

Exam Date:08/14/2018

Forest River Bean Co Inc

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Examiner: 2

PO Box 68

Forest River , ND

County:

Phone: 701-248-3261

CCC Number:

Location/Container Numbers/Comments	Section	Capacity
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**PART A - ADDITIONAL SPACE TO BE INCLUDED UNDER LICENSE**

<NO BINS ADDED>

Total:	0
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**PART B - SPACE TO BE DELETED UNDER LICENSE**

<NO BINS DELETED>

Total:	0
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**PART C - ALL SPACE TO BE INCLUDED UNDER LICENSE**

A	318,000
B	54,000
C	131,000
D	38,000
E	146,000
F	40,000
H	82,000
J	45,000
K	81,000
Total:	935,000

**PART D - TOTAL CAPACITY BY FUNCTIONAL UNIT**

Forest River	41	A B C D E F H J K	935,000
			Total: 935,000

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Forest River Bean Co Inc  
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Forest River , ND  
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Status	Section	Bin Number	Bin Type	Base Point	Diameter or Bu/Ft (Irreg.) Length	Width	Side wall	Add for Hopper	Ded. for Obst.	Effective Depth	Add for Peak	Depth for Capac.	Bushels per Foot	Base Pack%	Bushel Capacity with Pack
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## Facility: Forest River

### Section: A

A	001	Square	top of bin at side wall	0.000	8.000	6.000	24.20	0.00	0.00	24.200	0.000	24.2	38.6	3.00	962
A	002	Square	top of bin at side wall	0.000	8.000	6.000	24.20	0.00	0.00	24.200	0.000	24.2	38.6	3.00	962
A	003	Square	top of bin at side wall	0.000	8.000	6.000	24.20	0.00	0.00	24.200	0.000	24.2	38.6	3.00	962
A	004	Square	top of bin at side wall	0.000	8.000	6.000	24.20	0.00	0.00	24.200	0.000	24.2	38.6	3.00	962
A	005	Square	top of bin at side wall	0.000	10.20	10.00	28.60	0.00	0.00	28.600	0.000	28.6	82.0	5.50	2,474
A	006	Square	top of bin at side wall	0.000	10.20	10.00	28.60	0.00	0.00	28.600	0.000	28.6	82.0	5.50	2,474
A	007	Square	top of bin at side wall	0.000	8.000	8.000	16.00	2.30	0.00	18.300	0.000	18.3	51.4	4.50	983
A	008	Square	top of bin at side wall	0.000	8.000	8.000	16.00	2.30	0.00	18.300	0.000	18.3	51.4	4.50	983
A	009	Square	top of bin at side wall	0.000	8.000	8.000	16.00	2.30	0.00	18.300	0.000	18.3	51.4	4.50	983
A	010	Square	top of bin at side wall	0.000	8.000	8.000	16.00	2.30	0.00	18.300	0.000	18.3	51.4	4.50	983
A	011	Square	top of bin at side wall bag	0.000	10.30	10.00	11.00	0.00	0.00	11.000	0.000	11.0	82.8	5.50	961
A	012	Square	top of bin at side wall mill	0.000	10.00	7.000	16.00	2.75	0.00	18.750	0.000	18.8	56.3	4.80	1,109
A	013	Square	top of bin at side wall mill	0.000	10.00	7.000	16.00	2.75	0.00	18.750	0.000	18.8	56.3	4.80	1,109
A	014	Square	top of bin at side wall mill	0.000	10.00	7.000	16.00	2.75	0.00	18.750	0.000	18.8	56.3	4.80	1,109
A	015	Square	top of bin at side wall mill	0.000	10.00	7.000	16.00	2.75	0.00	18.750	0.000	18.8	56.3	4.80	1,109
A	101	Flat	catwalk 25.0' grain wall ht	0.000	49.00	24.40	18.00	0.00	4.00	14.000	0.000	14.0	961.1	10.0	14,801
A	102	Flat	catwalk 25.0' grain wall ht	0.000	49.00	24.40	18.00	0.00	0.00	18.000	0.000	18.0	961.1	10.0	19,030
A	103	Flat	catwalk 25.0' grain wall ht	0.000	49.00	24.40	18.00	0.00	0.00	18.000	0.000	18.0	961.1	10.0	19,030
A	104	Flat	catwalk 25.0' grain wall ht	0.000	49.00	24.40	18.00	0.00	0.00	18.000	0.000	18.0	961.1	10.0	19,030
A	105	Flat	catwalk 25.0' grain wall ht	0.000	49.00	24.40	18.00	0.00	0.00	18.000	0.000	18.0	961.1	10.0	19,030
A	106	Flat	catwalk 25.0' grain wall ht	0.000	49.00	24.40	18.00	0.00	0.00	18.000	0.000	18.0	961.1	10.0	19,030

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Forest River Bean Co Inc  
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Status	Section	Bin Number	Bin Type	Base Point	Diameter or Bu/Ft (Irreg.)	Length	Width	Side wall	Add for Hopper	Ded. for Obst.	Effective Depth	Add for Peak	Depth for Capac.	Bushels per Foot	Base Pack%	Bushel Capacity with Pack
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## Facility: Forest River

### Section: A

A	107	Peaked	eave at sidewall	36.000	0.000	0.000	25.80	0.00	0.00	25.800	2.200	28.0	818.2	10.0	25,201
A	108	Peaked	eave at sidewall	36.000	0.000	0.000	25.80	0.00	0.00	25.800	2.200	28.0	818.2	10.0	25,201
A	109	Peaked	eave at sidewall	36.000	0.000	0.000	25.80	0.00	0.00	25.800	2.200	28.0	818.2	10.0	25,201
A	110	Peaked	eave at sidewall	36.000	0.000	0.000	24.50	0.00	0.00	24.500	2.200	26.7	818.2	10.0	24,031
A	111	Peaked	eave at sidewall	36.000	0.000	0.000	24.50	0.00	0.00	24.500	2.200	26.7	818.2	10.0	24,031
A	112	Peaked	eave at sidewall	24.000	0.000	0.000	15.30	0.00	0.00	15.300	1.400	16.7	363.7	7.80	6,548
A	113	Square	eave at sidewall	0.000	10.00	8.000	14.00	1.50	0.00	15.500	0.000	15.5	64.3	5.00	1,047
A	114	Peaked	eave at sidewall	33.000	0.000	0.000	25.50	0.00	0.00	25.500	2.000	27.5	687.5	9.50	20,702
A	115	Peaked	eave at sidewall	33.000	0.000	0.000	25.50	0.00	0.00	25.500	2.000	27.5	687.5	9.50	20,702
A	117	Flat	bag storage	0.000	122.5	50.00	2.300	0.00	0.00	2.300	0.000	2.3	4923.6	10.0	12,456
A	new_bin_01	Peaked	eave at sidewall	16.000	0.000	0.000	20.00	2.30	0.00	22.300	1.000	23.3	161.6	5.80	3,983

