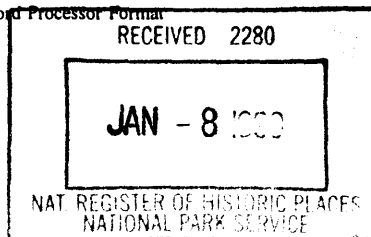


United States Department of the Interior
National Park Service

National Register of Historic Places
Registration Form



122

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in *How to Complete the National Register of Historic Places Registration Form* (National Register Bulletin 16A). Complete each item by marking "x" on the appropriate line or by entering the information requested. If an item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer, to complete all items.

1. Name of Property

historic name IOWA MALLEABLE IRON COMPANY

other names/site number Iowa Malleable; Malleable

2. Location

street & number 600-608 North Ninth Street N/A not for publication

city or town Fairfield N/A vicinity

state Iowa code IA county Jefferson code 101 zip code 52556

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act, as amended, I hereby certify that this nomination request for determination of eligibility) meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property meets does not meet) the National Register criteria. I recommend that this property be considered significant (nationally statewide locally). (See continuation sheet for additional comments.)

Patricia Anderson DSTAD 12-30-98
Signature of certifying official/Title Date

STATE HISTORICAL SOCIETY OF IOWA
State or Federal agency and bureau

In my opinion, the property (meets does not meet) the National Register criteria. (See continuation sheet for additional comments.)

Signature of certifying official/Title Date

State or Federal agency and bureau

4. National Park Service Certification

I hereby certify that the property is :

- entered in the National Register.
 - See continuation sheet.
- determined eligible for the National Register
 - See continuation sheet
- determined not eligible for the National Register
- removed from the National Register.
- Other, (Explain)

Edson A. Beall
Signature of Keeper

2/22/99
Date of Action

Iowa Malleable Iron Company
Name of Property

Jefferson County, Iowa
County and State

5. Classification

Ownership of Property
(Check as many lines as apply)

- private
- public-local
- public-State
- public-Federal

Category of Property
(Check only one line)

- building(s)
- district
- site
- structure
- object

Number of Resources within Property
(Do not include previously listed resources in the count.)

Contributing	Noncontributing	
9	6	buildings
		sites
		structures
		objects
9	6	Total

Name of related multiple property listing
(Enter "N/A" if property is not part of a multiple property listing)

Louden Machinery Company, Fairfield, Iowa

**Number of contributing resources
previously listed in the National Register**

0

6. Function or Use

Historic Functions
(Enter categories from instructions)

INDUSTRY/PROCESSING/EXTRACTION:
manufacturing facility

Current Functions
(Enter categories from instructions)

VACANT/NOT IN USE

7. Description

Architectural Classification
(Enter categories from instructions)

NO STYLE

Materials
(Enter categories from instructions)

foundation Concrete
walls Brick
Concrete
roof Asphalt
other Metal
Glass

Narrative Description

(Describe the historic and current condition of the property on one or more continuation sheets.)

Iowa Malleable Iron Company
Name of Property

Jefferson County, Iowa
County and State

8. Statement of Significance

Applicable National Register Criteria

(Mark "x" on one or more lines for the criteria qualifying the property for National Register listing)

- A** Property is associated with events that have made a significant contribution to the broad patterns of our history.
- B** Property is associated with the lives of persons significant in our past.
- C** Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- D** Property has yielded, or is likely to yield, information important in prehistory or history.

Criteria Considerations

(Mark "x" on all the lines that apply)

Property is:

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

Areas of Significance

(Enter categories from instructions)

INDUSTRY

Period of Significance

1904-1948

Significant Dates

1904

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

Architect/Builder

Narrative Statement of Significance - (Explain the significance of the property on one or more continuation sheets)

9. Major Bibliography References

Bibliography

(Cite the books, articles and other sources used in preparing this form on one or more continuation sheets.)

Previous documentation on file (NPS):

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

Primary location of additional data:

- State Historical Preservation Office
- Other State agency
- Federal agency
- Local government
- University
- Other

Name of repository

Iowa Malleable Iron Company
Name of Property

Jefferson County, Iowa
County and State

10. Geographical Data

Acreage of Property 10 acres +/-

UTM References

(Place additional UTM references on a continuation sheet.)

1 | 15 | 5 8 6 2 2 0 | 4 5 4 0 4 0 0 |

Zone Easting Northing

2 | 15 | 5 8 6 0 0 0 | 4 5 4 0 4 0 0 |

Zone Easting Northing

3 | 15 | 5 8 6 0 0 0 | 4 5 4 0 5 8 0 |

Zone Easting Northing

4 | 15 | 5 8 6 2 2 0 | 4 5 4 0 5 8 0 |

Verbal Boundary Description

(Describe the boundaries of the property on a continuation sheet)

Boundary Justification

(Explain why the boundaries were selected on a continuation sheet)

11. Form Prepared By

name/title William C. Page, Public Historian; Joanne R. Walroth, Project Associate

organization Jefferson County Historic Preservation Commission date November 15, 1997

street & number 520 East Sheridan Avenue (Page) telephone 515-243-5740 (Page)

city or town Des Moines state Iowa zip code 50313-5017

Additional Documentation

Submit the following items with the completed form:

Continuation Sheets

Maps

A **USGS map** (7.5 or 15 minute series) indicating the property's location.

A **Sketch map** for historic districts and properties having large acreage or numerous resources.

Photographs - Representative **black and white photographs** of the property.

Additional items - (Check with the SHPO or FPO for any additional items)

Property Owner

(Complete this item at the request of SHPO or FPO.)

name Iowa Malleable Iron Company c/o Donald F. Neiman, Attorney

street & number 801 Grand Avenue telephone 515-246-5877

city or town Des Moines state Iowa zip code 50309-2727

Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation act, as amended (16 U.S.C. 470 et seq.).

Estimated Burden Statement: Public reporting burden for this form is estimated to average 18.1 hours per response including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Chief, Administrative Services Division, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; and the Office of Management and Budget, Paperwork Reductions Projects (1024-0018), Washington, DC 20503.

United States Department of the Interior
National Park Service

**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section number 7 Page 1

CFN-259-1116

Iowa Malleable Iron Company, Jefferson County, Iowa.

