

## GENERAL NOTES:

- COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND ORDINANCES FOR ALL WORK AND OPERATIONS.
- SURVEY AND BASE PLAN INFORMATION PROVIDED BY ROAKE AND ASSOCIATES, INC., DATED 12/17/2018.
- BEFORE SUBMITTING A PROPOSAL FOR THIS WORK, THE CONTRACTOR SHALL VISIT THE PREMISES AND ACQUAINT HIMSELF FULLY WITH THE EXISTING CONDITIONS, TEMPORARY CONSTRUCTION REQUIRED, QUANTITIES AND TYPES OF EQUIPMENT REQUIRED, ETC. ANY BID SHALL INCLUDE ALL SUMS REQUIRED TO DO THE WORK WITHIN THE EXISTING CONDITIONS. DESCRIPTION OF NORMAL ACTIVITIES IN THE WORK AREA MUST BE KEPT TO A MINIMUM.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION, DIMENSIONS, AND ELEVATIONS FOR CONFORMANCE WITH THE DRAWINGS. ALL DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE AOR AND LA.
- COORDINATE WITH THE ARCHITECTURAL DRAWINGS FOR ALL BUILDING ELEMENTS NOT SHOWN IN THESE DRAWINGS, ETC.
- THE LANDSCAPE ARCHITECTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THE CIVIL, ARCHITECTURAL, AND OTHER DISCIPLINES' DRAWINGS. ALL DIMENSIONS, ELEVATIONS, DETAILS, BUILDING COMPONENTS, ETC. ARE TO BE CHECKED AGAINST ALL DOCUMENTS AS WELL AS THE PROJECT SPECIFICATIONS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE AOR AND LA IMMEDIATELY, AND RESOLVED PRIOR TO PROCEEDING WITH CONSTRUCTION. CONTRACTOR TO COORDINATE THE WORK OF ALL TRADES AND MAKE NECESSARY INVESTIGATIONS AND FIELD MEASUREMENTS.
- SHOP DRAWINGS PREPARED BY THE CONTRACTOR AND/OR HIS SUPPLIERS SHALL BE REVIEWED BY THE AOR AND LA ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT. NO WORK SHALL BE STARTED WITHOUT SUCH REVIEW.
- CONTRACTOR SHOP DRAWINGS PREPARED BY SUPPLIERS AND/OR SUBCONTRACTORS SHALL BE REVIEWED BY THE CONSTRUCTION MANAGER PRIOR TO SUBMISSION TO THE AOR AND LA.
- CONTRACTOR SHOP DRAWINGS SUBMITTED PRIOR TO PERMIT RECEIPT ARE SUBJECT TO CHANGE. ADDITIONAL SERVICES FOR SUBSEQUENT REVIEW BY THE AOR AND LA, WILL BE PAID BY THE GC, AT NO COST TO THE OWNER.
- PRIOR TO THE COMMENCEMENT OF ANY INDIVIDUAL SCOPE OF WORK, CONVEIVE A PRE-CONSTRUCTION CONFERENCE WITH AOR, LA, CONTRACTOR AND ANY ASSOCIATED AND RELEVANT DESIGN TEAM MEMBERS, SUBCONTRACTORS AND AHJ TO REVIEW WORK SCOPE, SCHEDULE AND TO REVIEW Q&A BY DESIGN TEAM, AHJ AND CONTRACTORS. CONTRACTOR TO PROVIDE MINIMUM 5 BUSINESS DAY NOTICE FOR ALL MEETINGS.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO COMPLETE WORK SCOPE AT NO COST TO OWNER.
- FOLLOW ALL LOCAL AND STATE STANDARDS, INCLUDING APPLICABLE APB STANDARDS FOR WORK WITHIN THE RIGHT-OF-WAY. SUBMIT PLAN OF CONSTRUCTION STAGING FOR APPROVAL PRIOR TO START OF WORK.
- IF WORK REQUIRES SIDEWALK OR STREET CLOSURE, CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY WORK AND MATERIALS TO DO SO.
- MODIFY AND RESTORE SITE CONDITIONS TO GAIN ACCESS INTO THE SITE. OWNER NOT RESPONSIBLE FOR RESTORATION COSTS DUE TO CONTRACTOR NEGLIGENCE DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACCURATELY DOCUMENT THE EXISTING CONDITIONS OF THE SITE.
- VERIFY THE EXACT LOCATIONS OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO THE START OF LANDSCAPE OPERATIONS. CONTRACTOR TO MAKE EVERY EFFORT POSSIBLE TO LOCATE ALL PRIVATE UTILITIES. CONTRACTOR TO ALSO BE RESPONSIBLE FOR MAINTAINING ALL UTILITY LOCATIONS AS MARKED BY THE UTILITY COMPANIES AND OWNER'S REPRESENTATIVE THROUGHOUT THE DURATION OF LANDSCAPE CONSTRUCTION.
- BEFORE ANY EXCAVATION ON THE SITE, CALL TO LOCATE ANY EXISTING UTILITIES ON THE SITE. BECOME FAMILIAR WITH THE LOCATIONS OF ALL BURIED UTILITIES IN THE AREAS OF WORK BEFORE START OPERATIONS. REPAIR OR REPLACE ANY BURIED CONDUITS, CABLES OR PIPING DAMAGED DURING THE INSTALLATION OF THE WORK, AT NO COST TO OWNER.
- REMOVE FROM THE SITE IN A LEGAL MANNER ANY AND ALL DEBRIS GENERATED DURING CONSTRUCTION OPERATIONS.
- DO NOT INTERFERE WITH THE USE OF ADJACENT PROPERTIES INCLUDING BUT NOT LIMITED TO BUILDINGS, PARKING LOTS, STREETS OR ALLEYS.
- PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, FENCING, FURNISHINGS, AND PLANTINGS, TREES, AND LAWNS FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUTS, AND OTHER HAZARDS CREATED BY SITE IMPROVEMENTS. IF ANY DAMAGE OCCURS, REPAIR TO ORIGINAL CONDITION AT NO ADDITIONAL COST TO OWNER.
- PROTECT AND/OR RESTORE EXISTING LANDSCAPE TO EXCELLENT CONDITION. CONTRACTOR IS RESPONSIBLE FOR REPLACING ALL LANDSCAPE MATERIAL REMOVED OR DAMAGED DUE TO CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO OWNER.
- VERIFY SITE CONDITIONS BEFORE PROCEEDING WITH WORK AND REPORT ANY CONFLICT WITH AOR AND LA.
- QUANTITIES ARE SHOWN FOR REFERENCE ONLY. ALL QUANTITIES TO BE CONFIRMED BY CONTRACTOR.
- IDENTIFY AND REPORT ANY SUBSOIL, SOIL AND/OR DRAINAGE ISSUES IMMEDIATELY TO THE ATTENTION OF THE AOR AND LA.
- VERIFY ALL DIMENSIONS IN FIELD AND BRING ANY DISCREPANCIES IMMEDIATELY TO THE ATTENTION OF THE AOR AND LA.
- COORDINATE WORK WITH ALL OTHER TRADES.
- RESTORE ANY AREAS IMPACTED BY CONSTRUCTION OPERATIONS WHETHER WITHIN OR OUTSIDE OF PROJECT LIMITS.
- PERFORM ALL MAINTENANCE ACTIVITIES WITHIN THE PROJECT LIMITS THROUGH FINAL ACCEPTANCE.

## HARDSCAPE NOTES:

- PRIOR TO THE COMMENCEMENT OF HARDSCAPE SCOPE OF WORK, CONVEIVE A PRE-CONSTRUCTION CONFERENCE WITH AOR, LA, CONTRACTOR AND ANY ASSOCIATED AND RELEVANT DESIGN TEAM MEMBERS, SUBCONTRACTORS AND AHJ TO REVIEW WORK SCOPE, SCHEDULE AND TO REVIEW Q&A BY DESIGN TEAM, AHJ AND CONTRACTORS. CONTRACTOR TO PROVIDE MINIMUM 5 BUSINESS DAY NOTICE FOR ALL MEETINGS.
- CONFIRM ALL HARDSCAPE QUANTITIES AND DIMENSIONS.
- TRANSITION SMOOTHLY BETWEEN DIFFERENT SLOPES WITHOUT ABRUPT CHANGES IN SLOPE. REFER TO GRADING PLAN.
- COORDINATE REQUIREMENTS OF FOUNDATIONS FOR UTILITIES, LIGHTING, IRRIGATION AND SITE FURNISHINGS SCOPE IN CONJUNCTION WITH ALL HARDSCAPE OPERATIONS.

## SOIL & FERTILIZER/AMENDMENT NOTES:

- CONFIRM ALL SOIL QUANTITIES AND DIMENSIONS.
- EXISTING TOPSOIL SHALL BE STRIPPED OF TURF GRASS AND STOCKPILED FOR REUSE.
- PLANTING SOILS FOR TREES, SHRUBS, AND LANDSCAPE BEDS SHALL BE PLANTING MIXES, AS NOTED BELOW, UTILIZING IMPORTED TOPSOIL & AMENDMENTS.
- PROVIDE IMPORTED TOPSOIL THAT IS FERTILE, FRIABLE AND NATURAL LOAM SURFACE SOIL, REASONABLY FREE OF SUBSOIL, CLAY, CLAY LUMPS, BRUSH, WEEDS, AND OTHER LITTER AND FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIMENSION AND OTHER EXTRANEUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. OBTAIN TOPSOIL FROM LOCAL SOURCES OR FROM AREAS HAVING SIMILAR SOIL CHARACTERISTICS TO THAT NECESSARY FOR VIGOROUS GROWTH OF SPECIFIED PLANTINGS. OBTAIN TOPSOIL THAT OCCURS IN A DEPTH OF NOT LESS THAN 6". DO NOT OBTAIN SOIL FROM BOGS OR MARSHES.
- IF IMPORTED SOILS ARE REQUIRED, SUBMIT SOILS TESTING / ANALYSIS FOR IMPORTED TOPSOIL TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL. SOIL TESTING / ANALYSIS SHALL BE COMPLETED BY A STATE-CERTIFIED SOILS TESTING LABORATORY. LABORATORY & SOILS TESTING / ANALYSIS SHALL PROVIDE: SOIL TEXTURE (PHYSICAL ANALYSIS), pH, ORGANIC MATTER, C, E, C, MACRO-NUTRIENTS, MICRO-NUTRIENTS, SODIUM, AND A SOIL FERTILITY ANALYSIS WITH FERTILIZER / AMENDMENT RECOMMENDATIONS FOR EACH SAMPLE.
- PLANTING MIX FOR TREES, SHRUBS, PERENNIALS, AND GROUDCOVERS SHALL BE BLENDED 3 PARTS IMPORTED TOPSOIL AND 1 PART HIGH QUALITY COMPOST UNO.
- SUBMIT HIGH QUALITY COMPOST PRODUCT DATA / SOURCE INFO TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL. COMPOST SHALL MEET THE US COMPOSTING COUNCIL ST4MECC CRITERIA.
- PLANTING SOILS FOR PROPOSED SOD AREAS SHALL BE IMPORTED AND/OR STOCKPILED, ON-SITE TOPSOIL (REASONABLY FREE OF SUBSOIL, CLAY, CLAY LUMPS, BRUSH, WEEDS, AND OTHER LITTER AND FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIMENSION AND OTHER EXTRANEUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH).
- PRIOR TO PLACEMENT SCARIFY/FRACTURE SUB-GRADE AND VERTICAL EDGES OF PLANTING SOIL EXCAVATIONS TO ALLEVIATE SOILS INTERFACE CONDITIONS.
- TAKE CARE NOT TO OVER-COMPACT PLANTINGS SOILS BEFORE, DURING, OR AFTER PLACEMENT. ONCE PLACED, SOIL PROFILES SHALL BE PROTECTED FROM COMPACTION. SOIL PROFILES AFFECTED BY COMPACTION SHALL BE REMOVED AND REPLACED OR AMENDED IN PLACE UNDER THE REVIEW OF AOR AND LA.
- ONCE PLACED & PROTECTED, ALLOW SOILS TO REST & SETTLE FOR A PERIOD OF 7-10 DAYS. PRIOR TO PLANTING, RESTORE ANY SOIL SETTLEMENT AND/OR EROSION AREAS TO THE GRADES AS SHOWN ON THE DRAWINGS. WHEN RESTORING SOIL GRADES, DO NOT ADD SOIL OVER ROOT BALLS OF PLANTS OR ON TOP OF MULCH.

## IRRIGATION NOTES:

- IRRIGATION SHALL BE DELEGATED DESIGN-BUILD BY OTHERS AS COORDINATED BY OWNER.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING IRRIGATION INSTALLATION WITH ALL OTHER TRADES.
- DELEGATED IRRIGATION SYSTEM TO BE DESIGNED FOR 100% IRRIGATION COVERAGE OF ALL PLANTING BEDS & TURF AS IDENTIFIED BY THE LANDSCAPE ARCHITECT. ZONE SYSTEMS ACCORDINGLY SEPARATING TREE RINGS, PLANTING, AND OTHER AREAS.
- DELEGATED IRRIGATION SYSTEM DESIGN SHALL BE REVIEWED AND APPROVED BY LA PRIOR TO INSTALLATION.
- CONTACT ALL UTILITIES AND GENERAL CONTRACTOR AT LEAST 5 BUSINESS DAYS PRIOR TO START OF CONSTRUCTION OPERATIONS.
- MAINTAIN ALL CODES REQUIRED BY LOCAL AUTHORITIES.
- STATIC PRESSURE READ, PROVIDED BY OTHER UNO. IF PSI IS NOT 75 PSI, NOTIFY AOR, LA AND OWNER.
- COORDINATE ALL SLEEVES AND PENETRATIONS WITH AOR, LA, GENERAL CONTRACTOR, IRRIGATION CONTRACTOR IS RESPONSIBLE FOR BORES, SLEEVES AND/OR PENETRATIONS RELATED TO THE IRRIGATION DESIGN.
- PROVIDE SLEEVING UNDER ROADS, DRIVES, PAVING, WALLS, ETC. SLEEVE WIRE AND PIPING SEPARATELY. COORDINATE AS NECESSARY FOR ZONING REQUIREMENTS. ALL WIRING TO BE SLEEVED IN MIN 2 INCH SLEEVE.
- FIELD ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING CONDITIONS AND/OR AS THE SYSTEM INTERFACES WITH THE PLANTINGS.
- CAP OR PLUG ALL OPENINGS AS SOON AS LINES ARE INSTALLED TO PREVENT DEBRIS IN THE LINE.
- INSTALL ALL PIPING AND FITTINGS USING GLUE METHODS CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS.
- ALL GASKETED PRESSURE PIPE AND FITTINGS SHALL BE THRUST BLOCKED. NO CONCRETE PREFORMED BLOCKS WILL BE ALLOWED.
- THOROUGHLY FLUSH ALL LINES PRIOR TO THE OPERATION OF SPRINKLER HEADS.
- LOCATE BOXES IN PLANTING BEDS WHEREVER POSSIBLE. IF BOXES ARE REQUIRED IN OTHER LANDSCAPE AREAS COORDINATE LOCATIONS WITH AOR AND LA PRIOR TO INSTALLATION. ALIGN ALL BOXES WITH ADJACENT CURBS, WALKS OR WALLS A MINIMUM OF 36 INCHES OFF BACK OF ADJACENT HARDSCAPE EDGE. GROUP BOXES WHEN APPROPRIATE.
- INSTALL WIRES A MIN OF 8 INCHES BELOW FINISHED GRADE. SPLICES ARE NOT ALLOWED IN TRENCH. PROVIDE A 24 INCH EXPANSION LOOP AT EACH CHANGE IN DIRECTION. 5 FEET OF EXCESS DECODER WIRE IS TO BE AT EACH DECODER LOCATION FOR EASE OF ACCESS.
- THE IRRIGATION SYSTEM SHALL BE TESTED AT OPERATING PRESSURE FOR A MIN OF 4 HOURS. REPAIR ALL LEAKS AND RETEST AFTER CURING.
- UPON COMPLETION OF TEST, COMPLETE ASSEMBLY OF ALL EQUIPMENT AND SPRINKLERS FOR PROPER DISTRIBUTION.
- PROVIDE AS BUILT DRAWINGS SHOWING ALL COMPONENTS OF THE SYSTEM AND THEIR FINAL LAYOUT PRIOR TO FINAL PAYMENT. PROVIDE FINAL GPM OF ZONES, WIRE RUNS, HEADS, VALVES, PIPE SIZES, ETC.
- CONTRACTOR IS RESPONSIBLE FOR SYSTEM REPAIRS AND ADJUSTMENT UNTIL SUBSTANTIAL COMPLETION AND FINAL ACCEPTANCE.

