**Quadrangle(s):** WEST BURLINGTON

**Reliability of Site Location:** Fair

### Site Type/Function

Historic dump  
Historic scatter

### Period/Cultural Affiliation

**Period:** Historic Euro-American

## II. CULTURAL MATERIALS: 13DM604

**Location of Artifact Collection:** Bear Creek Archeology, Inc.

Category	Description	Collected?
Ceramic, historic	stoneware; whiteware; porcelain	yes
Container glass	blue bottle glass	yes
Window glass	flat glass	yes
Metal	machine cut nails	yes
Metal	metallic slag	no
Masonry	hollow terra cotta brick	yes
Coal, cinder, clinker	glassy furnace waste	no

**Collection Method(s):** surface, shovel/posthole/auger tests

**Ground Cover:** ☒ row crops ☐ grass ☐ brush/weedy/open woods ☐ forest/heavy timber ☐ exposed/eroded ☐ unknown

**Amount of Ground Surface Visible:** ☐ <10% ☐ 10-50% ☒ 50-90% ☐ 90-100% ☐ unknown

**Surface Conditions in Cropland:** ☐ dry ☐ recent rain ☒ wet ☐ unknown

**Recently Tilled Cropland:** ☐ true ☒ false

### III. GEOGRAPHIC INFORMATION 13DM604

**Topography/Landform:** Uplands, Summit

**Nearest Water Source:** Well/cistern

**Site Size**

**Dimensions:** 0 x 0 m

**Area:** 11444 sq m

**Map Method(s):** Global Positioning System

**Integrity:** ☐ excellent ☐ good ☐ poor ☒ completely destroyed ☐ unknown

**Threats To Site**

Past/ Present	Future	Threat Type	Description
X		agriculture/livestock	former farmstead
	X	development/construction	Iowa Army Ammunition Plant development
X		other (describe)	possible undocumented waste disposal

**Current Land Use:** cultivation

### IV. INVESTIGATION INFORMATION 13DM604

**Recorder(s)**

Name	Address
Blikre, Lowell	Bear Creek Archeology, Inc.

**Start Date of Investigation:** 3/18/2015

**Level of Investigation:** Phase I

**Recommendations:** No further work

**National Register Eligibility Recommendation:** Not Eligible for NR

**Present Landowner(s)**

Name	Address	Attitude Toward Investigation
Iowa Army Ammunition Plant	17575 State Hwy 79 Middletown IA 52638	very positive

**Photo(s)**

Photo Type	Curated At
Digital	Bear Creek Archeology, Inc.

## V. VERBAL DESCRIPTION 13DM604

**Location:** Provide a verbal description of how to locate the site, including distances and direction.

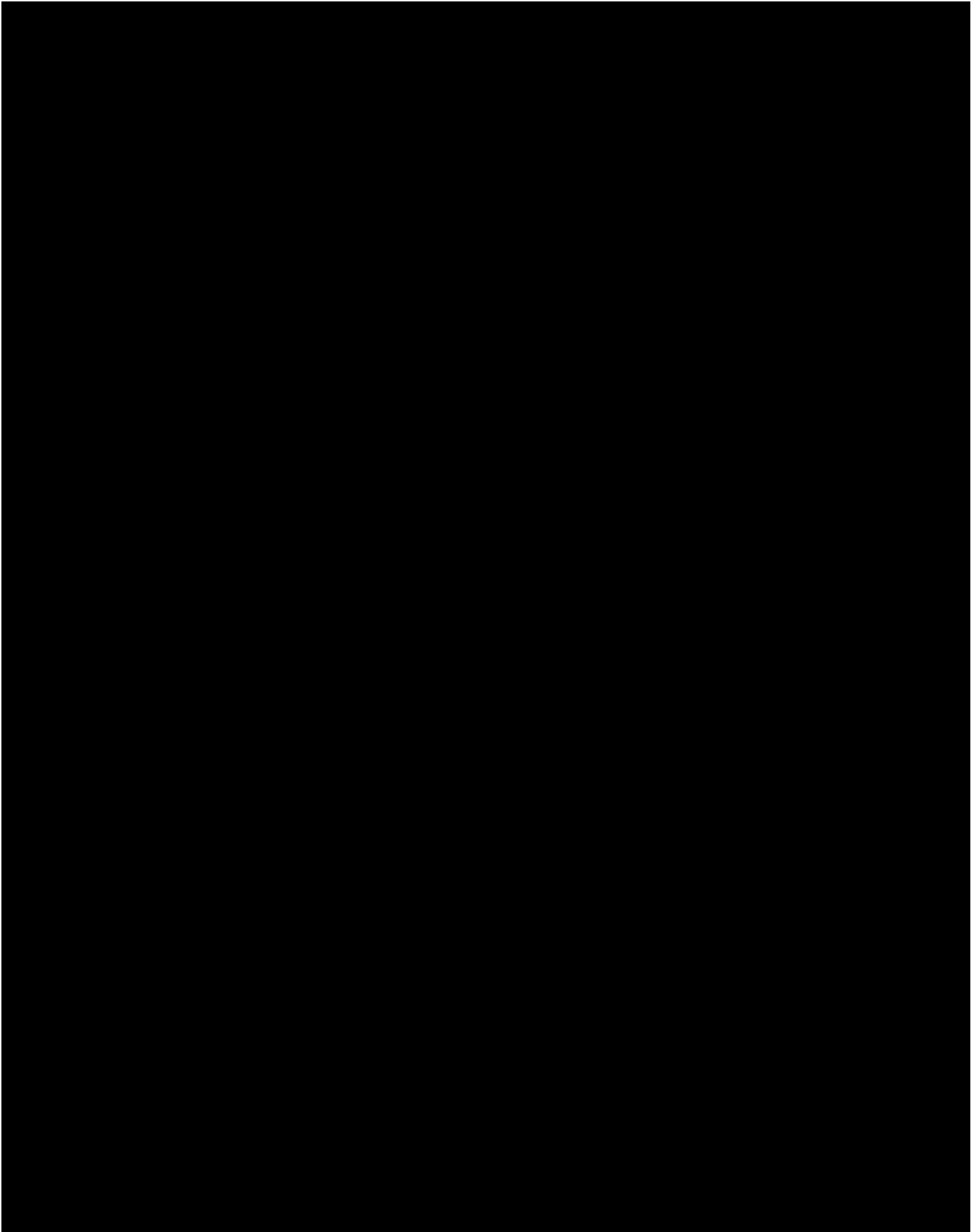
This information must be sufficiently detailed to permit accurate site relocation. If possible, include permanent landmarks, roadways, and distances.

East of the town of Middletown, south of Highway 434.

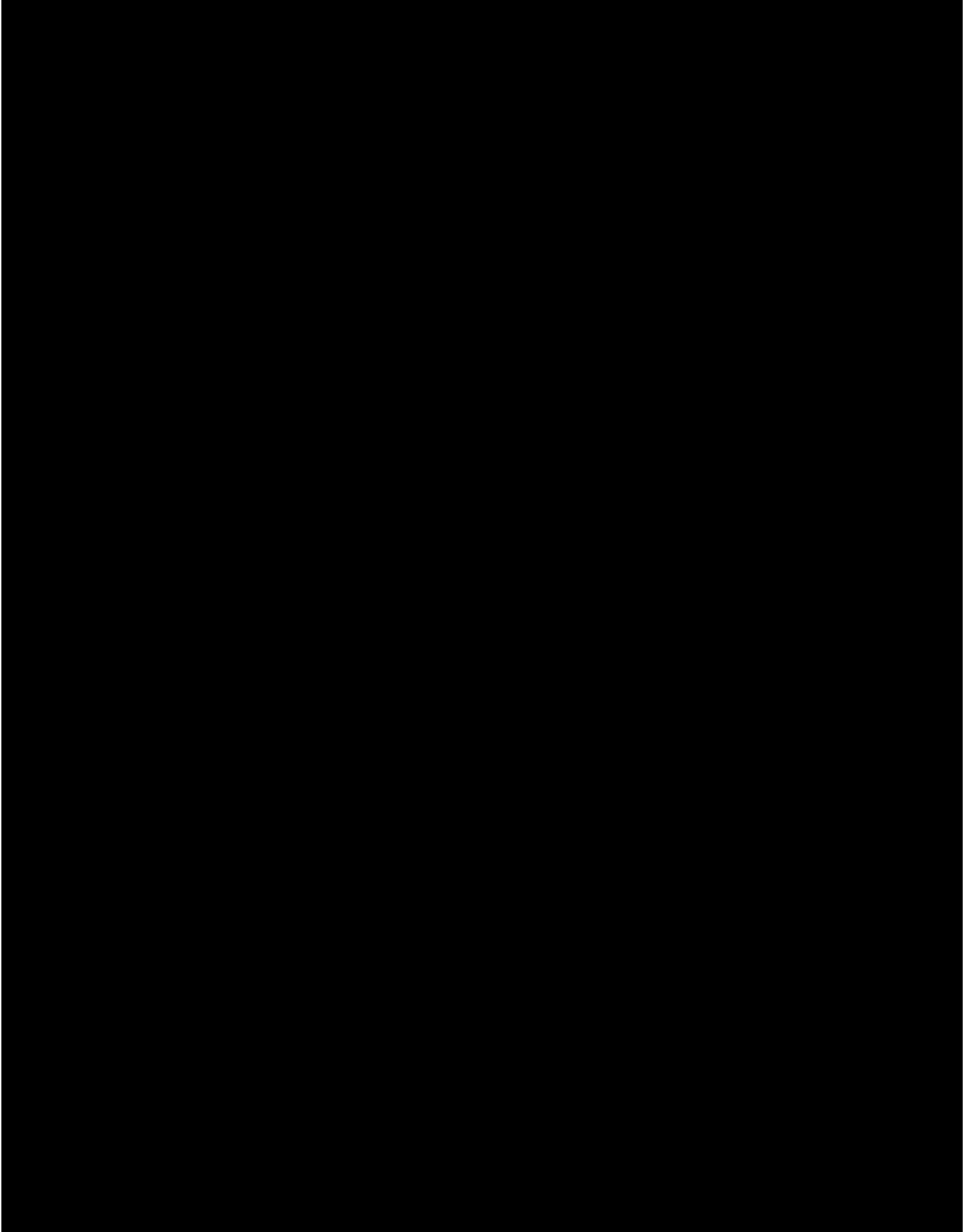
**Site Description:** Describe the site and include dimensions, features, nature and content of artifacts and concentrations, extent and location of disturbances, etc.

Most of 13DM604 is located within a plowed field on a loess-covered upland. This site was first recorded during the reconnaissance survey conducted by Augustana College. No shovel testing was conducted at that time. A depression, two areas of concrete and limestone rubble, a concrete pad, and a scatter of domestic and structural debris were observed but not collected. Bear Creek Archeology relocated the site and initially conducted a surface examination. The concrete pad is not associated with the farmstead as it does not appear on aerial photographs until 1983 and there is a driveway extending to it through a gate in the plant fence. The two areas of concrete and limestone fragments are out of context piles of foundation rubble. Bear Creek Archeology personnel observed a small number of stoneware, whiteware, and vessel glass fragments in the eastern portion of the site near one of the rubble piles and multiple large pieces of glassy slag in the southwestern portion of the site. Twenty-two shovel tests produced artifacts including a few small stoneware and whiteware sherds, a porcelain dish fragment, a piece of pale blue bottle glass, several machine cut nails, a piece of flat window glass, a fragment of a hollow terra cotta brick. Several other terra cotta brick fragments were observed but not collected. The pole end of a large steel stake was also recovered. A great deal of glassy furnace waste was observed as were pieces of metallic slag that are not associated with the wood or coal stoves or furnaces that were commonly present in farmhouses. These are waste products from high heat producing devices like a foundry or a blast furnace. The farmstead appears on two late nineteenth century county atlases for the period between 1873 and 1897. A short biography of Robert Lynn, owner of the farmstead during this period, states that he had held "various school and township offices". Nothing in the biography indicates a foundry, a forge, or a blast furnace being present on-site. No reference is made to metal working or industry of that nature being present. A farmstead was at this location when the land was acquired by the Iowa Army Ammunition Plant, was removed and foundations demolished for construction of the plant. Site 13DM604 is recommended not eligible for listing to the NRHP as it has been substantially disturbed by building removal and foundation demolition. The artifact deposit is sparse and most are out of context. This site is not considered to have the potential to produce additional information regarding the history of the area and Bear Creek Archeology recommends no additional cultural resources work for 13DM604. Reference: Blikre, Lowell, 2015, Intensive Phase I Cultural Resource Survey, Geomorphological Assessment, and Architectural and Historical Reconnaissance Survey for the Proposed Expansion of Yard L, Iowa Army Ammunition Plant, Flint River Township, Des Moines County, Iowa. BCA 2122. Bear Creek Archeology, Cresco, Iowa.<br>





**Topographic coverage of 13DM604.**



**Scale map of 13DM604.**

# IOWA ARCHAEOLOGICAL SITE FORM

Office of the State Archaeologist  
700 Clinton Street Building  
University of Iowa  
Iowa City, Iowa 52242-1030

**Site Number:** 13DM1322  
**County:** DES MOINES  
**Name/Field No.:** 13DM1322  
**New Form:** ☐ **Supplemental:** ☒

## I. SITE TYPE INFORMATION

### Legal

#### Location:

**Township:** T70N

**Range:** R03W

**Section:** 32

SE 1/4 NW 1/4

**Quadrangle(s):** WEST BURLINGTON

**Reliability of Site Location:** Good

### Site Type/Function

Isolated find -- IF 367

Prehistoric scatter

## II. CULTURAL MATERIALS: 13DM1322

**Location of Artifact Collection:** no collection

<u>Category</u>	<u>Description</u>	<u>Collected?</u>
Stone, chipped, cores	core	no
Stone, chipped, debitage	flaking debris	no

**Collection Method(s):** surface

**Ground Cover:** ☒ row crops ☐ grass ☐ brush/weedy/open woods ☐ forest/heavy timber ☐ exposed/eroded ☐ unknown

**Amount of Ground Surface Visible:** ☐ <10% ☐ 10-50% ☒ 50-90% ☐ 90-100% ☐ unknown

**Surface Conditions in Cropland:** ☐ dry ☐ recent rain ☒ wet ☐ unknown

**Recently Tilled Cropland:** ☐ true ☒ false

### III. GEOGRAPHIC INFORMATION 13DM1322

**Topography/Landform:** Uplands, Summit

**Nearest Water Source:** Intermittent stream -- Brush Creek

**Site Size**

**Dimensions:** 0 x 0 m

**Area:** 9607 sq m

**Map Method(s):** Global Positioning System

**Integrity:** ☐ excellent ☐ good ☒ poor ☐ completely destroyed ☐ unknown

**Threats To Site**

Past/ Present	Future	Threat Type	Description
X	X	agriculture/livestock development/construction	Iowa Army Ammunition Plant development

**Current Land Use:** cultivation

### IV. INVESTIGATION INFORMATION 13DM1322

**Recorder(s)**

Name	Address
Blikre, Lowell	Bear Creek Archeology, Inc.

**Start Date of Investigation:** 3/19/2015

**Level of Investigation:** Phase I

**Recommendations:** No further work

**National Register Eligibility Recommendation:** Not Eligible for NR

**Present Landowner(s)**

Name	Address	Attitude Toward Investigation
Iowa Army Ammunition Plant	17575 State Hwy 79 Middletown IA 52638	very positive

**Photo(s)**

Photo Type	Curated At
Digital	Bear Creek Archeology, Inc.

## **V. VERBAL DESCRIPTION 13DM1322**

**Location: Provide a verbal description of how to locate the site, including distances and direction.**

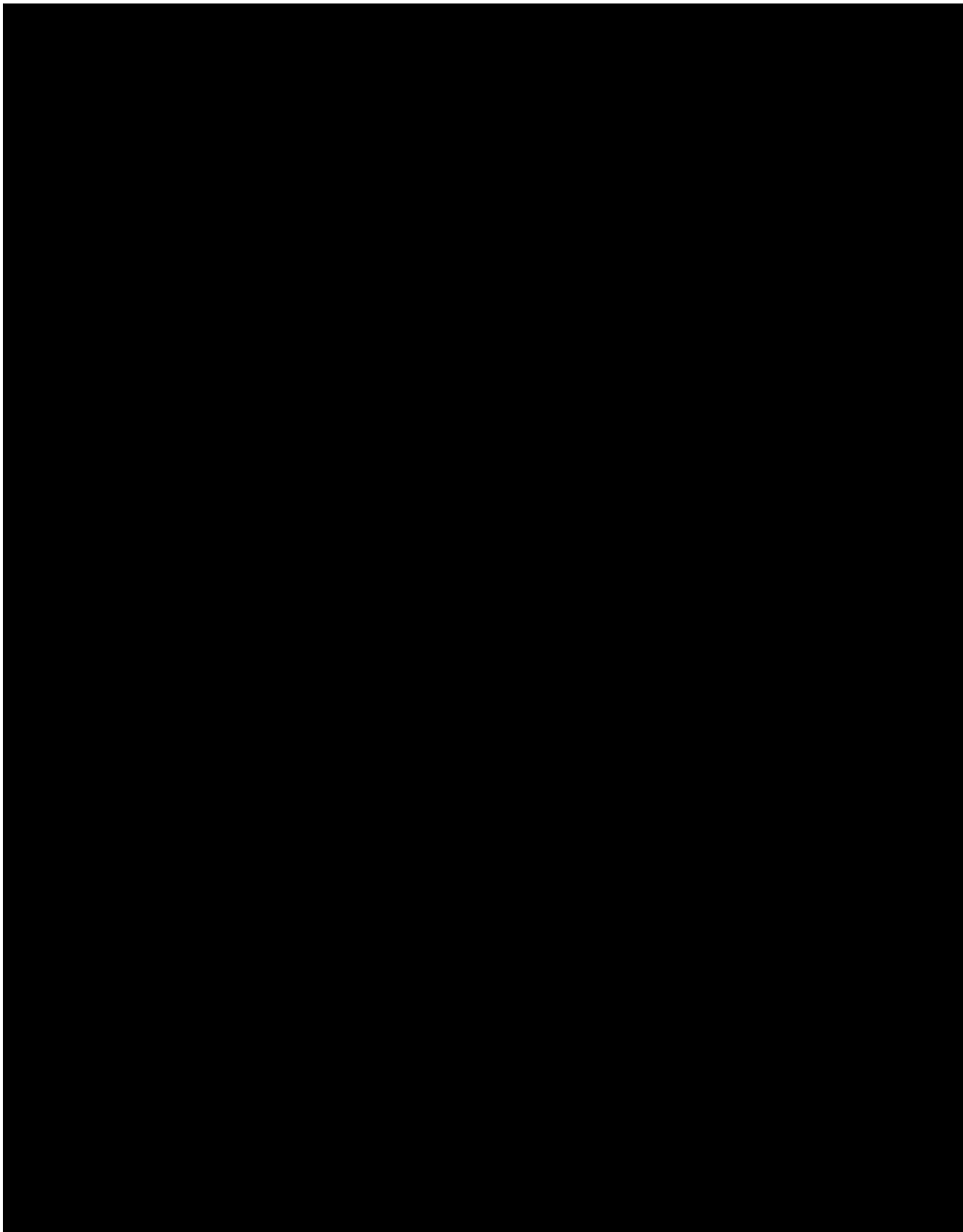
**This information must be sufficiently detailed to permit accurate site relocation. If possible, include permanent landmarks, roadways, and distances.**

East of the town of Middletown, south of Highway 434.