Bin count: 32

Facility: Forest River Section: A Total: **317,179**

To Even: 318,000

### Section: B

B	301	Peaked	eave at sidewall	15.000	0.000	0.000	10.00	2.20	0.00	12.200	0.900	13.1	142.1	5.50	1,964
B	302	Peaked	eave at sidewall	15.000	0.000	0.000	10.00	2.20	0.00	12.200	0.900	13.1	142.1	5.50	1,964
B	303	Peaked	eave at sidewall	16.000	0.000	0.000	25.00	2.30	0.00	27.300	1.000	28.3	161.6	5.80	4,838
B	304	Peaked	eave at sidewall	16.000	0.000	0.000	25.00	2.30	0.00	27.300	1.000	28.3	161.6	5.80	4,838
B	305	Peaked	eave at sidewall	16.000	0.000	0.000	25.00	2.30	0.00	27.300	1.000	28.3	161.6	5.80	4,838

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## Facility: Forest River

### Section: B

B	311	Flat	bag storage		0.000	97.80	54.00	2.200	0.00	0.00	2.200	0.000	2.2	4245.3	10.0	10,274	
B	312	Flat	bag storage		0.000	60.00	54.00	3.500	0.00	0.00	3.500	0.000	3.5	2604.5	10.0	10,028	
B	313	Flat	bag storage		0.000	90.60	53.80	3.500	0.00	0.00	3.500	0.000	3.5	3918.2	10.0	15,085	
Bin count:		8														Facility: Forest River Section: B Total:	<u>53,829</u>
															To Even:	<u>54,000</u>	

### Section: C

C	401	Flat	grain wall 9.5' center bttm		0.000	123.5	48.80	6.000	0.00	0.00	6.000	0.000	6.0	4844.7	10.0	31,975	
C	408	Flat	grain wall ht. 12.5' bttm		0.000	148.0	58.00	13.00	0.00	0.00	13.000	0.000	13.0	6900.3	10.0	98,674	
Bin count:		2														Facility: Forest River Section: C Total:	<u>130,649</u>
															To Even:	<u>131,000</u>	

### Section: D

D	501	Flat	bag storage		0.000	150.0	60.00	4.700	0.00	0.00	4.700	0.000	4.7	7234.7	10.0	37,403	
Bin count:		1														Facility: Forest River Section: D Total:	<u>37,403</u>
															To Even:	<u>38,000</u>	

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Status	Section	Bin Number	Bin Type	Base Point	Diameter or Bu/Ft (Irreg.)	Length	Width	Side wall	Add for Hopper	Ded. for Obst.	Effective Depth	Add for Peak	Depth for Capac.	Bushels per Foot	Base Pack%	Bushel Capacity with Pack
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## Facility: Forest River

### Section: E

E	601W	Quonset	u-trough bttm to floor 15.7'	0.000	100.3	34.00	12.00	0.00	0.00	12.000	0.000	12.0	2492.5	10.0	32,902
E	602	Quonset	u-trough bttm to floor 15.7'	0.000	100.3	34.00	12.00	0.00	0.00	12.000	0.000	12.0	2492.5	10.0	32,902
E	603	Quonset	tiebert quonset	0.000	100.0	40.00	10.00	0.00	0.00	10.000	0.000	10.0	3075.9	10.0	33,835
E	604	Quonset	Tiebert Quonset located at	0.000	98.00	46.50	12.00	0.00	0.00	12.000	0.000	12.0	3493.3	10.0	46,112
Bin count:		4											<b>Facility: Forest River Section: E Total:</b>	<b>145,751</b>	
														To Even:	<b>146,000</b>

### Section: F

F	701 E	Quonset	schanilec quonset	0.000	60.00	38.50	7.500	0.00	0.00	7.500	0.000	7.5	1808.8	10.0	14,923
F	701 W	Quonset	schanilec quonset	0.000	60.00	38.50	7.500	0.00	0.00	7.500	0.000	7.5	1808.8	10.0	14,923
F	702W	Quonset	schanilec quonset north	0.000	40.00	36.00	7.500	0.00	0.00	7.500	0.000	7.5	1123.1	10.0	9,265
Bin count:		3											<b>Facility: Forest River Section: F Total:</b>	<b>39,111</b>	
														To Even:	<b>40,000</b>

### Section: H

H	901	Quonset	waslow quonset	0.000	80.00	40.00	10.00	0.00	0.00	10.000	0.000	10.0	2460.7	10.0	27,068
H	902	Quonset	Nelson quonset	0.000	100.0	54.00	8.500	0.00	0.00	8.500	0.000	8.5	4268.0	10.0	39,906
H	903	Flat	Brian Schanilec farm flat	0.000	46.00	46.00	8.000	0.00	0.00	8.000	0.000	8.0	1701.0	10.0	14,969

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Bin count:		3														Facility: Forest River Section: H Total:	<u>81,943</u>
																To Even:	<u>82,000</u>

