

Algonquin Area Public Library District, Harnish Main

Final Plans

May 2026

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Prepared for:



Algonquin Area
Public Library
District

Algonquin Area Public Library
District (AAPLD)
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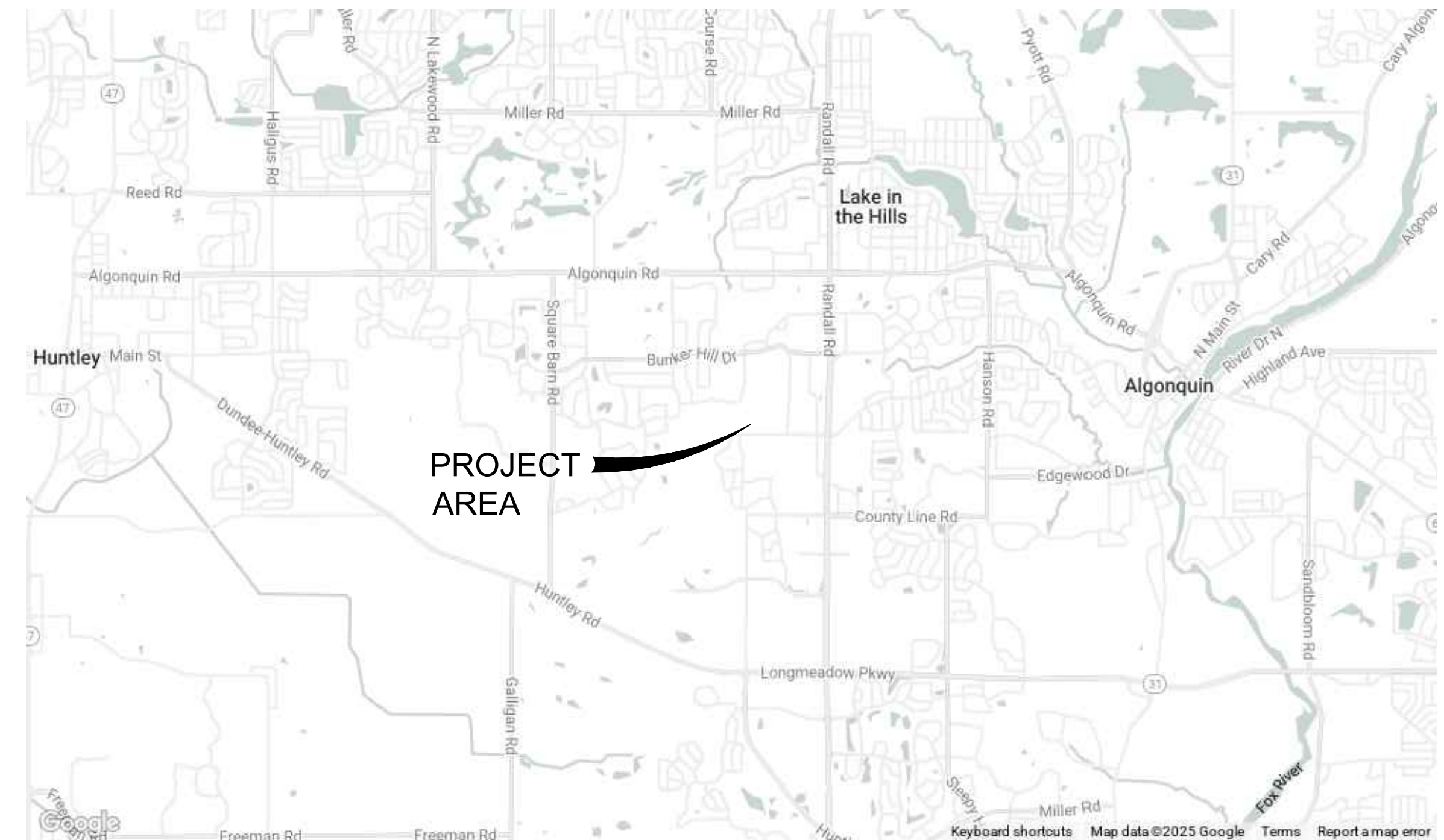
Prepared by:

Landscape Architect:

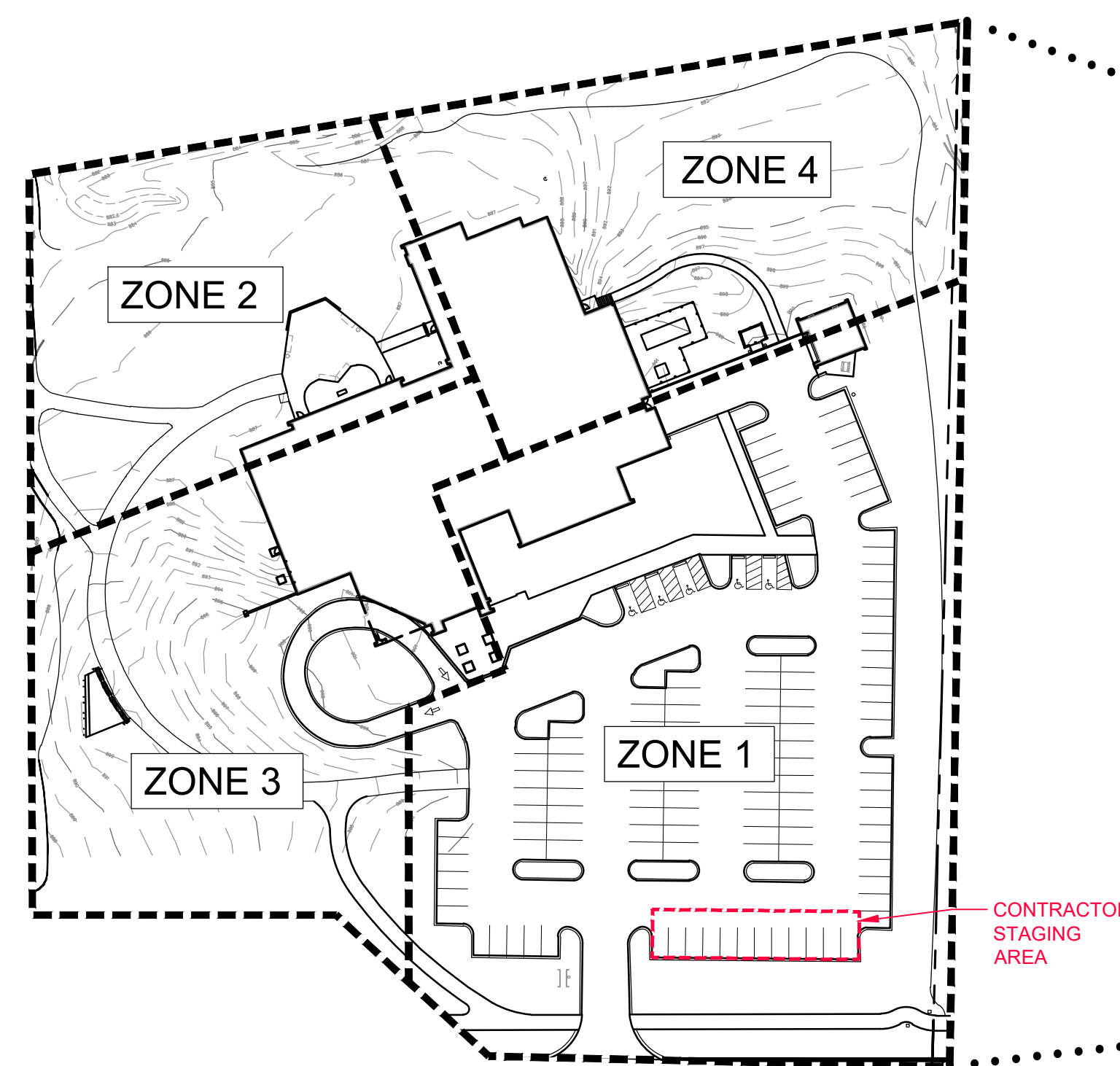


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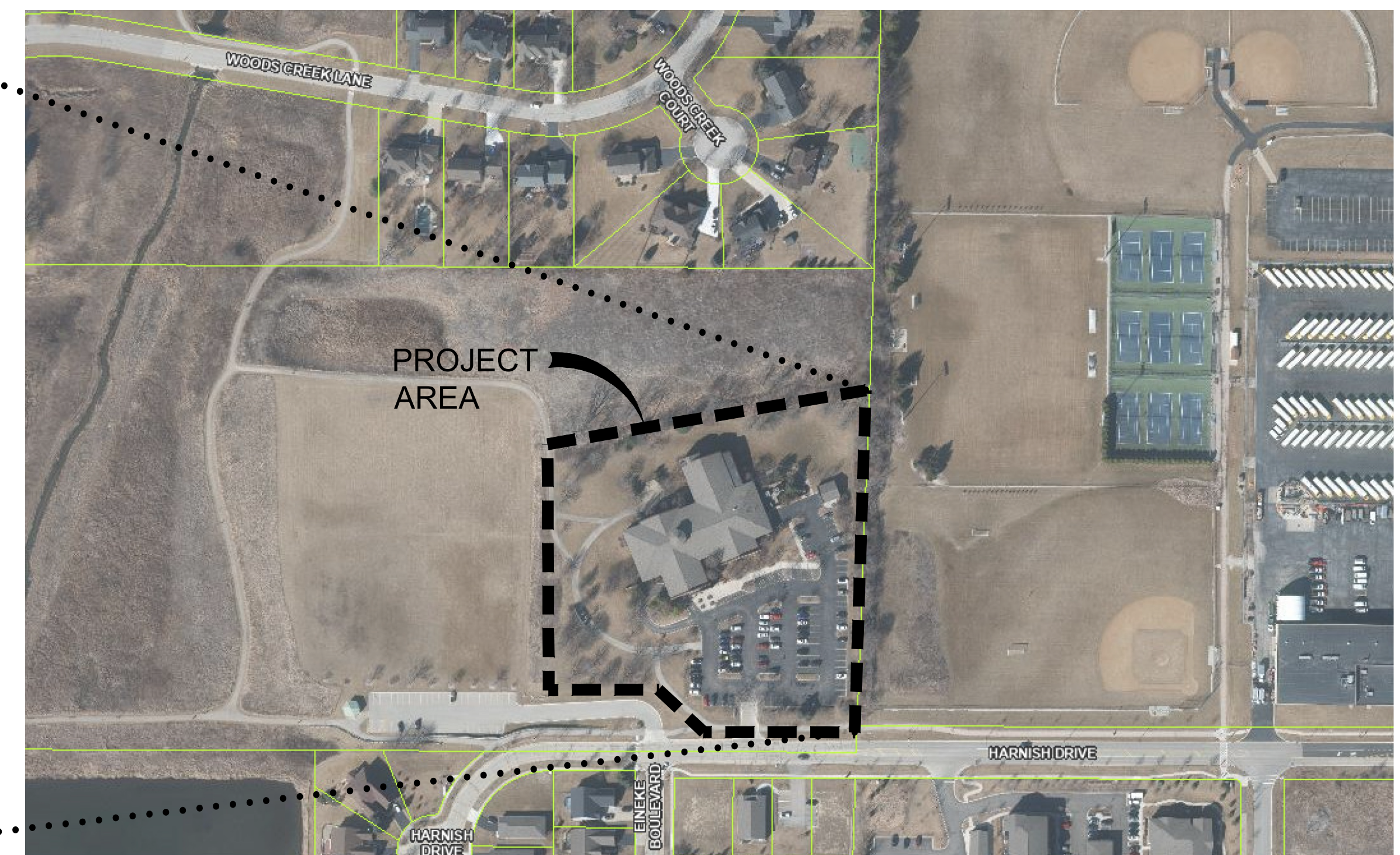
P.O. Box 26
Algonquin, IL 60102