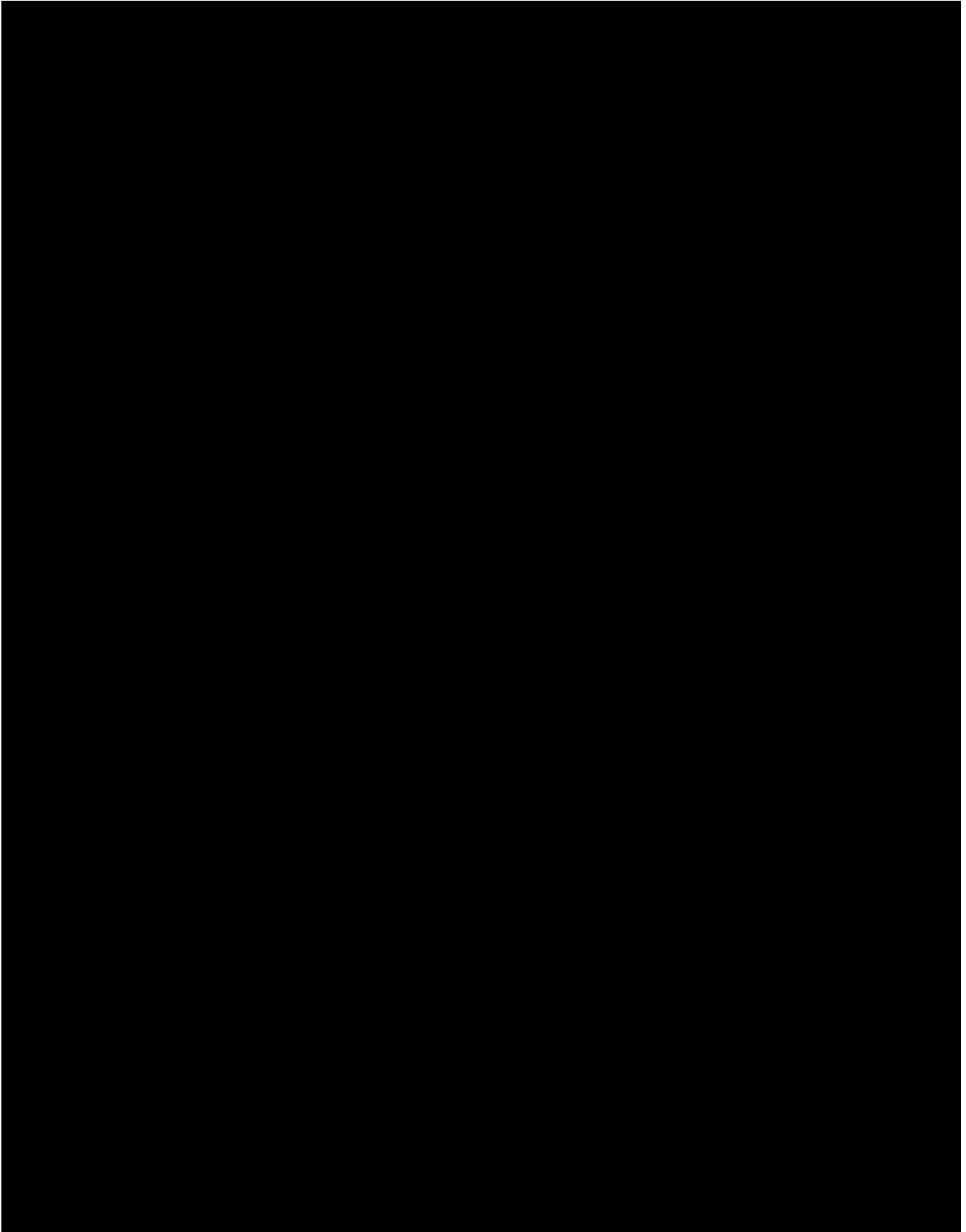
**Site Description: Describe the site and include dimensions, features, nature and content of artifacts and concentrations, extent and location of disturbances, etc.**

This prehistoric site, first recorded by Augustana College as Isolated Find (IF) 367 during a reconnaissance survey, is located on a rise in an upland plowed field. Artifacts included a flake and a core. No shovel testing was conducted at that time, but the site was revisited during a waterline survey and produced multiple flakes, two unfinished biface fragments, and a piece of fire-cracked rock. The portion of the site within the waterline project corridor was shovel tested, but only one test contained an artifact. Because of the eroded nature of the site and the lack of artifacts below plowzone, the portion of 13DM1322 that was shovel tested was recommended not eligible for nomination to the National Register of Historic Places. Bear Creek Archeology personnel relocated the site, finding several flakes and a core (uncollected) on the surface. Observed and previously documented artifacts from 13DM1322 indicate that this site is a location where the production of chipped stone tools from locally available Burlington chert was the primary task. A small amount of Warsaw tabular and Keokuk chert knapping debris have also been collected. No diagnostic artifacts have been recovered from this site and the cultural affiliation(s) of the artifacts are undetermined. The site has not produced any used tools and only one piece of fire-cracked rock, a reddened piece of sandstone. Site 13DM1322 is recommended not eligible for listing the the National Register of Historic Places. The shovel testing indicates that the site is eroded, with a B horizon underlying the plowzone. This site does not have the potential to produce additional information regarding the prehistory of the area. Bear Creek Archeology recommends no additional cultural resources work for 13DM1322. Reference: Blikre, Lowell, 2015, Intensive phase I Cultural Resource Survey, Geomorphological Assessment, and Architectural and Historical Reconnaissance Survey for the Proposed Expansion of Yard L, Iowa Army Ammunition Plant, Flint River Township, Des Moines County, Iowa. BCA 2122. Bear Creek Archeology, Cresco, Iowa.<br><br>





**Topographic coverage of 13DM1322.**



**Scale map of 13DM1322.**

APPENDIX E  
Site Inventory Forms

# Iowa Site Inventory Form

State Historic Preservation Office

(July 2014)

State Inventory Number: 29-03768 ☒ New ☐ Supplemental

9-Digit SHPO Review & Compliance (R&C) Number: \_\_\_\_\_

☐ Non-extant Year: \_\_\_\_\_

**Read the Iowa Site Inventory Form Instructions carefully, to ensure accuracy and completeness before completing this form. The instructions are available on our website: <http://www.iowahistory.org/historic-preservation/statewide-inventory-and-collections/iowa-site-inventory-form.html>**

## • Property Name

A) Historic name: Iowa Army Ammunition Plant, Heavy Equipment Shops

B) Other names: \_\_\_\_\_

## • Location

A) Street address: \_\_\_\_\_

B) City or town: \_\_\_\_\_ (☐ Vicinity) County: Des Moines

C) Legal description:

Rural: Township Name: Flint River Township No.: 70N Range No.: 3W Section: 32 Quarter: NE Quarter: \_\_\_\_\_

Urban: Subdivision: \_\_\_\_\_ Block(s): \_\_\_\_\_ Lot(s): \_\_\_\_\_

## • Classification

A) Property category: *Check only one*

- ☒ Building(s)  
☐ District  
☐ Site  
☐ Structure  
☐ Object

B) Number of resources (within property):

*If eligible property, enter number of:*

Contributing Noncontributing

5 Buildings \_\_\_\_\_

\_\_\_\_\_ Sites \_\_\_\_\_

\_\_\_\_\_ Structures \_\_\_\_\_

6 Objects \_\_\_\_\_

11 Total \_\_\_\_\_

*If non-eligible property, enter number of:*

\_\_\_\_\_ Buildings

\_\_\_\_\_ Sites

\_\_\_\_\_ Structures

\_\_\_\_\_ Objects

\_\_\_\_\_ Total

C) For properties listed in the National Register:

National Register status: ☐ Listed ☐ De-listed ☐ NHL ☐ NPS DOE

D) For properties within a historic district:

- ☐ Property contributes to a National Register or local certified historic district.  
☒ Property contributes to a potential historic district, based on professional historic/architectural survey and evaluation.  
☐ Property *does not* contribute to the historic district in which it is located.

Historic district name: Iowa Army Ammunition Plant Historic district site inventory number: \_\_\_\_\_

E) Name of related project report or multiple property study, if applicable:

MPD title

Blikre 2015 see continuation form

Historical Architectural Data Base #  
29-037

## • Function or Use *Enter categories (codes and terms) from the Iowa Site Inventory Form Instructions*

A) Historic functions

12C military facility

14A08 rail-related shops

\_\_\_\_\_

B) Current functions

12C military facility

14A08 rail-related shops

\_\_\_\_\_

## • Description *Enter categories (codes and terms) from the Iowa Site Inventory Form Instructions*

A) Architectural classification

01 No Style

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

B) Materials: variable

Foundation (visible exterior): \_\_\_\_\_

Walls (visible exterior): 05 METAL

Roof: \_\_\_\_\_

Other: \_\_\_\_\_

C) Narrative description ☒ SEE CONTINUATION SHEETS, WHICH MUST BE COMPLETED

• **Statement of Significance**

**A) Applicable National Register Criteria:** Mark your opinion of eligibility after applying relevant National Register criteria

Criterion A: Property is associated with significant events. ☒ Yes ☐ No ☐ More research recommended  
 Criterion B: Property is associated with the lives of significant persons. ☐ Yes ☐ No ☒ More research recommended  
 Criterion C: Property has distinctive architectural characteristics. ☐ Yes ☐ No ☒ More research recommended  
 Criterion D: Property yields significant information in archaeology/history. ☐ Yes ☐ No ☒ More research recommended

**B) Special criteria considerations:** Mark any special considerations; leave blank if none

☐ A: Owned by a religious institution or used for religious purposes. ☐ E: A reconstructed building, object, or structure.  
☐ B: Removed from its original location. ☐ F: A commemorative property.  
☐ C: A birthplace or grave. ☐ G: Property less than 50 years of age or  
☐ D: A cemetery achieved significance within the past 50 years.

**C) Areas of significance**

Enter categories from instructions

23 MILITARY

**D) Period(s) of significance**

World War II

Cold War

**E) Significant dates**

Construction date

1941 ☐ check if circa or estimated date

Other dates, including renovations

**F) Significant person**

Complete if Criterion B is marked above

**G) Cultural affiliation**

Complete if Criterion D is marked above

**H) Architect/Builder**

Architect

Builder/contractor

**I) Narrative statement of significance** ☒ SEE CONTINUATION SHEETS, WHICH MUST BE COMPLETED

• **Bibliography** ☒ See continuation sheets for the list research sources used in preparing this form

• **Geographic Data** Optional UTM references ☐ See continuation sheet for additional UTM or comments

Zone	Easting	Northing	NAD	Zone	Easting	Northing	NAD
1				2			
3				4			

• **Form Preparation**

Name and Title: Lowell Blikre, Principal Investigator

Date: 3/30/15

Organization/firm: Bear Creek Archeology, Inc.

E-mail: bca@bearcreekarcheology.com

Street address: PO Box 347

Telephone: 563-347-4545

City or Town: Cresco

State: IA

Zip code: 52136

• **ADDITIONAL DOCUMENTATION** Submit the following items with the completed form

**A) For all properties, attach the following, as specified in the Iowa Site Inventory Form Instructions:**

1. Map of property's location within the community.
2. Glossy color 4x6 photos labeled on back with property/building name, address, date taken, view shown, and unique photo number.
3. Photo key showing each photo number on a map and/or floor plan, using arrows next to each photo number to indicate the location and directional view of each photograph.
4. Site plan of buildings/structures on site, identifying boundaries, public roads, and building/structure footprints.

**B) For State Historic Tax Credit Part 1 Applications, historic districts and farmsteads, and barns:**

See lists of special requirements and attachments in the Iowa Site Inventory Form Instructions.

**State Historic Preservation Office (SHPO) Use Only Below This Line**

The SHPO has reviewed the Site Inventory and concurs with above survey opinion on National Register eligibility:

☐ Yes ☐ No ☐ More research recommended  
☐ This is a locally designated property or part of a locally designated district.

Comments:

SHPO authorized signature: \_\_\_\_\_ Date: \_\_\_\_\_



**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03768  
Related District Number:

Page 1

Iowa Army Ammunition Plant, Heavy Equipment Shops  
Name of Property

Des Moines  
County

Address

City

The heavy equipment shops area includes the previously recorded Iowa Army Ammunition Plant car barn (29-03463). The front of the car barn is brick-clad and contains office space. The larger back (south) portion consists of two large repair facilities for the trains that transport much of the material on the plant. The exterior walls of the repair facilities are currently covered by metal siding, but the original walls are still underneath. Also present on site are two large Quonset huts and a metal sided shed. Much of the yard is composed of railroad track, switches, and parking area. Using the aerial imagery, the metal shed a little south of the main car barn was built between 1994 and 2002 and the two Quonset huts were built between 1963 and 1969.

The car barn and the heavy equipment shops have been and continue to be important properties within the IAAAP. This area is used to service the train engines and cars that transport materials throughout the plant. The IAAAP car barn (29-03463) and the encompassing heavy equipment shops are recommended to be National Register of Historic Places eligible as contributing properties to a potential historic district that would consist of the entire IAAAP.

Blikre, Lowell

2015 *Intensive Phase I Cultural Resource Survey, Geomorphological Assessment, and Architectural and Historical Reconnaissance Survey for the Proposed Expansion of Yard L, Iowa Army Ammunition Plant, Flint River Township, Des Moines, Iowa.* BCA 2122. Bear Creek Archeology, Inc., Cresco, Iowa.

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03768  
Related District Number:

Page 2

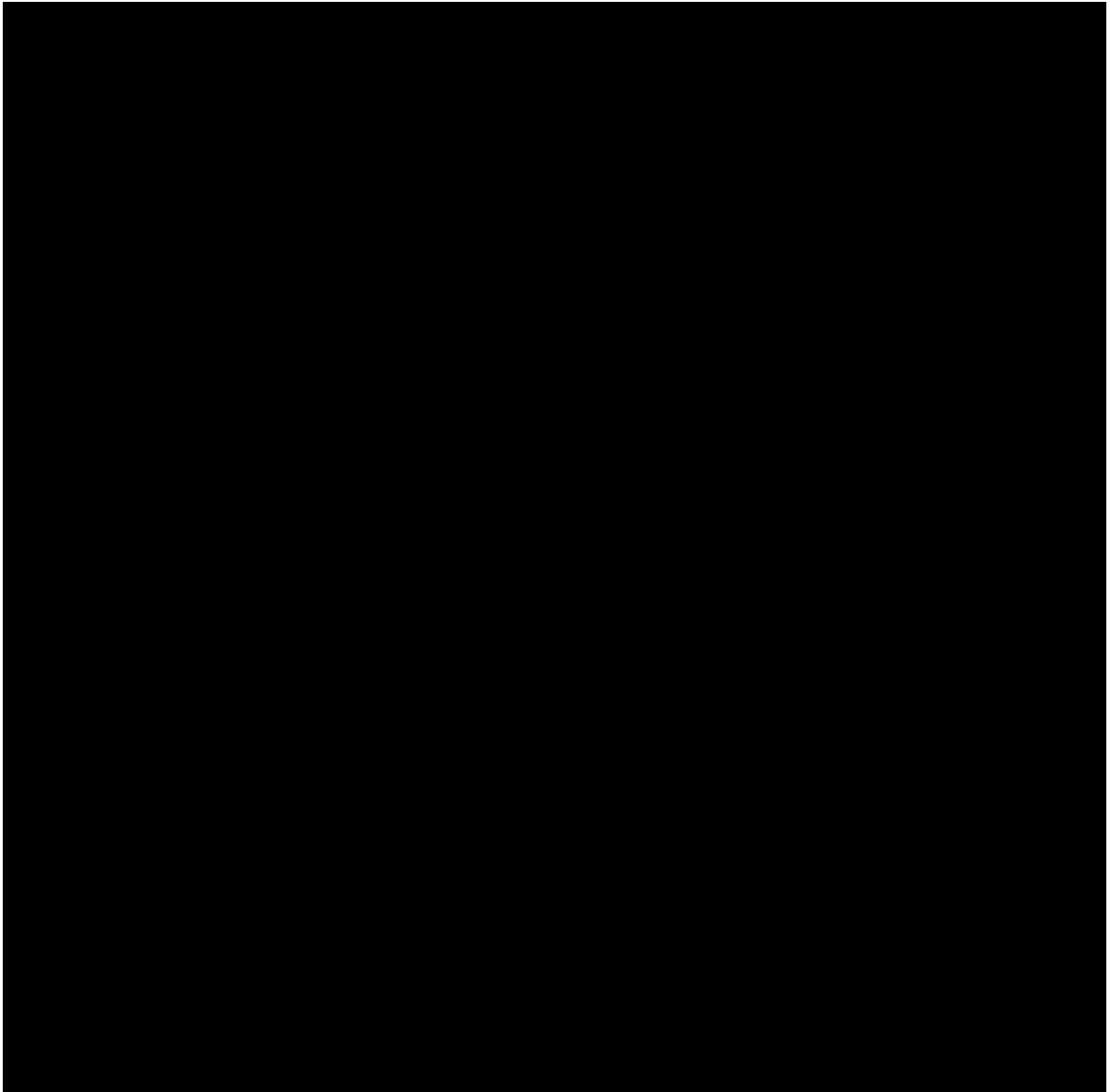
Iowa Army Ammunition Plant, Heavy Equipment Shops  
Name of Property

Des Moines  
County

Address

City

Information regarding the location, character, or ownership of historic resources withheld pursuant to National Historic Preservation Act, Section 304, and Advisory Council on Historic Preservation regulations at 10 CFR 800.11(c).



**Location of the property.**

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03768  
Related District Number:

Page 3

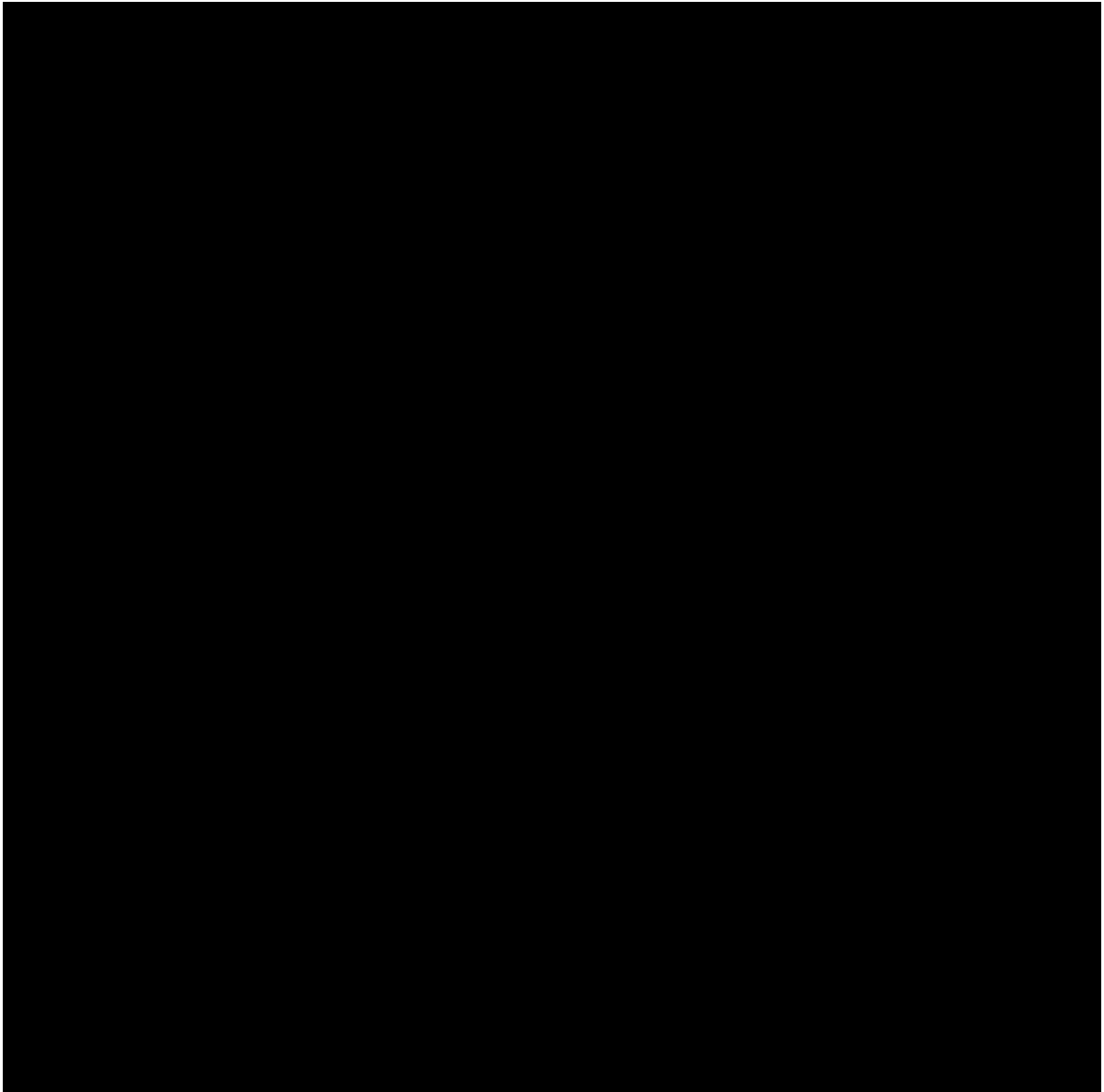
Iowa Army Ammunition Plant, Heavy Equipment Shops  
Name of Property

Des Moines  
County

Address

City

Information regarding the location, character, or ownership of historic resources withheld pursuant to National Historic Preservation Act, Section 304, and Advisory Council on Historic Preservation regulations at 10 CFR 800.11(c).



