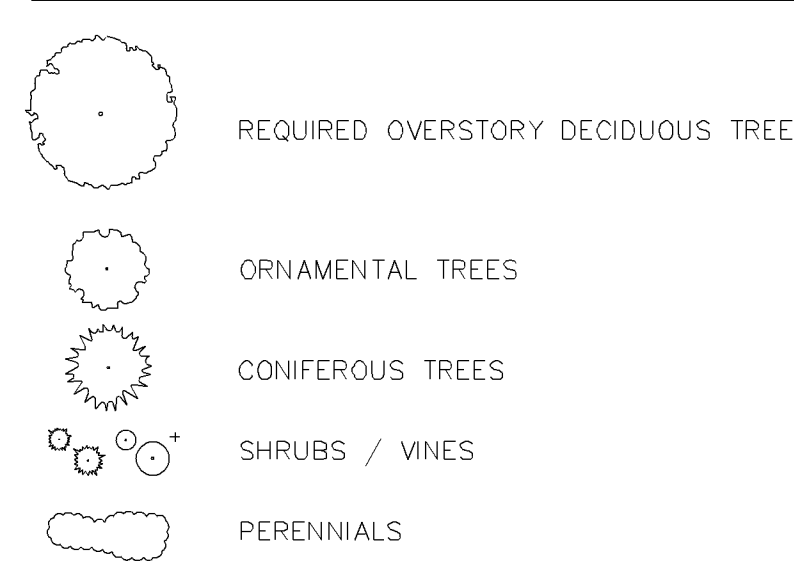


Landscape Requirement Calculations

DEVELOPABLE AREA = 119,567
 LANDSCAPE REQUIRED
 MINIMUM OF 1 TREE PER 2,500 SF OF DEVELOPABLE LANDSCAPING AREA
 119,567 / 2,500 = 48 TREES
 MINIMUM OF 1 SHRUB PER 1,000 SF OF DEVELOPABLE LANDSCAPING AREA
 119,567 / 1,000 = 120 SHRUBS
 LANDSCAPE PROPOSED
 TREES PROPOSED ON SITE = 48 TREES
 SHRUBS PROPOSED ON SITE = 126 SHRUBS