## PLANTING NOTES:

- PRIOR TO THE COMMENCEMENT OF PLANTING SCOPE OF WORK, CONVEIVE A PRE-CONSTRUCTION CONFERENCE WITH AOR, LA, CONTRACTOR AND ANY ASSOCIATED AND RELEVANT DESIGN TEAM MEMBERS, SUBCONTRACTORS AND AHJ TO REVIEW WORK SCOPE, SCHEDULE AND TO REVIEW Q&A BY DESIGN TEAM, AHJ AND CONTRACTORS. CONTRACTOR TO PROVIDE MINIMUM 5 BUSINESS DAY NOTICE FOR ALL MEETINGS.
- CONFIRM ALL PLANTING QUANTITIES AND DIMENSIONS. QUANTITIES PROVIDED ARE FOR THE CONVENIENCE OF THE CONTRACTOR. CONTRACTOR TO VERIFY IMPLIED COVERAGE ON THE PLANTING PLANS. CONTRACTOR TO BRING ANY DISCREPANCIES TO THE ATTENTION OF THE LA AT THE TIME OF BID.
- ALL PLANT MATERIAL TO BE INSTALLED IN CONFORMANCE WITH ALL APPLICABLE CODES AND ORDINANCES.
- TAKE GREAT CARE NOT TO DAMAGE NEW TREES OR OTHER PLANT MATERIAL DURING EXCAVATION, PLANTING AND OTHER CONSTRUCTION OPERATIONS.
- ALL PLANT MATERIAL TO BE SPECIMEN QUALITY, WELL MATCHED IN FORM, NURSERY GROWN, SOUND, HEALTHY, VIGOROUS AND FREE OF INSECTS, DISEASE AND INJURIES WITH HABIT OF GROWTH THAT IS TYPICAL FOR THE SPECIES. SIZES SHALL BE EQUAL TO OR GREATER THAN THOSE NOTED ON THE PLANT LISTS). DO NOT PROCEED WITH PLANTING INSTALLATION UNLESS LA HAS APPROVED ALL PLANT MATERIAL. ALL B&B MATERIAL TO BE OBTAINED FROM NURSERIES WITH SIMILAR SOIL CONDITIONS AS THE PROJECT SITE.
- PROVIDE AOR AND LA WITH PLANT LIST AND INTENDED NURSERY SUPPLIERS FOR EACH ITEM TO LA WITHIN 30 DAYS OF AWARD OF CONTRACT. ANY UNAVAILABLE PLANT MATERIAL SHOULD BE NOTED AT THAT TIME. AOR AND LA RESERVES THE RIGHT TO ASSIST IN PLANT SOURCING AS NECESSARY. PROVIDE AOR AND LA WITH SUBSTITUTION LIST IN THE EVENT PROPOSED MATERIALS ARE UNAVAILABLE PRIOR TO PROCUREMENT FOR FINAL REVIEW AND APPROVAL.
- COORDINATE NURSERY SELECTION AND TAGGING WITH AOR AND LA. AOR AND LA RESERVES THE RIGHT TO ACCEPT OR REJECT ANY AND ALL PLANT MATERIAL AS IT RELATES TO THE REQUIREMENTS IN THE SPECIFICATIONS. AOR AND LA RESERVES THE RIGHT TO REJECT PLANT MATERIAL IF DAMAGED OR UNHEALTHY UPON ARRIVAL TO THE PROJECT SITE EVEN AFTER INITIAL APPROVAL.
- PROVIDE IDENTIFICATION TAG FROM THE SUPPLYING NURSERY SHOWING COMMON AND BOTANICAL PLANT NAMES FOR AT LEAST ONE PLANT OF EACH UNIQUE SPECIES DELIVERED TO THE SITE.
- PRIOR TO PLANTING INSTALLATION, VERIFY PLANTING AREAS ARE GRADED AT +/-0.1 FEET TO FINISHED GRADE.
- CONFIRM PLANTING AREAS ARE MIN 4 INCHES BELOW FINISH FLOOR ELEVATION UNO.
- FINISHED GRADE OF PLANTING AREAS TO MEET ADJACENT HARDSCAPES 2 INCHES BELOW ELEVATION OF HARDSCAPES UNO.
- IF PLANTING PITS ARE MACHINE EXCAVATED AND/OR GLAZING IS PRONOUNCED, SCARIFY ALL SIDES.
- REMOVE ALL ROCK AND DEBRIS 1 INCH AND LARGER FROM PLANTING AREAS. LEGALLY DISPOSE ALL EXCESS MATERIALS RESULTING FROM THE WORK.
- WITHIN PLANTING EXCAVATIONS, REMOVE CRUSHED AGGREGATE TO AN ADEQUATE DEPTH TO ENSURE THAT NO PART OF THE PLANT MATERIAL OR FUTURE EXTENTS OF ROOT SYSTEM IS IN CONTACT OR AFFECTED BY THE LIME OR LIMESTONE WITHIN THE AGGREGATE.
- STAKE ALL TREES AND FLAG ALL SHRUB LOCATIONS FOR REVIEW AND APPROVAL BY AOR AND LA PRIOR TO PLANTING. PROVIDE LA WITH A MINIMUM OF 5 BUSINESS DAYS NOTICE PRIOR TO REVIEW.
- SET ALL TREES AND SHRUBS ON TOP OF FINISHED GRADE PER APPROVED STAKED AND FLAGGED LOCATIONS FOR FACING AND FINAL APPROVAL BY AOR AND LA PRIOR TO PLANTING.
- FOR ALL GRASSES, PERENNIALS, GROUNDCOVER AND ANNUALS, SET OUT PLANT MATERIAL ON TOP OF PROPOSED GRADE FOR AOR AND LA REVIEW PRIOR TO PLANTING IN ACCORDANCE WITH PLANTING PLANS. AOR AND LA RESERVE THE RIGHT TO MODIFY THE PLANTINGS AS NEEDED.
- INSTALL ALL PLANT MATERIAL IN ACCORDANCE WITH THE DETAILS AND SPECIFICATIONS.
- REMOVE ALL PLANT TYING MATERIAL AND MARKING TAPES AT THE TIME OF PLANTING. LEAVE AOR AND LA NURSERY SEALS IN PLACE FOR THE DURATION OF THE SPECIFIED WARRANTY PERIOD.
- FOR B&B MATERIAL. REMOVE TOP 1/3 OF METAL CAGE AND BURLAP FROM ROOT BALL AND PROPERLY DISPOSE. DO NOT FOLD DOWN, CAGE MUST BE REMOVED. IMMEDIATELY REPORT ANY DAMAGE TO ROOT BALLS OR PLANTS TO AOR AND LA.
- FOR CONTAINER MATERIAL WHERE APPLICABLE LOOSEN ROOT MASS BY HAND OR IF REQUIRED BY CUTTING (4) 1 INCH DEEP VERTICAL SLITS EVENLY SPACED AROUND ROOT BALL OF PLANT PRIOR TO PLANTING. REPEAT SLITS IN X PATTERN ON BOTTOM OF ROOT MASS.
- ROOT FLARE OF PLANTS TO BE SET 1-2 INCHES ABOVE FINISHED GRADE.
- ROOT FLARE OF PLANTS INSTALLED IMMEDIATELY ADJACENT TO HARDSCAPE TO BE PLANTED NO MORE THAN 1 INCH ABOVE FINISHED GRADE TO ENSURE SMOOTH TRANSITION TO HARDSCAPE.
- FOR PERENNIALS AND GROUNDCOVERS, PLANT 1 INCH ABOVE SOIL PROFILE TO ACCOMMODATE MULCH LAYER.
- DURING BACKFILL OF ALL PLANTS (WITH THE EXCEPTION OF SOD AND SEEDED LAWNS) SUPPLEMENT BACKFILL WITH PLANTING SOIL SUPPLEMENTS/COMPOST AS NOTED HEREIN.
- DO NOT ALLOW AIR POCKETS TO FORM IN SOIL WHILE BACKFILLING.
- TREE STAKING AND GUYING TO BE REVIEWED WITH AOR AND LA WHEN DEEMED NECESSARY PRIOR TO INSTALLATION.
- ALL NEWLY INSTALLED PLANT MATERIAL SHALL BEAR THE SAME RELATIONSHIP TO THE NEW GRADE AS THEY BORE TO NURSERY GRADES UNO.
- WATER AND MAINTAIN PLANT MATERIAL WHILE BEING STORED ON SITE. IMMEDIATELY AFTER PLANTING AND UNTIL FINAL ACCEPTANCE. PROVIDE ALL TEMPORARY WATERING FOR ALL PLANT MATERIAL TO INCLUDE PIPING, HOSES, EQUIPMENT, AND LABOR UNTIL PERMANENT IRRIGATION IS INSTALLED OR UNTIL FINAL ACCEPTANCE OF THE WORK. IF PLANTINGS ARE IN NON-IRRIGATED AREAS, THE CONTRACTOR SHALL SUPPLY AMPLE WATER TO ESTABLISH HEALTHY PLANTINGS DURING THE MAINTENANCE PERIOD. MAINTAIN PLANTINGS BY WATERING AND WEEGING AS REQUIRED. SCHEDULE WATERING TO PREVENT WILTING, PUDDLING, AD EROSION. LAYOUT TEMPORARY IRRIGATION, AS NEEDED, TO AVOID WALKING OVER MUDDY OR NEWLY PLANTED AREAS.
- PROVIDE GALVANIZED STEEL EDGING, OR SPADED 'V' EDGE PER DRAWINGS WHERE MULCHED PLANTING BEDS ABUT TURF AREAS. INSTALL CURVES IN EDGING IN A SMOOTH AND CONTINUOUS LINE AS INDICATED ON THE DRAWINGS.

- THE FINAL GRADE FOR ALL LANDSCAPE AREAS THAT RECEIVE MULCHING SHALL BE SMOOTH AND SLOPED TO DRAIN PRIOR TO INSTALLATION OF THE MULCH MATERIALS. DO NOT USE MULCH TO CREATE A LEVEL FINISHED SURFACE OVER IMPROPERLY SMOOTHED AND UN-GRADED SOIL SURFACES.
- PROVIDE 3 INCH (AFTER SETTLEMENT) OF MULCH OVER ALL PLANTING BEDS UPON COMPLETION OF WORK UNDER THIS CONTRACT. PRUNE AND REPAIR FROM TRUNKS OF TREES AND PLANTS. DO NOT COVER PLANTS WITH MULCH.
- MULCH FOR TREES AND SHRUBS SHALL BE 100% AGED, DOUBLE-SHREDDED HARDWOOD BARK MULCH FREE OF ARTIFICIAL COLOR. SUBMIT 1 GALLON BAG OF DOUBLE-SHREDDED HARDWOOD BARK MULCH FOR REVIEW AND APPROVAL OF LANDSCAPE ARCHITECT.
- MULCH FOR PERENNIALS AND GRASSES SHALL BE 50% AGED, DOUBLE-SHREDDED HARDWOOD BARK MULCH AND 50% PINE BARK FINES FREE OF ARTIFICIAL COLOR. SUBMIT 1 GALLON BAG OF MULCH BLEND FOR REVIEW AND APPROVAL OF LANDSCAPE ARCHITECT.
- SCARIFY & LOOSEN ALL SOILS PRIOR TO PLANT INSTALLATION.
- PRUNING OPERATIONS SHOULD FOLLOW APPLICABLE ANSI STANDARDS UNO. UPON COMPLETION OF WORK UNDER THIS CONTRACT, PRUNE AND REPAIR INJURIES TO ALL PLANTS. LIMIT AMOUNT OF PRUNING TO MINIMUM NECESSARY TO REMOVE INJURED OR DAMAGED BRANCHES, TWIGS AND STEMS AND TO COMPENSATE FOR THE LOSS OF ROOTS AS A RESULT OF TRANSLANTING OPERATIONS. PRUNE IN SUCH A MANNER AS NOT TO CHANGE NATURAL HABIT OR SHAPE UNO.
- DURING PRUNE LIST REVIEW, COORDINATE WITH AOR AND LA TO REVIEW AESTHETIC PRUNING NEEDS FOR PLANTS. AOR AND LA TO MARK (WITH YELLOW RIBBON) OR SELF CONDUCT AESTHETIC PRUNING WITH CONTRACTOR AS PART OF THE SUBSTANTIAL COMPLETION REVIEW.
- WARRANTY ALL PLANT MATERIAL FOR A MIN PERIOD OF 1 YEAR FROM FINAL ACCEPTANCE UNO IN THE SPECIFICATIONS. REMOVE AND REPLACE PLANTS AS DETERMINED BY LA TO BE SIGNIFICANTLY UNHEALTHY OR DEAD PER THE CRITERIA SET FORTH IN THE SPECS. CONDUCT REPLACEMENTS DURING THE APPROPRIATE PLANTING SEASON AS DETERMINED BY THE LOCAL CLIMATE AND INDUSTRY STANDARDS. REPLACEMENTS SHOULD CONFORM TO THE CRITERIA SHOWN AND SPECIFIED. SEE SPECS FOR ALL MAINTENANCE REQUIREMENTS, SIZE, CHARACTER AND FORM OF ALL REPLACEMENTS TO BE SIMILAR TO THE ORIGINAL APPROVED MATERIAL AND APPROVED BY THE AOR AND LA.
- FOR PLANTING DETAILS, SEE DRAWINGS.

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## ISSUANCES

Rev. #	Description	Date Issued
01	PERMIT	04/25/2019
02	PERMIT REVISION	06/06/2019
03	PERMIT REVISION	07/09/2019
04	PERMIT REVISION	07/31/2019



Project No : 8496

Drawn : LR File : 8496\_note.dwg

Checked : MJ Scale : AS NOTED

Approved : BM

Sheet Title:

LANDSCAPE NOTES

Drawing Number:

# LN-01

EXISTING TREE SCHEDULE						
NO.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	TO BE REMOVED	TO BE ROOT PRUNED
<b>INTERIOR TREES</b>						
1	Gleditsia triacanthos	Honeylocust	32"	fair	yes	-
2	Malus spp.	Crabapple	8", 10"	poor	yes	-
3	Gleditsia triacanthos	Honeylocust	30"	good	no	yes
4	Malus spp.	Crabapple	1-6", 3-8", 2-12"	poor	yes	-
5	Tilia spp.	Linden	14"	fair	no	-
6	Quercus palustris	Pin Oak	26"	good	no	yes
7	Tilia spp.	Linden	26"	fair	no	no
8	Acer spp.	Maple	22"	good	no	no
9	Tilia spp.	Linden	32"	good	yes	-
10	Pinus spp.	Pine	20"	fair/poor	yes	-
11	Gleditsia triacanthos	Honeylocust	30"	good	no	yes
12	Gleditsia triacanthos	Honeylocust	34"	good	no	yes
13	Pinus spp.	Pine	28"	fair/poor	yes	-
14	Gleditsia triacanthos	Honeylocust	36"	good	no	yes
15	Crataegus spp.	Hawthorn	13"	poor/fair	yes	-
16	Crataegus spp.	Hawthorn	10", 3-4", 2-6"	poor/fair	yes	-
17	Crataegus spp.	Hawthorn	8", 2-7", 5"	poor/fair	yes	-
18	Acer spp.	Maple	6"	poor	yes	-
19	Gleditsia triacanthos	Honeylocust	27"	good	yes	-
20	Pinus spp.	Pine	20"	dead	yes	-
21	Crataegus spp.	Hawthorn	12", 6"	fair	yes	-
22	Crataegus spp.	Hawthorn	7", 8", 10", 14"	good	yes	-
23	Tilia spp.	Linden	26"	poor	yes	-
24	Acer spp.	Maple	8"	good	yes	-
25	Acer spp.	Maple	5"	good	yes	-
<b>PARKWAY TREES</b>						
26	Ulmus spp.	Elm	6"	good	no	no
27	Fraxinus spp.	Ash	13"	poor/fair	no	no
28	Fraxinus spp.	Ash	14"	poor/fair	no	no
29	Fraxinus spp.	Ash	14"	poor/fair	no	no

NOTE:  
ALL EXISTING TREES NOTED AS TO REMAIN (WITH THE EXCEPTION OF PARKWAY TREES) SHALL BE CANOPY PRUNED BY A QUALIFIED TREE SERVICE.  
ROOT PRUNING SHALL BE PERFORMED BY A QUALIFIED TREE SERVICE FIRM PER EXISTING TREE SCHEDULE AND SEQUENCED IN COORDINATION WITH CONTRACTOR.

### TOPSOIL STRIPPING AND STOCKPILING NOTES:

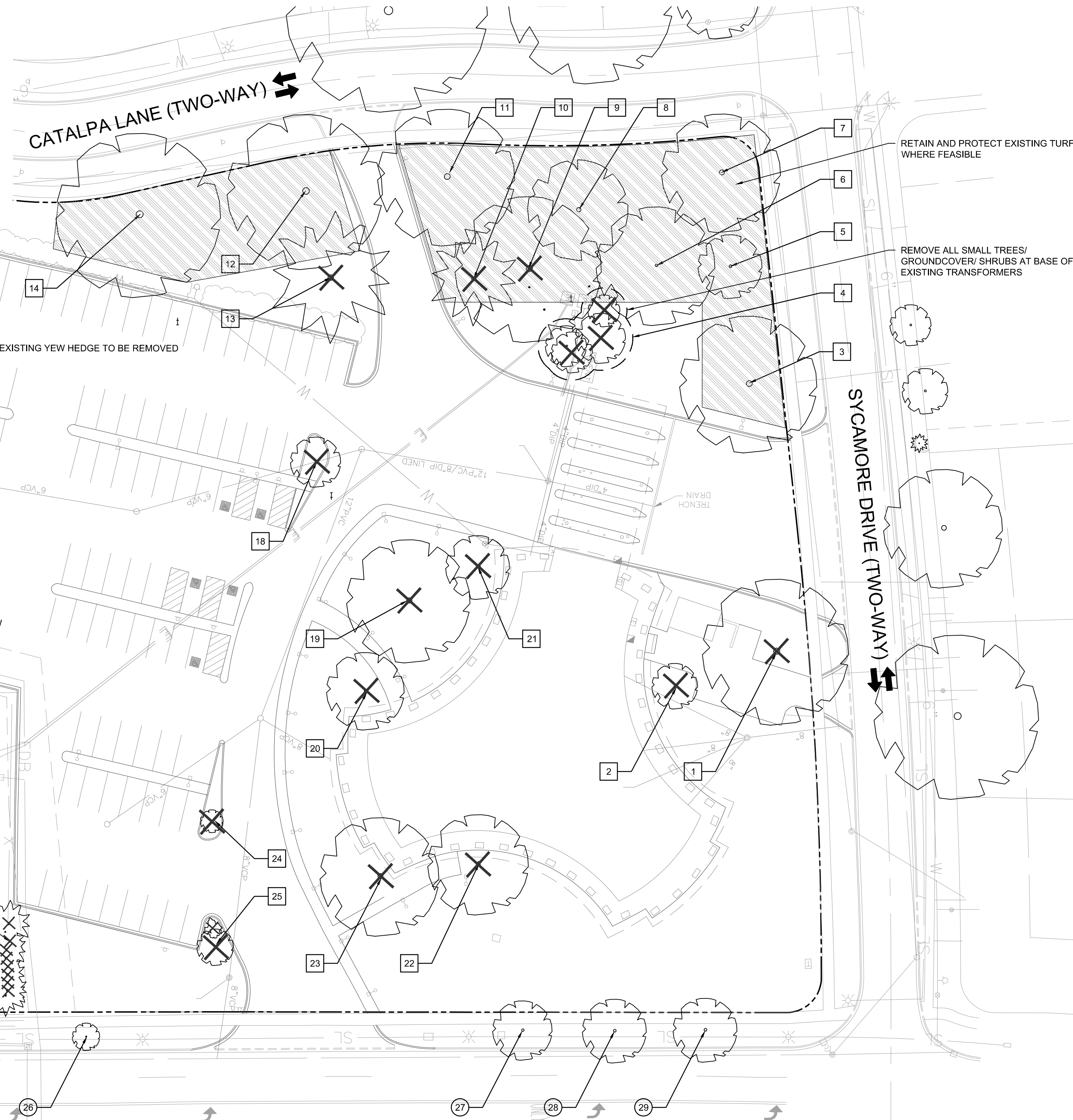
- STRIP TOPSOIL ONLY FROM THOSE AREAS WHICH WILL BE DISTURBED BY EXCAVATION, FILLING OR OTHER CONSTRUCTION ACTIVITIES. MINIMIZE THE EXTENT OF DISTURBANCE ACTIVITIES TO MINIMIZE IMPACTS TO SOIL OUTSIDE THE PROJECT LIMITS.
- MITIGATE CONSTRUCTION-RELATED SOIL COMPACTION IN VEGETATION RESTORATION AREAS. MEANS OF MITIGATION TO BE APPROVED BY LANDSCAPE ARCHITECT.
- STOCKPILE TOPSOIL IN MOUNDS NO HIGHER THAN 4 FEET HIGH. COVER TO PREVENT SOIL EROSION AND CONTAMINATION BY WEEDS.

### PLANTING PROTECTION AND REMOVAL NOTES:

- PRIOR TO THE COMMENCEMENT OF PLANTING PROTECTION AND REMOVAL SCOPE OF WORK, CONVENE A PRE-CONSTRUCTION CONFERENCE WITH AOR, LA, CONTRACTOR AND ANY ASSOCIATED AND RELEVANT DESIGN TEAM MEMBERS, SUBCONTRACTORS AND AHJ TO REVIEW WORK SCOPE, SCHEDULE AND TO REVIEW OAA BY DESIGN TEAM, AHJ AND CONTRACTORS. CONTRACTOR TO PROVIDE MINIMUM 5 BUSINESS DAY NOTICE FOR ALL MEETINGS.
- CONFIRM ALL PLANTING REMOVAL AND PROTECTION QUANTITIES AND DIMENSIONS.
- INSTALL PLANT PROTECTION FENCING PRIOR TO SITE WORK AND MAINTAIN THROUGHOUT CONSTRUCTION PERIOD. NO STORAGE OF MATERIALS, VEHICULAR ACCESS OR ANY OTHER CONSTRUCTION ACTIVITIES PERMITTED WITHIN THE TREE PROTECTION ZONE UNO.
- ALL PLANT AND SITE PROTECTION FENCING TO BE INSTALLED AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO HARDSCAPE DEMOLITION AND/OR CONSTRUCTION OPERATIONS.
- ADJUST PLANT PROTECTION FENCING AS NEEDED THROUGHOUT CONSTRUCTION OPERATIONS TO PROTECT CRITICAL ROOT ZONES OF ALL TREES.
- MARK ALL ROOT PRUNING LOCATIONS PRIOR TO EXECUTION FOR REVIEW AND APPROVAL BY LA.
- PROVIDE TEMPORARY IRRIGATION FOR ALL EXISTING PLANT MATERIAL AND MAINTAIN THROUGHOUT CONSTRUCTION OPERATIONS. PROVIDE IN SUCH A MANNER AS TO NOT IMPACT EXISTING ROOT SYSTEMS OF PLANT MATERIAL.
- REMOVE ALL EXISTING TREE AND SHRUB STUMPS AND ROOTS THAT IMPACT WORK. GRIND OUT STUMPS TO A MINIMUM DEPTH OF 18". BRING TO FINISH GRADE PRIOR TO COMPLETION OF WORK.
- REMOVE MULCH, LAWN, AND PLANTING BEDS AND EXCAVATE EARTH TO COORDINATE WITH GRADING, EARTHWORK AND SITE IMPROVEMENTS.
- FOR TREE PROTECTION DETAILS, SEE SHEET(S) LP-02.

