

Exam Date: 03/03/2010

The Kensal Farmers' Elevator Co.

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Examiner: 1

PO Box 68  
Kensal, ND  
County:  
Phone: 701-435-2451  
CCC Number:

Location/Container Numbers/Comments	Section	Capacity
<b>PART A - ADDITIONAL SPACE TO BE INCLUDED UNDER LICENSE</b>		
115	B	89,797
	<b>Total:</b>	<b>89,797</b>
<b>PART B - SPACE TO BE DELETED UNDER LICENSE</b>		
00EXT1 B	J	89,431
00EXT1T	J	165,635
	<b>Total:</b>	<b>255,066</b>
<b>PART C - ALL SPACE TO BE INCLUDED UNDER LICENSE</b>		
	B	1,899,000
	G	17,000
	H	291,000
	I	13,000
	<b>Total:</b>	<b>2,220,000</b>
<b>PART D - TOTAL CAPACITY BY FUNCTIONAL UNIT</b>		
Bordulac 975	H I	304,000
Kensal 191	B G	1,916,000
	<b>Total:</b>	<b>2,220,000</b>

To: Licensing Division office

Dear Ms. Richter,

Please change the licensed capacity of The Kensal Farmers' Elevator Co. according to this statement of capacity provided by PSC staff member. Please add newly constructed Tank #115 Section B at Kensal and delete bunker EXT/Bottom and EXT1 Top section 5 at Kensal.

Thank you,

G.M.  
KENSAL FARMERS ELEV.

4 GE-09-559 Filed: 3/4/2010 Pages: 11  
Statement of Capacities (with and without bunker storage), Bin Charts, and Bin Diagrams

Public Service Commission

Exam Date:03/03/2010

The Kensal Farmers' Elevator Co.

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PO Box 68

Kensal , ND

County:

Phone: 701-435-2451

CCC Number:

Location/Container Numbers/Comments	Section	Capacity
<b>PART A - ADDITIONAL SPACE TO BE INCLUDED UNDER LICENSE</b>		
00EXT1 B	J	89,431
00EXT1T	J	165,635
115	B	89,797
	<b>Total:</b>	<b>344,863</b>
<b>PART B - SPACE TO BE DELETED UNDER LICENSE</b>		
<NO BINS DELETED>		
	<b>Total:</b>	<b>0</b>
<b>PART C - ALL SPACE TO BE INCLUDED UNDER LICENSE</b>		
	B	1,899,000
	G	17,000
	H	291,000
	I	13,000
	J	256,000
	<b>Total:</b>	<b>2,476,000</b>
<b>PART D - TOTAL CAPACITY BY FUNCTIONAL UNIT</b>		
Bordulac 975	H I	304,000
Kensal 191	B G J	2,172,000
	<b>Total:</b>	<b>2,476,000</b>

with bunker

Client ID: 133

### NDPSC Bin Capacity Chart

03/04/2010 10:04:37 AM

Exam Date:03/03/2010  
Examiner: 1

The Kensal Farmers' Elevator Co.  
PO Box 68  
Kensal, ND  
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	Depth for Obst.	Effective Depth	Add for Peak	Depth for Capac.	Bushels per Foot	Base Pack%	Bushel Capacity with Pack
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## Facility: Bordulac

### Section: H

H	001		Square	bin floor	0.000	8.100	8.100	51.00	0.00	0.00	51.000	0.000	51.0	52.7	4.50	2,809
H	002		Square	bin floor	0.000	8.100	8.100	51.00	0.00	0.00	51.000	0.000	51.0	52.7	4.50	2,809
H	003		Square	bin floor	0.000	8.100	8.100	51.00	0.00	0.00	51.000	0.000	51.0	52.7	4.50	2,809
H	010		Square	bin floor	0.000	8.100	8.100	51.00	0.00	0.00	51.000	0.000	51.0	52.7	4.50	2,809
H	101		Peaked	top of sidewall	42.000	0.000	0.000	67.00	0.00	0.00	67.000	2.500	69.5	1113.7	10.0	85,142
H	102		Peaked	top of sidewall	42.000	0.000	0.000	63.40	0.00	0.00	63.400	2.500	65.9	1113.7	10.0	80,732
H	103		Peaked	top of sidewall	39.000	0.000	0.000	63.40	0.00	0.00	63.400	2.300	65.7	960.3	10.0	69,401
H	104		Peaked	top of sidewall	30.000	0.000	0.000	69.70	0.00	0.00	69.700	1.800	71.5	568.2	9.00	44,282
Bin count:		8														
															Facility: Bordulac Section: H Total:	290,793
															To Even:	291,000