GENERAL DESCRIPTION

This is an industrial complex of buildings, mostly built in 1904, for the fabrication of malleable iron products and together forming one factory. Situated directly north of the former Chicago, Burlington, and Quincy Railroad tracks and the former Dexter manufacturing company, the Iowa Malleable Iron Company consists of an office building and numerous other facilities. This factory complex is no longer in operation and is presently vacant. Its condition is fair to poor.

FACTORY

The numerous units of this factory are shown in a footprint drawing on Continuation Sheet 7-8. These units include the foundry, foundry and storage, core room, core storage, grinding, pattern shop, electric annealing, finishing and sorting, shipping, pattern storage, pattern vault, office, annealing, and compressor and boiler room. The descriptions given here are keyed to numbers shown on the footprint referenced above and taken from Vanguard Appraisals, Inc., fire insurance maps, and field inspection.

1. Foundry

Completed in 1991, this is a 1-story, metal building, whose footprint measures 90' x 240'. It rests on a reinforced concrete foundation and possesses metal, insulated walls, and a double pitched, metal roof resting on steel purlins. Structural steel beams and purlins provide the structural support for the building's walls and roof. All of the machinery and equipment installed at the time of this building's construction has been removed.

This building is counted as one noncontributing resource because the year of its construction postdates standard National Register requirements.

2, 3, 14.

Foundry and Storage

Erected in 1904, this is a 1-story, brick building given three separate numbers because of its large size. Its size measures 140' x 300'. The building's foundation features concrete walls and footers. The brick walls are 18' high. The building also features steel sash factory windows, a tile canopy, and brick pilasters. The roof is double pitch monitor with composition built-up on a wood deck and supported with wood purlins. The floor is reinforced concrete. Framing consists of structural steel trusses supported by H-columns.

This building is counted as one contributing resource to the nomination.

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**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section number 7 Page 2

CFN-259-1116

Iowa Malleable Iron Company, Jefferson County, Iowa.

4. Core Room

Erected in 1904, this is a 1-story, brick building. Its size measures 50' x 112'. The building features a foundation of concrete walls and footers. The brick walls are 16' high. The roof is double pitch, composition built-up on a wood deck with wood purlins for support. The floor is a concrete slab. Framing consists of timber beams and timber columns. Workers made the core patterns for castings in this building.

This building is counted as one contributing resource to the nomination.

4A. Core Storage

Erected in 1977, this is a 1-story, concrete block building. Its size measures 32' x 58'. The building features a foundation of concrete walls and footers. The concrete block walls are 14' high. The roof is double pitch rigid steel covered with composition built-up on a steel deck. The floor is a concrete slab. Framing consists of steel beams. Core patterns were stored in this building.

This building is counted as one noncontributing resource because the year of its construction postdates standard National Register requirements.

5. Grinding

Erected in 1904, this is a 1-story, brick building with a partial basement. Its footprint is of compound rectangular size, with components measuring 50' x 105', 11' x 40', and 24' x 22.6'. The excavated area measures 22' x 50' x 8'. The building's foundation features concrete walls and footers. The brick walls are 18' high. The roof is double pitch monitor covered with composition built-up on wood deck supported by wood purlins. The basement floor is reinforced concrete, while the first floor is wood plank on wood joists. Framing is structural steel trusses. Workers cleaned and finished the castings in this building.

This building is counted as one contributing resource to the nomination.

6. Pattern Shop

Erected circa 1910, this is a 1-story, brick building. Its size measures 49' x 52'. The building's foundation features concrete footers and a full basement is situated beneath the first floor. The brick walls are 14' high. The building has steel sash windows, a concrete coping around the top, a wood door, and brick pilasters. The roof is double pitch of composition built-up on wood purlins. The basement floor is reinforced concrete, while the first floor is wood plank. Framing consists of steel trusses. Workers fabricated the molds

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CONTINUATION SHEET**

Section number 7 Page 3

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Iowa Malleable Iron Company, Jefferson County, Iowa.

for the castings and repaired the molds, as needed, in this building.

This building is counted as one contributing resource to the nomination.

7. Electric Annealing

Erected in 1904, this is a 1-story, brick building. Its size measures 52' x 81.5' and 10' x 12'. The building's foundation features concrete walls and footers. The brick walls are 16' high. The building has steel sash windows and a wood door. The roof is single pitch with built-up composition on a wood deck. The floor is a reinforced concrete slab. Framing consists of structural steel I-beams supported by steel H-columns. This building heat-treated the castings after they had been cast.

This building is counted as one contributing resource to the nomination.

8. Finishing and Sorting

Erected in 1904, this is a 1-story, brick building. Its size measures 88' x 116'. The building's foundation features concrete walls and footers. The brick walls are, on an average, 16' high. The building possesses steel sash windows, 16" pilasters, and wood doors. The roof is double pitch monitor of composition built-up on a wood deck. The floor is a reinforced concrete slab. Framing consists of structural steel trusses supported by steel H-columns.

This building is counted as one contributing resource to the nomination.

9. Shipping

Substantially rebuilt sometime following World War II, this is a 1-story, concrete block building. Its average size is 49' x 100'. The building's foundation features concrete walls and footers. The walls are concrete block and 16' high. The building possesses three overhead doors. The roof is single pitch of composition built-up on a steel deck. The floor is a reinforced concrete slab. Framing consists of steel I-beams and steel H-columns.

This building is counted as one noncontributing resource to the nomination, because the time of its reconstruction postdates National Register age requirements.

10. Pattern Storage

Erected circa 1955, this is a 1-story, concrete block building. Its size measures 38' x 98'.

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CONTINUATION SHEET**

Section number 7 Page 4

CFN-259-1116

Iowa Malleable Iron Company, Jefferson County, Iowa.

The building's foundation features concrete walls and footers. The walls are concrete block and stand 16' high. There is one overhead door. The roof is flat of composition built-up materials on a steel deck. The floor is reinforced concrete slab. Framing is steel I-beams.

This building is counted as one noncontributing resource to the nomination, because the year of its construction postdates standard National Register requirements.

13. Pattern Vault

Erected circa 1910, this is a 1-story, brick building. Its size measures 40' x 100'. The building's foundation features concrete walls and footers. The brick walls are 22' high. The building possesses steel sash windows and wood doors. The roof is double pitch with composition built-up on a concrete deck. The floor is reinforced concrete slab. Framing is of structural steel and wood. Patterns are the molds from which metal castings are made. They were stored in this building.

