

LANDSCAPE IMPROVEMENT PLANS FOR AURORA FIRE STATION NO. 9

7S330 EOLA ROAD
AURORA, IL 60502

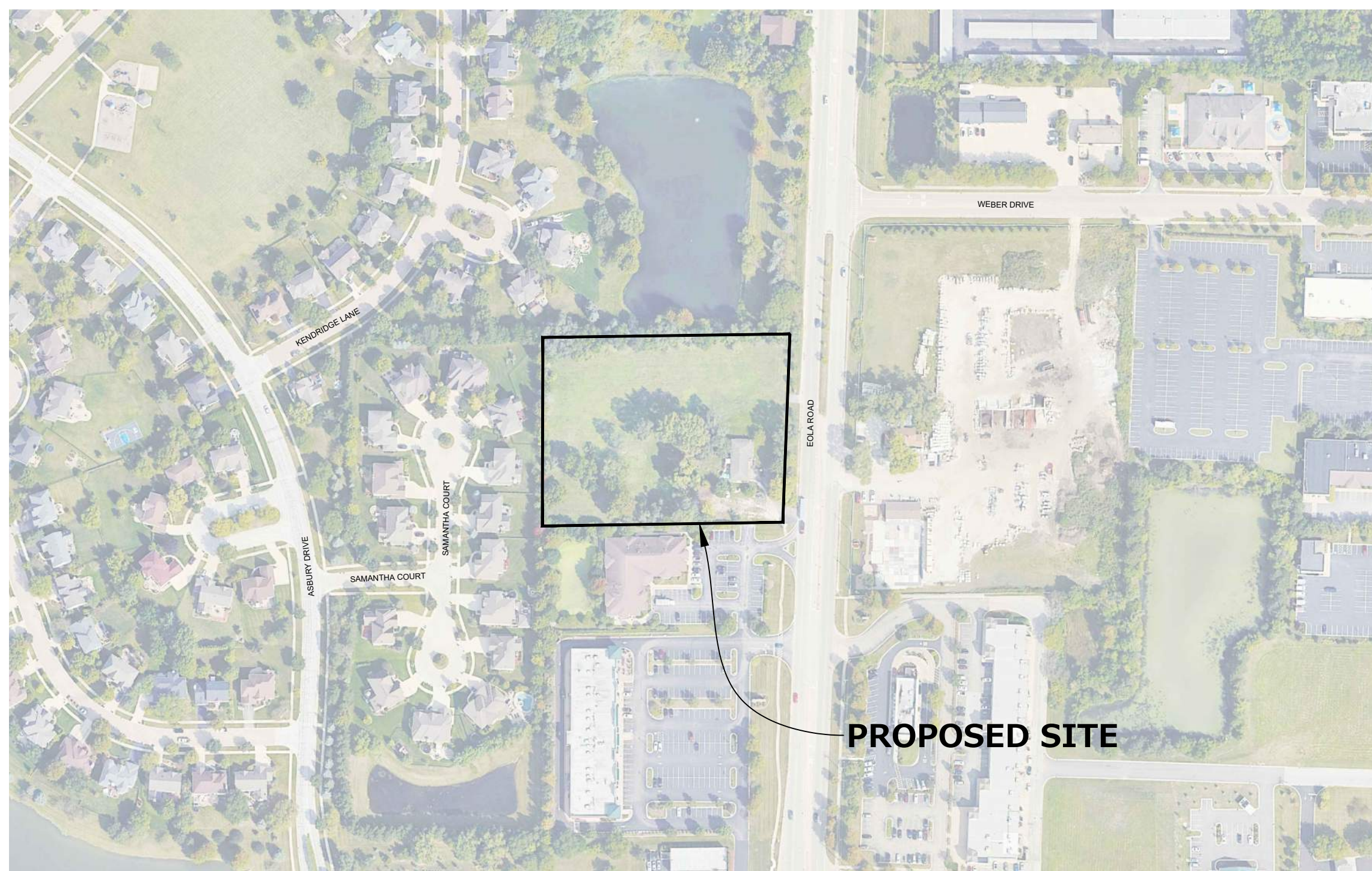
PLANS PREPARED
FOR



1211 WEST 22ND STREET, SUITE 700
OAK BROOK, ILLINOIS 60523
(630) 574-8300

SHEET INDEX

SHEET	DESCRIPTION
L-1	LANDSCAPE COVER SHEET
L-2	LANDSCAPE PLAN
L-3	LANDSCAPE GENERAL NOTES & DETAILS

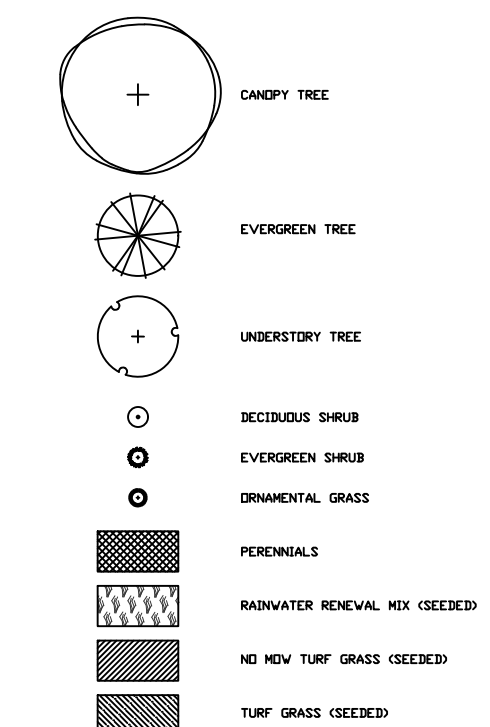


LOCATION MAP
SCALE: 1"=200'

Landscaping CTE Requirement Worksheet

Project Number: 23.480					
Petitioner: City of Aurora					
Street Frontage	150 L.F.			Perimeter Yard	1,321 L.F.
Stormwater HWL	709.00 L.F. Wet Bottom			Buffer Yard	423 L.F.
	- L.F. Dry Bottom			Surface Parking Spaces	15 spaces
Neighborhood Border	- L.F.			Parking Lot Islands	- Number
Dwelling Units	- units			Building Foundation	336 L.F.
Subdivision Name: Aurora Fire Station #9	Unit/Phase:			Lot Number	
Standard Requirements		Plant Mix Guidelines			
		Canopy Trees	Evergreen Trees	Understory Trees	Evergreen Shrubs
					Deciduous Shrubs
		CTE Equivalent Value			
	Total CTEs Required	1	1/3	1/3	1/20
					1/20
Street Trees	5.0	5	0	0	0
Wet Stormwater Facility	21.0	11	8	8	55
Dry/Turf Stormwater Facility	0.0	0	0	0	0
Neighborhood Border	0.0	0	0	0	0
Dwelling Unit	0.0	0	0	0	0
Perimeter Yard	40.0	20	18	18	80
Buffer Yard	8.0	4	4	4	16
Parking Lot Islands	1.0	1	0	0	3
Building Foundation	3.0	0	0	0	30
Total:	78.0	41	30	30	184

