Preliminary Landscape Plan Set

CHARLESTOWNE LAKES

St. Charles, Illinois

May 13, 2022

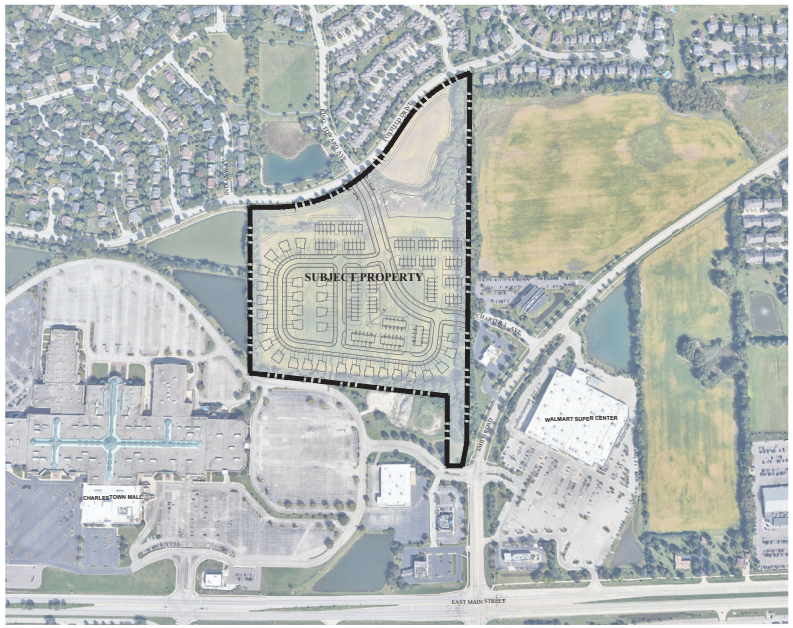
CONSULTANTS:

LANDSCAPE ARCHITECT:

GARY R. WEBER ASSOCIATES, INC
402 W. LIBERTY DRIVE
WHEATON, ILLINOIS 60187

CONSULTANT:

CAGE ENGINEERING
3110 WOODCREEK DR.
DOWNERS GROVE, IL 60515



LOCATION MAP
SCALE: 1"=300'

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INDEX OF SHEETS

SHEET NO.	DESCRIPTION
0	COVER SHEET
1	OVERALL LANDSCAPE PLAN
2	LANDSCAPE PLAN
3	LANDSCAPE PLAN
4	LANDSCAPE DETAILS
5	TYPICAL FOUNDATION PLAN
6	MONUMENT DETAIL
7	TREE INVENTORY
8	TREE PRESERVATION PLAN
9	TREE PRESERVATION PLAN
10	LANDSCAPE SPECIFICATIONS

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LANDSCAPE REQUIREMENTS

Landscape Area = 593,171 s.f.
44.5% of total site

Public Street Frontage

Foxfield Drive
Length: 1,306
Required: 1 Tree/ 50L.F.
40% Coverage (with water feature)
1306 L.F. / 50 = 42 Trees
0.40*1306 = 522.4 LF coverage

Provided:
20 Shade Trees
23 Ornamental Trees
42 Evergreen Trees
85 Total Trees

Coverage = 551 L.F.

King Edward Avenue East
Length: 940
Required: 1 Tree/ 50 L.F.
40% Coverage (open space feature)
940 L.F. / 50 = 19 Trees
0.40*940 = 376 LF coverage

Provided:
6 Shade Trees
9 Ornamental Trees
8 Evergreen Trees
23 Total Trees

Coverage = 414 L.F.

King Edward Avenue West
Length: 922
Required: 1 Tree/ 50L.F.
40% Coverage (with open space feature)
922 L.F. / 50 = 19 Trees
0.40*922 = 369 LF coverage

Provided:
5 Shade Trees
14 Ornamental Trees
18 Evergreen Trees
37 Total Trees

Coverage = 442 L.F.

Local Streets
Length: 2264
Required: 1 Tree/ 50L.F.
75% Coverage
2264 L.F. / 50 = 45 Trees
0.75*2264 = 1,698 LF coverage

Provided:
10 Shade Trees
27 Ornamental Trees (see note 1)
15 Evergreen Trees
52 Total Trees

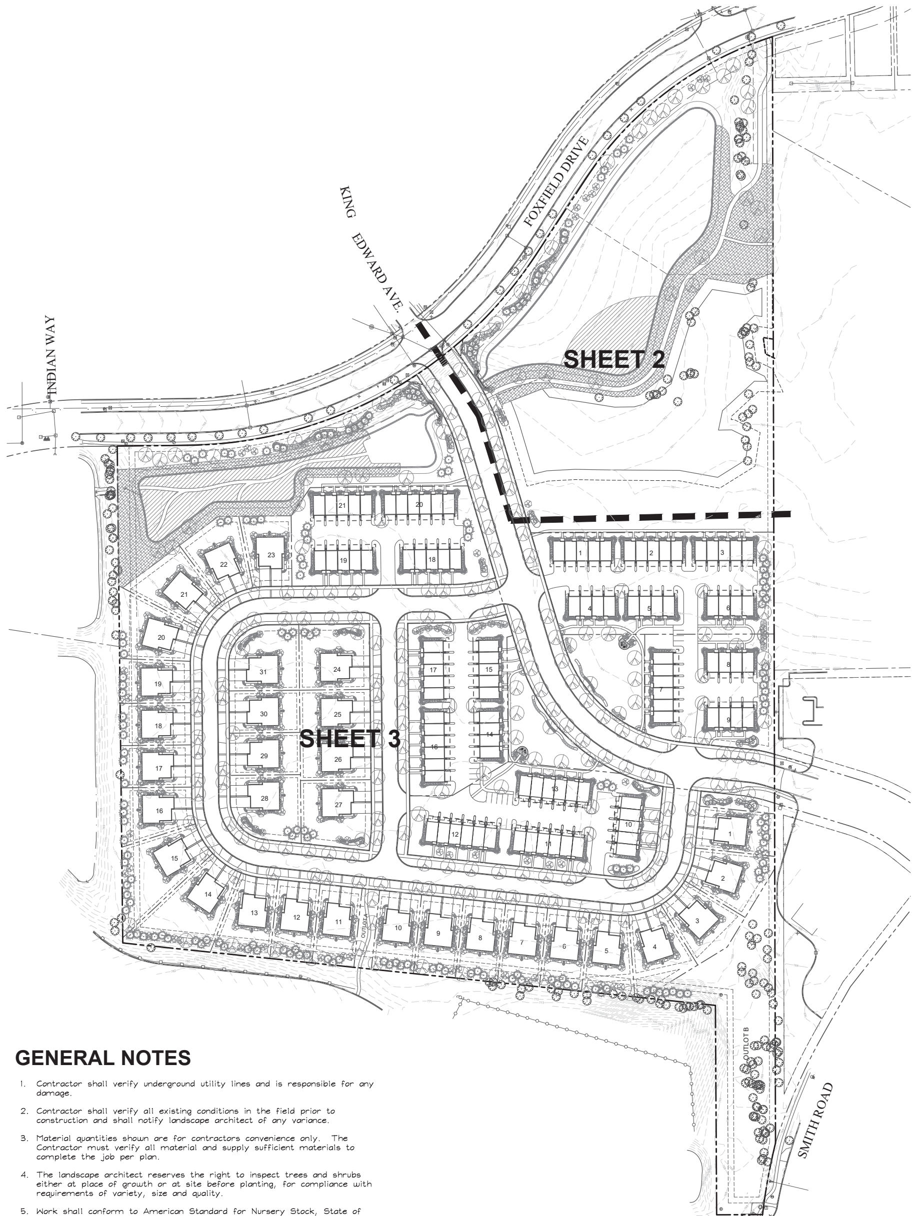
Coverage = 1389 L.F. (see note 1)

Note 1: includes foundation plantings within the front and exterior side yards

NOTE: QUANTITIES TO BE PROVIDED AT FINAL

PLANT LIST

Key	Qty	Botanical/Common Name	Size	Remarks
		SHADE TREES		
AA	-	Acer x freemanii 'Jeffer's Red' AUTUMN BLAZE MAPLE	2 1/2" Cal.	
AA4	-	Acer x freemanii 'Jeffer's Red' AUTUMN BLAZE MAPLE	4" Cal.	
AM	-	Acer miyabei 'Morton' STATE STREET MAPLE	2 1/2" Cal.	
AS	-	Acer x saccharum 'Green Mountain' GREEN MOUNTAIN SUGAR MAPLE	2 1/2" Cal.	
CO	-	Celtis occidentalis COMMON HACKBERRY	2 1/2" Cal.	
GT	-	Gleditsia triacanthos var. inermis 'Skycole' SKYLINE HONEYLOCUST	2 1/2" Cal.	
LT	-	Liriodendron tulipifera TULIPTREE	2 1/2" Cal.	
LS	-	Liquidambar styraciflua 'Moraine' MORAINE SWEETGUM	2 1/2" Cal.	
PM	-	Platanus x acerifolia 'Morton Circle' EXCLAMATION! LONDON PLANETREE	2 1/2" Cal.	
QB	-	Quercus bicolor SWAMP WHITE OAK	2 1/2" Cal.	
QM	-	Quercus macrocarpa BUR OAK	2 1/2" Cal.	
QR	-	Quercus rubra RED OAK	2 1/2" Cal.	
TA	-	Tilia americana 'Redmond' REDMOND AMERICAN LINDEN	2 1/2" Cal.	
UM	-	Ulmus 'Morton Glossy' TRIUMPH ELM	2 1/2" Cal.	
		ORNAMENTAL TREES		
AG	-	Amelanchier x grandiflora APPLE SERVICEBERRY	6' Ht.	Multi-Stem
BN	-	Betula nigra 'Cully' HERITAGE RIVER BIRCH	6' Ht.	Multi-Stem
CA	-	Carpinus caroliana AMERICAN HORNBEAM	2" Cal.	Tree Form
CC	-	Cercis canadensis EASTERN REDBUD	6' Ht.	Multi-Stem
CM	-	Cornus mas CORNELIANCHERRY DOGWOOD	6' Ht.	Multi-Stem
MP	-	Malus 'Prairifire' PRAIRIFIRE CRABAPPLE	6' Ht.	Multi-Stem
		EVERGREEN TREES		
AC	-	Abies concolor WHITE FIR	8' Ht.	
JF	-	Juniperus chinensis 'Fairview' FAIRVIEW JUNIPER	8' Ht.	
PA	-	Picea abies NORWAY SPRUCE	8' Ht.	
PG	-	Picea glauca var. densata BLACK HILLS SPRUCE	8' Ht.	
PO	-	Picea omorika SERBIAN SPRUCE	8' Ht.	
PS	-	Pinus strobus WHITE PINE	8' Ht.	
		DECIDUOUS SHRUBS		
CS	-	Cornus sericea 'Baileyi' BAILEY'S REDTWIG DOGWOOD	36" Tall	5' O.C.
CF	-	Cornus sericea 'Farrow' ARCTIC FIRE REDTWIG DOGWOOD	24" Tall	3' O.C.
HA	-	Hydrangea arborescens 'Abetwo' INCREDIBALL HYDRANGEA	24" Tall	3' O.C.
HP	-	Hydrangea paniculata 'SMHPLQF' LITTLE QUICK FIRE HYDRANGEA	24" Tall	3' O.C.
RA	-	Rhus aromatica 'Gro-low' GRO-LOW SUMAC	24" Wide	3' O.C.
SM	-	Syringa meyeri 'Palabin' DWARF KOREAN LILAC	24" Tall	4' O.C.
VJ	-	Viburnum x juddii JUDD VIBURNUM	36" Tall	4' O.C.
		EVERGREEN SHRUBS		
JS	-	Juniperus chinensis var. sargentii 'Viridis' GREEN SARGENT JUNIPER	24" Wide	4' O.C.
CP	-	Chamaecyparis pisifera 'Golden Mop' JAPANESE FALSE CYPRESS	24" Wide	3' O.C.
TM	-	Taxus x media 'Everlow' EVERLOW YEW	24" Wide	4' O.C.
		ORNAMENTAL GRASSES		
CK	-	Calamagrostis x acutiflora 'Karl Foerster' FEATHER REED GRASS	#1	24" O.C.
PV	-	Panicum virgatum 'Shenandoah' SHENANDOAH SWITCHGRASS	#1	24" O.C.
PH	-	Panicum virgatum 'Heavy Metal' HEAVY METAL SWITCHGRASS	#1	24" O.C.
SH	-	Sporobolus heterolepis PRAIRIE DROPSEED	#1	24" O.C.
		PERENNIALS		
GB	-	Geranium 'Brookside' BROOKSIDE GERANIUM	#1	18" O.C.
HH	-	Hemerocallis 'Happy Returns' HAPPY RETURNS DAYLILY	#1	18" O.C.
NM	-	Nepeta 'Cats Pajamas' CATS PAJAMAS CATMINT	#1	18" O.C.
RG	-	Rudbeckia fulgida 'Goldsturm' GOLDSTRUM BLACK-EYED SUSAN	#1	18" O.C.
SE	-	Sedum 'Autumn Joy' AUTUMN JOY SEDUM	#1	18" O.C.
PF	-	Phlox x glaberrima 'Forever Pink' FOREVER PINK PLOX	#1	18" O.C.
		MISC. MATERIALS		
	-	SHREDDED HARDWOOD MULCH	C.Y.	
	-	SOD	S.Y.	
	-	TURF SEED & EROSION CONTROL BLANKET	AC.	



GENERAL NOTES

1. Contractor shall verify underground utility lines and is responsible for any damage.
2. Contractor shall verify all existing conditions in the field prior to construction and shall notify landscape architect of any variance.
3. Material quantities shown are for contractors convenience only. The Contractor must verify all material and supply sufficient materials to complete the job per plan.
4. The landscape architect reserves the right to inspect trees and shrubs either at place of growth or at site before planting, for compliance with requirements of variety, size and quality.
5. Work shall conform to American Standard for Nursery Stock, State of Illinois Horticultural Standards, and Local Municipal requirements.
6. Contractor shall secure and pay for all permits, fees, and inspections necessary for the proper execution of this work and comply with all codes applicable to this work.
7. See General Conditions and Specifications for landscape work for additional requirements.

0 50' 100' 200' 300'
SCALE: 1"=100'

NORTH

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CHARLESTOWNE LAKES
ST. CHARLES, ILLINOIS
OVERALL LANDSCAPE PLAN

3	5.13.2022
2	3.24.2022
1	2.24.2022
REVISIONS	

DATE	12.03.2021
PROJECT NO.	DR2061
DRAWN	JLT
CHECKED	MGM
SHEET NO.	

NATIVE SEED MIXTURES

Temporary Cover Crop

Cover crops shall be installed in all planting areas containing dry mesic, mesic, and wet mesic soils to, stabilize soils, and combat weed pressure during the germination and establishment of the native seeding area.

