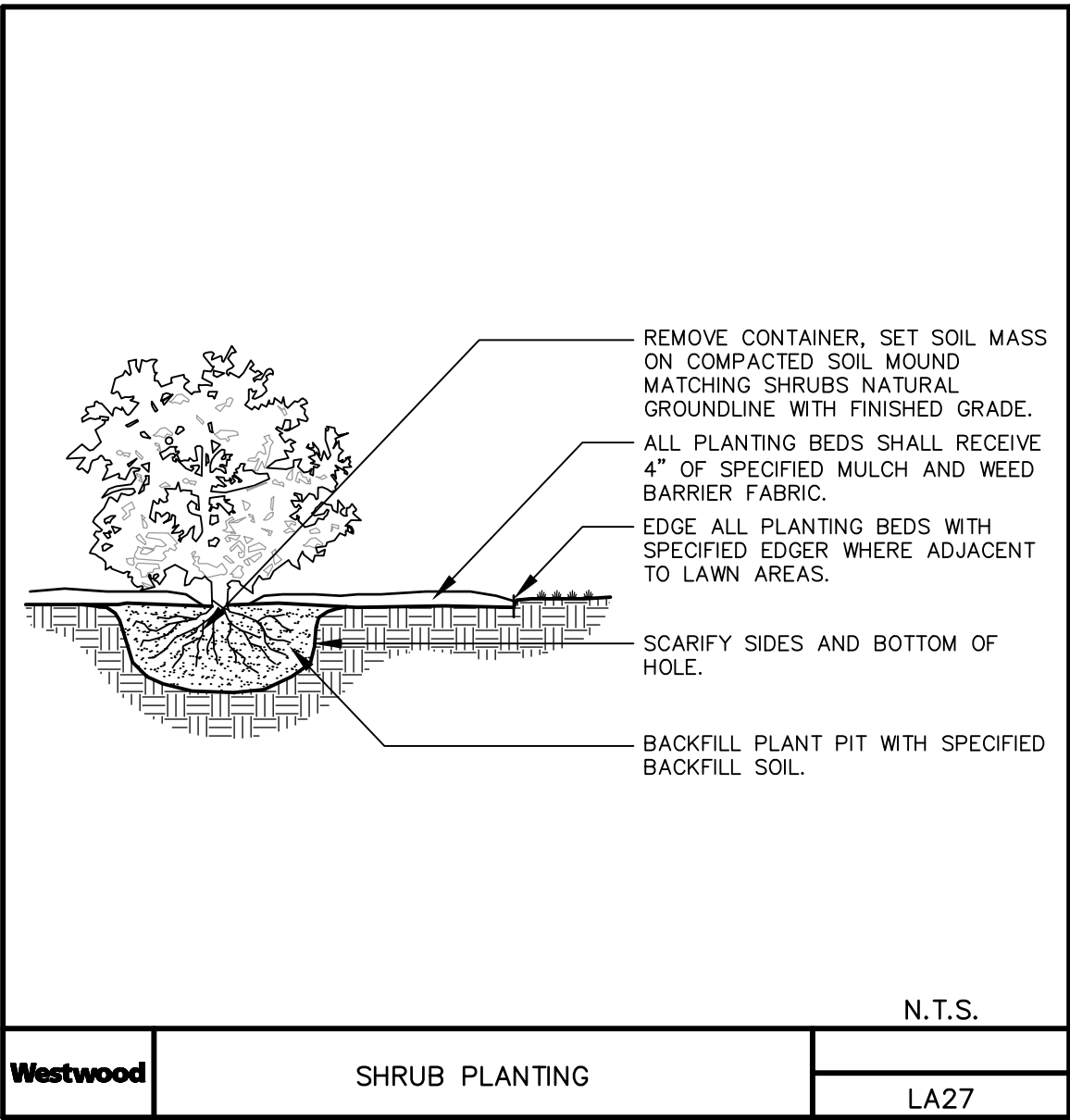