This building is counted as one contributing resource to the nomination.

15. Office

Erected in 1924, this is a 2-story, brick office building. Its size measures 37.6' x 63.6'. The building's foundation features concrete footings with a basement excavated at a depth of 8'. The basement walls are of reinforced concrete, while the exposed walls are of brick and 24' high. Windows are of steel sash. The top of the building is surrounded with concrete coping and glass entry doors provide access to the interior. The roof is flat and built of composition materials on a wood deck. The basement floor is a concrete slab, while those of the first and second floors are pine. The building's framing is of timber beams and columns. The first and second floors feature plastered walls. There is one set of stairs from the basement to the second floor.

This building is counted as one contributing resource to the nomination.

19. Annealing

Erected in 1967, this is a 1-story, steel building. Its size measures 50' x 160'. The foundation features concrete walls, footers, and piers. The walls are constructed of insulated metal panels and contain two overhead doors. The roof is double pitch metal panels, insulated, with steel purlins. The floor is reinforced concrete. The building's framing is rigid steel. This annealing building was an updated version of the 1904 electric annealing facility.

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Iowa Malleable Iron Company, Jefferson County, Iowa.

This resource is counted as noncontributing, because its year of construction postdates standard National Register requirements.

20. Compressor and Boiler Room

Erected in 1904, this is a 1-story, brick building. Its footprint is of compound rectangular size, with components measuring 24' x 66', 11' x 48.5', and 21.5' x 35'. The foundation of this building features concrete walls and footers. Its brick walls are 30' high. The roof is a double pitch monitor with double pitch composition on wood deck and rafters. Windows are wood sash and doors are wood. The floor is reinforced concrete slab. The compressor and boiler room provided steam heat for this foundry.

This resource is counted as one contributing resource.

Yard and Outside

The yard and outside consists of a number of resources. They include a guard house (1-story, frame building constructed in 1978); 1-story, metal storage building; two oil storage tanks and one pump house (constructed of tile block) to move the oil to the factory; chain link fence; a concrete dock and ramp at the shipping building; a 1-story, frame scale house and scale; and a 1,000 linear foot railroad siding.

These yard and outside elements are counted as one noncontributing resource to the nomination, because the time of their construction postdates National Register requirements.

Four of these resources stand out visually--the east elevation of the Finishing and Sorting Building (Building #8), the Electric Annealing Building (Building #7), the Pattern Shop (Building #6), and the Office (#15). This is because these buildings were originally designed to form the facade of the factory. They face North Ninth Street and share the same setback line.

These buildings also share other physical characteristics, which contribute visual regularity to this facade. The monitor roofed Finishing and Sorting Building is constructed of red-orange colored brick. Although it features a front gable roof, a boomtown front masks this configuration and lends a decorative note to the building's facade. The Electric Annealing Building is constructed of red-orange colored brick. It shares a common wall with the Finishing and Sorting Building. The Pattern Shop is also constructed of red-orange brick and features a front gable roof with a stepped gable end. The brick of this building is a red-orange color, and the stepped gable is topped with precast stone caps. The Office is also constructed of red-orange colored brick. Its centrally situated main entrance features a stone surround with the words "Iowa Malleable Iron Company" in metal letters above the door. Although the Office possesses a flat roof, its 2-story height compliments that of the other two buildings of the factory's facade.

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Iowa Malleable Iron Company, Jefferson County, Iowa.

Although this property possesses a number of noncontributing resources, they are functionally related and do not substantially impact the visual appearance of this property and should be considered acceptable for National Register purposes. Most of the new elements are situated behind the historic facade of the factory. The largest modern element, Building #1, is situated to the north of the historic factory and can be clearly read as a separate element from it. Although Building #1 is intrusive, it does not substantially detract from the historic factory's overall appearance. It should also be borne in mind that one can expect changes at an historic factory which has remained in operation into the 1990s.

Presently the Iowa Malleable Iron Company is in poor condition. Not-in-use and vacant since about 1992, some of its windows are now broken, and the interior is exposed to the elements.

The Iowa Malleable Iron Company filed for bankruptcy in 1992 and the title to this property is now clouded.

The interior of this property was neither inspected nor evaluated, because access was not available.

SITE

This factory is situated on an irregularly-shaped, large tract of land bounded by North Ninth Street on the east, the Burlington Northern railroad tracks on the south, North Twelfth Street on the west, and West Stone Avenue on the north. The factory is situated on the west side of North Ninth Street and faces east.

The 1927 Sanborn fire insurance map shows the configuration of the factory in that year. A comparison of that map (see Continuation Sheet 7-11) with the factory's present configuration (see Continuation Sheet 7-8) shows that new construction has taken place on its western and northern fringes.

The immediate surroundings of the Iowa Malleable factory are generally level in topography. The Burlington Northern Railroad tracks abut the property on the south. U.S. Highway 34--which is West Burlington Avenue in Fairfield--is located six blocks to the south. It serves as an east-west artery through Fairfield. The immediate surroundings of the factory is mixed use. Another factory building is also located on North Ninth Street directly south of the railroad tracks, and other industrial operations are also located nearby. Much of this neighborhood remains residential, with single-family dwellings predominating.

