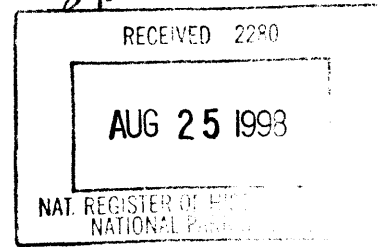


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Resub



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 Bierman Barn

other names/site number N/A

2. Location

street & number 14315 372nd Avenue not for publication
city or town Mansfield vicinity
state South Dakota code SD county Edmunds code 045 zip code 57460

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1986, as amended, I hereby certify that this X 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 X meets does not meet the National Register Criteria. I recommend that this property be considered significant nationally statewide X locally. (See continuation sheet for additional comments.)

Jay D. Voigt 07-17-98
Signature of certifying official Date

State or Federal agency and bureau

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

Signature of commenting or other official Date

name of property Bierman Barn

county and state Edmunds, SD

4. National Park Service Certification

I, hereby certify that this property is:

entered in the National Register Linda McAllister 10/07/98
See continuation sheet.

determined eligible for the National Register
See continuation sheet.

determined not eligible for the National Register

removed from the National Register

other (explain):

Signature of Keeper

Date of Action

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.) N/A

name of property Bierman Barn

county and state Edmunds, SD

=====

6. Function or Use

=====

Historic Functions (Enter categories from instructions)

Cat: Agriculture Sub: Animal Facility

Current Functions (Enter categories from instructions)

Cat: Agriculture Sub: Animal Facility

=====

7. Description

=====

Architectural Classification (Enter categories from instructions)

Other: Barn-Dairy Barn

Materials (Enter categories from instructions)

foundation concrete

roof asphalt

walls barn-wood

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.
X 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 circa 1930

name of property Bierman Barn

county and state Edmunds, SD

Significant Dates 1930

Significant Person (Complete if Criterion B is marked above)
N/A

Cultural Affiliation N/A

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 on file (NPS)

preliminary determination of individual listing (36 CFR 67) has been requested.

previously listed in the National Register

previously determined eligible by the National Register

designated a National Historic Landmark

recorded by Historic American Buildings Survey # _____

recorded by Historic American Engineering Record # _____

Primary Location of Additional Data

State Historic Preservation Office

Other State agency

Federal agency

Local government

University

Other

Name of repository: South Dakota State Historical Society, Pierre, SD

name of property Bierman Barn

county and state Edmunds, SD

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	14	519205	5012865	3		
2				4		

USGS Map Mina SE

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 Cherri L. Brick with Steve Rogers, SHPO Staff
 organization _____ date June 6, 1996
 street & number 14315 372nd Avenue telephone _____
 city or town Mansfield state SD zip code 57460

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)

name of property Bierman Barn

county and state Edmunds, SD

Property Owner

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

name Cherri Brick

street & number 14315 372nd Ave

telephone 605/225-6660

city or town Mansfield

state SD

zip code 57460

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

Section 7 Page 1

Description:

Located on the Bierman-Brick Ranch on North Scatterwood Lake in Edmunds County, South Dakota, the Bierman Barn is a large wood frame animal shelter and hay storage facility. The large, two-story barn features a high gambrel roof constructed with a Shawver-type lumber-truss system. The barn is indicative of a Wisconsin Style Dairy Barn, developed at the Agricultural Experimental Station at the University of Wisconsin in Madison at the turn of the century.

The barn is one of five structures on a ranch located in a rural area in the extreme southeast corner of Edmunds County. The ranch setting features slight rolling prairie and a large lake. What is now a permanent lake was historically wetlands. The area features native prairie grasses and an abundance of water for livestock. The building is easily visible from both the north and east graveled county roads.

Constructed circa 1930, it has traditionally been used as a horse and livestock barn. Except for a historic lean-to addition and asphalt shingles, the barn retains its original appearance.

The original barn has a rectangular, two-story plan, approximately 30 feet wide by 40 feet long and 36 feet high. The foundation is concrete. The wood-frame building is sheathed in horizontal tongue-and-groove siding. Windows feature plain milled boards with moldings. Doors, cornerboards, posts, fascia, sills and braces are all of the same millwork. The gambrel roof is constructed of rafters, ridgeboard, and roof board all of plain milled boards. The roof was originally sheathed in wood shingles, but is now topped with asphalt shingles. A decorative weathervane rests on the ridgeline.

