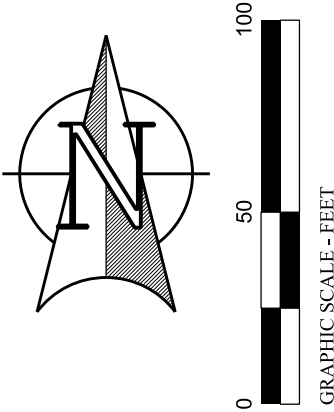


Landscape Data Table: Planting Material Key	
Note: Symbols are blackline for proposed grayscale for existing	
Canopy Trees (minimum size 2.5 caliper) Count:	255
Evergreen Trees (minimum size 6 feet) Count:	87
Understory Trees (minimum size 2.5 caliper or 8 feet # multi-stemmed) Count:	47
Evergreen Shrubs (minimum of 18 inches) Count:	114
Deciduous Shrubs (minimum of 18 inches) Count:	141
Ornamental Grasses Count:	69
Perennials Count:	550
Annuals Count:	0
Groundcover Square Footage:	6348
Turf (Seeded) Square Footage:	699568
Turf (Sod) Square Footage:	0
Native Prairie Planting Square Footage:	0
Native Wetland Planting Square Footage:	7666

Landscape Data Table: CTEs Provided			
	CTE Value	Count Provided	Total CTEs Provided
Canopy Trees	1	255	255
Evergreen Trees	1/3	87	29
Understory Trees	1/3	47	16
Deciduous Shrubs	1/20	141	7
Evergreen Shrubs	1/20	114	6
Total:		644	312

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DATE:	JOB NO.
03/20/2023	41516
DWG By:	CHKD By:

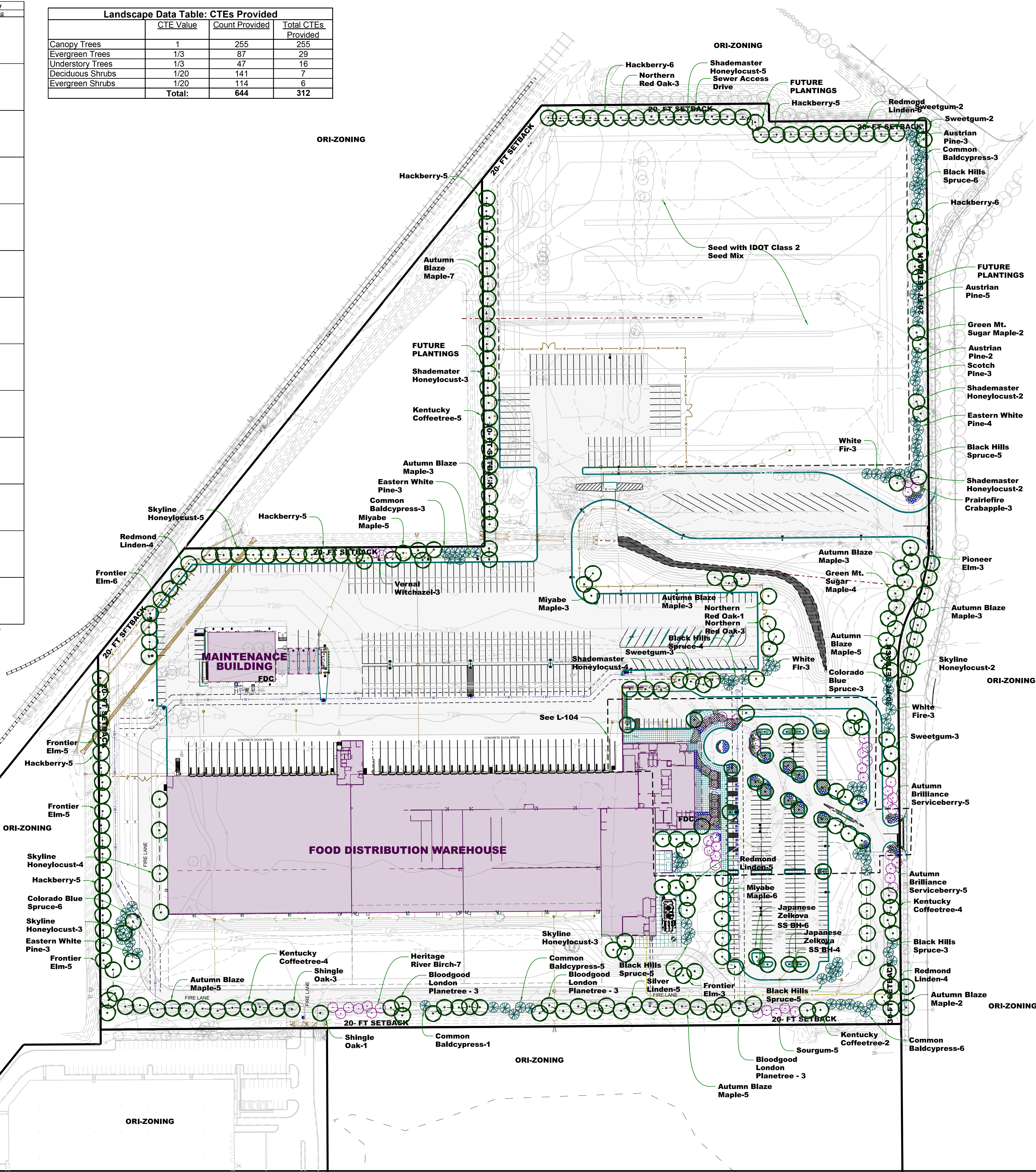
SHEET TITLE

OVERALL
LANDSCAPE
PLAN

PRELIMINARY DWGS.	
FINAL CONST. DWGS.	
SHEET NUMBER	

L-100

ORI-ZONING



CTE
CANOPY TREE = 1
EVERGREEN - 0.33 (3=1)
ORNAMENTAL - 0.33 (3=1)
DEC. SHRUBS - 0.20 (5 = 1)
EVERGREEN SHRUBS - 0.20 (5 = 1)

Parking Lot Internal Landscaping COA Landscape Requirements 1 tree per 20 Parking Spaces* 210 Parking Spaces	
Required	Provided
11	x

Building Foundation Landscaping 3304' Building Perimeter COA Landscape Requirements 1 CTE per 100' = 33 CTE CTE = x Evergreen Trees, x Ornamental Trees, and x Dec. Shrubs, x Ev. Shrubs	
Required	Provided
33	x

