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**AFFINITY PLUS
CREDIT UNION**

SHAKOPEE, MINNESOTA

DATE NO.

05/5/2023
DATE

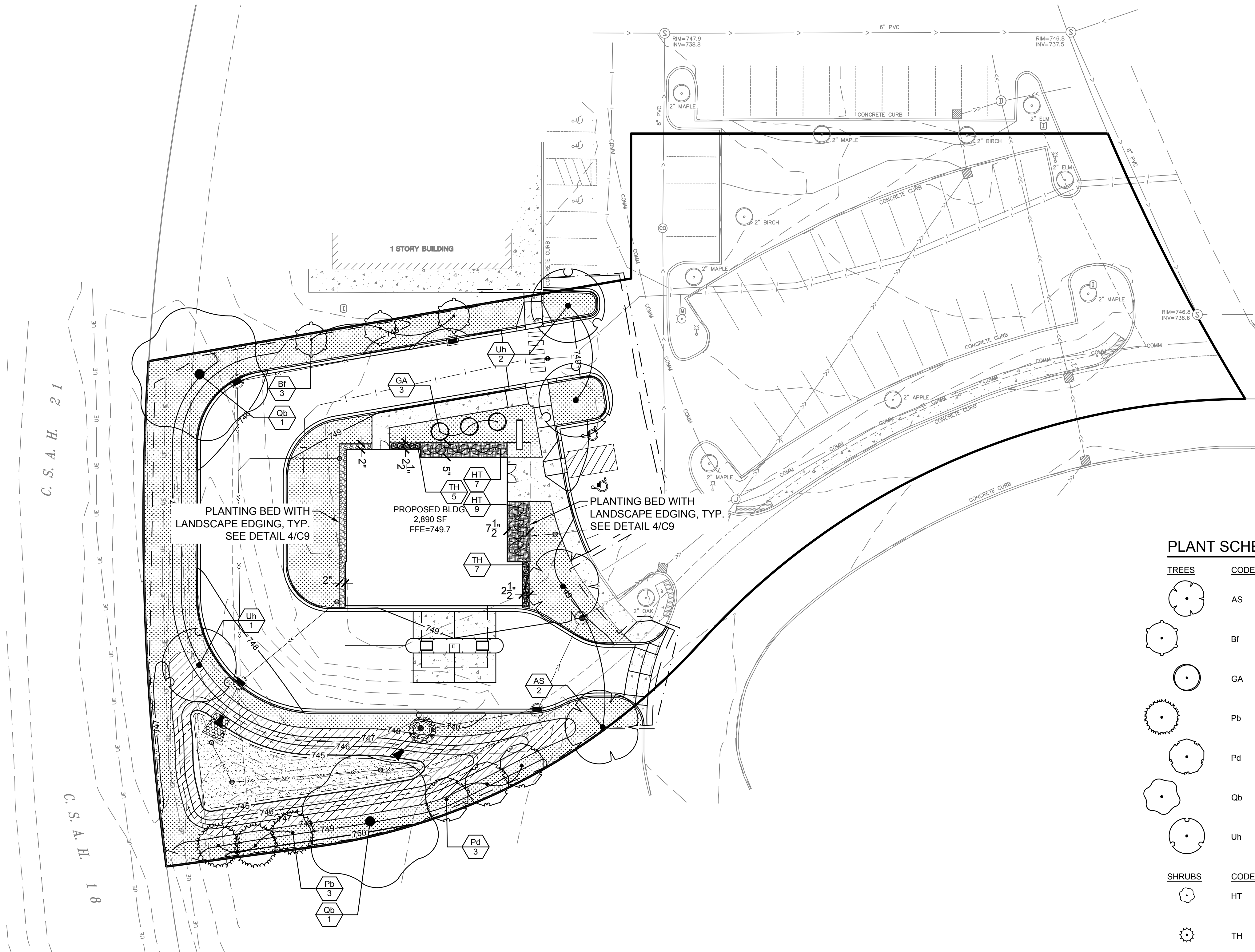


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Anderson Engineering of Minnesota, LLC

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	PROPERTY LIMITS
	CONSTRUCTION LIMITS
	EXISTING MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	SOD
	MN STATE SEED MIX 33-262: DRY SWALE / POND
	3" DEEP WASHED RIVER ROCK
	3" DEEP SHREDDED HARDWOOD MULCH

IMPERVIOUS AREA: 32,984 SF
1 TREE PER EVERY 4,000 SF OF IMPERVIOUS AREA, ROUNDED UP TO
NEAREST THOUSAND.
(33,000 SF / 4,000 = 9 TREES)

BUILDING AREA: 2,890 SF
2 TREES PER EVERY 1,000 SF OF BUILDING AREA
((2,890 SF / 1,000 SF) * 2 = 6 TREES)

SCREENING REQUIREMENTS: N/A

NUMBER OF PARKING STALLS: 38
1 TREE PER EVERY 10 PARKING STALLS.
(38 STALLS / 10 = 4 TREES)