The façade (east elevation) features a central sliding door at ground level. A smaller sliding door is located immediately above the main door. Under the peaked roof overhang is a pair of hinged hayloft doors. Two four-light fixed windows are located to either side of the hayloft doors. A third four-light window is located to the right of the main door.

In 1935, a lean-to addition was made to the north side, approximately 16 feet wide and extending the entire length of the building, this addition provided more space for livestock. The siding is of lapsiding and the roof was constructed with the same materials as the original barn. The east elevation features a sliding door. The addition has three four-light fixed windows along the north side.

The south elevation of the barn features three four-light windows and a small door. The rear (west elevation) features the same door and fenestration pattern as the façade minus the small door located above the main door.

United States Department of the Interior
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NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Section 7 Page 2

The first-floor flooring is of fir on the South, dirt in the center and lean-to area, and concrete on the North and grain bin area. The entire second-floor flooring is fir. The height of the barn is approximately 36 feet. The gambrel style roof allowed for a hayloft. In the winter months, hay was pitched into hay bays and would fall into mangers below for the horses in stalls and livestock in stanchions to eat. When electricity was brought to the rural prairie in the late 1940s, a total of seven light fixtures were added to the barn.

The remainder of the ranch property is comprised of a house that has questionable architectural integrity due to replaced siding and enclosure of the porch and several outbuildings that have either been moved onto the property or were constructed within the past 50 years and are not significant examples of agricultural architecture. This nomination includes only the gambrel roof Bierman Barn.

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES CONTINUATION SHEET

Section 8 Page 3

Statement of Significance:

Under Criterion C of the National Register Criteria, the Bierman Barn is significant in the area of architecture as it is an excellent example of the lumber truss construction method and demonstrates changes in agricultural building design after the turn of the century. The property relates to the South Dakota Historic Preservation context under V. Depression and Rebuilding E. Changing Rural Patterns and Impact of New Farm Technologies.

Before the turn of the century most barns were constructed using timber frame technology, which drastically reduced the usable space under the gable roof. Around 1900 American agricultural schools began experimenting with lighter framing systems for farm buildings. The goal was to design a system to allow tall, expansive roofs for loft space without filling the area with support posts and beams. In 1904 John Shawver developed a roof truss system that transferred the load of the roof to the walls so that there was no longer a need for posts to support the roof. The truss system and the gambrel roof it supported became extremely popular during the first half of the 20th century.

Using this lumber truss system the Wisconsin dairy barn was popular as it allowed the use of the lower level as an animal shelter and the upper loft area for hay storage. Most of the barns constructed in this style were relatively narrow, only about 35 feet, but often very long, sometimes over 100 feet. In larger buildings it was necessary to install vents in the roof to ventilate the structure. The Bierman Barn does not feature this common item possibly due to its smaller size necessitating less ventilation.

Henry Bierman, who had received his original 80 acres of land from his father circa 1930, constructed the Bierman Barn about that time. The Biermans' principle agricultural product was cattle while the majority of their neighbors had crop farms. The Biermans did raise oats, barley, wheat and corn, which served as feed for the livestock. The Biermans sold their products in the city of Aberdeen.

The Biermans first constructed a barn to house their livestock. Large barns were a necessity on a ranch, especially in the harsh South Dakota winter months, in order to house and feed the field horses and livestock animals. It was probably this need for a large hayloft to allow ease of feeding livestock during the winter that led to the choice of this style of barn being built. In 1935, a lean-to addition was constructed to accommodate more livestock animals. The changes to the barn clearly reflect the life of an American rancher in the early 20th century who had to expand the buildings he had with the materials at hand.

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NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Section 8 Page 4

The barn had horse stalls so that when they were through working in the fields for the day, they could be watered and brought in for their oats. The mangers had oat troughs built into the stalls that held hay for the horses. One end of the barn features stanchions, mangers, and a gutter. Cows were brought in and tied in stanchions to milk. A separating machine, turned by hand, separated the milk. The cream was stored in a cream can for approximately one week and was then taken to Aberdeen and sold. Butter for family use was also churned on the farm.