### LEGEND

- PROPERTY LINE
- [Hatched Box] LIMIT OF TREE PROTECTION FENCING, TO BE 4'H TEMPORARY CHAINLINK
- [Tree Symbol] EXISTING DECIDUOUS TREE, PROTECT TO REMAIN
- [Tree Symbol with X] EXISTING DECIDUOUS TREE, TO BE REMOVED
- [Tree Symbol with Star] EXISTING CONIFEROUS TREE, TO BE REMOVED
- [18 in Box] EXISTING INTERIOR TREE CALLOUT
- [26 in Box] EXISTING PARKWAY TREE CALLOUT



# THE SHOPPES ON WASHINGTON

1001 S. Washington Street, Naperville, IL 60540

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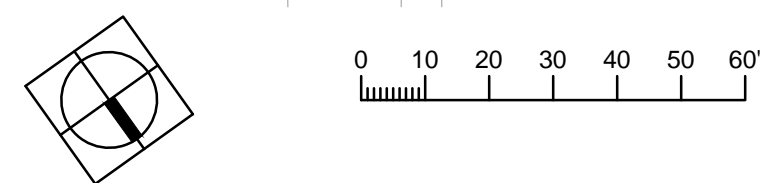
**ISSUANCES**

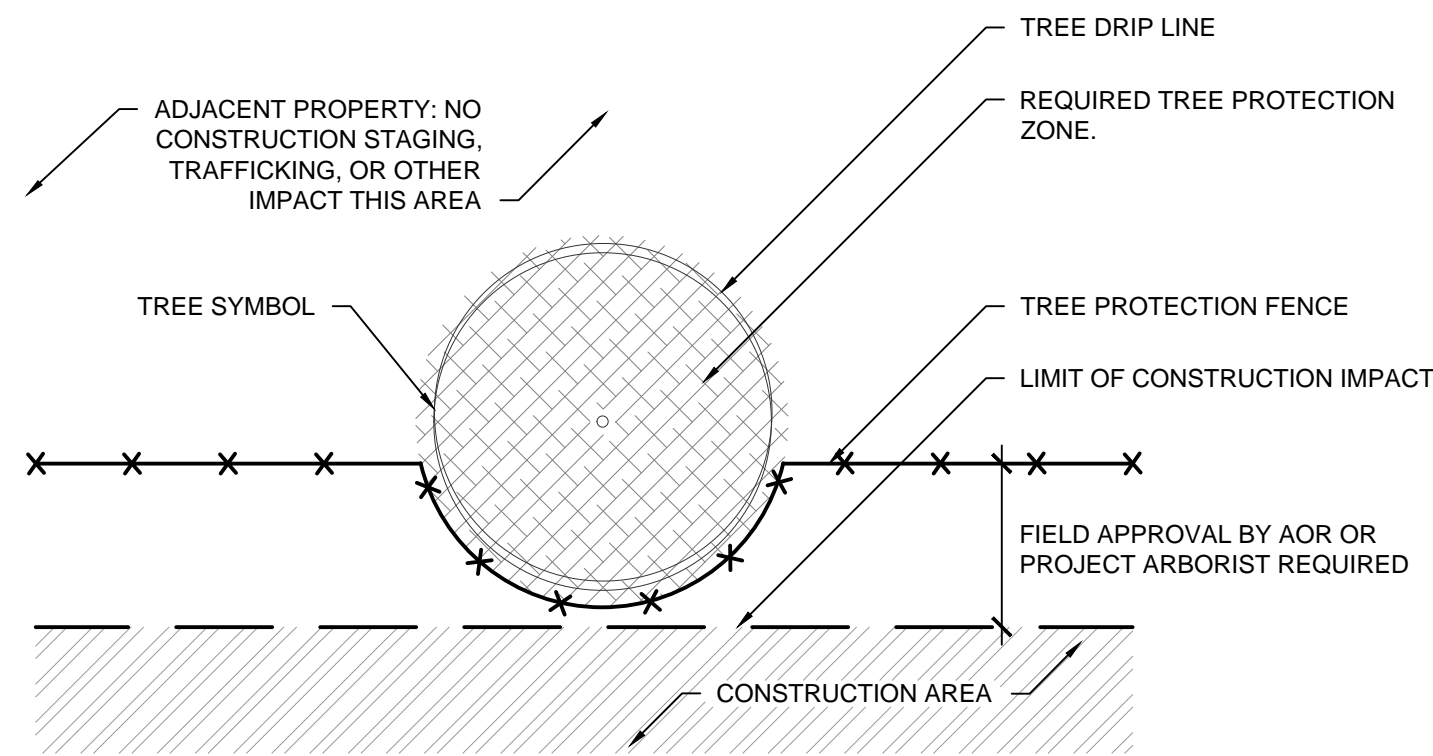
Rev. #	Description	Date Issued
01	PERMIT	04/25/2019
02	PERMIT REVISION	06/06/2019
03	PERMIT REVISION	07/09/2019
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Project No : 8496  
 Drawn : LR File : 8496\_plnt\_demo.dwg  
 Checked : MJ Scale : AS NOTED  
 Approved : BM

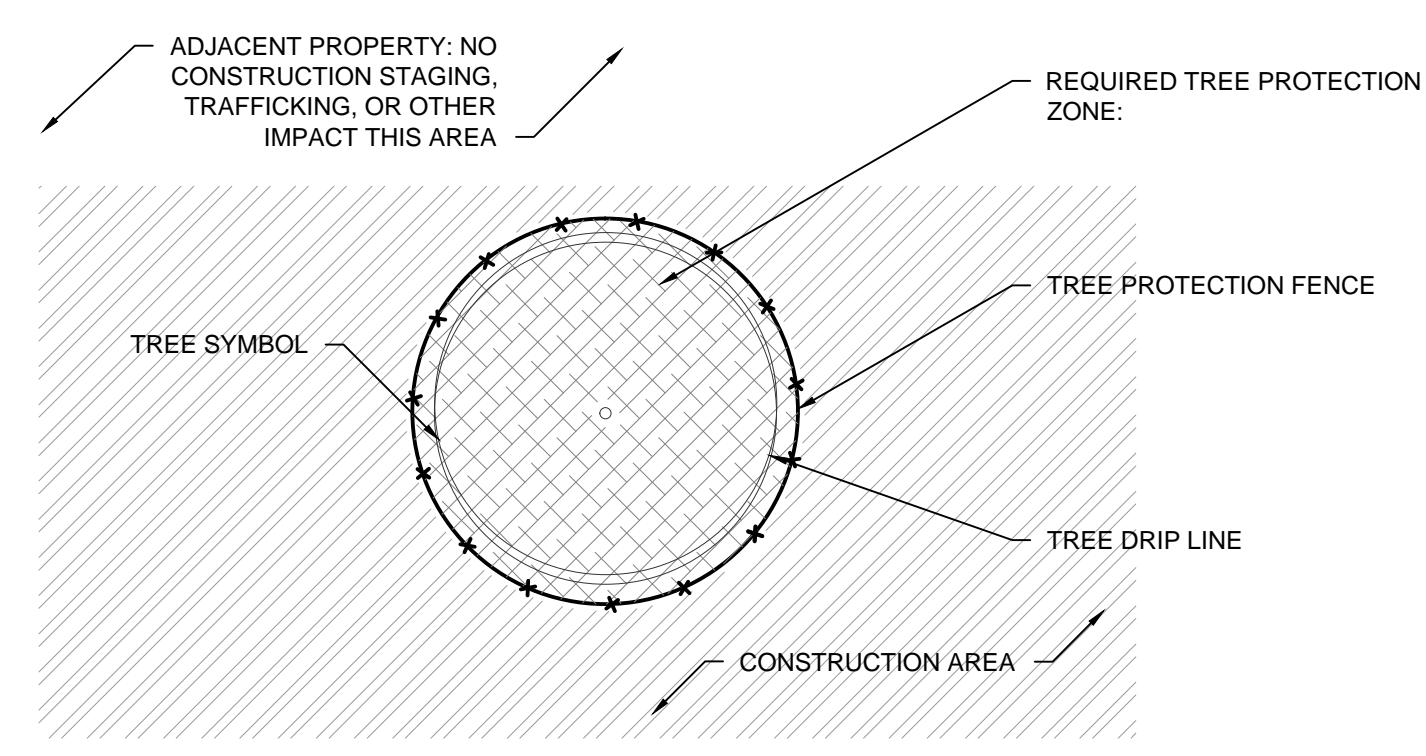
Sheet Title:  
**LANDSCAPE PRESERVATION AND REMOVAL PLAN**

Drawing Number:

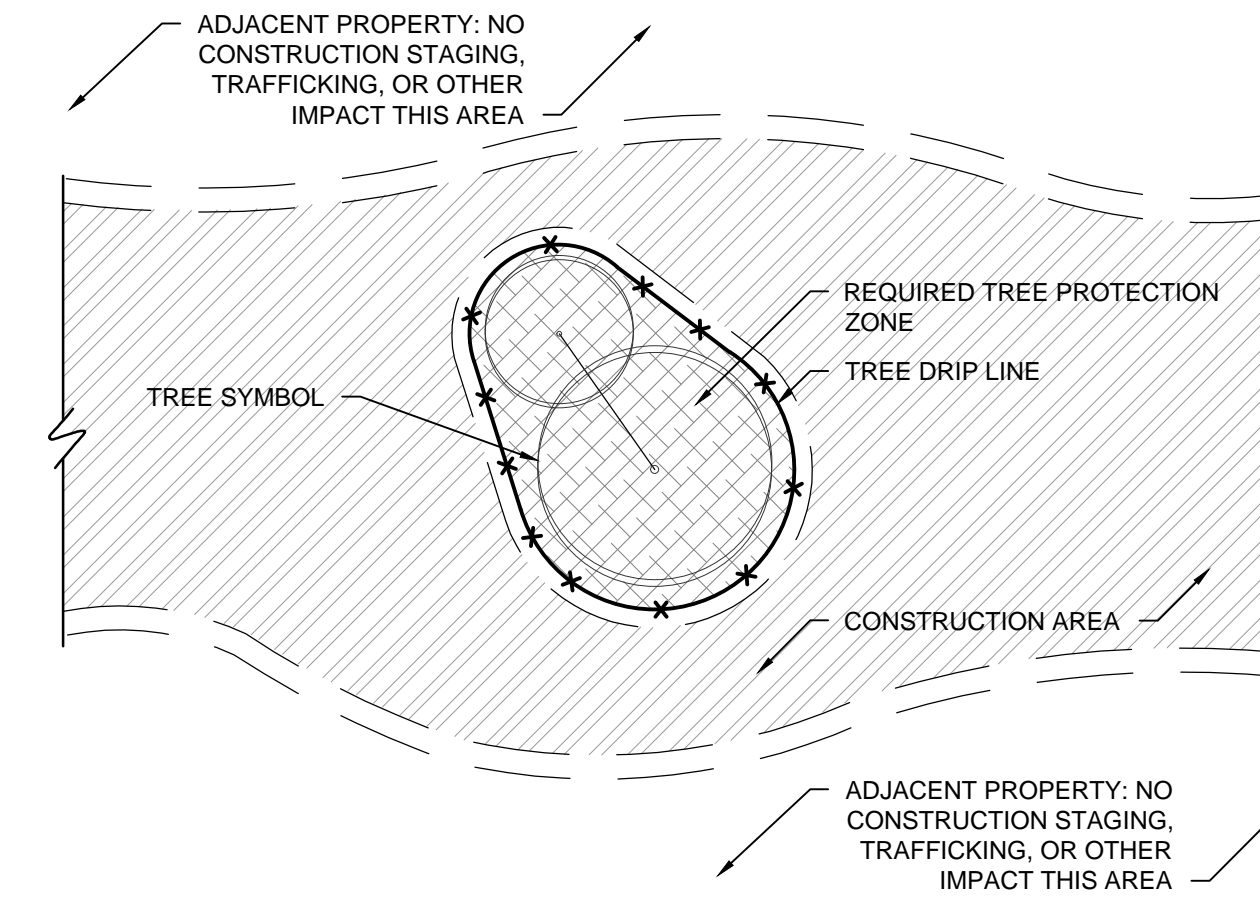




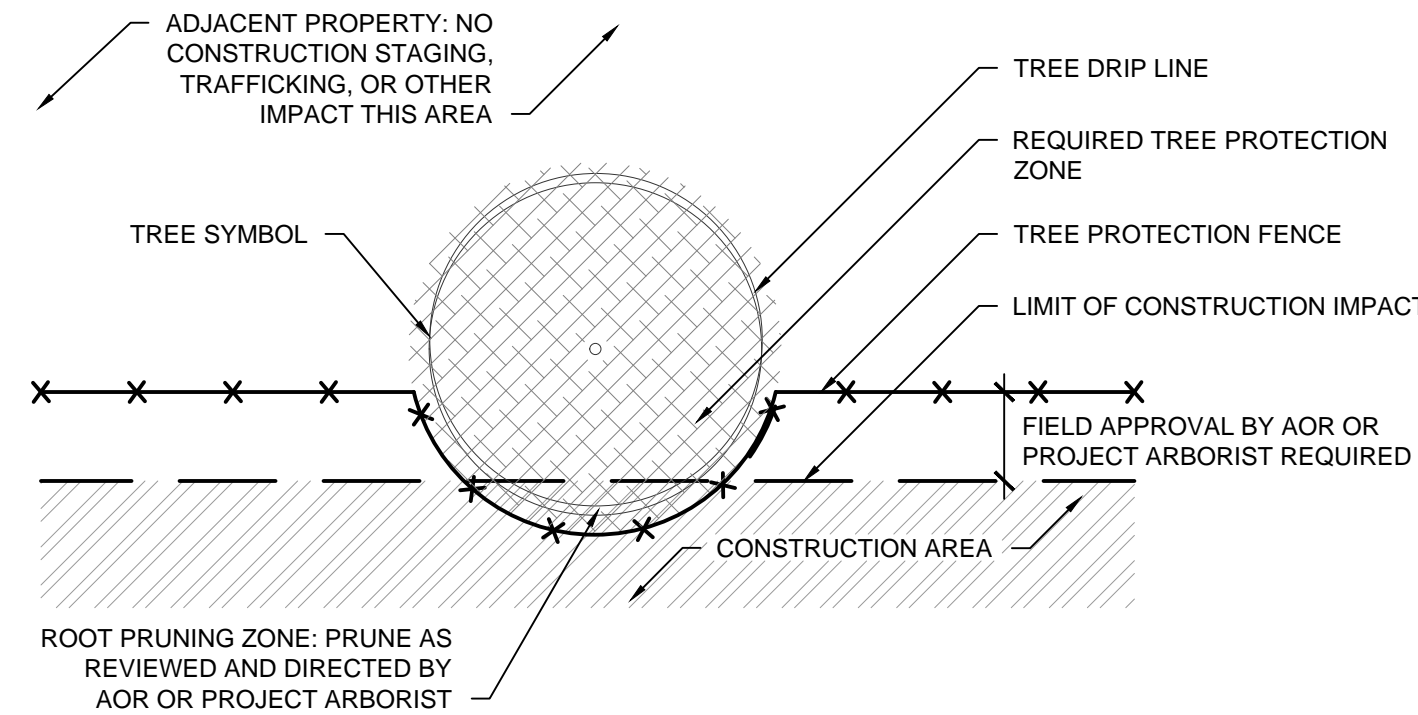
1A TREE PROTECTION FENCE INTERSECTS PROPERTY LIMIT; NO ROOT PRUNING REQUIRED PLAN NOT TO SCALE



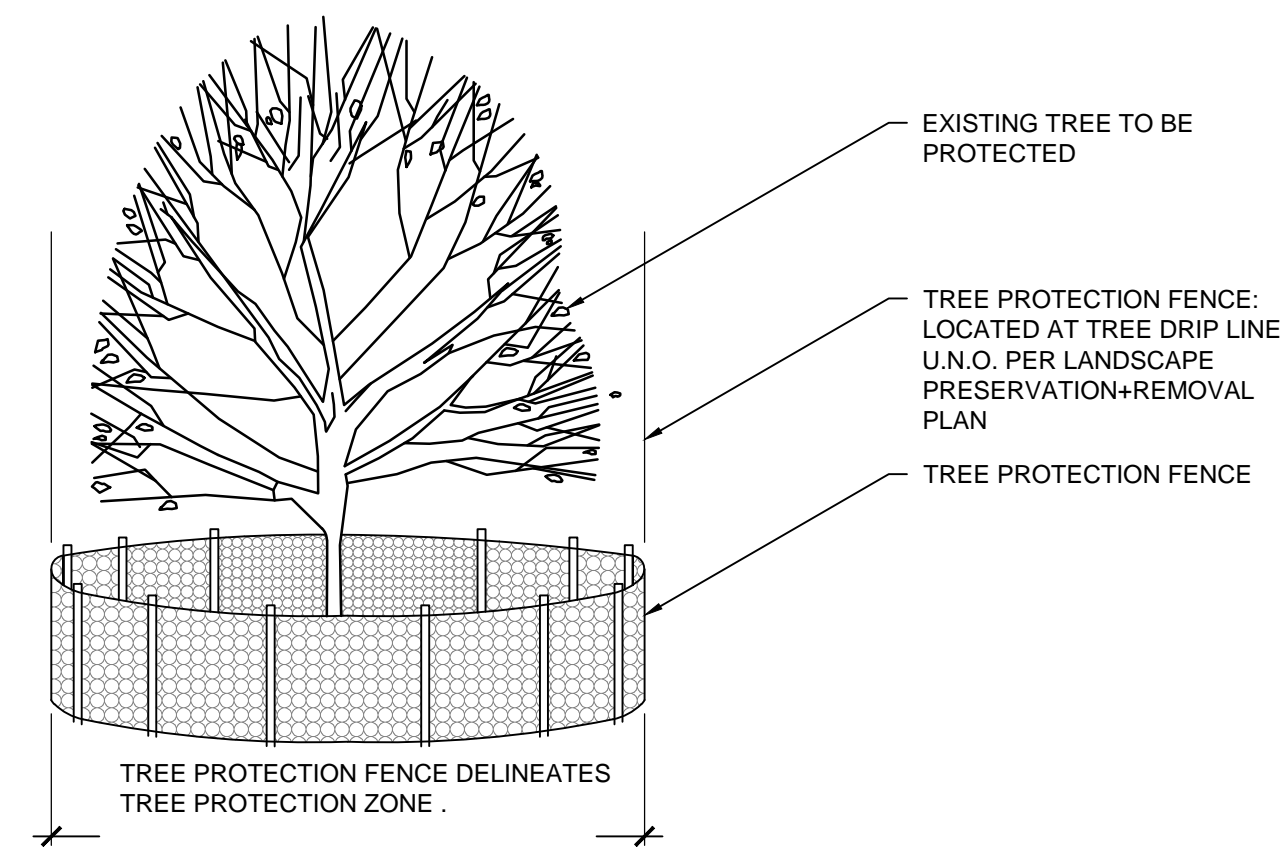
2A TREE PROTECTION ENTIRELY WITHIN CONSTRUCTION AREA PLAN NOT TO SCALE



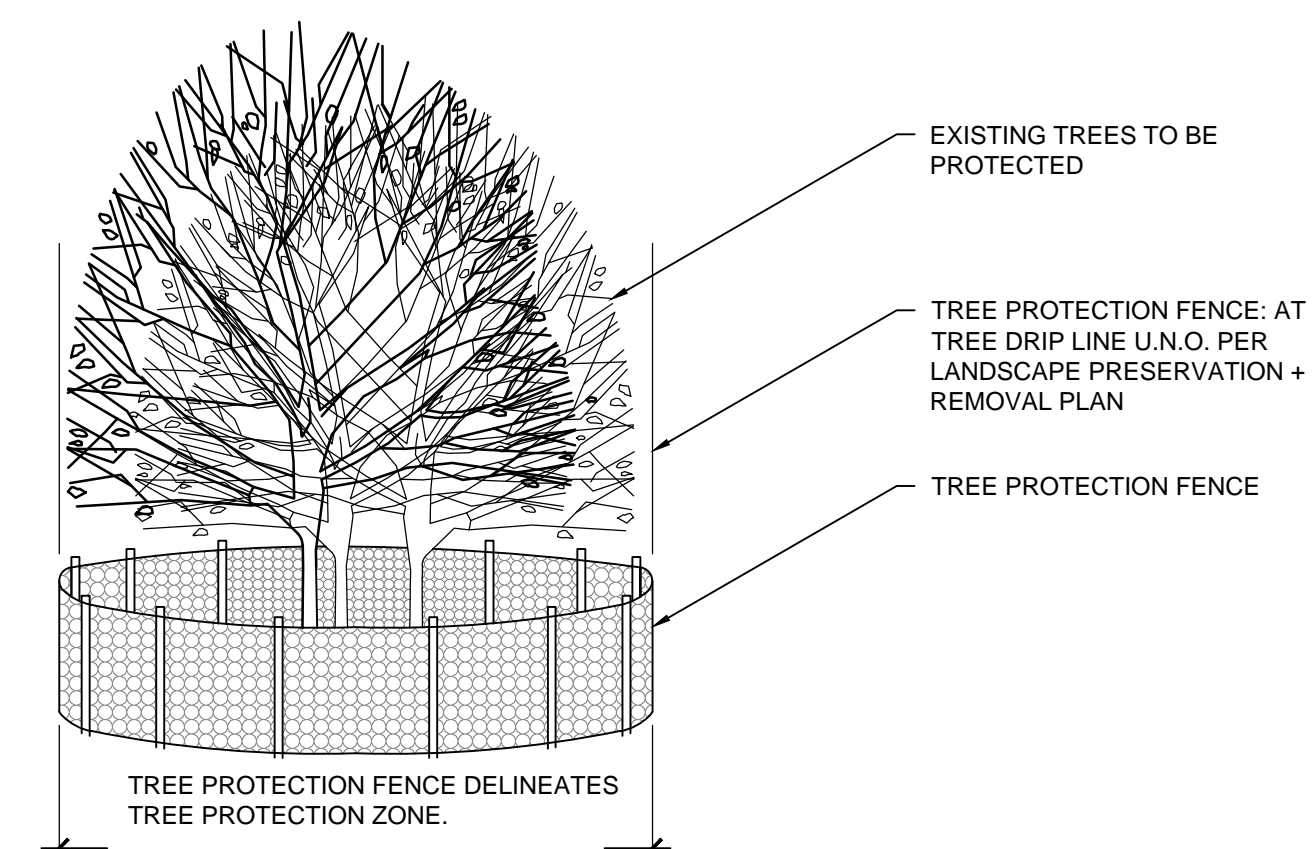
3A GROUP TREE PROTECTION ENTIRELY WITHIN CONSTRUCTION AREA PLAN NOT TO SCALE



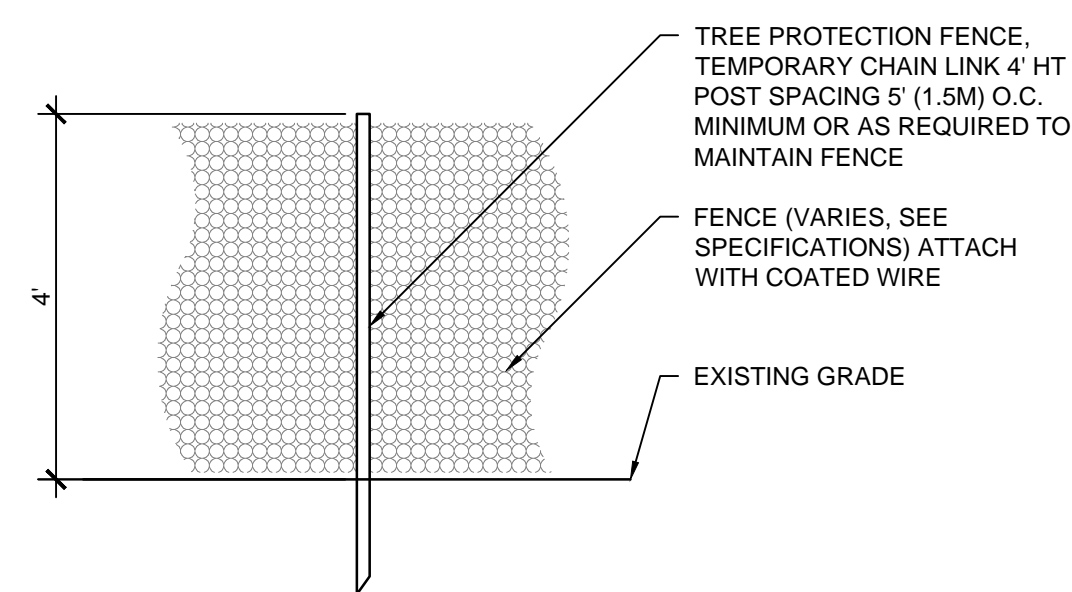
1B TREE PROTECTION FENCE INTERSECTS PROPERTY LIMIT; ROOT PRUNING REQUIRED PLAN NOT TO SCALE