### Section: I

I	001		Peaked	top of sidewall	14.000	0.000	0.000	16.00	2.50	0.00	18.500	0.800	19.3	123.7	5.50	2,518
I	002		Peaked	top of sidewall	14.000	0.000	0.000	16.00	2.50	0.00	18.500	0.800	19.3	123.7	5.50	2,518
I	003		Peaked	top of sidewall	14.000	0.000	0.000	16.00	2.50	0.00	18.500	0.800	19.3	123.7	5.50	2,518
I	004		Peaked	top of sidewall	14.000	0.000	0.000	16.00	2.50	0.00	18.500	0.800	19.3	123.7	5.50	2,518
I	005		Peaked	top of sidewall	14.000	0.000	0.000	17.00	2.00	0.00	19.000	0.800	19.8	123.7	5.50	2,584
Bin count:		5														
															Facility: Bordulac Section: I Total:	12,656
															To Even:	13,000

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### NDPSC Bin Capacity Chart

03/04/2010 10:04:37 AM

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The Kensal Farmers' Elevator Co.  
PO Box 68  
Kensal, ND  
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: Kensal

### Section: B

B		001 T	Square	floor over bins	0.000	12.60	7.600	11.00	0.00	0.00	11.000	0.000	11.0	77.0		894
B		001 B	Square	floor over bins top 11'	0.000	12.20	7.200	40.00	0.00	0.00	40.000	0.000	40.0	70.6		2,971
B		002	Square	floor over bins	0.000	7.600	3.700	50.00	0.00	0.00	50.000	0.000	50.0	22.6		1,153
B		003 T	Square	floor over bins	0.000	11.60	7.400	16.00	0.00	0.00	16.000	0.000	16.0	69.0		1,161
B		003 B	Square	floor over bins top 16'	0.000	11.00	10.90	53.00	0.00	0.00	53.000	0.000	53.0	96.4		5,416
B		004	Square	floor over bins	0.000	6.000	5.600	51.00	0.00	0.00	51.000	0.000	51.0	27.0		1,411
B		005 T	Square	floor over bins	0.000	13.60	11.40	11.00	0.00	0.00	11.000	0.000	11.0	124.6		1,460
B		005 B	Square	floor over bins top 11'	0.000	13.30	11.00	57.00	0.00	0.00	57.000	0.000	57.0	117.6		7,119
B		007	Square	floor over bins	0.000	6.000	5.600	51.00	0.00	0.00	51.000	0.000	51.0	27.0		1,411
B		008 T	Square	floor over bins	0.000	13.60	12.60	11.00	0.00	0.00	11.000	0.000	11.0	137.7		1,613
B		008 B	Square	floor over bins top 11'	0.000	13.30	12.20	40.00	0.00	0.00	40.000	0.000	40.0	130.4		5,555
B		009 T	Square	floor over bins	0.000	12.60	5.600	11.00	0.00	0.00	11.000	0.000	11.0	56.7		654
B		009 B	Square	floor over bins top 11'	0.000	12.20	5.400	40.00	0.00	0.00	40.000	0.000	40.0	53.0		2,215
B		010	Square	floor over bins	0.000	13.60	8.000	46.00	0.00	0.00	46.000	0.000	46.0	87.5		4,258
B		011 T	Square	floor over bins	0.000	13.60	2.600	46.00	0.00	0.00	46.000	0.000	46.0	28.4		1,339
B		011 B	Square	floor over bins top 46'	0.000	13.30	11.00	22.00	0.00	0.00	22.000	0.000	22.0	117.6		2,747
B		012 T	Square	floor over bins	0.000	11.60	11.40	11.00	0.00	0.00	11.000	0.000	11.0	106.3		1,241
B		012 B	Square	floor over bins top 11'	0.000	11.00	10.90	59.00	0.00	0.00	59.000	0.000	59.0	96.4		6,029
B		013 T	Square	floor over bins	0.000	11.40	7.600	11.00	0.00	0.00	11.000	0.000	11.0	69.6		806
B		013 B	Square	floor over bins top 11'	0.000	11.00	7.200	40.00	0.00	0.00	40.000	0.000	40.0	63.7		2,675

