

**SOUTH DAKOTA STATE HISTORIC PRESERVATION OFFICE
HISTORIC SITES SURVEY STRUCTURE FORM**



SITE INFORMATION

*SURVEY DATE: June 5, 2013 *ADDRESS: 29835 460th Ave.
*SURVEYOR: Jim Stone *COUNTY: Clay
*CITY: Centerville

LOCATION DESCRIPTION: From Vermillion, the intersection of South Dakota Highway 50 bi-pass and South Dakota Highway 19, North 18 miles to 299th Street, turn left, (West) about 2 miles to 460th Ave., turn right (North) about 1/2 mile, on the left (West) side.

LEGAL DESCRIPTION: NE 1/4, 8 - 95 - 52 Riverside Twp.

*QUARTER 1: N 1/4
*QUARTER 2: _____
*TOWNSHIP: Riverside
*RANGE: 52
*SECTION: 8
ACRES: 172.80

OWNER NAME: Boyd Ostrem
OWNER ADDRESS: 29545 460th Ave.
OWNER CITY: Centerville
OWNER STATE: South Dakota
OWNER ZIP: 57014
QUAD NAME: _____

OWNER CODE 1: P
OWNER CODE 2: _____
OWNER CODE 3: _____

HISTORIC SIGNIFICANCE

*DOE: _____
*DOE DATE: _____
REASON INELIGIBLE: _____

REGISTER NAME: _____
MULTIPLE PROPERTY NAME: _____

NOMINATION STATUS: _____
DATE LISTED: _____
REFERENCE NUMBER: _____
HISTORIC DISTRICT RATING: C or NC
PERIOD: _____

CATEGORY: _____
SIGNIFICANCE LEVEL 1: N S L
SIGNIFICANCE LEVEL 2: N S L
CRITERIA 1: A B C D
CRITERIA 2: A B C D
CRITERIA 3: A B C D
CRITERIA 4: A B C D

SIGNIFICANCE NOTES: _____

STRUCTURE DETAILS

* = REQUIRED FIELD

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SHPO ID: _____
 *PROPERTY NAME: _____
 OTHER NAME: _____

CURRENT FUNCTION:	<u>Vacant</u>	FOUNDATION:	<u>Poured concrete</u>
CURRENT SUBFUNCTION:	<u>Vacant</u>	ROOF MATERIAL:	<u>Asphalt shingles over cedar shingles</u>
HISTORIC FUNCTION:	<u>Corn crib and grain elevator</u>	ROOF SHAPE:	<u>Gothic round roof</u>
HISTORIC SUBFUNCTION:	<u>Corn crib and grain elevator</u>	STRUCTURAL SYSTEM:	<u>Balloon framing</u>
		STYLE:	<u>Gothic round roof grain elevator</u>
OCCUPIED:	<u>Yes</u>	TYPE:	<u>Corn crib and grain elevator</u>
ACCESSIBLE:	<u>Yes with permission</u>	WALLS:	<u>2x10, 2x8 and 2x6 studs with spaced 1x 4's</u>
STORIES:	<u>3</u>	SIGNIFICANT PERSON:	<u>Margaret Smith</u>
*DATE OF CONSTRUCTION:	<u>1920's ?</u>	CULTURAL AFFILIATION:	<u>German</u>

ALTERED/MOVED NOTES: Original site. Steel roofing has been installed over cedar shingles on the roof. One sliding door has fallen off on the South side. Grain pit has been filled in and concreted over.

INTERIOR NOTES: 2x8 studs 12" O. C. 11' high on each side of 12' wide alley. 3x12 joists 12" O. C. with double 3x12's 24" O. C. above alley for floor of granaries above. 2x8 studs 12" O. C. up 17' for sides walls on above granaries. Lots of 2x8 cross bracing. 2x6 cross bracing above granaries with board floor for access to move elevator spout to different granaries or ear corncribs. Two walls of 2x6 studs 24" O. C. x 18'-10' high wall and spaced 1' 10" in the center of each 12' crib. These walls have 1x4's spaced horizontally and form a ventilation tunnel for drying ear corn.

