

QUICK SHINE CAR WASH

SWC Liberty St. & N. Eola Road
Aurora, Illinois

LANDSCAPE PLAN FOR LIBERTY AND EOLA SUBDIVISION

PREPARED BY:



CIVIL ENGINEER / SURVEYOR:



LOCATION MAP



LEGEND

SANITARY MANHOLE	⊗
STORM MANHOLE	⊙
CATCH BASIN	○
PRECAST FLARED END SECTION	▷
VALVE VAULT	⊗
VALVE BOX	■
FIRE HYDRANT	⋈
SANITARY SEWER	—◁
STORM SEWER	—▷
WATER MAIN	—••••
STREET LIGHT SYMBOLS	⦿
ELECTRICAL CABLE	—E—
ELECTRICAL TRANSFORMER	⦿
POWER POLE	⦿
STREET SIGN	⋈
GAS MAIN	—G—
CONTOUR	- - - 749 - - -
NORMAL WATER LEVEL (NWL)	—••••
EXISTING TREE TO REMAIN SEE CIVIL AND TREE SURVEY	T1
FENCE LINE, WOOD OR PLASTIC	—□—
CONCRETE SIDEWALK	=====
CURB AND GUTTER	=====
DEPRESSED CURB	=====

PREPARED FOR:



SHEET INDEX

- 0 COVER SHEET
- L1 FINAL LANDSCAPE PLAN
- L2 LANDSCAPE DETAILS & SPECIFICATIONS

GENERAL NOTES

- Contractor and or sub-contractors shall verify locations of all underground utilities prior to digging. Contact J.U.L.I.E. (Joint Utility Locating for Excavators) at 1-800-892-0123 or dial 811.
- Topographic & boundary information obtained from Final Site Development Plans for Quick Shine Car Wash prepared by CEMCON Engineering, LLC dated 09/04/2024.
- Landscape Requirements and calculations based on B-2 Zoning requirements per property's annexation agreement and City of Aurora municipal code.
- Verify site conditions and information on drawings prior to commencement of work. Promptly report any concealed conditions, mistakes, discrepancies, or deviations from the information shown in the Contract Documents. The Owner is not responsible for unauthorized changes or extra work required to correct unreported discrepancies.
- Secure and pay for permits, fees and inspections necessary for the proper execution of this work. Comply with codes applicable to this work.
- Plants and other materials are quantified and summarized for the convenience of the Owner and jurisdictional agencies. Confirm and install sufficient quantities to complete the work as drawn. No additional payments will be made for materials required to complete the work as drawn.
- Refer to the specifications for additional conditions, standards and notes.
- Final locations of trees within rights-of-ways are subject to change based on the final drive and utility locations.
- Trees shall be set back a minimum of ten feet (10') horizontally from utility structures, including, but not limited to, manholes, valve vaults, valve boxes, fire hydrants, transformers and switch cans. Trees shall be set back a minimum of twenty-five feet (25') horizontally from streetlights.
- Trees shall be set back a minimum of ten feet (10') horizontally from storm sewer lines, sanitary sewer lines, and water mains in addition to storm sewer, sanitary sewer and water services. Contractor to make necessary adjustments under the approval of owner. Refer to civil drawings prepared by others.

UTILITY LOCATION NOTICE

Contractor and or sub-contractors shall verify locations of all underground utilities prior to digging. Contact J.U.L.I.E. (Joint Utility Locating for Excavators) at 1-800-892-0123 or dial 811.



