

EMERGENT SEED LIST

Emergent Seed Mix	
Scientific Name	Common Name
Temporary Cover:	
<i>Agrostis alba</i>	RED TOP
<i>Agrostis alba palustris</i>	BENT GRASS
<i>Avena sativa</i>	SEED OATS
<i>Lolium multiflorum</i>	ANNUAL RYE
Permanent Grasses, Sedges, & Rushes:	
<i>Carex comosa</i>	BRISTLY SEDGE
<i>Echinochloa crusgalli</i>	BARNYARD GRASS
<i>Eleocharis acicularis</i>	MARSH SPIKE RUSH
<i>Eleocharis erythropoda</i>	RED-ROOTED SPIKE RUSH
<i>Juncus effusus</i>	COMMON RUSH
<i>Leersia oryzoides</i>	RICE CUT GRASS
<i>Scirpus acutus</i>	HARD-STEMMED BULRUSH
<i>Scirpus fluitans</i>	RIVER BULRUSH
<i>Scirpus pungens</i>	CHAIRMAKER'S RUSH
<i>Scirpus validus creber</i>	GREAT BULRUSH
<i>Sparganium eurycarpum</i>	COMMON BUR REED
<i>Spartina pectinata</i>	PRAIRIE CORD GRASS
Forbs:	
<i>Acorus calamus</i>	SWEET FLAG
<i>Alisma subcordatum</i>	COMMON WATER PLANTAIN
<i>Glyceria grandis</i>	REED MANNA GRASS
<i>Iris virginica shrevei</i>	BLUE FLAG
<i>Peltandra virginica</i>	ARROW ARUM
<i>Polygonum punctatum</i>	SMARTWEED
<i>Pontederia cordata</i>	PICKEREL WEED
<i>Sagittaria latifolia</i>	COMMON ARROWHEAD

Note: Emergent seed should not be installed if standing water is present unless provisions are made for controlling the water level at a fresh mud condition for at least a month. If provisions for water level manipulation cannot be made planting plugs at a rate of 3, 500 to 4,000 plugs per acre is the recommended planting method.

SHORELINE SEED LIST

Shoreline Seed Mix	
Scientific Name	Common Name
Temporary Cover:	
<i>Agrostis alba</i>	REDTOP
<i>Avena sativa</i>	SEED OATS
<i>Lolium multiflorum</i>	ANNUAL RYE
Permanent Grasses:	
<i>Carex vulpinoidea</i>	BROWN FOX SEDGE
<i>Carex comosa</i>	BRISTLY SEDGE
<i>Eleocharis palustris major</i>	GREAT SPIKE RUSH
<i>Elymus canadensis</i>	CANADA WILD RYE
<i>Elymus virginicus</i>	VIRGINIA WILD RYE
<i>Glyceria striata</i>	FOWL MANNA GRASS
<i>Leersia oryzoides</i>	RICE CUT GRASS
<i>Scirpus atrovirens</i>	DARK GREEN RUSH
<i>Spartina pectinata</i>	PRAIRIE CORD GRASS
Forbs:	
<i>Alisma subcordatum</i>	COMMON WATER PLANTAIN
<i>Asclepias incarnata</i>	SWAMP MILKWEED
<i>Aster simplex</i>	PANICLED ASTER
<i>Bidens sp.</i>	BIDENS, VARIOUS
<i>Eupatorium perfoliatum</i>	COMMON BONESET
<i>Helenium autumnale</i>	SNEEZEWEED
<i>Lobelia siphilitica</i>	GREY BLUE LOBELIA
<i>Ludwigia alternifolia</i>	SEEDBOX
<i>Solidago gigantea</i>	LATE GOLDENROD
<i>Verbena hastata</i>	BLUE VERVAIN