SYMBOL KEY



8/15/2024 12:51 PM - Z:\Projects\2023\0720-00-1\000 - CAD\FINAL SHEETS\0720-00-1\000 - L-1 COVER SHEET.dwg
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 CHECKED: DJB
 REVIEWED: SAT
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 AURORA FIRE STATION NO. 9 - 7S330 EOLA DRIVE - LANDSCAPE COVER SHEET
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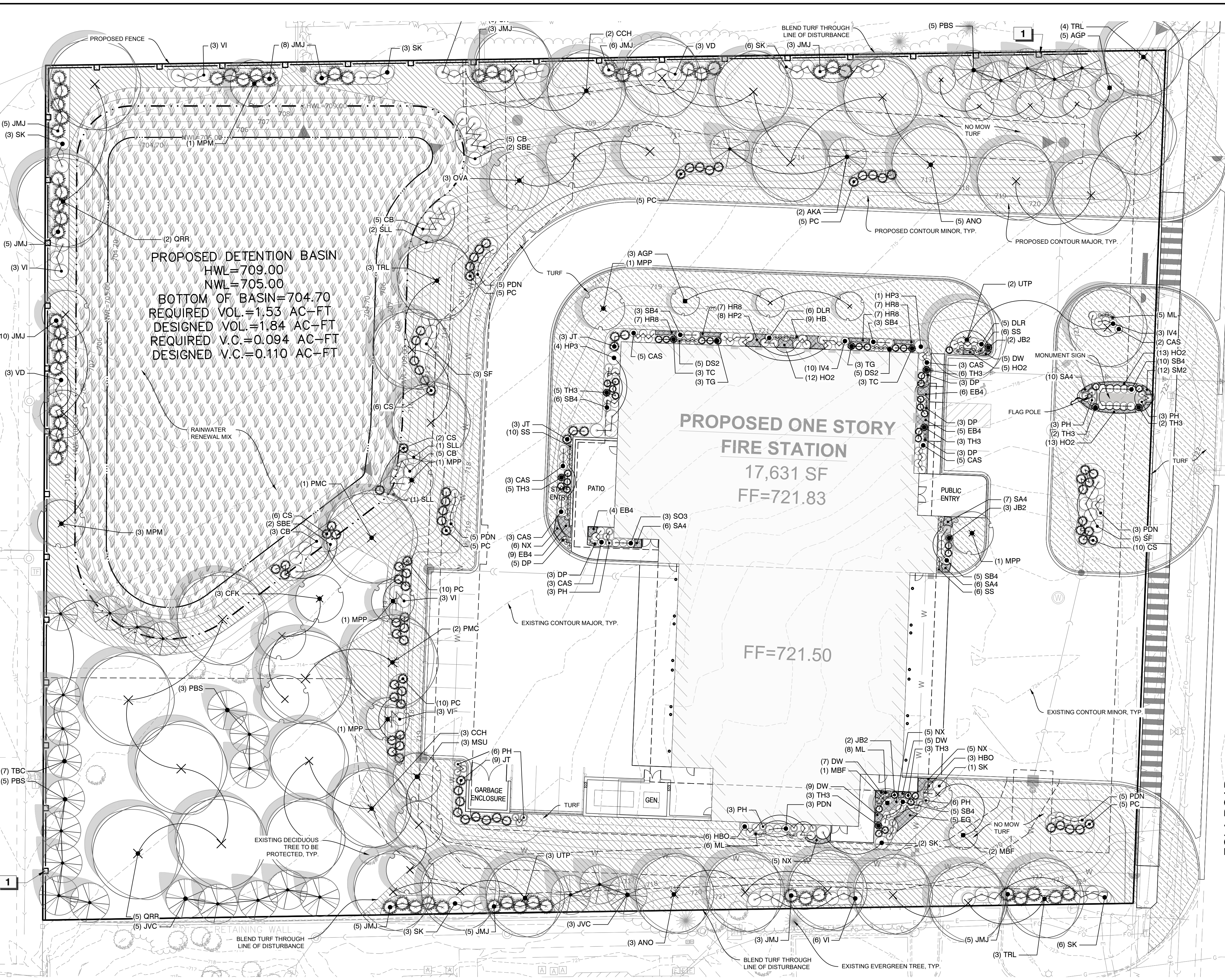
AURORA FIRE STATION NO. 9
7S330 EOLA DRIVE
AURORA, ILLINOIS

REVISIONS	
1	PERMIT SUBMITTAL 06/06/24
2	PER PZ REVIEW 08/15/24

LANDSCAPE COVER SHEET

REG. JOB NO. 5179-00-01
 REG. PM. DAT
 START DATE 3/11/24
 SCALE NONE
SHEET
L-1
9
L-3

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CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
CANOPY TREES					
ANO	8	Acer rubrum 'Northwood'	Northwood Maple	2" Cal.	50' T x 35' W
CCH	5	Celtis occidentalis 'Chicagoland'	Chicagoland Hackberry	2" Cal.	50' T x 40' W
PMC	3	Platanus x acerifolia 'Morton Circle'	Exclamation London Plane Tree	2" Cal.	60' T x 45' W
QRR	7	Quercus rubra	Red Oak	2" Cal.	65' T x 65' W
TRL	10	Tilia americana 'Redmond'	Redmond American Linden	2" Cal.	50' T x 35' W
UTP	5	Ulmus x 'Morton Glossy'	Triumph Elm	2" Cal.	55' T x 40' W

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
EVERGREEN TREE					
AKA	2	Abies koreana 'Aurea'	Golden Korean Fir	5' Ht.	25' T x 15' W
JVC	8	Juniperus virginiana	Eastern Red Cedar	5' Ht.	35' T x 17' W
PBS	13	Pinus cembra 'Big Blue'	Big Blue Swiss Stone Pine	5' Ht.	35' T x 20' W
TBC	7	Taxodium distichum	Bald Cypress	5' Ht.	50' T x 15' W

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
UNDERSTORY					
AGP	8	Amelanchier x grandiflora 'Princess Diana'	Princess Diana Serviceberry	1.5" Cal.	18' T x 14' W
CFK	3	Carpinus caroliniana 'JN Strain'	Fire King Muscledwood	1.5" Cal.	30' T x 30' W
MBF	3	Magnolia x 'Butterflies'	Butterflies Magnolia	1.5" Cal.	17' T x 12' W
MPM	4	Malus x 'Prairie Maid'	Prairie Maid Crabapple	1.5" Cal.	20' T x 25' W
MPP	5	Malus x 'Purple Prince'	Purple Prince Crabapple	1.5" Cal.	20' T x 20' W
MSU	3	Malus x 'Sugar Tyme'	Sugar Tyme Crabapple	1.5" Cal.	25' T x 30' W
OVA	3	Ostrya virginiana	American Hornbeam	1.5" Cal.	35' T x 25' W