TOTAL TREES REQUIRED: 19

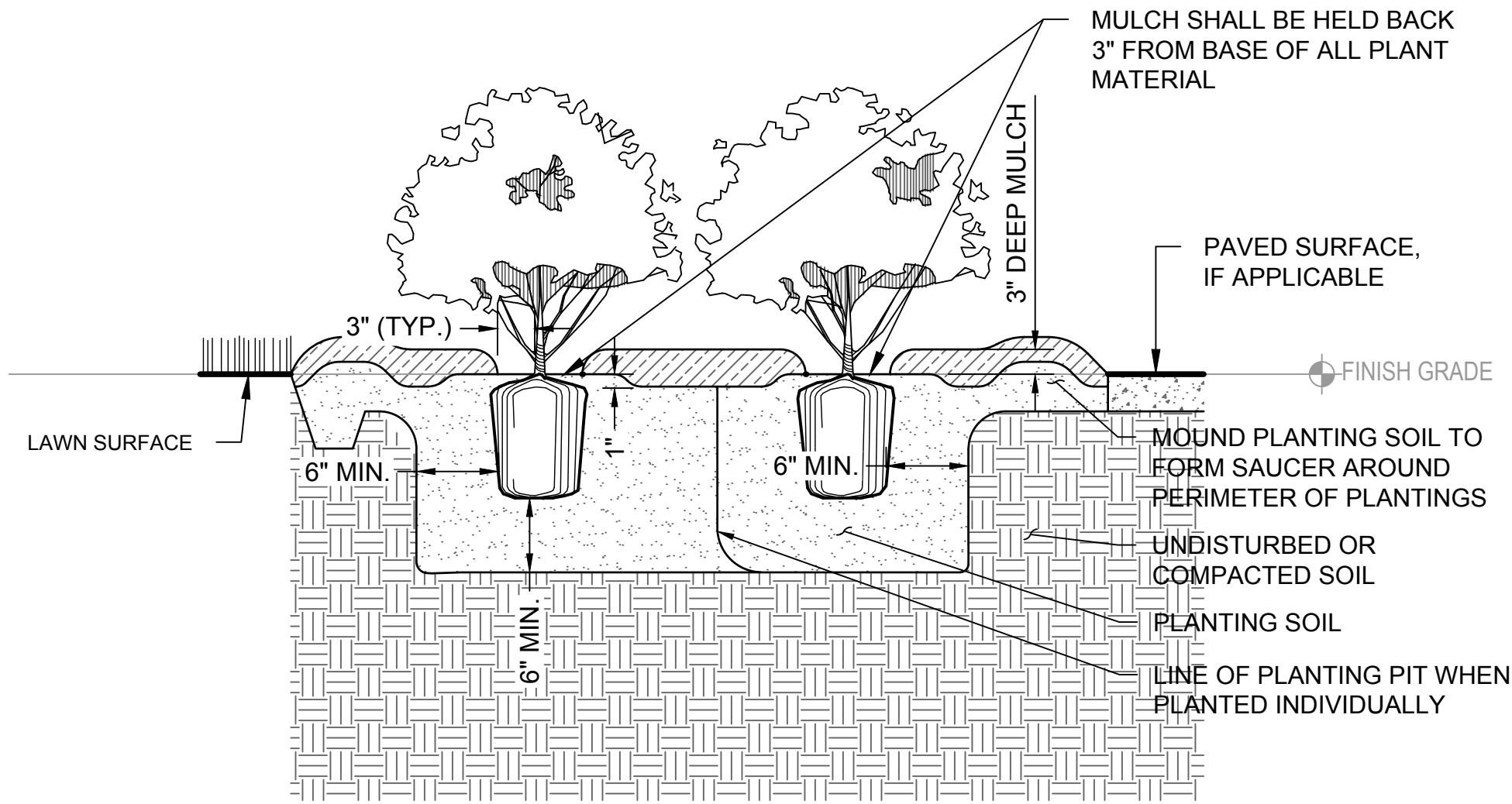
**PROVIDED: 6 CONIFEROUS TREES & 13 DECIDUOUS TREES
(19 TREES TOTAL)**

<u>TREES</u>	<u>CODE</u>	<u>QTY</u>	<u>COMMON / BOTANICAL NAME</u>	<u>CONT</u>	<u>CAL</u>
	AS	2	SIENNA GLEN® MAPLE ACER X FREEMANII 'SIENNA'	B&B	2 - 1/2" CAL.
	Bf	3	DAKOTA PINNACLE® ASIAN WHITE BIRCH BETULA PLATYPHYLLA 'FARGO'	B&B	2 - 1/2" CAL.
	GA	3	GOLDSPIRE GINKGO GINKGO BILOBA 'GOLDSPIRE'	B&B	2 - 1/2" CAL.
	Pb	3	BLACK HILLS SPRUCE PICEA GLAUCA DENSATA	B&B	6" HT.
	Pd	3	DOUGLAS FIR PSEUDOTSUGA MENZIESII	B&B	6" HT.
	Qb	2	SWAMP WHITE OAK QUERCUS BICOLOR	B&B	2 - 1/2" CAL.
	Uh	3	PATRIOT ELM ULMUS X 'PATRIOT'	B&B	2 - 1/2" CAL.
<u>SHRUBS</u>	<u>CODE</u>	<u>QTY</u>	<u>COMMON / BOTANICAL NAME</u>	<u>CONT</u>	<u>SIZE</u>
	HT	16	ENDLESS SUMMER® TWIST-N-SHOUT® HYDRANGEA HYDRANGEA MACROPHYLLA 'PIIHM-I'	5 GAL.	
	TH	12	HETZ MIDGET ARBORVITAE THUJA OCCIDENTALIS 'HETZ MIDGET'	5 GAL.	

