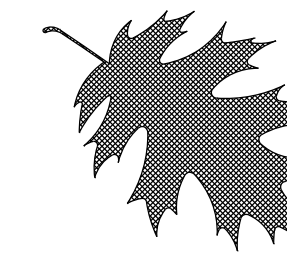
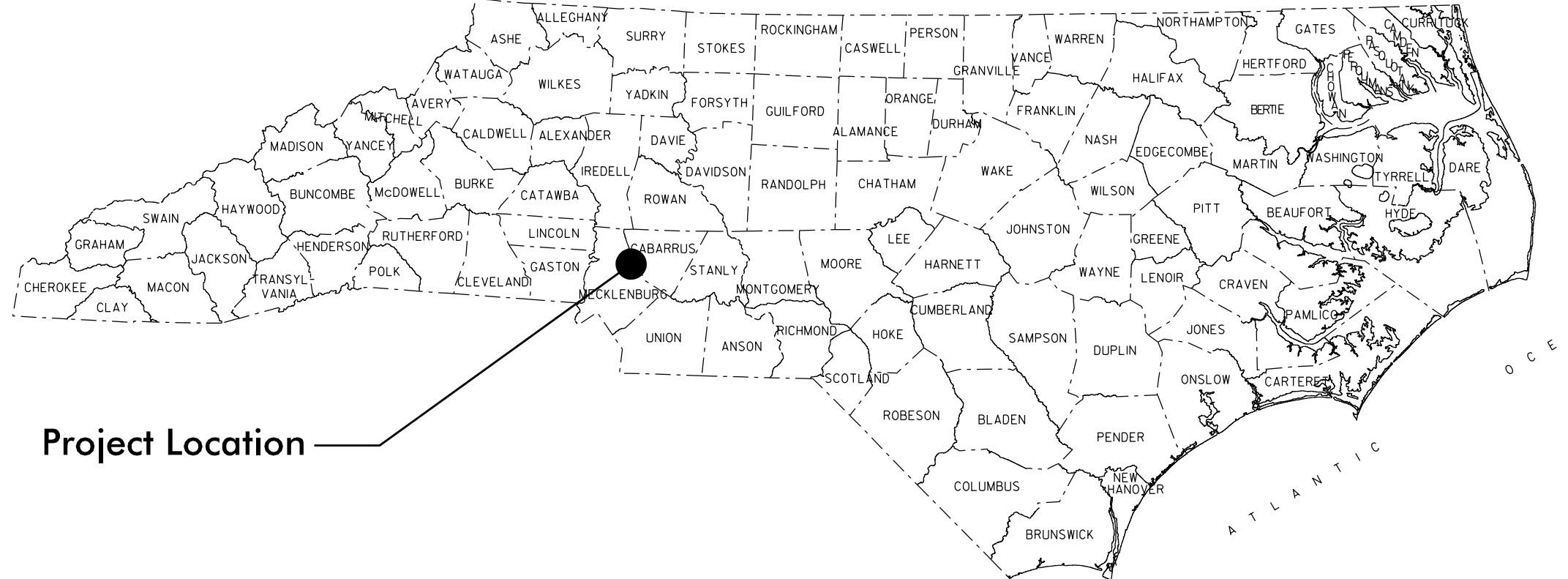
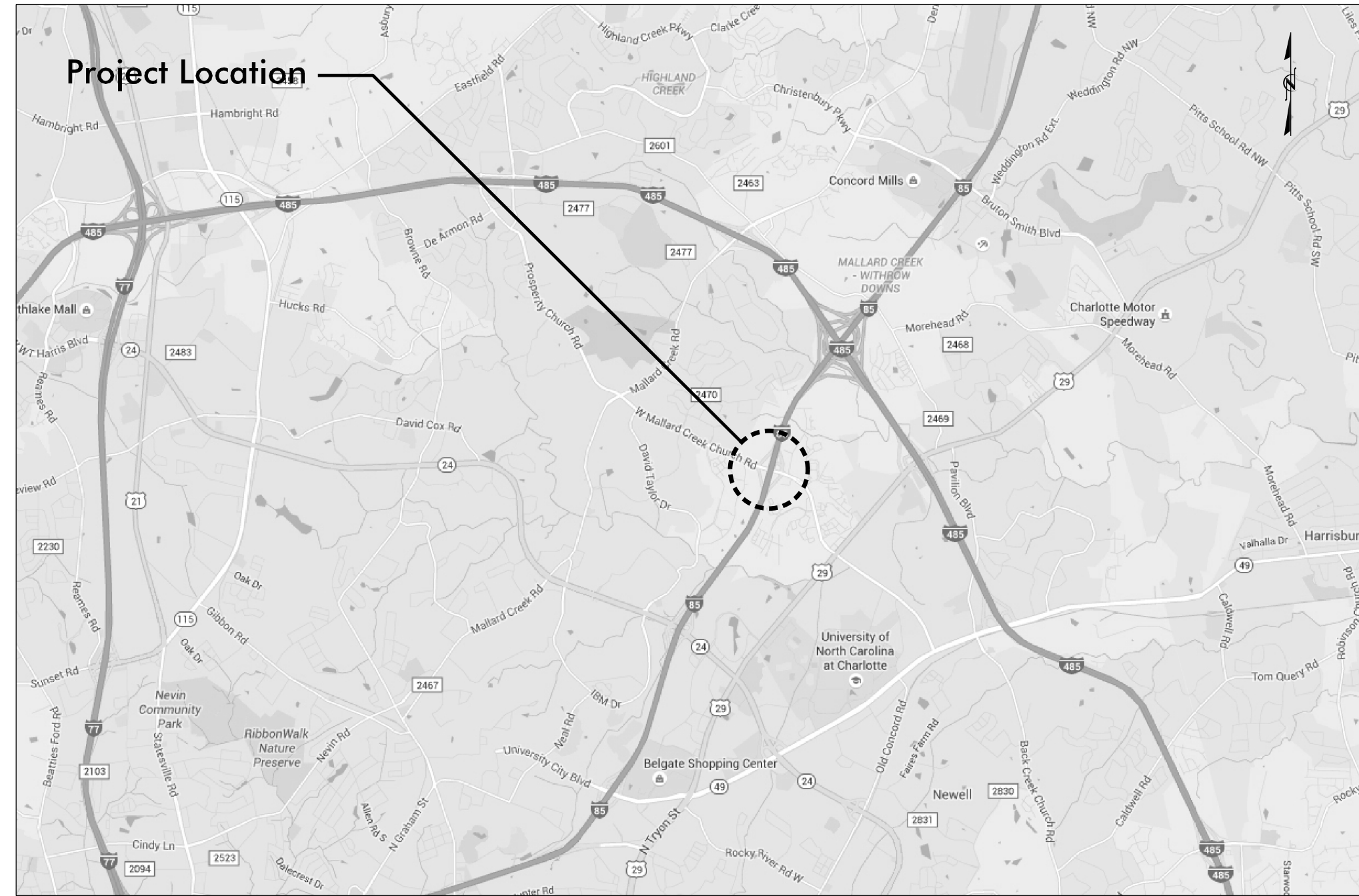


HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
R-2123CE	- - - - -	L1	6
FED. PROJ. #	DESCRIPTION		DIVISION
-	TIP		10



Project Location

Charlotte I-85 & Mallard Creek Church Rd

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.....	-----
Easement Line.....	-----
Slope Stake Line.....	-----
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.....	-----
Water Line.....	-----
Gas Line.....	-----
Picnic Shelter.....	□
Regeneration.....	-----
Reforestation.....	-----

Summary of Quantities 1 year establishment

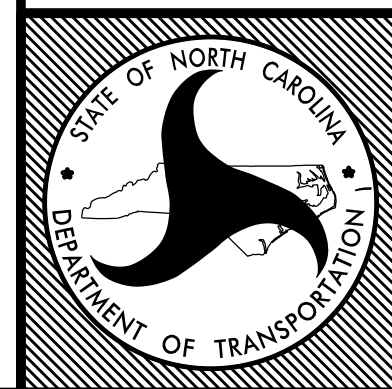
DES	SEC	QTY	UNIT	KEY	BOTANICAL NAME	COMMON NAME	SIZE	CALIPER	FURNISH	A.S.N.S.	REMARKS
Trees											
L	1670	13	ea	LM	<i>Lagerstroemia Indica x Fauriei 'Muskogee'</i>	Muskogee Crape Myrtle	8-9'		B&B	2.5	30' O.C.
L	1670	12	ea	ML	<i>Magnolia grandiflora 'Little Gem'</i>	Little Gem Magnolia	7-8'		B&B	2.2	30' O.C.
L	1670	3	ea	QP	<i>Quercus palustris</i>	Pin Oak		2 1/2"	B&B	2.1	As Shown
Other Vegetation Costs											
L	1670	3	Acre		Clearing and Grubbing						
L	1670	9	CY		Mulch for New Trees						Depth of 4"
L	1670	83	M/G		Water for planting and seeding	Planting(2 M/G); Seeding (81 M/G)					
L	1670	3	Acre		Seeding & Mulching (Fescue Grass seed mix)						
L	1670	14520	SY		Pre emergence Herbicidal Treatment						
L	1670	14520	SY		Post emergence Herbicidal Treatment						

- INDEX OF L SHEETS:
- L 1.0 - Title Sheet
 - L 2.0 - Planting Details
 - L 3.0 - Design Plan Quadrant 1
 - L 4.0 - Design Plan Quadrant 2
 - L 5.0 - Design Plan Quadrant 3
 - L 6.0 - Design Plan Quadrant 4

PREPARED BY: KC DATE: 06/2016

REVISIONS

DATE	DESCRIPTION



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

LOCATION: Charlotte I-85 & Mallard Creek Church Rd.

