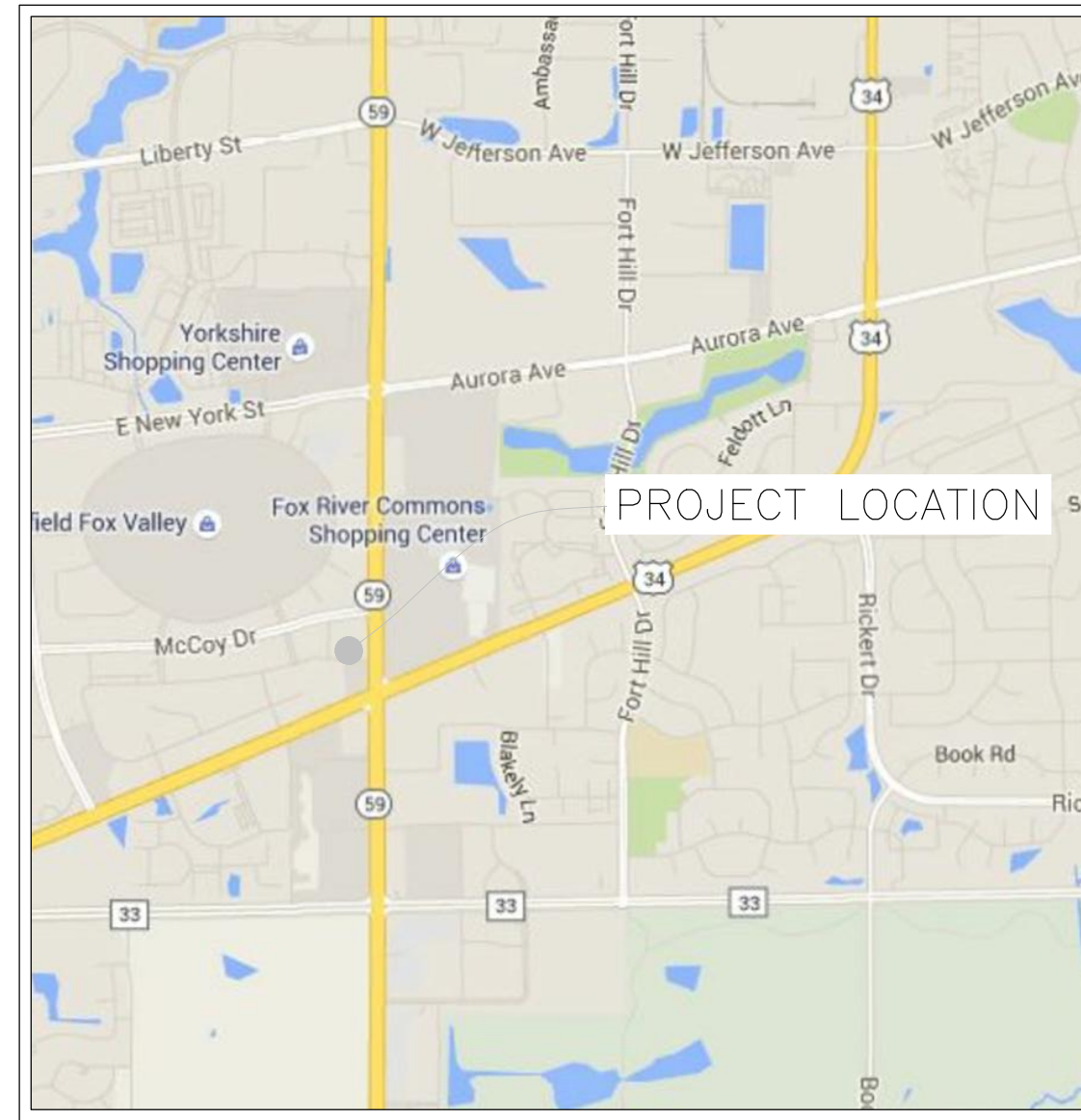


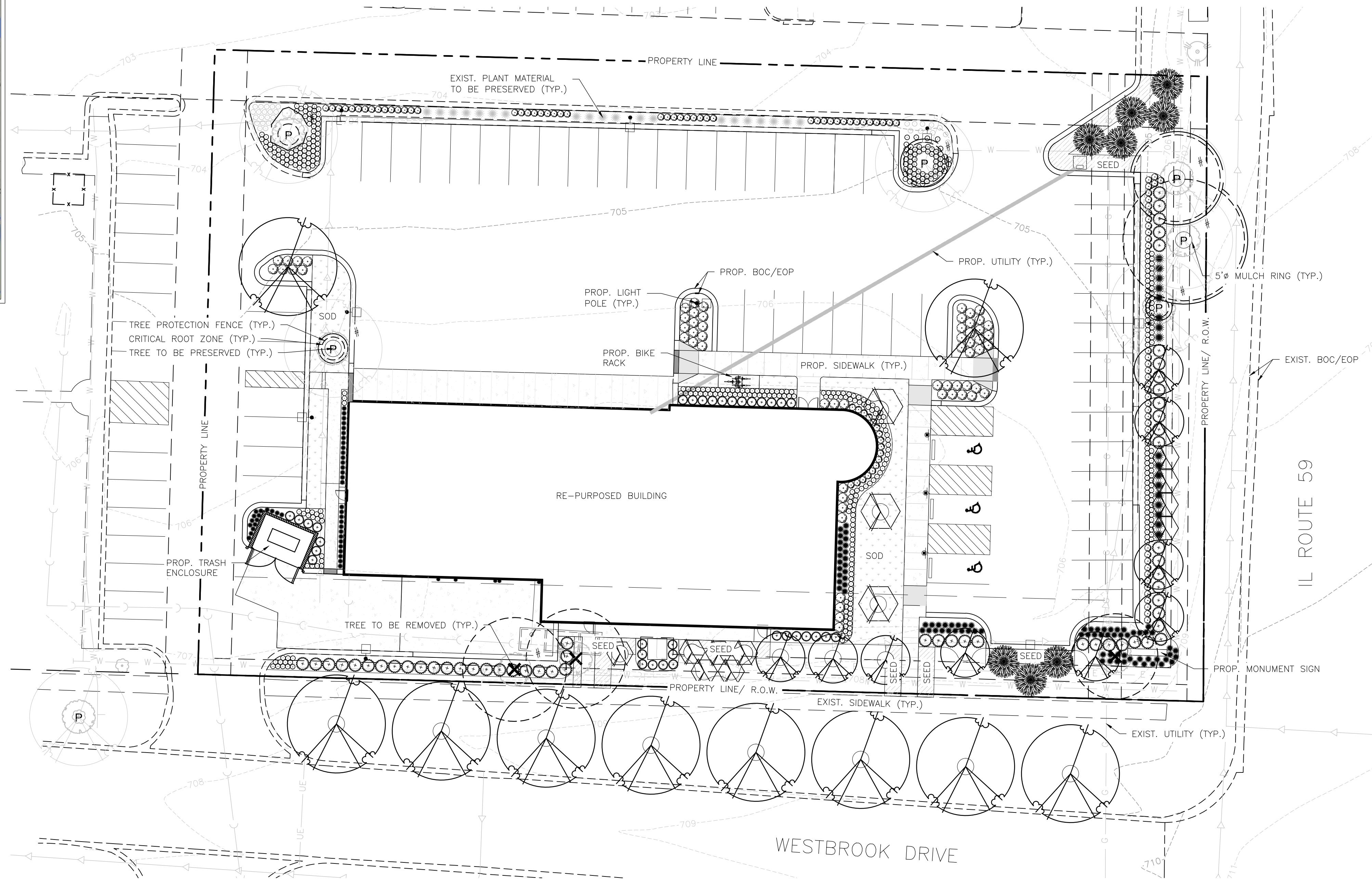
LANDSCAPE PLAN FOR TURTLE WAX LOT 2

ZONED PDD - FOX VALLEY EAST REGION 1, UNIT 20

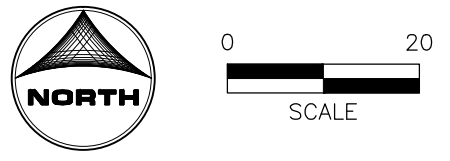


LOCATION MAP

MAP SCALE: 1" = 2,000'



1 LANDSCAPE PLAN
SCALE: 1" = 20'-0"

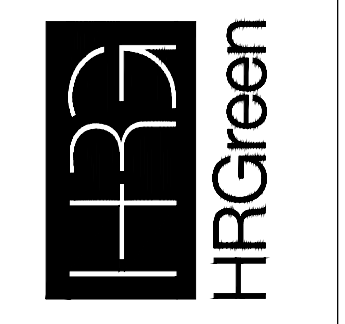


Landscape Data Table: Planting Material Key	
	Canopy Trees (minimum size 2.5 caliper) Count: 26
	Evergreen Trees (minimum size 6 feet) Count: 8
	Understory Trees (minimum size 2.5 caliper or 8 feet if multi-stemmed) Count: 10
	Deciduous Shrubs (minimum of 18 inches) Count: 173
	Evergreen Shrubs (minimum of 18 inches) Count: 89
	Ornamental Grasses Count: 162
	Perennials Count: 417
	Annuals Count: 0
	Groundcover Square Footage: 1673.2439
	Turf (Seed) Square Footage: 709.2369
	Turf (Sod) Square Footage: 1673.2439

Landscape Data Table: CTEs Provided			
	CTE Value	Count Provided	Total CTEs Provided
Canopy Trees	1	26	26
Evergreen Trees	3	8	3
Understory Trees	3	13	4
Deciduous Shrubs	20	173	9
Evergreen Shrubs	20	89	4
Total:		309	46

NO. DATE BY REVISION DESCRIPTION

ILLINOIS DESIGN FIRM
184-001322
420 N. FRONT
STREET, SUITE 100
MCHEENY, IL 60050
PHONE: 815.385.1778
FAX: 815.385.1781



FOX VALLEY AAA - CAR CARE PLUS CENTER
AAA - AMERICAN AUTOMOBILE ASSOCIATION
35 S. ROUTE 59, AURORA, ILLINOIS
LANDSCAPE
LANDSCAPE PLAN

BAR IS ONE INCH ON OFFICIAL DRAWINGS
IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY

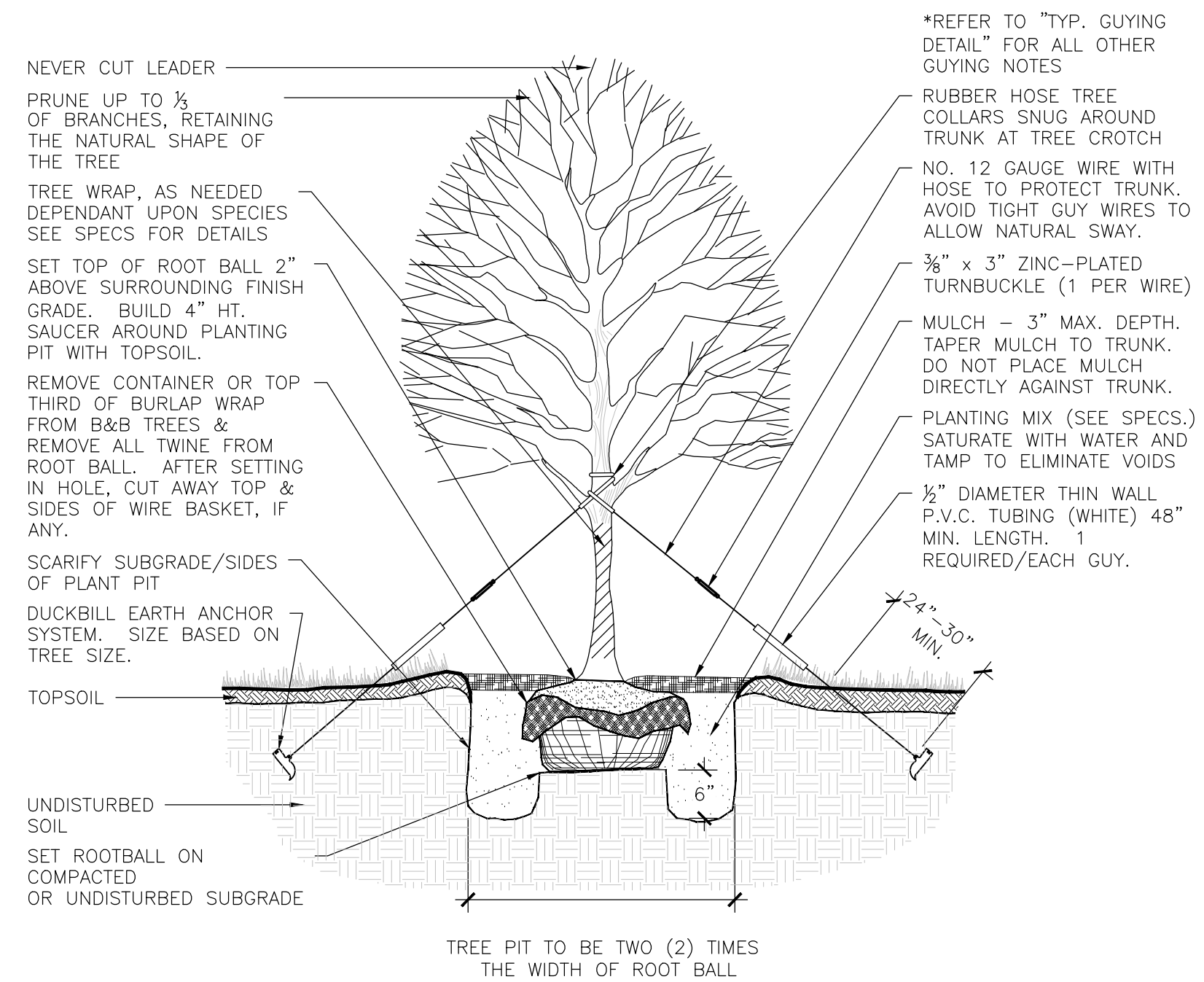
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JOB DATE: 11/3/15
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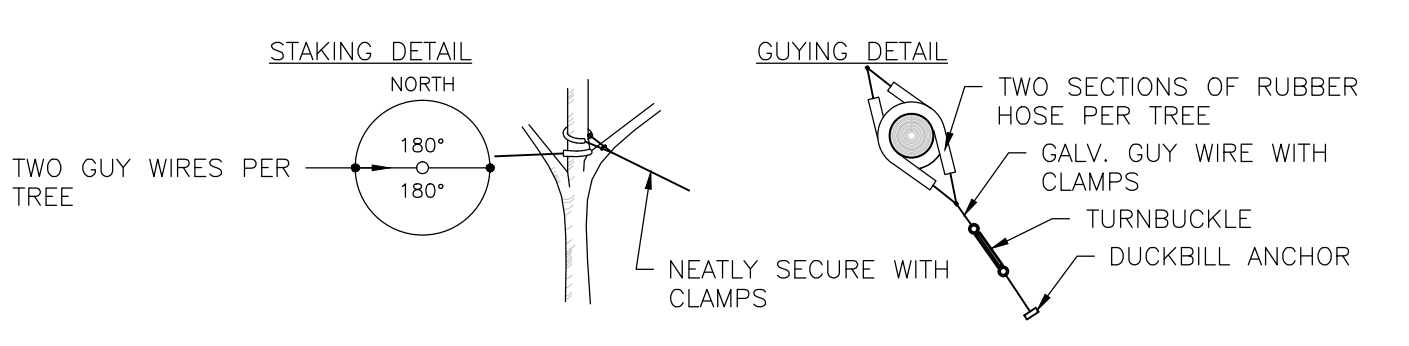


FOR REVIEW



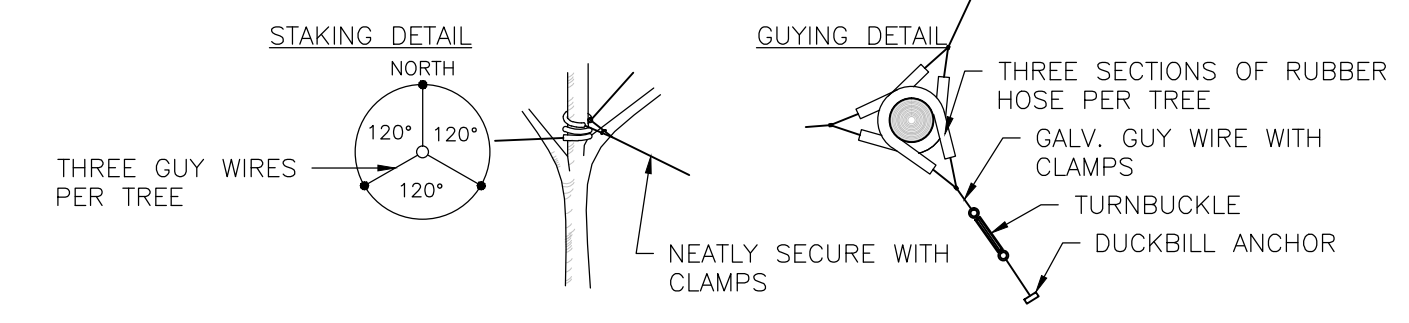
1 TYP. DECIDUOUS TREE PLANTING DETAIL
SCALE: NTS

- GUYING STANDARDS**
- TWO (2) MODEL 68 DUCKBILL ANCHORS (HOLDING CAPACITY 1100# PER ANCHOR IN NORMAL SOIL.
 - 13' OR 3/4" 7x7 GALVANIZED STEEL CABLE WITH TURNBUCKLE ATTACHED MID-CABLE.
 - 1/2" DIAMETER THIN WALL P.V.C. TUBING (WHITE) 48" MINIMUM LENGTH. ONE (1) REQUIRED/EACH GUY.
 - TWO (2) TURNBUCKLES, EYE AND EYE TYPE, 3/8" THREAD DIAMETER WITH 3" TAKE-UP
 - FOUR (4) 3/8" CABLE CLAMPS, ZINC PLATED (DR-2 STEEL DRIVE ROD 2" LONG WITH 3/8" ROUND DRIVING TIP NEEDED TO INSTALL ANCHORS. ONE ROD, NOT INCLUDED IN KIT, DRIVES HUNDREDS OF ANCHORS)
 - TWO (2) RUBBER HOSE TREE COLLARS, 21" LONG, EA.