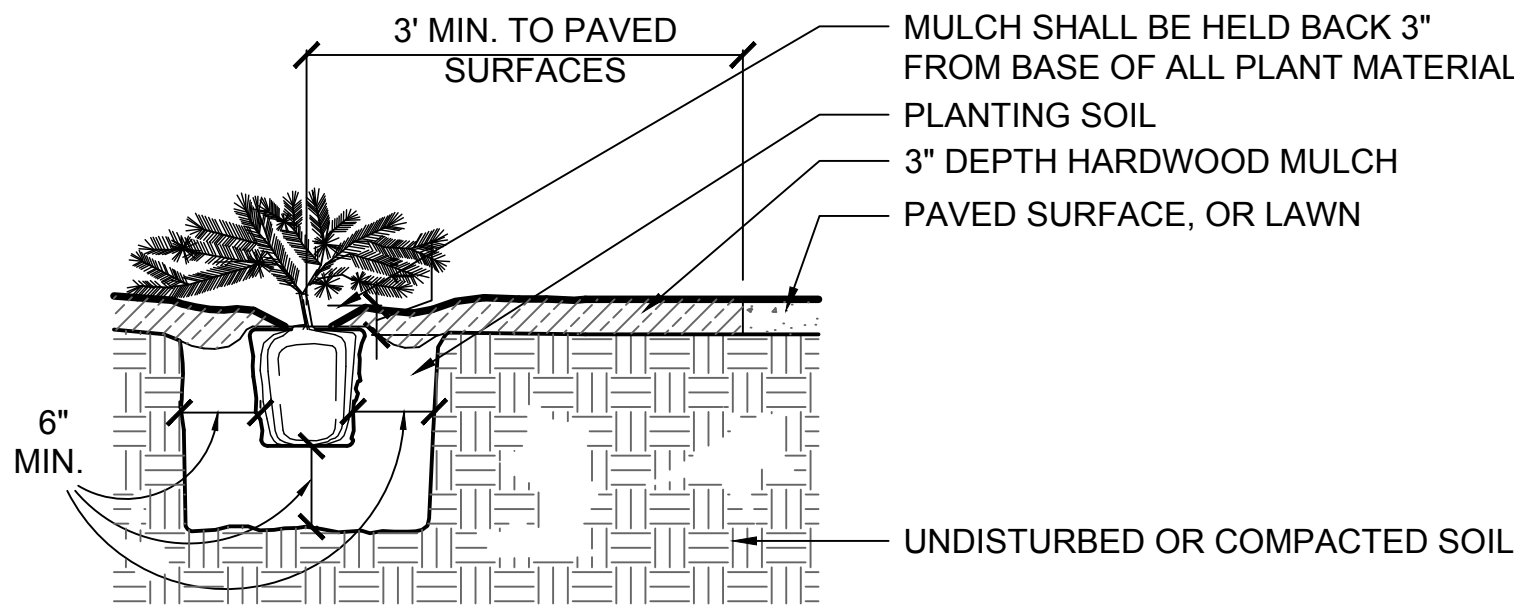
CALL 48 HOURS BEFORE DIGGING:

GOPHER STATE ONE CALL

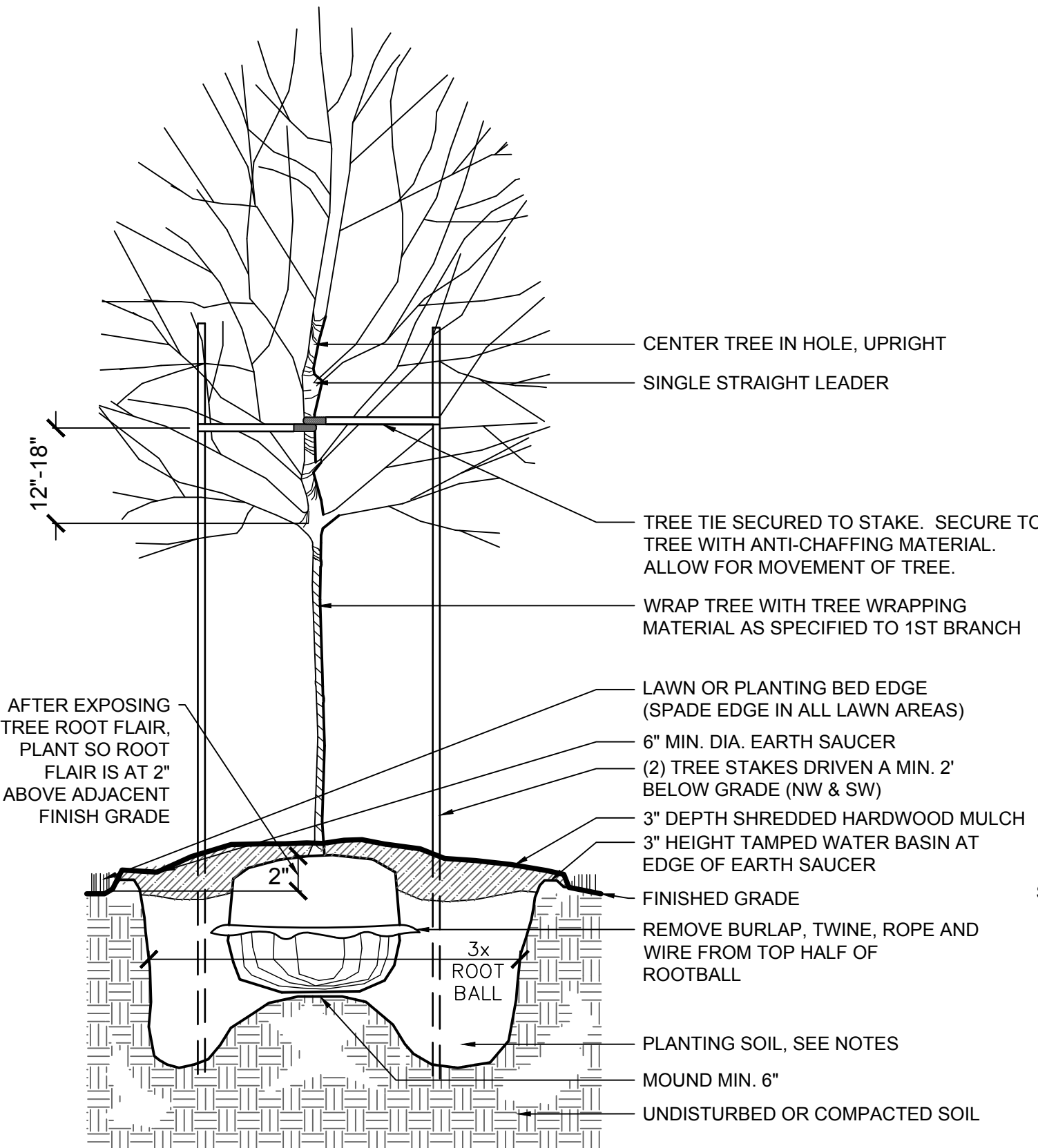
TWIN CITY AREA (651)454-0002
MINNESOTA TOLL FREE 1-800-252-1166



