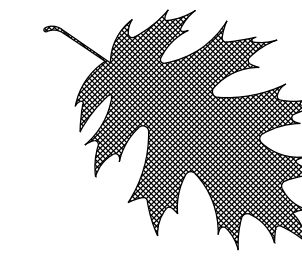
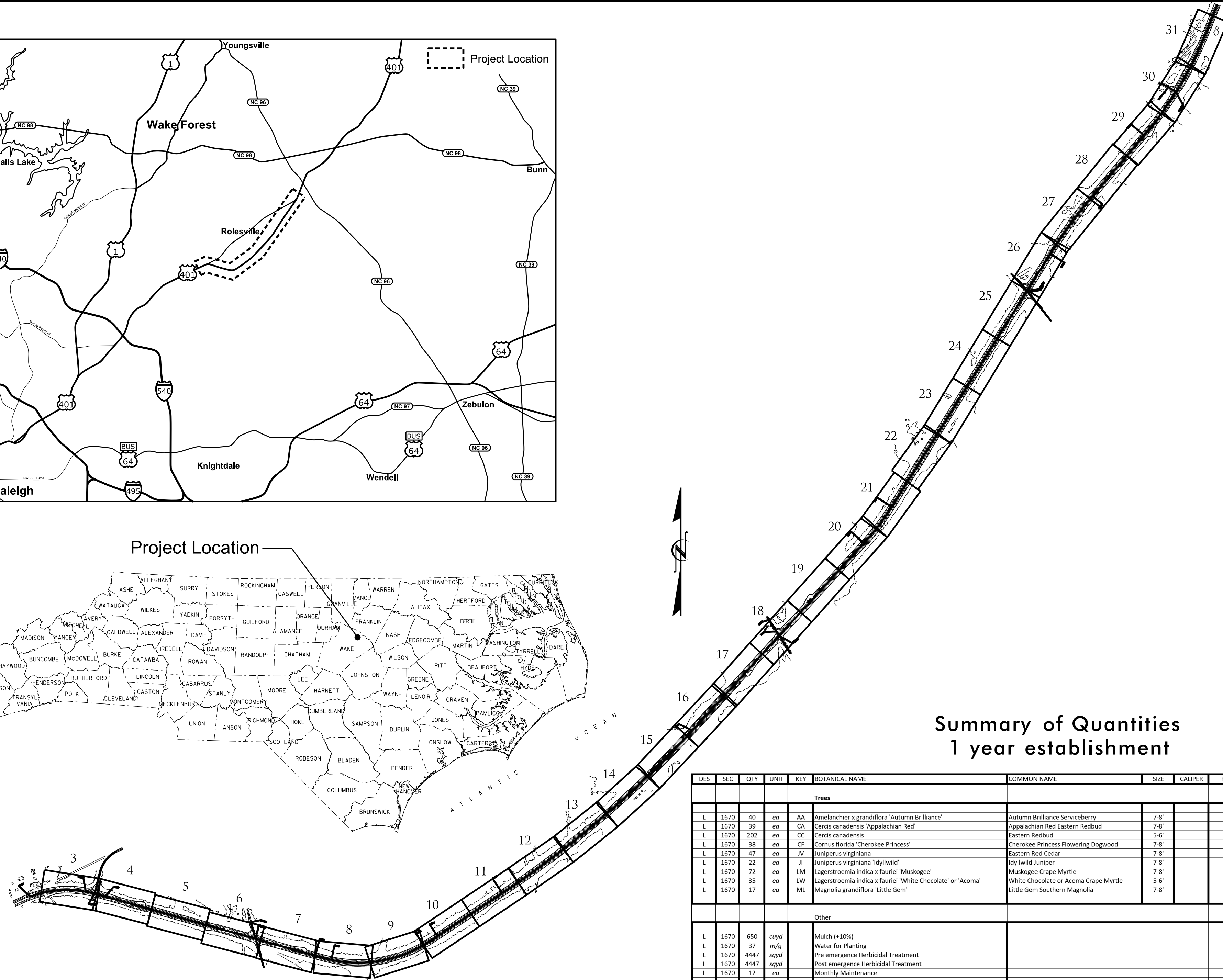
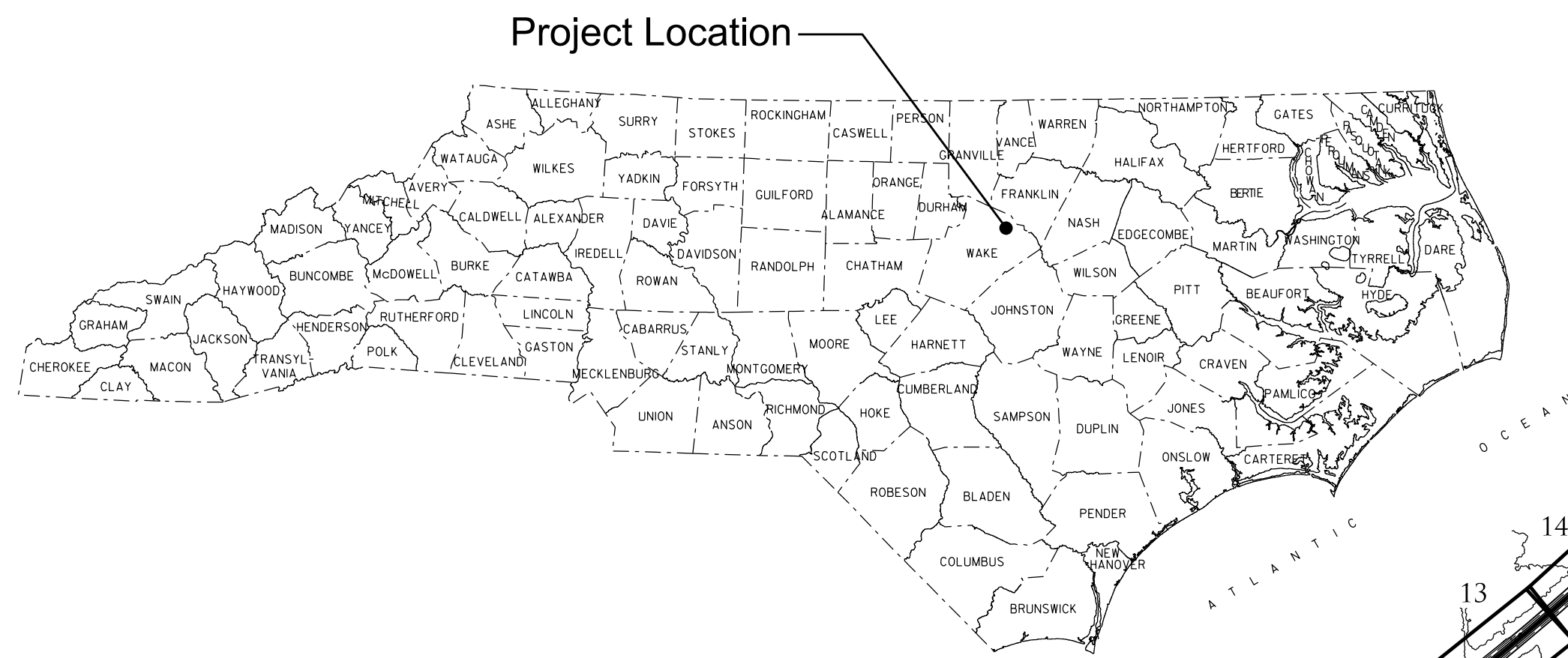
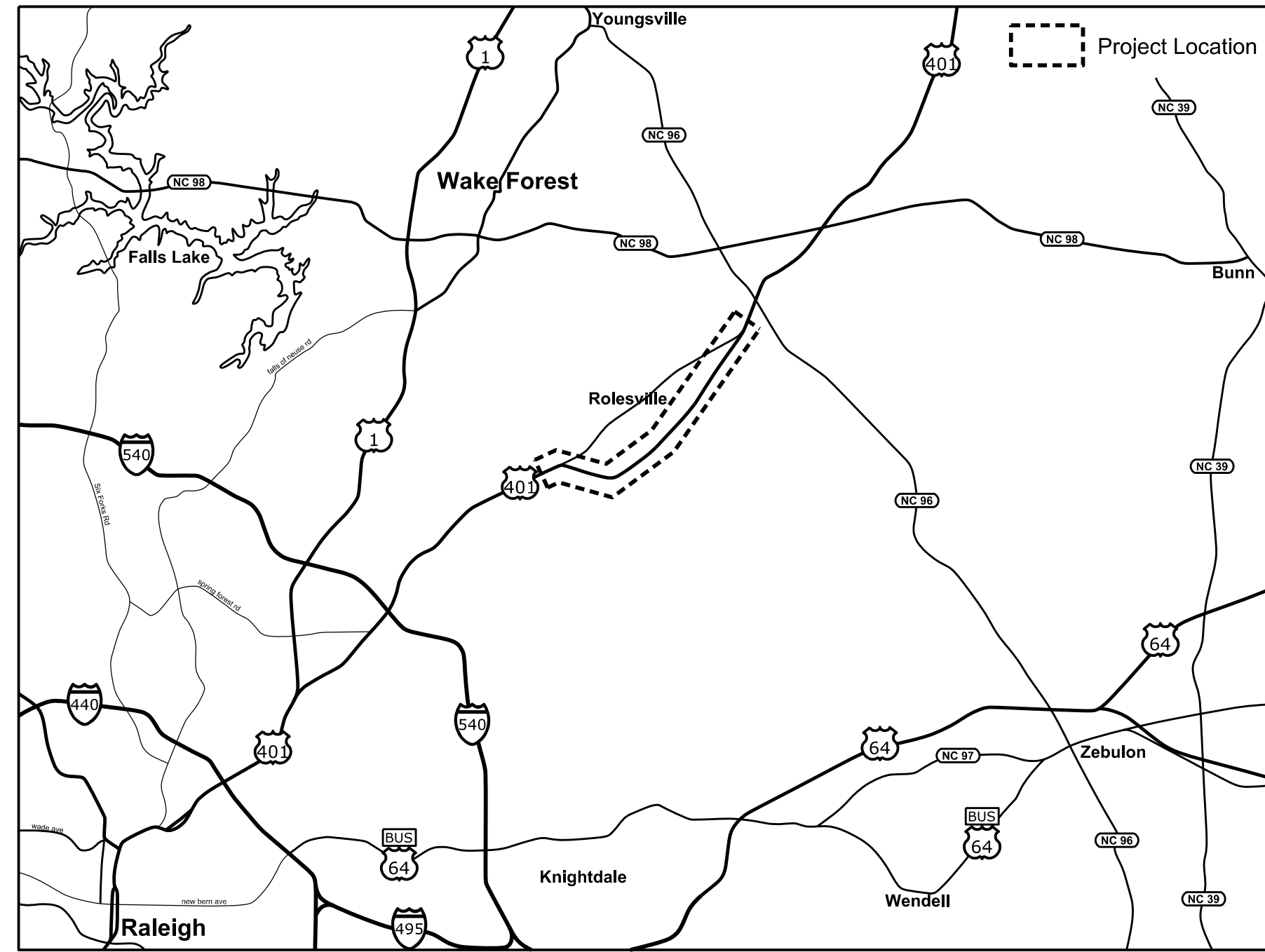


# HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
<b>R-2814B(L)</b>	<b>34506.3.11</b>	<b>L1</b>	<b>31</b>
FED. PROJ. #	DESCRIPTION	DIVISION	
<b>STP-0401(262)</b>	<b>Enhancement</b>	<b>5</b>	

R-2814B(L) Rolesville Bypass US 401



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

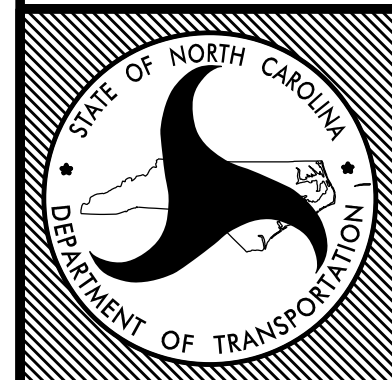
DES	SEC	QTY	UNIT	KEY	BOTANICAL NAME	COMMON NAME	SIZE	GALIPER	FURNISH	A.S.N.S.	REMARKS
Trees											
L	1670	40	ea	AA	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	7-8'		#25	2.5.4	As shown
L	1670	39	ea	CA	Cercis canadensis 'Appalachian Red'	Appalachian Red Eastern Redbud	7-8'		#25	2.3	18' O.C.
L	1670	202	ea	CE	Cercis canadensis	Eastern Redbud	5-6'		#15	2.3	As shown
L	1670	38	ea	CF	Cornus florida 'Cherokee Princess'	Cherokee Princess Flowering Dogwood	7-8'		#25	2.4	20' O.C.
L	1670	47	ea	JV	Juniperus virginiana	Eastern Red Cedar	7-8'		B&B	4.9	As shown
L	1670	22	ea	JL	Juniperus virginiana 'Idyllwild'	Idyllwild Juniper	7-8'		B&B	4.9	As shown
L	1670	72	ea	LM	Lagerstroemia indica x fauriei 'Muskogee'	Muskogee Crape Myrtle	7-8'		#25	2.5	3-4 Stem; 14' O.C.
L	1670	35	ea	LW	Lagerstroemia indica x fauriei 'White Chocolate' or 'Acoma'	White Chocolate or Acoma Crape Myrtle	5-6'		#15	2.5	3-4 stem; 9' O.C.
L	1670	17	ea	ML	Magnolia grandiflora 'Little Gem'	Little Gem Southern Magnolia	7-8'		B&B	2.2	12' O.C.
Other											
L	1670	650	cuyd		Mulch (+10%)						
L	1670	37	m/g		Water for Planting						Depth of 4"
L	1670	4447	sgyd		Pre emergence Herbicidal Treatment						
L	1670	4447	sgyd		Post emergence Herbicidal Treatment						
L	1670	12	ea		Monthly Maintenance						

INDEX OF L SHEETS:  
 L 1.0 - Title Sheet  
 L 2.0 - Planting Details  
 L 3.0 - L 27.0 - Enhancement Plantings

PREPARED BY: KC DATE: 6/27/2016

REVISIONS

DATE	DESCRIPTION
8/11/2017	Adjusted ROW fence plantings on pages L-3 & L-31.
8/11/2017	Added 4 missing pages with no plantings.
7/31/2018	Add WBS# & 12 mo. Maintenance Period



