

Exam Date:09/15/2008

North Central Grain Cooperative

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Examiner: 1

PO Box 8

Bisbee , ND

County:

Phone: 701-656-3263

CCC Number:

Location/Container Numbers/Comments	Section	Capacity
<b>PART A - ADDITIONAL SPACE TO BE INCLUDED UNDER LICENSE</b>		
101	Y	54,743
102	Y } <i>New Construction</i>	54,743
103	Y	54,743
104	Y	54,743
105	Y	54,743
106	Y	54,743
107	Y	4,787
108	Y	4,787
ground	X <i>ground Bisbee 329,000 bu</i>	328,940
ground	X-1 <i>ground Rock Lake 100,000 bu</i>	99,477
<b>Total:</b>		<b>766,449</b>

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

	<i>Agate location - deleted</i>	
001 T	B	723
001 B	B	1,092
002	B	444
003	B	658
004	B	658
005	B	854
006 T	B	3,857
006 B	B	2,282
007	B	1,938
008	B	3,423
009	B	3,292
011 T	B	205
011 B	B	1,491
013 T	B	3,134
013 B	B	2,282
014	B	3,134
015	B	1,823
017	B	3,481
018	B	1,938
020	B	3,134
021 T	B	3,134
021 B	B	2,282
022 T	B	426
022 B	B	2,106
023	B	3,423
026	B	1,938
027 T	B	426
027 M	B	2,286
027B	B	2,282

Location/Container Numbers/Comments	Section	Capacity
028	B	854
029	B	684
030	B	769
031	B	1,391
100	B	16,171
001	C	49,984
002	C	9,699
003	C	49,984
004	C	5,310
005	C	5,310
<b>Total:</b>		<b>198,302</b>

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

D	260,000	
E	165,000	
G	32,000	
H	32,000	
I	33,000	
K	44,000	
M	140,000	
Q	102,000	
W	109,000	
X	329,000	
X-1	100,000	
Y	2,106,000	
Z	33,000	
<b>Total:</b>		<b>3,485,000</b>

## PART D - TOTAL CAPACITY BY FUNCTIONAL UNIT

Bisbee 630	W X Y Z	2,577,000
Perth 628	Q	102,000
Rock Lake 25	D E G H I K X-1	666,000
Rolette 568	M	140,000
<b>Total:</b>		<b>3,485,000</b>

current Bond \$ 855,000 maximum capacity 3,525,000 bu.  
40,000 bushels of Extra capacity

Exam Date:09/15/2008

North Central Grain Cooperative

PO Box 8

Bisbee, ND

County:

Examiner: 1

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: Bisbee**

**Section: W**

W	000		Square	work floor	0.000	4.500	3.000	53.00	0.00	0.00	53.000	0.000	53.0	10.9	2.00	590
W	002 T		Square	work floor	0.000	10.00	5.300	53.00	0.00	0.00	53.000	0.000	53.0	42.6	3.50	2,337
W	002 B		Square	work floor -top 53'	0.000	10.00	11.00	15.00	0.00	0.00	15.000	0.000	15.0	88.4	5.80	1,403
W	003		Square	work floor	0.000	9.100	11.00	68.00	0.00	0.00	68.000	0.000	68.0	80.5	5.50	5,775
W	004		Square	work floor	0.000	10.00	5.300	52.00	0.00	0.00	52.000	0.000	52.0	42.6	3.50	2,293
W	006		Square	work floor	0.000	11.00	9.100	68.00	0.00	0.00	68.000	0.000	68.0	80.5	5.50	5,775
W	007		Square	work floor	0.000	4.500	3.000	53.00	0.00	0.00	53.000	0.000	53.0	10.9	2.00	590
W	008		Square	work floor	0.000	9.100	6.500	53.00	0.00	0.00	53.000	0.000	53.0	47.5	4.00	2,619
W	009		Square	work floor	0.000	4.500	3.000	53.00	0.00	0.00	53.000	0.000	53.0	10.9	2.00	590
W	010		Square	work floor	0.000	9.100	6.500	53.00	0.00	0.00	53.000	0.000	53.0	47.5	4.00	2,619
W	011		Square	work floor	0.000	4.900	6.500	53.00	0.00	0.00	53.000	0.000	53.0	25.6	2.50	1,391
W	012		Square	work floor	0.000	4.900	6.500	53.00	0.00	0.00	53.000	0.000	53.0	25.6	2.50	1,391
W	013		Square	work floor	0.000	4.900	6.500	53.00	0.00	0.00	53.000	0.000	53.0	25.6	2.50	1,391
W	015		Square	work floor	0.000	4.500	3.000	53.00	0.00	0.00	53.000	0.000	53.0	10.9	2.00	590
W	016		Square	work floor	0.000	10.00	5.300	53.00	0.00	0.00	53.000	0.000	53.0	42.6	3.50	2,337
W	017		Square	work floor	0.000	11.00	9.100	68.00	0.00	0.00	68.000	0.000	68.0	80.5	5.50	5,775
W	018		Square	work floor	0.000	11.00	9.100	68.00	0.00	0.00	68.000	0.000	68.0	80.5	5.50	5,775
W	019		Square	work floor	0.000	10.00	5.300	53.00	0.00	0.00	53.000	0.000	53.0	42.6	3.50	2,337
W	020		Square	work floor	0.000	4.900	6.500	53.00	0.00	0.00	53.000	0.000	53.0	25.6	2.50	1,391
W	201		Peaked	top of sidewall	26.900	0.000	0.000	39.60	0.00	0.00	39.600	1.600	41.2	456.9	8.50	20,424
W	202		Peaked	top of sidewall	26.900	0.000	0.000	39.60	0.00	0.00	39.600	1.600	41.2	456.9	8.50	20,424

Exam Date: 09/15/2008  
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North Central Grain Cooperative  
 PO Box 8  
 Bisbee, 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: Bisbee**

**Section: W**

W	203	Peaked	top of sidewall	26.900	0.000	0.000	39.60	0.00	0.00	39.600	1.600	41.2	456.9	8.50	20,424
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Bin count: 22

Facility: Bisbee Section: W Total: 108,241

To Even: 109,000

**Section: X**

Added	X	ground	Temporary ground	12.000	300.0	100.0	7.100	0.00	0.00	7.100	5.300	12.4	24115.8	10.0	328,940
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Bin count: 1

Facility: Bisbee Section: X Total: 328,940

To Even: 329,000

**Section: Y**

Y	001	Round	top of slab	30.000	0.000	0.000	125.8	0.00	0.00	125.80	0.000	125.8	568.2	9.00	77,913
Y	002	Round	top of slab	30.000	0.000	0.000	125.8	0.00	0.00	125.80	0.000	125.8	568.2	9.00	77,913
Y	003	Round	top of slab	30.000	0.000	0.000	124.0	0.00	0.00	124.00	0.000	124.0	568.2	9.00	76,798
Y	004	Round	top of slab	30.000	0.000	0.000	120.5	0.00	0.00	120.50	0.000	120.5	568.2	9.00	74,630
Y	005	Irregular	top of slab-interstice	61.000	0.000	0.000	92.00	0.00	0.00	92.000	0.000	92.0	61.0	4.80	5,881
Y	006	Irregular	top of slab-interstice	61.000	0.000	0.000	92.00	0.00	0.00	92.000	0.000	92.0	61.0	4.80	5,881
Y	007	Irregular	top of slab-interstice	56.700	0.000	0.000	99.00	0.00	0.00	99.000	0.000	99.0	56.7	4.80	5,882
Y	008	Irregular	top of slab-interstice	56.700	0.000	0.000	99.00	0.00	0.00	99.000	0.000	99.0	56.7	4.80	5,882
Y	009	Irregular	top of slab-interstice	59.600	0.000	0.000	99.00	0.00	0.00	99.000	0.000	99.0	59.6	4.80	6,183
Y	010	Irregular	top of slab-interstice	59.600	0.000	0.000	99.00	0.00	0.00	99.000	0.000	99.0	59.6	4.80	6,183