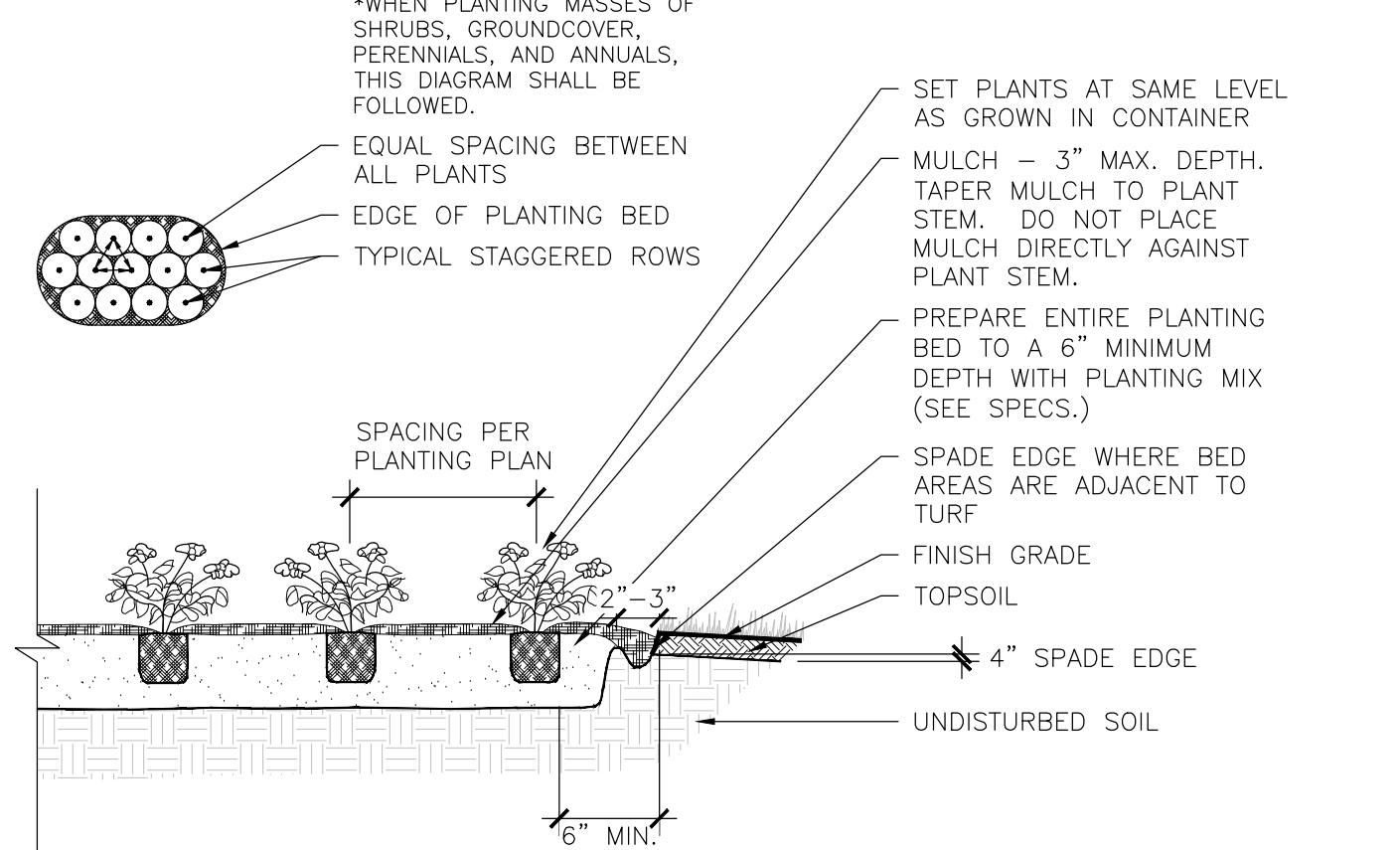
*APPLIES TO SINGLE TRUNK DECIDUOUS TREES 3" CAL. AND LESS & EVERGREEN TREES 8' HT. AND LESS

- GUYING STANDARDS**
- THREE (3) MODEL 68 DUCKBILL ANCHORS (HOLDING CAPACITY 1100# PER ANCHOR IN NORMAL SOIL.
 - 13' OR 3/4" 7x7 GALVANIZED STEEL CABLE WITH TURNBUCKLE ATTACHED MID-CABLE.
 - 1/2" DIAMETER THIN WALL P.V.C. TUBING (WHITE) 48" MINIMUM LENGTH. ONE (1) REQUIRED/EACH GUY.
 - THREE (3) TURNBUCKLES, EYE AND EYE TYPE, 3/8" THREAD DIAMETER WITH 3" TAKE-UP
 - SIX (6) 3/8" CABLE CLAMPS, ZINC PLATED (DR-2 STEEL DRIVE ROD 2" LONG WITH 3/8" ROUND DRIVING TIP NEEDED TO INSTALL ANCHORS. ONE ROD, NOT INCLUDED IN KIT, DRIVES HUNDREDS OF ANCHORS)
 - THREE (3) RUBBER HOSE TREE COLLARS, 21" LONG, EA.