STATE OF  
 NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION

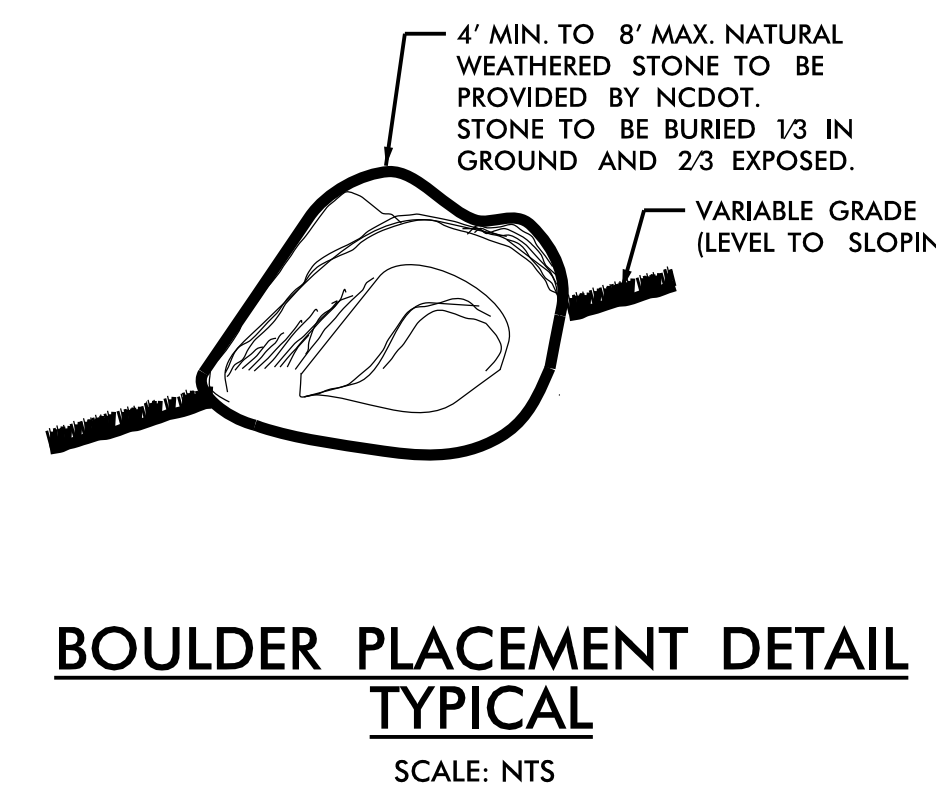
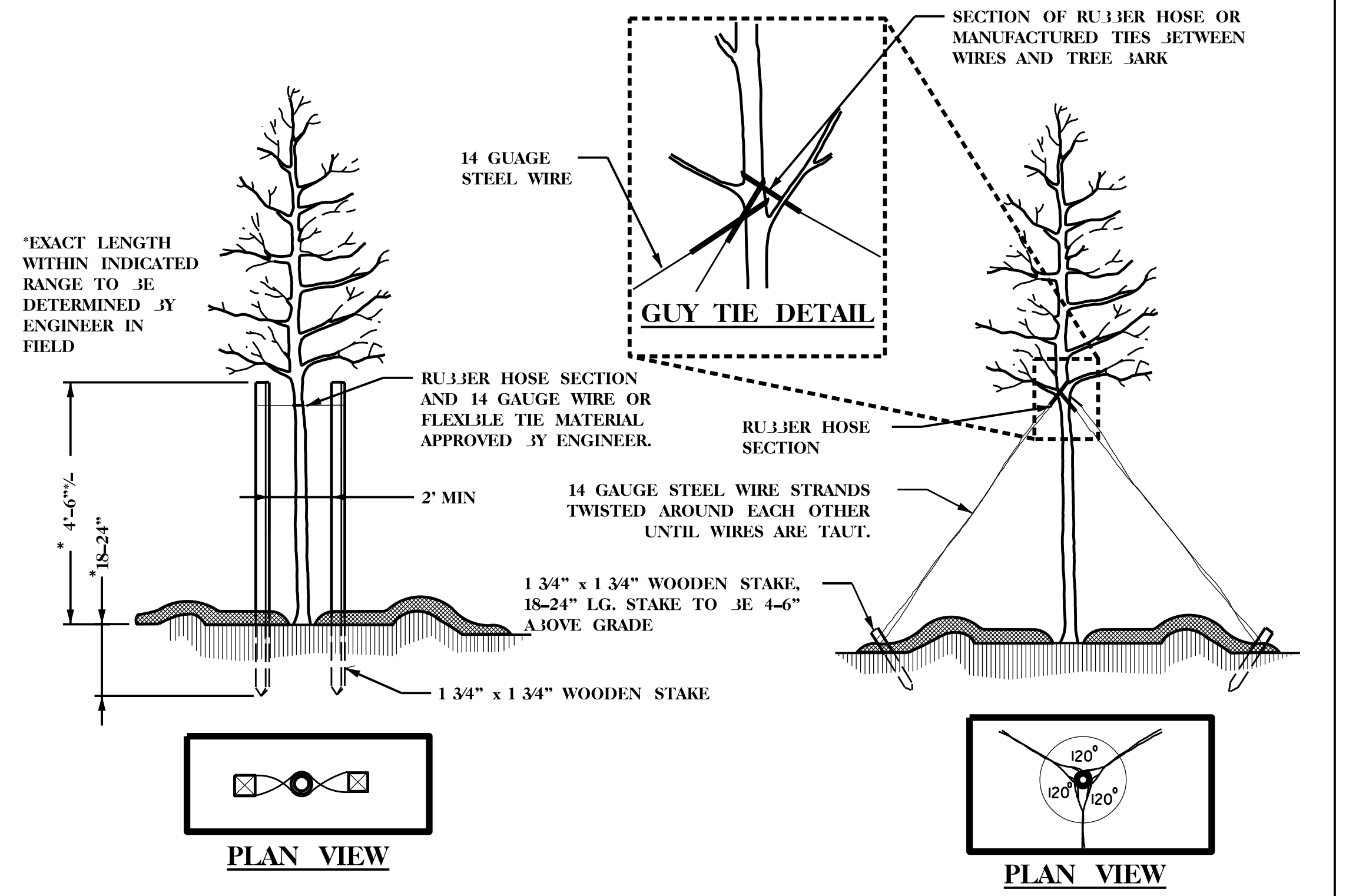
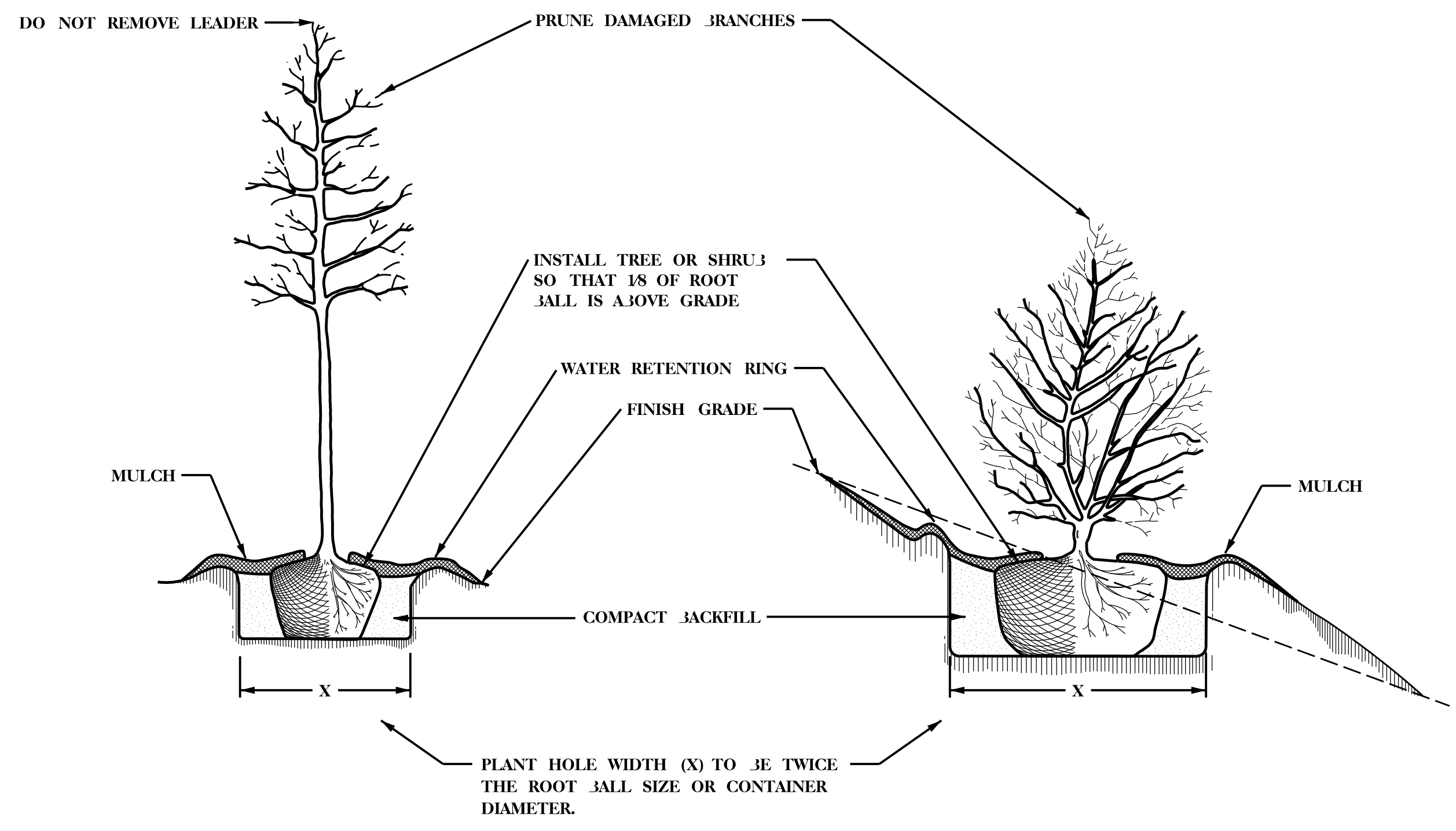
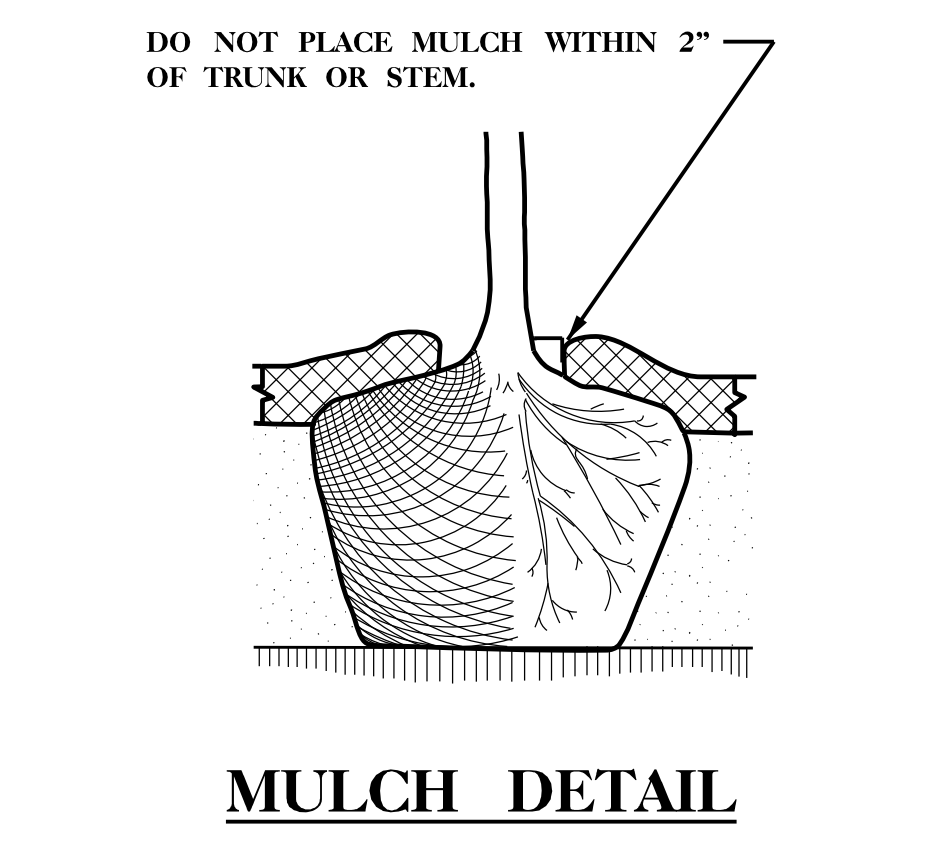
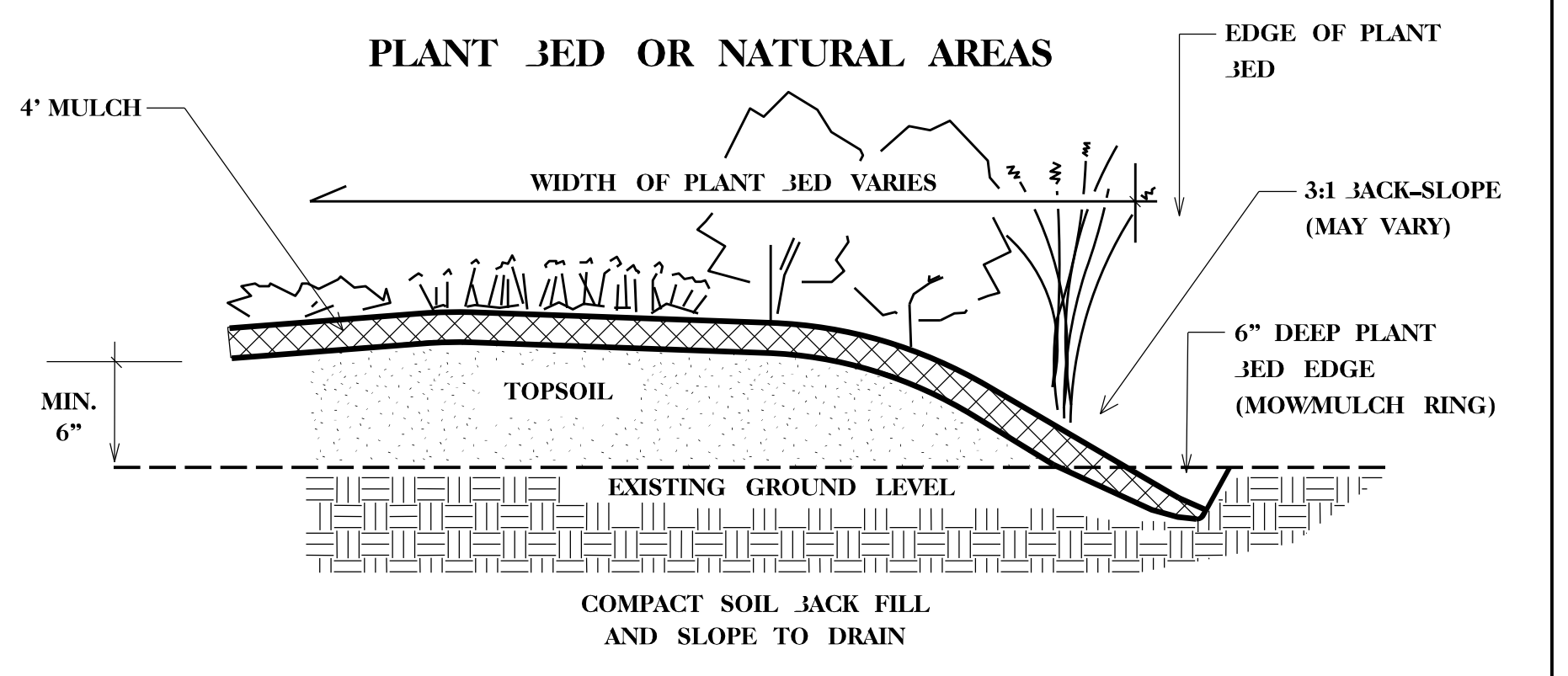
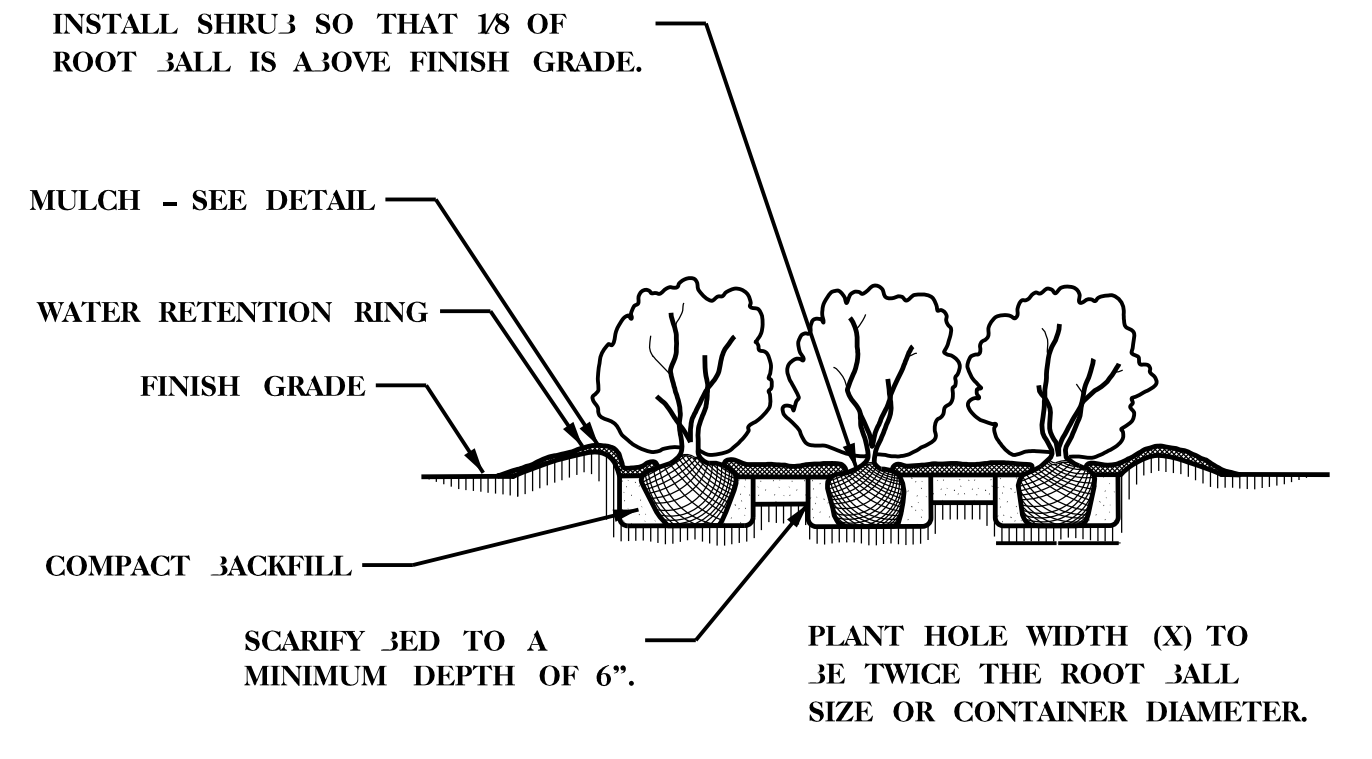
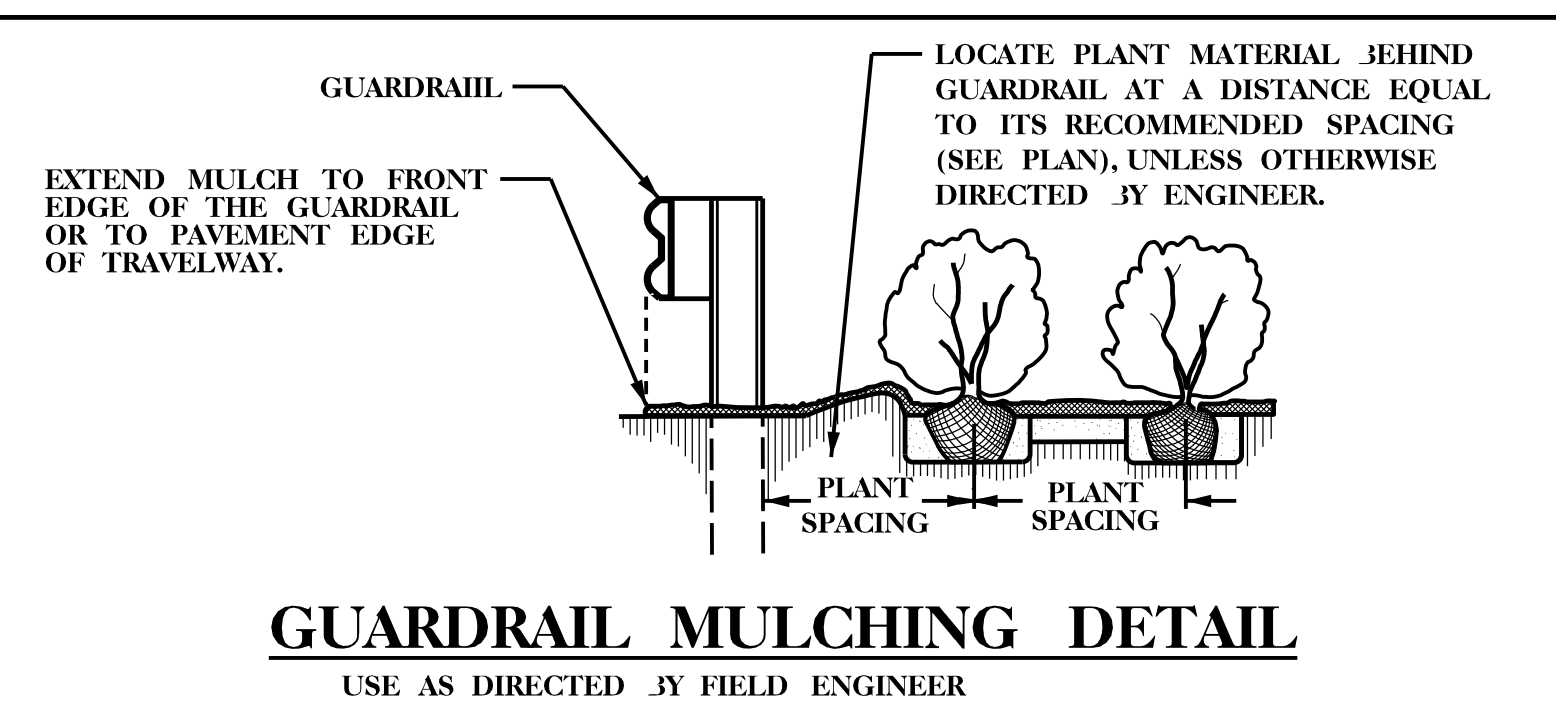
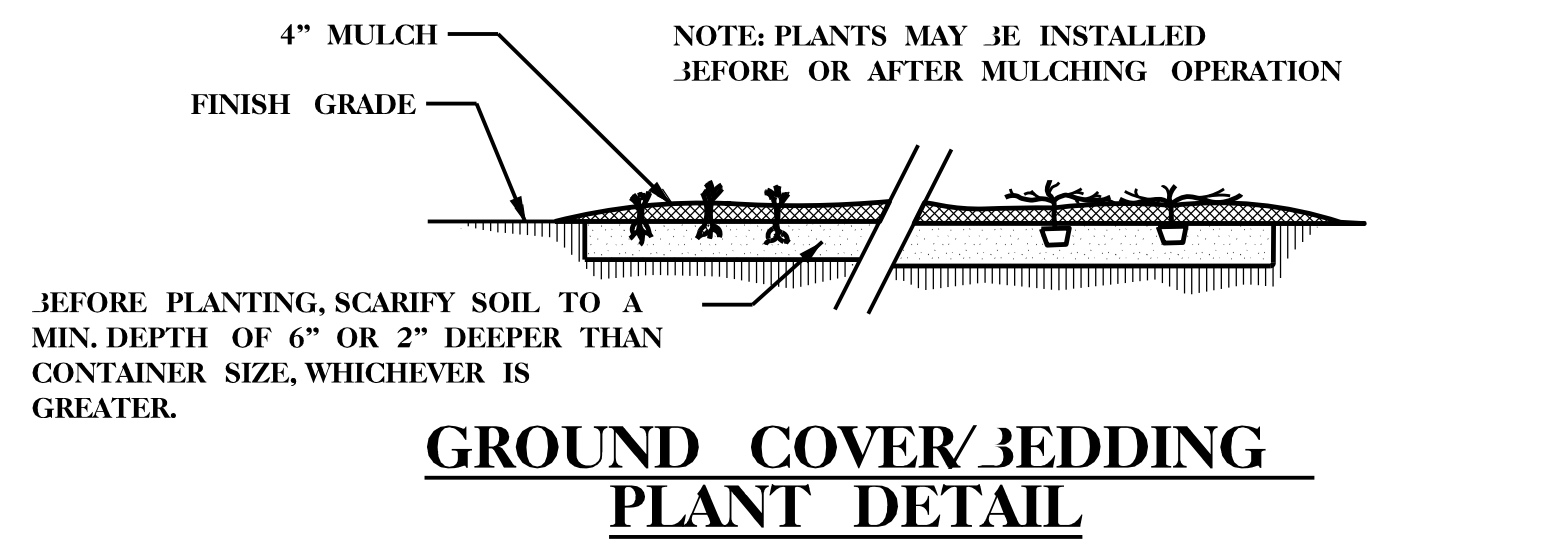
LOCATION: Rolesville Bypass US 401

TYPE of WORK: Enhancement Plan

COUNTY: Wake County

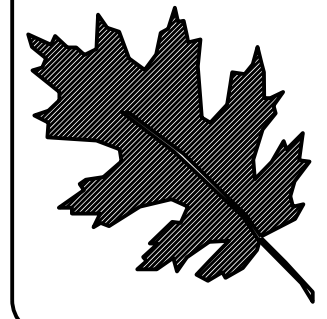
2014 American Standard for Nursery Stock  
 2018 NCDOT STANDARD SPECIFICATIONS  
 PREPARED IN THE OFFICE OF:  
 NCDOT- ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT SECTION  
 1557 MAIL SERVICE CENTER  
 RALEIGH NC 27699 919-707-2920

- 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 JACK 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.



**TREE OR SHRUB PLANTING DETAIL (LEVEL GROUND)**  
**TREE OR SHRUB PLANTING DETAIL (SLOPING GROUND)**

**STAKING DETAIL (TREES 6'-10')**  
 USE AS DIRECTED BY FIELD ENGINEER  
**GUYING DETAIL (TREES 10' OR LARGER)**  
 USE AS DIRECTED BY FIELD ENGINEER



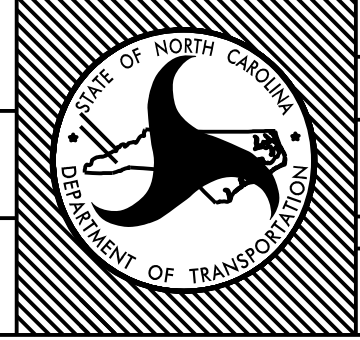
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 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-707-2935 FAX: 919-715-2554  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

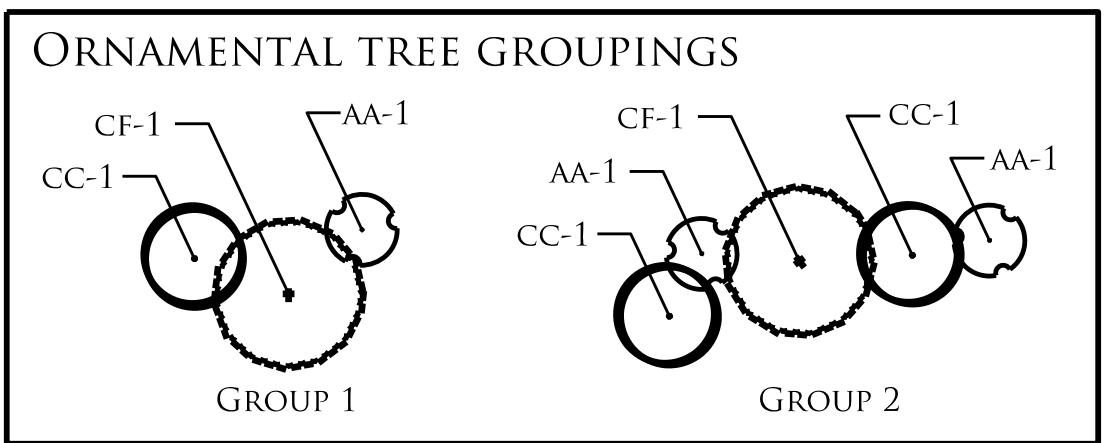
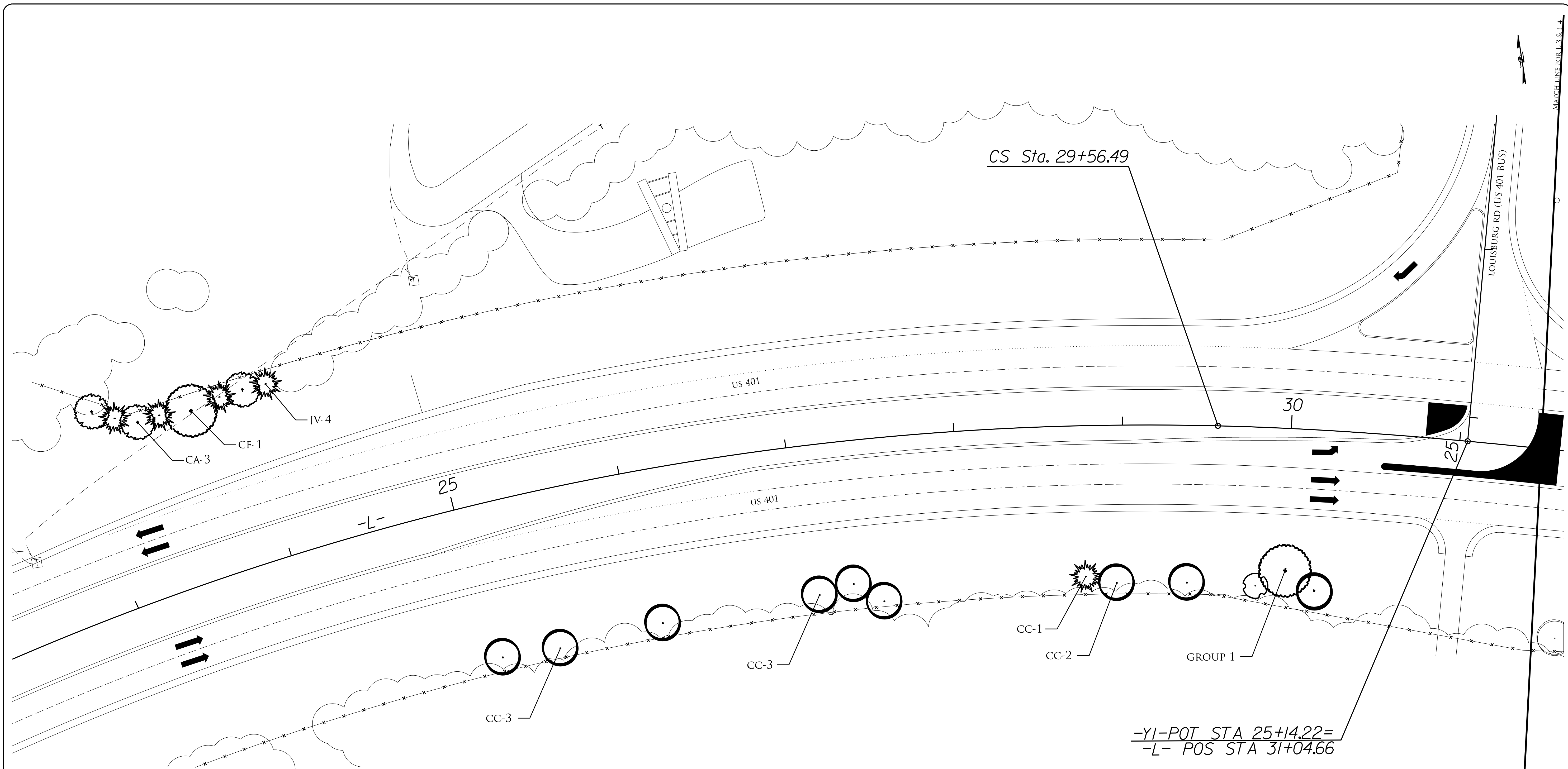
REV. DESIGNER  
*Kyle Cooney*