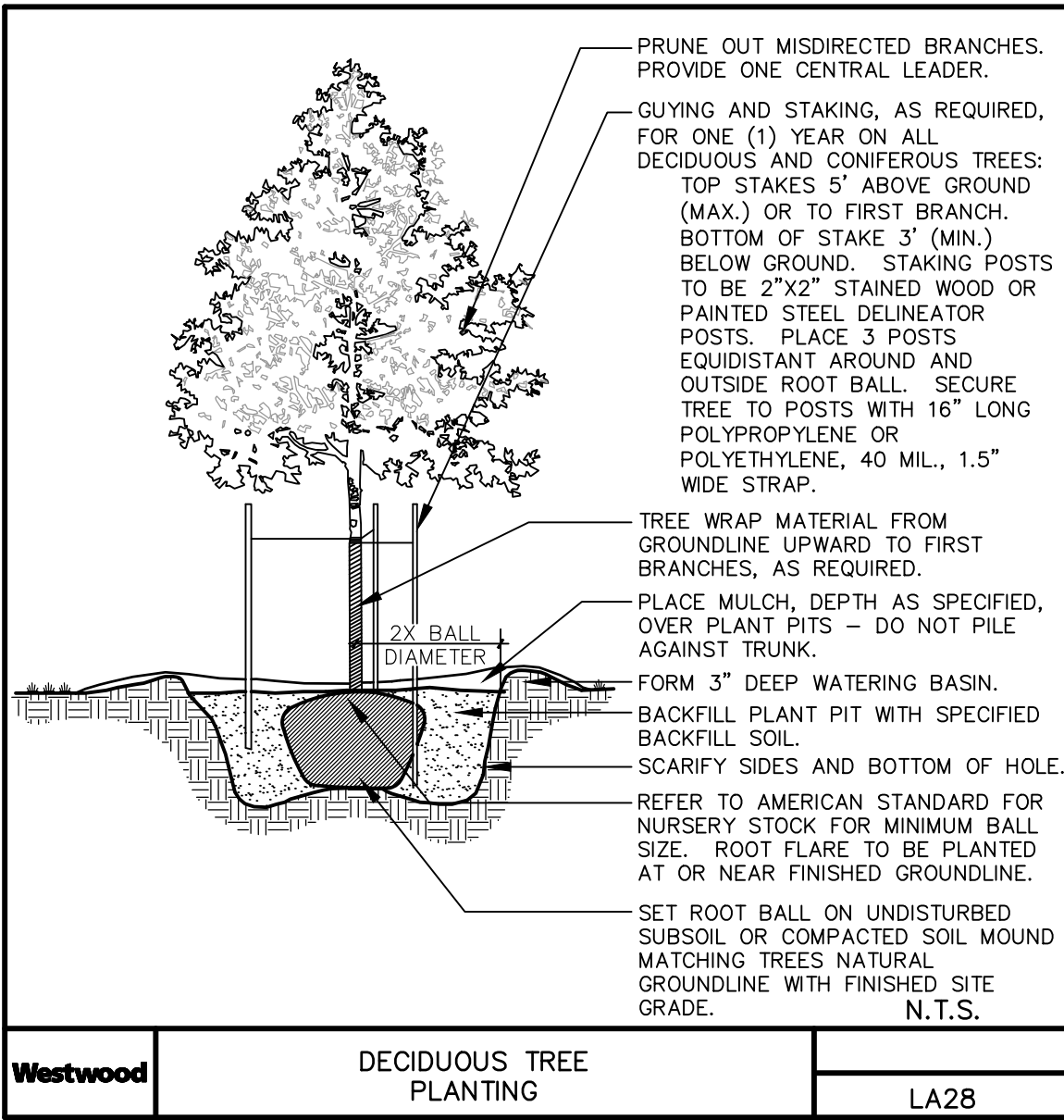