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### NDPSC Bin Capacity Chart

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The Kensal Farmers' Elevator Co.  
PO Box 68  
Kensal, ND

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Examiner: 1

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: Kensal

### Section: B

B	016 T	Square	floor over bins	0.000	11.40	7.600	11.00	0.00	0.00	11.000	0.000	11.0	69.6	5.20	806
B	016 B	Square	floor over bins top 11'	0.000	11.00	7.200	40.00	0.00	0.00	40.000	0.000	40.0	63.7	5.00	2,675
B	017 T	Square	floor over bins	0.000	11.60	11.40	11.00	0.00	0.00	11.000	0.000	11.0	106.3	6.20	1,241
B	017 B	Square	floor over bins top 11'	0.000	11.00	10.90	59.00	0.00	0.00	59.000	0.000	59.0	96.4	6.00	6,029
B	018	Square	floor over bins	0.000	13.60	8.000	46.00	0.00	0.00	46.000	0.000	46.0	87.5	5.80	4,258
B	019 T	Square	floor over bins	0.000	13.60	2.600	46.00	0.00	0.00	46.000	0.000	46.0	28.4	2.50	1,339
B	019 M	Square	floor over bins top 46'	0.000	13.30	11.00	16.00	0.00	0.00	16.000	0.000	16.0	117.6	6.20	1,999
B	019B	Square	floor over bins top & middle	0.000	13.30	13.00	7.000	0.00	0.00	7.000	0.000	7.0	139.0	6.50	1,036
B	022 T	Square	floor over bins	0.000	13.60	12.60	11.00	0.00	0.00	11.000	0.000	11.0	137.7	6.50	1,613
B	022 M	Square	floor over bins top 11'	0.000	13.30	12.20	53.00	0.00	0.00	53.000	0.000	53.0	130.4	6.50	7,360
B	022B	Square	floor over bins - top & middle	0.000	13.30	6.300	7.000	0.00	0.00	7.000	0.000	7.0	67.4	5.20	497
B	023 T	Square	floor over bins	0.000	12.60	11.60	11.00	0.00	0.00	11.000	0.000	11.0	117.5	6.20	1,373
B	023 B	Square	floor over bins top 11'	0.000	12.20	10.90	40.00	0.00	0.00	40.000	0.000	40.0	106.9	6.20	4,541
B	024 T	Square	floor over bins	0.000	13.60	11.40	11.00	0.00	0.00	11.000	0.000	11.0	124.6	6.50	1,460
B	024 M	Square	floor over bins top 11'	0.000	13.30	11.00	51.00	0.00	0.00	51.000	0.000	51.0	117.6	6.20	6,370
B	024B	Square	floor over bins top & middle	0.000	13.30	13.00	7.000	0.00	0.00	7.000	0.000	7.0	139.0	6.50	1,036
B	025 T	Square	floor over bins	0.000	11.60	11.40	11.00	0.00	0.00	11.000	0.000	11.0	106.3	6.20	1,241
B	025 B	Square	floor over bins top 11'	0.000	11.00	10.90	59.00	0.00	0.00	59.000	0.000	59.0	96.4	6.00	6,029
B	026	Square	floor over bins	0.000	7.600	3.700	50.00	0.00	0.00	50.000	0.000	50.0	22.6	2.00	1,153
B	028 T	Square	floor over bins	0.000	12.60	7.600	11.00	0.00	0.00	11.000	0.000	11.0	77.0	5.50	894

Client ID: 133

### NDPSC Bin Capacity Chart

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The Kensal Farmers' Elevator Co.  
PO Box 68  
Kensal, ND  
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: Kensal