SHEET DESCRIPTION:  
 PREL. DESIGN DATE: JAN 11, 2016  
 CHECKED BY & DATE:  
 FINAL DESIGN DATE: JUNE 27, 2016

PLANTING DETAILS



T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: L-2 TOTAL SHEET NO.: 31



NOTE: MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
1	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
3	CA	CERCIS CANADENSIS 'APPALACHIAN RED'	APPALACHIAN RED EASTERN REDBUD	18' O.C.
9	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
2	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
5	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN



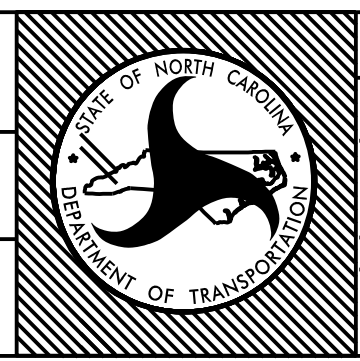
NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-707-2935 FAX: 919-715-2554  
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ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

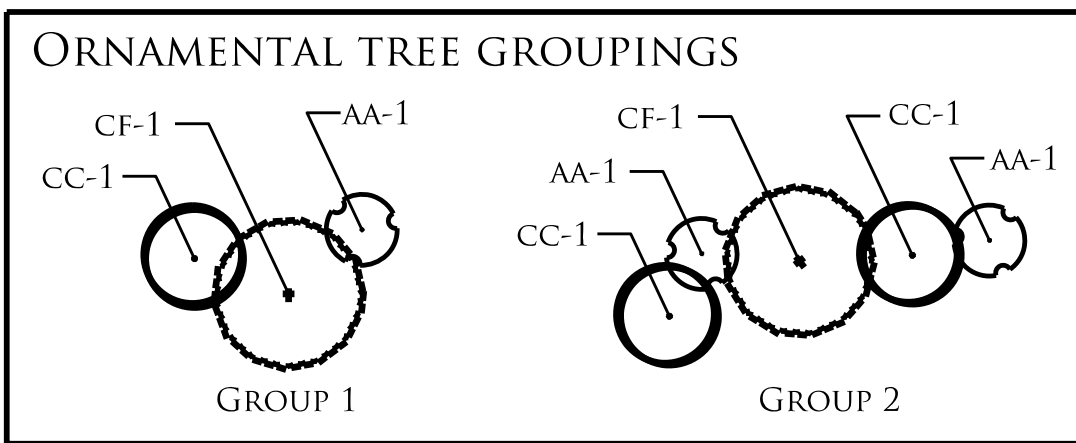
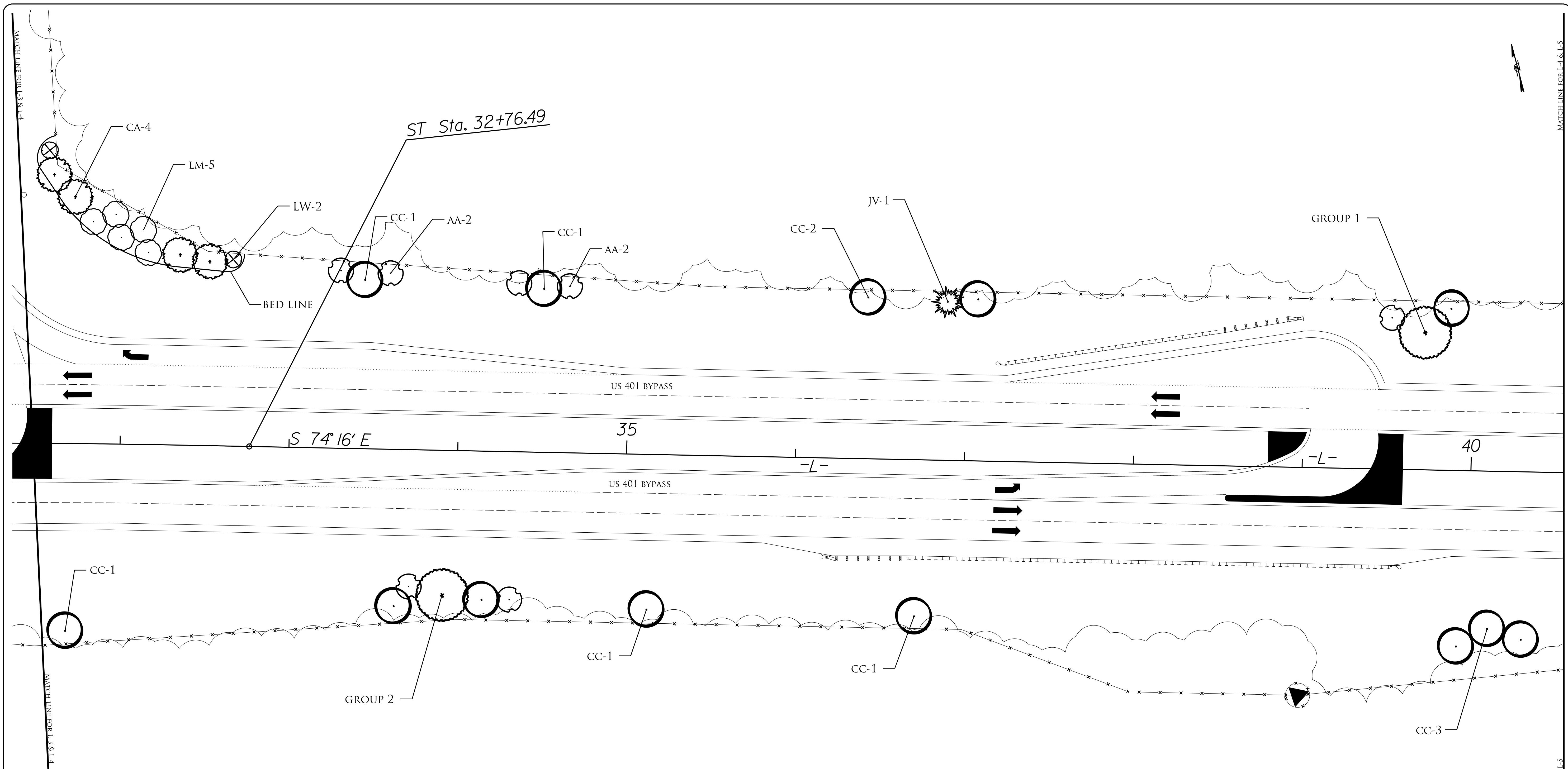
PREPARED BY: *Kyle Cooney*

SHEET DESCRIPTION:  
 PREL. DESIGN DATE: JAN 11, 2016  
 CHECKED BY & DATE:  
 FINAL DESIGN DATE: JUNE 27, 2016

PLANTING PLAN  
 LANDSCAPE PLAN SHEET



T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: **L-3** TOTAL SHEET NO.: **31**



**NOTE:**  
MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
7	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
4	CA	CERCIS CANADENSIS 'APPALACHIAN RED'	APPALACHIAN RED EASTERN REDBUD	18' O.C.
13	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
2	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN
5	LM	LAGERSTROEMIA INDICA X FAURIEI 'MUSKOGEE'	MUSKOGEE CRAPE MYRTLE	14' O.C.
2	LW	LAGERSTROEMIA INDICA X FAURIEI 'WHITE CHOCOLATE' OR 'ACOMA'	WHITE CHOCOLATE OR ACOMA CRAPE MYRTLE	9' O.C.



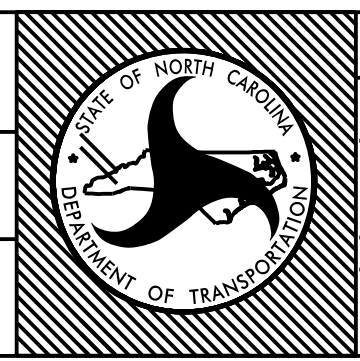
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 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-707-2935 FAX: 919-715-2554  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

**ROLESVILLE BYPASS US 401  
 WAKE COUNTY**  
 TIP #: R-2814B (L)

REV. DESIGNER

SHEET DESCRIPTION:  
 PREL. DESIGN DATE: JAN 11, 2016  
 CHECKED BY & DATE:  
 FINAL DESIGN DATE: JUNE 27, 2016

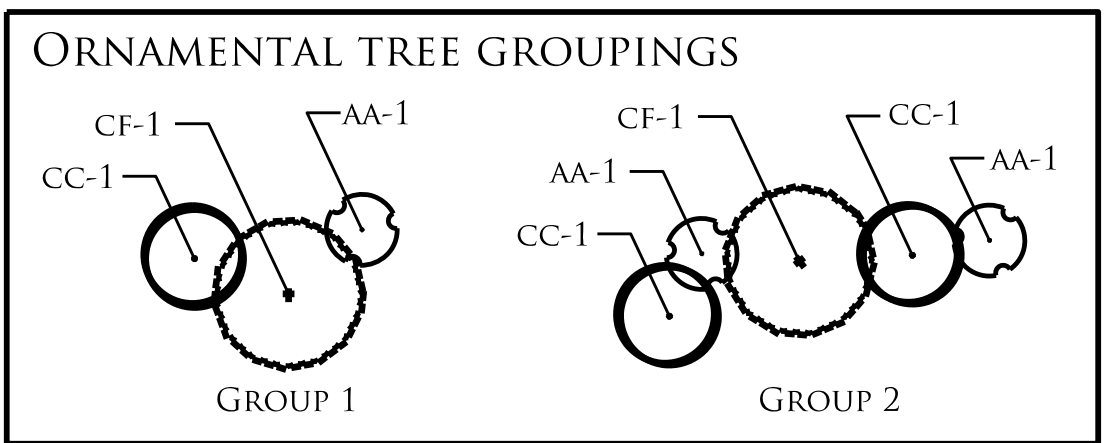
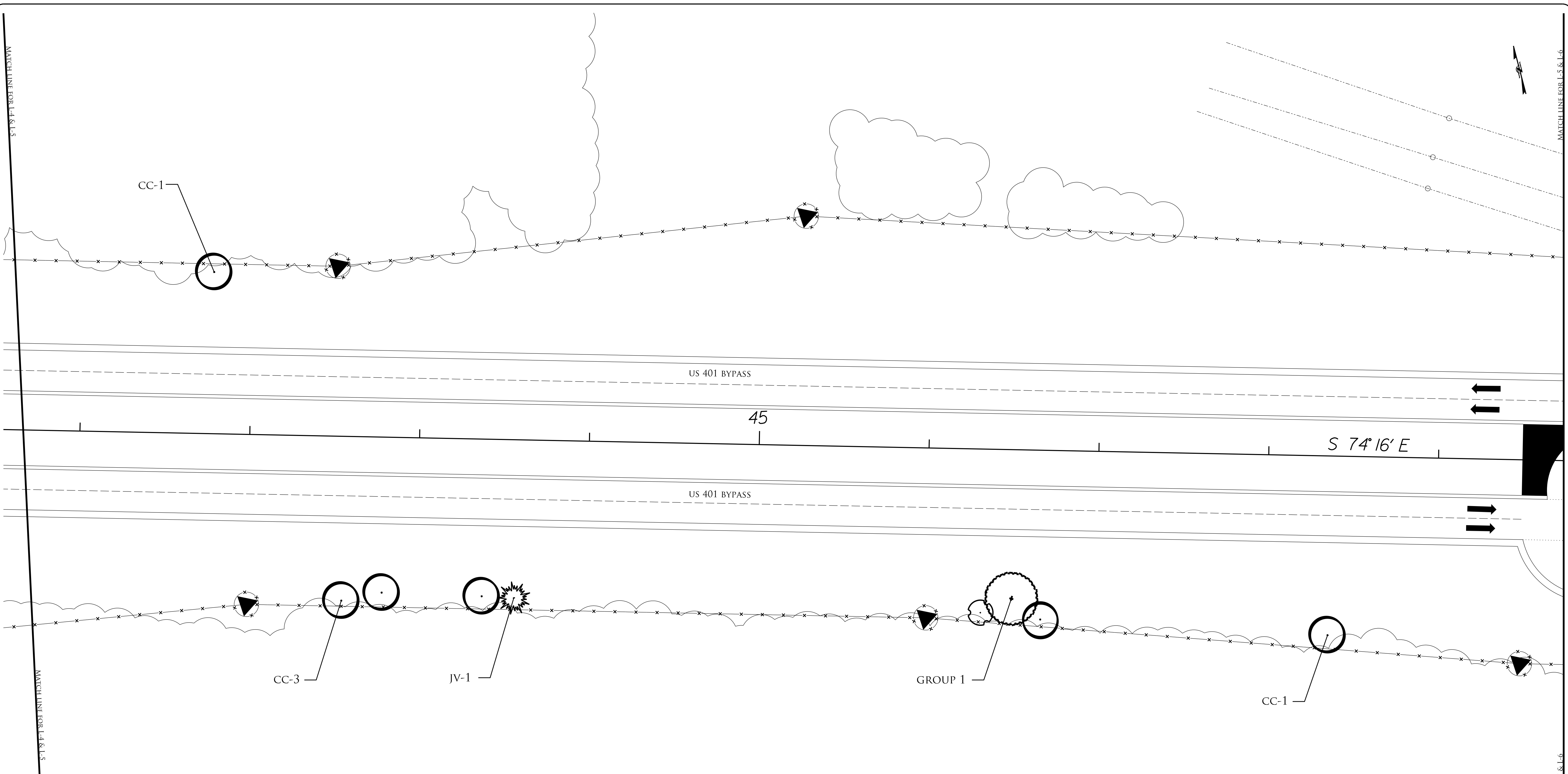
PLANTING PLAN  
 LANDSCAPE PLAN SHEET



T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: **L-4** TOTAL SHEET NO.: **31**

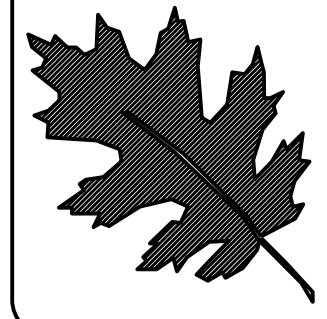
MATCH LINE FOR L-3 & L-5

MATCH LINE FOR L-4 & L-5



NOTE: MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
1	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
6	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN



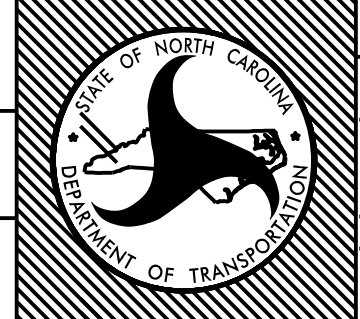
NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
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ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

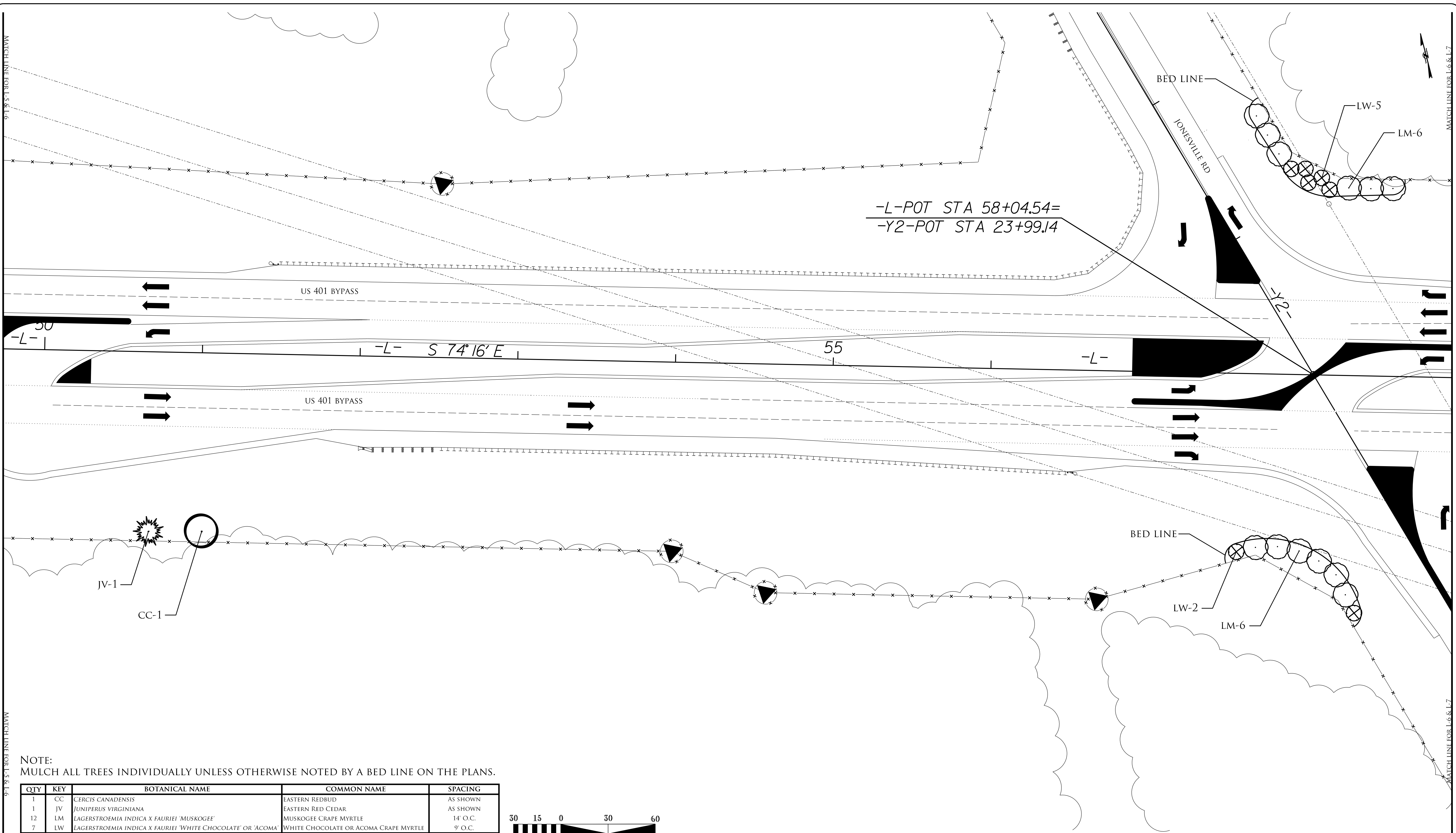
PREPARED BY: KYLE COOPER

SHEET DESCRIPTION:  
 PREL. DESIGN DATE: JAN 11, 2016  
 CHECKED BY & DATE:  
 FINAL DESIGN DATE: JUNE 27, 2016

PLANTING PLAN  
 LANDSCAPE PLAN SHEET

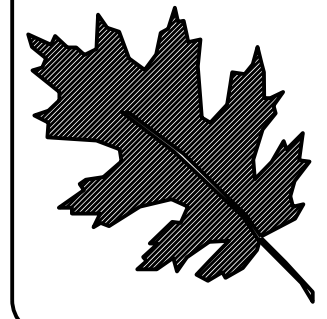


T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: L-5 TOTAL SHEET NO.: 31



NOTE: MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
1	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN
12	LM	LAGERSTROEMIA INDICA X FAURIEI 'MUSKOGEE'	MUSKOGEE CRAPE MYRTLE	14' O.C.
7	LW	LAGERSTROEMIA INDICA X FAURIEI 'WHITE CHOCOLATE' OR 'ACOMA'	WHITE CHOCOLATE OR ACOMA CRAPE MYRTLE	9' O.C.



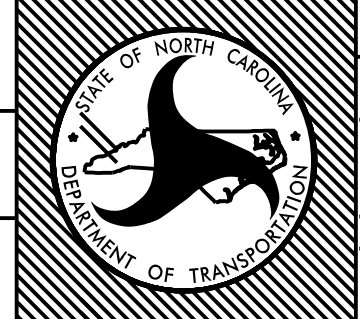
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 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-707-2935 FAX: 919-715-2554  
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ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

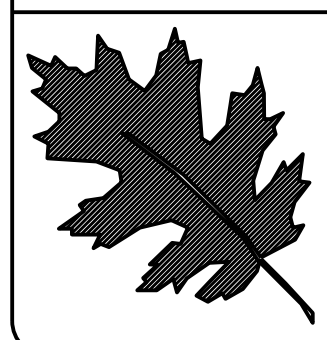
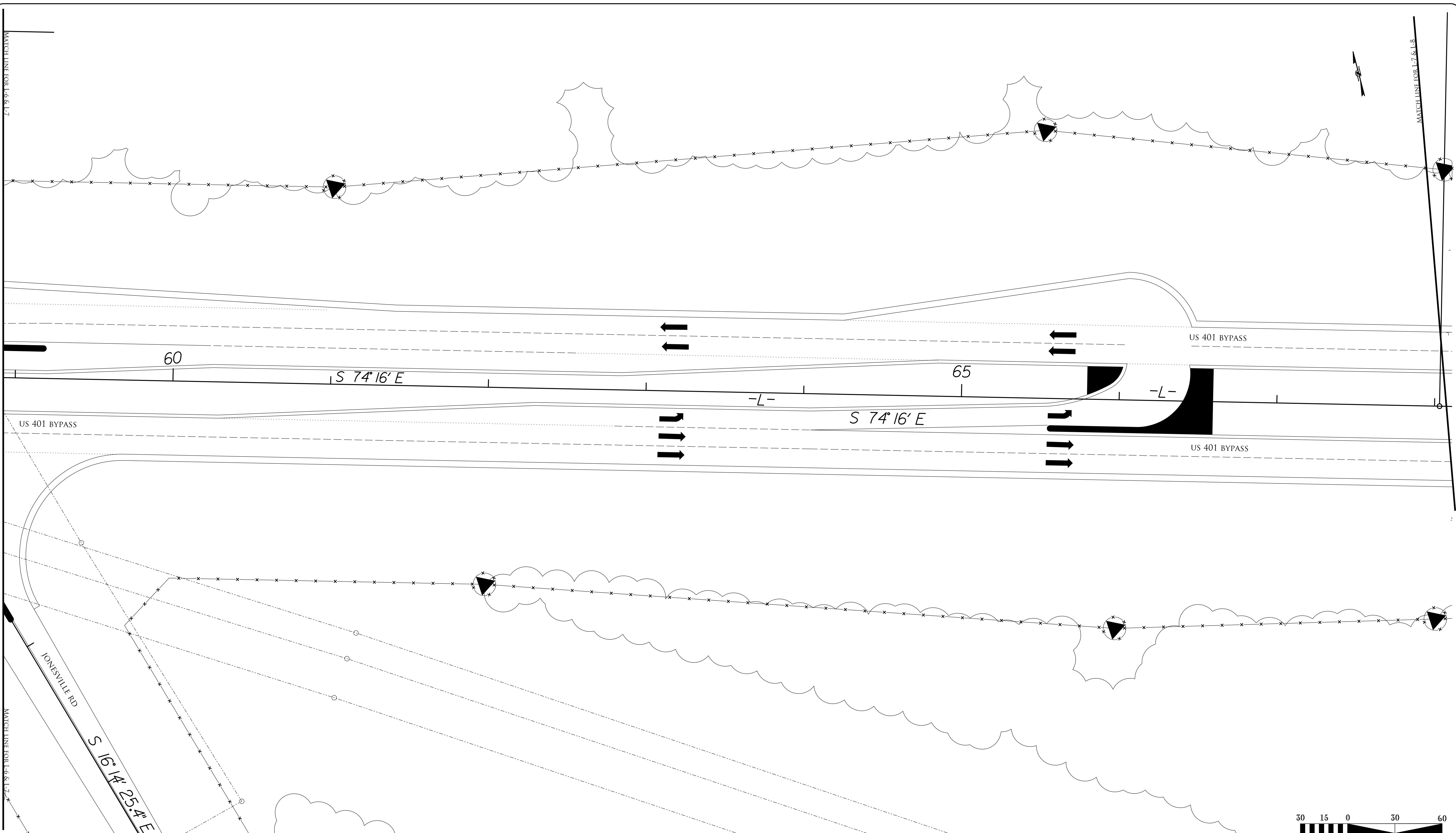
PREP. DESIGNER  
*Kyle Cooper*

