

Exam Date: 11/14/2016

Luverne Farmers Co-operative Elev Co  
 Box 156  
 Luverne , ND  
 County:  
 Phone: 701-769-2107  
 CCC Number: 2 4937

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Examiner: 1

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

101	E	4,000
102	E	4,000
103	E	4,000
104	E	4,000
105	E	4,000
106	E	4,000
		<b>Total: 24,000</b>

**PART B - SPACE TO BE DELETED UNDER LICENSE**

001	C	5,887
002	C	5,887
006	C	5,887
008	C	5,887
009	C	5,887
010	C	5,887
101	C	3,169
		<b>Total: 38,491</b>

**PART C - ALL SPACE TO BE INCLUDED UNDER LICENSE**

A	267,000
B	84,000
D	7,000
E	150,000
F	16,000
<b>Total: 524,000</b>	

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

Luverne	335	A	B	D	E	F	524,000
							<b>Total: 524,000</b>

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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: Luverne

### Section: A

A	001	Square	bin floor		0.000	5.700	3.500	49.50	0.00	0.00	49.500	0.000	49.5	16.0	2.00	808
A	003	Square	bin floor		0.000	7.000	4.200	48.00	0.00	0.00	48.000	0.000	48.0	23.6	2.00	1,156
A	004	Square	bin floor		0.000	10.70	4.200	45.00	0.00	0.00	45.000	0.000	45.0	36.1	3.00	1,674
A	005 T	Square	bin floor		0.000	10.70	6.400	48.00	0.00	0.00	48.000	0.000	48.0	55.0	4.50	2,759
A	005 B	Square	bin floor - top 48'		0.000	10.90	10.70	20.00	0.00	0.00	20.000	0.000	20.0	93.8	5.80	1,985
A	006	Square	bin floor		0.000	7.000	5.700	49.50	0.00	0.00	49.500	0.000	49.5	32.1	2.50	1,629
A	007	Square	bin floor		0.000	10.70	5.700	48.00	0.00	0.00	48.000	0.000	48.0	49.0	4.20	2,451
A	008	Square	bin floor		0.000	10.70	5.700	48.00	0.00	0.00	48.000	0.000	48.0	49.0	4.20	2,451
A	009	Square	bin floor		0.000	7.000	5.700	49.50	0.00	0.00	49.500	0.000	49.5	32.1	2.50	1,629
A	010	Square	bin floor		0.000	10.90	10.70	68.00	0.00	0.00	68.000	0.000	68.0	93.8	5.80	6,748
A	011	Square	bin floor		0.000	10.90	7.000	48.00	0.00	0.00	48.000	0.000	48.0	61.3	4.80	3,083
A	012 T	Square	bin floor		0.000	7.200	6.200	12.00	0.00	0.00	12.000	0.000	12.0	35.9	3.00	444
A	012 B	Square	bin floor - top 12'		0.000	10.90	7.200	36.00	0.00	0.00	36.000	0.000	36.0	63.1	5.00	2,386
A	013	Square	bin floor		0.000	7.200	5.700	49.50	0.00	0.00	49.500	0.000	49.5	33.0	2.50	1,675
A	015	Square	bin floor		0.000	10.90	10.60	68.00	0.00	0.00	68.000	0.000	68.0	92.9	5.80	6,683
A	016	Square	bin floor		0.000	10.60	5.700	48.00	0.00	0.00	48.000	0.000	48.0	48.6	4.20	2,431
A	018	Square	bin floor		0.000	5.300	5.200	20.00	0.00	0.00	20.000	0.000	20.0	22.2	2.00	453
A	019	Square	bin floor		0.000	5.300	5.200	20.00	0.00	0.00	20.000	0.000	20.0	22.2	2.00	453
A	020 T	Square	bin floor		0.000	5.300	5.200	20.00	0.00	0.00	20.000	0.000	20.0	22.2	2.00	453
A	020 B	Square	bin floor - top 20'		0.000	10.60	5.300	27.50	0.00	0.00	27.500	0.000	27.5	45.2	4.00	1,293
A	021	Square	bin floor		0.000	5.700	3.500	49.50	0.00	0.00	49.500	0.000	49.5	16.0	2.00	808

