

Client ID: 4016

NDPSC Bin Capacity Chart

10/17/2017 07:54:34 AM

Exam Date:10/04/2017

Alliance Valley Bean, LLC
3729 Elevator Road
Larimore, ND
County: Grand Forks

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Examiner: 2

Status	Section	Bin Number	Bin Type	Base Point	Diameter or Bu/Ft (Irreg).		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
					Length	Width									

Facility: Larimore

Section: A

A	001	Peaked	eave at side wall	36.000	0.000	0.000	33.20	0.00	0.00	33.200	2.200	35.4	818.2	10.0	31,860
A	001-FB	Peaked	eave at side wall	14.000	0.000	0.000	30.00	2.00	0.00	32.000	0.800	32.8	123.7	5.50	4,280
A	002	Peaked	eave at side wall	36.000	0.000	0.000	33.20	0.00	0.00	33.200	2.200	35.4	818.2	10.0	31,860
A	002-FB	Peaked	eave at side wall	14.000	0.000	0.000	30.00	2.00	0.00	32.000	0.800	32.8	123.7	5.50	4,280
A	003	Peaked	eave at side wall	36.000	0.000	0.000	33.20	0.00	0.00	33.200	2.200	35.4	818.2	10.0	31,860
A	004	Peaked	eave at side wall	30.000	0.000	0.000	22.30	0.00	0.00	22.300	1.800	24.1	568.2	9.00	14,926
A	005	Peaked	eave at side wall	30.000	0.000	0.000	22.30	0.00	0.00	22.300	1.800	24.1	568.2	9.00	14,926
A	006	Peaked	eave at side wall	48.000	0.000	0.000	40.30	0.00	0.00	40.300	3.400	43.7	1454.6	10.0	69,923
A	009	Flat	bag storage	0.000	100.8	59.00	2.500	0.00	0.00	2.500	0.000	2.5	4780.7	10.0	13,147
A	010	Flat	overhead drag to floor 22.0'	0.000	237.4	59.00	8.100	0.00	0.00	8.100	0.000	8.1	11259.3	10.0	100,320
A	011	Peaked	eave at side wall	21.000	0.000	0.000	14.00	2.80	0.00	16.800	1.300	18.1	278.4	6.80	5,382
A	R1	Round	eave at side wall	12.000	0.000	0.000	12.40	2.00	0.00	14.400	0.000	14.4	90.9	5.00	1,374
A	R2	Round	eave at side wall	12.000	0.000	0.000	12.40	2.00	0.00	14.400	0.000	14.4	90.9	5.00	1,374

Bin count: 13

Facility: Larimore Section: A Total: **325,512**

To Even: **326,000**

Section: B

B	007	Peaked	eave at side wall	24.000	0.000	0.000	24.00	3.70	0.00	27.700	1.400	29.1	363.7	7.80	11,410
B	008	Peaked	eave at side wall	24.000	0.000	0.000	24.00	3.70	0.00	27.700	1.400	29.1	363.7	7.80	11,410
B	009	Peaked	eave at side wall	15.000	0.000	0.000	17.50	2.00	0.00	19.500	0.900	20.4	142.1	5.50	3,058
B	010	Peaked	eave at side wall	15.000	0.000	0.000	17.50	2.00	0.00	19.500	0.900	20.4	142.1	5.50	3,058
B	012	Peaked	eave at side wall	15.000	0.000	0.000	17.50	2.00	0.00	19.500	0.900	20.4	142.1	5.50	3,058

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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: Larimore**Section: B**

B	013	Peaked	eave at side wall		48.000	0.000	0.000	40.30	0.00	0.00	40.300	3.400	43.7	1454.6	10.0	69,923
B	014	Peaked	eave at side wall		15.000	0.000	0.000	18.30	2.40	0.00	20.700	0.900	21.6	142.1	5.50	3,238
B	GSI	Peaked	eave at side wall		12.000	0.000	0.000	10.00	2.20	0.00	12.200	0.700	12.9	90.9	5.00	1,232

Bin count: 8

Facility: Larimore Section: B Total: **106,387**To Even: **107,000****Section: T**