PLANT MATERIALS LIST

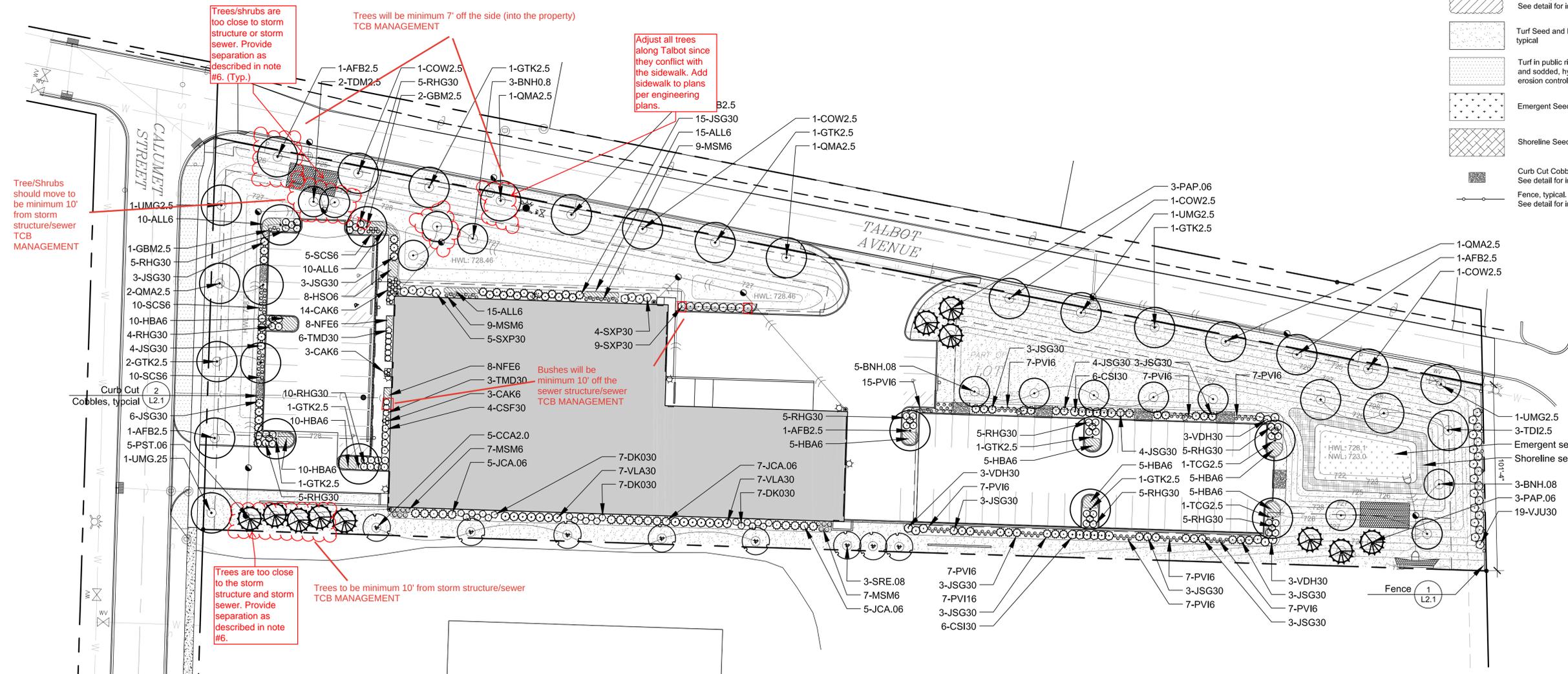
Code	Botanical Name	Common Name	Size	Qty
Shade Trees				
AFB2.5	<i>Acer x freemanii</i> 'Autumn Blaze'	Autumn Blaze Freeman Maple	2 1/2" C	5
BNH.08	<i>Betula nigra</i> 'Heritage'	Heritage River Birch	8" HT	11
COW2.5	<i>Celtis occidentalis</i> 'Windy City'	Windy City Hackberry	2 1/2" C	4
GBM2.5	<i>Ginkgo biloba</i> 'Magyar'	Magyar Upright Ginkgo	2 1/2" C	2
GTK2.5	<i>Gleditsia triacanthos</i> var. <i>inermis</i> 'Skyline'	Skyline Thornless Honeylocust	2 1/2" C	9
QMA2.5	<i>Quercus macrocarpa</i>	Bur Oak	2 1/2" C	5
TDI2.5	<i>Taxodium distichum</i>	Common Baldcypress	2 1/2" C	3
TDM2.5	<i>Taxodium distichum</i> 'Shawnee Brave'	Shawnee Brave Baldcypress	2 1/2" C	2
TCG2.5	<i>Tilia cordata</i> 'Greenspire'	Greenspire Littleleaf Linden	2 1/2" C	2
UMG2.5	<i>Ulmus</i> 'Morton Glossy'	Triumph Elm	2 1/2" C	4
Intermediate Trees				
CCA2.0	<i>Carpinus caroliniana</i>	American Hornbeam	2" C	5
SRE.08	<i>Syringa reticulata</i> 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	8" HT	3
Evergreen Trees				
JCA.06	<i>Juniperus chinensis</i> 'Fairview'	Fairview Chinese Juniper	6" HT	17
PAP.06	<i>Picea pungens</i>	Colorado Spruce	6" HT	6
PST.06	<i>Pinus strobus</i>	Eastern White Pine	6" HT	5
Deciduous Shrubs				
