

DEC 20 1992

NPS FORM 10-900 (Rev. 8-86) OMB No. 1024-0018 [SD-SHPO # ECA-OH-597-1/89]  
[use paper with at least 25% cotton rag content, use NLQ or LQ printer]

**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 of eligibility for individual properties or districts. See instructions in Guidelines for Completing National Register Forms (National Register Bulletin 16). Complete each item by marking "x" in the appropriate box or by entering "NA" for "not applicable." For functions, styles, materials, and areas of significance, enter only the categories and subcategories listed in the instructions. For additional space use continuation sheets (Form 10-900a). Type all entries.

**1. Name of Property**

historic name: Goosen, Jacob D. Barn  
other name/site number: N/A

**2. Location**

street & number Hcr 3 Box 800AA /NA/ not for publication  
city, town: Onida / / vicinity  
state: SOUTH DAKOTA code: SD county: Sully code:SD 119 zip code: 57564

**3. Classification**

Ownership of Property:	Category of Property	Number of Resources within Property:	
/xx/ private	/xx/ building(s)	Contributing	Noncontributing
/ / public-local	/ / district	<u>1</u>	_____ buildings
/ / public-state	/ / site	_____	_____ sites
/ / public-federal	/ / structure	_____	_____ structures
	/ / object	<u>1</u>	_____ objects
Name of related multiple property listing:		Number of contributing resources	
<u>N/A</u>		previously listed in the National	
		Register: <u>0</u>	

**Form Prepared by**

name/title: Tawana Grueb with technical assistance by Melissa Dirr, SHPO staff

organization:

date: March 6, 1992

street & number: Box 800AA Hcr 3

telephone: 605-258-2731

city or town: Onida

state: SOUTH DAKOTA

zip code: 57564

page 2: Goosen, Jacob D. Barn  
property name

,Sully  
county

,SOUTH DAKOTA  
state

4. 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. / / See continuation sheet.

[Signature] Signature of certifying official 12/17/92 Date

South Dakota SHPO State or Federal agency or bureau

In my opinion the property / /meets / /does not meet the National Register Criteria. / / See continuation sheet

\_\_\_\_ Signature of commenting or other official \_\_\_\_\_ Date

\_\_\_\_ State or Federal agency or bureau \_\_\_\_\_

5. 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) \_\_\_\_\_

entered in the  
National Register

Alouise Byers 2/3/93

\_\_\_\_ Signature of the Keeper \_\_\_\_\_ Date

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property name

,Sully  
county

,SOUTH DAKOTA  
state

**6. Function or Use** (enter categories from instructions)

Historic functions:

AGRICULTURE/animal facility

Current Functions:

AGRICULTURE/animal facility

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**7. Description**

Architectural Classification:

(enter categories from instructions)

OTHER: Shawver type truss barn

Materials:

(enter categories from instructions)

foundation CONCRETE

walls WOOD: weatherboard

roof WOOD: shingle

other

Describe present and historic physical appearance:

/xx/ see continuation sheet

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**8. Significance**

Certifying official has considered the significance of this property in

relation to other properties: / / /xx/  
nationally statewide locally

Applicable National Register Criteria / /A / /B /xx/C / /D

Criteria Considerations / /A / /B / /C / /D / /E / /F / /G

Areas of Significance (enter from instructions)

Architecture

Period of Significance

1919

Significant Dates

1919

Significant Person

N/A

Cultural Affiliation

N/A

Architect/Builder

Unknown

State significance of property, and justify criteria, criteria considerations,  
and periods of significance noted above /xx/ see continuation sheet

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property name

,Sully  
county

, SOUTH DAKOTA  
state

**9. Major Bibliographical References**

**/xx/ see continuation sheet**

**Previous documentation by 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:**

/xx/ State historic preservation office  
/ / Other State agency  
/ / Federal agency  
/ / Local government  
/ / University  
/ / Other

**Specify repository:**

South Dakota State Historical Preservation Center

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**10. Geographical Data**

Acreeage of property: less than 1 acre

**UTM Reference:**

A = /14/	/418-990/	/4950-960/	B = / /	/ /	/ /
C = / /	/ /	/ /	D = / /	/ /	/ /
ZONE	EASTING	NORTHING	ZONE	EASTING	NORTHING

Quad: Onida

Scale: 1:24000

**/ / see continuation sheet**

**Verbal Boundary Description:**

The nominated property is bounded by a set of imaginary lines that intersect to form a rectangle around the rectangular barn. The eastern boundary line lies 15 feet east of the east wall of the barn and runs parallel to that wall. The southern boundary line lies 15 feet south of the south wall of the barn and runs parallel to that wall. The western boundary lies 15 feet west of the west wall of the barn and runs parallel to that wall. The northern boundary line lies 15 feet north of the north wall of the barn and runs parallel to that wall. The property is located in the NW 1/4-29-115-76 in the Richvalley Township, Sully County, South Dakota.

