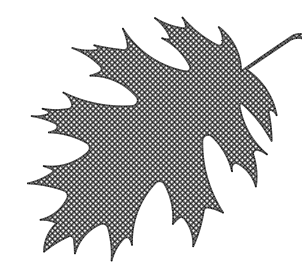


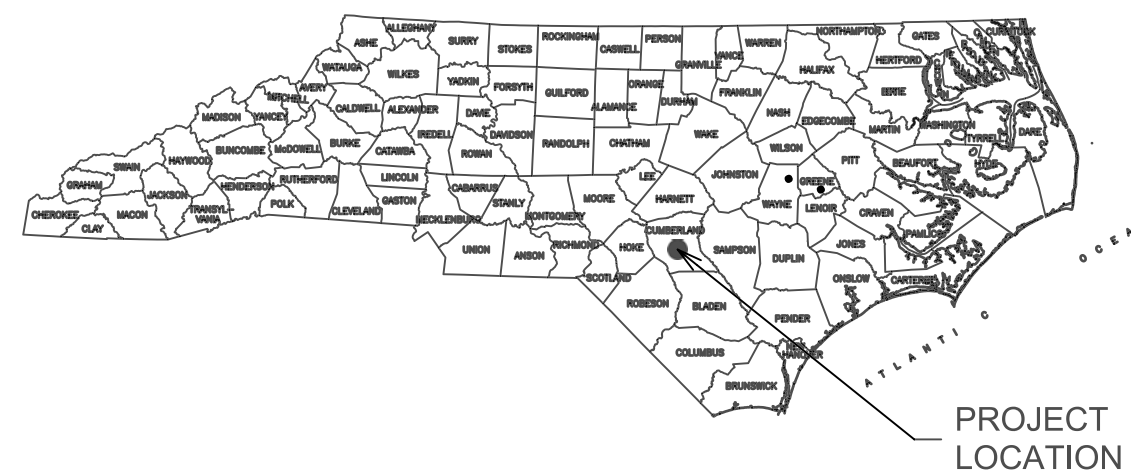
PROJECT: FAYETTEVILLE OUTER LOOP (I - 295), FAYETTEVILLE, NC



PROPOSED HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
X-002BC & CA, X-0002B & U-2519E, U-2519CB, U-2159DA	35196.3.18, 35196.3.23, 34817.3.S8, 34817.3.12	L1	5
FED. PROJECT #	DESCRIPTION	DIVISION	
-----	LANDSCAPE	6	



CONVENTIONAL SYMBOLS

County Line	-----
City or Town Line	-----
Exist. Right of Way Line Marker	-----▲-----
Prop. Right of Way Line Marker (By Others)	-----▲-----
Prop Right of Way Line Marker (By Contract)	-----▲-----
Exist. Control of Access Line	-----○-----
Prop. Control of Access Line	-----○-----
Property Line	-----E-----
Easement Line	-----E-----
Slope Stake Line	-----E-----
Exist. Fence	-----+-----
Prop. Woven Wire Fence	-----+-----
Prop. Chain Link Fence	-----+-----
Exist. Road	-----
Prop. Road	-----
Guardrail	-----
Survey Line	-----
Denotes Line Equality	-----
Bridge	-----
Culvert	-----
Railroad	-----
Woods	-----
Exist. Telephone Pole	-----
Prop. Telephone Pole	-----
Tower Pole and Line	-----
Exist. Power Pole	-----
Prop. Power Pole	-----
Sanitary Sewer Line	-----SS-----
Water Line	-----
Gas Line	-----GAS-----
Picnic Shelter	-----
Regeneration	-----
Reforestation	-----
Wetland Area	-----
Stream or Body of Water Mitigation	-----
Erosion Control Fencing	-----x-----

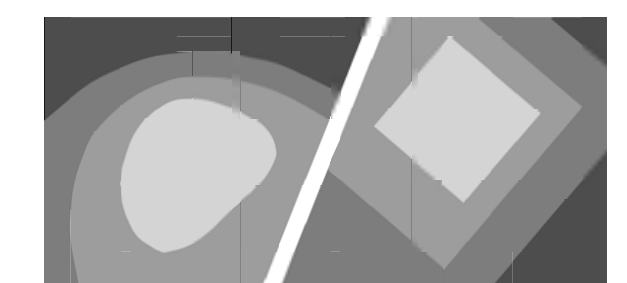
SUMMARY OF PROJECT QUANTITIES

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	MINIMUM CAL	SIZE
	ILEN	51	ILEX X 'NELLIE R. STEVENS'	NELLY R. STEVENS HOLLY	B & B		8'-10'
	JN	6	JUGLANS NIGRA	BLACK WALNUT	B & B	2.5" CAL	12'-14'
	JUN EAS	8	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	B & B		8'-10'
	PT1	12	PINUS TAEDA	LOBLOLLY PINE	B & B	1.5" CAL	8'-10'
	LAG M	14	LAGERSTROEMIA INDICA X FAURIEI 'MUSKOGEE'	MUSKOGEE CRAPE MYRTLE	B & B	2.5" CAL.; MULTI-STEM, 3 CANES MIN.	10' - 12'
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	HGT.,SPRD	
	EUO CO	25	EUONYMUS ALATUS 'COLES COMPACT'	BURNING BUSH	B&B	48"	
	FOR NRA	44	FORSYTHIA X INTERMEDIA	FORSYTHIA	7 GAL	36"	
	ILE CR	74	ILEX CRENATA 'SOFT TOUCH'	'SOFT TOUCH' JAPANESE HOLLY	3 GAL	12" - 15"	
	JUN ANG	149	JUNIPERUS CHINENSIS 'ANGELICA BLUE'	ANGELICA BLUE JUNIPER	7 GAL	24" - 30"	
	MD	78	MYRICA CERIFERA 'DON'S DWARF'	DON'S DWARF WAX MYRTLE	7 GAL	36" - 48"	
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME			REMARK
	MUH CAP	11,599	MUHLENBERGIA CAPILLARIS	PINK MUHLY	32' S	4" HGT	18" O.C.
	VIN MAJ	10,139	VINCA MAJOR	PERIWINKLE	2.25" POT	50/FLAT	18" O.C.
	HE	4,569	HEMEROCALLIS 'RED'	DAYLILLIES	BR	8" - 10" HGT; 3-6 FANS	18" O.C.
	NA	4,569	NARCISSUS 'JACK SNIPE'	DAFFODIL	BULB		18" O.C.