Exam Date: 09/15/2008  
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North Central Grain Cooperative  
 PO Box 8  
 Bisbee, ND  
 County:

Status	Section	Bin Number	Bin Type	Base Point	Diameter or Bu/Ft (Ireg).	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

**Facility: Bisbee**

**Section: Y**

Y	011	Irrregular	top of slab-interstice	69.700	0.000	0.000	99.00	0.00	0.00	99.000	0.000	99.0	69.7	5.20	7,259
Y	012	Irrregular	top of slab-interstice	68.700	0.000	0.000	99.00	0.00	0.00	99.000	0.000	99.0	68.7	5.20	7,155
Y	013	Irrregular	top of slab-interstice	68.700	0.000	0.000	99.00	0.00	0.00	99.000	0.000	99.0	68.7	5.20	7,155
Y	014	Irrregular	top of slab-interstice	69.700	0.000	0.000	99.00	0.00	0.00	99.000	0.000	99.0	69.7	5.20	7,259
Y	015	Irrregular	top of slab-interstice	94.500	0.000	0.000	44.00	0.00	0.00	44.000	0.000	44.0	94.5	6.00	4,407
Y	016	Irrregular	top of slab-interstice	94.500	0.000	0.000	44.00	0.00	0.00	44.000	0.000	44.0	94.5	6.00	4,407
Y	017	Irrregular	top of slab-interstice	74.500	0.000	0.000	46.00	0.00	0.00	46.000	0.000	46.0	74.5	5.50	3,615
Y	025	Round	top of slab	30.100	0.000	0.000	125.0	0.00	0.00	125.00	0.000	125.0	572.0	9.00	77,935
Y	026	Round	top of slab	30.100	0.000	0.000	125.0	0.00	0.00	125.00	0.000	125.0	572.0	9.00	77,935
Y	027	Round	top of slab	30.100	0.000	0.000	125.0	0.00	0.00	125.00	0.000	125.0	572.0	9.00	77,935
Y	028	Round	top of slab	30.100	0.000	0.000	125.0	0.00	0.00	125.00	0.000	125.0	572.0	9.00	77,935
Y	029	Round	top of slab	30.100	0.000	0.000	125.0	0.00	0.00	125.00	0.000	125.0	572.0	9.00	77,935
Y	030	Round	top of slab	30.100	0.000	0.000	125.0	0.00	0.00	125.00	0.000	125.0	572.0	9.00	77,935
Y	031	Round	top of slab	30.100	0.000	0.000	125.0	0.00	0.00	125.00	0.000	125.0	572.0	9.00	77,935
Y	032	Round	top of slab	30.100	0.000	0.000	125.0	0.00	0.00	125.00	0.000	125.0	572.0	9.00	77,935
Y	033	Irrregular	top of slab-interstice	144.30	0.000	0.000	126.0	0.00	0.00	126.00	0.000	126.0	144.3	6.80	19,418
Y	034	Irrregular	top of slab-interstice	144.30	0.000	0.000	126.0	0.00	0.00	126.00	0.000	126.0	144.3	6.80	19,418
Y	035	Irrregular	top of slab-interstice	144.30	0.000	0.000	126.0	0.00	0.00	126.00	0.000	126.0	144.3	6.80	19,418
Y	036	Round	top of slab	30.000	0.000	0.000	128.7	0.00	0.00	128.70	0.000	128.7	568.2	9.00	79,708
Y	037	Round	top of slab	30.000	0.000	0.000	128.7	0.00	0.00	128.70	0.000	128.7	568.2	9.00	79,708
Y	038	Round	top of slab	30.000	0.000	0.000	128.7	0.00	0.00	128.70	0.000	128.7	568.2	9.00	79,708

Client ID: 196

### NDPSC Bin Capacity Chart

10/14/2008 10:07:53 AM

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Examiner: 1

North Central Grain Cooperative  
PO Box 8  
Bisbee, 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: Bisbee

### Section: Y

Y	039	Round	top of slab		30.000	0.000	0.000	128.7	0.00	0.00	128.70	0.000	128.7	568.2	9.00	79,708
Y	040	Round	top of slab		30.000	0.000	0.000	128.7	0.00	0.00	128.70	0.000	128.7	568.2	9.00	79,708
Y	041	Round	top of slab		30.000	0.000	0.000	128.7	0.00	0.00	128.70	0.000	128.7	568.2	9.00	79,708
Y	042	Round	top of slab		30.000	0.000	0.000	128.7	0.00	0.00	128.70	0.000	128.7	568.2	9.00	79,708
Y	043	Round	top of slab		30.000	0.000	0.000	128.7	0.00	0.00	128.70	0.000	128.7	568.2	9.00	79,708
Y	044	Irregular	top of slab-interstice		52.700	0.000	0.000	128.0	0.00	0.00	128.00	0.000	128.0	52.7	4.50	7,050
Y	045	Irregular	top of slab-interstice		138.40	0.000	0.000	127.0	0.00	0.00	127.00	0.000	127.0	138.4	6.50	18,720
Y	046	Irregular	top of slab-interstice		138.40	0.000	0.000	127.0	0.00	0.00	127.00	0.000	127.0	138.4	6.50	18,720
Y	047	Irregular	top of slab-interstice		138.40	0.000	0.000	127.0	0.00	0.00	127.00	0.000	127.0	138.4	6.50	18,720
Added	Y	101	Peaked	top of sidewall at eave	47.800	0.000	0.000	31.60	0.00	0.00	31.600	2.900	34.5	1442.5	10.0	54,743
Added	Y	102	Peaked	top of sidewall at eave	47.800	0.000	0.000	31.60	0.00	0.00	31.600	2.900	34.5	1442.5	10.0	54,743
Added	Y	103	Peaked	top of sidewall at eave	47.800	0.000	0.000	31.60	0.00	0.00	31.600	2.900	34.5	1442.5	10.0	54,743
Added	Y	104	Peaked	top of sidewall at eave	47.800	0.000	0.000	31.60	0.00	0.00	31.600	2.900	34.5	1442.5	10.0	54,743
Added	Y	105	Peaked	top of sidewall at eave	47.800	0.000	0.000	31.60	0.00	0.00	31.600	2.900	34.5	1442.5	10.0	54,743
Added	Y	106	Peaked	top of sidewall at eave	47.800	0.000	0.000	31.60	0.00	0.00	31.600	2.900	34.5	1442.5	10.0	54,743
Added	Y	107	Peaked	top of sidewall at eave	16.000	0.000	0.000	25.00	2.00	0.00	27.000	1.000	28.0	161.6	5.80	4,787
Added	Y	108	Peaked	top of sidewall at eave	16.000	0.000	0.000	25.00	2.00	0.00	27.000	1.000	28.0	161.6	5.80	4,787