Botanical Name	Common Name	lbs / AC
Spring Cover Crop		
Avena sativa	Seed Oats	30.000
Fall or Dormant Cover Crop		
Tricticum aestivum	Regreen	10.000

Emergent Wetland Plant Mix

Stormwater basin bottoms in areas with 6" of water

Botanical Name	Common Name	lbs / AC	Plugs / AC.
Acorus americanus	Sweet Flag	0.500	494
Alisma subcordatum	Water Plantain	1.250	
Iris virginica shrevei	Blue Flag	0.500	494
Juncus effusus	Common Rush	0.500	
Leersia oryzoides	Rice Cut Grass	1.250	494
Pontederia cordata	Pickerel Weed	0.250	494
Sagittaria latifolia	Common Arrowhead	1.250	494
Scirpus acutus	Hardstem Bulrush	0.500	988
Scirpus fluviatilis	River Bulrush	1.000	494
Scirpus pungens	Chairmaker's Rush	0.250	
Scirpus validus	Great Bulrush	0.500	988
Sparganium eurycarpum	Bur Reed	1.000	494
	Total Emergent Wetland Mix	**8.750**	**5434**

Wet Meadow Seed Mixture

Lower slopes of basin

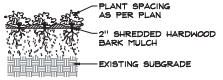
Botanical Name	Common Name	lbs / AC
Grasses / Sedges		
Carex bebbii	Bebbs Oval Sedge	0.250
Carex bicknellii	Bicknells Sedge	0.125
Carex brevior	Plains Oval Sedge	0.250
Carex cristatella	Crested Oval Sedge	0.060
Carex molesta	Field Oval Sedge	0.250
Carex normalis	Spreading Oval Sedge	0.015
Carex scoparia	Pointed Broom Sedge	0.190
Carex stipata	Common Fox Sedge	0.060
Carex vulpinoidea	Brown Fox Sedge	0.250
Elymus virginicus	Virginia Wild Rye	3.000
Glyceria striata	Fowl Manna Grass	0.130
Juncus dudleyi	Dudleys Rush	0.020
Juncus torreyi	Torreys Rush	0.031
Panicum virgatum	Switch Grass	3.000
Scirpus atrovirens	Dark Green Bulrush	0.060
Scirpus cyperinus	Wool Grass	0.030
	Total Grasses / Sedges	**7.721**
Wildflowers/Broadleaves		
Asclepias incarnata	Swamp Milkweed	0.125
Bidens cernua	Nodding Bur Marigold	0.190
Boltonia asteroids	False Aster	0.031
Chamaecrista fasciculate	Partridge pea	0.188
Euthamia grammifolia	Grassleaved Goldenrod	0.300
Eupatorium perfoliatum	Common Boneset	0.015
Helenium autumnale	Sneezeweed	0.063
Iris virginica shrevei	Blue Flag Iris	1.000
Lobelia siphilitica	Great Blue Lobelia	0.031
Mimulus ringens	Monkey Flower	0.031
Symphyotrichium novae-angliae	New England Aster	0.250
Pycnanthemum virginianum	Common Mountain Mint	0.063
Rudbeckia fulgida var. sullivantii	Showy Black-Eyed Susan	0.250
Zizia aurea	Golden Alexanders	0.500
	Total Forbs	**3.037**
	Total Wet Meadow Seed Mix	**10.758**

Low Profile Prairie with Flowers Seed Mix

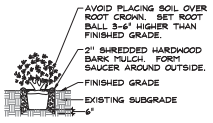
Upper basin slopes

Botanical Name	Common Name	lbs / AC
Grasses		
Bouteloua curtipendula	Side Oats Grama	8.000
Panicum virgatum	Prairie Switch Grass	0.125
Elymus trachycaulus	Slender Wheatgrass	2.000
Elymus canadensis	Prairie Wild Rye	1.000
Schizachyrium scoparium	Little Bluestem	6.000
	Total Grasses	**17.125**
Wildflowers/Broadleaves		
Allium cernuum	Nodding Wild Onion	0.190
Amorpha canscens	Lead Plant	0.125
Asclepia canadensis	Whorled Milkweed	0.063
Asclepias tuberosa	Butterflyweed	0.500
Astragalus canadensis	Canada Milk Vetch	0.063
Coreopsis palmata	Prairie Coreopsis	0.025
Echinacea pallida	Pale Purple Coneflower	1.000
Echinacea purpurea	Purple Coneflower	0.500
Eryngium yuccifolium	Rattlesnake Master	0.125
Lespedeza capitata	Round-Headed Bush Clover	0.125
Liatris aspera	Rough Blazing Star	0.250
Liatris pycnostachya	Prairie Blazing Star	0.188
Monarda fistulosa	Prairie Bergamot	0.063
Partheium integrifolium	Wild Quinine	0.016
Penstemon digitalis	Foxglove Beard Tongue	0.125
Petalostemum candidum	White Prairie Clover	0.125
Petalostemum purpureum	Purple Prairie Clover	0.156
Potentilla arguta	Prairie Cinquefoil	0.031
Pycnanthemum tenuifolium	Slender Mountain Mint	0.031
Ratibida pinnata	Yellow Coneflower	0.125
Rudbeckia fulgida var. sullivantii	Showy Black-Eyed Susan	0.500
Rudbeckia hirta	Black-Eyed Susan	0.500
Rudbeckia subtomentosa	Sweet Black-Eyed Susan	0.063
Symphyotrichum leave	Smooth Blue Aster	0.063
Tradescantia ohiensis	Common Spiderwort	0.063
Verbena stricta	Hoary Vervain	0.125
Zizia aurea	Golden Alexanders	0.500
	Total Forbs	**5.640**
	Total Low Profile Prairie Seed Mix	**22.765**

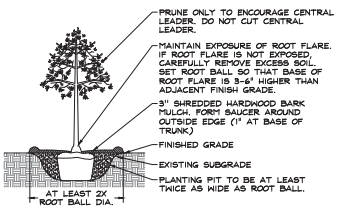
PLANTING DETAILS



PERENNIALS AND GROUNDCOVERS
NOT TO SCALE



DECIDUOUS AND EVERGREEN SHRUBS
NOT TO SCALE



DECIDUOUS TREES
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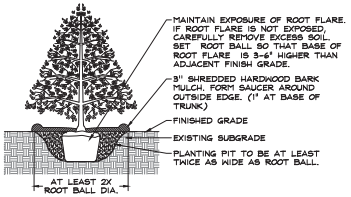
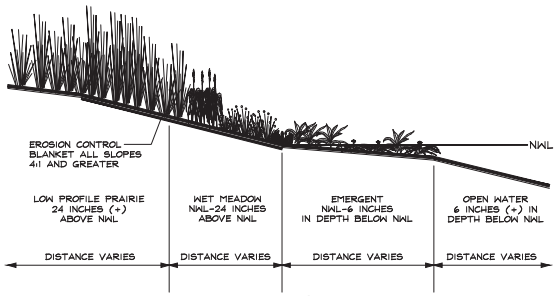


EVERGREEN TREES
NOT TO SCALE



NATURALIZED AREA PLANTING DETAIL

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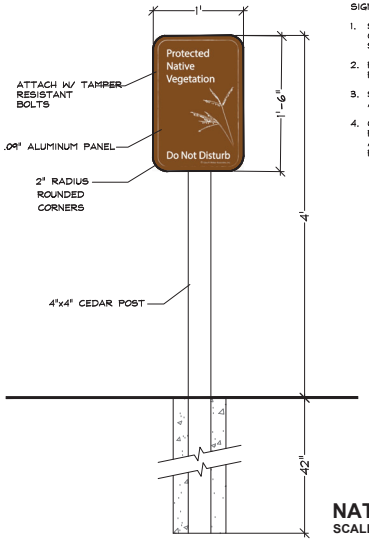
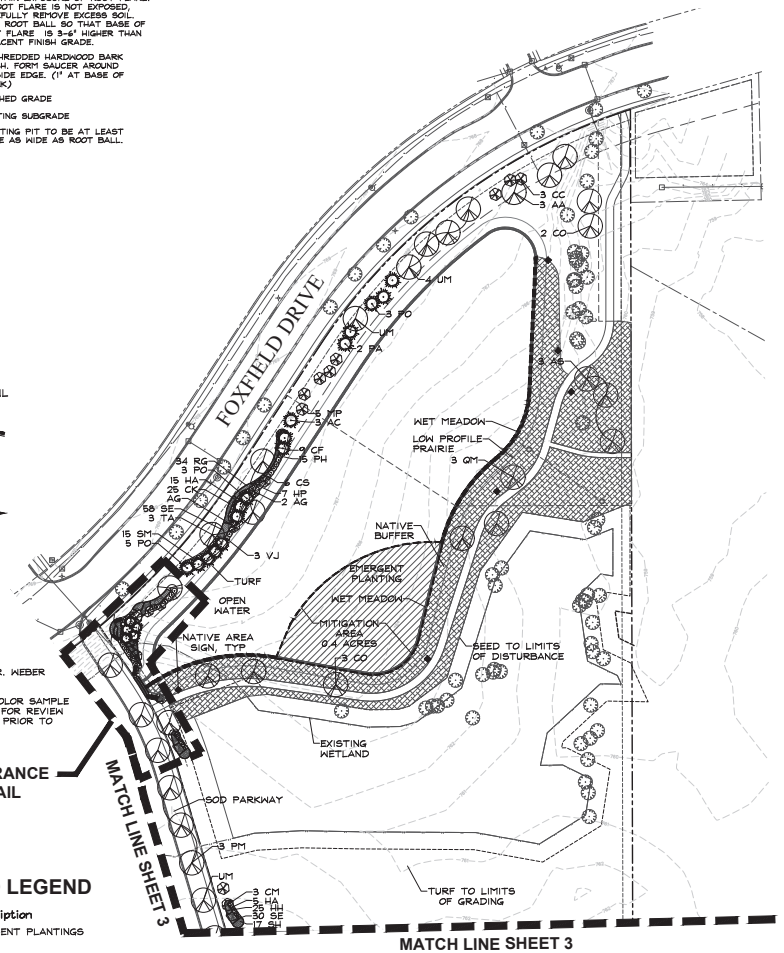


SIGN NOTES:

1. SIGN BACKGROUND COLOR: C=40, M=70, Y=100, K=25. SIGN FONT AND GRAPHIC COLOR: WHITE
2. FONT STYLE: MYRIAD PRO FONT SIZE: 116 PT.
3. SIGN ARTWORK SHALL BE PROVIDED BY GARY R. WEBER ASSOCIATES, INC.
4. CONTRACTOR TO SUBMIT SHOP DRAWING AND COLOR SAMPLE FOR THE PROTECTED NATIVE VEGETATION SIGN FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO FABRICATION AND INSTALLATION.

NATIVE AREA SIGN DETAIL

SCALE: NTS



FOXFIELD DRIVE ENTRANCE LANDSCAPE SEE DETAIL SHEET 4

NATIVE SEED LEGEND

Key	Description
	EMERGENT PLANTINGS
	WET MEADOW SEED MIX
	LOW PROFILE PRAIRIE SEED MIX

0 30' 60' 120' 180'
SCALE: 1"=60'

NORTH

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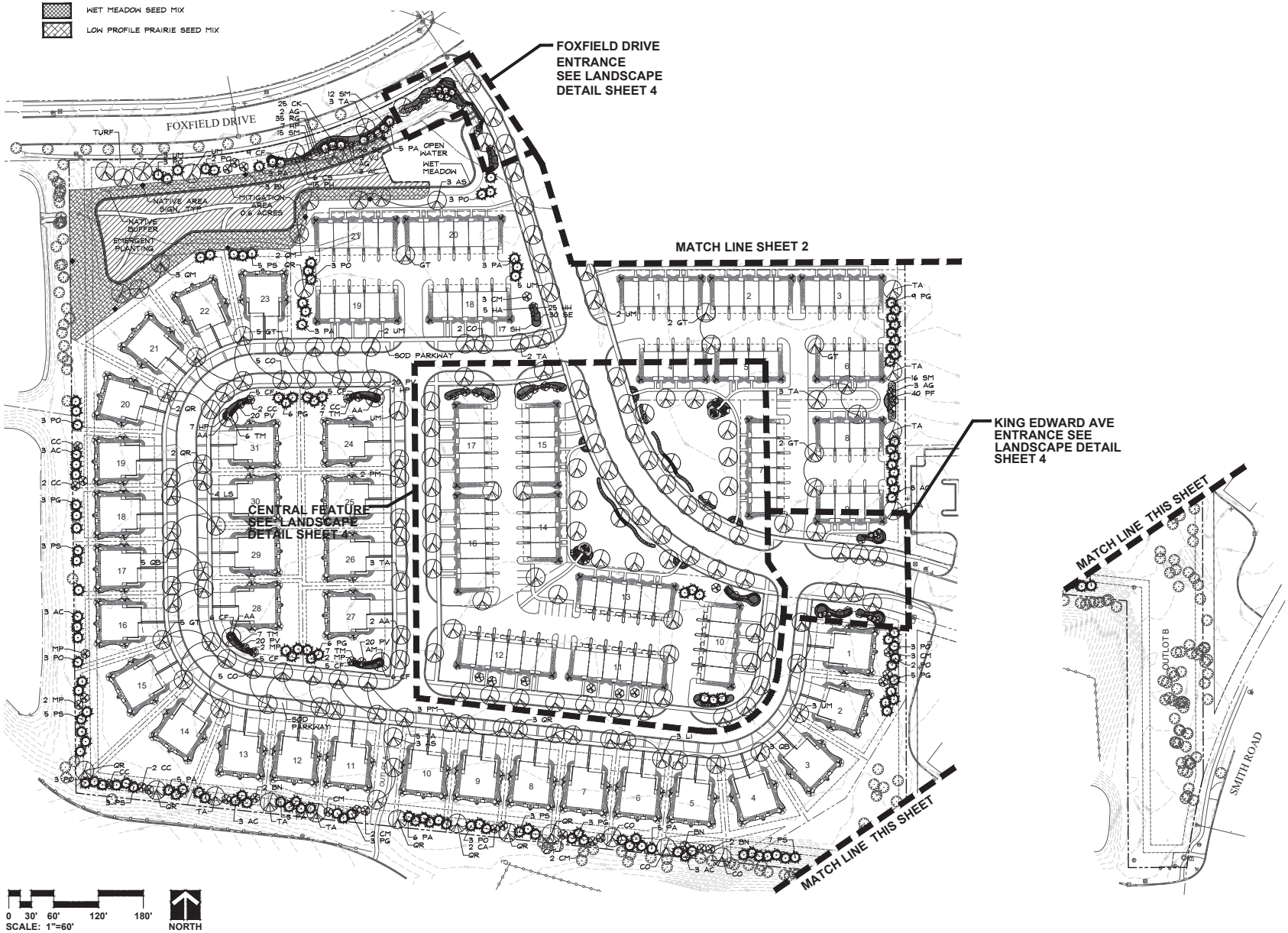
Key	Description
	EMERGENT PLANTINGS
	WET MEADOW SEED MIX
	LOW PROFILE PRAIRIE SEED MIX



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WHEATON, ILLINOIS [illegible]
PHONE: [illegible]

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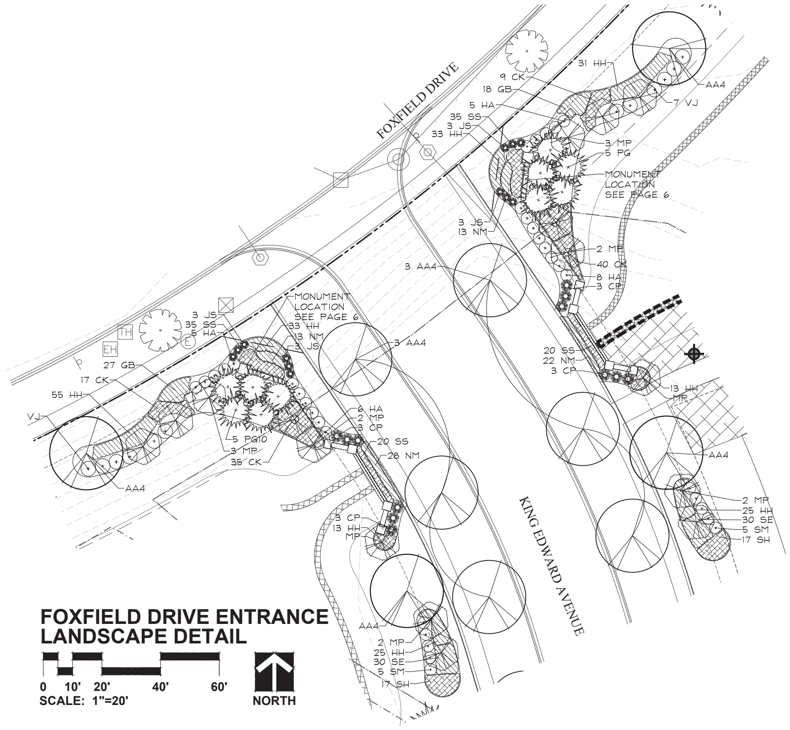
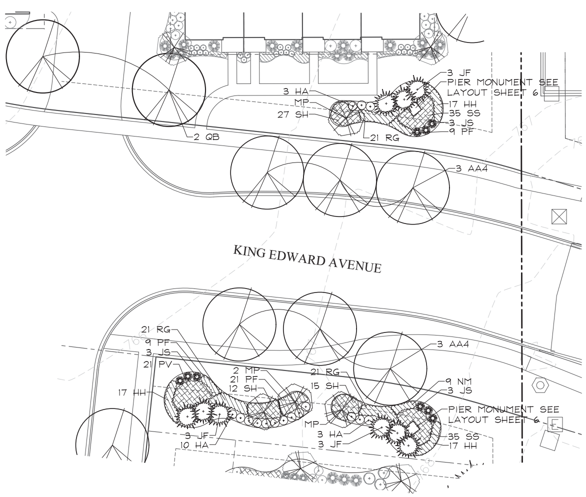
3 OF 10