Landscape Legend



Plant Schedule - Proposed Trees

CODE	QTY.	COMMON/BOTANICAL NAME	SIZE	SPACING	O.C.
TREES					
WBS	7	Whitespire Birch / <i>Betula populifolia</i> 'Whitespire'	2.5" BB	AS SHOWN	
BOL	17	Boulevard Linden / <i>Tilia americana</i> 'Boulevard'	4.5" BB	AS SHOWN	
SWO	8	Swamp White Oak / <i>Quercus bicolor</i>	2.5" BB	AS SHOWN	
NHE	7	New Horizon Elm / <i>Ulmus x 'New Horizon'</i>	4.5" BB	AS SHOWN	
ORNAMENTAL					
JTL	4	Japanese Tree Lilac / <i>Syringa reticulata</i>	1.5" BB	AS SHOWN	
CONIFEROUS					
TREES					
WTF	1	White Fir / <i>Abies concolor</i>	6" HT., BB	AS SHOWN	
NOP	5	Norway Spruce / <i>Pinus resinosa</i>	6" HT., BB	AS SHOWN	
SCP	3	Scotch Pine / <i>Pinus sylvestris</i>	6" HT., BB	AS SHOWN	
SHRUBS					
MJ	29	Mint Julep Juniper / <i>Juniperus chinensis</i> 'Manley'	24" SPRD., POT		
BNS	12	Bird's Nest Spruce / <i>Picea abies</i> 'Nidiformis'	24" SPRD., POT		
TAY	12	Taunton Yew / <i>Taxus medi</i> 'Taunton'	24" SPRD., POT	4'-0" O.C.	
DECIDUOUS					
SHRUBS					
MKL	42	Miss Kim Lilac / <i>Syringa patula</i> 'Miss Kim'	36" HT., POT	4'-0" O.C.	
CAV	20	Compact American Crabapple / <i>Viburnum trilobum</i> 'Compacta'	24" HT., POT	4'-0" O.C.	