Bin count: 48

Facility: Bisbee Section: Y Total: 2,105,043

To Even: 2,106,000

Exam Date: 09/15/2008  
 Examiner: 1

North Central Grain Cooperative  
 PO Box 8  
 Bisbee, 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: Bisbee**

**Section: Z**

Z	001	Peaked	top of sidewall		16.000	0.000	0.000	22.90	0.00	0.00	22.900	1.000	23.9	161.6	5.80	4,086
Z	002	Peaked	top of sidewall		16.000	0.000	0.000	22.90	0.00	0.00	22.900	1.000	23.9	161.6	5.80	4,086
Z	003	Peaked	top of sidewall		16.000	0.000	0.000	22.90	0.00	0.00	22.900	1.000	23.9	161.6	5.80	4,086
Z	004	Peaked	top of sidewall		16.000	0.000	0.000	22.90	0.00	0.00	22.900	1.000	23.9	161.6	5.80	4,086
Z	005	Peaked	top sdewall - door 5' above		15.500	0.000	0.000	22.50	2.30	0.00	24.800	0.900	25.7	151.7	5.50	4,113
Z	006	Peaked	top sdewall - door 5' above		15.500	0.000	0.000	22.50	2.30	0.00	24.800	0.900	25.7	151.7	5.50	4,113
Z	007	Peaked	top sdewall - door 5' above		15.500	0.000	0.000	22.50	2.30	0.00	24.800	0.900	25.7	151.7	5.50	4,113
Z	008	Peaked	top sdewall - door 5' above		15.500	0.000	0.000	22.50	2.30	0.00	24.800	0.900	25.7	151.7	5.50	4,113

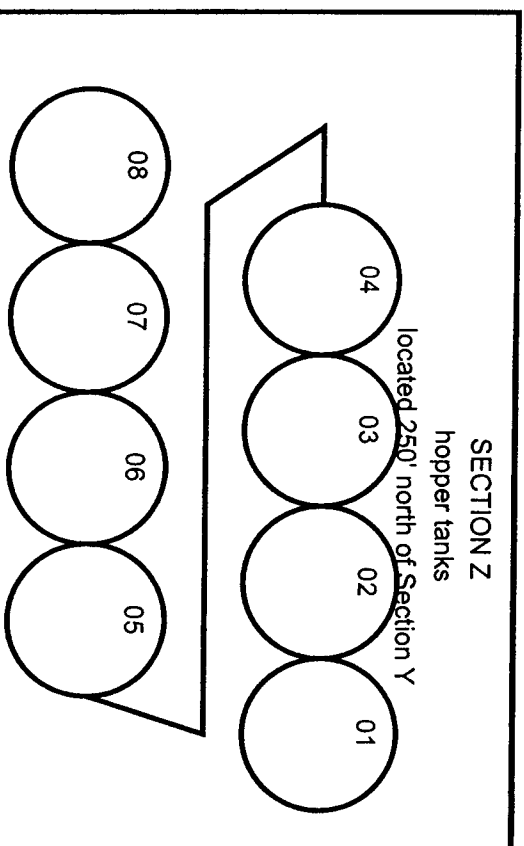
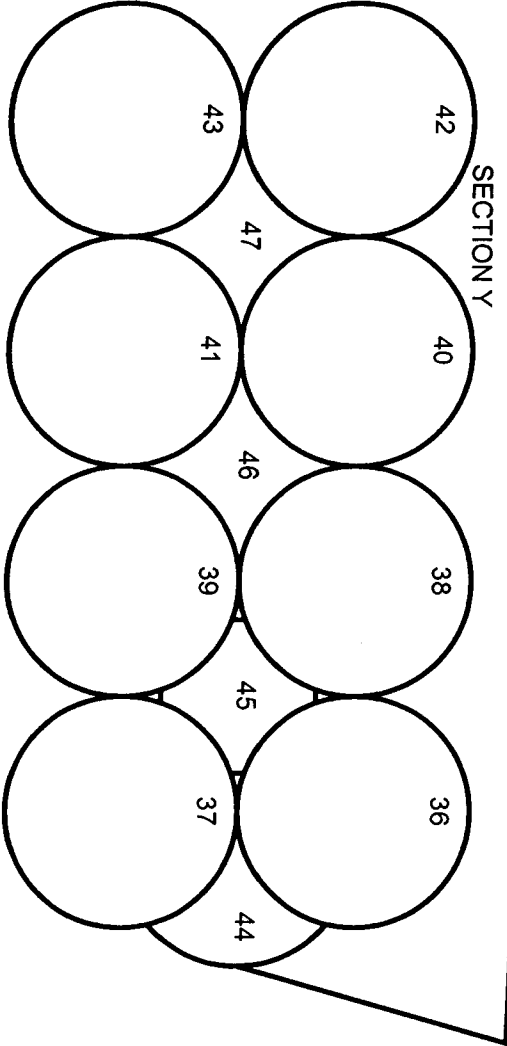
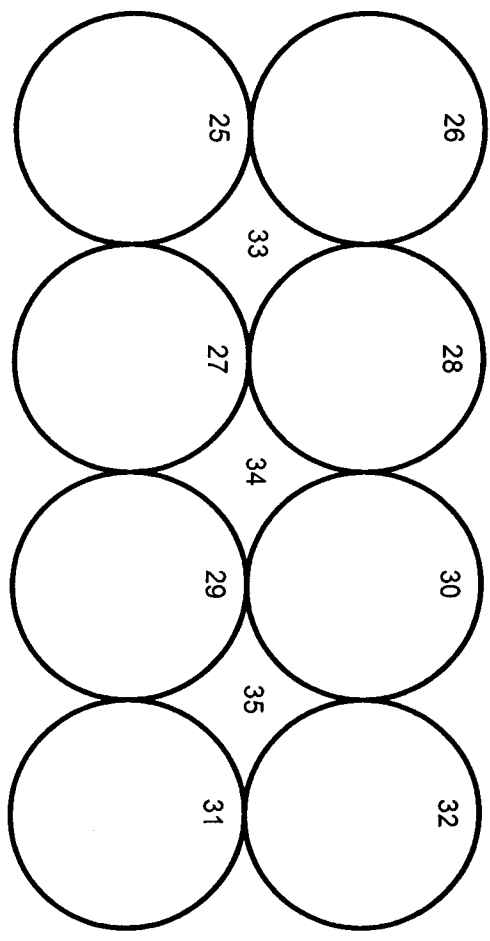
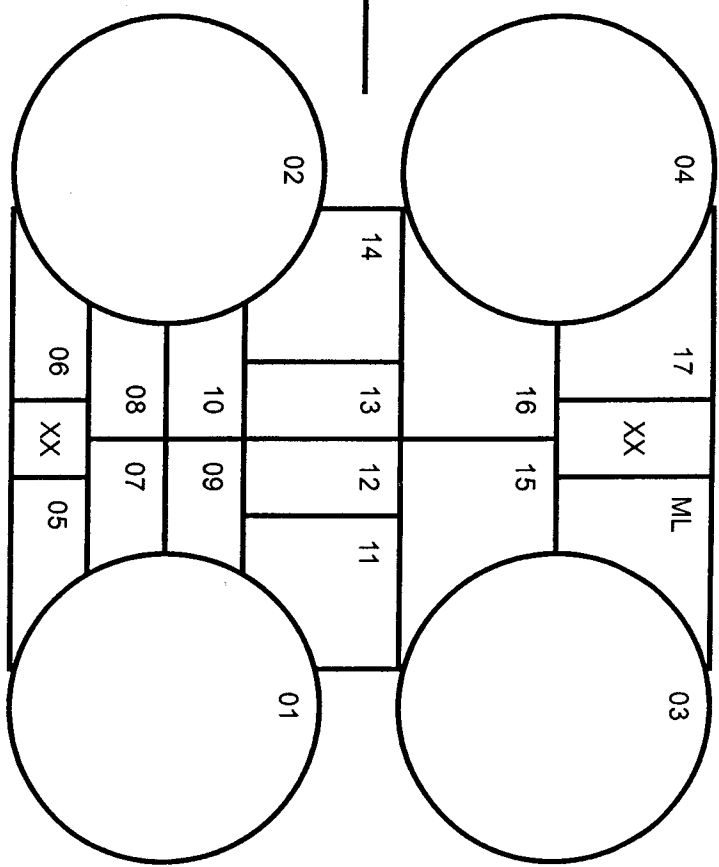
Bin count: 8