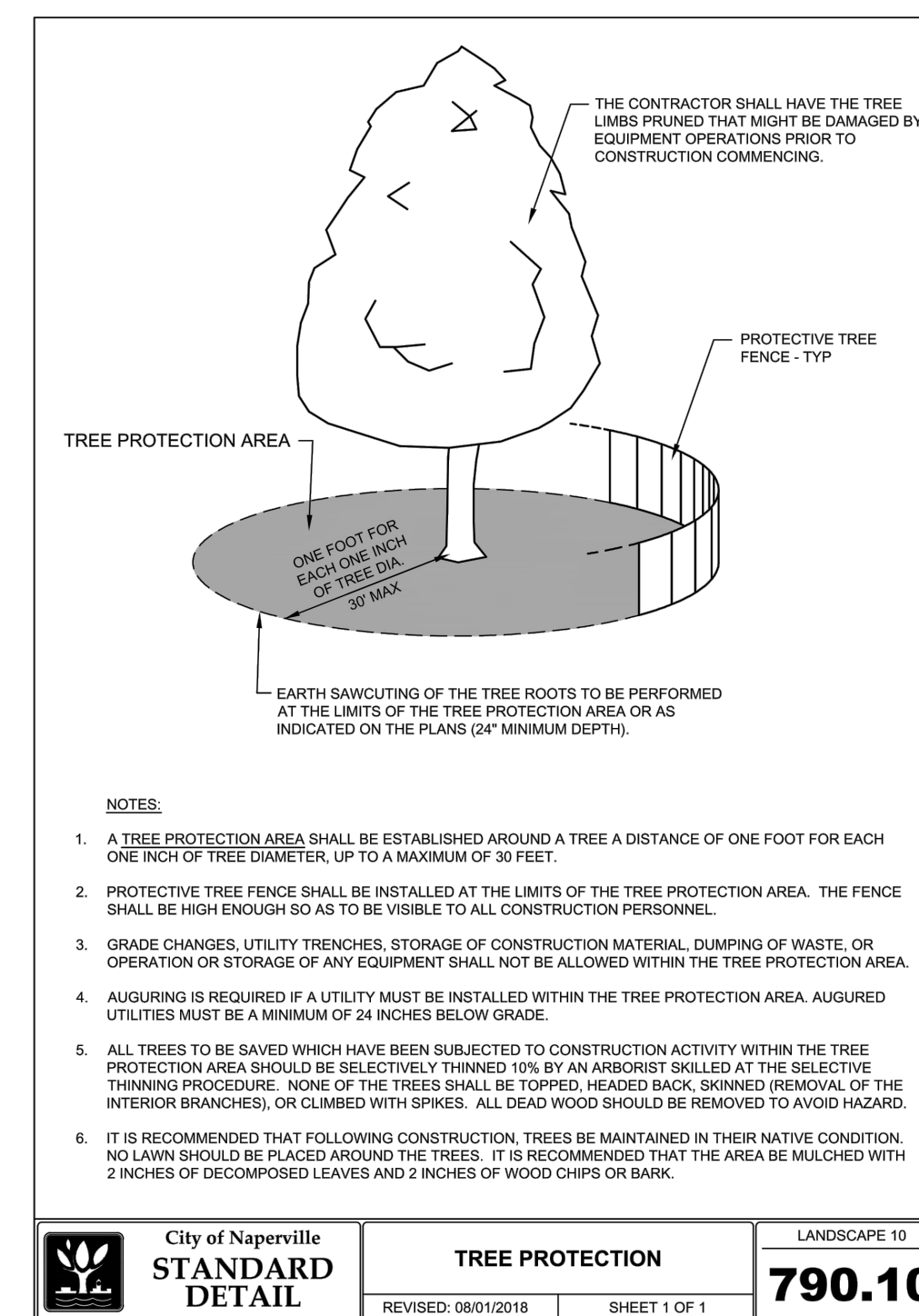
2B TREE PROTECTION ENTIRELY WITHIN CONSTRUCTION AREA ELEVATION NOT TO SCALE



3B GROUP TREE PROTECTION ENTIRELY WITHIN CONSTRUCTION AREA ELEVATION NOT TO SCALE



4 TREE PROTECTION FENCE NOT TO SCALE

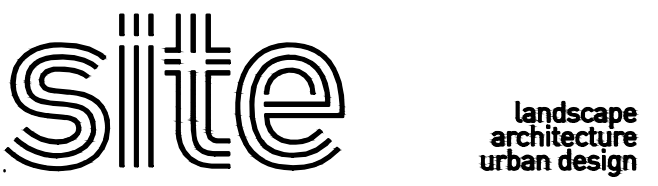


5 CITY OF NAPERVILLE TREE PROTECTION DETAIL NOT TO SCALE

City of Naperville <b>STANDARD DETAIL</b>	<b>TREE PROTECTION</b> REVISED: 06/01/2016	LANDSCAPE 10 <b>790.10</b>
	SHEET 1 OF 1	

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28278

Rev. #	Description	Date Issued
01	PERMIT	04/25/2019
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03	PERMIT REVISION	07/09/2019
04	PERMIT REVISION	07/31/2019

Project No : 8496  
 Drawn : LR File : 8496\_dett\_demo.dwg  
 Checked : MJ Scale : AS NOTED  
 Approved : BM

Sheet Title:  
**TREE PROTECTION DETAILS**

Drawing Number:

LP-02

**ADD ALTERNATE 1:**

- IN LIEU OF CONCRETE SIDEWALK, PROVIDE AND INSTALL CONCRETE UNIT PAVERS WITH AGGREGATE SUBBASE. BASIS OF DESIGN: IL CAMPO PAVERS AS SUPPLIED BY UNILOCK. PAVES SIZE, COLOR AND LAYOUT TO BE DETERMINED BY LANDSCAPE ARCHITECT.

**LEGEND**

- PROPERTY LINE
- 4TH ORNAMENTAL METAL FENCE
- [Pattern] STABILIZED DECOMPOSED AGGREGATE
- [Pattern] PREMIUM HARDWOOD MULCH
- [Pattern] CONCRETE SIDEWALK, REFER TO CIVIL
- [Pattern] ORNAMENTAL GRASSES / PERENNIALS / GROUNDCOVERS W/ PREMIUM HARDWOOD MULCH
- [Pattern] SOD
- [Pattern] IDOT CLASS 3 NORTHERN ILLINOIS SLOPE SEED MIXTURE AND EROSION CONTROL BLANKET
- [Symbol] EXISTING TREE
- [Symbol] SHADE TREE
- [Symbol] ORNAMENTAL TREE
- [Symbol] SHRUBS
- [Symbol] FREESTANDING PLANTERS
- [Symbol] HOSE BIBB REFER TO MEP
- [Symbol] LIGHT POLE REFER TO MEP, CIVIL
- [Symbol] BIKE RACK

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**NAPERVILLE LANDSCAPE REQUIREMENTS SUMMARY:**

- PARKWAY LANDSCAPING:**
- FINE GRADED AND PLANTED WITH SOD
  - TREES SPACED MAX. 40' O.C.; 2.5" CAL.; NO MORE THAN 5 TREES OF SAME SPECIES IN A ROW
  - 30' LINE-OF-SIGHT TRIANGLES AT INTERSECTIONS
- PERIMETER LANDSCAPING:**
- SOD OR PLANTING
  - TREES SPACED MAX. 70' O.C.; 2.5" CAL.
- PERIMETER PARKING LOT LANDSCAPING:**
- MIN. 5' WIDE LANDSCAPE BUFFER
  - MIN. 30" HEIGHT, CONTINUOUS PLANTING; 4' O.C.
- INTERIOR PARKING LOT LANDSCAPING:**
- MIN. 8' WIDTH ISLANDS (B.O.C. TO B.O.C.)
  - MIN 130 SF PER ISLAND
  - EACH ISLAND REQUIRES (1) 2.5" CAL. SHADE TREE AND MIN. 50% PLANTINGS (NOT TO EXCEED 30" HEIGHT; NO THORNS)
- NOTE TO REVIEWER:**
- ALL LANDSCAPE PLANTS COMPLY WITH THE SEPARATION DISTANCES FROM UTILITY SERVICES - STRUCTURES AS REQUIRED BY THE NAPERVILLE CODE OF ORDINANCES: SUBSECTION 5-10-3.

**ISSUANCES**

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Project No : 8496

Drawn : LR File : 8496\_sld.dwg

Checked : MJ Scale : AS NOTED

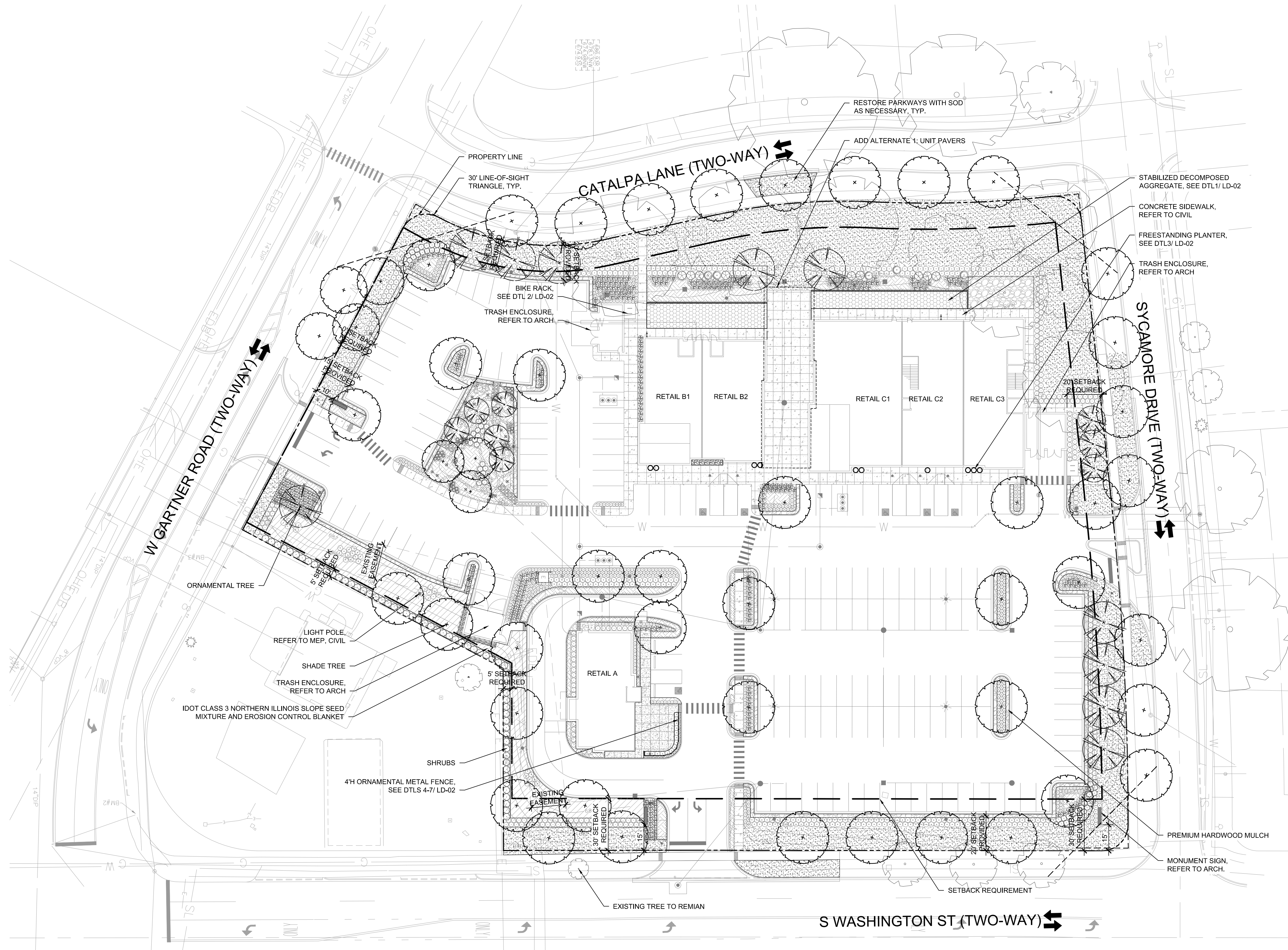
Approved : BM

Sheet Title:

**OVERALL LANDSCAPE PLAN (FOR REFERENCE ONLY)**

Drawing Number:

**LA-01**



**1 OVERALL LANDSCAPE PLAN (FOR REFERENCE ONLY)**  
1" = 30'-0"

CODE	QTY	BOTANICAL NAME	COMMON NAME	ROOT	SIZE	REMARKS
<b>SHADE TREES</b>						
AC.MI	6	<i>Acer miyabei</i> 'Morton'	State Street Maple	B&B	2.5" cal	matching heads
CA.SP	4	<i>Catalpa speciosa</i>	Northern Catalpa	B&B	2.5" cal	matching heads
CE.OC	8	<i>Celtis occidentalis</i>	Hackberry	B&B	2.5" cal	matching heads
GI.BI	3	<i>Ginkgo biloba</i> 'Princeton Sentry'	Princeton Sentry Ginkgo	B&B	2.5" cal	male only
GL.TR	5	<i>Gleditsia triacanthos</i> var. <i>inermis</i> 'Shademaster'	Shademaster Thornless Honey Locust	B&B	2.5" cal	matching heads
GY.DI	4	<i>Gymnocladus dioica</i> 'Espresso'	Espresso Kentucky Coffeetree	B&B	2.5" cal	matching heads
PL.AC	4	<i>Platanus acerifolia</i> 'Morton Circle'	Exclamation London Planetree	B&B	2.5" cal	matching heads
QU.BI	4	<i>Quercus bicolor</i>	Swamp White Oak	B&B	2.5" cal	matching heads
TA.DI	3	<i>Taxodium distichum</i> 'Shawnee Brave'	Shawnee Brave Baldcypress	B&B	2.5" cal	matching heads
TI.AM	4	<i>Tilia americana</i> 'Redmond'	Redmond American Linden	B&B	2.5" cal	matching heads
UL.NH	4	<i>Ulmus</i> 'New Horizon'	New Horizon Elm	B&B	2.5" cal	matching heads
UL.TR	4	<i>Ulmus</i> 'Triumph'	Triumph Elm	B&B	2.5" cal	matching heads
<b>ORNAMENTAL TREES</b>						
AM.GR	3	<i>Amelanchier x grandiflora</i> 'Autumn Brilliance'	Autumn Brilliance Autumn Brilliance	B&B	8' ht	multistem
BE.NI	5	<i>Betula nigra</i> 'Heritage'	Heritage River Birch	B&B	10' ht	multistem
CO.MA	4	<i>Cornus mas</i> 'Golden Glory'	Golden Glory Cornelian Cherry Dogwood	B&B	8' ht	multistem
CR.CR	3	<i>Crataegus crus-galli</i> var. <i>inermis</i>	Thornless Cockspur Hawthorn	B&B	8' ht	multistem
MA.SA	1	<i>Malus sargentii</i>	Sargent Crabapple	B&B	8' ht	multistem
<b>SOD</b>						
--	--	--	Black Beauty Fescue Sod. Contractor to verify final quantities as needed.	--	--	minimize visible seam, pin to slope with staples, roll

**LEGEND**

- PROPERTY LINE
- 4TH ORNAMENTAL METAL FENCE
- [Pattern] STABILIZED DECOMPOSED AGGREGATE
- [Pattern] PREMIUM HARDWOOD MULCH
- [Pattern] CONCRETE SIDEWALK, REFER TO CIVIL
- [Pattern] ORNAMENTAL GRASSES / PERENNIALS / GROUNDCOVERS W/ PREMIUM HARDWOOD MULCH
- [Pattern] SOD
- [Pattern] IDOT CLASS 3 NORTHERN ILLINOIS SLOPE SEED MIXTURE AND EROSION CONTROL BLANKET
- EXISTING TREE
- SHADE TREE
- ORNAMENTAL TREE
- SHRUBS
- FREESTANDING PLANTERS
- HOSE BIBB REFER TO MEP
- LIGHT POLE REFER TO MEP, CIVIL
- BIKE RACK

**THE SHOPPES ON WASHINGTON**

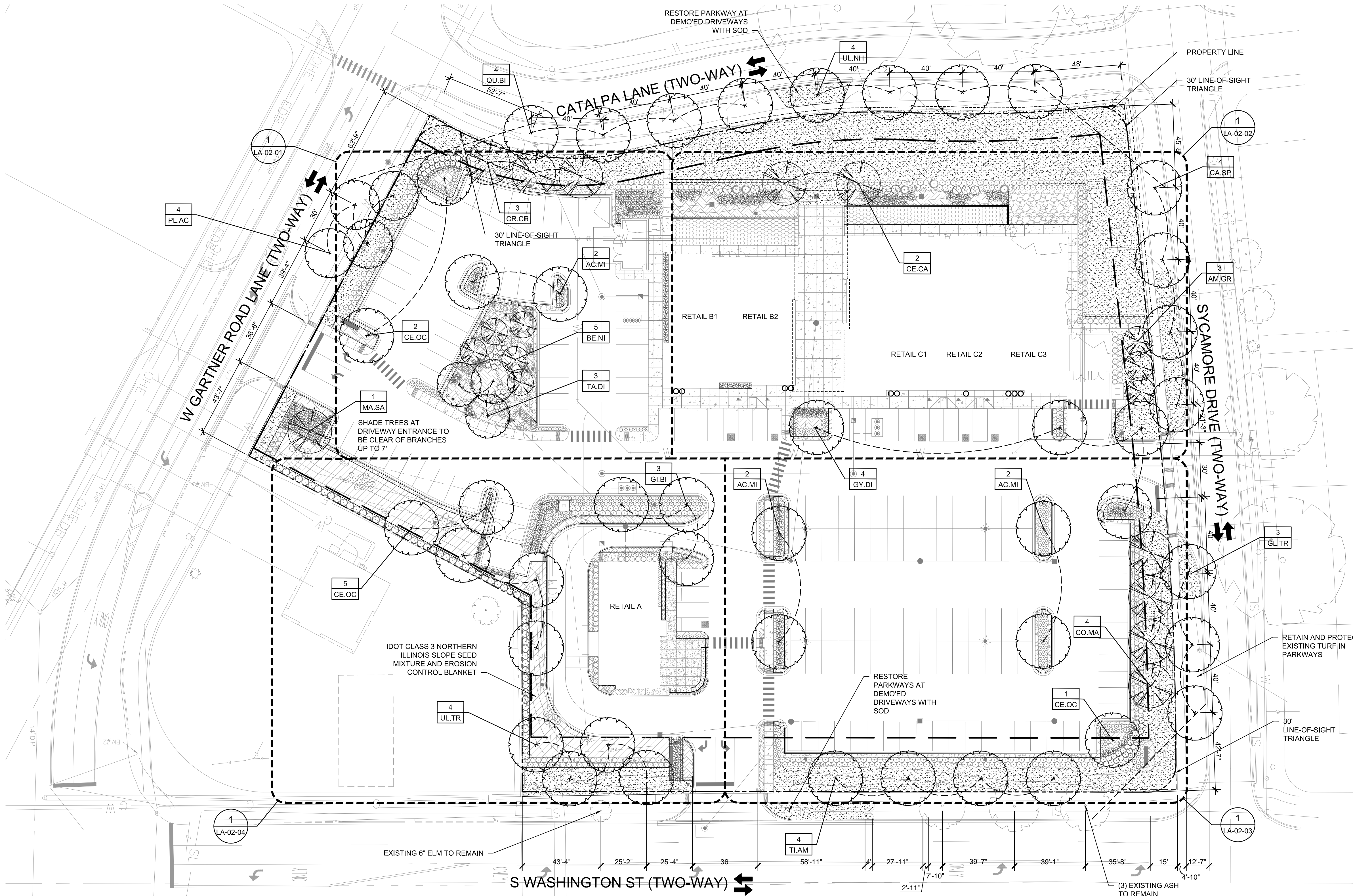
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**NAPERVILLE LANDSCAPE REQUIREMENTS SUMMARY:**

- PARKWAY LANDSCAPING:**  
FINE GRADED AND PLANTED WITH SOD  
TREES SPACED MAX. 40' O.C.; 2.5" CAL.; NO MORE THAN 5 TREES OF SAME SPECIES IN A ROW  
30' LINE-OF-SIGHT TRIANGLES AT INTERSECTIONS
- PERIMETER LANDSCAPING:**  
SOD OR PLANTING  
TREES SPACED MAX. 70' O.C.; 2.5" CAL.
- PERIMETER PARKING LOT LANDSCAPING:**  
MIN. 5' WIDE LANDSCAPE BUFFER  
MIN. 30" HEIGHT, CONTINUOUS PLANTING; 4' O.C.
- INTERIOR PARKING LOT LANDSCAPING:**  
MIN. 8' WIDTH ISLANDS (B.O.C. TO B.O.C.)  
MIN. 130 SF PER ISLAND  
EACH ISLAND REQUIRES (1) 2.5" CAL. SHADE TREE AND MIN. 50% PLANTINGS (NOT TO EXCEED 30" HEIGHT; NO THORNS)
- NOTE TO REVIEWER:**  
ALL LANDSCAPE PLANTS COMPLY WITH THE SEPARATION DISTANCES FROM UTILITY SERVICES - STRUCTURES AS REQUIRED BY THE NAPERVILLE CODE OF ORDINANCES: SUBSECTION 5-10-3.