DWE	34	Dwarf Weigela / <i>Euonymus alatus</i> 'Compactus'	24" HT., POT	3'-0" O.C.	
DBH	62	Dwarf Bush Honeyuckle / <i>Dierilla lonicera</i>	24" HT., POT	3'-0" O.C.	
PERENNIALS					
PMD	107	Pardon Me Daylily / <i>Hemerocallis</i> 'Pardon Me'	NO. 1 CONT.	12" O.C.	
SDD	52	Stella de Oro Daylily / <i>Hemerocallis</i> 'Stella de Oro'	NO. 1 CONT.	12" O.C.	
WBA	110	Woods Blue Aster / <i>Aster</i> 'Woods Blue'	QUART POT	12" O.C.	
KOG	97	Kobold Gayleather / <i>Liatris spicata</i> 'Kobold'	QUART POT	12" O.C.	
BES	145	Black Eyed Susan / <i>Rudbeckia fulgida</i> 'Goldsturm'	QUART POT	16" O.C.	
PJC	67	Purple Coneflower / <i>Echinacea purpurea</i> 'Magna'	QUART POT	16" O.C.	
AFS	215	Autumn Fire Sedum / <i>Sedum x 'Autumn Fire'</i>	QUART POT	16" O.C.	
KFG	198	Karl Foerster Grass / <i>Calamagrostis</i> Karl Foerster	QUART POT	24" O.C.	
RSG	128	Karl Foerster Grass / <i>Calamagrostis</i> Karl Foerster	QUART POT	24" O.C.	
PDS	29	Karl Foerster Grass / <i>Calamagrostis</i> Karl Foerster	QUART POT	24" O.C.	

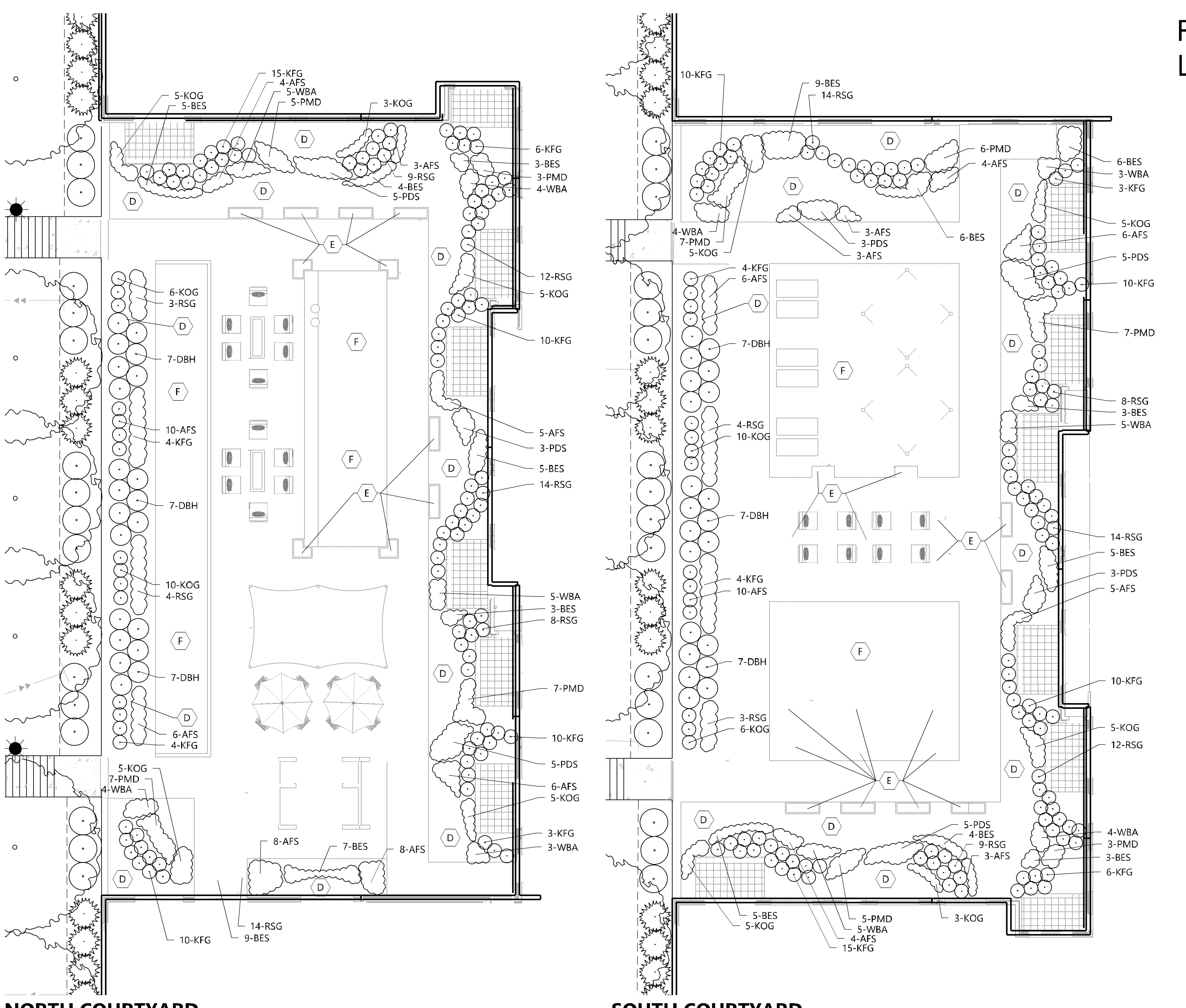
NOTE: QUANTITIES ON PLAN SUPERSEDE LIST QUANTITIES IN THE EVENT OF A DISCREPANCY.