Facility: Bisbee Section: Z Total: **32,796**

To Even: **33,000**

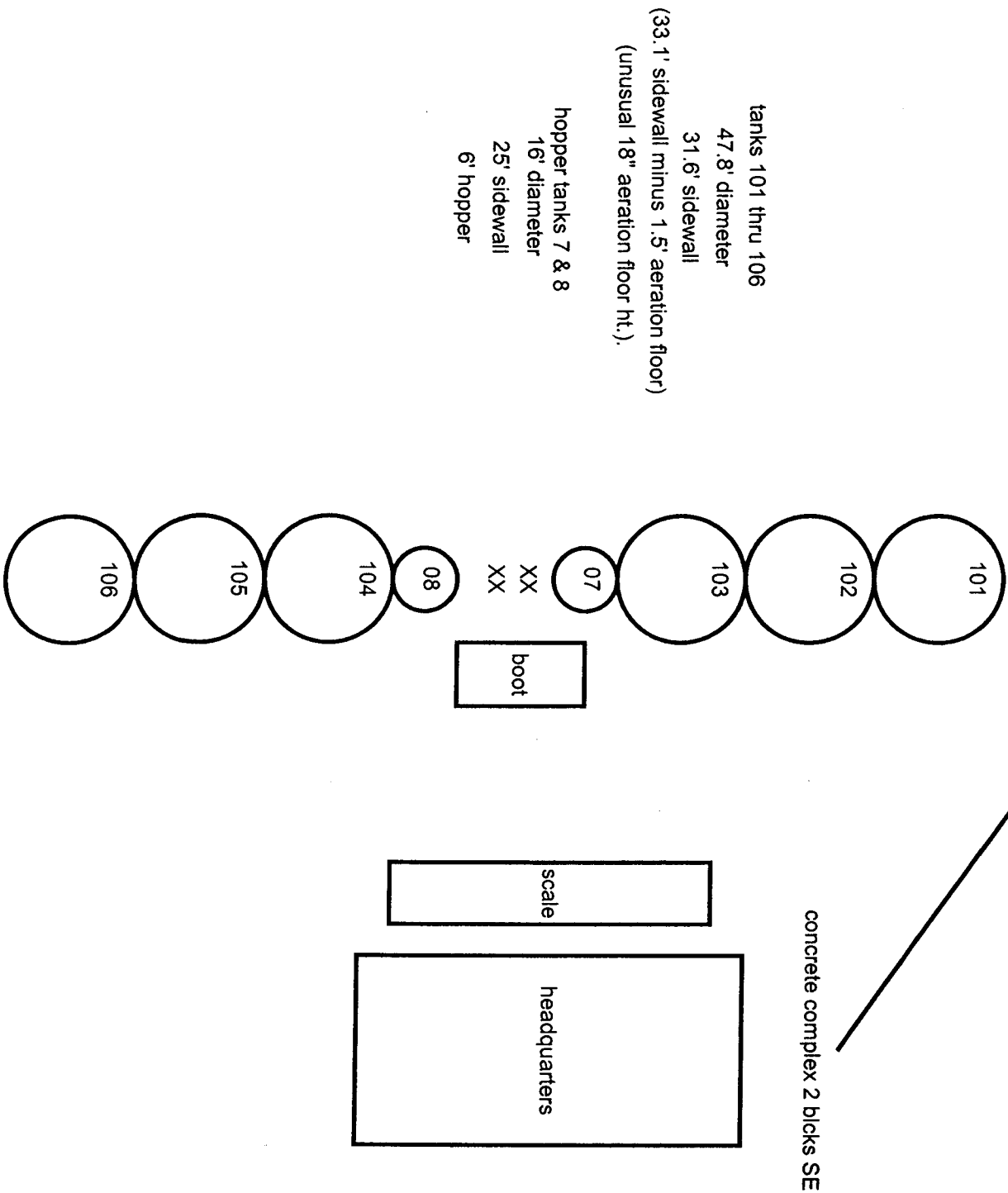


NORTH CENTRAL GRAIN COOPERATIVE  
BISBEE ND  
SECTION Y& Z



NORTH CENTRAL GRAIN COOPERATIVE  
BISBEE ND

Section Y  
new construction east of office



Exam Date:09/15/2008  
 Examiner: 1

North Central Grain Cooperative  
 PO Box 8  
 Bisbee, 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: Perth**

**Section: Q**

Q	003 T	Square	work floor		0.000	11.30	13.70	53.00	0.00	0.00	53.000	0.000	53.0	124.4	6.50	7,022
Q	003 B	Square	work floor - top 53'		0.000	10.60	18.50	18.00	0.00	0.00	18.000	0.000	18.0	157.6	7.00	3,036
Q	004 T	Square	work floor		0.000	13.70	4.200	29.00	0.00	0.00	29.000	0.000	29.0	46.3	4.00	1,397
Q	004 M	Square	work floor - top 29'		0.000	11.40	13.70	24.00	0.00	0.00	24.000	0.000	24.0	125.5	6.50	3,208
Q	004B	Square	work floor -top & middle 53'		0.000	10.60	18.50	18.00	0.00	0.00	18.000	0.000	18.0	157.6	7.00	3,036
Q	005	Square	work floor		0.000	13.20	12.10	62.00	0.00	0.00	62.000	0.000	62.0	128.4	6.50	8,478
Q	007	Square	work floor		0.000	13.70	12.10	52.00	0.00	0.00	52.000	0.000	52.0	133.3	6.50	7,383
Q	008	Square	work floor		0.000	3.800	7.400	54.00	0.00	0.00	54.000	0.000	54.0	22.6	2.00	1,244
Q	009 T	Square	work floor		0.000	13.20	11.30	62.00	0.00	0.00	62.000	0.000	62.0	119.9	6.20	7,895
Q	009 B	Square	work floor -top 62'		0.000	14.80	13.20	7.000	0.00	0.00	7.000	0.000	7.0	157.0	6.80	1,174
Q	010 T	Square	work floor		0.000	11.40	13.20	62.00	0.00	0.00	62.000	0.000	62.0	121.0	6.50	7,990
Q	010 B	Square	work floor -top 62'		0.000	14.70	13.20	7.000	0.00	0.00	7.000	0.000	7.0	156.0	6.80	1,166
Q	012	Square	work floor		0.000	13.70	6.600	29.00	0.00	0.00	29.000	0.000	29.0	72.7	5.20	2,218
Q	013 T	Square	work floor		0.000	11.30	11.20	62.00	0.00	0.00	62.000	0.000	62.0	101.7	6.00	6,683
Q	013 B	Square	work floor - top 62'		0.000	14.80	10.70	10.00	0.00	0.00	10.000	0.000	10.0	127.3	6.50	1,356
Q	014	Square	work floor		0.000	7.200	3.800	54.00	0.00	0.00	54.000	0.000	54.0	22.0	2.00	1,212
Q	015 T	Irregular	work floor 11.3x7.2 less		30.100	0.000	0.000	13.00	0.00	0.00	13.000	0.000	13.0	30.1	2.50	401
Q	015 B	Square	work floor -top 13'		0.000	11.30	7.200	39.00	0.00	0.00	39.000	0.000	39.0	65.4	5.00	2,679
Q	016	Square	work floor		0.000	11.40	4.200	53.00	0.00	0.00	53.000	0.000	53.0	38.5	3.00	2,102
Q	017	Square	work floor		0.000	12.10	11.20	62.00	0.00	0.00	62.000	0.000	62.0	108.9	6.20	7,171
Q	018 T	Square	work floor		0.000	11.40	11.20	62.00	0.00	0.00	62.000	0.000	62.0	102.6	6.00	6,743