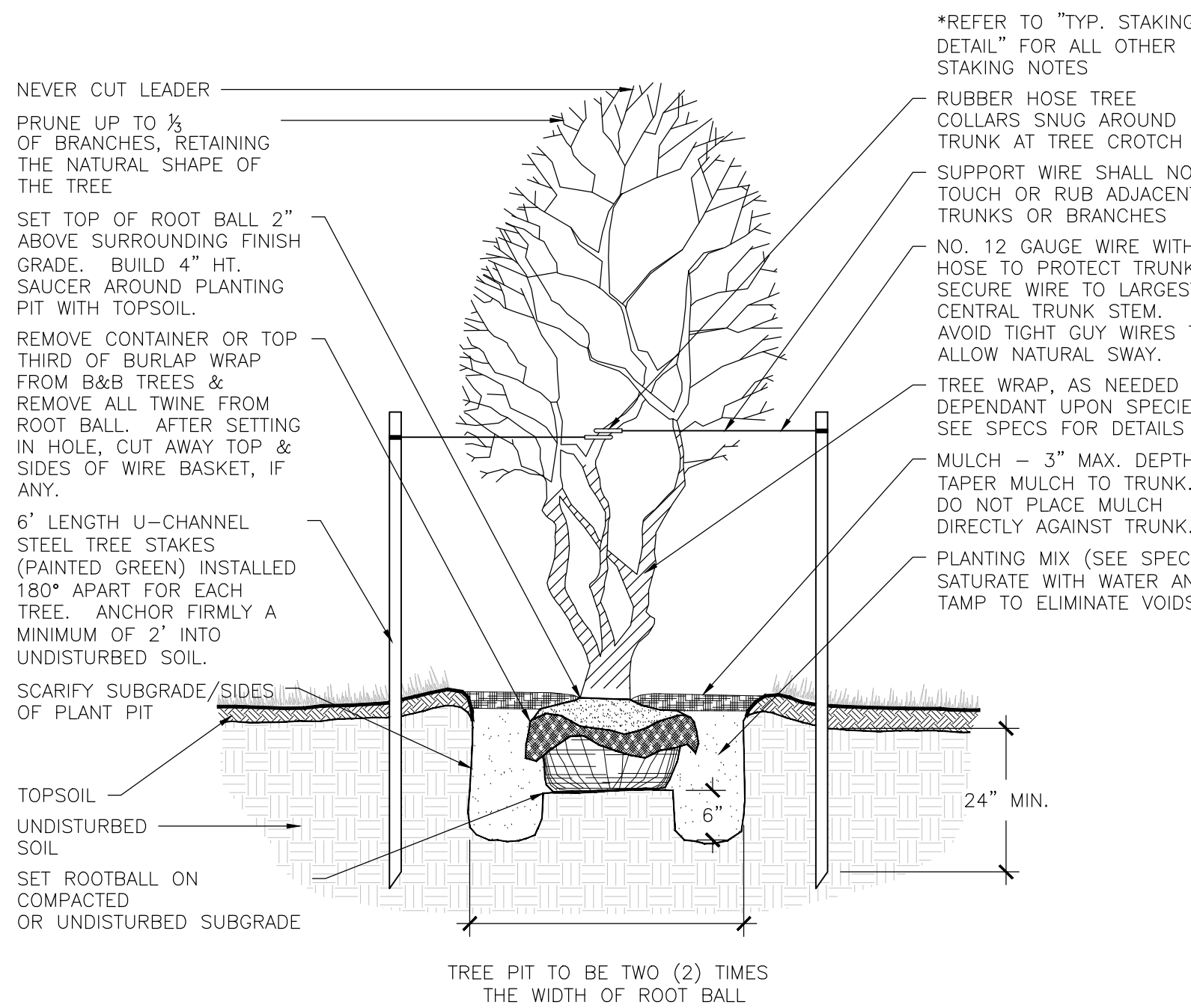


*APPLIES TO SINGLE TRUNK DECIDUOUS TREES GREATER THAN 3" CAL. & EVERGREEN TREES GREATER THAN 8' HT.

