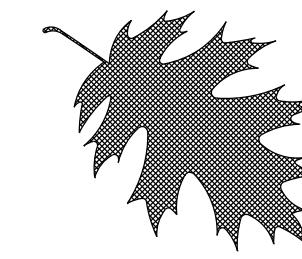
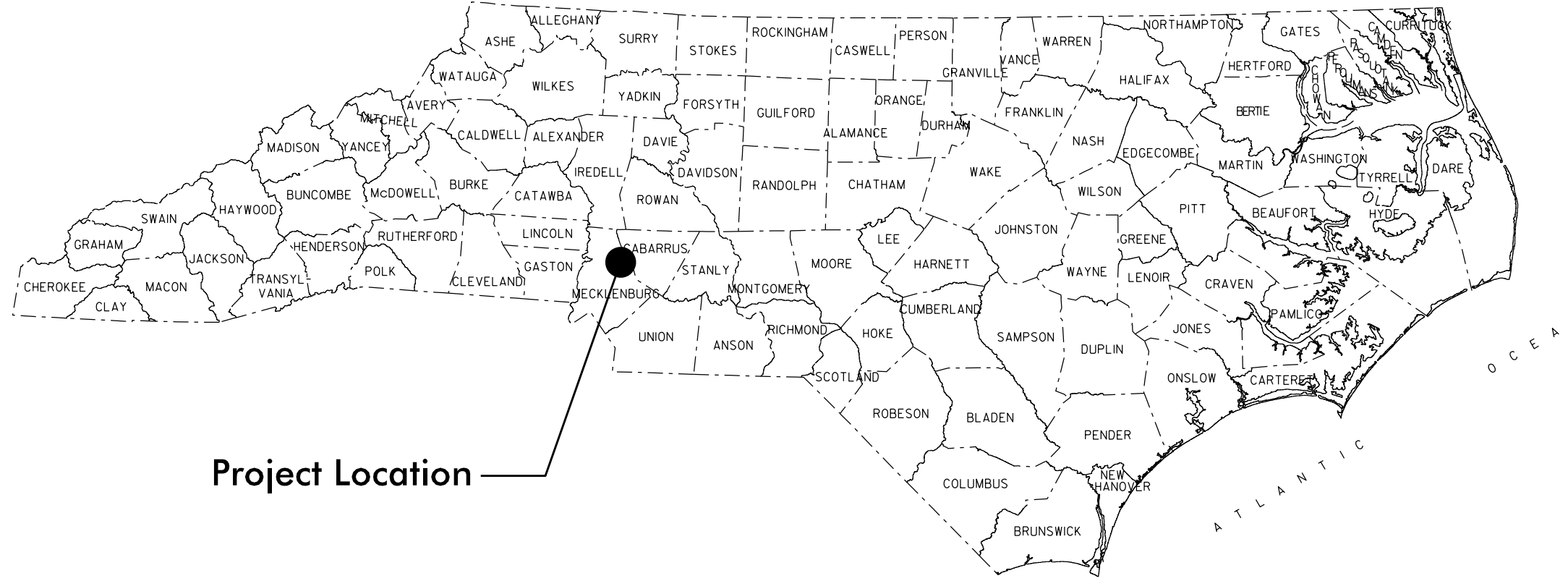
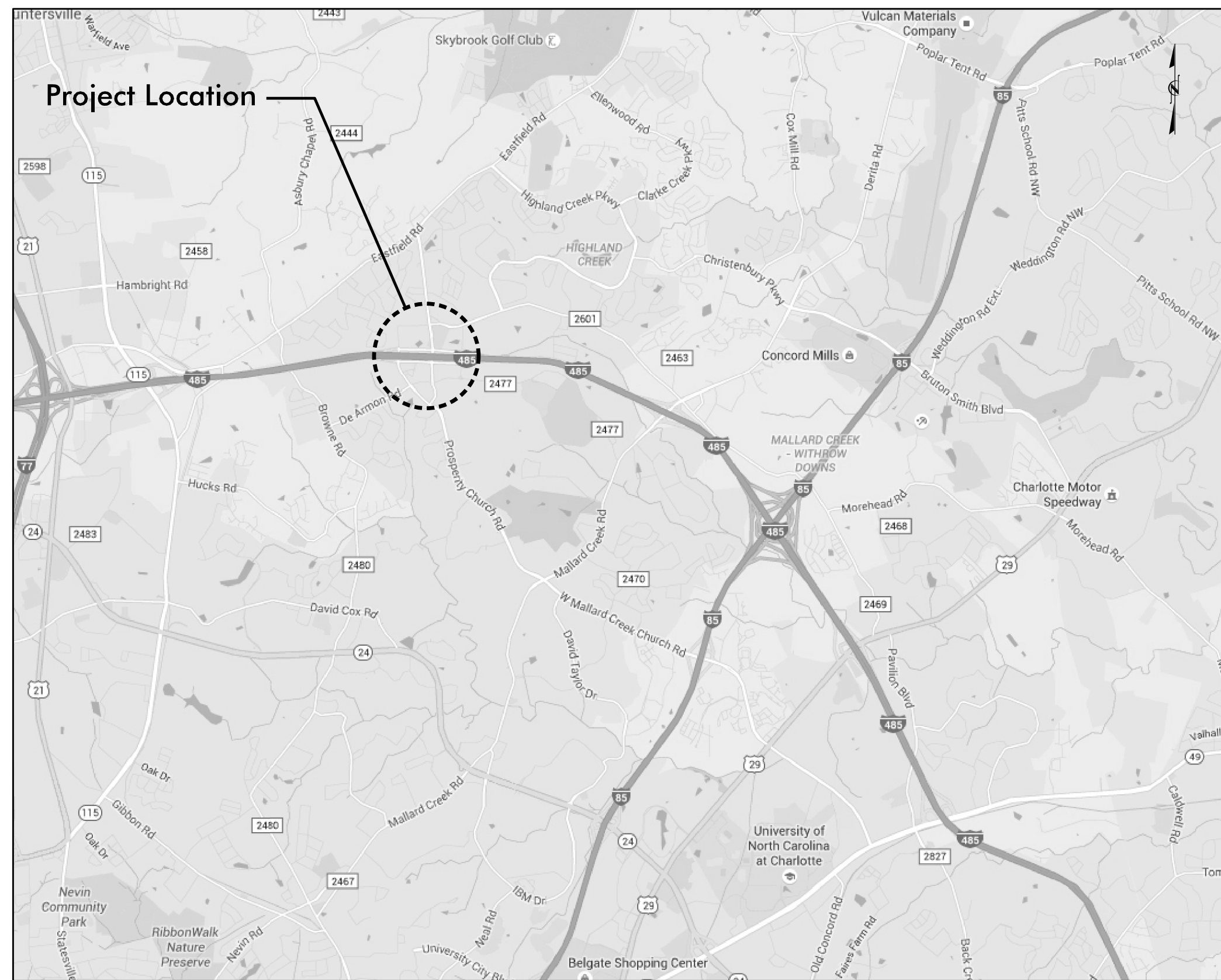


HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
R-2248E	- - - - -	L1	5
FED. PROJ. #	DESCRIPTION		DIVISION
-	TIP		10



Project Location

R-2248E I-485 & Prosperity Ridge Rd

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	39	ea	AB	<i>Acer buergeranum</i>	Trident Maple		2 1/2"	B&B	2.1	40' O.C.
L	1670	46	ea	CV	<i>Chionanthus virginicus</i>	American Fringe Tree	6-7'		#15	2.3	As shown
L	1670	34	ea	KP	<i>Koelreuteria paniculata</i>	Golden Rain Tree		1 3/4"	#25	2.2	40' O.C.
L	1670	52	ea	MG	<i>Magnolia grandiflora</i> 'Claudia Wannamaker'	Claudia Wannamaker Southern Magnolia	9-10'		B&B	2.2	60' O.C.
L	1670	40	ea	ML	<i>Magnolia grandiflora</i> 'Little Gem'	Little Gem Magnolia	7-8'		B&B	2.2	As shown
L	1670	36	ea	MP	<i>Malus 'Prairiefire'</i>	Prairiefire Crabapple		1 1/2"	#25	2.4	As shown
L	1670	71	ea	PK	<i>Prunus cerasifera</i> 'Krauter Vesuvius'	Krauter Vesuvius Purple Leaf Plum		1 3/4"	#25	2.3	As shown
L	1670	23	ea	PO	<i>Prunus x 'Okame'</i>	Okame Cherry		1 3/4"	B&B	2.3	30' O.C.
L	1670	12	ea	PY	<i>Prunus x yedoensis</i> 'Akebono'	Akebono Yoshino Cherry		1 3/4"	B&B	2.3	30' O.C.
Other											
L	1670	453	cuyd		Mulch						Depth of 4"
L	1670	25	m/g		Water for Planting						
L	1670	3446	sqyd		Pre emergence Herbicidal Treatment						
L	1670	3446	sqyd		Post emergence Herbicidal Treatment						

CONVENTIONAL SYMBOLS

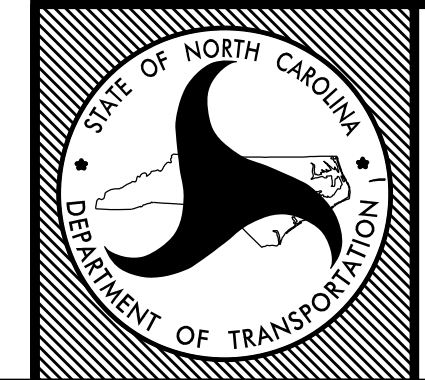
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- City or Town Line.....
- Exist. Right of Way Line Marker.....
- Prop. Right of Way Line Marker (By Others).....
- Prop Right of Way Line Marker (By Contract).....
- Exist. Control of Access Line.....
- Prop. Control of Access Line.....
- Property 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.....

INDEX OF L SHEETS:

- L 1.0 - Title Sheet
- L 2.0 - Planting Details
- L 3.0 - Planting Plan
- L 4.0 - Planting Plan
- L 5.0 - Planting Plan