INDEX OF SHEETS:

- L1.....TITLE SHEET + QUANTITIES
- L2.....SHEET LAYOUT PLAN + SYMBOLOGY
- L3.....PLANTING DETAILS
- L4A.....RAMSEY RD PLANTING PLAN
- L4B.....RAMSEY RD LAYOUT PLAN

PREPARED BY:



STEWART

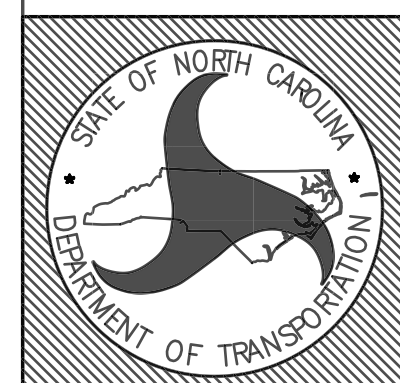
223 S. WEST ST, SUITE 1100, RALEIGH, NC 27603
T 919.380.8750

FIRM LICENSE #: C-1051
www.stewartinc.com
PROJECT #: C16071

DATE: 11/09/2018

REVISIONS

DATE	DESCRIPTION

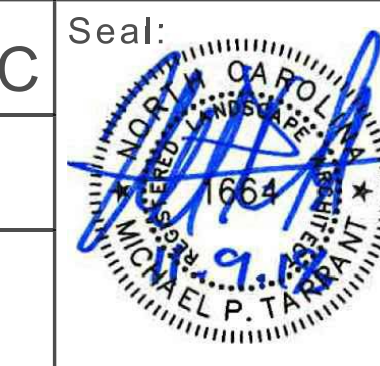


STATE OF
NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

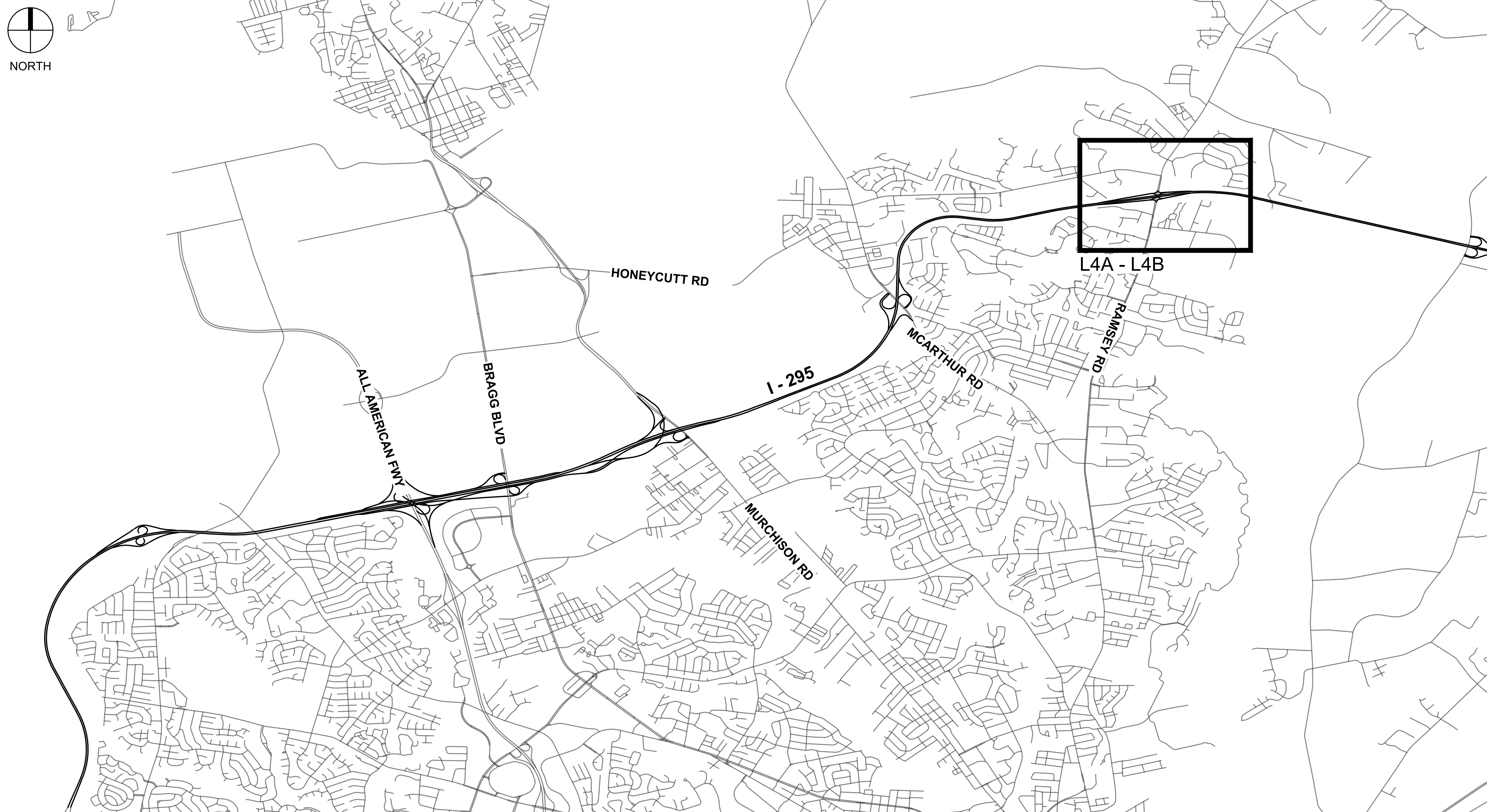
LOCATION: I - 295 & RAMSEY RD, FAYETTEVILLE, NC

