
Store More
Store More

Building

Reforestation Plan

(Revised 11/25/2019)
Revised 12/16/2019)

Provides 1.60-acres of reforestation as mitigation for the impacts to mature woodland/grove and standalone significant tress.

NATURAL RESOURCE PLAN - SITE CAPACITY CALCULATIONS

DESCRIPTION	GROSS AREA (PRE-DEVELOPED AREA)	GROSS AREA (POST-DEVELOPED AREA)	PROTECTION %
REGULATORY FLOODPLAINS AND FLOOD PRONE AREAS	5.03 Acres	5.03 Acres	100%
WETLANDS	1.38 Acres	1.38 Acres	100%
NON-LINEAR WATER BODIES	0.00 Acres	0.00 Acres	100%
LINEAR WATER BODIES	0.00 Acres	0.00 Acres	100%
WETLAND AND WATER BODY BUFFERS	2.53 Acres	2.53 Acres	100%
MATURE WOODLANDS / GROVES	3.61 Acres	1.80 Acres	50%
YOUNG WOODLANDS	0.00 Acres	0.00 Acres	100%
SIGNIFICANT TREES	18	3	17%

NOTES:

1. OVERLAPPING RESOURCES HAVE NOT BEEN DOUBLE COUNTED IN ABOVE CALCULATIONS.
2. THE 18 SIGNIFICANT TREES WILL BE REMOVED WITH THE EXCEPTION OF TREES 87, 915 AND 916. THE REMOVAL OF THESE TREES CAN BE AUTHORIZED BY LCPBZ AND SITE CAPACITY CAN BE MAINTAINED.
3. THE MATURE WOODLAND PROTECTION PERCENTAGE CAN BE AUTHORIZED BY LCPBZ AND SITE CAPACITY CAN BE MAINTAINED, AS THE POPERTY OWNER IS REZONING TO GENERAL COMMERCIAL.

GROSS SITE AREA = 23.12 AC
BASE SITE AREA = 23.12 AC

TREE LEGEND

GROVE (0.24 Acres)

YOUNG WOODLAND (0.13 Acres)

MATURE WOODLAND (4.03 Acres)

NOTE:
ACREAGES DIFFER FROM SITE CAPACITY CALCULATIONS DUE TO OVERLAPPING RESOURCES.

SIGNIFICANT TREES

TAG #	TYPE	SIZE	CONDITION	
2	BUR OAK	26"	FAIR	TO BE REMOVED
7	SHAGBARK HICKORY	30.5"	POOR	TO BE REMOVED
18	CRACK WILLOW	24"	POOR	TO BE REMOVED
87	SILVER MAPLE	25"	FAIR	TO REMAIN
915	SILVER MAPLE	28"	FAIR	TO REMAIN
916	SILVER MAPLE	27"	GOOD	TO REMAIN
924	WHITE OAK	32"	POOR	TO BE REMOVED
925	WHITE OAK	29"	POOR	TO BE REMOVED
926	COTTONWOOD	24"	POOR	TO BE REMOVED
928	BLACK CHERRY	30"	FAIR	TO BE REMOVED
930	BUR OAK	26"	GOOD	TO BE REMOVED
931	SILVER MAPLE	44"	GOOD	TO BE REMOVED
932	SILVER MAPLE	29"	GOOD	TO BE REMOVED
933	SILVER MAPLE	40"	FAIR	TO BE REMOVED
934	SILVER MAPLE	46"	FAIR	TO BE REMOVED
935	SILVER MAPLE	28"	FAIR	TO BE REMOVED
936	SILVER MAPLE	42"	FAIR	TO BE REMOVED
937	SILVER MAPLE	39"	FAIR	TO BE REMOVED

Reforestation Plant Index

Quan	BOTANICAL NAME	COMMON NAME	SIZE
3	Acer saccharinum	Sugar Maple	3"
15	Acer saccharinum	Sugar Maple	1.5"
2	Tilia americana	American Linden	3"
9	Tilia americana	American Linden	1.5"
10	Quercus bicolor	SwampWhite Oak	1.5"
7	Quercus macrocarpa	Bur Oak	1.5"
4	Quercus rubra	Red Oak	3"
16	Quercus rubra	Red Oak	1.5"
3	Cersis canadensis	Eastern Redbud	3"
18	Cersis canadensis	Eastern Redbud	1.5"
3	Pinus strobus	White Pine	3"

REFORESTATION PLAN
PREPARED UNDER THE DIRECTION OF:

R.W. HENDRICKSEN TREE CARE
Solutions to healthy trees since 1964

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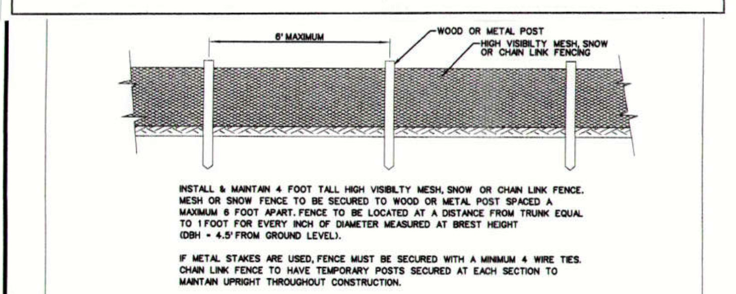
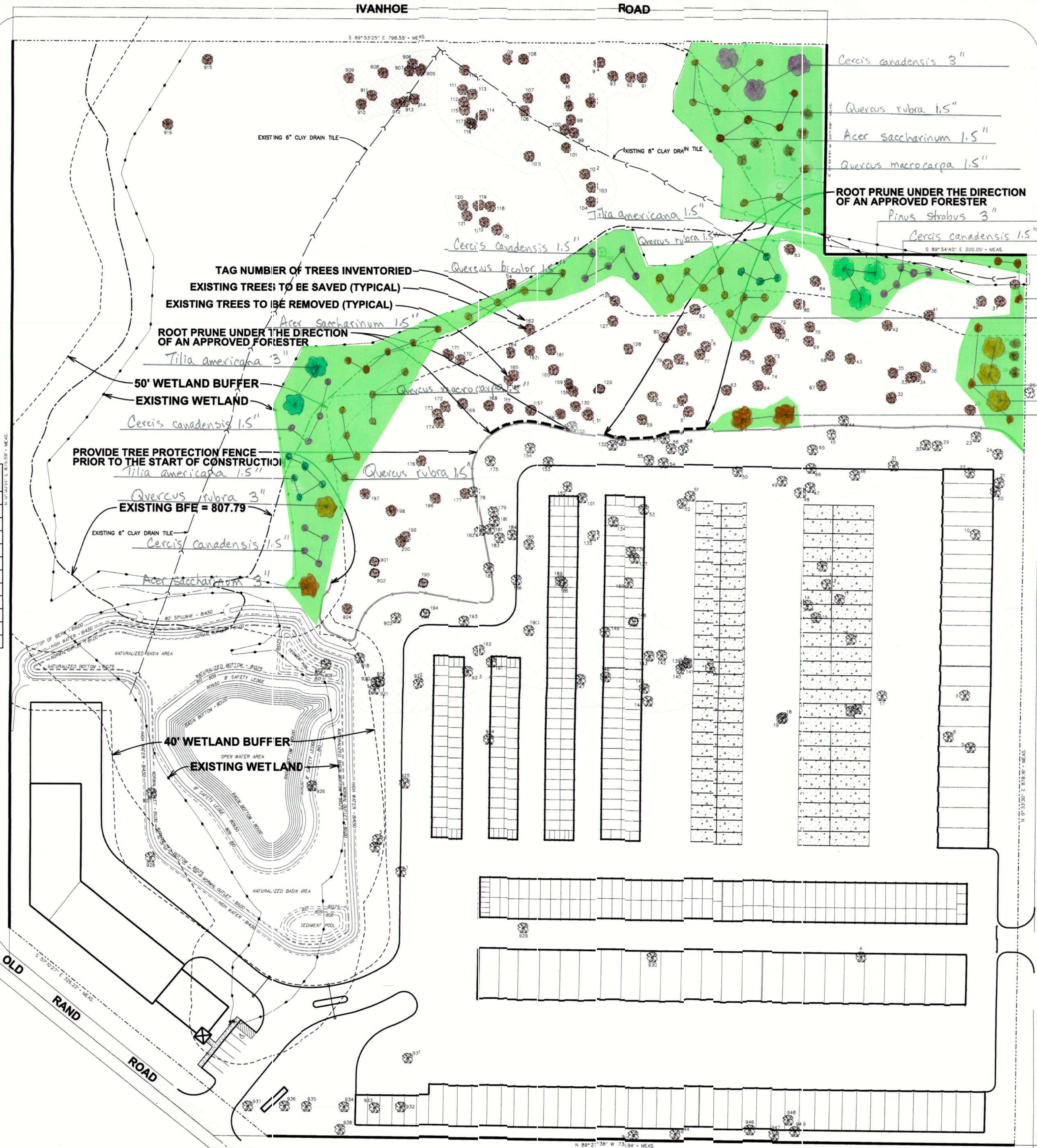