3 TYP. GUYING DETAIL
SCALE: NTS

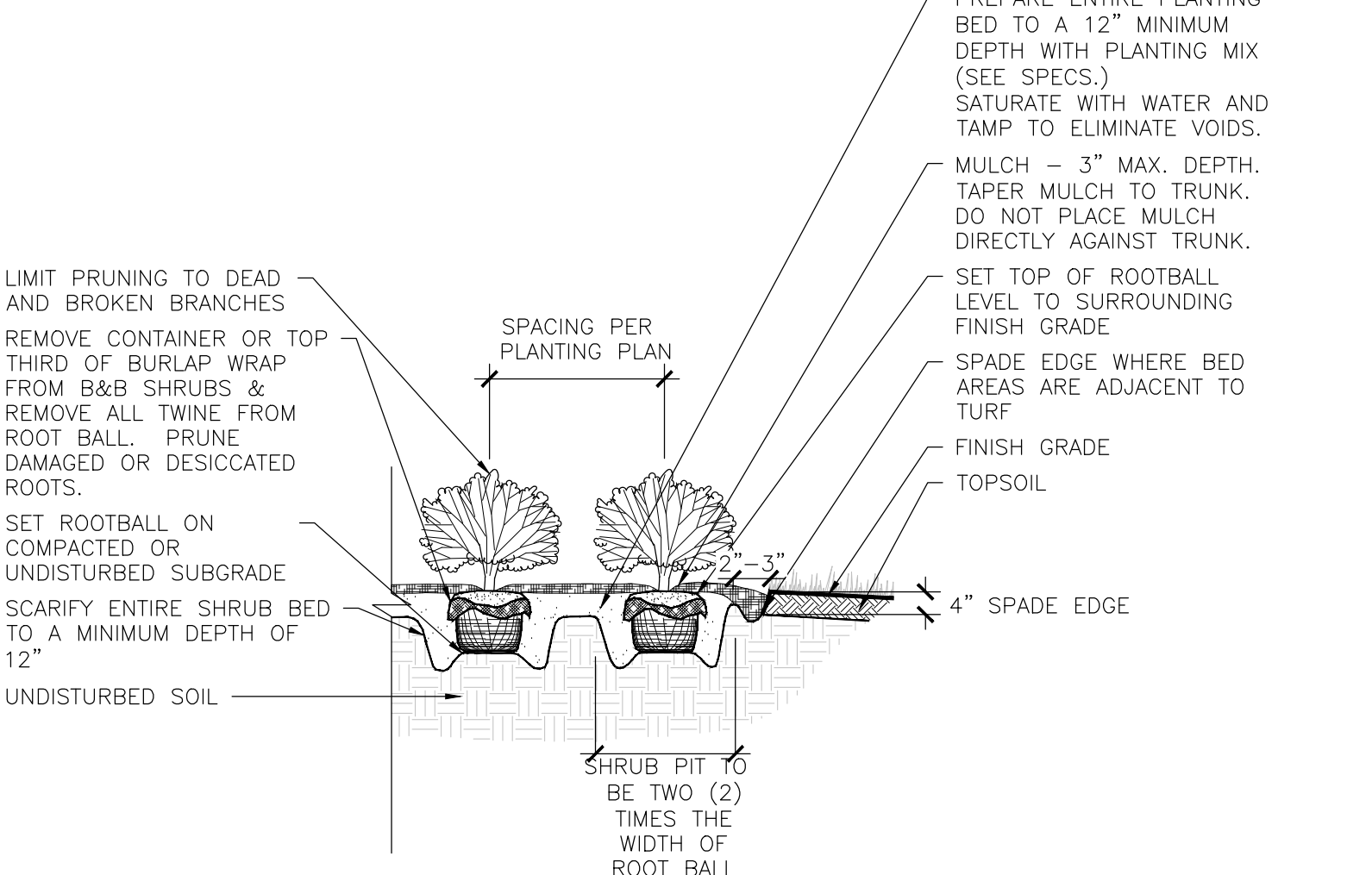


5 TYP. PERENNIAL PLANTING DETAIL
SCALE: NTS

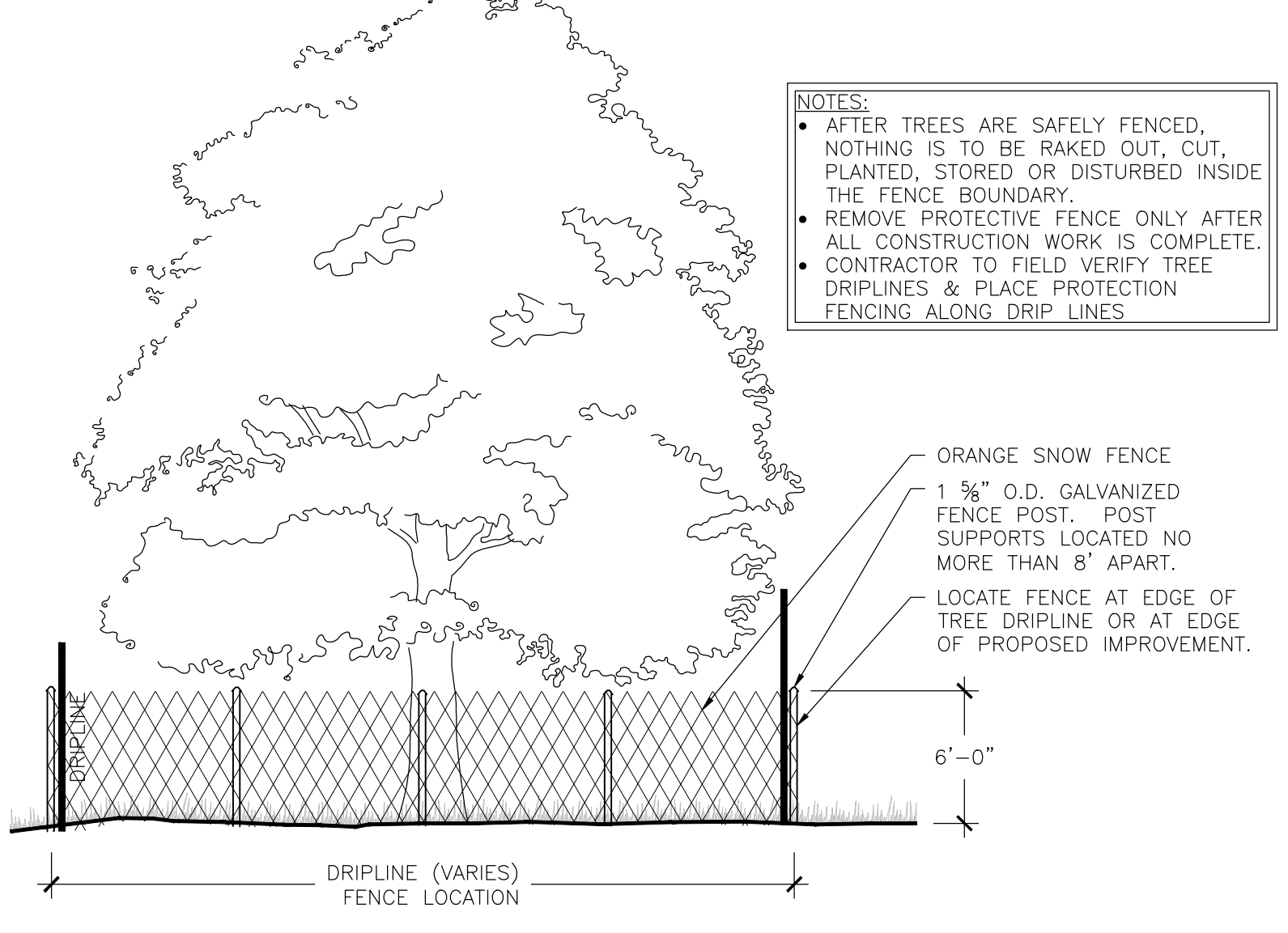


2 TYP. ORNAMENTAL TREE PLANTING DETAIL
SCALE: NTS

- GUYING STANDARDS**
- TWO (2) MODEL 68 DUCKBILL ANCHORS (HOLDING CAPACITY 1100# PER ANCHOR IN NORMAL SOIL.
 - 13' OR 3/4" 7x7 GALVANIZED STEEL CABLE WITH TURNBUCKLE ATTACHED MID-CABLE.
 - 1/2" DIAMETER THIN WALL P.V.C. TUBING (WHITE) 48" MINIMUM LENGTH. ONE (1) REQUIRED/EACH GUY.
 - TWO (2) TURNBUCKLES, EYE AND EYE TYPE, 3/8" THREAD DIAMETER WITH 3" TAKE-UP
 - FOUR (4) 3/8" CABLE CLAMPS, ZINC PLATED (DR-2 STEEL DRIVE ROD 2" LONG WITH 3/8" ROUND DRIVING TIP NEEDED TO INSTALL ANCHORS. ONE ROD, NOT INCLUDED IN KIT, DRIVES HUNDREDS OF ANCHORS)
 - TWO (2) RUBBER HOSE TREE COLLARS, 21" LONG, EA.