PREPARED BY: KC DATE: 06/2016
REVISIONS

DATE	DESCRIPTION



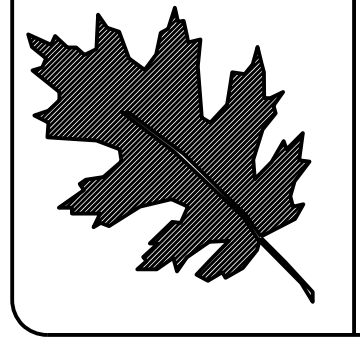
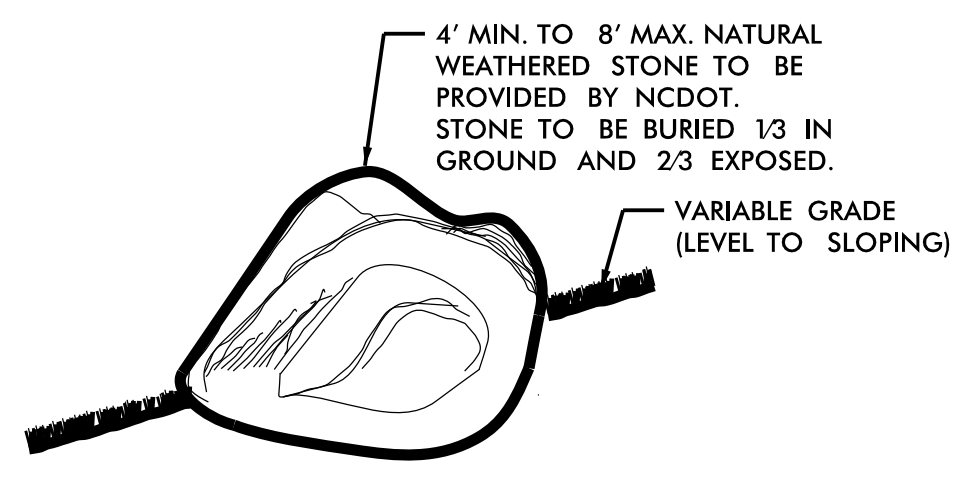
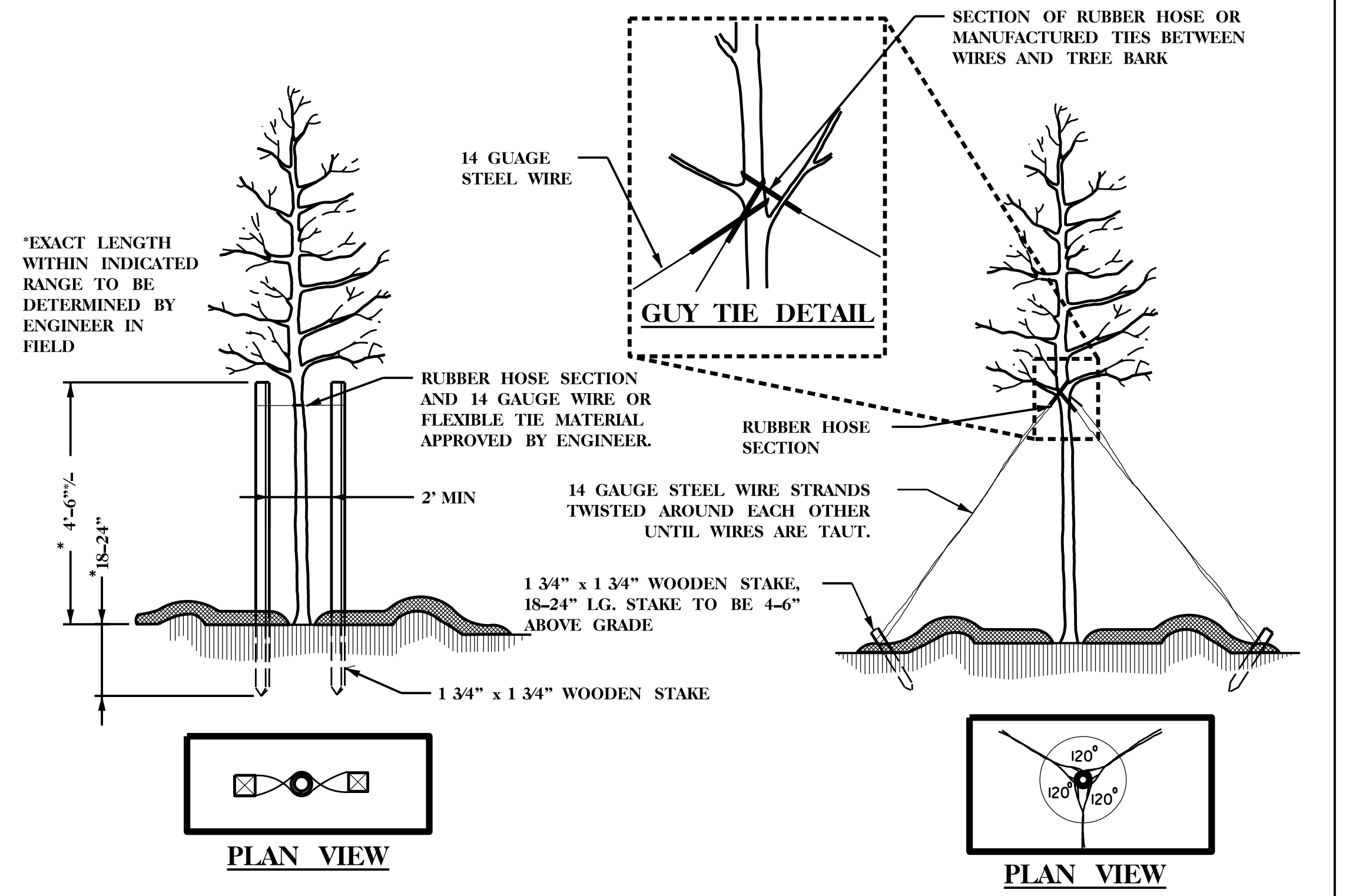
