

Appendix B

Excerpts from USACE PA (2005) and Draft FSI (Bay West, 2008)

B.1 Historical Background Data from the 2005 Preliminary Assessment

Appendix B.1

Historical Background Data from the 2005 Preliminary Assessment

APPENDIX I
MAPS/DRAWINGS REFERENCES

Bibliography

National Archives and Records Administration-Central Plains Region. Record Group 270, Records of Gopher Ordnance Works. "Real Estate Gopher Ordnance Works, Segment "A" Military Reservation. Sheet 1 of 4, Drawing No. MINN. 1A., 17 November 1944

Dakota County Environmental Management

Maps

Map 1: Building Key and Index

Map 2: Process Wastewater System

Map 3: Segment A Real Estate (Circa 1944)

Map 4: Sanitary Sewer System

Map 5: Gopher Ordnance Works, Coates and Vermillion 7.5' Quads

Map 6: Surficial Geology

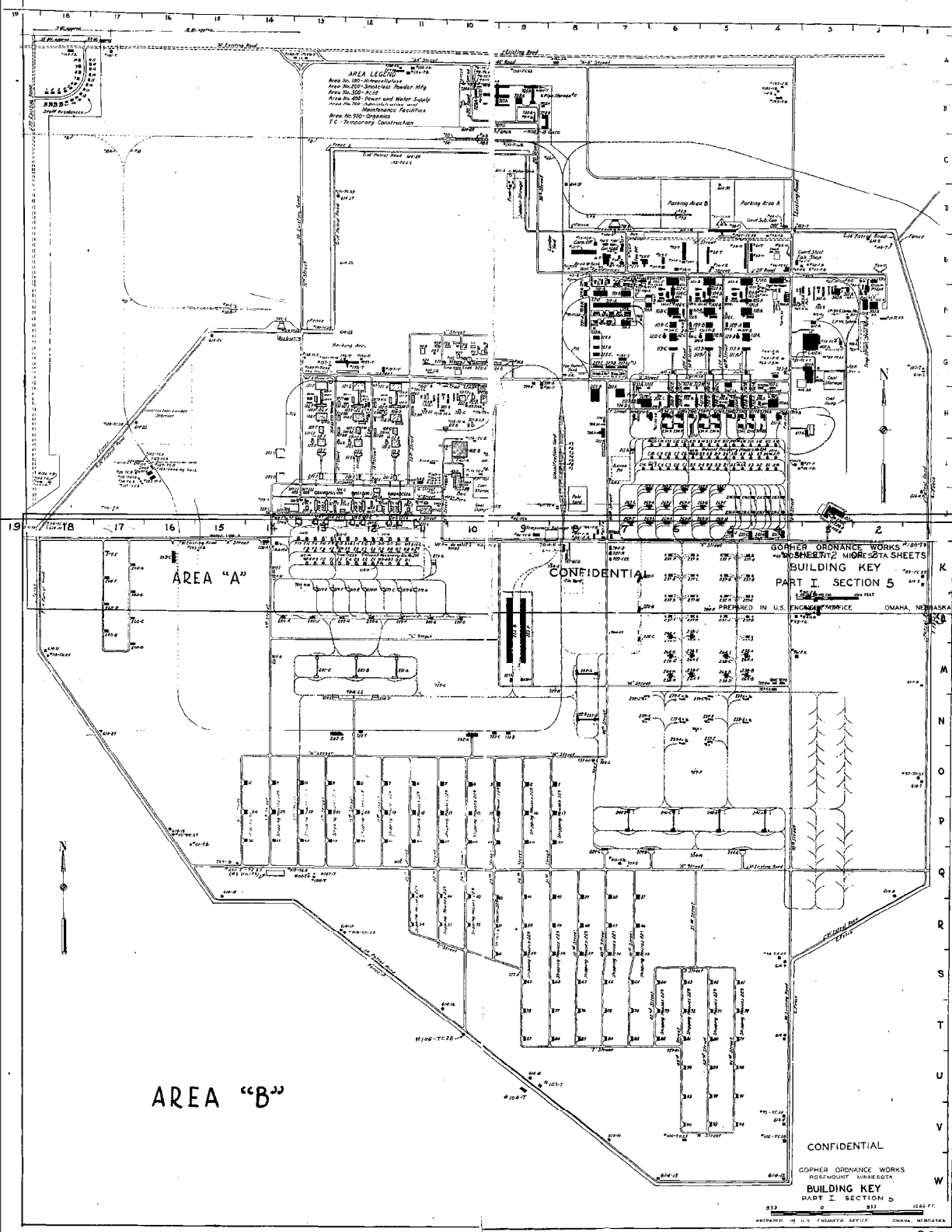
Map 7: Bedrock Geology

Map 8: Drinking Water Wells

Drawings

Drawing 1: Storage/Shipping Building

Drawing 2: Building 260 (DNT Igloo)