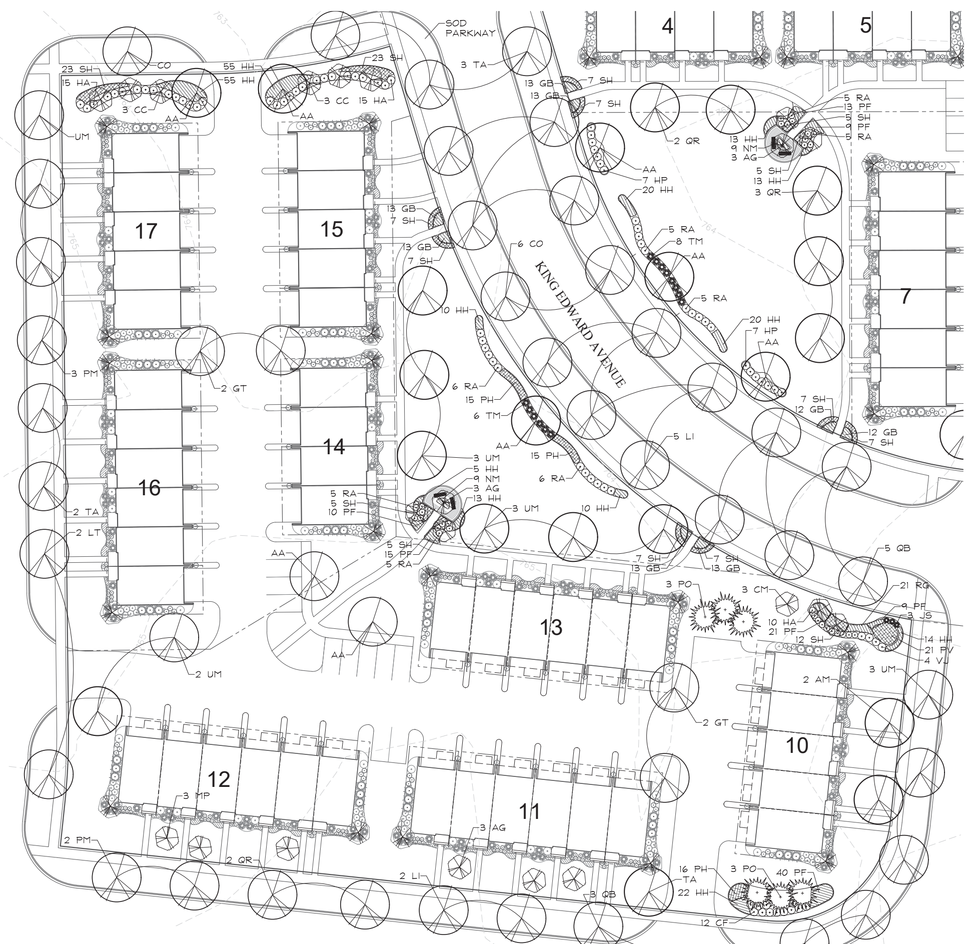
FOXFIELD DRIVE ENTRANCE LANDSCAPE DETAIL

0 10' 20' 40' 60'
SCALE: 1"=20'
NORTH



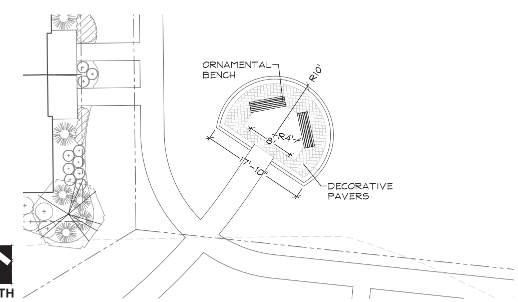
KING EDWARD AVE ENTRANCE LANDSCAPE DETAIL

0 10' 20' 40' 60'
SCALE: 1"=20'
NORTH



CENTRAL FEATURE LANDSCAPE DETAIL

0 15' 30' 60' 90'
SCALE: 1"=30'
NORTH



TYPICAL SEATING AREA LAYOUT PLAN

0 5' 10' 20' 30'
SCALE: 1"=10'
NORTH

GRWA
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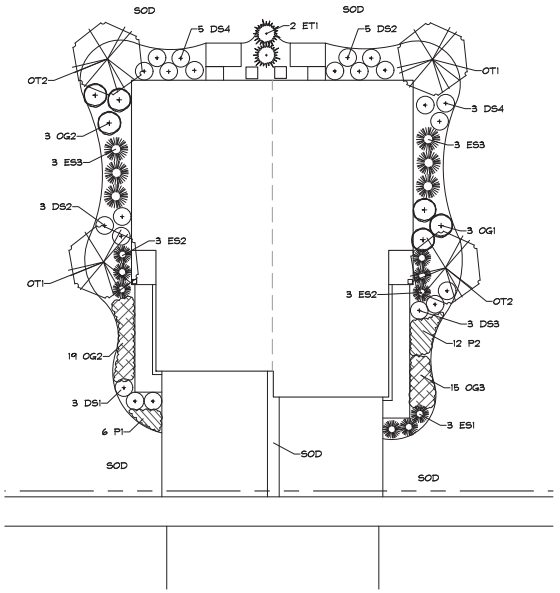
TYPICAL DUPLEX FOUNDATION PLANT LIST A

Key	Qty	Botanical/Common Name	Size	Remarks
		ORNAMENTAL TREES		
OT1	2	Malus 'Jewelcole' RED JEWEL CRABAPPLE	6' Ht.	Multi-Stem
OT2	2	Magnolia stellata 'Royal Star' ROYAL STAR MAGNOLIA	6' Ht.	Multi-Stem
		EVERGREEN TREES		
ET1	2	Thuja occidentalis 'Smaragd' EMERALD GREEN ARBORVITAE	6' Ht.	5' O.C.
		DECIDUOUS SHRUBS		
DS1	3	Hydrangea macrophylla 'Ballmer' ENDLESS SUMMER HYDRANGEA	24" Tall	3' O.C.
DS2	8	Hydrangea quercifolia 'Pee Wee' PEE WEE OAKLEAF HYDRANGEA	24" Tall	3' O.C.
DS3	3	Fothergilla gardenii DWARF FOTHERGILLA	24" Tall	3' O.C.
DS4	8	Clethera alnifolia 'Hummingbird' HUMMINGBIRD SUMMERSWEET	24" Tall	3' O.C.
		EVERGREEN SHRUBS		
ES1	3	Juniperus sabina 'Blue Forest' BLUE FOREST JUNIPER	24" Wide	5' O.C.
ES2	6	Taxus x media 'Everlow' EVERLOW YEW	24" Wide	4' O.C.
ES3	6	Juniperus chinensis 'Kallays Compact' KALLAYS COMPACT PFITZER JUNIPER	24" Wide	4' O.C.
		ORNAMENTAL GRASSES		
OG1	3	Calamagrostis x acutiflora 'Karl Foerster' FEATHER REED GRASS	#1	30" O.C.
OG2	22	Sesleria autumnalis AUTUMN MOOR GRASS	#1	24" O.C.
OG3	15	Sporobolus heterolepis PRAIRIE DROPSEED	#1	24" O.C.
		PERENNIALS		
P1	6	Hemerocallis 'Happy Returns' HAPPY RETURNS DAYLILY	#1	18" O.C.
P2	12	Hosta 'Patriot' PATRIOT HOSTA	#1	18" O.C.
		MISC. MATERIALS		
	7	SHREDDED HARDWOOD MULCH	C.Y.	

TYPICAL DUPLEX FOUNDATION PLANT LIST B

Key	Qty	Botanical/Common Name	Size	Remarks
		ORNAMENTAL TREES		
OT1	2	Amlanchier x grandiflora APPLE SERVICEBERRY	6' Ht.	Multi-Stem
OT2	2	Cornus mas CORNELIANCHERRY DOGWOOD	6' Ht.	Multi-Stem
		EVERGREEN TREES		
ET1	2	Thuja occidentalis 'Smaragd' EMERALD GREEN ARBORVITAE	6' Ht.	5' O.C.
		DECIDUOUS SHRUBS		
DS1	3	Ceanothus americanus NEW JERSEY TEA	24" Tall	3' O.C.
DS2	8	Weigela x 'Dark Horse' DARK HORSE WEIGELA	24" Tall	3' O.C.
DS3	3	Hydrangea paniculata 'SMHPLGF' LITTLE QUICKFIRE HYDRANGEA	24" Tall	3' O.C.
DS4	8	Itea virginica 'Sprich' LITTLE HENRY VIRGINIA SWEETSPIRE	24" Tall	3' O.C.
		EVERGREEN SHRUBS		
ES1	3	Juniperus chinensis var. sargentii 'Viridis' GREEN SARGENT JUNIPER	24" Wide	5' O.C.
ES2	6	Buxus 'Glencoe' CHICAGO GREENLAND BOXWOOD	24" Wide	4' O.C.
ES3	6	Taxus x media 'Densiformis' DENSE YEW	24" Wide	4' O.C.
		ORNAMENTAL GRASSES		
OG1	3	Panicum virgatum 'Hot Rod' HOT ROD SWITCHGRASS	#1	30" O.C.
OG2	22	Sporobolus heterolepis PRAIRIE DROPSEED	#1	24" O.C.
OG3	15	Pennisetum alopecuroides 'Burgundy Bunny' BURGUNDY BUNNY FOUNTAIN GRASS	#1	24" O.C.
		PERENNIALS		
P1	6	Allium 'Summer Beauty' SUMMER BEAUTY ONION	#1	18" O.C.
P2	12	Sedum 'Autumn Joy' AUTUMN JOY SEDUM	#1	18" O.C.
		MISC. MATERIALS		
	7	SHREDDED HARDWOOD MULCH	C.Y.	



TYPICAL DUPLEX FOUNDATION PLAN
SCALE: 1"=10'

LANDSCAPE REQUIREMENTS

Townhome Foundation Requirements

Length (excluding driveways and walks): 168'
Required: 2 trees and 20 shrubs/perennials per 50 LF

Required
7 Trees/Large Shrubs
64 Shrubs/Perennials

Provided:
2 Ornamental Trees
6 Arborvitae Trees
2 Large Shrubs
38 Small/Medium Shrubs
90 Perennials/Ornamental Grasses

Duplex Foundation Requirements

Length (excluding driveways and walks): 137'
Required: 2 trees and 20 shrubs/perennials per 50 LF

Required
6 Trees/Large Shrubs
55 Shrubs/Perennials

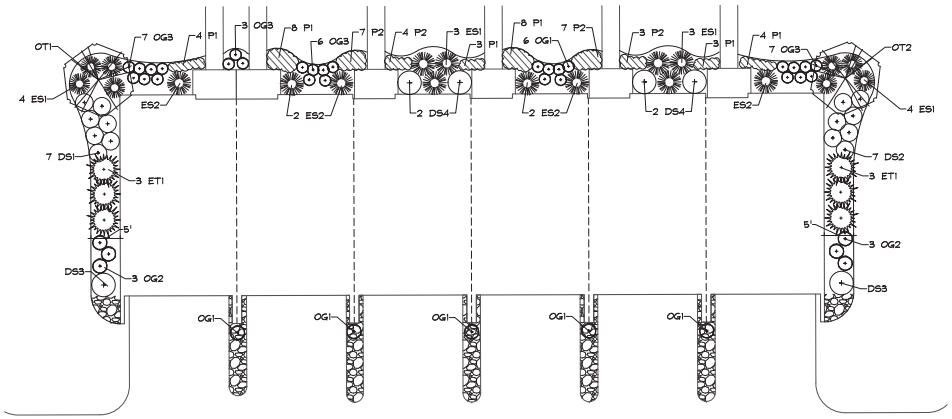
Provided:
4 Ornamental Trees
2 Arborvitae Trees
37 Small/Medium Shrubs
58 Perennials/Ornamental Grasses

TYPICAL TOWNHOME FOUNDATION PLANT LIST A

Key	Qty	Botanical/Common Name	Size	Remarks
		ORNAMENTAL TREES		
OT1	1	Magnolia virginiana SWEETBAY MAGNOLIA	6' Ht.	Multi-Stem
OT2	1	Cornus alternifolia PAGODA DOGWOOD	6' Ht.	Multi-Stem
		EVERGREEN TREES		
ET1	6	Juniperis scopulorum 'Blue Arrow' BLUE ARROW JUNIPER	6' Ht.	5' O.C.
		DECIDUOUS SHRUBS		
DS1	7	Cornus sericea 'Farrow' ARCTIC FIRE REDTWIG DOGWOOD	24" Tall	3' O.C.
DS2	7	Physocarpus opulifolius 'Donna May' LITTLE DEVIL NINEBARK	24" Tall	3' O.C.
DS3	2	Viburnum x juddii JUDD VIBURNUM	36" Tall	4' O.C.
DS4	4	Rhododendron 'Lemon Lights' LEMON LIGHTS AZALEA	36" Tall	4' O.C.
		EVERGREEN SHRUBS		
ES1	14	Juniperus sabina 'Blue Forest' BLUE FOREST JUNIPER	24" Wide	5' O.C.
ES2	6	Taxus x media 'Densiformis' DENSE YEW	24" Wide	4' O.C.
		ORNAMENTAL GRASSES		
OG1	11	Calamagrostis x acutiflora 'Karl Foerster' FEATHER REED GRASS	#1	30" O.C.
OG2	6	Panicum virgatum 'RR1' HOT ROD SWITCH GRASS	#1	30" O.C.
OG3	23	Sporobolus heterolepis PRAIRIE DROPSEED	#1	24" O.C.
		PERENNIALS		
P1	30	Hemerocallis 'Rosy Returns' ROSY RETURNS DAYLILY	#1	18" O.C.
P2	21	Euchera 'Georgia Peach' GEORGIA PEACH CORAL BELLS	#1	18" O.C.
		MISC. MATERIALS		
	8	SHREDDED HARDWOOD MULCH	C.Y.	
	2	ORNAMENTAL STONE	C.Y.	

TYPICAL TOWNHOME FOUNDATION PLANT LIST B

Key	Qty	Botanical/Common Name	Size	Remarks
		ORNAMENTAL TREES		
OT1	1	Malus 'Prairifire' PRAIRIFIRE CRABAPPLE	6' Ht.	Multi-Stem
OT2	1	Cercis canadensis EASTERN REDBUD	6' Ht.	Multi-Stem
		EVERGREEN TREES		
ET1	6	Thuja occidentalis 'Smaragd' EMERALD GREEN ARBORVITAE	6' Ht.	5' O.C.
		DECIDUOUS SHRUBS		
DS1	7	Itea virginica 'Little Henry' LITTLE HENRY VIRGINIA SWEETSPIRE	24" Tall	3' O.C.
DS2	7	Hydrangea arborescens 'Abetwo' INCREDIBALL HYDRANGEA	24" Tall	3' O.C.
DS3	2	Hydrangea quercifolia 'Flemygee' SNOW QUEEN OAKLEAF HYDRANGEA	36" Tall	5' O.C.
DS4	4	Weigela florida 'Bokraspin' SONIC BOOM PINK WEIGELA	24" Tall	3' O.C.
		EVERGREEN SHRUBS		
ES1	14	Pinus mugo 'Slowmound' DWARF MOUNTAIN PINE	24" Wide	3' O.C.
ES2	6	Buxus 'Glencoe' CHICAGOLAND GREEN BOXWOOD	24" Wide	4' O.C.
		ORNAMENTAL GRASSES		
OG1	11	Calamagrostis x acutiflora 'Karl Foerster' FEATHER REED GRASS	#1	30" O.C.
OG2	6	Bouteloua gracilis BLUE GRAMA GRASS	#1	30" O.C.
OG3	23	Sesleria autumnalis AUTUMN MOOR GRASS	#1	24" O.C.
		PERENNIALS		
P1	30	Phlox 'Forever Pink' FOREVER PINK PHLOX	#1	18" O.C.
P2	21	Allium 'Summer Beauty' SUMMER BEAUTY ONION	#1	18" O.C.
		MISC. MATERIALS		
	8	SHREDDED HARDWOOD MULCH	C.Y.	
	2	ORNAMENTAL STONE	C.Y.	