### Section: B

B	028	B	Square	floor over bins top 1'	0.000	12.20	7.200	40.00	0.00	0.00	40.000	0.000	40.0	70.6	5.20	2,971
B	101		Round	top of sidewall	38.000	0.000	0.000	52.90	0.00	0.00	52.900	0.000	52.9	911.7	10.0	53,052
B	102		Peaked	top of sidewall	39.000	0.000	0.000	64.10	0.00	0.00	64.100	2.300	66.4	960.3	10.0	70,140
B	103		Peaked	top of sidewall	42.000	0.000	0.000	64.10	0.00	0.00	64.100	2.500	66.6	1113.7	10.0	81,589
B	104		Peaked	top of sidewall	42.000	0.000	0.000	64.80	0.00	0.00	64.800	2.500	67.3	1113.7	10.0	82,447
B	105		Peaked	top of sidewall	42.000	0.000	0.000	64.80	0.00	0.00	64.800	2.500	67.3	1113.7	10.0	82,447
B	106		Peaked	check sidewall depth 64.8	42.000	0.000	0.000	64.10	0.00	0.00	64.100	2.500	66.6	1113.7	10.0	81,589
B	107		Peaked	top of sidewall	42.000	0.000	0.000	64.10	0.00	0.00	64.100	2.500	66.6	1113.7	10.0	81,589
B	108		Peaked	top of sidewall	89.600	0.000	0.000	69.40	0.00	0.00	69.400	6.300	75.7	5068.6	10.0	422,062
B	109		Peaked	top of sidewall	78.000	0.000	0.000	66.00	0.00	0.00	66.000	5.500	71.5	3841.1	10.0	302,103
B	110		Peaked	top of sidewall	47.900	0.000	0.000	75.60	0.00	0.00	75.600	2.900	78.5	1448.6	10.0	125,087
B	111		Peaked	top of sidewall	47.900	0.000	0.000	75.60	0.00	0.00	75.600	2.900	78.5	1448.6	10.0	125,087
B	112		Peaked	top of sidewall	18.000	0.000	0.000	53.30	2.50	0.00	55.800	1.100	56.9	204.6	6.00	12,341
B	113		Peaked	top of sidewall	42.000	0.000	0.000	69.70	0.00	0.00	69.700	2.500	72.2	1113.7	10.0	88,450
B	114		Peaked	top of sidewall	42.000	0.000	0.000	73.30	0.00	0.00	73.300	2.500	75.8	1113.7	10.0	92,860
Added	B	115	Peaked	top of sidewall	42.000	0.000	0.000	70.80	0.00	0.00	70.800	2.500	73.3	1113.7	10.0	89,797

Bin count: 56

Facility: Kensal Section: B Total: 1,898,689

To Even: 1,899,000

Client ID: 133

### NDPSC Bin Capacity Chart

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The Kensal Farmers' Elevator Co.  
PO Box 68  
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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: Kensal

### Section: G

G	006		Peaked	top of sidewall - 6' hppr	13.500	0.000	0.000	17.50	2.00	0.00	19.500	0.800	20.3	115.1	5.20	2,459
G	007		Peaked	top of sidewall - 6' hppr	16.000	0.000	0.000	15.00	2.50	0.00	17.500	1.000	18.5	161.6	5.80	3,163
G	008		Peaked	top of sidewall - 6' hppr	16.000	0.000	0.000	15.00	2.50	0.00	17.500	1.000	18.5	161.6	5.80	3,163
G	009		Peaked	top of sidewall - 6' hppr	13.500	0.000	0.000	17.00	2.00	0.00	19.000	0.800	19.8	115.1	5.20	2,398
G	010		Peaked	top of sidewall - 6' hppr	13.500	0.000	0.000	17.00	2.00	0.00	19.000	0.800	19.8	115.1	5.20	2,398
G	011		Peaked	top of sidewall - 6' hppr	15.500	0.000	0.000	15.00	2.00	0.00	17.000	0.900	17.9	151.7	5.50	2,864
<b>Bin count: 6</b>															<b>Facility: Kensal Section: G Total:</b>	<b>16,445</b>
															To Even:	<b>17,000</b>

### Section: J

Added	J	00EXT1 B	Round	top of sidewall	146.50	0.000	0.000	6.000	0.00	0.00	6.000	0.000	6.0	13550.2	10.0	89,431
Added	J	00EXT1T	Peaked	peak ht of 30'	150.00	0.000	0.000	0.100	0.00	0.00	0.100	10.50	10.6	14205.4	10.0	165,635
<b>Bin count: 2</b>															<b>Facility: Kensal Section: J Total:</b>	<b>255,066</b>
															To Even:	<b>256,000</b>

**Overall Licensed Bin Capacity for:**

The Kensal Farmers' Elevator Co.