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
SHRUBS					
CB	18	Cephalanthus occidentalis 'Balloptics'	Fiber Optics® Buttonbush	24" Ht.	6' T x 6' W
CAS	24	Cornus sanguinea 'Cato'	Arctic Sun Bloodtwig Dogwood	18" Ht.	3' T x 3' W
DLR	11	Diervilla x 'G2X8854'	Kodiak Orange Diervilla	24" Ht.	4' T x 4' W
HBO	9	Hydrangea paniculata 'Bobo'	Bobo Hydrangea	18" Ht.	3' T x 4' W
HP3	5	Hydrangea paniculata 'Vanilla Strawberry'	Vanilla Strawberry Hydrangea	24" Ht.	7' T x 5' W
IV4	13	Itea virginica 'SMNIVMM'	Fizzy Mizzzy® Sweetspire	18" Ht.	3' T x 3' W
PDN	21	Physocarpus opulifolius 'Nanus'	Dwarf Ninebark	18" Ht.	3' T x 3' W
SF	8	Salix integra 'Flamingo'	Flamingo Willow	24" Ht.	5' T x 5' W
SBE	4	Sambucus nigra 'Black Lace'	Black Lace Elderberry	24" Ht.	6' T x 6' W
SLL	4	Sambucus racemosa 'Lemony Lace'	Lemony Lace Elderberry	24" Ht.	5' T x 5' W
SK	30	Syringa pubescens patula 'Miss Kim'	Miss Kim Korean Lilac	24" Ht.	6' T x 6' W
SO3	3	Syringa x 'SMNJRPT'	Blooming Dwarf Pink Lilac	18" Ht.	4' T x 3' W
SB4	32	Syringa x 'SMSJBP7'	Blooming Dwarf Purple Lilac	18" Ht.	4' T x 3' W
VI	18	Viburnum dentatum deamii 'SMVDBL'	All That Glitters® Arrowwood Viburnum	24" Ht.	5' T x 5' W
VD	6	Viburnum dentatum deamii 'SMVDSL'	All That Glitters® Viburnum	24" Ht.	5' T x 5' W

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
EVERGREEN SHRUBS					
CS	24	Chamaecyparis thyoides 'Shiva'	Shiva Atlantic White Cypress	3' Ht.	6' T x 4' W
JMJ	58	Juniperus chinensis 'Mint Julep'	Mint Julep Juniper	24" Ht.	5' T x 7' W
JT	15	Juniperus chinensis 'Trautman'	Trautman Juniper	4" Ht.	12' T x 4' W
JB2	7	Juniperus horizontalis 'Blue Forest'	Blue Forest Creeping Juniper	24" Ht.	1' T x 4' W
PC	45	Pinus cembra 'Chalet'	Chalet Swiss Stone Pine	24" Ht.	8' T x 4' W
TG	6	Taxus x media 'SMNTHDB'	Stonehenge Dark Druid® Yew	18" Ht.	4' T x 4' W
TC	6	Taxus x media 'SMNTHDC'	Stonehenge® Anglo-Japanese Yew	24" Ht.	8' T x 3' W
TH3	29	Thuja occidentalis 'Hetz Midget'	Hetz Midget Arborvitae	18" Ht.	3' T x 3' W

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
ORNAMENTAL GRASSES						
DP	17	Deschampsia cespitosa 'Pixie Fountain'	Pixie Fountain Tufted Hair Grass	1 gal.	18" T x 18" W	
DS2	10	Deschampsia cespitosa 'Schottland'	Schottland Tufted Hair Grass	1 gal.	20" o.c.	4' T x 2' W
HB	9	Hakonechloa macra 'Beni-kaze'	Beni-kaze Japanese Forest Grass	1 gal.	20" T x 20" W	
ML	19	Miscanthus sinensis 'Little Kitten'	Little Kitten Eulalia Grass	1 gal.	24" T x 15" W	
PH	24	Panicum virgatum 'Heavy Metal'	Blue Switch Grass	1 gal.	4' T x 3' W	
SS	22	Schizachyrium scoparium 'Standing Ovation'	Standing Ovation Little Bluestem	1 gal.	4' T x 2' W	

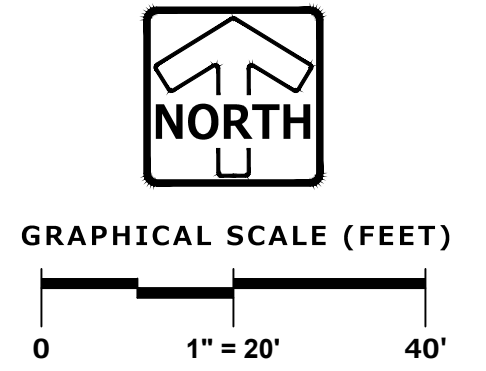
CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
PERENNIALS						
DW	26	Dianthus gratianopolitanus 'Firewitch'	Firewitch Cheddar Pink	4.5" Cont.	12" o.c.	6' T x 12' W
EB4	24	Echinacea x 'Balsomtregro'	Sombrero® Tres Amigos Coneflower	1 gal.	20" o.c.	18" T x 22" W
EG	5	Eupatorium maculatum 'Gateway'	Gateway Joe-Pye Weed	1 gal.	32" o.c.	48" T x 36" W
HO2	43	Heuchera x 'Obsidian'	Obsidian Coral Bells	4.5" Cont.	14" o.c.	10" T x 16" W
HP2	8	Hosta fortunei 'Patriot'	Patriot Hosta	4.5" Cont.	30" o.c.	24" T x 36" W
HR8	28	Hosta x 'Rainforest Sunrise'	Rainforest Sunrise Hosta	4.5" Cont.	16" o.c.	12" T x 18" W
NX	21	Nepeta x faassenii 'Cats Meow'	Cats Meow Catmint	4.5" Cont.	22" o.c.	18" T x 30" W
SA4	29	Sedum x 'Autumn Fire'	Autumn Fire Sedum	4.5" Cont.	15" o.c.	24" T x 18" W
SM2	12	Stachys monieri 'Hummelo'	Common Betony	4.5" Cont.	12" o.c.	20" T x 12" W

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	REMARKS
GROUND COVERS				
	23,545 sf	RAINWATER RENEWAL MIX	AGRECOL RAINWATER RENEWAL MIX	
	17,186 sf	Turf Hydroseed	Drought Tolerant Fescue Blend	
	28,367 sf	Turf No Mow Grow	No Mow Grow Mix	

	Canopy Trees	Evergreen Trees	Understory Trees	Evergreen Shrubs	Deciduous Shrubs	CTE Equivalent Value						
						1	1/3	1/3	1/20	1/20		
Street Trees	5	0	0	0	0							
Wet Stormwater Facility	21.0	11	10	10	40	52						
Dry/Turf Stormwater Facility	0.0	0	0	0	0	0						
Neighborhood Border	0.0	0	0	0	0	0						
Dwelling Unit	0.0	0	0	0	0	0						
Perimeter Yard	40.0	20	16	15	68	56						
Buffer Yard	8.0	4	4	4	34	21						
Parking Lot Islands	1.0	1	0	1	3	3						
Building Foundation	3.0	0	0	0	45	80						
Total:	81.1	41	30	30	190	212						
Required CTEs							78					
Wet Stormwater Facility	4 existing trees are being counting in this number											
Buffer Yard	1 existing trees are being counting in this number											

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	FENCE: 6" SOLID VINYL FENCE TO BE CONSTRUCTED AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND PRODUCT DATA FOR APPROVAL BY OWNER OR OWNER'S REPRESENTATIVE.