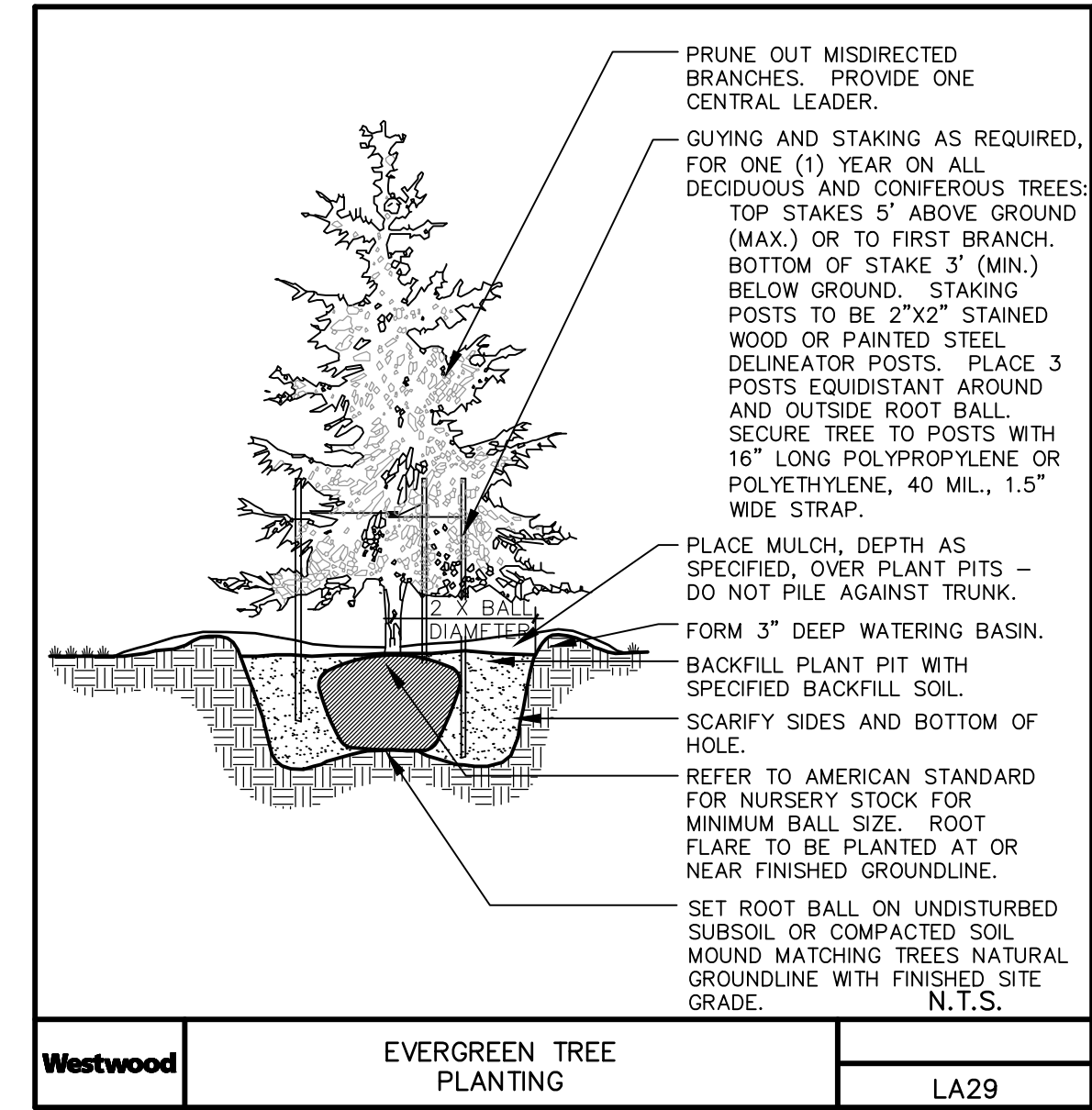