AREA "A"

AREA "B"

CONFIDENTIAL

GOPHER ORDNANCE WORKS
 SHEET 2 OF 22 SHEETS
 BUILDING KEY
 PART I, SECTION 5
 PREPARED IN U.S. ENGINEERING SERVICE OMAHA, NEBRASKA

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GOPHER ORDNANCE WORKS
 ROSEMONT, MINNESOTA
 BUILDING KEY
 PART I, SECTION 5

**BUILDING KEY
 MAP 1**

FORMER GOPHER ORDNANCE WORKS
 ROSEMONT, MINNESOTA

1:8,000

INDEX OF BUILDING PLANS

Building Number	Title	Page Number of Building Plan
101 A-B-C	Purified Cotton Storehouse	227
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104 & 122-B	Cotton Dry & Wood Pulp Dry House	229 & 230
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108 A-F Inc.	Boiling Tub House	236 to 238
109 A-F Inc.	Pulping House	239 to 240
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112 A-F Inc.	Poacher Tub House	242
113 A-F Inc.	Blending Tub & Final Wringer	243 & 244
120 A-F Inc.	Saveall Pump House and Tank	245 & 246
121 D-E-F	Wood Pulp Storehouse	227
122 D-E-F	Wood Pulp Dry House	247
123 A-F Inc.	Wheeling Walk	248
201 A-F Inc.	N/C Lag Store House	249
202 A-M Inc.	Dehydrating Press House	250
202 SA & SB	Strong Alcohol Press House	251
203 A	Alcohol Storage Tank	None
203 B	Alcohol Storage Tank	252
203 C & D	Alcohol Storage Tank	None
205 A	DNT Screening House	253
206 A-F Inc.	Ether Mixing House	254 & 255
207 A-D Inc.	Ether & Alcohol Rect. House	256
207 AA-DD Inc.	Ether & Alcohol Storage	257 & 258
207 AC-BC-DC-EC	Caustic Mix House	259
208 A-M Inc.	Mixer House	260
209 A & B	Scrap Rework House	261
211 A-F Inc.	Horizontal Screen & Press House	262
213 A & B	Solvent Rec. CW & D House	263
214 A1 - A18 Inc.	Solvent Recovery Houses	264
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217 A	Knife Grind & Die Shop	266
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234 K - R, Inc.	Vertical Press House	285
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264 A - K, Inc.	Barricades Glaze Bbl. House	298
269 A - T, Inc.	Water Dry House	299
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& 301 B (LP) (HP)	L.P.&H.P. Anhyd. Ammonia Stor.	300 & 301
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303 A (NA) B (NA)	Nitric Acid Concentration	305 to 307
303 A (SA)	Sulphuric Acid Concentration	308 to 313
305A	Acid Area Tank Farm	314 to 321
401 A	Power House	322 to 339
401 B	Power House	None
402 A & B	Reservoir Settling Basin	340 to 342
404A & B	Ranney Wells & Pump House	343
404 C	Ranney Wells & Pump House	344
404 D	Ranney Wells & Pump House	345
406 A & B	Salt Dissolving Pit	346
410 A & B	Ash Disposal Basin	None
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707 E, F, UU, WW	Purification	
-- DDD, EEE	Solvents - - -	379
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X, XX	Rifle Towers	379
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RR, SS & AAA	Women Operators	379
707 CCC	Cannon Tower	380
HH	Magazine	380
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716 B	Car Wash & Grease Shop	390
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730 A	Guard Hdqs. Garage	414
731 A & B	Salvage Building	415
733 A	Service House	416
740 A, B & C	Tool Storage	None
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903	Benzine Nitrating House	None
904	Separating & Neutral House	None
906	Still House	None
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908	Iron Storage	418
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2T	Foreman Shack	None
3T	Foreman Shack	None
4T	Toilet	439
5T	Guard House	None
6T	Foreman Shack	None
7T	Guard House	None
8T	Clock Alley	None
9T	Boiler House	440
10T	Guard House	None
11T	Toilet	439
12T	Carpenter Shop	441
13T	Carpenter Office	442
14T	Paint Shop	None
15T	Labor & Con. Office	443
16T	Carp. Millwright & Mach. Shop	444
17T	Boiler House	None
18T	Millwright Office	445
19T	Fire Siren Tower	None
23T	Electric Shop	446
24T	Crane Repair Shop	447
25T	Rigger & Crane Office	448
26T	Paper Shredder	None
27T	Pipe Office	449
28T	Pipe Shop	450
29T	Oil Storage	None
30T	Government Inspectors	451
31T	Boiler House	None
32T	Automotive Repair	452
33T	Transportation Office	453
34T	Sanitation Building	454
35T	Truck Storage	None
36 FR	Farm Residence	None
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42 F.R.	Farm Residence	None
43 T	Sub-contractors' Facilities	459
44 T	Truck Scale House	None
45 T	Re-steel Shop	None
46 T	Lead Burner Shop	None
47 F.R.	Farm Residence	None
48 F.B.	Farm Garage	None
49 F.B.	Machine Shed	None
50 T	Field Office	None
51 T	Material Storage	None
52 T	Material Storage	None
53 T	Boiler House	460
54 T	Toilet	439
55 T	Field Office	None
56 F. B.	Farm Shed	None
57 F. B.	Farm Barn	None
58 F. R.	Farm Residence	None
59	Farm Residence	None
60 T	Guard House	None
61 T	Guard House	None
62 T	Guard House	None
63 T	Guard House	None
64 F.B.	Farm Barn	None
65 F.R.	Farm Residence	None
66 F. B.	Farm Building	None
67 S.H.	School House	None
68 T	Toilet	439
69 T	Fire Station	None
70 T	Store Room	None
71 T	Store Room	None
72 T	Store Room	None
73 T	Cement Shed	None
74 T	Tool Shed	None
75 T	Guard House	None
76 T	Toilet	439
77 T	Boiler House	461
78 T	Guard House	None
79 F. R.	Farm Residence	None
80 T	Boiler House	460
81 T	Field Office	None
82 T	Storage Shed	462
83 T	Store Room	None

