

SEAL



EXPIRES 08/2025

PROJECT TEAM

PROJECT NAME



8661 E. County Road 550 S,
Plainfield, IN

DRAWING ISSUED

NO.	TITLE	DATE
1.	Preliminary Review	6/21/2023
2.	Final Review	08/02/2023
3.	Per Comments	09/26/2023

SET TYPE
LANDSCAPE PLANS

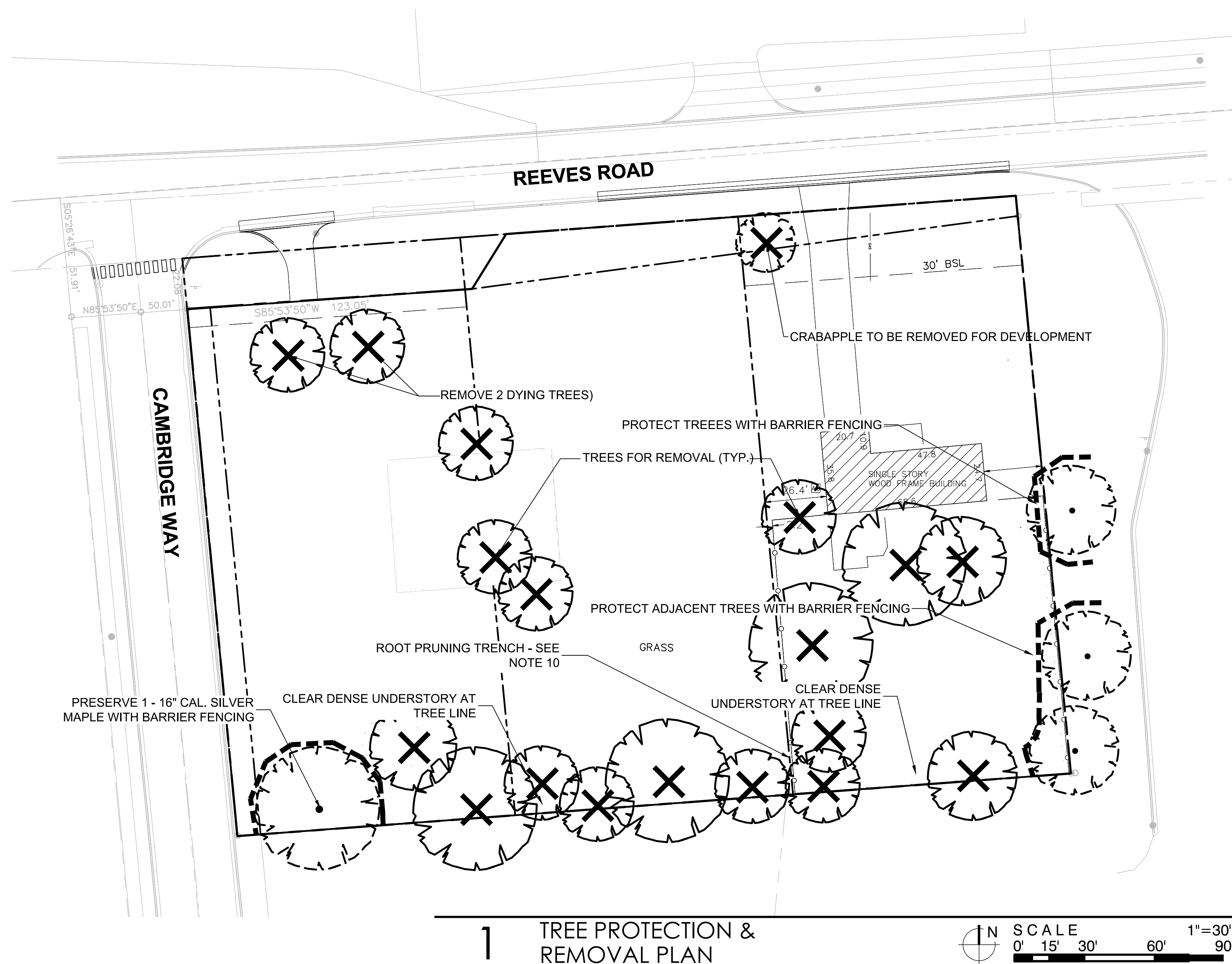
PROJECT NUMBER
2306022

DATE
06-14-2023
DRAWN BY: LCG
APPROVED BY: LCG

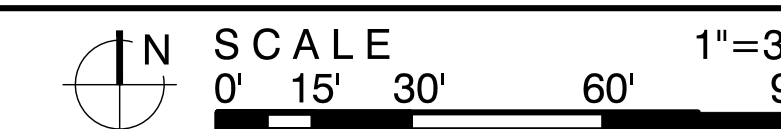
SHEET TITLE
TREE PROTECTION &
REMOVAL PLAN