TREE PROTECTION DETAIL



TREE INVENTORY

Tag #	Scientific Name	Common Name	DBH Stems	Total DBH	Condition
1	Quercus macrocarpa	bur oak	14	14	fair
2	Quercus macrocarpa	bur oak	26	26	fair
3	Quercus macrocarpa	bur oak	12	12	fair
4	Carya ovata	shagbark hickory	14	14	fair
5	Juglans nigra	black walnut	16	16	good
6	Prunus serotina	black cherry	13	13	poor
7	Carya ovata	shagbark hickory	17,13.5	30.5	poor
8	Carya ovata	shagbark hickory	14	14	poor
9	Prunus serotina	black cherry	12	12	poor
10	Juglans nigra	black walnut	21	21	good
11	Carya ovata	shagbark hickory	21	21	good
12	Carya ovata	shagbark hickory	14	14	fair
13	Carya ovata	shagbark hickory	27,9	36	fair
14	Carya ovata	shagbark hickory	18	18	fair
15	Carya ovata	shagbark hickory	20	20	fair
16	Carya ovata	shagbark hickory	21	21	good
17	Quercus macrocarpa	bur oak	23,23	46	poor
18	Salix fragilis	crack willow	24	24	poor
19	Populus deltoides	cottonwood	21	21	fair
20	Quercus rubra	red oak	17	17	good
21	Quercus rubra	red oak	12	12	good
22	Quercus alba	white oak	22	22	poor
23	Quercus rubra	red oak	12	12	good
24	Quercus rubra	red oak	12	12	fair
25	Juglans nigra	black walnut	12	12	poor
26	Juglans nigra	black walnut	17	17	good
27	Juglans nigra	black walnut	12	12	poor
28	Quercus rubra	red oak	12	12	fair
29	Quercus bicolor	swamp white oak	21	21	poor
30	Quercus alba	white oak	31	31	poor
31	Carya ovata	shagbark hickory	15	15	good
32	Carya ovata	shagbark hickory	20	20	good
33	Quercus rubra	red oak	42	42	poor
34	Quercus alba	white oak	26	26	fair
35	Quercus macrocarpa	bur oak	28	28	poor
36	Quercus alba	white oak	24	24	poor
37	Juglans nigra	black walnut	12	12	fair
38	Acer saccharinum	silver maple	12	12	poor
39	Juglans nigra	black walnut	12	12	fair
40	Juglans nigra	black walnut	12	12	fair
41	Quercus macrocarpa	bur oak	39	39	poor
42	Prunus serotina	black cherry	12	12	poor
43	Quercus alba	white oak	33	33	poor
44	Quercus alba	white oak	42	42	poor
45	Prunus serotina	black cherry	12	12	fair
46	Quercus bicolor	swamp white oak	16	16	poor
47	Juglans nigra	black walnut	12	12	fair
48	Quercus rubra	red oak	18	18	dead
49	Quercus rubra	red oak	18	18	dead
50	Carya ovata	shagbark hickory	13	13	good
51	Acer saccharinum	silver maple	15	15	good
52	Acer saccharinum	silver maple	19	19	good
53	Acer saccharinum	silver maple	28	28	fair
54	Prunus serotina	black cherry	13.5,8	21.5	poor
55	Juglans nigra	black walnut	15	15	fair
56	Quercus rubra	red oak	14	14	fair
57	Quercus rubra	red oak	17	17	fair
58	Quercus rubra	red oak	19	19	fair
59	Quercus alba	white oak	39	39	poor
60	Prunus serotina	black cherry	16	16	poor
61	Quercus rubra	red oak	24	24	fair
62	Carya ovata	shagbark hickory	12	12	fair
63	Carya ovata	shagbark hickory	15	15	good
64	Prunus serotina	black cherry	22	22	poor
65	Carya ovata	shagbark hickory	16.5	16.5	good
66	Ulmus americana	American elm	14	14	poor
67	Prunus serotina	black cherry	12	12	poor
68	Quercus macrocarpa	bur oak	34	34	poor
69	Carya ovata	shagbark hickory	21	21	good
70	Carya ovata	shagbark hickory	12	12	good
71	Prunus serotina	black cherry	12	12	poor
72	Carya ovata	shagbark hickory	15	15	good
73	Carya ovata	shagbark hickory	12	12	good
74	Prunus serotina	black cherry	15	15	poor
75	Prunus serotina	black cherry	12	12	poor
76	Prunus serotina	black cherry	18	18	poor
77	Quercus alba	white oak	27	27	poor
78	Prunus serotina	black cherry	15	15	poor
79	Prunus serotina	black cherry	19	19	poor
80	Prunus serotina	black cherry	12	12	poor
81	Prunus serotina	black cherry	14.5	14.5	poor
82	Carya ovata	shagbark hickory	12.5	12.5	good
83	Prunus serotina	black cherry	12	12	poor
84	Carya cordiformis	bitterbut hickory	13.5	13.5	good
85	Prunus serotina	black cherry	13	13	poor
86	Acer saccharinum	silver maple	15	15	fair
87	Acer saccharinum	silver maple	17,8	25	fair
88	Prunus serotina	black cherry	14.5	14.5	poor
89	Prunus serotina	black cherry	14	14	poor
90	Acer saccharinum	silver maple	21	21	good
91	Acer saccharinum	silver maple	13	13	fair
92	Acer saccharinum	silver maple	18	18	good
93	Acer saccharinum	silver maple	17,7	24	fair
94	Acer saccharinum	silver maple	17,11	28	poor
95	Acer saccharinum	silver maple	12.5	12.5	fair
96	Acer saccharinum	silver maple	13,12,10	35	fair
97	Acer saccharinum	silver maple	36,14,12,13	75	fair
98	Acer saccharinum	silver maple	11,12,11	34	fair
99	Acer saccharinum	silver maple	16	16	fair
100	Acer saccharinum	silver maple	13,8	21	fair
101	Acer saccharinum	silver maple	12,6	18	poor
102	Acer saccharinum	silver maple	16	16	fair
103	Acer saccharinum	silver maple	21,9	30	fair
104	Acer saccharinum	silver maple	14	14	fair
105	Acer saccharinum	silver maple	17	17	fair
106	Acer saccharinum	silver maple	15	15	fair
107	Acer saccharinum	silver maple	14,9	23	fair
108	Acer saccharinum	silver maple	16,12,9,9,9	55	poor
109	Acer saccharinum	silver maple	27,20,18,9,7	81	poor
110	Acer saccharinum	silver maple	22,8	30	poor
111	Acer saccharinum	silver maple	14,6	20	poor
112	Acer saccharinum	silver maple	10,8,9	27	poor
113	Acer saccharinum	silver maple	27	27	fair
114	Acer saccharinum	silver maple	13,12,15,10	50	poor
115	Acer saccharinum	silver maple	15	15	fair
116	Acer saccharinum	silver maple	16,10,7,18,6	57	fair
117	Acer saccharinum	silver maple	16,5,10,4,12,4,14,11	76	fair
118	Acer saccharinum	silver maple	12	12	fair
119	Acer saccharinum	silver maple	17,14,5	36	fair
120	Acer saccharinum	silver maple	18	18	good
121	Acer saccharinum	silver maple	12,6	18	fair
122	Acer saccharinum	silver maple	12,12,4	28	fair
123	Acer saccharinum	silver maple	22,17,15,7,11,5,14	91	fair
124	Acer saccharinum	silver maple	12	12	fair
125	Ulmus americana	American elm	21	21	poor
126	Populus deltoides	cottonwood	25	25	fair
127	Prunus serotina	black cherry	16	16	poor
128	Quercus macrocarpa	bur oak	43	43	poor
129	Pinus strobus	white pine	19	19	poor
130	Quercus rubra	red oak	21	21	poor
131	Quercus rubra	red oak	19	19	poor
132	Quercus rubra	red oak	17	17	poor
133	Quercus rubra	red oak	26	26	fair
134	Quercus rubra	red oak	31	31	fair
135	Quercus rubra	red oak	30	30	fair
136	Quercus rubra	red oak	17	17	good
137	Quercus rubra	red oak	13	13	fair
138	Quercus rubra	red oak	24	24	fair
139	Pinus strobus	white pine	17	17	poor
140	Pinus strobus	white pine	14	14	poor
141	Quercus rubra	red oak	24	24	fair
142	Quercus rubra	red oak	22	22	fair
143	Quercus rubra	red oak	24	24	fair
144	Carya ovata	shagbark hickory	12	12	good
145	Prunus serotina	black cherry	14	14	dead
146	Quercus macrocarpa	bur oak	29	29	fair
147	Quercus macrocarpa	bur oak	27	27	fair
148	Juniperus virginiana	eastern red cedar	12.5	12.5	fair
149	Carya ovata	shagbark hickory	18	18	poor
150	Quercus rubra	red oak	29	29	poor
151	Quercus rubra	red oak	26	26	fair
152	Quercus rubra	red oak	32	32	fair
153	Quercus alba	white oak	24	24	fair
154	Quercus rubra	red oak	36	36	poor
155	Quercus rubra	red oak	21	21	fair
156	Quercus rubra	red oak	20	20	poor
157	Quercus rubra	red oak	29	29	fair
158	Quercus alba	white oak	14	14	poor
159	Quercus rubra	red oak	17	17	poor
160	Prunus serotina	black cherry	12	12	poor
161	Quercus macrocarpa	bur oak	38	38	poor
162	Quercus rubra	red oak	30	30	fair
163	Quercus rubra	red oak	25	25	fair
164	Prunus serotina	black cherry	14	14	poor
165	Quercus rubra	red oak	22	22	fair
166	Prunus serotina	black cherry	18	18	poor
167	Quercus rubra	red oak	16	16	poor
168	Quercus alba	white oak	29	29	fair
169	Quercus alba	white oak	28	28	fair
170	Quercus rubra	red oak	30	30	fair
171	Quercus rubra	red oak	18	18	fair
172	Acer saccharinum	silver maple	12	12	fair
173	Quercus macrocarpa	bur oak	37	37	fair
174	Quercus macrocarpa	bur oak	25,26	51	fair
175	Pinus strobus	white pine	19	19	poor
176	Carya ovata	shagbark hickory	25	25	good
177	Pinus resinosa	redpine	12	12	poor
178	Pinus resinosa	red pine	12	12	poor
179	Quercus rubra	red oak	19	19	fair
180	Quercus rubra	red oak	12	12	poor
181	Quercus rubra	red oak	14	14	fair
182	Quercus rubra	red oak	12	12	good
183	Quercus rubra	red oak	16	16	fair
184	Quercus rubra	red oak	20	20	fair
185	Quercus rubra	red oak	15	15	good
186	Quercus alba	white oak	28	28	poor
187	Quercus alba	white oak	34	34	fair
188	Prunus serotina	black cherry	13	13	fair
189	Quercus rubra	red oak	14	14	fair
190	Quercus alba	white oak	32	32	fair
191	Prunus serotina	black cherry	12	12	fair
192	Populus deltoides	cottonwood	25	25	fair
193	Quercus rubra	red oak	16	16	fair
194	Pinus strobus	white pine	13	13	poor
195	Pinus strobus	white pine	15	15	poor
196	Prunus serotina	black cherry	12	12	poor
197	Juglans nigra	black walnut	16	16	good
198	Quercus rubra	red oak	42	42	poor
199	Quercus rubra	red oak	25	25	fair
200	Carya ovata	shagbark hickory	22	22	poor
901	Pinus strobus	white pine	20	20	fair
902	Pinus strobus	white pine	18	18	poor
903	Quercus macrocarpa	bur oak	30	30	fair
904	Quercus macrocarpa	bur oak	26,25	51	fair
905	Acer saccharinum	silver maple	12,5,5	22	fair
906	Acer saccharinum	silver maple	13	13	fair
907	Acer saccharinum	silver maple	12	12	poor
908	Acer saccharinum	silver maple	13	13	poor
909	Acer saccharinum	silver maple	15,13,11,10	49	fair
910	Acer saccharinum	silver maple	17	17	fair
911	Acer saccharinum	silver maple	12,9	21	fair
912	Acer saccharinum	silver maple	13	13	fair
913	Acer saccharinum	silver maple	14	14	fair
914	Acer saccharinum	silver maple	12	12	fair
915	Acer saccharinum	silver maple	28	28	fair
916	Acer saccharinum	silver maple	27	27	good
917	Prunus serotina	black cherry	12	12	poor
918	Quercus rubra	red oak	18	18	dead
919	Quercus rubra	red oak	23	23	fair
920	Quercus rubra	red oak	24	24	fair
921	Quercus rubra	red oak	23	23	poor
922	Quercus rubra	red oak	28	28	fair
923	Quercus rubra	red oak	22	22	fair
924	Quercus alba	white oak	32	32	poor
925	Quercus alba	white oak	29	29	poor
926	Populus deltoides	cottonwood	24	24	poor
927	Prunus serotina	black cherry	16	16	poor
928	Prunus serotina	black cherry	30	30	fair
929	Carya ovata	shagbark hickory	17	17	good
930	Quercus macrocarpa	bur oak	26	26	good
931	Acer saccharinum	silver maple	13,13,8,6,4	44	good
932	Acer saccharinum	silver maple	29	29	good
933	Acer saccharinum	silver maple	14,13,13	40	fair
934	Acer saccharinum	silver maple	15,10,12,9	46	fair
935	Acer saccharinum	silver maple	17,11	28	fair
936	Acer saccharinum	silver maple	16,12,10,4	42	fair
937	Acer saccharinum	silver maple	15,12,12	39	fair
938	Acer saccharinum	silver maple	14,8,4	26	fair
941	Quercus rubra	red oak	23	23	fair
944	Quercus rubra	red oak	12	12	fair
946	Quercus macrocarpa	bur oak	36	36	poor
947	Quercus macrocarpa	bur oak	12	12	dead
948	Quercus rubra	red oak	13	13	good
949	Quercus macrocarpa	bur oak	12	12	fair

NORTH
SCALE: 1" = 60'

