

Exam Date:08/08/2012

Galesburg Co-operative Elevator Company

Page: 1

Examiner: 1

PO Box 115

Galesburg , ND

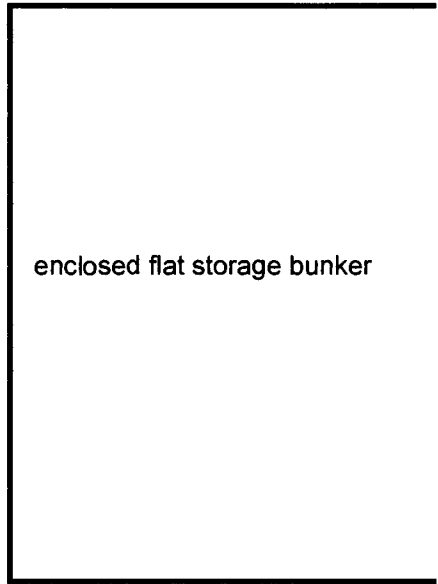
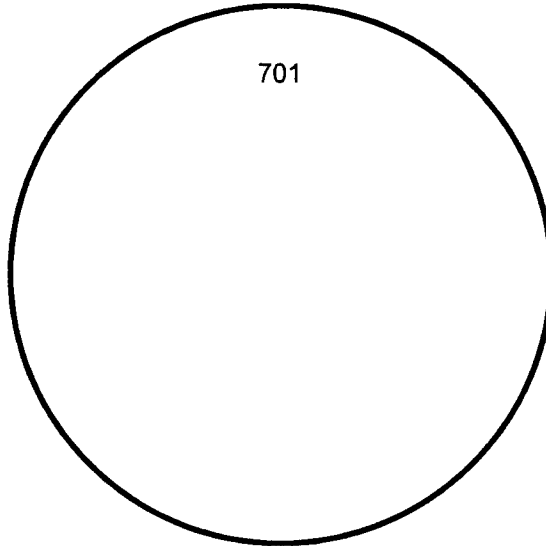
County:

Phone: 701-488-2216

CCC Number:

Location/Container Numbers/Comments	Section	Capacity
PART A - ADDITIONAL SPACE TO BE INCLUDED UNDER LICENSE		
701	B	555,904
		Total: 555,904
PART B - SPACE TO BE DELETED UNDER LICENSE		
<NO BINS DELETED>		
		Total: 0
PART C - ALL SPACE TO BE INCLUDED UNDER LICENSE		
	A	1,536,000
	B	1,633,000
	G	586,000
		Total: 3,755,000
PART D - TOTAL CAPACITY BY FUNCTIONAL UNIT		
Galesburg 495	A B G	3,755,000
		Total: 3,755,000

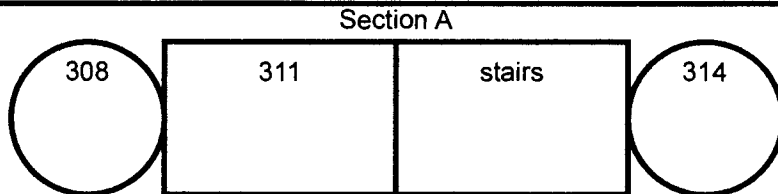
GALESBURG COOPERATIVE ELEV. CO.
GALESBURG N.D.
SECTION B page 4