SHEET NUMBER

L.1



1 TREE PROTECTION &
REMOVAL PLAN



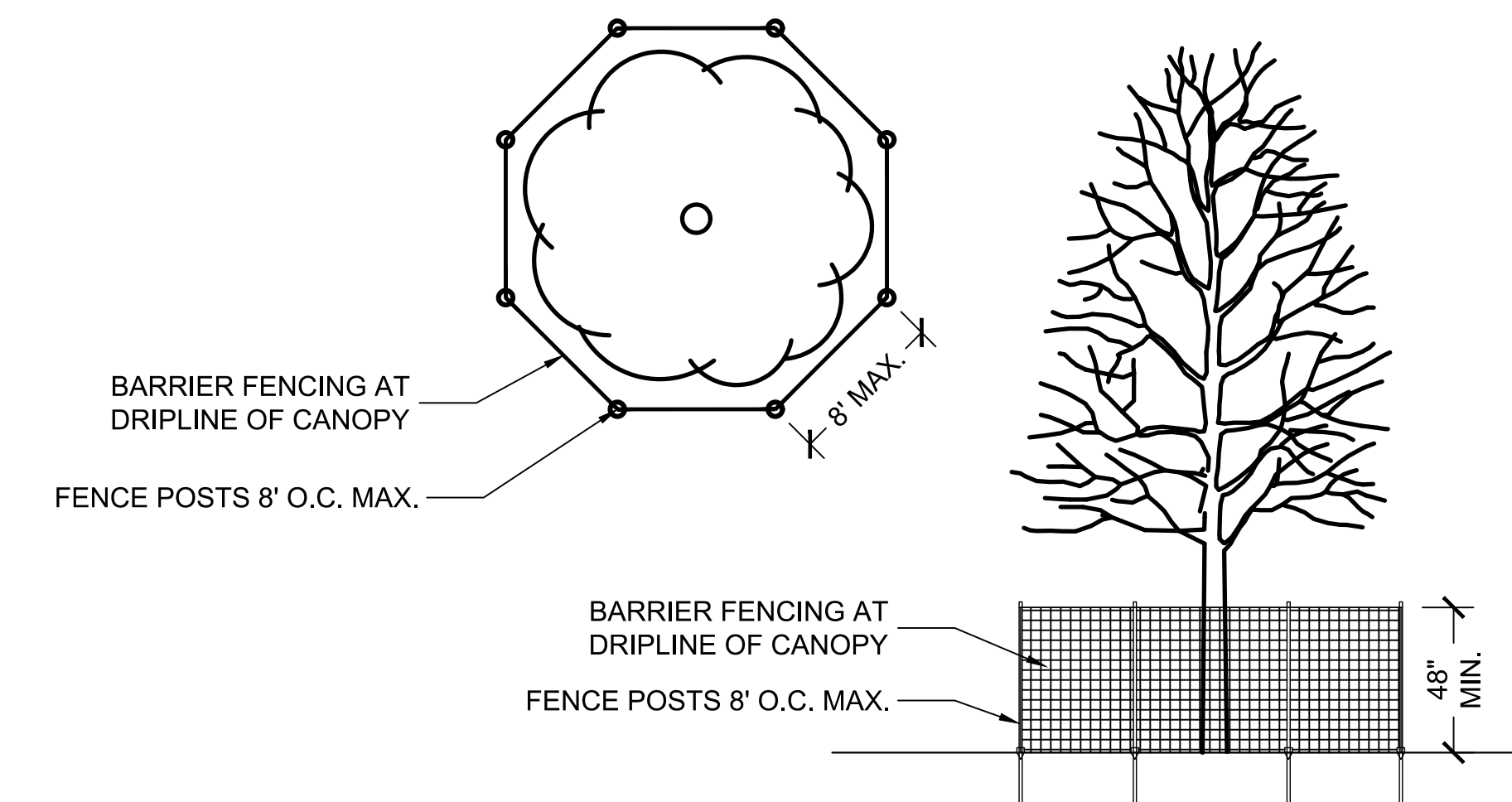
EXISTING VEGETATION DESCRIPTION

THE PROJECT SITE CONSISTS OF A VACANT LOT WHICH CONTAINS 20 TREES FROM 6" CAL. TO 22" CAL.. ADDITIONALLY 3 LARGE TREES EXIST TO THE SOUTHEAST WHICH ARE OFF-SITE AND WILL BE PRESERVED. 19 TREES WILL BE REMOVED AS PART OF THIS CONTRACT. 1 MATURE (16") ACER SACCHARINUM - SILVER MAPLE WILL BE PRESERVED ON-SITE.

**TREE PROTECTION &
REMOVAL NOTES**

- CONTRACTOR SHALL OBTAIN ALL NECESSARY STATE AND LOCAL PERMITS AND PERMISSIONS TO PRUNE, REMOVE, AND/OR TRANSPLANT ANY TREES ON SITE.
- DEAD AND DYING MATERIAL ON THE SITE SHALL BE REMOVED OR PRUNED. MATERIALS NOT LABELED ON THE PROTECTION PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR REMEDIATION.
- DURING CONSTRUCTION EXISTING TREES OVER FOUR INCHES IN CALIPER SHALL BE PROTECTED WITH BARRIER FENCING.
- BARRIER SHALL BE CONSTRUCTED OF A MIN. 3' TALL SNOW FENCE OR SIMILAR AND SUPPORT POSTS MIN. 6' O.C. AND SHALL BE ERECTED ONE FOOT BEYOND THE DRIP LINE OFF ALL EXISTING TREES ON SITE AND ADJACENT SITES TO REMAIN.
- BARRIER FENCING SHOWN ON THE PLAN IS APPROXIMATE. CONTRACTOR SHALL ADJUST LOCATION OF BARRIER TO POSITION OUTLINED IN COMMENT 4.
- NO EXCESS SOIL OR ADDITIONAL FILL, BUILDING MATERIALS OR DEBRIS SHALL BE PLACED WITHIN THE PROTECTIVE BARRIER.
- NO VEHICLES OR HEAVY MACHINERY SHALL BE ALLOWED TO WORK WITHIN THE BARRIER AREA.
- NO ATTACHMENTS OR WIRES, OTHER THAN PROTECTIVE GUY WIRES, SHALL BE ATTACHED TO ANY OF THE TREES WHICH ARE WITHIN PROTECTIVE BARRIER.
- TREES MARKED FOR PRUNING SHALL BE THINNED BY UP TO 25-30% OF SECONDARY BRANCHING. ALL WORK TO BE PERFORMED BY A CERTIFIED ARBORIST
- STUMPS OR TREE REMAINS NOT TO BE FULLY EXCAVATED SHALL BE REMOVED. A STUMP GRINDER SHALL BE USED TO REMOVE ALL REMAINING ROOTS AND WOODY MATERIAL. WITHIN A 24" RADIUS OF THE TREE TRUNK TO MIN. 6" BELOW GRADE. DISTURBED AREA SHALL BE BACKFILLED WITH COMPACTED TOPSOIL TO MEET SURROUNDING GRADES.