WAUCONDA, ILLINOIS

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STORE MORE

DESIGNED BY: R.A.A.
DRAWN BY: R.C.J.
CHECKED BY: A.K.Z.
ORIGINAL ISSUE: 03/08/19

DATE	BY	DESCRIPTION
05/21/19	AKZ	REVISED PER COUNTY REVIEW COMMENTS
10/14/19	AKZ	REVISED PER COUNTY REVIEW COMMENTS

REVISIONS

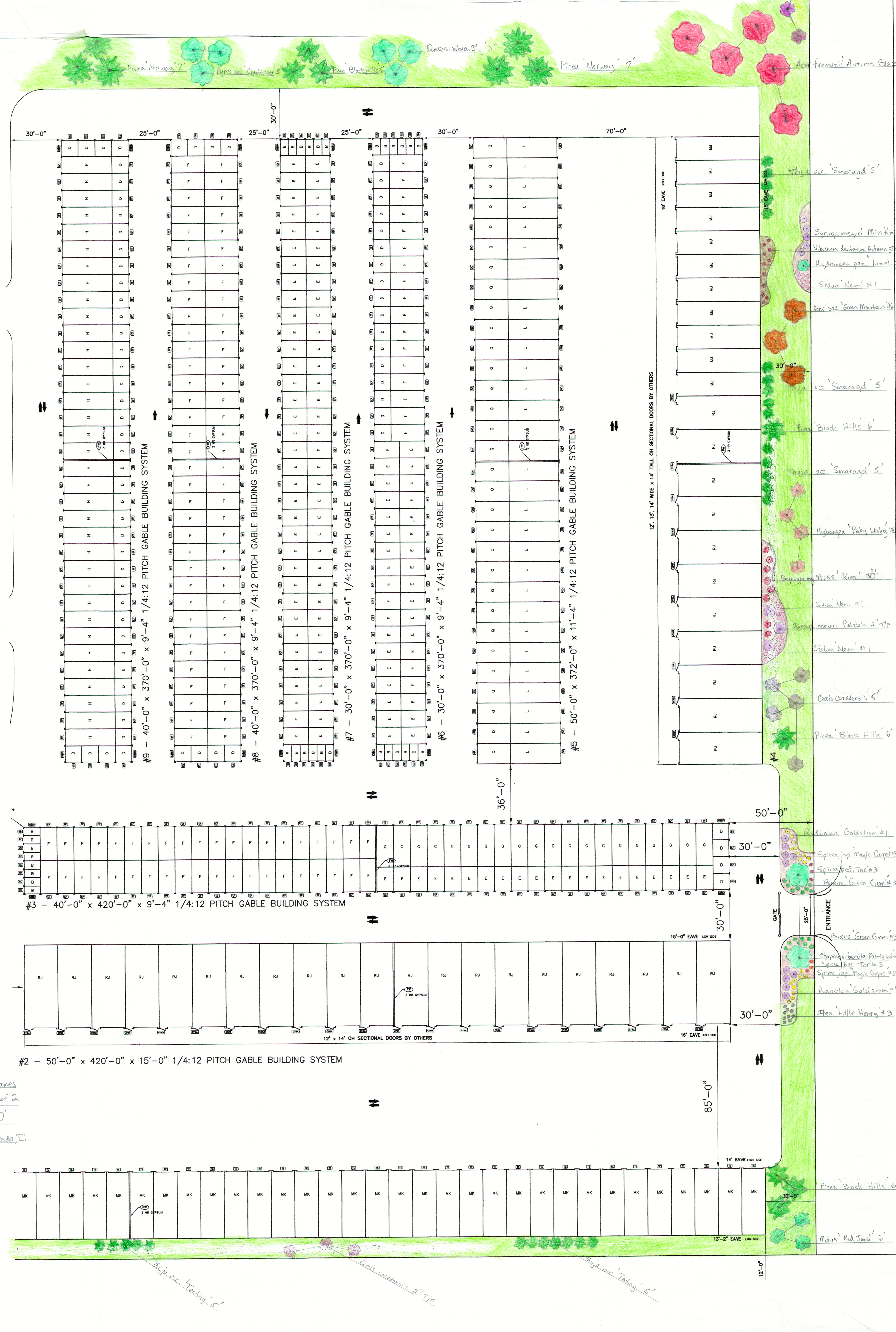
NATURAL RESOURCE PLAN

SHEET NUMBER
4
OF 11 SHEETS

JOB No. 1884

PLANT INDEX

Quan	BOTANICAL NAME	COMMON NAME	SIZE
12	Thuja 'Techny'	Techny Arborvitae	5'
6	Picea 'Norway'	Norway Spruce	7'
5	Acer freemanii 'Autumn Blaze'	Autumn Blaze Maple	3"
1	Hydrangea pan. 'Limelight'	Limelight Hydrangea	1-1/2" T.F.
8	Picea 'Black Hills'	Black Hills Spruce	6'
10	Spiraea jap. 'Magic Carpet'	Magic Carpet Spirea	#3 gal.
19	Rudbeckia ful. 'Goldstrum'	Black Eyed Susan	#1 gal.
3	Syringa meyeri 'Palibin'	Dwarf Korean Lilac	2" T.F.
5	Syringa pat. 'Miss Kim'	Miss Kim Lilac	24"
8	Euonymous alatus compactum	Dwarf Burning Bush	#5 gal.
5	Pyrus cal. 'Chanticleer'	Chanticleer Pear	3"
23	Sedum 'Neon'	Neon Sedum	#1 gal.
3	Cersis canadensis	Eastern Redbud	2" T.F.
16	Buxus 'Green Gem'	Green Gem Boxwood	#3 gal.
15	Thuja occ. 'Smaragd'	Emerald Green Arborvitae	5'
3	Malus 'Red Jewel'	Red Jewel Crabapple	6'
6	Spirea bet. 'Tor'	Birchleaf spirea	#3
5	Cersis canadensis	Eastern Redbud	5'
4	Hydrangea pan. 'Pinky Winky'	Pinky Winky Hydrangea	1-1/2" T.F.
3	Acer sac. 'Green Mountain'	Green Mountain Sugar Maple	2.5"
11	Viburnum dentatum 'Autumn Jazz'	Autumn Jazz Viburnum	3'
3	Quercus rubra	Red Oak	2.5"



Store More 365 - Tim James
Landscape Master Plan - 2 of 2
East Side 1" = 20'
2525 W. Old Rand Rd. Wauconda, Il.

Originals
Landscape Design (p.1+2)
Wetland Basin Planting
3/8/19

PLANT INDEX

Page 1

Quan	BOTANICAL NAME	COMMON NAME	SIZE
25	Thuja occ. 'Techny'	Techny Aborvitae	5'
6	Picea 'Norway'	Norway Spruce	7'
9	Acer Freemanii 'Autumn Blaze'	Autumn Blaze Maple	3"
3	Cercis canadensis 'Appalachian Red'	Appalachian Red Redbud	2"
10	Salvia nem. 'Caradonna'	Caradonna Salvia	#1 gal
20	Rosa rad. 'Double Knock Out'	Double Knock Out Rose	#3 gal.
4	Magnolia stellata 'Royal Star'	Royal Star Magnolia	5'
32	Sedum 'Neon'	Neon Sedum	#1 gal.
6	Hydrangea pan. 'Little Quick Fire'	Little Quick Fire Hydrangea	#5 gal.
4	Campsis radicans 'Indian Summer'	Indian Summer Honeysuckle	1-1/2" T.F.
125	Flowering annuals	Flowering Annuals	4 1/2" pot
22	Buxus 'Green Velvet'	Green Velvet Boxwood	#3 gal.
1	Hydrangea pan. 'Limelight'	Limelight Hydrangea	1-1/2" T.F.
3	Picea 'Black Hills'	Black Hills Spruce	6'
16	Cersis canadensis	Eastern Redbud	6' M/S
2	Hydrangea pan. 'Pinky Winky'	Pinky Winky Hydrangea	1-1/2" T.F.
7	Spiraea jap. 'Magic Carpet'	Magic Carpet Spirea	#3 gal.
9	Pennisetum al. 'Dwarf Hameln'	Hemelin Fountain Grass	#1 gal.
14	Rudbeckia ful. 'Goldsturm'	Black Eyed Susan	#1 gal.
4	Syringa meyeri 'Palibin'	Dwarf Korean Lilac	2" T.F.
18	Leucanthemum 'Alaska'	Shasta Daisy	#1 gal.
12	Syringa pat. 'Miss Kim'	Miss Kim Lilac	24"
2	Malus 'Royal Raindrops'	Royal Raindrops Crabapple	7' M/S
6	Itea vurginica 'Little Henry'	Little Henry Sweetspire	#3 gal.
3	Taxodium distichum	Bald Cypress	3"
3	Malus 'Red Jewel'	Red Jewel Crabapple	6' M/S
21	Perovskia 'Little Spire'	Little Spire Russian Sage	#1 gal.
24	Dianthus 'Firewitch'	Firewitch Dianthus	#1 gal.
2	Malus 'Purple Prince'	Purple Prince Crabapple	6' M/S
6	Viburnum prunifolium	Blackhaw Viburnum	5' M/S
8	Amelanchier 'Autumn Brilliance'	Autumn Brilliance Serviceberry	6' M/S
16	Viburnum dentatum 'Autumn Jazz'	Autumn Jazz Vinurnum	3'
4	Acer sac. 'Green Mountain'	Green Mountain Sugar Maple	2.5"
10	Hydrangea pan. 'Little Lime'	Little Lime Hydrangea	#5
7	Buxus 'Green Mountain'	Green Mountain Boxwood	24"
8	Hydrangea 'Limelight'	Limelight Hydrangea	#5
3	Tilia cordata	Greenspire Linden	2.5"
6	Thuja occ. 'Smaragd'	Emerald Green Arborvitae	5'