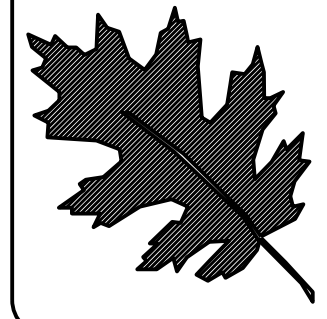
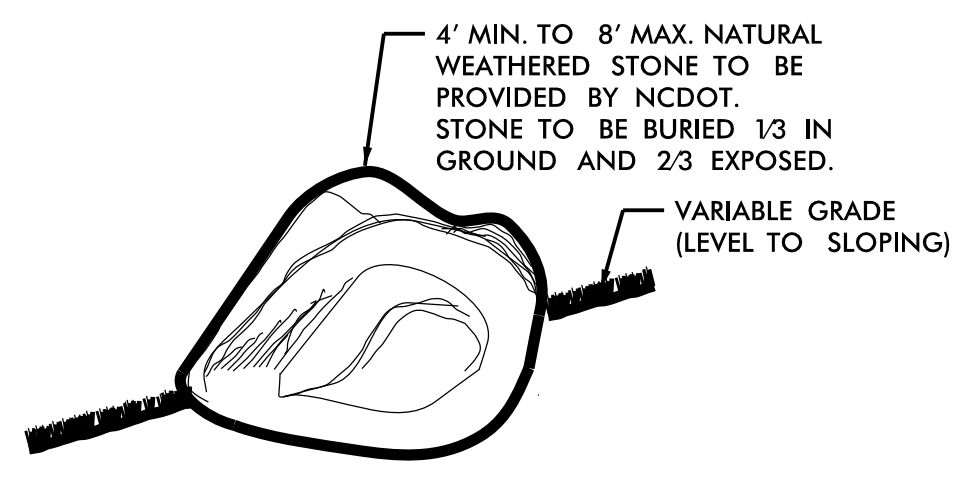
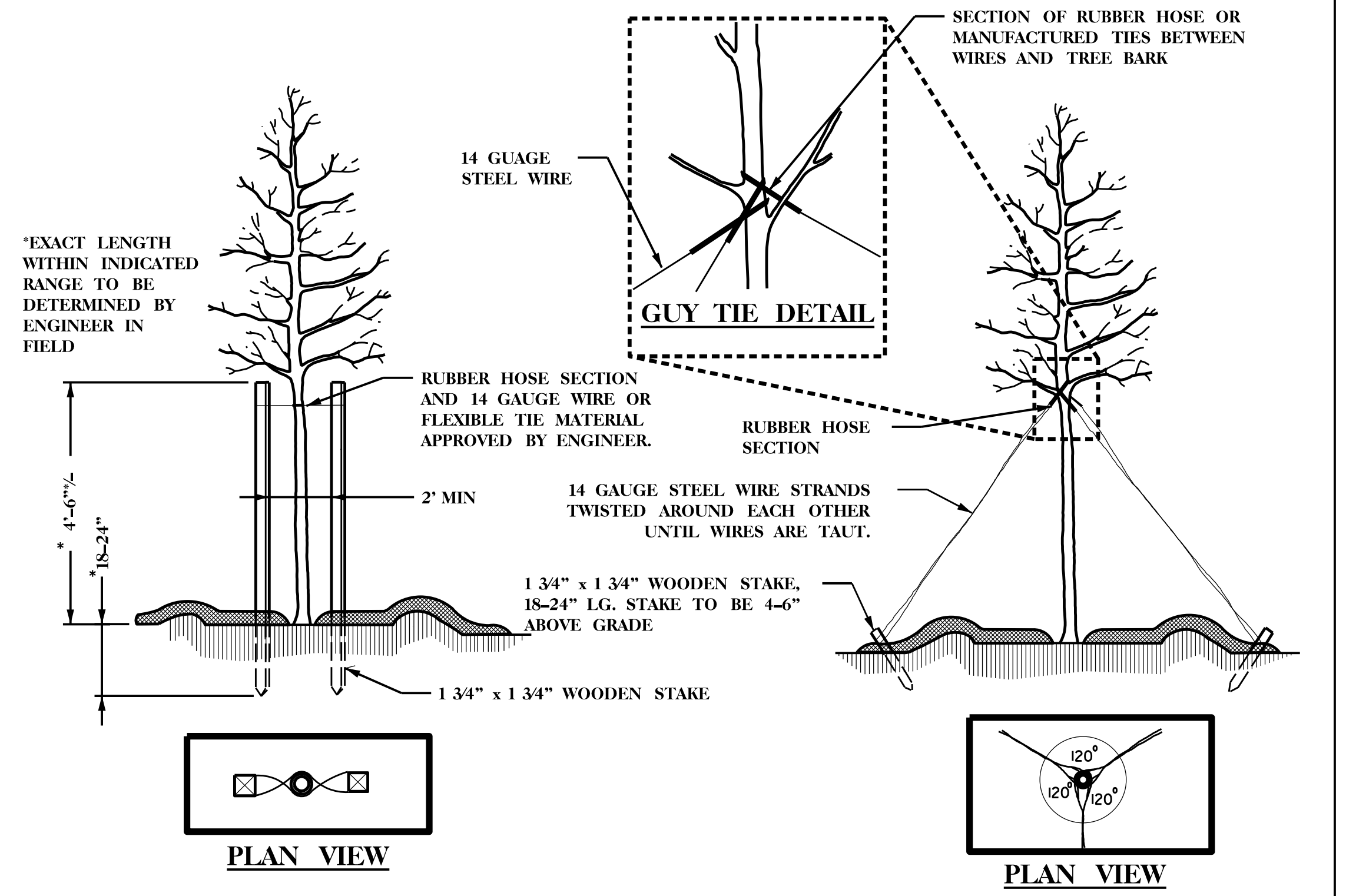