**TREE PROTECTION &
REMOVAL LEGEND**



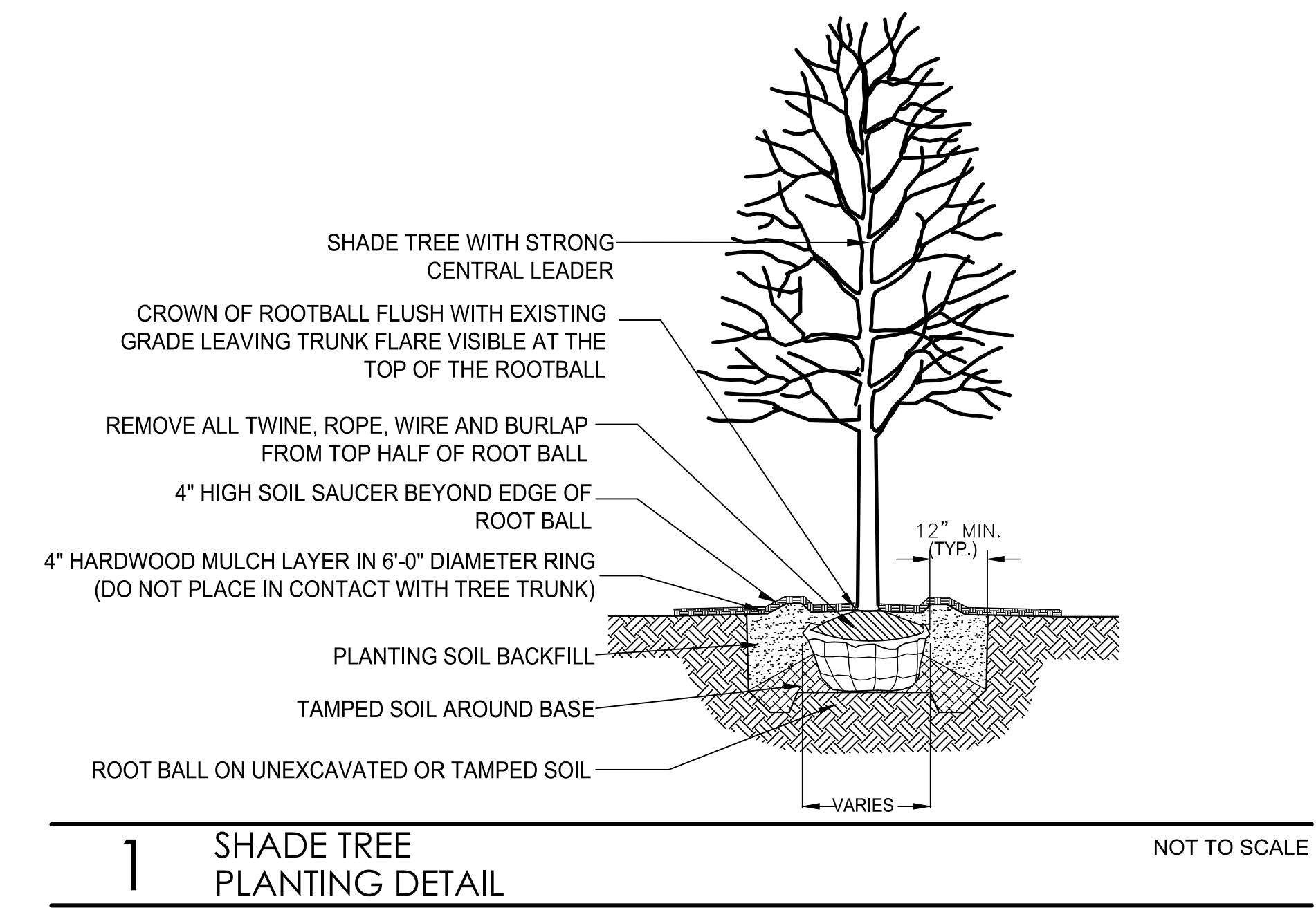
2 TREE PRESERVATION BARRIER
FENCING DETAIL