OTHER NOTES: The East and West exterior walls are 2x8 studs 12" O. C. 14'-7" tall. They have a 6x8 sill and (3) 2x12's for a top plate. These walls and the interior walls in the alley have spaced 1x4's applied diagonally. The gable end walls are 2x10 studs 12" O. C. 14' - 6" high with a 6x8 sill and (3) 2x12's for a plate. Another wall of 2x10 studs 12" O. C., is on top of the first wall and has (2) 2x12's for a plate. 2x10s go up from this wall to the rafters. The gable ends have diagonal sheathing with 1/2" x 6" cedar lap siding. Windows are 8"x10" four light over 8"x10" four light double hung for ventilation.

*PHYSICAL NOTES: Barn is in good condition.

*UTM ZONE: _____

*RESTRICTED: Y or N

*UTM EASTING: _____

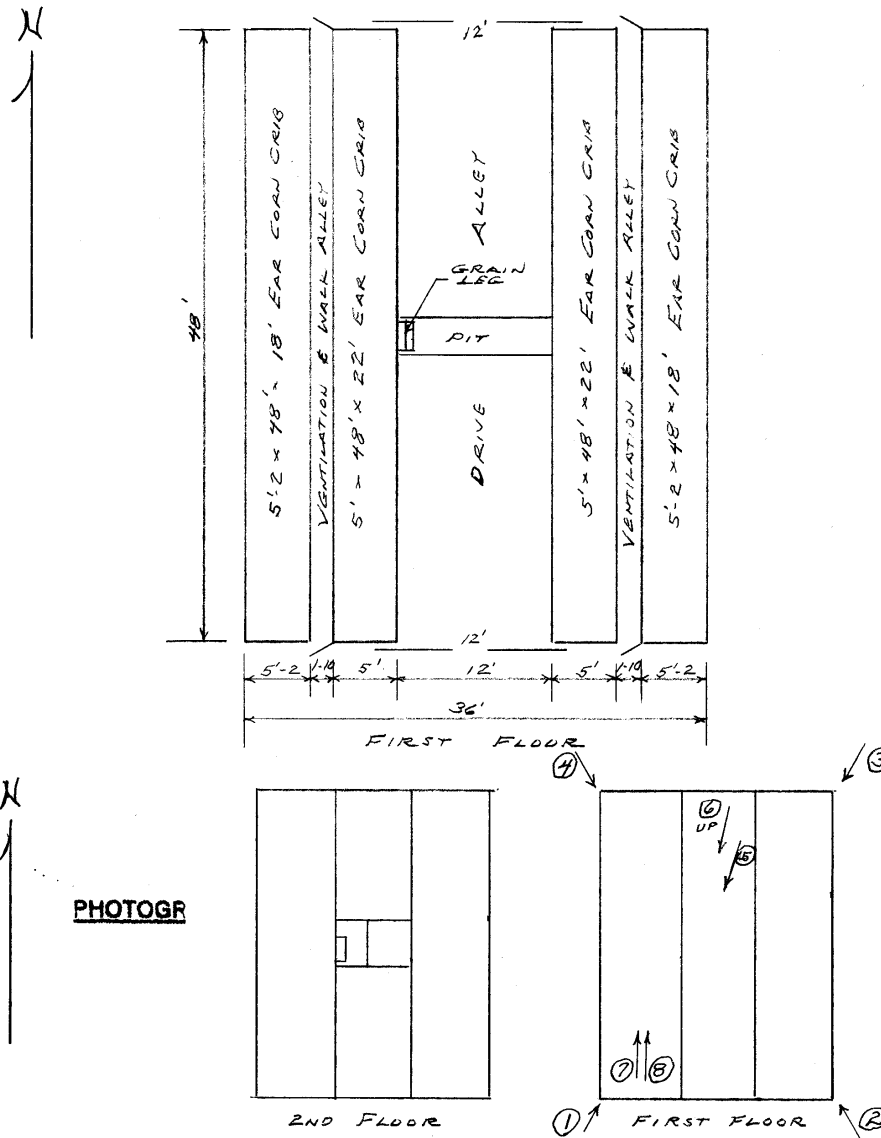
*UTM NORTHING: _____

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SKETCH MAP



* = REQUIRED FIELD

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PHOTOGRAPHER: Jim Stone
DATE OF PHOTO: June 5, 2013