**/ / see continuation sheet**

**Boundary Justification:**

The boundary of the nominated property is set to include only the Shawver type truss barn.

**/ / see continuation sheet**

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Continuation SheetSection number 7 Page 1Sully Co SD  
Goosen Barn

Situated on the Corydon Ludwig Corporation Farm in Sully County, South Dakota, the Jacob D. Goosen Barn is a large wood frame animal and hay shelter built in 1919. The barn rises from a concrete foundation and concrete floor measuring 50 feet by 100 feet and is clad with weatherboard siding. The remarkably high gambrel roof is constructed of the Shawver-type truss. Designed to support the roof on its skeletal structure the unused truss area provides an immense opening for hay storage. Wood shingles cover the roof surface. Two pressed metal exhaust ventilators project from the ridge line of the roof. Each with its own decorative weather vane. Several original swing out and sliding doors provide access to the barn. The north end wall houses the massive doors to the hay mow. The hay mow still contains the original mechanism used to lift hay through these doors. Fenestration consists of sparsely scattered 2-over-2 fixed windows.

The east and west sides of the barn are shed-roofed extensions each with three ventilators. The barn was designed to house cows and horses; however, the east side rooms were used as a home for the German family that built the barn. The interior space is divided into two horse stalls, two milk cow stenchens, two small tack storage rooms, and open space. The main floor and loft have much of the original fabric extant. Along with the exposed rafters, the loft retains its spacious mow and hay lift mechanism.

The remainder of the farmstead is made up of a variety of outbuildings and domestic buildings. The rest of the original buildings have either been torn down or altered and are not significant examples of agricultural architecture. This nomination includes only the gambrel roofed Shawver-type truss barn.

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GOOSEN BARN

Under Criterion C of the National Register Criteria, the Jacob D. Goosen Barn is significant in the area of architecture, because it is an excellent local example of the Shawver-type truss construction method and illustrates changes in agricultural building design after 1900. Despite extensive testing and promotion nationwide, this barn type enjoyed limited popularity in South Dakota. The Goosen Barn represents the agriculture era of days gone by. Under the South Dakota Historic Preservation Plan, the property relates to the historic context labeled V. Depression and Rebuilding, E/1. Changing Rural Patterns and Impact of New Farm Technologies/Pattern Book Structures.

For centuries barns in both the Old and the New World were constructed using heavy Medieval timber frame technologies. However, by the dawn of the 20th Century, after timber resources had been severely reduced, American agricultural schools began experimenting with lighter framing systems for farm buildings. Of particular importance was a need to design a frame that would support tall, expansive roofs without inhibiting loft space with posts and beams. In 1904 John L. Shawver developed a roof truss of light dimensional lumber for barns that transferred the dead load of the roof to the walls so that there would be no need for heavy posts running from the loft floor to the ridge. The Shawver truss barn, with its telltale gambrel roof, was extremely popular across the country during the first half of the 20th Century.

Shawver truss barn designs differed from earlier barns because the small uniformly cut planks reinforced the walls and the roof. This made the frame and the skin of the barn virtually the same, thus utilizing a majority of the space for hay storage. Not only was this type of barn easy to build, but the construction method provided for large dimensions because it was built in 14 foot lateral units. Due to differing agricultural practices and economic reversals the large barns lived their heyday between 1918 and 1930.

This barn was built by the Jacob D. Goosen family who were German and owned the land from 1919 to 1923. They lived in the east side of the barn. Following the Goosen's another German family purchased the barn and lived in it as well. Since the property was first deeded in 1892 to Owen Wheelock it has had 10 owners. Corydon Ludwig purchased the property in 1941 and it is now operated

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# National Register of Historic Places Continuation Sheet

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SEVIN ROAD  
HOUSE EXT. B.A.R.

by the third generation of the Ludwig family and is used as a farm and cattle storage facility.

The period of significance of the nominated property does not extend beyond the date of its construction in 1919.

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Section number 9 Page 1

100 Years of Proud People  
1883-1983

Conversations with Elmer Mosiman, descendant of former residents.

Department of Commerce, Thirteenth Census of the United States  
taken in the Year 1910 Volume III.

Hopkins, Alfred. Modern Farm Buildings. Rev.: New York, Robert M.  
McBride, 1920.

100 Years of Proud People, 1883-1983, A History of Sully County.  
1983.

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

Sully County Abstracts of location NW 1/4-29-115-76.

Torma, Carolyn. Field Guide to Historic Sites Survey in South  
Dakota. rev. Vermillion, State Historic Preservation Center,  
1987.



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Section number photos Page 1

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1.

Jacob D. Goosen Shawver-Type Truss Barn  
Onida, Sully County, South Dakota  
by Tawana Grueb  
June 1992

Neg.: South Dakota Historical Preservation Center  
interior of first floor, camera facing north  
Photo No. 1

2.