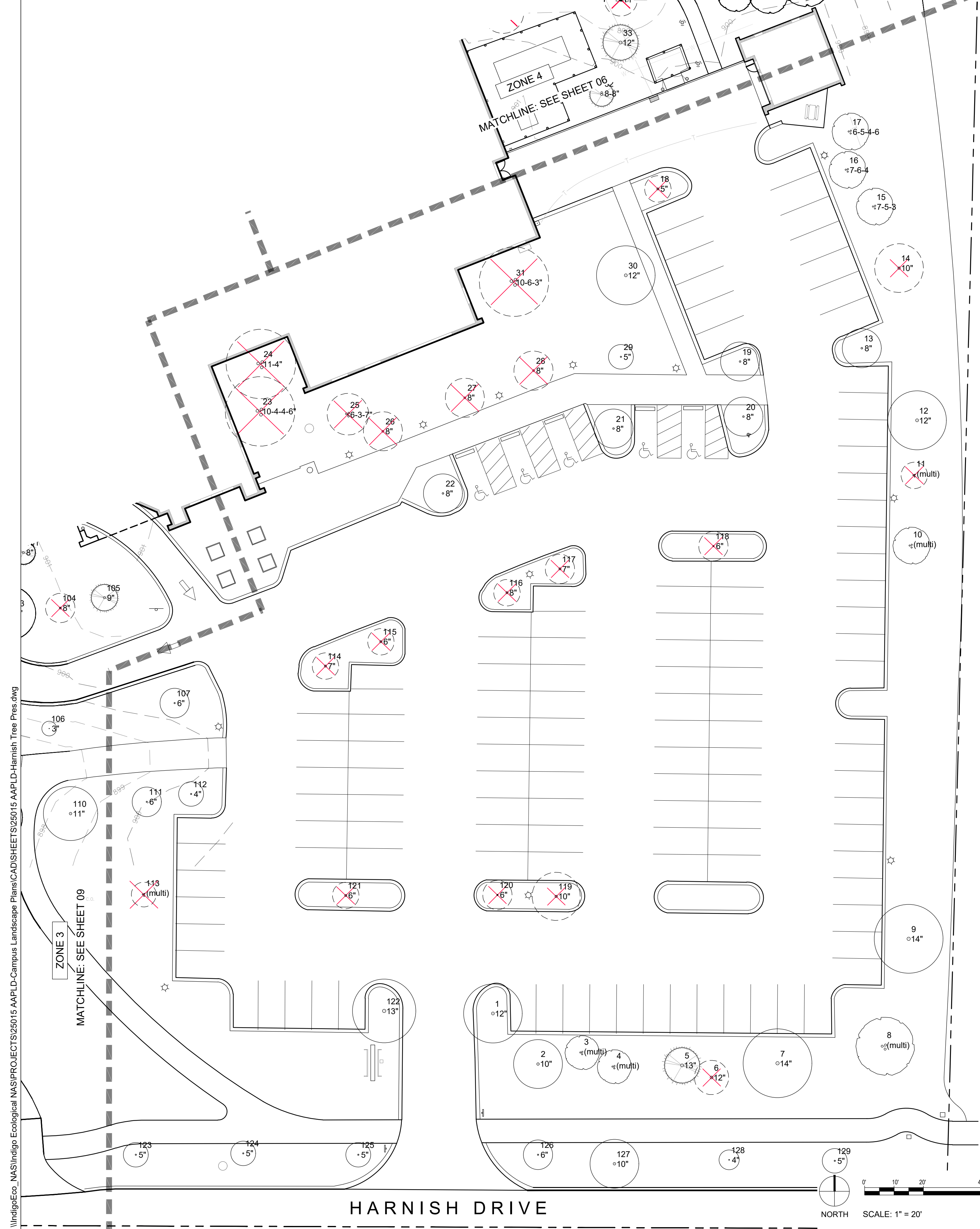
PROJECT VICINITY MAP



ZONES PLAN



PROJECT LOCATION MAP



LEGEND

- - - - - PROPERTY LINE
 - x - x - x EXISTING FENCE (OFF PROPERTY)
 EXISTING TREE TO BE SAVED
 EXISTING TREE TO BE REMOVED

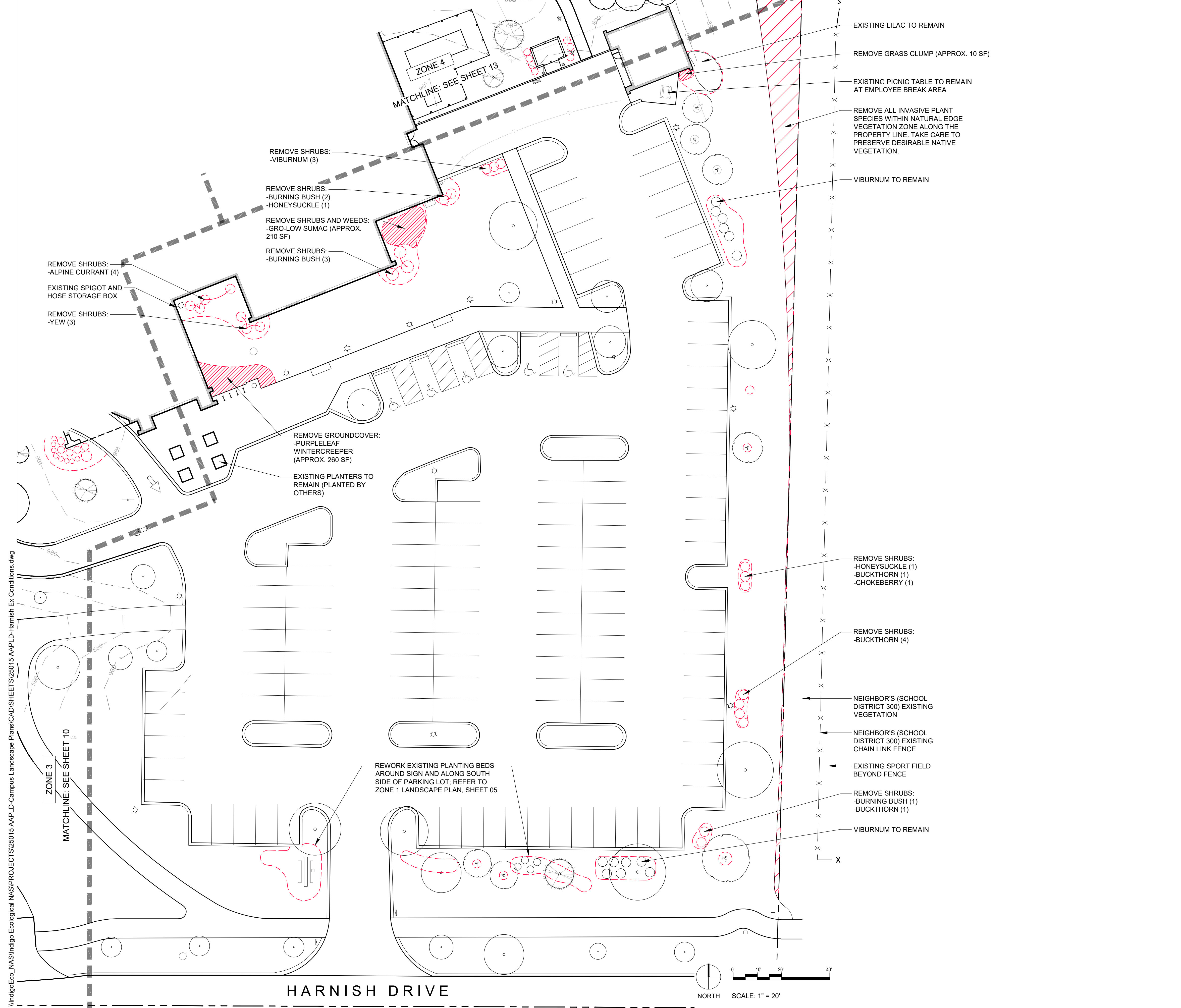
EXISTING TREES: ZONE 1

Point #	DBH	Species	Common Name	Save/Remove	Notes	Northing	Easting
1	12"	Gleditsia	Honeylocust	Save		2001431.104	980880.3161
2	10"	Gleditsia	Honeylocust	Save		2001413.944	980895.6345
3	(multi)	Cornus mas	Cornelian Cherry Dogwood	Save		2001417.672	980910.3993
4	(multi)	Cornus mas	Cornelian Cherry Dogwood	Save		2001412.816	980921.412
5	13"	Picea pungens	Blue Spruce	Save		2001413.487	980944.6345
6	12"	Picea pungens	Blue Spruce	Remove	Top of tree is dead	2001409.393	980954.6345
7	14"	Quercus	Oak	Save		2001414.184	980977.1345
8	(multi)	Crataegus crus-galli	Cockspur Hawthorn	Save		2001419.813	981013.4299
9	14"	Gleditsia	Honeylocust	Save		2001456.556	981021.7137
10	(multi)	Amelanchier	Serviceberry	Save		2001590.216	981022.4923
11	4-3-2-3-3"	Amelanchier	Serviceberry	Remove	Poor condition	2001614.232	981023.5849
12	12"	Acer	Maple	Save		2001632.946	981024.5492
13	8"	Acer	Maple	Save		2001657.484	981005.7902
14	10"	Acer	Maple	Remove	Poor condition	2001684.752	981018.3886
15	7-5-3	Malus	Crabapple	Save	Multi-stem	2001705.565	981010.0393
16	7-6-4	Malus	Crabapple	Save	Multi-stem	2001718.045	981000.7677
17	6-5-4-6	Malus	Crabapple	Save	Multi-stem	2001731.078	981001.7752
18	5"	Acer	Maple	Remove	Poor condition	2001711.684	980936.3797
19	8"	Gleditsia	Honeylocust	Save		2001652.916	980964.3879
20	8"	Gleditsia	Honeylocust	Save		2001634.169	980965.5324
21	8"	Gleditsia	Honeylocust	Save		2001630.099	980921.2902
22	8"	Gleditsia	Honeylocust	Save		2001608.045	980863.3042
23	10-4-4-6"	Alnus	Alder	Remove	Multi-stem	2001635.956	980801.1247
24	11-4"	Alnus	Alder	Remove	Multi-stem	2001652.097	980801.3803
25	6-3-7"	Alnus	Alder	Remove	Multi-stem	2001634.806	980830.902
26	8"	Tilia	Linden	Remove		2001629.229	980842.8582
27	8"	Tilia	Linden	Remove		2001640.628	980870.7293
28	8"	Tilia	Linden	Remove		2001649.876	980894.0807
29	5"	Tilia	Linden	Save	Poor condition	2001654.499	980923.8338
30	12"	Acer	Maple	Save		2001682.25	980925.4856
31	10-6-3"	Alnus	Alder	Remove	Multi-stem	2001679.849	980887.2694
107	6"	Crataegus	Hawthorn	Save		2001536.737	980772.069
111	6"	Crataegus	Hawthorn	Save		2001503.145	980762.5795
112	4"	Crataegus	Hawthorn	Save		2001505.796	980777.6584
113	3-4-3-3	Malus	Crabapple	Remove	Poor condition	2001471.594	980761.5555
114	7"	Acer	Maple	Remove	Dead/dying	2001549.338	980823.343
115	6"	Acer	Maple	Remove	Dead/dying	2001557.64	980842.1836
116	8"	Pyrus calleryana	Callery Pear	Remove	Dead/dying	2001574.319	980885.059
117	7"	Pyrus calleryana	Callery Pear	Remove	Dead/dying	2001582.415	980903.0612
118	6"	Acer	Maple	Remove	Poor condition	2001590.152	980955.2591
119	10"	Pyrus calleryana	Callery Pear	Remove	Poor condition	2001470.982	980901.7927
120	6"	Pyrus calleryana	Callery Pear	Remove	Poor condition	2001471.472	980881.8032
121	6"	x	x	Remove	Dead	2001471.289	980830.2342
122	13"	Gleditsia	Honeylocust	Save		2001431.98	980843.3362
123	5"	Liriodendron tulipifera	Tuliptree	Save	Parkway tree	2001383.084	980758.8988
124	5"	Aesculus glabra	Ohio Buckeye	Save	Parkway tree	2001383.529	980795.3828
125	5"	Aesculus glabra	Ohio Buckeye	Save	Parkway tree	2001383.084	980834.5537
126	6"	Aesculus glabra	Ohio Buckeye	Save	Parkway tree	2001383.06	980895.6345
127	10"	Catalpa	Catalpa	Save	Parkway tree	2001379.973	980921.6345
128	4"	Gymnocladus dioicus	Kentucky Coffeetree	Save	Parkway tree	2001381.303	980960.6094
129	5"	Taxodium distichum	Baldcypress	Save	Parkway tree	2001380.984	980996.5802
203		Total Inches for Removal					

PROJECT NUMBER:	25015
ISSUED FOR	REV DATE
ISSUED FOR BID	5/27/2026

**ZONE 1 TREE
PRESERVATION
PLAN & EXISTING
TREE LIST**

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LEGEND

- EXISTING OVERSTORY TREE TO BE PRESERVED
- EXISTING ORNAMENTAL TREE TO BE PRESERVED
- EXISTING SHRUBS TO BE PRESERVED
- EXISTING LIGHT FIXTURE
- EXISTING BENCH TO REMAIN
- EXISTING CATCH BASIN
- EXISTING BEDLINE TO BE REMOVED
- EXISTING SHRUBS TO BE REMOVED
- EXISTING BENCH TO BE MOVED
- EXISTING AREA OF VEGETATION TO BE REMOVED
- NATURAL AREA TO HAVE INVASIVE SPECIES REMOVED

ALGONQUIN AREA PUBLIC LIBRARY

HARNISH MAIN
 2600 HARNISH DR,
 ALGONQUIN, IL 60102

PROJECT NUMBER:	25015
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DRAWING TITLE

ZONE 1 EXISTING CONDITIONS

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LEGEND

- PROPERTY LINE
- x - x - EXISTING FENCE (OFF PROPERTY)
- 131
6" EXISTING TREE TO BE SAVED
- 130
6" EXISTING TREE TO BE REMOVED



P.O. BOX 26 ALGONQUIN, IL 60102
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**ALGONQUIN
AREA PUBLIC
LIBRARY**
HARNISH MAIN
2600 HARNISH DR,
ALGONQUIN, IL 60102