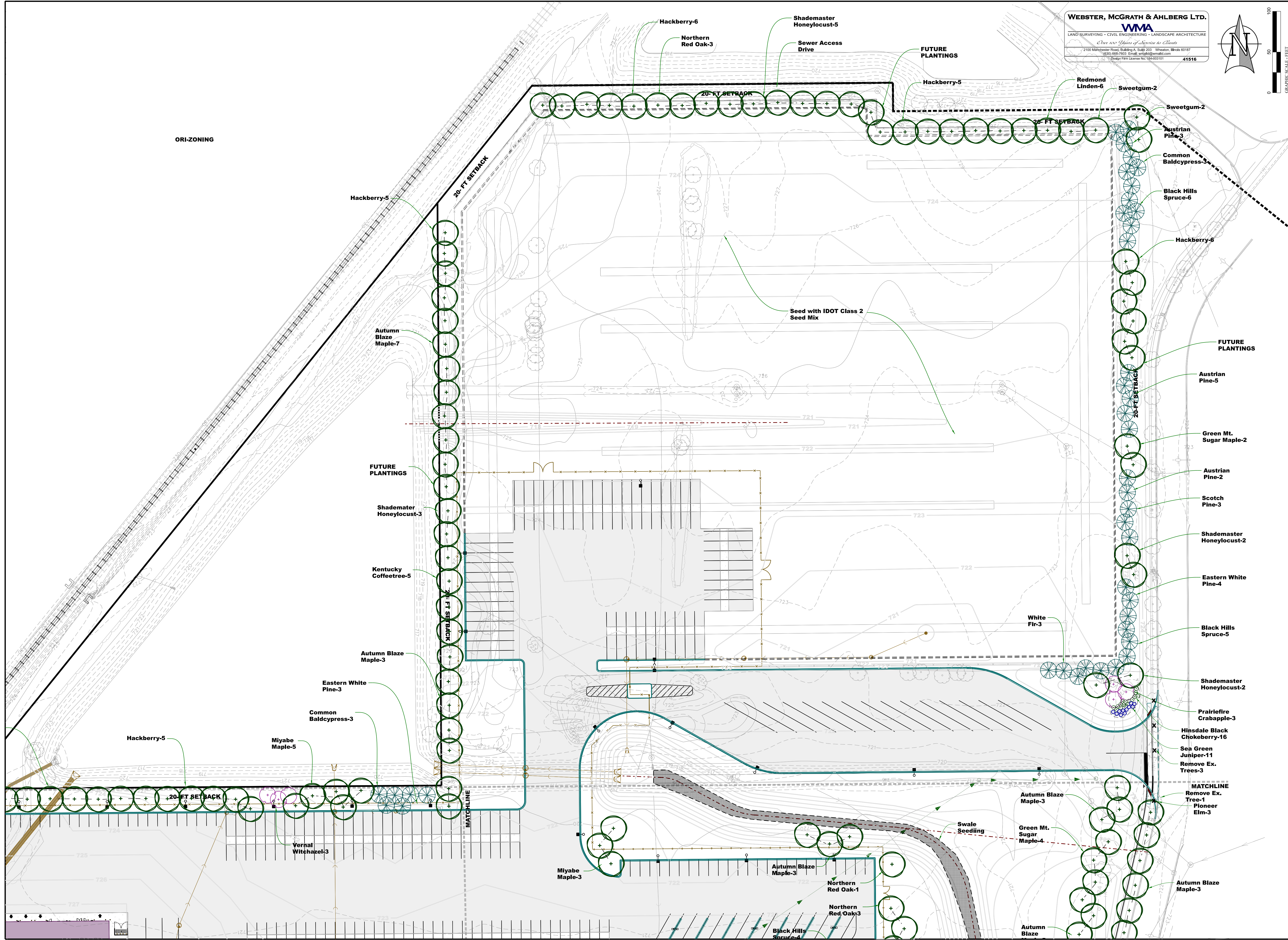
West Perimeter Yard Landscaping 1,902' West yard COA Landscape Requirements 3 CTE per 100' = 57 CTE = x Trees, x Evergreen Trees, x Ornamental Trees, and x Dec. Shrubs	
Required	Provided
57	x

South Perimeter Landscaping 1,557' South yard COA Landscape Requirements Perimeter Yard = 3 CTE per 100' = 46.7 CTE = x Trees, x Evergreen Trees, x Ornamental Trees, x Deciduous Shrubs, x Evergreen Shrubs	
Required	Provided
46.7	x

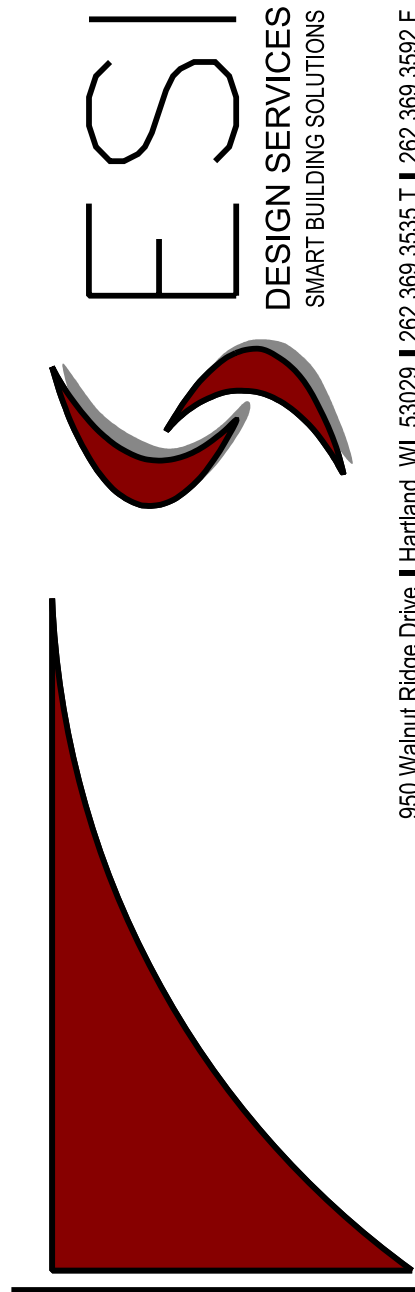
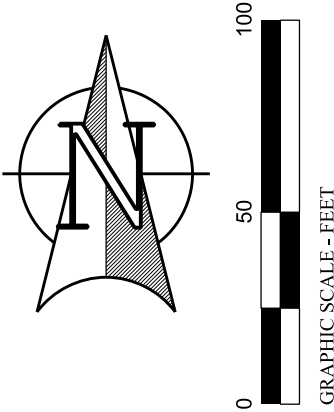
North Perimeter Yard Landscaping 1,367' North yard COA Landscape Requirements x 3 CTE per 100' = 41 CTE = x Trees, x Evergreen Trees, x Ornamental Trees, x Deciduous Shrubs	
Required	Provided
41	x