Jacob D. Goosen Shawver-Type Truss Barn  
Onida, Sully County, South Dakota  
by Tawana Grueb  
June 1992

Neg.: South Dakota Historical Preservation Center  
South facade, camera facing northeast  
Photo No. 2

3.

Jacob D. Goosen Shawver-Type Truss Barn  
Onida, Sully County, South Dakota  
by Tawana Grueb  
June 1992

Neg.: South Dakota Historical Preservation Center  
South facade hay mow, camera facing north  
Photo No. 3

4.

Jacob D. Goosen Shawver-Type Truss Barn  
Onida, Sully County, South Dakota  
by Tawana Grueb  
June 1992

Neg.: South Dakota State Historical Preservation Center  
Interior of hay loft showing Shawver-type truss, camera facing  
north  
Photo No. 4

5.

Jacob D. Goosen Shawver-Type Truss Barn  
Onida, Sully County, South Dakota  
by Tawana Grueb  
June 1992

Neg.: South Dakota State Historical Preservation Center

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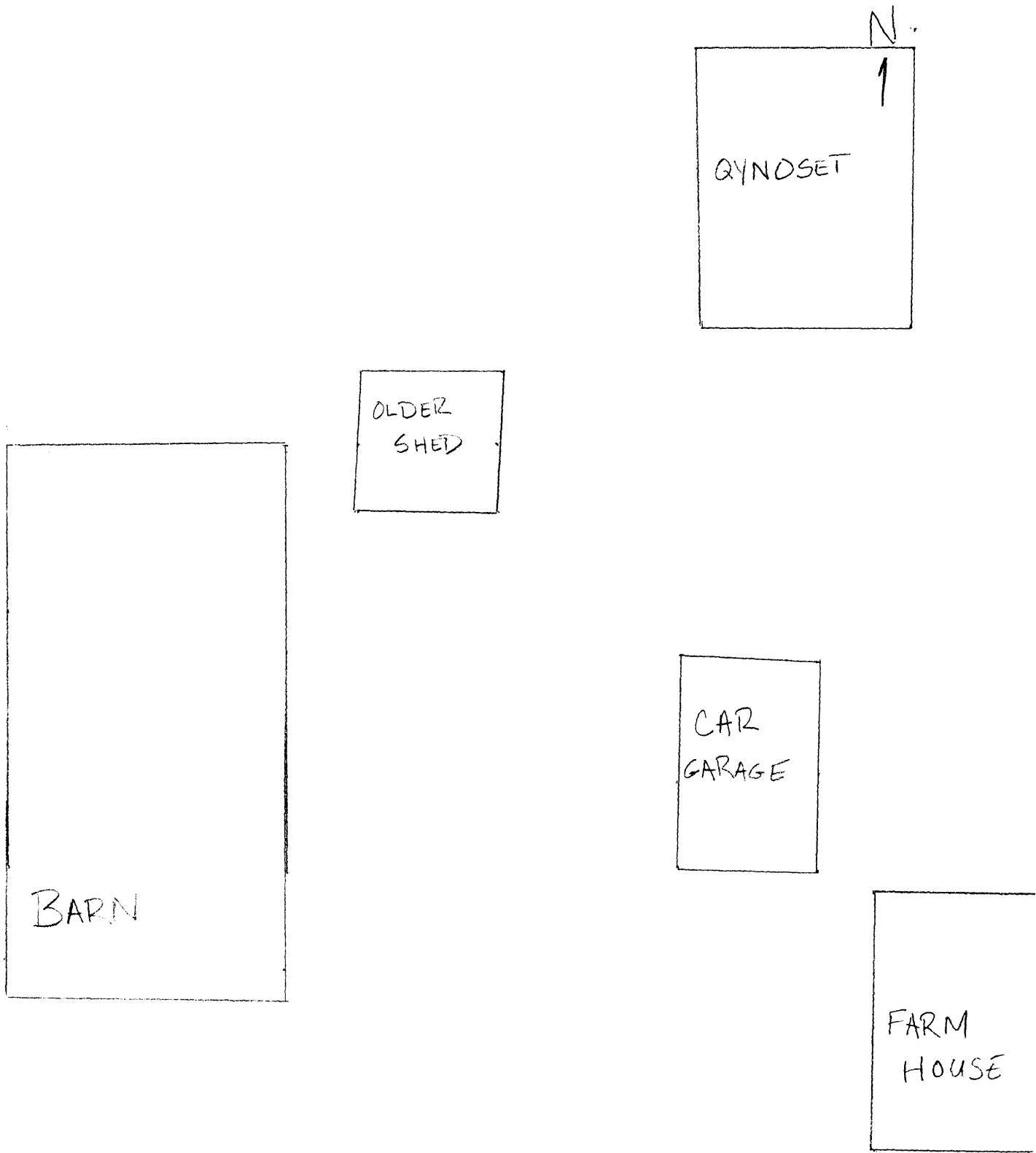
Interior of barn showing roof with vent opening and Shawver  
trusses, camera facing up  
Photo No. 5

6.