ROLL NUMBER: _____
PHOTO NUMBER: 1
CAMERA DIRECTION: Looking NE, SW corner



PHOTOGRAPHER: Jim Stone
DATE OF PHOTO: June 5, 2013

ROLL NUMBER: _____
PHOTO NUMBER: 2
CAMERA DIRECTION: Looking NW, SE corner

* = REQUIRED FIELD

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PHOTOGRAPHER: Jim Stone
DATE OF PHOTO: June 5, 2013

ROLL NUMBER: _____
PHOTO NUMBER: 3
CAMERA DIRECTION: Looking SW, NE corner



PHOTOGRAPHER: Jim Stone
DATE OF PHOTO: June 5, 2013

ROLL NUMBER: _____
PHOTO NUMBER: 4
CAMERA DIRECTION: Looking SE, NW corner

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PHOTOGRAPHER: Jim Stone
DATE OF PHOTO: June 5, 2013

ROLL NUMBER: _____
PHOTO NUMBER: 5

**First floor, looking SW,
grain leg going up and
down on West wall of
alley**

CAMERA DIRECTION: _____



PHOTOGRAPHER: Jim Stone
DATE OF PHOTO: June 5, 2013

ROLL NUMBER: _____
PHOTO NUMBER: 6

**First floor, looking up
and SW, 3x12 floor joists
above alley for granaries
above, note every other
joist is doubled.**

CAMERA DIRECTION: _____

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PHOTOGRAPHER: Jim Stone
DATE OF PHOTO: June 5, 2013

ROLL NUMBER: _____
PHOTO NUMBER: 7

CAMERA DIRECTION: Ventilation alley, looking North, bracing to support walls from caving in.



PHOTOGRAPHER: Jim Stone
DATE OF PHOTO: June 5, 2013

ROLL NUMBER: _____
PHOTO NUMBER: 8

CAMERA DIRECTION: Ventilation alley, looking North, bracing to prevent wall from caving in, Note 3x12 floor joists supporting granaries above alley.

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PHOTOGRAPHER: Jim Stone
DATE OF PHOTO: June 11, 2013

ROLL NUMBER: _____
PHOTO NUMBER: 9

CAMERA DIRECTION: Third floor, looking up and SW, top of grain leg, drop to fill cribs and bins, note Meyer Mfg.Co. Morton, ILL.



PHOTOGRAPHER: Jim Stone
DATE OF PHOTO: June 5, 2013

ROLL NUMBER: _____
PHOTO NUMBER: 10

CAMERA DIRECTION: Third floor, looking up and East, peak and gable end of cupola.

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PHOTOGRAPHER: Jim Stone
DATE OF PHOTO: June 5, 2013

ROLL NUMBER: _____
PHOTO NUMBER: 11

CAMERA DIRECTION: Third floor, looking SW, grain leg, both up and down, note Gunderson Imp. Co. Centerville, S. Dak.