Bin count: 77

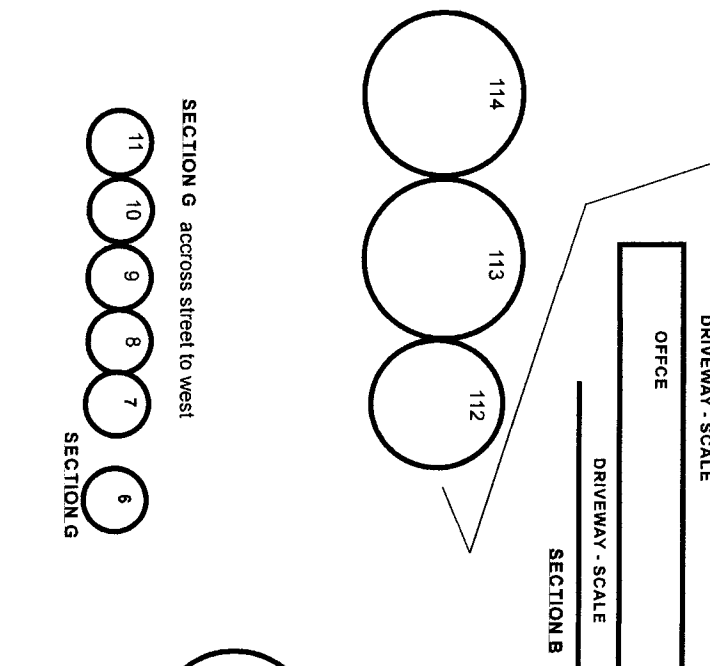
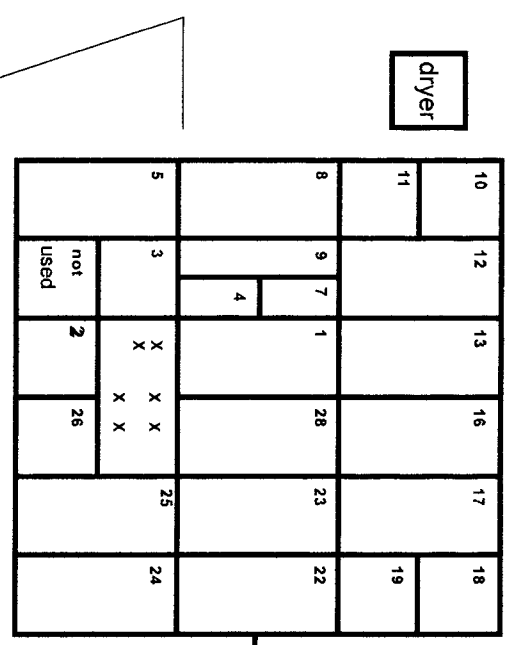
**Licensed Capacity:** 2,473,649 Bu.  
(includes pack)

**Licensed Capacity (to even):** 2,476,000 Bu.  
(includes pack and section totals are rounded up to next highest 1000)

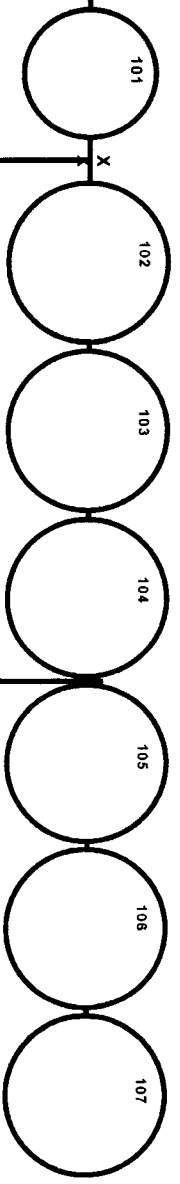
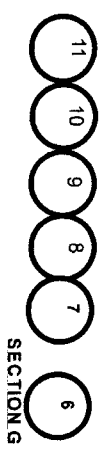
THE KENSAL FARMERS ELEVATOR CO.

KENSAL ND  
SECTION B  
lay-out at KENSAL

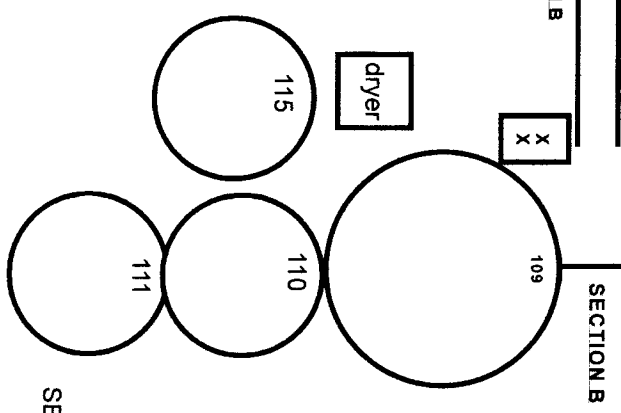
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SECTION G accross street to west