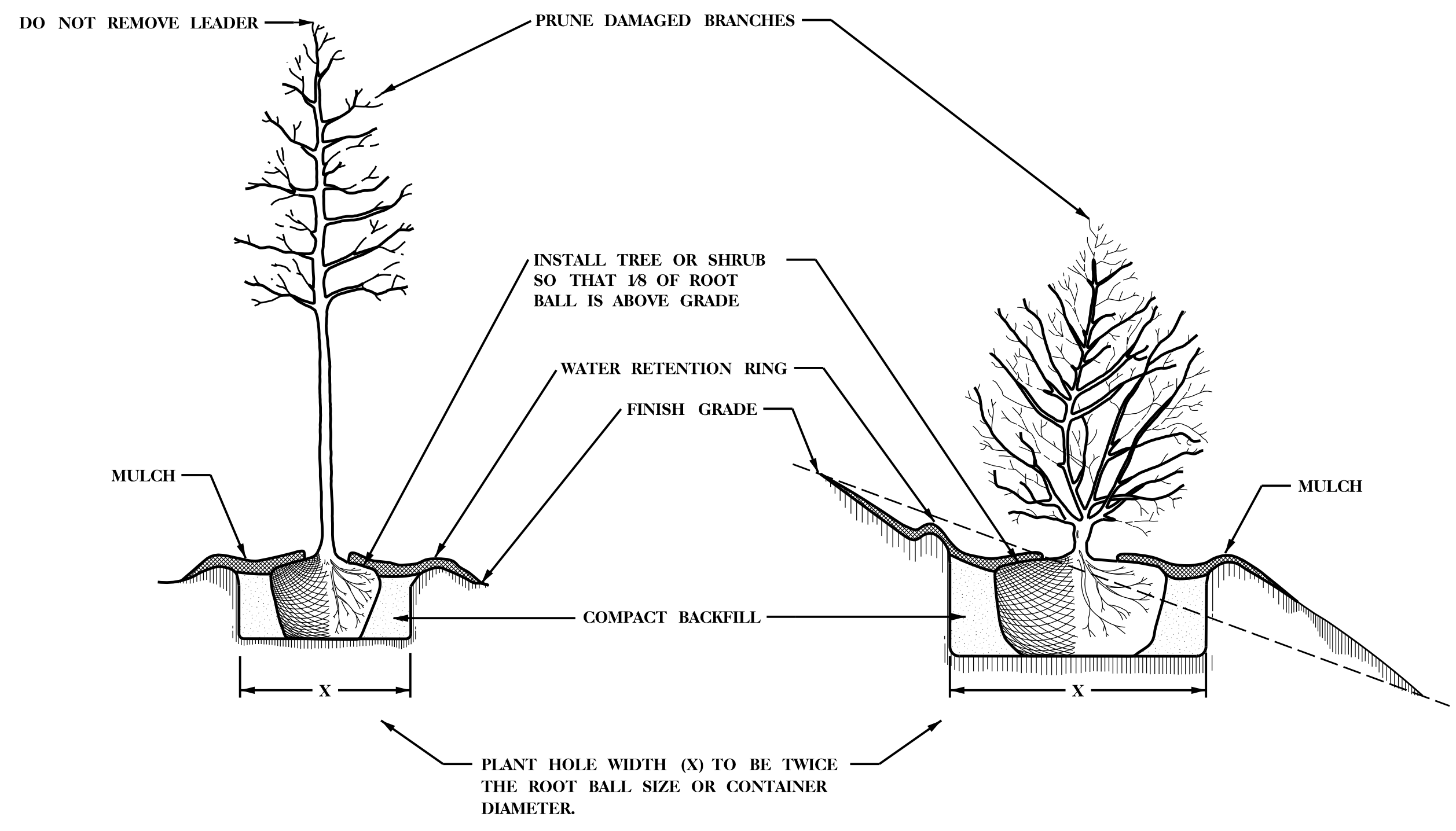
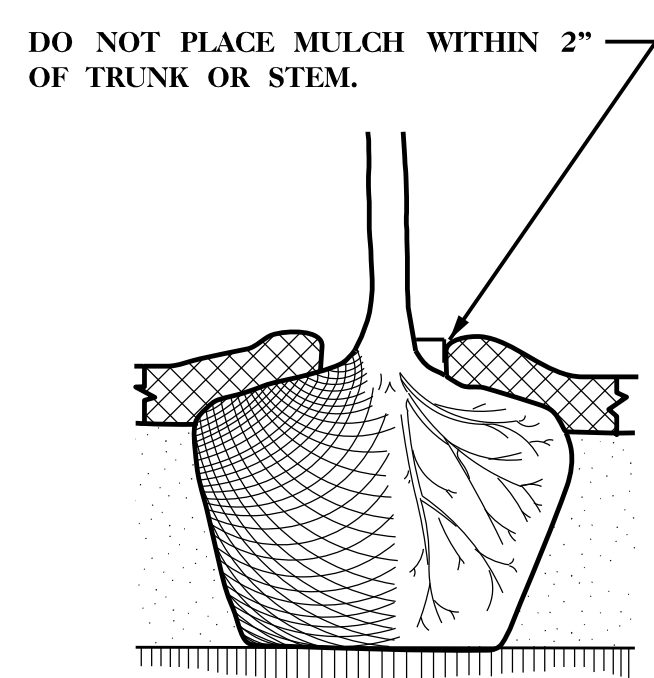
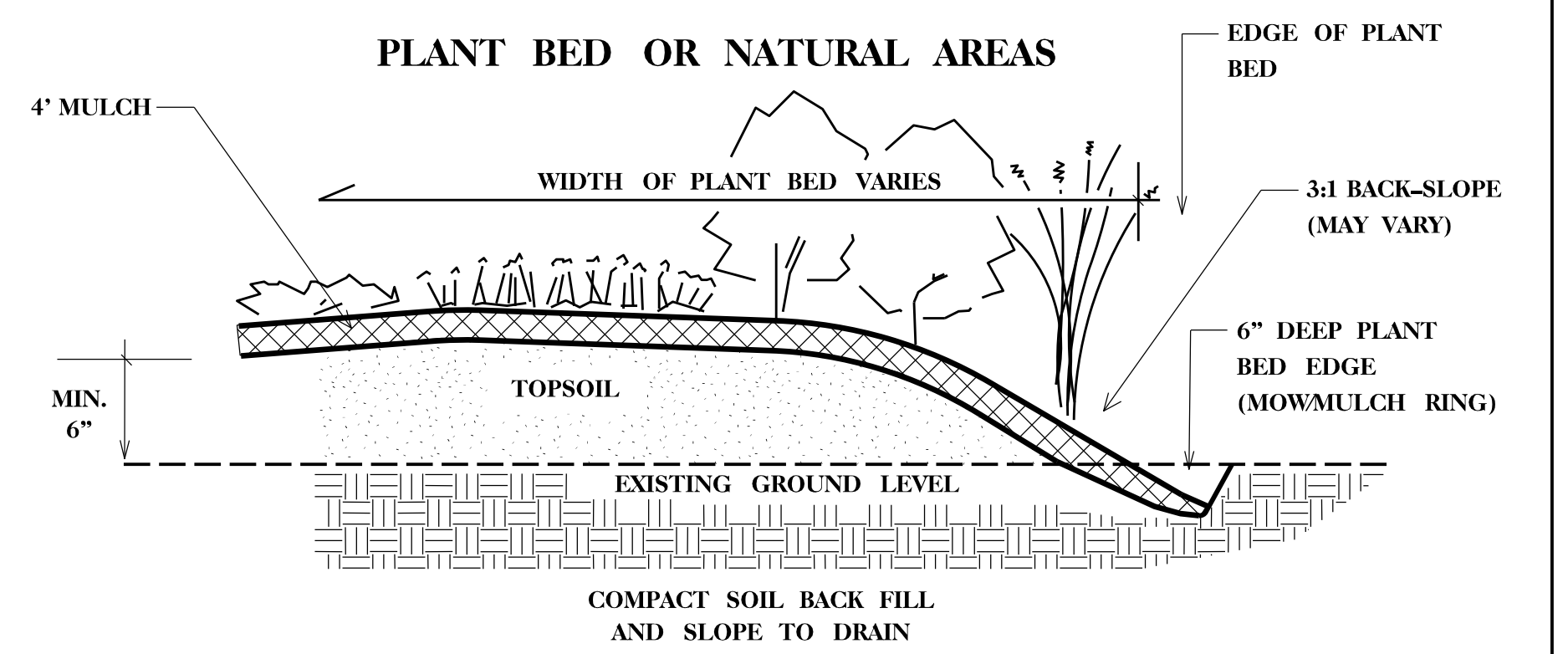