TYPE of WORK: LANDSCAPE DEVELOPMENT

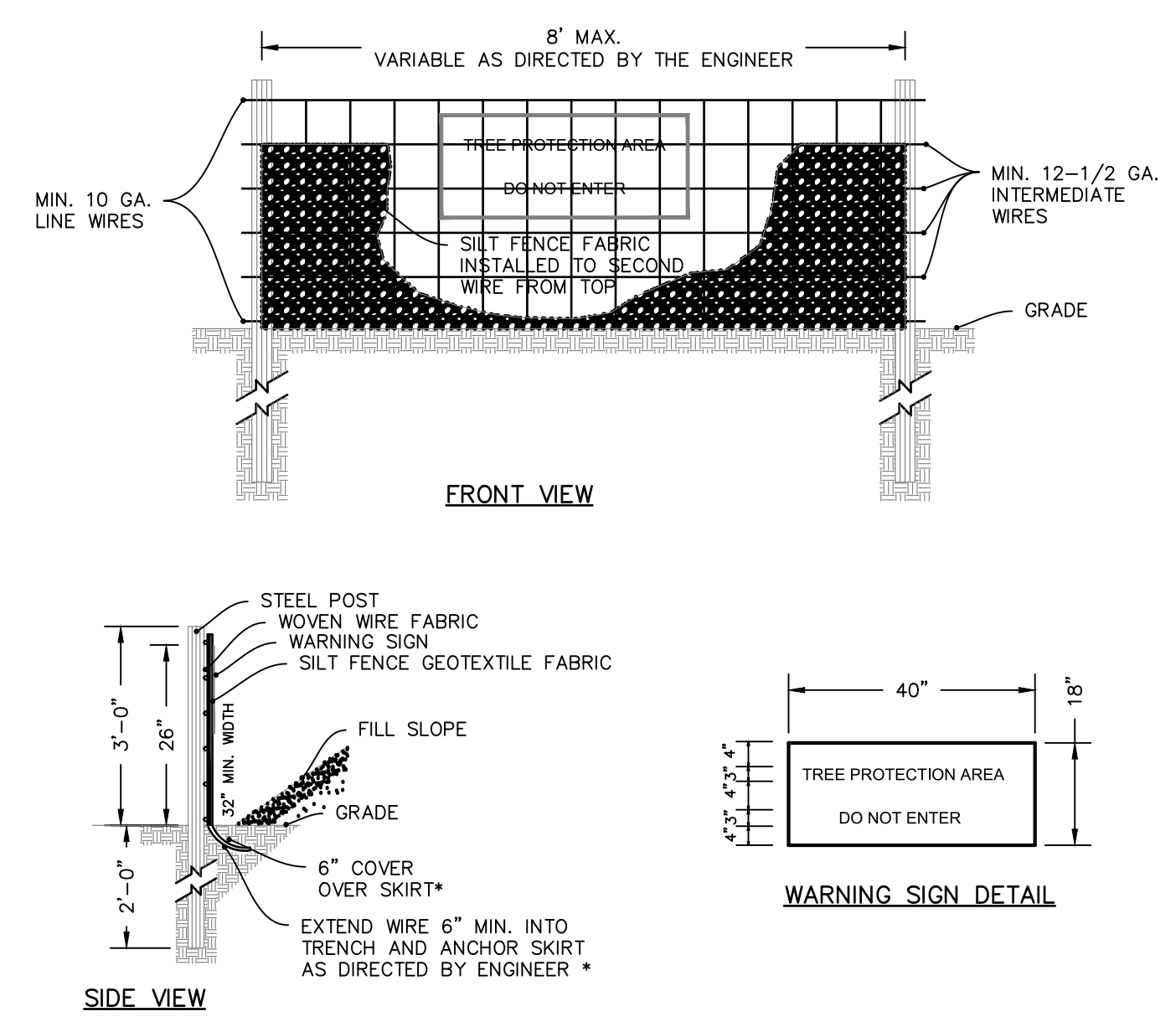
COUNTY: CUMBERLAND COUNTY



2004 American Standard for Nursery Stock
2012 NCDOT STANDARD SPECIFICATIONS
PREPARED FOR THE OFFICE OF:
NCDOT- ROADSIDE ENVIRONMENTAL UNIT
LANDSCAPE DESIGN & DEVELOPMENT SECTION
1557 MAIL SERVICE CENTER
RALEIGH NC 27699 919-707-2935



VICINITY AND PLAN KEY MAP
SCALE: N.T.S

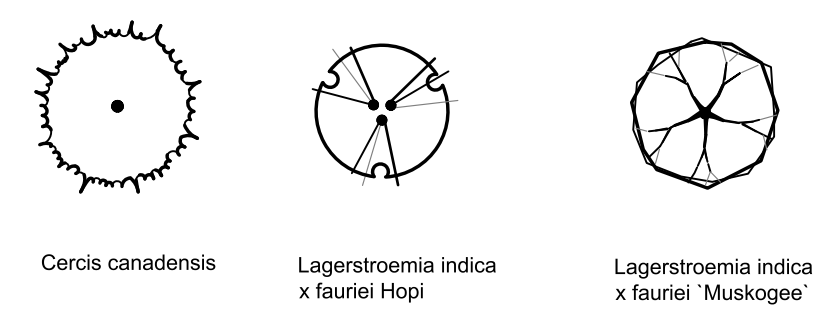


- NOTES:
- USE SILT FENCE ONLY WHEN DRAINAGE AREA DOES NOT EXCEED 1/4 ACRE AND NEVER IN AREAS OF CONCENTRATED FLOW.
 - END OF SILT FENCE NEEDS TO BE TURNED UPHILL.
 - FOR REPAIR OF SILT FENCE FAILURES, USE No. 57 WASHED STONE.
 - FOR ANCHOR WHEN SILT FENCE IS PROTECTING CATCH BASIN.
 - WARNING SIGNS TO BE MADE OF DURABLE, WEATHERPROOF MATERIAL.
 - LETTERS TO BE 3" HIGH MINIMUM, CLEARLY LEGIBLE AND SPACED AS DETAILED.
 - SIGNS SHALL BE PLACED AT 50' MAXIMUM INTERVALS. PLACE A SIGN AT EACH END OF LINEAR TREE PROTECTION AND 50' ON CENTER THEREAFTER.
 - FOR TREE PROTECTION AREAS LESS THAN 200' IN PERIMETER, PROVIDE NO LESS THAN ONE SIGN PER PROTECTION AREA.
 - ATTACH SIGNS SECURELY TO FENCE POSTS AND FABRIC. MAINTAIN TREE PROTECTION FENCE THROUGHOUT DURATION OF PROJECT. ADDITIONAL SIGNS MAY BE REQUIRED BY LOCAL JURISDICTIONAL INSPECTIONS DEPARTMENT BASED ON ACTUAL FIELD CONDITIONS.
 - PLACE A SIGN AT EACH END OF LINEAR TREE PROTECTION AND 50' ON CENTER THEREAFTER.

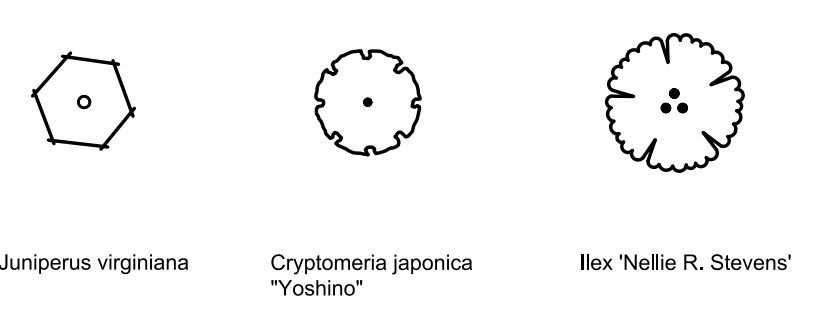
1 STANDARD TEMPORARY SILT / TREE PROTECTION FENCE
NTS

PLANT SYMBOLOGY:

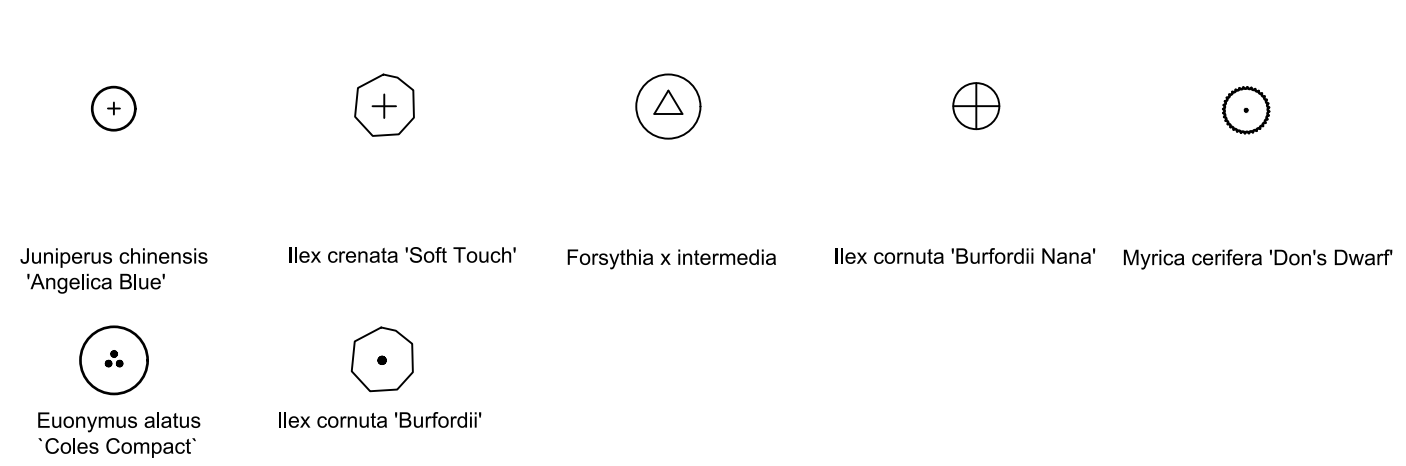
SMALL DECIDUOUS TREES



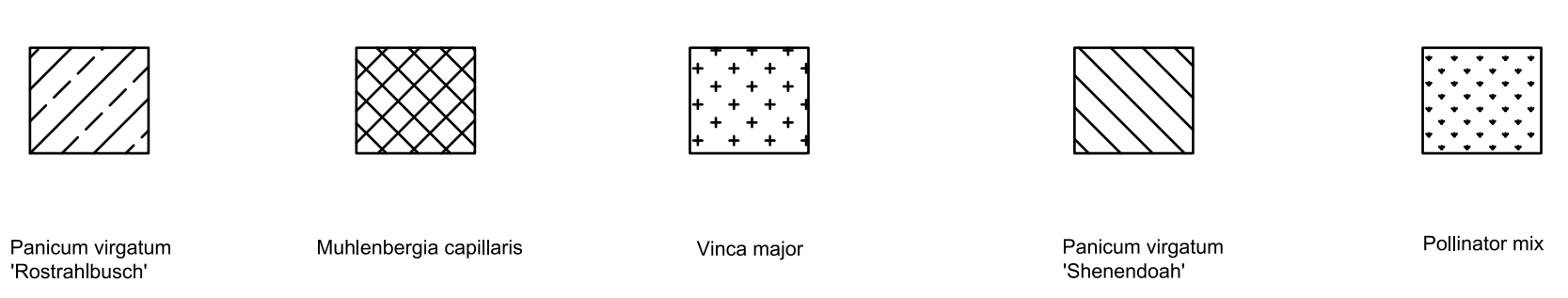
SMALL EVERGREEN TREES



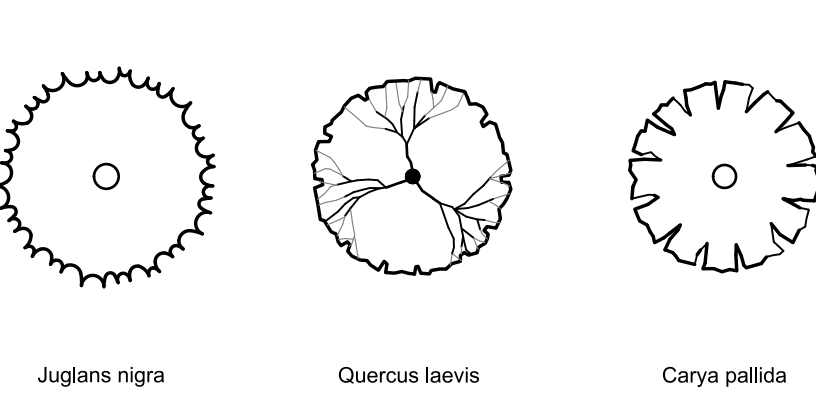
SHRUBS



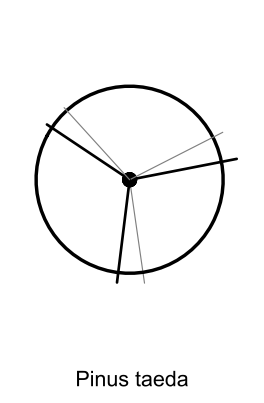
GRASSES



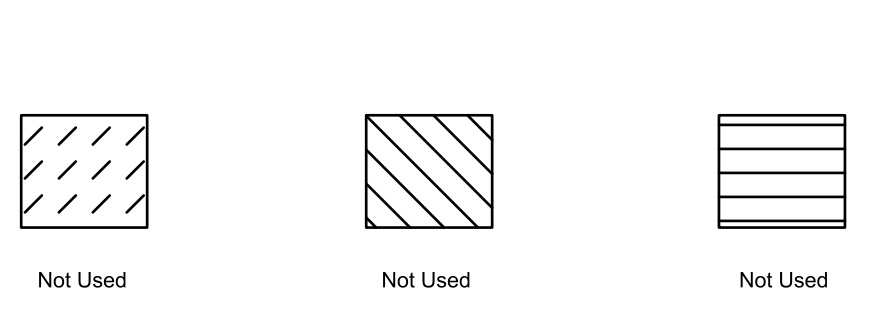
LARGE DECIDUOUS TREES



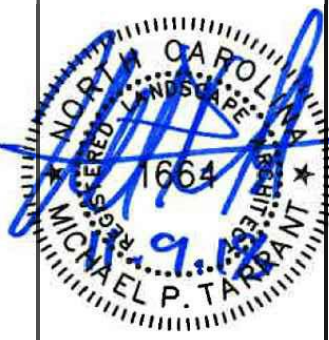
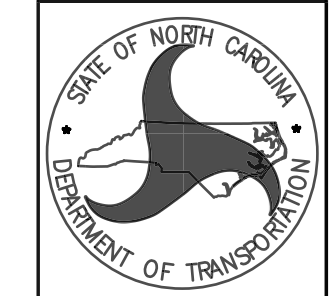
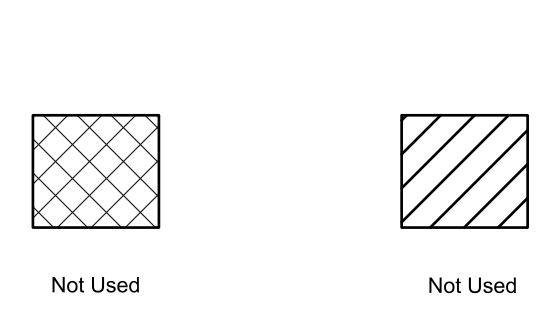
LARGE EVERGREEN TREES