REVISIONS	
1	PERMIT SUBMITTAL 06/06/24
2	PER PZ REVIEW 08/15/24

AURORA FIRE STATION NO. 9 - 7S330 EOLA DRIVE - LANDSCAPE PLAN
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GENERAL PLANTING NOTES

- THE LAYOUT OF ALL PLANTING BEDS AND INDIVIDUAL TREES AND SHRUBS SHALL BE STAKED BY THE CONTRACTOR IN ADVANCE OF INSTALLATION. FLAGGING, STAKES, OR PAINT MAY BE USED TO DELINEATE LOCATIONS AS SCALED FROM THE PLANS. AN APPROVED REPRESENTATIVE WILL REVIEW THESE LOCATIONS WITH THE CONTRACTOR AND MAKE MINOR ADJUSTMENTS AS NECESSARY. BED LAYOUT SHALL ALSO INCLUDE PERENNIAL GROUPINGS BY SPECIES.
- THE CONTRACTOR IS RESPONSIBLE FOR INDEPENDENTLY DETERMINING THE PLANT MATERIAL QUANTITIES REQUIRED BY THE LANDSCAPE PLANS. REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT.
- NO PLANT MATERIAL OR PLANT SIZE SUBSTITUTIONS WILL BE ACCEPTED WITHOUT APPROVAL BY THE LANDSCAPE ARCHITECT. ANY CHANGES SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT IN WRITING PRIOR TO INSTALLATION.
- ALL BNB STOCK SHALL BE NURSERY GROWN IN A CLAY LOAM SOIL FOR A MINIMUM OF THREE GROWING SEASONS WITHIN 200 MILES OF PROJECT LOCATION, IN A ZONE COMPATIBLE WITH USDA HARDINESS ZONE 5A. SEED SHALL BE PROVIDED FROM A NURSERY (WITHIN 200 MILES) WITH A SIMILAR PLANT HARDINESS ZONE AS PROJECT LOCATION. EXISTING SOIL SHALL BE AMENDED PER SOIL ANALYSIS REPORT TO ENSURE A PROPER GROWING MEDIUM IS ACHIEVED.
- ALL PLANT MATERIAL SHALL COMPLY WITH STANDARDS DESCRIBED IN AMERICAN STANDARD OF NURSERY STOCK - Z60.1 ANSI. LANDSCAPE ARCHITECT OR OWNERS AUTHORIZED REPRESENTATIVE RESERVES THE RIGHT TO INSPECT AND POTENTIALLY REJECT ANY PLANT MATERIAL DEEMED TO NOT MEET THE REQUIRED STANDARDS.
- ALL STOCK SHALL BE FREE OF DISEASES AND HARMFUL INSECTS, DAMAGE, DISORDERS AND DEFORMITIES.
- TREES SHALL HAVE SINGLE, STRAIGHT TRUNKS AND WELL BALANCED BRANCH SYSTEMS. MULTI-STEM TREES SHALL HAVE 3-4 STRAIGHT TRUNKS AND WELL BALANCED BRANCH SYSTEMS. HEIGHT-TO-CALIPER RATIOS SHALL BE CONSISTENT WITH THE LATEST EDITION OF ANSI Z60.1.
- ROOT SYSTEMS SHALL BE LARGE ENOUGH TO ALLOW FOR FULL RECOVERY OF THE TREE, AND SHALL CONFORM TO STANDARDS AS THEY APPEAR IN THE MOST CURRENT REVISION OF THE AMERICAN ASSOCIATION OF NURSERYMEN'S AMERICAN STANDARD OF NURSERY STOCK ANSI Z60.1.
- BNB TREES SHALL BE DUG WITH A BALL OF SOIL, NOT SOFT BALLED OR POTTED AND SHALL BE FIRM IN THEIR ROOTBALL. ROOT BALL SHALL BE WRAPPED (WITH BIODEGRADABLE MATERIAL). THE TREE ROOT FLARE, OR COLLAR, SHALL BE AT OR WITHIN THE TOP THREE INCHES OF GRADE.
- ALL SPRING TREES MUST BE FRESHLY DUG IN THE MOST RECENT SPRING.
- ALL AUTUMN TREES MUST BE FRESHLY DUG IN THE MOST RECENT AUTUMN.
- TREES SHALL BE ALIVE, HEALTHY AND APPROPRIATELY MOIST, AT TIME OF DELIVERY. TREES SHALL BE SUBJECT TO INSPECTION FOR CONFORMITY TO SPECIFICATION REQUIREMENTS AND APPROVAL BY THE LANDSCAPE ARCHITECT OR OWNERS REPRESENTATIVE. THE LANDSCAPE ARCHITECT OR OWNERS REPRESENTATIVE RESERVES THE RIGHT TO REJECT ANY TREES THAT DO NOT MEET THE SPECIFICATIONS OR THAT HAVE BEEN DAMAGED DURING SHIPMENT. THE LANDSCAPE INSTALLER MUST RECEIVE APPROVAL FROM LANDSCAPE ARCHITECT FOR ANY SUBSTITUTIONS OR ALTERATIONS.
- ALL PLANT MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH PLANTING DETAILS.
- ALL PLANTING BEDS SHALL HAVE A MINIMUM 10" DEPTH OF PREPARED SOIL. WITH APPROVAL, EXISTING SOIL MAY BE UTILIZED PROVIDED THE PROPER SOIL AMENDMENTS ARE TILLED THOROUGHLY INTO THE TOP 10" OF SOIL. REFER TO SOIL PLACEMENT NOTES.
- WHILE PLANTING TREES AND SHRUBS, BACKFILL $\frac{2}{3}$ OF PLANTING HOLE AND WATER TREE THOROUGHLY BEFORE INSTALLING THE REMAINDER OF SOIL MIXTURE. AFTER ALL SOIL HAS BEEN PLACED INTO THE PLANTING HOLE WATER THOROUGHLY AGAIN.
- THE CONTRACTOR MUST LABEL ALL TREES WITH THE COMMON AND BOTANICAL NAMES PRIOR TO FINAL INSPECTION.
- OAK TREES SHALL BE TREATED FOR TWO-LINE CHESTNUT BORER BOTH AT THE TIME OF INSTALLATION AND DURING THE SECOND GROWING SEASON.
- ALL PLANTING BEDS SHALL BE MULCHED WITH 3" DEEP SHREDDED HARDWOOD MULCH, AND ALL TREES PLANTED IN TURF AREAS SHALL RECEIVE A 3" DEEP SHREDDED HARDWOOD MULCHED RING AS SHOWN IN PLANTING DETAILS.
- ALL PLANTING BEDS AND TREE RINGS SHALL HAVE A 4" DEEP TRENCHED BED EDGE CREATED BY EITHER A FLAT LANDSCAPE SPADE OR MECHANICAL EDGER. BED EDGES ARE TO BE CUT CLEAN AND SMOOTH AS SHOWN ON LANDSCAPE PLANS WITH A CLEAR DEFINITION BETWEEN TURF AND PLANTING AREAS.
- ALL TURF SEED AREAS SHALL RECEIVE A MINIMUM OF 6" DEPTH OF TOPSOIL. WITH APPROVAL, EXISTING SOIL MAY BE UTILIZED PROVIDED THE PROPER SOIL AMENDMENTS ARE TILLED THOROUGHLY INTO THE TOP 6" OF SOIL AS INDICATED IN THE SOIL PLACEMENT NOTES. REQUIRED AMENDMENTS SHALL BE DETERMINED BASED ON A SOIL ANALYSIS TO BE PERFORMED. ALL TOPSOIL AMENDMENT SHALL BE AGED WEED FREE MANURE OR CLASS 1 ORGANIC MATTER.
- FOR LAWN SEEDING, APPLY A STARTER FERTILIZER AND SEED UNIFORMLY AT THE RATE RECOMMENDED BY MANUFACTURER, AND PROVIDE A MULCH COVERING THAT IS SUITABLE TO PROMOTE SEED GERMINATION AND TURF ESTABLISHMENT. CONTRACTOR TO PROVIDE FERTILIZER, SEED, AND MULCH SPECIFICATIONS TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. EROSION CONTROL MEASURES ARE TO BE INSTALLED IN THOSE AREAS REQUIRING STABILIZATION (SWALES, SLOPES EXCEEDING 1:3, AND THOSE LOCATIONS INDICATED IN CIVIL DRAWINGS).
- THE CONTRACTOR TO ENSURE A SMOOTH, UNIFORM QUALITY TURF IS ACHIEVED WITH NO BARE SPOTS LARGER THAN 6" X 6". ANY BARE SPOTS LARGER THAN 6" X 6" AT THE END OF ESTABLISHMENT PERIOD SHALL BE RESEEDED AT THE CONTRACTORS EXPENSE TO OBTAIN A DENSE, UNIFORM LAWN.
- ALL FINISH GRADING AND LAWN AREAS TO BE INSTALLED BY LANDSCAPE CONTRACTOR.
- ALL DISTURBED AREAS WITHIN THE PROJECT SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
- ALL DISTURBED AREAS OUTSIDE THE LIMITS OF WORK SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES, INCLUDING ANY IRRIGATION LINES, PRIOR TO DIGGING. CONSULT J.U.L.I.E.
- TREES SHALL BE INSTALLED NO CLOSER THAN:
 - 10 FEET FROM ANY FIRE HYDRANT
 - 7 FEET FROM STORM SEWER, SANITARY SEWER LATERALS, AND WATER SERVICE
- THE CONTRACTOR SHALL ENSURE THAT SOIL CONDITIONS AND COMPACTION ARE ADEQUATE TO ALLOW FOR PROPER DRAINAGE AROUND THE CONSTRUCTION SITE. UNDESIRABLE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING OF WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE PROPER SURFACE AND SUBSURFACE DRAINAGE IN ALL AREAS