**ISSUANCES**

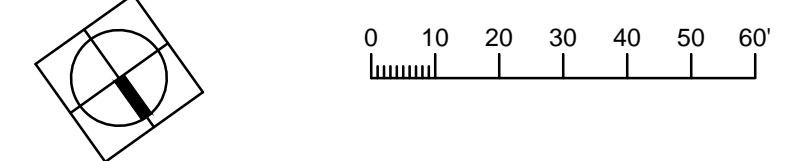
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- TREES SHALL BE SETBACK A MINIMUM OF TEN (10) FEET HORIZONTALLY FROM STORM & UTILITY STRUCTURES, INCLUDING, BUT NOT LIMITED TO MANHOLES, VALVE VAULTS, VALVE BOXES, FIRE HYDRANTS, TRANSFORMERS AND SWITCH CANS
- TREES SHALL BE SETBACK A MINIMUM OF FIVE (5) FEET HORIZONTALLY FROM SANITARY SEWER, STORM SEWER, AND WATER SERVICES
- FOUNDATION LANDSCAPING:**
- SHALL CONSIST OF A MINIMUM RATIO OF ONE PLANT FOR EVERY (3) LINEAR FEET OF BUILDING LENGTH.
  - SHALL BE A COMBINATION OF DECIDUOUS SHRUBS, EVERGREENS, FLOWERS, ORNAMENTAL GRASSES, AND OTHER NATIVE GROUNDCOVERS.
  - SHALL BE LOCATED ADJACENT TO ALL SIDES OF BUILDINGS WHICH FACE A PUBLIC RIGHT OF WAY OR INTERNAL STREET ACCESS DRIVE.
  - SHALL BE MIN 2' WIDTH PLANTING BED.
- RETAIL A =  
208 LF FOUNDATION REQUIRED  
70 PLANTS REQUIRED  
404 PLANTS PROVIDED
- RETAIL B =  
236 LF FOUNDATION REQUIRED  
79 PLANTS REQUIRED  
91 PLANTS PROVIDED
- RETAIL C =  
342 LF FOUNDATION REQUIRED  
114 PLANTS REQUIRED  
172 PLANTS PROVIDED

**PROPOSED VS REMOVED TREE DIFFERENTIAL:**

17 EXISTING TREES ARE TO BE REMOVED  
69 NEW TREES ARE PROPOSED  
52 NET INCREASE IN THE NUMBER OF TREES COMPARED TO EXISTING (BEFORE DEMOLITION)

**1 PLANTING PLAN**  
1" = 30'-0"



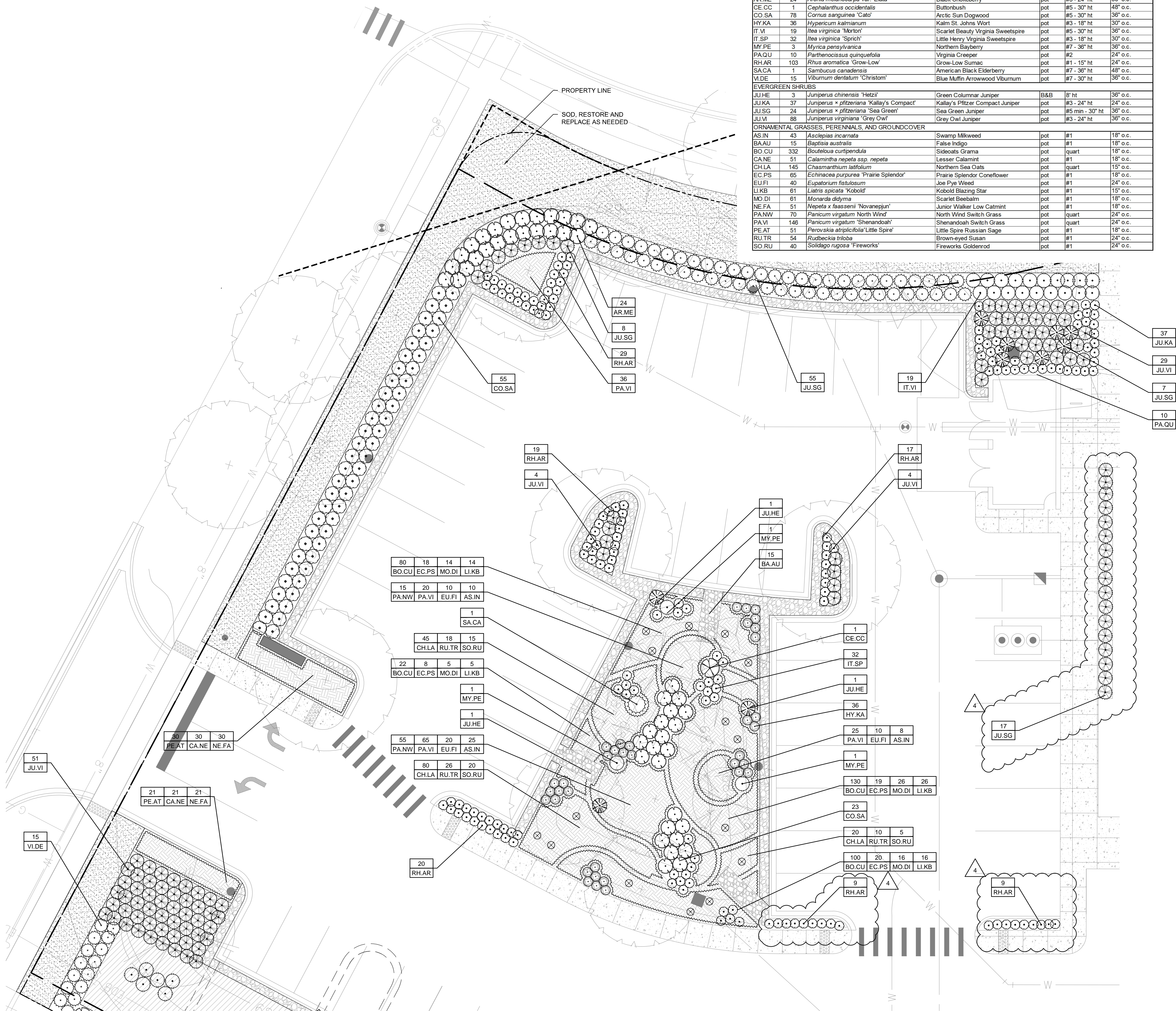
Drawing Number:

**LA-02**

CODE	QTY	BOTANICAL NAME	COMMON NAME	ROOT	SIZE	REMARKS
<b>SHRUBS</b>						
AR.ME	24	<i>Aronia melanocarpa</i> var. 'Elate'	Black Chokeberry	pot	#5 - 24" ht	36" o.c.
CE.CC	1	<i>Cephalanthus occidentalis</i>	Buttonbush	pot	#5 - 30" ht	48" o.c.
CO.SA	78	<i>Cornus sanguinea</i> 'Cato'	Arctic Sun Dogwood	pot	#5 - 30" ht	36" o.c.
HY.KA	36	<i>Hypericum kalimianum</i>	Kalm St. Johns Wort	pot	#3 - 18" ht	30" o.c.
IT.VI	19	<i>Itea virginica</i> 'Morton'	Scarlet Beauty Virginia Sweetspire	pot	#5 - 30" ht	36" o.c.
IT.SP	32	<i>Itea virginica</i> 'Sprich'	Little Henry Virginia Sweetspire	pot	#3 - 18" ht	30" o.c.
MY.PE	3	<i>Myrica pensylvanica</i>	Northern Bayberry	pot	#7 - 36" ht	36" o.c.
PA.QU	10	<i>Parthenocissus quinquefolia</i>	Virginia Creeper	pot	#2	24" o.c.
RH.AR	103	<i>Rhus aromatica</i> 'Grow-Low'	Grow-Low Sumac	pot	#1 - 15" ht	24" o.c.
SACA	1	<i>Sambucus canadensis</i>	American Black Elderberry	pot	#7 - 36" ht	48" o.c.
VI.DE	15	<i>Viburnum dentatum</i> 'Christom'	Blue Mufin Arrowwood Viburnum	pot	#7 - 30" ht	36" o.c.
<b>EVERGREEN SHRUBS</b>						
JU.HE	3	<i>Juniperus chinensis</i> 'Hetzl'	Green Columnar Juniper	B&B	8' ht	36" o.c.
JU.KA	37	<i>Juniperus x pfitzeniana</i> 'Kallay's Compact'	Kallay's Pfitzer Compact Juniper	pot	#3 - 24" ht	24" o.c.
JU.SG	24	<i>Juniperus x pfitzeniana</i> 'Sea Green'	Sea Green Juniper	pot	#5 min - 30" ht	36" o.c.
JU.VI	88	<i>Juniperus virginiana</i> 'Grey Owl'	Grey Owl Juniper	pot	#3 - 24" ht	36" o.c.
<b>ORNAMENTAL GRASSES, PERENNIALS, AND GROUND COVER</b>						
AS.IN	43	<i>Asclepias incarnata</i>	Swamp Milkweed	pot	#1	18" o.c.
BA.AU	15	<i>Baptisia australis</i>	False Indigo	pot	#1	18" o.c.
BO.CU	332	<i>Bouteloua curtipendula</i>	Sideoats Grama	pot	quart	18" o.c.
CANE	51	<i>Calaminta nepeta</i> ssp. <i>nepeta</i>	Lesser Calamint	pot	#1	18" o.c.
CH.LA	145	<i>Chasmanthium latifolium</i>	Northern Sea Oats	pot	quart	15" o.c.
EC.PS	65	<i>Echinacea purpurea</i> 'Prairie Splendor'	Prairie Splendor Coneflower	pot	#1	18" o.c.
EU.FI	40	<i>Eupatorium fistulosum</i>	Joe Eye Weed	pot	#1	24" o.c.
LI.KB	61	<i>Liatris spicata</i> 'Kobold'	Kobold Blazing Star	pot	#1	15" o.c.
MO.DI	61	<i>Monarda didyma</i>	Scarlet Beebalm	pot	#1	18" o.c.
NE.FA	51	<i>Nepeta x faassenii</i> 'Novaneppun'	Junior Walker Low Catmint	pot	#1	18" o.c.
PAN.W	70	<i>Panicum virgatum</i> 'North Wind'	North Wind Switch Grass	pot	quart	24" o.c.
PA.VI	146	<i>Panicum virgatum</i> 'Shenandoah'	Shenandoah Switch Grass	pot	quart	24" o.c.
PE.AT	51	<i>Perovskia atriplicifolia</i> 'Little Spire'	Little Spire Russian Sage	pot	#1	18" o.c.
RU.TR	54	<i>Rudbeckia triloba</i>	Brown-eyed Susan	pot	#1	24" o.c.
SO.RU	40	<i>Solidago rugosa</i> 'Fireworks'	Fireworks Goldenrod	pot	#1	24" o.c.

**LEGEND**

- PROPERTY LINE
- 4TH ORNAMENTAL METAL FENCE
- [Pattern] STABILIZED DECOMPOSED AGGREGATE
- [Pattern] PREMIUM HARDWOOD MULCH
- [Pattern] CONCRETE SIDEWALK, REFER TO CIVIL
- [Pattern] ORNAMENTAL GRASSES / PERENNIALS / GROUNDCOVERS W/ PREMIUM HARDWOOD MULCH
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**ISSUANCES**

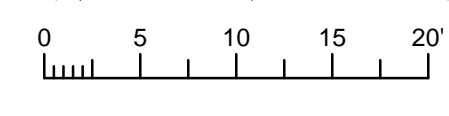
Rev. #	Description	Date Issued
01	PERMIT	04/25/2019
02	PERMIT REVISION	06/06/2019
03	PERMIT REVISION	07/09/2019
04	PERMIT REVISION	07/31/2019

Project No : 8496  
 Drawn : LR File : 8496\_plnt.dwg  
 Checked : MJ Scale : AS NOTED  
 Approved : BM

Sheet Title:  
**PLANTING PLAN ENLARGEMENT I**

Drawing Number:  
**LA-02-01**

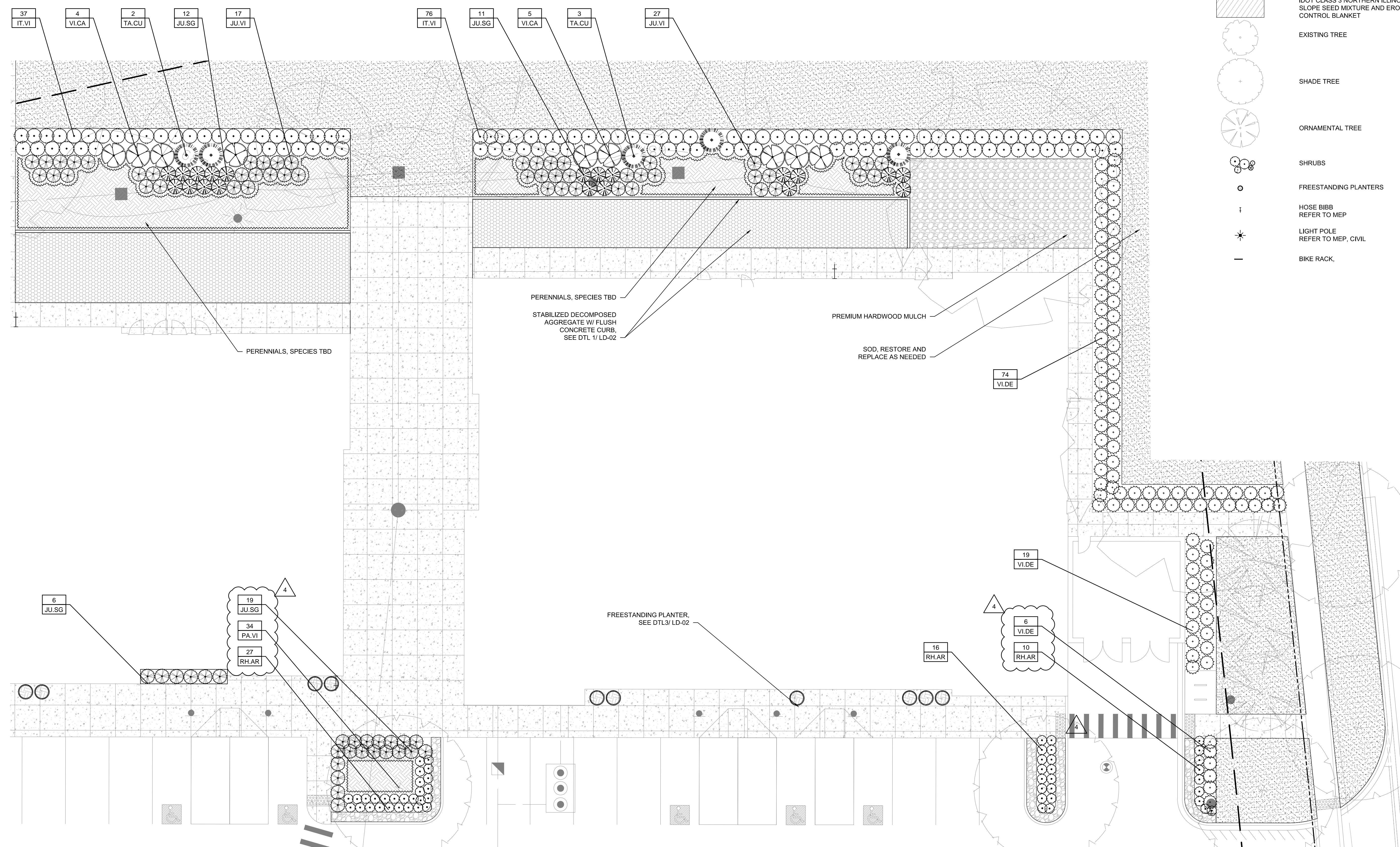
**1 PLANTING PLAN ENLARGEMENT I**  
 1" = 10'-0"



PLANT SCHEDULE						
CODE	QTY	BOTANICAL NAME	COMMON NAME	ROOT	SIZE	REMARKS
<b>SHRUBS</b>						
IT.VI	113	<i>Itea virginica</i> 'Morton'	Scarlet Beauty Virginia Sweetspire	pot	#5 - 30" ht	36" o.c.
RH.AR	53	<i>Rhus aromatica</i> 'Grow-Low'	Grow-Low Sumac	pot	#1 - 15" ht	24" o.c.
VI.CA	9	<i>Viburnum x carlicephalum</i> 'Cayuga'	Cayuga Viburnum	pot	#7 - 30" ht	60" o.c.
VI.DE	99	<i>Viburnum dentatum</i> 'Christom'	Blue Muffin Arrowwood Viburnum	pot	#7 - 30" ht	36" o.c.
<b>EVERGREEN SHRUBS</b>						
JU.SG	42	<i>Juniperus x pfitzeriana</i> 'Sea Green'	Sea Green Juniper	pot	#5 min - 30" ht	36" o.c.
JU.VI	44	<i>Juniperus virginiana</i> 'Grey Owl'	Grey Owl Juniper	pot	#3 - 24" ht	36" o.c.
TACU	5	<i>Taxus cuspidata</i> 'Capitata'	Japanese Yew	pot	#5 - 24" ht	60" o.c.
<b>ORNAMENTAL GRASSES, PERENNIALS, AND GROUNDCOVER</b>						
AG.FO		<i>Agastache foeniculum</i> 'Blue Fortune'	Blue Fortune Anise Hyssop	pot	#1	18" o.c.
BO.GR		<i>Bouteloua gracilis</i> 'Blonde Ambition'	Blonde Ambition Blue Grama Grass	pot	#1	18" o.c.
CA.NE		<i>Calamintha nepeta</i> ssp. <i>nepeta</i>	Lesser Calamint	pot	#1	18" o.c.
EC.PS		<i>Echinacea purpurea</i> 'Prairie Splendor'	Prairie Splendor Coneflower	pot	#1	18" o.c.
LI.KB		<i>Liatris spicata</i> 'Kobold'	Kobold Blazing Star	pot	#1	18" o.c.
NE.FA		<i>Nepeta x faassenii</i> 'Novanepun'	Junior Walker Low Catmint	pot	#1	18" o.c.
PA.VI	34	<i>Panicum virgatum</i> 'Shenandoah'	Shenandoah Switch Grass	pot	#1	24" o.c.
PE.AT		<i>Perovskia atriplicifolia</i>	Russian Sage	pot	#1	18" o.c.