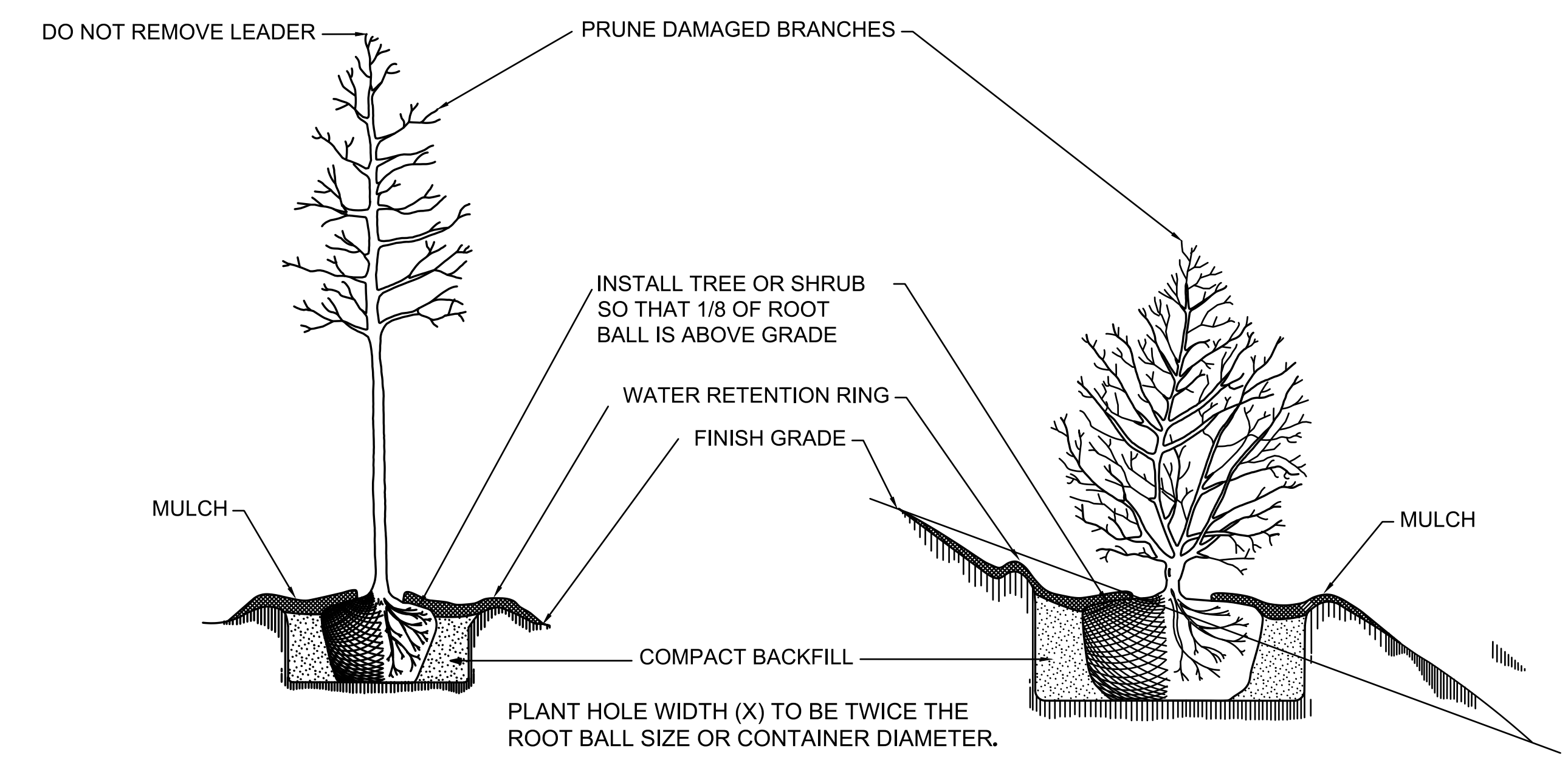


PERENNIALS



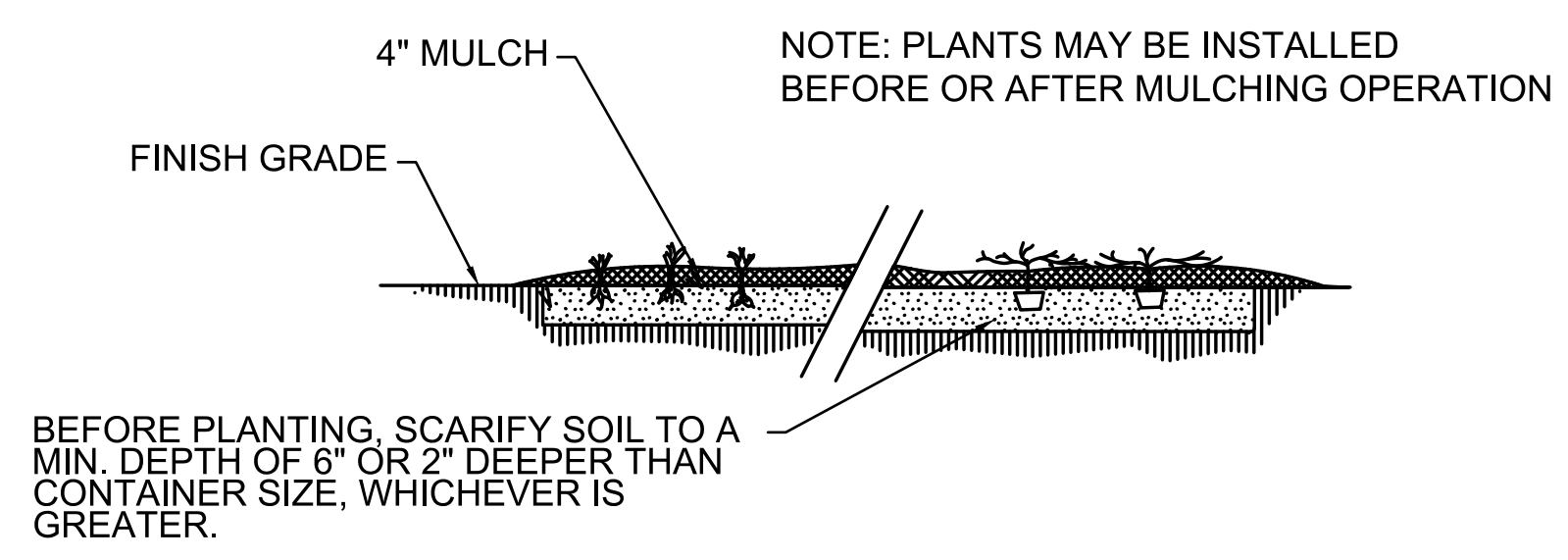
MISCELLANEOUS



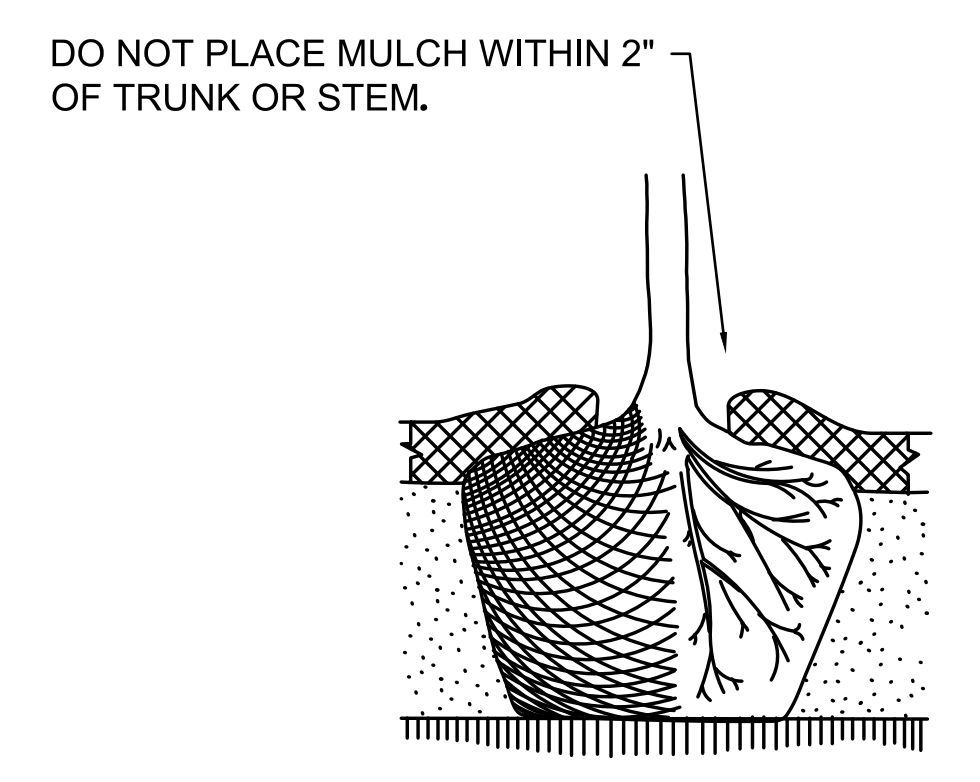