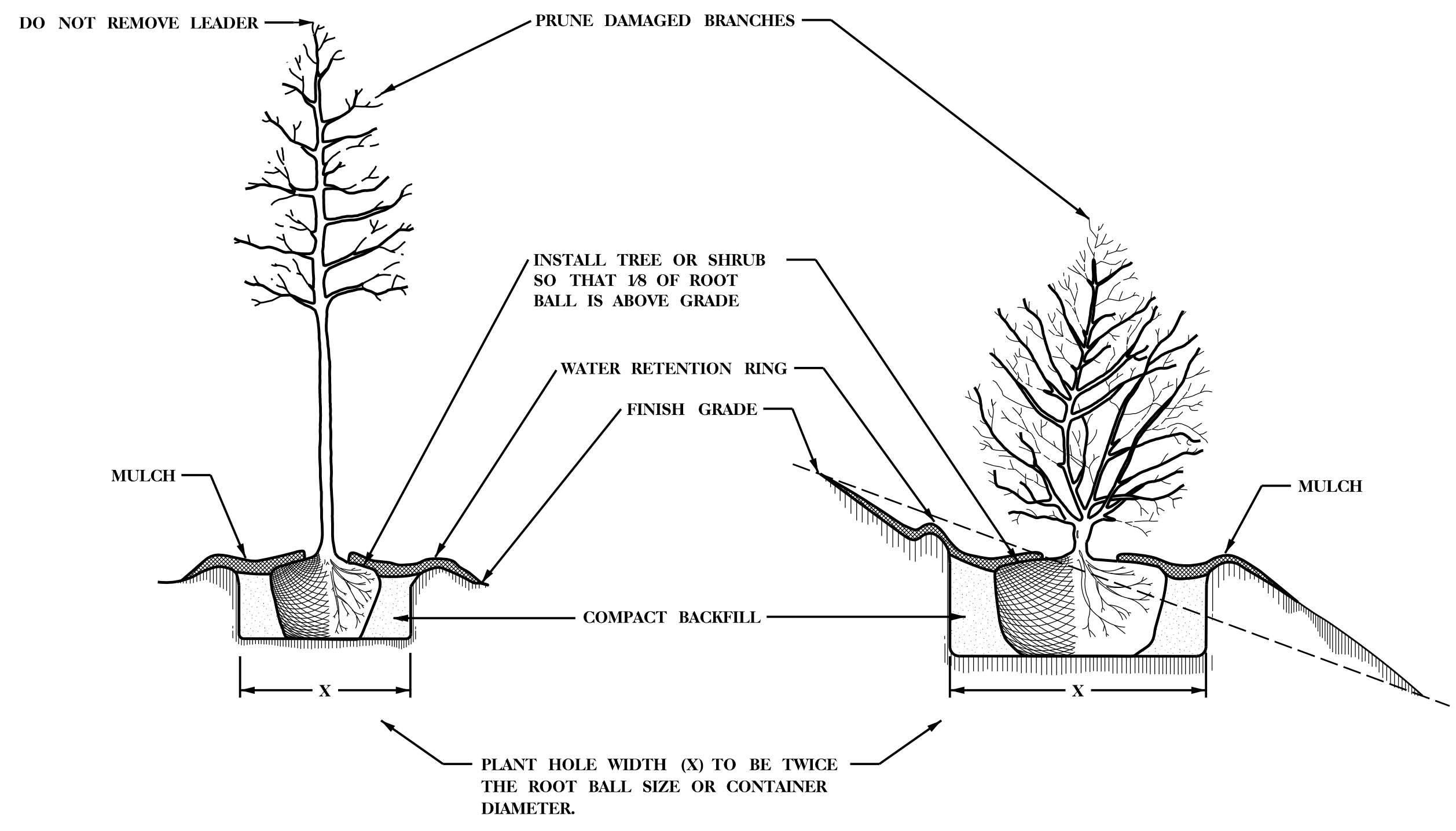
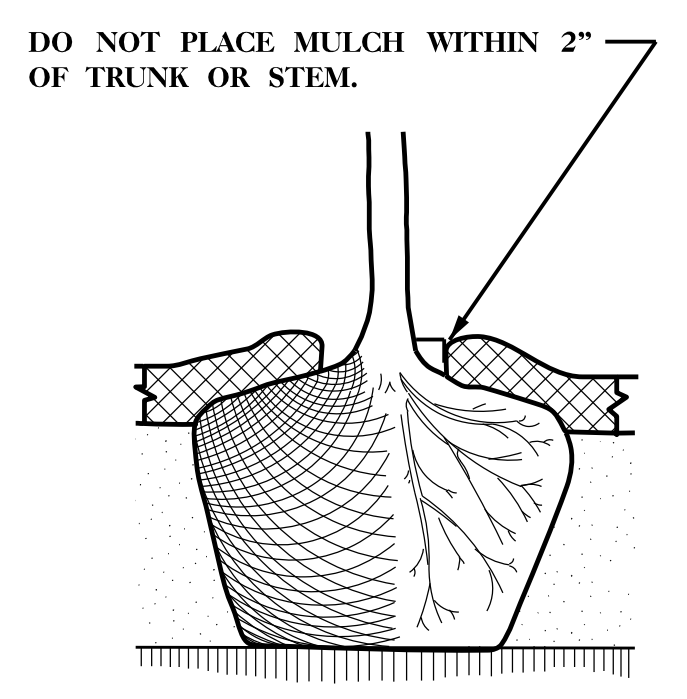
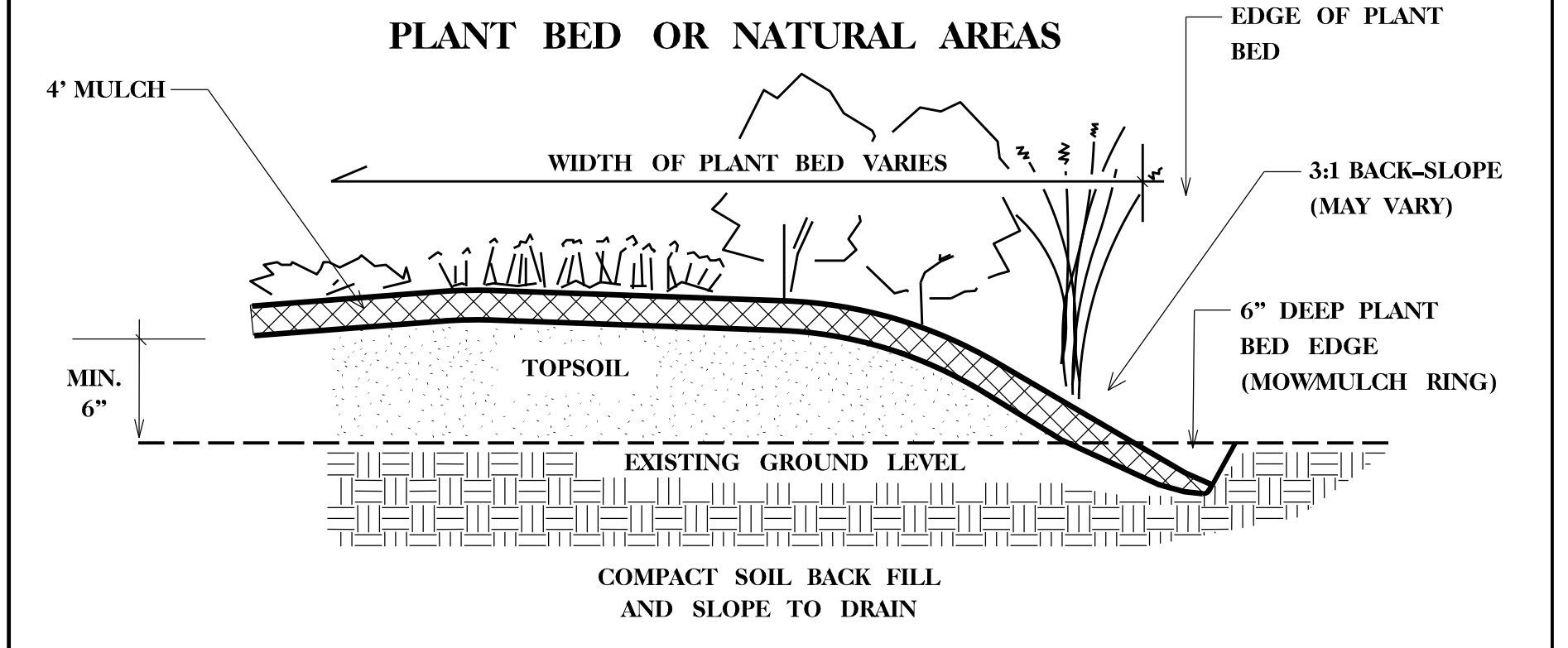
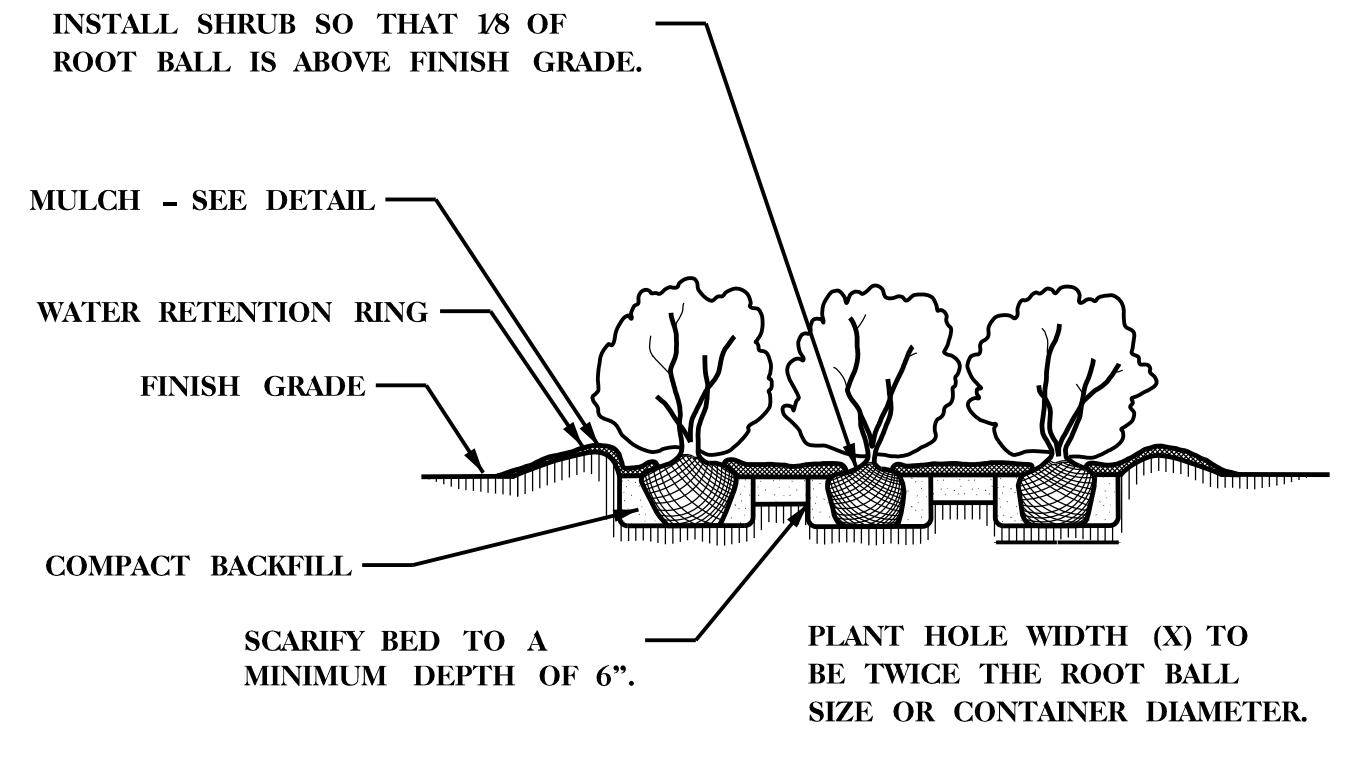