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 DATE: 3/11/24

- THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES, AND LICENSES NECESSARY FOR THE INSTALLATION OF THIS PLAN.
- THE CONTRACTOR IS TO REVIEW ALL SITE ENGINEERING DOCUMENTS PRIOR TO INSTALLATION. ANY CONFLICTS MUST BE REPORTED TO THE LANDSCAPE ARCHITECT. THESE LANDSCAPE DRAWINGS ARE FOR THE INSTALLATION OF PLANT MATERIALS ONLY UNLESS OTHERWISE STATED.
- THE CONTRACTOR SHALL PROVIDE WATERING AND MAINTENANCE SERVICES FOR A PERIOD OF 60 DAYS TO ENSURE VEGETATIVE ESTABLISHMENT. UPON COMPLETION OF THE PROJECT, CONTRACTOR SHALL SUPPLY THE OWNER IN WRITING WITH ONGOING WATERING AND MAINTENANCE INSTRUCTIONS.
- PLANT MATERIALS SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM TIME OF OWNER ACCEPTANCE. ONLY ONE REPLACEMENT PER PLANT WILL BE REQUIRED DURING THE WARRANTY PERIOD EXCEPT IN THE EVENT OF FAILURE TO COMPLY WITH THE SPECIFIED REQUIREMENTS.
- THE CONTRACTOR IS RESPONSIBLE TO CONDUCT A FINAL WALK THROUGH WITH THE LANDSCAPE ARCHITECT AND OR OWNERS REPRESENTATIVE TO ANSWER QUESTIONS, PROVIDE INSTRUCTIONS, AND ENSURE THAT PROJECT REQUIREMENTS HAVE BEEN MET.

SOIL PLACEMENT NOTES

- LOOSEN SUBGRADE TO A MINIMUM DEPTH INDICATED IN PLANTING NOTES USING A CULTI-MULCHER OR SIMILAR EQUIPMENT, AND REMOVE STONES MEASURING OVER 1-1/2 INCHES IN ANY DIMENSION, STICKS, RUBBISH AND OTHER EXTRANEOUS MATTER. AREAS ADJACENT TO WALKS AND PAVEMENT SHALL BE FREE OF EXCESS STONE AND PAVING MATERIALS SO AS TO PROVIDE AN UNINTERRUPTED CROSS SECTION OF SOIL. INTERNAL PARKING ISLANDS SHALL BE LOOSENEED TO A DEPTH OF 30".
- THOROUGHLY BLEND PLANTING SOIL MIX FOR PLANTING BED AREAS. (1 PART EXISTING SOIL, 1 PART TOPSOIL, 1 PART ORGANIC SOIL AMENDMENT, 2.9 POUNDS PER CUBIC YARD OF 4-4-4 ANALYSIS SLOW-RELEASE FERTILIZER)
- TREE AND SHRUB HOLES SHALL BE FILLED WITH A PREPARED PLANTING MIXTURE OF 1 PART TOPSOIL, 2 PARTS PLANTING SOIL MIX.
- SPREAD SOIL AND SOIL AMENDMENTS TO DEPTH INDICATED ON DRAWINGS, BUT NOT LESS THAN REQUIRED TO MEET FINISH GRADES AFTER NATURAL SETTLEMENT. (FINISH GRADE OF PLANTING BEDS SHALL BE 3" BELOW ALL ADJACENT SURFACES. FINISH GRADE OF TURF SEEDING AREAS SHALL BE 1" BELOW ALL ADJACENT HARD SURFACES, WALKS, AND CURBS.)
- PLACE APPROXIMATELY 1/2 OF TOTAL AMOUNT OF SOIL REQUIRED. WORK INTO TOP OF LOOSENEED SUBGRADE TO CREATE A TRANSITION LAYER, THEN PLACE REMAINDER OF THE SOIL. SOIL TRANSITION LAYER SHALL BE TILLED TO A MINIMUM DEPTH OF 6" BELOW THE DEPTH OF NEWLY PLACED SOIL. PARKING LOT ISLANDS SHALL BE CROWNED TO A HEIGHT OF 6" TO PROVIDE PROPER DRAINAGE UNLESS OTHERWISE NOTED.
- DO NOT SPREAD IF PLANTING SOIL OR SUBGRADE IS FROZEN, MUDDY, OR EXCESSIVELY WET.
- FINISH GRADING: GRADE SOIL TO A SMOOTH, UNIFORM SURFACE PLANE WITH A LOOSE, UNIFORMLY FINE TEXTURE.
- ROLL AND RAKE, REMOVE RIDGES, AND FILL DEPRESSIONS TO MEET FINISH GRADES.
- RESTORE PLANTING BEDS IF ERODED OR OTHERWISE DISTURBED AFTER FINISH GRADING AND BEFORE PLANTING.