EXISTING TREES: ZONE 2

Point #	DBH	Species	Common Name	Save/Remove	Notes	Northing	Easting
56	12"	Fraxinus	Ash	Remove	Dead/dying	2001825.683	980711.0517
57	17"	Fraxinus	Ash	Save		2001834.935	980695.8391
58	12"	Picea	Spruce	Save		2001832.742	980678.1673
59	8"	Picea	Spruce	Save		2001823.107	980673.9193
60	7"	Picea	Spruce	Remove	Poor condition	2001827.9	980655.8863
61	7"	Acer	Maple	Save	Amur maple	2001812.165	980646.7009
62	11"	Quercus bicolor	Swamp White Oak	Save		2001804.892	980623.8069
63	11"	Tilia	Linden	Save		2001788.382	980618.2891
64	22"	Fraxinus	Ash	Save		2001796.136	980596.1108
65	12"	Acer	Maple	Save		2001766.279	980588.5019
66	6"	Acer	Maple	Save	Amur maple	2001767.823	980570.5099
67	15"	Fraxinus	Ash	Remove	Dead/dying	2001740.762	980573.7511
68	3"	Quercus	Oak	Save		2001783.993	980732.0807
69	14"	Gleditsia	Honeylocust	Save		2001766.489	980735.3592
70	14"	Gleditsia	Honeylocust	Save		2001769.882	980669.4198
71	11"	Gleditsia	Honeylocust	Save		2001743.982	980681.7359
72	12"	Pyrus calleryana	Callery Pear	Remove	Invasive, poor condition	2001739.274	980753.8381
73	12"	Pyrus calleryana	Callery Pear	Remove	Invasive, poor condition	2001731.654	980733.4162
74	12"	Pyrus calleryana	Callery Pear	Remove	Invasive, poor condition	2001722.429	980710.5811
75	14"	Pyrus calleryana	Callery Pear	Remove	Invasive, poor condition	2001713.549	980690.3638
80	6"	Acer	Maple	Save		2001694.06	980571.8694
84	Total Inches for Removal						

PROJECT NUMBER: 25015

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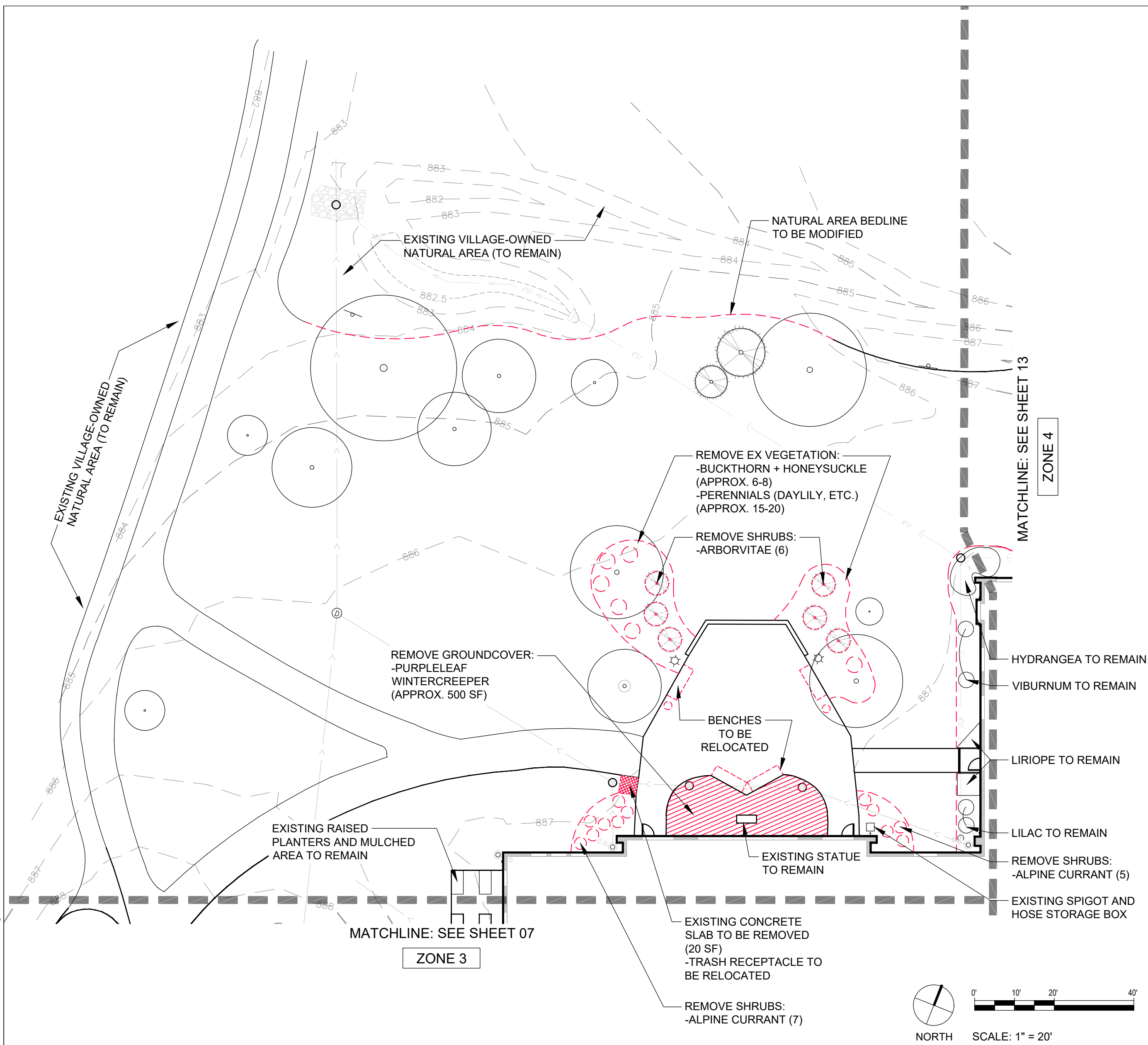
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**ZONE 2 TREE
PRESERVATION
PLAN & EXISTING
TREE LIST**

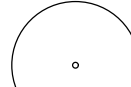







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LEGEND

-  EXISTING OVERSTORY TREE TO BE PRESERVED
-  EXISTING ORNAMENTAL TREE TO BE PRESERVED
-  EXISTING SHRUBS TO BE PRESERVED
- EXISTING LIGHT FIXTURE
-  EXISTING BENCH TO REMAIN
- EXISTING CATCH BASIN
-  EXISTING BEDLINE TO BE REMOVED
-  EXISTING SHRUBS TO BE REMOVED
-  EXISTING BENCH TO BE MOVED
-  EXISTING AREA OF VEGETATION TO BE REMOVED



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2600 HARNISH DR,
ALGONQUIN, IL 60102

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**ZONE 2 EXISTING
CONDITIONS**

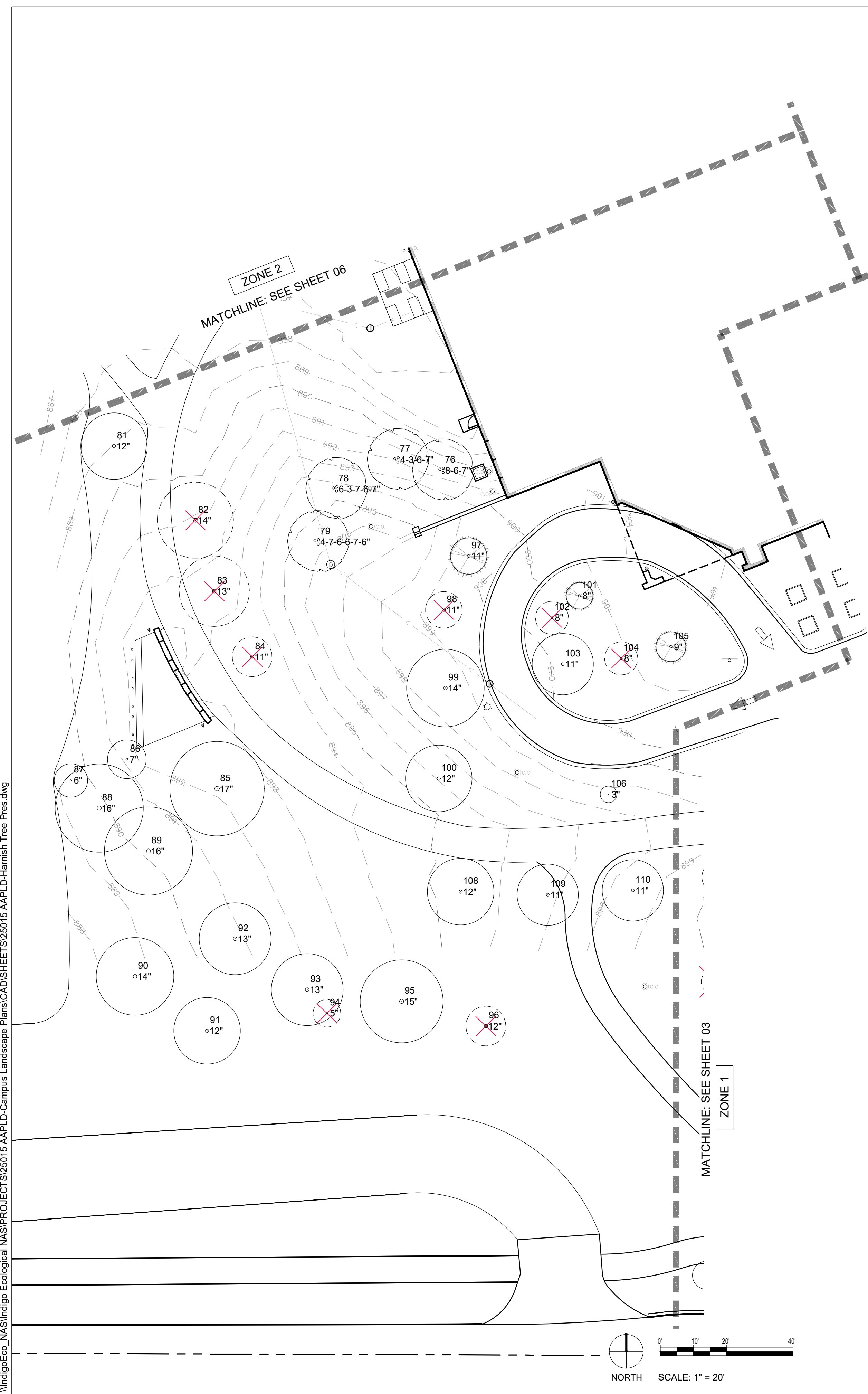
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ALGONQUIN AREA PUBLIC LIBRARY

HARNISH MAIN
2600 HARNISH DR,
ALGONQUIN, IL 60102

LEGEND

- PROPERTY LINE
- x - x - EXISTING FENCE (OFF PROPERTY)
- 131
6" EXISTING TREE TO BE SAVED
- 130
6" EXISTING TREE TO BE REMOVED



EXISTING TREES: ZONE 3

Point #	DBH	Species	Common Name	Save/Remove	Notes	Northing	Easting
76	8-6-7"	Malus	Crabapple	Save	Multi-stem	2001625.774	980679.227
77	4-3-6-7"	Malus	Crabapple	Save	Multi-stem	2001629.011	980665.6064
78	6-3-7-6-7"	Malus	Crabapple	Save	Multi-stem	2001620.176	980647.1
79	4-7-6-6-7-6"	Malus	Crabapple	Save	Multi-stem	2001604.247	980641.5382
81	12"	Quercus bicolor	Swamp White Oak	Save		2001633.051	980580.288
82	14"	Pyrus calleryana	Callery Pear	Remove	Invasive	2001610.747	980604.7992
83	13"	Pyrus calleryana	Callery Pear	Remove	Invasive	2001589.35	980610.4951
84	11"	Pyrus calleryana	Callery Pear	Remove	Dead/dying	2001569.599	980621.9095
85	17"	Fraxinus	Ash	Save		2001529.795	980611.3751
86	7"	Quercus	Oak	Save		2001538.658	980584.1893
87	6"	Acer	Maple	Save	Amur maple	2001532.286	980567.2746
88	16"	Fraxinus	Ash	Save		2001523.924	980575.817
89	16"	Fraxinus	Ash	Save		2001510.97	980590.6611
90	14"	Fraxinus	Ash	Save		2001473.184	980586.6389
91	12"	Quercus bicolor	Swamp White Oak	Save		2001456.781	980608.3401
92	13"	Acer	Maple	Save	Girdled roots	2001484.539	980616.8275
93	13"	Tilia	Linden	Save		2001469.226	980638.5747
94	5"	Pyrus calleryana	Callery Pear	Remove	Invasive	2001462.116	980644.4446
95	15"	Fraxinus	Ash	Save		2001465.701	980667.0146
96	12"	Fraxinus	Ash	Remove	Dead/dying	2001458.232	980692.3811
97	11"	Pinus	Pine	Save		2001599.954	980687.2109
98	11"	Pinus	Pine	Remove	Dead/dying	2001583.749	980679.6907
99	14"	Gleditsia	Honeylocust	Save		2001560.155	980680.2142
100	12"	Quercus rubra	Northern Red Oak	Save		2001532.888	980678.2047
101	8"	Pinus	Pine	Save		2001587.961	980720.6378
102	8"	Pinus	Pine	Remove	Poor cond., remove to prioritize oak	2001581.335	980712.3119
103	11"	Quercus	Oak	Save		2001567.334	980715.589
104	8"	Pinus	Pine	Remove	Poor cond., remove to prioritize oak	2001569.097	980733.1519
105	9"	Pinus	Pine	Save		2001572.585	980748.1972
106	3"	Quercus	Oak	Save		2001528.077	980729.3978
108	12"	Gleditsia	Honeylocust	Save		2001498.762	980684.777
109	11"	Gleditsia	Honeylocust	Save		2001497.834	980711.0738
110	11"	Gleditsia	Honeylocust	Save		2001499.143	980736.6965
82	Total Inches for Removal						