**Section: J**

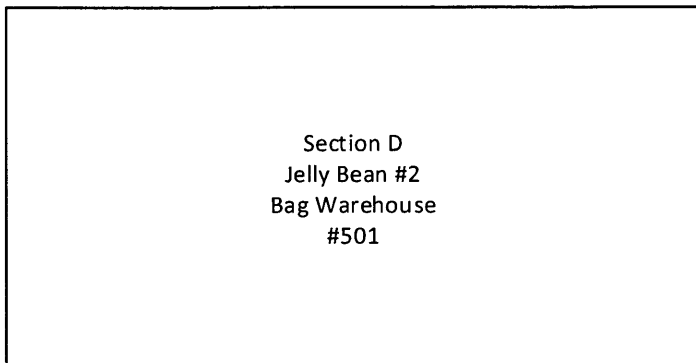
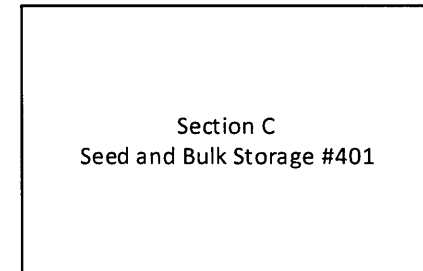
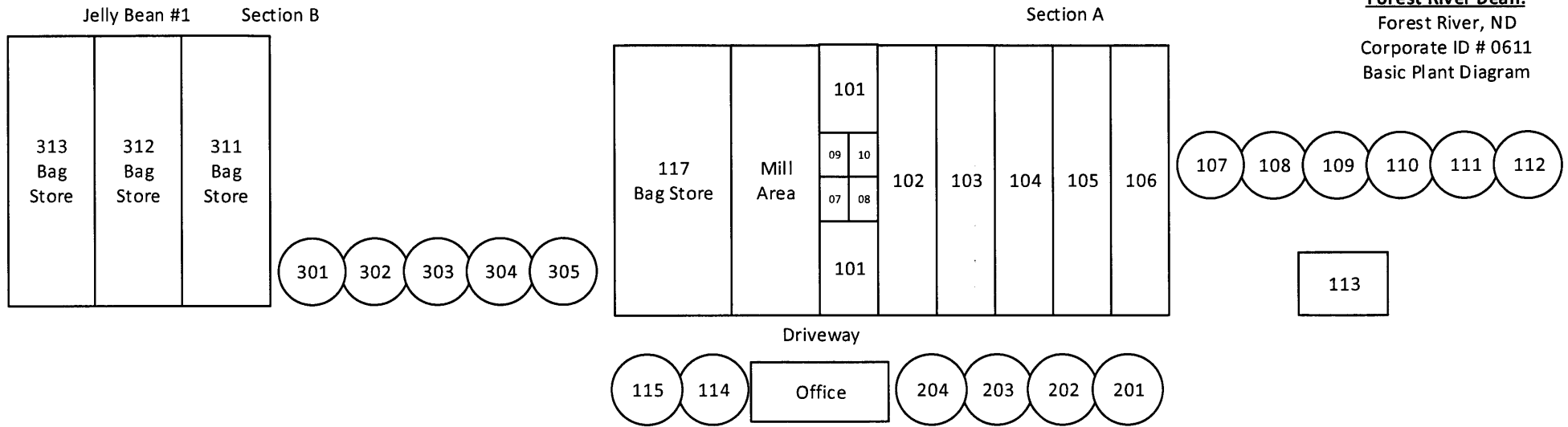
J	101	Flat	Ardoch potato bin	0.000	49.20	19.00	9.000	0.00	0.00	9.000	0.000	9.0	751.4	9.80		7,426	
J	102	Flat	Ardoch potato bin	0.000	48.80	19.00	9.000	0.00	0.00	9.000	0.000	9.0	745.3	9.80		7,365	
J	103	Flat	Ardoch potato bin	0.000	48.80	19.00	9.000	0.00	0.00	9.000	0.000	9.0	745.3	9.80		7,365	
J	104	Flat	Ardoch potato bin	0.000	48.80	19.00	9.000	0.00	0.00	9.000	0.000	9.0	745.3	9.80		7,365	
J	105	Flat	Ardoch potato bin	0.000	48.80	19.00	9.000	0.00	0.00	9.000	0.000	9.0	745.3	9.80		7,365	
J	106	Flat	Ardoch potato bin	0.000	48.80	19.00	9.000	0.00	0.00	9.000	0.000	9.0	745.3	9.80		7,365	
Bin count:		6														Facility: Forest River Section: J Total:	<u>44,251</u>
																To Even:	<u>45,000</u>

**Section: K**

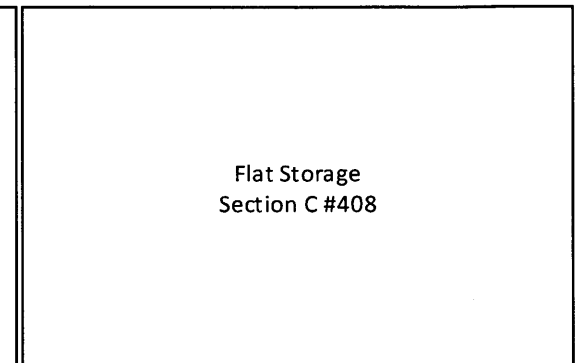
K	Gowan Quon	Quonset	top of bin at side wall	0.000	115.0	80.00	10.00	0.00	0.00	10.000	0.000	10.0	7317.7	10.0		80,495	
Bin count:		1														Facility: Forest River Section: K Total:	<u>80,495</u>
																To Even:	<u>81,000</u>

<b><u>Overall Licensed Bin Capacity for:</u></b>	<b>Licensed Capacity:</b>	<u>930,611 Bu.</u>
Forest River Bean Co Inc	(includes pack)	
Bin count: 60	<b>Licensed Capacity (to even):</b>	<u>935,000 Bu.</u>
	(includes pack and section totals are rounded up to next highest 1000)	

**Forest River Bean.**  
 Forest River, ND  
 Corporate ID # 0611  
 Basic Plant Diagram



Section E consists of the 3 Tiebert farm quonsets and the Voss quonset  
 Section F consists of the Schanilec farm quonset  
 Section H consists of the Waslow farm quonset  
 Section J consists of the six potato warehouse bins at Ardoch  
 #101 – 19.0'W x 48.8'L – Bottom of rafter to floor 17.75'  
 #102- 19.0'W x 49.2'L – Bottom of rafter to floor 17.75'  
 Need actual dimensions of remaining 4 bins.  
 Section M consists of 4 potato warehouse bins south of Minto  
 leased from Grzadz (Gaditez?)