NATIVE PLANTINGS

SPECIFICATIONS FOR HAND BROADCASTING:

SEEDING SHALL BE CONDUCTED IN LATE FALL (SEPTEMBER 1- SOIL FREEZE) SO THAT SEEDS MAY LIE DORMANT DURING THE WINTER, ALLOWING FOR STRATIFICATION, OR SPRING (MARCH 1-JUNE 1) TO ALLOW A COMPLETE GROWING SEASON TO BECOME ESTABLISHED.

ESTABLISHMENT OF A VIABLE VEGETATION COMMUNITY WITHIN THE BIO INFILTRATION BASINS WILL BE COMPLETED BY HAND-BROADCASTING OF PRE-DESIGNED SEED MIXES AND PLANTING OF PERENNIALS TO CREATE A DYNAMIC PLANTING.

PRIOR TO SEEDING PLANTING:

ALL WEEDS AND EXISTING VEGETATION SHALL BE REMOVED. EXISTING VEGETATION SHALL BE TREATED WITH GLYPHOSATE OR SIMILAR HERBICIDE BY A LICENSED PROFESSIONAL. TREATMENT SHALL OCCUR A MINIMUM OF 10 DAYS PRIOR TO SEEDING/PLANTING. VEGETATION STILL ALIVE AFTER INITIAL HERBICIDE TREATMENT SHALL BE TREATED A SECOND TIME PRIOR TO TILLING INTO THE SOIL. TREATED VEGETATION SHALL BE TILLED INTO THE SOIL NO EARLIER THAN 1 DAY PRIOR TO SEEDING.

A. PREPARATION OF SOIL PRIOR TO SEEDING

- REFER TO CIVIL PLANS FOR SOIL MIX.
- ALL FOREIGN MATERIALS LARGER THAN 1-INCH SHALL BE REMOVED FROM THE SOIL PRIOR TO SEEDING OR PLANTING.
- AREA SHOULD BE FREE FROM UNSIGHTLY VARIATIONS, RIDGES, AND DEPRESSIONS.
- AVOID DRIVING OVER THE SPECIFIED AREA WITH MACHINERY.

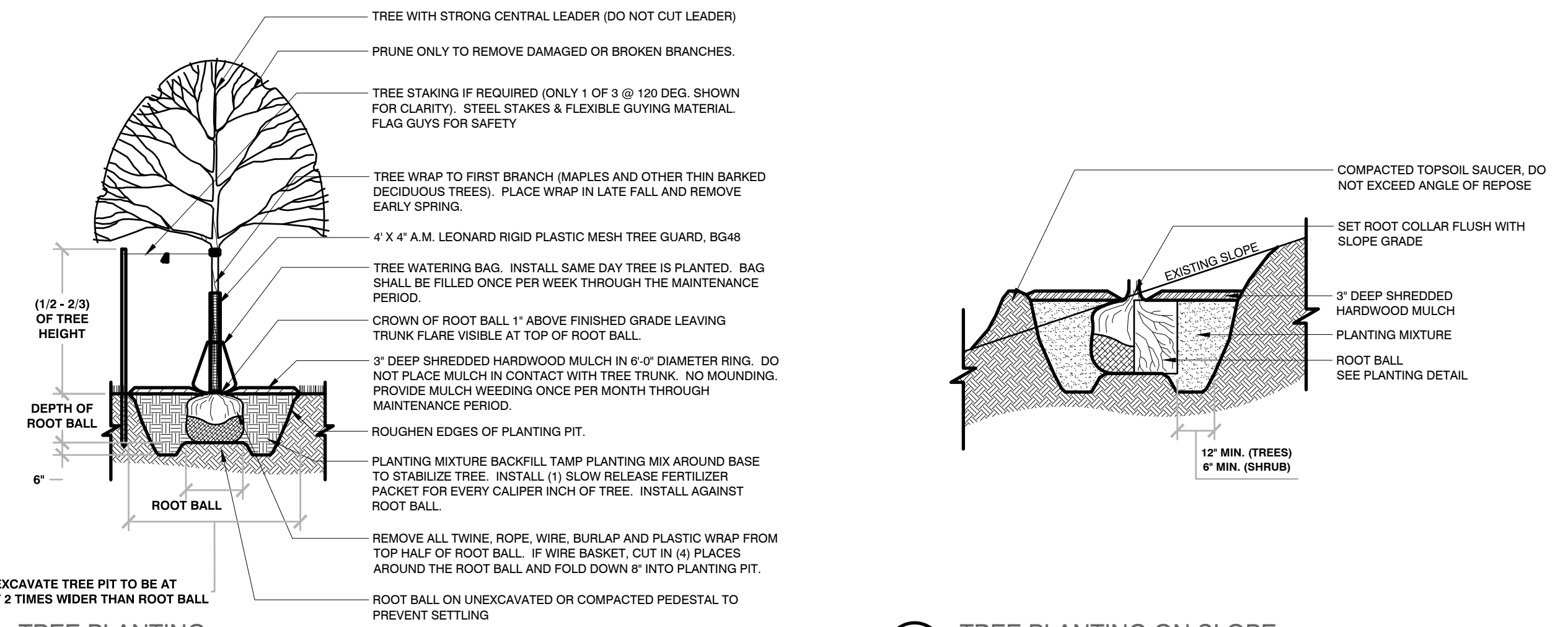
B. COVER CROP

- ANNUAL RYE SHALL BE SPREAD AT A DENSITY OF 20 POUNDS PER ACRE DURING THE PLANTING OR SEEDING OF THE NATIVE PLANT SPECIES TO STABILIZE THE SOIL AND REDUCE THE GROWTH OF UNWANTED VEGETATION. THIS ANNUAL GRASS GROWS RAPIDLY WITHOUT COMPETING WITH THE WILDFLOWERS AND GRASSES THAT ARE PLANTED IN THE TARGET AREAS.
- WINTER WHEAT OR PERENNIAL RYE SHALL NOT BE USED AS A COVER CROP. THESE GRASSES MAY OUT COMPETE PRAIRIE SEEDINGS, LEADING TO A REDUCTION IN THE SUCCESS OF THE PLANTINGS.