1 DECIDUOUS SHRUB PLANTING DETAIL
SCALE: NOT TO SCALE

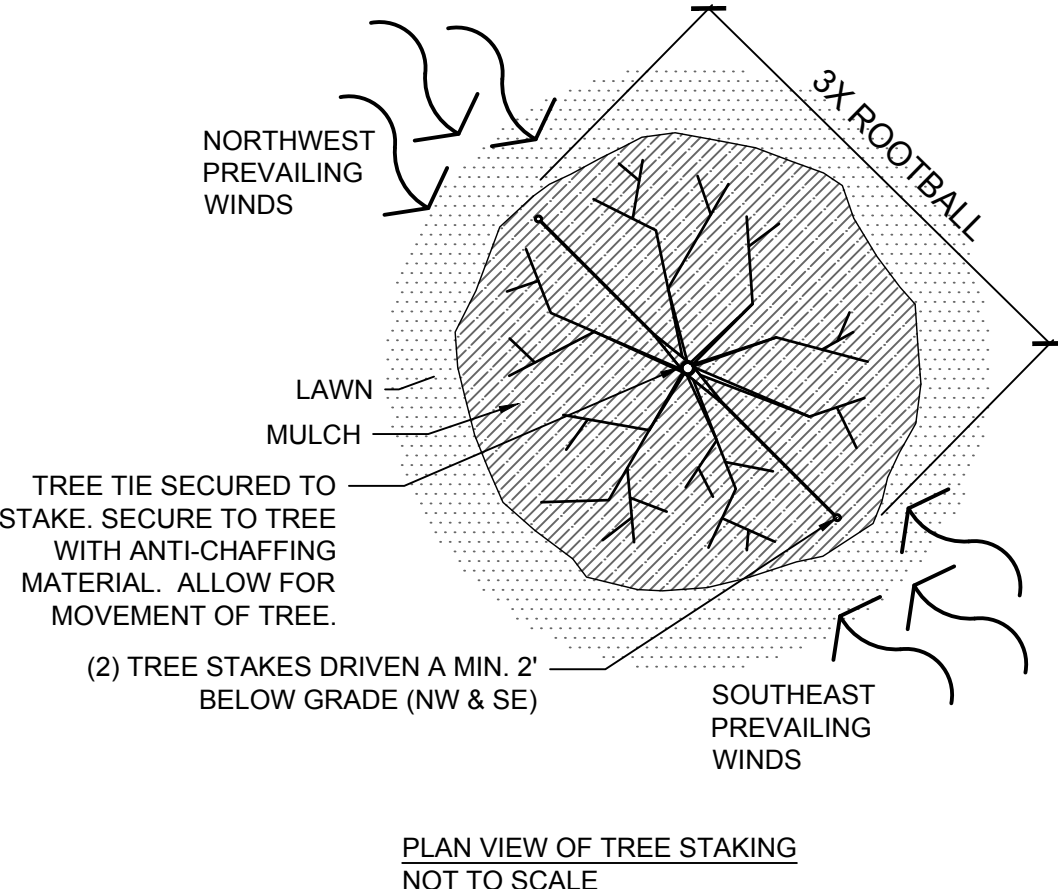


2 CONIFEROUS SHRUB PLANTING DETAIL
SCALE: NOT TO SCALE

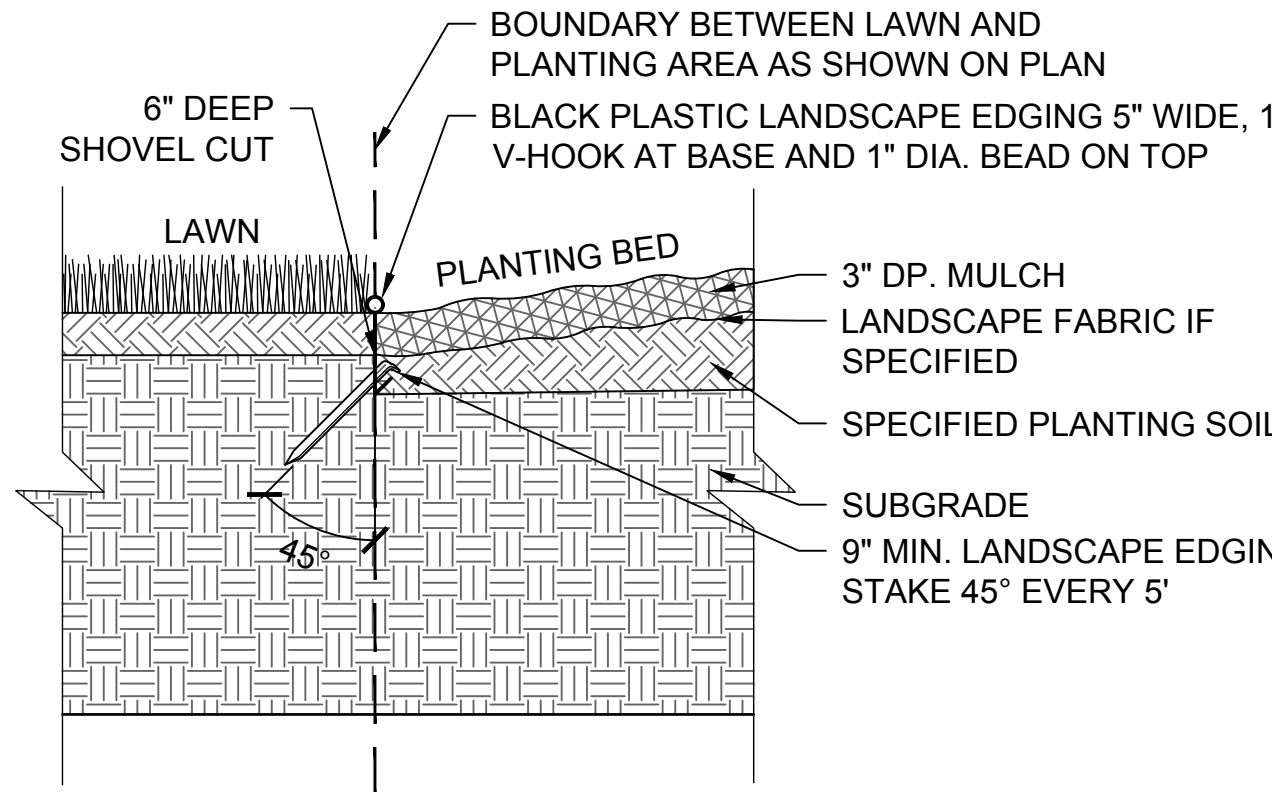