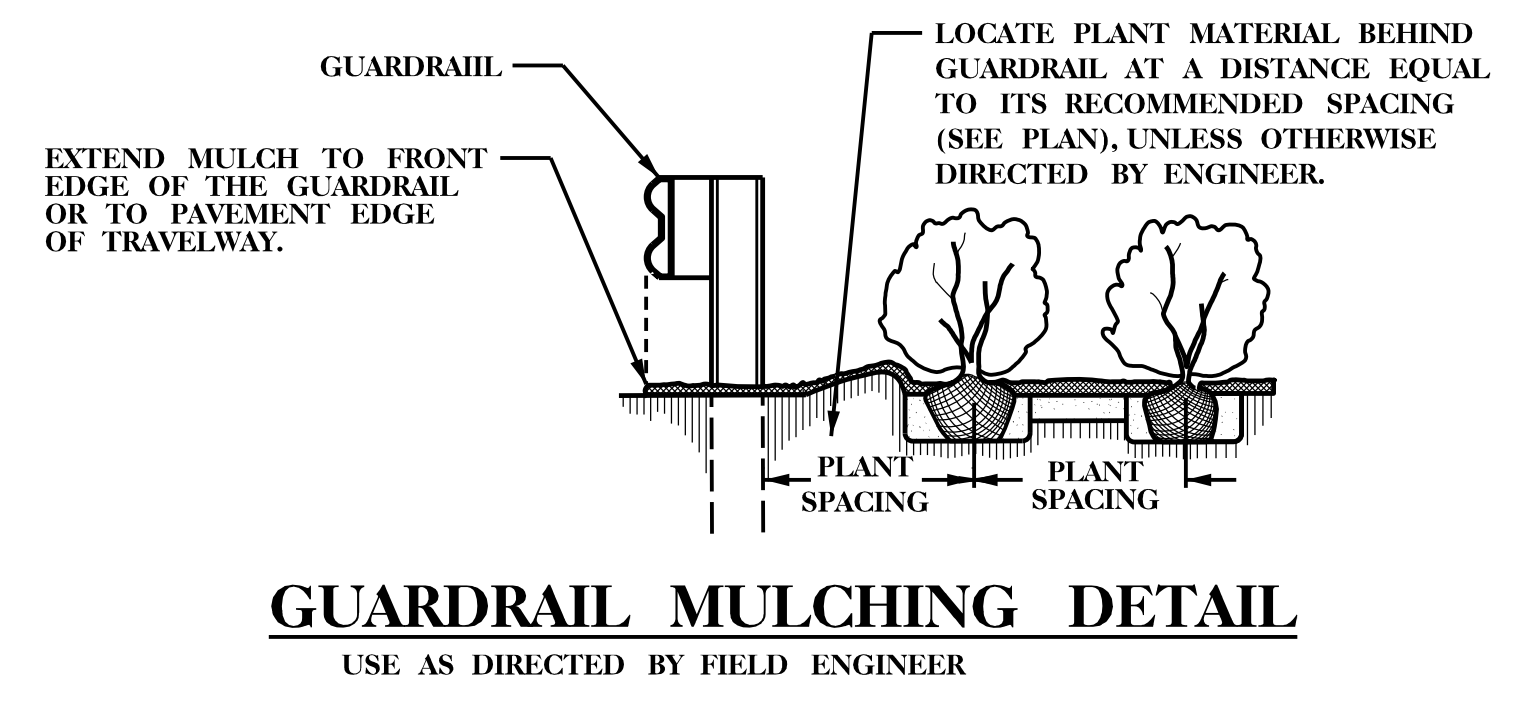
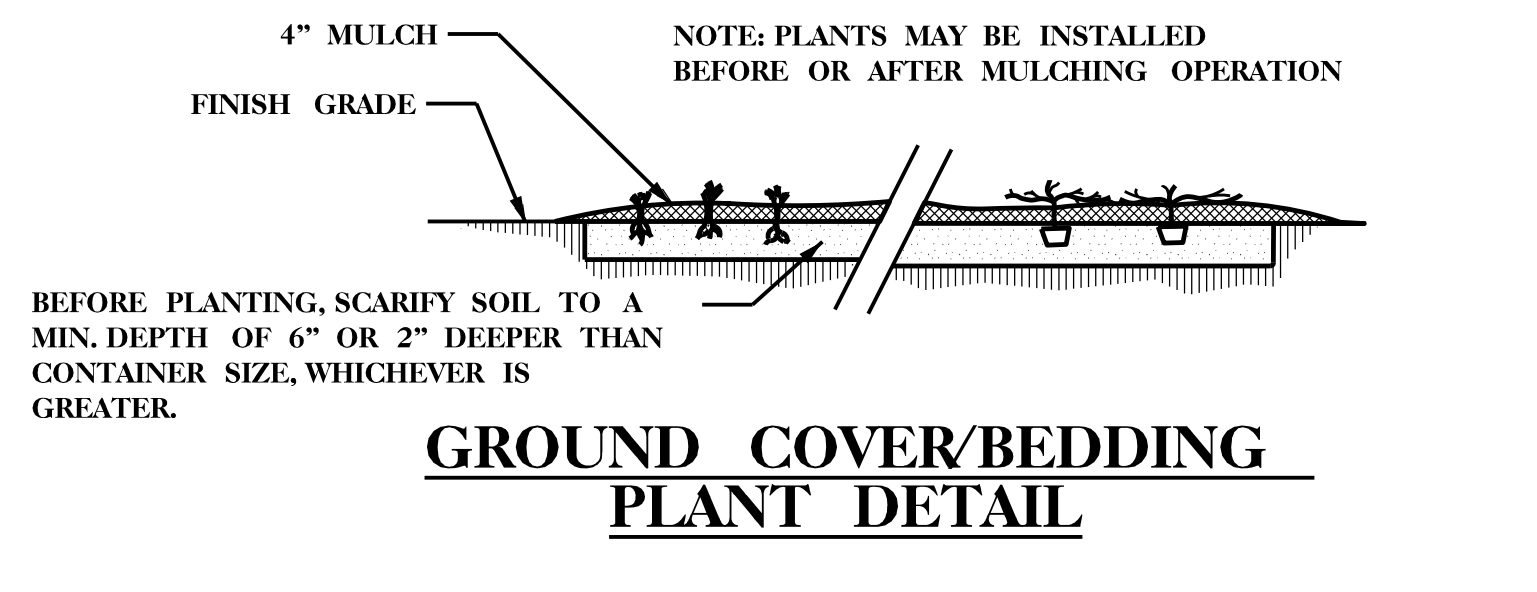
STATE OF
NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