TYPICAL TOWNHOME FOUNDATION PLAN
SCALE: 1"=10'

GARY WEBER ASSOCIATES, INC.
LANDSCAPE ARCHITECTURE
PROFESSIONAL CONSULTING
LAND PLANNING AND DESIGN
402 WEST LIBERTY DRIVE
WHEATON, ILLINOIS 60187
PHONE: 630.668.7197

CLIENT
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America's Builder
1750 E. GOLF ROAD, SUITE 925
SCHAUMBURG, IL 60173

CIVIL ENGINEER:
CAGE CIVIL ENGINEERING
3110 WOODCREEK DRIVE
DOWNERS GROVE, IL 60515

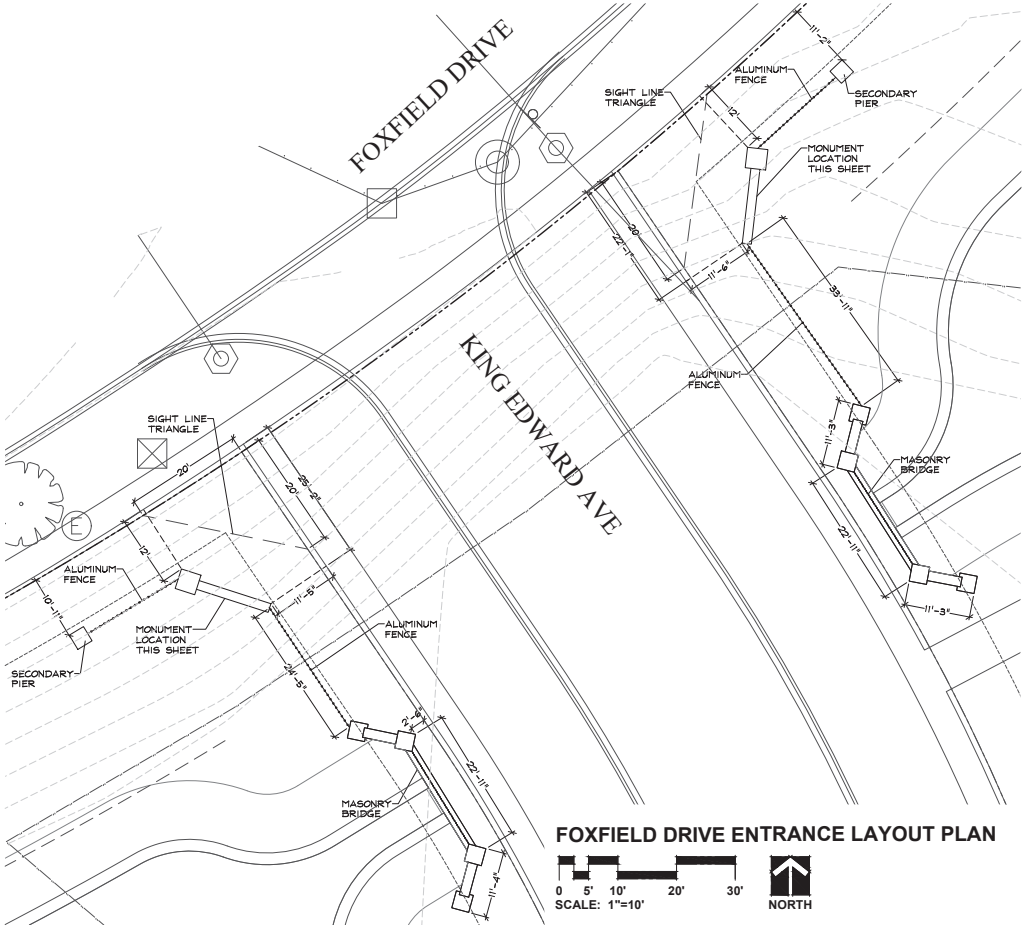
CHARLESTOWNE LAKES
ST. CHARLES, ILLINOIS

TYPICAL FOUNDATION PLAN

3	5.13.2022
2	3.24.2022
1	2.24.2022
REVISIONS	

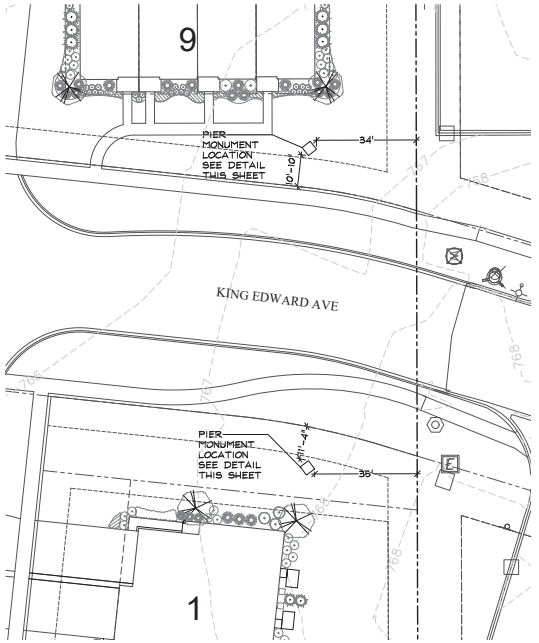
DATE	12.03.2021
PROJECT NO.	DR2061
DRAWN	JLT
CHECKED	MGM
SHEET NO.	

5 OF 10



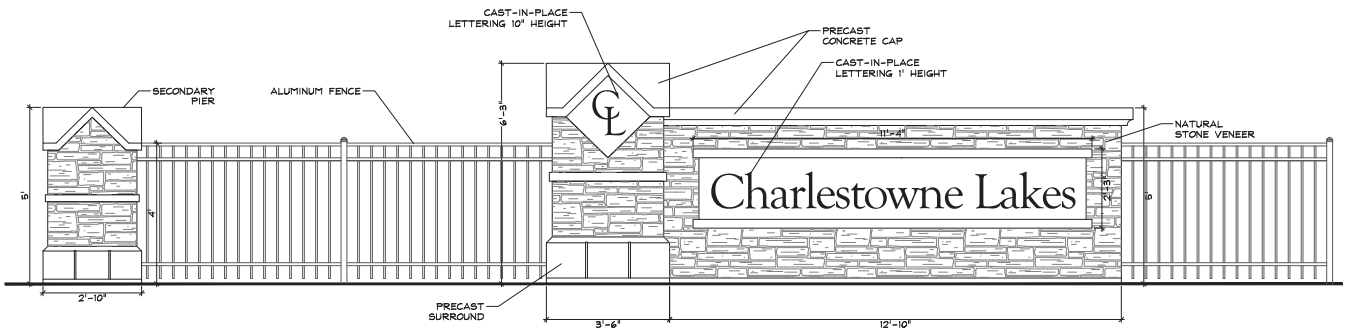
FOXFIELD DRIVE ENTRANCE LAYOUT PLAN

0 5' 10' 20' 30'
SCALE: 1"=10'
NORTH

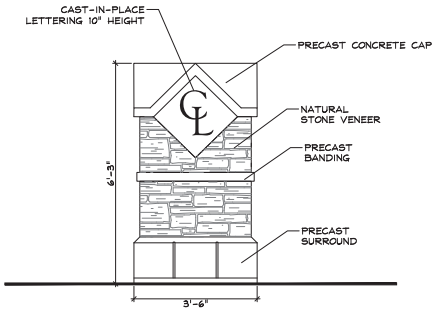


KING EDWARD AVENUE ENTRANCE LAYOUT PLAN

0 10' 20' 40' 60'
SCALE: 1"=10'
NORTH



MONUMENT DETAIL
SCALE: 1"=10'



PIER MONUMENT DETAIL
SCALE: 1"=10'

GARY WEBER ASSOCIATES, INC.

CLIENT
D·R·HORTON
America's Builder
1750 E. GOLF ROAD, SUITE 925
SCHAUMBURG, IL 60173

CIVIL ENGINEER:
CAGE CIVIL ENGINEERING
3110 WOODCREEK DRIVE
DOWNERS GROVE, IL 60515

CHARLESTOWNE LAKES
ST. CHARLES, ILLINOIS

MONUMENT DETAIL

3	5.13.2022
2	3.24.2022
1	2.24.2022

REVISIONS

DATE	12.03.2021
PROJECT NO.	DR2061
DRAWN	JLT
CHECKED	MGM
SHEET NO.	

6 OF 10

TREE INVENTORY

TAG NO.	SCIENTIFIC NAME	COMMON NAME	DBH (inches)	RATING	PRESERVE/REMOVE
601	*Populus deltoides*	Eastern Cottonwood	24	Poor	Off-Site
602	*Juglans nigra*	Black Walnut	18	Fair	Remove
603	*Unknown*	Dead	8	Poor	Off-Site
604	*Populus deltoides*	Eastern Cottonwood	24	Good	Off-Site
605	*Prunus serotina*	Black Cherry	10	Fair	Remove
606	*Ulmus Pumila*	Siberian Elm	6	Poor	Off-Site
607	*Tilia americana*	American Basswood	6	Poor	Off-Site
608	*Tilia americana*	American Basswood	7	Poor	Off-Site
609	*Tilia americana*	American Basswood	9	Poor	Off-Site
610	*Juglans nigra*	Black Walnut	6,6,8	Poor	Off-Site
611	*Pyrus calleryana*	Callery pear	10	Good	Remove
612	*Pyrus calleryana*	Callery pear	8	Poor	Remove
613	*Pyrus calleryana*	Callery pear	6	Poor	Remove
614	*Pyrus calleryana*	Callery pear	6	Poor	Remove
615	*Pyrus calleryana*	Callery pear	6	Poor	Remove
616	*Pyrus calleryana*	Callery pear	6	Poor	Remove
617	*Pyrus calleryana*	Callery pear	7	Poor	Remove
618	*Prunus serotina*	Black Walnut	11	Fair	Remove
619	*Celtis occidentalis*	Hackberry	6	Fair	Remove
620	*Acer negundo*	Boxelder	8	Poor	Remove
621	*Pyrus calleryana*	Callery pear	6,4	Poor	Remove
622	*Morus rubra*	Red Mulberry	8	Fair	Remove
623	*Pyrus calleryana*	Callery pear	8	Poor	Remove
624	*Pyrus calleryana*	Callery pear	9	Poor	Remove
625	*Pyrus calleryana*	Callery pear	6	Poor	Remove
626	*Acer negundo*	Boxelder	26	Poor	Remove
627		**Tag Missing**			Remove
628	*Acer negundo*	Boxelder	6	Poor	Off-Site
629	*Pyrus calleryana*	Callery pear	24	Poor	Off-Site
630	*Acer negundo*	Boxelder	9	Poor	Off-Site
631	*Acer negundo*	Boxelder	11, 6, 6, 8	Poor	Off-Site
632	*Morus rubra*	Red Mulberry	6	Poor	Off-Site
633	*Acer negundo*	Boxelder	10	Poor	Off-Site
634	*Acer negundo*	Boxelder	8	Poor	Off-Site
635	*Acer negundo*	Boxelder	10	Fair	Off-Site
636	*Juglans nigra*	Black Walnut	7	Fair	Remove
637	*Juglans nigra*	Black Walnut	8	Poor	Remove
638	*Pyrus calleryana*	Callery pear	8	Poor	Remove
639	*Pyrus calleryana*	Callery pear	9	Poor	Remove
640	*Pyrus calleryana*	Callery pear	7	Poor	Remove
641	*Acer negundo*	Boxelder	8	Poor	Remove
642	*Acer negundo*	Boxelder	6	Poor	Remove
643	*Pyrus calleryana*	Callery pear	7	Poor	Remove
644	*Pyrus calleryana*	Callery pear	8	Poor	Remove
645	*Pyrus calleryana*	Callery pear	7	Poor	Remove
646	*Unknown*	Dead	6, 6	Poor	Remove
647	*Acer negundo*	Boxelder	6	Poor	Remove
648	*Morus rubra*	Red Mulberry	7, 6, 4, 4	Poor	Remove
649	*Acer negundo*	Boxelder	6	Poor	Remove
650	*Acer negundo*	Boxelder	6, 4	Poor	Remove
651	*Morus rubra*	Red Mulberry	6	Fair	Remove
652	*Ailanthus altissima*	Tree of Heaven	7, 6	Poor	Remove
653	*Acer negundo*	Boxelder	7	Poor	Remove
654	*Acer negundo*	Boxelder	6	Poor	Remove
655	*Acer negundo*	Boxelder	6	Fair	Remove
656	*Acer negundo*	Boxelder	6, 5, 4	Poor	Remove
657	*Acer negundo*	Boxelder	6	Poor	Remove
658	*Acer negundo*	Boxelder	7,4 4	Poor	Remove
659	*Acer negundo*	Boxelder	6, 3, 3, 4	Poor	Remove
660	*Acer negundo*	Boxelder	6, 6, 4, 4	Poor	Remove
661	*Acer negundo*	Boxelder	6	Poor	Remove
662	*Morus rubra*	Red Mulberry	8, 4, 3	Poor	Remove
663	*Morus rubra*	Red Mulberry	6, 4, 3, 3	Poor	Remove
664	*Acer negundo*	Boxelder	9	Poor	Remove
665	*Acer negundo*	Boxelder	6	Poor	Remove
666	*Acer negundo*	Boxelder	6	Poor	Remove
667	*Acer negundo*	Boxelder	6, 7	Poor	Remove
668	*Morus rubra*	Red Mulberry	12	Poor	Remove
669	*Morus rubra*	Red Mulberry	6, 8	Poor	Remove
670	*Acer negundo*	Boxelder	6	Poor	Remove
671	*Morus rubra*	Red Mulberry	6, 5, 5	Poor	Remove
672	*Morus rubra*	Red Mulberry	8, 8, 6, 6	Poor	Remove
673	*Tilia americana*	American Basswood	6, 4, 5	Poor	Remove
674	*Acer negundo*	Boxelder	6	Poor	Remove
675	*Acer negundo*	Boxelder	7	Poor	Remove
676	*Morus rubra*	Red Mulberry	6, 4, 5	Poor	Remove
677	*Acer negundo*	Boxelder	6, 5, 3	Poor	Remove
678	*Morus rubra*	Red Mulberry	6, 4, 3, 3	Poor	Remove
679	*Acer negundo*	Boxelder	6	Poor	Remove
680	*Acer negundo*	Boxelder	6	Poor	Remove
681	*Acer negundo*	Boxelder	6, 3, 3	Poor	Remove
682	*Acer negundo*	Boxelder	6	Poor	Remove
683	*Acer negundo*	Boxelder	8	Poor	Remove
684	*Morus rubra*	Red Mulberry	6, 5, 3, 3	Poor	Remove
685	*Acer negundo*	Boxelder	9	Poor	Remove
686	*Morus rubra*	Red Mulberry	6, 3, 3, 2	Poor	Remove
687	*Morus rubra*	Red Mulberry	6, 4, 4, 3	Poor	Remove
688	*Morus rubra*	Red Mulberry	6	Poor	Remove
689	*Morus rubra*	Red Mulberry	6	Poor	Remove
690	*Populus deltoides*	Eastern Cottonwood	14	Fair	Remove
691	*Morus rubra*	Red Mulberry	6	Poor	Remove
692	*Populus deltoides*	Eastern Cottonwood	14	Fair	Remove
693	*Ulmas americana*	American Elm	8	Fair	Remove
694	*Unknown*	Dead	12	Poor	Remove
695	*Fraxinus pennsylvanica*	Green Ash	16	Poor	Remove
696	*Pyrus calleryana*	Callery Pear	8	Poor	Remove
697	*Populus deltoides*	Eastern Cottonwood	6	Poor	Remove
698	*Morus rubra*	Red Mulberry	9	Poor	Remove
699	*Ulmus rubra*	Slippery Elm	10, 4	Fair	Remove
700	*Morus rubra*	Red Mulberry	8	Poor	Remove
713	*Pyrus calleryana*	Callery Pear	7	Poor	Remove
714	*Acer negundo*	Boxelder	17, 16	Poor	Preserve
715	*Acer negundo*	Boxelder	8	Fair	Preserve
716	*Morus rubra*	Red Mulberry	6	Poor	Remove
717	*Acer negundo*	Boxelder	26	Poor	Remove
718	*Juglans nigra*	Black Walnut	17	Fair	Preserve
719	*Taxodium distichum*	Bald Cypress	16, 11	Poor	Remove
720	*Morus rubra*	Red Mulberry	8, 6, 10	Poor	Remove
721	*Taxodium distichum*	Bald Cypress	18, 10	Poor	Remove
722	*Taxodium distichum*	Bald Cypress	22	Poor	Remove
723	*Celtis occidentalis*	Hackberry	14	Poor	Remove
724	*Ulmus rubra*	Slippery Elm	10	Fair	Preserve
725	*Acer negundo*	Boxelder	8	Poor	Remove
726	*Taxodium distichum*	Bald Cypress	19	Poor	Remove
727	*Celtis occidentalis*	Hackberry	18, 14, 12	Fair	Preserve
728	*Celtis occidentalis*	Hackberry	13, 8	Fair	Preserve
729	*Celtis occidentalis*	Hackberry	20, 16, 12	Fair	Preserve
730	*Celtis occidentalis*	Hackberry	8	Fair	Preserve
731	*Celtis occidentalis*	Hackberry	18, 10	Fair	Preserve
732	*Celtis occidentalis*	Hackberry	6	Poor	Remove
733	*Juglans nigra*	Black Walnut	44	Good	Preserve
734	*Celtis occidentalis*	Hackberry	10	Fair	Preserve
735	*Celtis occidentalis*	Hackberry	9	Fair	Preserve
736	*Celtis occidentalis*	Hackberry	12	Fair	Preserve
737	*Celtis occidentalis*	Hackberry	12	Fair	Preserve
738	*Juglans nigra*	Black Walnut	50	Good	Preserve
739	*Celtis occidentalis*	Hackberry	8	Fair	Preserve
740	*Acer negundo*	Boxelder	6	Poor	Remove
741	*Celtis occidentalis*	Hackberry	22	Fair	Preserve
742	*Celtis occidentalis*	Hackberry	21	Fair	Preserve
743	*Taxodium distichum*	Bald Cypress	16	Fair	Remove
744	*Morus rubra*	Red Mulberry	20	Fair	Remove
745	*Celtis occidentalis*	Hackberry	18, 6, 10	Fair	Remove
746	*Celtis occidentalis*	Hackberry	14, 3	Fair	Remove
747	*Celtis occidentalis*	Hackberry	12	Fair	Remove
748	*Ulmus rubra*	Slippery Elm	8	Fair	Remove
749	*Ulmus rubra*	Slippery Elm	6	Fair	Remove
750	*Celtis occidentalis*	Hackberry	18	Good	Preserve
751	*Taxodium distichum*	Bald Cypress	18, 16	Poor	Remove
752	*Acer negundo*	Boxelder	7	Poor	Remove
753	Gleditsia triacanthos	Honey Locust	8	Fair	Remove
754	*Acer negundo*	Boxelder	6	Fair	Remove
755	*Juglans nigra*	Black Walnut	11	Fair	Remove
756	*Juglans nigra*	Black Walnut	14	Good	Remove