CSF30	<i>Cornus sericea</i> "Farrow"	Arctic Fire Red Twig Dogwood	30" HT	4
CSI30	<i>Cornus sericea</i> 'Isanti'	Dwarf Redtwig Dogwood	30" HT	12
DKO30	<i>Dierilla</i> 'G2X88544'	Kodiak Orange Bush Honeysuckle	30" HT	21
RHG30	<i>Rhus aromatica</i> 'Gro-Low'	Gro-Low Fragrant Sumac	30" HT	52
SXP30	<i>Syringa x 'Penda'</i>	Bloomerang Purple Lilac	30" HT	18
VDH30	<i>Viburnum dentatum</i> 'Christom'	Blue Muffin Arrowwood Viburnum	30" HT	28
VLA30	<i>Viburnum lantana</i> 'Mohican'	Mohican Wayfaringtree Viburnum	30" HT	14
Evergreen Shrubs				
JSG30	<i>Juniperus chinensis</i> 'Sea Green'	Sea Green Chinese Juniper	30" W	65
TMD30	<i>Taxus x media</i> 'Densiformis'	Dense Anglojap Yew	30" W	9
Perennials				
ALL6	<i>Allium</i> 'Millennium'	Millennium Ornamental Chive	1 GAL	50
CAK6	<i>Calamagrostis x acutiflora</i> 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 GAL	20
HSO6	<i>Hemerocallis</i> 'Stella de Oro'	Stella de Oro Dwarf Daylily	1 GAL	8
HBA6	<i>Hosta</i> 'Blue Angel'	Blue Angel Hosta	1 GAL	55
MSM6	<i>Miscanthus sinensis</i> 'Morning Light'	Morning Light Japanese Silver Grass	1 GAL	30
NFE6	<i>Nepeta x faassenii</i> 'Early Bird'	Early Bird Catmint	1 GAL	16
PV6	<i>Panicum virgatum</i>	Switchgrass	1 GAL	84
SCS6	<i>Schizachyrium scoparium</i>	Little Bluestem	1 GAL	28