PROJECT NUMBER: 25015

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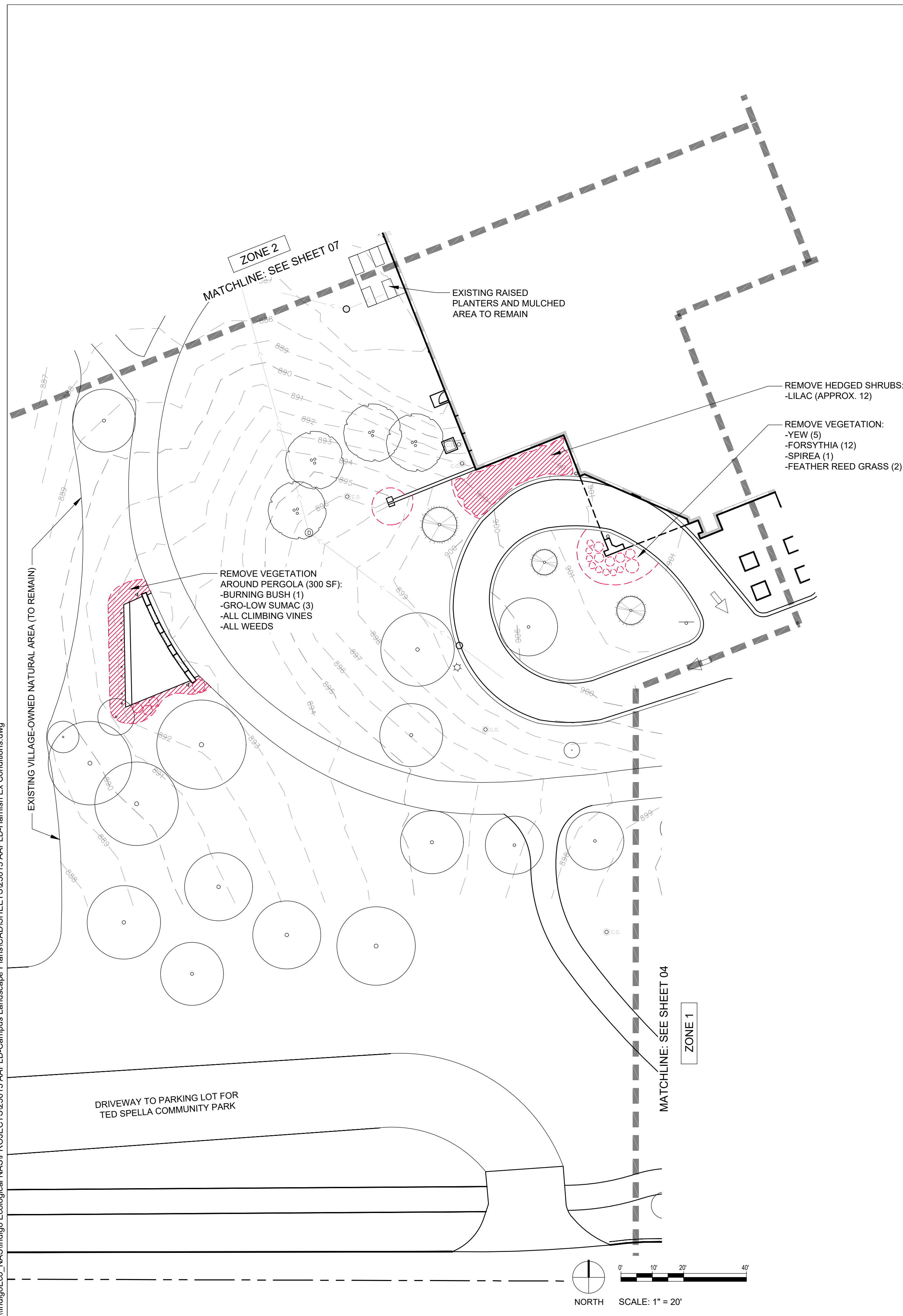
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ZONE 3 TREE PRESERVATION PLAN & EXISTING TREE LIST

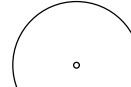









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09

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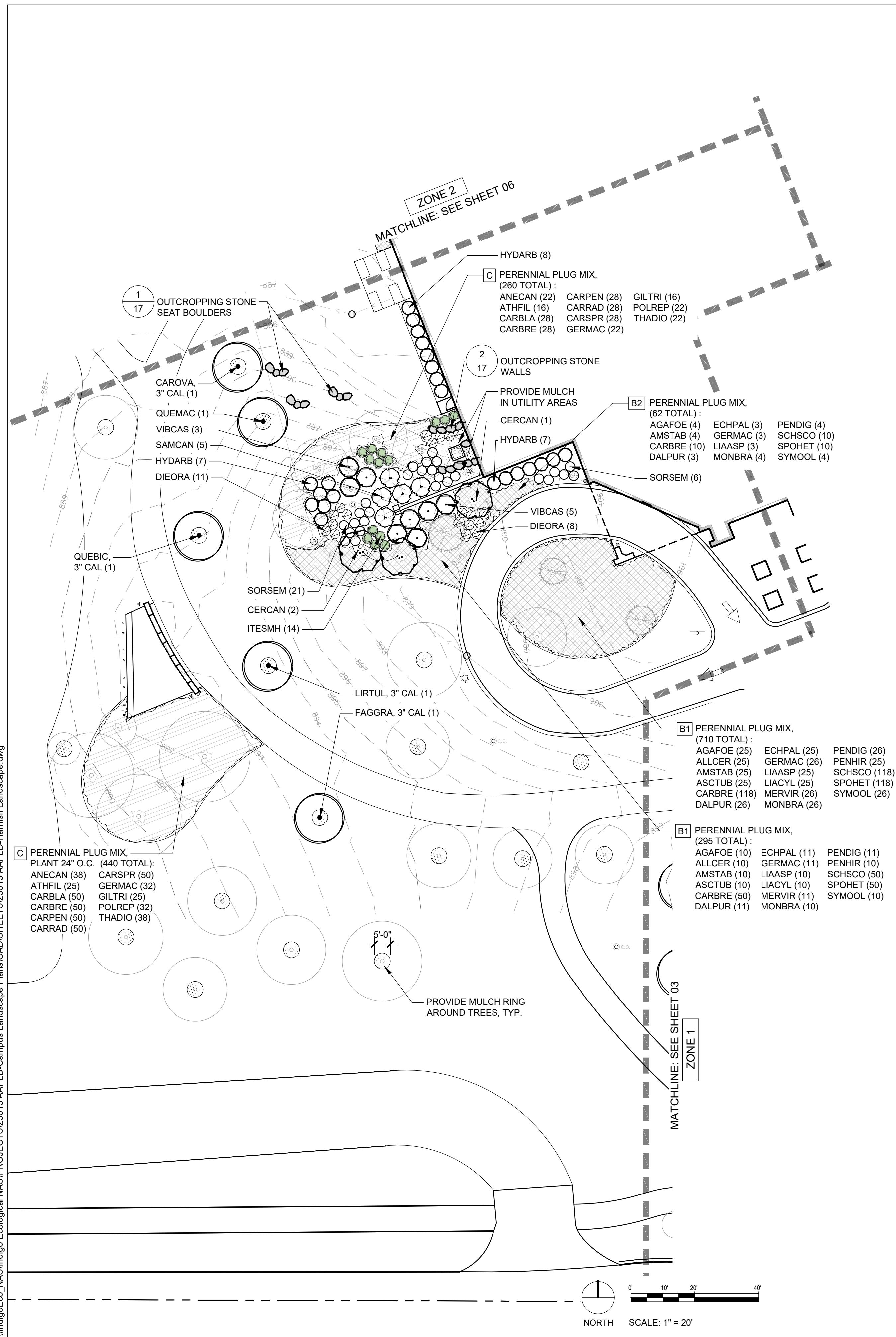
LEGEND

-  EXISTING OVERSTORY TREE TO BE PRESERVED
-  EXISTING ORNAMENTAL TREE TO BE PRESERVED
-  EXISTING SHRUBS TO BE PRESERVED
-  EXISTING LIGHT FIXTURE
-  EXISTING BENCH TO REMAIN
-  EXISTING CATCH BASIN
-  EXISTING BEDLINE TO BE REMOVED
-  EXISTING SHRUBS TO BE REMOVED
-  EXISTING BENCH TO BE MOVED
-  EXISTING AREA OF VEGETATION TO BE REMOVED


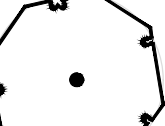
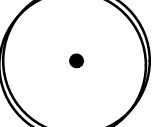

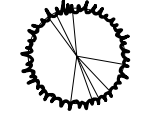
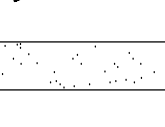
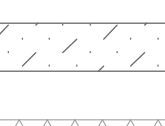
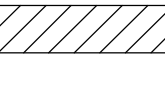





PROJECT NUMBER:	25015
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ZONE 3 EXISTING CONDITIONS

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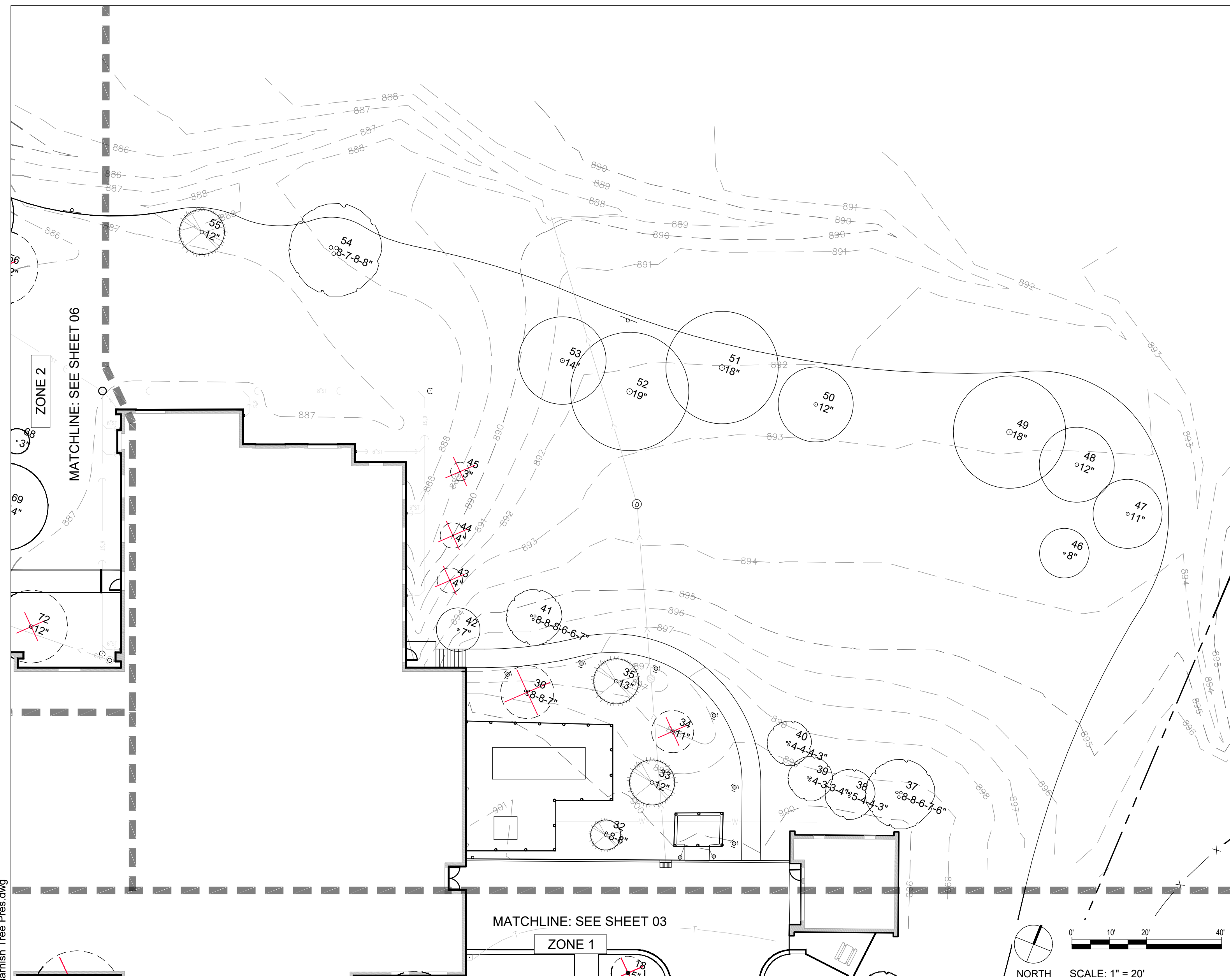
LEGEND