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Box 156

Luverne , ND

County:

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: Luverne

### Section: A

A	022 T	Square	bin floor	0.000	5.300	5.200	20.00	0.00	0.00	20.000	0.000	20.0	22.2	2.00	453
A	022 M	Square	bin floor-top 20'	0.000	10.60	5.300	27.00	0.00	0.00	27.000	0.000	27.0	45.2	4.00	1,269
A	022B	Square	bin floor-top & mddle 47'	0.000	10.90	10.60	21.00	0.00	0.00	21.000	0.000	21.0	92.9	5.80	2,064
A	023	Square	bin floor	0.000	7.200	4.200	48.00	0.00	0.00	48.000	0.000	48.0	24.3	2.50	1,195
A	024	Square	bin floor	0.000	10.60	5.700	48.00	0.00	0.00	48.000	0.000	48.0	48.6	4.20	2,431
A	101 T	Square	bin floor	0.000	17.00	14.20	62.00	0.00	0.00	62.000	0.000	62.0	194.1	7.00	12,876
A	101 B	Square	bin floor - top 62'	0.000	14.80	14.20	7.500	0.00	0.00	7.500	0.000	7.5	168.9	7.00	1,356
A	102 T	Square	bin floor	0.000	17.00	14.20	62.00	0.00	0.00	62.000	0.000	62.0	194.1	7.00	12,876
A	102 B	Square	bin floor - top 62'	0.000	14.80	14.20	7.500	0.00	0.00	7.500	0.000	7.5	168.9	7.00	1,356
A	103 T	Square	bin floor	0.000	17.00	14.50	62.00	0.00	0.00	62.000	0.000	62.0	198.2	7.00	13,148
A	103 B	Square	bin floor - top 62'	0.000	14.80	14.50	7.500	0.00	0.00	7.500	0.000	7.5	172.5	7.00	1,385
A	104 T	Square	bin floor	0.000	17.00	14.50	62.00	0.00	0.00	62.000	0.000	62.0	198.2	7.00	13,148
A	104 B	Square	bin floor - top 62'	0.000	14.80	14.50	7.500	0.00	0.00	7.500	0.000	7.5	172.5	7.00	1,385
A	105 T	Square	bin floor	0.000	17.00	14.50	62.00	0.00	0.00	62.000	0.000	62.0	198.2	7.00	13,148
A	105 B	Square	bin floor - top 62'	0.000	14.80	14.50	7.500	0.00	0.00	7.500	0.000	7.5	172.5	7.00	1,385
A	106 T	Square	bin floor	0.000	17.00	14.50	62.00	0.00	0.00	62.000	0.000	62.0	198.2	7.00	13,148
A	106 B	Square	bin floor - top 62'	0.000	14.80	14.50	7.500	0.00	0.00	7.500	0.000	7.5	172.5	7.00	1,385
A	107 T	Square	bin floor	0.000	17.00	14.50	62.00	0.00	0.00	62.000	0.000	62.0	198.2	7.00	13,148
A	107 B	Square	bin floor - top 62'	0.000	14.80	14.50	7.500	0.00	0.00	7.500	0.000	7.5	172.5	7.00	1,385
A	108 T	Square	bin floor	0.000	17.00	14.50	62.00	0.00	0.00	62.000	0.000	62.0	198.2	7.00	13,148
A	108 B	Square	bin floor - top 62'	0.000	14.80	14.50	7.500	0.00	0.00	7.500	0.000	7.5	172.5	7.00	1,385

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Box 156  
Luverne , ND  
County:

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: Luverne

### Section: A

A	109 T	Square	bin floor		0.000	17.00	14.50	62.00	0.00	0.00	62.000	0.000	62.0	198.2	7.00	13,148
A	109 B	Square	bin floor - top 62'		0.000	14.80	14.50	7.500	0.00	0.00	7.500	0.000	7.5	172.5	7.00	1,385
A	110 T	Square	bin floor		0.000	17.00	14.50	62.00	0.00	0.00	62.000	0.000	62.0	198.2	7.00	13,148
A	110 B	Square	bin floor - top 62'		0.000	14.80	14.50	7.500	0.00	0.00	7.500	0.000	7.5	172.5	7.00	1,385
A	111 T	Square	bin floor		0.000	17.00	14.20	62.00	0.00	0.00	62.000	0.000	62.0	194.1	7.00	12,876
A	111 B	Square	bin floor - top 62'		0.000	14.80	14.20	7.500	0.00	0.00	7.500	0.000	7.5	168.9	7.00	1,356
A	112 T	Square	bin floor		0.000	17.00	14.20	62.00	0.00	0.00	62.000	0.000	62.0	194.1	7.00	12,876
A	112 B	Square	bin floor - top 62'		0.000	14.80	14.20	7.500	0.00	0.00	7.500	0.000	7.5	168.9	7.00	1,356
A	201 T	Square	catwalk		0.000	12.50	12.00	34.00	0.00	0.00	34.000	0.000	34.0	120.6	6.50	4,367
A	201 B	Square	catwalk - top 34'		0.000	11.80	10.80	9.000	0.00	0.00	9.000	0.000	9.0	102.4	6.00	977
A	202 T	Square	catwalk		0.000	12.50	12.00	33.00	0.00	0.00	33.000	0.000	33.0	120.6	6.50	4,239
A	202 B	Square	catwalk - top 33'		0.000	11.80	9.800	10.00	0.00	0.00	10.000	0.000	10.0	93.0	5.80	984
A	203 T	Square	catwalk		0.000	12.50	12.10	34.00	0.00	0.00	34.000	0.000	34.0	121.6	6.50	4,403
A	203 B	Square	catwalk- top 34'		0.000	12.00	10.80	9.000	0.00	0.00	9.000	0.000	9.0	104.2	6.00	994
A	204 T	Square	catwalk		0.000	12.50	12.10	33.00	0.00	0.00	33.000	0.000	33.0	121.6	6.50	4,274
A	204 B	Square	catwalk - top 33'		0.000	12.00	9.800	10.00	0.00	0.00	10.000	0.000	10.0	94.5	6.00	1,002
A	205 T	Square	catwalk		0.000	12.50	12.10	34.00	0.00	0.00	34.000	0.000	34.0	121.6	6.50	4,403
A	205 B	Square	catwalk- top 34'		0.000	12.00	10.80	9.000	0.00	0.00	9.000	0.000	9.0	104.2	6.00	994
A	206 T	Square	CATWALK		0.000	12.50	12.10	33.00	0.00	0.00	33.000	0.000	33.0	121.6	6.50	4,274
A	206 B	Square	catwalk - top 33'		0.000	12.00	9.800	10.00	0.00	0.00	10.000	0.000	10.0	94.5	6.00	1,002
A	207 T	Square	catwalk		0.000	12.50	12.00	34.00	0.00	0.00	34.000	0.000	34.0	120.6	6.50	4,367

Client ID: 918

## NDPSC Bin Capacity Chart

02/24/2017 09:15:44 AM

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Luverne Farmers Co-operative Elev Co

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Box 156  
Luverne , ND  
County:

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: Luverne****Section: A**

A	207 B	Square	catwalk - top 34'	0.000	11.80	10.80	9.000	0.00	0.00	9.000	0.000	9.0	102.4	6.00	977
A	208 T	Square	catwalk	0.000	12.50	12.00	33.00	0.00	0.00	33.000	0.000	33.0	120.6	6.50	4,239
A	208 B	Square	catwalk - top 33'	0.000	11.80	9.800	10.00	0.00	0.00	10.000	0.000	10.0	93.0	5.80	984