East Perimeter Landscaping 1,772' East yard COA Landscape Requirements Perimeter Yard = 3 CTE per 100' = 53 CTE = x Trees, x Ornamental Trees, x Evergreen Trees, x Deciduous Shrubs, x Evergreen Shrubs	
Required	Provided
53	x

FENCE LEGEND
7" ORNAMENTAL IRON SECURITY FENCE
BLACK VINYL CHAIN LINK FENCE



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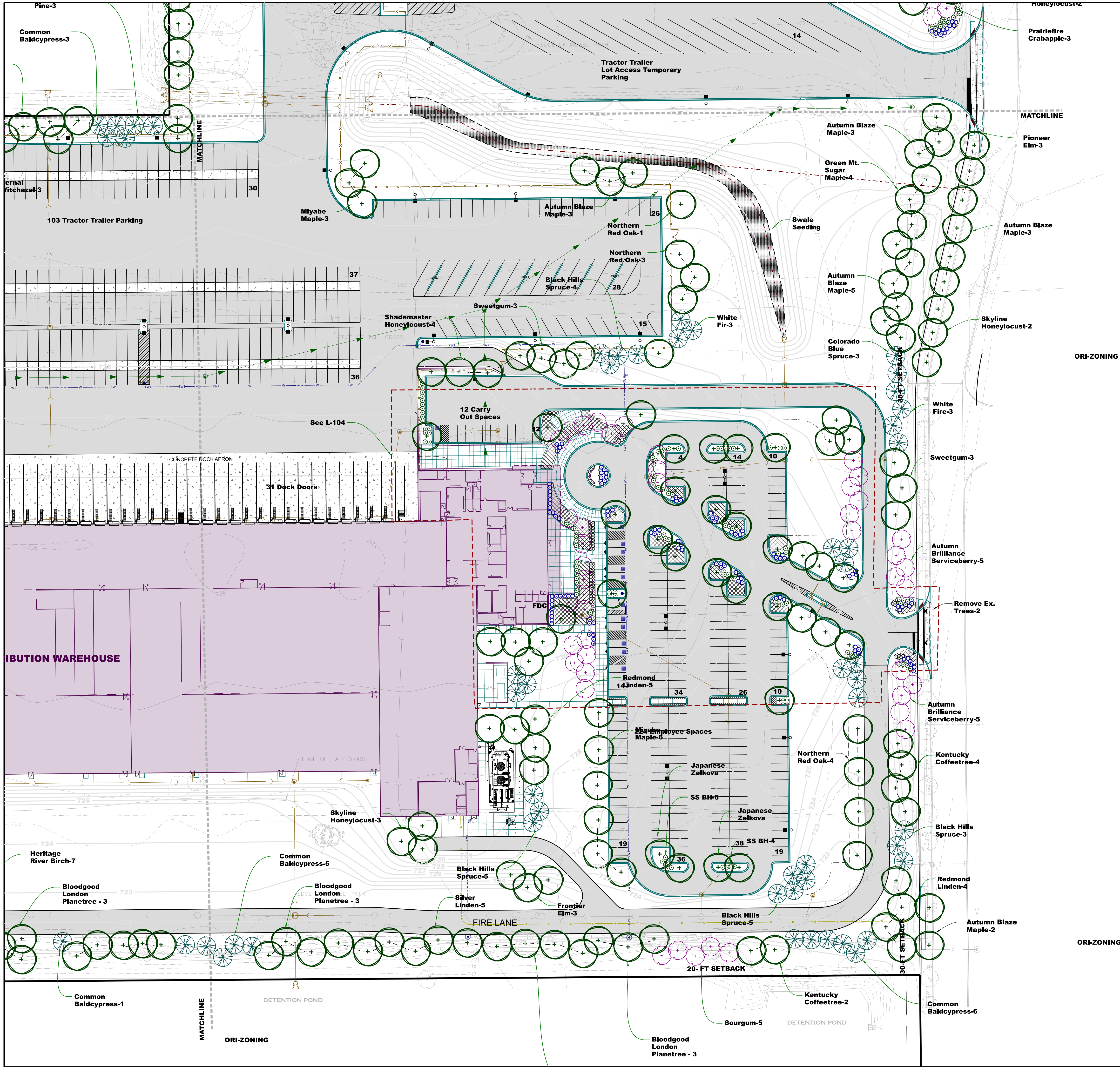


