

252

FEB 3

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
REGISTRATION FORM

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" in the appropriate box or by entering the information requested. If any 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 Kirkpatrick, Robert Round Barn

other names/site number Dighton barn, Iowa site inventory #28-00022

2. Location

street & number 3342 - 120th Avenue

not for publication N/A

city or town Coggon

vicinity N/A

state Iowa

code Iowa

county Delaware code 055

zip code 55218

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1966, 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.)

Rowell J. Lorke
Signature of certifying official

February 22, 2005
Date

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 commenting or other official Date

State or Federal agency and bureau

4. National Park Service Certification

I, hereby certify that this property is:

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

Edson H. Beall *4/6/05*

Signature of Keeper

Date of Action

5. Classification

Ownership of Property (Check as many boxes as apply)

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

Category of Property (Check only one box)

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

Number of Resources within Property

Contributing	Noncontributing
<u> 1 </u>	<u> 0 </u> buildings
<u> </u>	<u> </u> sites
<u> </u>	<u> </u> structures
<u> </u>	<u> </u> objects
<u> 1 </u>	<u> 0 </u> Total

Number of contributing resources previously listed in the National Register 0

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

Iowa Round Barns: The Sixty Year Experiment TR

6. Function or Use

Historic Functions (Enter categories from instructions)

Historic Functions (Enter categories from instructions)

Cat: Agriculture/Subsistence

Sub: animal facility

Current Functions (Enter categories from instructions)

Cat: Agriculture/Subsistence

Sub: animal facility

7. Description

Architectural Classification (Enter categories from instructions)

OTHER: round barn

Materials (Enter categories from instructions)

Foundation CONCRETE

Roof ASPHALT

Walls TERRA COTTA

other _____

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

8. Statement of Significance

Applicable National Register Criteria (Mark "x" in one or more boxes 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" in all the boxes that apply.)

- A owned by a religious institution or used for religious purposes.
- B removed from its original location.
- C a birthplace or a 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)

ARCHITECTURE

Period of Significance

1919

Significant Dates

1919

Significant Person (Complete if Criterion B is marked above)

N/A

Cultural Affiliation

Architect/Builder

UNKNOWN

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

9. Major Bibliographical References

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

Previous documentation of file (NPS)

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

Primary Location of Additional Data

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

Name of repository: _____

10. Geographical Data

Acreage of Property Less than one

UTM References (Place additional UTM references on a continuation sheet)

	Zone	Easting	Northing		Zone	Easting	Northing
1	<u>15</u>	<u>618870</u>	<u>4683730</u>	3	—	—	—
2	—	—	—	4	—	—	—

- See continuation sheet

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 Lowell J. Soike, Ph.D. Historian

organization State Historical Society of Iowa

date 4/25/2000—9/8/2004

street & number 600 E. Locust

city or town Des Moines

state Iowa

zip code 50319-0290

telephone number 515/281-3306

e-mail address Lowell.Soike@iowa.gov

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

name/title David Dighton

street & number 3342 – 120th Avenue

city or town Coggon

state IA

zip code 55218

telephone number 319/435-2184

e-mail address _____

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 the 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 Project (1024-0018), Washington, DC 20503.

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet

Kirkpatrick Round Barn
Delaware County, Iowa

Section number 7, 8 Page 1

Narrative Description

The Robert Kirkpatrick round barn is located at the southern edge of Delaware County about three miles northeast of Coggon. In a farmstead setting, it served for many years as a dairy barn. Presently it is used as a horse barn.

The true-round barn rests on a poured concrete foundation. Its walls are of hollow-clay tile constructed in the manner of that practiced by the Johnson Brothers Clay Works near Fort Dodge, Iowa. This construction design featured smaller dark red clay tile in the lower story and larger size tile above. The barn measures 60-feet in diameter and is 40-feet tall. The roof with an attractive hay dormer is of a two-pitch gambrel type that extends up to a 14-foot diameter central silo topped with a concrete cap.

Within the barn, the lower level is arranged in circular fashion around the central silo. A feed bunk into which silage was shoveled encircles the silo with one portion (about one-fourth) divided off and devoted to a feed pen. Native oak stanchions surround the silo, from which silage was shoveled for feeding the cattle. Above, loft floor joists radiate outward from the silo, first to a curved laminated beam at the interior's center and from there extending to the outer hollow clay tile exterior walls.