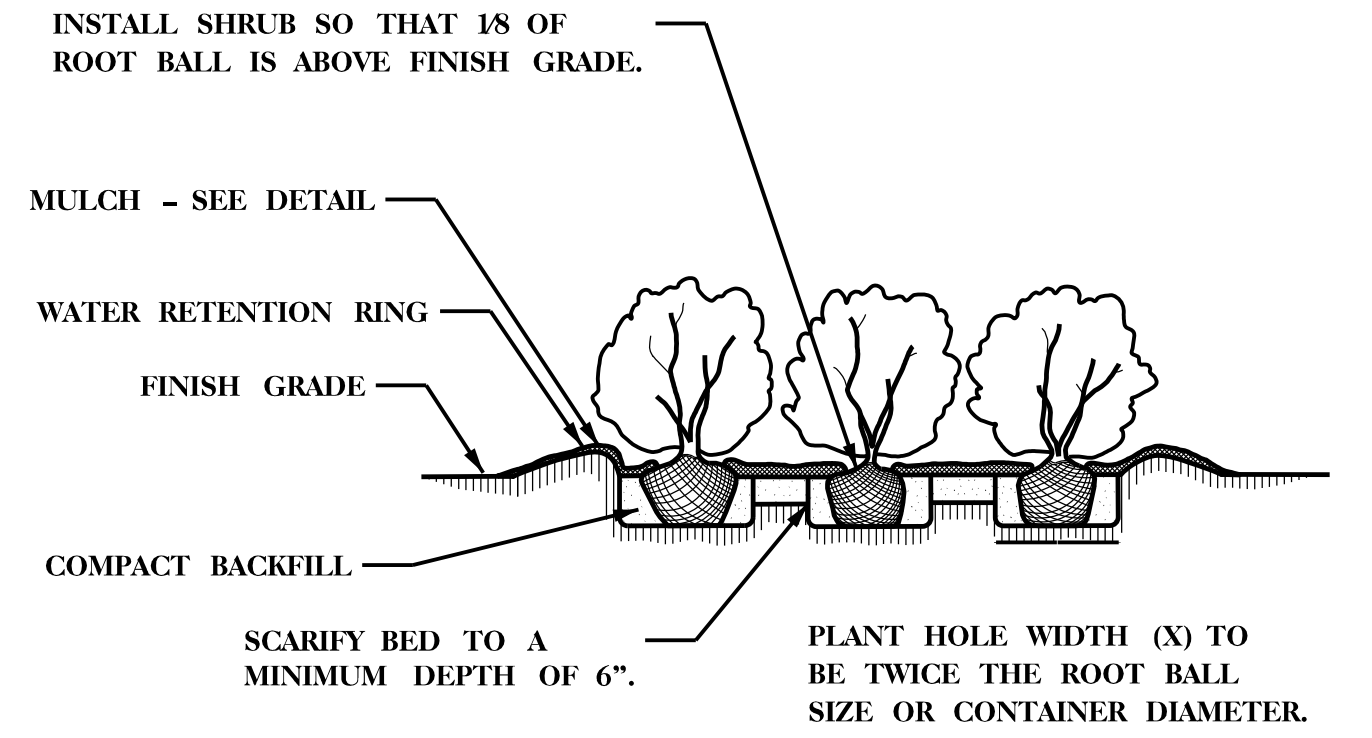
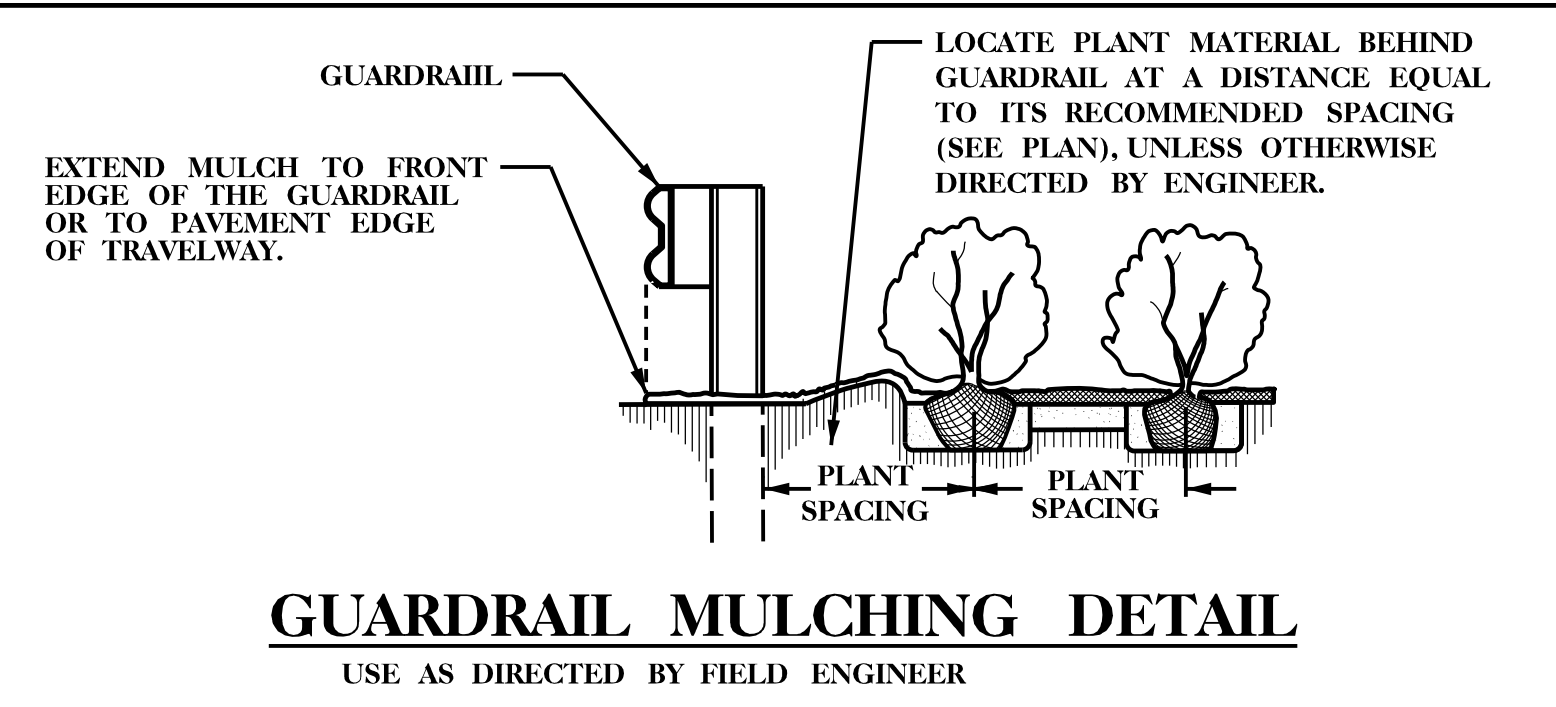
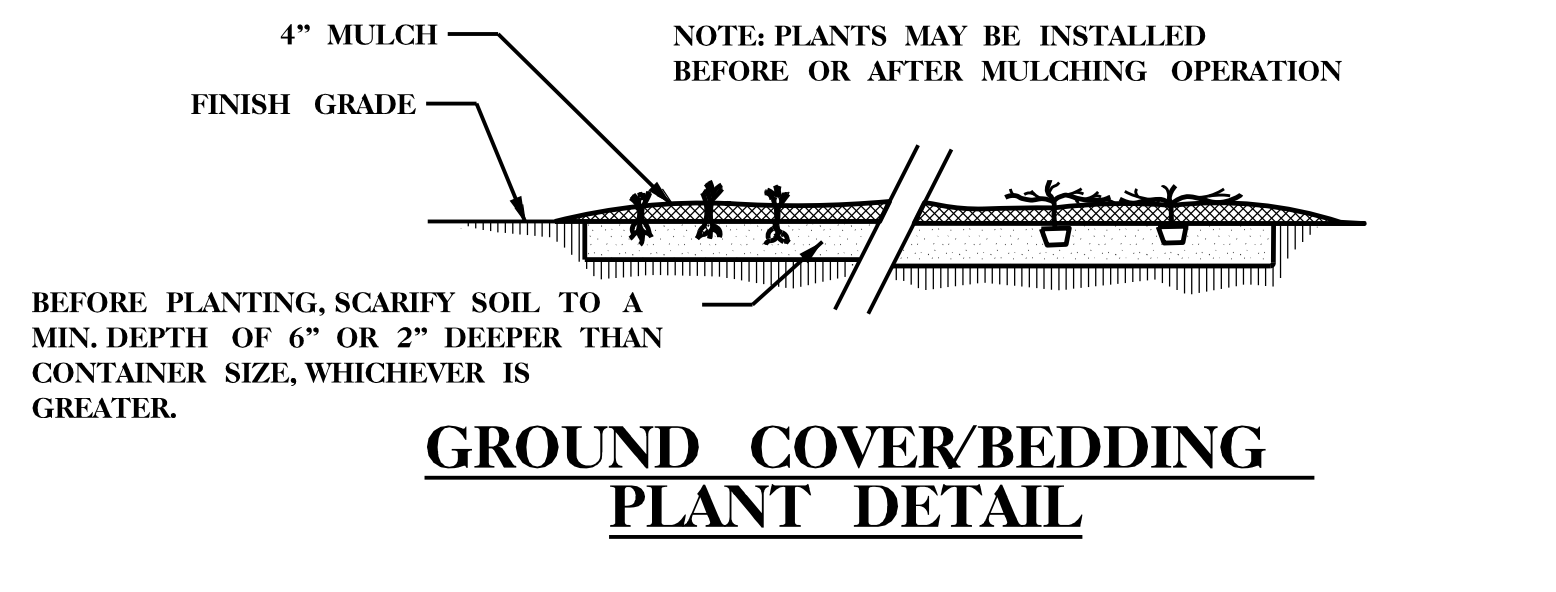
TYPE of WORK: T.I.P.