**LEGEND**

- PROPERTY LINE
- 4TH ORNAMENTAL METAL FENCE
- ▨ STABILIZED DECOMPOSED AGGREGATE
- ▩ PREMIUM HARDWOOD MULCH
- ▧ CONCRETE SIDEWALK, REFER TO CIVIL
- ▦ ORNAMENTAL GRASSES / PERENNIALS / GROUNDCOVERS W/ PREMIUM HARDWOOD MULCH
- ▤ SOD
- ▣ IDOT CLASS 3 NORTHERN ILLINOIS SLOPE SEED MIXTURE AND EROSION CONTROL BLANKET
- EXISTING TREE
- SHADE TREE
- ORNAMENTAL TREE
- SHRUBS
- FREESTANDING PLANTERS
- ⊥ HOSE BIBB REFER TO MEP
- ⊛ LIGHT POLE REFER TO MEP, CIVIL
- BIKE RACK



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04	PERMIT REVISION	07/31/2019

Project No : 8496  
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 Checked : MJ Scale : AS NOTED  
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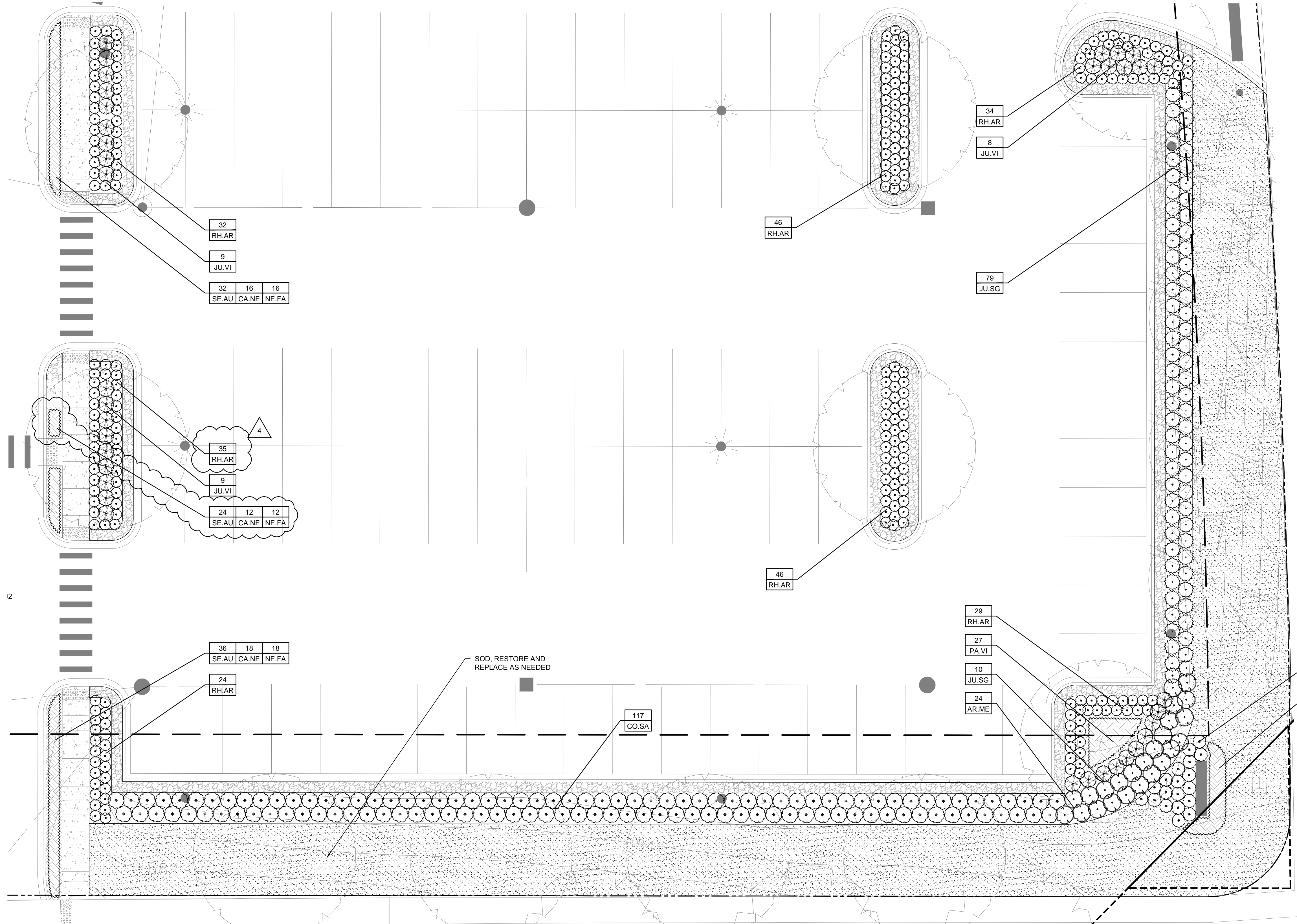
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**PLANTING PLAN ENLARGEMENT II**

Drawing Number:  
**LA-02-02**

PLANT SCHEDULE						
CODE	QTY	BOTANICAL NAME	COMMON NAME	ROOT	SIZE	REMARKS
<b>SHRUBS</b>						
AR.ME	24	<i>Aronia melanocarpa</i> var. 'Elate'	Black Chokeberry	pot	#5	36" o.c.
CO.SA	117	<i>Cornus sanguinea</i> 'Cato'	Arctic Sun Dogwood	pot	#5 - 30" ht	36" o.c.
IT.SP	19	<i>Itea virginica</i> 'Sprich'	Little Henry Virginia Sweetspire	pot	#3 - 18" ht	30" o.c.
RH.AR	382	<i>Rhus aromatica</i> 'Grow-Low'	Grow-Low Sumac	pot	#1 - 15" ht	24" o.c.
<b>EVERGREEN SHRUBS</b>						
JU.SG	89	<i>Juniperus x pfitzeriana</i> 'Sea Green'	Sea Green Juniper	pot	#5 min - 30" ht	36" o.c.
JU.VI	26	<i>Juniperus virginiana</i> 'Grey Owl'	Grey Owl Juniper	pot	#3 - 24" ht	36" o.c.
<b>ORNAMENTAL GRASSES, PERENNIALS, AND GROUNDCOVER</b>						
CA.NE	62	<i>Calamintha nepeta</i> ssp. <i>nepeta</i>	Lesser Calamint	pot	#1	18" o.c.
NE.FA	62	<i>Nepeta x faassenii</i> 'Novanepun'	Junior Walker Low Calmint	pot	#1	18" o.c.
PA.VI	27	<i>Panicum virgatum</i> 'Shenandoah'	Shenandoah Switch Grass	pot	#1	24" o.c.
PE.AT	14	<i>Perovskia atriplicifolia</i>	Russian Sage	pot	#1	18" o.c.
SE.AU	96	<i>Sesleria autumnalis</i>	Autumn Moor Grass	pot	#1	15" o.c.

**LEGEND**

- PROPERTY LINE
- 4TH ORNAMENTAL METAL FENCE
- ▨ STABILIZED DECOMPOSED AGGREGATE
- ▨ PREMIUM HARDWOOD MULCH
- ▨ CONCRETE SIDEWALK, REFER TO CIVIL
- ▨ ORNAMENTAL GRASSES / PERENNIALS / GROUNDCOVERS W/ PREMIUM HARDWOOD MULCH
- ▨ SOD
- ▨ IDOT CLASS 3 NORTHERN ILLINOIS SLOPE SEED MIXTURE AND EROSION CONTROL BLANKET
- EXISTING TREE
- SHADE TREE
- ORNAMENTAL TREE
- SHRUBS
- FREESTANDING PLANTERS
- ↑ HOSE BIBB REFER TO MEP
- ★ LIGHT POLE REFER TO MEP, CIVIL
- BIKE RACK



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Project No : 8496  
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Sheet Title:  
**PLANTING PLAN ENLARGEMENT III**

Drawing Number:  
**LA-02-03**

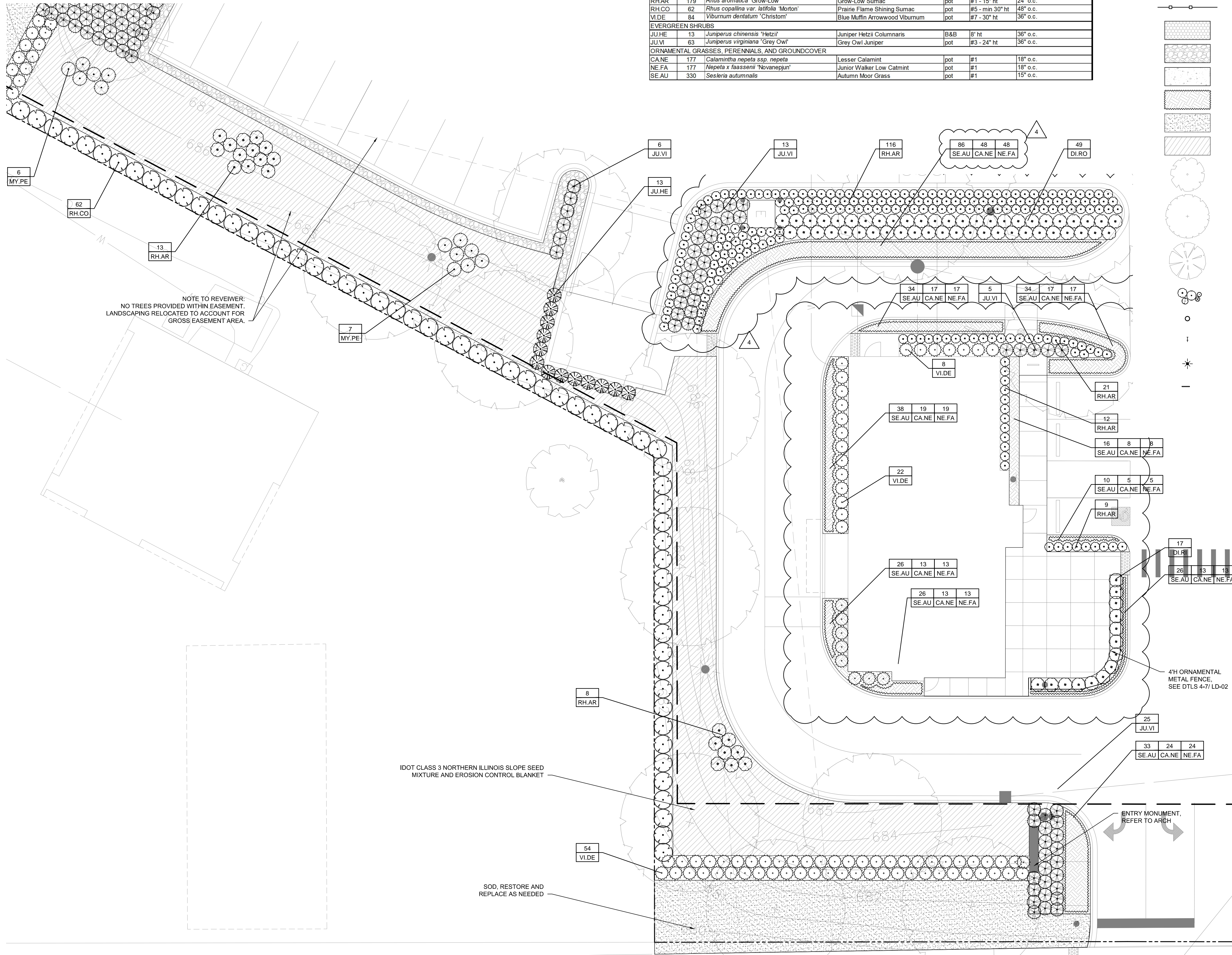
**1 PLANTING PLAN ENLARGEMENT III**  
 1" = 10'-0"



PLANT SCHEDULE						
CODE	QTY	BOTANICAL NAME	COMMON NAME	ROOT	SIZE	REMARKS
<b>SHRUBS</b>						
DI.RO	66	<i>Diervilla rivularis</i> 'G2X885411'	Kodiak Red Diervilla	pot	#5 - 30" ht	36" o.c.
MY.PE	13	<i>Myrica pensylvanica</i>	Northern Bayberry	pot	#7 - 36" ht	36" o.c.
RH.AR	179	<i>Rhus aromatica</i> 'Grow-Low'	Grow-Low Sumac	pot	#1 - 15" ht	24" o.c.
RH.CO	62	<i>Rhus copallina</i> var. <i>latifolia</i> 'Morton'	Prairie Flame Shining Sumac	pot	#5 - min 30" ht	48" o.c.
VI.DE	84	<i>Viburnum dentatum</i> 'Christom'	Blue Muffin Arrowwood Viburnum	pot	#7 - 30" ht	36" o.c.
<b>EVERGREEN SHRUBS</b>						
JU.HE	13	<i>Juniperus chinensis</i> 'Hetzii'	Juniper Hetzii Columnaris	B&B	8' ht	36" o.c.
JU.VI	63	<i>Juniperus virginiana</i> 'Grey Owl'	Grey Owl Juniper	pot	#3 - 24" ht	36" o.c.
<b>ORNAMENTAL GRASSES, PERENNIALS, AND GROUNDCOVER</b>						
CA.NE	177	<i>Calamintha nepeta</i> ssp. <i>nepeta</i>	Lesser Calamint	pot	#1	18" o.c.
NE.FA	177	<i>Nepeta x faassenii</i> 'Novanepjun'	Junior Walker Low Catmint	pot	#1	18" o.c.
SE.AU	330	<i>Sesleria autumnalis</i>	Autumn Moor Grass	pot	#1	15" o.c.

**LEGEND**

- PROPERTY LINE
- 4" ORNAMENTAL METAL FENCE
- STABILIZED DECOMPOSED AGGREGATE
- PREMIUM HARDWOOD MULCH
- CONCRETE SIDEWALK, REFER TO CIVIL
- ORNAMENTAL GRASSES / PERENNIALS / GROUNDCOVERS W/ PREMIUM HARDWOOD MULCH
- SOD
- IDOT CLASS 3 NORTHERN ILLINOIS SLOPE SEED MIXTURE AND EROSION CONTROL BLANKET
- EXISTING TREE
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- BIKE RACK



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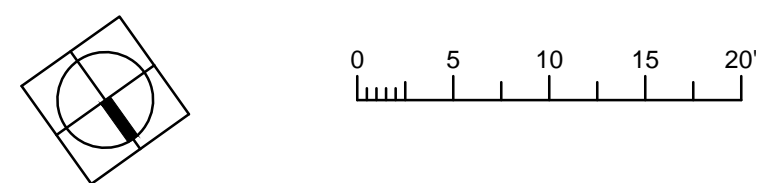
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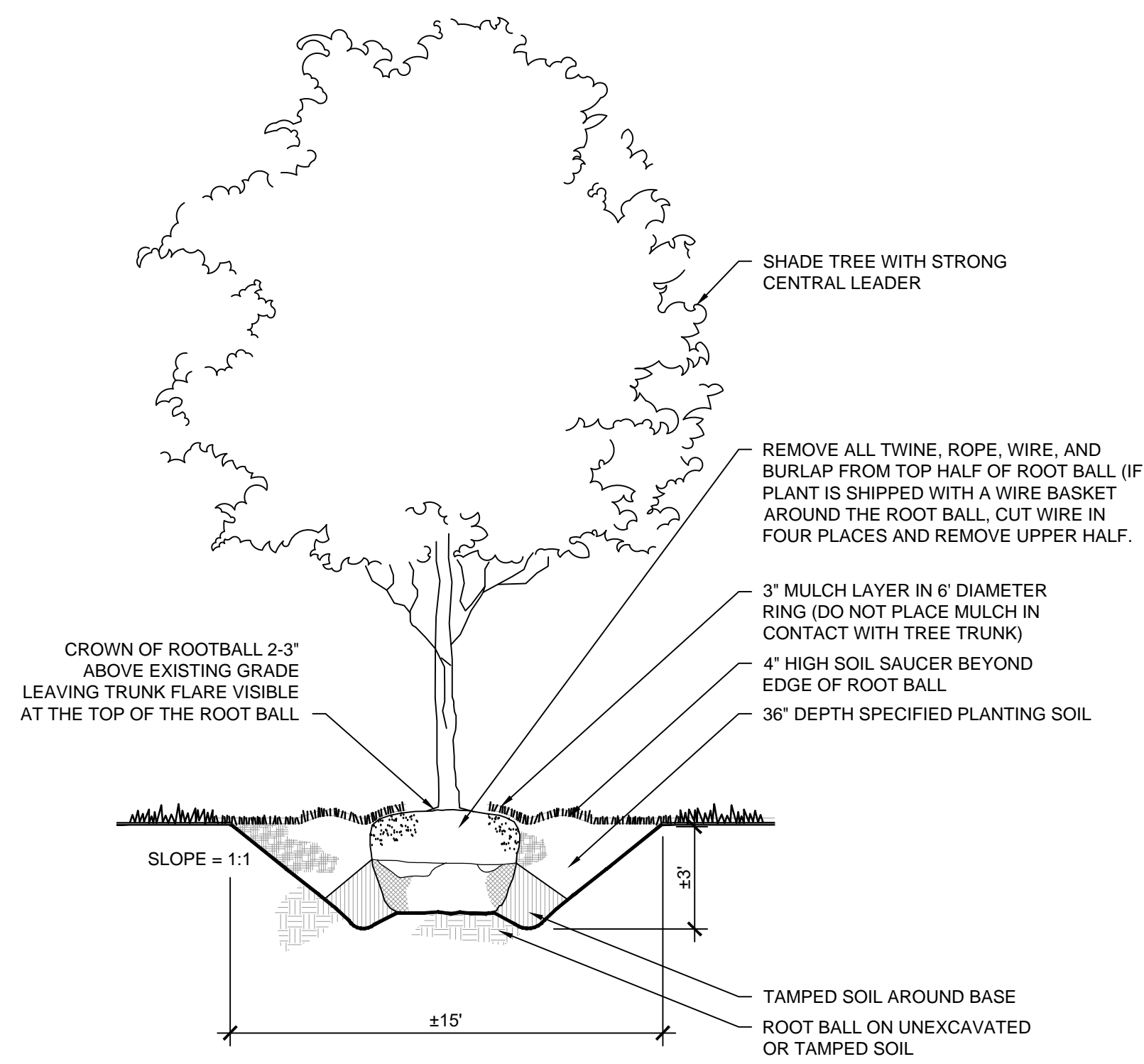
Rev. #	Description	Date Issued
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1 PLANTING PLAN ENLARGEMENT IV  
 1" = 10'-0"