NOT TO SCALE

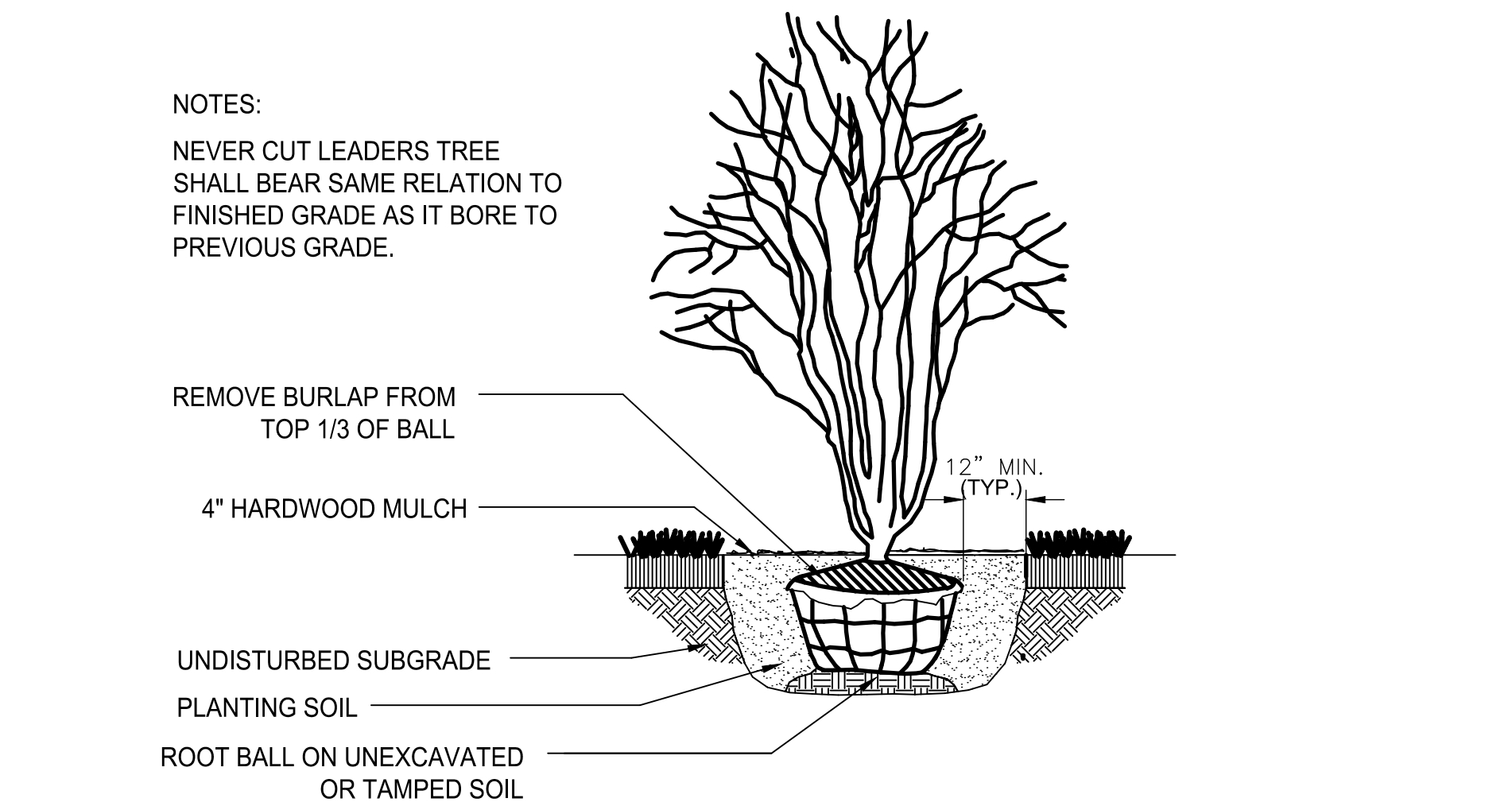


LANDSCAPE NOTES

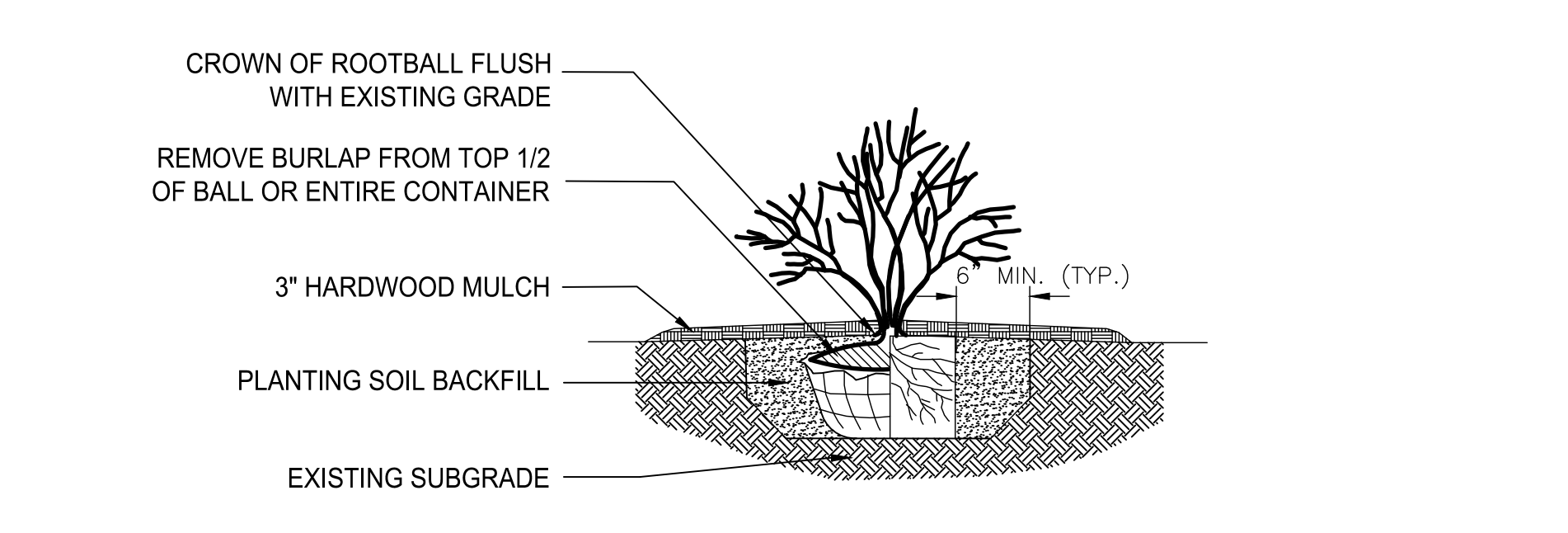
- CONTRACTOR SHALL OBTAIN ALL NECESSARY LOCAL PERMITS AND PERMISSIONS TO INSTALL THE PROPOSED IMPROVEMENTS
- ALL LANDSCAPE MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE TOWN OF PLAINFIELD LANDSCAPING CODES AND ZONING ORDINANCES.
- PRIOR TO COMMENCING ANY WORK, CONTRACTOR SHALL HAVE DIGGERS HOTLINE LOCATE AND MARK ALL UNDERGROUND UTILITY FACILITIES AND LINES.
- ALL PLANT MATERIALS (EXCEPT FOR GROUND COVER, ANNUALS, AND PERENNIALS) SHALL BE BALLED AND BURLAPPED STOCK AND MEET CURRENT STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN'S STANDARD FOR NURSERY STOCK (ANSI 260.1-1986) OR EQUAL. PLANT MATERIALS MUST BE SUPPLIED WITHIN A 150 MILE RADIUS OF PROJECT SITE. CONTRACTOR MAY SUBSTITUTE CONTAINER STOCK FOR SHRUBS IF SIZES ARE EQUAL TO SPECIFIED B&B STOCK, WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT.
- IF SPECIFIED PLANTS ARE NOT AVAILABLE AT THE TIME OF ORDERING, PLANTS WITH SIMILAR WHOLESALE VALUE AND LANDSCAPE CHARACTERISTICS MAY BE SUBSTITUTED UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT AND TOWN STAFF.