COUNTY: Mecklenburg County

2014 American Standard for Nursery Stock
2012 NCDOT STANDARD SPECIFICATIONS
PREPARED IN THE OFFICE OF:
NCDOT- ROADSIDE ENVIRONMENTAL UNIT
LANDSCAPE DESIGN & DEVELOPMENT SECTION
1557 MAIL SERVICE CENTER
RALEIGH NC 27699 919-707-2920

\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$SYDGN\$\$\$\$\$
\$\$\$\$\$SYUSERNAM\$\$\$\$\$

- NOTES:**
- SCHEDULE FOR PLANT HOLE SIZE: PLANT HOLE WIDTH (X) 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 PELLET 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.



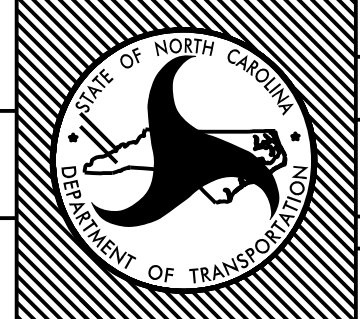
NCDOT - ROADSIDE ENVIRONMENTAL UNIT
LANDSCAPE DESIGN & DEVELOPMENT
1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557
PH: 919-707-2935 FAX: 919-715-2554
HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/

I-85 & MALLARD CREEK CHURCH RD
MECKLENBURG COUNTY
TIP #: R-2123CE

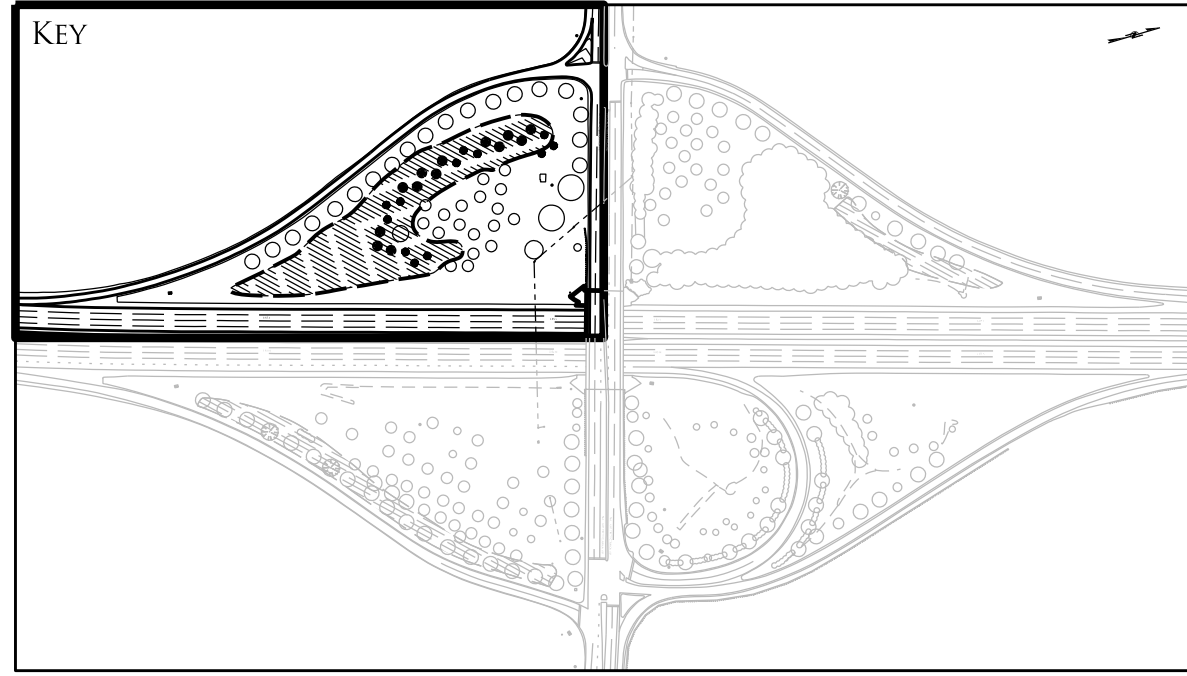
REV. DESIGNER
Kyle Cooney

SHEET DESCRIPTION:
PREL. DESIGN DATE: MARCH 2016
CHECKED BY & DATE:
FINAL DESIGN DATE: JUNE 10, 2016

PLANTING DETAILS

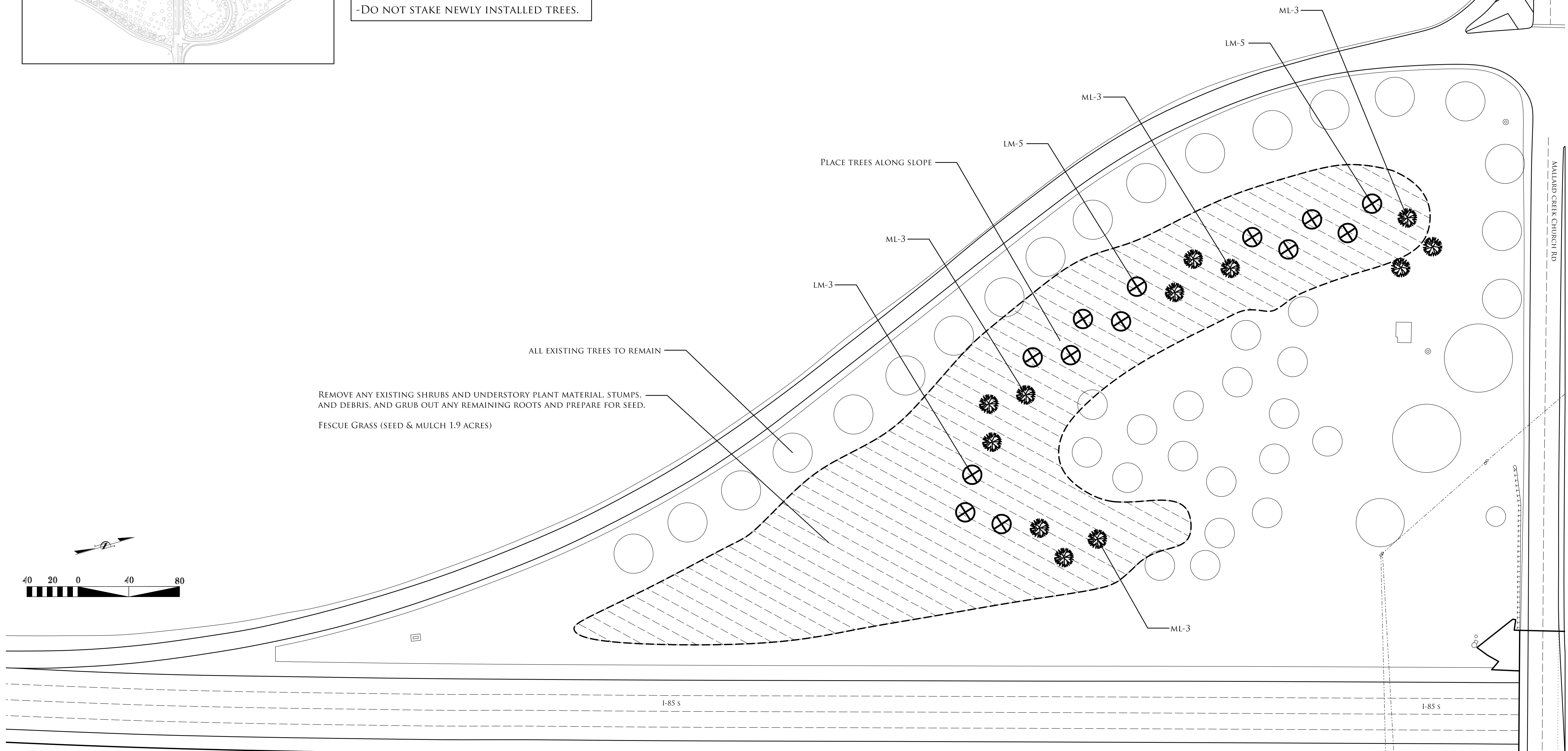


T.I.P. # R-2123CE
WBS #
FED I.D. #
SHEET NO.: L-2 TOTAL SHEET NO.: 6



QTY	KEY	BOTANICAL NAME	COMMON NAME
13	LM	<i>LAGERSTROEMIA INDICA X FAURIEI</i> 'MUSKOGEE'	MUSKOGEE CRAPE MYRTLE
12	ML	<i>MAGNOLIA GRANDIFLORA</i> 'LITTLE GEM'	LITTLE GEM MAGNOLIA
1.9 ACRES		SEEDING & MULCHING (FESCUE GRASS SEED MIX)	

NOTE:
-DO NOT STAKE NEWLY INSTALLED TREES.