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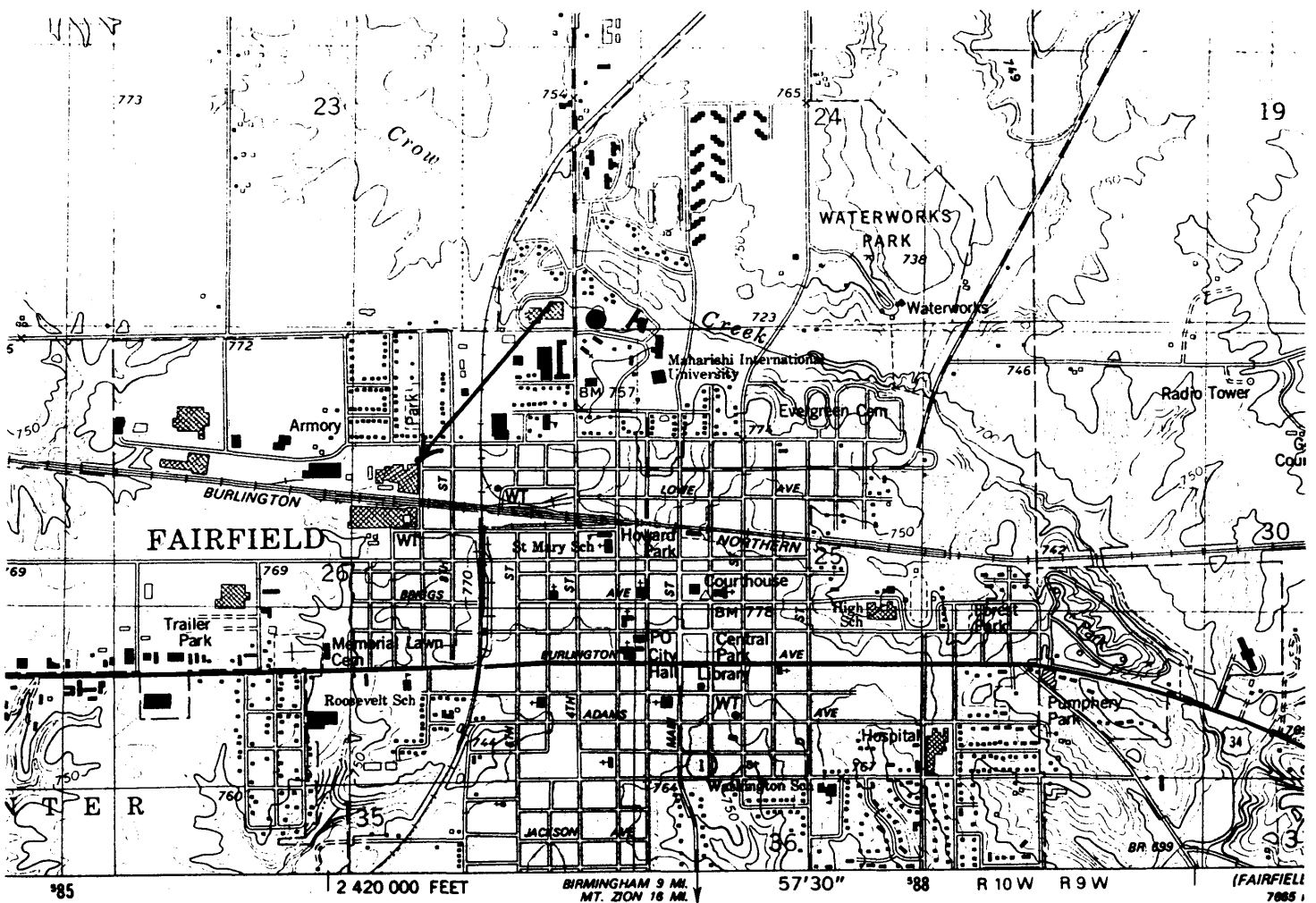
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Iowa Malleable Iron Company, Jefferson County, Iowa.

SITE MAP

ARROW LOCATES PROPERTY



Source: U.S.G.S. Map (7.5 Minute Series), Fairfield North Quadrangle, 1980.

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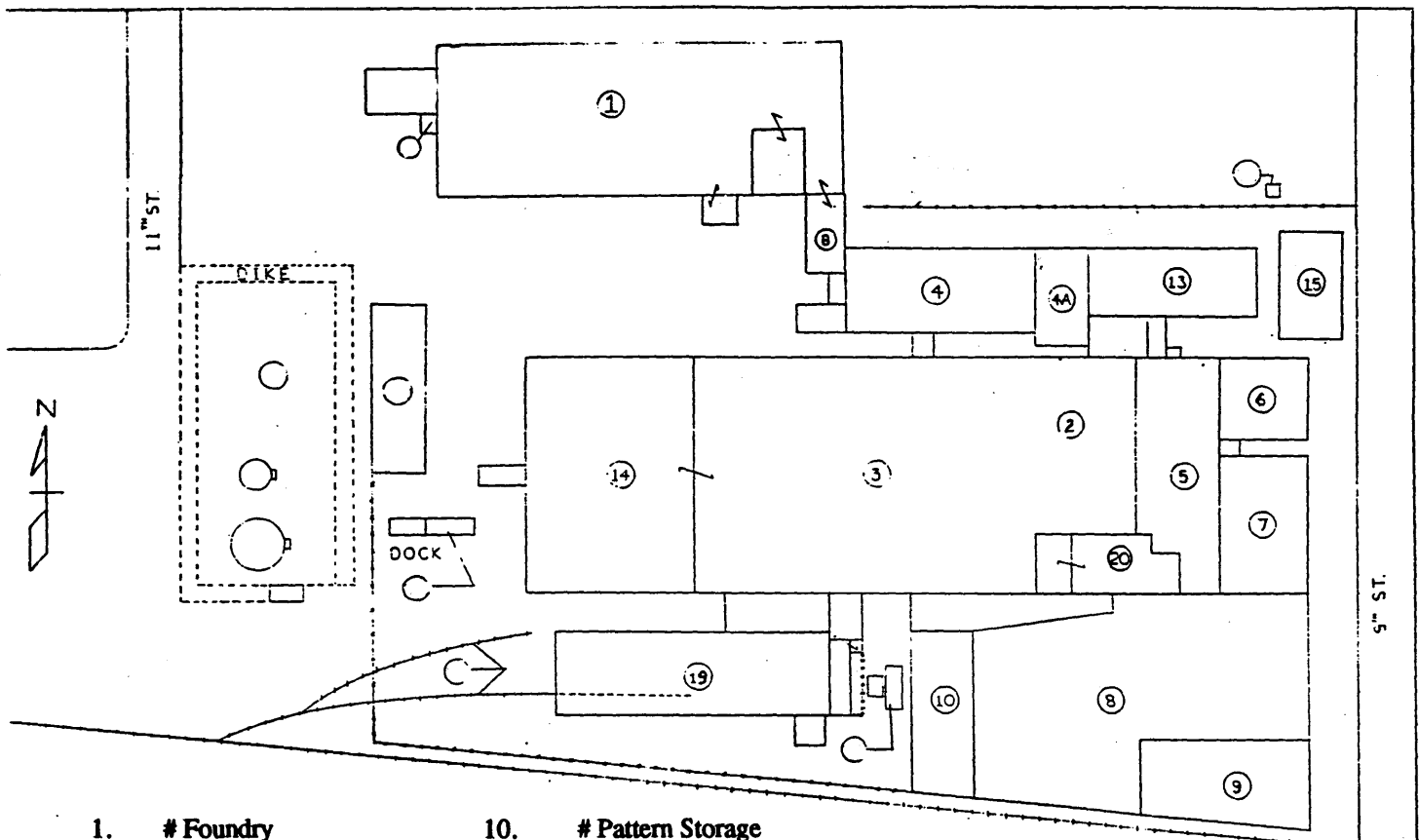
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Iowa Malleable Iron Company, Jefferson County, Iowa.