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84 F. B.	Farm Milk Barn	None
85 F.B.	Farm Machine Shed	None
86 F.B.	Farm Barn	None
87 F.R.	Farm Residence	None
88 F.R.	Farm Residence	None
89 T	Guard House	None
90 F.B.	Farm Granary	None
91 F.B.	Farm Barn	None
92 F.B.	Farm Barn	None
93 F.B.	Farm Milk House	None
94 F B	Farm Garage	None
95 F R	Farm Residence	None
96 F R	Farm Residence	None
97 T	Guard House	None
98 T	Guard House	None
99 T	Toilet	439
100 T	Toilet	439
101-SH	Rural School	None
102 T	Guard House	None
103 T	Toilet	439
104 T	Pistol Range Shed	None
105 T	Guard House	None
106 T	Toilet	None
107 T	Time Office	None
108 T	Sanitary Building	None
109 T	Sanitary House	None
110 T	Boiler House	463
111 F B	Farm Silo	None
112 T	Toilet	None
113 T	Toilet	None
114 T	Toilet	None
115 T	Guard House	None
116 F B	Farm Silo	None
117 T	Cement Shed	None
118 T	Field Office	None
119 T	Paint Shop	None
120 T	Field Office	None
121 T	Toilet	None
122 T	Field Office	None
123 T	Field Office	None
124 T	Field Office	None
125 T	Loading Dock	None
126 T	Store Room	None
127 T	Store Room	None

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Building Number	Title	Page Number of Building Plan
128 T	Guard House	None
129 T	Guard House	None
130 T	Toilet	439
131 T	Toilet	439
132 T	Toilet	439
133 T	Guard House	None
134 T	Warning Shelter	None
135 F B	Farm Barn	None
136 F B	Farm Granary	None
137 F B	Farm Shed	None
138 F B	Farm Barn	None
139 T	Warning Shelter	None
140 T	Warning Shelter	None
141 T	Garage Shop	464
142 F B	Farm Barn	None
143 F. B.	Farm Silo	None
144 T	Pipe Shop	465
145 T	Field Office	None
146 T	Guard House	None
148 F R	Farm Residence	None
149 F B	Farm Barn	None
150 F B	Farm Silo	None
151 T	Field Office	None
152 T	Boiler Office	460
153 T	Clock Alley	456
154 T	Canteen	None
155 T	Guard House	None
156 T	Canteen	None
157 T	Field Office	None
158 T	Field Office	None
159 T	Machine Shop	None
160 T	Electric Shop	None
161 T	Pipe Shop	465
162 T	Boiler House	None
163 T	Field Office	None
164 T	Riggers Shed	466
165 T	Pipe Shop	465
166 T	Machine Shop	None
167 T	Electric Shop	None
168 T	Storage Shed	None
169 T	Storage Shed	None
170 T	Storage Shed	None
171 T	Tool Shed	None
172 T	Tool Shed	None