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I-85 & MALLARD CREEK CHURCH RD
 MECKLENBURG COUNTY
 TIP #: R-2123CE

PREP. DESIGNER
Kyle Cooney

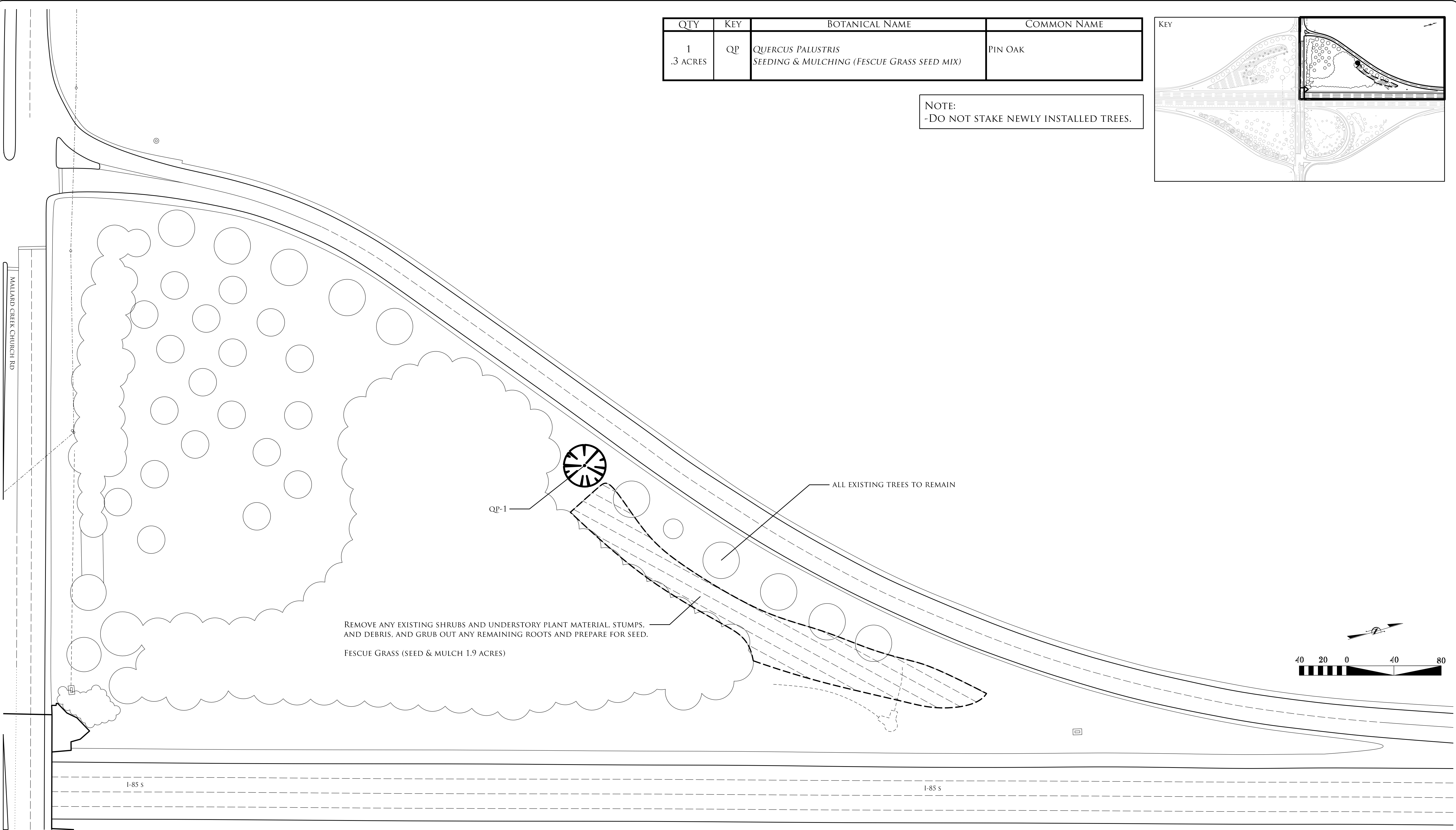
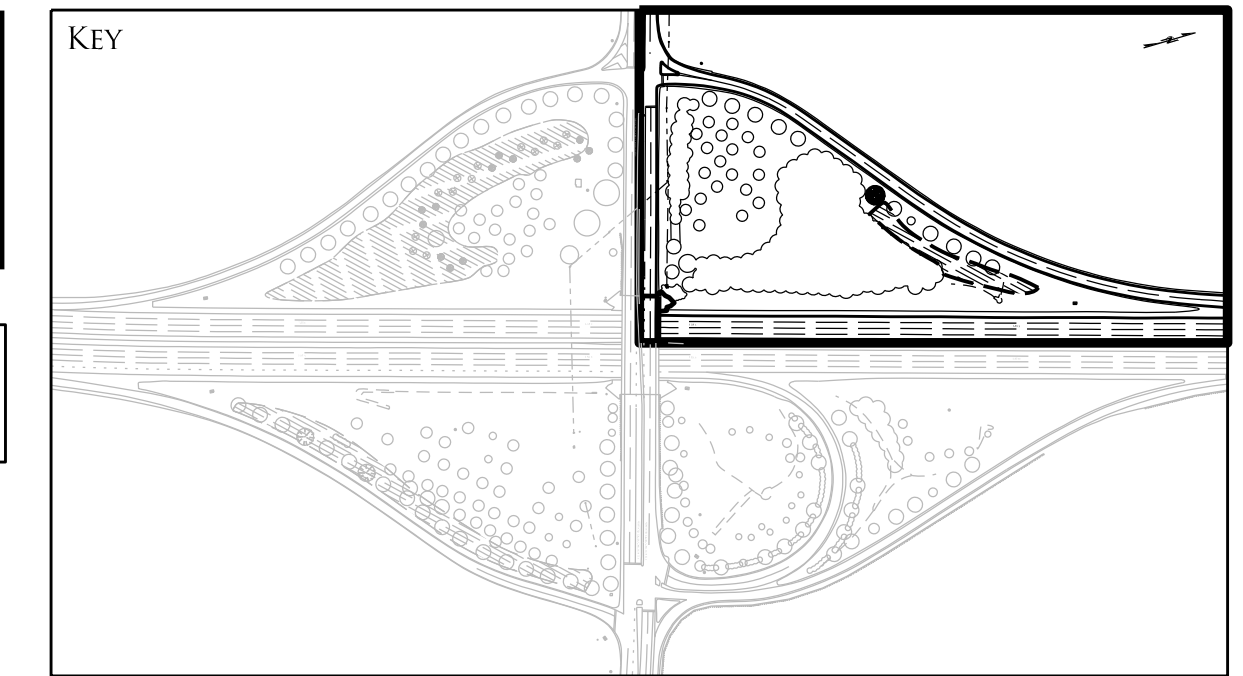
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 CHECKED BY & DATE:
 FINAL DESIGN DATE: JUNE 10, 2016

PLANTING PLAN
 LANDSCAPE PLAN SHEET

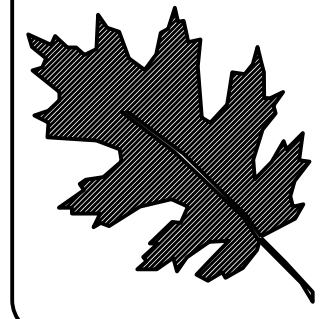
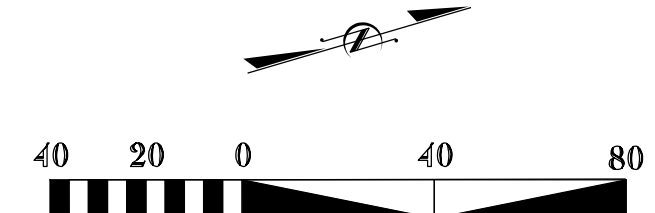
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 WBS #
 FED I.D. #
 SHEET NO.: **L-3** TOTAL SHEET NO.: **6**

QTY	KEY	BOTANICAL NAME	COMMON NAME
1 .3 ACRES	QP	QUERCUS PALUSTRIS SEEDING & MULCHING (FESCUE GRASS SEED MIX)	PIN OAK

NOTE:
-DO NOT STAKE NEWLY INSTALLED TREES.



REMOVE ANY EXISTING SHRUBS AND UNDERSTORY PLANT MATERIAL, STUMPS, AND DEBRIS, AND GRUB OUT ANY REMAINING ROOTS AND PREPARE FOR SEED.
FESCUE GRASS (SEED & MULCH 1.9 ACRES)



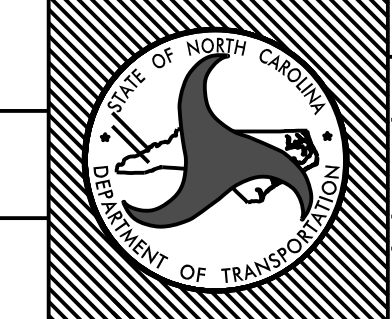
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I-85 & MALLARD CREEK CHURCH RD
MECKLENBURG COUNTY
TIP #: R-2123CE