4 TYP. SHRUB PLANTING DETAIL
SCALE: NTS



6 TYP. TREE PROTECTION SNOW FENCE DETAIL
SCALE: NTS

- GENERAL NOTES
- BASE MAP INFORMATION IS ACCURATE AS OF THE DATE PRINTED ON THIS PACKAGE.
 - THE LANDSCAPE PLANS CONTAINED HEREIN ILLUSTRATE APPROXIMATE LOCATIONS OF ALL SITE CONDITIONS. REFER TO SURVEY, ARCHITECTURAL, CIVIL ENGINEERING, STRUCTURAL, ELECTRICAL, IRRIGATION AND ALL OTHER DRAWINGS, IF AVAILABLE, FOR ADDITIONAL DETAILED INFORMATION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING AWARE OF AND FIELD VERIFYING ALL RELATED EXISTING AND PROPOSED CONDITIONS, UTILITIES, PIPES AND STRUCTURES, ETC. PRIOR TO BIDDING AND CONSTRUCTION. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR CONTACTING J.U.L.I.E., THE MUNICIPAL PUBLIC WORKS DEPARTMENT, THE COUNTY AND ANY OTHER PUBLIC OR PRIVATE AGENCIES NECESSARY FOR UTILITY LOCATION PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF APPARENT CONFLICTS WITH CONSTRUCTION AND UTILITIES SO THAT ADJUSTMENTS CAN BE PLANNED PRIOR TO INSTALLATION. IF FIELD ADJUSTMENTS ARE NECESSARY DUE TO EXISTING UTILITY LOCATIONS THEY MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY AND ALL COSTS OR OTHER LIABILITIES INCURRED DUE TO DAMAGE OF SAID UTILITIES/STRUCTURES/ETC.
 - THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS. THE CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS APPARENT THAT UNKNOWN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR CLARIFICATION. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL LIABILITIES, INCLUDING NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
 - THE CONTRACTOR SHALL COMPLY WITH ALL CODES APPLICABLE TO THIS WORK.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH SUBCONTRACTORS AND OTHER CONTRACTORS OF RELATED TRADES, AS REQUIRED, TO ACCOMPLISH THE PLANTING AND RELATED OPERATIONS.
 - THE CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL PLANT MATERIAL WITH THE INSTALLATION OF OTHER IMPROVEMENTS SUCH AS HARDSCAPE ELEMENTS AND RELATED STRUCTURES. ANY DAMAGE TO EXISTING IMPROVEMENTS IS THE RESPONSIBILITY OF THE CONTRACTOR.
 - THE CONTRACTOR IS RESPONSIBLE TO RESTORE ALL AREAS OF THE SITE, OR ADJACENT AREAS, WHERE DISTURBED BY OPERATIONS OF OR RELATED TO THE CONTRACTOR'S WORK.
 - ALL SURFACE DRAINAGE SHALL BE DIVERTED AWAY FROM STRUCTURES AND NOTED SITE FEATURES IN ALL AREAS AT A MINIMUM OF 2% SLOPE AS SHOWN ON THE CIVIL ENGINEERING PLANS. ALL AREAS SHALL POSITIVELY DRAIN AND ALL ISLANDS SHALL BE CROWNED 1" IN HEIGHT PER 1' IN ISLAND WIDTH.
 - THE CONTRACTOR SHALL STAKE ALL IMPROVEMENTS AS NOTED ON THE FOLLOWING PLANS, AS WELL AS, TREE LOCATIONS AND THE PERIMETER OF SHRUB/PERENNIAL BEDS PRIOR TO INSTALLATION AND CONTACT THE OWNER'S REPRESENTATIVE FOR APPROVAL. FINAL LOCATION AND STAKING OF ALL IMPROVEMENTS SHALL BE ACCEPTED BY THE OWNER'S REPRESENTATIVE IN ADVANCE OF INSTALLATION.
 - IF CONFLICTS ARISE BETWEEN THE SIZE OF AREAS AND PLANS, THE CONTRACTOR IS REQUIRED TO CONTACT THE OWNER'S REPRESENTATIVE FOR RESOLUTION PRIOR TO INSTALLATION.
 - WHERE PROVIDED, AREA TAKEOFFS AND PLANT QUANTITY ESTIMATES IN THE PLANT LIST ARE FOR INFORMATION ONLY. THE CONTRACTOR IS RESPONSIBLE TO DO THEIR OWN QUANTITY TAKE-OFFS FOR ALL PLANT MATERIALS AND SIZES SHOWN ON PLANS. IN CASE OF ANY DISCREPANCIES, PLANS TAKE PRECEDENCE OVER CALL-OUTS AND/OR THE PLANT LIST(S).
 - ALL PLANTS SHALL BE NURSERY GROWN PLANTS MEETING AMERICAN NURSERY AND LANDSCAPE ASSOCIATION (ANLA) STANDARDS SET FORTH IN THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1-2004). PLANTS ARE TO BE TYPICAL IN SHAPE AND SIZE FOR SPECIES. PLANTS PLANTED IN ROWS OR GROUPS SHALL BE MATCHED IN FORM. PLANTS SHALL NOT BE ROOT-BOUND OR LOOSE IN THEIR CONTAINERS. HANDLE ALL PLANTS WITH CARE IN TRANSPORTING, PLANTING AND MAINTENANCE UNTIL INSPECTION AND FINAL ACCEPTANCE. FIELD COLLECTED MATERIAL SHALL NOT BE USED UNLESS APPROVED BY THE OWNER'S REPRESENTATIVE.
 - SHREDDED HARDWOOD MULCH, FERTILIZING, AS SPECIFIED, STAKING, WATERING AND ONE (1) YEAR PLANT WARRANTY FOR INSTALLED PLANT MATERIAL, SHALL BE CONSIDERED INCIDENTAL TO THE PLANT ITEMS.
 - MUSHROOM COMPOST SHALL BE FINELY SCREENED, HOMOGENOUS, DECOMPOSED ORGANIC MATERIAL SUITABLE FOR HORTICULTURAL USE AS AVAILABLE FROM MIDWEST TRADING HORTICULTURAL SUPPLIES, INC. ST. CHARLES, IL 60174 (630) 365-1990 OR APPROVED EQUAL. MIX THOROUGHLY IN PLANT BED BEFORE INSTALLING PLANTS.
 - WARRANTY: ONE (1) YEAR REPLACEMENT WARRANTY FOR ALL PLANT MATERIALS SHALL BE CONSIDERED INCIDENTAL TO THIS PROJECT. WARRANTY SHALL COVER PLANTS WHICH HAVE DIED OR PARTIALLY DIED (THEREBY RUINING THEIR NATURAL SHAPE), BUT SHALL NOT INCLUDE DAMAGE BY VANDALISM, BROWSING, HAIL, ABNORMAL FREEZES, DROUGHT OR NEGLIGENCE BY THE OWNER. THE WARRANTY IS INTENDED TO COVER CONTRACTOR NEGLIGENCE, INFESTATIONS, DISEASE AND DAMAGE OR SHOCK TO PLANTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND WATERING THE PLANT MATERIAL AS NECESSARY, TO ENSURE GROWTH AND ESTABLISHMENT DURING THE 1-YEAR WARRANTY PERIOD. ANY PLANTS THAT ARE NOT IN A LIVE, HEALTHY, GROWING CONDITION AT THE END OF THE 1-YEAR WARRANTY PERIOD SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. PLANTS REPLACED UNDER WARRANTY WILL BE WARRANTED FOR ONE (1) YEAR FOLLOWING REPLACEMENT.