Landscape Keynotes

- A SHREDDED HARDWOOD MULCH (TYP.)
- B EDGER (TYP.)
- C SOD (Hyland Salt Tolerant Sod)
- D ROCK MULCH
- E ANNUAL PLANTINGS BY OTHER
- F ARTIFICIAL TURF

ARTIFICIAL TURF
 AVAILABLE FROM TURF PROS SOLUTION OR APPROVED EQUAL. ARCHITECT TO REVIEW AND APPROVE ALTERNATIVES.
 WEBSITE: <https://turfprosolution.com/>
 PHONE: 844-280-4144
 COLOR: TWO TONED BICOLORED FIELD GREEN WITH GREEN THATCH
 PILE: 1.25"
 TURF GAUGE: 18"
 STITCH RATE: 18 RATE
 STITCHES/M: 18900
 BACKING: DOUBLE DRAINAGE HOLES, DOUBLE PP AND PU

APPROVED - ZONING REVIEW
M. Centinario
09/28/2022

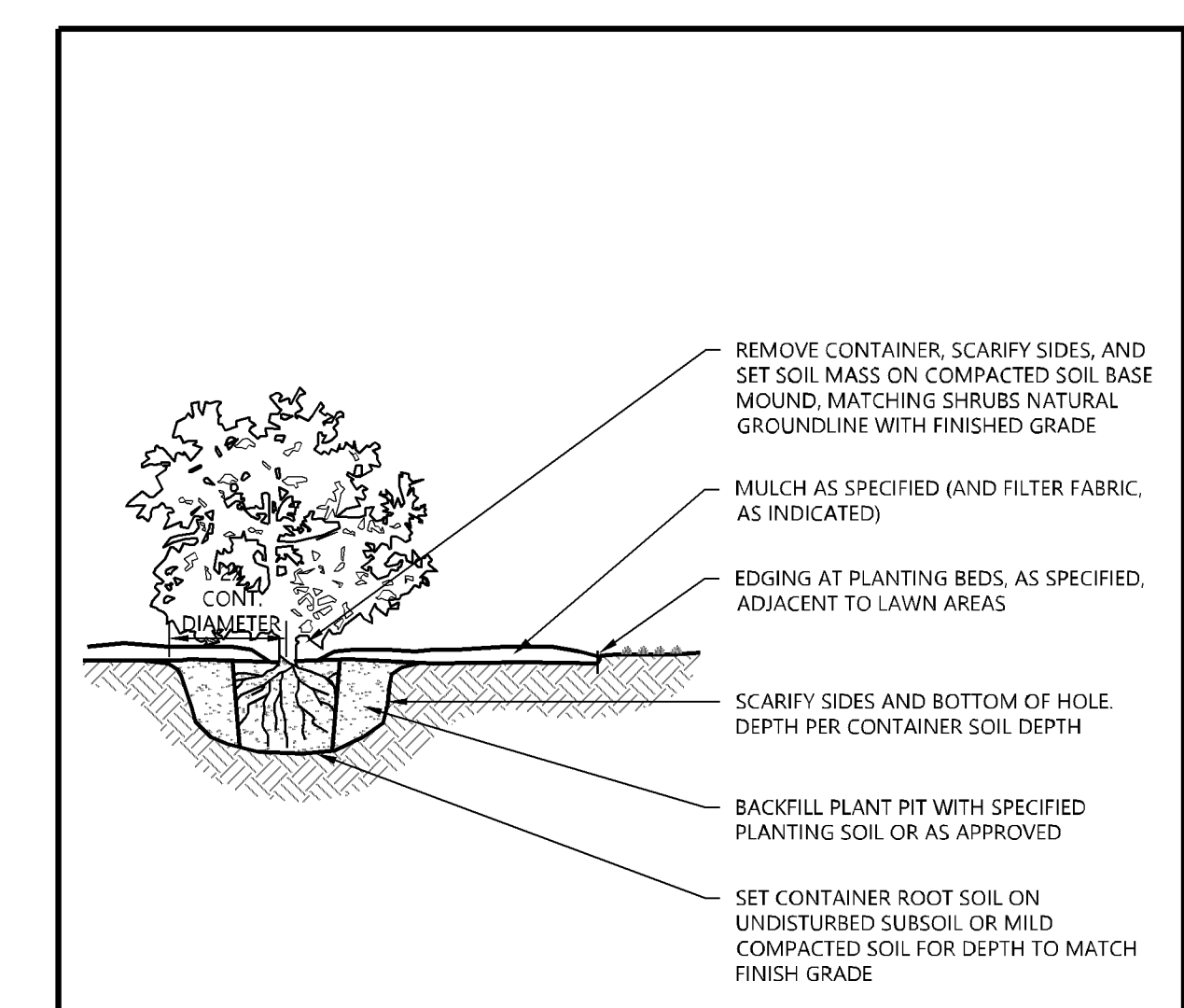


NORTH COURTYARD

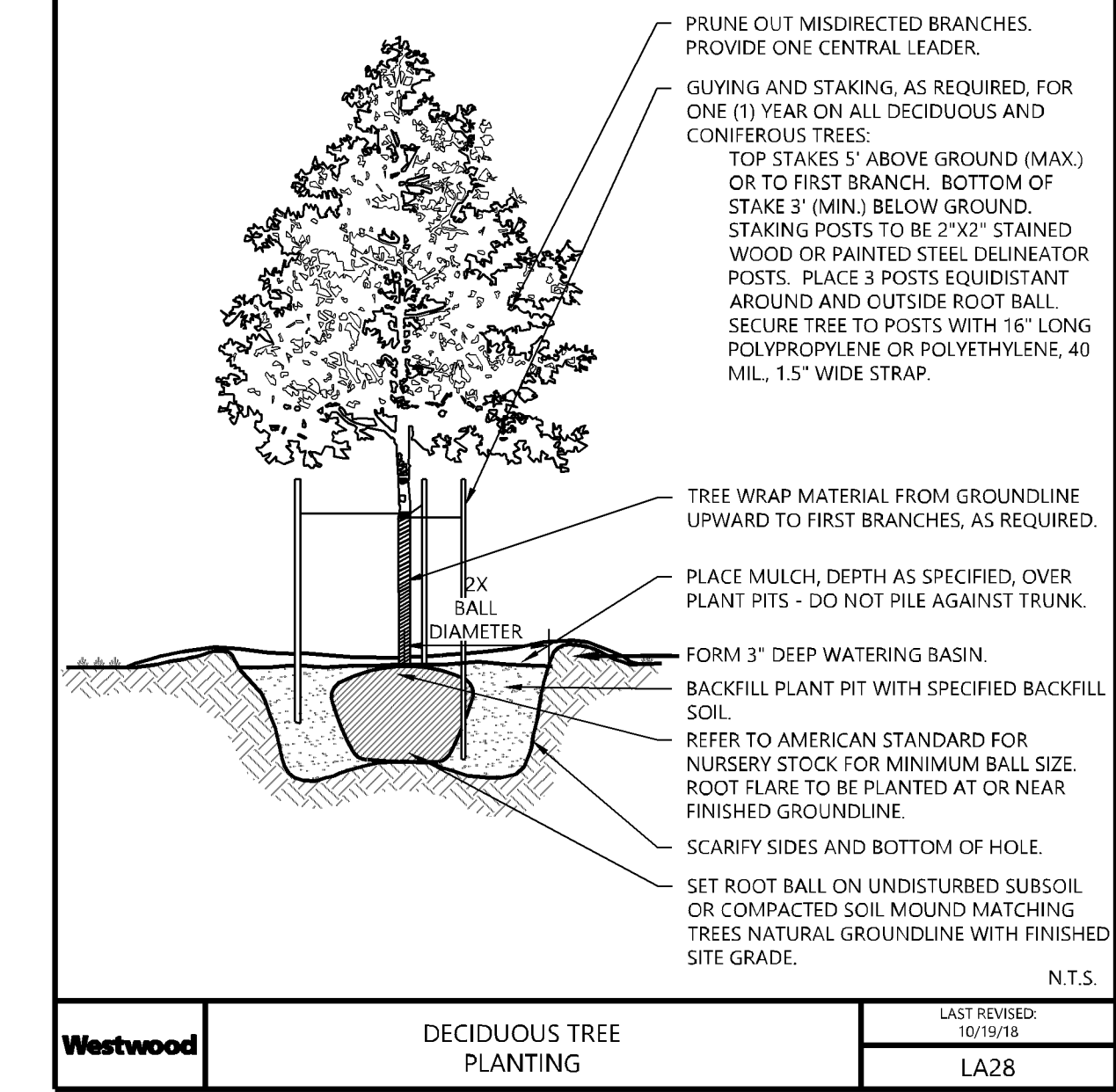
SCALE = 1"=10'

SOUTH COURTYARD

SCALE = 1"=10'