Added	T	001	Quonset	B.Trosen quonset north of	0.000	100.0	80.00	7.100	0.00	0.00	7.100	0.000	7.1	6396.9	10.0	49,960
Added	T	002	Quonset	B.Trosen quonset north of	0.000	100.0	80.00	7.100	0.00	0.00	7.100	0.000	7.1	6396.9	10.0	49,960

Bin count: 2

Facility: Larimore Section: T Total: **99,920**To Even: **100,000**

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3729 Elevator Road
Larimore, ND
County: Grand Forks

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Examiner: 2

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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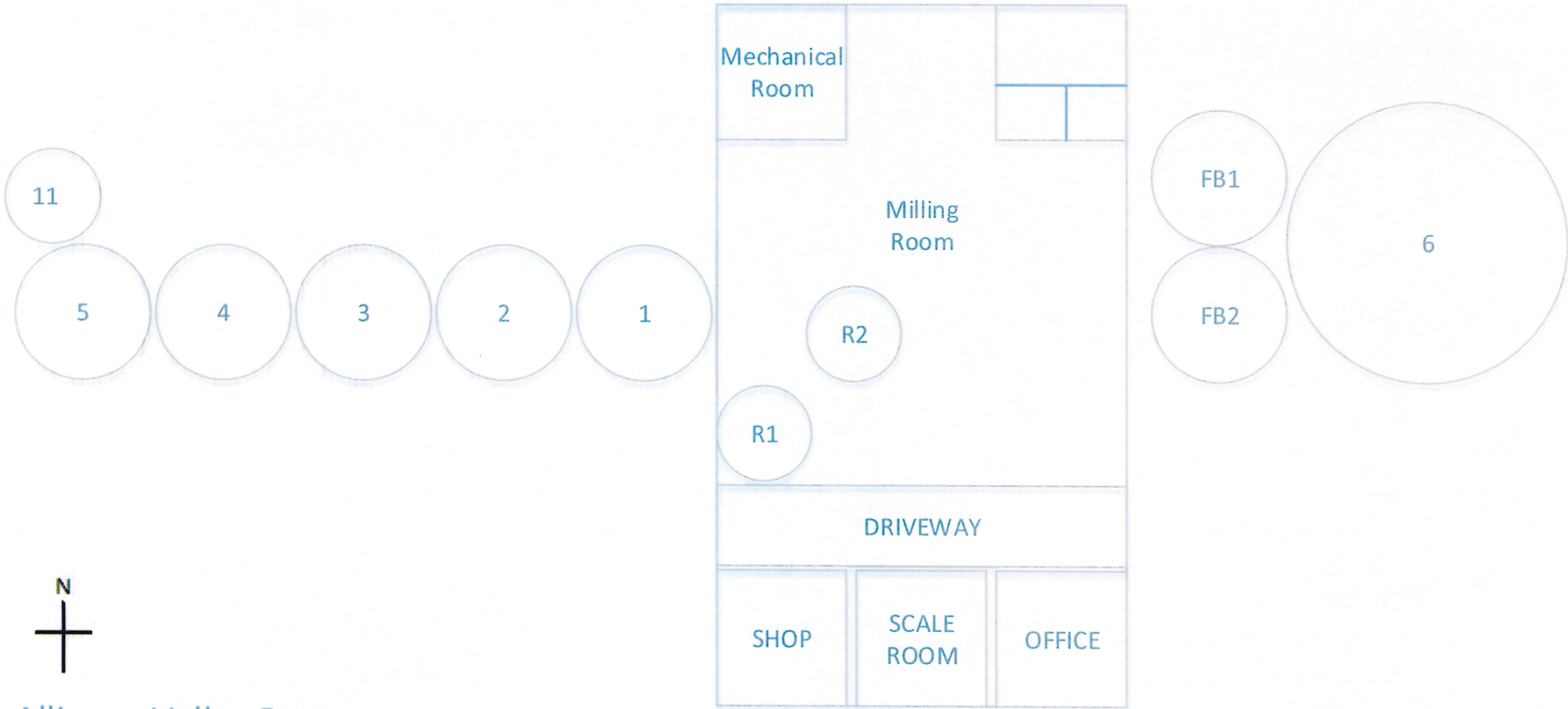
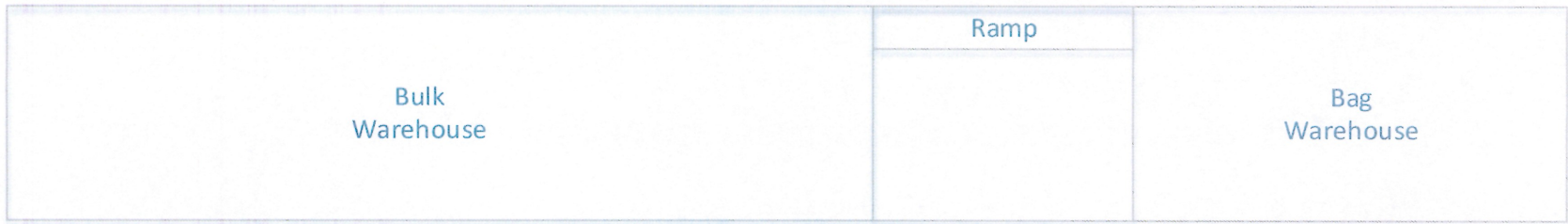
Facility: Sharon**Section: F**