**Scale map of the property.**

**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03768  
Related District Number:

Page 4

Iowa Army Ammunition Plant, Heavy Equipment Shops  
Name of Property

Des Moines  
County

Address

City



**Oblique aerial photograph of the IAAAP heavy equipment shops (29-03768) with the car barn (29-03463) on the left. View to the east (4/4/13), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**

**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03768  
Related District Number:

Page 5

Iowa Army Ammunition Plant, Heavy Equipment Shops  
Name of Property

Des Moines  
County

Address

City



**Oblique aerial photograph of the IAAAP heavy equipment shops (29-03768) with the car barn (29-03463) in front. View to the south (3/11/12), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**



**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03768  
Related District Number:

Page 6

Iowa Army Ammunition Plant, Heavy Equipment Shops  
Name of Property

Des Moines  
County

Address

City



**Photograph of the car barn (29-03463) in the northern portion of the IAAAP heavy equipment shops (29-03768). View to the southeast (3/17/15).**



**Photograph of Quonset huts in the IAAAP heavy equipment shops property (29-03768). View to the south-southeast (3/17/15).**



# Iowa Site Inventory Form

## State Historic Preservation Office

(July 2014)

State Inventory Number: 29-03769 ☒ New ☐ Supplemental

9-Digit SHPO Review & Compliance (R&C) Number: \_\_\_\_\_

☐ Non-extant Year: \_\_\_\_\_

**Read the Iowa Site Inventory Form Instructions carefully, to ensure accuracy and completeness before completing this form. The instructions are available on our website: <http://www.iowahistory.org/historic-preservation/statewide-inventory-and-collections/iowa-site-inventory-form.html>**

### • Property Name

A) Historic name: Iowa Army Ammunition Plant, Yard L

B) Other names: \_\_\_\_\_

### • Location

A) Street address: \_\_\_\_\_

B) City or town: \_\_\_\_\_ (☒ Vicinity) County: Des Moines

C) Legal description:

Rural: Township Name: Flint River Township No.: 70N Range No.: 3W Section: 31 & 32 Quarter: \_\_\_\_\_ Quarter: \_\_\_\_\_

Urban: Subdivision: \_\_\_\_\_ Block(s): \_\_\_\_\_ Lot(s): \_\_\_\_\_

### • Classification

A) Property category: *Check only one*

- ☒ Building(s)  
☐ District  
☐ Site  
☐ Structure  
☐ Object

B) Number of resources (within property):

*If eligible property, enter number of:*

Contributing Noncontributing

33 Buildings \_\_\_\_\_

\_\_\_\_\_ Sites \_\_\_\_\_

\_\_\_\_\_ Structures \_\_\_\_\_

\_\_\_\_\_ Objects \_\_\_\_\_

33 Total \_\_\_\_\_

*If non-eligible property,*

*enter number of:*

\_\_\_\_\_ Buildings

\_\_\_\_\_ Sites

\_\_\_\_\_ Structures

\_\_\_\_\_ Objects

\_\_\_\_\_ Total

C) For properties listed in the National Register:

National Register status: ☐ Listed ☐ De-listed ☐ NHL ☐ NPS DOE

D) For properties within a historic district:

- ☐ Property contributes to a National Register or local certified historic district.  
☒ Property contributes to a potential historic district, based on professional historic/architectural survey and evaluation.  
☐ Property *does not* contribute to the historic district in which it is located.

Historic district name: Iowa Army Ammunition Plant Historic district site inventory number: \_\_\_\_\_

E) Name of related project report or multiple property study, if applicable:

MPD title

Blikre 2015 see continuation form

Historical Architectural Data Base #

29-037

### • Function or Use *Enter categories (codes and terms) from the Iowa Site Inventory Form Instructions*

A) Historic functions

12C military facility

10G01 warehouse

\_\_\_\_\_

B) Current functions

12C military facility

10G01 warehouse

\_\_\_\_\_

### • Description *Enter categories (codes and terms) from the Iowa Site Inventory Form Instructions*

A) Architectural classification

01 No Style

09D01 Gable roof

\_\_\_\_\_

\_\_\_\_\_

B) Materials

Foundation (visible exterior): 10B poured concrete

Walls (visible exterior): 05F steel

Roof: 05F steel and 08A asphalt shingle

Other: \_\_\_\_\_

C) Narrative description ☒ SEE CONTINUATION SHEETS, WHICH MUST BE COMPLETED

• **Statement of Significance**

**A) Applicable National Register Criteria:** Mark your opinion of eligibility after applying relevant National Register criteria

- Criterion A: Property is associated with significant events. ☒ Yes ☐ No ☐ More research recommended  
 Criterion B: Property is associated with the lives of significant persons. ☐ Yes ☐ No ☒ More research recommended  
 Criterion C: Property has distinctive architectural characteristics. ☐ Yes ☐ No ☒ More research recommended  
 Criterion D: Property yields significant information in archaeology/history. ☐ Yes ☐ No ☒ More research recommended

**B) Special criteria considerations:** Mark any special considerations; leave blank if none

- ☐ A: Owned by a religious institution or used for religious purposes. ☐ E: A reconstructed building, object, or structure.  
☐ B: Removed from its original location. ☐ F: A commemorative property.  
☐ C: A birthplace or grave. ☐ G: Property less than 50 years of age or  
☐ D: A cemetery achieved significance within the past 50 years.

**C) Areas of significance**

Enter categories from instructions

23 MILITARY

**D) Period(s) of significance**

World War II

Cold War

**E) Significant dates**

Construction date

1941 ☐ check if circa or estimated date

Other dates, including renovations

**F) Significant person**

Complete if Criterion B is marked above

**G) Cultural affiliation**

Complete if Criterion D is marked above

**H) Architect/Builder**

Architect

Builder/contractor

**I) Narrative statement of significance** ☒ SEE CONTINUATION SHEETS, WHICH MUST BE COMPLETED

• **Bibliography** ☒ See continuation sheets for the list research sources used in preparing this form

• **Geographic Data** Optional UTM references ☐ See continuation sheet for additional UTM or comments

Zone	Easting	Northing	NAD	Zone	Easting	Northing	NAD
1				2			
3				4			

• **Form Preparation**

Name and Title: Lowell Blikre, Principal Investigator

Date: 3/30/15

Organization/firm: Bear Creek Archeology, Inc.

E-mail: bca@bearcreekarcheology.com

Street address: PO Box 347

Telephone: 563-347-4545

City or Town: Cresco

State: IA

Zip code: 52136

• **ADDITIONAL DOCUMENTATION** Submit the following items with the completed form

**A) For all properties, attach the following, as specified in the Iowa Site Inventory Form Instructions:**

1. Map of property's location within the community.
2. Glossy color 4x6 photos labeled on back with property/building name, address, date taken, view shown, and unique photo number.
3. Photo key showing each photo number on a map and/or floor plan, using arrows next to each photo number to indicate the location and directional view of each photograph.
4. Site plan of buildings/structures on site, identifying boundaries, public roads, and building/structure footprints.

**B) For State Historic Tax Credit Part 1 Applications, historic districts and farmsteads, and barns:**

See lists of special requirements and attachments in the Iowa Site Inventory Form Instructions.

**State Historic Preservation Office (SHPO) Use Only Below This Line**

The SHPO has reviewed the Site Inventory and concurs with above survey opinion on National Register eligibility:

- ☐ Yes ☐ No ☐ More research recommended  
☐ This is a locally designated property or part of a locally designated district.

Comments:

SHPO authorized signature:

Date:

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03769  
Related District Number:

Page 1

Iowa Army Ammunition Plant, Yard L  
Name of Property

Des Moines  
County

Address

City

At the time it was recorded, the IAAAP Yard L consists of 33 long narrow warehouse buildings. These buildings are 152 m (500 ft) long by 15 m (50 ft) wide. These warehouse buildings are divided into three primary groups. In the southern portion of the yard are two groupings of 13 buildings each. The long axes of these buildings are oriented east-west. The northern group contains seven buildings that are oriented southeast-northwest. A 34<sup>th</sup> building with the same dimensions was present in the north grouping, but all that currently remains at this location is a cement foundation pad. The nonextant building burned down on October 13, 1992 (Joseph Haffner personal communication, April 21, 2015). Railroad tracks run between the buildings along the same orientation as the long axes of the buildings and a grid-work of gravel roads also connect the buildings and the building groups. The warehouse buildings have multiple entries of differing styles and sizes and loading docks are present on the fronts of the buildings. Most of the windows are glass block and the exterior walls are painted metal. The roofs are also metal, but some now have a covering of asphalt shingles. Yard L was built in 1941 as part of the initial plant construction. Based on an examination of aerial photographs, with the exception of the removal of one of the storage buildings, the configuration of Yard L is the same as it was in 1963. The earlier 1951 aerial photograph is not available for examination.

Yard L is a storage facility on the IAAAP that is scheduled for expansion. Although there have been some alterations to Yard L, for instance the removal of one of the buildings, it continues to retain its historic characteristics. The IAAAP Yard L is recommended to be National Register of Historic Places eligible as a contributing property to a potential historic district that would consist of the entire IAAAP.

Blikre, Lowell

2015 *Intensive Phase I Cultural Resource Survey, Geomorphological Assessment, and Architectural and Historical Reconnaissance Survey for the Proposed Expansion of Yard L, Iowa Army Ammunition Plant, Flint River Township, Des Moines, Iowa*. BCA 2122. Bear Creek Archeology, Inc., Cresco, Iowa.

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03769  
Related District Number:

Page 2

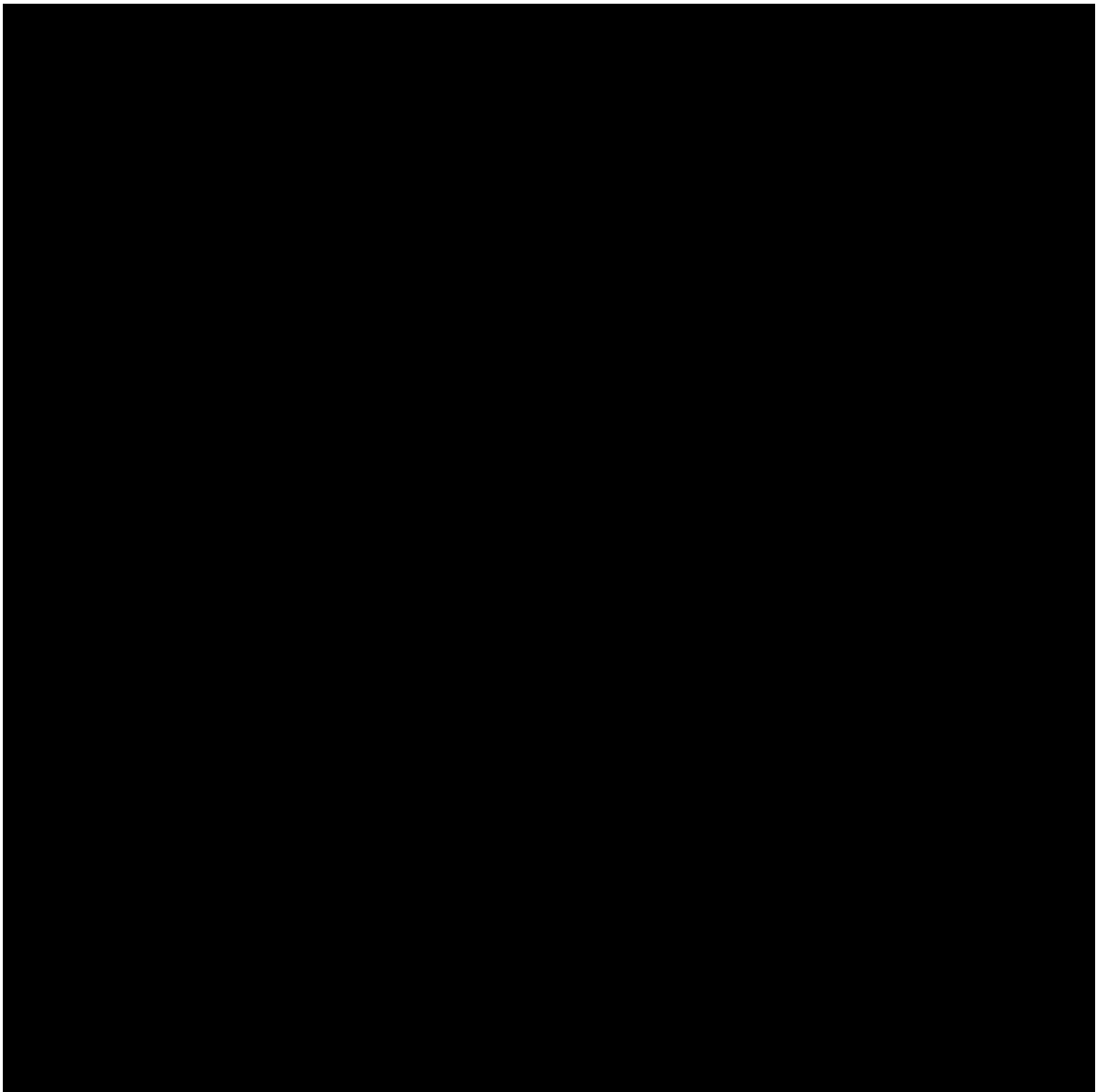
Iowa Army Ammunition Plant, Yard L  
Name of Property

Des Moines  
County

Address

City

Information regarding the location, character, or ownership of historic resources withheld pursuant to National Historic Preservation Act, Section 304, and Advisory Council on Historic Preservation regulations at 10 CFR 800.11(c).



**Location of the property.**

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03769  
Related District Number:

Page 3

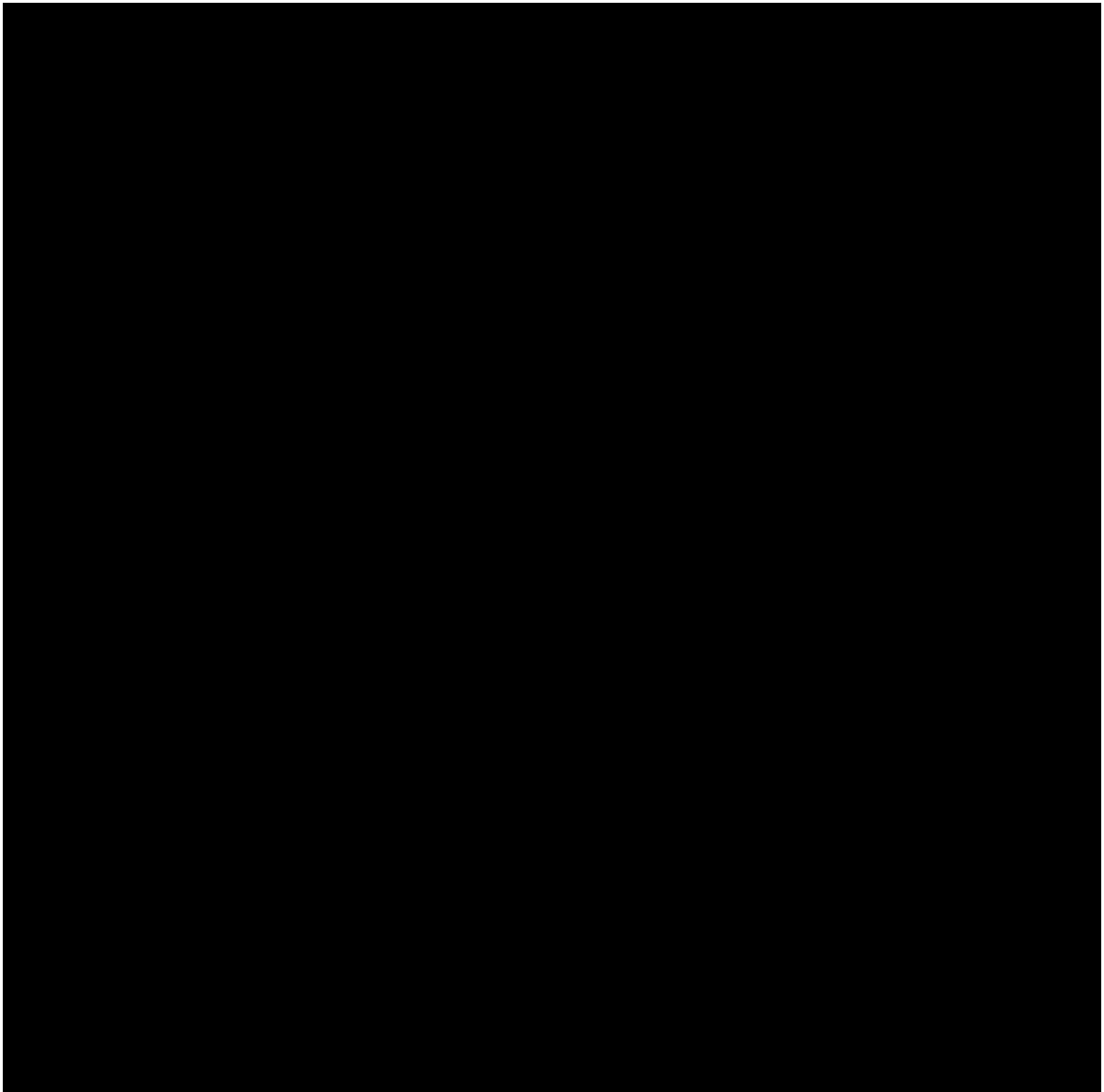
Iowa Army Ammunition Plant, Yard L  
Name of Property

Des Moines  
County

Address

City

Information regarding the location, character, or ownership of historic resources withheld pursuant to National Historic Preservation Act, Section 304, and Advisory Council on Historic Preservation regulations at 10 CFR 800.11(c).



**Scale map of the property.**

**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03769  
Related District Number:

Page 4

Iowa Army Ammunition Plant, Yard L  
Name of Property

Des Moines  
County

Address

City



**Oblique aerial photograph of the IAAAP Yard L (29-03769). View to the south (3/17/09), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**



**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03769  
Related District Number:

Page 5

Iowa Army Ammunition Plant, Yard L  
Name of Property

Des Moines  
County

Address

City



**Oblique aerial photograph of the IAAAP Yard L (29-03769). View to the west (3/10/12), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**



**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03769  
Related District Number:

Page 6

Iowa Army Ammunition Plant, Yard L  
Name of Property

Des Moines  
County

Address

City



**Photograph of Yard L (29-03769) showing railroad lines with orange train car on right. View to the northwest (3/17/15).**



**Photograph of Yard L (29-03769) showing warehouses and gravel roads. View to the north (3/17/15).**

**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03769  
Related District Number:

Page 7

Iowa Army Ammunition Plant, Yard L  
Name of Property

Des Moines  
County

Address

City



**Photograph of the front of a warehouse in Yard L (29-03769) with loading dock. View to the north (3/17/15).**



**Photograph of the back of a warehouse in Yard L (29-03769). View to the southwest (3/18/15).**

**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03769  
Related District Number:

Page 8

Iowa Army Ammunition Plant, Yard L  
Name of Property

Des Moines  
County

Address

City



**Photograph of the side of two warehouses in Yard L (29-03769).  
View to the northeast (3/17/15).**

# Iowa Site Inventory Form

## State Historic Preservation Office

(July 2014)

State Inventory Number: 29-03770 ☒ New ☐ Supplemental

9-Digit SHPO Review & Compliance (R&C) Number: \_\_\_\_\_

☐ Non-extant Year: \_\_\_\_\_

**Read the Iowa Site Inventory Form Instructions carefully, to ensure accuracy and completeness before completing this form. The instructions are available on our website: <http://www.iowahistory.org/historic-preservation/statewide-inventory-and-collections/iowa-site-inventory-form.html>**

### • Property Name

A) Historic name: Iowa Army Ammunition Plant, Line 1

B) Other names: \_\_\_\_\_

### • Location

A) Street address: \_\_\_\_\_

B) City or town: \_\_\_\_\_ (☐ Vicinity) County: Des Moines

C) Legal description:

Rural: Township Name: Flint River Township No.: 70N Range No.: 3W Section: 32 Quarter: \_\_\_\_\_ Quarter: \_\_\_\_\_

Urban: Subdivision: \_\_\_\_\_ Block(s): \_\_\_\_\_ Lot(s): \_\_\_\_\_

### • Classification

A) Property category: *Check only one*

- ☒ Building(s)
- ☐ District
- ☐ Site
- ☐ Structure
- ☐ Object

B) Number of resources (within property): Many eligible, not counted

*If eligible property, enter number of:*

Contributing Noncontributing

—	Buildings	—
—	Sites	—
—	Structures	—
—	Objects	—
—	<b>Total</b>	—

*If non-eligible property, enter number of:*

—	Buildings
—	Sites
—	Structures
—	Objects
—	<b>Total</b>

C) For properties listed in the National Register:

National Register status: ☐ Listed ☐ De-listed ☐ NHL ☐ NPS DOE

D) For properties within a historic district:

- ☐ Property contributes to a National Register or local certified historic district.
- ☒ Property contributes to a potential historic district, based on professional historic/architectural survey and evaluation.
- ☐ Property *does not* contribute to the historic district in which it is located.