PLANTING NOTES

- Seed limit line is approximate. Seed to limits of grading and disturbance. Contractor responsible for restoration of any unauthorized disruption outside of designated construction area.
- Contractor responsible for erosion control in all seeded areas.
- Tree mulch rings in turf areas are 5 foot diameter, typical. Contractor shall provide a mulch ring around all existing trees within the limit of work. Remove all existing grass from area to be mulched and provide a typical v-trench edge.
- Bedlines are to be spade cut to a minimum depth of 3 inches unless otherwise shown on the plans. Curved bedlines are to be smooth and not segmented.
- Provide a minimum of 6" of topsoil in turf areas and a minimum of 9" of topsoil in all planting beds.
- Do not locate plants within 10' of utility structures, or within 5' horizontally of underground utility lines unless otherwise shown on the plans. Consult with Landscape Architect if these conditions exist.
- Plants and other materials are quantified and summarized for the convenience of the Owner and jurisdictional agencies only. Confirm and install sufficient quantities to complete the work as drawn and specified. No additional payments will be made for materials required to complete the work as drawn and specified.
- Refer to specifications for additional conditions, standards and notes.

PLANTING LEGEND

- Shade Tree, typical. See detail for installation.
- Ornamental Tree, typical. See detail for installation.
- Evergreen Tree, typical. See detail for installation.
- Shrub, typical. See detail for installation.
- Perennial, Groundcover and Annual, typical. See detail for installation.
- Turf Seed and Erosion Control Blanket, typical
- Turf in public right-of-way to be fine graded and sodded, hydroseeded, or turf seed with erosion control blanket.
- Emergent Seed Mix, typical.
- Shoreline Seed Mix, typical.
- Curb Cut Cobble, typical. See detail for installation.
- Fence, typical. See detail for installation.



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ISSUED
December 21, 2021
REVISIONS

No	Date	Issue

CHECKED BY
TCK

DRAWN BY
MPW

SHEET TITLE
Landscape Plan

SCALE IN FEET
1" = 30'

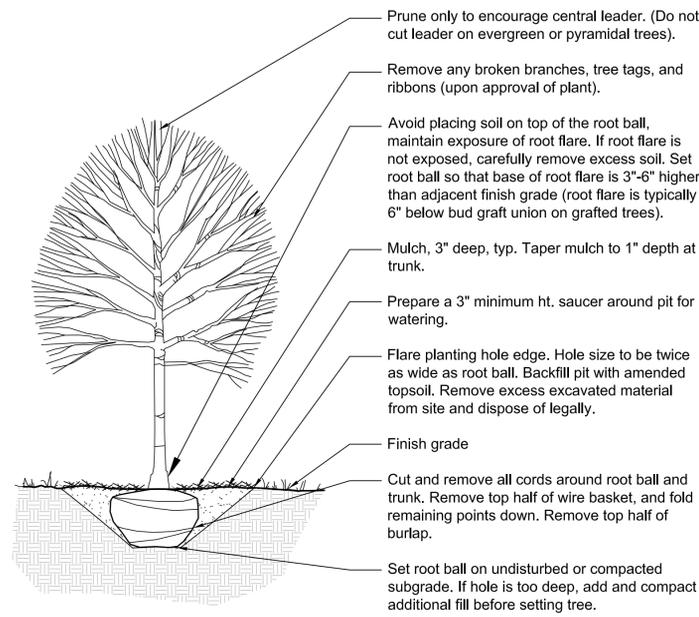
0' 15' 30' 90'

NORTH

SHEET NUMBER

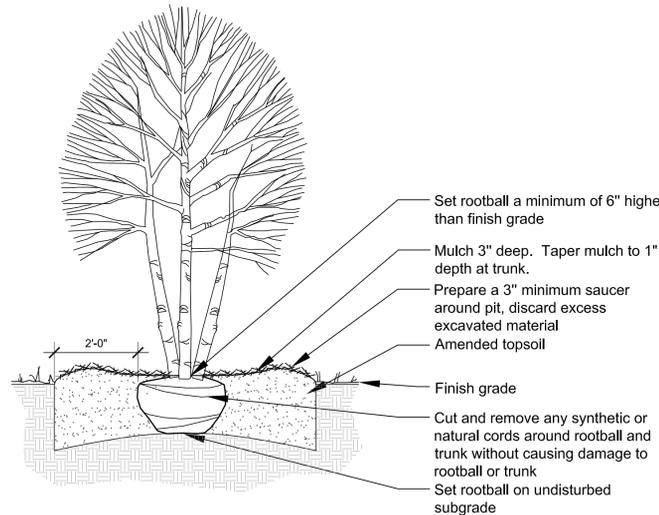
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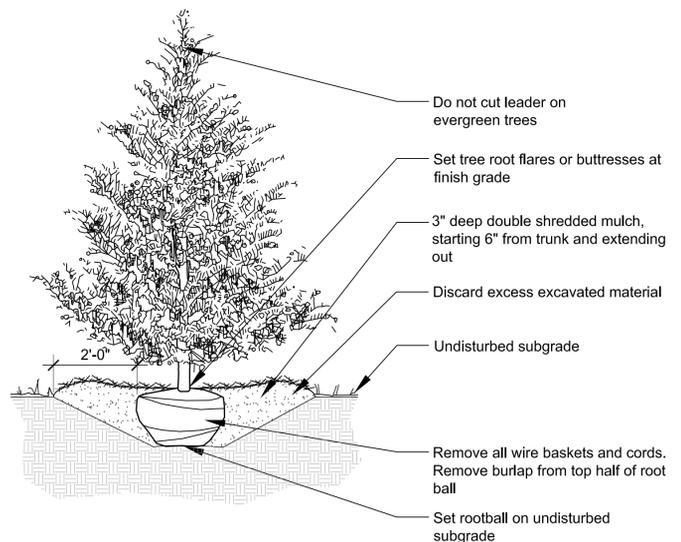
1 Deciduous Tree Planting