Preliminary Plant List

QTY.	COMMON/BOTANICAL NAME	SIZE
20	BOULEVARD LINDEN/TILIA AMERICANA 'BOULEVARD' AUTUMN BLAZE MAPLE/ACER FREEMANII 'JEFFERSRED' SWAMP WHITE OAK/QUERCUS BICOLOR RED OAK/QUERCUS RUBRA RIVER BIRCH/BETULA NIGRA SKYLINE HONEYLOCUST / G. TRIACANTHOS 'SKYCOLE'	1.5" BB MIN.
13	COLORADO GREEN SPRUCE/PICEA PUNGENS BLACK HILLS SPRUCE/PICEA GLAUCA DENSATA WHITE PINE/PINUS STROBUS	5' BB MIN.
0	JAPANESE TREE LILAC/SYRINGA RETICULATA SPRING SNOW CRAB/MALUS X 'SPRING SNOW' CLUMP AUTUMN BRILLIANCE SERVICEBERRY/ AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE' RED BARRON CRAB/MALUS X 'RED BARRON' THORNLESS COCKSPUR HAWTHORN/ CRATAEGUS CRUS-GALLI VAR. INERMIS	1.5" BB MIN.
34	DWARF BUSH HONEYSUCKLE/DIERVILLA LONICERA	#5 CONT. 3'-0" O.C.

NOTES:
• SEE FINAL LANDSCAPE PLANS FOR FINAL QUANTITIES & SIZES

Landscape Requirements

MINIMUM 15% OF THE LOT AREA SHALL BE LANDSCAPED (81,447 SF + 0.15)	12,217 SF
MINIMUM OF 3 TREES PER 1,000 SF OF GFA UP TO 10,000 SF ((10,000 SF/1,000 SF)*3)	30 UNITS
ADDITIONAL 2 TREES PER 1,000 SF OF GFA OVER 10,000 SF ((500 SF/1,000 SF)*2)	1 UNIT
ADDITIONAL 1 TREE PER 4,000 SF OF PAVED AREA (19,093 SF/4,000 SF)	5 UNITS
TOTAL SITE LANDSCAPING UNITS REQUIRED:	36 UNITS
TREE PRESERVATION TREE REPLACEMENT REQUIRED	15 TREES
TOTAL LANDSCAPING UNITS REQUIRED:	51 UNITS
PROVIDED TREES:	
EVERGREENS (1.5" CAL IN., 5' HT AVG) =	13 TREES
OVERSTORY (1.5" CAL IN.) =	20 TREES
ORNAMENTAL (1.5" CAL IN.) =	0 TREES
SHRUBS (3'-0 O.C.) =	34 SHRUBS
TOTAL TREES PROVIDED =	33 TREES
TOTAL UNITS PROVIDED =	67 UNITS

Tree Inventory

TREE TAG	SPECIES	CAL IN.	DRC	TYPE	HIGH PRIORITY	STATUS
10001	American Elm	4	5	Common	NO	REMOVED
10002	Boxelder	4	6	Common	NO	REMOVED
10004	Boxelder	4	8	Common	NO	REMOVED
10158	Silver Maple	4	11	Common	NO	REMOVED
10159	American Elm	4	8	Common	NO	REMOVED

Tree Removal Legend



Tree Replacement Calcs.

TREE PRESERVATION	
TOTAL ONSITE SIGNIFICANT CALIPER INCHES:	38.0 CAL. IN.
ALLOWABLE COMMERCIAL TREE REMOVAL (60%)	23.0 CAL. IN.
ACTUAL COMMERCIAL COMMON TREE REMOVAL	38.0 CAL. IN.
TOTAL CALIPER INCHES TO BE REPLACED:	15.0 CAL. IN.
TREE REPLACEMENT REQUIRED:	15 TREES
Replacement Rate: For every 1" removed, replace 1.5") 1.5" Trees to be Used for Tree Replacement	