Added	F	208	Peaked	eave at side wall	16.000	0.000	0.000	25.00	3.00	0.00	28.000	1.000	29.0	161.6	5.80	4,958
Added	F	210	Peaked	eave at side wall	16.000	0.000	0.000	25.00	3.00	0.00	28.000	1.000	29.0	161.6	5.80	4,958

Bin count: 2**Facility: Sharon Section: F Total: 9,916****To Even: 10,000****Section: S**

S	001	Peaked	eave at side wall	16.000	0.000	0.000	20.00	2.00	0.00	22.000	1.000	23.0	161.6	5.80	3,933
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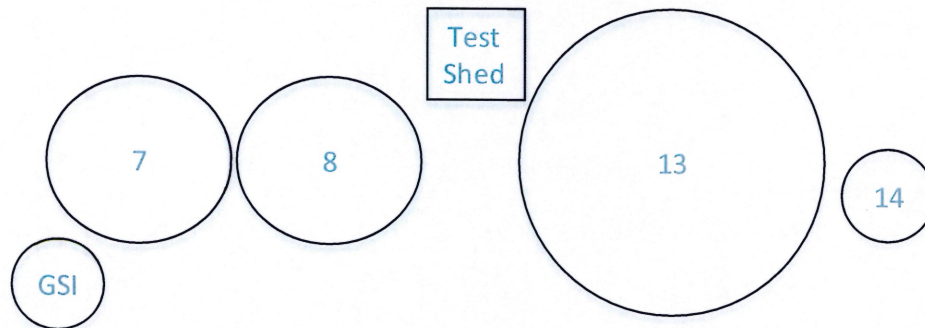
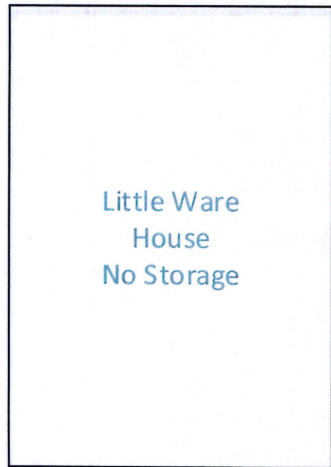
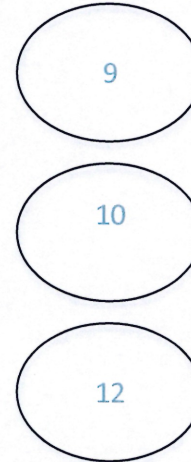
Bin count: 1**Facility: Sharon Section: S Total: 3,933****To Even: 4,000****Overall Licensed Bin Capacity for:****Alliance Valley Bean, LLC****Bin count: 26****Licensed Capacity:**
(includes pack)**545,668 Bu.****Licensed Capacity (to even):**
(includes pack and section totals are
rounded up to next highest 1000)**547,000 Bu.**