Exam Date: 09/15/2008  
 Examiner: 1

North Central Grain Cooperative  
 PO Box 8  
 Bisbee, 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: Perth**

**Section: Q**

Q	018 B		Square	work floor - top 62'	0.000	14.70	10.70	10.00	0.00	0.00	10.000	0.000	10.0	126.4	6.50	1,346
Q	019		Square	work floor	0.000	11.30	4.200	52.00	0.00	0.00	52.000	0.000	52.0	38.2	3.00	2,046
Q	020		Square	work floor	0.000	5.700	4.200	55.00	0.00	0.00	55.000	0.000	55.0	19.2	2.00	1,077
Q	021		Square	work floor	0.000	11.30	7.400	52.00	0.00	0.00	52.000	0.000	52.0	67.2	5.20	3,676
Q	022		Square	work floor	0.000	12.10	7.200	55.00	0.00	0.00	55.000	0.000	55.0	70.0	5.20	4,050
Q	023		Square	work floor	0.000	6.000	4.200	55.00	0.00	0.00	55.000	0.000	55.0	20.3	2.00	1,139
Q	024		Square	work floor	0.000	12.10	7.400	55.00	0.00	0.00	55.000	0.000	55.0	72.0	5.20	4,166

Bin count: 28      Facility: Perth Section: Q Total: 101,094  
 To Even: 102,000

NORTH CENTRAL GRAIN COOPERATIVE  
 BISBEE ND  
 Perth location Section Q&S

BNSF RAIL

03	19	21	15	13	09
07	23	24	SCALE	17	05
	20				
12	16	XXXX	ML	18	10
04		08	14		

OFFICE

SECTION Q



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: Rock Lake

D		002 T	Square	work floor	0.000	4.000	3.500	35.00	0.00	0.00	35.000	0.000	35.0	11.3	2.00	404
D		002 B	Square	work floor - top 35'	0.000	9.500	3.500	11.00	0.00	0.00	11.000	0.000	11.0	26.7	2.50	301
D		003	Square	work floor	0.000	5.000	3.500	35.00	0.00	0.00	35.000	0.000	35.0	14.1	2.00	504
D		005	Square	work floor	0.000	12.80	9.500	65.00	0.00	0.00	65.000	0.000	65.0	97.7	6.00	6,732
D		006	Square	work floor	0.000	12.80	9.500	65.00	0.00	0.00	65.000	0.000	65.0	97.7	6.00	6,732
D		007	Square	work floor	0.000	12.80	9.500	64.00	0.00	0.00	64.000	0.000	64.0	97.7	6.00	6,628
D		008	Square	work floor	0.000	9.500	6.200	50.00	0.00	0.00	50.000	0.000	50.0	47.3	4.00	2,460
D		010	Square	work floor	0.000	9.500	6.200	50.00	0.00	0.00	50.000	0.000	50.0	47.3	4.00	2,460
D		011	Square	work floor	0.000	9.500	6.200	50.00	0.00	0.00	50.000	0.000	50.0	47.3	4.00	2,460
D		012	Square	work floor	0.000	12.70	9.500	65.00	0.00	0.00	65.000	0.000	65.0	97.0	6.00	6,683
D		013	Square	work floor	0.000	12.70	9.500	65.00	0.00	0.00	65.000	0.000	65.0	97.0	6.00	6,683
D		015	Square	work floor	0.000	9.500	6.200	50.00	0.00	0.00	50.000	0.000	50.0	47.3	4.00	2,460
D		017	Square	work floor	0.000	12.70	9.500	65.00	0.00	0.00	65.000	0.000	65.0	97.0	6.00	6,683
D		018	Square	work floor	0.000	9.500	3.500	50.00	0.00	0.00	50.000	0.000	50.0	26.7	2.50	1,368
D		100	Square	work floor	0.000	10.20	5.500	10.00	0.00	0.00	10.000	0.000	10.0	45.1	4.00	469
D		102	Square	work floor	0.000	9.500	3.500	34.00	0.00	0.00	34.000	0.000	34.0	26.7	2.50	931
D		103	Square	work floor	0.000	10.20	9.500	50.00	0.00	0.00	50.000	0.000	50.0	77.9	5.50	4,109
D		105 T	Irregular	work floor 9.7x6.5 less	25.600	0.000	0.000	7.000	0.00	0.00	7.000	0.000	7.0	25.6	2.50	183
D		105 B	Square	work floor - top 7'	0.000	9.700	6.500	28.00	0.00	0.00	28.000	0.000	28.0	50.7	4.50	1,484
D		106	Square	work floor	0.000	10.20	9.700	50.00	0.00	0.00	50.000	0.000	50.0	79.5	5.50	4,194
D		107	Square	work floor	0.000	10.20	9.500	50.00	0.00	0.00	50.000	0.000	50.0	77.9	5.50	4,109