- SOIL IN GROUND COVER BEDS SHALL BE AMENDED USING 2 INCHES OF MUSHROOM COMPOST INCORPORATED INTO THE TOP 4 INCHES OF SOIL.
- DISTURBED AREAS TO RECEIVE SOD SHALL BE TILLED TO 6" DEPTH AND FINE GRADED TO PROVIDE SMOOTH BASE SURFACE. IF EXISTING SOIL IS A MAJORITY OF CLAY OR UNSUITABLE, 2" OF FINE GRADED TOPSOIL SHALL BE ADDED PRIOR TO TILLING. EXISTING SOD AREAS SHALL HAVE TURF REMOVED WITH AUTOMATED SODCUTTER OR HAND SPACE TO REMOVE ALL BLADES AND ROOTS. 1" OF FINE GRADED TOPSOIL SHALL BE TILLED AND GRADED.
- TREE AND SHRUB BACKFILL MIXTURE SHALL BE 2 PARTS EXIST. NATIVE TOPSOIL AND 1 PART SPHAGNUM PEAT MOSS W/ DECOMPOSED MANURE.
- ALL SHRUB BEDS AND INDIVIDUAL TREE PLANTINGS, UNLESS OTHERWISE NOTED, SHALL RECEIVE A 4 INCH LAYER OF SHREDDED HARDWOOD MULCH. ALL GROUND COVER, ANNUAL AND PERENNIAL BEDS SHALL RECEIVE A 2 INCH LAYER OF THE SAME MULCH MATERIAL. COSTS FOR MULCH SHALL BE CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE COST OF PLANTINGS.
- NURSERY TAGS (SPECIES, SIZE) FOR ALL SHADE TREES SHALL REMAIN ATTACHED TO TREES UNTIL FINAL APPROVAL FROM MUNICIPALITY.
- THE LANDSCAPE CONTRACTOR SHALL PROVIDE THE OWNER A BONDED WRITTEN ONE-YEAR WARRANTY AGREEMENT (BEGINNING ON THE OWNER'S POSSESSION DATE). THIS AGREEMENT SHALL COVER MAINTENANCE, REPAIR, AND REPLACEMENT OF ALL DEAD OR DAMAGED LANDSCAPING TO PRESERVE THE SAME QUANTITY AND QUALITY AS INITIALLY APPROVED.