In the summer, hay was cut and cured in the fields. It was then hauled to the barn in hayracks lined with two different rope slings. One was placed on the bottom of the rack then hay was pitched into the rack, filled to the wooden sides of the hayrack. Then another sling was placed and filled again with hay. Horses pulled the hayrack to the barn and a large hay rope hung to the ground from the track at the center of the top of the barn. It was hooked up and a team of horses pulled it up and the load slid into the large hay doors. When the load reached its destination the sling was tripped and the hay fell inside the barn. This device is still intact and functional.

In the late 1940s, electricity was added to the barn. Henry and Edna Bierman owned the ranch until 1994 when they sold it to Cherri Brick. The original tongue and groove siding on the south side deteriorated and was replaced in 1995. In 1996, asphalt shingles replaced the wood shingle roof. Today, the barn retains a majority of its original appearance and continues to be used as it was historically.

The barn is a highly intact representative example of a Wisconsin dairy barn. A larger number of this type of barn once dotted the South Dakota landscape. Due to consolidation of small family farms into corporate run businesses and the demolition and loss of the structures over time this barn is one of only a few left in the northeast region of the state with such a high degree of integrity. The building is architecturally significant as it represents a building method no longer used and a period of agricultural building change in America at the turn of the century.

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Section 9,10 Page 5

Bibliography

Arthur, Eric, and Dudley Withney. The Barn: A Vanishing Landmark in North America. Canada: M.F. Feheley Arts Company Limited, 1972.

Brooks, Allyson, and Steph Jacon. Homesteading and Agricultural Development Context. South Dakota State Historical Society, State Historical Preservation Program, Pierre, SD, 1994.

Noble, Allen G. Wood, Brick, and Stone. Amherst: University of Massachusetts Press, 1984.

Shawver, John L. Plank Frame Barn Construction. New York: David Williams Co., 1904.

Sloane, Eric. An Age of Barns. New York: Funk & Wagnalls Publishing Company, 1967.

Verbal Boundary Description

The boundary is a set of imaginary lines forming a rectangle approximately 55 X 60 feet around the barn with the northwest corner 15 feet northwest of the northwest corner of the barn foundation and the southeast corner 15 feet southeast of the southeast corner of the foundation of the barn. The property is located within the NW ¼ of Section 26 TWP 121 N RNG 66 W.

Boundary Justification

The boundary includes only the nominated Bierman Barn and excludes the Bierman property that no longer retains its historic integrity.

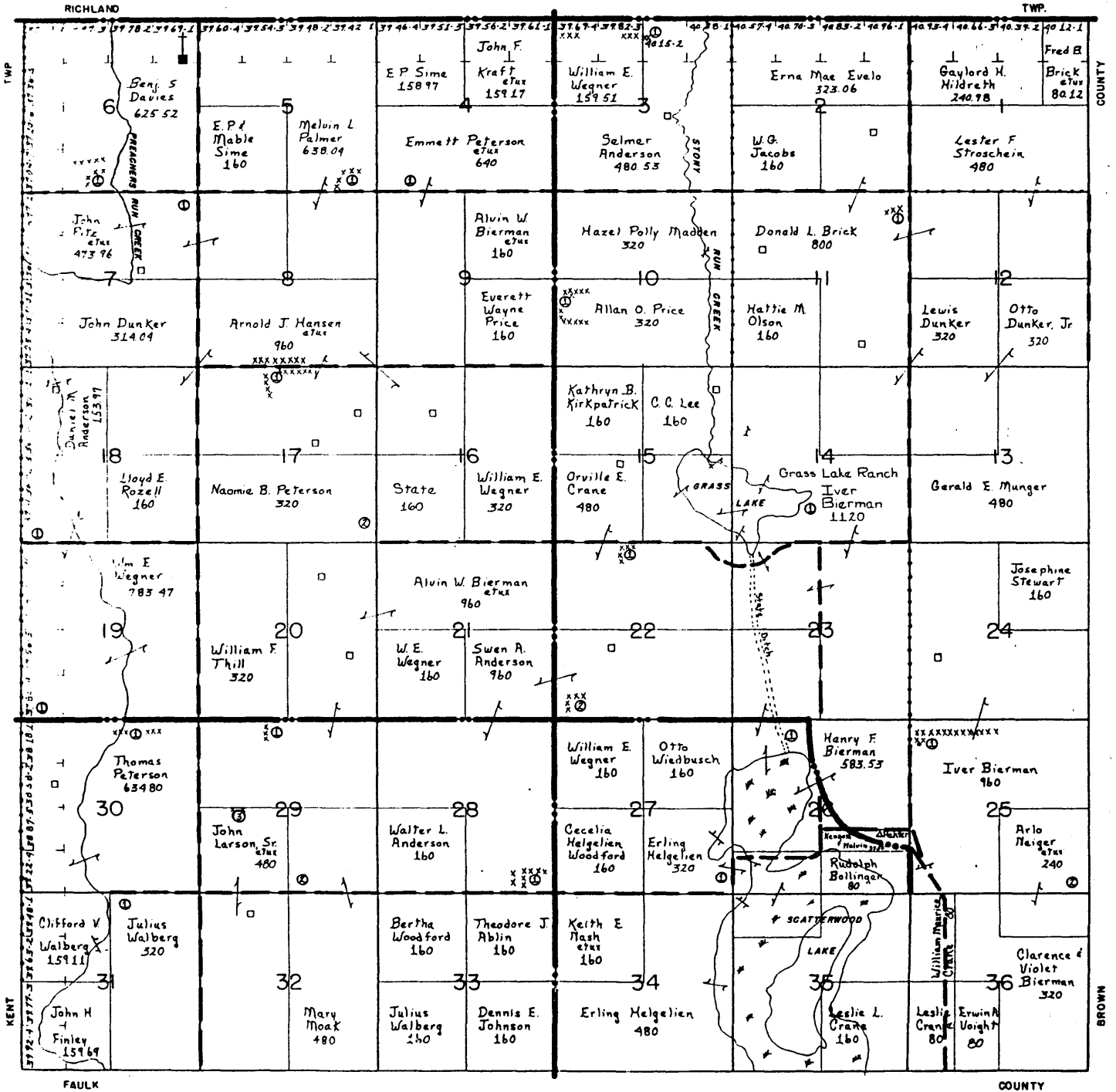
Northwest Quarter (NW1/4) of Section Twenty-six (26)