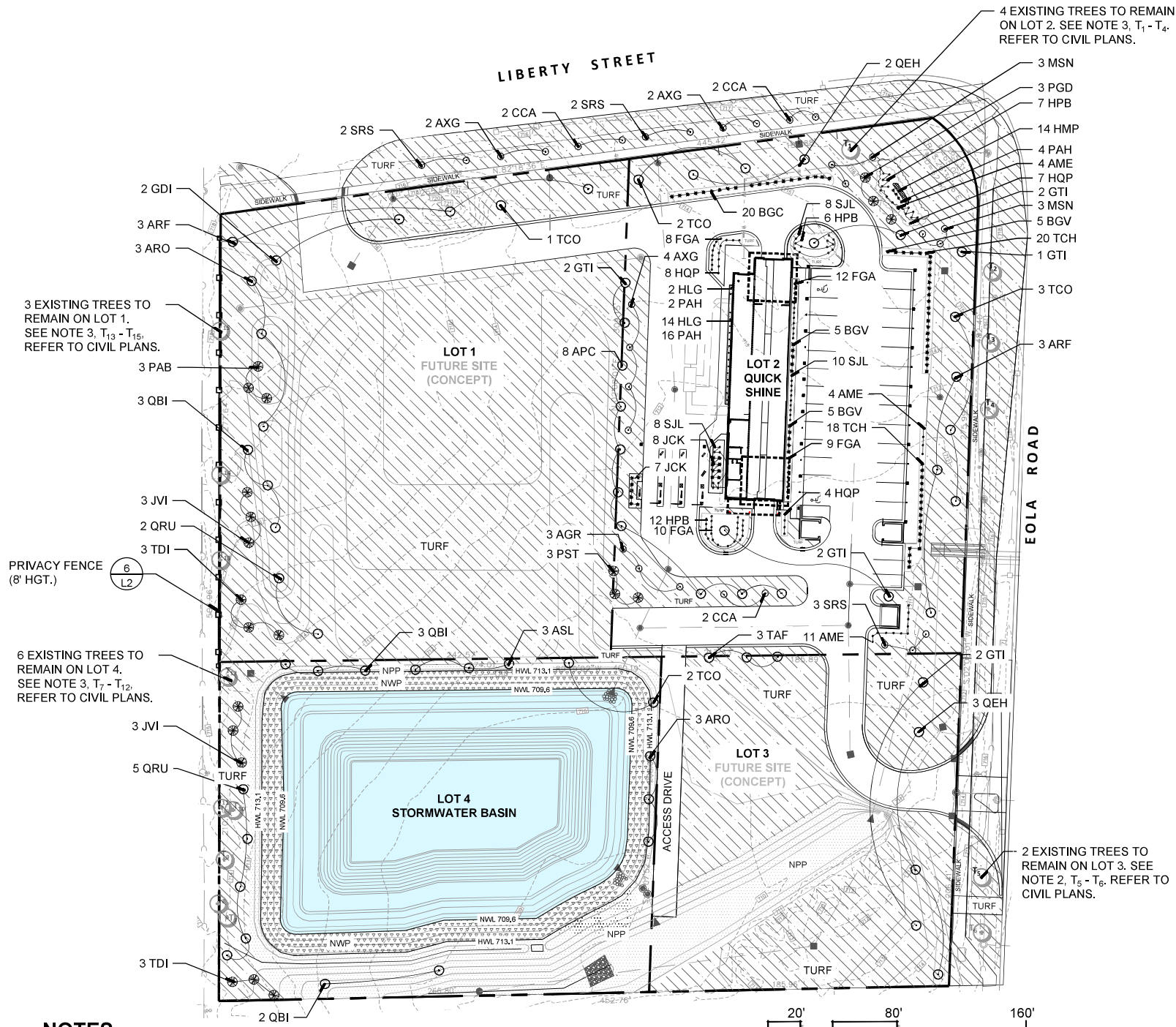
PROFESSIONAL CERTIFICATION

SIGNED: 09.12.2024
LICENSE EXPIRATION: 08.31.2025



REVISION HISTORY

REV.	DATE	SHEET	PURPOSE
2	2024-09-12	ALL	PERMIT / ZONING RESUBMITTAL
1	2024-08-22	ALL	REVISED PER CITY COMMENTS
0	2024-06-12	ALL	PERMIT SET



NOTES

- Per City of Aurora 2-7a Landscape Material Symbols DWG, 'Landscape Plans submitted to the City of Aurora for approval must be scaled to depict the width of the canopy at the time of installation.
- CANOPY TREE EQUIVALENTS (CTE). Defined by City of Aurora Municipal Code Section 49-105.4 Landscaping 1 CTE = 1 Canopy Tree = 3 Evergreen, Understory, or Multi-stem Tree = 20 Shrubs
- STREET TREES. All Understory Street Trees are single stem per City of Aurora Municipal Code.
- CREDIT FOR EXISTING TREES. Credit for Existing Trees per City of Aurora Municipal Code Section 49-105.4 Landscaping and Tree Inventory and Report Southwest Corner of Liberty Street and Eola Road Aurora, IL prepared by Urban Forest Management, Inc dated August 16, 2022.

T₁ - Tree Identification # 796 - Northern Catalpa, 27" Cal, Fair (Average) Condition
T₂ - Tree Identification # 799 - Common Hackberry, 6.25" Cal, Fair (Average) Condition
T₃ - Tree Identification # 798 - Common Hackberry, 4.5" Cal, Fair (Average) Condition
T₄ - Tree Identification # 797 - Common Hackberry, 5" Cal, Good to Fair Condition
T₅ - Tree Identification # 809 - Kentucky Coffeetree, 5" Cal, Fair (Average) Condition
T₆ - Tree Identification # 810 - Kentucky Coffeetree, 10" Cal, Fair (Average) Condition
T₇ - Tree Identification # 910 - Black Walnut, 13" Cal, Fair (Average) Condition
T₈ - Tree Identification # 909 - American Elm, 12" Cal, Fair (Average) Condition
T₉ - Tree Identification # 908 - Black Walnut, 13" Cal, Fair (Average) Condition
T₁₀ - Tree Identification # 904 - Black Walnut, 3.5" Cal, Fair (Average) Condition
T₁₁ - Tree Identification # 905 - Black Walnut, 5" Cal, Good to Fair Condition
T₁₂ - Tree Identification # 710 - Black Walnut, 10" Cal, Good to Fair Condition
T₁₃ - Tree Identification # 716 - Black Walnut, 3.5" Cal, Good to Fair Condition
T₁₄ - Tree Identification # 718 - Black Cherry, 17" Cal, Fair (Average) Condition
T₁₅ - Tree Identification # 730 - Black Walnut, 4" Cal, Fair (Average) Condition
- SETBACK AREA REQUIREMENT. All required setback areas excluding drives, access lanes, sidewalks, walkways shall be planted in turf or groundcover.