Bin count: 66

Facility: Luverne Section: A Total: **266,536**To Even: **267,000****Section: B**

B	001	Square	catwalk	0.000	13.00	11.50	50.00	0.00	0.00	50.000	0.000	50.0	120.2	6.50	6,401
B	002 T	Square	catwalk	0.000	13.50	11.50	40.00	0.00	0.00	40.000	0.000	40.0	124.8	6.50	5,316
B	002 B	Square	catwalk- top 40'	0.000	11.50	9.300	10.00	0.00	0.00	10.000	0.000	10.0	86.0	5.80	910
B	003	Square	catwalk	0.000	13.00	11.70	50.00	0.00	0.00	50.000	0.000	50.0	122.3	6.50	6,512
B	004 T	Square	catwalk	0.000	13.50	11.70	40.00	0.00	0.00	40.000	0.000	40.0	127.0	6.50	5,410
B	004 B	Square	catwalk -top 40'	0.000	11.70	9.300	10.00	0.00	0.00	10.000	0.000	10.0	87.5	5.80	926
B	005	Square	catwalk	0.000	13.00	11.50	50.00	0.00	0.00	50.000	0.000	50.0	120.2	6.50	6,401
B	006 T	Square	catwalk	0.000	13.50	11.50	40.00	0.00	0.00	40.000	0.000	40.0	124.8	6.50	5,316
B	006 B	Square	catwalk- top 40'	0.000	11.50	9.300	10.00	0.00	0.00	10.000	0.000	10.0	86.0	5.80	910
B	101	Peaked	top of sidewall	36.000	0.000	0.000	48.10	0.00	0.00	48.100	2.200	50.3	818.2	10.0	45,271

Bin count: 10

Facility: Luverne Section: B Total: **83,373**To Even: **84,000**

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Luverne Farmers Co-operative Elev Co  
 Box 156  
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 County:

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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: Luverne

### Section: D

	D	001	Peaked	top of sidewall	15.000	0.000	0.000	21.00	0.00	0.00	21.000	0.900	21.9	142.1	5.50	3,283
	D	002	Peaked	top of sidewall	15.000	0.000	0.000	21.00	0.00	0.00	21.000	0.900	21.9	142.1	5.50	3,283

Bin count: 2

Facility: Luverne Section: D Total: 6,566

To Even: 7,000

### Section: E

	E	001	Peaked	top of sidewall	42.000	0.000	0.000	22.20	0.00	0.00	22.200	2.500	24.7	1113.7	10.0	30,259
	E	002	Peaked	top of sidewall	42.000	0.000	0.000	22.20	0.00	0.00	22.200	2.500	24.7	1113.7	10.0	30,259
	E	003	Peaked	top of sidewall	42.000	0.000	0.000	22.20	0.00	0.00	22.200	2.500	24.7	1113.7	10.0	30,259
	E	004	Peaked	top of sidewall	42.000	0.000	0.000	25.90	0.00	0.00	25.900	2.500	28.4	1113.7	10.0	34,792
Added	E	101	Peaked	top of sidewall	16.000	0.000	0.000	20.00	2.35	0.00	22.350	1.000	23.4	161.6	5.80	4,000
Added	E	102	Peaked	top of sidewall	16.000	0.000	0.000	20.00	2.35	0.00	22.350	1.000	23.4	161.6	5.80	4,000
Added	E	103	Peaked	top of sidewall	16.000	0.000	0.000	20.00	2.35	0.00	22.350	1.000	23.4	161.6	5.80	4,000
Added	E	104	Peaked	top of sidewall	16.000	0.000	0.000	20.00	2.35	0.00	22.350	1.000	23.4	161.6	5.80	4,000
Added	E	105	Peaked	top of sidewall	16.000	0.000	0.000	20.00	2.35	0.00	22.350	1.000	23.4	161.6	5.80	4,000
Added	E	106	Peaked	top of sidewall	16.000	0.000	0.000	20.00	2.35	0.00	22.350	1.000	23.4	161.6	5.80	4,000