Alliance Valley Bean
Bin Map A

Alliance Valley Bean Bin Map B

Road Between facility and South "Bin Map B" Storage



County Road 4 South Side of facility

Alliance Valley Bean
Bin Map Section T
10-10-17 PH



Alliance Valley Bean

Bin Map S 101

10-10-17 PH

Base Dimensions

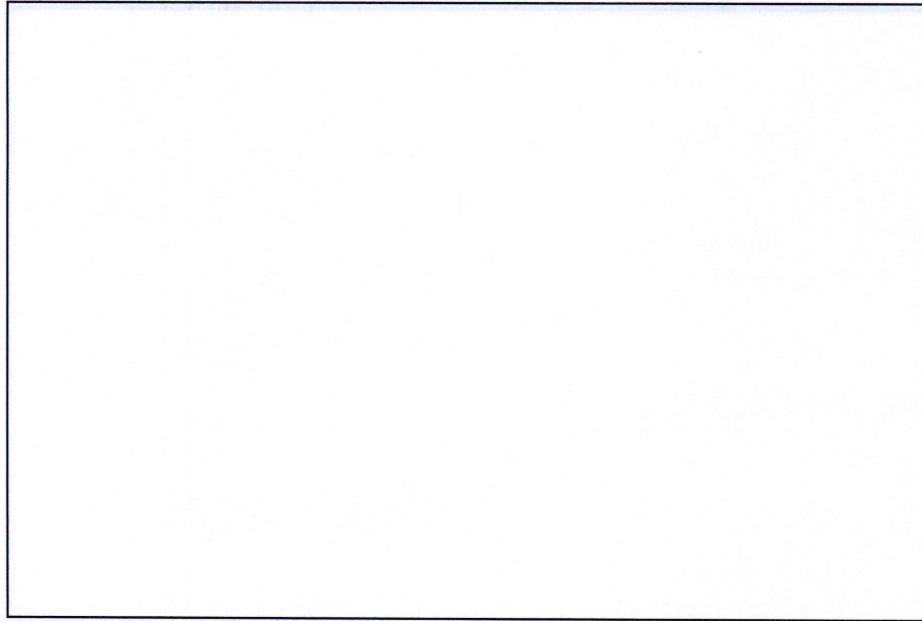
39.1' W x 198.8' L

Sidewall 16.75'

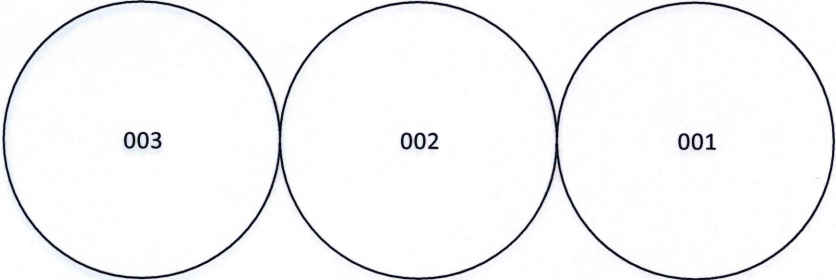
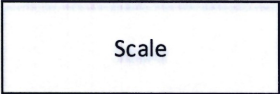
Bottom of center Drag to Floor 16.8'

Estimated grain height at sidewall 5.0' plus estimated center grain height of 13.75'

Capacity calculated with an average grain depth of 9.0'



Alliance Valley Bean
Bin Map Section S
10-10-17 PH



Three hopper tanks – 16 dia 20' side 6' Hop
Flat storage shed 1.2 block west of office