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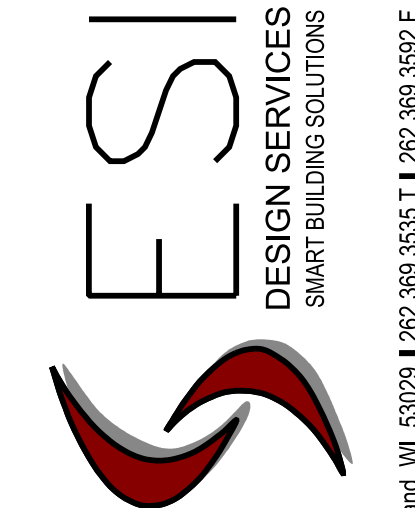
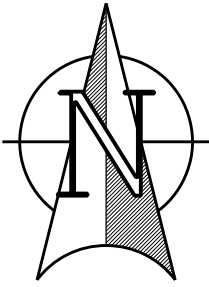
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SHEET TITLE	
LANDSCAPE PLAN - NORTH	
PRELIMINARY DWGS.	
FINAL CONST. DWGS.	
SHEET NUMBER	
L-101	



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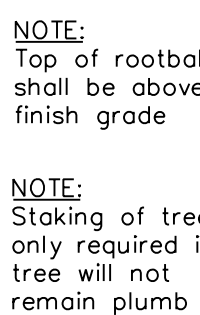
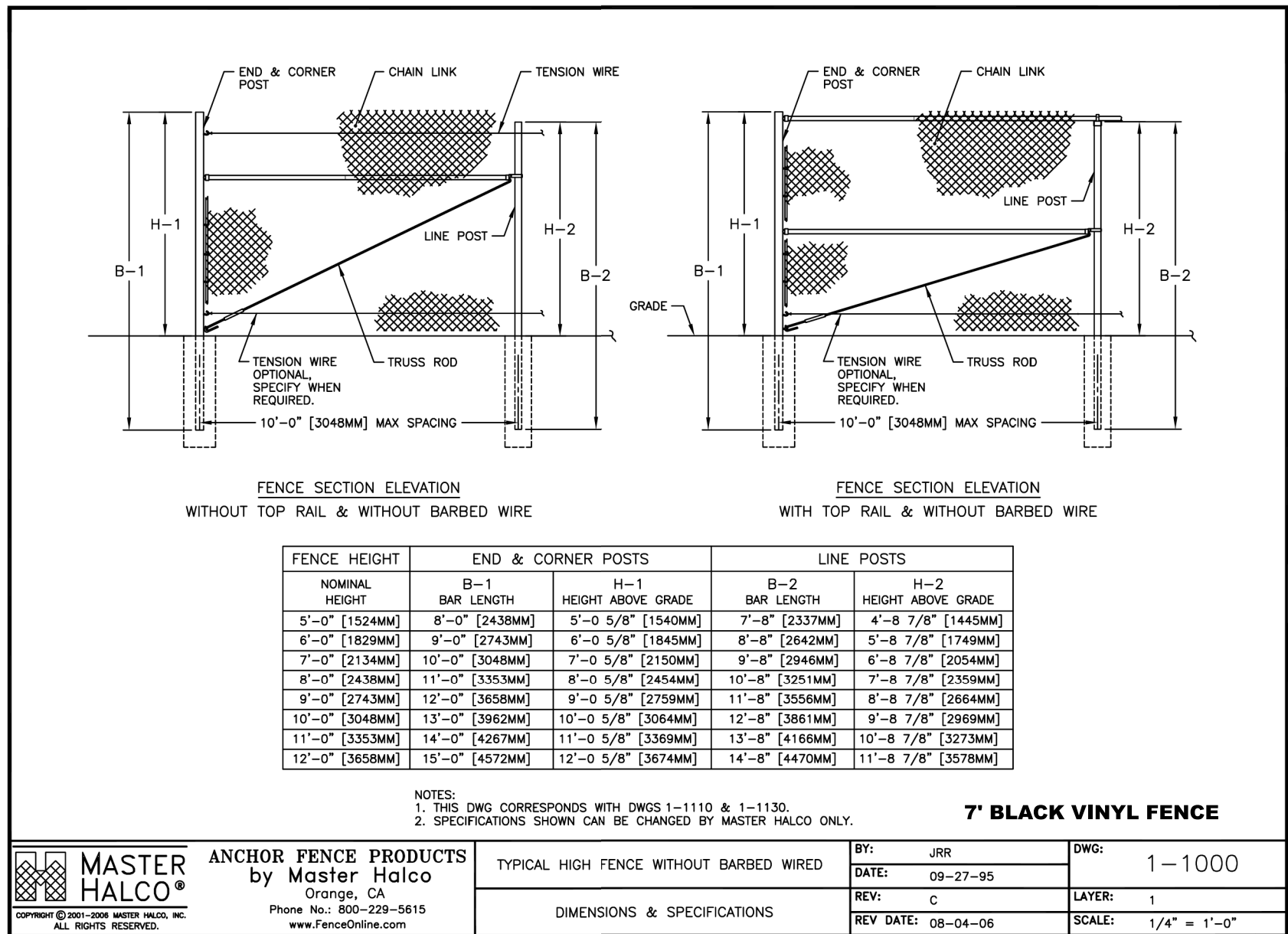
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LANDSCAPE
PLAN -
SOUTHEAST

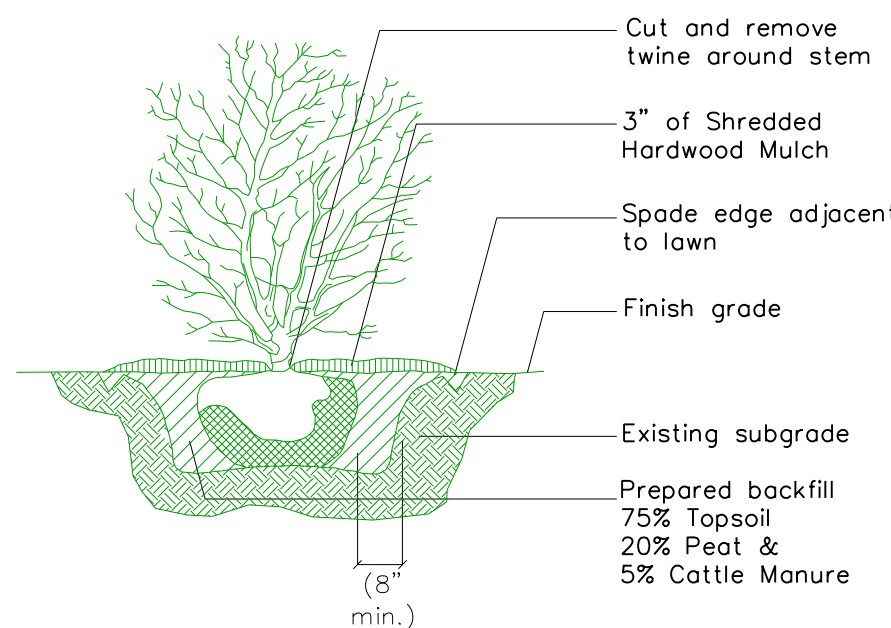
PRELIMINARY DWGS.	
FINAL CONST. DWGS.	