PREL. DESIGN DATE:	JAN 11, 2016
CHECKED BY & DATE:	
FINAL DESIGN DATE:	JUNE 27, 2016

PLANTING PLAN  
 LANDSCAPE PLAN SHEET



T.I.P. # R-2814B (L)
WBS # 34506.3.11
FED I.D. # STP-0401(262)
SHEET NO. TOTAL SHEET NO. L-6 31



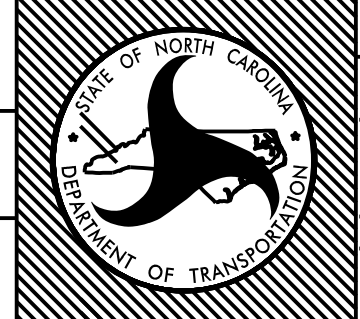
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ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

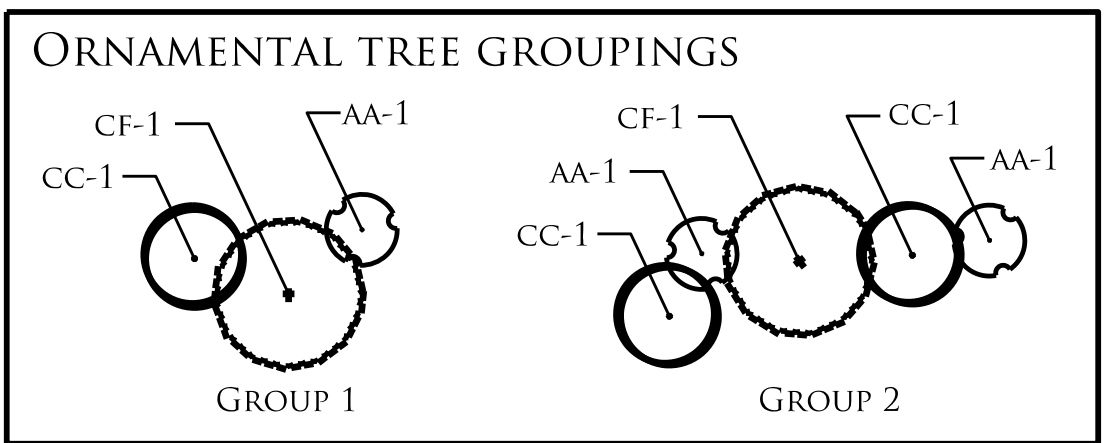
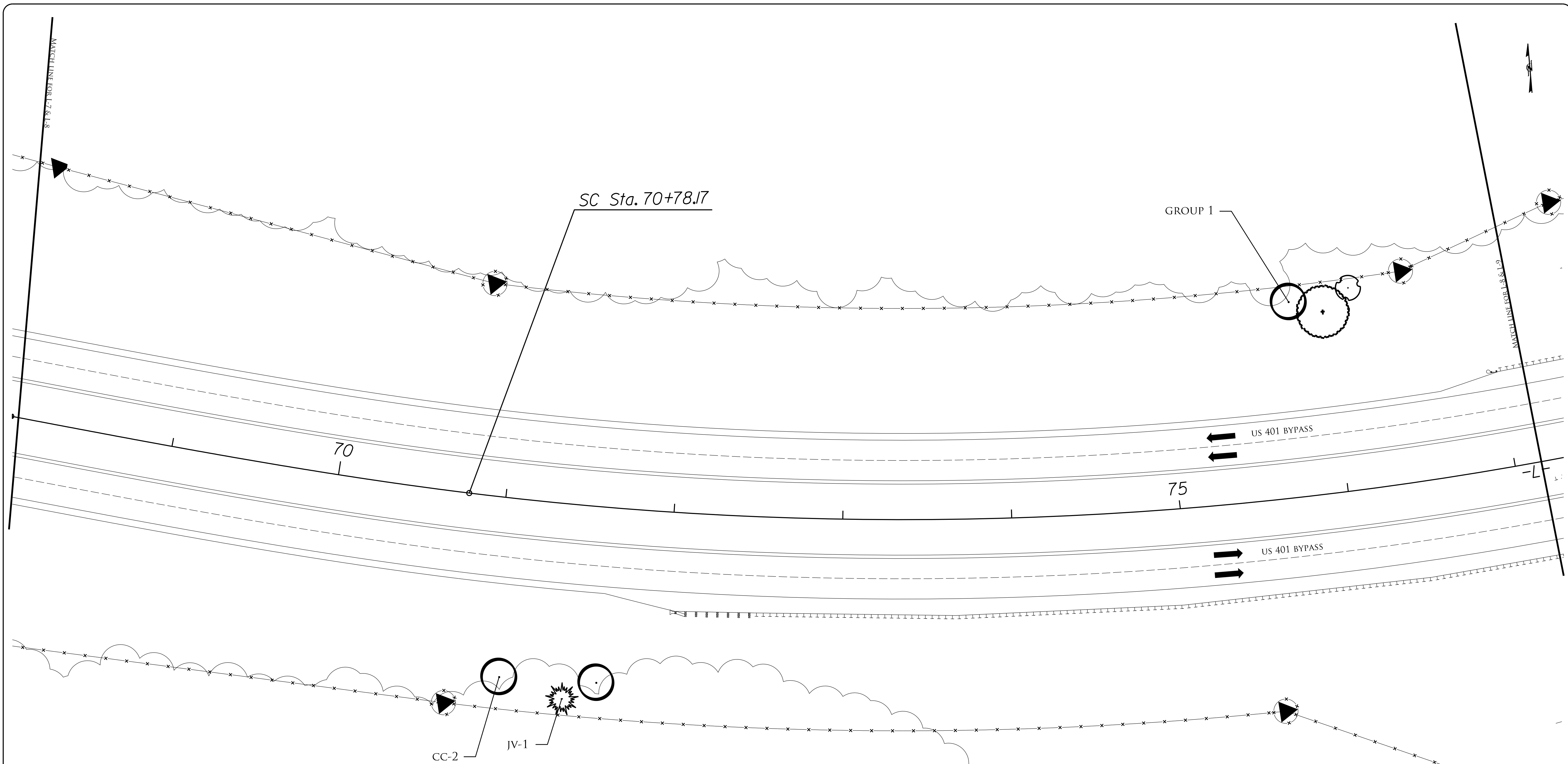
REG. DESIGNER  
*Kyle Cooper*

SHEET DESCRIPTION:	PREL. DESIGN DATE: JAN 11, 2016
	CHECKED BY & DATE:
	FINAL DESIGN DATE: JUNE 27, 2016

PLANTING PLAN  
 LANDSCAPE PLAN SHEET

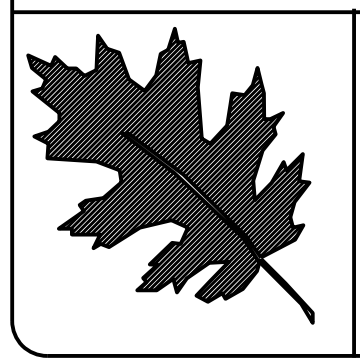


T.I.P. # R-2814B (L)
WBS # 34506.3.11
FED I.D. # STP-0401(262)
SHEET NO.: <b>L-7</b> TOTAL SHEET NO.: <b>31</b>



NOTE: MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
1	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
3	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN



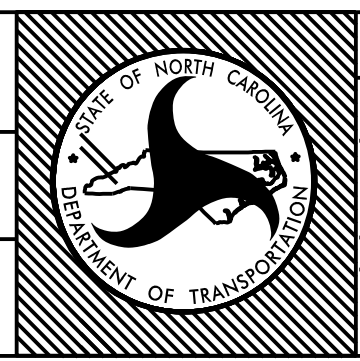
NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-707-2935 FAX: 919-715-2554  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

PREP. DESIGNER

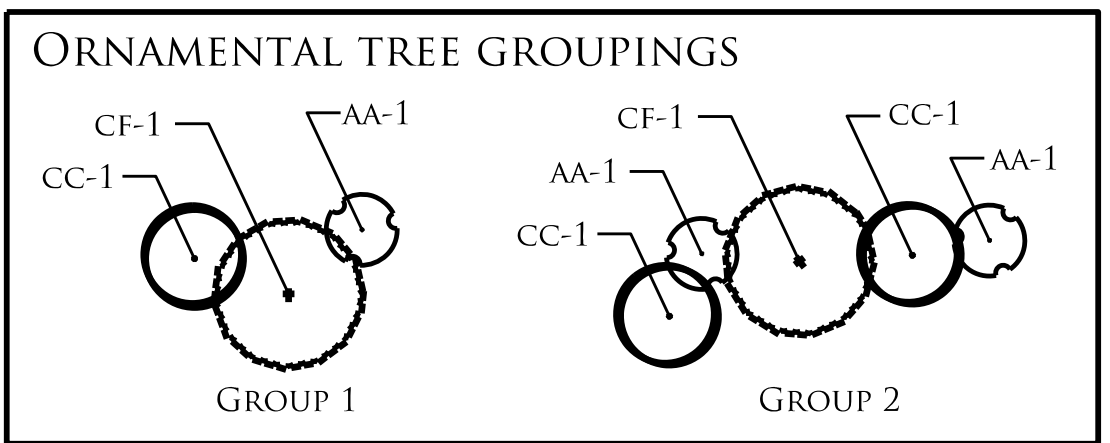
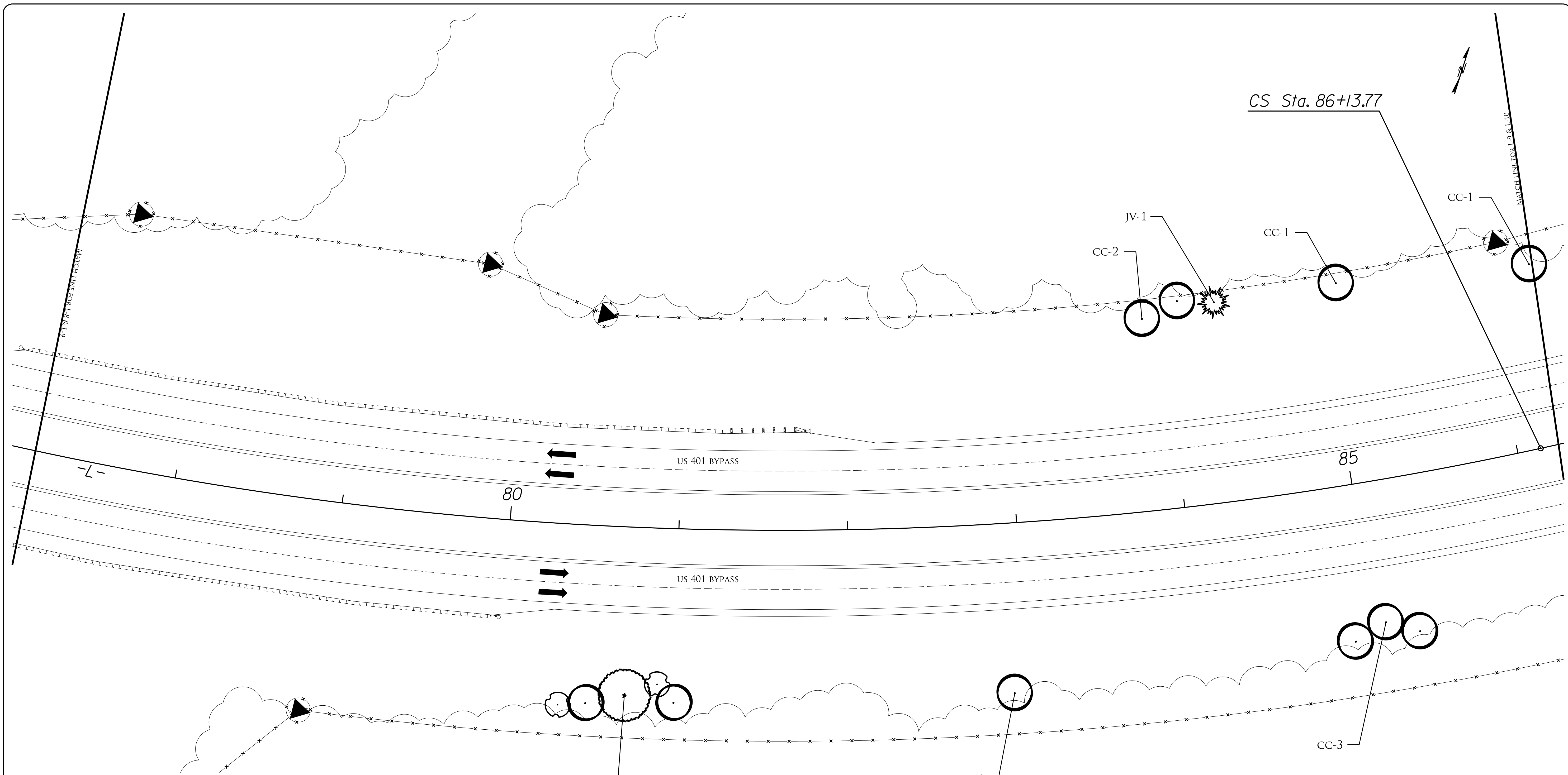
SHEET DESCRIPTION:  
 PREL. DESIGN DATE: JAN 11, 2016  
 CHECKED BY & DATE:  
 FINAL DESIGN DATE: JUNE 27, 2016

PLANTING PLAN  
 LANDSCAPE PLAN SHEET



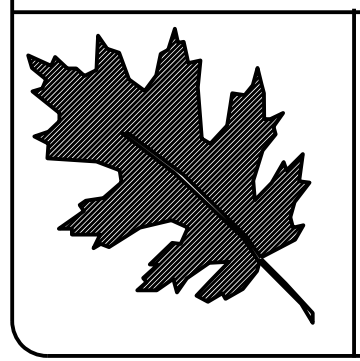
T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: **L-8** TOTAL SHEET NO.: **31**





NOTE: MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
2	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
10	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN



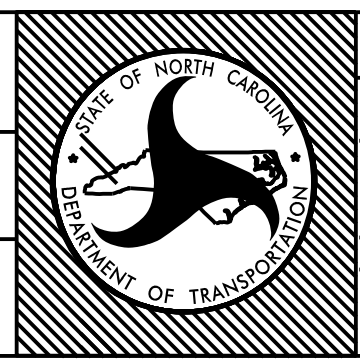
NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-707-2935 FAX: 919-715-2554  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

**ROLESVILLE BYPASS US 401**  
**WAKE COUNTY**  
 TIP #: R-2814B (L)

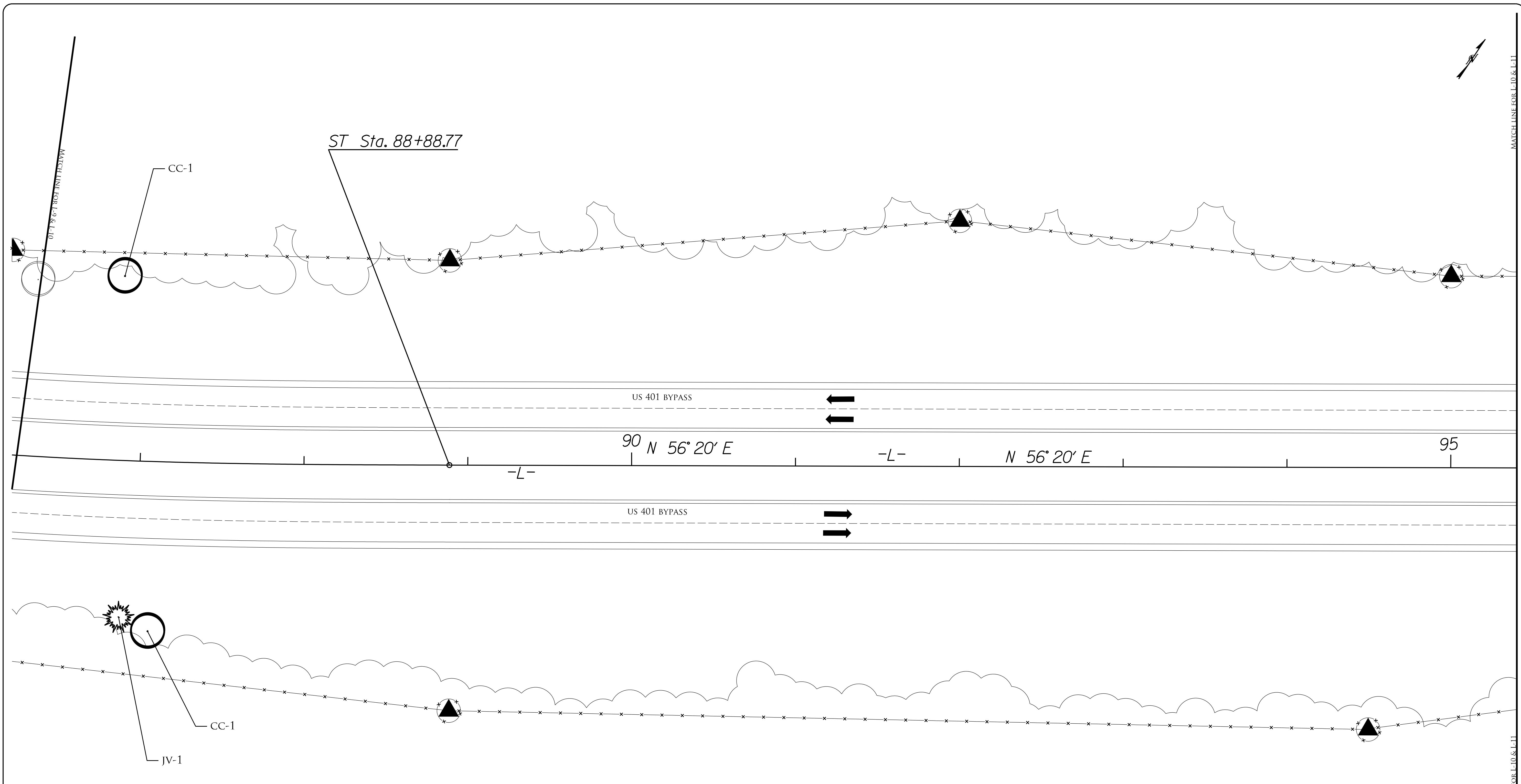
PREPARED BY: *Kyle Cooper*

SHEET DESCRIPTION:  
 PREL. DESIGN DATE: JAN 11, 2016  
 CHECKED BY & DATE:  
 FINAL DESIGN DATE: JUNE 27, 2016

PLANTING PLAN  
 LANDSCAPE PLAN SHEET



T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: **L-9** TOTAL SHEET NO.: **31**



NOTE:  
MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
2	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN



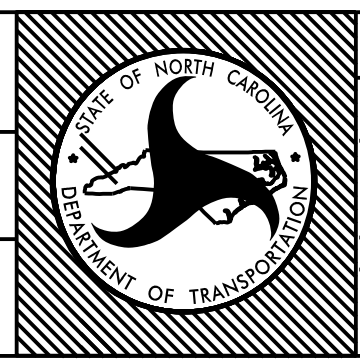
NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-707-2935 FAX: 919-715-2554  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

PREP. DESIGNER  
*Kyle Cooper*

PREL. DESIGN DATE:	JAN 11, 2016
CHECKED BY & DATE:	
FINAL DESIGN DATE:	JUNE 27, 2016

PLANTING PLAN
LANDSCAPE PLAN SHEET

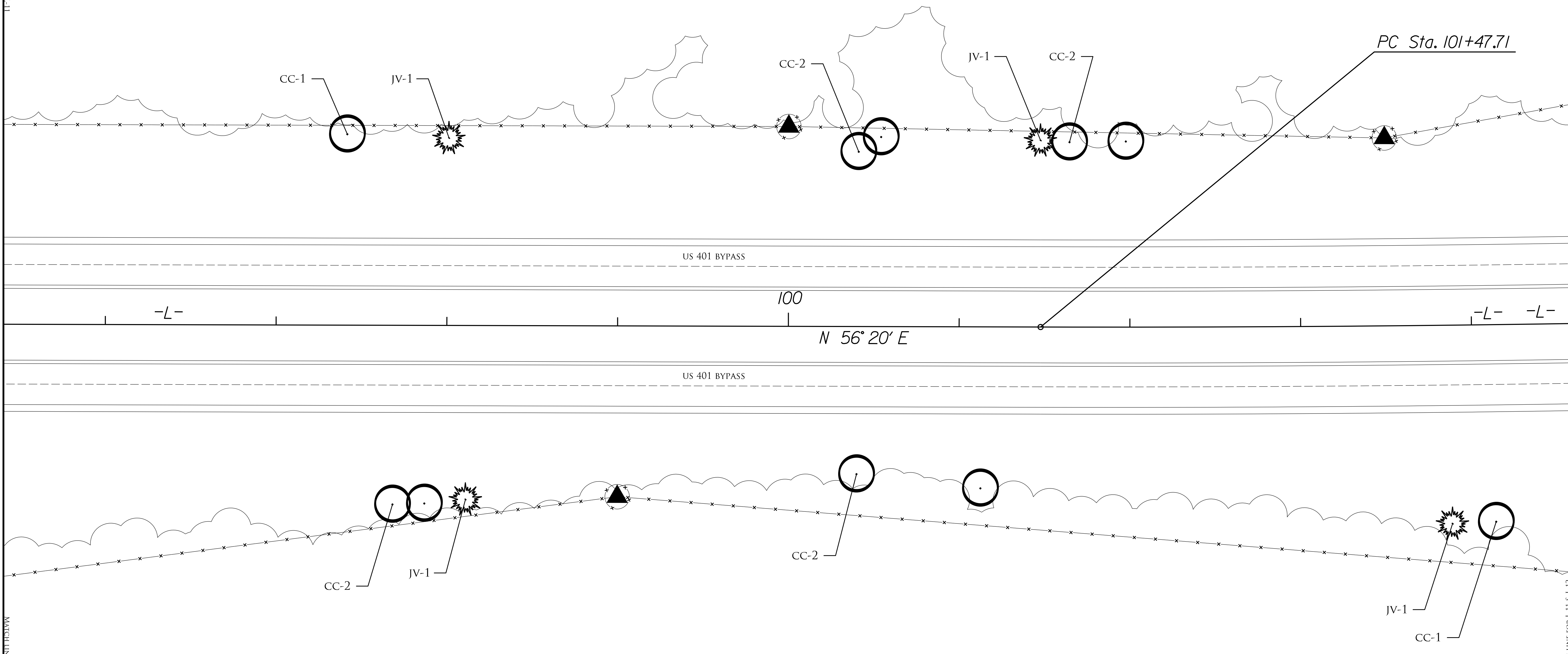


T.I.P. # R-2814B (L)
WBS # 34506.3.11
FED I.D. # STP-0401(262)
SHEET NO. TOTAL SHEET NO. <b>L-10 31</b>

MATCH LINE FOR L-10 & L-11

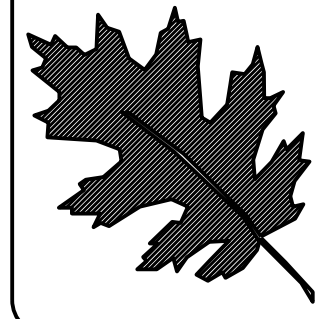
MATCH LINE FOR L-10 & L-11

MATCH LINE FOR L-11 & L-12



NOTE:  
MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
10	CC	CERCIS CANADENSIS	EASTERN REDBUID	AS SHOWN
4	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN



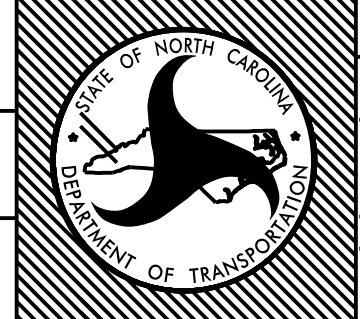
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LANDSCAPE DESIGN & DEVELOPMENT  
1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
PH: 919-707-2935 FAX: 919-715-2554  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

ROLESVILLE BYPASS US 401  
WAKE COUNTY  
TIP #: R-2814B (L)

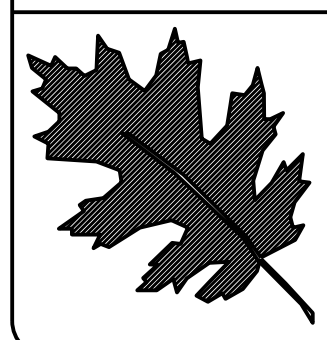
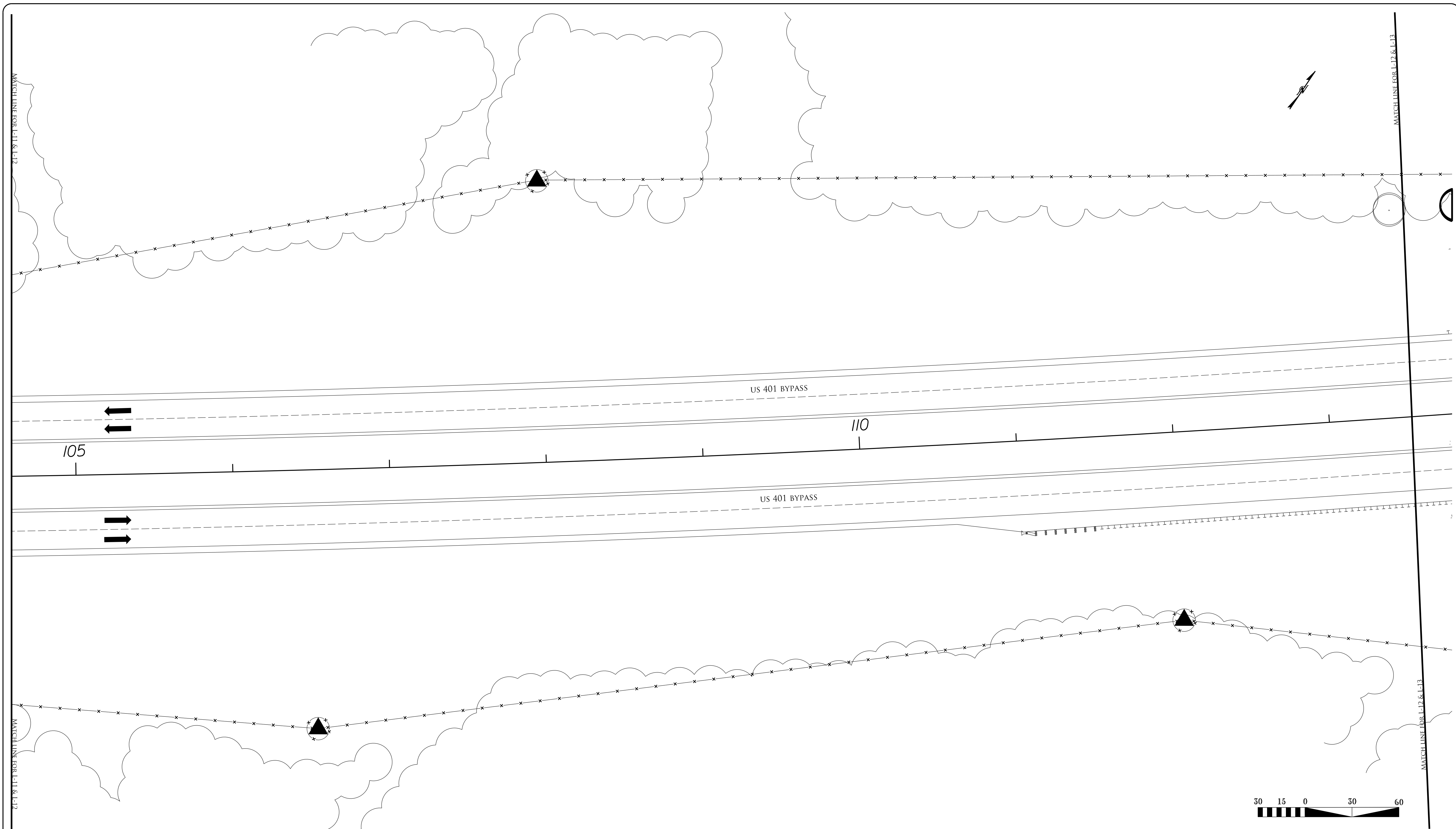
PREP. DESIGNER  
*Kyle Cooney*

SHEET DESCRIPTION:  
PREL. DESIGN DATE: JAN 11, 2016  
CHECKED BY & DATE:  
FINAL DESIGN DATE: JUNE 27, 2016

PLANTING PLAN  
LANDSCAPE PLAN SHEET



T.I.P. # R-2814B (L)  
WBS # 34506.3.11  
FED I.D. # STP-0401(262)  
SHEET NO.: **L-11** TOTAL SHEET NO.: **31**



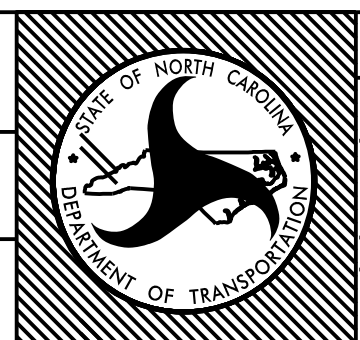
NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-707-2935 FAX: 919-715-2554  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/doh/operations/dp_chief_eng/roadside/)

ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

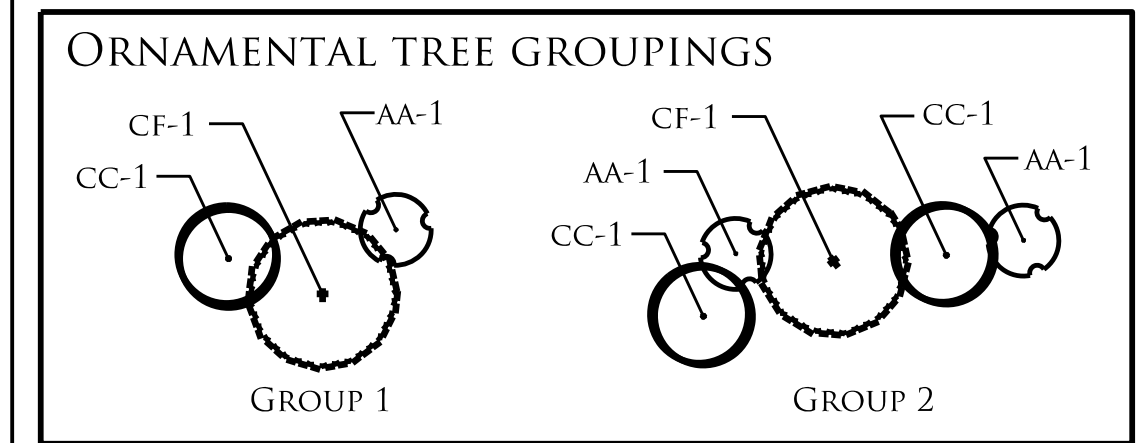
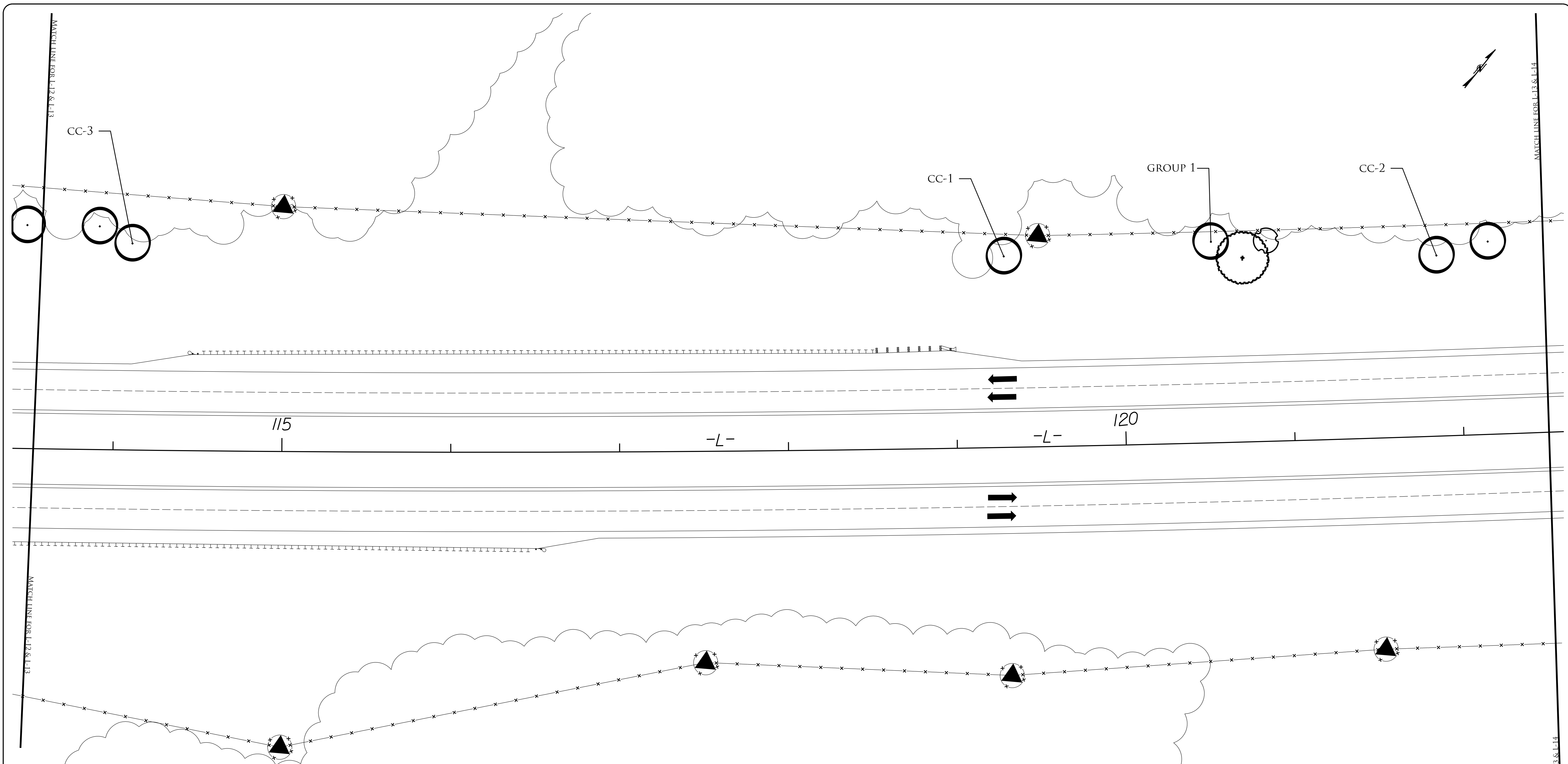
PREP. DESIGNER  
*Kyle Cooper*

SHEET DESCRIPTION:	PREL. DESIGN DATE: JAN 11, 2016
	CHECKED BY & DATE:
	FINAL DESIGN DATE: JUNE 27, 2016

PLANTING PLAN  
 LANDSCAPE PLAN SHEET



T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: **L-12** TOTAL SHEET NO.: **31**



NOTE:  
MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
1	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
7	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.



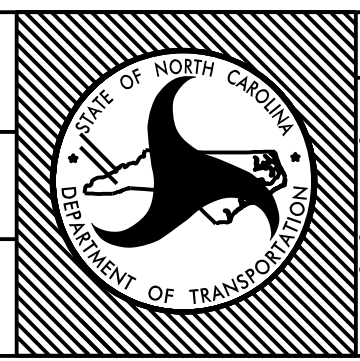
NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-707-2935 FAX: 919-715-2554  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

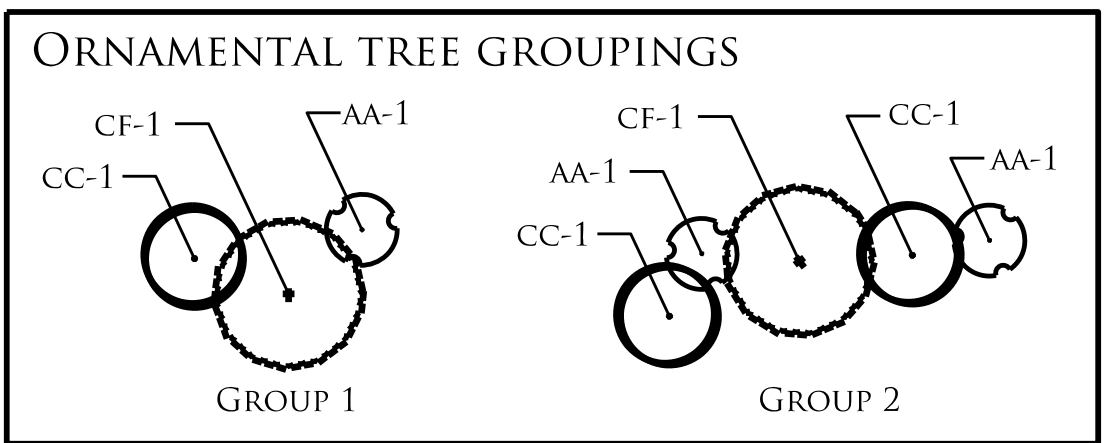
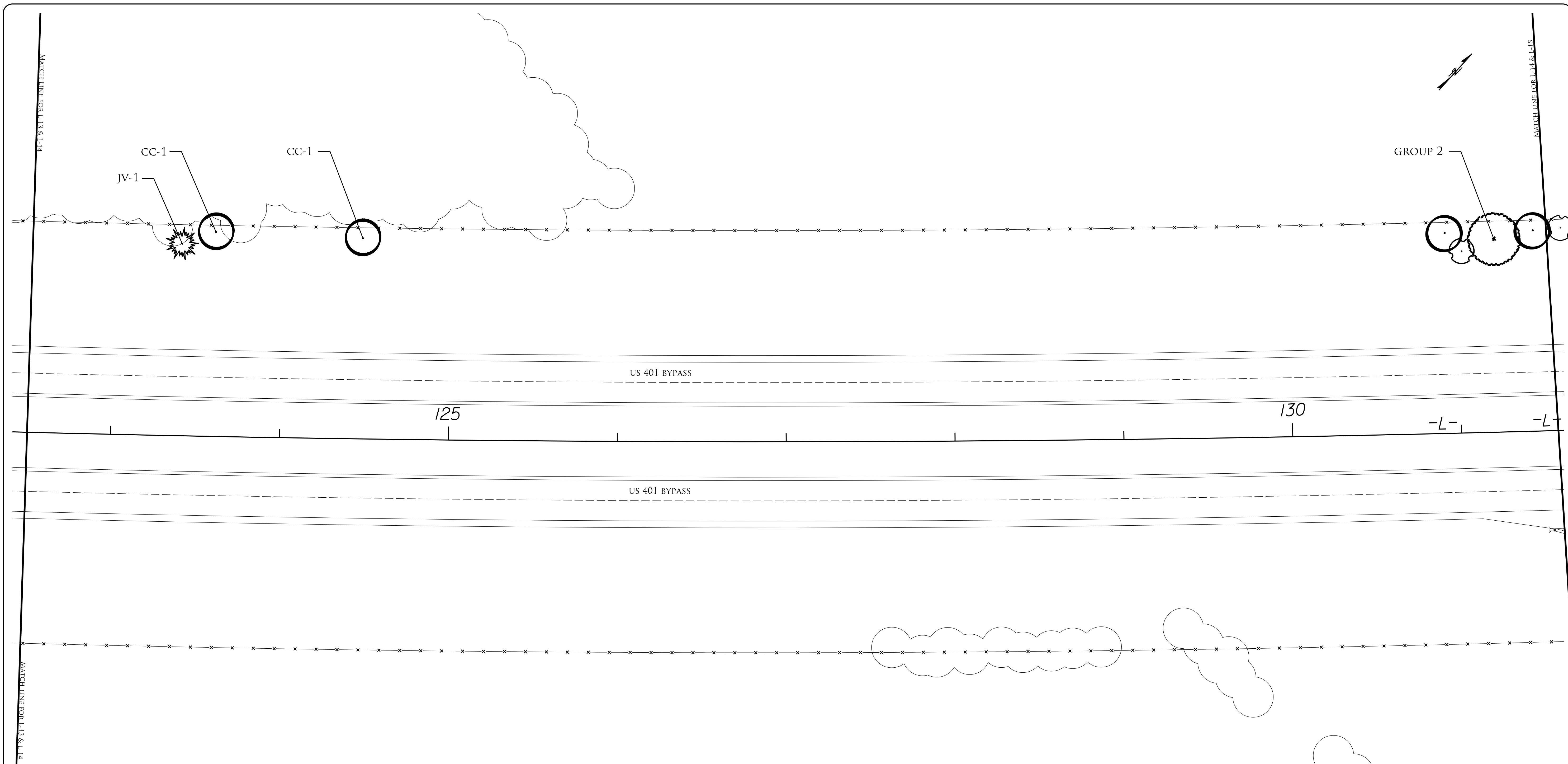
PREPARED BY: *Kyle Cooney*

SHEET DESCRIPTION:  
 PREL. DESIGN DATE: JAN 11, 2016  
 CHECKED BY & DATE:  
 FINAL DESIGN DATE: JUNE 27, 2016

PLANTING PLAN  
 LANDSCAPE PLAN SHEET

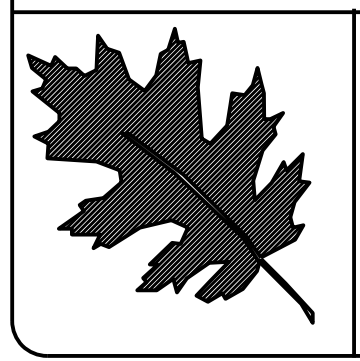


T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: **L-13** TOTAL SHEET NO.: **31**



NOTE: MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
2	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
4	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN



NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT  
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 PH: 919-707-2935 FAX: 919-715-2554  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

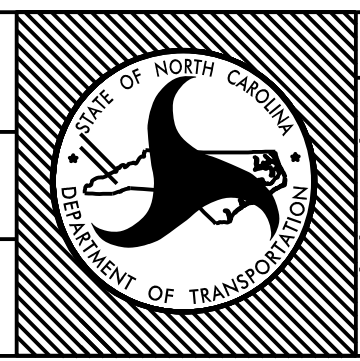
**ROLESVILLE BYPASS US 401  
 WAKE COUNTY**  
 TIP #: R-2814B (L)

PREPARED BY: *Kyle Cooney*

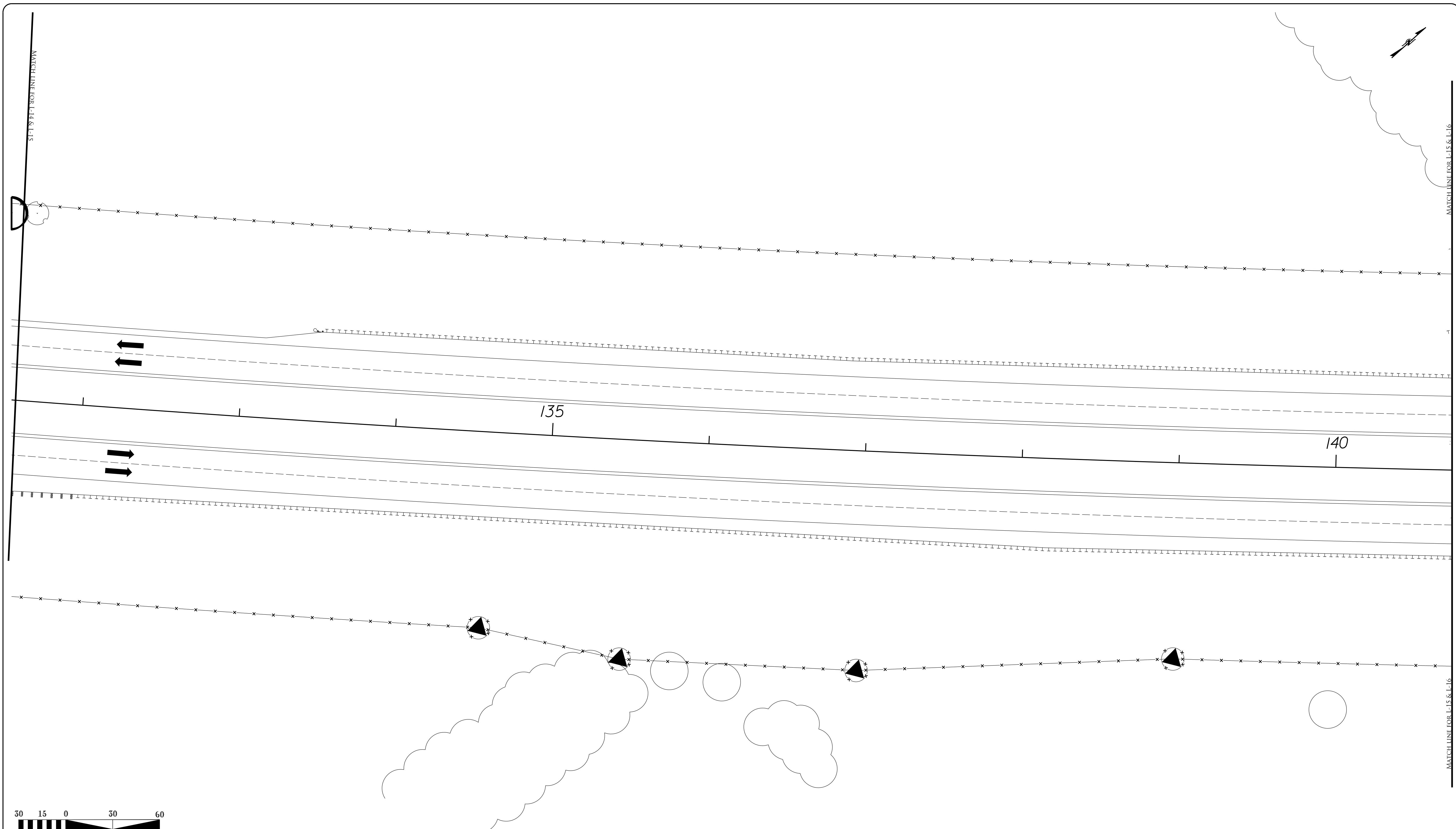
SHEET DESCRIPTION:

PREL. DESIGN DATE:	JAN 11, 2016
CHECKED BY & DATE:	
FINAL DESIGN DATE:	JUNE 27, 2016

PLANTING PLAN  
 LANDSCAPE PLAN SHEET



T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: **L-14** TOTAL SHEET NO.: **31**