FACTORY AND ITS RESOURCES

CIRCLED NUMBERS ON THIS PLAN REFER TO RESOURCES AS NUMBERED IN THE PHYSICAL DESCRIPTION.



- | | |
|-------------------------------|--------------------------------|
| 1. # Foundry | 10. # Pattern Storage |
| 2, 3, 14. * Foundry & Storage | 13. * Pattern Vault |
| 4. * Core Room | 15. * Office |
| 4A. # Core Storage | 19. # Annealing |
| 5. * Grinding | 20. * Compressor & Boiler Room |
| 6. * Pattern Shop | # Yard & Outside |
| 7. * Electric Annealing | |
| 8. * Finishing & Sorting | |
| 9. # Shipping | |

IOWA MALLEABLE IRON CO.
FAIRFIELD, IOWA
SCALE-1"=50' 1997
VANGUARD APPRAISALS, INC



Source: Vanguard Appraisals, Inc. and the Jefferson County Assessor's Office, Fairfield, Iowa.

An asterisk (*) indicates a contributing resource. A pound sign (#) indicates a noncontributing resource.

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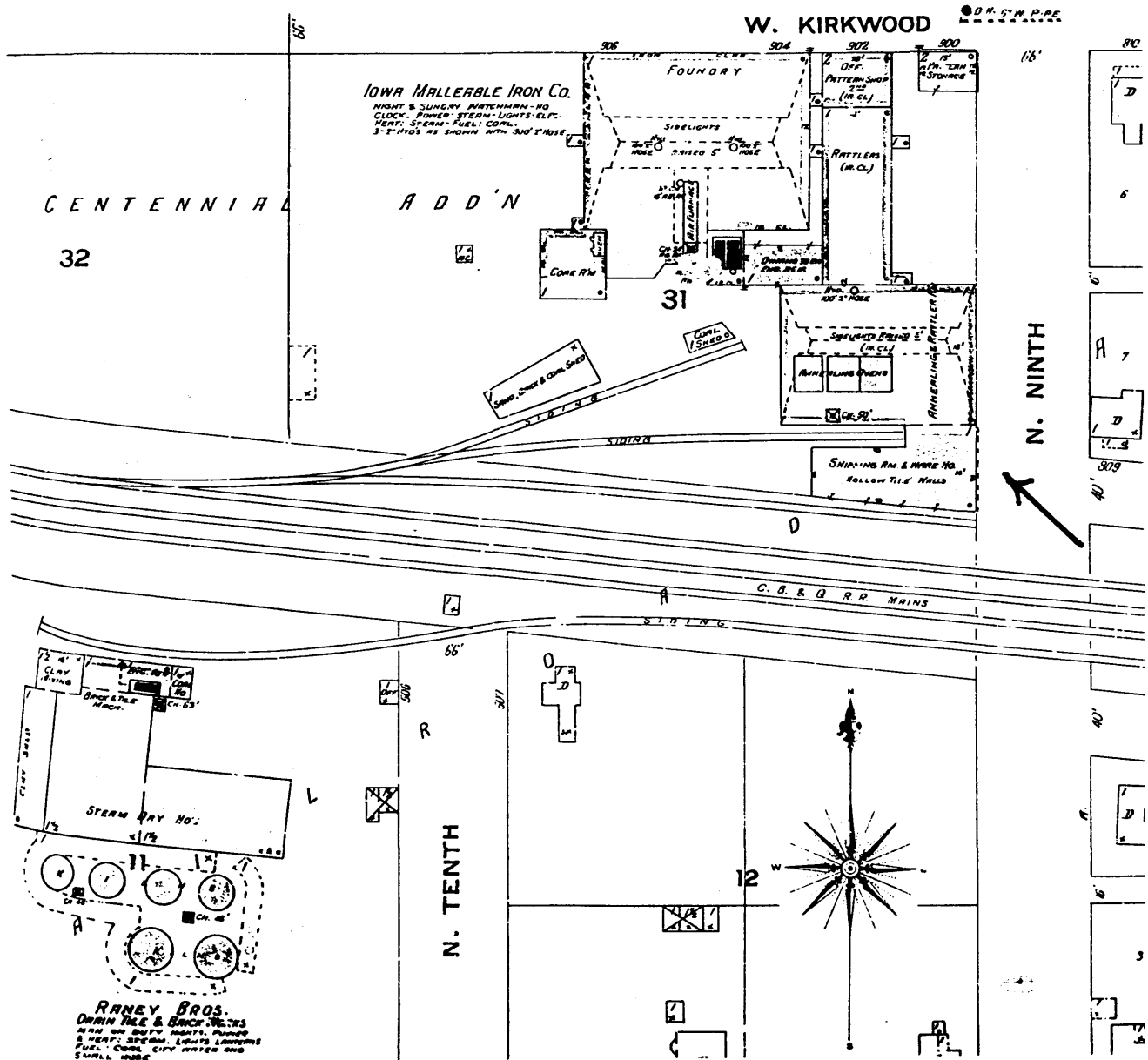
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Iowa Malleable Iron Company, Jefferson County, Iowa.

1907 FIRE INSURANCE MAP

ARROW LOCATES PROPERTY



Source: Sanborn Map Company, Fairfield, Iowa, 1907.