#601 Not Licensed

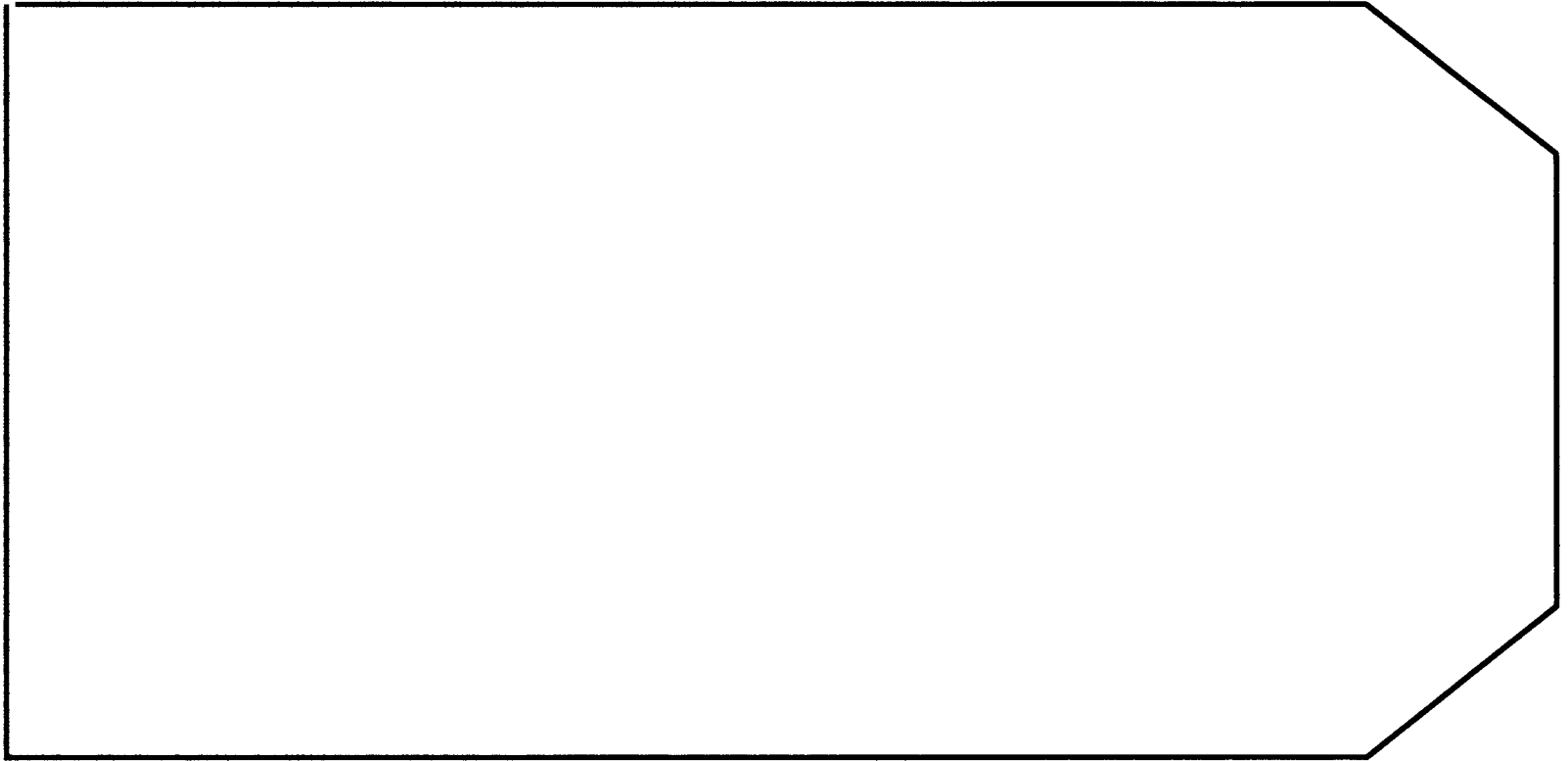
601 quonset	foundation 47.0' W x 2.0' ht.
Section A	3.0' ht. width = 47.0'
base dimensions above foundation 47.6' W x 300.0' L	5.0' ht. width = 45.8'
1st side wall support top of to floor 8.0'	7.0' ht. width = 44.1'
2nd side wall support 13.0'	9.0' ht. width = 41.6'
3rd side wall support 19.5'	
center bottom u-trough to floor 20.0'	
u-trough space on center 2.25'	

BNSF RAIL



GALESBURG COOPERATIVE ELEV. CO.
GALESBURG ND
SECTION B enclosed flat storage bunker