Scale: 1/2" = 1'-0"



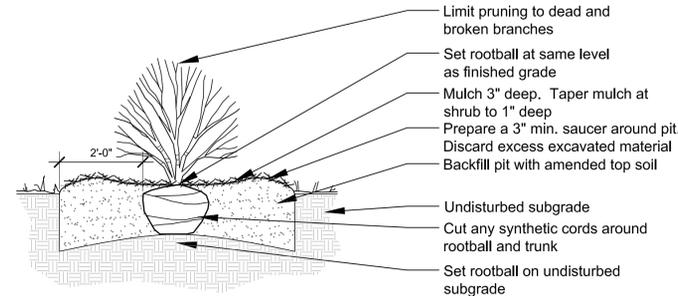
2 Ornamental Tree Planting

Scale: 1/2" = 1'-0"



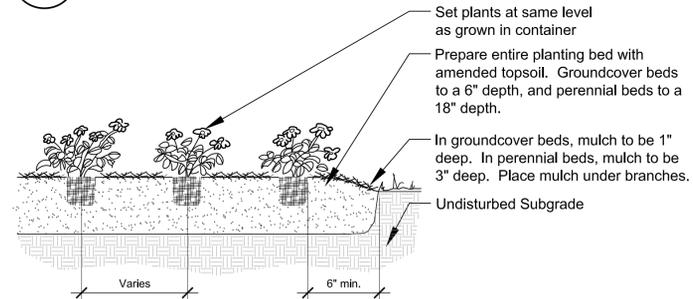
3 Evergreen Tree Planting

1/2" = 1'-0"



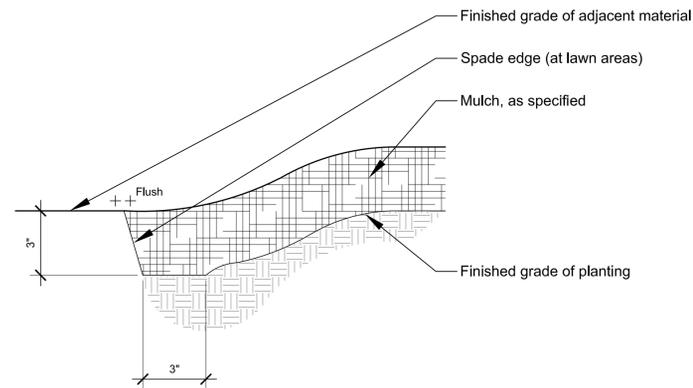
4 Shrub Planting

Scale: 1/2" = 1'-0"



5 Perennial and Groundcover Planting

Scale: 1/2" = 1'-0"



6 Planting Bed/ Mulch Ring Edging

Scale: 3" = 1'-0"

LANDSCAPE MAINTENANCE PLAN AND CALENDAR

April

Turf Care

- Mowing of the turf at approximately 2-1/2"
- Trimming turf along buildings, plantings, and other obstructions
- Cleaning grass clippings from walks and paved areas after mowing
- Inspect thatch layer and dethatch as necessary
- Core aerating of turf
- Pre-emergent crabgrass control applied to turf areas (coordinate with areas to be overseeded)
- Broadleaf weed control applied to turf areas to eliminate virtually all broadleaf weed species
- Fertilizing of turf with slow release, balanced analysis fertilizer.
- Provide seeding of bare areas in early spring