## Basic Dimensions

Average Dimensions 49.0' L x 24.4' W

Grain Wall Height 20.0'

Catwalk Height at grate 25.0'

Upper Horizontal brace rods 20.3'

Lower Horizontal brace Rods 8.0'

Horizontal bolt rows on grain wall starting at the top of the wall

1<sup>st</sup> row down from top 16.5'

2<sup>nd</sup> row 13.8'

3<sup>rd</sup> row 11.5'

4<sup>th</sup> row 9.5'

5<sup>th</sup> row 8.0'

6<sup>th</sup> row 6.5'

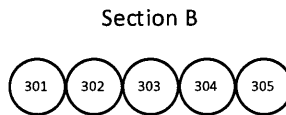
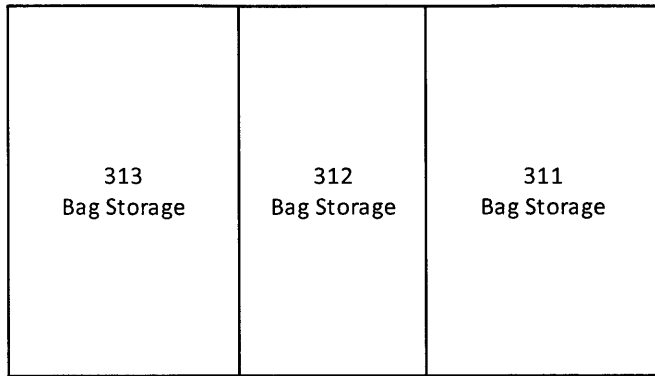
7<sup>th</sup> row 5.4'

<- not reliable grain depth indicators

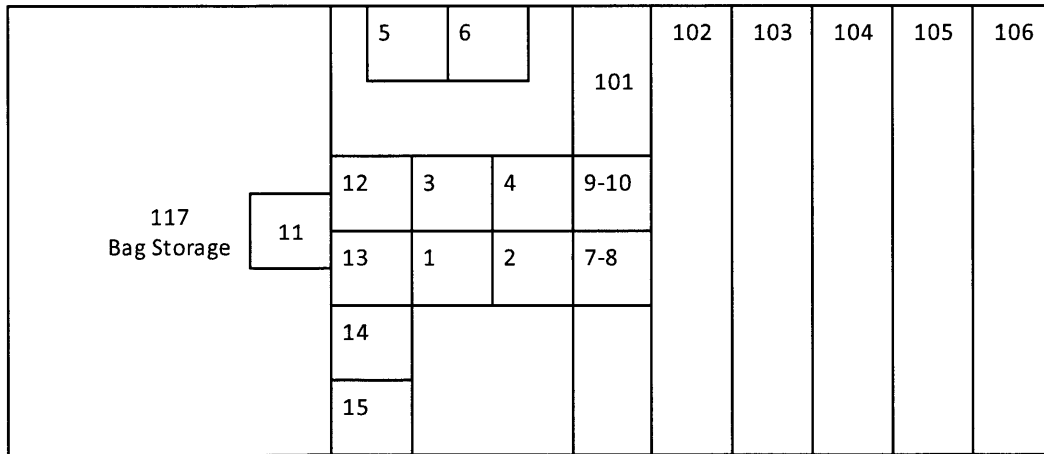
**Forest River Bean.**  
Forest River, ND  
Corporate ID # 0611  
Section A – Flat Storage Bins