Historic district name: Iowa Army Ammunition Plant Historic district site inventory number: \_\_\_\_\_

E) Name of related project report or multiple property study, if applicable:

MPD title

Blikre 2015 see continuation form

Historical Architectural Data Base #  
29-037

### • Function or Use *Enter categories (codes and terms) from the Iowa Site Inventory Form Instructions*

A) Historic functions

12C military facility

10A manufacturing facility

\_\_\_\_\_

B) Current functions

12C military facility

10A manufacturing facility

\_\_\_\_\_

### • Description *Enter categories (codes and terms) from the Iowa Site Inventory Form Instructions*

A) Architectural classification

01 No Style

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

B) Materials: variable

Foundation (visible exterior): \_\_\_\_\_

Walls (visible exterior): \_\_\_\_\_

Roof: \_\_\_\_\_

Other: \_\_\_\_\_

C) Narrative description ☒ SEE CONTINUATION SHEETS, WHICH MUST BE COMPLETED

Site Number: 29-03770 Address:

City:

County: Des Moines District Number:

## • Statement of Significance

**A) Applicable National Register Criteria:** Mark your opinion of eligibility after applying relevant National Register criteria

Criterion A: Property is associated with significant events.

☒ Yes ☐ No ☐ More research recommended

Criterion B: Property is associated with the lives of significant persons.

☐ Yes ☐ No ☒ More research recommended

Criterion C: Property has distinctive architectural characteristics.

☐ Yes ☐ No ☒ More research recommended

Criterion D: Property yields significant information in archaeology/history.

☐ Yes ☐ No ☒ More research recommended

**B) Special criteria considerations:** Mark any special considerations; leave blank if none

☐ A: Owned by a religious institution or used for religious purposes.☐ E: A reconstructed building, object, or structure.☐ B: Removed from its original location.☐ F: A commemorative property.☐ C: A birthplace or grave.☐ G: Property less than 50 years of age or☐ D: A cemetery

achieved significance within the past 50 years.

## C) Areas of significance

Enter categories from instructions

23 MILITARY

## D) Period(s) of significance

World War IICold War

## E) Significant dates

Construction date

1941 ☐ check if circa or estimated date

Other dates, including renovations

## F) Significant person

Complete if Criterion B is marked above

## G) Cultural affiliation

Complete if Criterion D is marked above

## H) Architect/Builder

Architect

Builder/contractor

## I) Narrative statement of significance ☒ SEE CONTINUATION SHEETS, WHICH MUST BE COMPLETED

• **Bibliography** ☒ See continuation sheets for the list research sources used in preparing this form

• **Geographic Data** Optional UTM references ☐ See continuation sheet for additional UTM or comments

Zone	Easting	Northing	NAD	Zone	Easting	Northing	NAD
1				2			
3				4			

## • Form Preparation

Name and Title: Lowell Blikre, Principal InvestigatorDate: 3/30/15Organization/firm: Bear Creek Archeology, Inc.E-mail: bca@bearcreekarcheology.comStreet address: PO Box 347Telephone: 563-347-4545City or Town: CrescoState: IAZip code: 52136

• **ADDITIONAL DOCUMENTATION** Submit the following items with the completed form

**A) For all properties, attach the following, as specified in the Iowa Site Inventory Form Instructions:**

1. Map of property's location within the community.

2. Glossy color 4x6 photos labeled on back with property/building name, address, date taken, view shown, and unique photo number.

3. Photo key showing each photo number on a map and/or floor plan, using arrows next to each photo number to indicate the location and directional view of each photograph.

4. Site plan of buildings/structures on site, identifying boundaries, public roads, and building/structure footprints.

**B) For State Historic Tax Credit Part 1 Applications, historic districts and farmsteads, and barns:**

See lists of special requirements and attachments in the Iowa Site Inventory Form Instructions.

## State Historic Preservation Office (SHPO) Use Only Below This Line

The SHPO has reviewed the Site Inventory and concurs with above survey opinion on National Register eligibility:

☐ Yes ☐ No ☐ More research recommended☐ This is a locally designated property or part of a locally designated district.

Comments:

SHPO authorized signature:

Date:

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03770  
Related District Number:

Page 1

Iowa Army Ammunition Plant, Line 1

Des Moines

Name of Property

County

Address

City

Line 1 is a complex property consisting of multiple buildings, structures, and objects. This property was built in 1941 as part of the initial plant construction. Between 1948 and 1975, the Line 1 facility was involved in the assembly of nuclear weapons and since then has been used for the construction of conventional weapons. Although there have been some modifications to the property, based on an examination of the aerial photographs, the external configuration of most of Line 1 is unchanged since at least 1963 (the IAAAP has been redacted from the 1951 aerial photographs).

Line 1 is an important production facility within the IAAAP that despite continued use, retains its historic feeling and context. The IAAAP Line 1 facility is recommended to be National Register of Historic Places eligible as a contributing property to a potential historic district that would consist of the entire IAAAP.

Blikre, Lowell

2015 *Intensive Phase I Cultural Resource Survey, Geomorphological Assessment, and Architectural and Historical Reconnaissance Survey for the Proposed Expansion of Yard L, Iowa Army Ammunition Plant, Flint River Township, Des Moines, Iowa.* BCA 2122. Bear Creek Archeology, Inc., Cresco, Iowa.



**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03770  
Related District Number:

Page 2

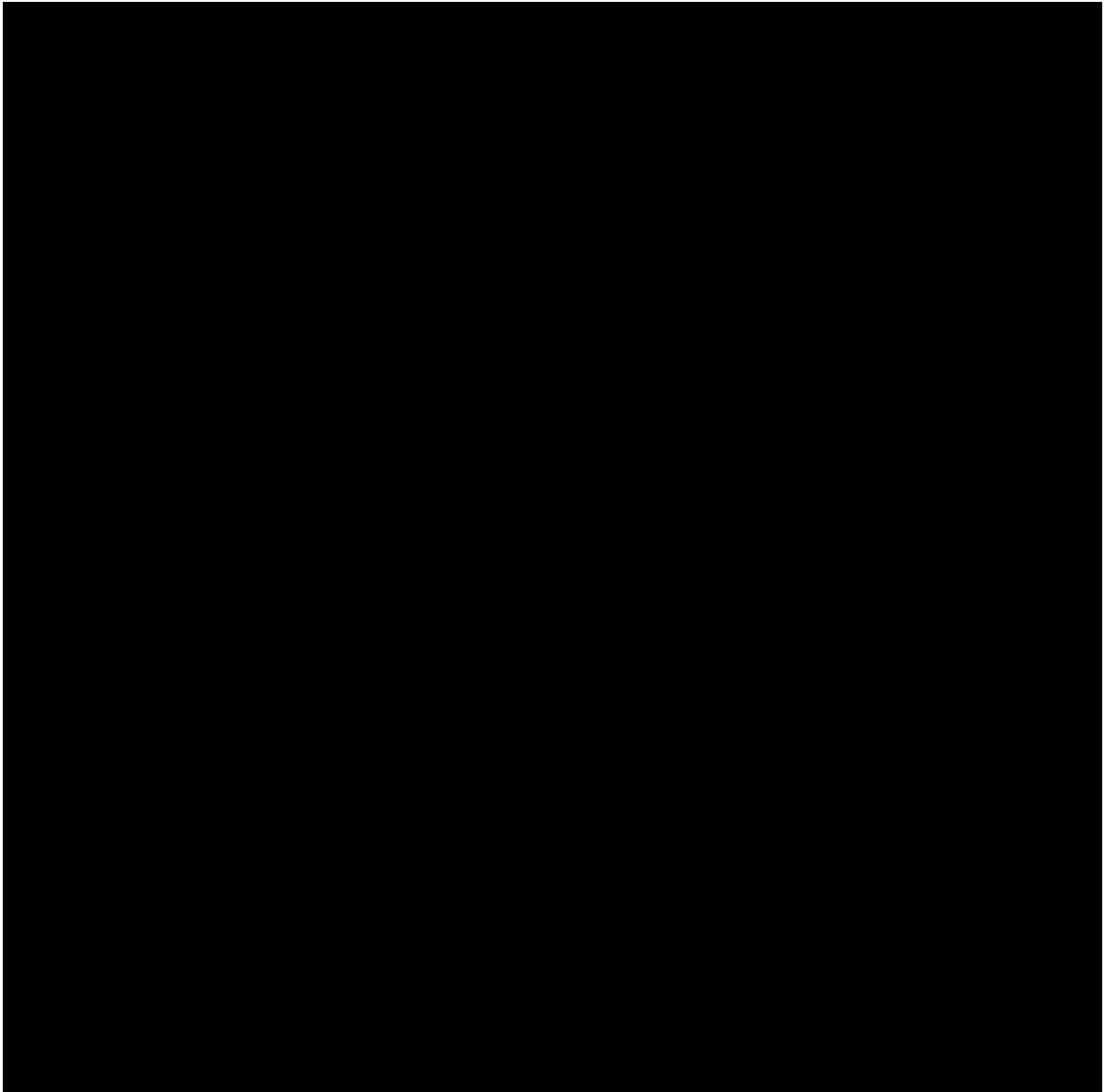
Iowa Army Ammunition Plant, Line 1  
Name of Property

Des Moines  
County

Address

City

Information regarding the location, character, or ownership of historic resources withheld pursuant to National Historic Preservation Act, Section 304, and Advisory Council on Historic Preservation regulations at 10 CFR 800.11(c).



**Location of the property.**

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03770  
Related District Number:

Page 3

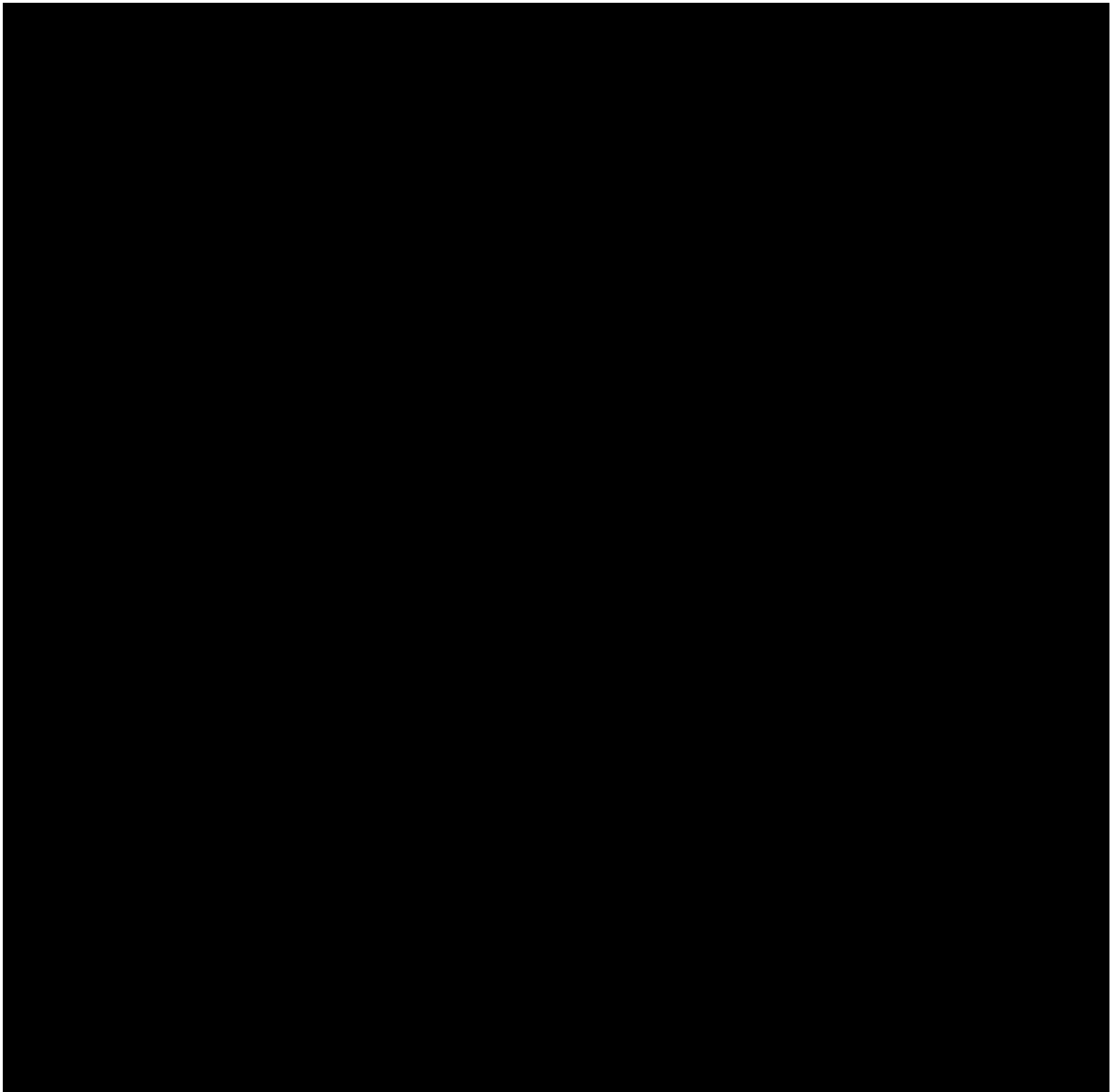
Iowa Army Ammunition Plant, Line 1  
Name of Property

Des Moines  
County

Address

City

Information regarding the location, character, or ownership of historic resources withheld pursuant to National Historic Preservation Act, Section 304, and Advisory Council on Historic Preservation regulations at 10 CFR 800.11(c).



Scale map of the property.



**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03770  
Related District Number:

Page 4

Iowa Army Ammunition Plant, Line 1  
Name of Property

Des Moines  
County

Address

City



**Oblique aerial photograph of the IAAAP Line 1 (29-03770). View to the south (3/17/09), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**

**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03770  
Related District Number:

Page 5

Iowa Army Ammunition Plant, Line 1  
Name of Property

Des Moines  
County

Address

City



**Oblique aerial photograph of the north portion of IAAAP Line 1 (29-03770). View to the north-northeast (4/5/13), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**



**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03770  
Related District Number:

Page 6

Iowa Army Ammunition Plant, Line 1  
Name of Property

Des Moines  
County

Address

City



**Oblique aerial photograph of the south portion of IAAAP Line 1 (29-03770). View to the north-northeast (4/5/13), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**

**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03770  
Related District Number:

Page 7

Iowa Army Ammunition Plant, Line 1  
Name of Property

Des Moines  
County

Address

City



**Photograph of buildings in the east portion of IAAAP Line 1 (29-03770).  
View to the west-southwest (3/17/15).**



**Photograph of buildings in the east portion of IAAAP Line 1 (29-03770).  
View to the west (3/17/15).**

**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03770  
Related District Number:

Page 8

Iowa Army Ammunition Plant, Line 1  
Name of Property

Des Moines  
County

Address

City



**Photograph of the north portion of IAAAP Line 1 (29-03770).  
View to the southeast (3/19/15).**



# Iowa Site Inventory Form

## State Historic Preservation Office

(July 2014)

State Inventory Number: 29-03771 ☒ New ☐ Supplemental

9-Digit SHPO Review & Compliance (R&C) Number: \_\_\_\_\_

☐ Non-extant Year: \_\_\_\_\_

**Read the Iowa Site Inventory Form Instructions carefully, to ensure accuracy and completeness before completing this form. The instructions are available on our website: <http://www.iowahistory.org/historic-preservation/statewide-inventory-and-collections/iowa-site-inventory-form.html>**

### • Property Name

A) Historic name: Rebecca Gray Farmstead

B) Other names: \_\_\_\_\_

### • Location

A) Street address: 10197 165<sup>th</sup> Avenue

B) City or town: West Burlington (☒ Vicinity) County: Des Moines

C) Legal description:

Rural: Township Name: West Burlington Township No. 70 N Range No. 3W Section: 30 Quarter: SE of Quarter: SW

Urban: Subdivision: \_\_\_\_\_ Block(s): \_\_\_\_\_ Lot(s): \_\_\_\_\_

### • Classification

A) Property category: *Check only one*

- ☐ Building(s)  
☒ District  
☐ Site  
☐ Structure  
☐ Object

B) Number of resources (within property):

*If eligible property, enter number of:*

Contributing Noncontributing

—	Buildings	—
—	Sites	—
—	Structures	—
—	Objects	—
—	<b>Total</b>	—

*If non-eligible property, enter number of:*

<u>6</u>	Buildings
—	Sites
—	Structures
—	Objects
<u>6</u>	<b>Total</b>

C) For properties listed in the National Register:

National Register status: ☐ Listed ☐ De-listed ☐ NHL ☐ NPS DOE

D) For properties within a historic district:

- ☐ Property contributes to a National Register or local certified historic district.  
☐ Property contributes to a potential historic district, based on professional historic/architectural survey and evaluation.  
☐ Property *does not* contribute to the historic district in which it is located.

Historic district name: \_\_\_\_\_ Historic district site inventory number: \_\_\_\_\_

E) Name of related project report or multiple property study, if applicable:

MPD title

Blikre 2015 see continuation form

Historical Architectural Data Base #  
29-037

### • Function or Use *Enter categories (codes and terms) from the Iowa Site Inventory Form Instructions*

A) Historic functions

09B01 farmstead

\_\_\_\_\_

\_\_\_\_\_

B) Current functions

09B01 farmstead

\_\_\_\_\_

\_\_\_\_\_

### • Description *Enter categories (codes and terms) from the Iowa Site Inventory Form Instructions*

A) Architectural classification

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

B) Materials

Foundation (visible exterior): \_\_\_\_\_

Walls (visible exterior): \_\_\_\_\_

Roof: \_\_\_\_\_

Other: \_\_\_\_\_

C) Narrative description ☒ SEE CONTINUATION SHEETS, WHICH MUST BE COMPLETED

Site Number: 29-03771 Address: 10197 165<sup>th</sup> Avenue City: West Burlington County: Des Moines District Number:

• **Statement of Significance**

**A) Applicable National Register Criteria:** Mark your opinion of eligibility after applying relevant National Register criteria

Criterion A: Property is associated with significant events.

☐ Yes ☒ No ☐ More research recommended

Criterion B: Property is associated with the lives of significant persons.

☐ Yes ☒ No ☐ More research recommended

Criterion C: Property has distinctive architectural characteristics.

☐ Yes ☒ No ☐ More research recommended

Criterion D: Property yields significant information in archaeology/history.

☐ Yes ☒ No ☐ More research recommended

**B) Special criteria considerations:** Mark any special considerations; leave blank if none

☐ A: Owned by a religious institution or used for religious purposes.

☐ E: A reconstructed building, object, or structure.

☐ B: Removed from its original location.

☐ F: A commemorative property.

☐ C: A birthplace or grave.

☐ G: Property less than 50 years of age or

☐ D: A cemetery

achieved significance within the past 50 years.

**C) Areas of significance**

Enter categories from instructions

01 Agriculture

**D) Period(s) of significance**

**E) Significant dates**

Construction date

1930 ☒ check if circa or estimated date

Other dates, including renovations

**F) Significant person**

Complete if Criterion B is marked above

**G) Cultural affiliation**

Complete if Criterion D is marked above

**H) Architect/Builder**

Architect

Builder/contractor

**I) Narrative statement of significance** ☒ SEE CONTINUATION SHEETS, WHICH MUST BE COMPLETED

• **Bibliography** ☒ See continuation sheets for the list research sources used in preparing this form

• **Geographic Data** Optional UTM references ☐ See continuation sheet for additional UTM or comments

Zone	Easting	Northing	NAD	Zone	Easting	Northing	NAD
1				2			
3				4			

• **Form Preparation**

Name and Title: Lowell Blikre, Principal Investigator

Date: 03/23/2015

Organization/firm: Bear Creek Archeology, Inc.

E-mail: bca@bearcreekarcheology.com

Street address: PO Box 347

Telephone: 563-347-4545

City or Town: Cresco

State: IA

Zip code: 52136

• **ADDITIONAL DOCUMENTATION** Submit the following items with the completed form

**A) For all properties, attach the following, as specified in the Iowa Site Inventory Form Instructions:**

1. Map of property's location within the community.

2. Glossy color 4x6 photos labeled on back with property/building name, address, date taken, view shown, and unique photo number.