Base 00 EXT1-B
Top 00EXT1-T

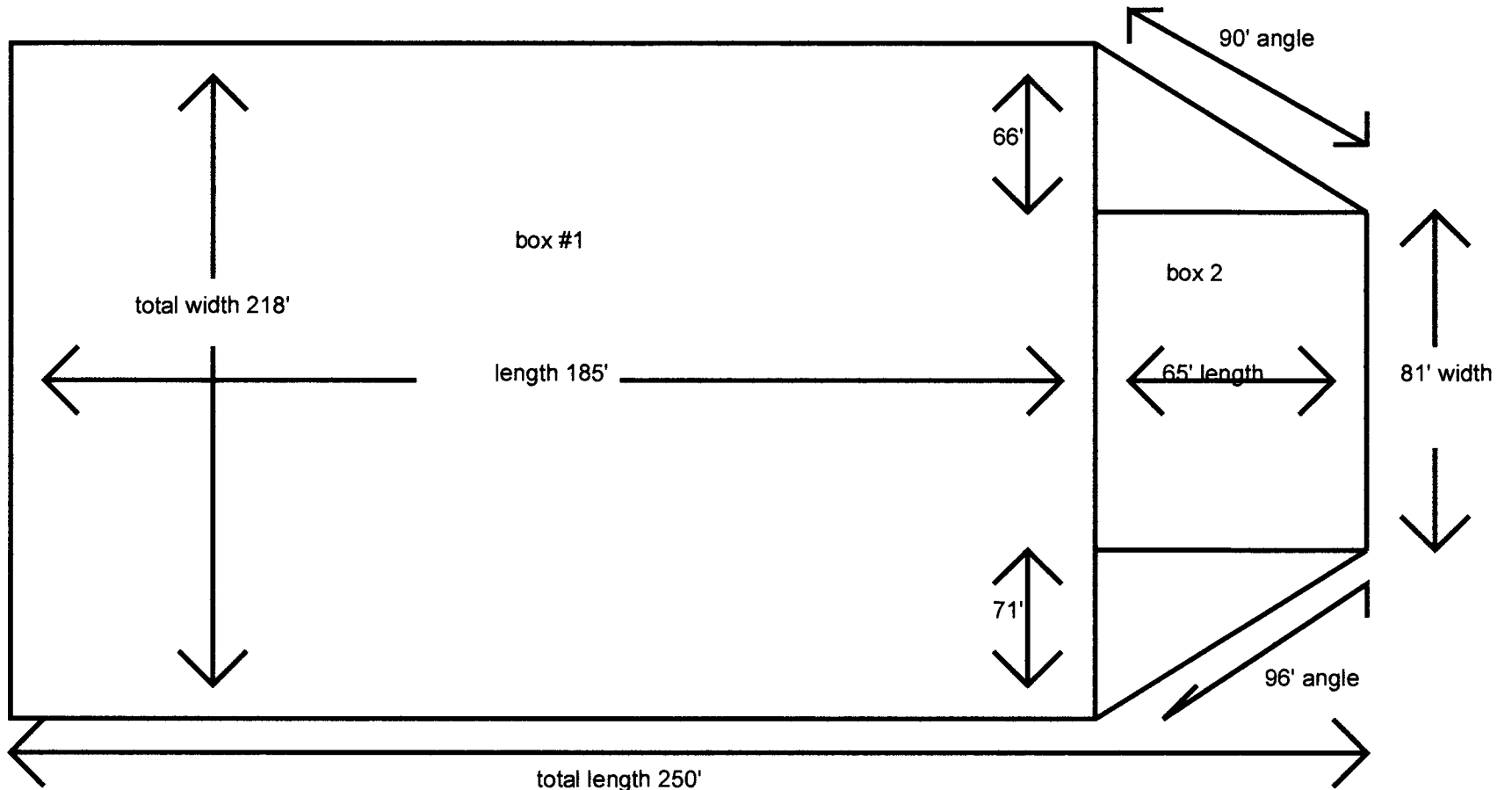


Basics
11.5' grain wall ht.
250' length x 218' width
40,119.5 bu./ft
20 degree angle of repose = a peak ht. of $39.6' / 3 = 13.2''$ of grain above bunker wall
see calculations page for more information

BNSF RAIL

ELEVATOR COMPLEX

GALESBURG CO-OP
 Enclosed flat storage bunker
 dimensions & calculations



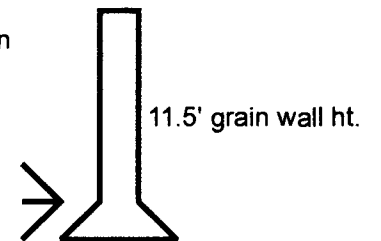
total length 250'
 CAPACITY- 11.2' ht. + 13.2' ht. = 24.4' ht x 40119.5 = 978915.8 bu x 1.1 pack = 1,076,807 bushels
 bunker adjusted ht. 11.5' - 0.3' = 11.2'
 20 degree angle of repose = 39.6' peak ht. above grain wall
 .39.6' /3 = 13.2' ht. above grain wall