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: Rock Lake

D	109		Square	work floor	0.000	9.500	6.500	35.00	0.00	0.00	35.000	0.000	35.0	49.6	4.20	1,809
D	110		Square	work floor	0.000	9.500	6.200	35.00	0.00	0.00	35.000	0.000	35.0	47.3	4.00	1,722
D	111		Square	work floor	0.000	10.20	9.500	50.00	0.00	0.00	50.000	0.000	50.0	77.9	5.50	4,109
D	112		Square	work floor	0.000	9.700	6.200	35.00	0.00	0.00	35.000	0.000	35.0	48.3	4.20	1,762
D	114		Square	work floor	0.000	10.20	9.700	48.00	0.00	0.00	48.000	0.000	48.0	79.5	5.50	4,026
D	116 T		Square	work floor	0.000	10.20	4.000	10.00	0.00	0.00	10.000	0.000	10.0	32.8	2.50	336
D	116 B		Square	work floor -top 10'	0.000	10.20	9.500	40.00	0.00	0.00	40.000	0.000	40.0	77.9	5.50	3,287
D	118		Square	work floor	0.000	4.500	3.500	34.00	0.00	0.00	34.000	0.000	34.0	12.7	2.00	441
D	201		Round	roof hatch -round or	15.500	0.000	0.000	64.00	0.00	0.00	64.000	0.000	64.0	151.7	5.50	10,243
D	202		Round	roof hatch -round or	15.500	0.000	0.000	64.00	0.00	0.00	64.000	0.000	64.0	151.7	5.50	10,243
D	203		Round	roof hatch -round or	18.500	0.000	0.000	64.00	0.00	0.00	64.000	0.000	64.0	216.1	6.20	14,687
D	204		Round	roof hatch -round or	18.500	0.000	0.000	64.00	0.00	0.00	64.000	0.000	64.0	216.1	6.20	14,687
D	205		Round	roof hatch -round or	18.500	0.000	0.000	64.00	0.00	0.00	64.000	0.000	64.0	216.1	6.20	14,687
D	206		Round	roof hatch -round or	18.500	0.000	0.000	64.00	0.00	0.00	64.000	0.000	64.0	216.1	6.20	14,687
D	207		Round	roof hatch -round or	18.500	0.000	0.000	64.00	0.00	0.00	64.000	0.000	64.0	216.1	6.20	14,687
D	208		Round	roof hatch -round or	18.500	0.000	0.000	64.00	0.00	0.00	64.000	0.000	64.0	216.1	6.20	14,687
D	209		Peaked	top of sidewall	35.900	0.000	0.000	64.80	0.00	0.00	64.800	2.200	67.0	813.7	10.0	59,970
D	301		Peaked	top of sidewall-door 6'	15.500	0.000	0.000	15.00	2.00	0.00	17.000	0.900	17.9	151.7	5.50	2,864
D	302		Peaked	top of sidewall-door 6'	15.500	0.000	0.000	15.00	2.00	0.00	17.000	0.900	17.9	151.7	5.50	2,864

### NDPSC Bin Capacity Chart

Exam Date: 09/15/2008  
 Examiner: 1

North Central Grain Cooperative  
 PO Box 8  
 Bisbee, 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									

Bin count: 40

Facility: Rock Lake Section: D Total: **259,835**

To Even: **260,000**

## Section: E

E	001 T	Square	work floor	0.000	4.500	4.000	23.00	0.00	0.00	23.000	0.000	23.0	14.5	2.00	341
E	001 B	Square	work floor - top 23'	0.000	10.20	4.000	22.00	0.00	0.00	22.000	0.000	22.0	32.8	2.50	740
E	002	Square	work floor	0.000	5.500	4.000	23.00	0.00	0.00	23.000	0.000	23.0	17.7	2.00	415
E	003	Square	work floor	0.000	6.500	6.300	45.00	0.00	0.00	45.000	0.000	45.0	32.9	2.50	1,518
E	004	Square	work floor	0.000	12.70	10.20	63.00	0.00	0.00	63.000	0.000	63.0	104.1	6.00	6,951
E	005 B	Square	work floor - top 45'	0.000	12.70	12.30	18.00	0.00	0.00	18.000	0.000	18.0	125.6	6.50	2,408
E	006	Square	work floor	0.000	12.30	6.100	45.00	0.00	0.00	45.000	0.000	45.0	60.3	4.80	2,844
E	008 T	Square	work floor	0.000	11.80	6.100	45.00	0.00	0.00	45.000	0.000	45.0	57.9	4.80	2,731
E	008 B	Square	work floor - top 45'	0.000	12.70	11.80	18.00	0.00	0.00	18.000	0.000	18.0	120.5	6.50	2,310
E	009	Square	work floor	0.000	11.80	6.100	45.00	0.00	0.00	45.000	0.000	45.0	57.9	4.80	2,731
E	010	Square	work floor	0.000	11.80	6.500	45.00	0.00	0.00	45.000	0.000	45.0	61.7	4.80	2,910
E	011	Square	work floor	0.000	6.500	6.300	45.00	0.00	0.00	45.000	0.000	45.0	32.9	2.50	1,518
E	013	Square	work floor	0.000	11.80	6.500	45.00	0.00	0.00	45.000	0.000	45.0	61.7	4.80	2,910
E	014	Square	work floor	0.000	6.500	6.000	45.00	0.00	0.00	45.000	0.000	45.0	31.4	2.50	1,448
E	015	Square	work floor	0.000	11.80	6.100	45.00	0.00	0.00	45.000	0.000	45.0	57.9	4.80	2,731
E	016 T	Square	work floor	0.000	11.80	6.100	45.00	0.00	0.00	45.000	0.000	45.0	57.9	4.80	2,731
E	016 B	Square	work floor - top 45'	0.000	12.70	11.80	18.00	0.00	0.00	18.000	0.000	18.0	120.5	6.50	2,310
E	017	Square	work floor	0.000	12.30	6.100	45.00	0.00	0.00	45.000	0.000	45.0	60.3	4.80	2,844
E	019 T	Square	work floor	0.000	12.30	6.100	45.00	0.00	0.00	45.000	0.000	45.0	60.3	4.80	2,844
E	019 B	Square	work floor - top 45'	0.000	12.70	12.30	18.00	0.00	0.00	18.000	0.000	18.0	125.6	6.50	2,408

Exam Date:09/15/2008  
Examiner: 1

North Central Grain Cooperative  
PO Box 8  
Bisbee, 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: Rock Lake

E	020		Square	work floor	0.000	6.500	6.000	45.00	0.00	0.00	45.000	0.000	45.0	31.4	2.50	1,448
E	021		Square	work floor	0.000	12.70	10.20	62.00	0.00	0.00	62.000	0.000	62.0	104.1	6.00	6,841
E	022		Square	work floor	0.000	10.20	4.000	45.00	0.00	0.00	45.000	0.000	45.0	32.8	2.50	1,513
E	101		Peaked	top of sidewall- peaked??	27.000	0.000	0.000	40.00	0.00	0.00	40.000	1.600	41.6	460.3	8.50	20,776
E	102		Peaked	top of sidewall- peaked??	27.000	0.000	0.000	40.00	0.00	0.00	40.000	1.600	41.6	460.3	8.50	20,776
E	103		Peaked	top of sidewall- peaked??	27.000	0.000	0.000	40.00	0.00	0.00	40.000	1.600	41.6	460.3	8.50	20,776
E	104		Peaked	top of sidewall- peaked??	27.000	0.000	0.000	40.00	0.00	0.00	40.000	1.600	41.6	460.3	8.50	20,776
E	105		Peaked	top of sidewall peaked??	27.000	0.000	0.000	40.00	0.00	0.00	40.000	1.600	41.6	460.3	8.50	20,776
<b>Bin count: 29</b>													<b>Facility: Rock Lake Section: E Total:</b>		<b>164,169</b>	
													<b>To Even:</b>		<b>165,000</b>	

## Section: G

G	001		Quonset	get dimensions 16' roof to	0.000	90.00	32.00	15.90	0.00	0.00	15.900	0.000	15.9	1828.6	10.0	31,983
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**Bin count: 1** **Facility: Rock Lake Section: G Total:** **31,983**

**To Even:** **32,000**

## Section: H

H	001		Quonset	get dimensions 16' roof to	0.000	90.00	32.00	15.90	0.00	0.00	15.900	0.000	15.9	1828.6	10.0	31,983
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Exam Date:09/15/2008  
Examiner: 1

North Central Grain Cooperative  
PO Box 8  
Bisbee, ND  
County:

Status	Section	Bin Number	Bin Type	Base Point	Diameter or Bu/Ft (Ireg).	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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		<b>Bin count: 1</b>														
<b>Facility: Rock Lake Section: H Total:</b>																
															<b>31,983</b>	
															To Even: <b>32,000</b>	

**Section: I**

	I	001	Quonset	get dimensions 16' roof to	0.000	120.0	40.00	7.900	0.00	0.00	7.900	0.000	7.9	3755.6	10.0	32,637
<b>Facility: Rock Lake Section: I Total:</b>																
															<b>32,637</b>	
															To Even: <b>33,000</b>	

**Section: K**

	K	001	Peaked	top of sidewall - leased	35.900	0.000	0.000	22.00	0.00	0.00	22.000	2.200	24.2	813.7	10.0	21,661
	K	002	Peaked	top of sidewall - leased	35.900	0.000	0.000	22.00	0.00	0.00	22.000	2.200	24.2	813.7	10.0	21,661
<b>Facility: Rock Lake Section: K Total:</b>																
															<b>43,322</b>	
															To Even: <b>44,000</b>	

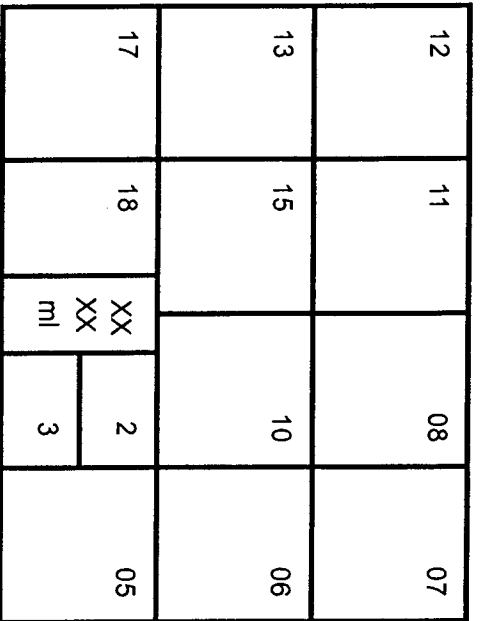
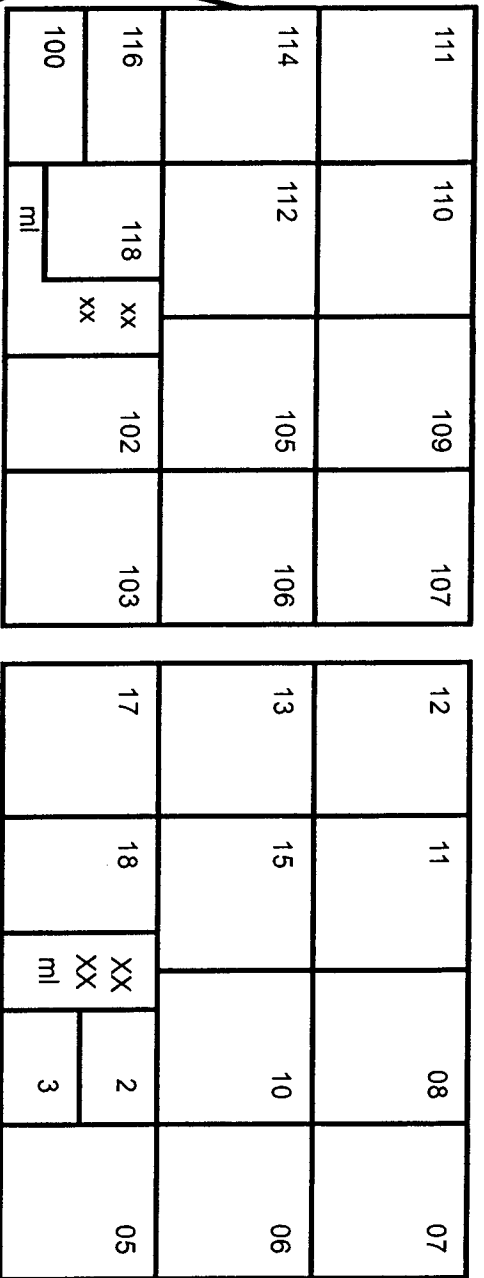
**Section: X-1**

	Added	X-1	ground	Temporary ground storage	0.000	200.0	75.00	7.500	0.00	0.00	7.500	0.000	7.5	12057.9	10.0	99,477
<b>Facility: Rock Lake Section: X-1 Total:</b>																
															<b>99,477</b>	
															To Even: <b>100,000</b>	

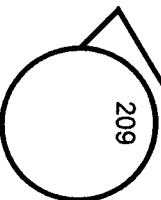
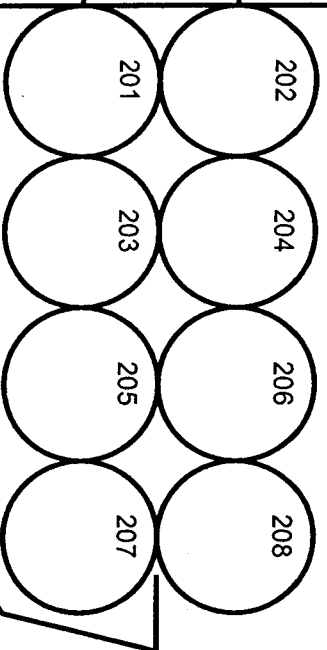
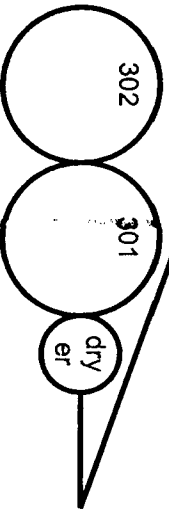
NORTH CENTRAL GRAIN COOPERATIVE

BISBEE ND

Rock Lake location Section D

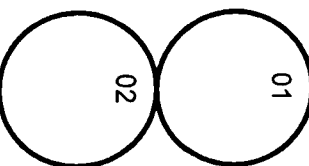


SECTION D



SECTION -G-H-I  
consists of quonsets 90'L  
16.0' to low point of roof  
Sec. I - 120' L x 40' W

SECTION K  
leased tanks



NORTH CENTRAL GRAIN COOPERATIVE

BISBEE ND

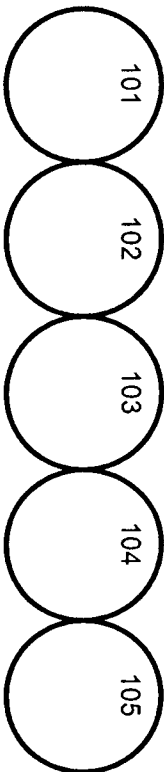
Rock Lake location

Section E

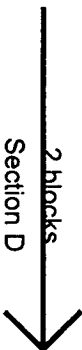
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21		22	01		04
		XX	XX		
		ML	02		

office

SECTION E



SECTION E



Exam Date:09/15/2008  
 Examiner: 1

North Central Grain Cooperative  
 PO Box 8  
 Bisbee, ND  
 County:

Status	Section	Bin Number	Bin Type	Base Point	Diameter or Bu/Ft (irreg).		Side 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: Rolette**