101		102	103	104	105	106
09	10					
07	08					

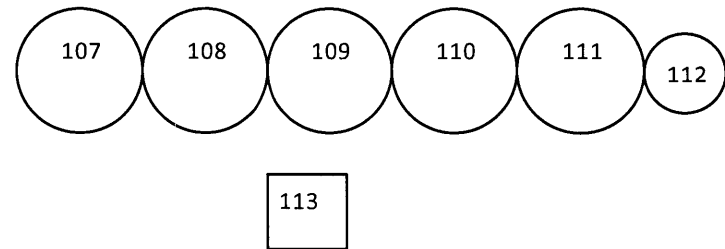
Section B  
 Jelly Bean #1



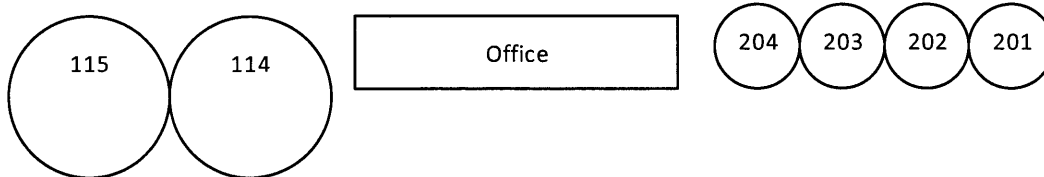
Mill Area Section A



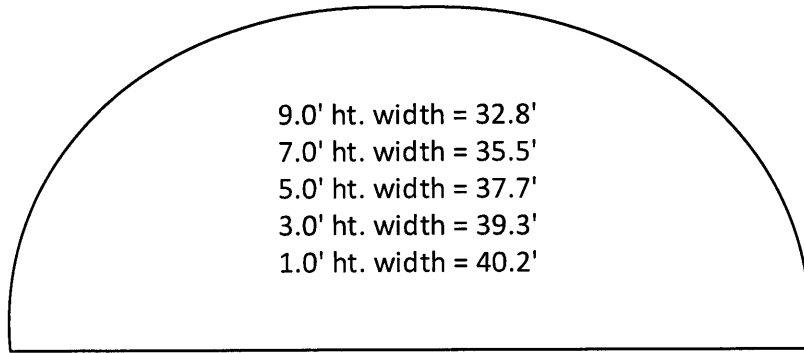
Section A



Driveway



**Forest River Bean.**  
Forest River, ND  
Corporate ID # 0611  
Tiebert Far East Quonset #603



**Base Dimensions**

100.0' L x 40.5' W

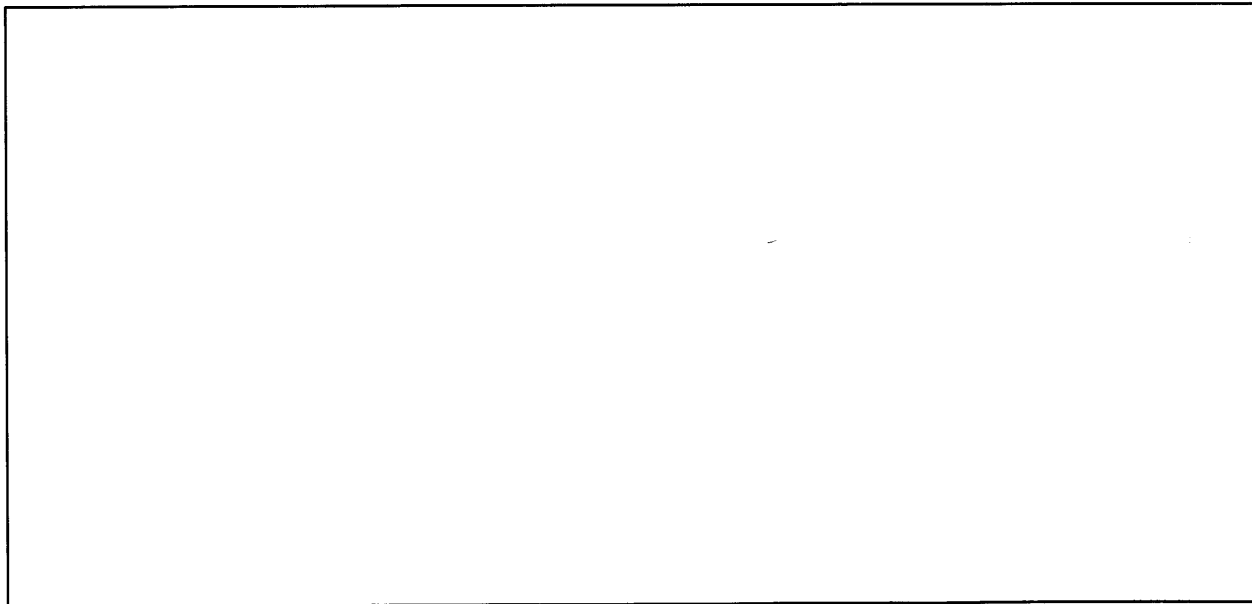
**Side Wall Seams**

1<sup>st</sup> up from floor 2.8'

2<sup>nd</sup> Seam 8.3'

3<sup>rd</sup> Seam 11.0'

Bottom Center U-Trough to Floor 17.0'



**Forest River Bean.**

Forest River, ND

Corporate ID # 0611

Section C – Warehouse #5

Bin #401

**Basic Dimensions**

Inside 123.5'L x 48.8'W

Grain wall ht. 9.5'

Overhead center rafter bottom to floor 24.0'

Main beams & rafters spacing center to center 25.0'

Overhead horizontal roof purlins starting at side wall and going out

1<sup>st</sup> roof purlin bottom to floor 16.5'

2<sup>nd</sup> roof purlin 18.1'

3<sup>rd</sup> roof purlin 19.8'

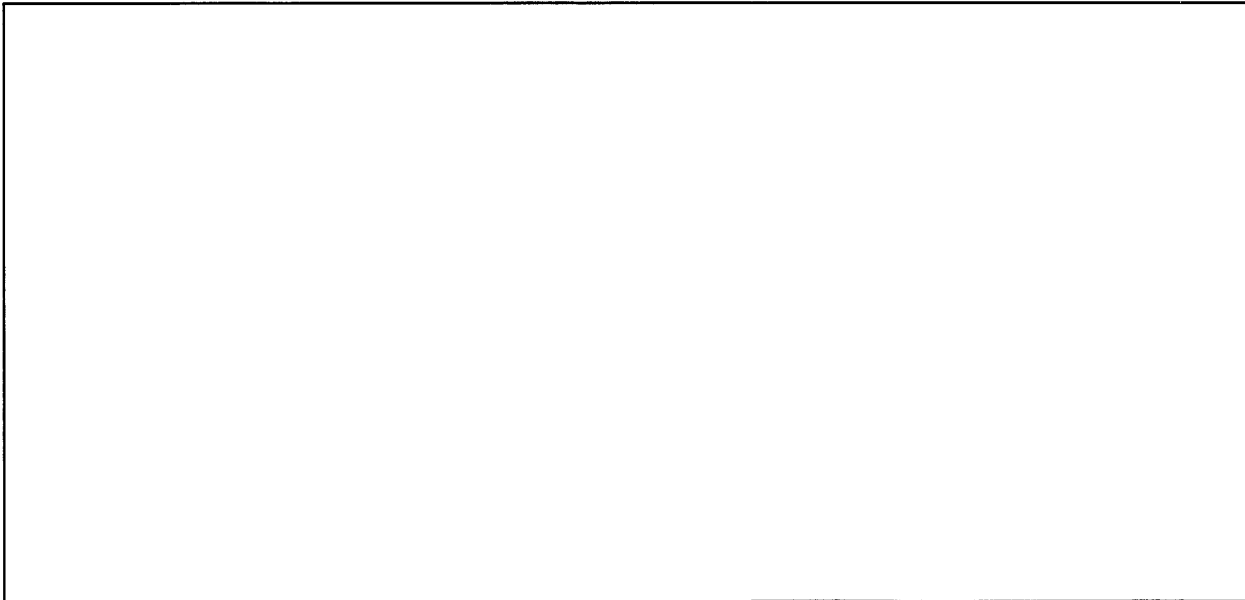
4<sup>th</sup> roof purlin 21.5'

Side wall bolt rows starting at top of grain wall

1<sup>st</sup> row down from top 7.2'

2<sup>nd</sup> row down from top 5.9'

3<sup>rd</sup> row down from top 2.5'



Basic Dimensions

Inside 58.0'W x 148

Inside Grain Wall Height 12.5'

Bottom center of rafter to floor 27.0'