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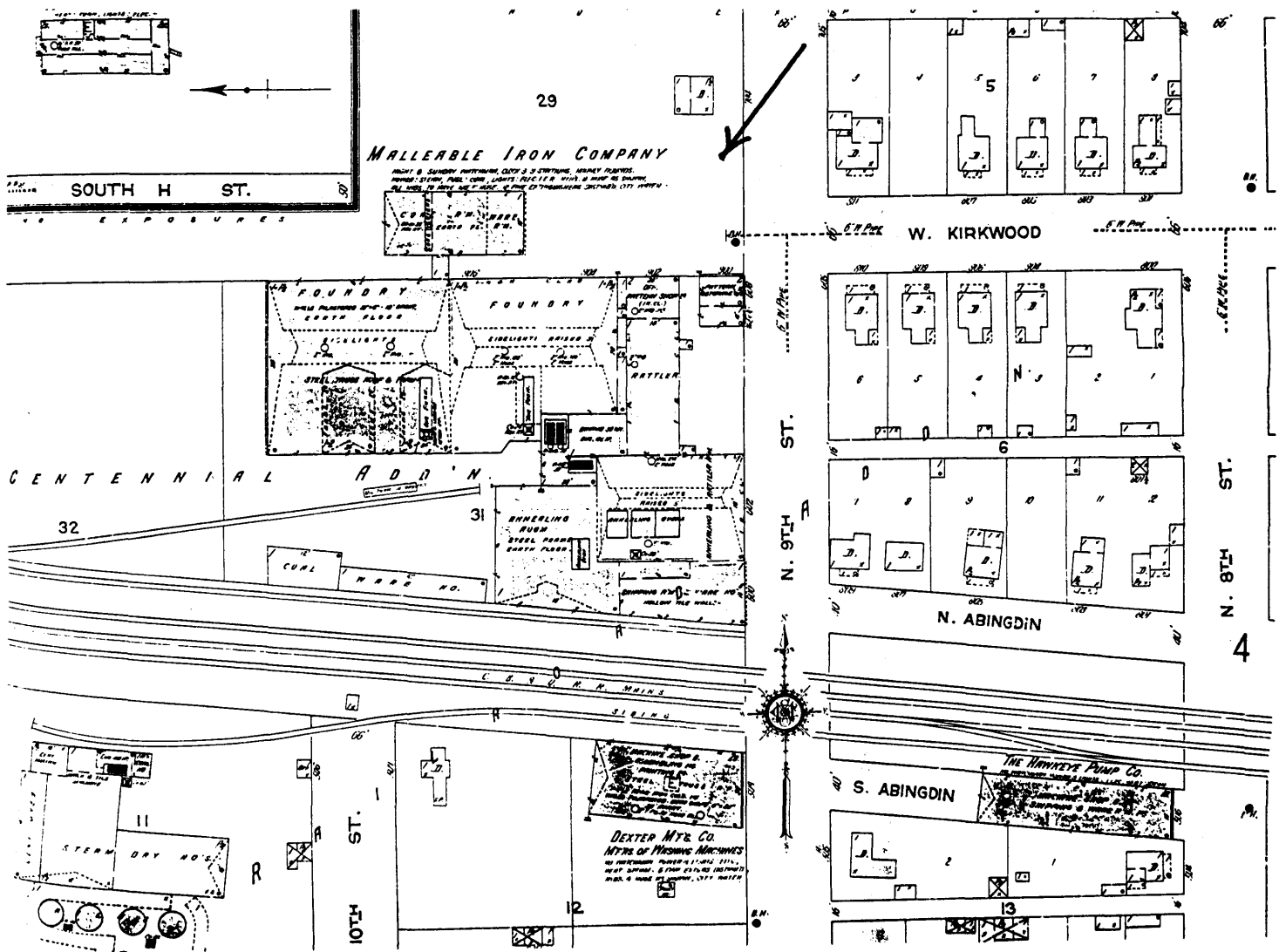
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Iowa Malleable Iron Company, Jefferson County, Iowa.

1913 FIRE INSURANCE MAP ARROW LOCATES PROPERTY



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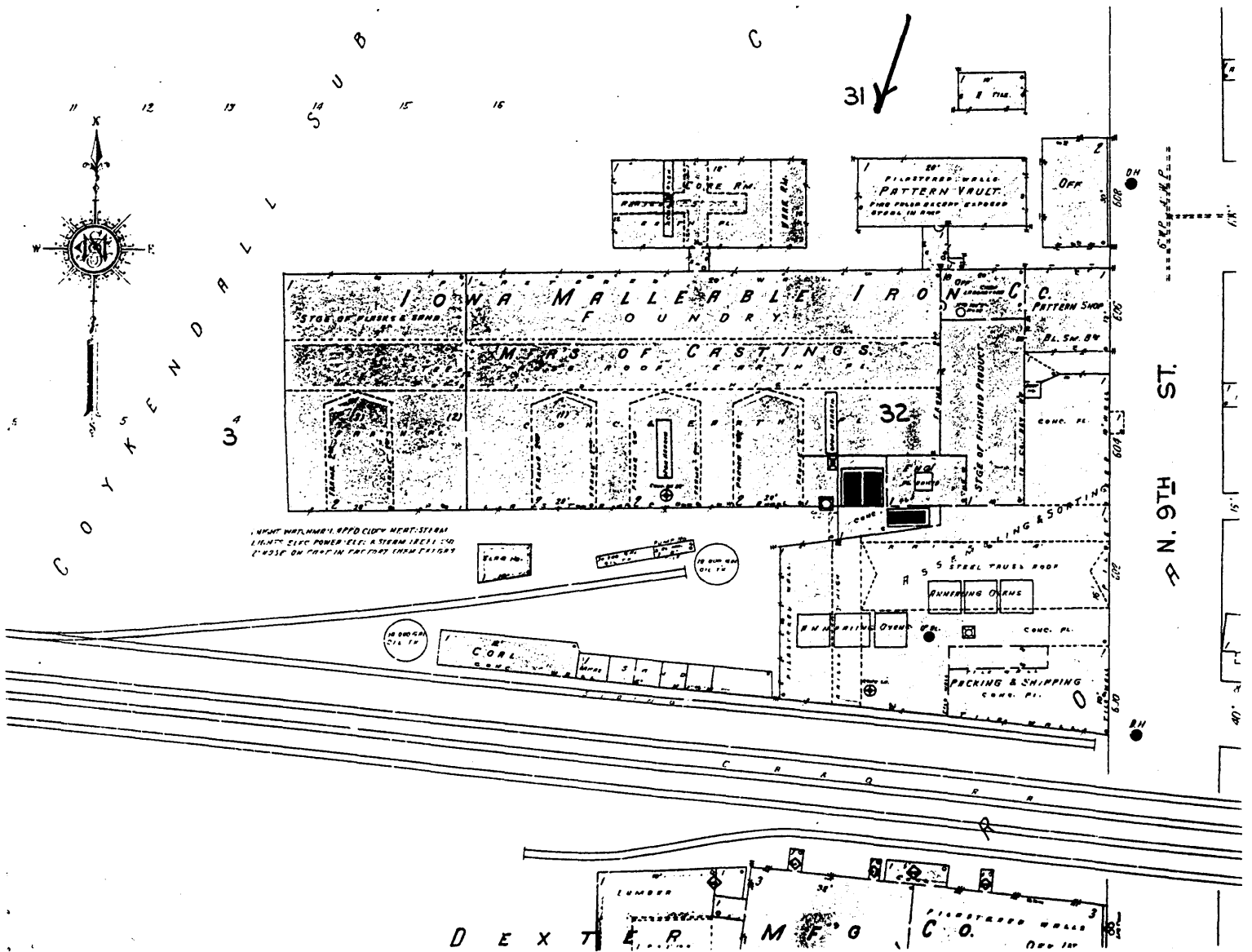
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Iowa Malleable Iron Company, Jefferson County, Iowa.