Alliance Valley Bean

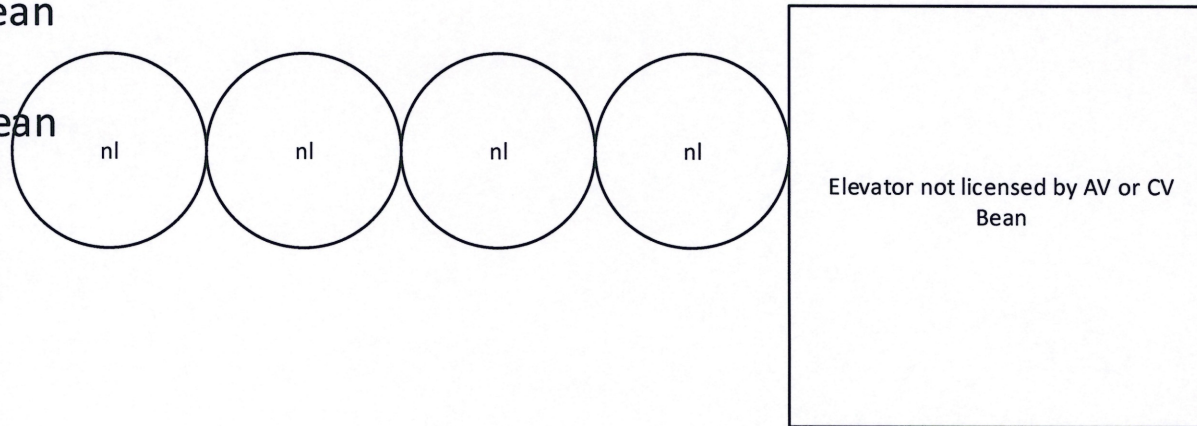
Bin Map Section F

Fairdale ND

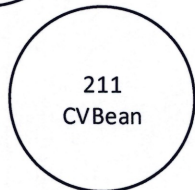
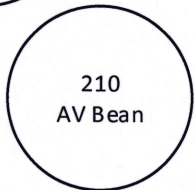
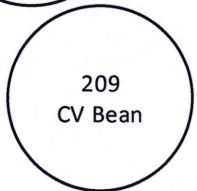
10-10-17 PH

Only has 2 bins CV Bean
licensed

Only has 2 bins AV Bean
licensed



All 4 5k ea



Bauske, Shelly A.

From: Hart, Patrick M.
Sent: Tuesday, October 17, 2017 7:57 AM
To: Trish Braaten
Cc: Bauske, Shelly A.
Subject: RE: Alliance Valley Bean - Capacity
Attachments: 0416 - Alliance Valley Bean Bin Chart All Sections.pdf; SOC 10-17.pdf

Made the change for 8 & 10.

Thanks guys!

Patrick

From: Trish Braaten [<mailto:trish.braaten@alliancevalleybean.com>]
Sent: Monday, October 16, 2017 1:55 PM
To: Bauske, Shelly A. <sbauske@nd.gov>
Cc: Hart, Patrick M. <phart@nd.gov>
Subject: RE: Alliance Valley Bean - Capacity

CAUTION: This email originated from an outside source. Do not click links or open attachments unless you know they are safe.

Hi Shelly,

The bins and capacity all appears to be correct. I don't know how specific we need to be, but we are using bin 10 & 8 in Fairdale and CV is using the other two. They are all the same capacity- so I don't know if you want to change that or if it mattered.

Thank you,
Trish

From: Bauske, Shelly A. [<mailto:sbauske@nd.gov>]
Sent: Monday, October 16, 2017 1:42 PM
To: Trisha Braaten (trish.braaten@alliancevalleybean.com) <trish.braaten@alliancevalleybean.com>
Cc: Hart, Patrick M. <phart@nd.gov>
Subject: Alliance Valley Bean - Capacity

Good Afternoon Trish

Please review the attached bin charts and diagrams. Based on the attached information, the total capacity for Alliance Valley Bean is: 547,00 bushels (rounded up):

Larimore: 533,000 (includes the two (2) Section T Quonsets at 50,000 bushels each)
Sharon: 4,000
Fairdale: 10,000

The current bond you have on file is \$341,250. This will cover a capacity through 550,000 bushels.

Please confirm these documents are correct. If you have changes to the attached documents, please contact Patrick Hart at phart@nd.gov.

Thank you!

Shelly Bauske
Public Service Commission
600 E Boulevard Ave Dept 408
Bismarck ND 58505-0480
701-328-4070
701-328-2410 (fax)
sbauske@nd.gov

From: Hart, Patrick M.
Sent: Thursday, October 12, 2017 3:06 PM
To: Bauske, Shelly A.
Subject: AVBean SOC and Bin Map

This is with 2 Fairdale bins 5k ea, no Sharon warehouse 66k , also added 2 new section T Quonsets 50k bu each.

Thanks

Patrick Hart
Grain Warehouse Inspector
[ND Public Service Commission](#)
701.391.4119

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