Trees, Shrubs and Groundcover Care

- Horticultural insecticide oil application to deciduous and other areas as needed.
- Prune any broken, damaged, diseased branches from shade and ornamental trees up to 15' height

Mulching

- Turn mulch as needed
- Repair of metal edging required due to winter frost heave

Seasonal Color Displays

- Installation and maintenance of Spring Season Annuals
- Confirmation of availability of summer annual plantings

May through October

Turf Care

- Mowing of the turf, per requirements of turf zones noted
- Trimming turf along buildings, plantings, and other obstructions
- Cleaning grass clippings from walks and paved areas after mowing
- Edging of turf adjacent to beds, paths and walks.
- Broadleaf weed control applied to turf areas to eliminate virtually all broadleaf weed species
- Fertilizing of turf with slow release, balanced analysis fertilizer

Trees, Shrubs and Groundcover Care

- Prune trees and shrubs as specified
- Prune and weed groundcovers
- Deciduous trees pruned of sucker growth at the base of the tree
- Deciduous trees (all) pruned of lower branches which interfere with pedestrian traffic and vehicular site lines. Deciduous trees pruned of water sprouts and selectively thinned and shaped. Deciduous trees pruned of dead, broken, damaged, weak and diseased branches, up to 15' height off the ground.
- Hand weeding of planting, and perennial beds, spot treatment of weeds with contact herbicide, dead heading and removing dead foliage and dead weeds.
- Inspect for insect and disease problems for all trees, shrubs and planting areas.
- Soil surface fertilizing of all shrubs and perennials using a premium grade, slow release, complete analysis fertilizer.
- Apply appropriate insect and disease control to trees, shrubs, perennials, and groundcovers, when significant populations of insects and disease are present.

NATIVE PLANT MAINTENANCE

Natural area stewardship shall be performed immediately following installation and continue for at least three years until acceptance by the owner(s) / owner(s) representative. Within the first and second growing season seeded natural areas shall be mown no less than 5 times during the regular growing season, kept under 12" the first year and under 24" the second year. The third year of growth shall be monitored for target mowing, keeping the area under 24" high. Spot herbicide treatments to seeded natural areas must be performed at least 7 times per growing season for the first three years in a timeframe conducive to the target species life-cycle. Areas that are plugged must be 100% free of undesirable species through hand pulling, hand wicking, and spot herbicide treatments

NOTE: ANY PLANTS THAT ARE MISSING, DEAD, DYING, DISEASED, INFESTED, OR NOT ACCEPTABLE BY HORTICULTURAL STANDARDS SHALL BE REPLACED IN A TIMELY MANNER.

Wville Talbot Annual Landscape Maintenance Calendar

	April	May	June	July	August	September	October	November	December	January	February	March	Notes
Spring Cleanup	X												
Fall Cleanup													
Site Assessment Walk			X										
Monthly Chemical Report		X	X	X	X	X	X	X	X	X	X	X	
Turf Pre-emergent Application	X												
Turf Broadleaf Weed Application	X					X							fall application, as needed
Turf Fertilization	X					X							base on soil test results
Turf Mowing & Trimming	X	X	X	X	X	X	X	X	X	X	X	X	
Turf Core Aeration / Overseeding of Bare Areas	X												Zone A, and Zone B turf where applicable
Turf Monitoring	X	X	X	X	X	X	X	X	X	X	X	X	
Turf Application of Gypsum at Walks								X					where salt damage is likely to occur
Tree Pruning	X	X	X	X	X	X	X	X	X	X	X	X	
Tree Pit Weeding	X	X	X	X	X	X	X	X	X	X	X	X	
Tree Monitoring	X	X	X	X	X	X	X	X	X	X	X	X	
Shrub, Grndcwr. & Perennial Weeding	X	X	X	X	X	X	X	X	X	X	X	X	
Shrub, Grndcwr. & Perennial Fertilization	X												base on soil test results
Shrub, Grndcwr. & Perennial Pruning	X												
Shrub, Grndcwr. & Perennial Monitoring	X	X	X	X	X	X	X	X	X	X	X	X	for weeds, irrigation issues, pests
Tree Pit and Bed Edging			X										can be part of Spring cleanup
Mulch Replacement and Turning	X												Once per season
Mulch Turning	X												