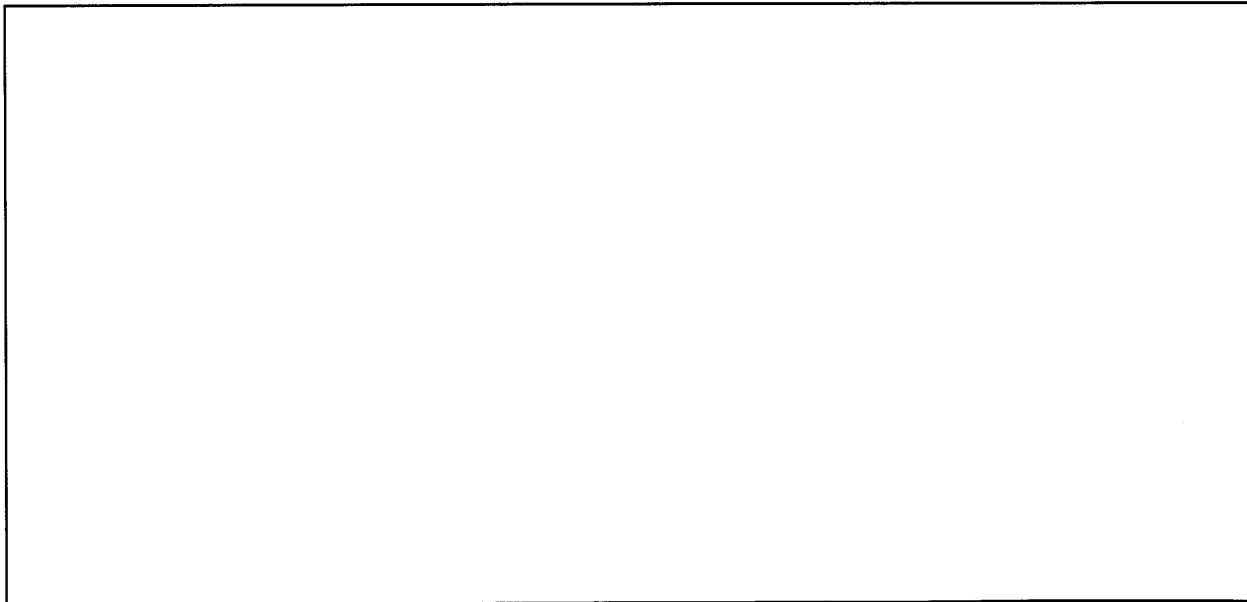
Bottom of two opposite of center purlins above center of rafter to floor 29.0'

Rafter spacing 25.0' on center

Intermediate side wall bean 12.5' from rafter on center

Grain wall height at front overhead door 7.0'

Grain wall height at rear overhead door ??



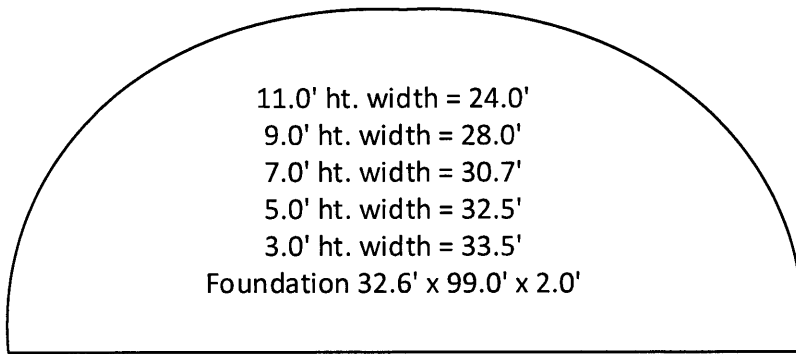
**Forest River Bean.**

Forest River, ND

Corporate ID # 0611

"The Twins" Bin# 601 & 602

Location: 4 miles N – 1 mile W – ½ mile N  
of town



Basic Information

Foundation 32.6' W x 99.0' L x 2.0' H

Base dimensions of metal above foundation 34.0' W x 100.3' L

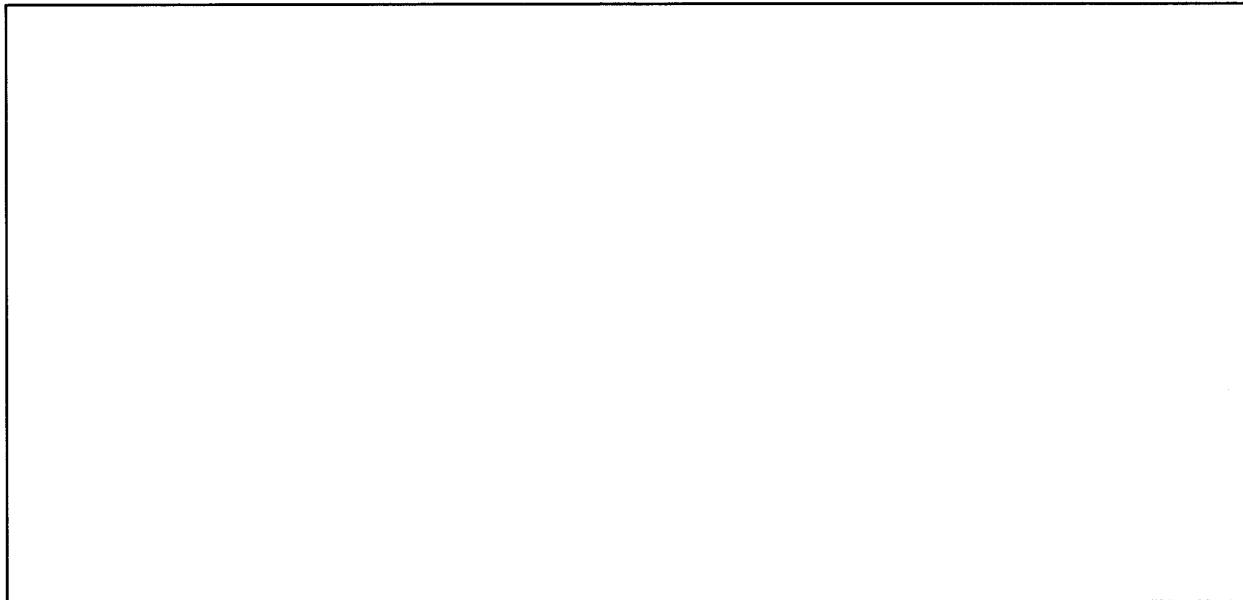
Bottom overhead u-trough to floor 15.7'

Side wall panel seams top of to floor

1<sup>st</sup> Joint & silver paint line 4.8'

2<sup>nd</sup> Joint 9.5'

3<sup>rd</sup> Joint 11.8'



**Forest River Bean.**

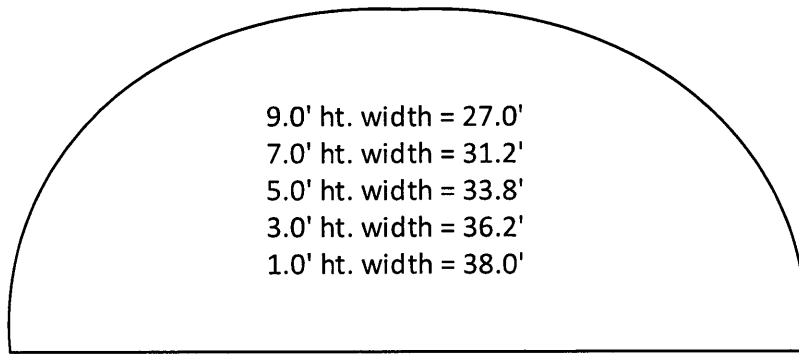
Forest River, ND

Corporate ID # 0611

Schanilec Farm North Quonset #702

Location: 2 miles north of town – 4 Miles

West – north ½ mile – farm on west side  
of road



**Basic Information**

West half dimensions 38.5' W x 60.0' L

Sidewall seams

1<sup>st</sup> seam 2.6'