ZERO POINT:  
SECTION B: ELEVATOR: FLOOR OVER BINS  
TANKS: TOP OF SIDE WALL  
SECTION G: TANKS: TOP OF SIDE WALL



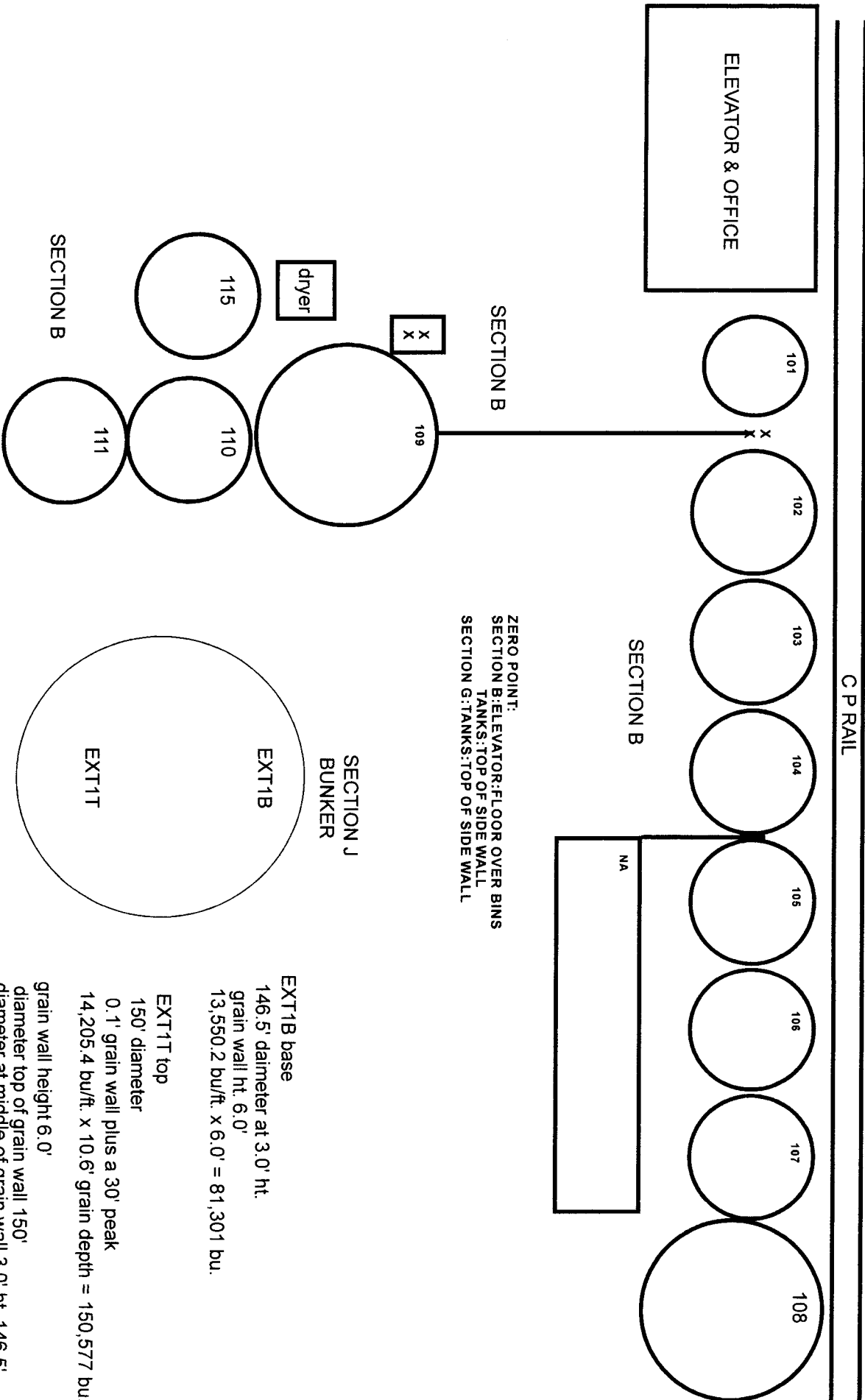
EXT1B base  
146.5' diameter at 3.0' ht.  
grain wall ht. 6.0'  
13,550.2 bu/ft. x 6.0' = 81,301 bu.