ISSUED
December 21, 2021
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No	Date	Issue

CHECKED BY
TCK

DRAWN BY
MPW

SHEET TITLE
Landscape Details

SCALE IN FEET
AS NOTED

NORTH

SHEET NUMBER

L2.0

LANDSCAPE PLAN CALCULATIONS

Per Section 11 "Landscaping and Screening" of the City of Warrenville Zoning Ordinance

Sub-s. F - Right-of-Way Landscaping

- (2) Min. Unpaved portion of the public right-of-way abutting a parcel shall be fine-graded and sodded, hydroseeded, or seeded and protected with erosion control blanket.
- (3) Street Trees
 - (i) The Minimum number of street trees required shall be either one tree for every 40 linear feet of parcel-to-right-of-way boundary or one tree per 800 square feet of parkway area, whichever is larger

Total Linear Feet of Parcel-to-Right-of-Way Boundary: 830 LF

(20) shade trees provided as Right-of-Way Landscaping.
Sod shown in public right-of-way; turf seed shown in all other turf areas

Sub-s. G - Parking Lot Landscaping

- (2) Interior Parking Lot Landscaping
 - (a) Not less than 10% of the interior of a parking lot shall be devoted to landscaping. Landscaping devoted to Subsections G.3 and H shall not be included toward satisfying the interior parking lot landscaping requirements
 - (b) Landscaping Areas
 - (i) Interior landscape peninsulas within the parking lot shall be a minimum of 162sf in area and 9ft in width based on linear dimensions measured from back of curb to back of curb
 - (ii) Planting islands and/or peninsulas shall be located not less than every 10 spaces and at the end of every row of parking spaces
 - (c) Landscaping Material
 - (i) Each planting area shall contain at least one shade tree

Total Linear Feet of Parking Lot Perimeter: 498LF

(66) Shrubs provided for perimeter landscaping.

Total Number of Parking Peninsulas: 10

(9) Shade trees and appropriate peninsula plantings provided.

Sub-s. H - Foundation Landscaping

- (1) Setback
 - (a) Except in those areas providing direct paved pedestrian or vehicular access to a building, a landscaping area a minimum of 10 feet in width shall be located around the perimeter of all non-residential buildings
- (3) Landscaping Materials
 - (a) Foundation landscaping shall be provided for all buildings. A maximum of 50% of such planting area shall be turf, with the remainder devoted to planting beds

Foundation landscaping provided in space between building and paving. Plant bed on West side extends to limits of the high water line.

Sub-s. I - Transitional Yard Landscaping

- (5) Wherever a lot in the M1 or M2 districts abuts a lot zoned for residential use, a transitional landscape yard 30' in depth shall be provided.
 - (b) Landscape Improvements
 - (i) A solid fence 6-8' high shall be provided along the length of the abutting property line.
 - (ii) Trees shall be provided at the equivalent of 50' apart along the abutting property line.
 - (iii) Shrub masses, at least two rows deep, alternate spacing, shall be provided along 75 percent of the abutting property line.