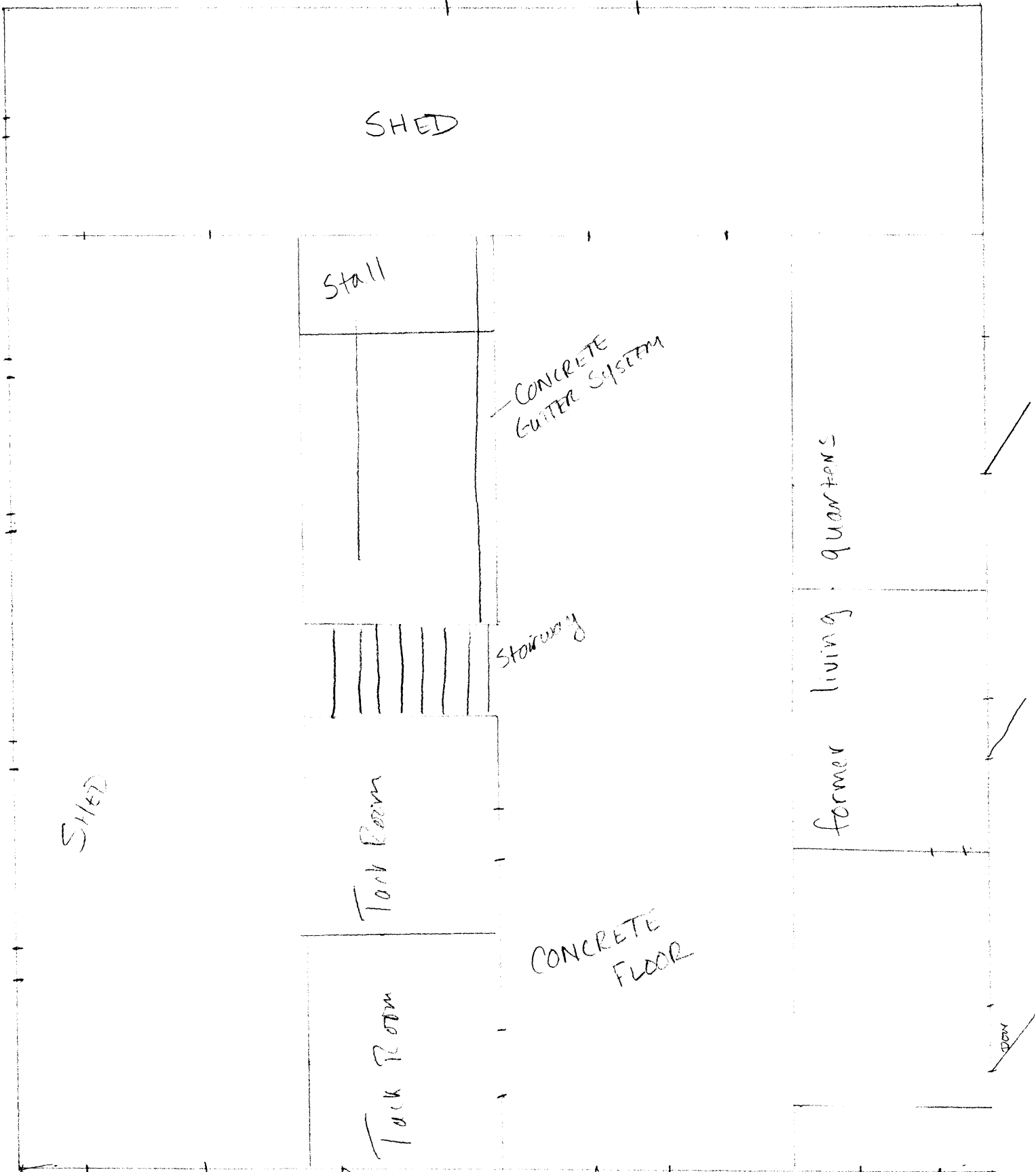
Jacob D. Goosen Shawver-Type Truss Barn  
Onida, Sully County, South Dakota  
by Tawana Grueb  
June 1992

Neg.: South Dakota State Historical Preservation Center  
Interior wall showing Shawver truss, camera facing northwest  
Photo No. 6

GOOSEN BARN - ONIDA S.D



Submitted  
Tawana Grueb



SHED

Stall

CONCRETE  
GUTTER SYSTEM

Stowaway

SHED

Tack Room

CONCRETE  
FLOOR

former living quarters

Tack Room

front door

door

Barn Cordyon Ludwig farm