- CONTRACTOR SHALL PROVIDE A SEPARATE ESTIMATE FOR AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM FOR COMPLETE EFFECTIVE COVERAGE OF ALL LAWN AREAS AND SHRUB BEDS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL AND APPLY FOR ALL NECESSARY PERMITS PRIOR TO COMMENCING WORK. IRRIGATION PLANS SHALL INCLUDE HUNTER PRO-C CONTROLLER W/WIRELESS SOLAR SYNC STATION AND HUNTER SPRAYHEADS AND NOZZLES. IRRIGATION WORK SHALL BE WARRANTY ALL LABOR AND MATERIALS FOR 1 FULL YEAR AFTER INSTALLATION AND TESTING.
- SEEDED LAWN AREAS SHALL BE BID WITH A BID ALTERNATE FOR HYDROSEEDING LAWN. PRIOR TO SEEDING, 2" OF FINE TOPSOIL SHALL BE TILLED INTO EXIST SOIL MIXTURE. A MIX CONSISTING OF ROUGHLY 30% BLUEGRASS / 30% FINE FESCUES / 40% RYE GRASSES (AND TACKIFIER FOR HYDROSEEDING) SHALL BE APPLIED AT MANUFACTURERS SPECIFIED RATES FOR NEW LAWNS BETWEEN 5 AND 10 LBS PER 1,000 SF.
- TREES AND SHRUBS SHALL NOT BE LOCATED CLOSER THAN TEN (10) FEET TO FIRE HYDRANTS, TRANSFORMERS OR OTHER ABOVE GROUND UTILITIES. ANY DISCREPANCY ON THE PLAN RELATED TO THESE PROXIMATE UTILITIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR RESOLUTION.