LOCATION: I-485 & Prosperity Ridge 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\$\$\$\$\$
\$\$\$\$\$DGN\$\$\$\$\$
\$\$\$\$\$SERNAME\$\$\$\$\$

- 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.



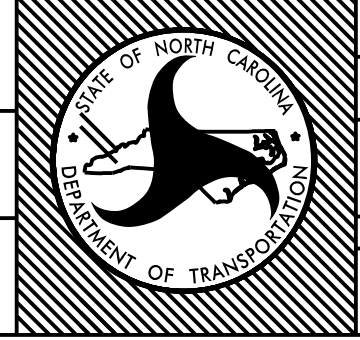
NCDOT - ROADSIDE ENVIRONMENTAL UNIT
LANDSCAPE DESIGN & DEVELOPMENT
1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557
PH: 919-707-2935 FAX: 919-715-2554
HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/

I-485 & PROSPERITY RIDGE RD
MECKLENBURG COUNTY
TIP #: R-2248E

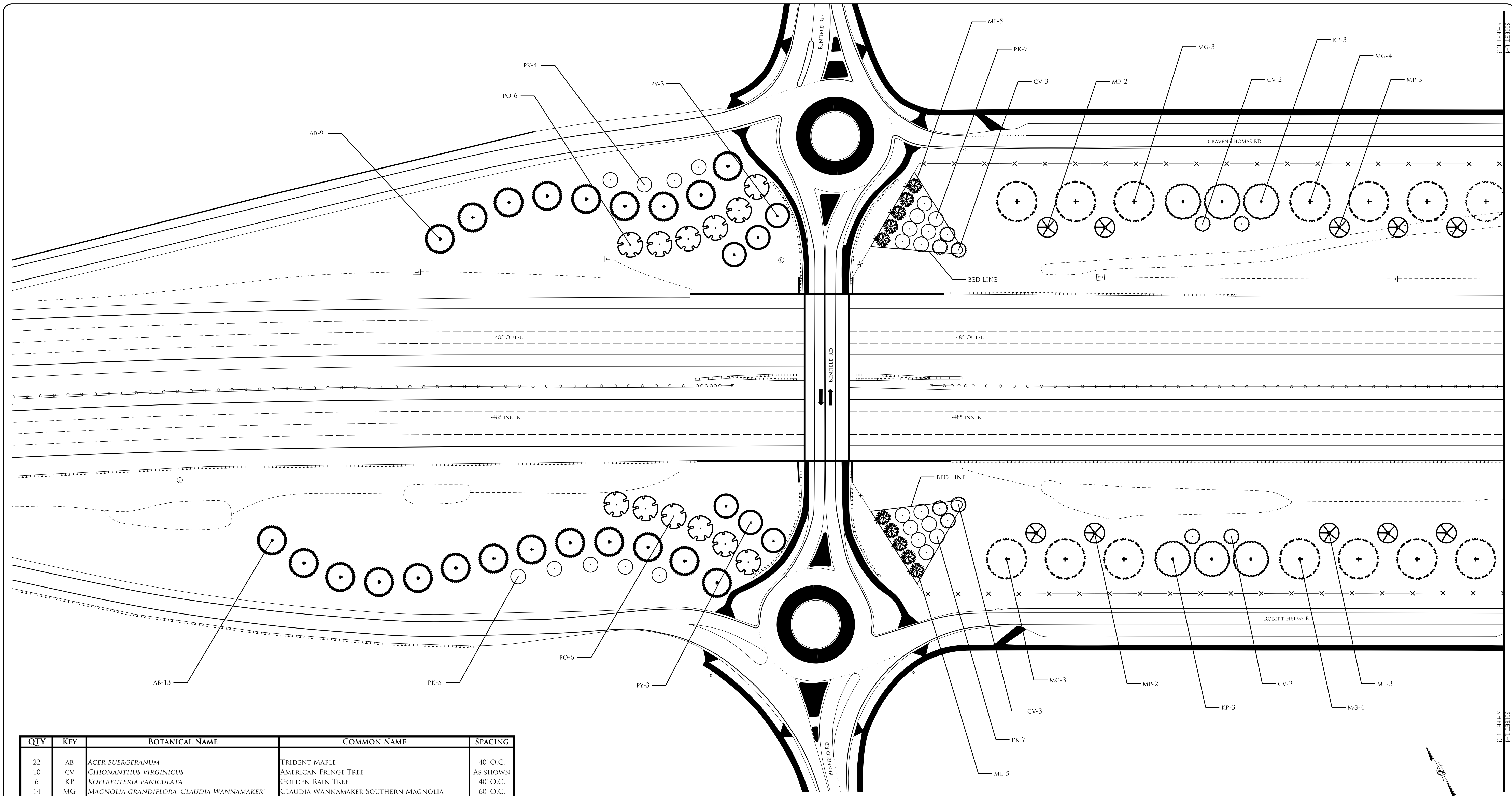
REG. DESIGNER
Kyle Cooney

SHEET DESCRIPTION:
PREL. DESIGN DATE: MARCH 2016
CHECKED BY & DATE:
FINAL DESIGN DATE: JUNE 13, 2016

PLANTING DETAILS



T.I.P. # R-2248E
WBS #
FED I.D. #
SHEET NO.: L-2 TOTAL SHEET NO.: 5



QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
22	AB	ACER BUERGERANUM	TRIDENT MAPLE	40' O.C.
10	CV	CHIONANTHUS VIRGINICUS	AMERICAN FRINGE TREE	AS SHOWN
6	KP	KOELREUTERIA PANICULATA	GOLDEN RAIN TREE	40' O.C.
14	MG	MAGNOLIA GRANDIFLORA 'CLAUDIA WANNAMAKER'	CLAUDIA WANNAMAKER SOUTHERN MAGNOLIA	60' O.C.
10	ML	MAGNOLIA GRANDIFLORA 'LITTLE GEM'	LITTLE GEM MAGNOLIA	AS SHOWN
10	MP	MALUS 'PRAIRIFIRE'	PRAIRIEFIRE CRABAPPLE	AS SHOWN
23	PK	PRUNUS CERASIFERA 'KRAUTER VESUVIUS'	KRAUTER VESUVIUS PURPLE LEAF PLUM	AS SHOWN
12	PO	PRUNUS X 'OKAME'	OKAME CHERRY	30' O.C.
6	PY	PRUNUS X YEDOENSIS 'AKEBONO'	AKEBONO YOSHINO CHERRY	30' O.C.