-  OUTCROPPING / BOULDER STONES
-  CANOPY TREE (3" CAL.)
-  CANOPY TREE (3" CAL.)
-  CANOPY TREE (2" CAL.)
-  ORNAMENTAL TREE
-  EVERGREEN TREE
-  SHRUBS
-  TURFGRASS SOD/SEEDING
-  DRY-MESIC PRAIRIE SEED MIX
-  MESIC-WET SEED MIX
-  WOODLAND SEED MIX
-  PERENNIAL PLANTING BEDS
-  MULCH RING AROUND TREES

PROJECT NUMBER:	25015
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DRAWING TITLE
ZONE 3 LANDSCAPE PLAN

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LEGEND

- PROPERTY LINE
- x - x - EXISTING FENCE (OFF PROPERTY)
- 131
6" EXISTING TREE TO BE SAVED
- 130
6"
X EXISTING TREE TO BE REMOVED

EXISTING TREES: ZONE 4

Point #	DBH	Species	Common Name	Save/Remove	Notes	Northing	Easting
32	8-8"	Pinus nigra	Austrian Pine	Save	Multi-stem	2001744.135	980917.3326
33	12"	Pinus nigra	Austrian Pine	Save		2001761.437	980923.6981
34	11"	Pinus nigra	Austrian Pine	Remove	Poor condition	2001776.144	980923.7809
35	13"	Pinus nigra	Austrian Pine	Save		2001783.085	980904.8156
36	8-8-7"	Malus	Crabapple	Remove	Multi-stem	2001771.667	980883.7311
37	8-8-6-7-6"	Betula nigra	River Birch	Save	Multi-stem	2001782.75	980986.2769
38	5-4-4-3"	Betula nigra	River Birch	Save	Multi-stem	2001777.818	980973.8909
39	4-3-3-4"	Betula nigra	River Birch	Save	Multi-stem	2001777.845	980962.483
40	4-4-4-3"	Betula nigra	River Birch	Save	Multi-stem	2001784.527	980953.7756
41	8-8-8-6-6-7"	Malus	Crabapple	Save	Multi-stem	2001790.84	980877.8774
42	7"	Alnus	Alder	Save		2001780.418	980860.4792
43	4"	Betula nigra	River Birch	Remove	Poor condition	2001791.868	980853.526
44	4"	Betula nigra	River Birch	Remove	Poor condition	2001803.36	980849.8543
45	3"	Betula nigra	River Birch	Remove	Poor condition	2001819.972	980845.3361
46	8"	Acer	Maple	Save	Amur maple	2001858.947	981003.7819
47	11"	Quercus bicolor	Swamp White Oak	Save		2001874.932	981015.6805
48	12"	Quercus bicolor	Swamp White Oak	Save		2001882.157	980998.2174
49	18"	Fraxinus	Ash	Save		2001883.678	980978.261
50	12"	Tilia	Linden	Save		2001871.554	980927.3576
51	18"	Fraxinus	Ash	Save		2001871.558	980900.3776
52	19"	Fraxinus	Ash	Save		2001856.533	980879.7061
53	14"	Quercus alba	White Oak	Save		2001857.64	980859.9592
54	8-7-8-8"	Tilia	Linden	Save	Multi-stem	2001862.707	980792.157
55	12"	Picea	Spruce	Save		2001854.226	980757.6598
45	Total Inches for Removal						

PROJECT NUMBER: 25015

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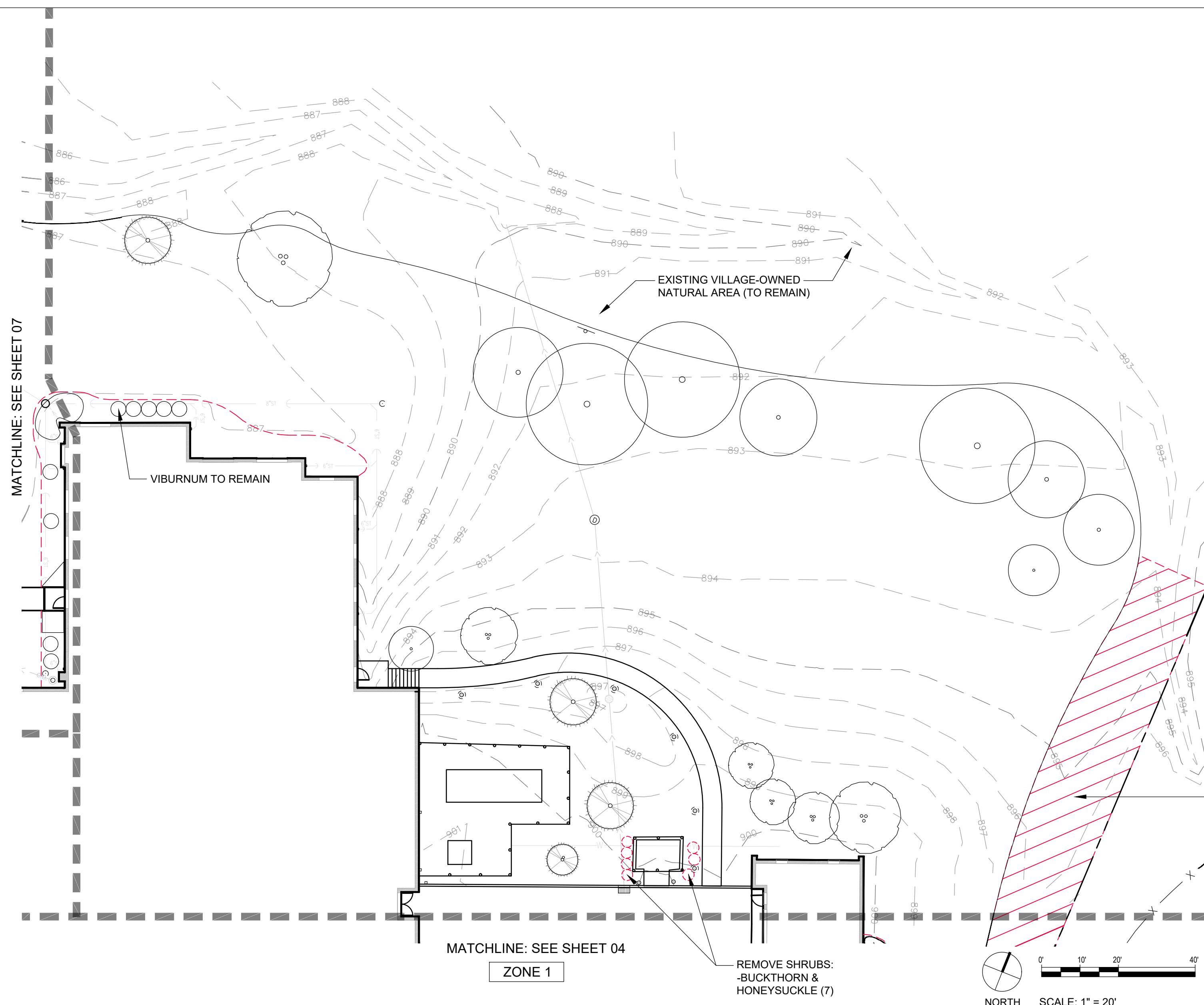
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**ZONE 4 TREE
PRESERVATION
PLAN & EXISTING
TREE LIST**

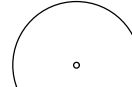








DRAWING NUMBER

12

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LEGEND

-  EXISTING OVERSTORY TREE TO BE PRESERVED
-  EXISTING ORNAMENTAL TREE TO BE PRESERVED
-  EXISTING SHRUBS TO BE PRESERVED
- EXISTING LIGHT FIXTURE
-  EXISTING BENCH TO REMAIN
- EXISTING CATCH BASIN
-  EXISTING BEDLINE TO BE REMOVED
-  EXISTING SHRUBS TO BE REMOVED
-  EXISTING BENCH TO BE MOVED
-  EXISTING AREA OF VEGETATION TO BE REMOVED
-  NATURAL AREA TO HAVE INVASIVE SPECIES REMOVED

PROJECT NUMBER:	25015
ISSUED FOR	REV DATE
ISSUED FOR BID	5/27/2026

DRAWING TITLE
ZONE 4 EXISTING CONDITIONS

PLANT LIST

SYM	SCIENTIFIC NAME	COMMON NAME	SIZE	ROOT	COMMENTS / SPACING	QTY by Zone:			
						ZONE 1	ZONE 2	ZONE 3	ZONE 4
CANOPY & EVERGREEN TREES									
CAROVA	<i>Carya ovata</i>	Shagbark Hickory	3" cal	B&B		0	0	1	1
FAGGRA	<i>Fagus grandifolia</i>	American Beech	3" cal	B&B		0	0	1	0
LIRTUL	<i>Liriodendron tulipifera</i>	Tuliptree	3" cal	B&B		0	0	1	0
LIQSTY	<i>Liquidambar styraciflua 'Moraine'</i>	Moraine Sweetgum	3" cal	B&B		4	0	0	0
PLAACE	<i>Platanus acerifolia</i>	London Planetree	3" cal	B&B		2	0	0	0
QUEALB	<i>Quercus alba</i>	White Oak	3" cal	B&B		0	1	0	0
QUEBIC	<i>Quercus bicolor</i>	Swamp White Oak	3" cal	B&B		1	1	1	0
QUEMAC	<i>Quercus macrocarpa</i>	Bur Oak	3" cal	B&B		0	0	1	0
QUERUB	<i>Quercus rubra</i>	Northern Red Oak	3" cal	B&B	Specimen	1	1	0	0
TAXDIS	<i>Taxodium distichum</i>	Bald Cypress	3" cal	B&B		3	1	0	0
<i>Total caliper inches per zone:</i>						33	12	15	3
ORNAMENTAL TREES									
AESCAR	<i>Aesculus carnea 'Fort McNair'</i>	Ft McNair Horsechestnut	2" cal	B&B		3	0	0	0
AMECAN	<i>Amelanchier canadensis</i>	Shadblow Serviceberry	6' ht	B&B	Multi-stem	0	2	0	0
BETPOP	<i>Betula populifolia 'Whitespire Senior'</i>	Whitespire Senior Gray Birch	10' ht	B&B		4	0	0	0
BETPOP	<i>Betula populifolia 'Whitespire Senior'</i>	Whitespire Senior Gray Birch	14' ht	B&B		3	0	0	0
MAAAMU	<i>Maackia amurensis</i>	Amur maackia	2" cal	B&B		3	0	0	0
CARCAR	<i>Carpinus caroliniana</i>	Musclewood	6' ht	B&B		0	2	0	0
CERCAN	<i>Cercis canadensis</i>	Eastern Redbud	6' ht	Cont.	Multi-stem	2	0	3	0
CRACRU	<i>Crataegus crus-galli</i>	Thornless Cockspur Hawthorn	6' ht	B&B		0	0	0	0
SHRUBS									
CEPOCC	<i>Cephalanthus occidentalis</i>	Buttonbush	#5	Cont.		0	3	0	5
COMPER	<i>Comptonia peregrina</i>	Sweet fern	#3	Cont.		0	0	0	10
CORSER	<i>Cornus sericea</i>	Red twig dogwood	#5	Cont.		0	17	0	0
CORAME	<i>Corylus americana</i>	American Hazelnut	#5	Cont.		5	0	0	0
DIEORA	<i>Dierivilla 'G2X88544'</i>	Kodiak Orange Bush Honeysuckle	#3	Cont.		32	22	19	23
EUOATR	<i>Euonymus atropurpureus</i>	Eastern Wahoo	#3	Cont.		0	3	0	3
HAMVIR	<i>Hamamelis virginiana</i>	Common Witchhazel	#5	Cont.		10	0	0	0
HYDARB	<i>Hydrangea arborescens</i>	Smooth Hydrangea	#3	Cont.		24	9	22	13
ITESMH	<i>Itea virginica 'SMHALP'</i>	Fountains of Rouge Virginia Sweetspire	#3	Cont.		42	20	14	7
SAMCAN	<i>Sambucus canadensis</i>	American Black Elderberry	#3	Cont.		20	2	5	4
SORSEM	<i>Sorbaria sorbifolia 'Sem'</i>	Sem Ural False Spirea	#3	Cont.		29	18	27	30
VIBCAS	<i>Viburnum cassinoides</i>	Witherod viburnum	#5	Cont.		0	0	8	9
SEDGES & GRASSES									
BOUCUR	<i>Bouteloua curtipendula</i>	Side-oats Grama	Plug, 50/flat	Cont.	18" O.C.	161	59	0	12
CARBIC	<i>Carex bicknellii</i>	Copper-shouldered Oval Sedge	Plug, 50/flat	Cont.	18" O.C.	114	77	0	12
CARBLA	<i>Carex blanda</i>	Common Wood Sedge	Plug, 38/flat	Cont.	18" O.C.	38	44	78	0
CARBRE	<i>Carex brevior</i>	Plains Oval Sedge	Plug, 50/flat	Cont.	18" O.C.	265	54	256	0
CARMUS	<i>Carex muskingumensis</i>	Palm Sedge	Plug, 32/flat	Cont.	18" O.C.	0	20	0	0
CARPEN	<i>Carex pensylvanica</i>	Common Oak Sedge	Plug, 50/flat	Cont.	18" O.C.	200	99	78	147
CARRAD	<i>Carex radiata</i>	Eastern Star Sedge	Plug, 38/flat	Cont.	18" O.C.	38	62	78	0
CARSPR	<i>Carex sprengei</i>	Long-beaked Sedge	Plug, 32/flat	Cont.	18" O.C.	38	61	78	0
CHALAT	<i>Chasmanthium latifolium</i>	Northern Sea Oats	Plug, 50/flat	Cont.	18" O.C.	0	0	0	380
DESCES	<i>Deschampsia cespitosa</i>	Tufted Hair Grass	Plug, 32/flat	Cont.	18" O.C.	0	17	0	0
DIAOBO	<i>Diarrhena obovata</i>	Beak Grass	Plug, 50/flat	Cont.	18" O.C.	115	59	0	12
KOEMAC	<i>Koeleria macrantha</i>	Prairie June Grass	Plug, 50/flat	Cont.	18" O.C.	115	59	0	12
SCHSCO	<i>Schizachyrium scoparium</i>	Little Bluestem	Plug, 50/flat	Cont.	18" O.C.	64	14	178	0
SPOHET	<i>Sporobolus heterolepis</i>	Prairie Dropseed	Plug, 50/flat	Cont.	18" O.C.	189	73	178	12