3. Photo key showing each photo number on a map and/or floor plan, using arrows next to each photo number to indicate the location and directional view of each photograph.

4. Site plan of buildings/structures on site, identifying boundaries, public roads, and building/structure footprints.

**B) For State Historic Tax Credit Part 1 Applications, historic districts and farmsteads, and barns:**

See lists of special requirements and attachments in the Iowa Site Inventory Form Instructions.

**State Historic Preservation Office (SHPO) Use Only Below This Line**

The SHPO has reviewed the Site Inventory and concurs with above survey opinion on National Register eligibility:

☐ Yes ☐ No ☐ More research recommended

☐ This is a locally designated property or part of a locally designated district.

Comments:

SHPO authorized signature:

Date:

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03771  
Related District Number:

Page 1

Rebecca Gray Farmstead

Des Moines

Name of Property

County

10197 165<sup>th</sup> Avenue

West Burlington

Address

City

Property is a farmstead consisting of a house, a garage, a steel utility building, and three sheds. The house is described in greater detail on a separate form (29-03772). The following information regarding the other buildings was obtained from the website of the Des Moines County Assessor. The attached oblique aerial photographs were obtained from the Des Moines County GIS website.

The house at the Gray farmstead is the only extant building that is over 50 years of age. According to the assessor's data, that house was constructed in 1930. This date is supported by the aerial imagery and county atlases as the farmstead appears on the 1937 aerial photograph, but no residence is plotted on this location in the earlier county atlases.

The 1980 garage is located west of the house with a brick patio between the two buildings. The garage is a single-story front-gable building with double doors that has dimensions of 24 x 28 ft. The double garage doors face the south. The asphalt shingled roof and vinyl siding match the house. The oldest of the extant outbuildings for which there is available data is the steel utility building which was built in 1974. This 40 x 54 ft front-gabled building has galvanized steel walls and roof built onto a pole frame. The building has an earthen floor and skylights are installed into the roof. The building has large sliding double doors that face to the south. The southern portion of the utility building and the adjoining portion of the yard are enclosed by a livestock fence.

A 12 x 20 ft loafing shed, also built in 1980, is located north of the utility building. This building has galvanized steel siding and roof. The east exterior wall contains a sliding steel door and is the highest wall of the building. The loafing shed and the utility building are primarily used for livestock (horses). South of the utility building and west of the garage, is a second shed with a front gable roof. This shed primarily serves as garage space and a large parking pad is immediately north of the building. This metal walled and roofed shed measures 18 x 30 ft and has a large garage door on the east side. This building was constructed in 2005.

A very small shed is located near the middle of the yard south of the garage. This front-gabled building has a south-facing door and appears to be a garden and lawn shed. No data regarding this building is presented on the county assessor's web site. This shed first appears on the 1994 aerial photograph.

This property is recommended to be not eligible for listing to the National Register of Historic Places because only the house is older than 50 years and the house now lacks its historic association.

Blikre, Lowell

2015 *Intensive Phase I Cultural Resource Survey, Geomorphological Assessment, and Architectural and Historical Reconnaissance Survey for the Proposed Expansion of Yard L, Iowa Army Ammunition Plant, Flint River Township, Des Moines, Iowa.* BCA 2122. Bear Creek Archeology, Inc., Cresco, Iowa.



**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03771  
Related District Number:

Page 2

Rebecca Gray Farmstead

Des Moines

Name of Property

County

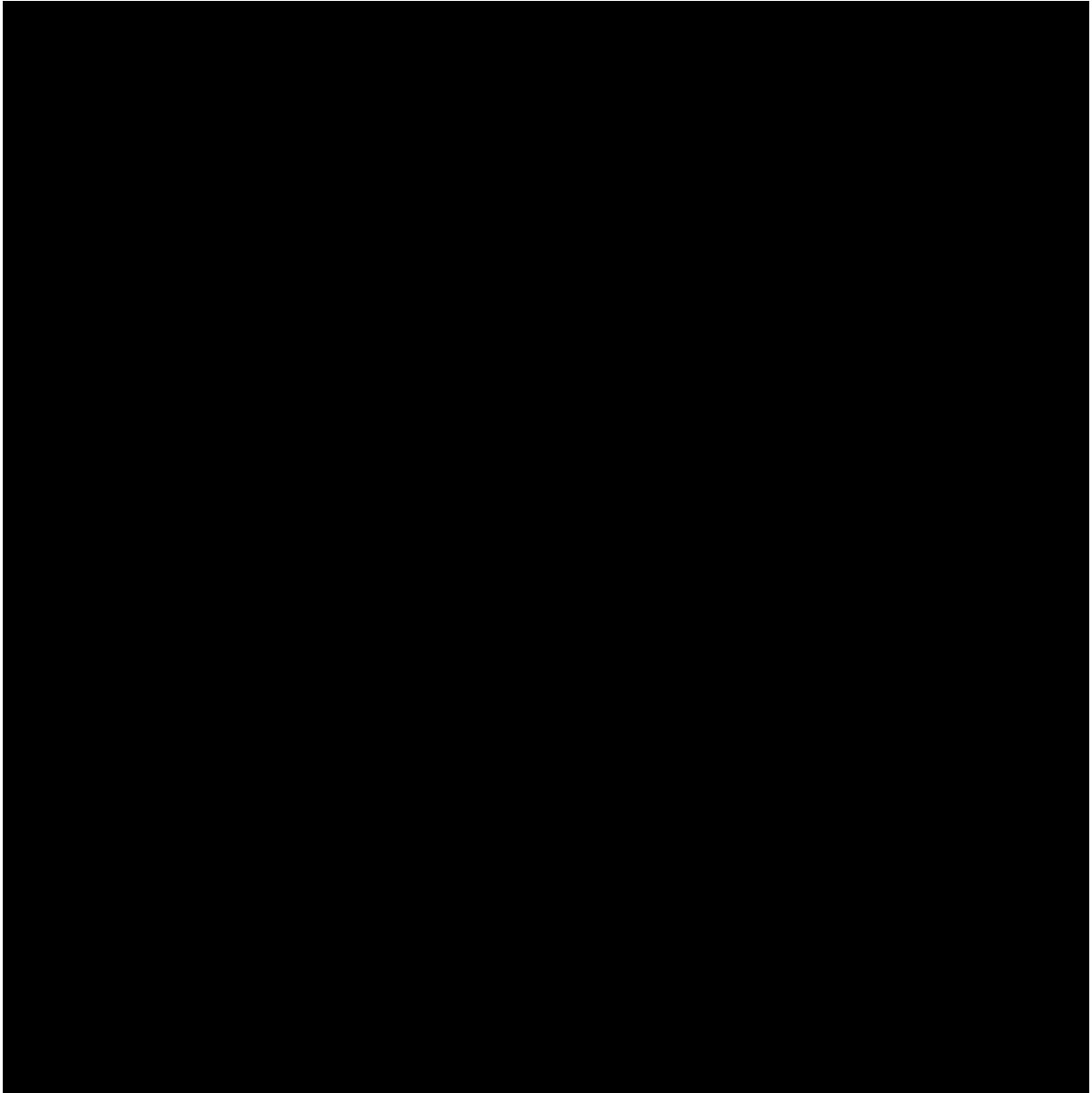
10197 165<sup>th</sup> Avenue

West Burlington

Address

City

Information regarding the location, character, or ownership of historic resources withheld pursuant to National Historic Preservation Act, Section 304, and Advisory Council on Historic Preservation regulations at 10 CFR 800.11(c).



**Location of the property.**

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03771  
Related District Number:

Page 3

Rebecca Gray Farmstead

Des Moines

Name of Property

County

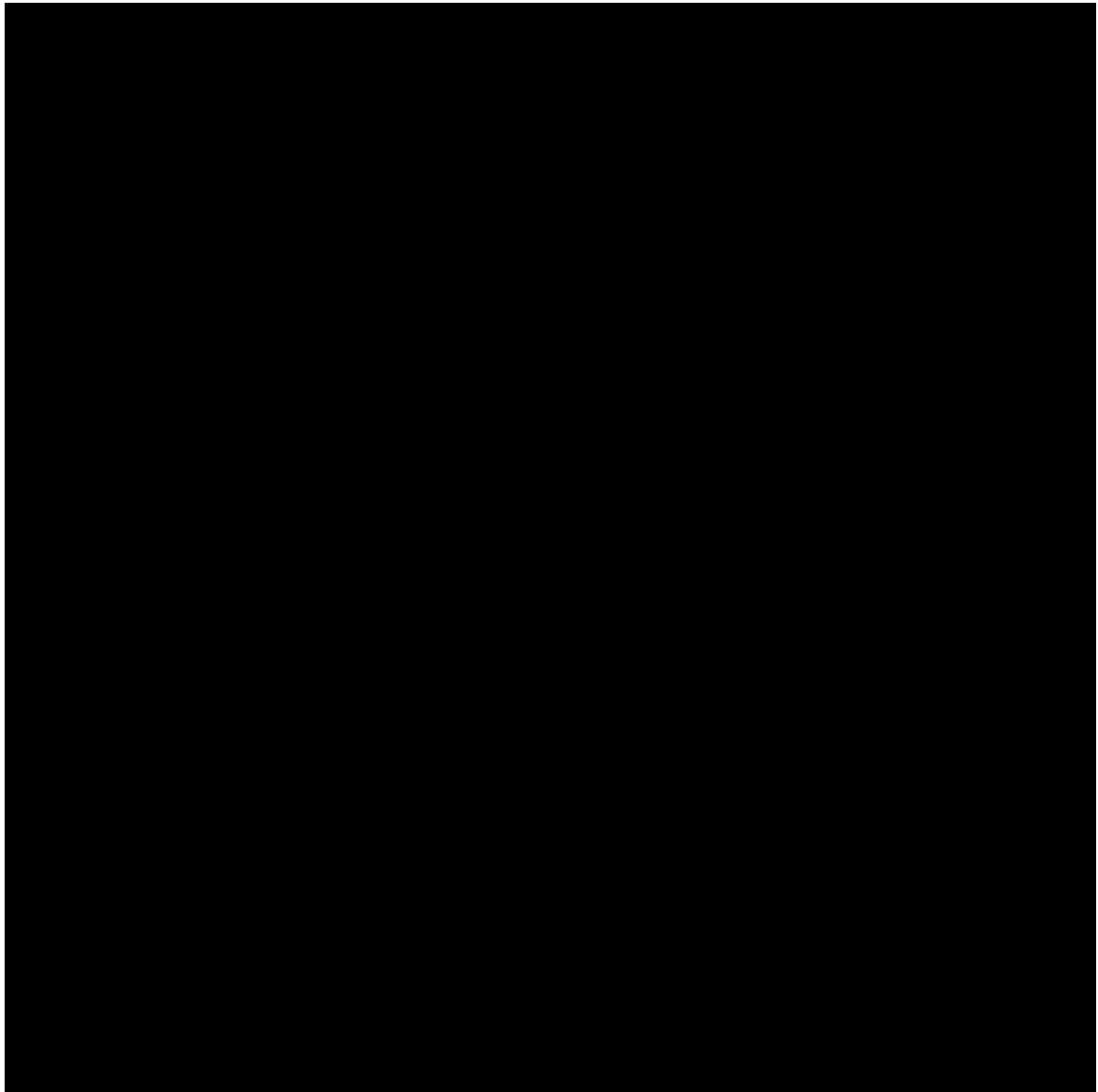
10197 165<sup>th</sup> Avenue

West Burlington

Address

City

Information regarding the location, character, or ownership of historic resources withheld pursuant to National Historic Preservation Act, Section 304, and Advisory Council on Historic Preservation regulations at 10 CFR 800.11(c).



Scale map of the property.

**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03771  
Related District Number:

Page 4

Rebecca Gray Farmstead

Des Moines

Name of Property

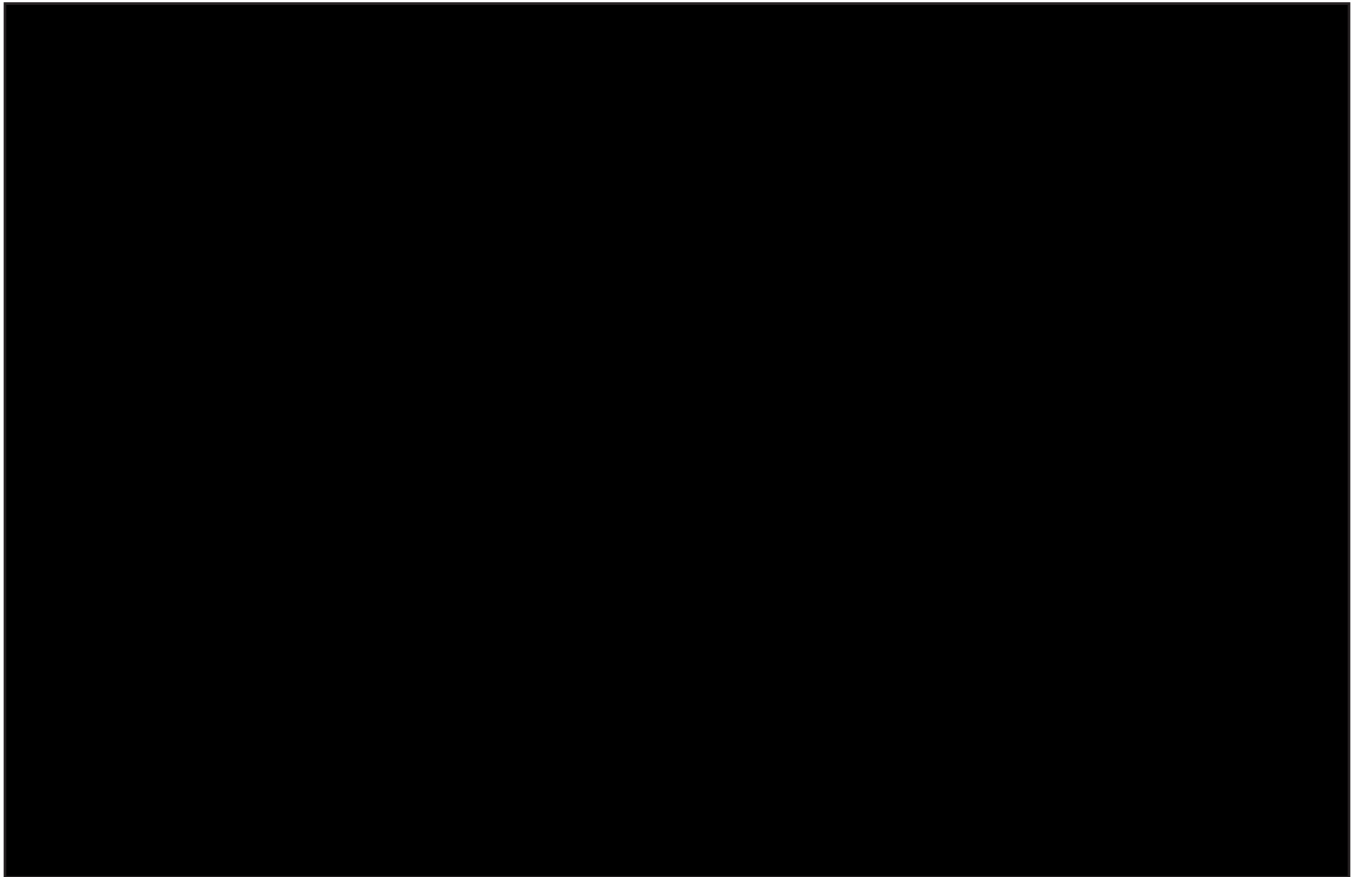
County

10197 165<sup>th</sup> Avenue

West Burlington

Address

City



**Oblique aerial photograph of the R. Gray farmstead (29-03771) and house (29-03772). View to the north-northeast (3/15/12), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**

**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03771  
Related District Number:

Page 5

Rebecca Gray Farmstead

Des Moines

Name of Property

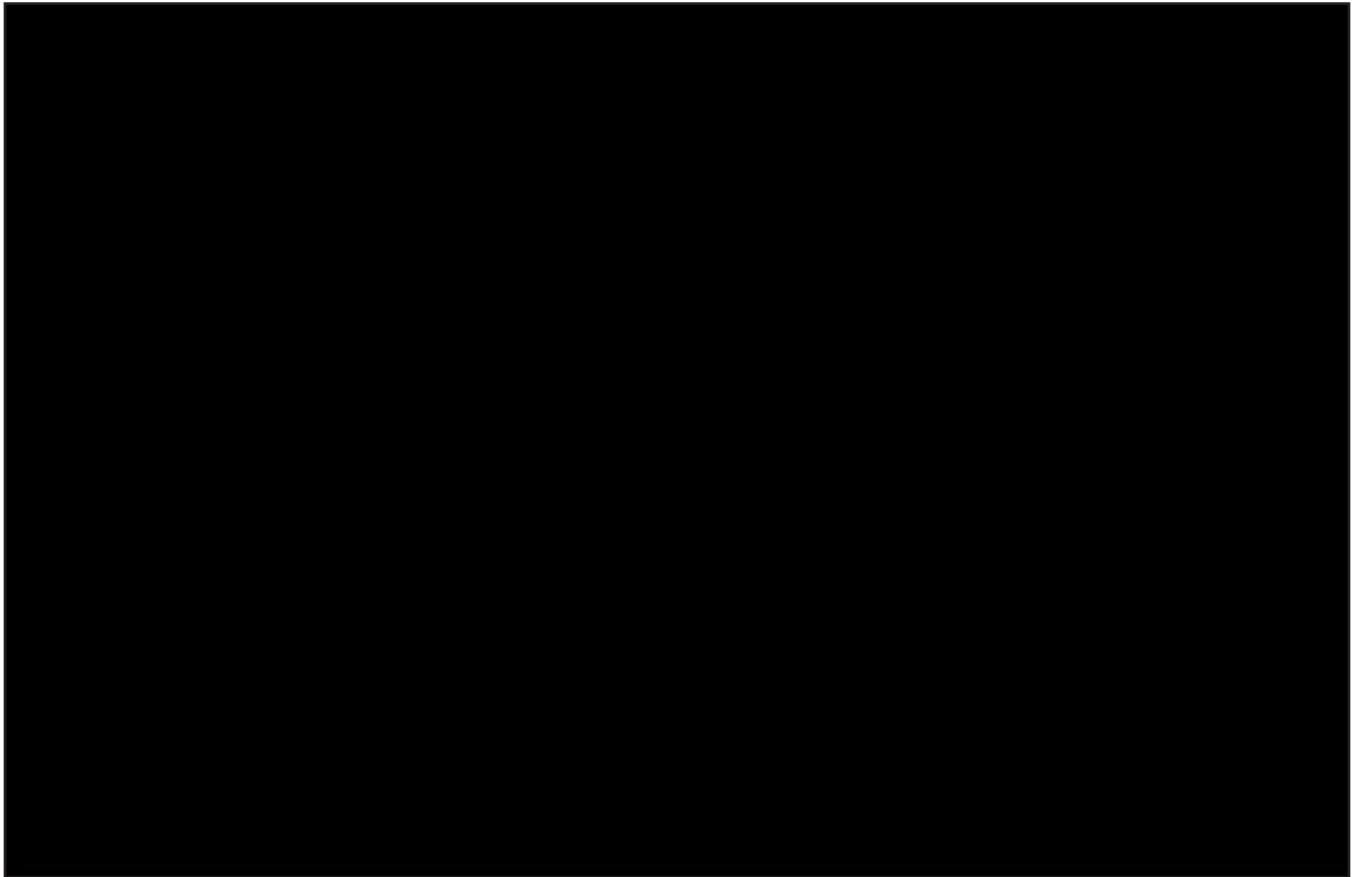
County

10197 165<sup>th</sup> Avenue

West Burlington

Address

City



**Oblique aerial photograph of the R. Gray house (29-03772). View to the west (3/15/12), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**

**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03771  
Related District Number:

Page 6

Rebecca Gray Farmstead  
Name of Property  
10197 165<sup>th</sup> Avenue  
Address

Des Moines  
County  
West Burlington  
City



**Photograph of the R. Gray house (29-03772). View to the north (3/17/15).**



**Photograph of the R. Gray house (29-03772). View to the west, photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**

# Iowa Site Inventory Form

## State Historic Preservation Office

(July 2014)

State Inventory Number: 29-03772 ☒ New ☐ Supplemental

9-Digit SHPO Review & Compliance (R&C) Number: \_\_\_\_\_

☐ Non-extant Year: \_\_\_\_\_

**Read the Iowa Site Inventory Form Instructions carefully, to ensure accuracy and completeness before completing this form. The instructions are available on our website: <http://www.iowahistory.org/historic-preservation/statewide-inventory-and-collections/iowa-site-inventory-form.html>**

### • Property Name

A) Historic name: Rebecca Gray Farm House

B) Other names: \_\_\_\_\_

### • Location

A) Street address: 10197 165<sup>th</sup> Avenue

B) City or town: West Burlington (☒ Vicinity) County: Des Moines

C) Legal description:

Rural: Township Name: West Burlington Township No.: 70N Range No.: 3W Section: 30 Quarter: SE of Quarter: SW

Urban: Subdivision: \_\_\_\_\_ Block(s): \_\_\_\_\_ Lot(s): \_\_\_\_\_

### • Classification

A) Property category: *Check only one*

- ☒ Building(s)  
☐ District  
☐ Site  
☐ Structure  
☐ Object

B) Number of resources (within property):

*If eligible property, enter number of:*

Contributing Noncontributing

—	Buildings	—
—	Sites	—
—	Structures	—
—	Objects	—
—	<b>Total</b>	—

*If non-eligible property, enter number of:*

<u>1</u>	Buildings
—	Sites
—	Structures
—	Objects
<u>1</u>	<b>Total</b>

C) For properties listed in the National Register:

National Register status: ☐ Listed ☐ De-listed ☐ NHL ☐ NPS DOE

D) For properties within a historic district:

- ☐ Property contributes to a National Register or local certified historic district.  
☐ Property contributes to a potential historic district, based on professional historic/architectural survey and evaluation.  
☒ Property *does not* contribute to the historic district in which it is located.