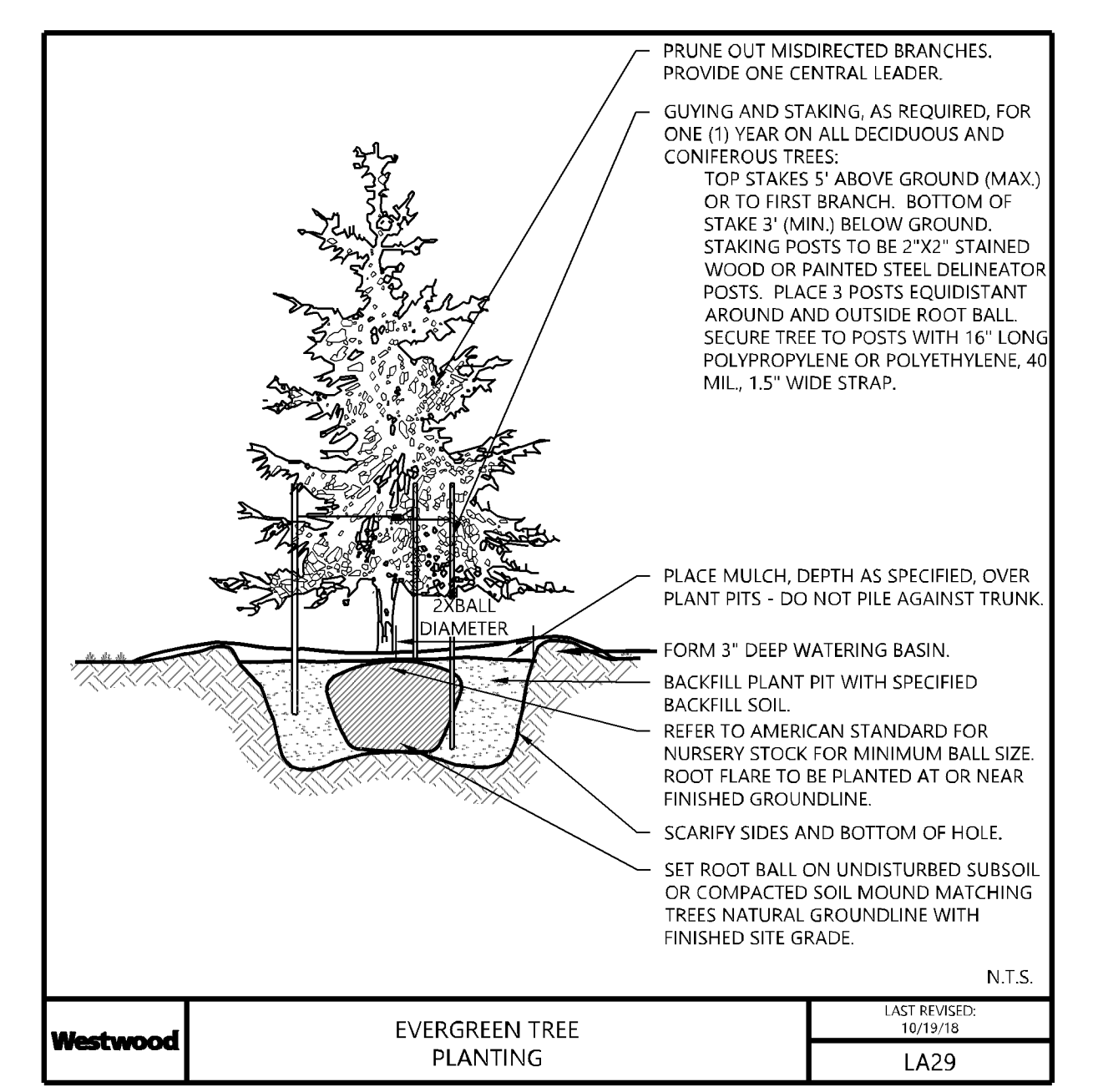
SHRUB & PERENNIAL CONTAINER PLANTING



DECIDUOUS TREE PLANTING

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, INSESTS, 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 Z601-2014 OR MOST CURRENT VERSION) REQUIREMENTS FOR SIZE AND TYPE SPECIFIED.
- PLANTS TO BE INSTALLED AS PER MMLA & 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 MINNDOT STANDARD SPECIFICATION 3077 (SELECT TOPSOIL, BORDOW) AND TO 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, SHRUBS, AND PERENNIALS.
- MULCH TO BE AT ALL TREE, SHRUB, PERENNIAL, 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. PERENNIAL AND ORNAMENTAL GRASS BEDS SHALL HAVE 2" DEPTH SHREDDED HARDWOOD MULCH. MULCH TO BE FREE OF DELETERIOUS MATERIAL AND COLORED RED. OR APPROVED EQUAL. ROCK MULCH TO BE 1 1/2" TO 3" DIAMETER, AT MINIMUM 3" DEPTH, OR APPROVED EQUAL. ROCK MULCH TO BE ON COMMERCIAL GRADE FILTER FABRIC, BY TYPAR, OR APPROVED EQUAL WITH NO EXPOSURE. MULCH AND FABRIC TO BE APPROVED BY OWNER PRIOR TO INSTALLATION. MULCH TO MATCH EXISTING CONDITIONS (WHERE APPLICABLE).
- 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 FOOT TO CREATE SEPARATION BETWEEN MULCH AND GRASS. INDIVIDUAL TREE, SHRUB, OR RAIN-GARDEN BEDS TO BE SPADED EDGE, UNLESS NOTED OTHERWISE. EDGING TO MATCH EXISTING CONDITIONS (WHERE APPLICABLE).
- ALL DISTURBED AREAS TO BE SOODED OR SEEDED UNLESS OTHERWISE NOTED. PARKING LOT ISLANDS TO BE SOODED WITH SHREDDED HARDWOOD MULCH AROUND ALL TREES AND SHRUBS. SOO 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. SLOPES OF 3:1 OR GREATER SHALL BE STAKED. SEED AS SPECIFIED AND PER MINNDOT SPECIFICATIONS. IF NOT INDICATED ON LANDSCAPE PLAN, SEE EROSION CONTROL PLAN.