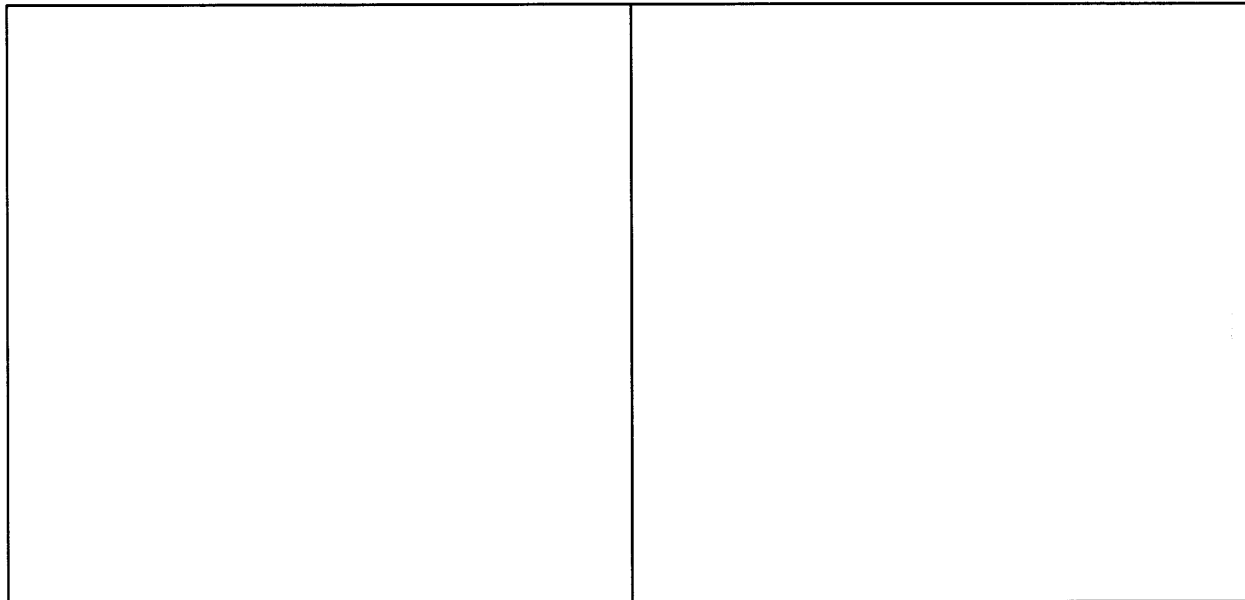
2<sup>nd</sup> seam 8.0'

3<sup>rd</sup> seam 9.8'

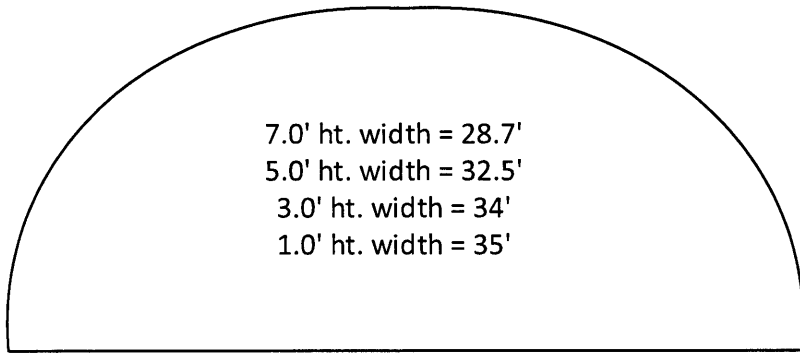
Center Grain wall height 10.5'

Overhead Center u-trough to floor 13.8'

East half 38.5' W x 59.0' L



**Forest River Bean.**  
Forest River, ND  
Corporate ID # 0611  
Schanilec Farm North Quonset #702



Basic Information

West half dimensions 36.0' W x 40.0' L

Sidewall seams

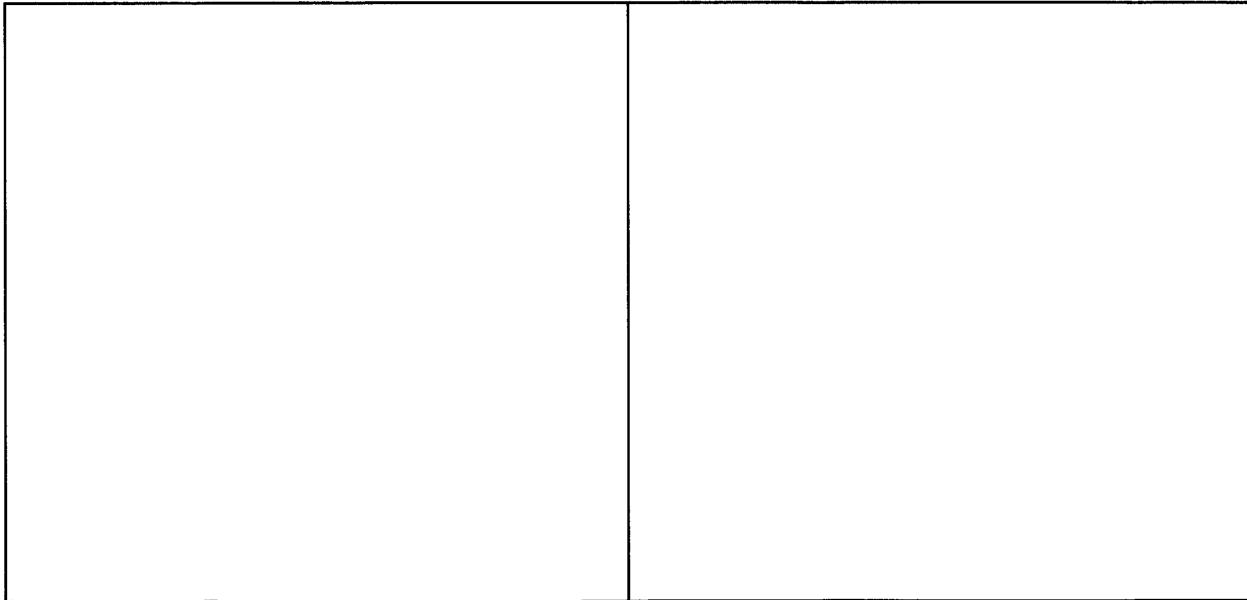
1<sup>st</sup> seam 2.75'