Bin count: 10

Facility: Luverne Section: E Total: 149,569

To Even: 150,000

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## NDPSC Bin Capacity Chart

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Box 156  
Luverne , ND  
County:

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: Luverne****Section: F**

F	SH1	Peaked	top of sidewall		15.500	0.000	0.000	17.00	2.50	0.00	19.500	0.900	20.4	151.7	5.50	3,265
F	SH2	Peaked	top of sidewall		15.500	0.000	0.000	15.00	2.50	0.00	17.500	0.900	18.4	151.7	5.50	2,945
F	SH3	Peaked	top of sidewall		14.600	0.000	0.000	17.00	2.50	0.00	19.500	0.900	20.4	134.6	5.50	2,897
F	SH5	Peaked	top of sidewall		14.600	0.000	0.000	17.00	2.50	0.00	19.500	0.900	20.4	134.6	5.50	2,897
F	SH6	Peaked	top of sidewall		16.000	0.000	0.000	15.00	2.50	0.00	17.500	1.000	18.5	161.6	5.80	3,163

Bin count: 5

Facility: Luverne Section: F Total: 15,167

To Even: 16,000

**Overall Licensed Bin Capacity for:**

Luverne Farmers Co-operative Elev Co

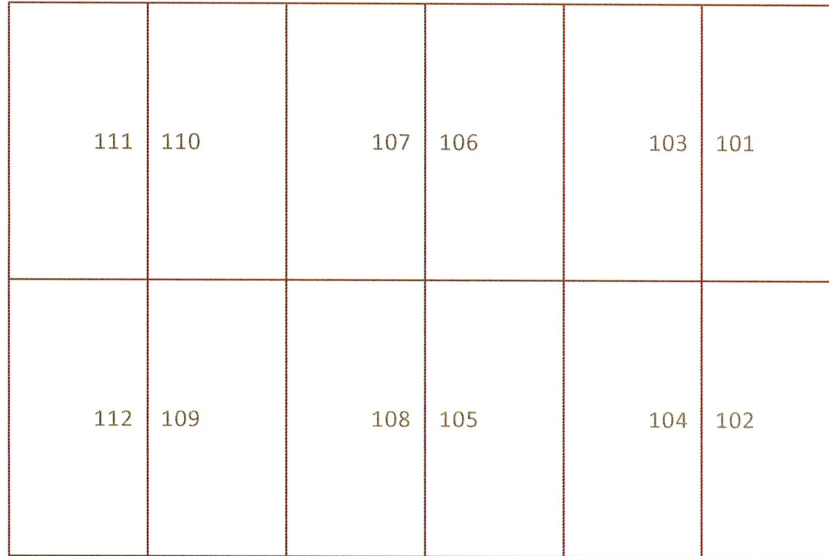
Bin count: 93

**Licensed Capacity:**  
(includes pack)521,211 Bu.**Licensed Capacity (to even):**  
(includes pack and section totals are  
rounded up to next highest 1000)524,000 Bu.

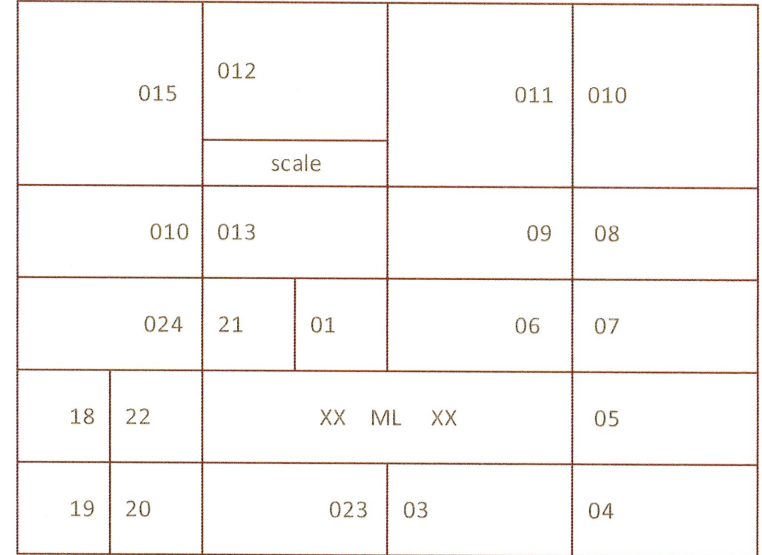
Luverne Farmers Co-Op  
 Elevator Co. Corp # 918  
 Luverne ND  
 Section A