- GENERAL NOTES - SPECIAL REQUIREMENTS- WARRANTY AND MAINTENANCE OF SODDED AND SEEDED AREAS
- MOWING, TRIMMING AND REMOVAL OF GRASS CLIPPINGS IN TURF AREAS, DURING INITIAL 60 DAYS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. DURING THIS TIME, CONTRACTOR SHALL MOW TURF AREAS AT REGULAR INTERVALS TO MAINTAIN AT A MAXIMUM HEIGHT OF 2-1/2 INCHES. DO NOT CUT MORE THAN 1/3 OF GRASS BLADE AT ANY ONE MOWING. CONTRACTOR SHALL ALSO NEATLY TRIM EDGES WHERE NECESSARY AND REMOVE CLIPPINGS AFTER MOWING AND TRIMMING.
 - WARRANTY:
 - A WARRANTY OF SEEDED AND SODDED AREAS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM.
 - THE WARRANTY IS TO GUARANTEE COMPLETED SEED/SOD AREAS FOR A PERIOD OF 1 YEAR AFTER INITIAL ACCEPTANCE HAS BEEN DOCUMENTED.
 - REPLACEMENT COSTS ARE THE CONTRACTOR'S RESPONSIBILITY, EXCEPT FOR THOSE RESULTING FROM LOSS OR DAMAGE DUE TO VANDALISM, CIVIL DISOBEDIENCE, ACTS OF NEGLIGENCE ON THE PART OF OTHERS, PHYSICAL DAMAGE BY ANIMALS, VEHICLES, FIRE, OR LOSSES DUE TO CURTAILMENT OF WATER BY LOCAL AUTHORITY, OR BY "ACTS OF GOD."
 - MAINTENANCE:
 - CONTRACTOR SHALL COORDINATE MAINTENANCE OPERATIONS AND ACTIVITIES WITH THE OWNER DURING THE WARRANTY PERIOD.
 - MAINTENANCE OF SEED/SOD AREAS SHALL BE PERFORMED BY TRAINED PERSONNEL SKILLED IN IDENTIFYING DESIRED AND UNDESIRE PLANT MATERIAL.
 - CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF SEEDED AND SOD AREAS DURING THE 1 YEAR WARRANTY PERIOD WITH THE EXCEPTION OF ROUTINE MOWING OF TURF AREAS. ROUTINE MOWING OF TURF AREAS, DURING THE 1 YEAR WARRANTY PERIOD, WILL BE THE RESPONSIBILITY OF THE OWNER ONCE INITIAL ACCEPTANCE HAS BEEN DOCUMENTED.
 - MAINTENANCE OF SEEDED AND SOD AREAS SHALL INCLUDE:
 - WATERING TO PREVENT GRASS AND SOIL FROM DRYING OUT.
 - ROLLING THE SURFACE TO REMOVE MINOR DEPRESSIONS OR IRREGULARITIES.
 - CONTROLLING GROWTH OF WEEDS. APPLY HERBICIDES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. REMEDY DAMAGE RESULTING FROM IMPROPER USE OF HERBICIDES.
 - PROTECTING SEEDED/SOD AREAS WITH WARNING SIGNS DURING MAINTENANCE AND WARRANTY PERIOD AS DEEMED NECESSARY.
 - IN THE SPRING OF EACH YEAR DURING THE 1 YEAR WARRANTY PERIOD, THE CONTRACTOR SHALL CORRECT AND RESEED AS ORIGINALLY SPECIFIED, ANY DEFECTS IN THE SEEDED/SOD AREAS AND GRASS STAND, SUCH AS WEEDY AREAS, ERODED AREAS, AND BARE SPOTS, UNTIL AFFECTED AREAS ARE ACCEPTABLE TO THE OWNER'S REPRESENTATIVE.
 - IN THE SPRING DURING THE 1 YEAR WARRANTY PERIOD, THE CONTRACTOR SHALL REPLACE OR REPAIR TO ORIGINAL CONDITION, ALL DAMAGES TO PROPERTY RESULTING FROM THE SEEDING/SODDING OPERATION OR FROM THE REMEDYING OF DEFECTS, AT THE CONTRACTOR'S EXPENSE.
- SPECIAL REQUIREMENTS - MAINTENANCE
- BEGIN MAINTENANCE IMMEDIATELY FOLLOWING INSTALLATION OF SOD AND CONTINUE FOR A PERIOD UNTIL SODDED AREAS ARE ESTABLISHED WITH SOD ROOTED IN PLACE. MAINTENANCE PERIOD SHALL BE A MINIMUM OF 14 DAYS.
 - MAINTENANCE OF SODDED AREAS SHALL INCLUDE WATERING, WEEDING, MOWING TO A 2 - 2 1/2 INCH HEIGHT AFTER HEIGHT HAS EXCEEDED 3 INCHES AND PRIOR TO 4 INCHES, AND REPLACEMENT AND INSTALLATION OF SOD AS ORIGINALLY SPECIFIED FOR SODDED AREAS FAILING TO SURVIVE. CLIPPINGS FROM MOWING WHICH MAT ON THE GRASS, ARE TO BE REMOVED.

- SPECIAL REQUIREMENTS - WARRANTY
- A WARRANTY IS REQUIRED TO GUARANTEE COMPLETED SODDING OPERATIONS PROVIDING A UNIFORMLY DENSE, LIVE, AND HEALTHY STAND OF GRASS, FREE OF WEEDS AND UNDESIRABLE GRASSES, DEBRIS, AND FREE OF ERODED AREAS, BARE SPOTS, DISEASES, AND INSECTS AT THE END OF ONE YEAR'S FOLLOWING THE MINIMUM MAINTENANCE PERIOD OR PROJECT ACCEPTANCE, WHICHEVER IS MORE RECENT.
 - CONTRACTOR TO REPLACE AS ORIGINALLY SPECIFIED AREAS THAT HAVE FAILED TO SURVIVE, AS OFTEN AS REQUIRED, TO ESTABLISH THE SODDED LAWN AREA UNTIL ACCEPTED; AT NO ADDITIONAL COMPENSATION.
 - REPAIR AND REPLACE TO ORIGINAL CONDITION ALL DAMAGES TO PROPERTY RESULTANT FROM THE SODDING OPERATION AND ALL DAMAGES AS A RESULT FROM THE REMEDYING OF THESE DEFECTS, WITHOUT ADDITIONAL COMPENSATION.



7 TYP. ROOT PRUNING DETAIL
SCALE: NTS

REVISION DESCRIPTION

NO. DATE BY

ILLINOIS DESIGN FIRM
184.001322
420 N. FRONT
STREET, SUITE 100
McHENRY, IL 60050
PHONE: 815.385.1778
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HRGreen

FOX VALLEY AAA - CAR CARE PLUS CENTER
AAA - AMERICAN AUTOMOBILE ASSOCIATION
35 S. ROUTE 59, AURORA, ILLINOIS
LANDSCAPE LANDSCAPE DETAILS

BAR IS ONE INCH ON OFFICIAL DRAWINGS
1" = 1' IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY

DRAWN BY: SKD
APPROVED: MAR
JOB DATE: 11/3/15
JOB NO: 86140405

DRAWING
L-02

811
Know what's below.
Call before you dig.

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