LEGEND

- + CANOPY TREE
- EVERGREEN TREE
- UNDERSTORY TREE
- DECIDUOUS SHRUB
- EVERGREEN SHRUB
- ORNAMENTAL GRASS
- PERENNIALS
- TURF GRASS (SEEDED)
- NATIVE PRAIRIE PLANTING (NPP) (HWL AND ABOVE)
- NATIVE WETLAND PLANTING (NWP) (NWL TO HWL)
- OPEN WATER, WET BOTTOM BASIN, SEE CIVIL STORMWATER PLAN.

LANDSCAPE MATERIALS LIST

LOT 1 (19 CTE PROPOSED + 4 CTE EXISTING)

Code	Botanical Name	Common Name	Qty.	Unit	Installation Size	Spacing, Typical
Street Trees - Canopy Trees (6 CTE)						
ARF	Acer rubrum 'Frank Jr.'	Redpointe Maple	3	Each	2.5" Cal	30'-35' O.C.
GDI	Gymnocladus dioica 'Espresso'	Espresso Kentucky Coffee Tree	2	Each	2.5" Cal	30'-35' O.C.
TCO	Tilia cordata	Little Leaf Linden	1	Each	2.5" Cal	30'-35' O.C.

Street Trees - Understory Trees, Single Stem (2 CTE)						
AXG	Amelanchier x grandiflora	Apple Serviceberry	2	Each	2.5" Cal	15' O.C.
CCA	Cercis canadensis	Eastern Redbud	2	Each	2.5" Cal	15' O.C.
SRS	Syringa reticulata 'Summer Snow'	Summer Snow Japanese Tree Lilac	2	Each	2.5" Cal	15' O.C.

West Property Line - Canopy Trees (8 CTE)						
ARO	Acer rubrum 'October Glory'	October Glory Red Maple	3	Each	2.5" Cal	25' O.C. min.
QBI	Quercus bicolor	Swamp White Oak	3	Each	2.5" Cal	25' O.C. min.
QRU	Quercus rubra	Northern Red Oak	2	Each	2.5" Cal	25' O.C. min.

West Property Line - Evergreen Trees (3 CTE)						
PAB	Picea abies	Norway Spruce	3	Each	6" Hgt.	15' O.C.
JVI	Juniperus virginiana	Eastern Red Cedar	3	Each	6" Hgt.	15' O.C.
TDI	Taxodium distichum	Bald Cypress	3	Each	6" Hgt.	15' O.C.

LOT 2 (50 CTE PROPOSED + 4 CTE EXISTING)

Code	Botanical Name	Common Name	Qty.	Unit	Installation Size	Spacing, Typical
Street Trees - Canopy Trees (8 CTE)						
ARF	Acer rubrum 'Frank Jr.'	Redpointe Maple	3	Each	2.5" Cal	30'-35' O.C.
GTI	Gleditsia triacanthos v. inermis 'Skyline'	Skyline Honey locust	1	Each	2.5" Cal	30'-35' O.C.
TCO	Tilia cordata	Little Leaf Linden	4	Each	2.5" Cal	30'-35' O.C.

Street Trees - Understory Trees, Single Stem (2 CTE)						
AXG	Amelanchier x grandiflora	Apple Serviceberry	2	Each	2.5" Cal	25' O.C.
CCA	Cercis canadensis	Eastern Redbud	2	Each	2.5" Cal	25' O.C.
SRS	Syringa reticulata 'Summer Snow'	Summer Snow Japanese Tree Lilac	2	Each	2.5" Cal	25' O.C.

Canopy Trees (22 CTE)						
APC	Acer platanoides 'Columnare'	Columnar Norway Maple	8	Each	2.5" Cal	25' O.C. min.
GTI	Gleditsia triacanthos v. inermis 'Skyline'	Skyline Honey locust	6	Each	2.5" Cal	25' O.C. min.
TAF	Tilia americana 'Fastigiata'	Pyramidal American Linden	3	Each	2.5" Cal	25' O.C. min.
TCO	Tilia cordata	Little Leaf Linden	3	Each	2.5" Cal	25' O.C. min.
QEH	Quercus ellipsoidalis	Hill's Oak	2	Each	2.5" Cal	25' O.C. min.