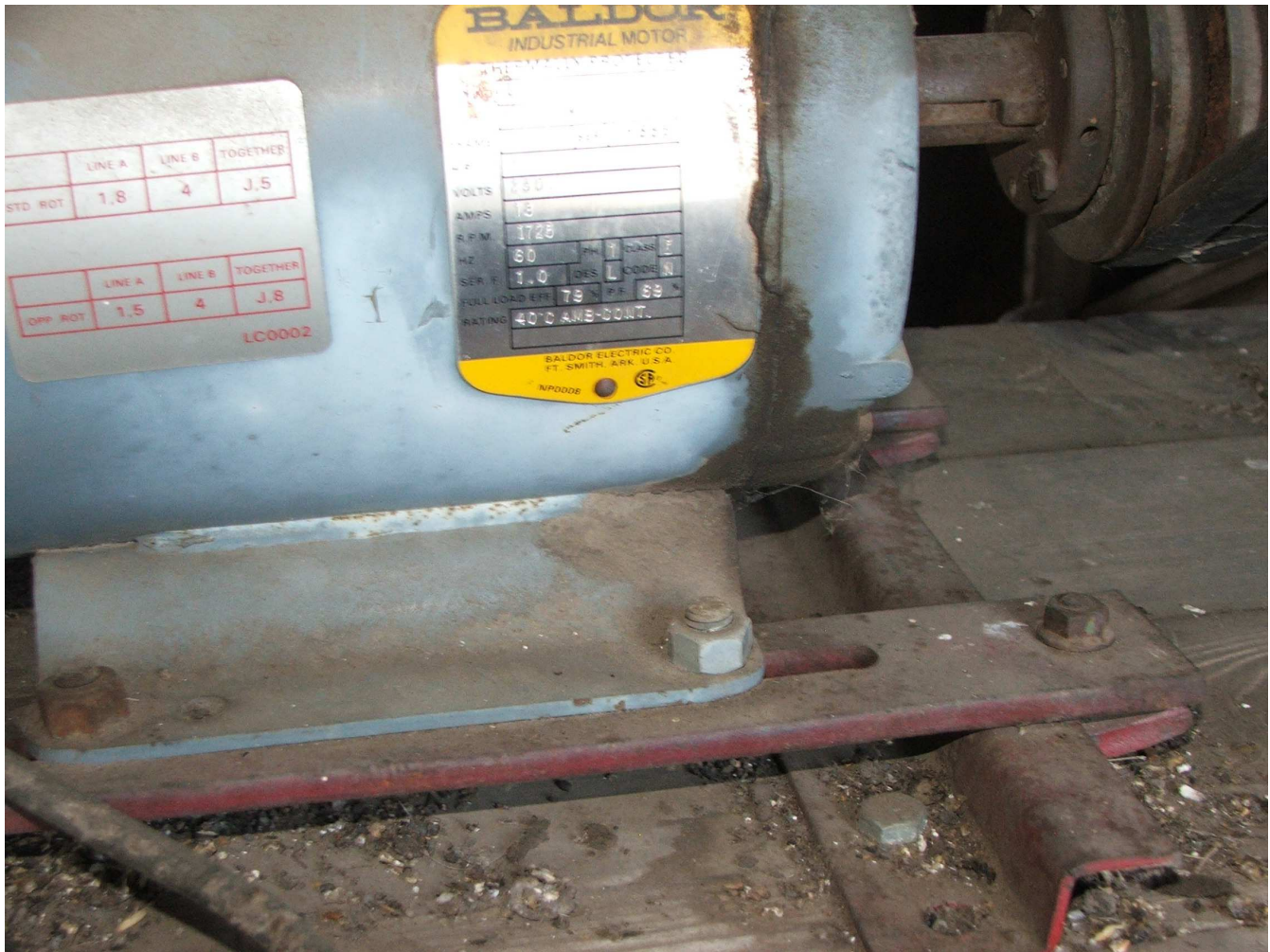
PHOTOGRAPHER: Jim Stone
DATE OF PHOTO: June 5, 2013

ROLL NUMBER: _____
PHOTO NUMBER: 12

CAMERA DIRECTION: Third floor, large cast iron sprocket drive wheel for grain leg.

* = REQUIRED FIELD

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PHOTOGRAPHER: Jim Stone
DATE OF PHOTO: June 5, 2013

ROLL NUMBER: 13
PHOTO NUMBER: 13

Four floor, Baldor commercial electric motor, this plate was on the back side, took picture to read, but flash glare covered specs.

CAMERA DIRECTION: Flash glare covered specs.