TREE OR SHRUB PLANTING DETAIL
(LEVEL GROUND)

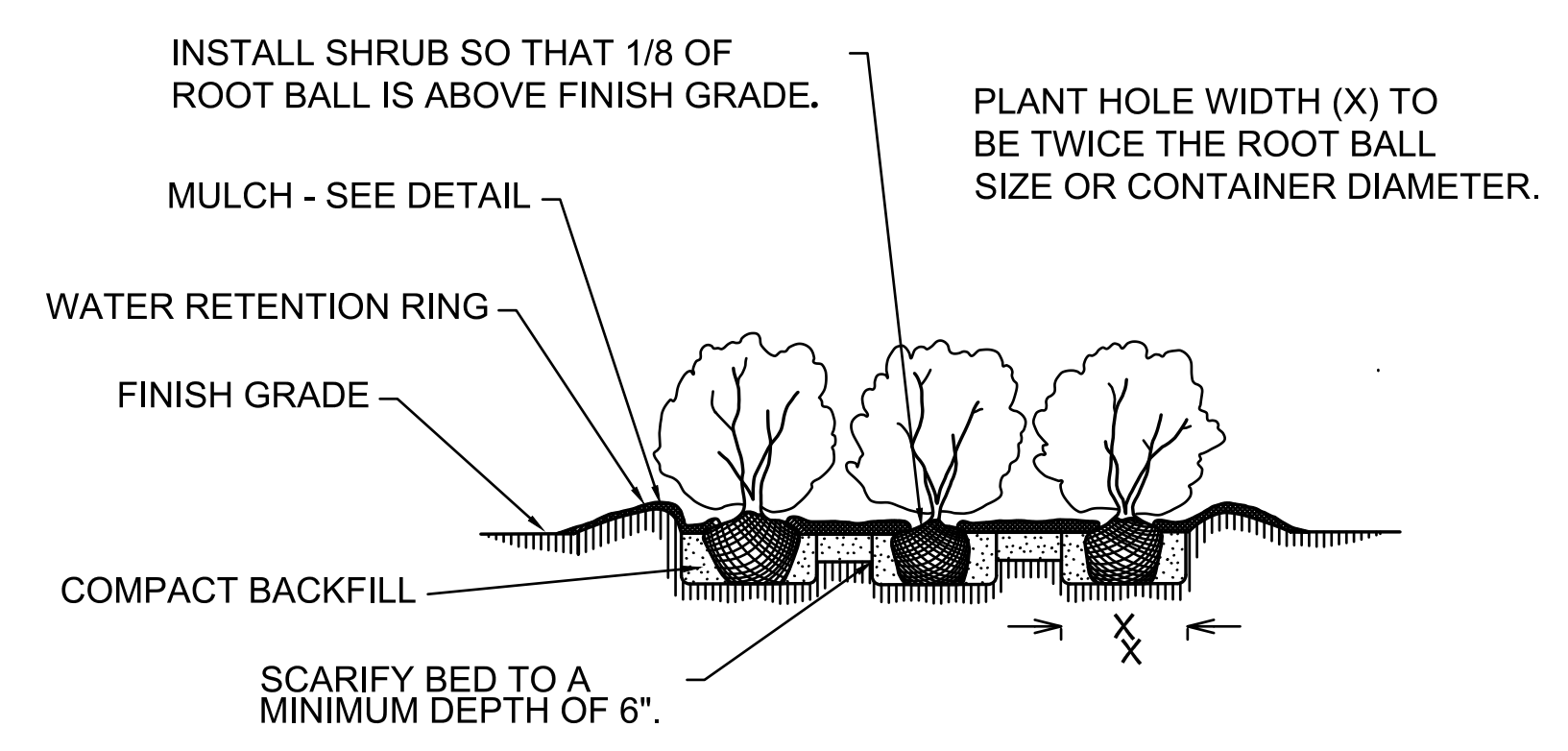
TREE OR SHRUB PLANTING DETAIL
(SLOPING GROUND)