Evergreen Trees (2 CTE)						
PGD	Picea glauca v. densata	Black Hills Spruce	3	Each	6" Hgt.	15' O.C.
PST	Pinus strobus	White Pine	3	Each	6" Hgt.	15' O.C.

Understory Trees, Multi-Stem (6 CTE)						
AGR	Amelanchier grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	3	Each	8" Hgt.	15' O.C.
AXG	Amelanchier x grandiflora	Apple Serviceberry	4	Each	8" Hgt.	15' O.C.
CCA	Cercis canadensis	Eastern Redbud	2	Each	8" Hgt.	15' O.C.
MSN	Malus 'Snowdrift'	Snowdrift Crabapple	6	Each	8" Hgt.	15' O.C.
SRS	Syringa reticulata 'Summer Snow'	Summer Snow Japanese Tree Lilac	3	Each	8" Hgt.	15' O.C.

Deciduous Shrubs (6 CTE)						
AME	Aronia melanocarpa	Black Chokeberry	19	Each	24" Hgt.	5' O.C.
FGA	Forsythia x intermedia 'NIMBUS'	Show Off® Sugar Baby® Forsythia	25	Each	24" Hgt.	4' O.C.
HPB	Hydrangea paniculata 'Bobo'	Bobo Hydrangea	25	Each	24" Hgt.	4' O.C.
HQP	Hydrangea quercifolia 'Pee Wee'	Pee Wee Hydrangea	19	Each	24" Hgt.	4' O.C.
SJL	Spiraea japonica 'Little Princess'	Little Princess Spirea	26	Each	18" Hgt.	3' O.C.

Evergreen Shrubs (4 CTE)						
BGC	Buxus 'Glencoe'	Chicagoland Green Boxwood	20	Each	24" Hgt.	4' O.C.
BGV	Buxus 'Green Velvet'	Green Velvet Boxwood	15	Each	24" Hgt.	4' O.C.
JCK	Juniperus chinensis 'Kallay's Compact'	Kallay's Compact Juniper	15	Each	18" Hgt.	5' O.C.
TCH	Taxus cuspidata 'Hicksii'	Hicks Upright Yew	38	Each	24" Hgt.	4' O.C.

Perennials, Ornamental Grasses and Groundcovers						
HMP	Heuchera micrantha 'Palace Purple'	Palace Purple Coral Bells	14	Each	1 Gal.	18" O.C.
HLG	Hemerocallis 'Little Grapette'	Little Grapette Daylily	16	Each	1 Gal.	24" O.C.
PAH	Pennisetum alopecuroides 'Hameln'	Dwarf Fountain Grass	22	Each	1 Gal.	36" Mature Hgt.

LOT 3 (5 CTE PROPOSED + 2 CTE EXISTING)

Code	Botanical Name	Common Name	Qty.	Unit	Installation Size	Spacing, Typical
Street Trees - Canopy Trees (5 CTE)						
GTI	Gleditsia triacanthos v. inermis 'Skyline'	Skyline Honey locust	2	Each	2.5" Cal	30'-35' O.C.
QEH	Quercus ellipsoidalis	Hill's Oak	3	Each	2.5" Cal	30'-35' O.C.

LOT 4 (18 CTE PROPOSED + 6 CTE EXISTING)

Code	Botanical Name	Common Name	Qty.	Unit	Installation Size	Spacing, Typical
Stormwater Management - Canopy Trees (16 CTE)						
ASL	Acer saccharum 'Legacy'	Legacy Sugar Maple	3	Each	2.5" Cal	25' O.C. min.
ARO	Acer rubrum 'October Glory'	October Glory Red Maple	3	Each	2.5" Cal	25' O.C. min.
QBI	Quercus bicolor	Swamp White Oak	5	Each	2.5" Cal	25' O.C. min.
QRU	Quercus rubra	Northern Red Oak	5	Each	2.5" Cal	25' O.C. min.

Stormwater Management - Evergreen Trees (2 CTE)						
JVI	Juniperus virginiana	Eastern Red Cedar	3	Each	6" Hgt.	15' O.C.
TDI	Taxodium distichum	Bald Cypress	3	Each	6" Hgt.	15' O.C.