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Building Number	Title	Page Number of Building Plan
173 T	Tool Shed	None
174 T	Carpentry Shed	None
175 T	Storage Shed	None
176 T	Tool Shed	None
177 T	Shelter House	None
178 T	Field Office	None
179 T	Tool Storage	None
180 T	Electric Shop	None
181 T	Rigger Shop	466
182 T	Field Office	467
183 T	Pipe Shop	465
184 T	Machine Shop	None
185 T	Carey Mfg. Co. Shop	None
186 T	Guard House	None
187 T	Toilet	None
188 T	Guard House	None
189 T	Guard House	None
190 T	Guard House	468
191 F R	Farm Residence	None
192 F R	Farm Residence	None
193 F B	Farm Garage	None
194 F B	Farm Milk House	None
195 T	Farm Barn	None
196 T	Warehouse	469
197 T	Garage	470
198 T	Paymaster Booth	None
199 T	Paymaster Booth	None
200 T	Toilets	None

Staff Residences

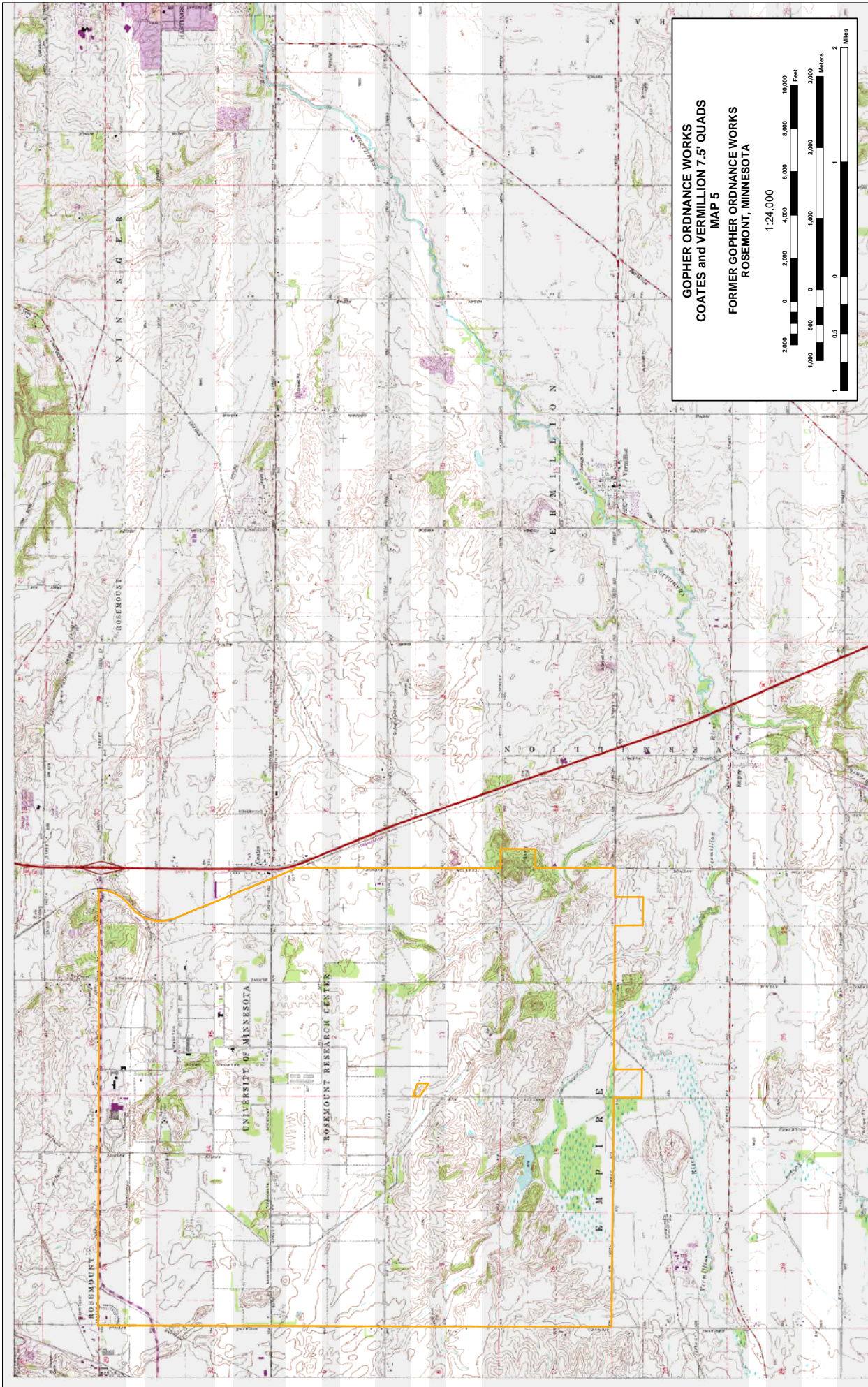
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Building Number	Title	Page Number of Building Plan
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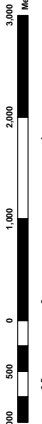
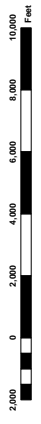
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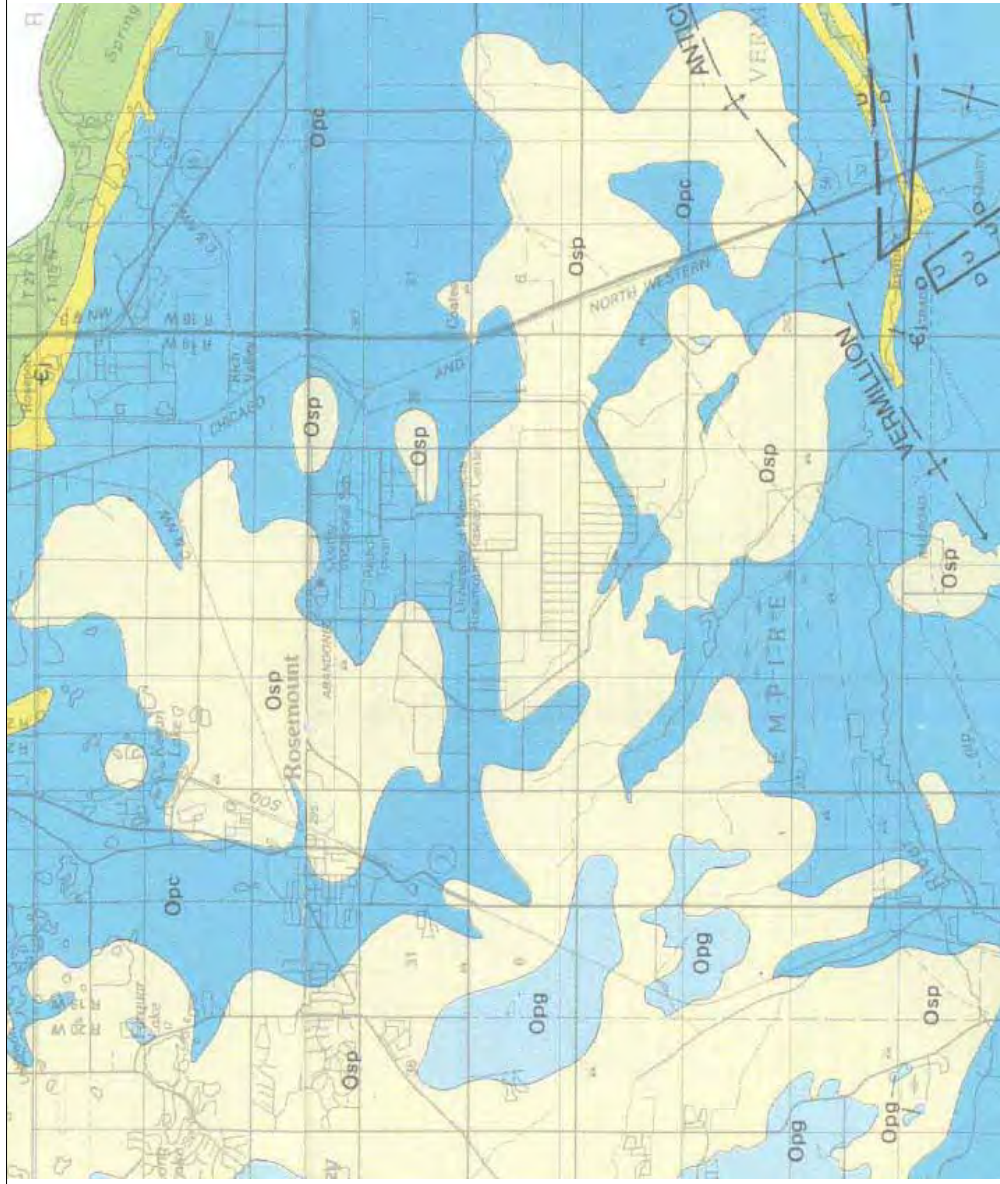
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25		" - "
	Plot Plan	430