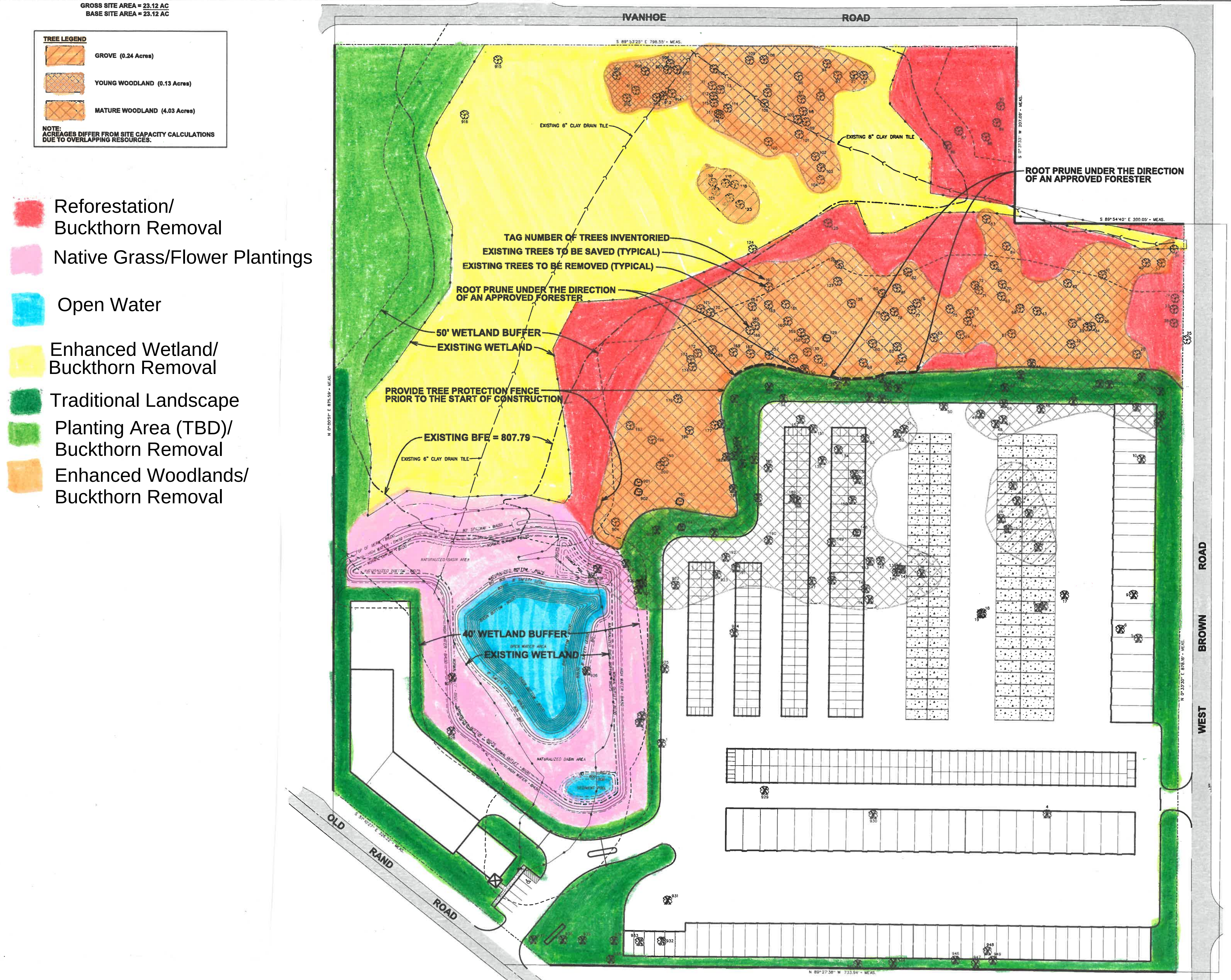
NATURAL RESOURCE PLAN - SITE CAPACITY CALCULATIONS

DESCRIPTION	GROSS AREA (PRE-DEVELOPED AREA)	GROSS AREA (POST-DEVELOPED AREA)	PROTECTION %
REGULATORY FLOODPLAINS AND FLOOD PRONE AREAS	5.03 Acres	5.03 Acres	100%
WETLANDS	1.38 Acres	1.38 Acres	100%
NON-LINEAR WATER BODIES	0.00 Acres	0.00 Acres	100%
LINEAR WATER BODIES	0.00 Acres	0.00 Acres	100%
WETLAND AND WATER BODY BUFFERS	2.53 Acres	2.53 Acres	100%
MATURE WOODLANDS / GROVES	3.61 Acres	1.80 Acres	50%
YOUNG WOODLANDS	0.00 Acres	0.00 Acres	100%
SIGNIFICANT TREES	18	3	17%

NOTES:

1. OVERLAPPING RESOURCES HAVE NOT BEEN DOUBLE COUNTED IN ABOVE CALCULATIONS.
2. THE 18 SIGNIFICANT TREES WILL BE REMOVED WITH THE EXCEPTION OF TREES 87, 915 AND 916. THE REMOVAL OF THESE TREES CAN BE AUTHORIZED BY LCPBZ AND SITE CAPACITY CAN BE MAINTAINED.
3. THE MATURE WOODLAND PROTECTION PERCENTAGE CAN BE AUTHORIZED BY LCPBZ AND SITE CAPACITY CAN BE MAINTAINED, AS THE POPERTY OWNER IS REZONING TO GENERAL COMMERCIAL.