Historic district name: Rebecca Gray Farmstead Historic district site inventory number: 29-03771

E) Name of related project report or multiple property study, if applicable:

MPD title

Blikre 2015 see continuation form

Historical Architectural Data Base #  
29-037

### • Function or Use *Enter categories (codes and terms) from the Iowa Site Inventory Form Instructions*

A) Historic functions

01A01 single dwelling residence

\_\_\_\_\_

\_\_\_\_\_

B) Current functions

01A01 single dwelling residence

\_\_\_\_\_

\_\_\_\_\_

### • Description *Enter categories (codes and terms) from the Iowa Site Inventory Form Instructions*

A) Architectural classification

01 No Style

09A10 1½ Story House

09D02 Gable Roof

\_\_\_\_\_

B) Materials

Foundation (visible exterior): 10 Concrete

Walls (visible exterior): 02A Wood Weatherboard

Roof: 08A Asphalt Shingle

Other: \_\_\_\_\_

C) Narrative description ☒ SEE CONTINUATION SHEETS, WHICH MUST BE COMPLETED

• **Statement of Significance**

**A) Applicable National Register Criteria:** Mark your opinion of eligibility after applying relevant National Register criteria

Criterion A: Property is associated with significant events.

☐ Yes ☒ No ☐ More research recommended

Criterion B: Property is associated with the lives of significant persons.

☐ Yes ☒ No ☐ More research recommended

Criterion C: Property has distinctive architectural characteristics.

☐ Yes ☒ No ☐ More research recommended

Criterion D: Property yields significant information in archaeology/history.

☐ Yes ☒ No ☐ More research recommended

**B) Special criteria considerations:** Mark any special considerations; leave blank if none

☐ A: Owned by a religious institution or used for religious purposes.

☐ E: A reconstructed building, object, or structure.

☐ B: Removed from its original location.

☐ F: A commemorative property.

☐ C: A birthplace or grave.

☐ G: Property less than 50 years of age or

☐ D: A cemetery

achieved significance within the past 50 years.

**C) Areas of significance**

Enter categories from instructions

01 Agriculture

**D) Period(s) of significance**

**E) Significant dates**

Construction date

1930 ☐ check if circa or estimated date

Other dates, including renovations

**F) Significant person**

Complete if Criterion B is marked above

**G) Cultural affiliation**

Complete if Criterion D is marked above

**H) Architect/Builder**

Architect

Builder/contractor

**I) Narrative statement of significance** ☒ SEE CONTINUATION SHEETS, WHICH MUST BE COMPLETED

• **Bibliography** ☒ See continuation sheets for the list research sources used in preparing this form

• **Geographic Data** Optional UTM references ☐ See continuation sheet for additional UTM or comments

Zone	Easting	Northing	NAD	Zone	Easting	Northing	NAD
1	_____	_____	_____	2	_____	_____	_____
3	_____	_____	_____	4	_____	_____	_____

• **Form Preparation**

Name and Title: Lowell Blikre, Principal Investigator

Date: 03/23/2015

Organization/firm: Bear Creek Archeology, Inc.

E-mail: bca@bearcreekarcheology.com

Street address: PO Box 347

Telephone: 563-347-4545

City or Town: Cresco

State: IA

Zip code: 52136

• **ADDITIONAL DOCUMENTATION** Submit the following items with the completed form

**A) For all properties, attach the following, as specified in the Iowa Site Inventory Form Instructions:**

1. Map of property's location within the community.

2. Glossy color 4x6 photos labeled on back with property/building name, address, date taken, view shown, and unique photo number.

3. Photo key showing each photo number on a map and/or floor plan, using arrows next to each photo number to indicate the location and directional view of each photograph.

4. Site plan of buildings/structures on site, identifying boundaries, public roads, and building/structure footprints.

**B) For State Historic Tax Credit Part 1 Applications, historic districts and farmsteads, and barns:**

See lists of special requirements and attachments in the Iowa Site Inventory Form Instructions.

**State Historic Preservation Office (SHPO) Use Only Below This Line**

The SHPO has reviewed the Site Inventory and concurs with above survey opinion on National Register eligibility:

☐ Yes ☐ No ☐ More research recommended

☐ This is a locally designated property or part of a locally designated district.

Comments: \_\_\_\_\_

SHPO authorized signature: \_\_\_\_\_

Date: \_\_\_\_\_



**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03772  
Related District Number: 29-03771

Page 1

Rebecca Gray Farm House

Des Moines

Name of Property

County

10197 165<sup>th</sup> Avenue

West Burlington

Address

City

The Gray House is a one and one-half story building. The gable roof has an east-facing dormer and on the west side a large enclosed porch addition, that is the principal entrance for the house. The shed roof of the porch has been incorporated into the main roof. The eastern end of the house is a second enclosed porch that is covered by the main house roof. The entrance into this portion is positioned on the eastern end of the south face of the house. The main 28 x 34 ft portion of the house is underlain by a basement, but the porches are not. The house has some elements of the bungalow/craftsman style (dormer, decorative exposed rafter ends under the roof and dormer overhangs, pronounced window surrounds), but is not a good example of that style.

Although the farmstead dates to the early twentieth century, the house is the only building remaining on the property that is greater than 50 years old. The house has been modified by the additions of enclosed porches on the west and east sides and the subsequent altering of the house's roof line. Because the house has been modified from its original form and is no longer associated with buildings from its period of construction, this house is recommended to be not eligible for listing on the National Register of Historic Places.

Blikre, Lowell

2015 *Intensive Phase I Cultural Resource Survey, Geomorphological Assessment, and Architectural and Historical Reconnaissance Survey for the Proposed Expansion of Yard L, Iowa Army Ammunition Plant, Flint River Township, Des Moines, Iowa.* BCA 2122. Bear Creek Archeology, Inc., Cresco, Iowa.

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03772  
Related District Number: 29-03771

Page 2

Rebecca Gray Farm House

Des Moines

Name of Property

County

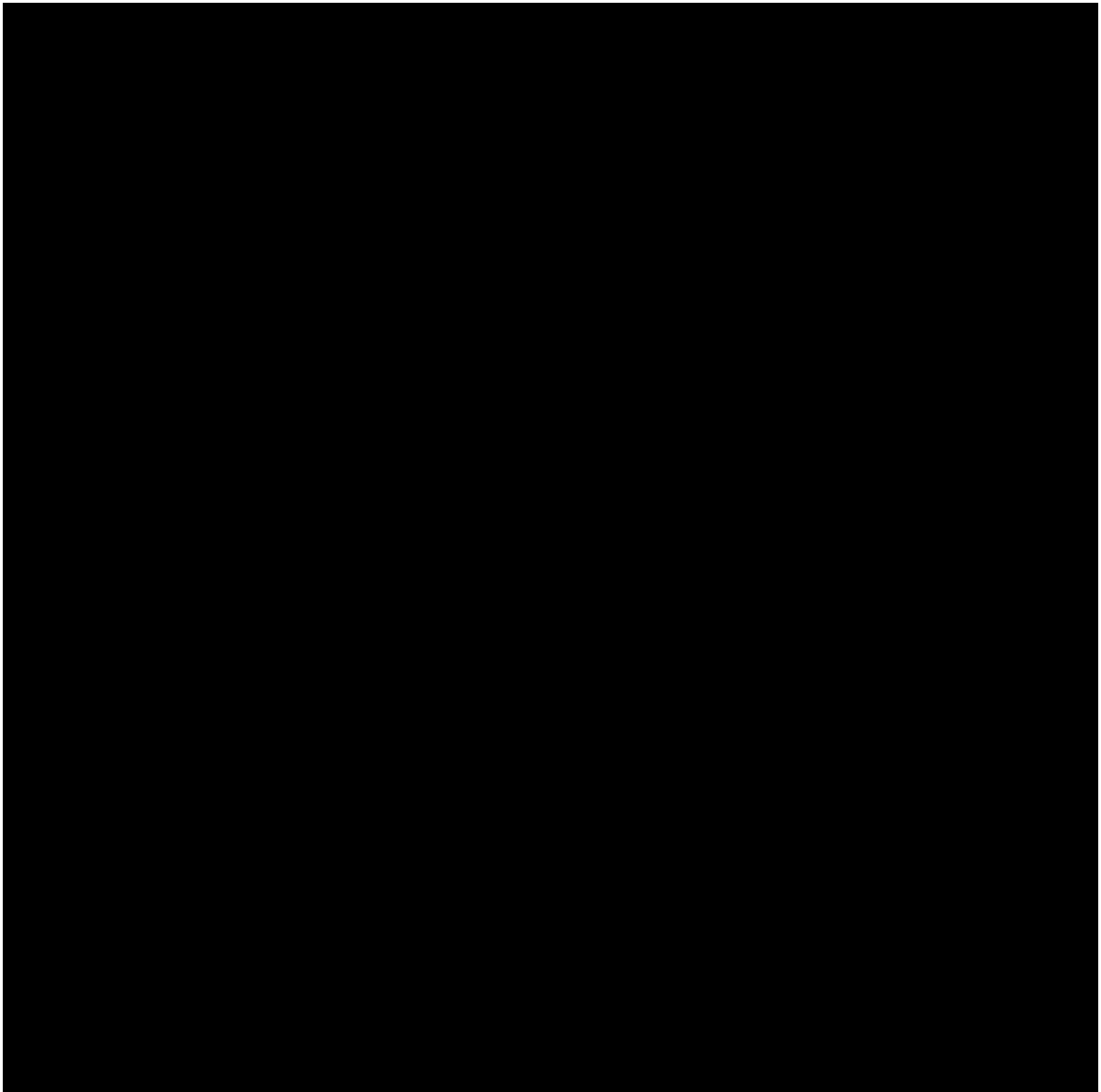
10197 165<sup>th</sup> Avenue

West Burlington

Address

City

Information regarding the location, character, or ownership of historic resources withheld pursuant to National Historic Preservation Act, Section 304, and Advisory Council on Historic Preservation regulations at 10 CFR 800.11(c).



**Location of the property.**

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03772  
Related District Number: 29-03771

Page 3

Rebecca Gray Farm House

Des Moines

Name of Property

County

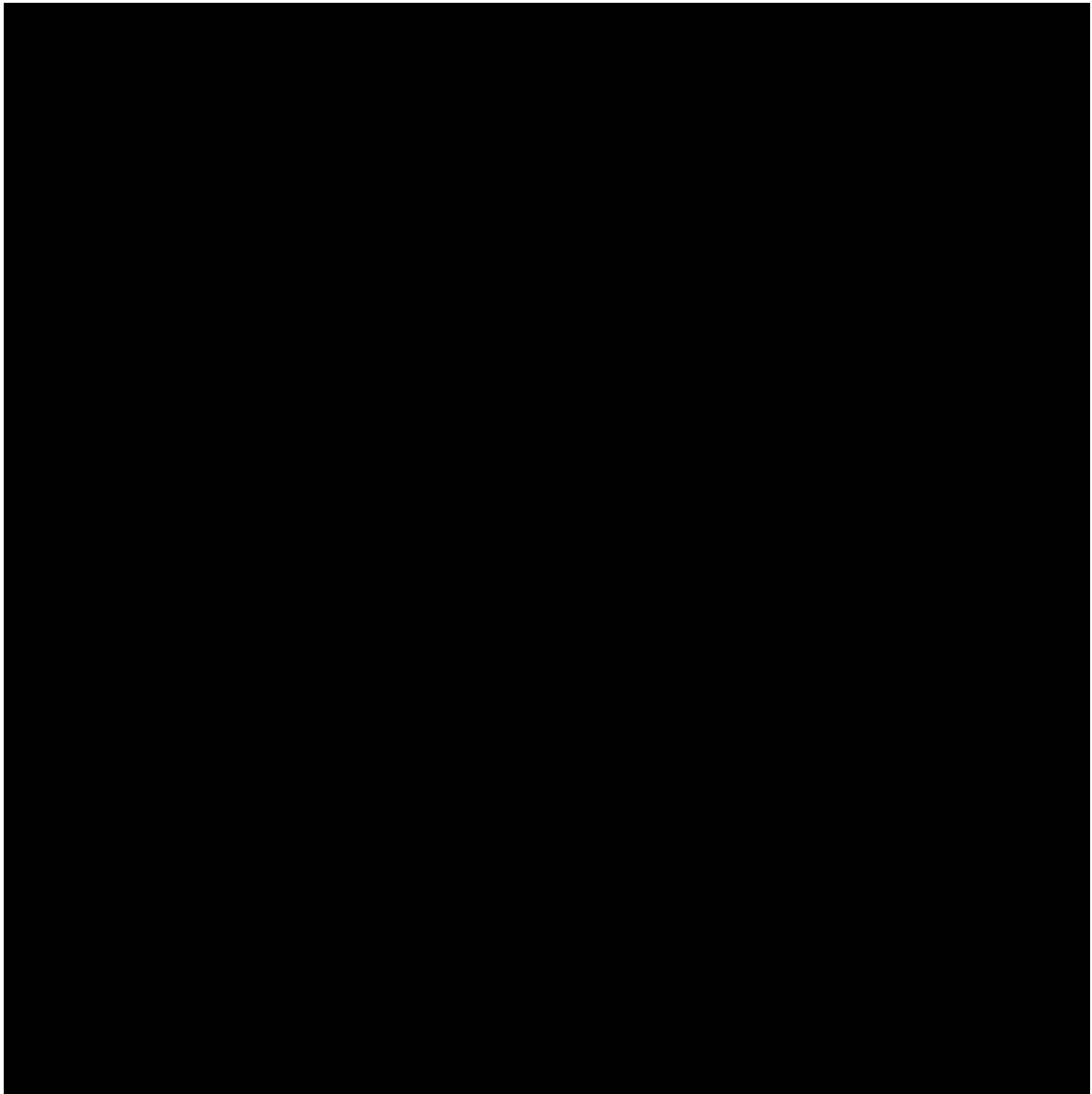
10197 165<sup>th</sup> Avenue

West Burlington

Address

City

Information regarding the location, character, or ownership of historic resources withheld pursuant to National Historic Preservation Act, Section 304, and Advisory Council on Historic Preservation regulations at 10 CFR 800.11(c).



Scale map of the property.

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03772  
Related District Number: 29-03771

Page 4

Rebecca Gray Farm House

Des Moines

Name of Property

County

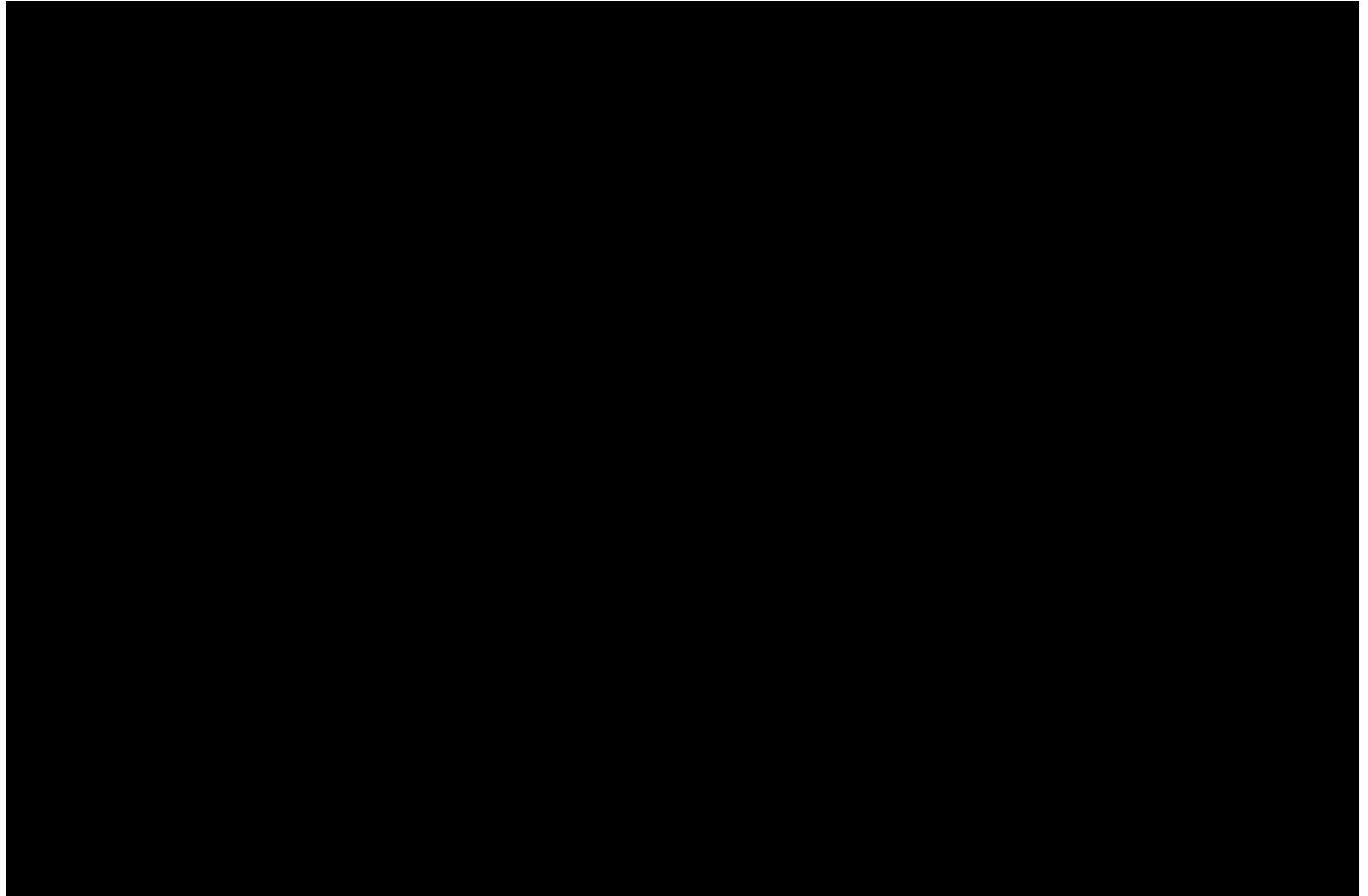
10197 165<sup>th</sup> Avenue

West Burlington

Address

City

Information regarding the location, character, or ownership of historic resources withheld pursuant to National Historic Preservation Act, Section 304, and Advisory Council on Historic Preservation regulations at 10 CFR 800.11(c).