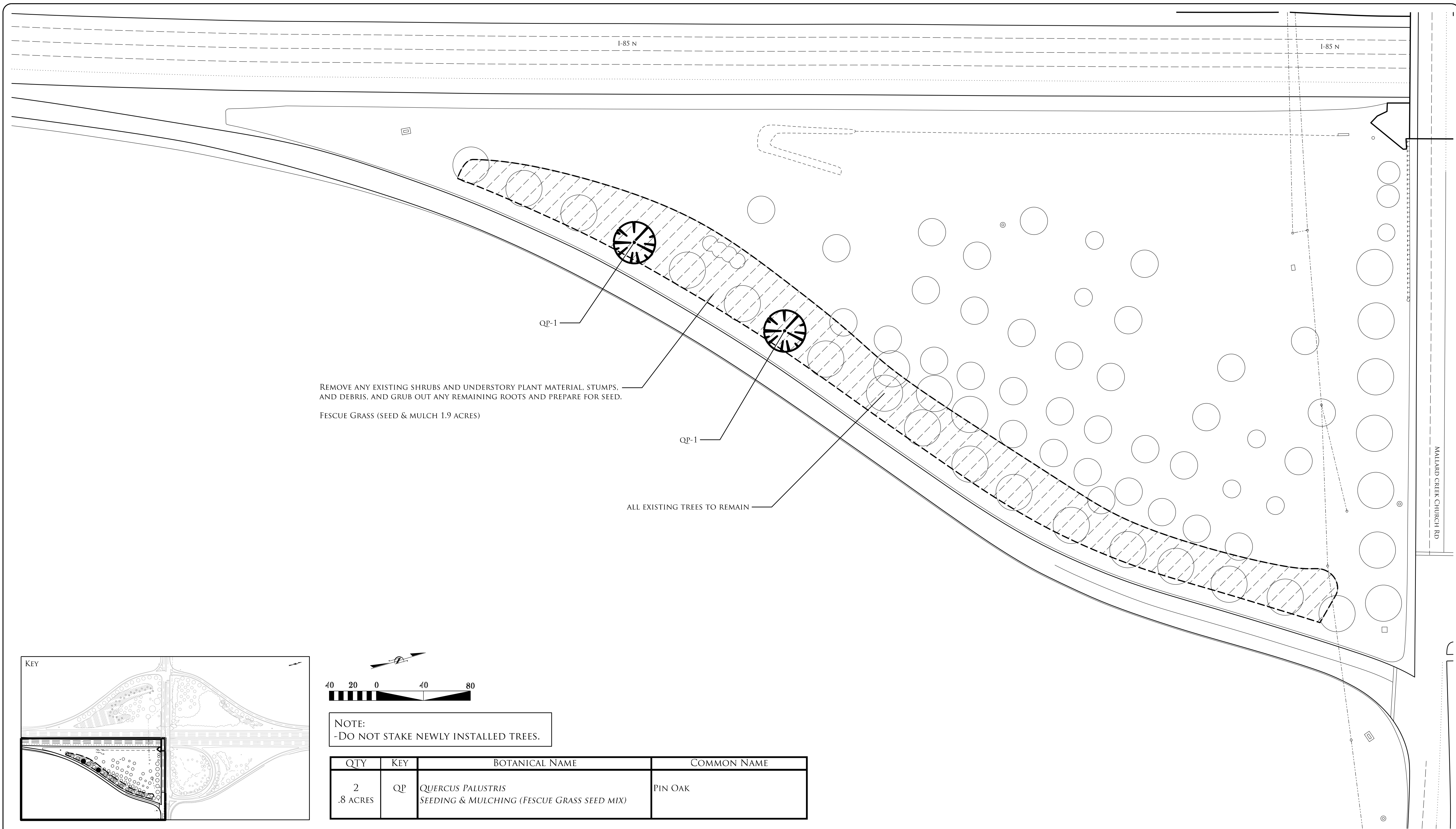
PREP. DESIGNER
Kyle Cooney

SHEET DESCRIPTION:
PREL. DESIGN DATE: MARCH 2016
CHECKED BY & DATE:
FINAL DESIGN DATE: JUNE 10, 2016

PLANTING PLAN
LANDSCAPE PLAN SHEET

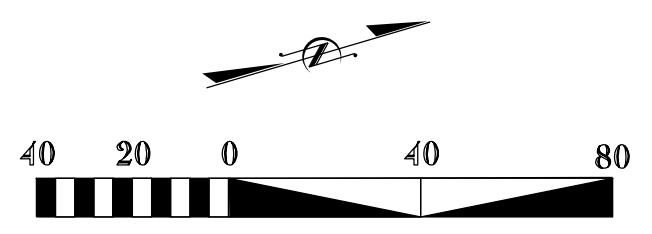
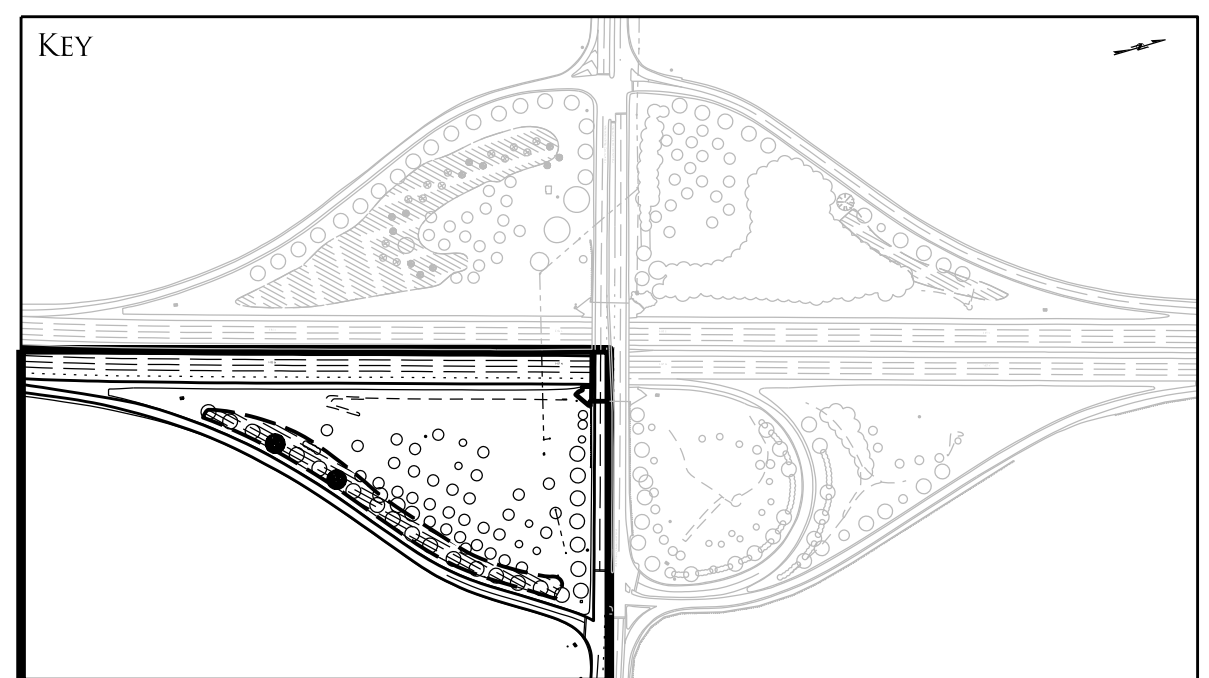


T.I.P. # R-2123CE
WBS #
FED I.D. #
SHEET NO.: **L-4** TOTAL SHEET NO.: **6**



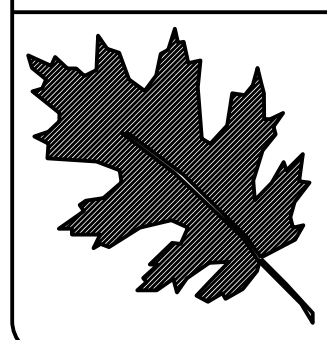
REMOVE ANY EXISTING SHRUBS AND UNDERSTORY PLANT MATERIAL, STUMPS, AND DEBRIS, AND GRUB OUT ANY REMAINING ROOTS AND PREPARE FOR SEED.
 FESCUE GRASS (SEED & MULCH 1.9 ACRES)

ALL EXISTING TREES TO REMAIN



NOTE:
 -DO NOT STAKE NEWLY INSTALLED TREES.