1927 FIRE INSURANCE MAP

ARROW LOCATES PROPERTY



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CONTINUATION SHEET**

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Iowa Malleable Iron Company, Jefferson County, Iowa.

SUMMARY OF SIGNIFICANCE

Completed and first occupied in 1904 as an industrial foundry, the Iowa Malleable Iron Company possesses historical significance, under National Register Criterion A. The firm produced malleable iron castings for agricultural implement manufacturers in the Midwest, including the Loudon Machinery Company, and contributed to that region's growth during the first half of the Twentieth Century as a center for manufacturing agricultural equipment. It was reportedly the first malleable iron foundry of its kind between the Mississippi River and Pueblo, Colorado. (Welty:291) The Iowa Malleable Iron Company is significant within the context of the Loudon Machinery Company because it was established in a large part by the officers of that firm, and the Loudon family remained in close association with Malleable throughout its history. The Iowa Malleable Iron Company is historically significant because it shows how the Loudon Machinery Company contributed to the economic development of Fairfield. By circa 1910, the firm employed more than six dozen factory workers and stood as one of the largest employers in the city. (See cover document.)

The period of significance, under Criterion A, for the Iowa Malleable Iron Company is 1904 through 1948, the time within the National Register's 50-year requirement in which the company manufactured castings.

The property contains 9 contributing resource and 6 noncontributing resources for this nomination.

INDUSTRY

Iowa Malleable Iron Company was a venture of Fairfield industrialists, led by officers of the Loudon Machinery Company, and of industrialists in Ottumwa, Iowa, primarily Dain Manufacturing (which subsequently became a part of John Deere). These industries had the need for malleable iron casting and could not find suitable quality at a suitable price elsewhere. The Iowa Malleable Iron Company is historically significant, within the context of the Loudon Machinery Company, because it illustrates how progressive leaders in that firm brought related lines of manufacturing to the Fairfield area, contributing to the local economy.

Malleable iron has an advantage over cast iron insofar as it possesses elasticity. This property is important for certain component parts of machines, whose stress points require this quality. Many of the Loudon Machinery Company's products required malleable iron.

Prior to 1904, the Loudon Machinery Company had contracted with out-of-state firms to produce these parts. At this same time, the Dain Manufacturing Company of Ottumwa, Iowa, experienced similar needs for malleable iron and costs associated with them. Dain also manufactured agricultural implements. (It was later acquired by John Deere and continues in operation today in Ottumwa.) Pooling resources and expertise, the management of Loudon, Dain, and other local capitalists purchased the equipment of a malleable iron foundry in St. Catherine's, Ontario, Canada, and brought it to Fairfield. The officers of the new company included the following:

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CONTINUATION SHEET

Section number 8 Page 13

CFN-259-1116

Iowa Malleable Iron Company, Jefferson County, Iowa.

Iowa Malleable Iron Company Original Officers

<u>Name</u>	<u>Office</u>
William Louden	President
Joseph Dain	Vice-President
Thomas Louden	Secretary-treasurer
C. J. Fulton	Auditor

Source: Welty, p. 291.

From this time forward, the Louden family played a key role in the ownership and operations of the firm. For example, the firm's presidency has included the following:

Presidents of Iowa Malleable Iron Company

- William Louden
- R. B. Louden
- Walter Louden
- Walter V. Hughes
- Arthur C. Louden
- William L. Fry
- Thomas A. Louden

William L. Fry was a grandson of William Louden and a great nephew of R. B. Louden. Walter Louden was a nephew of R. B. Louden and William Louden. Other Louden family members have also served as officers of the company. In the 1940s, for example, R. Bruce Louden, president of the Louden Machinery Company and the only son of William Louden, also served as the vice president of Iowa Malleable. More recently, Thomas A. Louden, a great nephew of R. B. Louden and William Louden, served as president. Walter V. Hughes is the one exception in the list above, who was not a member of the extended Louden family. Hughes served as superintendent of the factory from 1916 to 1940. At that time, he also assumed the presidency of the firm as well and served in those capacities until his death in 1945. (*Ibid.*:291)

By circa 1910, Iowa Malleable Iron Company had grown to become one of the largest employers in Fairfield. An historic photograph from that period pictures more than six dozen foundrymen, posing for a "class picture." (See Continuation Sheet 8-16.) An additional number of employees served in management and clerical positions.

The presence of Iowa Malleable in Fairfield fostered other industry. For example, August Van Lantschoot, who had worked at Malleable for 40 years, left the firm in 1946 and with his wife Martha and George Hammon, another long-time Malleable employee, founded the Fairfield Aluminum

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**NATIONAL REGISTER OF HISTORIC PLACES
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Iowa Malleable Iron Company, Jefferson County, Iowa.

Castings Company (FALCO). This firm produced metal castings of aluminum for local and national manufacturers. (Welty:298-299) By 1964, FALCO had constructed eight new factory additions to its original building. (*Ibid.*) Lantschoot originally emigrated to Fairfield from his native Belgium to work at the new Iowa Malleable Iron Company. He was promoted to superintendent of the plant in 1926 and remained at that post until 1945. As an aside, other Belgians also emigrated with Lantschoot to work at Malleable. According to one local historian:

Several of the early skilled molders were Belgian immigrants whose homes soon became known for fine gardens and the cotes in which they raised pigeons for food and racing.
(*Ibid.*)

As to the architecture of the Iowa Malleable Iron Company itself, the factory consists of numerous units, whose siting and construction show careful regard to efficiency. The entire complex is located directly north of the former Chicago, Burlington, and Quincy Railroad (now Burlington Northern). This location provided efficient transportation for raw materials into the factory and finished goods out of it. This location was also within eight city blocks of the Loudon Machinery Company, one of the firm's chief customers.