3 DECIDUOUS TREE PLANTING DETAIL
SCALE: NOT TO SCALE

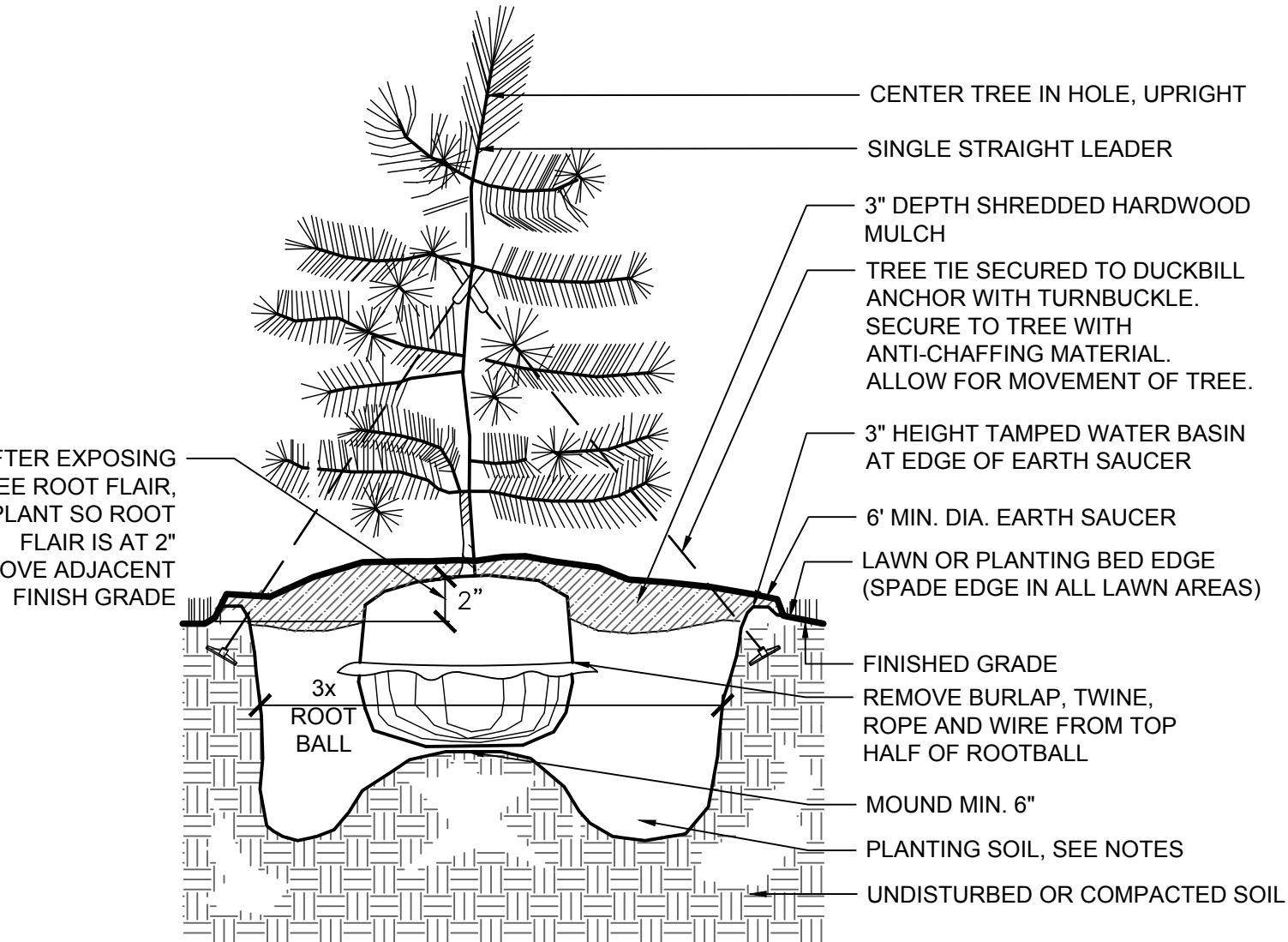
NOTE:
-3" DP. SHREDDED HARDWOOD MULCH SHALL BE USED UNDER TREES
ISOLATED FROM PLANTING AREAS UNLESS IDENTIFIED OTHERWISE.