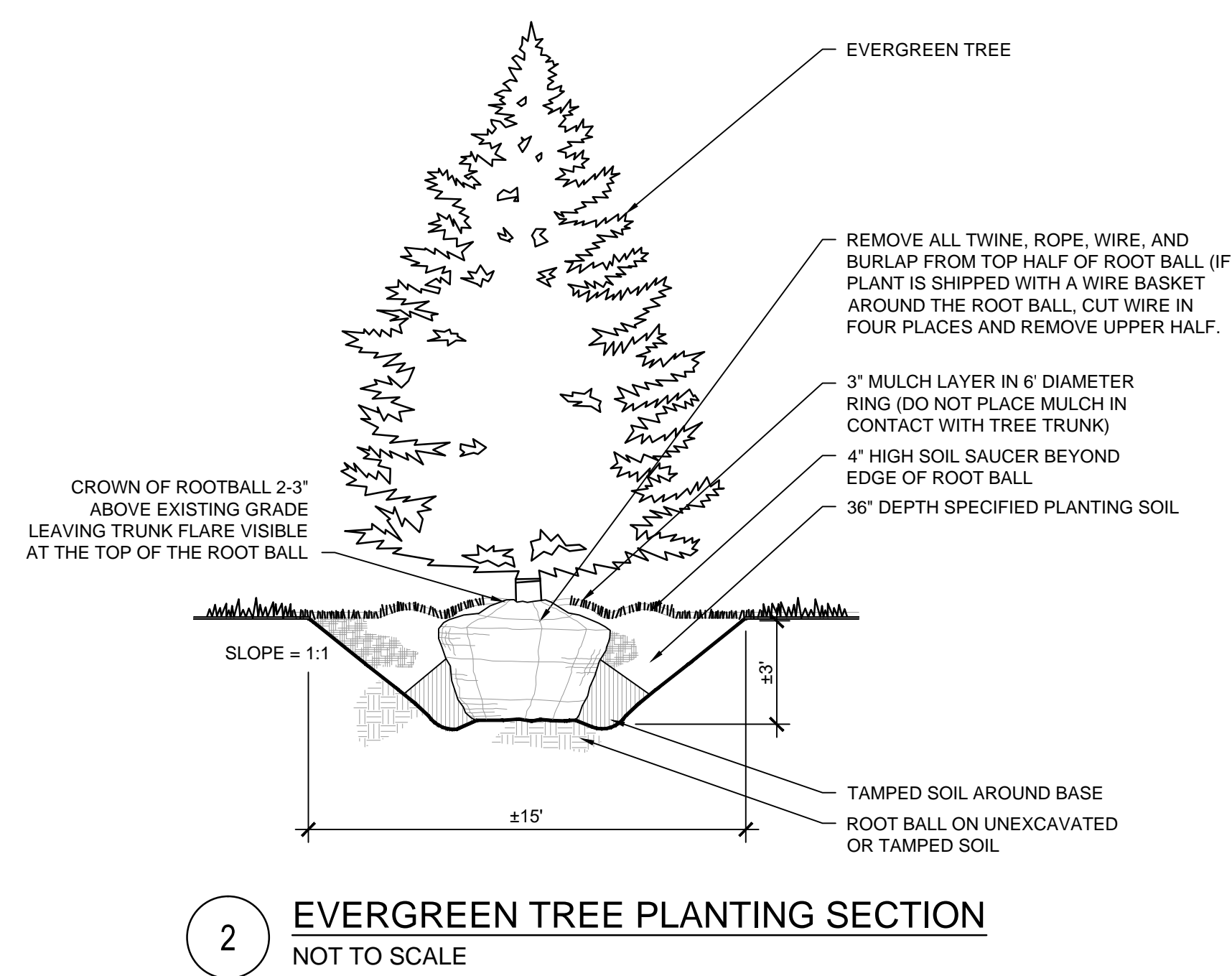


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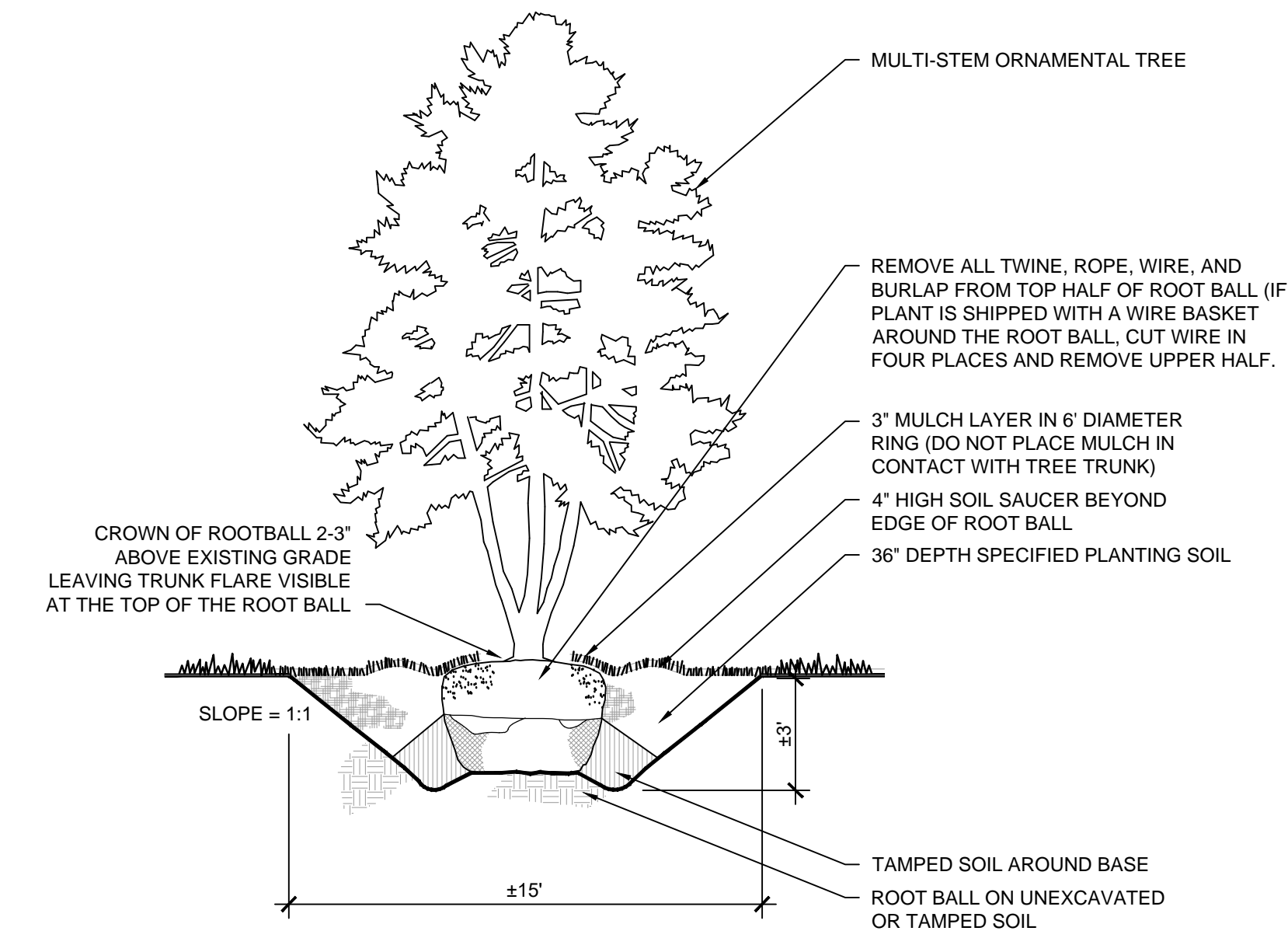
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**PLANTING PLAN ENLARGEMENT IV**  
 Drawing Number:  
**LA-02-04**



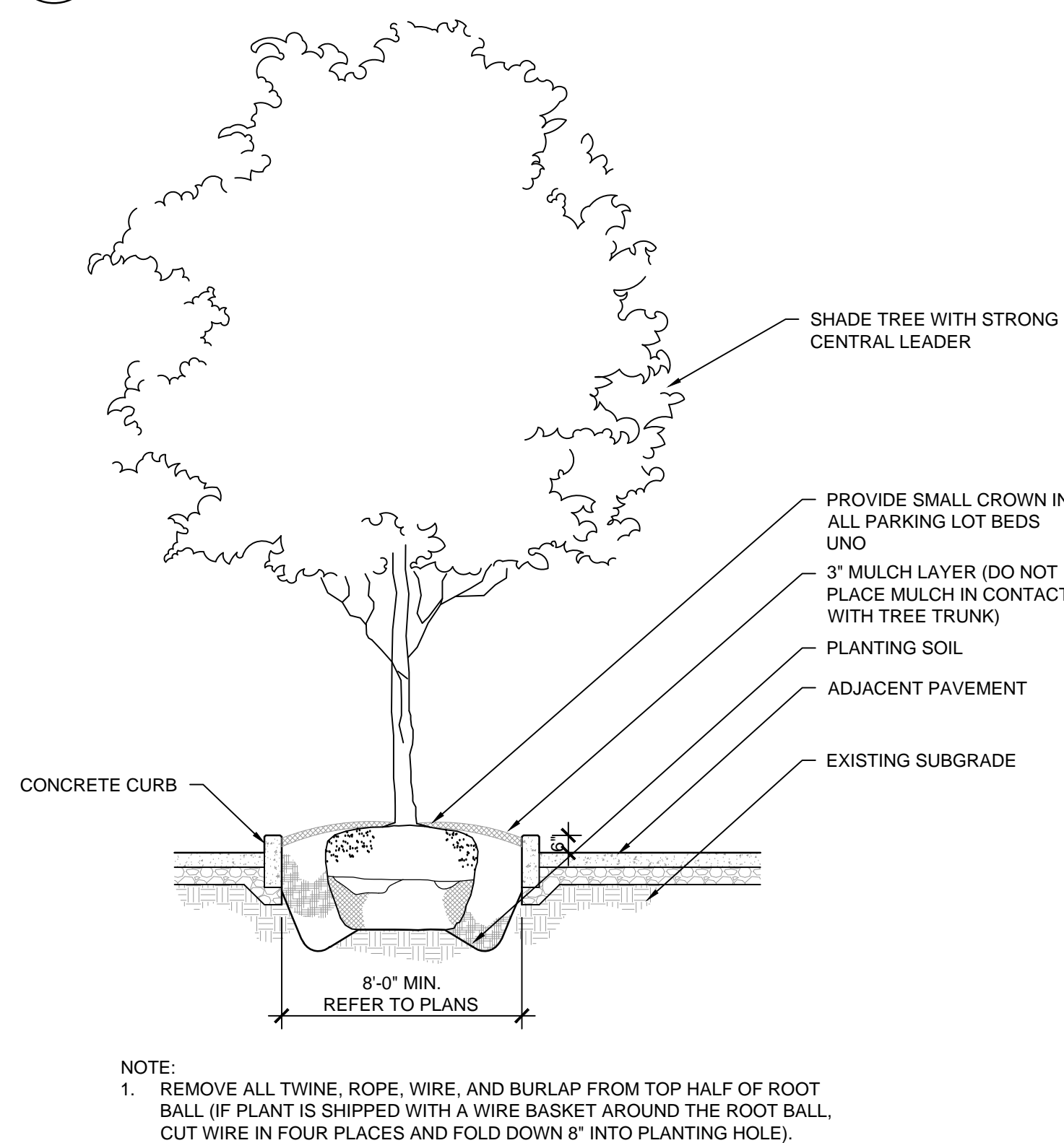
1 DECIDUOUS TREE PLANTING SECTION  
NOT TO SCALE



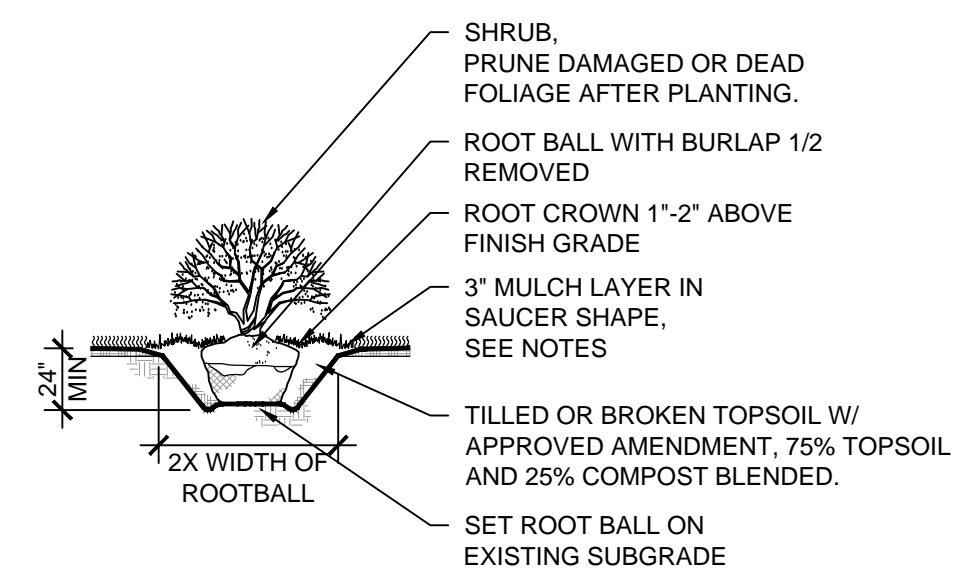
2 EVERGREEN TREE PLANTING SECTION  
NOT TO SCALE



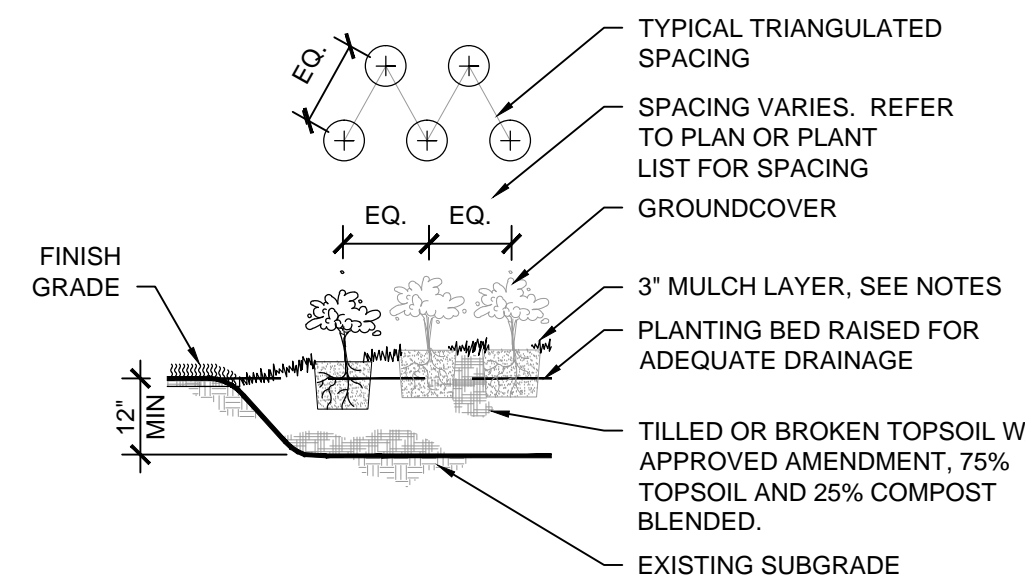
3 ORNAMENTAL TREE PLANTING SECTION  
NOT TO SCALE



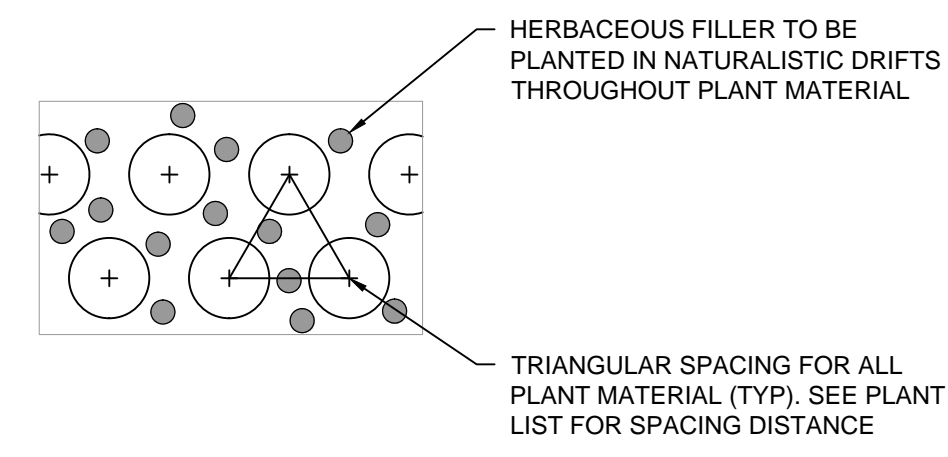
4 SHADE TREE IN ISLAND SECTION  
NOT TO SCALE



5 SHRUB PLANTING SECTION  
NOT TO SCALE



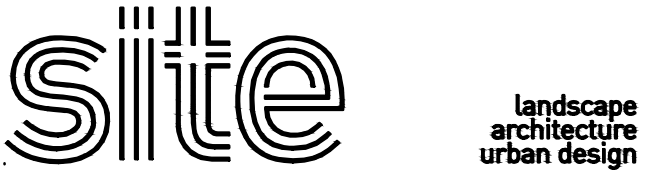
6 PERENNIAL PLANTING SECTION  
NOT TO SCALE



7 INTERPLANTING DETAIL  
NOT TO SCALE

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## ISSUANCES

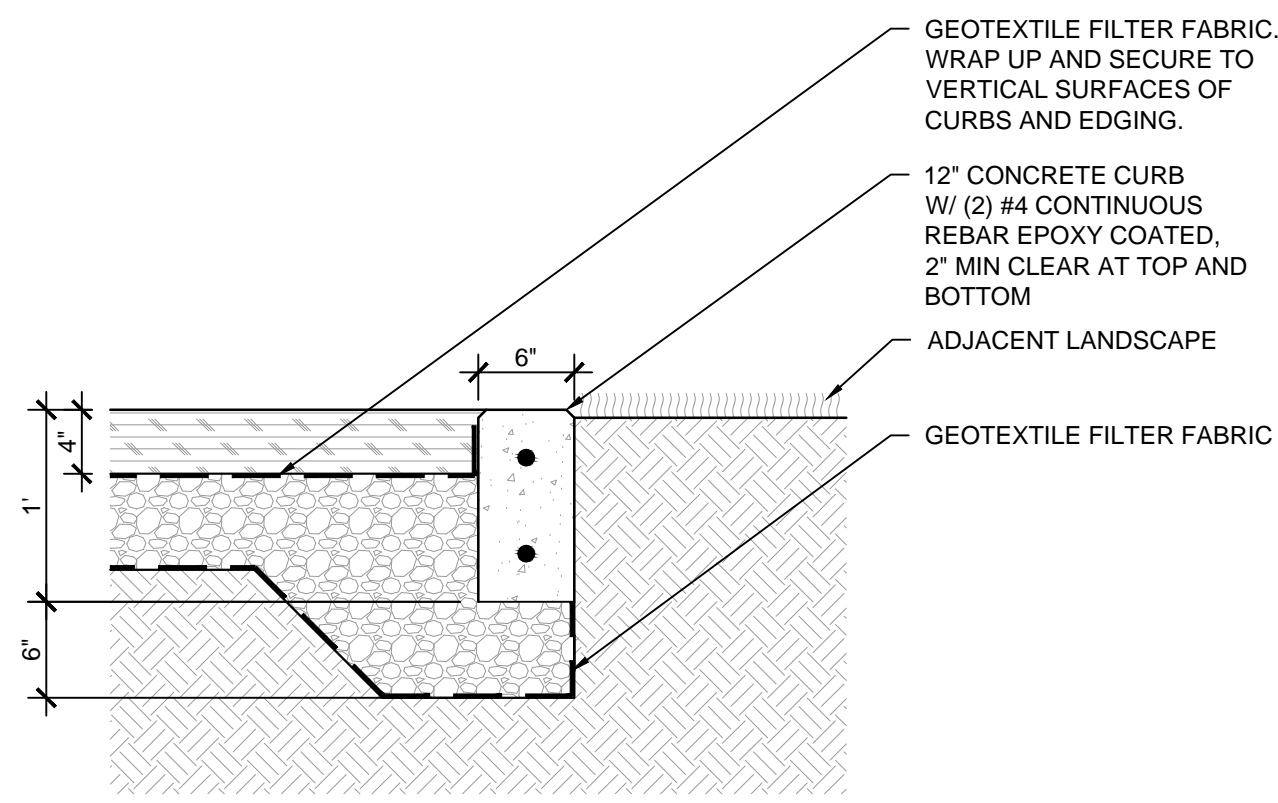
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Project No : 8496  
Drawn : LR File : 8496\_detl\_land.dwg  
Checked : MJ Scale : AS NOTED  
Approved : BM

Sheet Title:  
PLANTING DETAILS

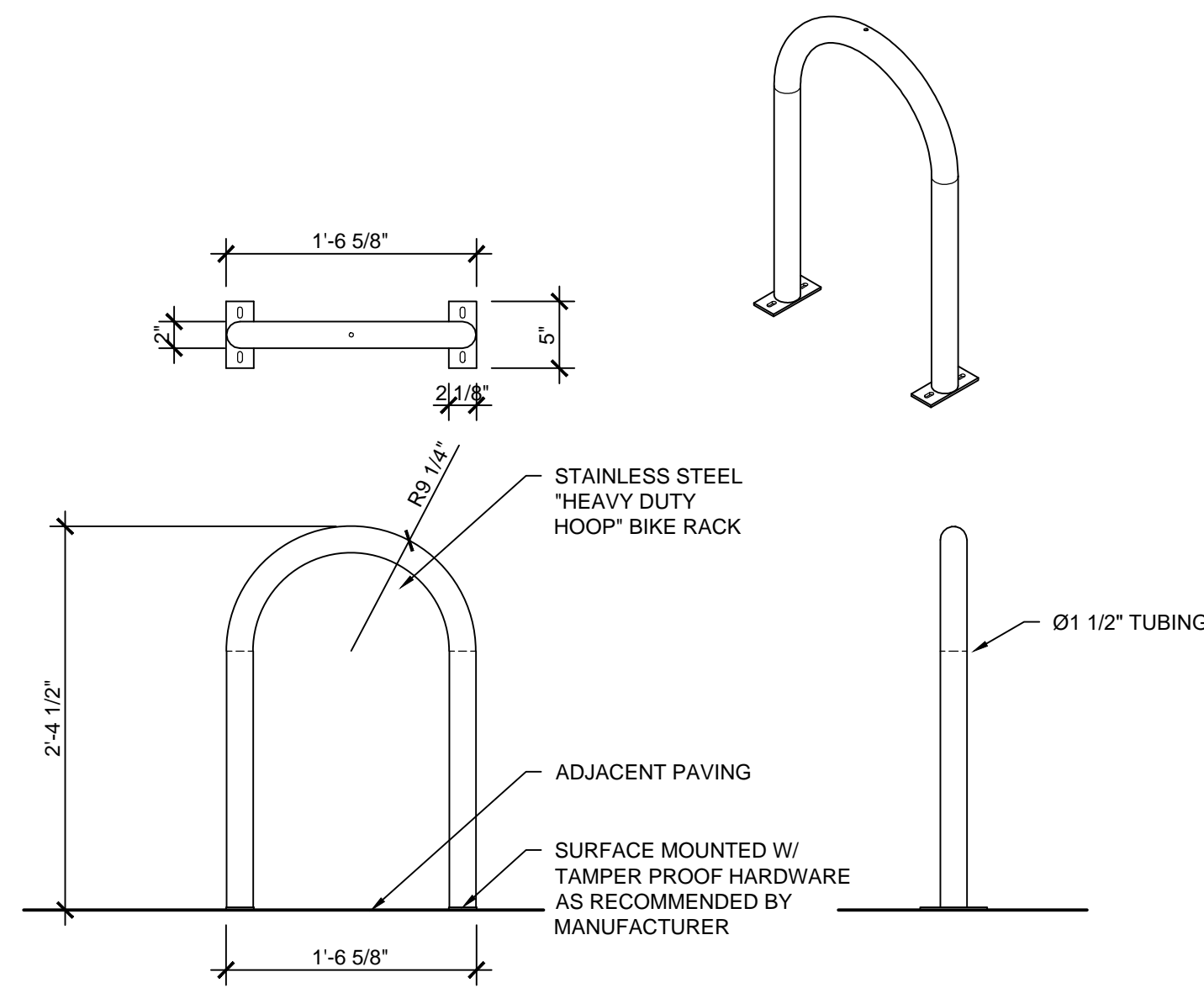
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LD-01