Planting Notes

- CONTRACTOR SHALL CONTACT COMMON GROUND ALLIANCE AT 811 OR CALL811.COM TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY PLANTS OR LANDSCAPE MATERIAL.
- ACTUAL LOCATION OF PLANT MATERIAL IS SUBJECT TO FIELD AND SITE CONDITIONS.
- NO PLANTING WILL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
- ALL SUBSTITUTIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO SUBMISSION OF ANY BID AND/OR QUOTE BY THE LANDSCAPE CONTRACTOR.
- CONTRACTOR SHALL PROVIDE TWO YEAR GUARANTEE OF ALL PLANT MATERIALS. THE GUARANTEE BEGINS ON THE DATE OF THE LANDSCAPE ARCHITECT'S OR OWNER'S WRITTEN ACCEPTANCE OF THE INITIAL PLANTING. REPLACEMENT PLANT MATERIAL SHALL HAVE A ONE YEAR GUARANTEE COMMENCING UPON PLANTING.
- ALL PLANTS TO BE SPECIMEN GRADE, MINNESOTA-GROWN AND/OR HARDY. SPECIMEN GRADE SHALL ADHERE TO, BUT IS NOT LIMITED BY, THE FOLLOWING STANDARDS:
ALL PLANTS SHALL BE FREE FROM DISEASE, PESTS, WOUNDS, SCARS, ETC.
ALL PLANTS SHALL BE FREE FROM NOTICEABLE GAPS, HOLES, OR DEFORMITIES.
ALL PLANTS SHALL BE FREE FROM BROKEN OR DEAD BRANCHES.
ALL PLANTS SHALL HAVE HEAVY, HEALTHY BRANCHING AND LEAFING.
CONIFEROUS TREES SHALL HAVE AN ESTABLISHED MAIN LEADER AND A HEIGHT TO WIDTH RATIO OF NO LESS THAN 5:3.
- PLANTS TO MEET AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2014 OR MOST CURRENT VERSION) REQUIREMENTS FOR SIZE AND TYPE SPECIFIED.
- PLANTS TO BE INSTALLED AS PER MNLA & ANSI STANDARD PLANTING PRACTICES.
- PLANTS SHALL BE IMMEDIATELY PLANTED UPON ARRIVAL AT SITE. PROPERLY HEEL-IN MATERIALS IF NECESSARY; TEMPORARY ONLY.
- PRIOR TO PLANTING, FIELD VERIFY THAT THE ROOT COLLAR/ROOT FLAIR IS LOCATED AT THE TOP OF THE BALLED & BURLAP TREE. IF THIS IS NOT THE CASE, SOIL SHALL BE REMOVED DOWN TO THE ROOT COLLAR/ROOT FLAIR. WHEN THE BALLED & BURLAP TREE IS PLANTED, THE ROOT COLLAR/ROOT FLAIR SHALL BE EVEN OR SLIGHTLY ABOVE FINISHED GRADE.
- OPEN TOP OF BURLAP ON BB MATERIALS; REMOVE POT ON POTTED PLANTS; SPLIT AND BREAK APART PEAT POTS.
- PRUNE PLANTS AS NECESSARY - PER STANDARD NURSERY PRACTICE AND TO CORRECT POOR BRANCHING OF EXISTING AND PROPOSED TREES.
- WRAP ALL SMOOTH-BARKED TREES - FASTEN TOP AND BOTTOM. REMOVE BY APRIL 1ST.
- STAKING OF TREES AS REQUIRED; REPOSITION, PLUMB AND STAKE IF NOT PLUMB AFTER ONE YEAR.
- THE NEED FOR SOIL AMENDMENTS SHALL BE DETERMINED UPON SITE SOIL CONDITIONS PRIOR TO PLANTING. LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT FOR THE NEED OF ANY SOIL AMENDMENTS.
- BACKFILL SOIL AND TOPSOIL TO ADHERE TO MN/DOT STANDARD SPECIFICATION 3877 (SELECT TOPSOIL BORROW) AND TO BE EXISTING TOP SOIL FROM SITE FREE OF ROOTS, ROCKS LARGER THAN ONE INCH, SUBSOIL DEBRIS, AND LARGE WEEDS UNLESS SPECIFIED OTHERWISE. MINIMUM 4" DEPTH TOPSOIL FOR ALL LAWN GRASS AREAS AND 12" DEPTH TOPSOIL FOR TREE, AND SHRUBS.