CLEAR LAKE

TOWNSHIP 121 N

RANGE 66 W

CODE CA



EDMUNDS COUNTY, SD

North ↑

Bierman/Brick Ranch
14315 372nd Ave.
Mansfield, SD 57460

Granary/Garage

Road/Driveway

East ↑

House

South ↓

PHOTO #1 →

Brooder House

#2 ↓

PHOTO #5
PHOTO #6
PHOTO #7
PHOTO #8
PHOTO #9
PHOTO #10
PHOTO #11
PHOTO #12
PHOTO #13
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PHOTO #100

#4 ↑

Lake

#3 →

Pole Barn

#1 ↓

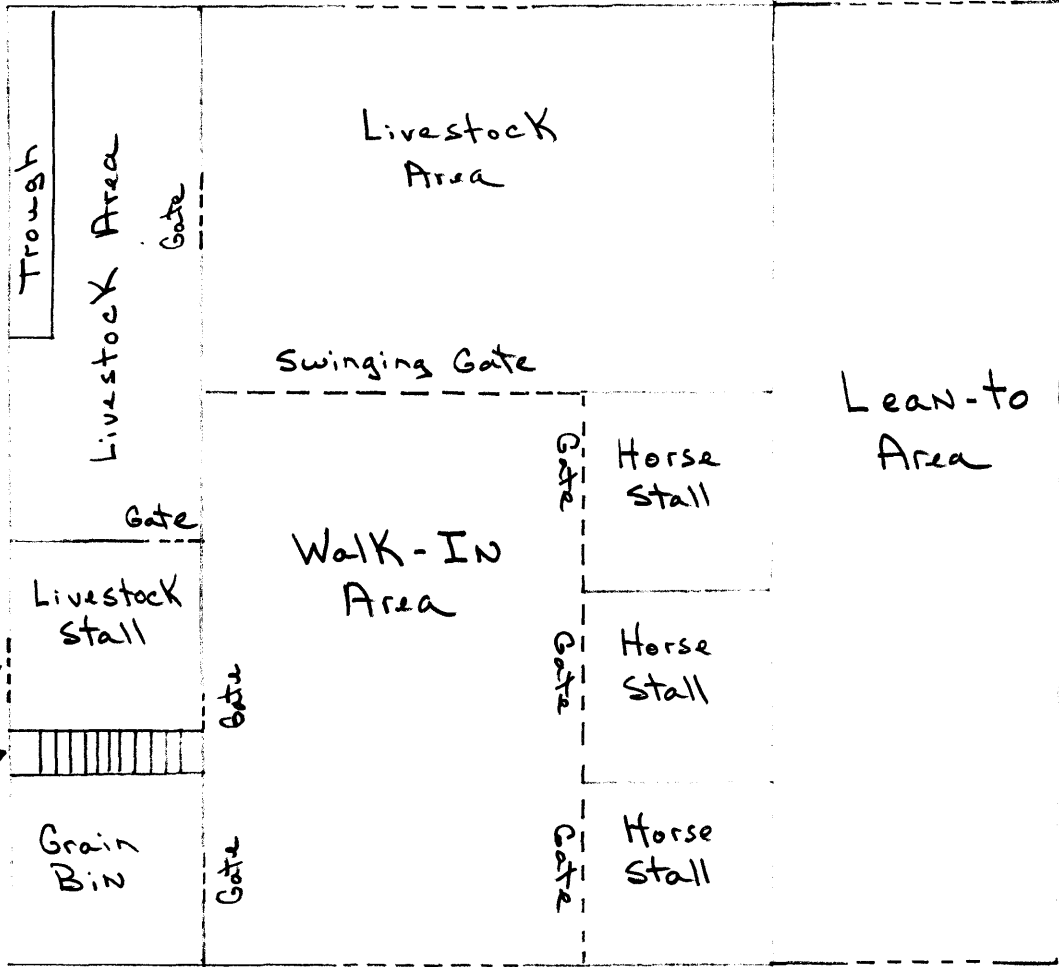
BIERMAN BARN

Floor Plan of Barn Main Floor

West

Barn Door -
Large
↓

Barn Door -
Large
↓



South

North

Barn Door -
Small →

Staircase →

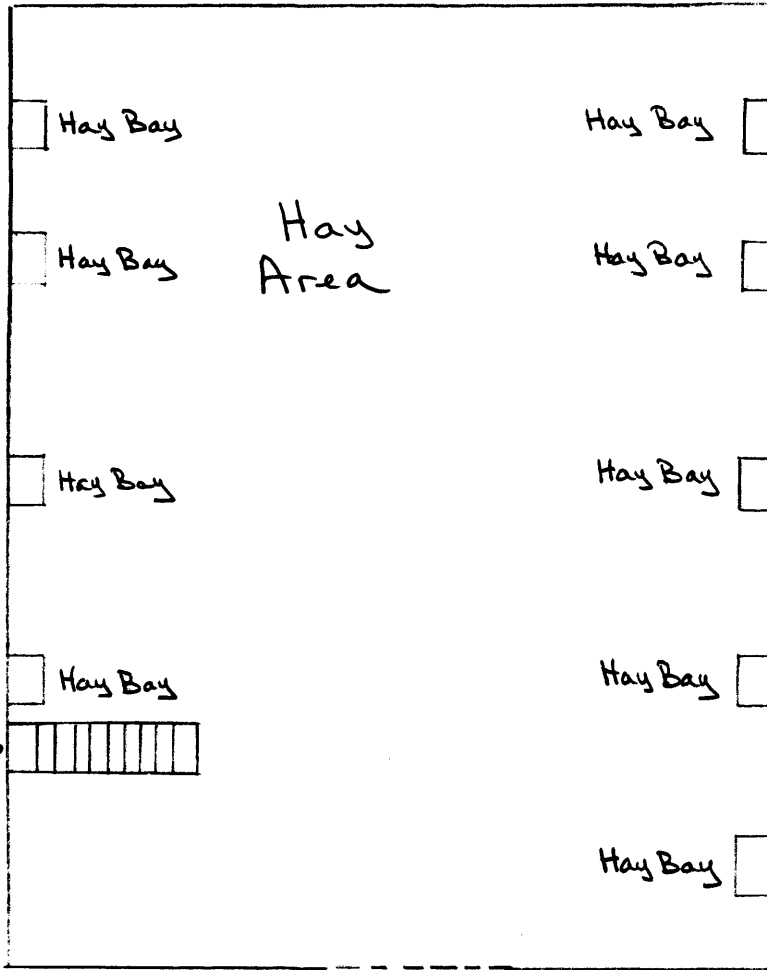
↑
Barn Door -
Large

↑
Barn Door -
Large

East

Floor Plan of Barn -
Hay Loft Floor

West



South

North

↑
Hay Loft
Door