NOTE:
-DO NOT STAKE NEWLY INSTALLED TREES.



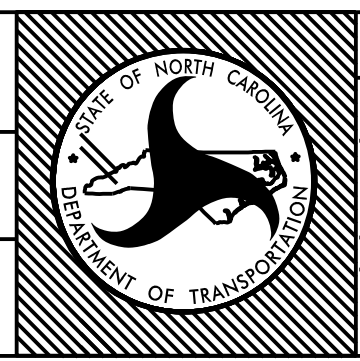
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MECKLENBURG COUNTY
TIP #: R-2248E

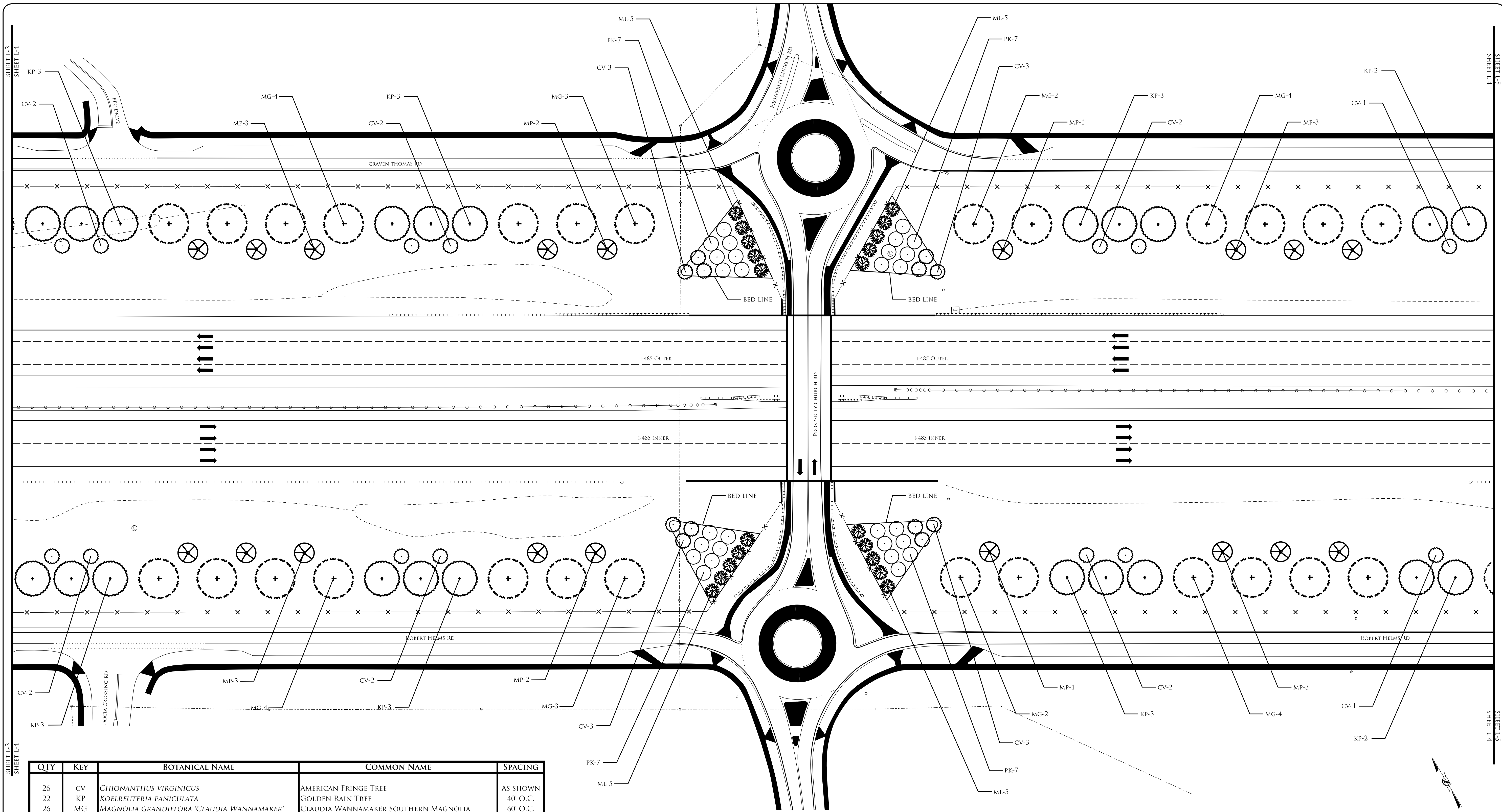
PREP. DESIGNER
Kyle Cooney

SHEET DESCRIPTION:
PREL. DESIGN DATE: MARCH 2016
CHECKED BY & DATE:
FINAL DESIGN DATE: JUNE 13, 2016

PLANTING PLAN
LANDSCAPE PLAN SHEET

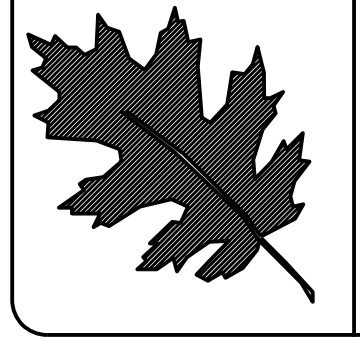


T.I.P. # R-2248E
WBS #
FED I.D. #
SHEET NO.: L-3 TOTAL SHEET NO.: 5



QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
26	CV	<i>CHIONANTHUS VIRGINICUS</i>	AMERICAN FRINGE TREE	AS SHOWN
22	KP	<i>KOELREUTERIA PANICULATA</i>	GOLDEN RAIN TREE	40' O.C.
26	MG	<i>MAGNOLIA GRANDIFLORA 'CLAUDIA WANNAMAKER'</i>	CLAUDIA WANNAMAKER SOUTHERN MAGNOLIA	60' O.C.
20	ML	<i>MAGNOLIA GRANDIFLORA 'LITTLE GEM'</i>	LITTLE GEM MAGNOLIA	AS SHOWN
18	MP	<i>MALUS 'PRAIRIFIRE'</i>	PRAIRIFIRE CRABAPPLE	AS SHOWN
28	PK	<i>PRUNUS CERASIFERA 'KRAUTER VESUVIUS'</i>	KRAUTER VESUVIUS PURPLE LEAF PLUM	AS SHOWN

NOTE:
-DO NOT STAKE NEWLY INSTALLED TREES.