Stormwater Management - Seed						
NWP	Native Wetland Plantings	Seed	1,020	SY		
NPP	Native Prairie Plantings	Seed	1,301	SY		

CITY OF AURORA

Landscape Data Table: Planting Material Key		
Note: Symbols are blackline for proposed grayscale for existing		
Canopy Trees (minimum size 2.5 caliper) Count:	65 PROPOSED	
Evergreen Trees (minimum size 6 feet) Count:	21 PROPOSED	
Understory Trees (minimum size 2.5 caliper or 8 feet if multi-stemmed) Count:	30 PROPOSED	
Evergreen Shrubs (minimum of 18 inches) Count:	88 PROPOSED	
Deciduous Shrubs (minimum of 18 inches) Count:	114 PROPOSED	
Ornamental Grasses Count:	22 PROPOSED	
Perennials Count:	32 PROPOSED	
Annuals Count:	0	
Groundcover Square Footage:	0	
Turf (Seeded) Square Footage:	145,000 SF	
Turf (Sod) Square Footage:	0	
Native Prairie Planting Square Footage:	11,715 SF (NPP)	
Native Wetland Planting Square Footage:	9,182 SF (NWP)	

PROVIDED LANDSCAPE CTEs

Landscape Data Table: CTEs Provided		
CTE Value	Count Provided	Total CTEs Provided
Canopy Trees	1	81
Evergreen Trees	1/3	21
Understory Trees	1/3	30
Deciduous Shrubs	1/20	114
Evergreen Shrubs	1/20	88
Total:	334	108

SIGNED: 08.12.2024
LICENSE EXPIRATION: 08.31.2025



Know what's below.
Call before you dig.



Revisions

2.08-12-24 PERMIT / ZONING RESUBMITTAL
1.08-22-24 REVISED PER CITY COMMENTS
0.06-12-24 PERMIT SET ISSUED FOR REVIEW

Date: 2024-06-12
Scale: 1" = 40'-0"
Job #: 422,001.01
Drawn:
File #: 422,001 FSP

SHEET:

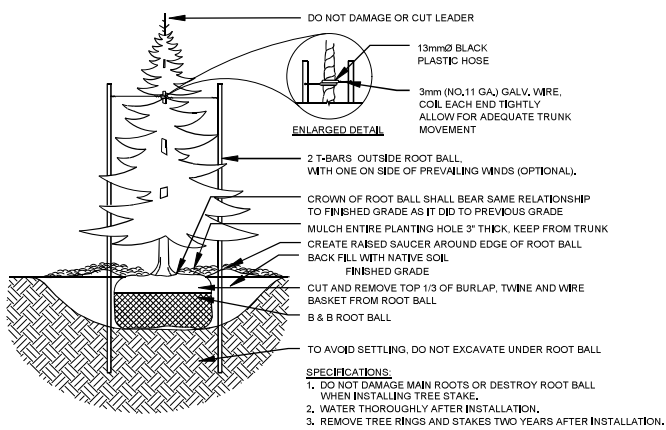
L1

NOTE:

1. ROOT FLARE SHALL BE 2" ABOVE FINISH GRADE
2. STAKING OF TREE ONLY REQUIRED IF TREE WILL NOT REMAIN PLUMB
3. SHAPE SOIL TO PROVIDE 3" DIA. OR ROOTBALL DIA. WHICHEVER IS GREATER, WATERING RING
4. PROVIDE DRAINAGE FOR PLANTING PIT IF SOIL IS IMPERMEABLE.

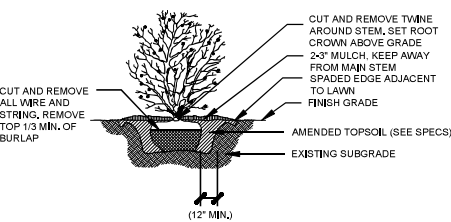
1 CANOPY TREE DETAIL

SCALE: N.T.S.



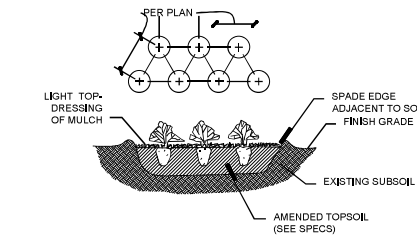
2 EVERGREEN TREE DETAIL

SCALE: N.T.S.



3 SHRUB DETAIL

SCALE: N.T.S.