2<sup>nd</sup> seam 8.0'

3<sup>rd</sup> seam 10.25'

Overhead center U-Trough 14.5'

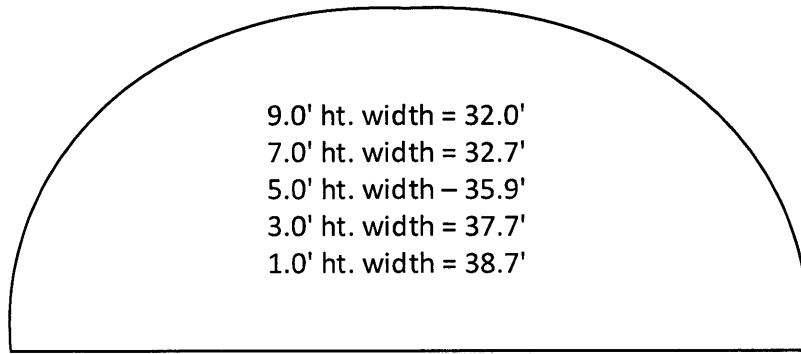
Center divider grain wall height ???



**Forest River Bean.**

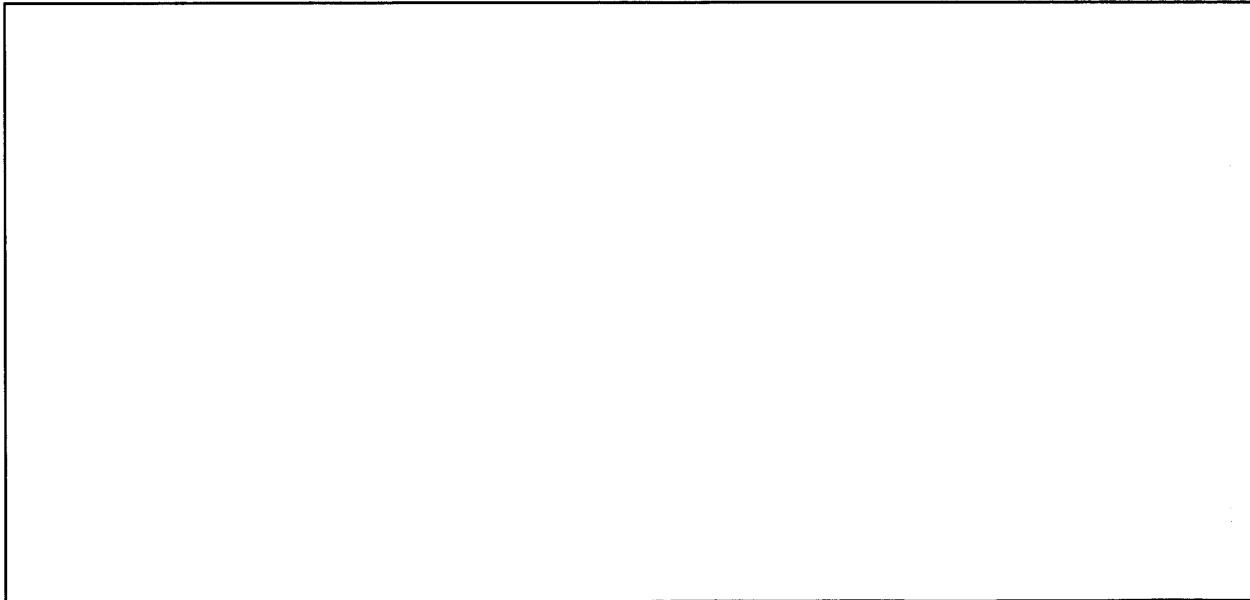
Forest River, ND  
Corporate ID # 0611  
Section G Bin #801  
Halverson Quonset

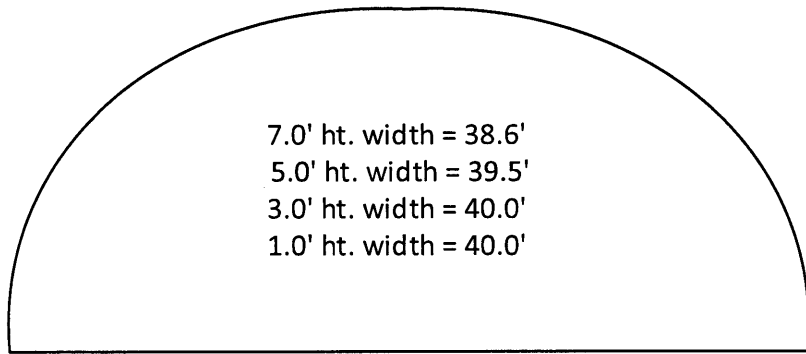
Location: From potato plant and rail  
crossing – ½ Mile West on County 18 – ½  
Mile South – West Side of Road



**Basic Information**

Base Dimensions : 40.0'W x 99.5' L  
Side wall braces top of to floor 6.0'  
Side wall channel iron top of to floor 9.8'  
Overhead horizontal flat iron support 15.5'  
Center bottom U-Trough to floor 18.0'





**Forest River Bean.**

Forest River, ND  
Corporate ID # 0611  
Section H Bin #901  
Waslow Quonset

Location: 1 mile North of town – 3 Miles  
West – 2 Miles North – ½ Mile East  
Location from Schanilec Farm – ½ Mile  
North – ½ Mile East

Basic Information

Base Dimensions 40.0' W x 81.0' L

Sidewall seams to floor

1<sup>st</sup> seam 3.0'

2<sup>nd</sup> seam 6.0'

3<sup>rd</sup> seam 10.75'

Bottom center U-Trough 16.75'

U-Trough space center to center 2.0'