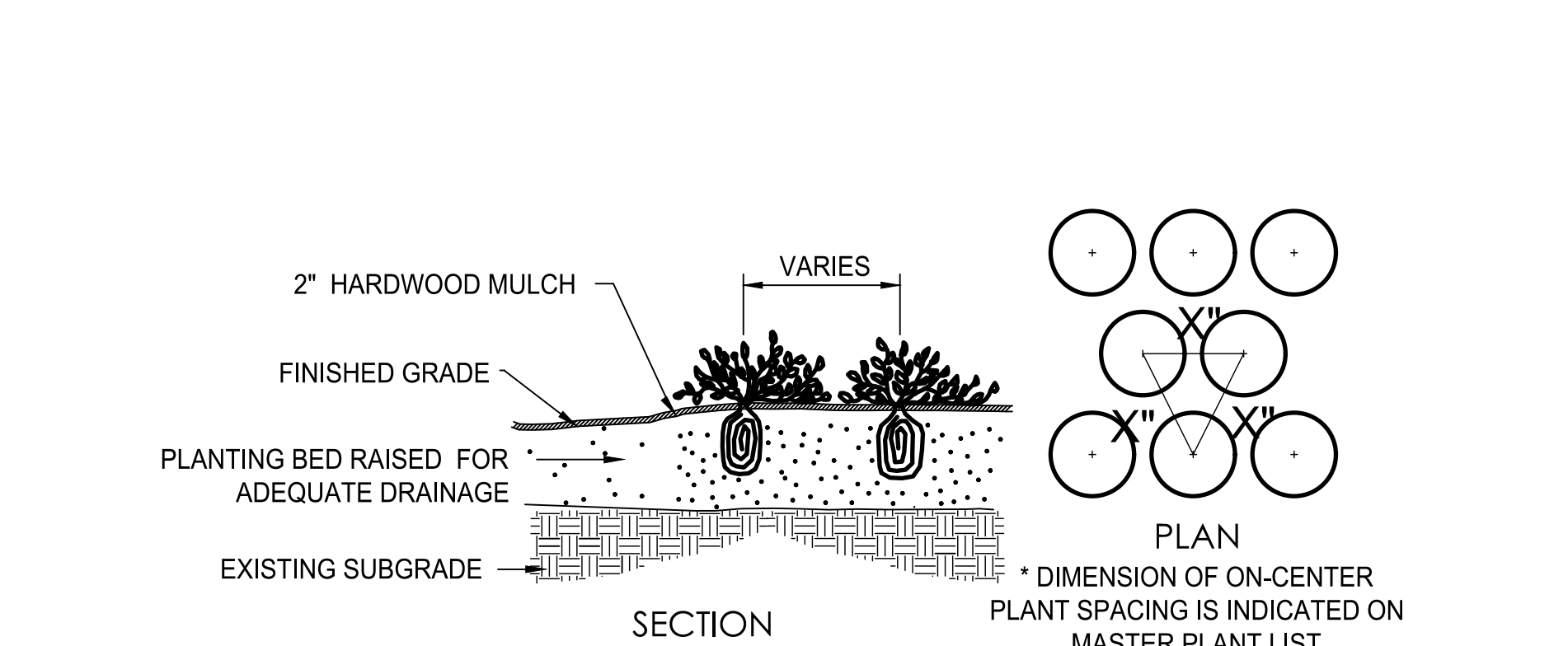
1 SHADE TREE PLANTING DETAIL NOT TO SCALE