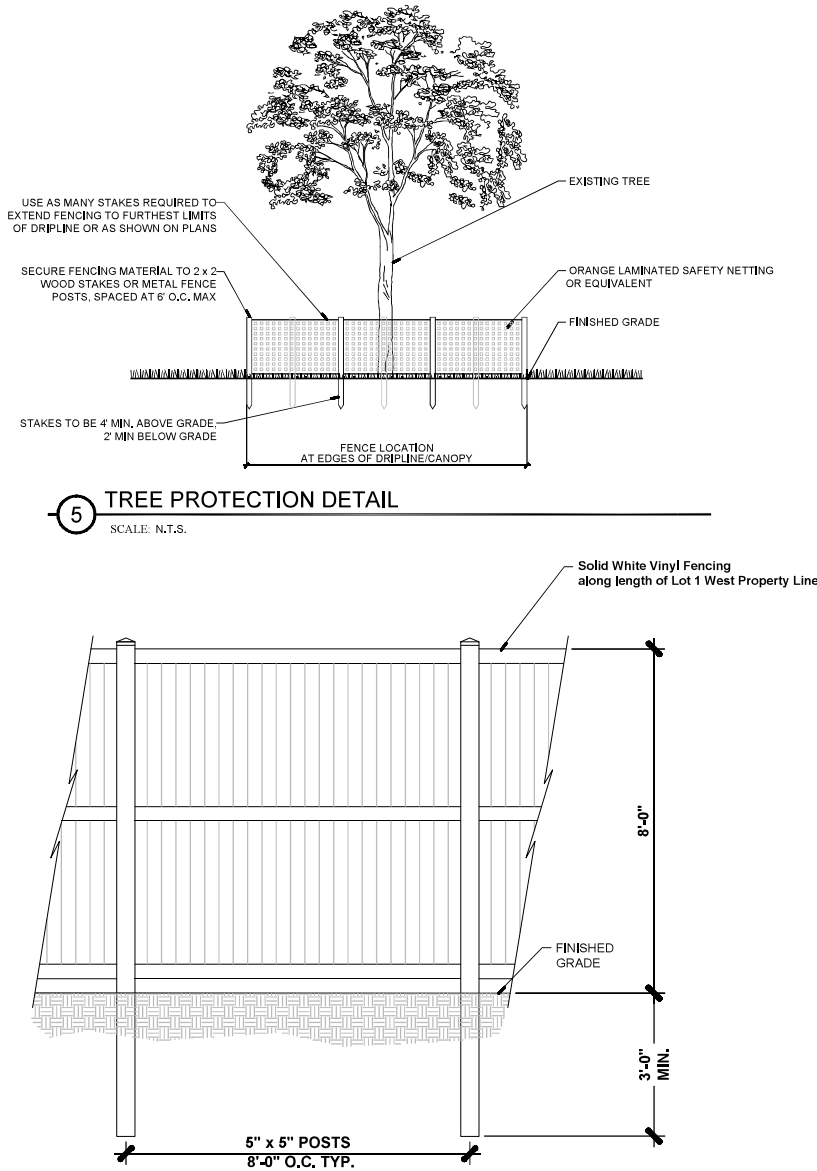


4 PERENNIAL DETAIL

SCALE: N.T.S.

NOTES:

1. TREE PROTECTION FENCING TO BE INSTALLED PRIOR TO LAND DISTURBANCE ON SITE.
2. LOCATE FENCING AT EDGE OF DRIPLINE OR AGAINST PAVEMENT EDGES, AS PER APPROVED SITE PLANS.
3. FENCING MUST REMAIN THROUGH THE DURATION OF ALL CONSTRUCTION ACTIVITIES, REMOVAL OR RELOCATION OF FENCING FOR TEMPORARY ACCESS MUST BE REPLACED DAILY AND IMMEDIATELY UPON COMPLETION OF WORK REQUIRING ACCESS.
4. ACTIVITIES WITHIN TREE PROTECTION AREA ARE NOT PERMITTED, INCLUDING STAGING OF MATERIALS, PARKING, PEDESTRIAN ACCESS, ETC.
5. WHERE TREE PROTECTION IS ADJACENT TO EROSION CONTROL FENCING, TREE FENCE MUST BE VISIBLE AND AT A FULL 4' HEIGHT MIN. ON THE INSIDE OF TREE SAVE AREA.
6. WHERE TREE PROTECTION FENCING ENROACHES ON DRIPLINE OF EXISTING TREES TO REMAIN, OF ANY SIZE, IN AREAS OF CUTTING GRADE, TREE ROOTS ARE TO BE CUT BELOW GRADE TO DEPTH OF 12" WITH CLEAN SHARPENED IMPLEMENTS.

NOTE:
INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

6 PRIVACY FENCE DETAIL

SCALE: N.T.S.

LANDSCAPE REQUIREMENTS

Street Tree Requirement

Provide 3 Canopy Trees per 100 linear feet of right-of-way frontage, in the parkway on each side of the public street.

LOT 1 - 255.54 LF of right-of-way frontage
255.54 LF / 100LF right-of-way Liberty Street
2.56 x 3 Canopy Trees = 8 Street Trees Required

LOT 2 - 189.88 LF of right-of-way frontage
189.88 LF / 100 LF right-of-way Liberty Road
1.9 x 3 Canopy Trees = 6 Street Trees Required

275.99 LF of right-of-way frontage
275.99 LF / 100 LF right-of-way Eola Road
2.8 x 3 Canopy Trees = 9 Street Trees Required

LOT 3 - 206.41 LF of right-of-way frontage
206.41 LF / 100 LF right-of-way Eola Road
2.1 x 3 Canopy Trees = 7 Street Trees Required

Stormwater Facility Requirement

Lake Facilities require 3 CTE per 100 feet of high water line.