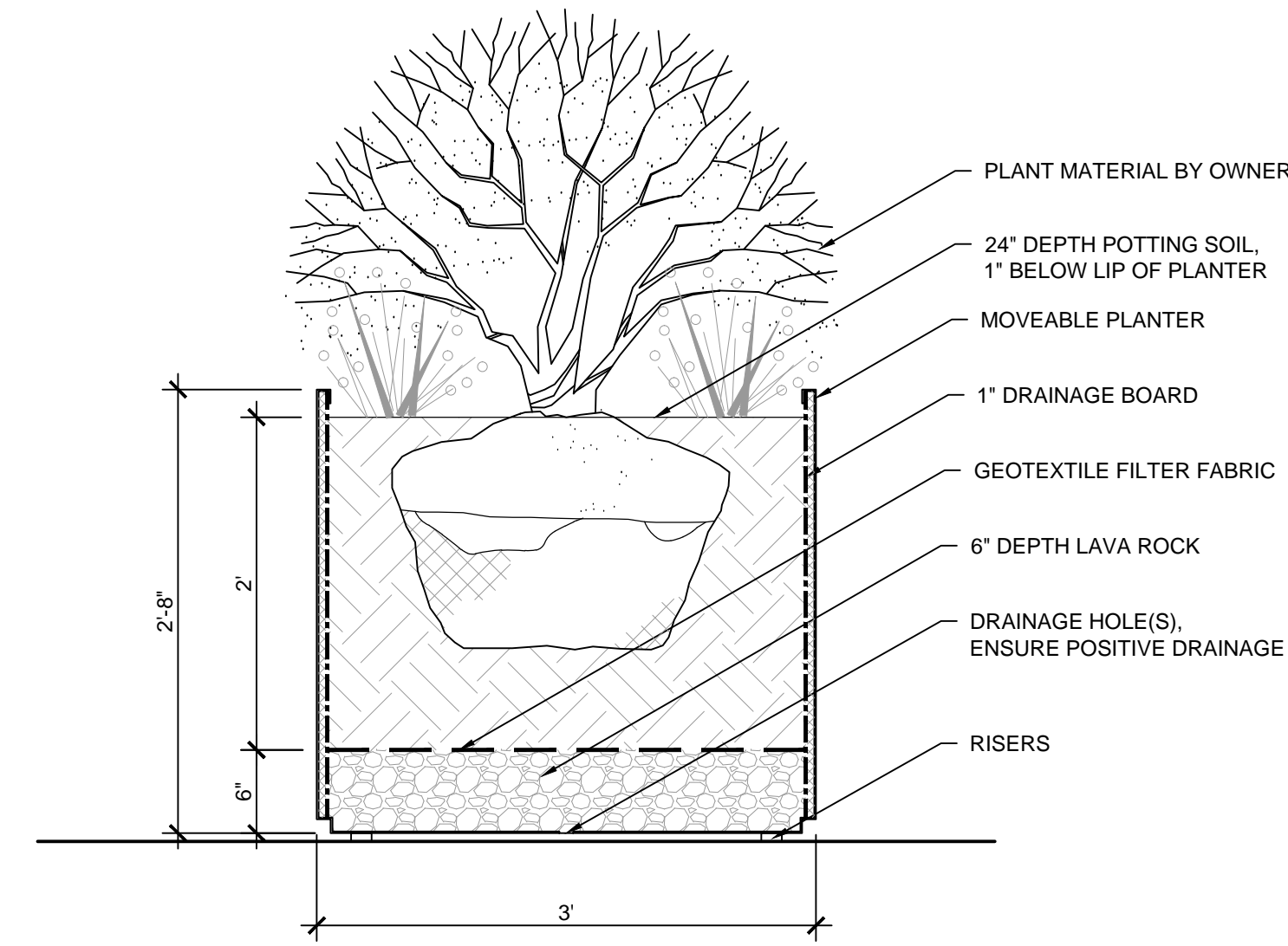


NOTE:  
1. INSTALL STABILIZED DECOMPOSED AGGREGATE PER MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS.

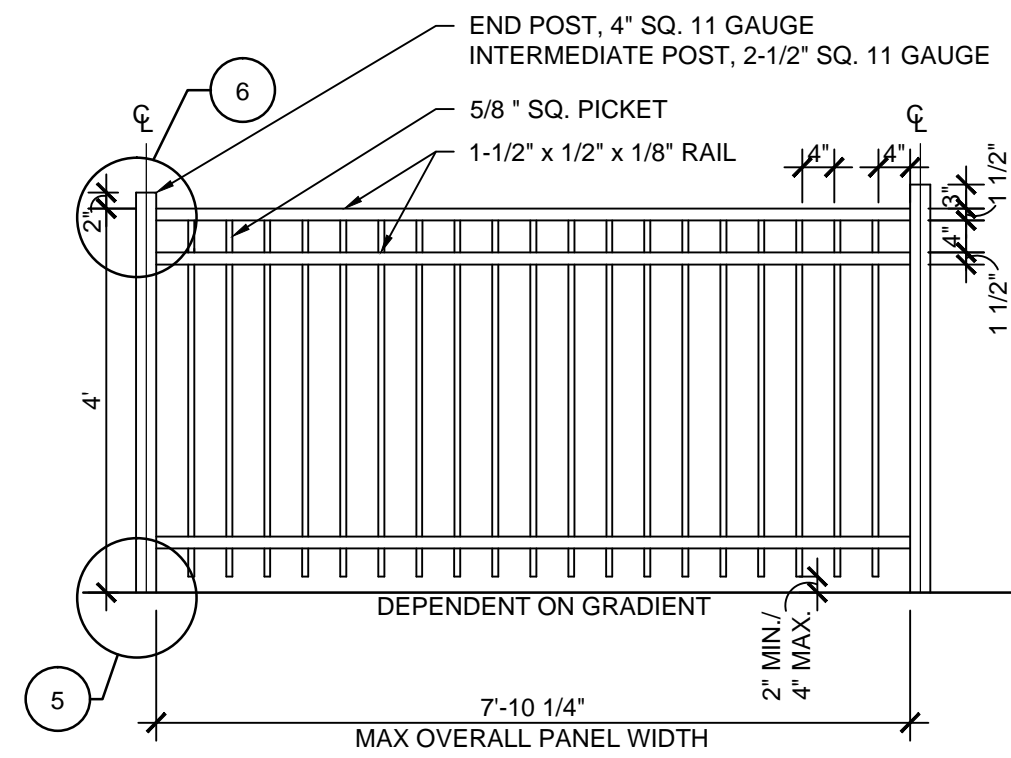
**1 STABILIZED DECOMPOSED AGGREGATE 6"W FLUSH CONCRETE CURB SECTION**  
1" = 1'-0"



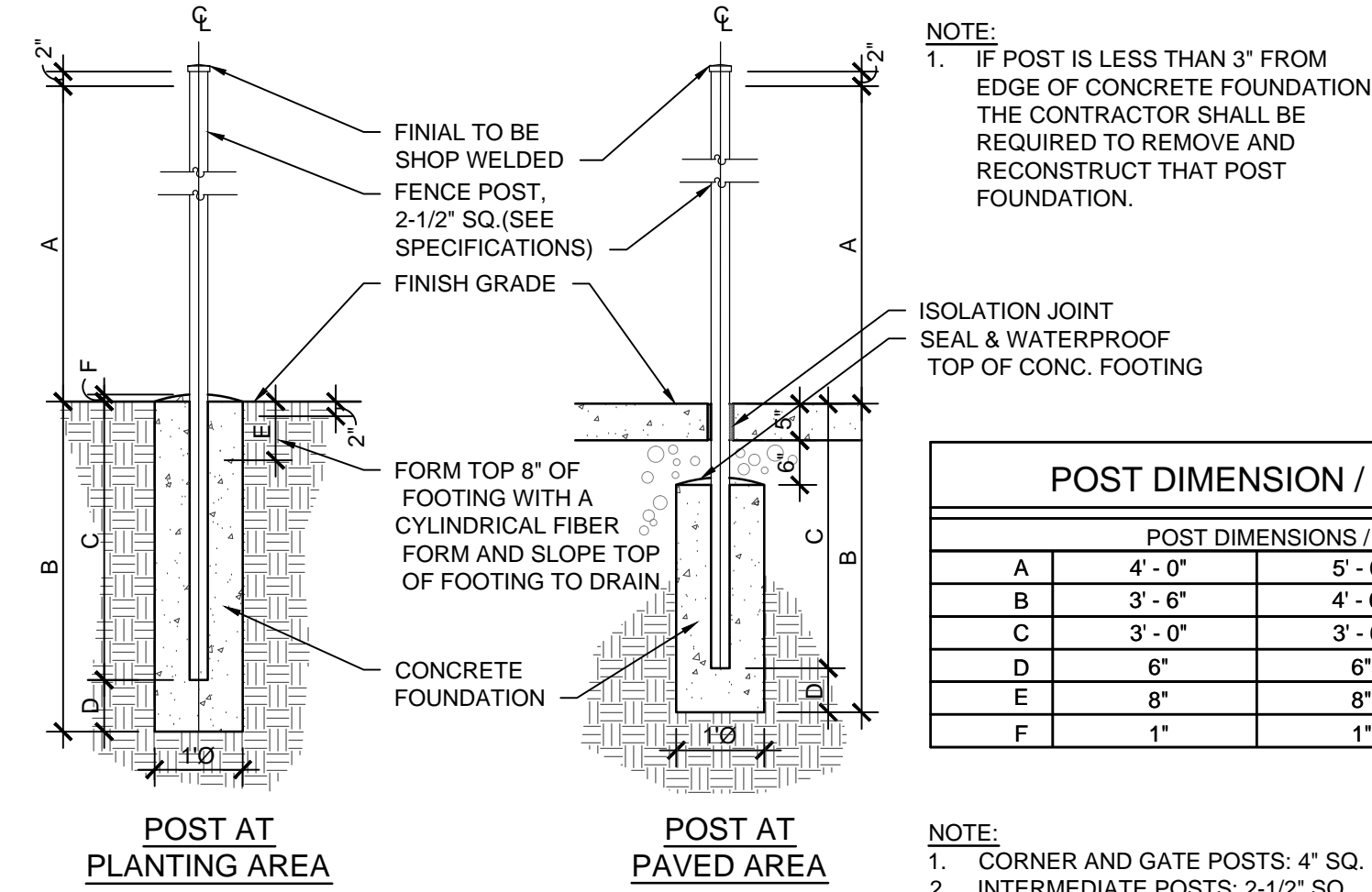
**2 BIKE RACK DETAIL**  
1" = 1'-0"



**3 FREESTANDING PLANTER DETAIL**  
1" = 1'-0"



**4 4'H ORNAMENTAL METAL FENCE DETAIL**  
1/2" = 1'-0"

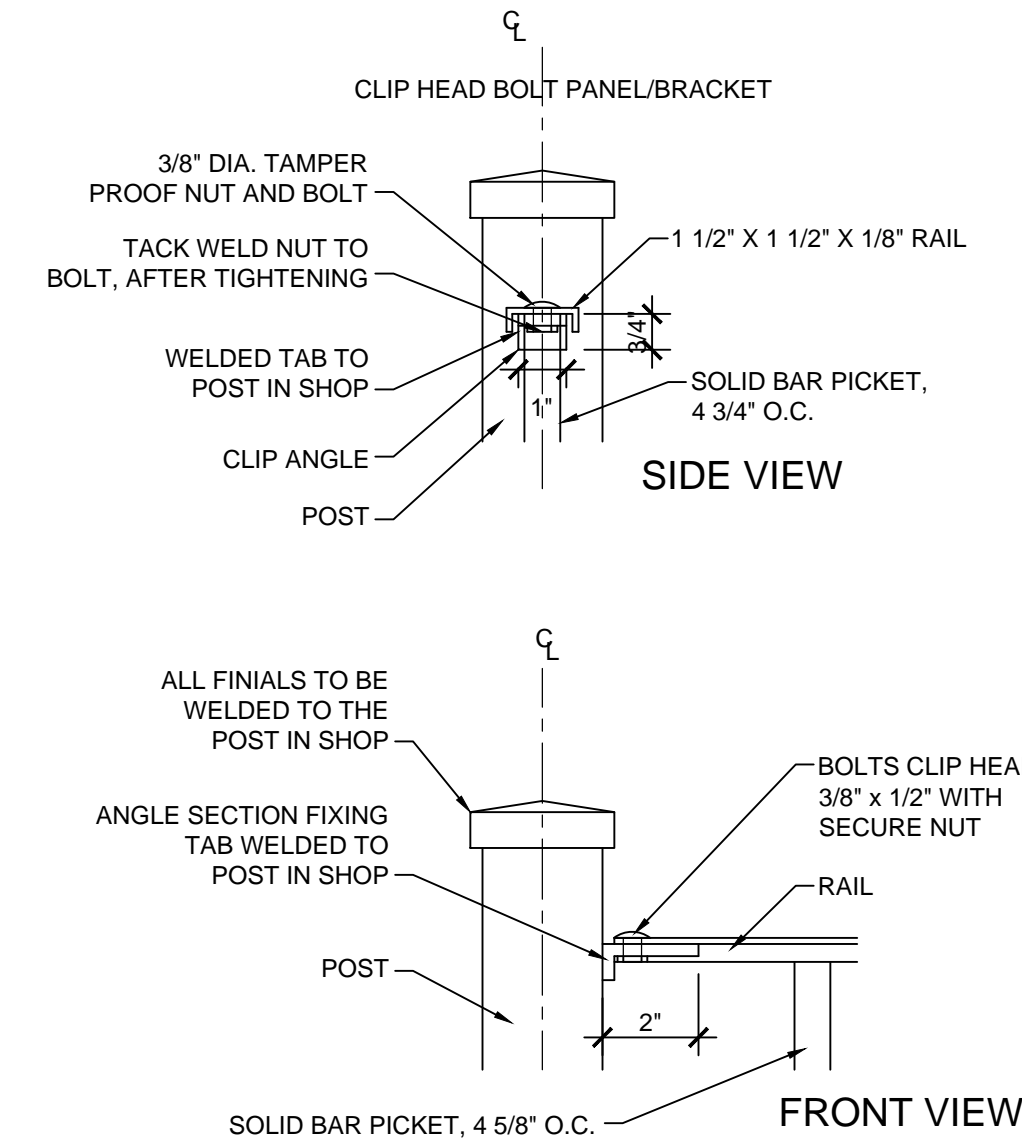


NOTE:  
1. IF POST IS LESS THAN 3' FROM EDGE OF CONCRETE FOUNDATION, THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND RECONSTRUCT THAT POST FOUNDATION.

POST DIMENSION / FOOTING DEPTH				
	POST DIMENSIONS / FOOTING DEPTH			
A	4' - 0"	5' - 0"	6' - 0"	8' - 0"
B	3' - 6"	4' - 0"	4' - 6"	5' - 6"
C	3' - 0"	3' - 6"	4' - 0"	5' - 0"
D	6"	6"	6"	6"
E	8"	8"	8"	8"
F	1"	1"	1"	1"

NOTE:  
1. CORNER AND GATE POSTS: 4" SQ.  
2. INTERMEDIATE POSTS: 2-1/2" SQ.

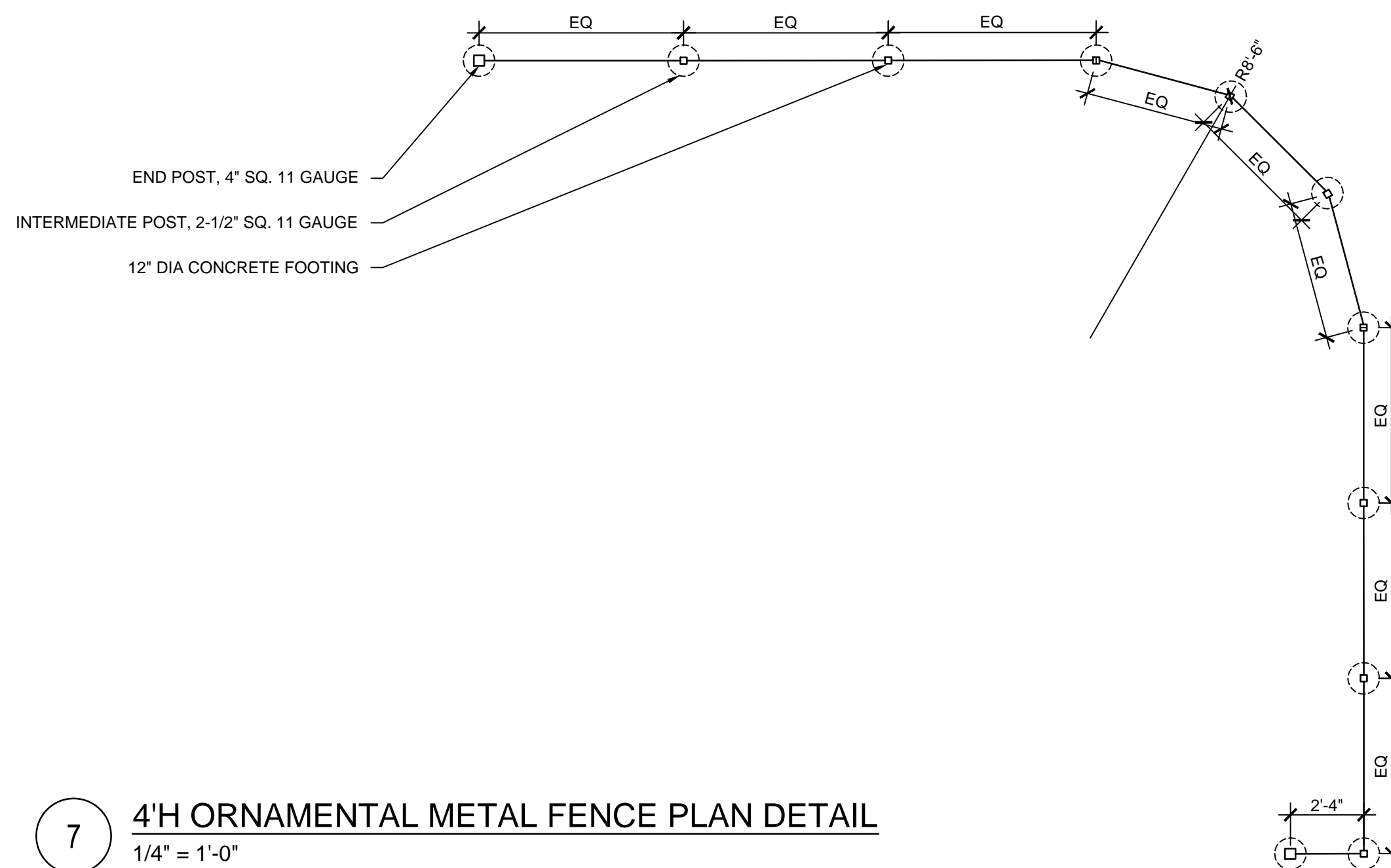
**5 FENCE POST FOOTING DETAIL**  
1/2" = 1'-0"



**6 POST CAP DETAIL**  
3" = 1'-0"

**GENERAL FENCING NOTES:**

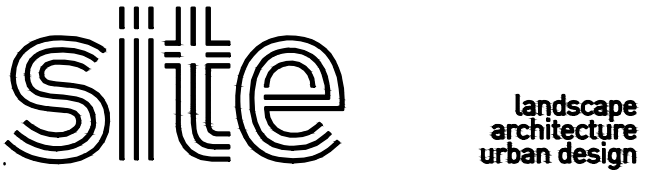
- CONTRACTOR TO VERIFY STRUCTURAL DESIGN OF FENCING. FENCES SHALL BE DESIGNED AND CONSTRUCTED TO RESIST A HORIZONTAL WIND PRESSURE OF NOT LESS THAN 30 POUNDS PER SQUARE FOOT IN ADDITION TO ALL OTHER FORCES TO WHICH THEY MAY BE SUBJECTED.
- SUBMIT COMPLETE FABRICATION AND INSTALLATION DRAWINGS. SHOW PLAN LAYOUT INCLUDING LOCATION OF FENCING AND GATE POSTS, ADJUSTMENT PANELS AND DETAILS OF POST INSTALLATION, EXPANSION JOINTS AND WELDING DETAILS.
- MAINTAIN CONSISTENT ELEVATION OF TOP RAIL FOR FENCE PANEL AND GATES.
- ALL FENCE OPERABLE HARDWARE SHALL COMPLY WITH ANSI A1171-2003 SECTION 3094 OPERATION AND 3093 HEIGHT AND 3092 CLEAR FLOOR SPACE, AND CPS CHILDREN'S STANDARDS.



**7 4'H ORNAMENTAL METAL FENCE PLAN DETAIL**  
1/4" = 1'-0"

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2/20/18

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Project No : 8496  
Drawn : LR File : 8496\_det\_landscape.dwg  
Checked : MJ Scale : AS NOTED  
Approved : BM

Sheet Title:  
**LANDSCAPE DETAILS**

Drawing Number:

**LD-02**