GROSS SITE AREA = 23.12 AC
BASE SITE AREA = 23.12 AC



TREE INVENTORY

Tag #	Scientific Name	Common Name	DBH Stems	Total DBH	Condition
1	Quercus macrocarpa	bur oak	14	14	fair
2	Quercus macrocarpa	bur oak	26	26	fair
3	Quercus macrocarpa	bur oak	12	12	fair
4	Carya ovata	shagbark hickory	14	14	fair
5	Juglans nigra	black walnut	16	16	good
6	Prunus serotina	black cherry	13	13	poor
7	Carya ovata	shagbark hickory	17,13.5	30.5	poor
8	Carya ovata	shagbark hickory	14	14	poor
9	Prunus serotina	black cherry	12	12	poor
10	Juglans nigra	black walnut	21	21	good
11	Carya ovata	shagbark hickory	21	21	good
12	Carya ovata	shagbark hickory	14	14	fair
13	Carya ovata	shagbark hickory	27,9	36	fair
14	Carya ovata	shagbark hickory	18	18	fair
15	Carya ovata	shagbark hickory	20	20	fair
16	Carya ovata	shagbark hickory	21	21	good
17	Quercus macrocarpa	bur oak	23,23	46	poor
18	Salix fragilis	crack willow	24	24	poor
19	Populus deltoides	cottonwood	21	21	fair
20	Quercus rubra	red oak	17	17	good
21	Quercus rubra	red oak	12	12	good
22	Quercus alba	white oak	22	22	poor
23	Quercus rubra	red oak	12	12	good
24	Quercus rubra	red oak	12	12	fair
25	Juglans nigra	black walnut	12	12	poor
26	Juglans nigra	black walnut	17	17	good
27	Juglans nigra	black walnut	12	12	poor
28	Quercus rubra	red oak	12	12	fair
29	Quercus bicolor	swamp white oak	21	21	poor
30	Quercus alba	white oak	31	31	poor
31	Carya ovata	shagbark hickory	15	15	good
32	Carya ovata	shagbark hickory	20	20	good
33	Quercus rubra	red oak	42	42	poor
34	Quercus alba	white oak	26	26	fair
35	Quercus macrocarpa	bur oak	28	28	poor
36	Quercus alba	white oak	24	24	poor
37	Juglans nigra	black walnut	12	12	fair
38	Acer saccharinum	silver maple	12	12	poor
39	Juglans nigra	black walnut	12	12	fair
40	Juglans nigra	black walnut	12	12	fair
41	Quercus macrocarpa	bur oak	39	39	poor
42	Prunus serotina	black cherry	12	12	poor
43	Quercus alba	white oak	33	33	poor
44	Quercus alba	white oak	42	42	poor
45	Prunus serotina	black cherry	12	12	fair
46	Quercus bicolor	swamp white oak	16	16	poor
47	Juglans nigra	black walnut	12	12	fair
48	Quercus rubra	red oak	18	18	dead
49	Quercus rubra	red oak	18	18	dead
50	Carya ovata	shagbark hickory	13	13	good
51	Acer saccharinum	silver maple	15	15	good
52	Acer saccharinum	silver maple	19	19	good
53	Acer saccharinum	silver maple	28	28	fair
54	Prunus serotina	black cherry	13.5,8	21.5	poor
55	Juglans nigra	black walnut	15	15	fair
56	Quercus rubra	red oak	14	14	fair
57	Quercus rubra	red oak	17	17	fair
58	Quercus rubra	red oak	19	19	fair
59	Quercus alba	white oak	39	39	poor
60	Prunus serotina	black cherry	16	16	poor
61	Quercus rubra	red oak	24	24	fair
62	Carya ovata	shagbark hickory	12	12	fair
63	Carya ovata	shagbark hickory	15	15	good
64	Prunus serotina	black cherry	22	22	poor
65	Carya ovata	shagbark hickory	16.5	16.5	good
66	Ulmus americana	American elm	14	14	poor
67	Prunus serotina	black cherry	12	12	poor
68	Quercus macrocarpa	bur oak	34	34	poor
69	Carya ovata	shagbark hickory	21	21	good
70	Carya ovata	shagbark hickory	12	12	good
71	Prunus serotina	black cherry	12	12	poor
72	Carya ovata	shagbark hickory	15	15	good
73	Carya ovata	shagbark hickory	12	12	good
74	Prunus serotina	black cherry	15	15	poor
75	Prunus serotina	black cherry	12	12	poor
76	Prunus serotina	black cherry	18	18	poor
77	Quercus alba	white oak	27	27	poor
78	Prunus serotina	black cherry	15	15	poor
79	Prunus serotina	black cherry	19	19	poor
80	Prunus serotina	black cherry	12	12	poor
81	Prunus serotina	black cherry	14.5	14.5	poor
82	Carya ovata	shagbark hickory	12.5	12.5	good
83	Prunus serotina	black cherry	12	12	poor
84	Carya cordiformis	bitternut hickory	13.5	13.5	good
85	Prunus serotina	black cherry	13	13	poor
86	Acer saccharinum	silver maple	15	15	fair
87	Acer saccharinum	silver maple	17,8	25	fair
88	Prunus serotina	black cherry	14.5	14.5	poor
89	Prunus serotina	black cherry	14	14	poor
90	Acer saccharinum	silver maple	21	21	good
91	Acer saccharinum	silver maple	13	13	fair
92	Acer saccharinum	silver maple	18	18	good
93	Acer saccharinum	silver maple	17,7	24	fair
94	Acer saccharinum	silver maple	17,11	28	poor
95	Acer saccharinum	silver maple	12.5	12.5	fair
96	Acer saccharinum	silver maple	13,12,10	35	fair
97	Acer saccharinum	silver maple	36,14,12,13	75	fair
98	Acer saccharinum	silver maple	11,12,11	34	fair
99	Acer saccharinum	silver maple	16	16	fair
100	Acer saccharinum	silver maple	13,8	21	fair
101	Acer saccharinum	silver maple	12,6	18	poor
102	Acer saccharinum	silver maple	16	16	fair
103	Acer saccharinum	silver maple	21,9	30	fair
104	Acer saccharinum	silver maple	14	14	fair
105	Acer saccharinum	silver maple	17	17	fair
106	Acer saccharinum	silver maple	15	15	fair
107	Acer saccharinum	silver maple	14,9	23	fair
108	Acer saccharinum	silver maple	16,12,9,9,9	55	poor
109	Acer saccharinum	silver maple	27,20,18,9,7	81	poor
110	Acer saccharinum	silver maple	22,8	30	poor
111	Acer saccharinum	silver maple	14,6	20	poor
112	Acer saccharinum	silver maple	10,8,9	27	poor
113	Acer saccharinum	silver maple	27	27	fair
114	Acer saccharinum	silver maple	13,12,15,10	50	poor
115	Acer saccharinum	silver maple	15	15	fair
116	Acer saccharinum	silver maple	16,10,7,18,6	57	fair
117	Acer saccharinum	silver maple	16,5,10,4,12,4,14,11	76	fair
118	Acer saccharinum	silver maple	12	12	fair