- MULCH TO BE AT ALL TREE, SHRUB, AND MAINTENANCE AREAS. TREE AND SHRUB PLANTING BEDS SHALL HAVE 4" DEPTH OF SHREDDED HARDWOOD MULCH. SHREDDED HARDWOOD MULCH TO BE USED AROUND ALL PLANTS WITHIN TURF AREAS, MULCH TO BE FREE OF DELETERIOUS MATERIAL AND COLORED RED, OR APPROVED EQUAL, MULCH AND FABRIC TO BE APPROVED BY OWNER PRIOR TO INSTALLATION.
- EDGING TO BE COMMERCIAL GRADE VALLEY-VIEW BLACK DIAMOND (OR EQUAL) POLY EDGING OR SPADED EDGE, AS INDICATED. POLY EDGING SHALL BE PLACED WITH SMOOTH CURVES AND STAKED WITH METAL SPIKES NO GREATER THAN 4 FOOT ON CENTER WITH BASE OF TOP BEAD AT GRADE, FOR MOWERS TO CUT ABOVE WITHOUT DAMAGE. UTILIZE CURBS AND SIDEWALKS FOR EDGING WHERE POSSIBLE. SPADED EDGE TO PROVIDE V-SHAPED DEPTH AND WIDTH TO CREATE SEPARATION BETWEEN MULCH AND GRASS. INDIVIDUAL TREES AND SHRUBS TO BE SPADED EDGE, UNLESS NOTED OTHERWISE.
- ALL DISTURBED AREAS TO BE SODDED, UNLESS OTHERWISE NOTED. PARKING LOT ISLANDS TO BE SODDED WITH SHREDDED HARDWOOD MULCH AROUND ALL TREES AND SHRUBS. SOD TO BE STANDARD MINNESOTA GROWN AND HARDY BLUEGRASS MIX, FREE OF LAWN WEEDS. ALL TOPSOIL AREAS TO BE RAKED TO REMOVE DEBRIS AND ENSURE DRAINAGE.
- PROVIDE IRRIGATION TO ALL PLANTED AREAS ON SITE. IRRIGATION SYSTEM TO BE DESIGN/BUILD BY LANDSCAPE CONTRACTOR. CONTRACTOR TO PROVIDE OPERATION MANUALS, AS-BUILT PLANS, NORMAL PROGRAMMING, AND SHALL INCLUDE A RAINSENSOR. SYSTEM SHALL BE WINTERIZED AND HAVE SPRING STARTUP DURING FIRST YEAR OF OPERATION. SYSTEM SHALL HAVE ONE-YEAR WARRANTY ON ALL PARTS AND LABOR. ALL INFORMATION ABOUT INSTALLATION AND SCHEDULING CAN BE OBTAINED FROM THE GENERAL CONTRACTOR.
- CONTRACTOR SHALL PROVIDE NECESSARY WATERING OF PLANT MATERIALS UNTIL THE PLANT IS FULLY ESTABLISHED OR IRRIGATION SYSTEM IS OPERATIONAL. OWNER WILL NOT PROVIDE WATER FOR CONTRACTOR.
- REPAIR, REPLACE, OR PROVIDE SOD AS REQUIRED FOR ANY ROADWAY BOULEVARD AREAS ADJACENT TO THE SITE DISTURBED DURING CONSTRUCTION.
- REPAIR ALL DAMAGE TO PROPERTY FROM PLANTING OPERATIONS AT NO COST TO OWNER.

Call 48 Hours before digging:
811 or call811.com
Common Ground Alliance

Date: 06/20/17 Sheet: 8 OF 8

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Ladybug
Daycare

Shakopee, Minnesota

Preliminary
Landscape Plan

Westwood

Phone (952) 937-5150 7699 Anagram Drive
Fax (952) 937-5822 Eden Prairie, MN 55344
Toll Free (888) 937-5150 westwoodps.com
Westwood Professional Services, Inc.

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed PROFESSIONAL LANDSCAPE ARCHITECT under the laws of the State of Minnesota.

Nicholas T. Meyer
Date: 06/20/17 License No. 53774

Revisions:

06-20-17 Permit Set

Designed: SYB/CEP
Checked: CEP
Drawn: SYB
Record Drawing by/date:

Prepared for:

Ladybug Child Care Center
306 Lake Hazeltine Drive
Chaska, Minnesota