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PHOTOGRAPHER: Jim Stone
DATE OF PHOTO: June 5, 2013

ROLL NUMBER: _____
PHOTO NUMBER: 14

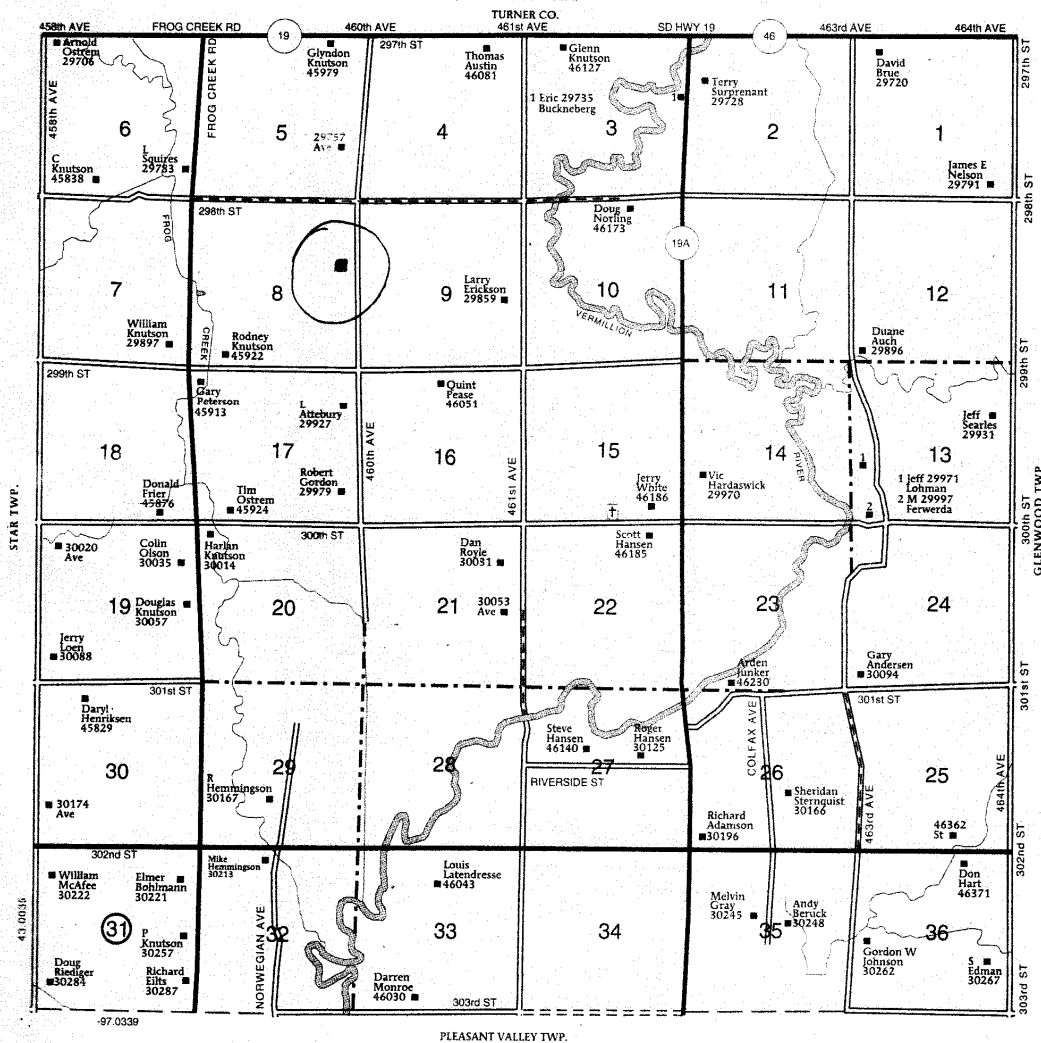
CAMERA DIRECTION: Third floor, looking South, South gable end, note double laminate rafters for wall on cupola.

* = REQUIRED FIELD

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T-95-N RIVERSIDE DIRECTORY R-52-W



* = REQUIRED FIELD

HISTORY

This farm located in the NE ¼ of Section 8, Riverside Township, Clay County was homesteaded by Issac Jones.

The 1894, 1901, 1912, and 1924 Clay County Atlas lists Margaret Smith as the owner.

The 1937 Clay County Atlas lists Mary Paddock as the owner.