119	Acer saccharinum	silver maple	17,14,5	36	fair
120	Acer saccharinum	silver maple	18	18	good
121	Acer saccharinum	silver maple	12,6	18	fair
122	Acer saccharinum	silver maple	12,12,4	28	fair
123	Acer saccharinum	silver maple	22,17,15,7,11,5,14	91	fair
124	Acer saccharinum	silver maple	12	12	fair
125	Ulmus americana	American elm	21	21	poor
126	Populus deltoides	cottonwood	25	25	fair
127	Prunus serotina	black cherry	16	16	poor
128	Quercus macrocarpa	bur oak	43	43	poor
129	Pinus strobus	white pine	19	19	poor
130	Quercus rubra	red oak	21	21	poor
131	Quercus rubra	red oak	19	19	poor
132	Quercus rubra	red oak	17	17	poor
133	Quercus rubra	red oak	26	26	fair
134	Quercus rubra	red oak	31	31	fair
135	Quercus rubra	red oak	30	30	fair
136	Quercus rubra	red oak	17	17	good
137	Quercus rubra	red oak	13	13	fair
138	Quercus rubra	red oak	24	24	fair
139	Pinus strobus	white pine	17	17	poor
140	Pinus strobus	white pine	14	14	poor
141	Quercus rubra	red oak	24	24	fair
142	Quercus rubra	red oak	22	22	fair
143	Quercus rubra	red oak	24	24	fair
144	Carya ovata	shagbark hickory	12	12	good
145	Prunus serotina	black cherry	14	14	dead
146	Quercus macrocarpa	bur oak	29	29	fair
147	Quercus macrocarpa	bur oak	27	27	fair
148	Juniperus virginiana	eastern red cedar	12.5	12.5	fair
149	Carya ovata	shagbark hickory	18	18	poor
150	Quercus rubra	red oak	29	29	poor
151	Quercus rubra	red oak	26	26	fair
152	Quercus rubra	red oak	32	32	fair
153	Quercus alba	white oak	24	24	fair
154	Quercus rubra	red oak	36	36	poor
155	Quercus rubra	red oak	21	21	fair
156	Quercus rubra	red oak	20	20	poor
157	Quercus rubra	red oak	29	29	fair
158	Quercus alba	white oak	14	14	poor
159	Quercus rubra	red oak	17	17	poor
160	Prunus serotina	black cherry	12	12	poor
161	Quercus macrocarpa	bur oak	38	38	poor
162	Quercus rubra	red oak	30	30	fair
163	Quercus rubra	red oak	25	25	fair
164	Prunus serotina	black cherry	14	14	poor
165	Quercus rubra	red oak	22	22	fair
166	Prunus serotina	black cherry	18	18	poor
167	Quercus rubra	red oak	16	16	poor
168	Quercus alba	white oak	29	29	fair
169	Quercus alba	white oak	28	28	fair
170	Quercus rubra	red oak	30	30	fair
171	Quercus rubra	red oak	18	18	fair
172	Acer saccharinum	silver maple	12	12	fair
173	Quercus macrocarpa	bur oak	37	37	fair
174	Quercus macrocarpa	bur oak	25,26	51	fair
175	Pinus strobus	white pine	19	19	poor
176	Carya ovata	shagbark hickory	25	25	good
177	Pinus resinosa	redpine	12	12	poor
178	Pinus resinosa	red pine	12	12	poor
179	Quercus rubra	red oak	19	19	fair
180	Quercus rubra	red oak	12	12	poor
181	Quercus rubra	red oak	14	14	fair
182	Quercus rubra	red oak	12	12	good
183	Quercus rubra	red oak	16	16	fair
184	Quercus rubra	red oak	20	20	fair
185	Quercus rubra	red oak	15	15	good
186	Quercus alba	white oak	28	28	poor
187	Quercus alba	white oak	34	34	fair
188	Prunus serotina	black cherry	13	13	fair
189	Quercus rubra	red oak	14	14	fair
190	Quercus alba	white oak	32	32	fair
191	Prunus serotina	black cherry	12	12	fair
192	Populus deltoides	cottonwood	25	25	fair
193	Quercus rubra	red oak	16	16	fair
194	Pinus strobus	white pine	13	13	poor
195	Pinus strobus	white pine	15	15	poor
196	Prunus serotina	black cherry	12	12	poor
197	Juglans nigra	black walnut	16	16	good
198	Quercus rubra	red oak	42	42	poor
199	Quercus rubra	red oak	25	25	fair
200	Carya ovata	shagbark hickory	22	22	poor
901	Pinus strobus	white pine	20	20	fair
902	Pinus strobus	white pine	18	18	poor
903	Quercus macrocarpa	bur oak	30	30	fair
904	Quercus macrocarpa	bur oak	26,25	51	fair
905	Acer saccharinum	silver maple	12,5,5	22	fair
906	Acer saccharinum	silver maple	13	13	fair
907	Acer saccharinum	silver maple	12	12	poor
908	Acer saccharinum	silver maple	13	13	poor
909	Acer saccharinum	silver maple	15,13,11,10	49	fair
910	Acer saccharinum	silver maple	17	17	fair
911	Acer saccharinum	silver maple	12,9	21	fair
912	Acer saccharinum	silver maple	13	13	fair
913	Acer saccharinum	silver maple	14	14	fair
914	Acer saccharinum	silver maple	12	12	fair
915	Acer saccharinum	silver maple	28	28	fair
916	Acer saccharinum	silver maple	27	27	good
917	Prunus serotina	black cherry	12	12	poor
918	Quercus rubra	red oak	18	18	dead
919	Quercus rubra	red oak	23	23	fair
920	Quercus rubra	red oak	24	24	fair
921	Quercus rubra	red oak	23	23	poor
922	Quercus rubra	red oak	28	28	fair
923	Quercus rubra	red oak	22	22	fair
924	Quercus alba	white oak	32	32	poor
925	Quercus alba	white oak	29	29	poor
926	Populus deltoides	cottonwood	24	24	poor
927	Prunus serotina	black cherry	16	16	poor
928	Prunus serotina	black cherry	30	30	fair
929	Carya ovata	shagbark hickory	17	17	good
930	Quercus macrocarpa	bur oak	26	26	good
931	Acer saccharinum	silver maple	13,13,8,6,4	44	good
932	Acer saccharinum	silver maple	29	29	good
933	Acer saccharinum	silver maple	14,13,13	40	fair
934	Acer saccharinum	silver maple	15,10,12,9	46	fair
935	Acer saccharinum	silver maple	17,11	28	fair
936	Acer saccharinum	silver maple	16,12,10,4	42	fair
937	Acer saccharinum	silver maple	15,12,12	39	fair
938	Acer saccharinum	silver maple	14,8,4	26	fair
941	Quercus rubra	red oak	23	23	fair
944	Quercus rubra	red oak	12	12	fair
946	Quercus macrocarpa	bur oak	36	36	poor
947	Quercus macrocarpa	bur oak	12	12	dead
948	Quercus rubra	red oak	13	13	good
949	Quercus macrocarpa	bur oak	12	12	fair