SHEET NUMBER

L-103

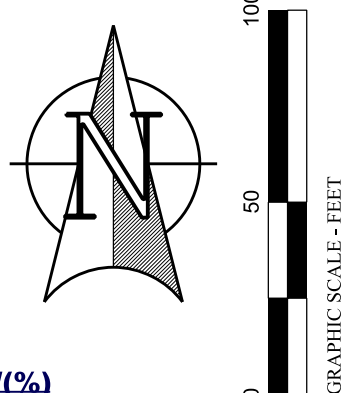


PERENNIAL, GROUNDCOVER, &
ORNAMENTAL GRASS INSTALLATION DETAIL
N.T.S.



GENERAL NOTES

1. Quantity lists are supplied as a convenience. The Contractor shall verify all quantities.
2. Landscape Contractor shall verify locations of all underground utilities prior to digging. Contact "J.U.L.I.E." (Joint Utility Location for Excavators) 1-800-892-0123.
3. Planting beds shall be elevated slightly to provide for proper drainage. Rootballs of trees shall be elevated above finished grade as illustrated on installation details. All grading shall provide a minimum 1% slope toward the contractor's drainage system.
4. Should the Landscape Contractor encounter drainage problems which may be detrimental to the growth of specified plant materials, the Owner shall be notified accordingly, prior to installation.
5. Plant material shall be nursery grown and be either ball and burlapped or container grown. All plants shall be represented by a photograph of the plant in the plant material acquisition, branching and ball size shall conform to the "American Standard for Nursery Stock" (latest edition) by the American Association of Nurserymen, Inc. Plant materials for groupings or where symmetry is critical, shall be matched as closely as possible.
6. Restore all disturbed area with 4" topsoil, Excelsior Blanket and seed with IDOT Class 1 Seed



**PROJECT BOREALIS
ATLANTA LAND
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<u>Evergreen Trees</u>	<u>Qty./Root Form/Size/(%)</u>
White Fir <i>Abies concolor</i>	6/b&b/6' (6.9)
Black Hills Spruce <i>Picea glauca densata</i>	26/b&b/6' (29.9)
Colorado Blue Spruce <i>Picea pungens</i>	9/b&b/6' (10.3)
Austrian Pine <i>Pinus nigra</i>	8/b&b/6' (9.2)
Eastern White Pine <i>Pinus strobus</i>	17/b&b/6' (19.5)
Scotch Pine <i>Pinus sylvestris</i>	3/b&b/6' (3.4)
Baldcypress <i>Taxodium distichum</i>	18/b&b/6' (20.7)
Total = 87	

Perennials	Qty./Root Form/Size
Summer Beauty Allium Allium tanguticum 'Summer Beauty'	280/pot/1 gal.
Korean Featherreedgrass Calamagrostis brachytricha	10/pot/1 gal.
Magnus Coneflower Echinacea purpurea 'Magnus'	110/pot/1 gal.
English Ivy Hedera helix	196/pot/3"
Liriope Liriope spicata	988/pot/3"
Walkers Low Catmint Nepeta faasseni 'Walkers Low'	58/pot/1 gal.
Little Spire Russian Sage Perovskia atriplicifolia 'Little Spire'	92/pot/1 gal.
Prairie Dropseed Sporobolus heterolepis	49/pot/1 gal.
Total = 1,783	