**Oblique aerial photograph of the R. Gray farmstead (29-03771) and house (29-03772). View to the north-northeast (3/15/12), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03772  
Related District Number: 29-03771

Page 5

Rebecca Gray Farm House

Des Moines

Name of Property

County

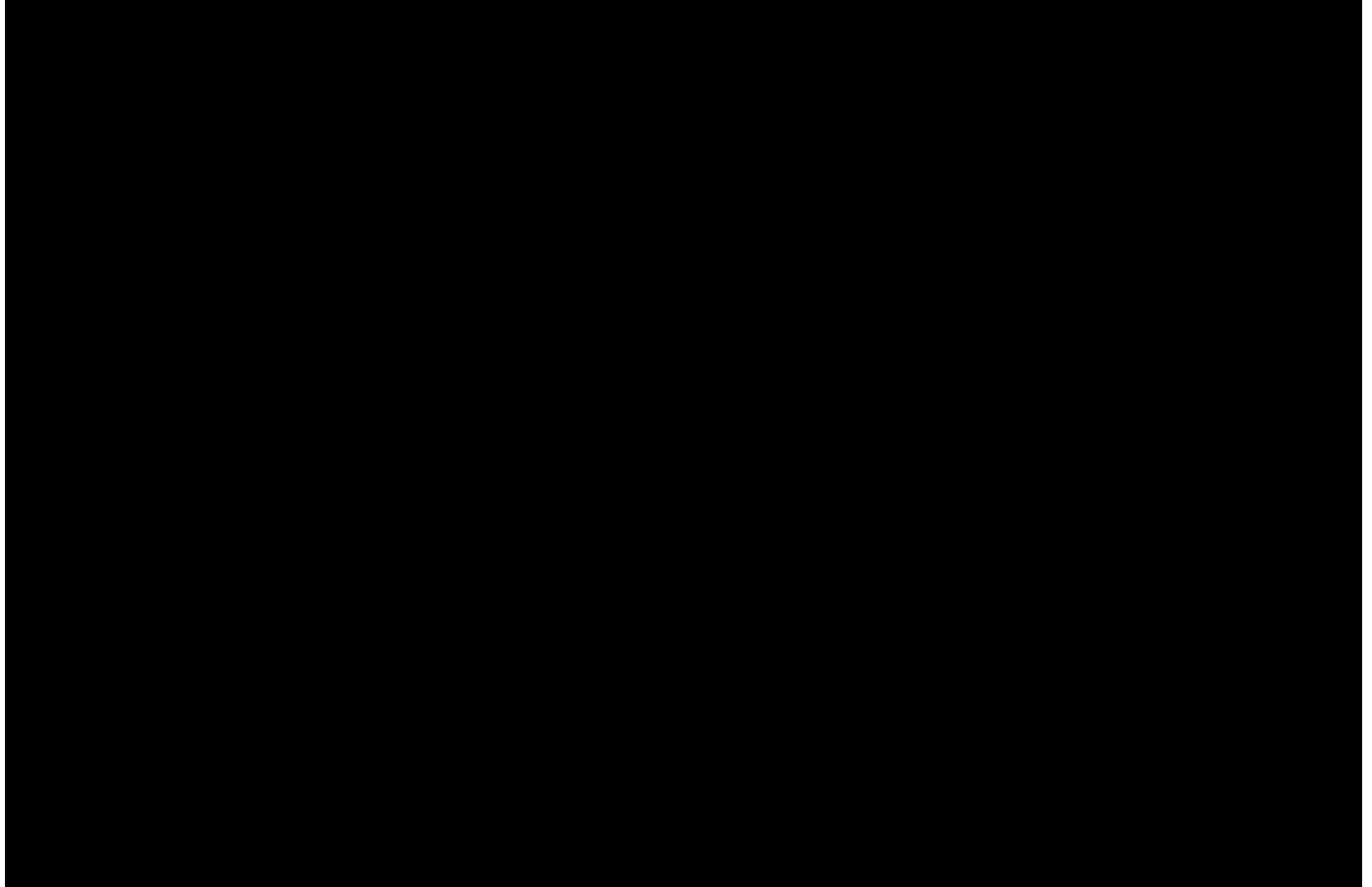
10197 165<sup>th</sup> Avenue

West Burlington

Address

City

Information regarding the location, character, or ownership of historic resources withheld pursuant to National Historic Preservation Act, Section 304, and Advisory Council on Historic Preservation regulations at 10 CFR 800.11(c).



Oblique aerial photograph of the R. Gray house (29-03772). View to the west (3/15/12), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03772  
Related District Number: 29-03771

Page 6

Rebecca Gray Farm House

Name of Property  
10197 165<sup>th</sup> Avenue  
Address

Des Moines  
County  
West Burlington  
City



**Photograph of the R. Gray house (29-03772). View to the north (3/17/15).**



**Photograph of the R. Gray house (29-03772). View to the west, photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**

# Iowa Site Inventory Form

State Historic Preservation Office

(July 2014)

State Inventory Number: **29-03773** ☒ New ☐ Supplemental

9-Digit SHPO Review & Compliance (R&C) Number: \_\_\_\_\_

☐ Non-extant Year: \_\_\_\_\_

**Read the Iowa Site Inventory Form Instructions carefully, to ensure accuracy and completeness before completing this form. The instructions are available on our website: <http://www.iowahistory.org/historic-preservation/statewide-inventory-and-collections/iowa-site-inventory-form.html>**

## • Property Name

A) Historic name: Heritage Baptist Church Outbuilding

B) Other names: \_\_\_\_\_

## • Location

A) Street address: 10191 Prairie Grove Road

B) City or town: West Burlington (☒ Vicinity) County: Des Moines

C) Legal description:

Rural: Township Name: West Burlington Township No.: 70N Range No.: 3W Section: 30 Quarter: SE of Quarter: SE

Urban: Subdivision: \_\_\_\_\_ Block(s): \_\_\_\_\_ Lot(s): \_\_\_\_\_

## • Classification

A) Property category: *Check only one*

- ☒ Building(s)  
☐ District  
☐ Site  
☐ Structure  
☐ Object

B) Number of resources (within property):

*If eligible property, enter number of:*

Contributing Noncontributing

—	Buildings	—
—	Sites	—
—	Structures	—
—	Objects	—
—	<b>Total</b>	—

*If non-eligible property, enter number of:*

1	Buildings
—	Sites
—	Structures
—	Objects
1	<b>Total</b>

C) For properties listed in the National Register:

National Register status: ☐ Listed ☐ De-listed ☐ NHL ☐ NPS DOE

D) For properties within a historic district:

- ☐ Property contributes to a National Register or local certified historic district.  
☐ Property contributes to a potential historic district, based on professional historic/architectural survey and evaluation.  
☐ Property *does not* contribute to the historic district in which it is located.

Historic district name: \_\_\_\_\_ Historic district site inventory number: \_\_\_\_\_

E) Name of related project report or multiple property study, if applicable:

MPD title

Historical Architectural Data Base #  
29-037

## • Function or Use *Enter categories (codes and terms) from the Iowa Site Inventory Form Instructions*

A) Historic functions

09H agricultural outbuilding

B) Current functions

09H agricultural outbuilding

## • Description *Enter categories (codes and terms) from the Iowa Site Inventory Form Instructions*

A) Architectural classification

01 No Style

09C08 Frame: Pole

09D13 Shed

B) Materials

Foundation (visible exterior): \_\_\_\_\_

Walls (visible exterior): 05F Steel

Roof: 05F Steel

Other: \_\_\_\_\_

C) Narrative description ☒ SEE CONTINUATION SHEETS, WHICH MUST BE COMPLETED



Site Number: 29-03773 Address: 10191 Prairie Grove Rd City: West Burlington County: Des Moines District Number:

• **Statement of Significance**

**A) Applicable National Register Criteria:** Mark your opinion of eligibility after applying relevant National Register criteria

Criterion A: Property is associated with significant events.

☐ Yes ☒ No ☐ More research recommended

Criterion B: Property is associated with the lives of significant persons.

☐ Yes ☒ No ☐ More research recommended

Criterion C: Property has distinctive architectural characteristics.

☐ Yes ☒ No ☐ More research recommended

Criterion D: Property yields significant information in archaeology/history.

☐ Yes ☒ No ☐ More research recommended

**B) Special criteria considerations:** Mark any special considerations; leave blank if none

☐ A: Owned by a religious institution or used for religious purposes.

☐ E: A reconstructed building, object, or structure.

☐ B: Removed from its original location.

☐ F: A commemorative property.

☐ C: A birthplace or grave.

☐ G: Property less than 50 years of age or

☐ D: A cemetery

achieved significance within the past 50 years.

**C) Areas of significance**

Enter categories from instructions

01 Agriculture

**D) Period(s) of significance**

**E) Significant dates**

Construction date

1950 ☐ check if circa or estimated date

Other dates, including renovations

**F) Significant person**

Complete if Criterion B is marked above

**G) Cultural affiliation**

Complete if Criterion D is marked above

**H) Architect/Builder**

Architect

Builder/contractor

**I) Narrative statement of significance** ☒ SEE CONTINUATION SHEETS, WHICH MUST BE COMPLETED

• **Bibliography** ☒ See continuation sheets for the list research sources used in preparing this form

• **Geographic Data** Optional UTM references ☐ See continuation sheet for additional UTM or comments

Zone	Easting	Northing	NAD	Zone	Easting	Northing	NAD
1				2			
3				4			

• **Form Preparation**

Name and Title: Lowell Blikre, Principal Investigator

Date: 03/23/2015

Organization/firm: Bear Creek Archeology, Inc.

E-mail: bca@bearcreekarcheology.com

Street address: PO Box 347

Telephone: 563-347-4545

City or Town: Cresco

State: IA

Zip code: 52136

• **ADDITIONAL DOCUMENTATION** Submit the following items with the completed form

**A) For all properties, attach the following, as specified in the Iowa Site Inventory Form Instructions:**

1. Map of property's location within the community.

2. Glossy color 4x6 photos labeled on back with property/building name, address, date taken, view shown, and unique photo number.

3. Photo key showing each photo number on a map and/or floor plan, using arrows next to each photo number to indicate the location and directional view of each photograph.

4. Site plan of buildings/structures on site, identifying boundaries, public roads, and building/structure footprints.

**B) For State Historic Tax Credit Part 1 Applications, historic districts and farmsteads, and barns:**

See lists of special requirements and attachments in the Iowa Site Inventory Form Instructions.

**State Historic Preservation Office (SHPO) Use Only Below This Line**

The SHPO has reviewed the Site Inventory and concurs with above survey opinion on National Register eligibility:

☐ Yes ☐ No ☐ More research recommended

☐ This is a locally designated property or part of a locally designated district.

Comments:

SHPO authorized signature:

Date:

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03773  
Related District Number:

Page 1

Heritage Baptist Church Outbuilding

Des Moines

Name of Property

County

10191 Prairie Grove Road

West Burlington

Address

City

This property is a single story, steel sided, shed building that measures 30 x 44 ft. The entrances to the building are on the east-facing wall and consist of a sliding overhead door for equipment access and a smaller door. This building was part of a larger farmstead and the other buildings of that farmstead were demolished and removed in 2010. The farmstead is plotted on the county atlases dating to 1873, but the sole extant building has a construction date of 1950.

This property is recommended to be not eligible for listing to the National Register of Historic Places. None of the other buildings at this former farmstead location that this shed was once associated with is standing. Further, the construction date of the shed indicates that it was built well after the primary period of construction at this farmstead.

Blikre, Lowell

2015 *Intensive Phase I Cultural Resource Survey, Geomorphological Assessment, and Architectural and Historical Reconnaissance Survey for the Proposed Expansion of Yard L, Iowa Army Ammunition Plant, Flint River Township, Des Moines, Iowa.* BCA 2122. Bear Creek Archeology, Inc., Cresco, Iowa.

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03773  
Related District Number:

Page 3

Heritage Baptist Church Outbuilding

Des Moines

Name of Property

County

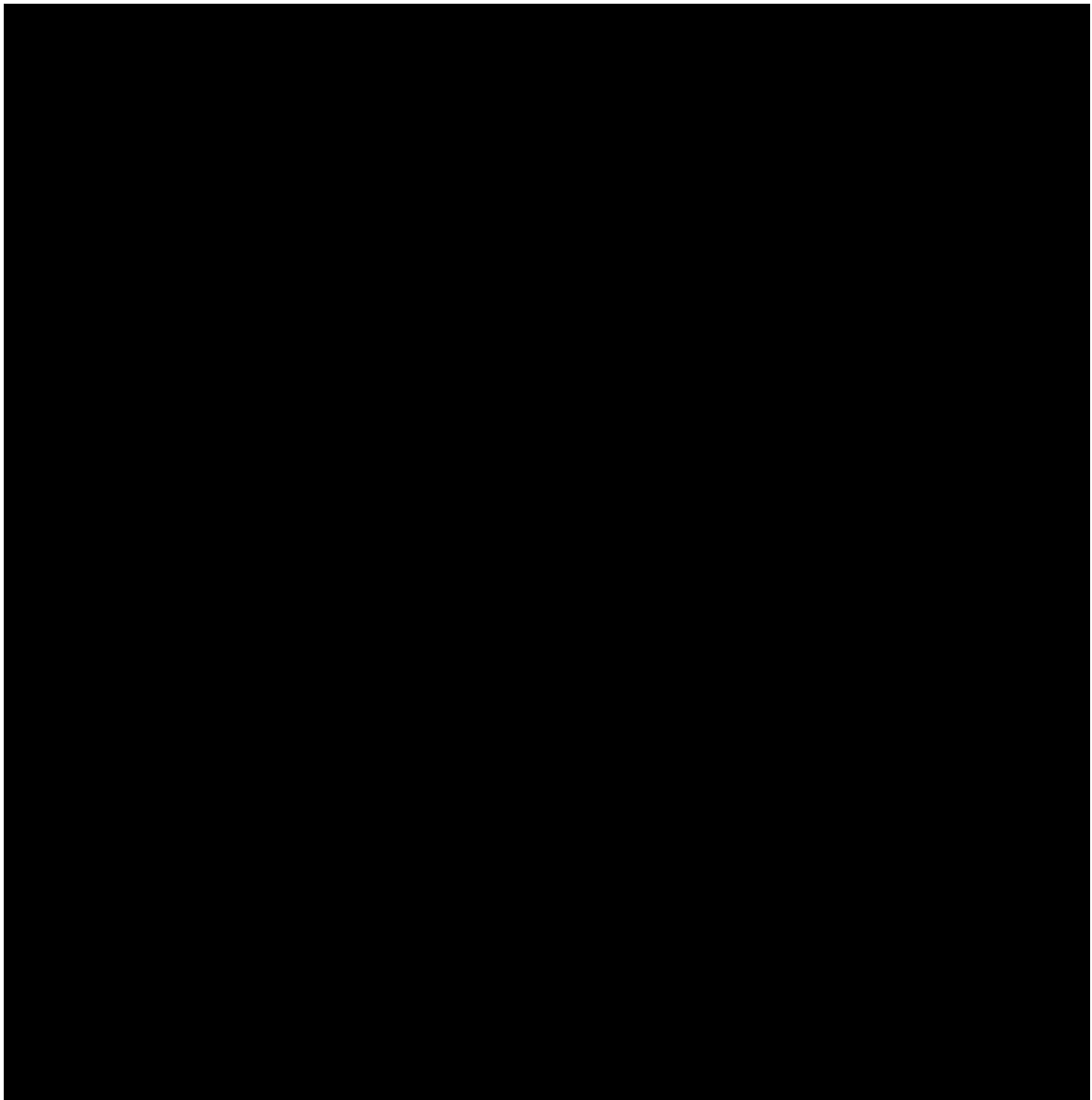
10191 Prairie Grove Road

West Burlington

Address

City

Information regarding the location, character, or ownership of historic resources withheld pursuant to National Historic Preservation Act, Section 304, and Advisory Council on Historic Preservation regulations at 10 CFR 800.11(c).



**Location of the property.**

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03773  
Related District Number:

Page 4

Heritage Baptist Church Outbuilding

Des Moines

Name of Property

County

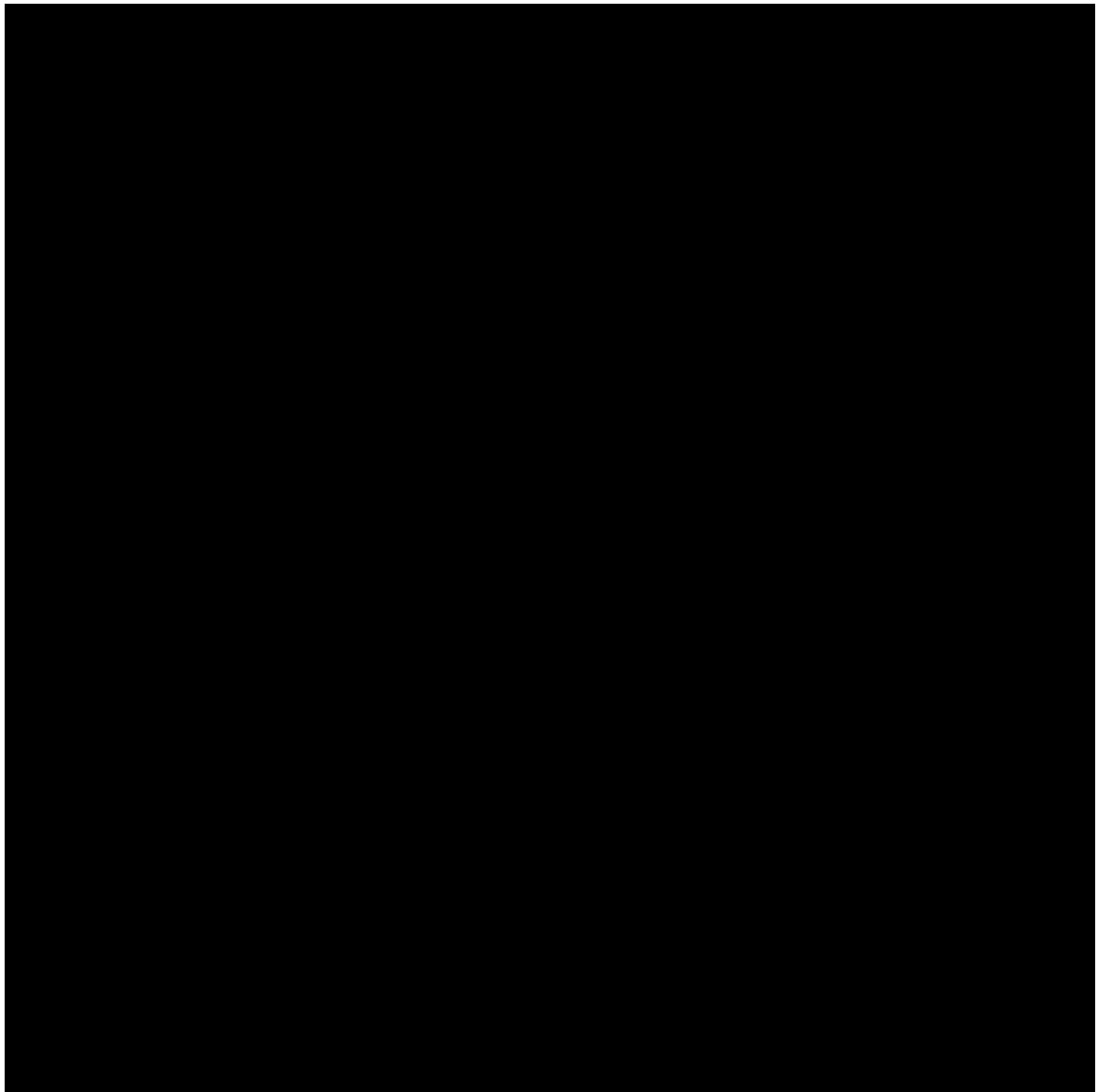
10191 Prairie Grove Road

West Burlington

Address

City

Information regarding the location, character, or ownership of historic resources withheld pursuant to National Historic Preservation Act, Section 304, and Advisory Council on Historic Preservation regulations at 10 CFR 800.11(c).



**Scale map of the property.**

**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03773  
Related District Number:

Page 5

Heritage Baptist Church Outbuilding  
Name of Property  
10191 Prairie Grove Road  
Address

Des Moines  
County  
West Burlington  
City



**Photograph of the Heritage Baptist Church outbuilding (29-03773).  
View to the northwest (3/17/15).**

# Iowa Site Inventory Form

## State Historic Preservation Office

(July 2014)

State Inventory Number: 29-03774 ☒ New ☐ Supplemental

9-Digit SHPO Review & Compliance (R&C) Number: \_\_\_\_\_

☐ Non-extant Year: \_\_\_\_\_

**Read the Iowa Site Inventory Form Instructions carefully, to ensure accuracy and completeness before completing this form. The instructions are available on our website: <http://www.iowahistory.org/historic-preservation/statewide-inventory-and-collections/iowa-site-inventory-form.html>**

### • Property Name

A) Historic name: Nelson Elevator

B) Other names: \_\_\_\_\_

### • Location

A) Street address: 10100 150<sup>th</sup> Avenue

B) City or town: Danville (☒ Vicinity) County: Des Moines

C) Legal description:

Rural: Township Name: West Burlington Township No.: 70N Range No.: 3W Section: 29 Quarter: SW of Quarter: SE

Urban: Subdivision: \_\_\_\_\_ Block(s): \_\_\_\_\_ Lot(s): \_\_\_\_\_

### • Classification

**A) Property category:** *Check only one*

- ☐ Building(s)  
☒ District  
☐ Site  
☐ Structure  
☐ Object

**B) Number of resources (within property):**

*If eligible property, enter number of:*

Contributing Noncontributing

—	Buildings	—
—	Sites	—
—	Structures	—
—	Objects	—
—	<b>Total</b>	—

*If non-eligible property, enter number of:*

<u>3</u>	Buildings
—	Sites
<u>9</u>	Structures
<u>3</u>	Objects
<u>15</u>	<b>Total</b>

**C) For properties listed in the National Register:**

National Register status: ☐ Listed ☐ De-listed ☐ NHL ☐ NPS DOE

**D) For properties within a historic district:**

- ☐ Property contributes to a National Register or local certified historic district.  
☐ Property contributes to a potential historic district, based on professional historic/architectural survey and evaluation.  
☐ Property *does not* contribute to the historic district in which it is located.