NOTE:
-FOR MULTIPLE PIECES OF EDGING, CONNECT WITH 6" MIN. PLUG. STAKE EACH SIDE OF THE EDGING 12" MAX FROM THE POINT OF CONNECTION.

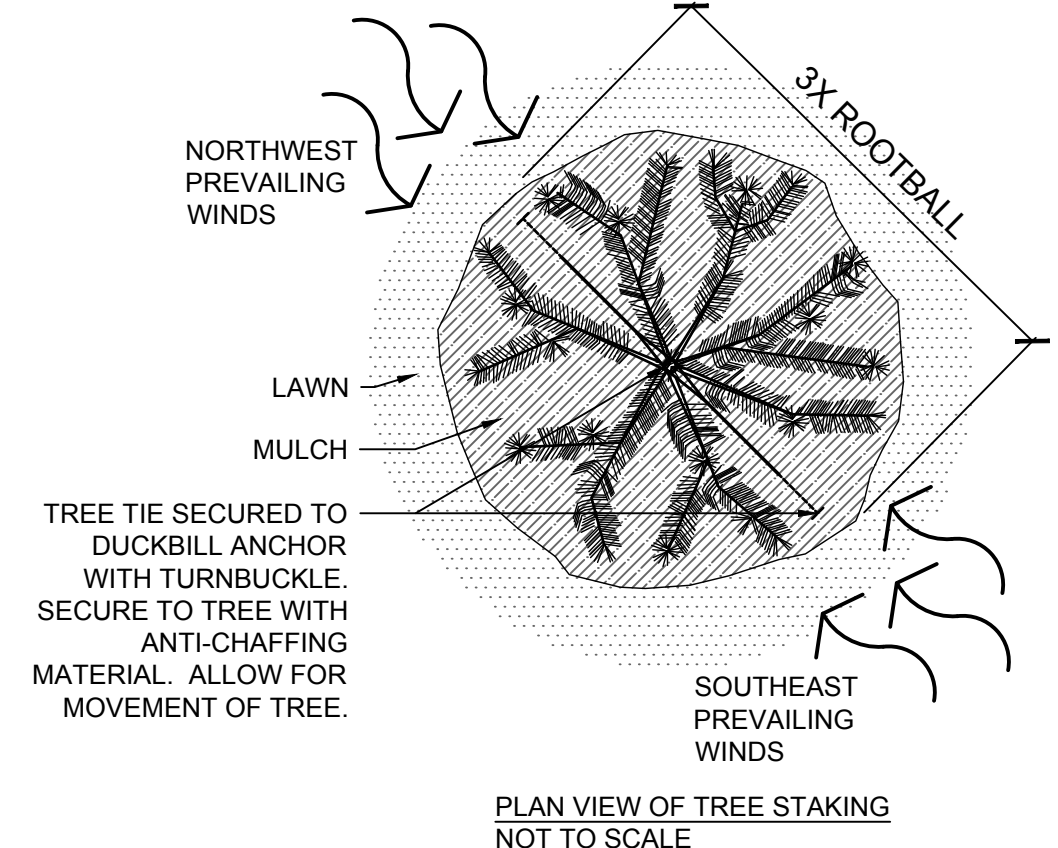


4 PLASTIC LANDSCAPE EDGING DETAIL
SCALE: NOT TO SCALE



5 CONIFEROUS TREE PLANTING DETAIL
SCALE: NOT TO SCALE

NOTE:
-3" DP. SHREDDED HARDWOOD MULCH SHALL BE USED UNDER TREES
ISOLATED FROM PLANTING AREAS UNLESS IDENTIFIED OTHERWISE.