QTY	KEY	BOTANICAL NAME	COMMON NAME
2	QP	QUERCUS PALUSTRIS	PIN OAK
.8 ACRES		SEEDING & MULCHING (FESCUE GRASS SEED MIX)	



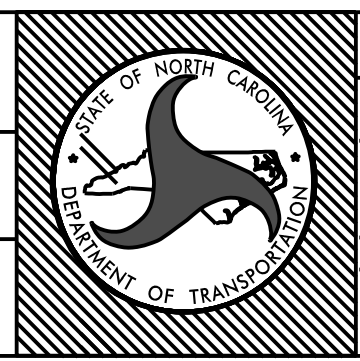
NCDOT - ROADSIDE ENVIRONMENTAL UNIT
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I-85 & MALLARD CREEK CHURCH RD
 MECKLENBURG COUNTY
 TIP #: R-2123CE

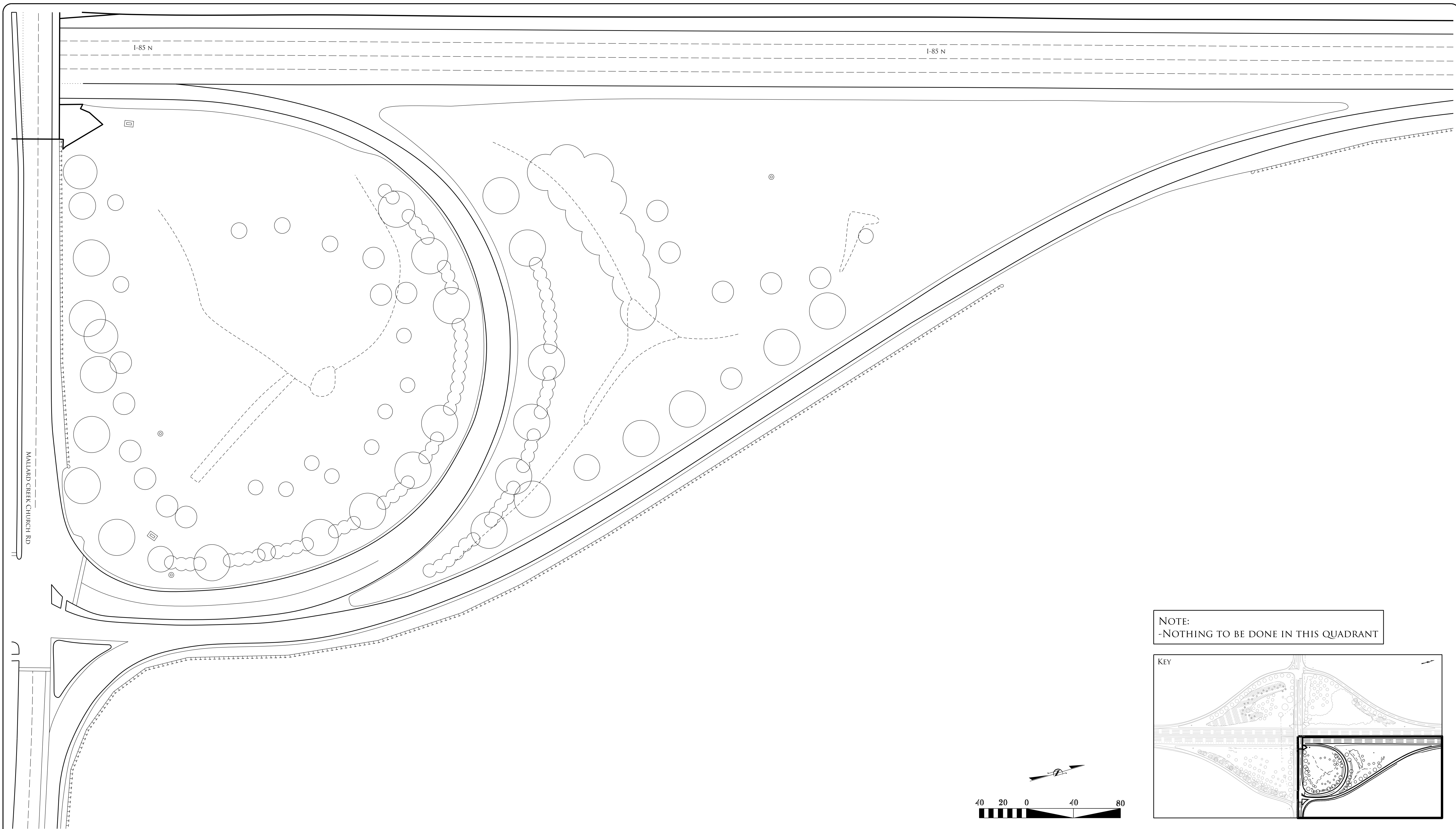
REG. DESIGNER
Kyle Cooney

SHEET DESCRIPTION:
 PREL. DESIGN DATE: MARCH 2016
 CHECKED BY & DATE:
 FINAL DESIGN DATE: JUNE 10, 2016

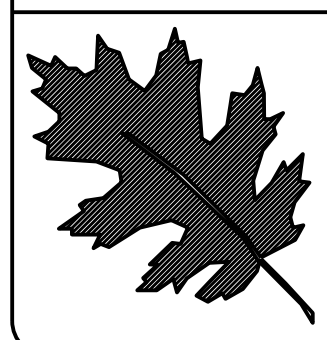
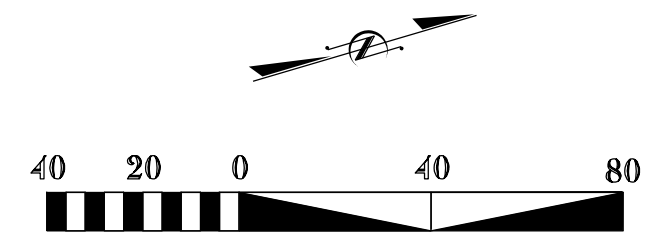
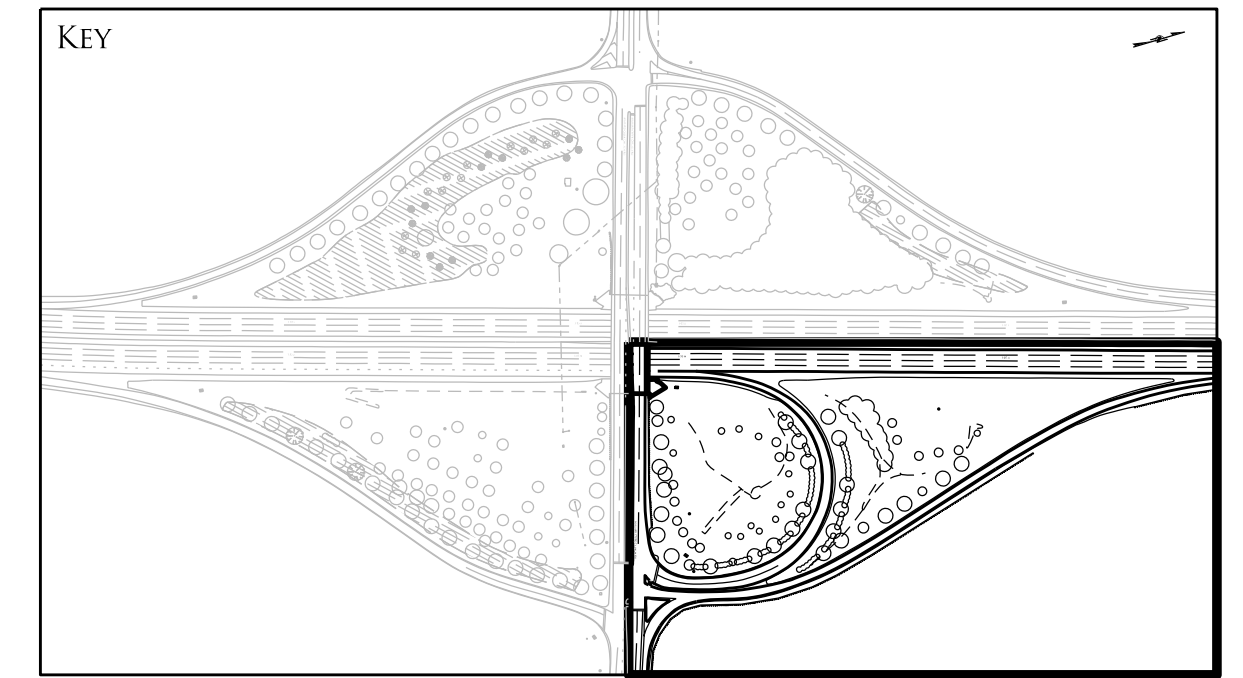
PLANTING PLAN
 LANDSCAPE PLAN SHEET



T.I.P. # R-2123CE
 WBS #
 FED I.D. #
 SHEET NO.: **L-5** TOTAL SHEET NO.: **6**



NOTE:
-NOTHING TO BE DONE IN THIS QUADRANT



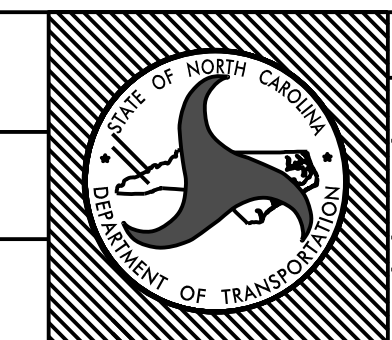
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I-85 & MALLARD CREEK CHURCH RD
MECKLENBURG COUNTY
TIP #: R-2123CE

PREP. DESIGNER
Kyle Cooney

SHEET DESCRIPTION:
PREL. DESIGN DATE: MARCH 2016
CHECKED BY & DATE:
FINAL DESIGN DATE: JUNE 10, 2016

LANDSCAPE PLAN SHEET



T.I.P. # R-2123CE
WBS #
FED I.D. #
SHEET NO.: **L-6** TOTAL SHEET NO.: **6**