GROUND COVER/BEDDING PLANT DETAIL



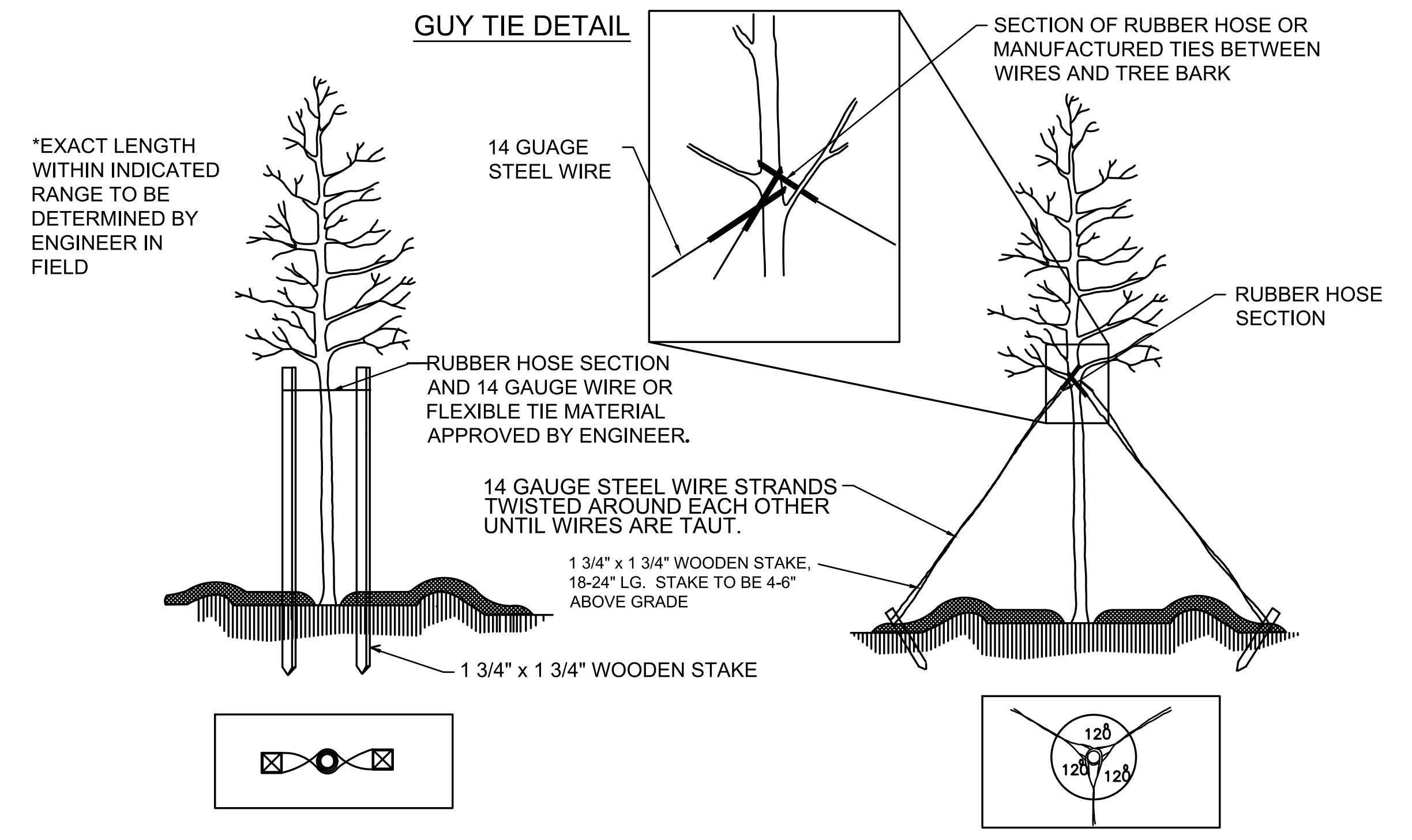
MULCH DETAIL



SHRUB BED PLANTING DETAIL

NOTES:

- SCHEDULE FOR PLANT HOLE SIZE: PLANT HOLE WIDTH TO BE TWICE THE ROOT BALL SIZE OR CONTAINER DIAMETER.
- SEE STANDARD SPECIFICATIONS FOR PLANT BED FUMIGATION AND HERBICIDAL TREATMENT.
- APPLY FERTILIZER AT PLANTING TIME IN THE FORM OF A SLOW RELEASE PELLETT OR TABLET. APPLY AT RATE RECOMMENDED BY MANUFACTURER. BOTH RATE AND FORMULATION MUST BE APPROVED BY FIELD ENGINEER PRIOR TO APPLICATION.
- REMOVE WIRE BASKET AND FOLD BURLAP BACK FROM TOP OF ROOT BALL BEFORE BACKFILLING IS COMPLETE.
- ALL PRUNING TO FOLLOW STANDARD ARBORICULTURAL PRACTICES AS SPECIFIED BY INTERNATIONAL SOCIETY OF ARBORICULTURE.
- DO NOT ATTEMPT TO STRAIGHTEN A TREE THAT HAS BEEN PLANTED AT AN ANGLE WITH THE USE OF STAKING OR GUYING. DIG TREE AND REPLANT TO UPRIGHT POSITION.
- ALL WORK TO BE IN ACCORDANCE WITH NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES (JANUARY 2012).
- QUANTITIES OF MULCH, PRE-EMERGENCE AND POST EMERGENCE HERBICIDAL TREATMENT INCLUDES ALL PROPOSED PLANT BEDS AND SVR/WOODED AREA CLEAN-UP.