NORTH

SCALE: 1" = 60'
60' 30' 0 60'

WAUCONDA, ILLINOIS

STORE MORE

PEARSON,BROWN & ASSOCIATES,INC.
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DESIGNED BY: R.A.A.
DRAWN BY: R.C.J.
CHECKED BY: A.K.Z.
ORIGINAL ISSUE: 03/08/19

REVISIONS

DATE	BY	DESCRIPTION
05/21/19	AKZ	REVISED PER COUNTY REVIEW COMMENTS
10/14/19	AKZ	REVISED PER COUNTY REVIEW COMMENTS

NATURAL RESOURCE PLAN

SHEET NUMBER
4
OF 11 SHEETS
JOB No. 1884

PROPOSED IMPERVIOUS SURFACE AREA

BUILDINGS = 3.08 ACRES (134,107 SF)
CONCRETE PADS = 0.93 ACRES (40,320 SF)
PAVEMENT AND WALK = 5.25 ACRES (228,765 SF)

TOTAL IMPERVIOUS SURFACE = 9.26 ACRES

Step 4: Calculation of Maximum Floor Area

Table 4. Calculation of Maximum Floor Area

Step1	Take "Net Site Area"		16.71
Step 2	Multiply by Zoning District Maximum Floor Area Factor	x	0.30
Step 3	Equals **"Maximum Floor Area"**	=	5.01