Duke Parkway Trees	
Trees	Qty./Root Form/Size
Autumn Blaze Maple Acer freemanii 'Autumn Blaze'	5/b&b/2.5"
Skyline Honeylocust Gleditsia triacanthos inermis 'Shademaster'	3/b&b/2.5"
Pioneer Elm Ulmus 'Morton'	3/b&b/2.5"
Total = 11	
Site Trees	
Trees	Qty./Root Form/Size/(#)
Autumn Blaze Maple Acer freemanii 'Autumn Blaze'	31/b&b/2.5" (12.0)
Miyabe Maple Acer miyabei	17/b&b/2.5" (6.7)
Green Mt. Sugar Maple Acer saccharum 'Green Mt'	13/b&b/2.5" (5.1)
Hackberry Celtis occidentalis 'Chicagoland'	37/b&b/2.5" (14.5)
Shademaster Honeylocust Gleditsia triacanthos inermis 'Shademaster'	21/b&b/2.5" (8.2)
Skyline Honeylocust Gleditsia triacanthos inermis 'Skyline'	15/b&b/2.5" (5.9)
Kentucky Coffeetree Gymnocladus dioica	15/b&b/2.5" (5.9)
Sweetgum Liquidambar styraciflua	8/b&b/2.5" (3.1)
Londonplanetree Platanus x acerifolia 'Bloodgood'	9/b&b/2.5" (3.5)
Northern Red Oak Quercus bicolor	11/b&b/2.5" (4.3)
Shingle Oak Quercus imbricaria	4/b&b2.5" (1.6)
Redmond Linden Tilia americana 'Redmond'	22/b&b/2.5" (8.6)
Silver Linden Tilia yomontosa	13/b&b/2.5" (5.1)
Princeton Elm Ulmus americana 'Princeton'	6/b&b/2.5" (2.4)
Frontier Elm Ulmus 'Frontier'	24/b&b/2.5" (9.4)
Morton Elm Ulmus 'Morton'	5/b&b/2.5" (1.9)
Green Vase Japanese Zelkova Zelkova serrata 'Green Vase'	4/b&b/2.5" (1.6)
Total = 255	

Best suited for drainage swales or depressions, the native plants used in this mix help filter pollutants from lawns. **SWALE SEED MIX** seed mix can also be applied to areas that temporarily retain water after a rain event or dry-bottomed detention basins. The swale seed mix includes at least 10 of 12 native permanent grass and sedge species and 12 of 17 native forb species to provide diversity for establishment. Apply at 37.00 PLS pounds per acre.

Botanical Name	Common Name	PLS Oz/Acre
Permanent Grasses/Sedges		
<i>Andropogon gerardi</i>	Big Bluestem	4.00
<i>Carex cristatella</i>	Crested Oval Sedge	0.50
<i>Carex lunda</i>	Bottlebrush Sedge	3.00
<i>Carex sp.</i>	Prairie Sedge Species	8.00
<i>Carex vulpinoidea</i>	Brown Fox Sedge	3.00
<i>Elymus canadensis</i>	Canada Wild Rye	16.00
<i>Elymus virginicus</i>	Virginia Wild Rye	16.00
<i>Juncus canadensis</i>	Canadian Rush	1.00
<i>Panicum virgatum</i>	Switch Grass	3.00
<i>Scirpus atrovirens</i>	Dark Green Rush	2.00
<i>Scirpus cyperinus</i>	Wool Grass	0.50
<i>Spartina pectinata</i>	Prairie Cord Grass	3.00
	Total	60.00
Temporary Cover		
<i>Avena sativa</i>	Common Oat	512.00
	Total	512.00
Forbs		
<i>Alisma subcordatum</i>	Common Water Plantain	1.00
<i>Asclepias incarnata</i>	Swamp Milkweed	2.00
<i>Coreopsis tripteris</i>	Tall Coreopsis	1.00
<i>Euthamia graminifolia</i>	Common Grass-Leaved Goldenrod	0.50
<i>Eutrochium maculatum</i>	Spotted Joe-Pye Weed	1.00
<i>Iris virginica</i> v. <i>shrevei</i>	Blue Flag	4.00
<i>Liatris spicata</i>	Marsh Blazing Star	1.00
<i>Lycopus americanus</i>	Common Water Horehound	0.50
<i>Mimulus ringens</i>	Monkey Flower	0.50
<i>Panthorum sedoides</i>	Ditch Stonecrop	0.50
<i>Pericallis virginianum</i>	Common Mountain Mint	1.00
<i>Rudbeckia triloba</i>	Brown-Eyed Susan	1.00
<i>Senna hebecarpa</i>	Wild Senna	1.00
<i>Silphium terebinthinaceum</i>	Prairie Dock	1.00
<i>Symphoricarum novae-angliae</i>	New England Aster	0.50
<i>Verbena hastata</i>	Blue Vervain	1.50
<i>Zizia aurea</i>	Golden Alexanders	2.00
	Total	20.00