2 ORNAMENTAL TREE PLANTING DETAIL NOT TO SCALE



3 SHRUB PLANTING DETAIL NOT TO SCALE



4 PERENNIAL / ANNUAL PLANTING DETAIL NOT TO SCALE

VILLAGE LANDSCAPE REQUIREMENT CALCULATIONS

DESCRIPTION	REQUIREMENT	AREA / CALC.	PROPOSED
TOTAL SITE		87,052 SQ. FT.	
TOTAL BUILDING		17,640 SQ. FT.	
TOTAL PARKING	Square footage of parking area / vehicle use area - # of spaces	39,147 SQ. FT. 42 Spaces	
PARKING LOT LANDSCAPING	All new surface parking lots...shall include at least one interior landscape island measuring eight feet by 18 feet minimum for every 15 parking spaces.	42 / 15 = 2.8	2 ISLANDS 2 SMALLER ISLANDS
	Each interior landscape island shall contain at least one deciduous shade (overstory) tree	3 TREES	2 SHADE TREES 2 ORNAMENTAL TREE
PERIMETER LANDSCAPING OF PARKING LOTS	A compact hedge row located between the front yard or a bufferyard and the edge of the parking area planted three feet on-center (3 ft. o.c.) and between 24 and 30 inches in height at the time of planting	624 L.F. / 3 = 208 SHRUBS	165 SHRUBS 8 EVERGREEN TREES
PERIMETER LANDSCAPING OF PARKING LOTS	Level 1 = Any combination of plants selected from the plant categories listed in Table 4.7-C which equals or exceeds a plant unit value of 1.0 for each 100 lineal feet	952 L.F. / 100 = 9.52	4 EXISTING TREES = 4 X 1.25 = 5.0 12 SHADE TREES = 12 X .75 = 9.0 14.0



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