SYM	SCIENTIFIC NAME	COMMON NAME	SIZE	ROOT	COMMENTS / SPACING	QTY by Zone:			
						ZONE 1	ZONE 2	ZONE 3	ZONE 4
PERENNIALS									
AGAFOE	<i>Agastache foeniculum</i>	Anise Hyssop	Plug, 32/flat	Cont.	18" O.C.	14	4	39	0
ALLCER	<i>Allium cernuum</i>	Nodding Wild Onion	Plug, 38/flat	Cont.	18" O.C.	91	82	35	20
AMSTAB	<i>Amsonia tabernaemontana</i>	Eastern Bluestar	Plug, 50/flat	Cont.	18" O.C.	14	4	39	135
ANECAN	<i>Anemone canadensis</i>	Meadow Anemone	Plug, 38/flat	Cont.	18" O.C.	32	46	60	0
ASCTUB	<i>Asclepias tuberosa</i>	Butterfly Milkweed	Plug, 32/flat	Cont.	18" O.C.	14	0	35	0
ATHFIL	<i>Athyrium filix-femina</i>	Lady Fern	#1	Cont.	18" O.C.	95	64	41	20
BAPAUT	<i>Baptisia australis</i>	Blue Wild Indigo	#1	Cont.	36" O.C.	0	14	0	6
DALPUR	<i>Dalea purpurea</i>	Purple Prairie Clover	Plug, 32/flat	Cont.	18" O.C.	21	4	40	0
ECHPAL	<i>Echinacea pallida</i>	Pale Purple Coneflower	Plug, 50/flat	Cont.	18" O.C.	21	4	39	0
ERYYUC	<i>Eryngium yuccifolium</i>	Rattlesnake Master	Plug, 50/flat	Cont.	18" O.C.	14	0	0	0
EURMAC	<i>Eurybia macrophylla</i>	Big-leaved Aster	Plug, 38/flat	Cont.	18" O.C.	0	13	0	0
GERMAC	<i>Geranium maculatum</i>	Wild Geranium	Plug, 32/flat	Cont.	18" O.C.	170	117	94	20
GILTRI	<i>Gillenia trifoliata</i>	Bowman's Root	#1	Cont.	18" O.C.	25	29	41	0
IRIVIR	<i>Iris virginica var. shrevei</i>	Blueflag Iris	Plug, 50/flat	Cont.	18" O.C.	0	13	0	0
LIAASP	<i>Liatris aspera</i>	Rough Blazing Star	Plug, 32/flat	Cont.	18" O.C.	14	0	38	0
LIACYL	<i>Liatris cylindracea</i>	Cylindrical Blazing Star	Plug, 32/flat	Cont.	18" O.C.	14	0	35	0
LOBCAR	<i>Lobelia cardinalis</i>	Cardinal Flower	Plug, 50/flat	Cont.	18" O.C.	0	11	0	0
LOBSIP	<i>Lobelia siphilitica</i>	Great Blue Lobelia	Plug, 38/flat	Cont.	18" O.C.	0	11	0	0
MERVIR	<i>Mertensia virginica</i>	Virginia Bluebells	Plug, 32/flat	Cont.	18" O.C.	24	17	37	0
MONBRA	<i>Monarda bradburiana</i>	Eastern Beebalm	Plug, 32/flat	Cont.	18" O.C.	21	4	40	0
ONOSEN	<i>Onoclea sensibilis</i>	Sensitive Fern	#1	Cont.	18" O.C.	0	14	0	0
PENDIG	<i>Penstemon digitalis</i>	Foxglove Beardtongue	Plug, 50/flat	Cont.	18" O.C.	15	4	41	0
PENHIR	<i>Penstemon hirsutus</i>	Hairy Beardtongue	Plug, 32/flat	Cont.	18" O.C.	14	4	35	0
POLREP	<i>Polemonium reptans</i>	Jacob's Ladder	Plug, 32/flat	Cont.	18" O.C.	32	35	54	0
SYMMLAE	<i>Symphyotrichum laeve</i>	Smooth Blue Aster	Plug, 38/flat	Cont.	18" O.C.	77	78	0	20
SYMPOOL	<i>Symphyotrichum oolentangiense</i>	Sky-blue Aster	Plug, 32/flat	Cont.	18" O.C.	20	4	40	0
THADIO	<i>Thalictrum dioicum</i>	Early Meadow Rue	Plug, 50/flat	Cont.	18" O.C.	32	35	60	0
TRAOHI	<i>Tradescantia ohiensis</i>	Common Spiderwort	Plug, 50/flat	Cont.	18" O.C.	0	11	0	0

SPRING BULB LIST

SCIENTIFIC NAME	COMMON NAME	SIZE	ROOT	SPACING	QTY by Zone:			
					ZONE 1	ZONE 2	ZONE 3	ZONE 4
SPRING BULB MIX A (in birch grove)								
<i>Allium Moly</i>	Spring Bulb: Yellow Allium	5 cm	Bulb	Interplant in groups of 5-7	70	0	35	0
<i>Crocus vernus 'Yellow Mammoth'</i>	Spring Bulb: Yellow Crocus	9/10 cm	Bulb	Plant near edge of bed, groups of 12-15	150	0	150	0
<i>Narcissus Jetfire</i>	Jetfire Daffodil	14/16 cm	Bulb	Plant in groups of 8-10	100	0	50	0
SPRING BULB MIX B (at front of building)								
<i>Allium atropurpureum</i>	Spring Bulb: Allium	8/10 cm	Bulb	Interplant in groups of 5-7	30	0	0	0
<i>Camassia leichtlinii 'Caerulea'</i>	Spring Bulb: Camassia	14 cm	Bulb	Interplant in groups of 5-7	30	0	0	0
<i>Crocus vernus 'Hokus Crocus'</i>	Spring Bulb: Purple & White Mix Crocus	9/10 cm	Bulb	Plant near edge of bed, groups of 12-15	60	0	0	0
SPRING BULB MIX C (at back of building)								
<i>Chionodoxa forbesii</i>	Spring Bulb: Glory of the Snow	5/6 cm	Bulb	Plant in groups of 10-12	0	60	0	0
<i>Galanthus elwesii</i>	Spring Bulb: Giant Snowdrops	7/8 cm	Bulb	Plant in groups of 12-15	0	75	0	0

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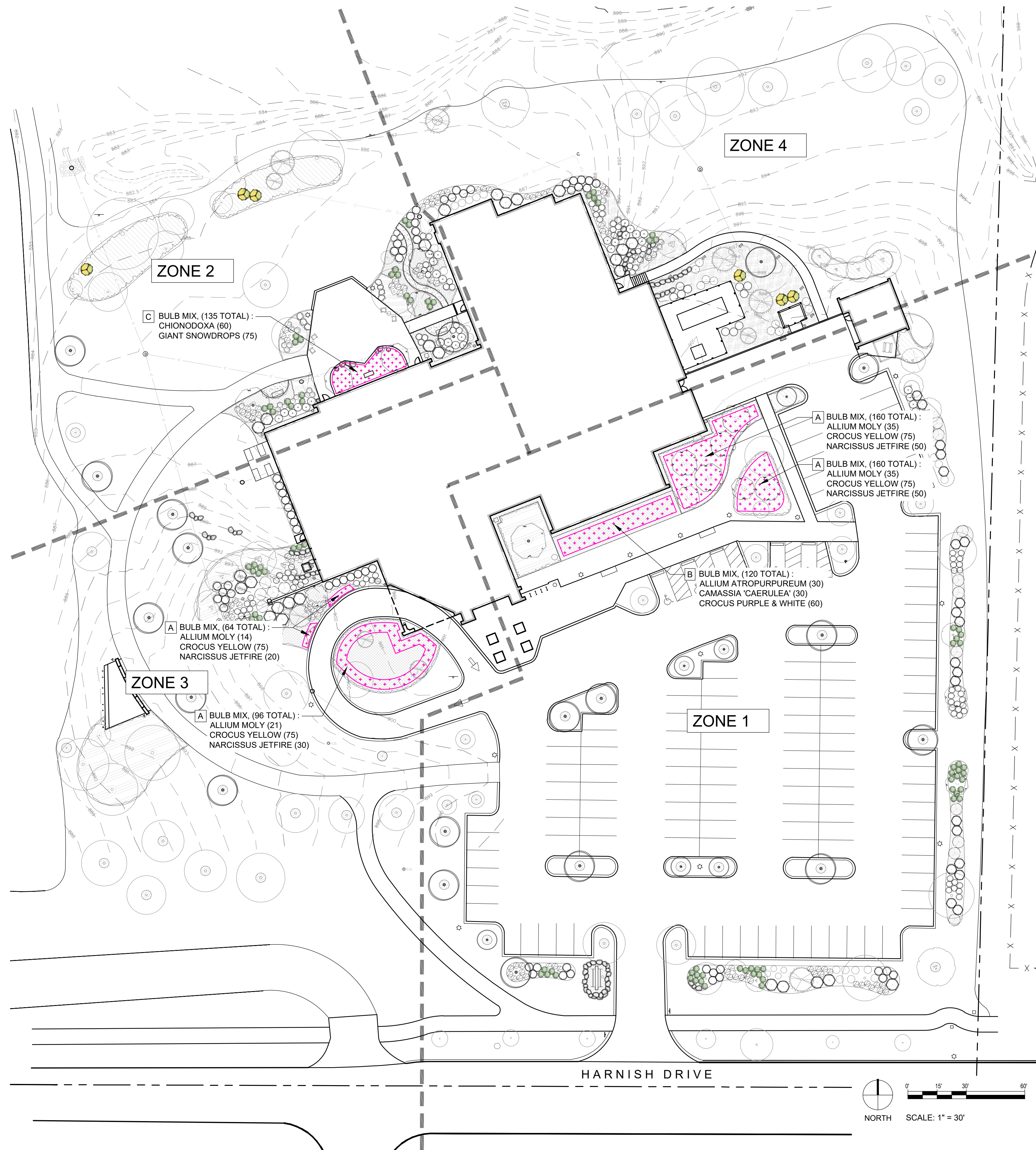
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PLANT LIST