**GOPHER ORDNANCE WORKS
COATES and VERMILLION 7.5' QUADS
MAP 5
FORMER GOPHER ORDNANCE WORKS
ROSEMONT, MINNESOTA**

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BEDROCK UNITS (bedrock map)

Opg PLATTVILLE and GLENWOOD FORMATIONS

Osp ST PETER SANDSTONE

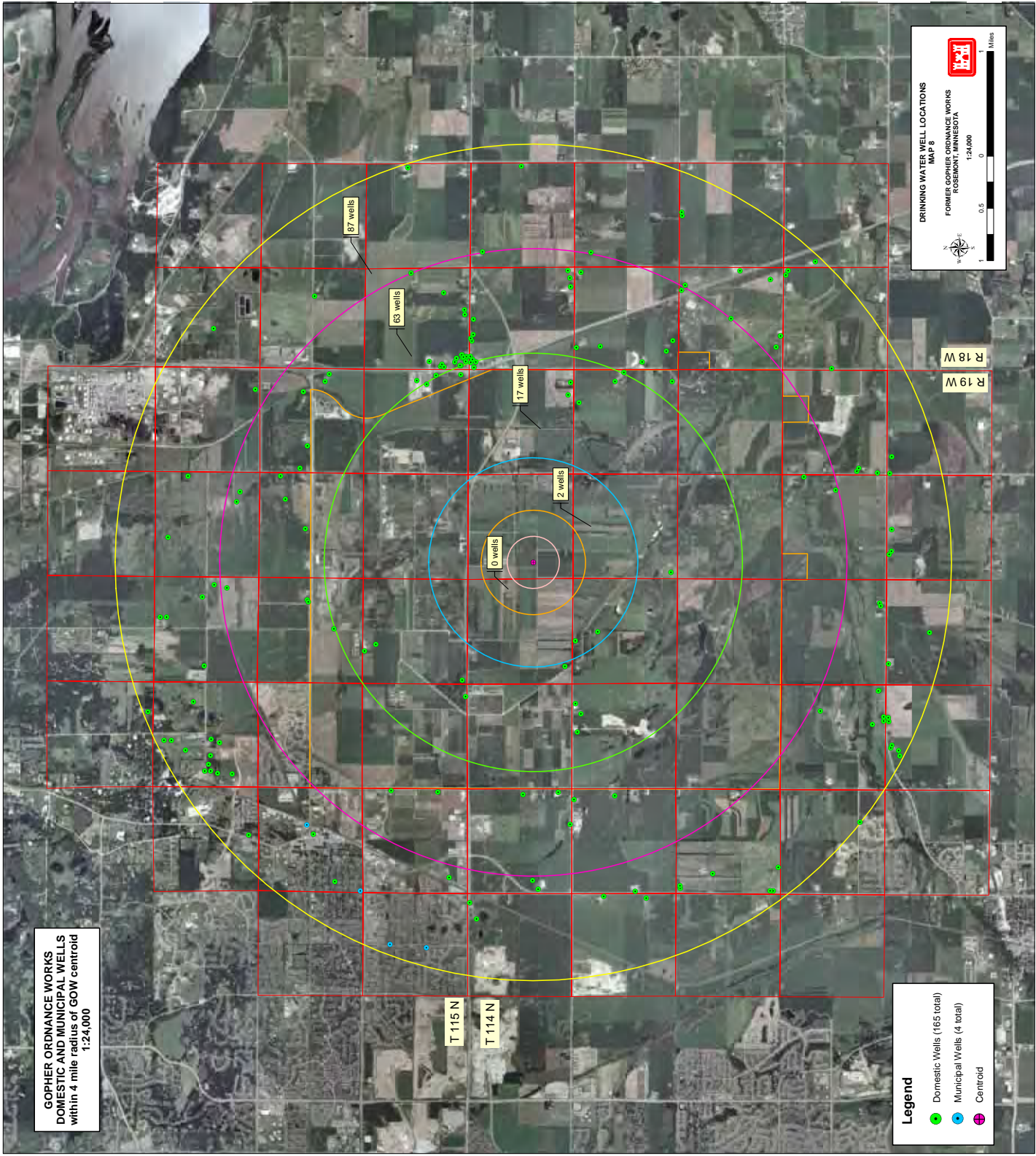
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⊕ JORDAN SANDSTONE