BNSF Rail

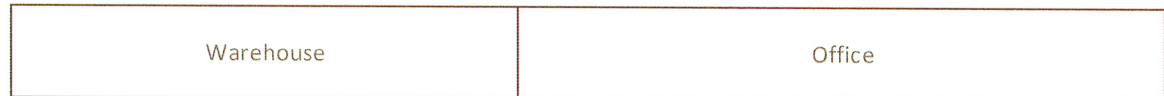
Section A annex 1



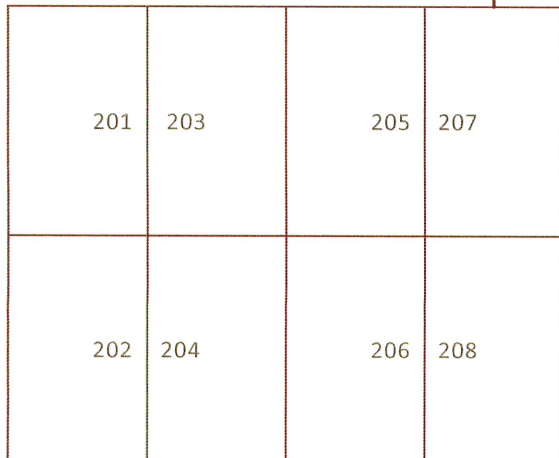
Section A main elevator



Driveway & scale

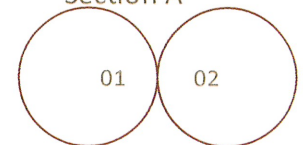


Section A annex 2

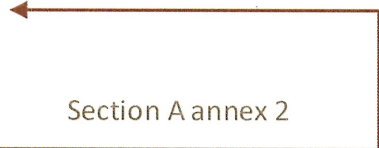


Section E&F- SE of Section A  
 across the street

Section D located SE of  
 Section A



Hopper tanks

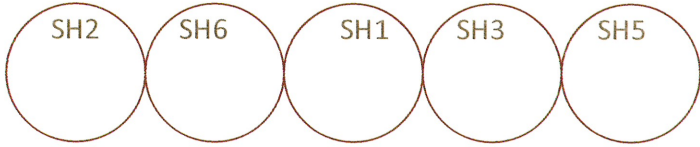


LUVERNE FARMERS CO-OP  
ELEVATOR CO. CORP # 918  
Luverne ND  
Section B-C-E-F

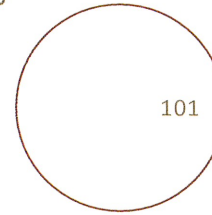
BNSF Rail

Section F

Located west of Section A



Section B



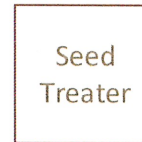
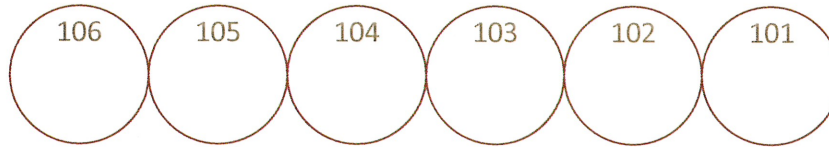
05	03	01
06	04	02

Driveway & pit

Section A ½ block West



Road



Section E