EXT1T top  
150' diameter  
0.1' grain wall plus a 30' peak  
14,205.4 bu/ft. x 10.6' grain depth = 150,577 bu.

SECTION H & I AT BORDULAC

grain wall height 6.0'  
diameter top of grain wall 150'  
diameter at middle of grain wall 3.0' ht. 146.5'  
diameter at ground- grain wall base 143'

THE KENSAL FARMERS ELEVATOR CO.  
 KENSAL ND  
 SECTION B



ZERO POINT:  
 SECTION B: ELEVATOR: FLOOR OVER BINS  
 TANKS: TOP OF SIDE WALL  
 SECTION G: TANKS: TOP OF SIDE WALL

SECTION J  
 BUNKER

EXT1B base  
 146.5' diameter at 3.0' ht.  
 grain wall ht. 6.0'  
 13,550.2 bu/ft. x 6.0' = 81,301 bu.

EXT1T top  
 150' diameter  
 0.1' grain wall plus a 30' peak  
 14,205.4 bu/ft. x 10.6' grain depth = 150,577 bu.  
 grain wall height 6.0'  
 diameter top of grain wall 150'  
 diameter at middle of grain wall 3.0' ht. 146.5'  
 diameter at ground- grain wall base 143'

THE KENSAL FARMERS ELEVATOR CO.  
 KENSAL ND  
 SECTION B

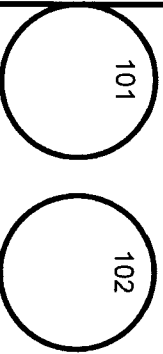
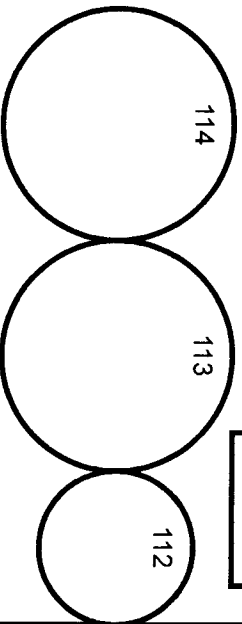
C.P. RAIL  
 SECTION B

010	012	013	016	017	018
011	09	001	028	023	019
008	07		022		
	04				
005	003	XX X X XX X X	025	024	
	not used	002	026		

driveway & scale  
 office

driveway & scale

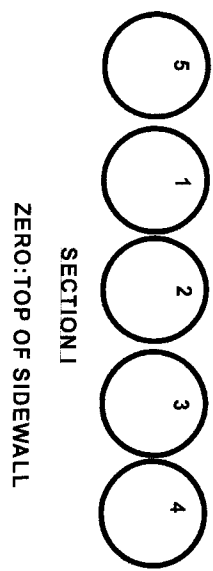
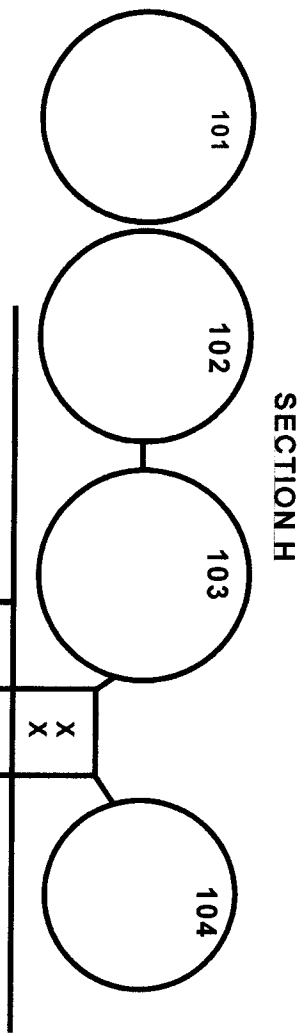
dryer



continued on  
 page 3

THE KENSAL FARMERS ELEVATOR CO.  
 KENSAL ND  
 SECTION H & I  
 BORDULAC LOCATION

\*\*\*\*\*CP RAIL\*\*\*\*\*



SECTION H  
 ZERO: TOP OF SIDEWALL

ZERO: TOP OF SIDEWALL