BEDROCK GEOLOGY
MAP 7

Former Gopher Ordnance Works
Rosemount, MN





**GOPHER ORDINANCE WORKS
DOMESTIC AND MUNICIPAL WELLS**
within 4 mile radius of GOW centroid
1:24,000

Legend

- Domestic Wells (165 total)
- Municipal Wells (4 total)
- Centroid

**DRINKING WATER WELL LOCATIONS
MAP 8**
FORMER GOPHER ORDINANCE WORKS
ROSEMONT, MINNESOTA

1:24,000

0 0.5 1 Miles

T 115 N
T 114 N

R 18 W
R 19 W

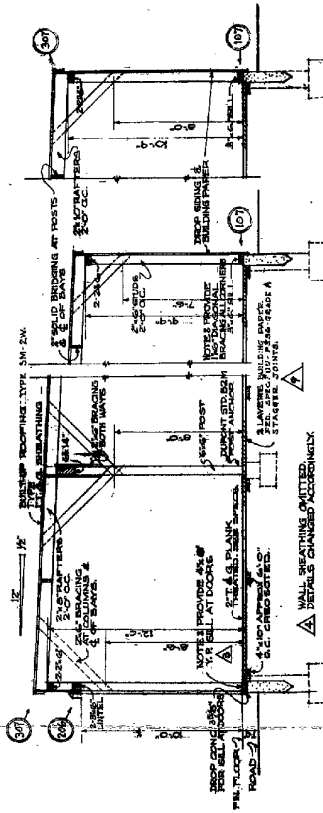
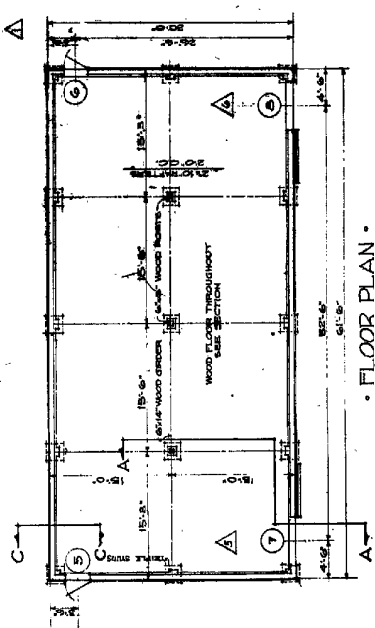
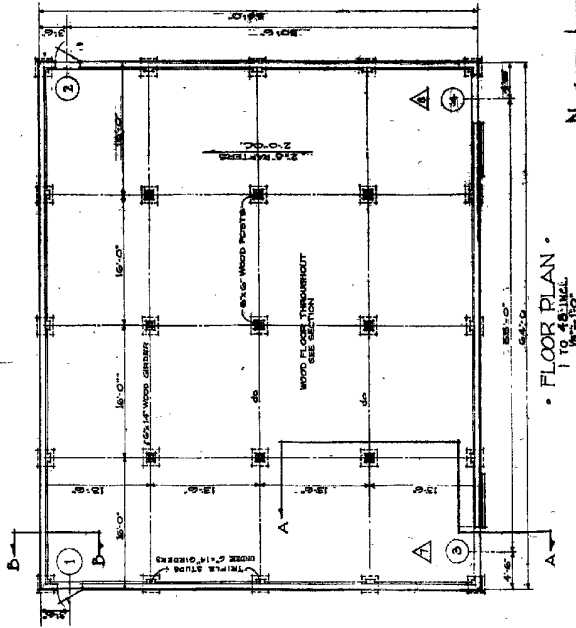
87 wells