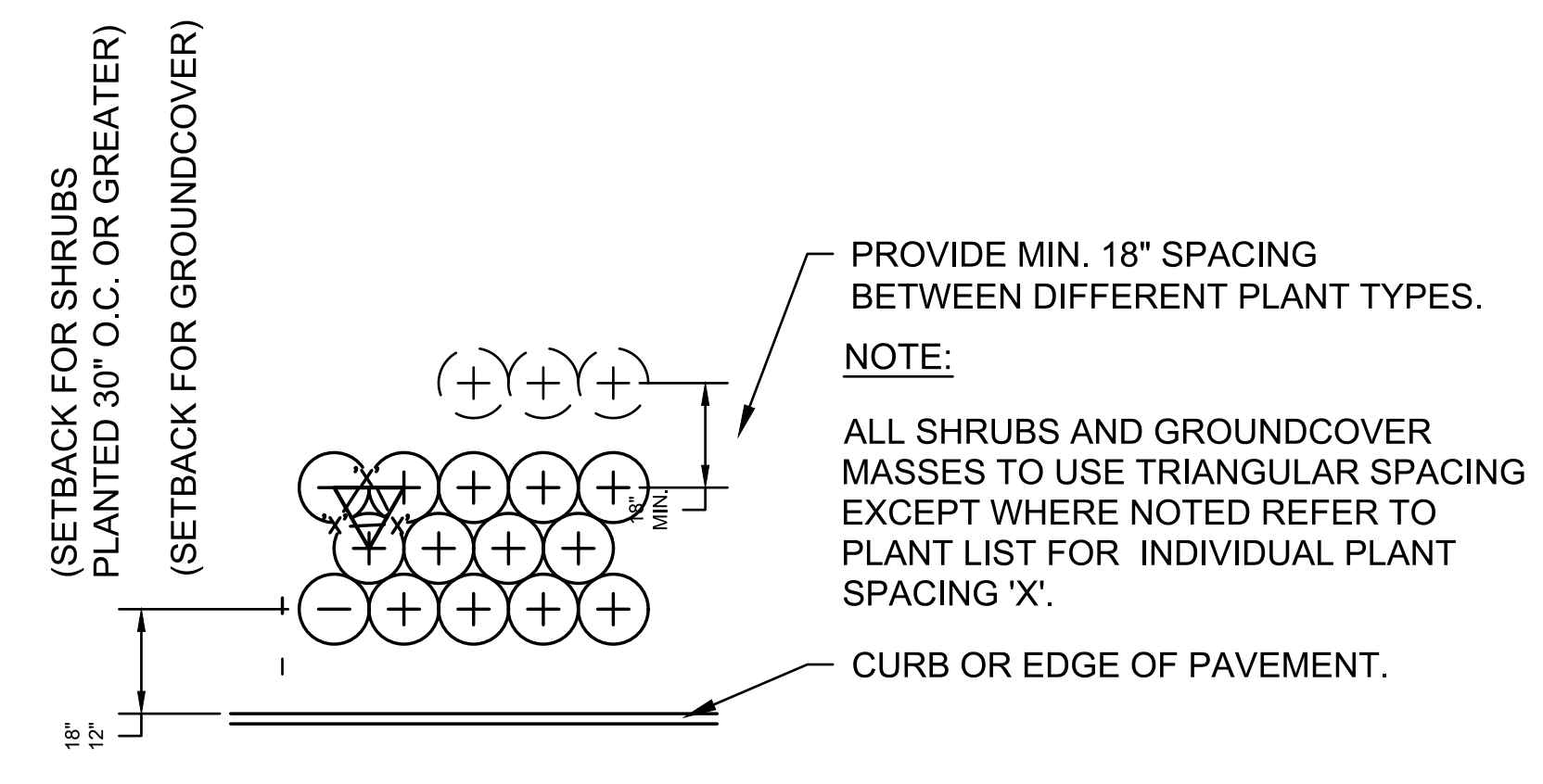


STAKING DETAIL
(TREES 6' - 10')

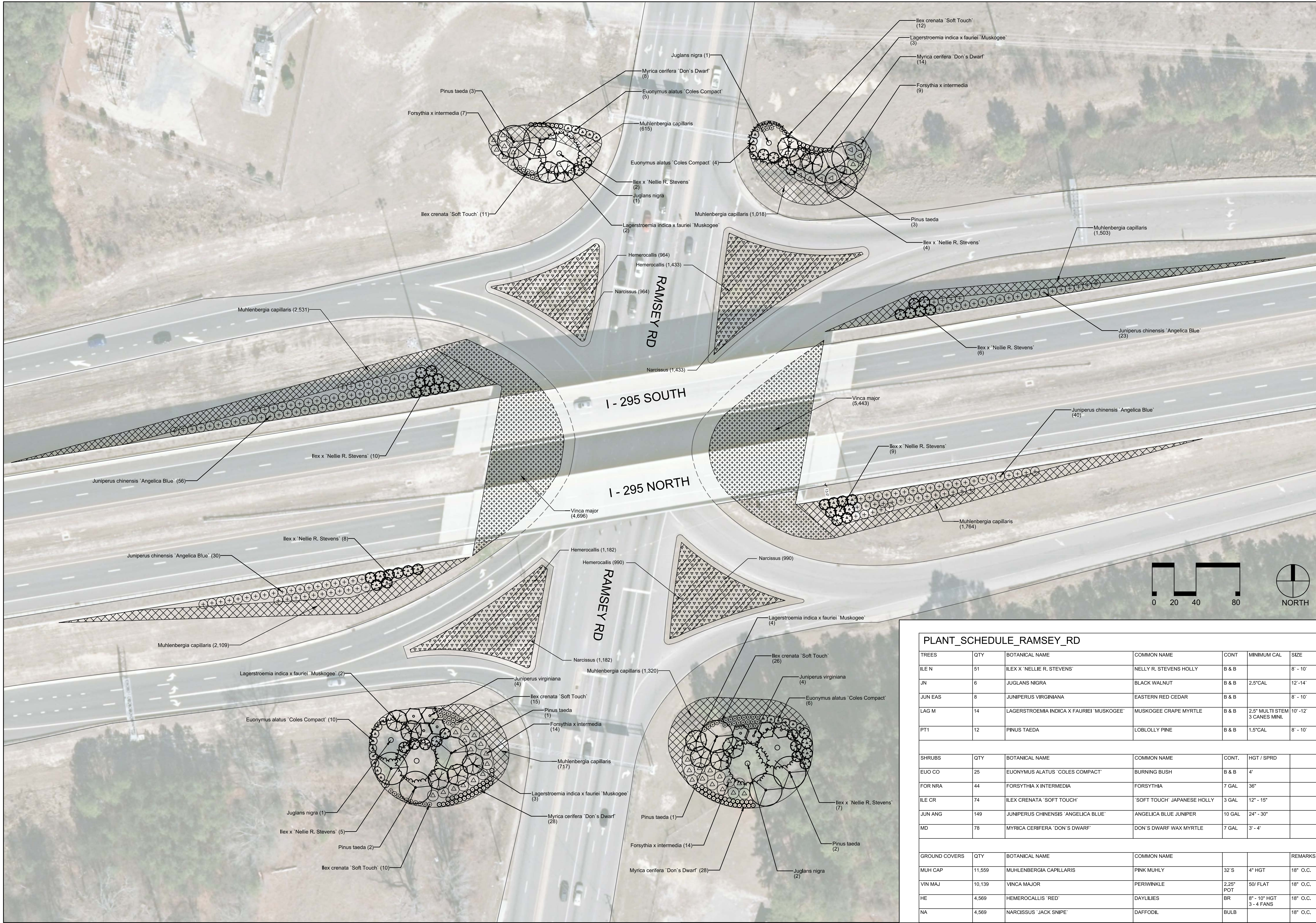
USE AS DIRECTED BY FIELD ENGINEER

GUYING DETAIL
(TREES 10' OR LARGER)

USE AS DIRECTED BY FIELD ENGINEER



TYPICAL PLANT SPACING



PLANT_SCHEDULE_RAMSEY_RD

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	MINIMUM CAL	SIZE
ILE N	51	ILEX X 'NELLIE R. STEVENS'	NELLY R. STEVENS HOLLY	B & B		8' - 10'
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JUN EAS	8	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	B & B		8' - 10'
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NA	4,569	NARCISSUS 'JACK SNIPER'	DAFFODIL	BULB		18" O.C.