SEED MIX: MIX ALL PRAIRIE SEED WITH VERMICULITE ACCORDING TO AGRECOL RECOMMENDATIONS AND INSTALLATION GUIDELINES.

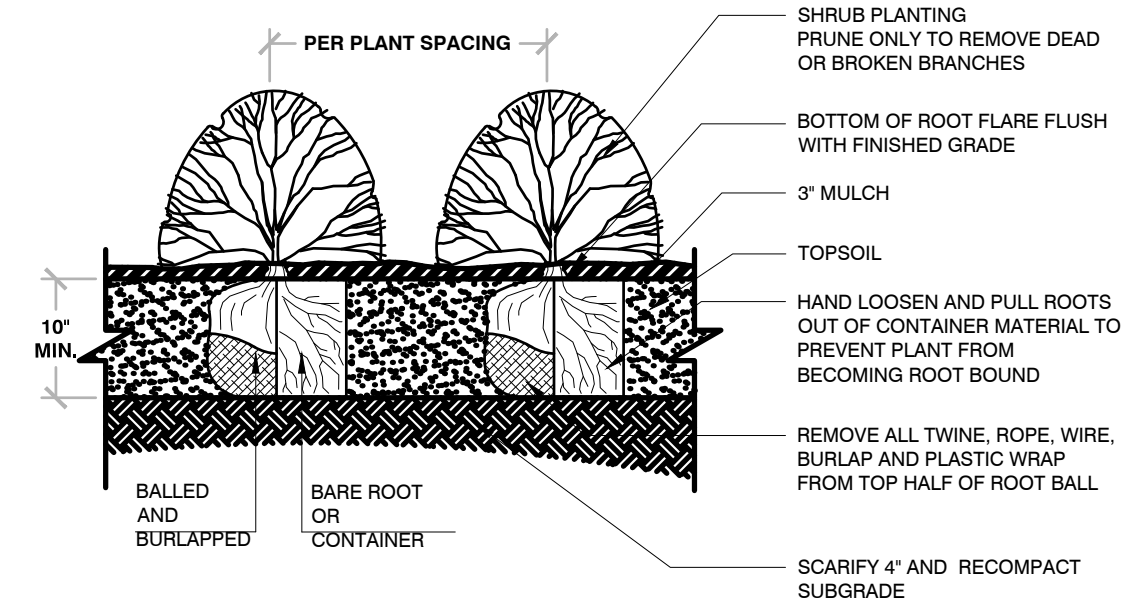
- BROADCAST HALF THE SEED OVER THE ENTIRE SITE OR TARGET AREA.
- BROADCAST THE OTHER HALF OF SEED PERPENDICULAR TO THE DIRECTION THAT THE FIRST HALF OF THE SEED WAS BROADCAST.
- COVER SEED WITH $\frac{1}{4}$ -INCH TO $\frac{1}{2}$ -INCH OF SOIL (USE ANY EXCESS SOIL FROM THE SITE) WITH RAKE OR DRAG.
- ROLL SITE TO ENSURE FIRM SEED-TO-GROUND CONTACT.
- KEEP SEED CONSTANTLY WET THROUGH GERMINATION PERIOD. GENERALLY 3 WEEKS.

ALL SEEDING SHALL BE COVERED WITH 1-INCH OF CLEAN, NON-INVASIVE STRAW (NO MARSH HAY, OR REED CANARY GRASS) WITHOUT SEEDS, WITHIN SEVEN DAYS. WHEAT, RYE, OATS, OR BARLEY ARE ACCEPTABLE FORMS OF STRAW. THOSE AREAS OF SLOPES STEEPER THAN 8:1 (EIGHT FEET HORIZONTAL TO ONE FOOT VERTICAL) SHALL BE PLANTED NO LATER THAN OCTOBER 1 AND STAKED WITH AN EROSION CONTROL BLANKET TO PREVENT EROSION.



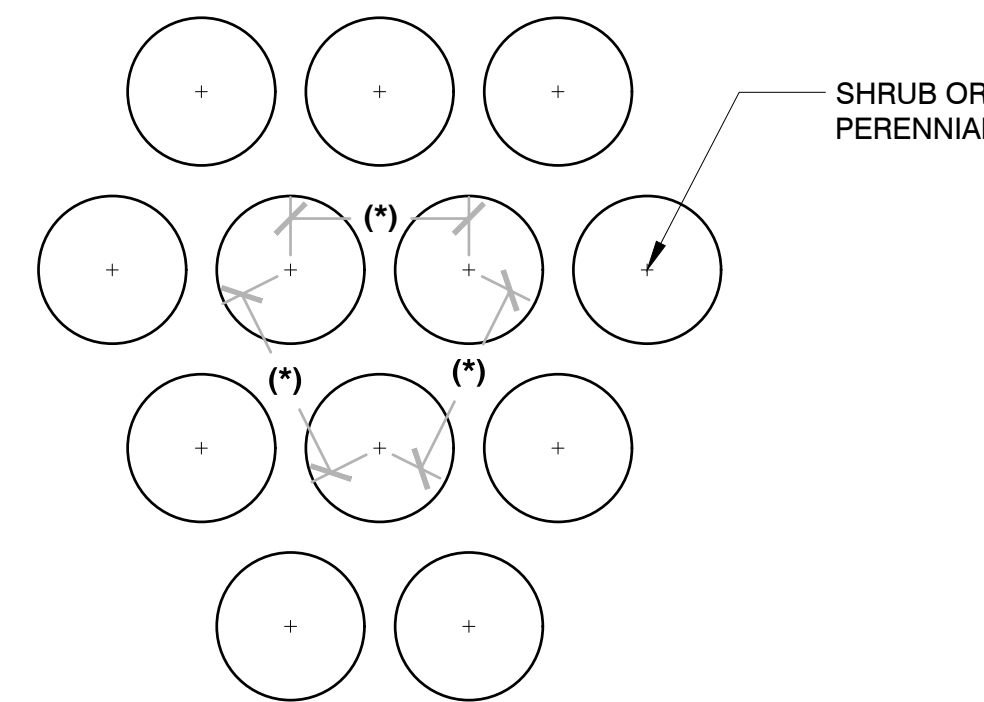
1 TREE PLANTING
1/4" = 1'-0"