63 wells

17 wells

2 wells

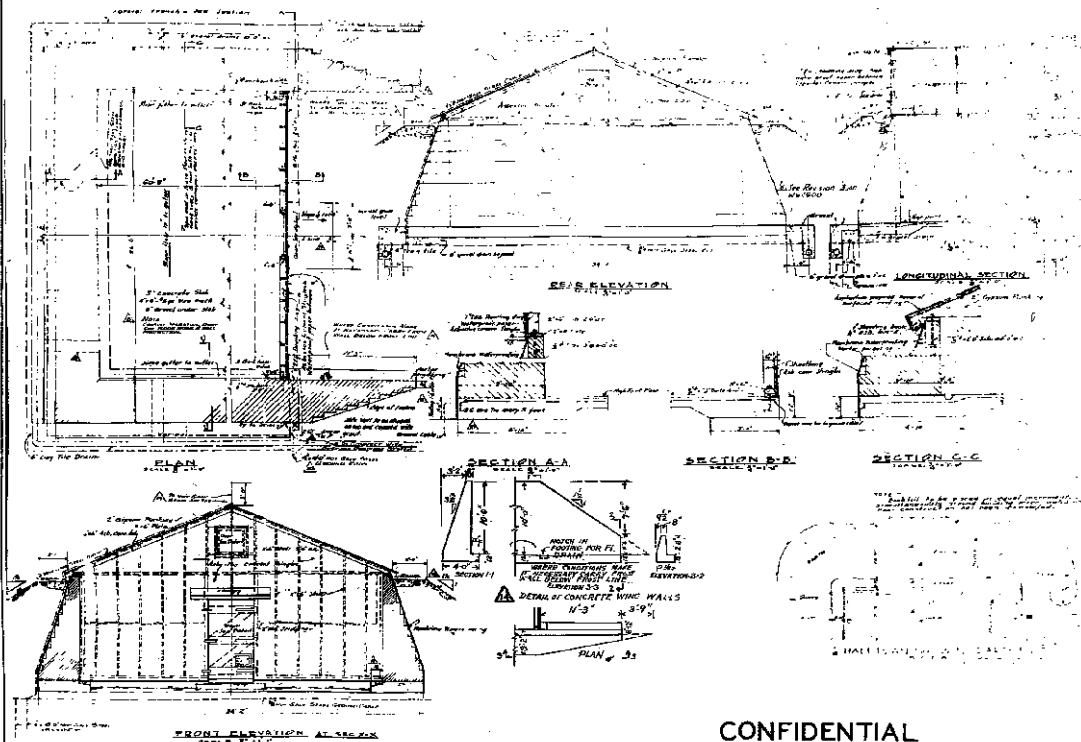
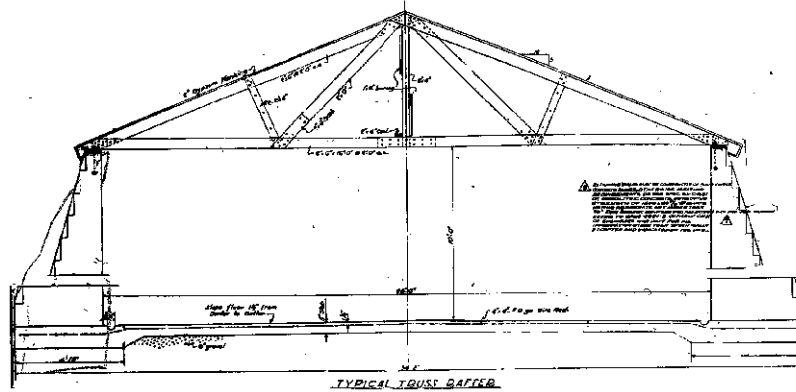
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STORAGE/SHIPPING BUILDING
DRAWING 1
FORMER GOPHER ORDNANCE WORKS
ROSEMONT, MN

CONFIDENTIAL

GOPHER ORDNANCE WORKS
ROSEMONT, MINNESOTA
BUILDING PLANS
PART - I SECTION 8
BLDG. NO. 2291 TO 96 INC.
PREPARED IN U.S. ENGINEER OFFICE
OMAHA, NEBRASKA



CONFIDENTIAL

GOPHER ORDNANCE WORKS
ROSEMOUNT MINNESOTA

BUILDING PLANS
PART I SECTION 8
BLDG. NO. 260

PREPARED IN U.S. ENGINEER OFFICE

OMAHA, NEBRASKA

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**BUILDING 260 (DNT IGLOO)
DRAWING 2
FORMER GOPHER ORDNANCE WORKS
ROSEMONT, MN**