TAG NO.	SCIENTIFIC NAME	COMMON NAME	DBH (inches)	RATING	PRESERVE/REMOVE
757	*Acer negundo*	Boxelder	6	Fair	Remove
758	*Acer negundo*	Boxelder	8	Poor	Remove
759	*Juglans nigra*	Black Walnut	6	Fair	Remove
760	*Juglans nigra*	Black Walnut	6	Fair	Remove
761	*Juglans nigra*	Black Walnut	6	Poor	Remove
762	*Ulmus rubra*	Slippery Elm	12, 12	Poor	Remove
763	*Populus deltoides*	Eastern Cottonwood	8	Fair	Remove
764	*Pyrus calleryana*	Callery Pear	6	Poor	Remove
765	*Populus deltoides*	Eastern Cottonwood	8, 6	Poor	Remove
766	*Populus deltoides*	Eastern Cottonwood	8	Fair	Remove
767	*Populus deltoides*	Eastern Cottonwood	9	Fair	Remove
768	*Populus deltoides*	Eastern Cottonwood	10	Poor	Remove
769	*Populus deltoides*	Eastern Cottonwood	12	Poor	Remove
770	*Ulmus rubra*	Slippery Elm	6, 8	Poor	Remove
771	*Populus deltoides*	Eastern Cottonwood	10	Poor	Remove
772	*Populus deltoides*	Eastern Cottonwood	12	Poor	Remove
773	*Populus deltoides*	Eastern Cottonwood	8	Poor	Remove
774	*Populus deltoides*	Eastern Cottonwood	11	Poor	Remove
775	*Populus deltoides*	Eastern Cottonwood	10	Poor	Remove
776	*Populus deltoides*	Eastern Cottonwood	14	Poor	Remove
777	*Populus deltoides*	Eastern Cottonwood	12, 10	Poor	Remove
778	*Populus deltoides*	Eastern Cottonwood	16	Poor	Preserve
779	*Populus deltoides*	Eastern Cottonwood	10	Poor	Preserve
780	*Populus deltoides*	Eastern Cottonwood	8	Poor	Preserve
781	*Populus deltoides*	Eastern Cottonwood	16	Good	Preserve
782	*Populus deltoides*	Eastern Cottonwood	20	Good	Preserve
783	*Populus deltoides*	Eastern Cottonwood	20	Good	Preserve
784	*Populus deltoides*	Eastern Cottonwood	18	Good	Preserve
785	*Acer negundo*	Boxelder	8	Fair	Preserve
786	*Acer negundo*	Boxelder	8	Fair	Preserve
787	*Salix spp.*	Willow	18	Good	Preserve
788	*Acer negundo*	Boxelder	8	Fair	Preserve
789	*Acer negundo*	Boxelder	8	Fair	Preserve
790	*Acer negundo*	Boxelder	8	Fair	Preserve
791	*Morus rubra*	Red Mulberry	8, 6	Poor	Remove
792	*Acer negundo*	Boxelder	8	Poor	Remove
793	*Acer saccharinum*	Silver Maple	6	Fair	Preserve
794	*Acer negundo*	Boxelder	6	Poor	Remove
795	*Acer negundo*	Boxelder	6, 6, 6, 6	Poor	Remove
796	*Juglans nigra*	Black Walnut	6	Poor	Remove
797	*Morus rubra*	Red Mulberry	6	Poor	Remove
798	*Morus rubra*	Red Mulberry	8	Poor	Remove
		Missing tags #799,800			
801	*Juglans nigra*	Black Walnut	8	Fair	Remove
802	*Juglans nigra*	Black Walnut	6	Fair	Remove
803	*Acer negundo*	Boxelder	6	Fair	Preserve
804	*Acer negundo*	Boxelder	6	Fair	Preserve
805	*Acer negundo*	Boxelder	7	Fair	Preserve
806	*Morus rubra*	Red Mulberry	12, 16	Poor	Preserve
807	*Celtis occidentalis*	Hackberry	6	Fair	Preserve
808	*Acer negundo*	Boxelder	10	Poor	Preserve
809	*Acer negundo*	Boxelder	6	Poor	Preserve
810	*Acer negundo*	Boxelder	6	Poor	Preserve
811	*Acer negundo*	Boxelder	8	Poor	Preserve
812	*Acer negundo*	Boxelder	11	Poor	Preserve
813	*Taxodium distichum*	Bald Cypress	16	Poor	Preserve
814	*Acer negundo*	Boxelder	8	Poor	Preserve
815	*Acer negundo*	Boxelder	8	Poor	Preserve
816	*Juglans nigra*	Black Walnut	10	Poor	Preserve
817	*Juglans nigra*	Black Walnut	12	Poor	Preserve
818	*Taxodium distichum*	Bald Cypress	20	Poor	Preserve
819	*Juglans nigra*	Black Walnut	16	Poor	Preserve
820	*Morus rubra*	Red Mulberry	4, 6	Poor	Preserve
821	*Morus rubra*	Red Mulberry	21	Poor	Preserve
822	*Acer negundo*	Boxelder	30, 10, 20	Poor	Remove
823	*Acer negundo*	Boxelder	26	Poor	Preserve
824	*Acer negundo*	Boxelder	22	Poor	Remove
825	*Juglans nigra*	Black Walnut	24	Poor	Remove
826	*Taxodium distichum*	Bald Cypress	22	Poor	Remove
827	*Taxodium distichum*	Bald Cypress	16, 8	Fair	Remove
828	*Juglans nigra*	Black Walnut	6	Fair	Remove
829	*Acer negundo*	Boxelder	8	Fair	Remove
830	*Ulmus rubra*	Slippery Elm	7	Poor	Remove
831	*Acer negundo*	Boxelder	14, 6	Poor	Remove
832	*Celtis occidentalis*	Hackberry	17	Good	Remove
833	*Taxodium distichum*	Bald Cypress	16	Good	Remove
834	*Celtis occidentalis*	Hackberry	22	Good	Remove
835	*Acer negundo*	Boxelder	14	Poor	Remove
836	*Taxodium distichum*	Bald Cypress	20	Poor	Remove
837	*Morus rubra*	Red Mulberry	30	Poor	Remove
838	*Morus rubra*	Red Mulberry	7	Poor	Remove
839	*Celtis occidentalis*	Hackberry	20	Good	Remove
840	*Taxodium distichum*	Bald Cypress	14, 6	Poor	Remove
841	*Celtis occidentalis*	Hackberry	34	Good	Remove
842	*Celtis occidentalis*	Hackberry	14	Good	Remove
843	*Acer negundo*	Boxelder	15	Poor	Remove
844	*Fraxinus pennsylvanica*	Green Ash	14	Poor	Remove
845	*Taxodium distichum*	Bald Cypress	22	Poor	Remove
846	*Acer negundo*	Boxelder	6	Poor	Remove
847	*Prunus serotina*	Black Cherry	11	Poor	Remove
848	*Celtis occidentalis*	Hackberry	7	Fair	Remove
849	*Fraxinus pennsylvanica*	Green Ash	16, 12	Poor	Remove
850	*Celtis occidentalis*	Hackberry	7	Fair	Remove
851	*Celtis occidentalis*	Hackberry	9	Fair	Remove
852	*Juglans nigra*	Black Walnut	7	Poor	Remove
853	*Celtis occidentalis*	Hackberry	16	Good	Remove
854	*Unknown*	Dead	24	Poor	Remove
855	*Unknown*	Dead	16	Poor	Remove
856	*Acer negundo*	Boxelder	36	Poor	Remove
857	*Acer saccharinum*	Silver Maple	10	Fair	Remove
858	*Unknown*	Dead	24	Dead	Remove
859	*Fraxinus pennsylvanica*	Green Ash	16	Dead	Remove
860	*Unknown*	Dead	20	Poor	Remove
861	*Morus rubra*	Red Mulberry	28	Poor	Remove
862	*Robina pseudoacacia*	Black Locust	9	Fair	Remove
863	*Fraxinus pennsylvanica*	Green Ash	19	Poor	Remove
864	*Celtis occidentalis*	Hackberry	10	Fair	Remove
865	*Morus rubra*	Red Mulberry	14	Poor	Remove
866		**Tag Missing**			
867	*Unknown*	Dead	11	Dead	Remove
868	*Unknown*	Dead	9	Poor	Remove
869	*Celtis occidentalis*	Hackberry	6	Good	Remove
870	*Ulmus rubra*	Slippery Elm	11	Poor	Remove
871	*Morus rubra*	Red Mulberry	8, 10	Poor	Remove
872	*Prunus serotina*	Black Cherry	12, 14	Poor	Remove
873	*Morus rubra*	Red Mulberry	18, 12	Poor	Remove
874	*Juglans nigra*	Black Walnut	14, 12	Poor	Remove
875	*Prunus serotina*	Black Cherry	6	Fair	Remove
876	*Juglans nigra*	Black Walnut	8	Fair	Remove
877	*Juglans nigra*	Black Walnut	9	Fair	Remove
878	*Acer negundo*	Boxelder	10	Poor	Remove
879	*Morus rubra*	Red Mulberry	14	Fair	Remove
880	*Acer negundo*	Boxelder	7	Poor	Remove
881	*Juglans nigra*	Black Walnut	10	Good	Remove
882	*Juglans nigra*	Black Walnut	6	Good	Remove
883	*Fraxinus pennsylvanica*	Green Ash	24	Poor	Remove
884	*Celtis occidentalis*	Hackberry	9	Good	Remove
885	*Acer negundo*	Boxelder	8	Poor	Remove
886	*Morus rubra*	Red Mulberry	8	Poor	Remove
887	*Juglans nigra*	Black Walnut	9	Poor	Remove
888	*Morus rubra*	Red Mulberry	6	Poor	Remove
889	*Unknown*	Dead	22	Poor	Remove
890	*Morus rubra*	Red Mulberry	6	Poor	Remove
891	*Morus rubra*	Red Mulberry	6	Poor	Remove
892	*Prunus serotina*	Black Cherry	8	Poor	Remove
893	*Ulmus rubra*	Slippery Elm	17	Poor	Remove
894	*Ulmus rubra*	Slippery Elm	6	Poor	Remove
895	*Unknown*	Dead	12	Poor	Remove
896	*Morus rubra*	Red Mulberry	6	Poor	Remove
897	*Morus rubra*	Red Mulberry	6	Poor	Remove
898	*Morus rubra*	Red Mulberry	8, 6	Poor	Remove
899	*Unknown*	Dead	17	Poor	Remove
900	*Unknown*	Dead	24	Poor	Remove
901	*Morus rubra*	Red Mulberry	7	Poor	Remove
902	*Celtis occidentalis*	Hackberry	9	Fair	Remove