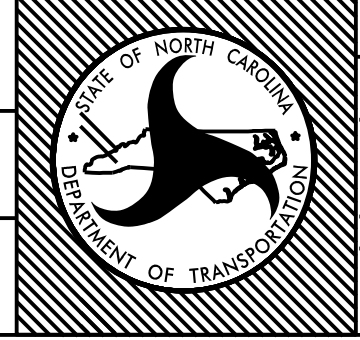
NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-707-2935 FAX: 919-715-2554  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

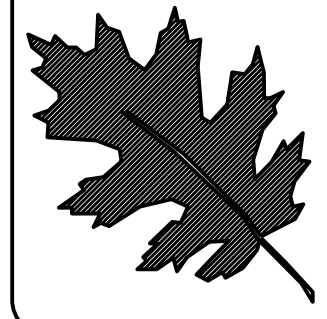
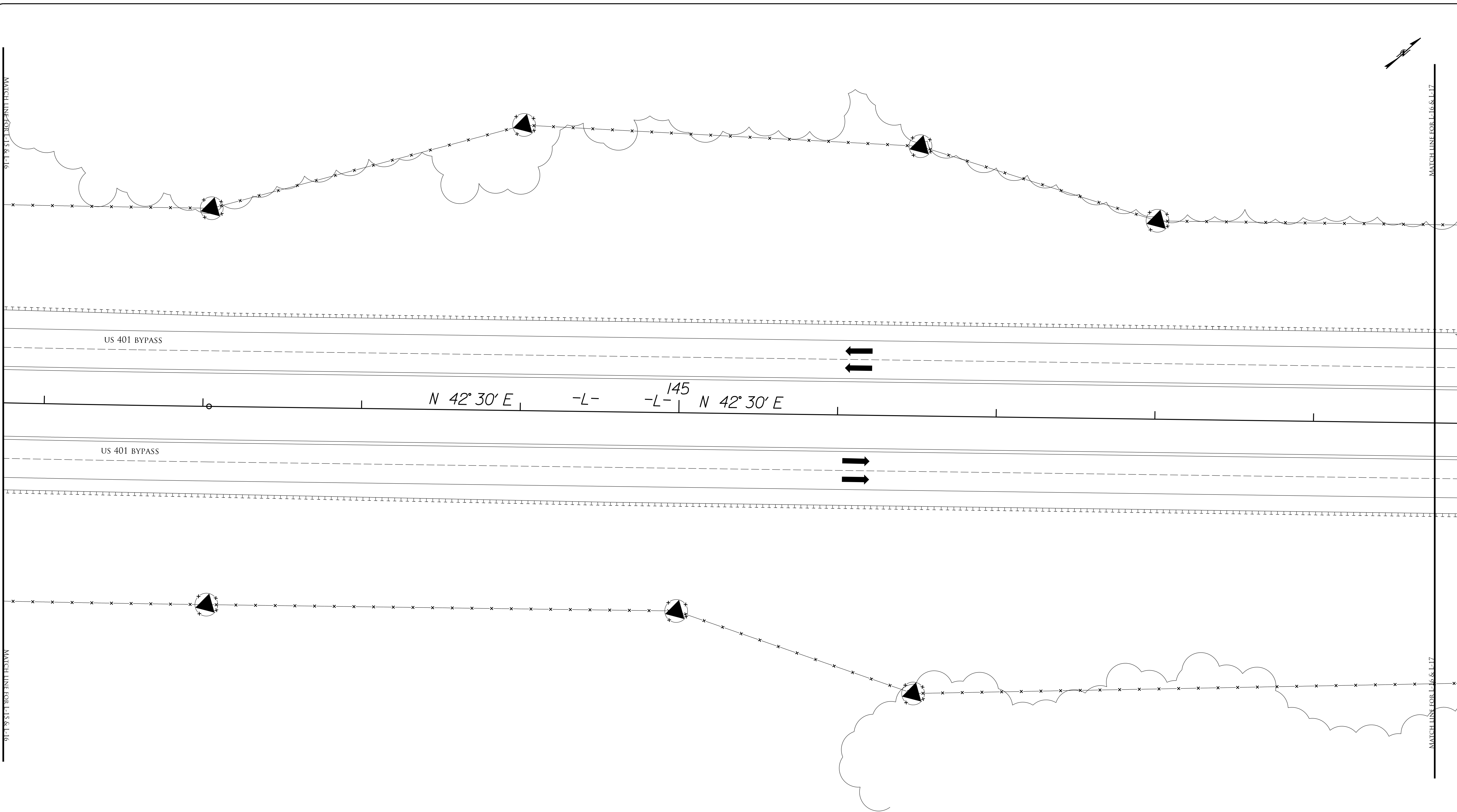
PREPARED BY  
*Kyle Cooper*

SHEET DESCRIPTION:	PREL. DESIGN DATE: JAN 11, 2016
	CHECKED BY & DATE:
	FINAL DESIGN DATE: JUNE 27, 2016

PLANTING PLAN  
 LANDSCAPE PLAN SHEET



T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: **L-15** TOTAL SHEET NO.: **31**



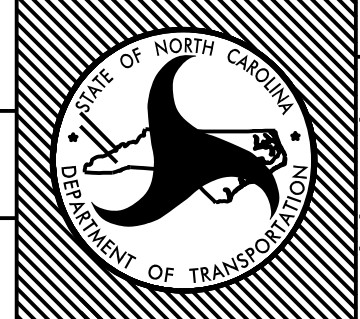
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 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-707-2935 FAX: 919-715-2554  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

PREP. DESIGNER  
*Kyle Cooper*

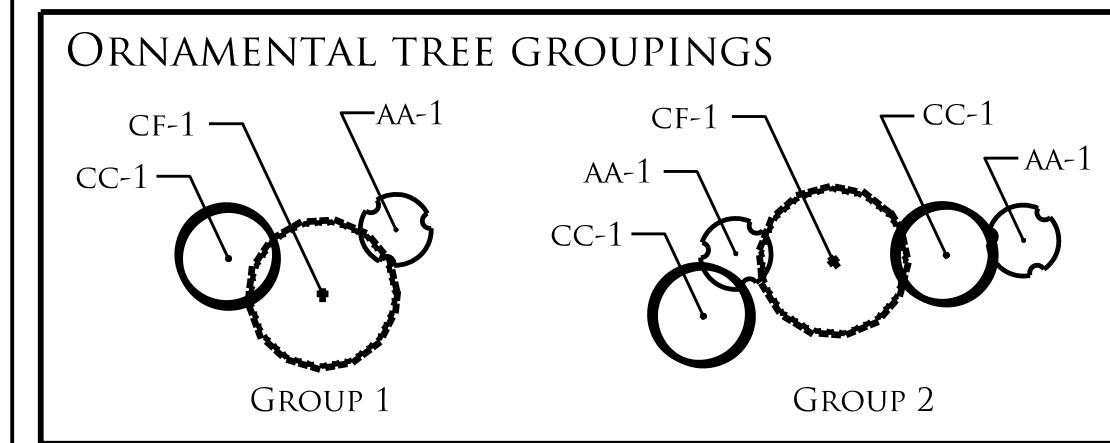
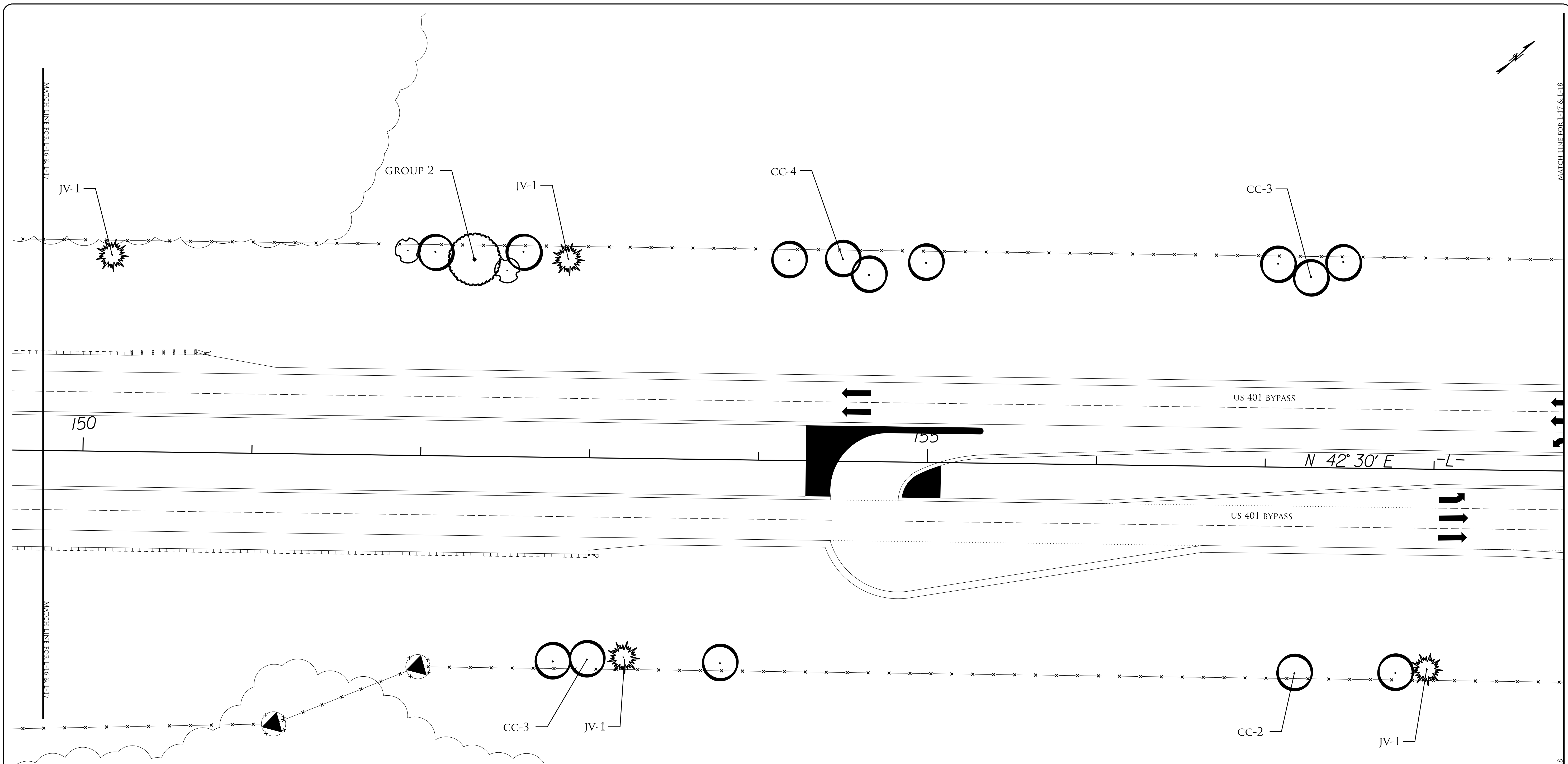
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	FINAL DESIGN DATE: JUNE 27, 2016

PLANTING PLAN  
 LANDSCAPE PLAN SHEET



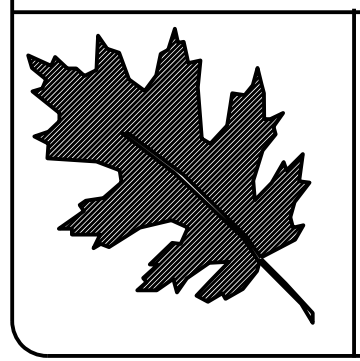
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WBS # 34506.3.11
FED I.D. # STP-0401(262)
SHEET NO.: <b>L-16</b> TOTAL SHEET NO.: <b>31</b>





NOTE: MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
2	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
14	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
4	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN



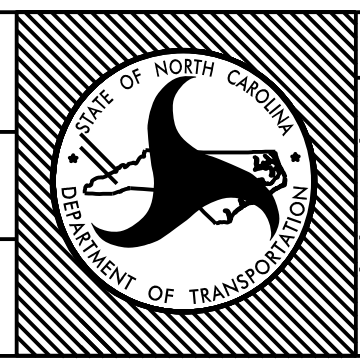
NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-707-2935 FAX: 919-715-2554  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

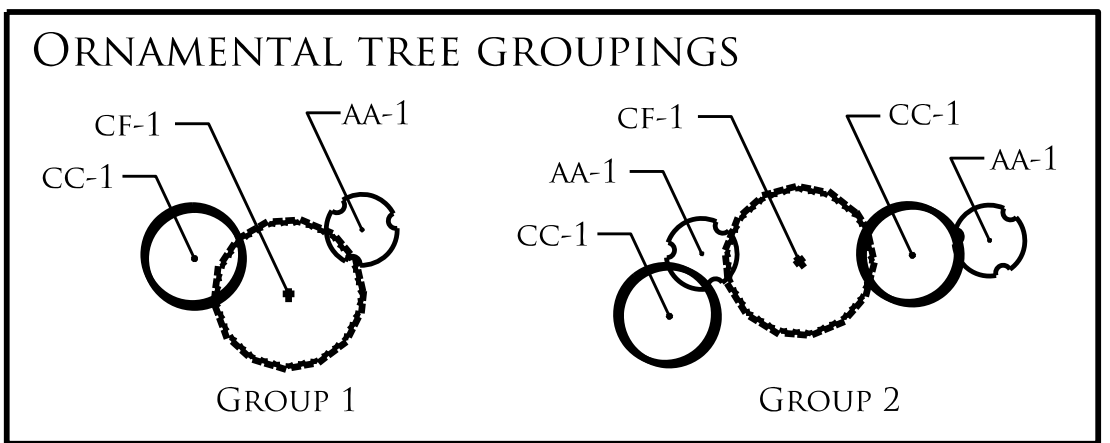
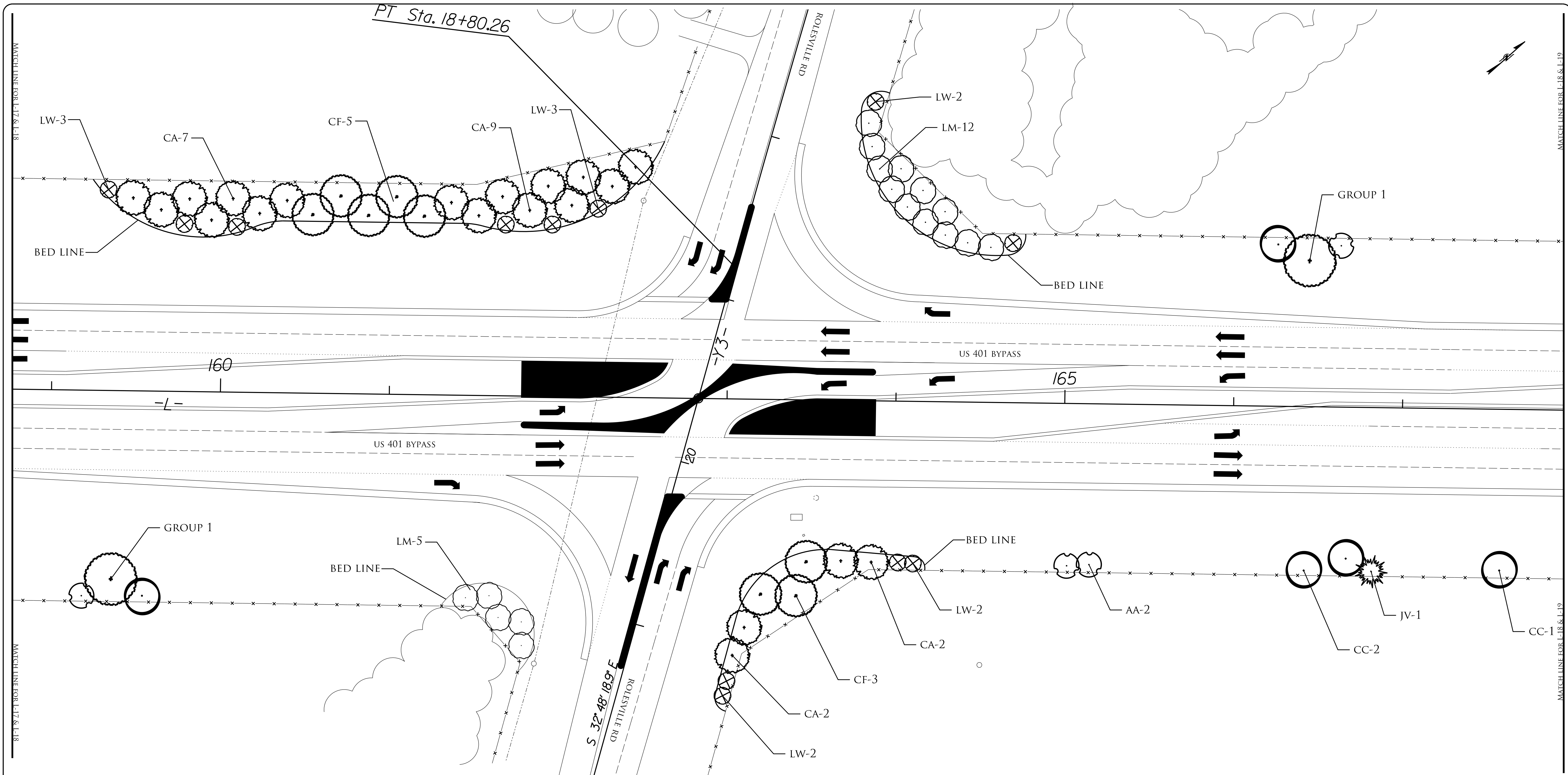
PREP. DESIGNER

SHEET DESCRIPTION:  
 PREL. DESIGN DATE: JAN 11, 2016  
 CHECKED BY & DATE:  
 FINAL DESIGN DATE: JUNE 27, 2016

PLANTING PLAN  
 LANDSCAPE PLAN SHEET



T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: L-17 TOTAL SHEET NO.: 31



**NOTE:**  
MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
4	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
20	CA	CERCIS CANADENSIS 'APPALACHIAN RED'	APPALACHIAN RED EASTERN REDBUD	18' O.C.
5	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
10	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN
17	LM	LAGERSTROEMIA INDICA X FAURIEI 'MUSKOGEE'	MUSKOGEE CRAPE MYRTLE	14' O.C.
12	LW	LAGERSTROEMIA INDICA X FAURIEI 'WHITE CHOCOLATE' OR 'ACOMA'	WHITE CHOCOLATE OR ACOMA CRAPE MYRTLE	9' O.C.



**NCDOT - ROADSIDE ENVIRONMENTAL UNIT**  
**LANDSCAPE DESIGN & DEVELOPMENT**  
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[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

**ROLESVILLE BYPASS US 401**  
**WAKE COUNTY**  
 TIP #: R-2814B (L)

REV. DESIGNER

**SHEET DESCRIPTION:**

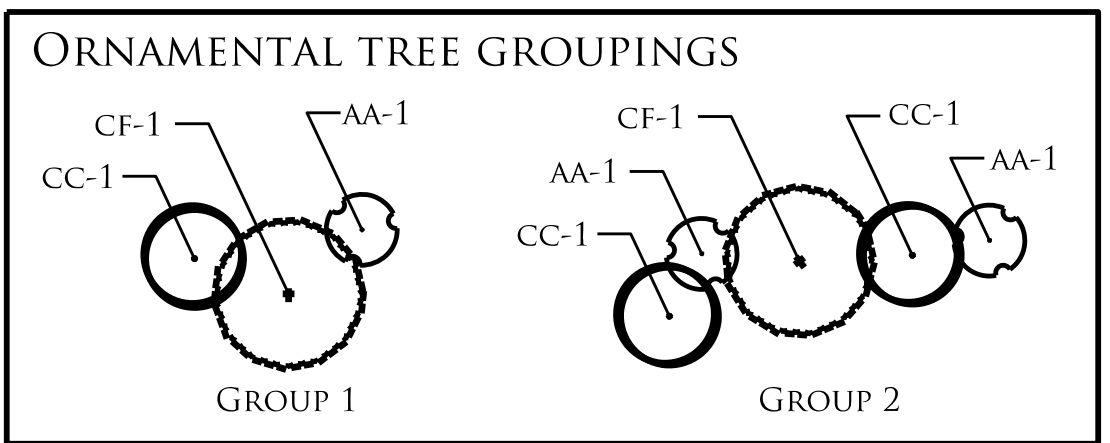
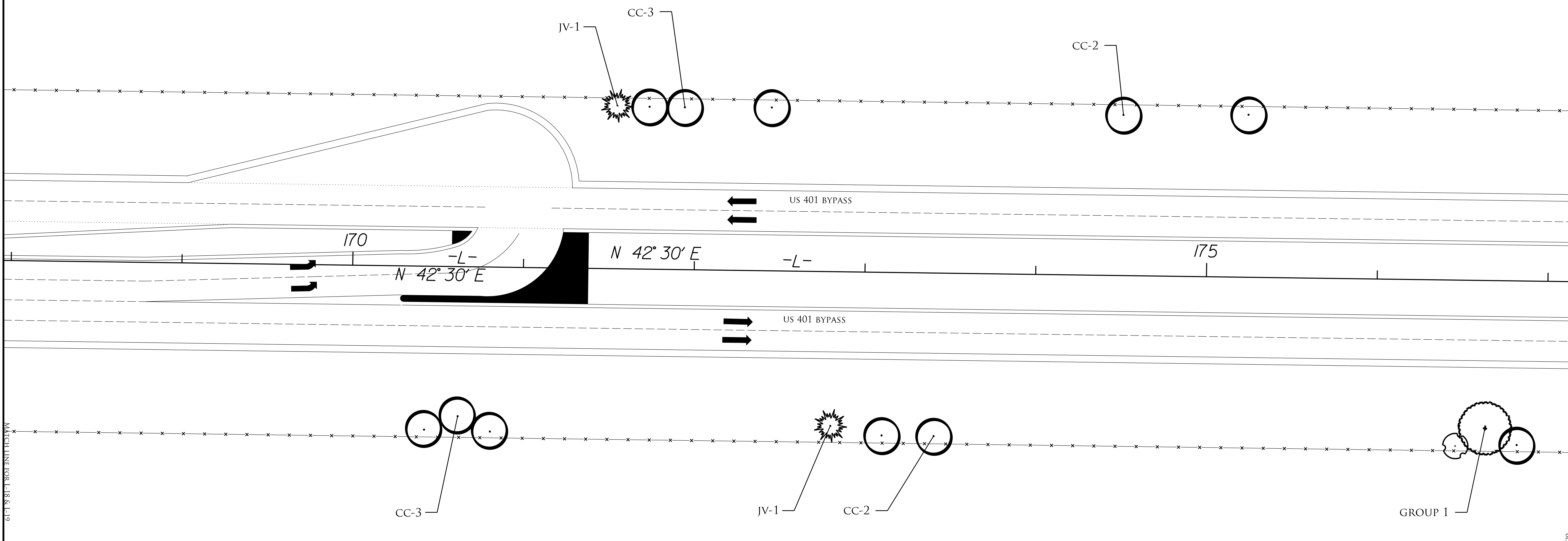
PREL. DESIGN DATE: JAN 11, 2016  
 CHECKED BY & DATE:  
 FINAL DESIGN DATE: JUNE 27, 2016

**PLANTING PLAN**  
**LANDSCAPE PLAN SHEET**

T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: **L-18** TOTAL SHEET NO.: **31**

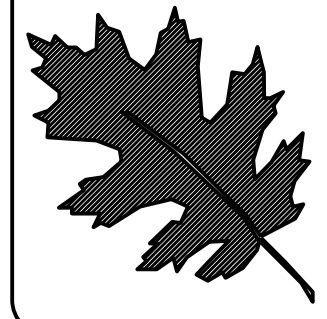
MATCH LINE FOR L-18 & L-19

MATCH LINE FOR L-19 & L-20



NOTE: MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
1	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
11	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN



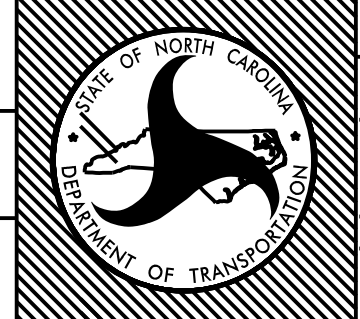
NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-707-2935 FAX: 919-715-2554  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

PREP. DESIGNER

SHEET DESCRIPTION:  
 PREL. DESIGN DATE: JAN 11, 2016  
 CHECKED BY & DATE:  
 FINAL DESIGN DATE: JUNE 27, 2016

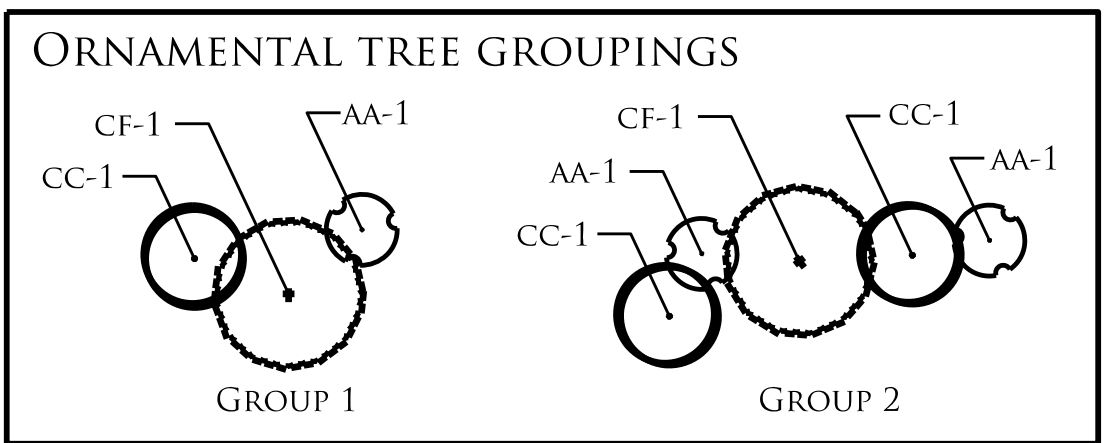
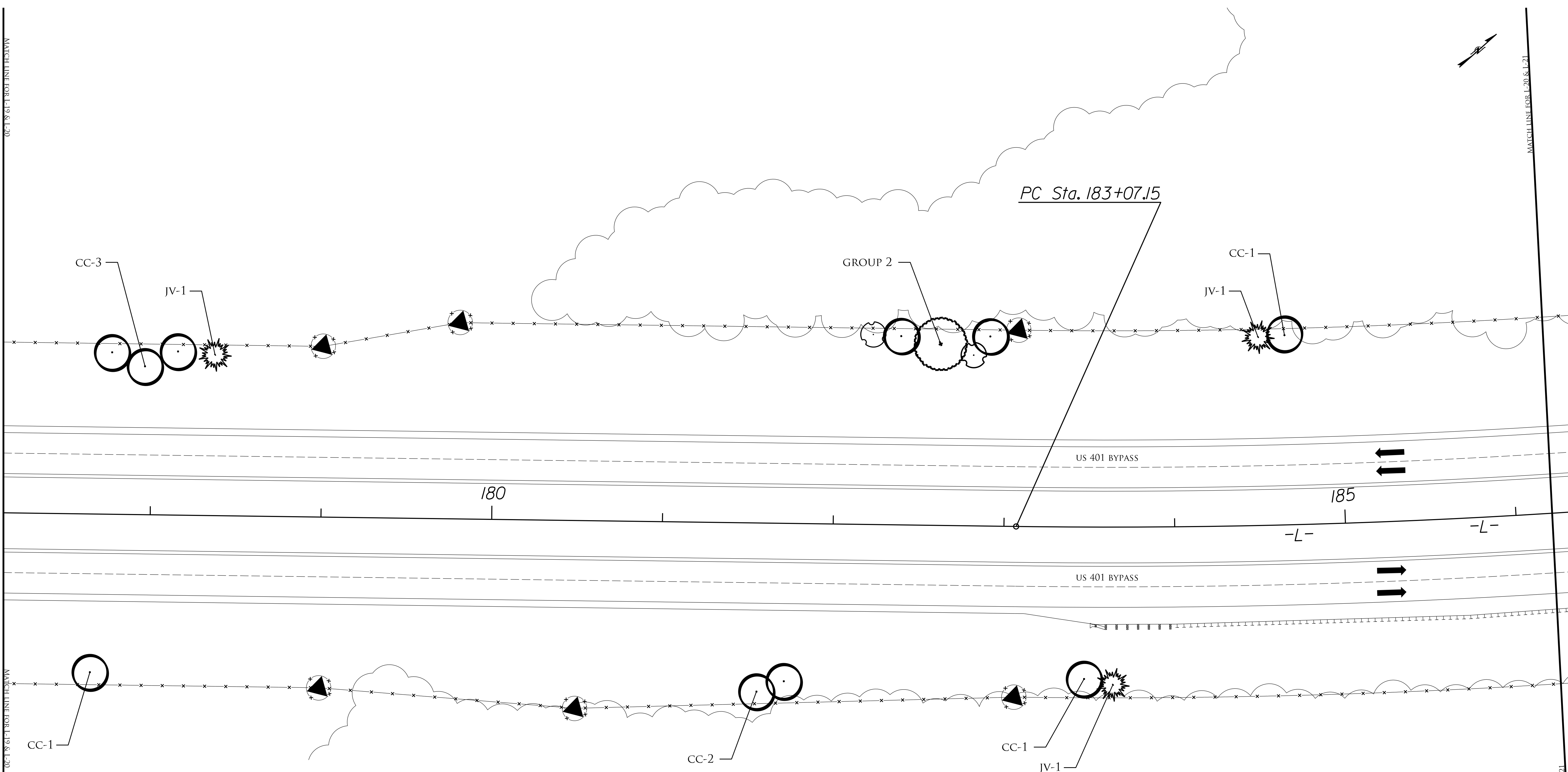
PLANTING PLAN  
 LANDSCAPE PLAN SHEET



T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: **L-19** TOTAL SHEET NO.: **31**

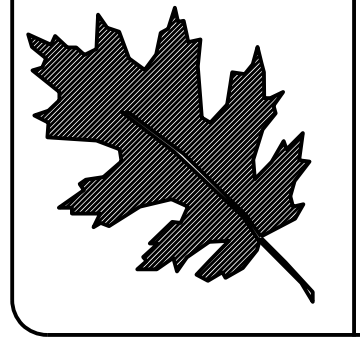
MATCH LINE FOR L-18 & L-19

MATCH LINE FOR L-19 & L-20



NOTE: MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
2	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
10	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
3	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN



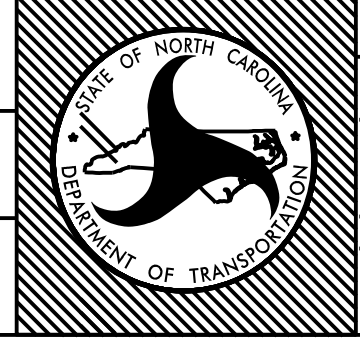
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 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-707-2935 FAX: 919-715-2554  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

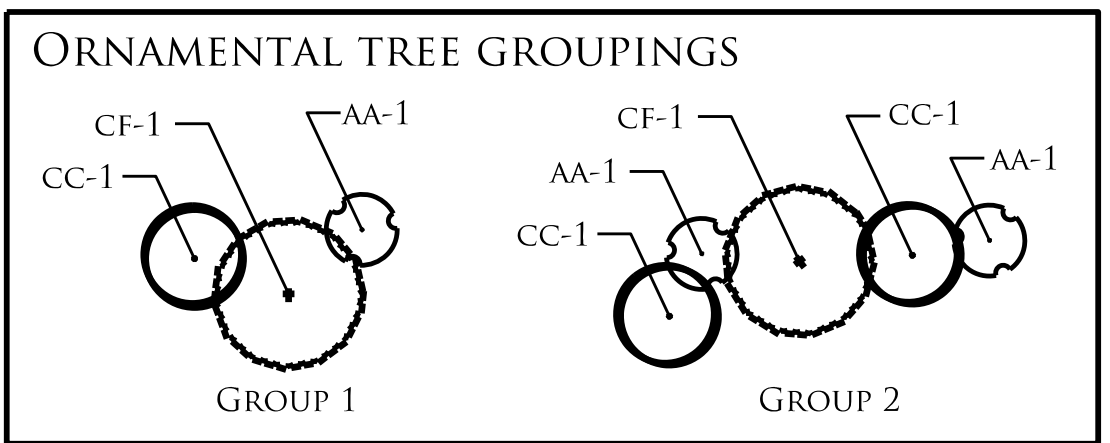
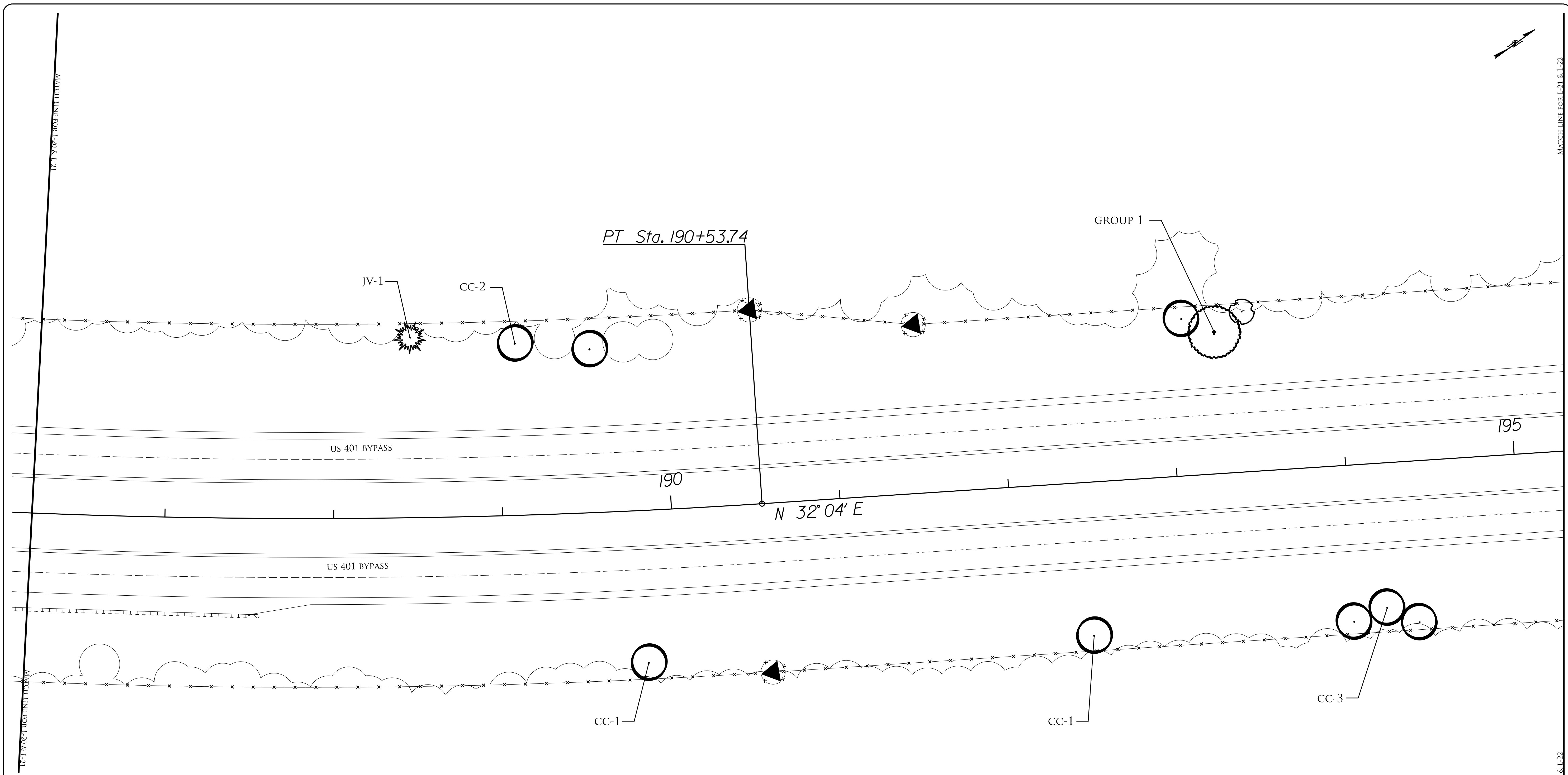
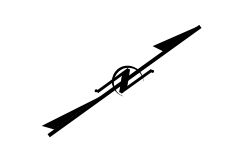
PREPARED BY: REU DESIGNER  
*Kyle Cooney*

PREL. DESIGN DATE:	JAN 11, 2016
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FINAL DESIGN DATE:	JUNE 27, 2016

PLANTING PLAN  
 LANDSCAPE PLAN SHEET

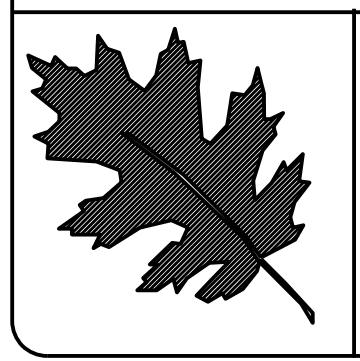


T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO. TOTAL SHEET NO.:  
**L-20 31**



NOTE: MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
1	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
8	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN



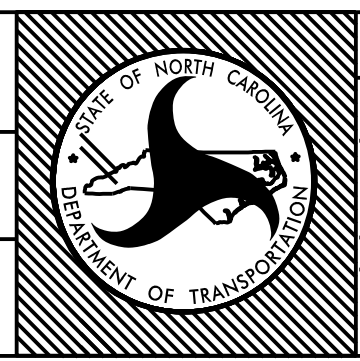
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**ROLESVILLE BYPASS US 401  
 WAKE COUNTY**  
 TIP #: R-2814B (L)

PREPARED BY: REU DESIGNER  
*Kyle Cooney*

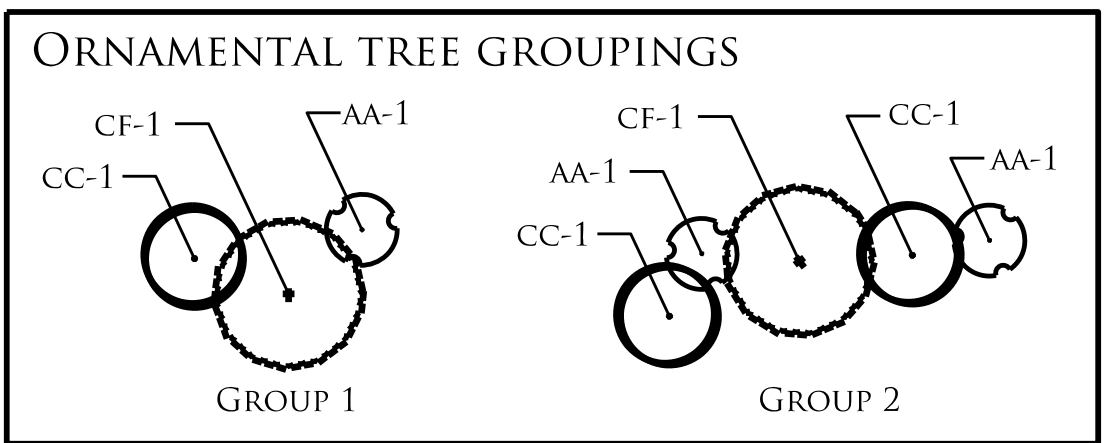
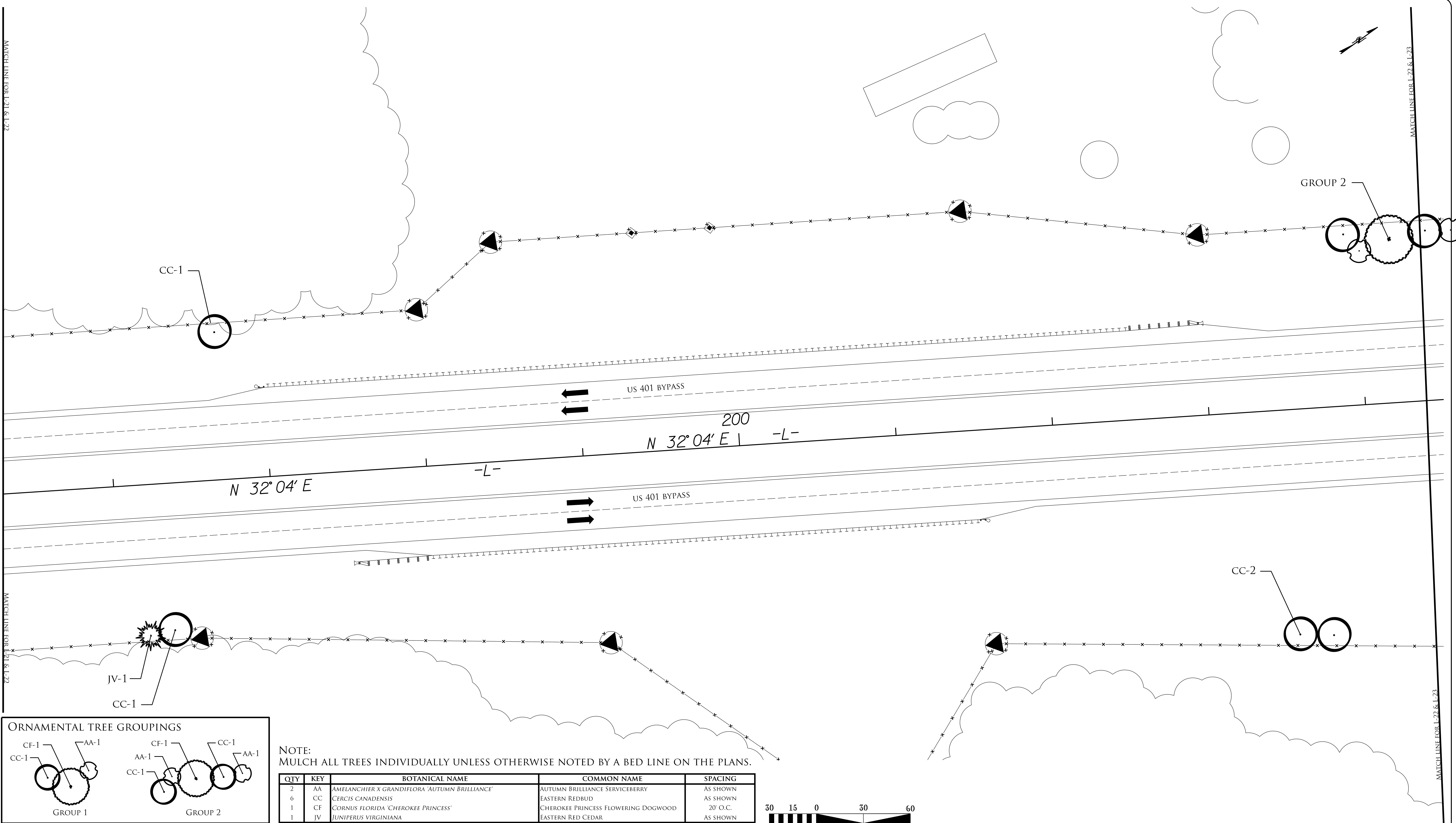
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 CHECKED BY & DATE:  
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PLANTING PLAN  
 LANDSCAPE PLAN SHEET



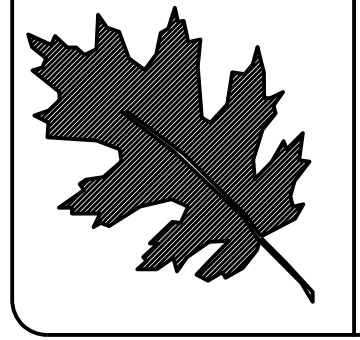
T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: **L-21** TOTAL SHEET NO.: **31**

MATCH LINE FOR L-21 & L-22



NOTE: MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
2	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
6	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN



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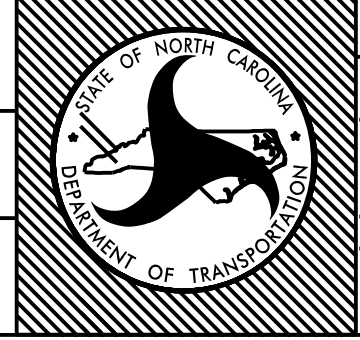
**ROLESVILLE BYPASS US 401  
 WAKE COUNTY**  
 TIP #: R-2814B (L)