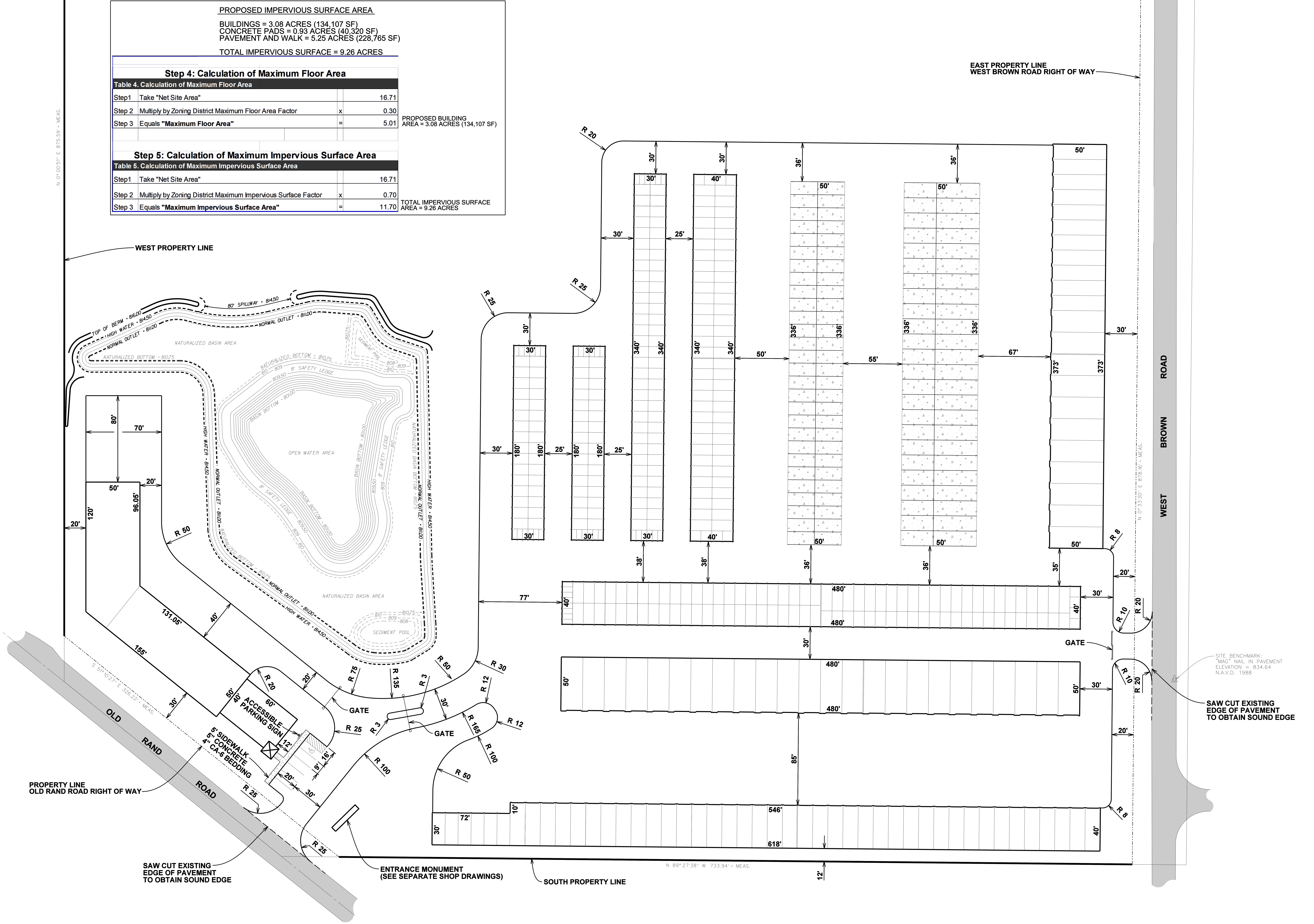
PROPOSED BUILDING
AREA = 3.08 ACRES (134,107 SF)

Step 5: Calculation of Maximum Impervious Surface Area

Table 5. Calculation of Maximum Impervious Surface Area

Step1	Take "Net Site Area"		16.71
Step 2	Multiply by Zoning District Maximum Impervious Surface Factor	x	0.70
Step 3	Equals **"Maximum Impervious Surface Area"**	=	11.70

TOTAL IMPERVIOUS SURFACE
AREA = 9.26 ACRES



NORTH

40' 20' 0 40'
SCALE: 1" = 40'

STORE MORE

WAUCONDA, ILLINOIS

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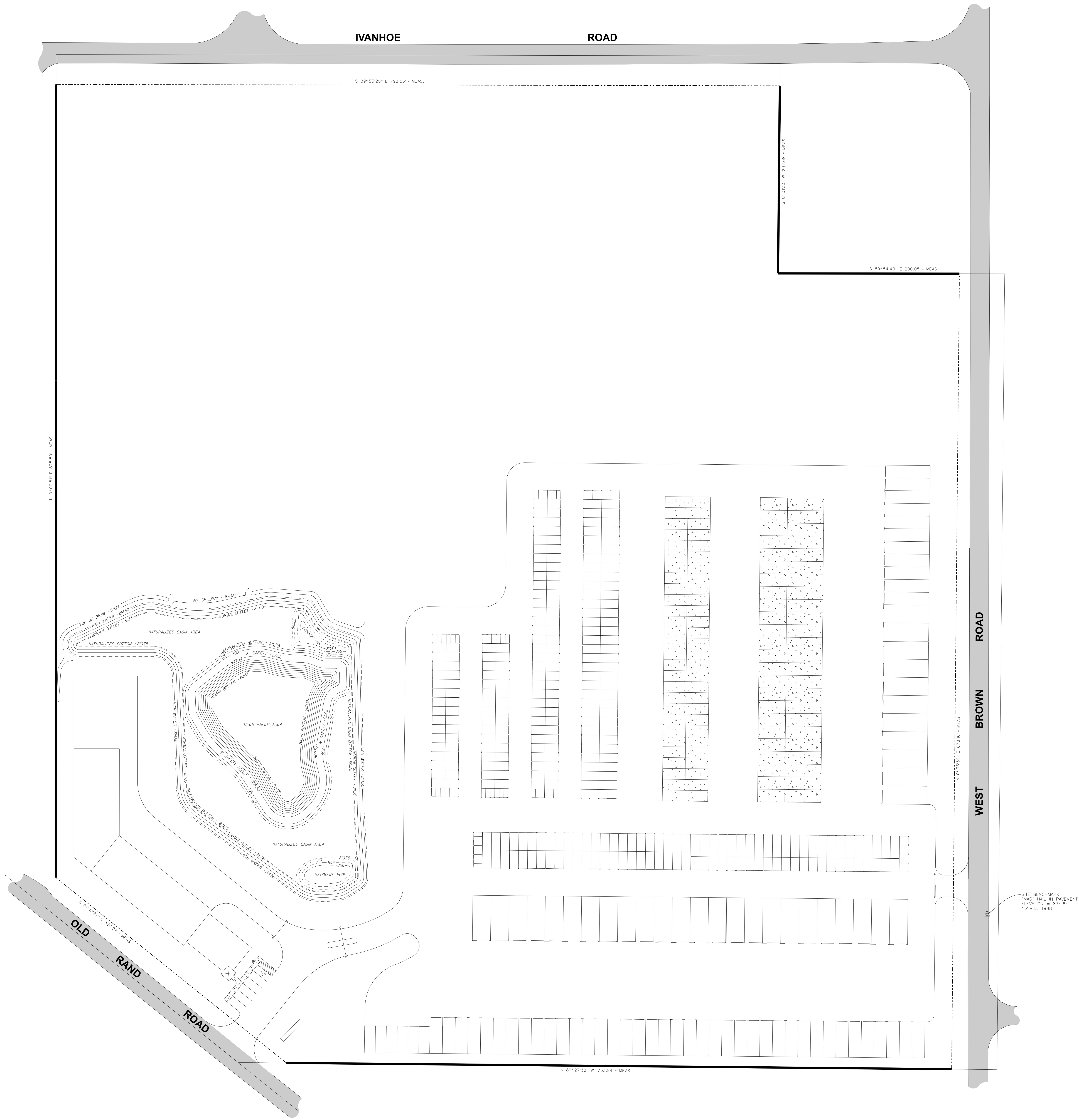
REVISIONS

GEOMETRICS PLAN

SHEET NUMBER
6
OF 11 SHEETS
JOB No. 1884



STORE MORE

WAUCONDA, ILLINOIS

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NORTH

SCALE: 1" = 60'

60' 30' 0 60'

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DATE	BY	DESCRIPTION
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10/14/19	AKZ	REVISED PER COUNTY REVIEW COMMENTS

REVISIONS

OVERALL SITE PLAN

SHEET NUMBER

5

OF 11 SHEETS

JOB No. 1884