In 1972 the owner had a roofing company cover the wood shingles with asphalt shingles. Since then, although the barn is in overall sound condition, the roof has subsequently suffered wind damage and is in deteriorated condition. Broken panes of glass have been replaced in the original windows in the last several years and a new sliding 10-foot door on the north. All other doors are original.

Statement of Significance

The property is locally significant under criterion C as a surviving example of a type of round barn construction mainly found in Iowa, namely the true-round variety built with hollow clay tile walls. It is one of sixteen such barns built in the style associated with the Johnson Brothers Clay Works, of Fort Dodge, Iowa. The firm's model design used two sizes of tile, a smaller tile in the lower story and a larger tile above.

Hollow clay tile round barns became a distinctive trait of Iowa's round barns compared to those found elsewhere. This era of agricultural prosperity coincided with the state's leadership in clay tile production, which resulted from prosperous demand for tile to drain Iowa's many wetlands in order to expand cultivation in the area's rich soils. Here in Iowa, the hollow clay tile silo was developed by clay tile manufactures in cooperation with farm building specialists at Iowa State University and it gained immense popularity. In similar fashion, the idea for constructing hollow tile "silo" barns took hold and encouraged providers to market tile for building construction as well. The Kirkpatrick farm round barn exemplified this period of building tile construction.

Robert Kirkpatrick, a cattle raiser with innovative bent of mind, began planning to expand his facilities about the time of the end of World War I. His daughter, Irene Kirkpatrick Dighton, recalled the events:

Dad fattened cattle every year, then they were driven to Coggon and went on the Illinois Central to Chicago, and Dad went too. He wanted to build a feeding barn and spent hours drawing floor plans. Cement sides had already been poured for a long barn to the north of the silo when this round barn idea came up. Ransom Trumbull [a neighbor who also built a round barn in 1918] and Dad went on an over-night train trip to Rockwell City, Iowa. From there they were to be taken to inspect several round barns near there. It was built in 1919.

Once the building was up, Robert Kirkpatrick and his son, with team and dump-board wagon, hauled sand from the Buffalo River one-half mile to the north to put in a concrete floor. For this they used a large gasoline engine and a cement mixer. Then, using native lumber, he finished out the interior spaces. Up in the haymow, he installed a circular hay track with a connecting track to the east hay door. Ultimately, this proved troublesome, as his daughter remembered that "pulling the rope back when putting in loose hay was a chore I detested" because "you had to pull very fast until the fork got by the curve, or it stuck; then you started all over again."

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet

Section number 8,9,10 Page 2

Kirkpatrick Round Barn
Delaware County, Iowa

As for the farm itself, Robert and Jennie Light Kirkpatrick purchased it in 1907 from Willis Newbauer. Only the house and barnyard were there at that time. Kirkpatrick cleared the land, hauled rocks to the creek, and installed all the fences. He built a frame barn—still in use—for which some of the lumber came from tearing down a livery barn in Coggon. In 1915 Robert Kirkpatrick built an addition to the house, after which he completed the round barn in 1919. The leftover tile Kirkpatrick used to build a scale house.

In 1935, according to *The Story of Coggon* (1982), Duane Dighton took over the operation of the farm following his marriage to the Kirkpatrick's youngest daughter, Irene. In subsequent years, the family's farm operators laid considerable tile to increase the tillable acres and installed modern milking equipment in the frame barn. And gradually they increased the size of the dairy herd along with improving the milking equipment. Broken panes of glass have been replaced in the original windows in the last several years and a new sliding 10-foot door on the north. All other doors are original. The roof is deteriorating rapidly.

Bibliography

Soike, Lowell J. *Without Right Angles*. Des Moines: Iowa State Historical Department, 1983.

The Story of Coggon, 125 years Quasquicentennial 1857-1982. Coggon, Iowa, 1982

Letter from Irene Kirkpatrick Dighton, Brookdale Farm, Coggon, Iowa, March 11, 1983, in SHPO file.

Verbal boundary description

The nominated boundary of the round barn is a circle 80 feet in diameter, based on the center point of the barn, and excluding any detached nearby buildings. It is located in Section 33 (SW ¼ of NW ¼) Adams Township (T87N, R6W), Delaware County.

Verbal boundary justification

The nominated property includes only the subject round barn on the parcel historically associated with the building. No other structures or buildings are within this boundary.