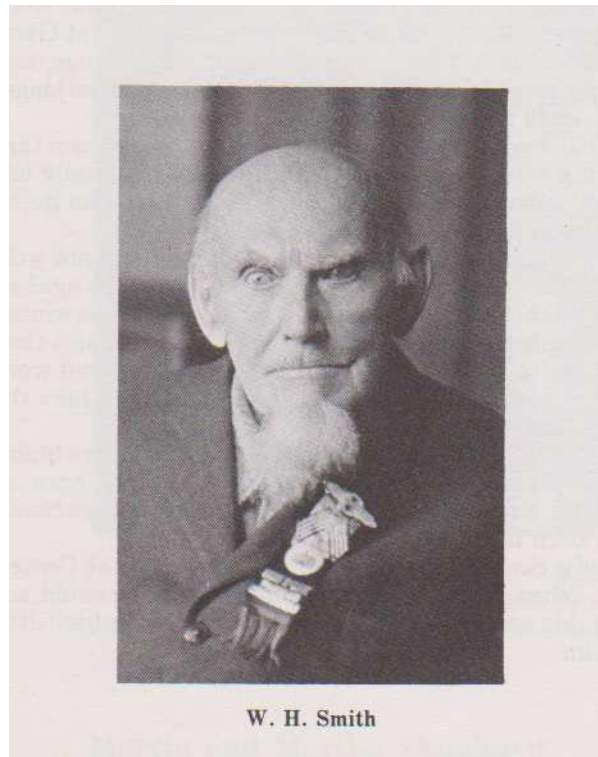
The 1948 and 1956 Clay County Atlas lists Orin Paddock as the owner.

The following is from -

Centerville

Dakota Territory - Sunshine State

1883 - 1983 A Century of Memory



W. H. Smith

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W. H. Smith was born in Coblenz, Germany, on March 10, 1837. He came to the United States when he was 18 years old. He soon enlisted as a private in Company L, First Regiment and re-enlisted on Jan. 5, 1864, and served the entire period of the Civil War. He was mustered out of the Army as a corporal at Austin Texas.

He returned to Iowa where he married Margaret Brimmer. They lived at Bellevue, Iowa, until 1879 when the family moved to Bloomingdale, D. T. and a year later moved to Riverside Twp., where they worked on the Prentis and Lee ranch for three years and then purchased their own farm southwest of Centerville where they lived until they retired and moved to Centerville.

After the death of his wife in 1921 Mr. Smith returned to the farm and lived with his daughter, Mrs Orrin Paddock, until her death in 1925. The remainder of his life was spent in Beresford with a niece where he died in 1929.

Five children were born to the Smiths. Margaret married Edward McElroy and spent most of her life on a farm near Dallas, S. D. She is buried with her husband in the Catholic Cemetery at Dallas. The rest of her brothers and sisters are all buried with their parents at Riverside Cemetery, Centerville. Margaret had 10 children, five of whom are still living.

Joseph died at the age of seven. Mary was a teacher and only lived to be 29. John, single, lived until 1934. He worked in Omaha, Nebr.

Anna was born Feb. 25, 1876 and married Orrin Paddock.

Facts on this ear corn crib and Elevator

By Jim Stone

Each side of this ear corn crib would hold 3800 bushels of ear corn if filled to a height of 20'. This would be a total of 7600 bushels of ear corn. I think that with the bracing that is in this structure it could be filled to 25', which would add 1000 more bushels on each side. This makes the total capacity 9600 bushels.

The granaries above the driveway are two bins 12' x 20' x 17' tall and one bin 7' x 8' x 17' tall. These three bins have the capacity when filled level to 17' deep, of 7200 bushels of grain or shelled corn.

The amount of dimension lumber in this structure just staggers the imagination! 2x10 stud walls 12" O. C., 36' by up to 36' tall on the North and South walls. Two 2x8 stud walls 12" O. C., 14'- 7" tall by 48' long and two more 2x8 stud walls 12" O. C., 28' tall by 48' long. Four 2x6 stud walls 24" O. C., 18' - 10" tall by 48' long. Triple 2x12 plates on top of first floor, double 2x12 plates on top of second floor. 220 feet of 6" x 8" sills and massive amounts of 2x8 and 2x10 bracing. 72 pieces of 3x13 x 14' bridge plank for floor joists, to support the granaries above driveway. Massive amounts of 1x 4 to cover walls and ventilation alleys.

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