Calculations of bunker

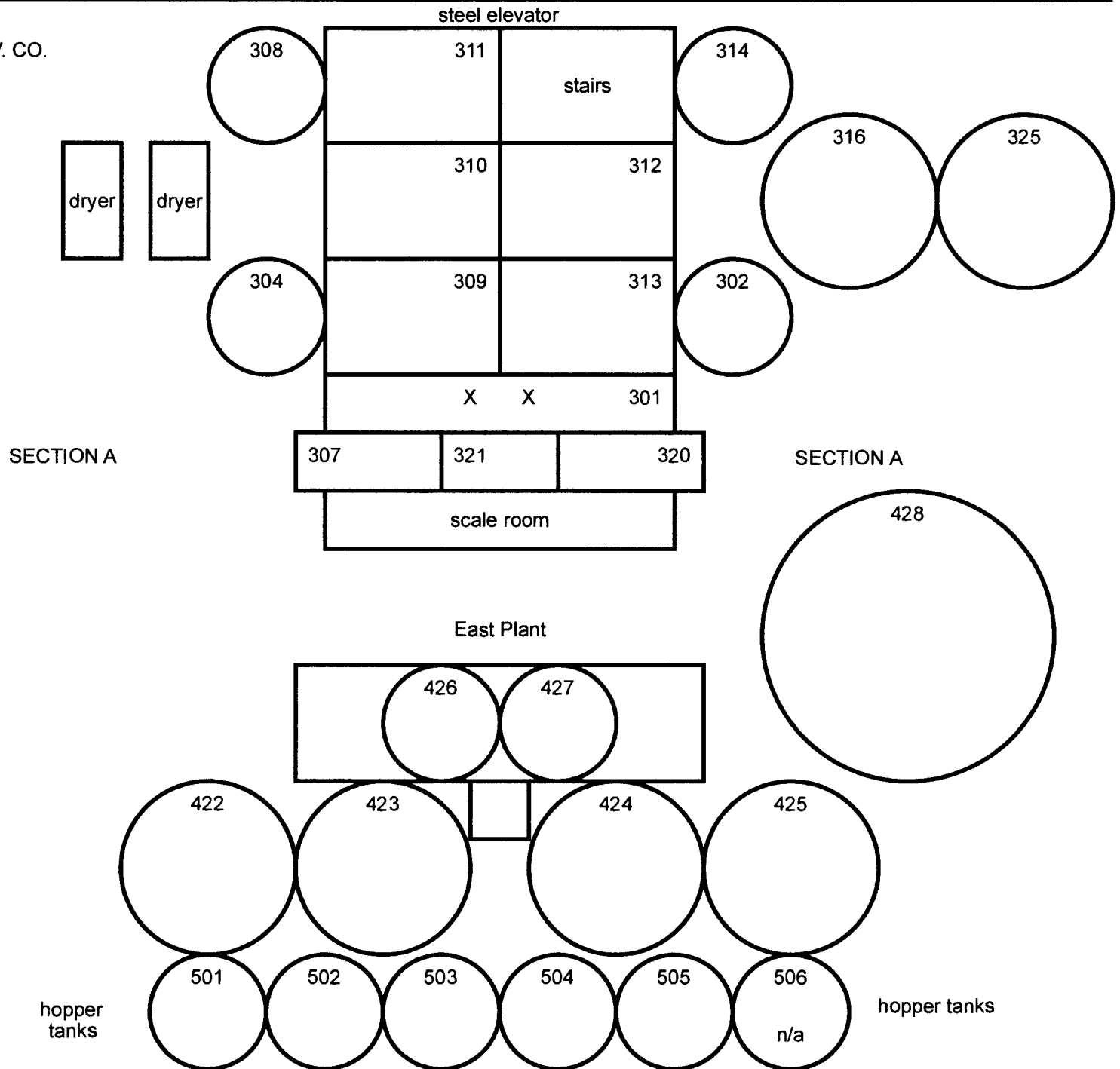
box #1 - 185' x 218' = 40,330 square feet
 box 2- a trapezoid 218' + 81' / 2 = 149.5' x 65' = 9717.5 sq ft.
 Subtotal of square feet = 50,047.5
 triangle fillet - 0.65' x 0.5' /2= .1625 x 855' = -138.9 sq ft deduct
 total square feet = 50,047.5 - 138.9 = 49908.6 square feet
 49908.6 sq. ft. x .80386 bu./cubic ft. = 40,119.5 bushels per foot

Deduct Grain wall ht. 11.5' less obstruction
 for base fill 1.0' in center cone up
 = 11.5' - 0.3' = 11.2' for capacity