GENERAL LANDSCAPE NOTES

- LANDSCAPE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING A BID TO BECOME COMPLETELY FAMILIAR WITH SITE CONDITIONS.
- NO PLANTING SHALL BE INSTALLED UNTIL ALL GRADING, BUILDING, CONSTRUCTION, UTILITY WORK & IRRIGATION HAS BEEN COMPLETED IN THE AREAS TO BE PLANTED.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY ALL UNDERGROUND CABLES, CONDUITS, WIRES, ETC., ON THE PROPERTY.
- ALL PROPOSED PLANT MATERIAL SHALL BE LOCATED CAREFULLY AS SHOWN ON THE PLAN. IF THE CONTRACTOR BELIEVES AN ERROR HAS BEEN MADE REGARDING SPACING OR LOCATION OF THE PLANT MATERIAL INDICATED ON THE PLAN, NOTIFY THE OWNER PRIOR TO INSTALLATION.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLETE MAINTENANCE OF THE PLANT MATERIAL (WATERING, SPRAYING, FERTILIZING, MOWING, ETC.) UNTIL THE WORK HAS BEEN ACCEPTED, BY THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS TO PROPERTY DAMAGE FROM PLANTING OPERATIONS AT NO COST TO THE OWNER.
- ALL NEWLY PLANTED PLANT MATERIAL SHALL BE GUARANTEED THROUGH ONE CALENDAR YEAR STARTING FROM THE DATE OF ACCEPTANCE ESTABLISHED BY THE OWNER.
- THE CONTRACTOR SHALL MEET WITH THE OWNER OR OWNERS REPRESENTATIVE ON SITE WHEN THEY FEEL THE PROJECT IS COMPLETE ACCORDING TO THE CONTRACT DOCUMENTS. IF ALL WORK IS SATISFACTORY AND COMPLETE ACCORDING TO THE CONDITIONS OF THE CONTRACT DOCUMENTS, THEN THE OWNER MUST DECLARE THE PROJECT COMPLETE. THIS DECLARATION WILL CONSTITUTE AS THE BEGINNING OF THE ONE (1) YEAR WARRANTY PERIOD FOR ALL PLANT MATERIAL. THE OWNER SHALL PROVIDE A LETTER WITH SIGNATURE STATING THE DATE OF ACCEPTANCE.
- WIND BURN OR OTHERWISE DAMAGED PLANT MATERIAL WILL NOT BE ACCEPTED.
- CONTRACTOR CAN SUBSTITUTE MACHINE MOVED MATERIAL USING APPROPRIATE SIZE TREE SPADE FOR B & B WITH OWNER APPROVAL.
- THE PRACTICE OF STAKING SHOULD NOT ALLOW NAILS, SCREWS, WIRES, ETC. TO PENETRATE THE OUTER SURFACE OF THE TREES.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF ALL TREE STAKES, GUYS, STRAPS AND TRUNK PROTECTION MEASURES FOLLOWING THE COMPLETION OF THE WARRANTY PERIOD OR AS DIRECTED BY THE OWNER.
- LANDSCAPE CONTRACTOR IS REQUIRED TO PROVIDE THE OWNER WITH MAINTENANCE INFORMATION DURING THE GUARANTEE PERIOD RELATING TO WATERING, FERTILIZING, PRUNING, PEST CONTROL, AND RELATED ITEMS. THIS WILL BE PREPARED AND DELIVERED TO THE OWNER AFTER PROVISIONAL INSPECTION APPROVAL HAS BEEN GIVEN BY THE OWNER.
- INSTALL CORRUGATED PLASTIC TREE GUARDS, WHITE IN COLOR, WITH THE SIZE OF TUBE 1" DIA. (MIN.) LARGER THAN THE CALIPER OF THE TREE TO BE PROTECTED.
- CONTRACTOR TO FURNISH & STALL PLASTIC EDGING AS SHOWN ON THE PLANS & DETAILS. PLASTIC EDGING SHALL BE MEDIUM DENSITY POLYETHYLENE WITH U.V. INHIBITOR, BLACK IN COLOR, WITH A TOTAL DEPTH OF 5" (1" DIA. TOP AND 4" SHAFT WITH 1.5" V EVERY 3-1/2 FEET OF EDGING.

- LANDSCAPE FABRIC (FILTER MAT) TO HAVE A COMBINED WEIGHT OF 4.5-5.5 OZ. PER S.Y. FABRIC SHOULD BE U.V. STABILIZED AND HAVE A FIVE YEAR MINIMUM WEATHERABILITY FACTOR IN FULL SUNLIGHT. FABRIC TO BE PHILLIPS DUON R OR EQUIVALENT. LANDSCAPE FABRIC INSTALLED WITH HOLES FOR PLANTS CUT 2.5 TIMES THE DIAMETER OF THE CONTAINER.
- 3" DEPTH SHREDDED HARDWOOD MULCH SHALL BE INSTALLED UNDER ALL TREES THAT ARE ISOLATED FROM GROUND COVER AREAS.
- CALIPER OF TREES UP TO AND INCLUDING 4" SHALL BE MEASURED AT 6" ABOVE GROUND LEVEL, AND 12" ABOVE GROUND LEVEL FOR LARGER SIZES.
- FOR BALLED & BURLAP PLANT MATERIAL, REMOVE THE TOP HALF OF THE BURLAP FROM THE ROOT BALL. WIRE CAGES, STRAPS, ETC. SHALL BE REMOVED FROM THE TOP HALF OF THE ROOTBALL BEFORE INSTALLATION.
- ALL CONTAINER MATERIAL SHALL HAVE BEEN GROWN IN CONTAINER FOR A MINIMUM OF 6 MONTHS PRIOR TO INSTALLATION.
- LANDSCAPE CONTRACTOR SHALL PROVIDE AND INSTALL NURSERY GROWN PLANT MATERIAL CONFORMING TO THE REQUIREMENTS AND RECOMMENDATIONS OF THE LATEST EDITION OF ANSI Z60.1 STANDARDS UNLESS OTHERWISE NOTED IN THE PLANS OR SPECIFICATIONS.