Solid fencing provided along length of lot line to setback line

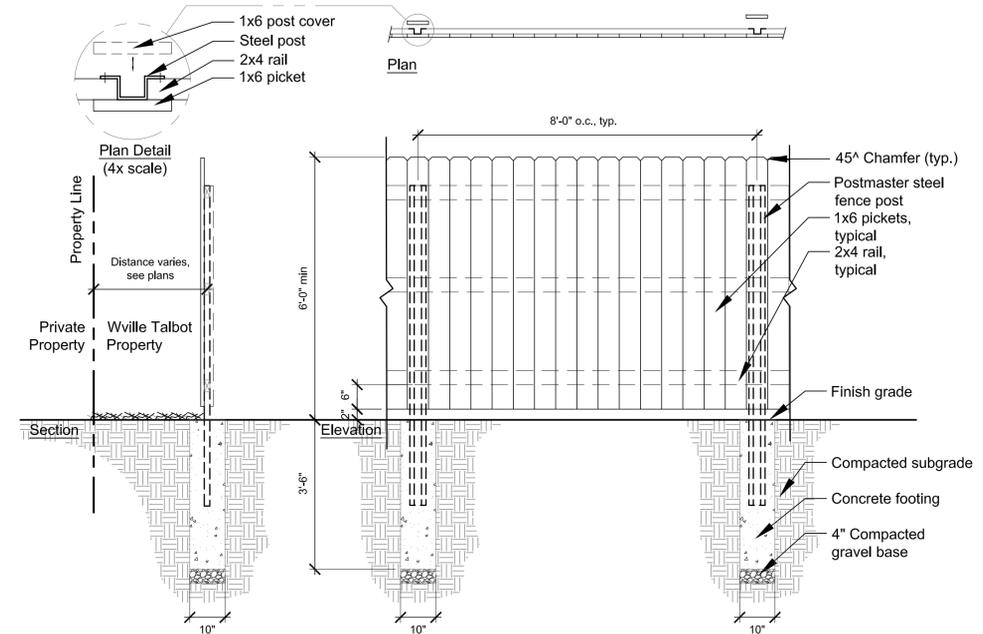
(2) Shade Trees Provided
(19) Shrubs Provided
101 lineal feet of fence provided

Sub-s. I - Retention and Detention Ponds and Basins

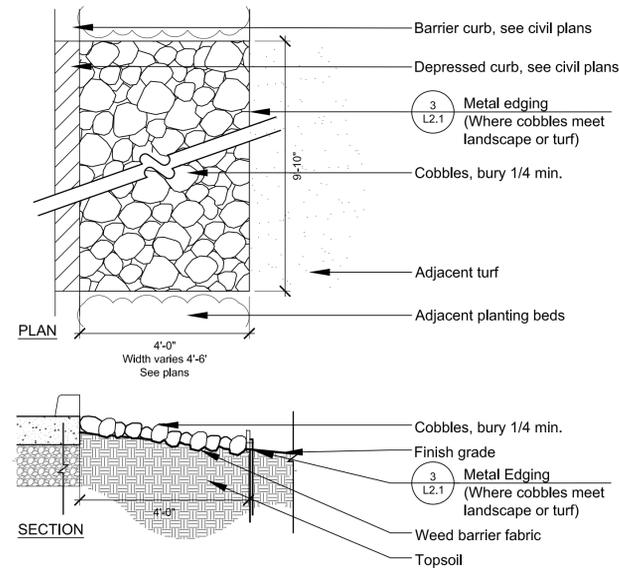
- (2) Required Landscape Improvements
 - (a) Trees and Planting Beds
 - (i - iii) For every 50 linear feet along the perimeter of the detention pond area, the following landscaping shall be provided: 1 shade tree, or 3 ornamental trees, or 125sf of planting beds calculated inclusively with right of way plantings and transitional yard landscaping. A mixture of all three landscaping elements is strongly recommended

Total Linear Feet of Detention Basin Perimeter: 1559LF

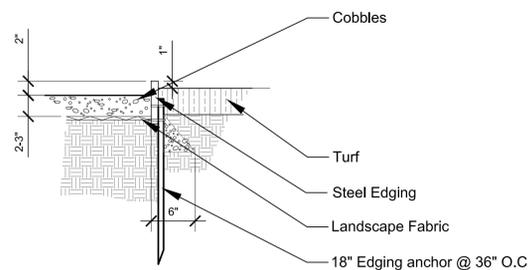
(14) shade trees and (9) evergreen trees provided



1 Fence
Scale: 1/2" = 1'-0"



2 Curb Cut Cobbles
Scale: 1/2" = 1'-0"



3 Metal Edging
1" = 1'-0"



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SHEET TITLE
Landscape Details

SCALE IN FEET
AS NOTED

NORTH SHEET NUMBER

L2.1

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