TAG NO.	SCIENTIFIC NAME	COMMON NAME	DBH (inches)	RATING	PRESERVE/REMOVE
903	*Celtis occidentalis*	Hackberry	7	Fair	Remove
904	*Morus rubra*	Red Mulberry	7	Poor	Remove
905	*Celtis occidentalis*	Hackberry	8	Fair	Remove
906	*Taxodium distichum*	Bald Cypress	17, 12	Poor	Remove
907	*Acer negundo*	Boxelder	12	Poor	Remove
908	*Morus rubra*	Red Mulberry	6	Poor	Remove
909	*Unknown*	Dead	8	Poor	Remove
910	*Acer negundo*	Boxelder	25	Poor	Remove
911	*Morus rubra*	Red Mulberry	8, 6	Poor	Remove
912	*Morus rubra*	Red Mulberry	28	Fair	Remove
913	*Robina pseudoacacia*	Black Locust	10	Good	Remove
914	*Morus rubra*	Red Mulberry	6, 5	Poor	Remove
915	*Unknown*	Dead	23	Poor	Remove
916	*Morus rubra*	Red Mulberry	6	Poor	Remove
917	*Morus rubra*	Red Mulberry	8	Fair	Remove
918	*Ulmus rubra*	Slippery Elm	7	Fair	Remove
919	*Pyrus calleryana*	Callery Pear	10	Good	Remove
920	*Acer saccharinum*	Silver Maple	6	Good	Remove
921	*Acer negundo*	Box Elder	8	Fair	Remove
922	*Ulmus rubra*	Slippery Elm	8	Good	Remove
923	*Unknown*	Dead	19, 16	Poor	Remove
924	*Taxodium distichum*	Bald Cypress	10, 12	Poor	Remove
925	*Celtis occidentalis*	Hackberry	27	Good	Remove
926	*Celtis occidentalis*	Hackberry	9	Fair	Remove
927	*Morus rubra*	Red Mulberry	8, 53	Poor	Remove
928	*Unknown*	Dead	8	Poor	Remove
929	*Morus rubra*	Red Mulberry	6, 44	Poor	Remove
930	*Ailanthus altissima*	Tree of Heaven	8	Fair	Remove
931	*Morus rubra*	Red Mulberry	8, 9	Poor	Remove
932	*Prunus serotina*	Black Cherry	9	Poor	Remove
933	*Prunus serotina*	Black Cherry	10	Poor	Remove
934	*Morus rubra*	Red Mulberry	10	Poor	Remove
935	*Pyrus calleryana*	Callery Pear	6	Poor	Remove
936	*Morus rubra*	Red Mulberry	6	Poor	Remove
937	*Ulmus rubra*	Slippery Elm	9	Fair	Remove
938	*Ulmus rubra*	Slippery Elm	9	Fair	Remove
939	*Celtis occidentalis*	Hackberry	10	Good	Preserve
940	*Juglans nigra*	Black Walnut	7	Fair	Remove
941	*Acer negundo*	Box Elder	9	Poor	Remove
942	*Morus rubra*	Red Mulberry	9	Fair	Remove
943	*Celtis occidentalis*	Hackberry	8	Fair	Preserve
944	*Ailanthus altissima*	Tree of Heaven	7	Poor	Remove
945	*Morus rubra*	Red Mulberry	8, 4	Poor	Remove
946	*Morus rubra*	Red Mulberry	10	Poor	Remove
947	*Celtis occidentalis*	Hackberry	7	Fair	Remove
948	*Gleditsia triacanthos*	Honey Locust	6	Fair	Remove
949	*Morus rubra*	Red Mulberry	6	Poor	Remove
950	*Celtis occidentalis*	Hackberry	8	Good	Preserve
951	*Celtis occidentalis*	Hackberry	10	Poor	Preserve
952	*Celtis occidentalis*	Hackberry	20	Excellent	Preserve
953	*Celtis occidentalis*	Hackberry	7	Poor	Preserve
954	*Celtis occidentalis*	Hackberry	8	Fair	Preserve
955	*Morus rubra*	Red Mulberry	20, 18	Poor	Remove
956	*Celtis occidentalis*	Hackberry	12	Fair	Preserve
957	*Celtis occidentalis*	Hackberry	14	Good	Preserve
958	*Juglans nigra*	Black Walnut	8	Poor	Preserve
959	*Celtis occidentalis*	Hackberry	9	Good	Preserve
960	*Gleditsia triacanthos*	Honey Locust	10	Fair	Preserve
961	*Gleditsia triacanthos*	Honey Locust	8	Fair	Preserve
962	*Celtis occidentalis*	Hackberry	6	Fair	Preserve
963	*Celtis occidentalis*	Hackberry	7	Fair	Preserve
964	*Robina pseudoacacia*	Black Locust	6, 3	Fair	Off-Site
965	*Ailanthus altissima*	Tree of Heaven	6	Poor	Preserve
966	*Ailanthus altissima*	Tree of Heaven	6	Poor	Preserve
967	*Juglans nigra*	Black Walnut	7	Fair	Preserve
968	*Celtis occidentalis*	Hackberry	7	Fair	Remove
969	*Robina pseudoacacia*	Black Locust	7	Poor	Remove
970	*Robina pseudoacacia*	Black Locust	20, 18	Poor	Remove
971	*Robina pseudoacacia*	Black Locust	18, 14, 8, 10, 14, 12, 18	Poor	Remove
972	*Gleditsia triacanthos*	Honey Locust	20, 18	Poor	Remove
973	*Gleditsia triacanthos*	Honey Locust	18, 14, 10	Poor	Remove
974	*Gleditsia triacanthos*	Honey Locust	8	Poor	Remove
975	*Ulmus rubra*	Slippery Elm	12	Poor	Remove
976	*Celtis occidentalis*	Hackberry	6	Fair	Off-Site
977	*Gleditsia triacanthos*	Honey Locust	48	Fair	Off-Site
978	*Celtis occidentalis*	Hackberry	9	Good	Off-Site
979	*Celtis occidentalis*	Hackberry	6	Fair	Off-Site
980	*Celtis occidentalis*	Hackberry	8	Fair	Off-Site
981	*Celtis occidentalis*	Hackberry	60	Excellent	Off-Site
982	*Celtis occidentalis*	Hackberry	9	Good	Off-Site
983	*Celtis occidentalis*	Hackberry	17	Fair	Off-Site
984	*Acer saccharinum*	Silver Maple	10	Fair	Remove
985	*Celtis occidentalis*	Hackberry	10	Fair	Off-Site
986	*Celtis occidentalis*	Hackberry	8	Good	Off-Site
987	*Celtis occidentalis*	Hackberry	75	Excellent	Off-Site
988	*Morus rubra*	Red Mulberry	30	Poor	Off-Site
989	*Celtis occidentalis*	Hackberry	40, 34	Fair	Off-Site
990	*Celtis occidentalis*	Hackberry	40, 23	Fair	Off-Site
991	*Celtis occidentalis*	Hackberry	8	Fair	Off-Site
992	*Celtis occidentalis*	Hackberry	10	Good	Preserve
993	*Morus rubra*	Red Mulberry	26, 3	Fair	Remove
994	*Celtis occidentalis*	Hackberry	12	Good	Off-Site
995	*Celtis occidentalis*	Hackberry	12	Good	Off-Site
996	*Populus deltoides*	Cottonwood	14	Good	Off-Site
997	*Populus deltoides*	Cottonwood	18	Good	Remove
998	*Pyrus calleryana*	Callery Pear	6	Poor	Remove
999	*Unknown*	Dead	20	Poor	Off-Site
1000	*Celtis occidentalis*	Hackberry	13	Good	Off-Site
		Gap in tag series			
2533	*Celtis occidentalis*	Hackberry	15	Good	Off-Site
2534	*Celtis occidentalis*	Hackberry	6	Good	Off-Site
2535	*Celtis occidentalis*	Hackberry	6, 5	Good	Off-Site
2536	*Celtis occidentalis*	Hackberry	7	Good	Off-Site
2537	*Celtis occidentalis*	Hackberry	20	Fair	Off-Site
2538	*Celtis occidentalis*	Hackberry	20	Good	Off-Site
2539	*Celtis occidentalis*	Hackberry	14	Poor	Off-Site
2540	*Celtis occidentalis*	Hackberry	6	Fair	Off-Site
2541	*Gleditsia triacanthos var. inermis*	Thornless Honey Locust	10	Good	Remove
2542	*Ulmus rubra*	Slippery Elm	10	Poor	Remove
2543	*Acer negundo*	Box Elder	8	Fair	Remove
2544	*Celtis occidentalis*	Hackberry	16	Good	Off-Site
2545	*Celtis occidentalis*	Hackberry	12	Fair	Off-Site
2546	*Morus rubra*	Red Mulberry	9, 6	Poor	Remove
2547	*Acer negundo*	Box Elder	6, 3	Poor	Remove
2548	*Morus rubra*	Red Mulberry	3, 18, 14	Poor	Remove
2549	*Celtis occidentalis*	Hackberry	6	Fair	Remove
2550	*Acer negundo*	Box Elder	8, 9	Poor	Remove
2551	*Malus spp.*	Crabapple	7	Fair	Remove
2552	*Unknown*	Dead	6, 3, 3	Poor	Remove
2553	*Acer negundo*	Box Elder	8, 3	Poor	Remove
2554	*Celtis occidentalis*	Hackberry	8	Fair	Remove
2555	*Ulmus rubra*	Slippery Elm	6	Fair	Remove
2556	*Ulmus pumila*	Siberian Elm	6	Fair	Remove
2557	*Acer negundo*	Box Elder	6	Fair	Remove
2558	*Acer negundo*	Box Elder	8	Fair	Remove
2559	*Ulmus pumila*	Siberian Elm	10, 8	Fair	Remove
2560	*Ulmus pumila*	Siberian Elm	6	Fair	Remove
2561	*Juglans nigra*	Black Walnut	10	Good	Remove
2562	*Celtis occidentalis*	Hackberry	8	Fair	Off-Site
2563	*Ulmus pumila*	Siberian Elm	8	Poor	Remove
2564	*Celtis occidentalis*	Hackberry	12	Fair	Remove
2565	*Celtis occidentalis*	Hackberry	6	Poor	Remove
2566	*Morus rubra*	Red Mulberry	7, 6, 5	Poor	Remove
2567	*Celtis occidentalis*	Hackberry	9	Fair	Remove
2568	*Unknown*	Dead	14	Poor	Remove
2569	*Celtis occidentalis*	Hackberry	8	Fair	Remove
2570	*Gleditsia triacanthos*	Honey Locust	8	Good	Remove
2571	*Unknown*	Dead	8	Poor	Remove
2572	*Fraxinus pennsylvanica*	Green Ash	8	Poor	Remove
2573	*Fraxinus pennsylvanica*	Green Ash	6	Poor	Remove
2574	*Morus rubra*	Red Mulberry	6	Poor	Remove
2575	*Malus spp.*	Crabapple	6	Poor	Remove
2576	*Morus rubra*	Red Mulberry	8	Poor	Remove
2577	*Malus spp.*	Crabapple	14	Good	Remove

TAG NO.	SCIENTIFIC NAME	COMMON NAME	DBH (inches)	RATING	PRESERVE/REMOVE
2578	*Celtis occidentalis*	Hackberry	10	Good	Off-Site
2579	*Celtis occidentalis*	Hackberry	7	Poor	Remove
2580	*Morus rubra*	Red Mulberry	7, 6	Poor	Remove
2581	*Pyrus calleryana*	Callery Pear	8	Poor	Remove
2582	*Celtis occidentalis*	Hackberry	22	Good	Remove
2583	*Celtis occidentalis*	Hackberry	11	Good	Remove
2584	*Acer negundo*	Boxelder	7	Poor	Remove
2585	*Acer negundo*	Boxelder	8	Poor	Remove
2586	*Celtis occidentalis*	Hackberry	6, 3	Poor	Remove
2587	*Celtis occidentalis*	Hackberry	6	Poor	Remove
2588	*Ulmus rubra*	Slippery Elm	7	Fair	Remove
2589	*Robina pseudoacacia*	Black Locust	12	Poor	Remove
2590	*Celtis occidentalis*	Hackberry	10, 8	Poor	Remove
2591	*Unknown*	Dead	12	Poor	Remove
2592	*Juglans nigra*	Black Walnut	6, 8	Poor	Remove
2593	*Juglans nigra*	Black Walnut	14 ,16	Poor	Remove
2594	*Juglans nigra*	Black Walnut	10	Poor	Remove
2595	*Juglans nigra*	Black Walnut	12	Poor	Remove
2596	*Juglans nigra*	Black Walnut	8	Poor	Remove
2597	*Juglans nigra*	Black Walnut	8	Poor	Remove
2598	*Juglans nigra*	Black Walnut	9	Poor	Remove
2599	*Unknown*	Dead	14, 12	Dead	Remove
2600	*Morus rubra*	Red Mulberry	6	Poor	Remove
2601	*Morus rubra*	Red Mulberry	6	Poor	Off-Site
2602	*Unknown*	Dead	8	Dead	Remove
2603	*Celtis occidentalis*	Hackberry	22	Good	Remove
2604	*Celtis occidentalis*	Hackberry	9	Poor	Remove
2605	*Populus deltoides*	Cottonwood	16	Good	Off-Site
2606	*Populus deltoides*	Cottonwood	27	Good	Off-Site
2607	*Populus deltoides*	Cottonwood	26	Good	Off-Site
2608	*Populus deltoides*	Cottonwood	21	Good	Off-Site
2609	*Acer negundo*	Boxelder	8	Poor	Remove
2610	*Acer negundo*	Boxelder	6	Poor	Remove
2611	*Unknown*	Dead	10	Poor	Remove
2612	*Populus deltoides*	Cottonwood	22	Good	Off-Site
2613	*Unknown*	Dead	10	Poor	Remove
2614	*Celtis occidentalis*	Hackberry	8	Fair	Remove
2615	*Prunus serotina*	Black Cherry	10	Poor	Off-Site
2616	*Populus deltoides*	Cottonwood	16	Good	Off-Site
2617	*Acer negundo*	Box Elder	24	Poor	Off-Site
2618	*Prunus serotina*	Black Cherry	20	Poor	Remove
2619	*Populus deltoides*	Eastern Cottonwood	30	Poor	Off-Site
2620	*Celtis occidentalis*	Hackberry	18	Poor	Off-Site
2621	*Unknown*	Unknown	Unknown	Unknown	Remove
2622	*Unknown*	Unknown	Unknown	Unknown	Remove
2901	*Tilia americana*	American Basswood	12	Good	Off-Site
2902	*Tilia americana*	American Basswood	12	Good	Off-Site
2903	*Gleditsia triacanthos*	Honey Locust	8	Poor	Off-Site
2904	*Gleditsia triacanthos*	Honey Locust	8	Poor	Off-Site
2905	*Pyrus calleryana*	Callery Pear	10	Good	Off-Site
2906	*Pyrus calleryana*	Callery Pear	10	Good	Off-Site
2907	*Taxodium distichum*	Bald Cypress	8	Poor	Off-Site
2908	*Taxodium distichum*	Bald Cypress	8	Poor	Off-Site
2909	*Tilia americana*	American Basswood	14	Good	Off-Site
2910	*Tilia americana*	American Basswood	14	Good	Off-Site
2911	*Juglans nigra*	Black Walnut	14	Good	Off-Site
2912	*Acer saccharum*	Suger Maple	14	Fair	Off-Site
2913	*Acer saccharum*	Suger Maple	16	Good	Remove
2914	*Acer saccharum*	Suger Maple	16	Good	Remove
2915	*Acer saccharum*	Suger Maple	16	Good	Remove
2916	*Acer saccharum*	Suger Maple	16	Good	Off-Site
2917	*Acer saccharum*	Suger Maple	16	Good	Off-Site
2918	*Pyrus calleryana*	Callery Pear	8	Poor	Off-Site
2919	*Ulmus carpinifolia*	Smooth Elm	8	Poor	Off-Site
2920	*Ulmus carpinifolia*	Smooth Elm	10	Fair	Off-Site
2921	*Taxodium distichum*	Bald Cypress	10	Good	Off-Site
2922	*Gleditsia triacanthos*	Honey Locust	8	Good	Off-Site
2923	*Gleditsia triacanthos*	Honey Locust	12	Good	Off-Site
2924	*Tilia americana*	American Basswood	14	Good	Off-Site
2925	*Tilia americana*	American Basswood	14	Good	Off-Site
2926	*Gleditsia triacanthos*	Honey Locust	16	Good	Off-Site
2927	*Tilia cordata*	Littleleaf Linded	14	Good	Off-Site
2928	*Acer saccharum*	Suger Maple	10	Good	Off-Site
2929	*Unknown*	Dead	20	Poor	Remove
2930	*Juglans nigra*	Black Walnut	15	Fair	Remove
2931	*Juglans nigra*	Black Walnut	15	Fair	Remove
2932	*Celtis occidentalis*	Hackberry	12	Poor	Remove
2933	*Populus deltoides*	Eastern Cottonwood	10	Poor	Remove
2934	*Populus deltoides*	Eastern Cottonwood	10	Poor	Remove
2935	*Tilia cordata*	Littleleaf Linden	8	Fair	Remove
2936	*Tilia americana*	American Basswood	8	Poor	Remove
2937	*Acer negundo*	Boxelder	12	Poor	Remove
2938	*Acer negundo*	Boxelder	15	Fair	Remove
2939	*Unknown*	Dead	8	Poor	Remove
2940	*Juglans nigra*	Black Walnut	13	Poor	Remove
2941	*Populus deltoides*	Eastern Cottonwood	10	Poor	Remove
2942	*Populus deltoides*	Eastern Cottonwood	12	Poor	Remove
2943	*Tilia cordata*	Littleleaf Linded	10	Poor	Off-Site
2944	*Unknown*	Dead	24	Poor	Remove
2945	*Unknown*	Dead	12	Poor	Remove
2946	*Celtis occidentalis*	Hackberry	24	Poor	Remove
2947	*Taxodium distichum*	Bald Cypress	15	Fair	Remove
2948	*Ulmus americana*	American Elm	8	Poor	Remove
2949	*Morus rubra*	Red Mulberry	10	Fair	Remove
2950	*Robinia pseudoacacia*	Black Locust	15	Poor	Remove
2951	*Juglans nigra*	Black Walnut	10	Poor	Preserve
2952	*Gleditsia triacanthos*	Honey Locust	12	Fair	Preserve
2953	*Robinia pseudoacacia*	Black Locust	8	Poor	Preserve
2954	*Robinia pseudoacacia*	Black Locust	8	Fair	Preserve
2955	*Prunus serotina*	Black Cherry	8	Fair	Preserve
2956	*Juglans nigra*	Black Walnut	8, 8, 8	Poor	Preserve
2957	*Prunus serotina*	Black Cherry	8	Fair	Preserve
2958	*Acer saccharinum*	Silver Maple	8	Poor	Preserve
2959	*Acer saccharinum*	Silver Maple	8	Poor	Preserve
2960	*Gleditsia triacanthos*	Honey Locust	12	Poor	Preserve
2961	*Acer saccharinum*	Silver Maple	12, 4	Poor	Preserve
2962	*Ailanthus altissima*	Tree of Heaven	10	Poor	Preserve
2963	*Ailanthus altissima*	Tree of Heaven	10	Poor	Off-Site
2964	*Ailanthus altissima*	Tree of Heaven	10	Poor	Off-Site
2965	*Alanthus altissima*	Tree of Heaven	8	Fair	Off-Site
2966	*Juglans nigra*	Black Walnut	8	Fair	Preserve
2967	*Prunus serotina*	Black Cherry	6	Poor	Preserve
2968	*Acer saccharinum*	Silver Maple	8	Fair	Preserve
2969	*Acer saccharinum*	Silver Maple	8	Poor	Preserve
2970	*Ailanthus altissima*	Tree of Heaven	10	Fair	Preserve
2971	*Ailanthus altissima*	Tree of Heaven	12	Fair	Preserve
2972	*Acer saccharinum*	Silver Maple	8	Poor	Preserve
2973	*Ailanthus altissima*	Tree of Heaven	10	Fair	Preserve
2974	*Ailanthus altissima*	Tree of Heaven	10	Fair	Preserve
2975	*Ailanthus altissima*	Tree of Heaven	30	Poor	Preserve
2976	*Ailanthus altissima*	Tree of Heaven	28	Poor	Preserve
2977	*Morus rubra*	Red Mulberry	10	Poor	Preserve
2978	*Celtis occidentalis*	Hackberry	8	Good	Preserve
2979	*Ailanthus altissima*	Tree of Heaven	30	Poor	Preserve
2980	*Acer saccharinum*	Silver Maple	18	Poor	Preserve
2981	*Morus rubra*	Red Mulberry	10	Poor	Preserve
2982	*Ailanthus altissima*	Tree of Heaven	10	Fair	Preserve
2983	*Ailanthus altissima*	Tree of Heaven	8	Poor	Preserve
2984	*Ailanthus altissima*	Tree of Heaven	10	Poor	Preserve
2985	*Ailanthus altissima*	Tree of Heaven	16	Poor	Preserve
2986	*Ailanthus altissima*	Tree of Heaven	12	Poor	Preserve
2987	*Prunus serotina*	Black Cherry	20	Poor	Preserve
2988	*Juglans nigra*	Black Walnut	14	Poor	Preserve
2989	*Ailanthus altissima*	Tree of Heaven	8	Fair	Preserve
2990	*Platanus occidentalis*	American Sycamore	10, 12	Poor	Preserve
2991	*Ulmus americana*	American Elm	14	Poor	Preserve
2992	*Picea abies*	Norway Spruce	10	Poor	Preserve
2993	*Celtis occidentalis*	Hackberry	10	Poor	Preserve
2994	*Celtis occidentalis*	Hackberry	12	Poor	Preserve
2995	*Celtis occidentalis*	Hackberry	8	Fair	Preserve
2996	*Acer negundo*	Boxelder	10	Fair	Remove
2997	*Acer negundo*	Boxelder	8	Poor	Remove
2998	*Acer negundo*	Boxelder	12	Poor	Remove