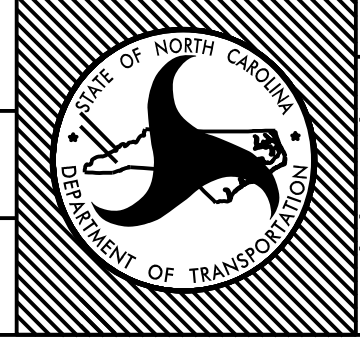
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I-485 & PROSPERITY RIDGE RD
 MECKLENBURG COUNTY
 TIP #: R-2248E

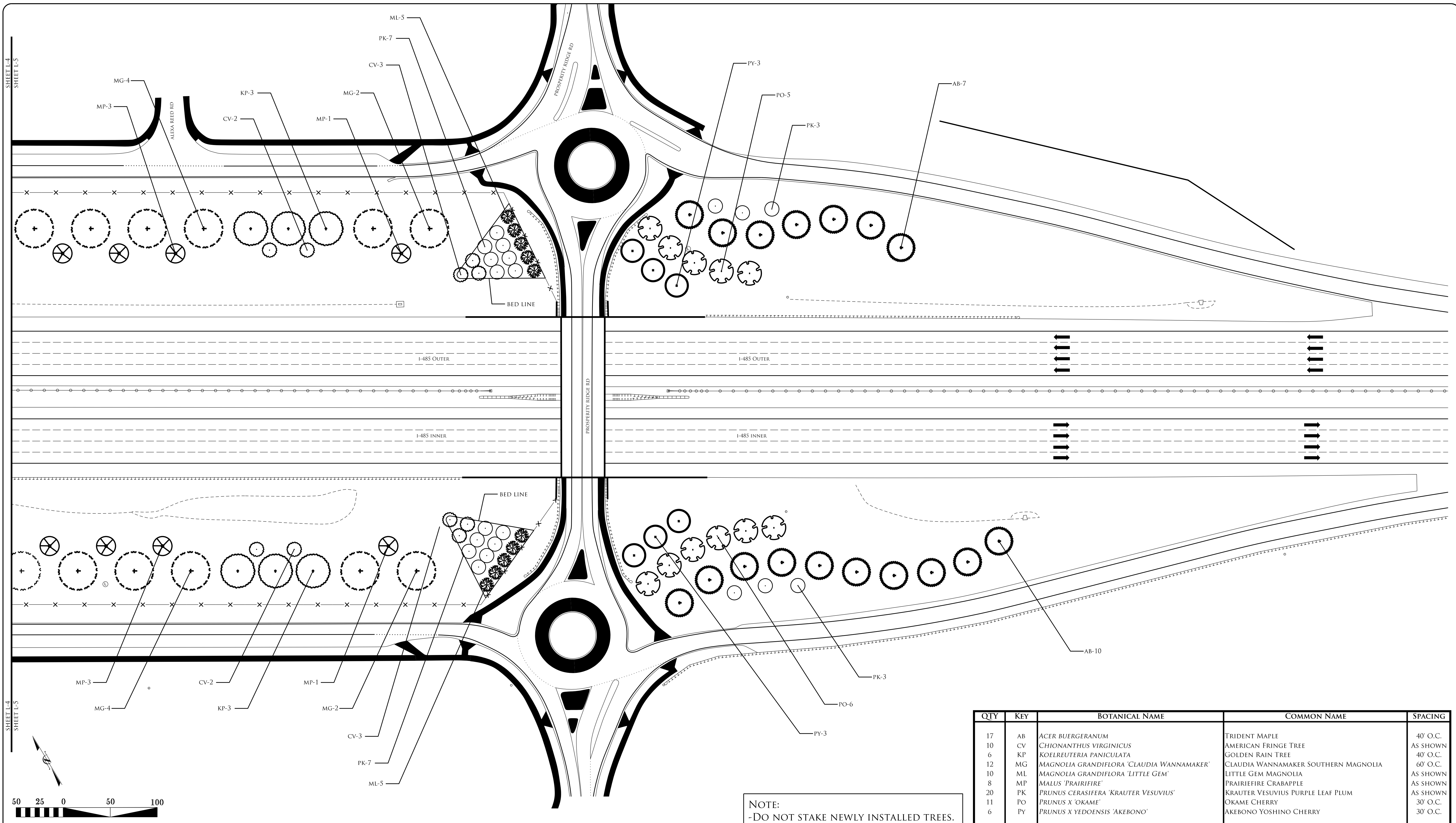
REV. DESIGNER

SHEET DESCRIPTION:
 PREL. DESIGN DATE: MARCH 2016
 CHECKED BY & DATE:
 FINAL DESIGN DATE: JUNE 13, 2016

PLANTING PLAN
 LANDSCAPE PLAN SHEET



T.I.P. # R-2248E
 WBS #
 FED I.D. #
 SHEET NO.: L-4 TOTAL SHEET NO.: 5



NOTE:
-DO NOT STAKE NEWLY INSTALLED TREES.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
17	AB	ACER BUERGERANUM	TRIDENT MAPLE	40' O.C.
10	CV	CHIONANTHUS VIRGINICUS	AMERICAN FRINGE TREE	AS SHOWN
6	KP	KOELREUTERIA PANICULATA	GOLDEN RAIN TREE	40' O.C.
12	MG	MAGNOLIA GRANDIFLORA 'CLAUDIA WANNAMAKER'	CLAUDIA WANNAMAKER SOUTHERN MAGNOLIA	60' O.C.
10	ML	MAGNOLIA GRANDIFLORA 'LITTLE GEM'	LITTLE GEM MAGNOLIA	AS SHOWN
8	MP	MALUS 'PRAIRIFIRE'	PRAIRIEFIRE CRABAPPLE	AS SHOWN
20	PK	PRUNUS CERASIFERA 'KRAUTER VESUVIUS'	KRAUTER VESUVIUS PURPLE LEAF PLUM	AS SHOWN
11	PO	PRUNUS X 'OKAME'	OKAME CHERRY	30' O.C.
6	PY	PRUNUS X YEDOENSIS 'AKEBONO'	AKEBONO YOSHINO CHERRY	30' O.C.



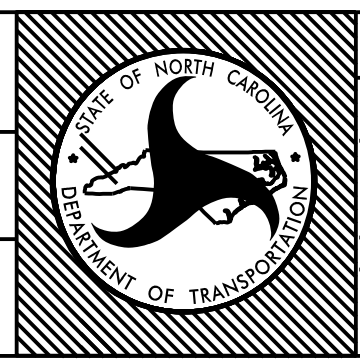
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REV. DESIGNER
Kyle Cooney

SHEET DESCRIPTION:
PREL. DESIGN DATE: MARCH 2016
CHECKED BY & DATE:
FINAL DESIGN DATE: JUNE 13, 2016

PLANTING PLAN
LANDSCAPE PLAN SHEET



T.I.P. # R-2248E
WBS #
FED I.D. #
SHEET NO.: **L-5** TOTAL SHEET NO.: **5**