LOT 4 - HWL (Elevation 713.1) = 766 LF
766 LF / 100 LF of high water line
7.66 x 3 CTE required = 23 CTE

NOTE: Native Plantings Maintenance and Management
A Stormwater Maintenance and Management Plan shall be designed, planned for and implemented by owner per City of Aurora Naturalized Planting Area Requirements. If a prairie is dormant seeded during the fall, maintenance during the first growing season generally involves two to three mowings and spot herbiciding. During the second growing season, one to two mowings and spot herbiciding is recommended. If the seeding was successful, there's generally permit a burn during year three or four. Once the prairie is well established, maintenance is limited to spot herbiciding weeds as necessary, and burning every two to three years.

Perimeter Yard Requirement

Provide 3 Canopy Tree Equivalents per 100 feet of lot perimeter, which may be clustered.

LOT 1 - West Perimeter Yard = 277.64 LF
2.77 x 3 = 9 CTE

LOT 2 - North Perimeter Yard = 189.88 LF
1.9 x 3 = 6 CTE

East Perimeter Yard = 275.99 LF
2.76 x 3 = 9 CTE

South Perimeter Yard = 217.33 LF
2.17 x 3 = 7 CTE

West Perimeter Yard = 309.15 LF
3.09 x 3 = 10 CTE

Bufferyard Requirement

Provide 2 Canopy Tree Equivalents per 100 feet of lot line, of which 50% shall be non-canopy tree planting material. Alternatively, a wall or fence may satisfy the requirement as determined by the City.

LOT 1 - West Bufferyard = 277.64 LF
2.77 x 2 = 6 CTE

Parking Lot Requirement

a. Internal Landscape Requirement, A 9' x 19' landscape island is required every 20 parking spaces. Islands shall be planted with 1.5 CTE, with preferred planting material mix including 1 canopy tree.

LOT 2 Parking Lot = 29 parking spaces
2 Islands = 1.5 CTE x 2 = 3 CTE Total Required

b. LOT 2 Parking Lot Screening Provision. Screen Parking Lots within 50 feet of public right-of-way with compact hedging, berming, decorative fencing, decorative masonry, or a combination of these techniques, to a height of two and a half feet (2.5').

Foundation Planting Requirement

Provide 1 Canopy Tree Equivalent per 100 lineal feet of building foundation, which 100% of the requirement shall be non canopy tree planting material.

LOT 2 Building Foundation = ± 373 LF
1 CTE x 3.73 = 4 CTE Required

NATIVE PLANTINGS SEED MIX

NATIVE WETLAND SEED MIX		
Botanical Name	Common Name	PLS Ounces/Acre
Permanent Grasses:		
<i>Andropogon gerardii</i>	Big Bluestem	16.00
<i>Calamagrostis canadensis</i>	Bluejoint Grass	1.00
<i>Carex lurida</i>	Butterbrush Sedge	3.00
<i>Carex stricta</i>	Common Tussock Sedge	1.00
<i>Carex vulpinae</i>	Brown Fox Sedge	1.00
<i>Elymus virginicus</i>	Virginia Wild Rye	24.00
<i>Juncus canadensis</i>	Canada Wild Rye	0.50
<i>Panicum virgatum</i>	Switch Grass	2.00
<i>Scirpus cyperinus</i>	Wool Grass	0.50
<i>Sorghastrum nutans</i>	Indian Grass	8.00
<i>Spartina pectinata</i>	Prairie Cord Grass	3.00
Total		60.00

Temporary Cover:		
<i>Avena sativa</i>	Common Oat	360.00
<i>Lolium multiflorum</i>	Annual Rye	100.00
Total		460.00

Forbs:		
<i>Asclepias syriaca</i>	Common Milkweed	2.00
<i>Baptisia alba</i>	White Wild Indigo	1.00
<i>Chamaecrista fasciculata</i>	Partridge Pea	10.00
<i>Careopsis lanceolata</i>	Sand Coreopsis	4.00
<i>Careopsis tripteris</i>	Tall Coreopsis	2.00
<i>Desmodium illinoense</i>	Illinois Tick Trefoil	0.50
<i>Doellingeria umbellata</i>	Flat-Top Aster	0.50
<i>Echinacea purpurea</i>	Broad-Leaved Purple Coneflower	4.00
<i>Eryngium yuccifolium</i>	Rattlesnake Master	2.00
<i>Helenium autumnale</i>	Sneezeweed	2.00
<i>Helianthus grosseserratus</i>	Sawtooth Sunflower	0.50
<i>Lespedeza capitata</i>	Round-Headed Bush Clover	1.50
<i>Liatris spicata</i>	Marsh Blazing Star	1.00
<i>Monarda fistulosa</i>	Wild Bergamot	1.00
<i>Oligoneuron rigidum</i>	Stiff Goldenrod	1.00
<i>Parthenium integrifolium</i>	Wild Quinine	1.00
<i>Physostegia virginiana</i>	Obedient Plant	0.25
<i>Pycnanthemum virginianum</i>	Common Mountain Mint	0.50
<i>Ratibida pinnata</i>	Yellow Coneflower	4.00
<i>Rudbeckia hirta</i>	Black-Eyed Susan	4.00
<i>Rudbeckia laciniata</i>	Wild Golden Glow	1.00
<i>Rudbeckia subtomentosa</i>	Sweet Black-Eyed Susan	0.50
<i>Senna hebecarpa</i>	Wild Senna	2.25
<i>Silphium integrifolium</i>	Rosin Weed	1.00
<i>Silphium laciniatum</i>	Compass Plant	2.00
<i>Silphium perfoliatum</i>	Cup Plant	2.00
<i>Silphium terebinthinaceum</i>	Prairie Dock	3.00
<i>Solidago juncea</i>	Early Goldenrod	0.25
<i>Solidago rugosa</i>	Rough Goldenrod	0.25
<i>Symphoricarum novae-angliae</i>	New England Aster	0.50
<i>Tradescantia ohioensis</i>	Common Spiderwort	1.25
<i>Veronica fasciculata</i>	Common Ironweed	3.00
<i>Veronicastrum virginicum</i>	Culver's Root	0.25
<i>Zizia aurea</i>	Golden Alexanders	1.00
Total		59.00