PLANTING, SODDING AND TOPSOIL NOTES

- LANDSCAPE CONTRACTOR SHALL ENSURE THAT NEW TREES MOVED ONTO THE SITE ARE DUG FROM SIMILAR SITES WITH SIMILAR SOILS TO THE SOILS OF THIS PROJECT (HEAVY TO HEAVY, LIGHT TO LIGHT, HEAVY TO LIGHT SOILS). CONTRACTOR SHALL REVIEW SOIL CONDITIONS/TYPES WITH OWNER/LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- ALL NEWLY INSTALLED PLANT MATERIAL SHALL BE PLANTED IN WELL-DRAINED AREAS. NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION IF ANY PLANT MATERIAL IS LOCATED IN DRAINAGE SWALES OR WET & POORLY DRAINED AREAS.
- ALL PLANTINGS SHALL RECEIVE FERTILIZER AS FOLLOWS:
 - SUMMER AND FALL PLANTING: 0-20-20 GRANULAR (IN SAUCER AROUND PLANT AT THE RATE OF 12 OZ. PER 2-3" CAL. TREE & 6 OZ. PER SHRUB).
 - SPRING PLANTING: 10-10-10 GRANULAR (APPLY ABOVE REFERENCED FERTILIZER AT A RATE OF 12 OZ. PER 1-1/2" CAL. TREE OR LARGER & 6 OZ. PER SHRUB & PERENNIAL).
- ALL PLANTINGS SHALL RECEIVE AN AMENDED SOIL MIX CONSISTING OF THREE (3) PARTS:
 - 45% APPROVED TOPSOIL (ONE SITE PREFERRED)
 - 45% ORGANIC MATTER (TYPE 1 SPHAGNUM PEAT MOSS FINELY DIVIDED WITH A PH OF 3.1 - 5.0.)
 - 10% SAND (FINE CLEAN MASONRY SAND)
- AREAS TO RECEIVE SOD SHALL HAVE A 6" MINIMUM DEPTH OF TOPSOIL. TOPSOIL SHALL PROVIDE FERTILE, FRIABLE, NATURAL LOAM, SURFACE SOIL, REASONABLY FREE OF SUBSOIL, CLAY CLUMPS, BRUSH WEEDS AND OTHER LITTER, AND FREE OF ROOTS, STUMPS, STONE LARGER THAN 1" IN ANY DIMENSION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH.
- SOD SHALL BE HIGHLAND SOD, 30" X 100' ROLLS PREFERRED WHERE APPLICABLE, TO BE LAID PARALLEL WITH THE CONTOURS AND HAVE STAGGERED JOINTS. ON SLOPES STEEPER THAN 3:1 OR DRAINAGE SWALES, THE SOD SHALL BE STAKED INTO THE GROUND. SCARIFY THE EXISTING GRADES WITH FIELD CULTIVATOR PRIOR TO PLACING OF TOPSOIL AND FINISH GRADING FOR SOD. IMMEDIATELY PRIOR TO PLACING SOD, CONTRACTOR SHALL APPLY 10-6-4 FERTILIZER AT THE RATE OF 10 POUNDS PER 1000 SQ. FT.

PLANT ESTABLISHMENT PERIOD

- THE REQUIRED WORK SHALL CONSIST OF CONTINUOUSLY CONDUCTING OPERATIONS AND MAINTENANCE FOR A WARRANTY PERIOD ESTABLISHED FOR 1 YEAR AFTER THE INSTALLATION HAS BEEN ACCEPTANCE BY THE OWNER. THE WORK INCLUDES:
 - ESTABLISHMENT OF BALLED AND BURLAPPED AND CONTAINER PLANT MATERIAL AND SODDED AREAS INCLUDING PEST CONTROL, FERTILIZING AND FUNGICIDAL TREATMENTS
 - REGULAR WATERING SCHEDULING FOR ALL PLANT MATERIAL AND SOD
 - IRRIGATIONS SYSTEM OPERATION AND MAINTENANCE
 - REMOVAL OF ALL WEEDS WITHIN THE PROJECT AREA BY METHODS AGREED BY THE OWNER (POST/PRE HERBICIDE TREATMENT, HAND OR MECHANICAL REMOVAL)
 - MAINTENANCE OF MISCELLANEOUS ITEMS (EROSION CONTROL PRODUCTS, REPAIRS FROM EROSION)
- PLANT MATERIAL DEEMED TO BE REPLACED AT THE END OF PLANT ESTABLISHMENT PERIOD SHALL BE EXECUTED WITHIN 2 WEEKS (14 DAYS) PRESENTING LESS THE FOLLOWING SURVIVORSHIP:
 - BALLED AND BURLAPPED AND CONTAINER PLANT MATERIAL: 75%
 - SODDED AREAS: 100% (0% BARE SOIL)
- REPLACEMENT PLANTS AND SOD SHALL BE OF THE SAME SPECIES AND SIZE AS ORIGINALLY SPECIFIED ON THE DRAWINGS, UNLESS THE OWNER DETERMINES THAT SUBSTITUTIONS OF ANOTHER SPECIES OR SIZE SHALL BE MADE.



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PROJECT

AFFINITY PLUS CREDIT UNION

NEW BUILDING

SHAKOPEE, MINNESOTA

ISSUED SET SITE PLAN REVIEW

REVISIONS

DATE NO.

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION
OR REPORT WAS PREPARED BY ME OR UNDER MY
DIRECT SUPERVISION, AND THAT I AM A DULY
LICENSED LANDSCAPE ARCHITECT UNDER THE
LAWS OF THE STATE OF MINNESOTA.

NOT FOR CONSTRUCTION

CURT CLAEYS, PLA

45613

REG. NO.

05/5/2023

DATE



ANDERSON

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LANDSCAPE NOTES & DETAILS

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