**Section: M**

M	002	Square	work floor	0.000	8.200	4.000	51.00	0.00	0.00	51.000	0.000	51.0	26.4	2.50	1,380
M	003 T	Square	work floor	0.000	6.000	5.000	10.00	0.00	0.00	10.000	0.000	10.0	24.1	2.50	247
M	003 B	Square	work floor - top 10'	0.000	12.00	6.000	42.50	0.00	0.00	42.500	0.000	42.5	57.9	4.80	2,579
M	004	Square	work floor	0.000	5.800	4.000	52.00	0.00	0.00	52.000	0.000	52.0	18.6	2.00	986
M	005	Square	work floor	0.000	8.800	5.500	20.00	0.00	0.00	20.000	0.000	20.0	38.9	3.00	801
M	006	Square	work floor	0.000	8.800	5.500	20.00	0.00	0.00	20.000	0.000	20.0	38.9	3.00	801
M	007 T	Square	work floor	0.000	10.70	2.100	20.00	0.00	0.00	20.000	0.000	20.0	18.1	2.00	369
M	007 B	Square	work floor - top 20'	0.000	10.90	10.70	50.00	0.00	0.00	50.000	0.000	50.0	93.8	5.80	4,962
M	008	Square	work floor	0.000	10.70	5.800	50.00	0.00	0.00	50.000	0.000	50.0	49.9	4.20	2,600
M	009	Square	work floor	0.000	5.800	4.000	52.00	0.00	0.00	52.000	0.000	52.0	18.6	2.00	986
M	010	Square	work floor	0.000	13.20	10.90	68.00	0.00	0.00	68.000	0.000	68.0	115.7	6.20	8,356
M	011	Square	work floor	0.000	13.20	12.00	51.00	0.00	0.00	51.000	0.000	51.0	127.3	6.50	6,914
M	012	Square	work floor	0.000	10.70	5.800	50.00	0.00	0.00	50.000	0.000	50.0	49.9	4.20	2,600
M	013 T	Square	work floor	0.000	13.20	2.800	50.00	0.00	0.00	50.000	0.000	50.0	29.7	2.50	1,522
M	013 B	Square	work floor - top 50'	0.000	13.20	10.90	18.00	0.00	0.00	18.000	0.000	18.0	115.7	6.20	2,212
M	014	Square	work floor	0.000	13.20	8.000	50.00	0.00	0.00	50.000	0.000	50.0	84.9	5.80	4,491
M	015	Square	work floor	0.000	10.90	10.70	70.00	0.00	0.00	70.000	0.000	70.0	93.8	5.80	6,947
M	016	Square	work floor	0.000	10.90	4.000	51.00	0.00	0.00	51.000	0.000	51.0	35.0	3.00	1,839
M	018	Square	work floor	0.000	10.90	4.000	51.00	0.00	0.00	51.000	0.000	51.0	35.0	3.00	1,839
M	019	Square	work floor	0.000	10.90	10.70	70.00	0.00	0.00	70.000	0.000	70.0	93.8	5.80	6,947
M	020	Square	work floor	0.000	13.00	8.000	49.00	0.00	0.00	49.000	0.000	49.0	83.6	5.80	4,334

Exam Date: 09/15/2008  
 Examiner: 1

North Central Grain Cooperative  
 PO Box 8  
 Bisbee, 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: Rolette**

**Section: M**

M	021		Square	work floor	0.000	5.800	4.000	52.00	0.00	0.00	52.000	0.000	52.0	18.6	2.00	986
M	022 T		Square	work floor	0.000	13.00	2.800	49.00	0.00	0.00	49.000	0.000	49.0	29.3	2.50	1,472
M	022 B		Square	work floor - top 49'	0.000	13.00	10.90	18.00	0.00	0.00	18.000	0.000	18.0	113.9	6.20	2,177
M	023		Square	work floor	0.000	10.70	5.800	50.00	0.00	0.00	50.000	0.000	50.0	49.9	4.20	2,600
M	024		Square	work floor	0.000	13.00	12.00	51.00	0.00	0.00	51.000	0.000	51.0	125.4	6.50	6,811
M	025		Square	work floor	0.000	10.70	5.800	50.00	0.00	0.00	50.000	0.000	50.0	49.9	4.20	2,600
M	026		Square	work floor	0.000	13.00	10.90	68.00	0.00	0.00	68.000	0.000	68.0	113.9	6.20	8,225
M	027		Square	work floor	0.000	5.800	4.000	52.00	0.00	0.00	52.000	0.000	52.0	18.6	2.00	986
M	028		Square	work floor	0.000	10.90	10.70	70.00	0.00	0.00	70.000	0.000	70.0	93.8	5.80	6,947
M	031		Square	work floor	0.000	7.000	4.000	51.00	0.00	0.00	51.000	0.000	51.0	22.5	2.00	1,171
M	101		Peaked	top of sidewall	29.900	0.000	0.000	32.00	0.00	0.00	32.000	1.800	33.8	564.4	9.00	20,794
M	102		Peaked	top of sidewall	29.900	0.000	0.000	32.00	0.00	0.00	32.000	1.800	33.8	564.4	9.00	20,794

Bin count: 33      Facility: Rolette Section: M Total: 139,275

To Even: 140,000

<p><b>Overall Licensed Bin Capacity for:</b></p> <p>North Central Grain Cooperative</p> <p>Bin count: 215</p> <p><b>Licensed Capacity:</b> _____                  (includes pack)</p> <p><b>Licensed Capacity (to even):</b> _____                  (includes pack and section totals are rounded up to next highest 1000)</p>	<p><b>3,478,795 Bu.</b></p> <p><b>3,485,000 Bu.</b></p>
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NORTH CENTRAL GRAIN COOPERATIVE

BISBEE ND

ROLETTE location

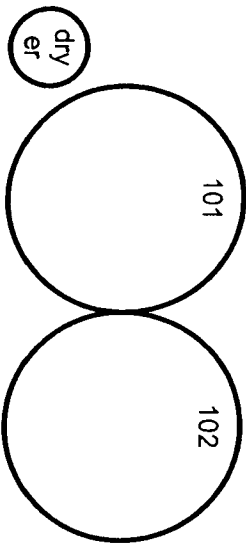
Section M

NP RAIL

20	19	18	XX	16	15	14
22			XX			13
24	23	21	03	09	12	11
	25	27		04	08	
26	28	XX	XX	XX	07	10
			31	02	5	6

OFFICE

SECTION M



SECTION M

**Public Service Commission**

608 East Boulevard Avenue Dept. 408

Bismarck, ND 58505-0480

701-328-4097 – phone

701-328-2410 - fax

# Memo

**To:** Mike Gratton, North Central Grain Cooperative  
**From:** Timothy Erdmann, Licensing Division  
**Date:** September 16, 2008  
**Re:** All facilities capacity and Grain Warehouse Bond

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Sir: I have added the new construction under Section Y at Bisbee and included the bin charts, diagrams, statement of capacity, and a copy of the license renewal. Please review the capacity at each location and verify the accuracy of my updated information. The information I assembled was comparable to Mr. Cline's in June when the joint exam was conducted. Please note the differences on the license renewal versus my information at Agate, Rock Lake, and Perth. Please call if you have corrections, need assistance, or have questions.

The current bond of \$855,000 allows for a maximum capacity of 3,525,000 bushels. A reduction in ground storage would provide enough bond coverage for the internal storage. Please respond in writing to the Licensing Division Office regarding your storage capacity and bond amount.

Thank you,

*Timothy Erdmann*