Historic district name: \_\_\_\_\_ Historic district site inventory number: \_\_\_\_\_

**E) Name of related project report or multiple property study, if applicable:**

MPD title

Historical Architectural Data Base #  
29-037

### • Function or Use *Enter categories (codes and terms) from the Iowa Site Inventory Form Instructions*

**A) Historic functions**

09C08 grain elevator

**B) Current functions**

09C08 grain elevator

### • Description *Enter categories (codes and terms) from the Iowa Site Inventory Form Instructions*

**A) Architectural classification**

01 No Style

**B) Materials**

Foundation (visible exterior): \_\_\_\_\_

Walls (visible exterior): \_\_\_\_\_

Roof: \_\_\_\_\_

Other: \_\_\_\_\_

**C) Narrative description** ☒ SEE CONTINUATION SHEETS, WHICH MUST BE COMPLETED

Site Number: 29-03774 Address: 10100 150<sup>th</sup> Avenue City: Danville County: Des Moines District Number:

• **Statement of Significance**

**A) Applicable National Register Criteria:** Mark your opinion of eligibility after applying relevant National Register criteria

Criterion A: Property is associated with significant events.

☐ Yes ☒ No ☐ More research recommended

Criterion B: Property is associated with the lives of significant persons.

☐ Yes ☒ No ☐ More research recommended

Criterion C: Property has distinctive architectural characteristics.

☐ Yes ☒ No ☐ More research recommended

Criterion D: Property yields significant information in archaeology/history.

☐ Yes ☒ No ☐ More research recommended

**B) Special criteria considerations:** Mark any special considerations; leave blank if none

☐ A: Owned by a religious institution or used for religious purposes.

☐ E: A reconstructed building, object, or structure.

☐ B: Removed from its original location.

☐ F: A commemorative property.

☐ C: A birthplace or grave.

☐ G: Property less than 50 years of age or

☐ D: A cemetery

achieved significance within the past 50 years.

**C) Areas of significance**

Enter categories from instructions

01 Agriculture

**D) Period(s) of significance**

**E) Significant dates**

Construction date

1960 ☐ check if circa or estimated date

Other dates, including renovations

1980

**F) Significant person**

Complete if Criterion B is marked above

**G) Cultural affiliation**

Complete if Criterion D is marked above

**H) Architect/Builder**

Architect

Builder/contractor

**I) Narrative statement of significance** ☒ SEE CONTINUATION SHEETS, WHICH MUST BE COMPLETED

• **Bibliography** ☒ See continuation sheets for the list research sources used in preparing this form

• **Geographic Data** Optional UTM references ☐ See continuation sheet for additional UTM or comments

Zone	Easting	Northing	NAD	Zone	Easting	Northing	NAD
1				2			
3				4			

• **Form Preparation**

Name and Title: Lowell Blikre, Principal Investigator

Date: 03/23/2015

Organization/firm: Bear Creek Archeology, Inc.

E-mail: bca@bearcreekarcheology.com

Street address: PO Box 347

Telephone: 563-347-4545

City or Town: Cresco

State: IA

Zip code: 52136

• **ADDITIONAL DOCUMENTATION** Submit the following items with the completed form

**A) For all properties, attach the following, as specified in the Iowa Site Inventory Form Instructions:**

1. Map of property's location within the community.

2. Glossy color 4x6 photos labeled on back with property/building name, address, date taken, view shown, and unique photo number.

3. Photo key showing each photo number on a map and/or floor plan, using arrows next to each photo number to indicate the location and directional view of each photograph.

4. Site plan of buildings/structures on site, identifying boundaries, public roads, and building/structure footprints.

**B) For State Historic Tax Credit Part 1 Applications, historic districts and farmsteads, and barns:**

See lists of special requirements and attachments in the Iowa Site Inventory Form Instructions.

**State Historic Preservation Office (SHPO) Use Only Below This Line**

The SHPO has reviewed the Site Inventory and concurs with above survey opinion on National Register eligibility:

☐ Yes ☐ No ☐ More research recommended

☐ This is a locally designated property or part of a locally designated district.

Comments:

SHPO authorized signature:

Date:



**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03774  
Related District Number:

Page 1

Nelson Elevator	Des Moines
Name of Property	County
10100 150 <sup>th</sup> Avenue	Danville
Address	City

The Nelson property is a grain elevator and storage facility. No residences or other domestic buildings are present. Along the eastern edge of the property are four cylindrical steel grain storage bins each 64 ft tall and 38 ft in diameter. Attached to these bins are four smaller steel hopper bins that are 50 ft tall and 12 ft in diameter. All of these bins were built in 1960. Associated with these bins are a bucket conveyor, a drag conveyor, and a grain dryer, all of which have 1980 installation dates. Another much smaller cylindrical bin is located along the northern edge of the property. This small bin is not connected by a conveyor to any of the other structures or buildings on the property. The buildings present include a concrete block utility building with a lean-to shed on both the east and west sides. These attached sheds are also concrete block and all three of these buildings have flat roofs. The utility building and the eastern shed attachment have rolled asphalt or rubber roofs and the shed on the west has a metal roof. The main building is a 32 x 48 ft rectangle. The adjoining shed to the west is 10 x 18 ft and the shed on the east is 16 x 28 ft. The main building has two garage doors on its south wall. Another, separate building is a smaller shed with a hipped roof covered by asphalt shingles. This building measures 11 x 20 ft and is also made of concrete block.

This elevator facility was built in the middle to late twentieth century. It does not possess unique or exceptional characteristics of design and is not associated with any known important historical event or person. This property is recommended not eligible for listing to the National Register of Historic Places.

Blikre, Lowell

2015 *Intensive Phase I Cultural Resource Survey, Geomorphological Assessment, and Architectural and Historical Reconnaissance Survey for the Proposed Expansion of Yard L, Iowa Army Ammunition Plant, Flint River Township, Des Moines, Iowa.* BCA 2122. Bear Creek Archeology, Inc., Cresco, Iowa.

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

Site Number: 29-03774  
Related District Number:

Page 2

Nelson Elevator

Des Moines

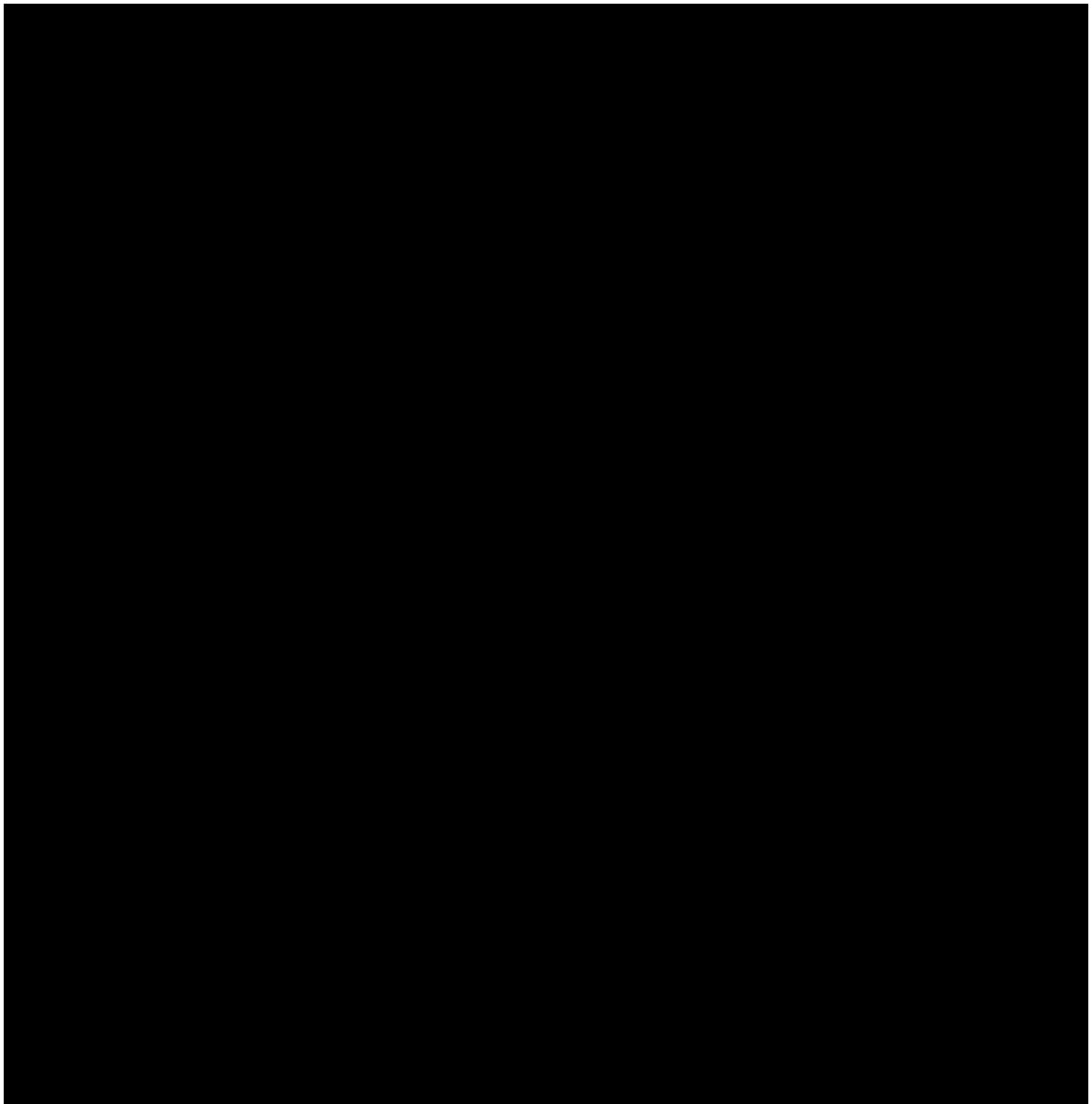
Name of Property  
10100 150<sup>th</sup> Avenue

County  
Danville

Address

City

Information regarding the location, character, or ownership of historic resources withheld pursuant to National Historic Preservation Act, Section 304, and Advisory Council on Historic Preservation regulations at 10 CFR 800.11(c).



**Location of the property.**

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

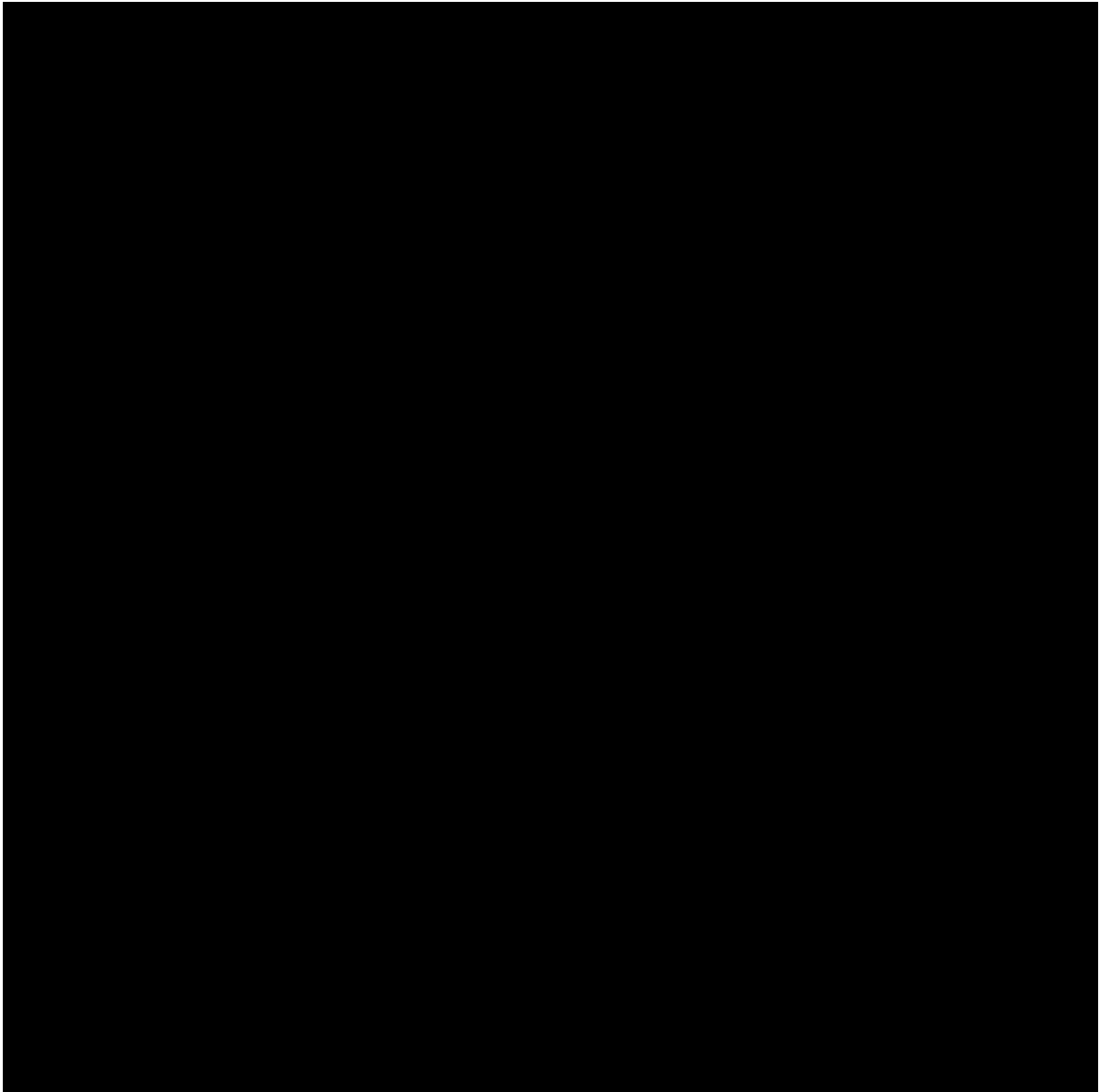
Site Number: 29-03774  
Related District Number:

Page 3

Nelson Elevator  
Name of Property  
10100 150<sup>th</sup> Avenue  
Address

Des Moines  
County  
Danville  
City

Information regarding the location, character, or ownership of historic resources withheld pursuant to National Historic Preservation Act, Section 304, and Advisory Council on Historic Preservation regulations at 10 CFR 800.11(c).



Scale map of the property.

**Iowa Site Inventory Form**  
**State Historic Preservation Office**  
**Continuation Sheet**

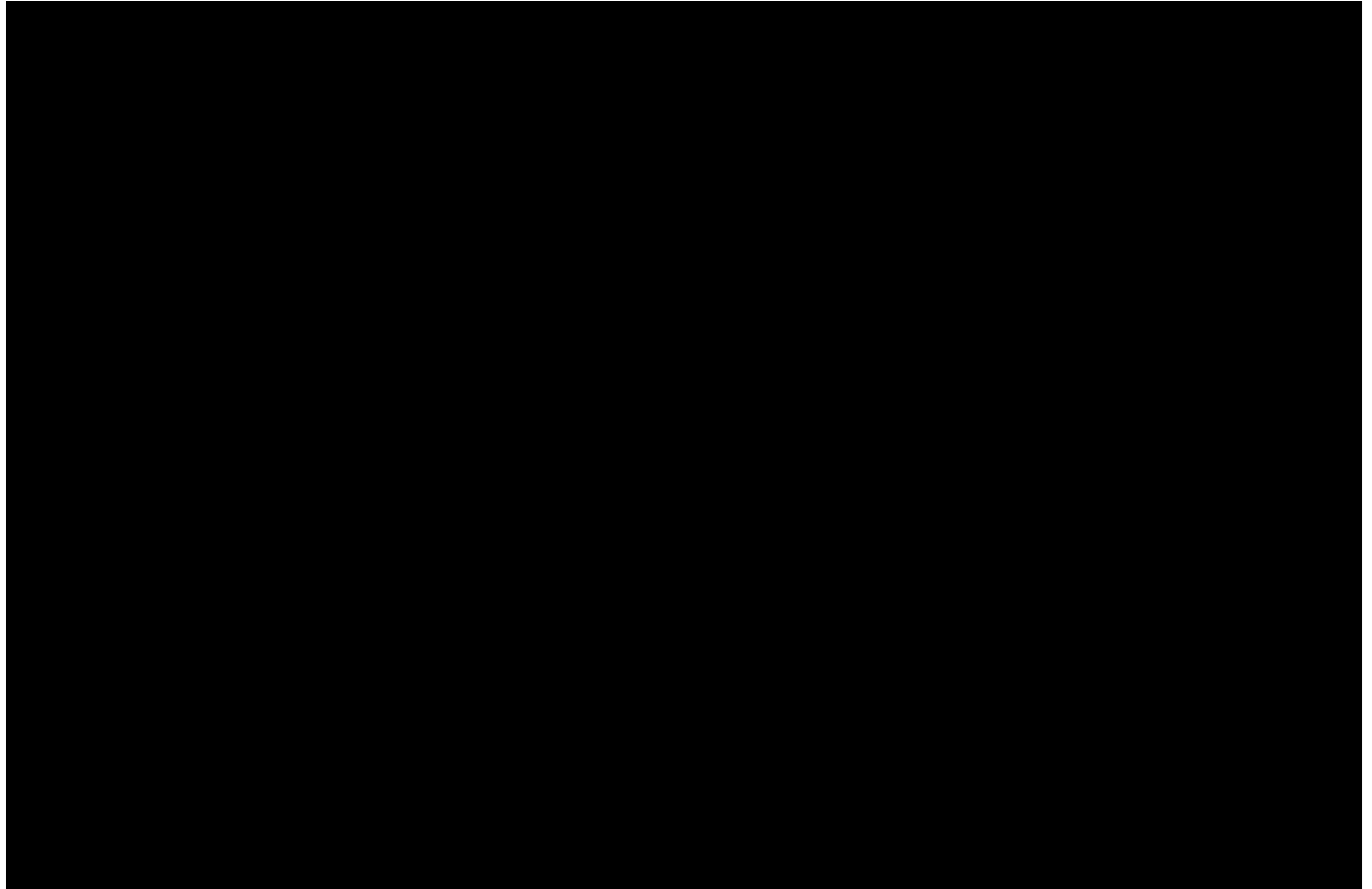
Site Number: 29-03774  
Related District Number:

Page 4

Nelson Elevator  
Name of Property  
10100 150<sup>th</sup> Avenue  
Address

Des Moines  
County  
Danville  
City

Information regarding the location, character, or ownership of historic resources withheld pursuant to National Historic Preservation Act, Section 304, and Advisory Council on Historic Preservation regulations at 10 CFR 800.11(c).



**Oblique aerial photograph of the Nelson elevator (29-03774). View to the west (3/15/12), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**

**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03774  
Related District Number:

Page 5

Nelson Elevator  
Name of Property  
10100 150<sup>th</sup> Avenue  
Address

Des Moines  
County  
Danville  
City



**Oblique aerial photograph of the Nelson elevator (29-03774). View to the north (4/9/13), photo by the Des Moines County GIS Commission (<http://www.dmcgis.com/>).**

**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03774  
Related District Number:

Page 6

Nelson Elevator  
Name of Property  
10100 150<sup>th</sup> Avenue  
Address

Des Moines  
County  
Danville  
City



**Photograph of the north portion of the Nelson elevator (29-03774).  
View to the east (3/17/15).**



**Photograph of the south portion of the Nelson elevator (29-03774).  
View to the east (3/17/15).**



**Iowa Site Inventory Form**  
State Historic Preservation Office  
**Continuation Sheet**

Site Number: 29-03774  
Related District Number:

Page 7

Nelson Elevator  
Name of Property  
10100 150<sup>th</sup> Avenue  
Address

Des Moines  
County  
Danville  
City



**Photograph of the concrete block utility building at the Nelson elevator (29-03774). View to the northeast (3/17/15).**