- PROVIDE IRRIGATION TO ALL PLANTED AREAS ON SITE. IRRIGATION SYSTEM TO BE DESIGNED/BUILT BY LANDSCAPE CONTRACTOR. LANDSCAPE CONTRACTOR TO PROVIDE SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION OF IRRIGATION SYSTEM. CONTRACTOR TO PROVIDE OPERATION MANUALS, AS-BUILT PLANS, AND NORMAL PROGRAMMING. SYSTEM SHALL BE WINTERED 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 SOO/SEED 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.
- RAIN GARDEN NOTE: PROVIDE AND INSTALL EROSION CONTROL BLANKET AT RAIN GARDEN AREA SIDE SLOPES AFTER ALL PLANTING HAS BEEN INSTALLED. BLANKET TO BE ONE SEASON GEOTEXTILE, MINNDOT CATEGORY 2 (STRAW 15, WOOD FIBER 15), OR APPROVED EQUAL. BLANKET TO BE OVERLAPPED BY 4" AND ANCHORED BY SOO STAPLES. PLACE BLANKET PERPENDICULAR TO THE SLOPE. TRENCH IN EDGES OF BLANKET AREA TO PREVENT UNDER MINING. PROVIDE SIX FENCE AT TOP OF SLOPE AS NEEDED. SHREDDED HARDWOOD MULCH TO MATCH OTHER PROJECT PLANTING MULCH. PLACE 4" DEPTH OF MULCH AT ALL PLANTING AND EROSION CONTROL BLANKET AREA AND FILTER FABRIC. SEE RAIN GARDEN DETAIL FOR FURTHER INFORMATION. RAIN GARDEN TO PROVIDE PROPER INFILTRATION AND DRAINAGE REQUIREMENTS PER ENGINEER'S APPROVAL.



EVERGREEN TREE PLANTING

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

DESIGNED: 04/08/2022
 CHECKED: 05/23/2022
 DRAWN: 06/20/2022
 DATE: 07/11/2022

ISSUED FOR PERMITS
 CITY COMMENTS
 ADDITIONAL CITY COMMENTS

PREPARED FOR:
ENCLAVE DEVELOPMENT
 1 2ND STREET NORTH, SUITE 102
 FARGO, ND 58102

PROJECT NUMBER: 0630274.00

DATE: 07/11/2022

PROJECT NUMBER: 0630274.00

ENCLAVE DEVELOPMENT 8200 HUMBOLDT BLOOMINGTON, MN

Westwood Professional Services, Inc.
 1500 13th Avenue South, Suite 200
 Bloomington, MN 55410
 Phone: (612) 915-5100
 Fax: (612) 915-5102
 Website: www.westwoodps.com

LANDSCAPE PLAN
 SHEET NUMBER: **L1.0**

ENCLAVE DEVELOPMENT 8200 HUMBOLDT

PL2022-257
 PL202200257
 CONSTRUCTION DOCUMENTS