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet

Kirkpatrick Round Barn
Delaware County, Iowa

Section number Add'l Page 3



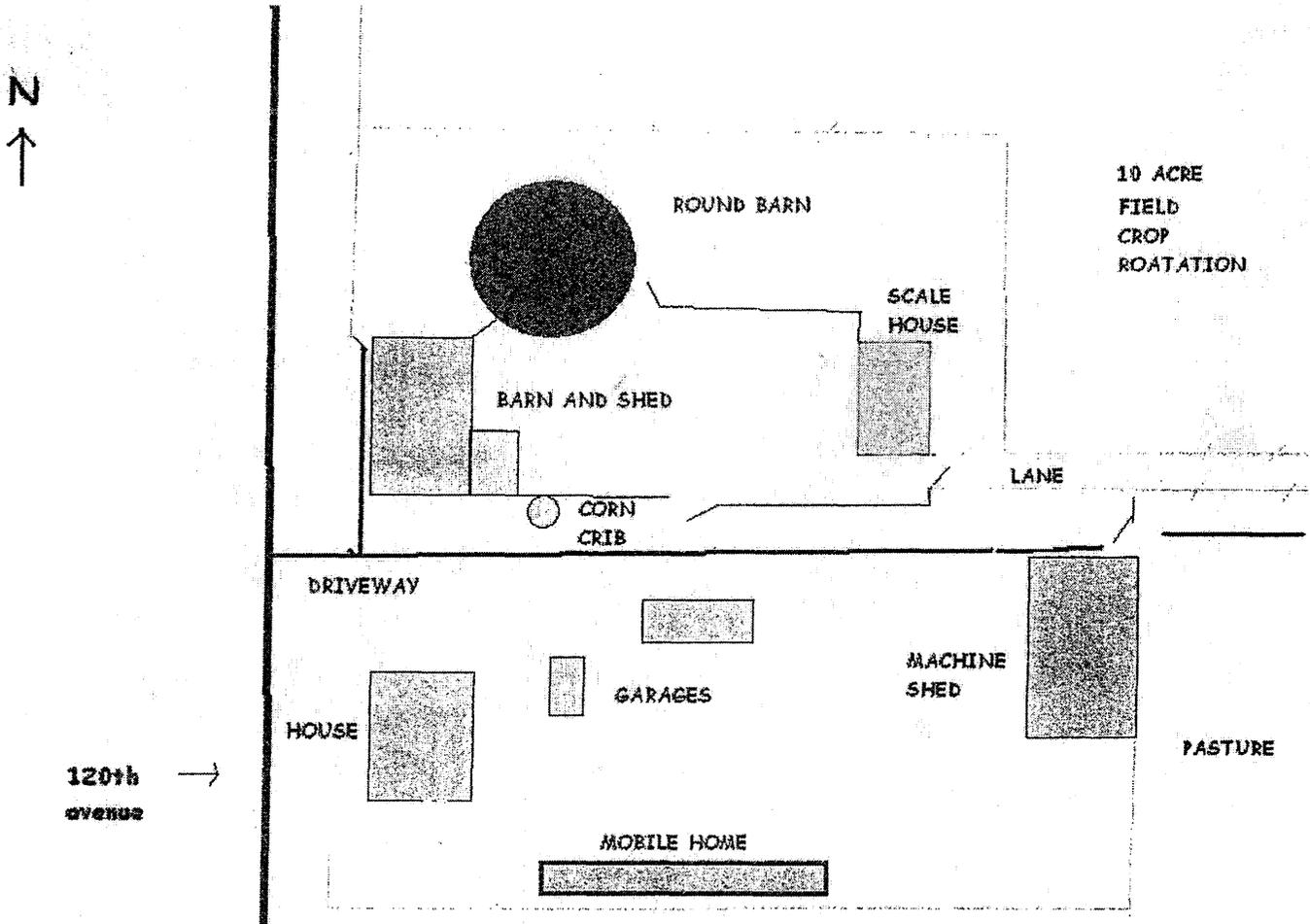
Aerial Photograph - Date Unknown - Photographer Unknown
Property of Dave Dighton