The Iowa Malleable Iron Company also shows a regard for architectural compatibility among its component parts. The factory's facade is now centered by the Pattern Shop (Building #6). Constructed circa 1910, this building is situated at 606 North Ninth Street. The height of its stepped, boomtown front and the building's location near the center of the factory's facade give prominence to this building. This facade line was lengthened in 1924 by the construction of an Office (Building #15) at 608 North Ninth. Its keeping of a common setback, red-colored brick, and 2-story height added compatible elements to the factory's facade. Actually, the units at 600 and 602 North Ninth predated the Pattern Shop and Office. The Annealing Room at 602 North Ninth (Building #8) and the Shipping Room at 600 North Ninth (Building #9) were part of the original factory. By 1927, therefore, the facade of the Iowa Malleable Iron Company had taken on the appearance as seen today and shown on a fire insurance map for that year. (See Continuation Sheet 7-11.) Through these years, the foundry, annealing, warehousing, and most of the other industrial functions of the factory were conducted in buildings at the rear and not directly visible from North Ninth Street.

Given the close association between the Iowa Malleable Iron Company and the Loudon Machinery Company it seems probable that Malleable's factory was designed by professionals working at Loudon. This attribution remains as yet undocumented.

REPRESENTATION IN OTHER CULTURAL RESOURCES SURVEYS

This factory was surveyed on Iowa Site Inventory Form #51-012-23 in 1981 as part of an architectural survey of Fairfield, Iowa, by the Area XV Regional Planning Commission. That survey evaluated this resource as lacking sufficient architectural significance for National Register eligibility. The historical

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survey of that resource, however, noted that the Iowa Malleable Iron Company possessed historical significance because of its associations with industry. (Area XV Architectural Surveys)

This factory was also surveyed in 1996 as part of the "Louden Machinery Company, Fairfield, Iowa" hybrid reconnaissance and intensive surveys of that historic context within Jefferson County, Iowa. As one resource within that survey, this factory was evaluated as individually eligible, under Criterion A, for nomination to the National Register of Historic Places. The State Historical Society of Iowa was informed of this determination through the survey report and an Iowa Site Inventory Form.

POTENTIAL FOR HISTORICAL ARCHAEOLOGY

Although the site's potential for historic archaeology is, as yet, unevaluated, the site identification of other ancillary structures associated with this property is slight. Living memory has documented that no other resources have stood on this site.

FURTHER RESEARCH AND REGISTRATION ACTIVITIES

Further research might differentiate the layouts of cast iron foundries, malleable iron foundries, and steel plants.

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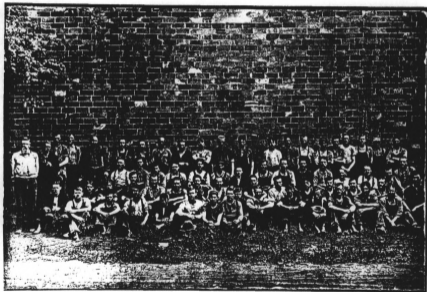
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Iowa Malleable Iron Company, Jefferson County, Iowa.

IOWA MALLEABLE EMPLOYEES

CIRCA 1910



This photograph pictures 64 employees of the Iowa Malleable Iron Company and documents the many jobs this firm brought to Fairfield. The one worker identified, William Droz, is located in the second (middle) row, fourth from the left.

Source: Anonymous.

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Iowa Malleable Iron Company, Jefferson County, Iowa.

BIBLIOGRAPHY

Please refer to Section I of the Multiple Property Documentation Form for complete bibliography.

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1885, 1892, 1899, 1907, 1913, and 1927.

SECONDARY

Area XV Regional Planning Commission; *Architectural and Historical Surveys of Fairfield, Iowa*; 1981. Report on file at the State Historical Society of Iowa, Des Moines.

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Vanguard Appraisals, Inc.; *Iowa Malleable Iron Co., Fairfield, Iowa, Jefferson County*, 1997. On file at the Jefferson County Assessor's Office, Fairfield, Iowa.

Welty, Susan Fulton; *A Fair Field*; Harlo Press; Detroit, Michigan; 1968.

ORAL HISTORY

Louden, Thomas A.; Oral informant interview with William C. Page, April 12, 1996. Loudon was associated with the management of Iowa Malleable Iron Company for a number of years.

Phillips, James F.; Oral informant interview with William C. Page, February 25, 1998. Now based in Minneapolis, Minnesota, Phillips serves as an executive in the foundry business and shared information about malleable iron and the processes of its fabrication.

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Iowa Malleable Iron Company, Jefferson County, Iowa.

VERBAL BOUNDARY DESCRIPTION

Blocks 29, 30, 31, and 32 in the Centennial Addition to the City Fairfield, Iowa. Also Blocks 1, 2, and 3 and vacated streets and alleys in Coykendall's Addition to the City of Fairfield, Iowa. This tract can also be described as bounded by North Ninth Street on the east, West Stone Avenue on the north, North Twelfth Street on the west, and the former Chicago, Burlington, and Quincy railroad tracks on the south.

BOUNDARY JUSTIFICATION

Contains all land associated historically with the resource.

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Iowa Malleable Iron Company, Jefferson County, Iowa.

LIST OF PHOTOGRAPHS

1. Iowa Malleable Iron Company
600-608 North Ninth Street
Fairfield, IA 52556
Streetscape
Looking northwest
William C. Page, Photographer
January 29, 1998

2. Iowa Malleable Iron Company
600-608 North Ninth Street
Fairfield, IA 52556
Electric Annealing (Building #7)
Looking southwest
William C. Page, Photographer
January 29, 1998

3. Iowa Malleable Iron Company
600-608 North Ninth Street
Fairfield, IA 52556
Pattern Shop and Office (Buildings #6 & #15)
Looking northwest
William C. Page, Photographer
January 29, 1998

4. Iowa Malleable Iron Company
600-608 North Ninth Street
Fairfield, IA 52556
Looking east northeast
William C. Page, Photographer
January 29, 1998