DRAWING NUMBER

15

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LEGEND

BULB PLANTING AREAS



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**BULB PLANTING
 PLAN**

DRAWING NUMBER
16



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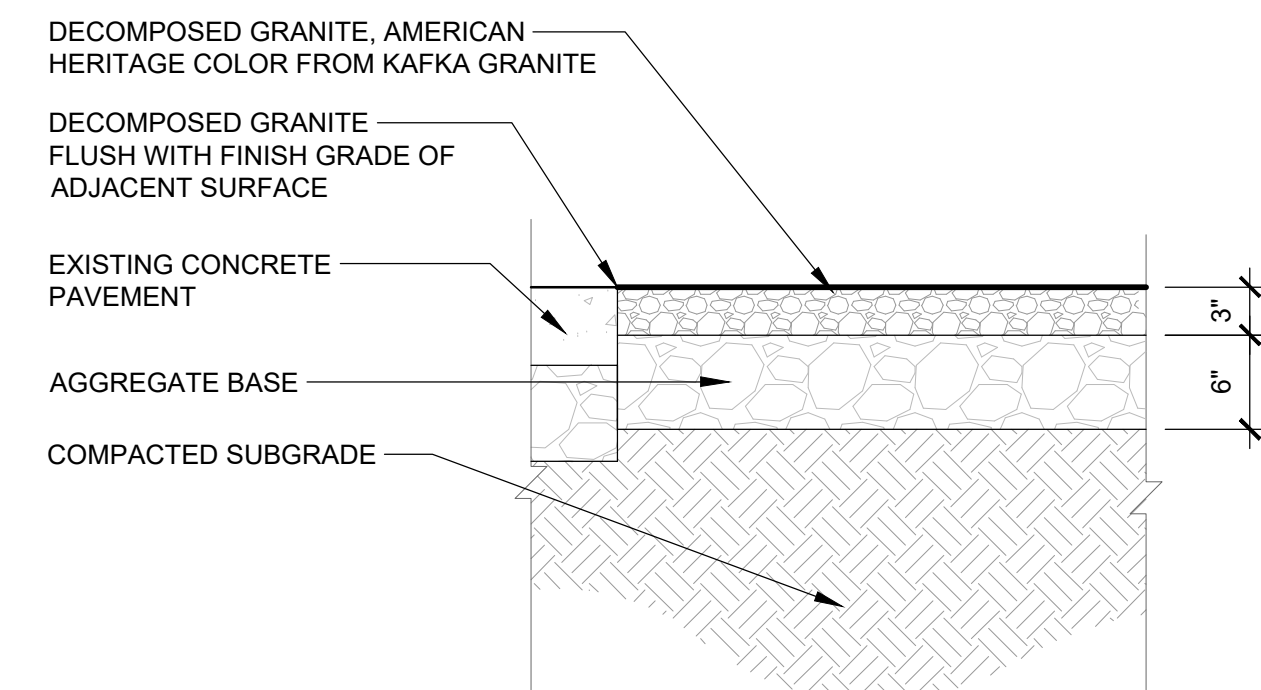
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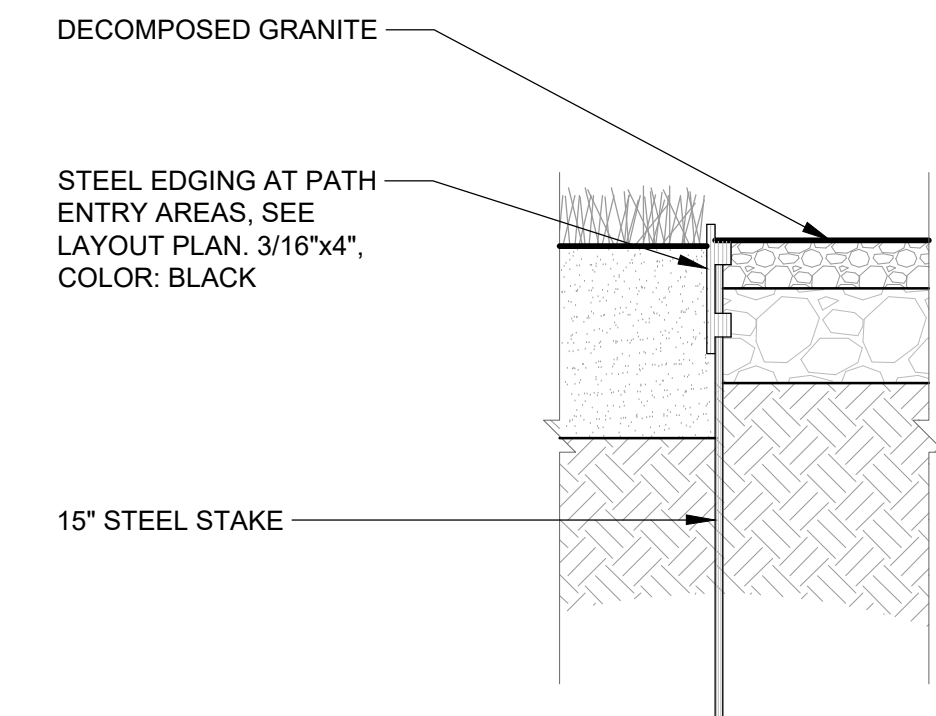
SITE DETAILS

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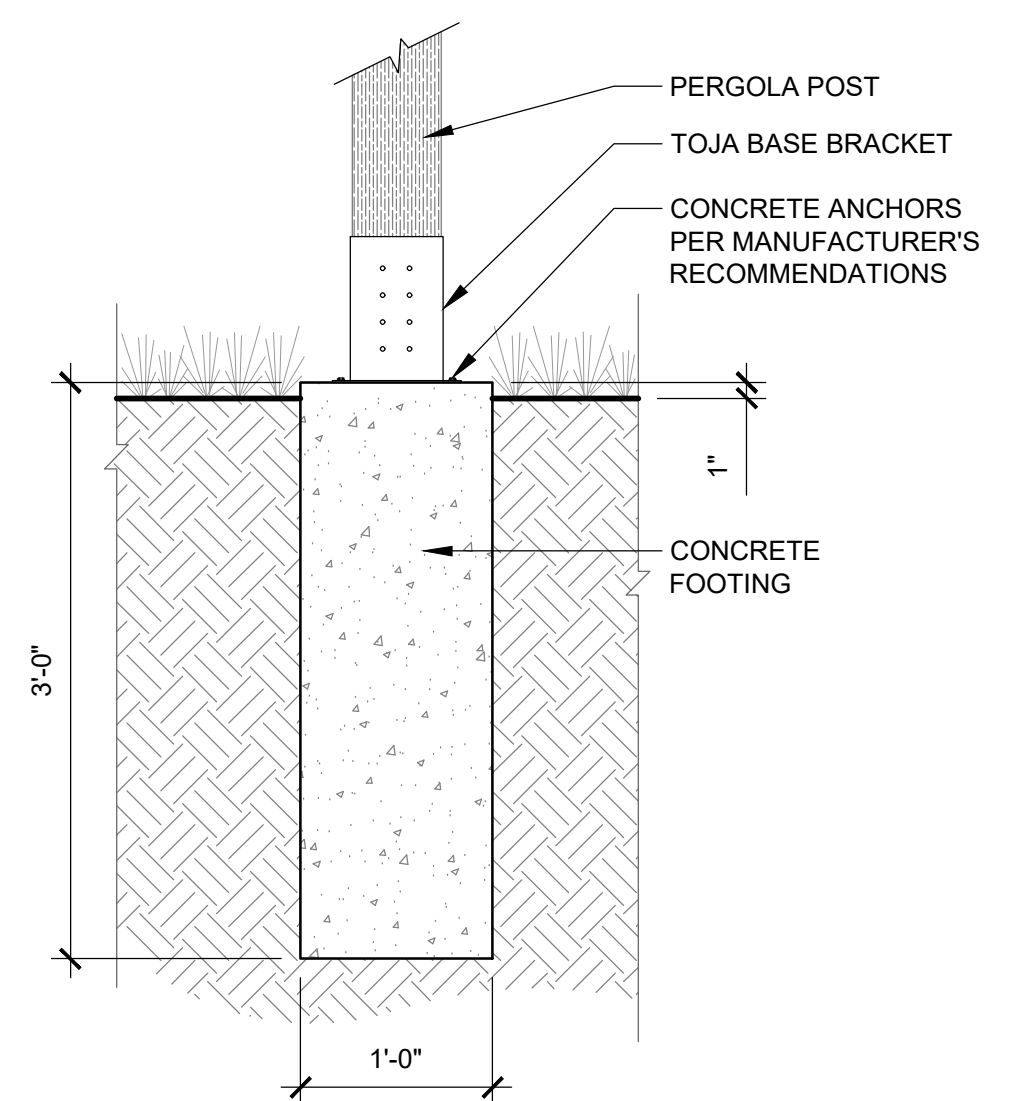
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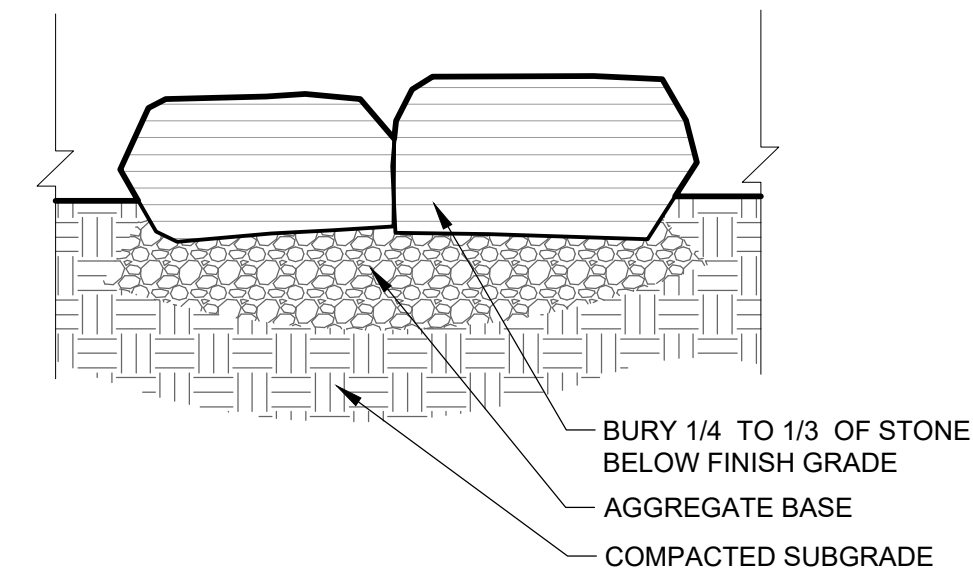
4 DECOMPOSED GRANITE NTS