2 TREE PLANTING ON SLOPE
3/8" = 1'-0"

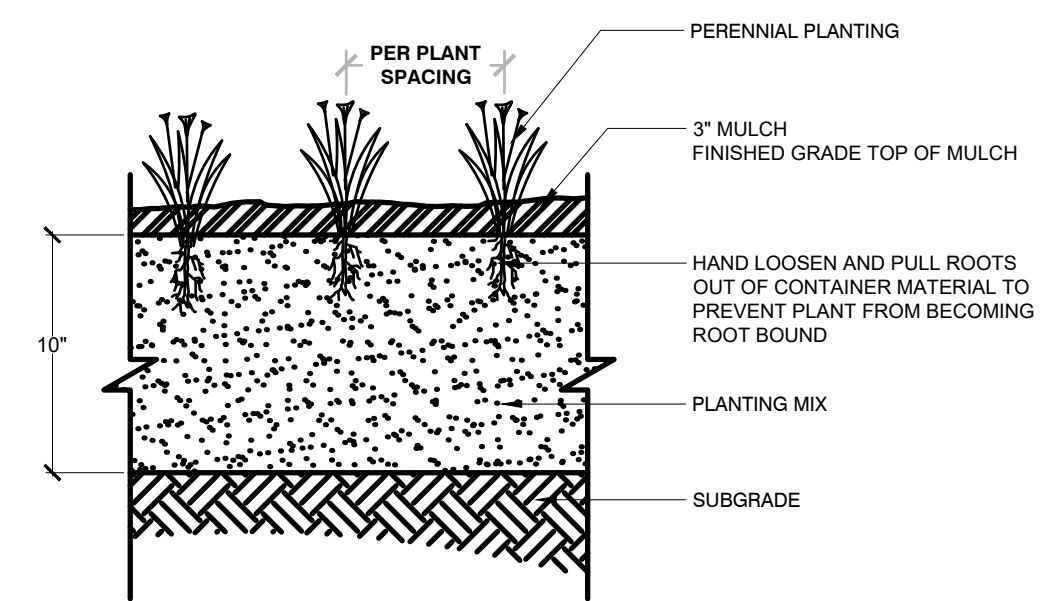


BAREROOT PLANTING NOTES:
 1. SOAK ROOTS IN WATER FOR AT LEAST ONE HOUR BUT NOT MORE THAN 24 HOURS PRIOR TO PLANTING.
 2. SCARIFY SIDES AND BOTTOMS OF HOLE.
 3. PROCEED WITH CORRECTIVE PRUNING OF THE TOP AND BOTTOM ROOTS.
 4. TRANSFER PLANT DIRECTLY FROM WATER TO HOLE. SET PLANT SO THE ROOT FLARE IS APPROXIMATELY AT THE FINISHED SOIL ELEVATION. SPREAD ROOTS OUT EVENLY. PLUMB AND IMMEDIATELY BACKFILL WITH PLANTING SOIL MIX.
 5. WATER THOROUGHLY WITHIN 2 HOURS TO SETTLE PLANTS AND FILL VOIDS.
 6. BACKFILL VOIDS AND WATER SECOND TIME.
 7. PLACE MULCH WITHIN 48 HOURS OF THE SECOND WATERING UNLESS SOIL MOISTURE IS EXCESSIVE.

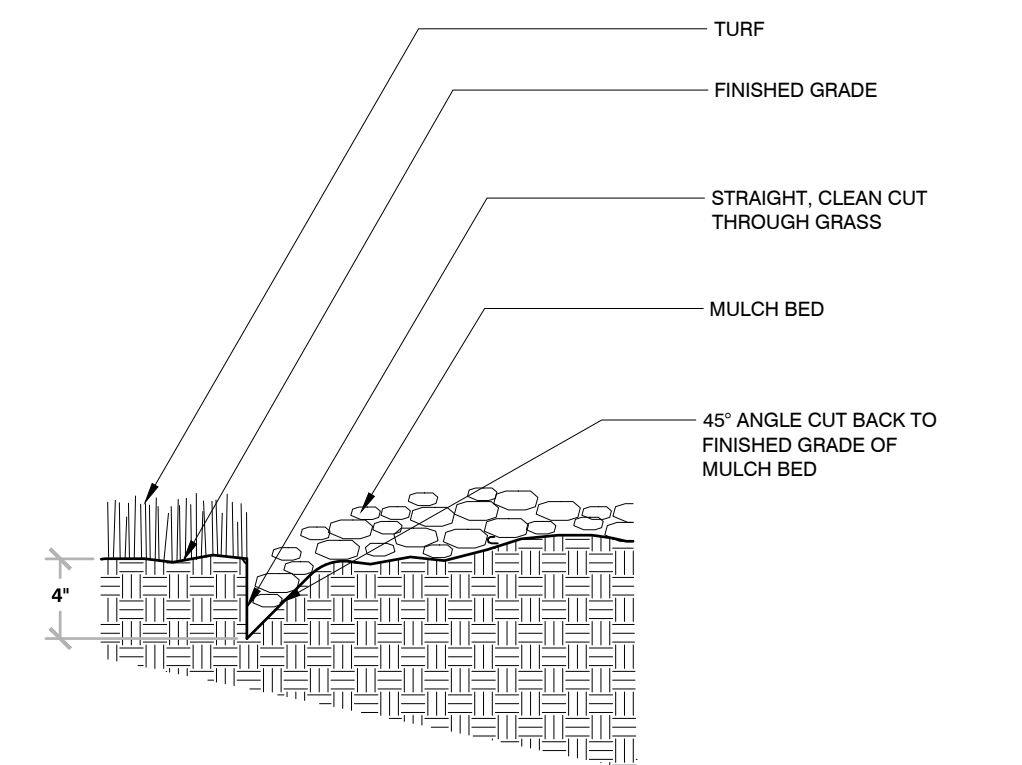
3 SHRUB PLANTING
1/2" = 1'-0"



5 PLANT SPACING
3/4" = 1'-0"



4 PERENNIAL PLANTING
1" = 1'-0"



6 TRENCHED BED EDGE
3/4" = 1'-0"

NATIVE PLANTINGS:

WEED SUPPRESSION MEASURES:

1st YEAR - PERFORM SPOT SPRAY WITH HERBICIDE TO SUPPRESS WEEDS. THIS SHOULD OCCUR APPROXIMATELY EVERY MONTH OF THE GROWING SEASON AFTER NATIVE PLANTINGS HAVE BEEN ROUGH GRADED.

2nd YEAR - IN MAY/JUNE MOW NATIVE PLANTINGS AT 6" HEIGHT TO SUPPRESS THE WEEDS. PERFORM SPOT SPRAY WITH HERBICIDE TO SUPPRESS WEEDS. HAVE PROFESSIONAL ASSESS PLANTINGS. REPEAT MOWING NATIVE PLANTINGS AND SPOT-SPRAY IN EARLY JULY.

3rd YEAR - IN MAY/JUNE MOW NATIVE PLANTINGS AT 8" HEIGHT TO SUPPRESS THE WEEDS. PERFORM SPOT SPRAY WITH HERBICIDE TO SUPPRESS WEEDS.

4th YEAR - IN MAY PERFORM A PRESCRIBED BURN. IN JUNE HAVE A QUALIFIED PROFESSIONAL ASSESS PLANTINGS. IF A PRESCRIBED BURN CAN NOT BE UTILIZED, NATIVE PLANTINGS SHALL BE CUT TO THE GROUND AND ALL CUT MATERIAL SHALL BE REMOVED AND DISPOSED OF OFF SITE.

REVISIONS

1	PERMIT SUBMITTAL	06/06/24		
2	PER PZ REVIEW	08/15/24		

LANDSCAPE GENERAL NOTES & DETAILS

REG. JOB No.	5129.00-11	SHEET	L-3
DATE	3/11/24	OF	L-3
SCALE	VARIABLES		

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