HEALTH RATING:
GOOD - LESS THAN 20% DEAD WOOD AND SOUND STRUCTURE
FAIR - 20-60% DEAD WOOD, UNSOUND STRUCTURE, MINOR SIGNS OF DISEASE
POOR - 60-90% DEAD WOOD, STRUCTURAL DAMAGE, HEAVY SIGNS OF DISEASE
DEAD - GREATER THAN 90% DEAD WOOD / DEAD CROWN WITH RESPROUTS

811 Know what's below. Call before you dig.

GR WA
GARY R. WEBER ASSOCIATES, INC.
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ECOLOGICAL CONSULTING
LANDSCAPE ARCHITECTURE
402 W. LIBERTY DRIVE
WHEATON, ILLINOIS 60187
PHONE: 630-668-7197

CLIENT
D·R·HORTON America's Builder
1750 E. GOLF ROAD, SUITE 925
SCHAUMBURG, IL 60173

CIVIL ENGINEER
CAGE CIVIL ENGINEERING
3110 WOODCREEK DRIVE
DOWNERS GROVE, IL 60515

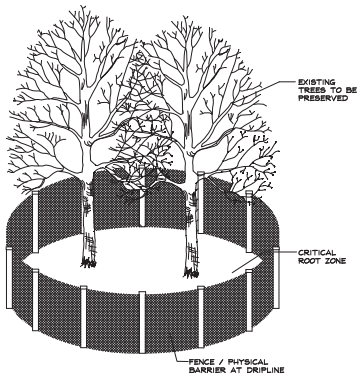
CHARLESTOWNE LAKES
ST. CHARLES, ILLINOIS
TREE INVENTORY

3 5.13.2022
2 3.24.2022
1 2.24.2022
REVISIONS

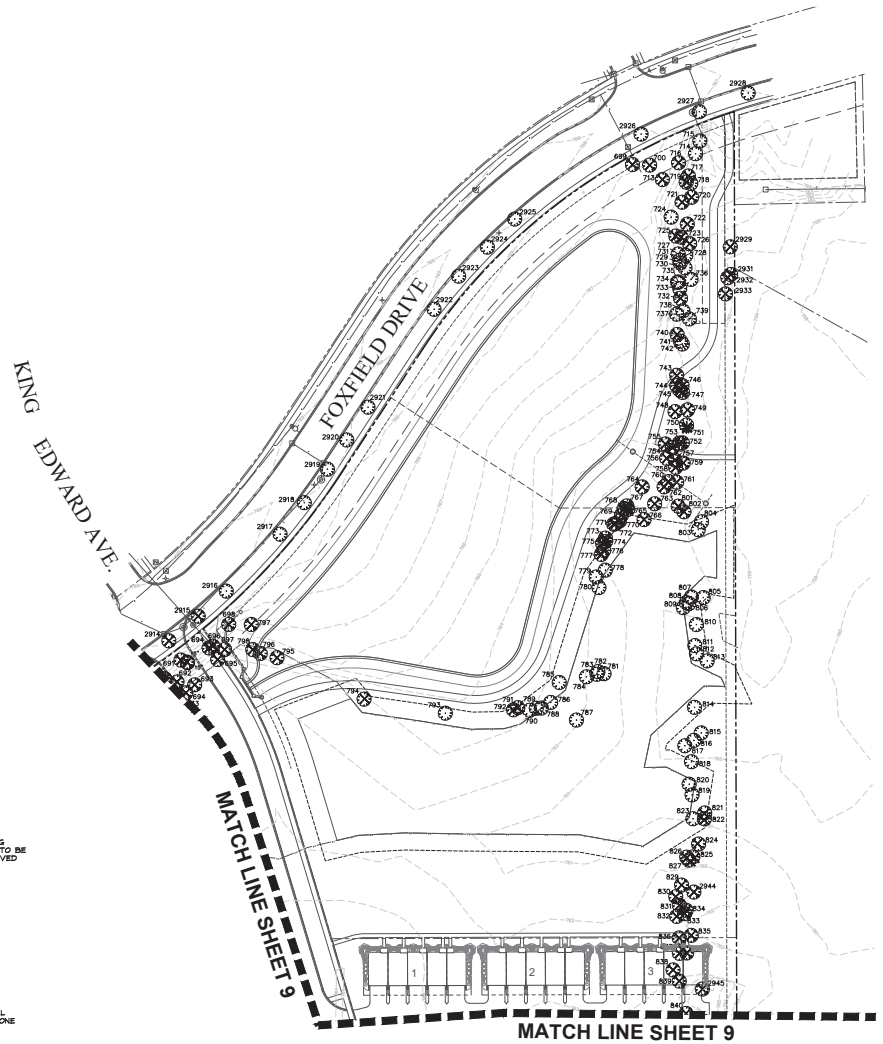
DATE 12.03.2021
PROJECT NO. DR2061
DRAWN JLT
CHECKED MGM

TREE PRESERVATION NOTES

1. 48'' high snow fence or wood barriers shall extend to the dripline of the tree or tree mass whenever possible, shall be installed before construction begins, and should not be removed until the completion of construction.
2. All accidental damage to existing trees that are to be preserved shall be promptly treated as required in accordance with recognized horticultural practices and the instructions of the professional Arborist, Landscape Architect or Horticulturist.
3. Broken or badly bruised branches shall be removed with a clean cut. If recommended by the professional Arborist, Landscape Architect or Horticulturist.
4. Care shall be exercised by the contractors to protect all overhead limbs and branches from damage by contact with material, machinery or equipment and by damage from engine exhaust.
5. Contractors shall protect trees and vegetation against spills or discharge of fuels,lubricating oils, hydraulic fluids, anti-freeze and coolants, calcium chloride, lime and all other similar hydrocarbons, organic chemicals, and other materials which can be harmful.
6. When underground utilities are proposed within 5' of a preserved tree trunk, they must be augered if possible.



TREE PRESERVATION DETAIL
(NOT TO SCALE)
SEE NOTES



LEGEND

EXISTING TREE TO BE PRESERVED

EXISTING TREE TO BE REMOVED

0 30' 60' 120' 180'
SCALE: 1"=60'

NORTH

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CHARLESTOWNE LAKES
ST. CHARLES, ILLINOIS

TREE PRESERVATION PLAN

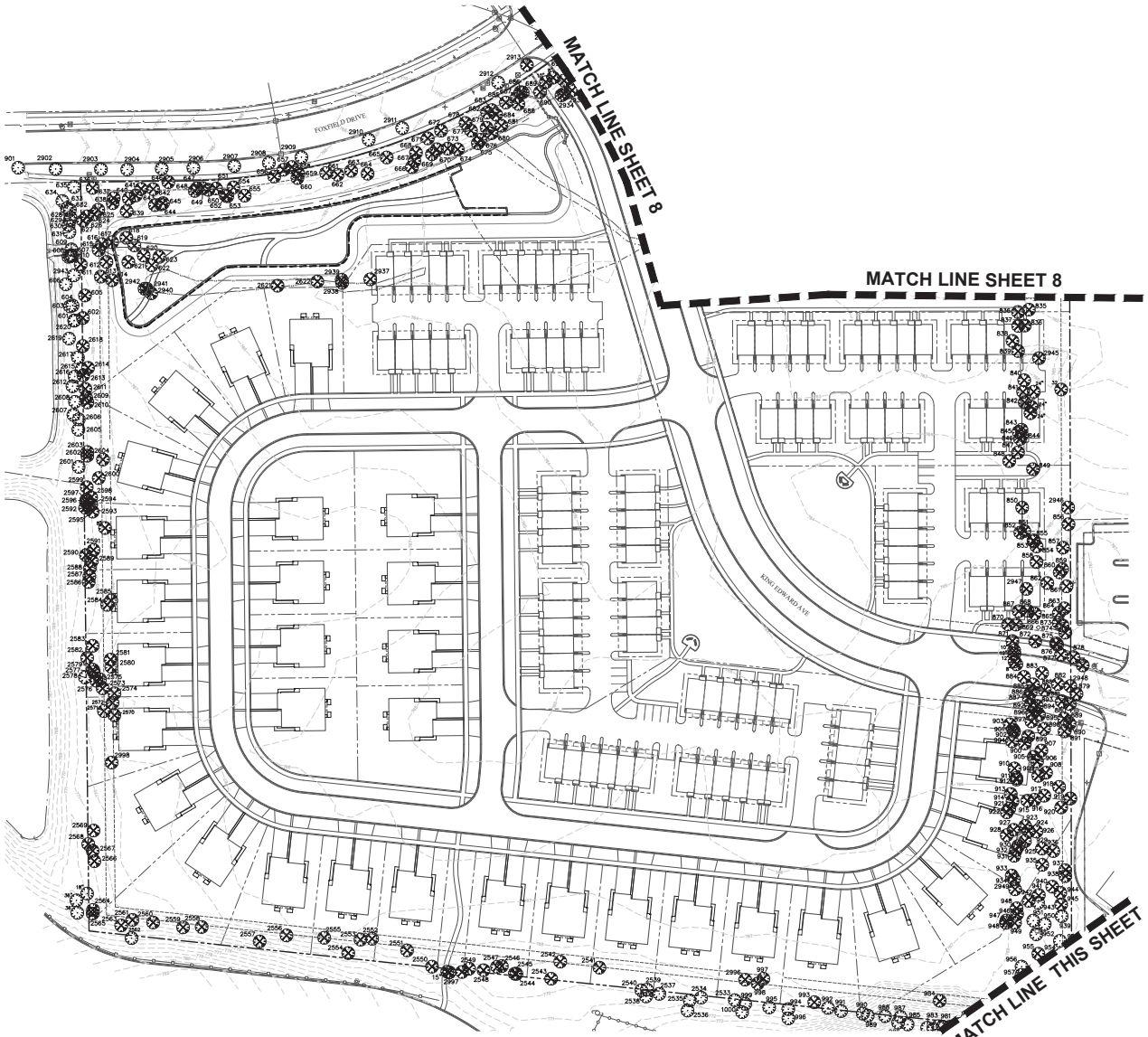
3	5.13.2022
2	3.24.2022
1	2.24.2022

REVISIONS

DATE	12.03.2021
PROJECT NO.	DR2061
DRAWN	JLT
CHECKED	MGM

SHEET NO.

8 OF 10



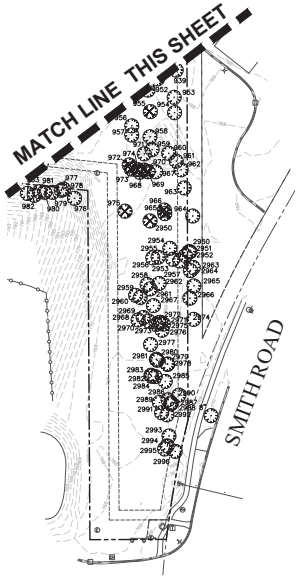
0 30' 60' 120' 180'
SCALE: 1"=60'

NORTH

LEGEND

EXISTING TREE TO BE PRESERVED

EXISTING TREE TO BE REMOVED



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CHARLESTOWNE LAKES

ST. CHARLES, ILLINOIS

TREE PRESERVATION PLAN

3	5.13.2022
2	3.24.2022
1	2.24.2022

REVISIONS

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SHEET NO.

9 OF 10

LANDSCAPE WORK PART 1 - GENERAL

1.1 DESCRIPTION OF WORK

The work shall consist of furnishing, transporting and installing all seeds, plants and other materials required for:

1. The establishment of trees, shrubs, perennial, annual and lawn areas as shown on Landscape Plan;
2. The provision of post-planting management as specified herein;
3. Any remedial operations necessary in conformance with the plans as specified in this document;
5. Permits which may be required.

1.2 QUALITY ASSURANCE

A. Work shall conform to State of Illinois Horticultural Standards and local municipal requirements.

B. Quality Control Procedures:

1. Ship landscape materials with certificates of inspection as required by governmental authorities. Comply with governing regulations applicable to landscape materials.

2. Do not make substitutions. If specified landscape material is not obtainable, submit to Landscape Architect proof of non-availability and proposal for use of equivalent material.

3. Analysis and Standards: Package standard products with manufacturers certified analysis.

1.3 SUBMITTALS

A. Planting Schedule

Submit three (3) copies of the proposed planting schedule showing dates for each type of planting

B. Maintenance Instruction - Landscape Work

Submit two (2) copies of typewritten instructions recommending procedures to be established by the Owner for the maintenance of landscape work for one full year. Submit prior to expiration of required maintenance periods.

Instructions shall include: watering, fertilizing, spraying, mulching and pruning for plant material and trimming groundcover. Instructions for watering, fertilizing and mowing grass areas shall be provided ten (10) days prior to request for inspection for final acceptance. Landscape Architect shall receive copies of all instructions when issued.

C. Submit two (2) copies of soil test of existing topsoil with recommendations for soil additive requirement to Landscape Architect for review and written approval.

D. Submit two (2) samples of shredded hardwood bark mulch, erosion control blankets, and all other products and materials as specified on plans to Landscape Architect for review and written approval.

E. Nursery packing lists indicating the species and quantities of material installed must be provided to the Owner and/or Municipality upon request.

1.4 JOB CONDITIONS

A. Examine and evaluate grades, soils and water levels. Observe the conditions under which work is to be performed and notify Landscape Architect of unsatisfactory conditions. Do not proceed with the work until unsatisfactory conditions have been corrected in an acceptable manner.

B. Utilities: Review underground utility location maps and plans; notify local utility location service; demonstrate an awareness of utility locations; and certify acceptance of liability for the protection of utilities during course of work. Contractor shall be responsible for any damage to utilities or property.

C. Excavation: When conditions detrimental to plant growth are encountered such as rubble fill, adverse drainage conditions or obstructions, notify Landscape Architect before planting.

1.5 GUARANTEES

A. Guarantee seeded and sodded areas through the specified maintenance period and until final acceptance.

B. Guarantee trees, shrubs, and perennials for a period of one year after date of acceptance against defects including death and unsatisfactory growth, except for defects resulting from neglect by Owner, abuse or damage by others or unusual phenomena or incidents which are beyond Landscape Installer's control.

C. Native Planting Area Performance Standards: Stormwater Basins (Wetland Mitigation Facility)

Within three (3) months of seed installation, the total vegetative cover in all areas seeded with cover crop shall be greater to or equal than seventy-five percent (75%) as measured by general visual assessment. If seed installation is completed in the fall, this standard shall be met by June 1st of the following year.

Within the 5-year monitoring period, the following criteria must be met:

1. Emergent and wet meadow zones shall meet the definition of wetland and support a dominance of hydrophytic vegetation.

2. No more than 10% of native areas shall allow non native/invasive to become established on the site and/or allowed to colonize as a monoculture. These species include, but are not limited to Ragweed (Artemesia spp.), Horsetail (Erigeron canadensis), Foxtail (Alopecurus spp. & Setaria spp.), Cottonwood (Populus deltoids), Box Elder (Acer negundo), Sandbar Willow (Salix interior), Barnyard Grass (Echinochloa crusgalli), etc.

   a. Cattail colonization in new planting shall be limited 30% due to prevalence of cattails in the preserved wetland.

3. All vegetated zones, including the Buffer, within any Wetland Mitigation Facility shall achieve eighty five percent (85%) cover, with the following exceptions:
   a. The emergent Plant Community shall achieve sixty percent (60%) aerial coverage;
   b. The floating vascular Plant Community shall meet twenty-five percent (25%) aerial coverage; and
   c. Open Water shall have zero percent (0%) vegetative coverage.

4. There shall be no areas greater than 0.25m2 that are devoid of vegetation.

5. There shall be no rills or gullies present throughout the project area.

6. The following Floristic Quality Index (FQI) standards shall be achieved for all planted native areas:

   a. Based on the results of the meander survey, the goal is to have the Native Mean C-value increase each successive year after planting.
   b. Based on the meander survey, the goal is to have the Native FQI increase each successive year.
   c. By the end of the third-fifth growing season, the native area shall achieve or exceed a C-value of 2.0 and FQI of 10 as per Section 9-174.A.3 of the County Ordinance.

LANDSCAPE WORK PART 2 - PLANT MATERIALS

2.1 LAWN SOD

Provide strongly rooted sod, not less than two (2) years old and free of weeds and undesirable native grasses. Provide only sod capable of growth and development when planted (viable, not dormant) and in strips not more than 18" wide x 4' long. Provide sod composed of a 5-way blend of Kentucky Bluegrass such as: Midnight, Allure, Viva, Washington, Liberty.