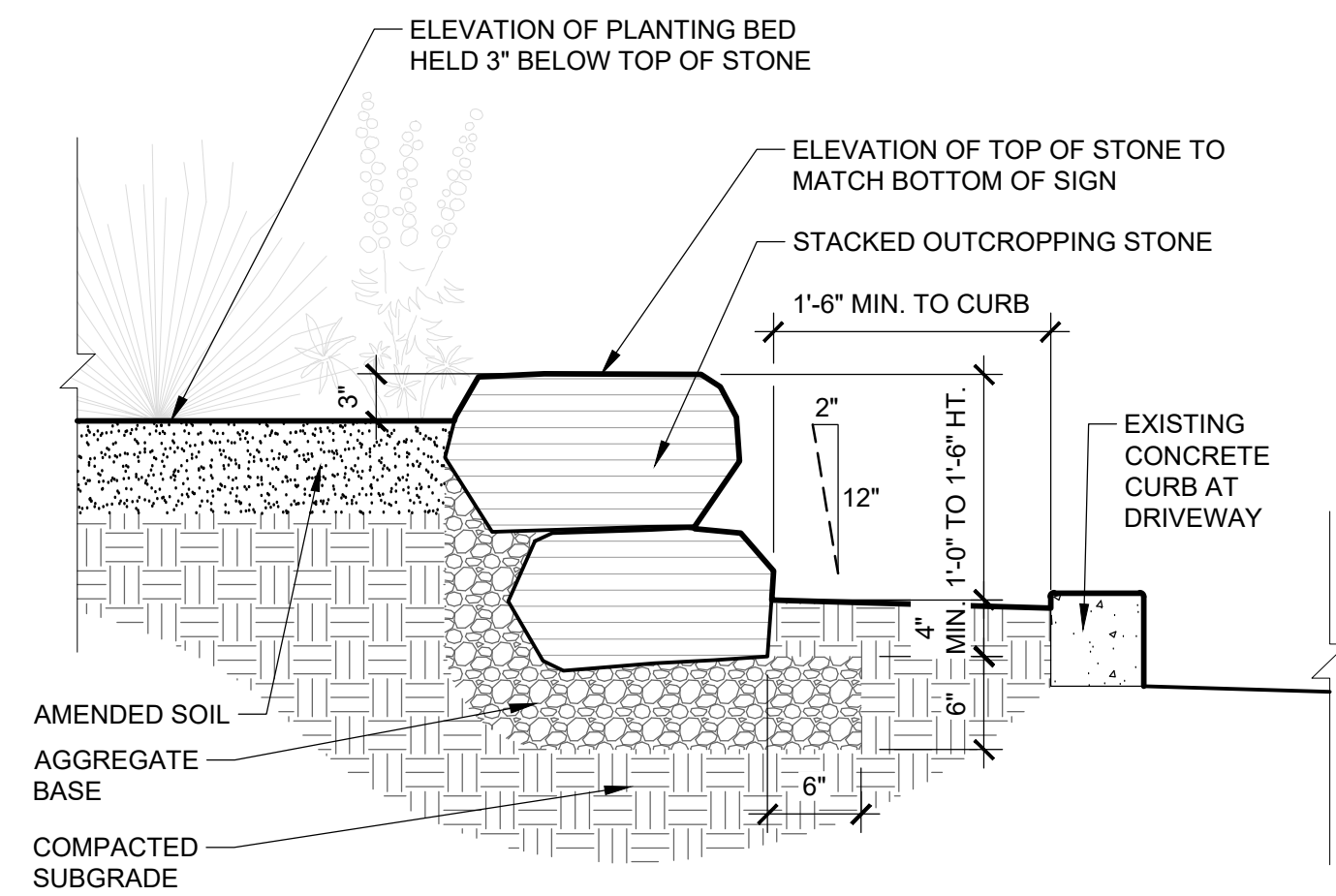
5 STEEL EDGING NTS



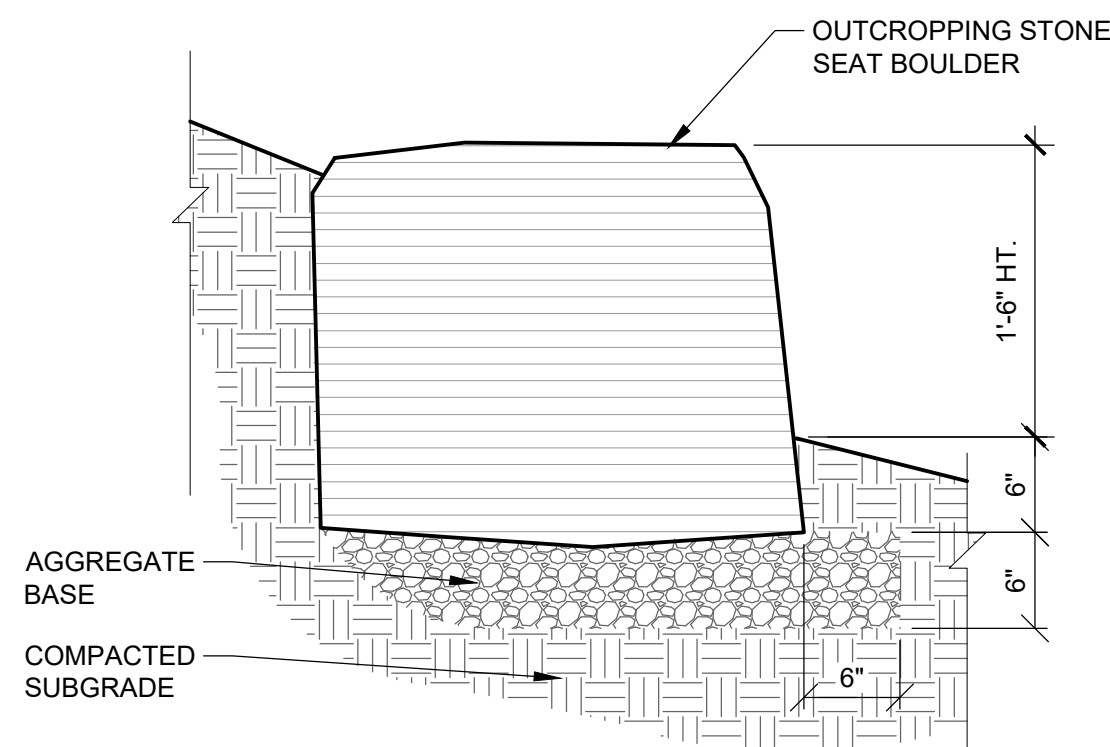
8 PERGOLA FOOTING NTS



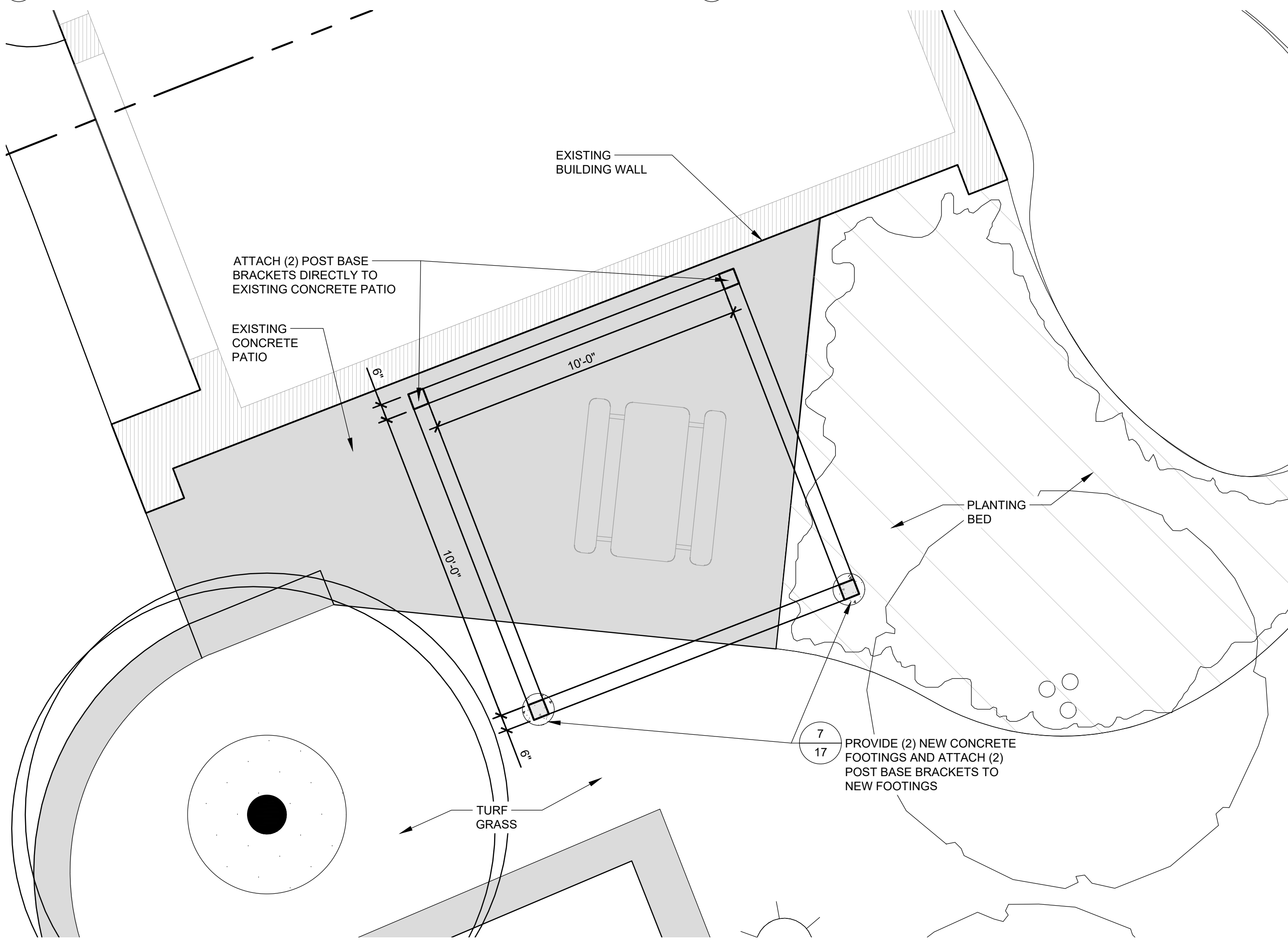
3 ACCENT OUTCROPPING STONE NTS



2 OUTCROPPING STONE WALLS NTS



1 OUTCROPPING STONE SEAT BOULDERS NTS



7 PERGOLA DETAIL PLAN NTS

PERGOLA NOTES:

1. PERGOLA KIT. PROVIDE AND INSTALL TOJA PERGOLA KIT WITH SHADE SAIL. SKU: SA61010GR13, SIZE 10'-0" x 10'-0", LUMBER TYPE: 6x6, LINK: <https://tojaliving.com/products/pergola-kit-with-shade-sail?variant=41450787930183> OR APPROVED EQUAL. FURNISH ALL COMPONENTS REQUIRED FOR COMPLETE INSTALLATION, INCLUDING SHADE SAIL SYSTEM, BRACKETS, CONNECTORS, AND HARDWARE.
2. LUMBER. PROVIDE PRESSURE-TREATED 6X6 WOOD POSTS AND BEAMS COMPATIBLE WITH PERGOLA KIT REQUIREMENTS. VERIFY ALL MEMBER LENGTHS AND CUTS IN FIELD PRIOR TO FABRICATION AND INSTALLATION.
3. FOUNDATIONS AND ANCHORAGE. ANCHOR TWO (2) POST BASE BRACKETS TO EXISTING CONCRETE PATIO AS SHOWN. PROVIDE TWO (2) NEW CAST-IN-PLACE CONCRETE FOOTINGS, 12" DIAMETER X 36" DEEP MINIMUM, AT LOCATIONS SHOWN ON PLANS. ANCHOR REMAINING TWO (2) POST BASE
4. BRACKETS TO NEW FOOTINGS. CONTRACTOR SHALL FIELD VERIFY ALL FOOTING LOCATIONS PRIOR TO EXCAVATION TO ENSURE PROPER ALIGNMENT AND FIT WITH EXISTING CONDITIONS.
5. INSTALLATION. INCLUDE ALL EXCAVATION, SUBGRADE PREPARATION, CONCRETE, FORMWORK, REINFORCEMENT, ANCHORING HARDWARE, FASTENERS, LUMBER, PERGOLA COMPONENTS, TOOLS, EQUIPMENT, LABOR, AND INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK. INSTALL PER MANUFACTURER RECOMMENDATIONS.
6. COORDINATION. CONTRACTOR SHALL COORDINATE PERGOLA LAYOUT, FOOTING LOCATIONS, AND FINISHED GRADES WITH EXISTING SITE CONDITIONS AND ADJACENT IMPROVEMENTS PRIOR TO INSTALLATION.



6 PERGOLA KIT WITH SHADE SAIL NTS

NOTES:

1. MATERIAL. PROVIDE EDEN OUTCROPPING STONE SEAT BOULDERS (OR APPROVED EQUAL).
2. SIZE. BOULDERS TO BE APPROXIMATELY 18-24" WIDE X 12-18" DEEP X 24" HIGH. PROVIDE PIECES WITH ONE RELATIVELY FLAT, STABLE TOP SURFACE SUITABLE FOR SEATING.
3. ORIENTATION. COORDINATE PLACEMENT AND ROTATION IN FIELD TO ACHIEVE NATURALIZED APPEARANCE AND PROPER SEAT HEIGHT ALIGNMENT.
4. FINISHED SEAT HEIGHT. PROVIDE CONSISTENT FINISHED SEAT HEIGHT OF APPROXIMATELY 16"-18" ABOVE ADJACENT GRADE.

1 OUTCROPPING STONE SEAT BOULDERS NTS

NOTES:

1. MATERIAL. PROVIDE EDEN OUTCROPPING STONE (OR APPROVED EQUAL).
2. SIZE. STONES TO BE APPROXIMATELY 18-24" WIDE X 12-18" DEEP X 6-10" HIGH.
3. WALL CONSTRUCTION. CONSTRUCT WALLS TO AN EXPOSED HEIGHT OF 12"-18". BURY FIRST COURSE ON 6" COMPACTED CA-6 AGGREGATE BASE OVER COMPACTED SUBGRADE. STEP WALL BACK 2" HORIZONTALLY FOR EVERY 12" OF VERTICAL WALL HEIGHT TO PROVIDE STABILITY AND A NATURALIZED APPEARANCE.
4. SOIL PREPARATION. AMEND EXISTING SOIL IN PLANTING BED WITH 2" COMPOST. WHERE ADDITIONAL FILL IS REQUIRED, PROVIDE HIGH-QUALITY PLANTING SOIL. SUBGRADE PROTECTION. MINIMIZE COMPACTION OF ADJACENT TOPSOIL AND SUBGRADE DURING INSTALLATION.
5. STONE ORIENTATION. PLACE ALL STONES WITH NATURAL STRIATION AND BANDED LAYERS IN A HORIZONTAL DIRECTION, CONSISTENT WITH ORIGINAL QUARRIED ORIENTATION.

2 OUTCROPPING STONE WALLS NTS

NOTES:

1. MATERIAL. PROVIDE EDEN OUTCROPPING STONE (OR APPROVED EQUAL).
2. SIZE. STONES TO BE APPROXIMATELY 18-24" WIDE X 12-18" DEEP X 6-10" HIGH.
3. STONE PLACEMENT. BURY 1/4 TO 1/3 OF EACH STONE BELOW FINISHED GRADE. PLACE STONES ON 6" COMPACTED CA-6 AGGREGATE BASE OVER COMPACTED SUBGRADE.
4. STONE ORIENTATION. PLACE ALL STONES WITH NATURAL STRIATION AND BANDED LAYERS IN A HORIZONTAL DIRECTION, CONSISTENT WITH ORIGINAL QUARRIED ORIENTATION.
5. PLACEMENT INTENT. COORDINATE STONE SIZE, SPACING, AND ROTATION IN FIELD TO ACHIEVE A NATURALIZED APPEARANCE.

3 ACCENT OUTCROPPING STONE NTS