Deduct
 triangle fillet at bttm
 0.65' base x 0.50' ht
 total linear feet of fillet to deduct 855'

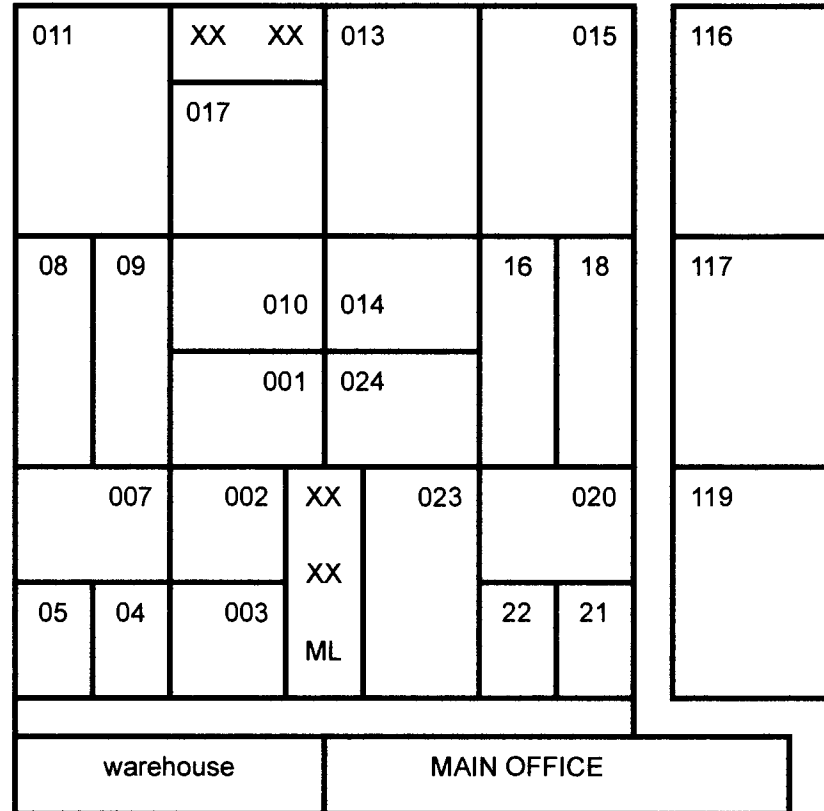
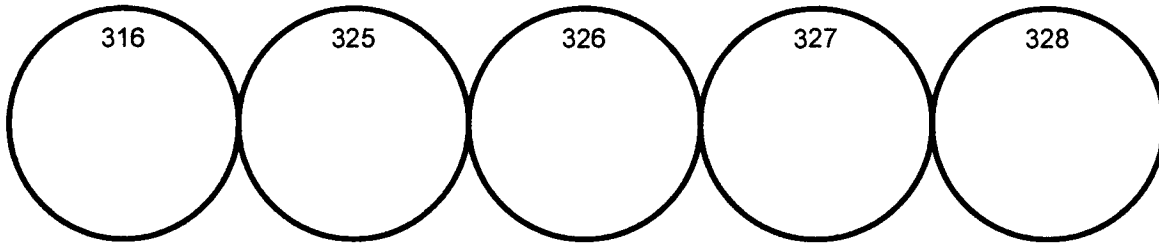


GALESBURG COOPERATIVE ELEV. CO.
GALESBURG N.D.
SECTION A page 3



GALESBURG COOPERATIVE ELEV. CO.
 GALESBURG N.D.
 SECTION A page 1

BNSF RAIL



GALESBURG COOPERATIVE ELEV. CO.
 GALESBURG N.D.
 SECTION A page 2

BNSF RAIL

XXXXXXXX EXCLUDED SPACE XXXXXXXXXXXXXXXX

116	114	112	111	110	109		202	204	206	208	210	212	214	216
XXXXXXXX EXCLUDED SPACE XXXXXXXXXXXXXXXX														
117	118	123	101	107	106									
XXXXXXXX EXCLUDED SPACE XXXXXXXXXXXXXXXX							201	203	205	207	209	211	213	215
119	121	122	103	104	1TB									
XXXXXXXX EXCLUDED SPACE XXXXXXXXXXXXXXXX														
			102		105									

SECTION A

OFFICE

GALESBERG COOPERATIVE ELEV. CO.
GALESBURG N.D.
SECTION G
0.05 m. east of Section B
bin site east of town