2.2 LAWN SEED MIXTURE

Grass Seed: Provide fresh, clean, new crop seed complying with the tolerance for purity and germination established by the Official Seed Analysts of North America. Provide seed of the grass species, proportions and maximum percentage of weed seed, as specified.

A. Lawn Seed Mixture - 5 lbs. / 1,000 sq. ft.
   - 50% Kentucky Bluegrass 'RB/BS'
   - 15% Cutter Perennial Ryegrass
   - 10% Spartan Hard Fescue
   - 10% Edge Perennial Ryegrass
   - 10% Express Perennial Ryegrass
   - 5% Pennlawn Creeping Red Fescue

B. Temporary Lawn Seed Mixture - 5 lbs. / 1,000 sq. ft.
   - 40% Kentucky Bluegrass 'RB/BS'
   - 40% Perennial Ryegrass
   - 20% Annual Ryegrass

2.3 NATIVE PLANTING MIXTURES

Provide fresh, clean, new crop of the species and proportions as specified. Native seed and live plant material shall be obtained from a reputable supplier (approved by Landscape Architect,) that has collected from sources east of the Mississippi River within the same EPA Level III Ecoregion as the project site (Central Corn Belt Plains). Any material sourced from outside this ecoregion must be approved by the Landscape Architect prior to installation.

For each species, the amount of seed indicated in the specifications shall mean the total amount of pure live seed (PLS) per acre. Seed tags and PLS testing information shall be provided to the Landscape Architect prior to seeding.

It is the sole responsibility of the Native Landscape Contractor to provide approved seed that meets industry-standard PLS requirements.

2.4 GROUNDCOVERS, PERENNIALS AND ANNUALS

Provide plants established and well-rooted in removable containers or integral peat pots and with not less than the minimum number and length of runners required by ANSI Z60.1 for the pot size shown or listed.

2.5 TREES AND SHRUBS

A. Name and Variety: Provide nursery grown plant material true to name and variety.

B. Quality: Provide trees, shrubs and other plants complying with the recommendations and requirements of ANSI Z60.1 "Standard for Nursery Stock" and as further specified.

C. Deciduous Trees: Provide trees of height and caliper listed or shown and with branching configuration recommended by ANSI Z60.1 for type and species required. Provide single stem trees except where special forms are shown or listed. Provide balled and burlapped (B&B) deciduous trees.

D. Deciduous Shrubs: Provide shrubs of the height shown or listed and with not less than the minimum number of canes required by ANSI Z60.1 for the type and height of shrub required. Provide balled and burlapped (B&B) deciduous shrubs.

E. Coniferous Evergreen: Provide evergreens of the sizes shown or listed. Dimensions indicate minimum spread for spreading and semi-spreading type evergreens and height for other types. Provide quality evergreens with well-balanced form complying with requirements for other size relationships to the primary dimension shown. Provide balled and burlapped (B&B) evergreen trees and containerized shrubs.

F. Inspection: All plants shall be subject to inspection and review at the place of growth or upon delivery and conformity to specification requirements as to quality, right of inspection and rejection upon delivery at the site or during the progress of the work for size and condition of balls or roots, diseases, insects and latent defects or injuries. Rejected plants shall be removed immediately from the site.

2.6 PLANTING SOIL MIXTURE

Provide planting soil mixture consisting of clean uncompacted topsoil (stockpiled at site) for all planting pits, perennial, annual and groundcover areas. Topsoil shall be conditioned based on any recommendations resulting from the soil test in 1.3.C.

2.7 EROSION CONTROL

A. Lawn Seed Areas Erosion Control Blanket: North American Green D5T5, or equivalent approved equal.

B. Native Areas Erosion Control Blanket: North American Green S150, or equivalent approved equal.

C. Shoreline and Sloped Berm Areas Erosion Control Blanket: North American Green SC150, or approved equal. To be installed per manufacturer's recommendations.

D. Refer to latest Engineering & Erosion Control Plans for any areas to receive permanent or long-term blanket installation.

2.8 MULCH

Provide mulch consisting of shredded hardwood. Provide sample to Landscape Architect for approval prior to ordering materials.

LANDSCAPE WORK PART 3 - EXECUTION

3.1 PLANTING SCHEDULE

At least thirty (30) days prior to the beginning of work in each area, submit a planting schedule for approval by the Landscape Architect.

3.2 PLANTINGS

A. Sodding New Lawns

1. Remove existing grass, vegetation and turf. Dispose of such material legally off-site, do not turn over into soil being prepared for lawns.

2. Till to a depth of not less than 6"; apply soil amendments as needed; remove high areas and fill in depressions; till soil to a homogenous mixture of fine texture, remove lumps, clods, stones over 1" diameter, roots and other extraneous matter. Dispose of such material legally off-site.

3. Sodded areas shall receive an application of commercial fertilizer at the rate of 10 lbs. per 1,000 sq. ft. and shall have an analysis of 16-8-8.

4. Lay sod within 24 hours from time of stripping.

5. Lay sod to form a solid mass with tightly fitted joints. Butt ends and sides of sod strips and do not overlap. Stagger strips to offset joints in adjacent courses. Work from boards to avoid damage to subgrade or sod. Tamp or roll lightly to ensure contact with subgrade. Work sifted soil into minor cracks between pieces of sod; remove excess to avoid smothering of adjacent grass.

6. Water sod thoroughly with a fine spray immediately after planting.

B. Seeding New Lawns

1. Remove existing grass, vegetation and turf. Dispose of such material legally off-site. Do not turn over into soil being prepared for lawns.

2. Till to a depth of not less than 6"; apply soil amendments; remove high areas and fill in depressions; till soil to a homogenous mixture of fine texture, remove lumps, clods, stones over 1" diameter, roots and other extraneous matter. Dispose of such material legally off-site.

3. Seeded lawn areas shall receive an application of commercial fertilizer at the rate of 5 lbs. per 1,000 sq. ft. and shall be 6-24-24. Fertilizer shall be uniformly spread and mixed into the soil to a depth of 1" inches.

4. Do not use wet seed or seed which is moldy or otherwise damaged in transit or storage.

5. Sow seed using a spreader or seeding machine. Do not seed when wind velocity exceeds five (5) miles per hour. Distribute seed evenly over entire area by sowing equal quantity in two directions at right angles to each other.

6. Sow lawn seed than specified rate.

7. Rake lawn seed lightly into top 1" of soil, roll lightly and water with a fine spray.

C. Seeding Native Areas

1. The period for planting prairie seed shall be from April 1 to May 15 or November 1 to just before the first frost. Seeding outside of these timeframes must be approved by the landscape architect. Native seed planted outside of specified timeframes must have at least 60 days of growth prior to frost. Dormant seeding in winter is possible if soil conditions allow.

2. The General Contractor and Native Landscape Contractor shall be responsible for performing all work necessary to achieve and maintain an acceptable seedbed prior to seeding. All areas must be properly prepared before seeding begins. Equipment having low unit pressure ground contact shall be utilized within the planting areas.

3. If present, compacted soils shall be disked or raked prior to seeding. Remedial measures for the access area may, at the direction of the Wetland Consultant, involve ripping from 12 to 18 inches of the soil horizon prior to disking.

4. Prior to seeding, planting areas shall have at least twelve inches of clean un-compacted topsoil. Clumps, clods, stones over 2" diameter, roots and other extraneous matter shall be removed and disposed of legally off-site.

5. Granular mycorrhizal inoculants shall be installed with the seed mix at a rate of 40lbs/acre. Inoculant can be banded under seed, worked into seed or added into spray tanks. Native areas shall not receive fertilizer.

6. Contractor shall be solely responsible for the proper handling and storage of the seed according to the best seed handling and storage practices, including fungicide treatments and stratification considerations. Owner shall make no compensation for damage to the seed because of improper storage, cleaning, threshing, or screening operations.

7. Except where site conditions preclude their use, seeding shall be performed using a Truax drill, Truax Trillion seeder, or comparable equipment designed specifically for installation of native seed. For areas where site conditions preclude the use of specialized equipment, seed may be installed through hand broadcasting and followed by light raking. Hand broadcast seed shall be spread at twice the specified rate. Other methods of seed installation may be used with prior approval from the Landscape Architect.

8. Prior to starting work, all seeding equipment shall be calibrated and adjusted to sow seeds at the proper seeding rate. In general, the optimum seeding depth is 0.25 inch below the soil surface. Areas where the seed has not been incorporated into the soil to the proper depths will not be accepted, and no compensation for materials or labor for the rejected work will be made by the Owner.

9. Seeding and soil tracking/firming shall not be done during periods of rain, severe drought, high winds, excessive moisture, frozen ground, or other conditions that preclude satisfactory results.

10. Wet mesic and emergent areas shall be planted, and seed allowed to germinate (if possible), prior to flooding with significant amounts of water. Any areas of significant permanent water located within the planting area will receive live plugs in lieu of seed.

11. After the seeding operation is completed, install erosion control blanket per manufacturer's specifications.

12. Emergent plugs shall be planted in natural groupings within designed areas containing saturated soils or shallow inundation. Plants within groupings shall be planted at 2 foot centers.

13. Emergent plugs shall not be planted less than the specified rate and shall be protected with goose exclosures surrounding all natural groupings of plugs.

E. Groundcover and Perennial Beds

Groundcover, perennials, and annuals shall be planted in continuous beds of planting soil mixture a minimum of 8" deep. Install per spacing indicated on plan.

F. Trees and Shrubs

1. Set balled and burlapped (B&B) stock plumb and in center of pit or trench with top of ball at an elevation that will keep the root flare exposed upon backfill and mulching. Remove burlap from top and sides of balls; retain on bottoms. When set, place additional topsoil backfill around base and sides of ball and work each layer to settle backfill and eliminate voids and air pockets. When excavation is approximately 2/3 full, water thoroughly before placing remainder of backfill. Repeat watering until no more is absorbed. Water again after placing final layer of backfill.

2. Dish top of backfill to allow for mulching. Provide additional backfill berm around edge of excavations to form shallow saucer to collect water.

3. Mulch pits, trenches and planted areas. Provide not less than 2" thickness of mulch and work into top of backfill and finish level with adjacent finish grades. Maintain exposed root flare at all times.

4. Prune only injured or dead branches from flowering trees, if any. Protect central leader of tree during shipping and pruning operations. Prune shrubs to retain natural character in accordance with standard horticultural practices.

5. Remove and replace excessively pruned or ill-formed stock resulting from improper pruning.

6. The Contractor shall be wholly responsible for assuring that all trees are planted in a vertical and plumb position and remain so throughout the life of this contract and guarantee period. Trees may or may not be staked and guyed depending upon the individual preference of the Contractor; however, any bracing procedure(s) must be approved by the Owner prior to its installation.

3.3 INITIAL MAINTENANCE

A. Begin maintenance immediately after planting, continuing until Final acceptance. A minimum of thirty (30) days.

B. Maintain planted and seeded areas by watering, rolling/regrading, replanting and implementing erosion control as required to establish vegetation free of eroded or bare areas.

C. Highlands Fescue and Native Planting areas are to be mowed only once per spring during the initial three year establishment period.

3.4 NATIVE LANDSCAPED AREAS CONTINUED MONITORING & MAINTENANCE

A. Native Area Performance Standards: Stormwater Basins (Wetland Mitigation Facility)

At no time throughout management activities shall aggressive native species, non-native species, nor invasive/exotic species be allowed to become established on the site and/or allowed to colonize. These species include, but are not limited to Ragweed (Artemesia spp.), Horsetail (Erigeron canadensis), Foxtail (Alopecurus spp. & Setaria spp.), Cottonwood (Populus deltoids), Box Elder (Acer negundo), Sandbar Willow (Salix interior), Cattails (Typha spp.), Barnyard Grass (Echinochloa crusgalli), etc.

Within three (3) months of seed installation, the total vegetative cover in all areas seeded with cover crop shall be greater to or equal than seventy-five percent (75%) as measured by general visual assessment. If seed installation is completed in the fall, this standard shall be met by June 1st of the following year.

1st Full Growing Season: 25% of the native species installed via seed shall be alive and apparent. None of the dominant species within the seeded areas shall be invasive/exotic species. At least 60% of any live native herbaceous plant material installed in the emergent zone shall be alive and in vigorous condition.

2nd Full Growing Season. 50% of the native species installed via seed shall be alive and apparent. Native cover shall be at least 50%, but shall not be dominated by aggressive native species.

3rd -5th Full Growing Season: In addition to fulfilling the above, for each planting zone, 85% of the native species installed via seed shall be alive and apparent. None of the dominant species within the planting zone(s) shall be non-native or invasive/exotic species.

There shall be no areas greater than 0.25m2 that are devoid of vegetation.

There shall be no rills or gullies present throughout the project area.

The following Floristic Quality Index (FQI) standards shall be achieved for all planted native areas:

a) Based on the results of the meander survey, the goal is to have the Native Mean C-value increase each successive year after planting.
b) Based on the meander survey, the goal is to have the Native FQI increase each successive year.
c) By the end of the third-fifth growing season, the native area shall achieve or exceed a C-value of 2.0 and FQI of 10 as per Section 9-174.A.3 of the County Ordinance.

B. Monitoring

The Owner shall notify the Municipality upon completion of plantings. The Owner's Environmental Specialist shall inspect the plantings and provide the Municipality with a copy of the planting locations, species, and quantities for verification.

The Owner's Environmental Specialist shall inspect the plantings at least twice per year during the three-year term of the Establishment and Maintenance Cash Bond or Letter of Credit, to determine compliance with the minimum annual performance criteria (See 1.5C Guarantees). A monitoring report will be provided to the Municipality by January 31st following each inspection.

C. Maintenance:

First Season

With the exception of the emergent area, native seeding areas should be mowed to a height of 6" to control annual nonnative and invasive species early in the growing season. Mowing, including weed whipping, should be conducted during prior to weed seed production. Mowing height and timing may need to be adjusted per target species. Small quantities of undesirable plant species, shall be controlled by hand pulling prior to the development and maturity of the plant. Hand removal shall include the removal of all above-ground and below-ground stems, roots and flower masses prior to development of seeds. Herbicide should be applied as necessary by a trained and licensed operator that is competent in the identification of native and nonnative herbaceous plants. Debris and litter shall be removed from the native areas and storm structures shall be inspected and maintained as necessary.

Second Season

Control of undesirable plant species during the second growing season shall consist primarily of precise herbicide application. Mowing and weed whipping shall be conducted as needed during the early growing season and as needed to a height of 6 to 8 inches to prevent annual weeds from producing seed. Debris and litter shall be removed from the native areas and storm structures shall be inspected and maintained as necessary.

Third Year:

Seasonal mowing and herbicide will continue as above but should be reduced over time. Debris and litter shall be removed from the native areas and storm structures shall be inspected and maintained as necessary.

Long Term Wetland and Prairie Management/Maintenance

A final compliance report and Long-Term Operation and Maintenance Plan shall be submitted by the Developer/Owner's Environmental Specialist no less than 60 days prior to the expiration of any landscape Cash Bond or Letter of Credit posted for the native areas. Final acceptance and release shall be determined by the County/Municipality/USACE upon inspection of the site to verify compliance.

The Long -Term Operation and Maintenance Plan shall be written to include guidelines and schedules for burning, mowing, application of herbicide, debris/litter removal and inspection schedule for storm structures and sediment removal.

3.5 CLEAN UP AND PROTECTION

A. During landscape work, store materials and equipment where directed. Keep pavements clean and work areas and adjoining areas in an orderly condition.

B. Protect landscape work and materials from damage due to landscape operations, operations by other trades and trespassers. Maintain protection during installation and maintenance periods. Treat, repair or replace damaged landscape work as directed by Landscape Architect.

3.6 INSPECTION AND ACCEPTANCE

A. The Landscape Architect reserves the right to inspect seeds, plants, trees and shrubs either at place of growth or at site before planting for compliance with requirements for name, variety, size, quantity, quality and mix proportion.

B. Supply written affidavit certifying composition of seed mixtures and integrity of plant materials with respect to species, variety and source.

C. Notify the Landscape Architect within five (5) days after completing initial and/or supplemental plantings in each area.

D. When the landscape work is completed, including maintenance, the Landscape Architect will, upon request, make a final inspection to determine acceptability. After final acceptance, the Owner will be responsible for maintenance.

GARY WEBER ASSOCIATES, INC.
LANDSCAPE ARCHITECTURE
LAND PLANNING

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ST. CHARLES, ILLINOIS

LANDSCAPE SPECIFICATIONS

3	5.13.2022	
2	3.24.2022	
1	2.24.2022	

REVISIONS

DATE	12.03.2021
PROJECT NO.	DR2061
DRAWN	JLT
CHECKED	MGM
SHEET NO.	

10 OF 10