NATIVE PRAIRIE SEED MIX		
Botanical Name	Common Name	PLS Ounces/Acre
Permanent Grasses:		
<i>Bouteloua curtipendula</i>	Side-Oats Grama	16.00
<i>Carex spp.</i>	Prairie Sedge Species	4.00
<i>Elymus canadensis</i>	Canada Wild Rye	32.00
<i>Koeleria macrantha</i>	June Grass	1.00
<i>Panicum virgatum</i>	Switch Grass	1.00
<i>Schizachyrium scoparium</i>	Little Bluestem	36.00
Total		90.00

Temporary Cover:		
<i>Avena sativa</i>	Common Oat	360.00
<i>Lolium multiflorum</i>	Annual Rye	100.00
Total		460.00

Forbs:		
<i>Amorpha canescens</i>	Lead Plant	0.50
<i>Asclepias syriaca</i>	Common Milkweed	2.00
<i>Asclepias tuberosa</i>	Butterfly Weed	2.00
<i>Baptisia alba</i>	White Wild Indigo	2.00
<i>Chamaecrista fasciculata</i>	Partridge Pea	10.00
<i>Careopsis lanceolata</i>	Sand Coreopsis	5.00
<i>Careopsis palmata</i>	Prairie Coreopsis	1.00
<i>Dalea candida</i>	White Prairie Clover	1.50
<i>Dalea purpurea</i>	Purple Prairie Clover	1.50
<i>Desmanthus illinoensis</i>	Illinois Sensitive Plant	3.00
<i>Echinacea purpurea</i>	Broad-Leaved Purple Coneflower	8.00
<i>Eryngium yuccifolium</i>	Rattlesnake Master	2.00
<i>Lespedeza capitata</i>	Round-Headed Bush Clover	2.00
<i>Liatris aspera</i>	Rough Blazing Star	0.50
<i>Lupinus perennis v. occidentalis</i>	Wild Lupine	4.00
<i>Monarda fistulosa</i>	Wild Bergamot	0.50
<i>Oligoneuron rigidum</i>	Stiff Goldenrod	1.00
<i>Parthenium integrifolium</i>	Wild Quinine	1.00
<i>Penstemon digitalis</i>	Foxglove Beard Tongue	0.50
<i>Penstemon hirsutus</i>	Hairy Beard Tongue	1.00
<i>Ratibida pinnata</i>	Yellow Coneflower	4.00
<i>Rudbeckia hirta</i>	Black-Eyed Susan	5.00
<i>Rudbeckia subtomentosa</i>	Sweet Black-Eyed Susan	1.00
<i>Silphium terebinthinaceum</i>	Prairie Dock	3.00
<i>Solidago speciosa</i>	Shiny Goldenrod	0.50
<i>Symphoricarum racemosus</i>	Heath Aster	0.25
<i>Symphoricarum laeve</i>	Smooth Blue Aster	1.00
<i>Symphoricarum novae-angliae</i>	New England Aster	0.50
<i>Tradescantia ohioensis</i>	Common Spiderwort	1.00
<i>Veronica stricta</i>	Hoary Vervain	1.00
<i>Veronica gigantea</i>	Smooth Tall Ironweed	1.50
<i>Veronicastrum virginicum</i>	Culver's Root	0.25
Total		66.00

SIGNED: 09.12.2024
LICENSE EXPIRATION: 08.31.2025



Know what's below.
Call before you dig.



Revisions

2.09.12-24 PERMIT / ZONING RESUBMITTAL
1.09.22-24 REVISED PER CITY COMMENTS
0.09.12-24 PERMIT SET ISSUED FOR REVIEW

Date: 2024-06-12
Scale: AS NOTED
Job #: 422.001.01
Drawn:
File #: 422.001.FSIP

SHEET:

L2