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet

Kirkpatrick Round Barn
Delaware County, Iowa

Section number Add'l Page 4



NOT TO SCALE

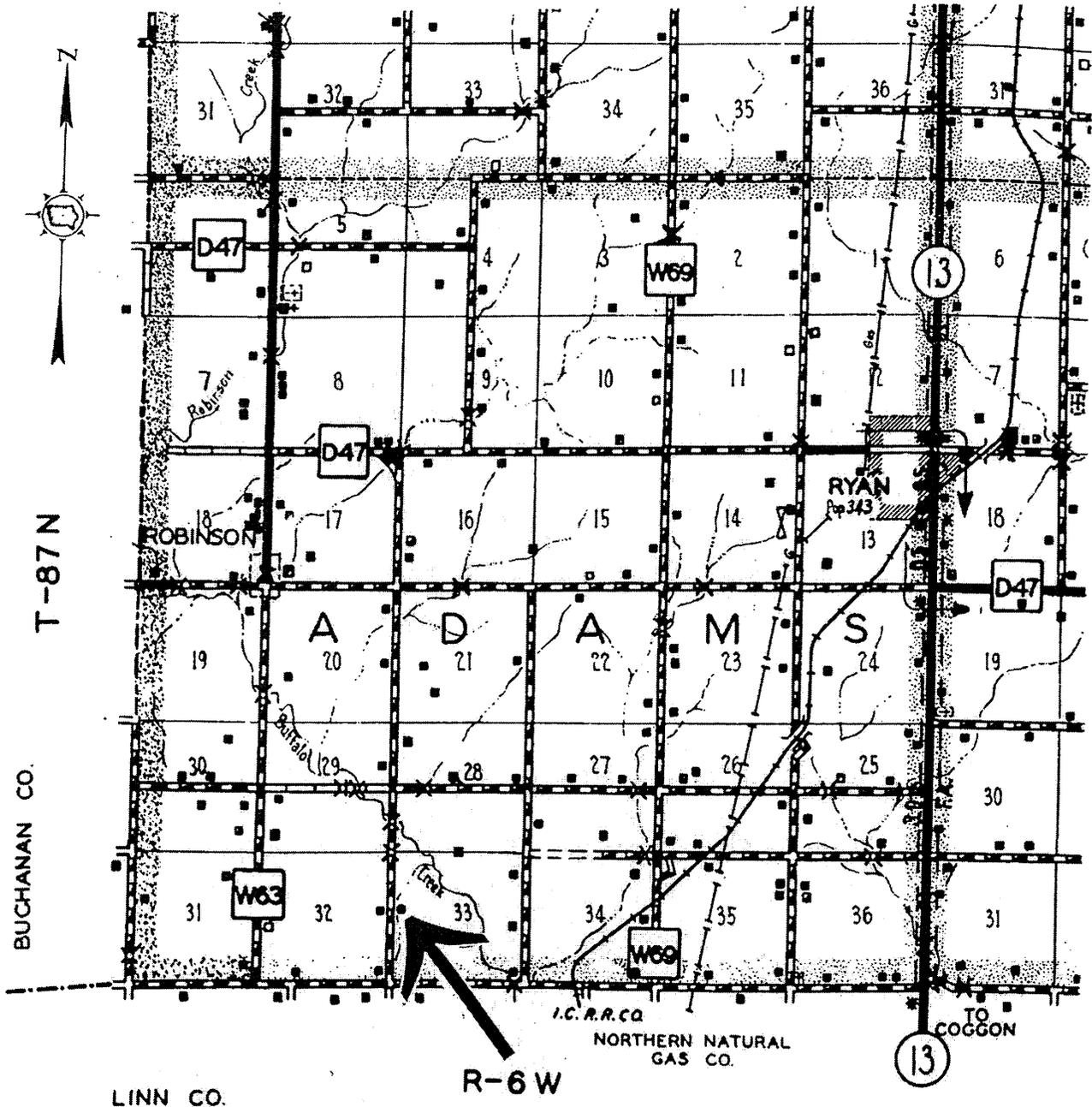
Site Map
Property of Dave Dighton
2004

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet

Kirkpatrick Round Barn
Delaware County, Iowa

Section number Add'l Page 5



Location of Robert Kirkpatrick round barn

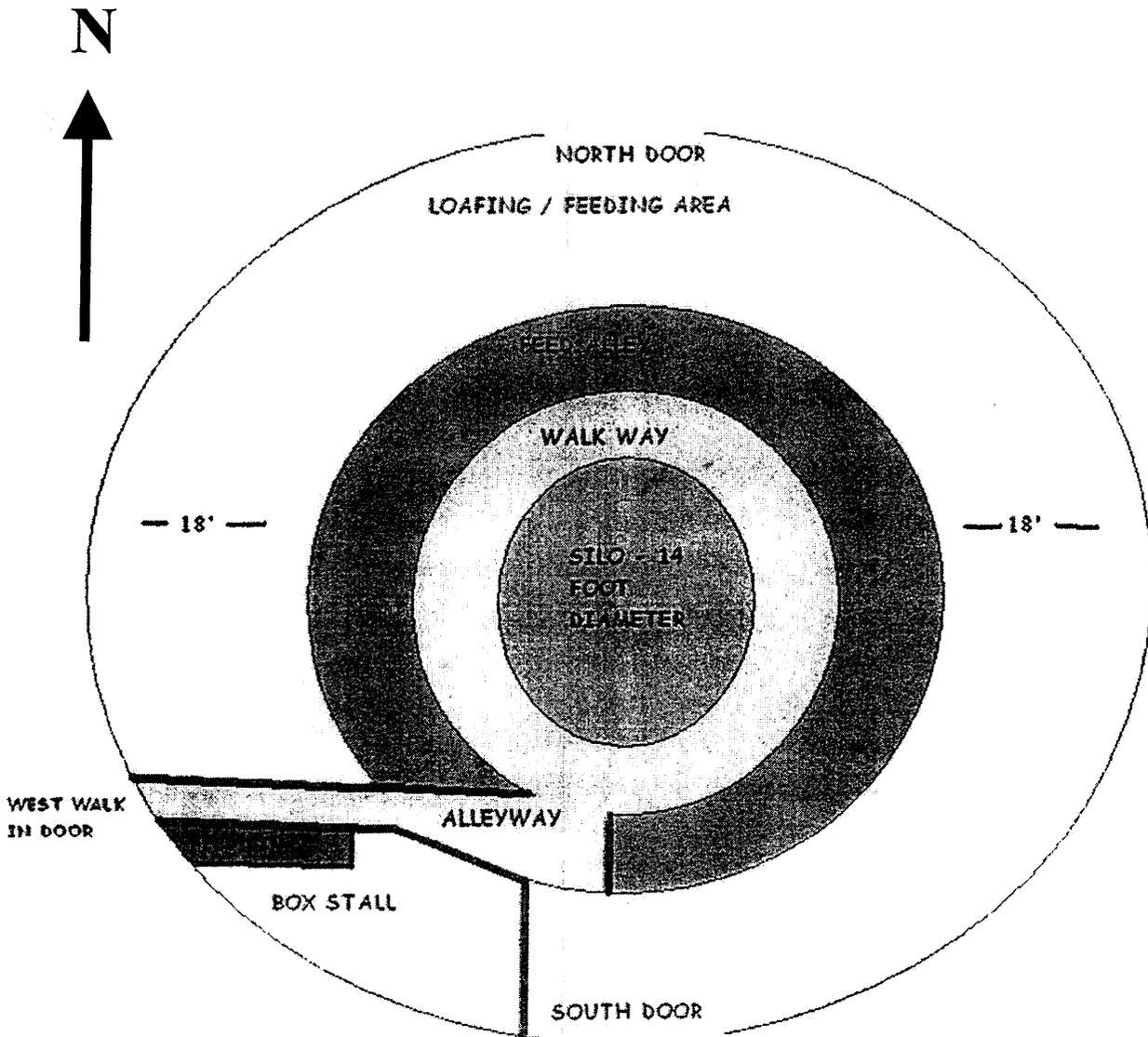
Source: Adams Township excerpt from Iowa Department of Transportation Map of Delaware County, Iowa, 1975

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet

Kirkpatrick Round Barn
Delaware County, Iowa

Section number Add'l Page 6



Floor Plan
Property of Dave Dighton
2004

**United States Department of the Interior
National Park Service**

**National Register of Historic Places
Continuation Sheet**

Section number Photo Page Page 7

**Kirkpatrick Round Barn
Delaware County, Iowa**

The following information is common to all photographs:

Photographer - Dave Dighton

Date of Photographs - June 24, 2004

Location of Negatives - Dave Dighton

1. Camera looking NE
2. Inside barn, camera looking NE
3. East side of barn, camera looking West
4. East side of barn, camera looking West
5. Northwest side of barn, camera looking SE
6. Northwest side of barn, camera looking SE
7. Southwest side of barn, camera looking NE
8. North side of barn, camera looking South
9. Haymow, camera looking south
10. Haymow dormer, camera looking NE
11. Southside of barn, camera looking slightly NE
12. Southside of barn, camera looking North
13. Southside of barn, camera looking North
14. Inside door, camera looking NW
15. Inside haymow roof, camera pointed SW
16. Inside haymow, camera pointed NW