PREPARED BY: *Kyle Cooney*

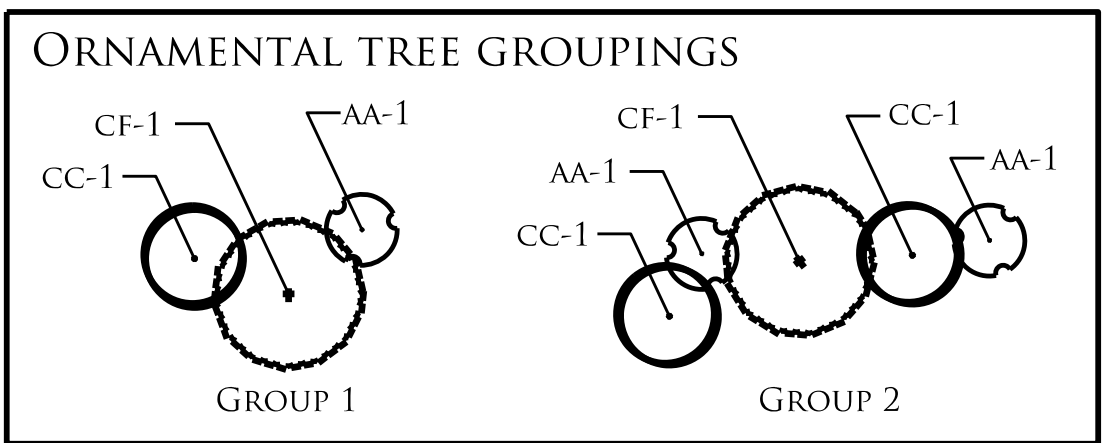
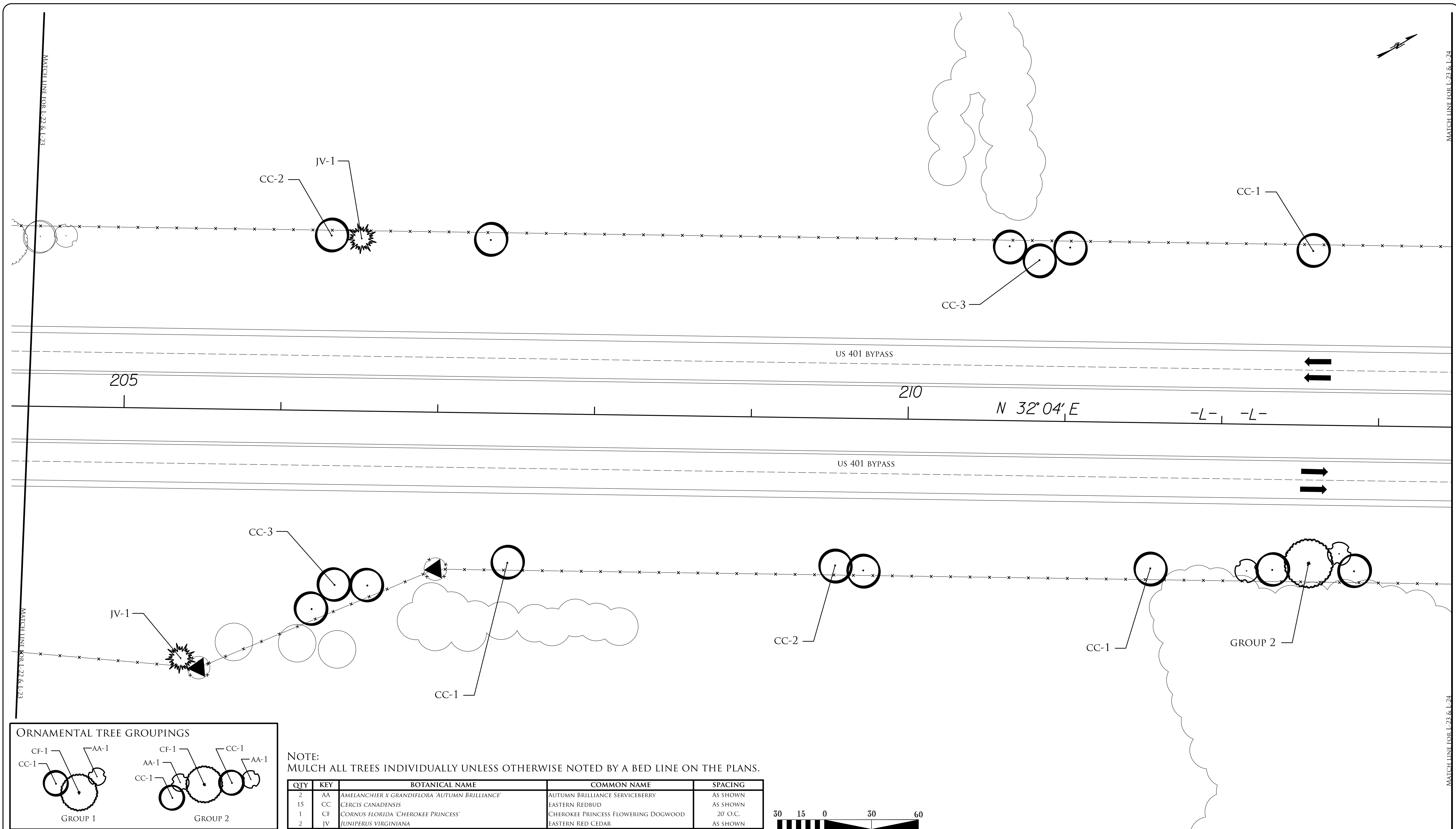
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PREL. DESIGN DATE:	JAN 11, 2016
CHECKED BY & DATE:	
FINAL DESIGN DATE:	JUNE 27, 2016

PLANTING PLAN  
 LANDSCAPE PLAN SHEET

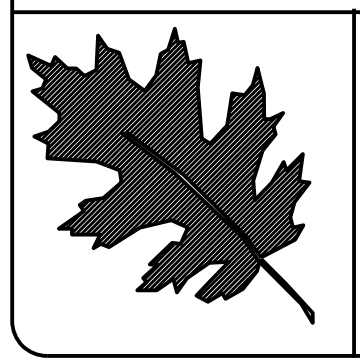


T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: **L-22** TOTAL SHEET NO.: **31**



NOTE: MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
2	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
15	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN



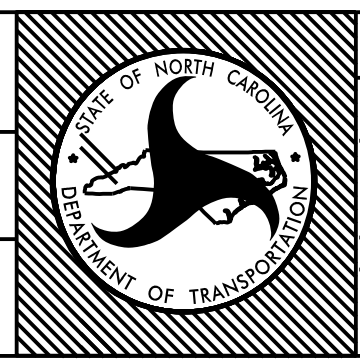
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ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

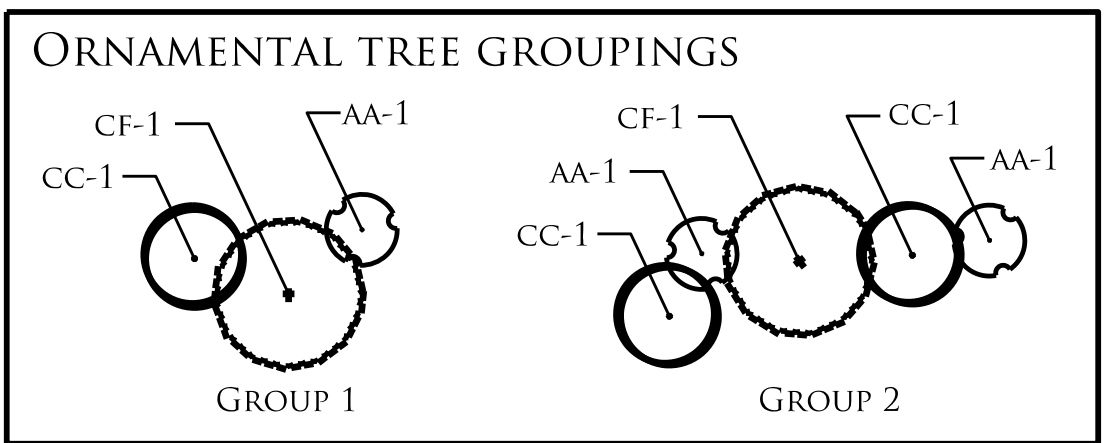
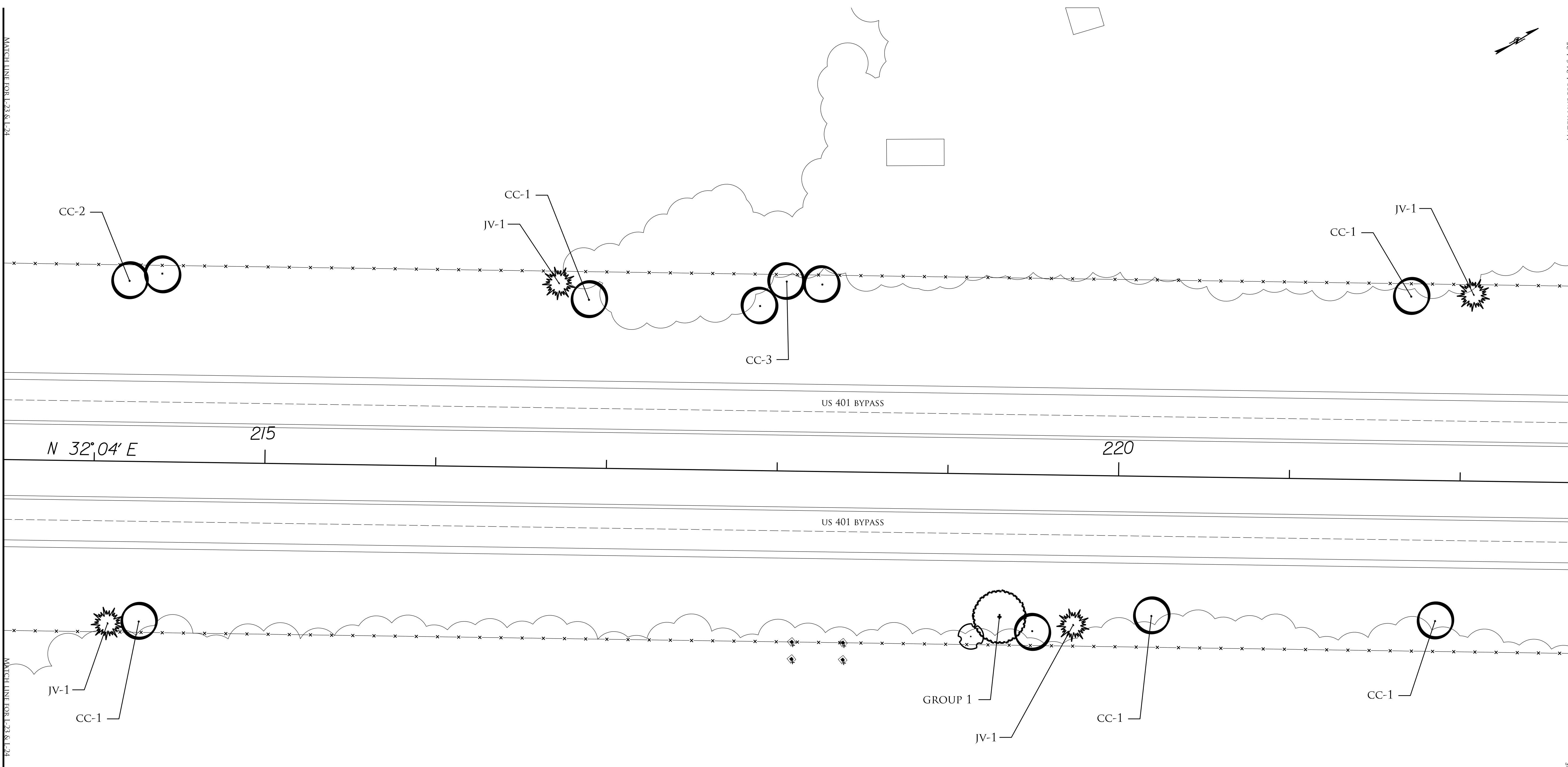
PREPARED BY: KYLE COOPER  
 REU. DESIGNER

SHEET DESCRIPTION:  
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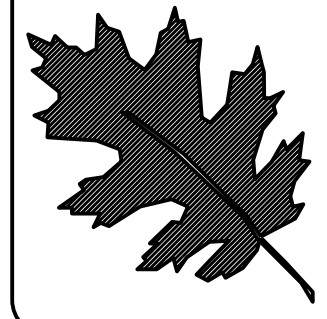


T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: L-23 TOTAL SHEET NO.: 31



NOTE: MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
1	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
11	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
4	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN



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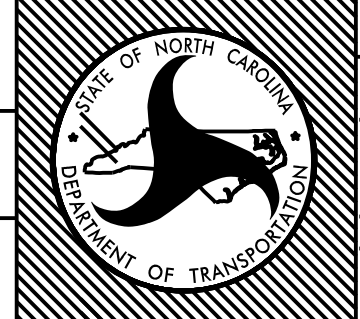
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 WAKE COUNTY  
 TIP #: R-2814B (L)

PREP. DESIGNER

SHEET DESCRIPTION:

PREL. DESIGN DATE:	JAN 11, 2016
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FINAL DESIGN DATE:	JUNE 27, 2016

PLANTING PLAN
LANDSCAPE PLAN SHEET

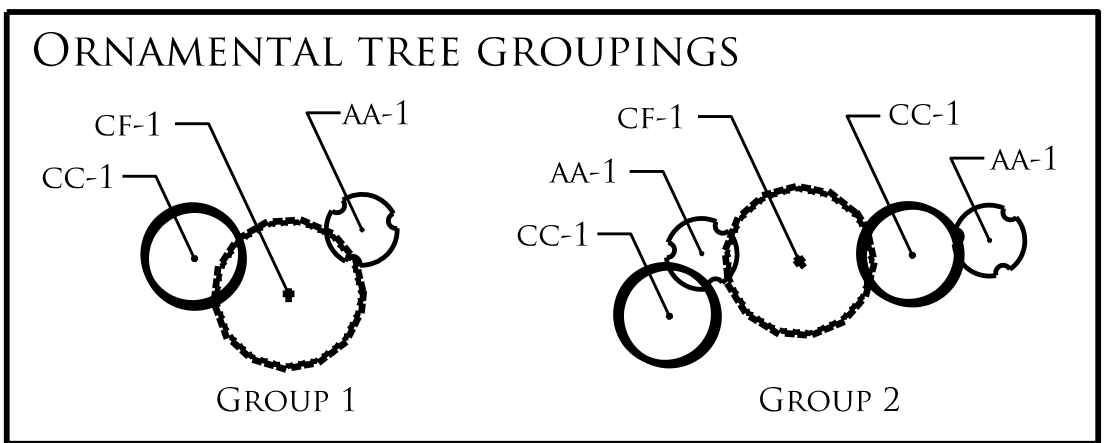
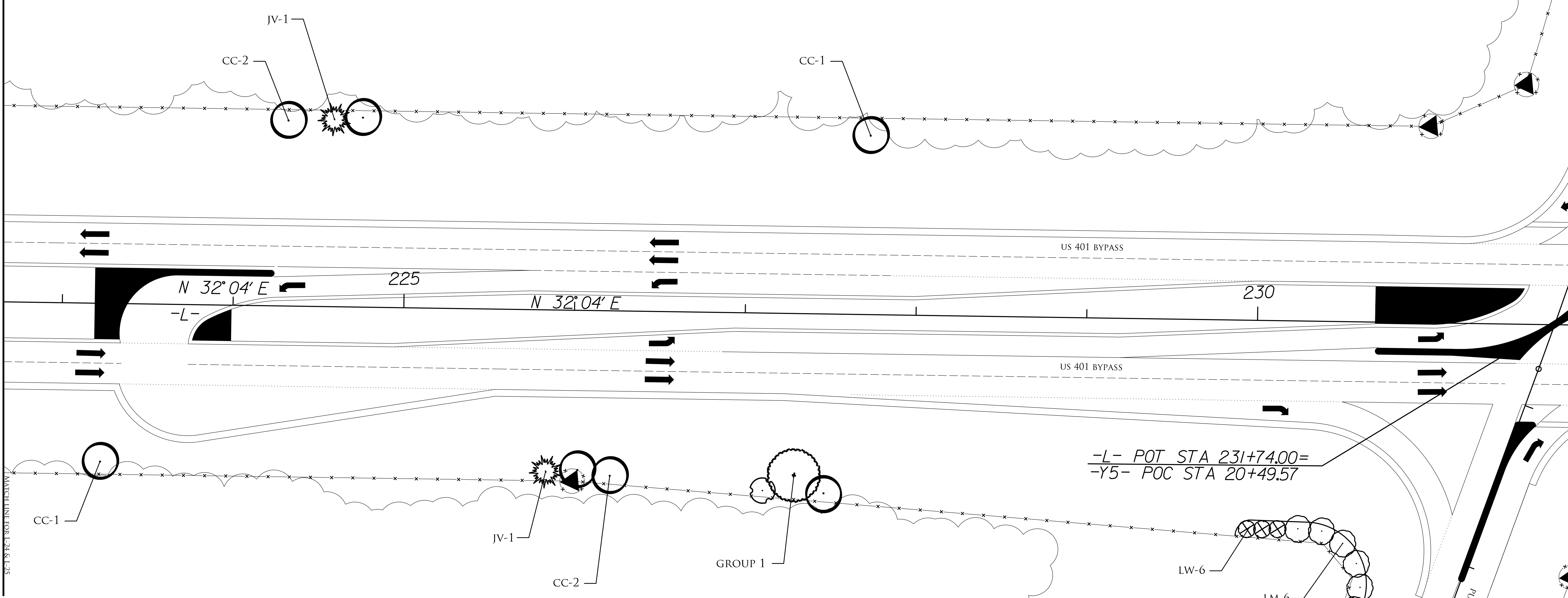


T.I.P. # R-2814B (L)
WBS # 34506.3.11
FED I.D. # STP-0401(262)
SHEET NO. TOTAL SHEET NO.: L-24 31



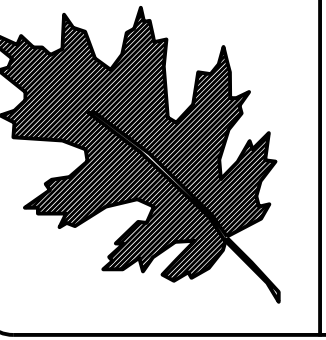
MATCH LINE FOR L-24 & L-25

MATCH LINE FOR L-25 & L-26



**NOTE:**  
MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
1	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
7	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN
6	LM	LAGERSTROEMIA INDICA X FAURIEI 'MUSKOGEE'	MUSKOGEE CRAPE MYRTLE	14' O.C.
6	LW	LAGERSTROEMIA INDICA X FAURIEI 'WHITE CHOCOLATE' OR 'ACOMA'	WHITE CHOCOLATE OR ACOMA CRAPE MYRTLE	9' O.C.



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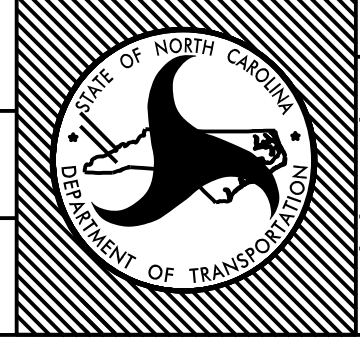
ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

PREP. DESIGNER

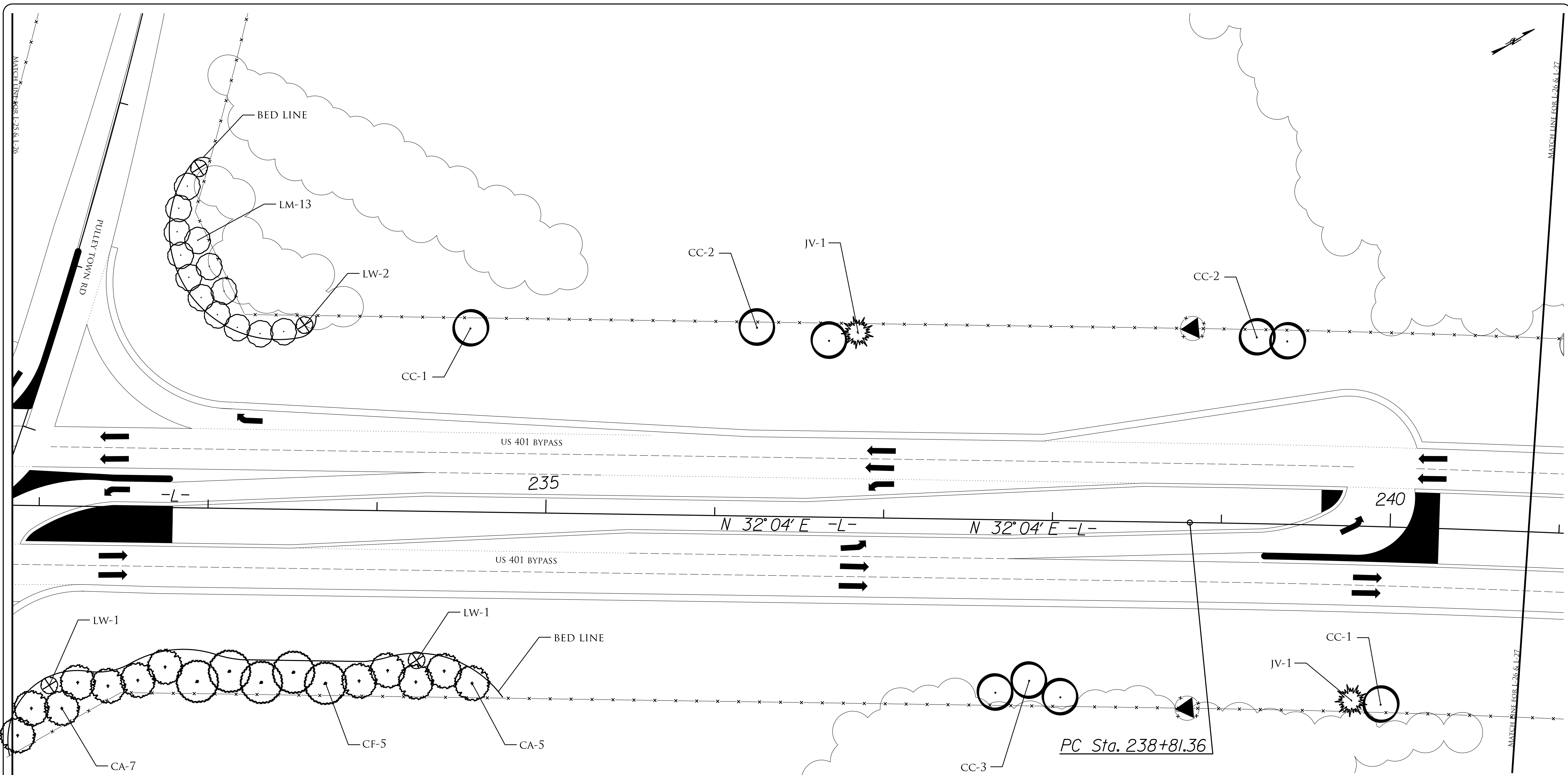
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PLANTING PLAN  
 LANDSCAPE PLAN SHEET

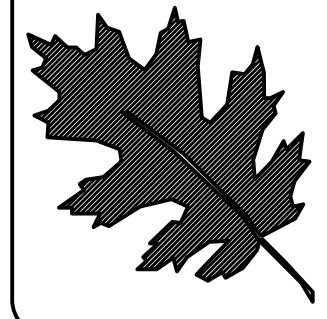


T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO. TOTAL SHEET NO.:  
**L-25 31**



NOTE:  
MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
12	CA	CERCIS CANADENSIS 'APPALACHIAN RED'	APPALACHIAN RED EASTERN REDBUD	18' O.C.
9	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
5	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN
13	LM	LAGERSTROEMIA INDICA X FAURIEI 'MUSKOGEE'	MUSKOGEE CRAPE MYRTLE	14' O.C.
4	LW	LAGERSTROEMIA INDICA X FAURIEI 'WHITE CHOCOLATE' OR 'ACOMA'	WHITE CHOCOLATE OR ACOMA CRAPE MYRTLE	9' O.C.



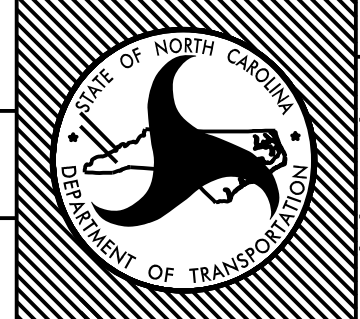
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ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

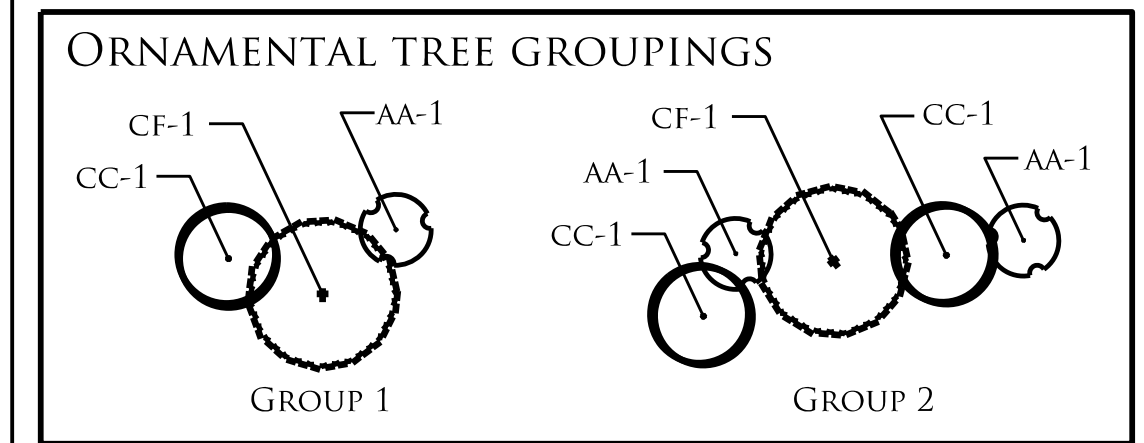
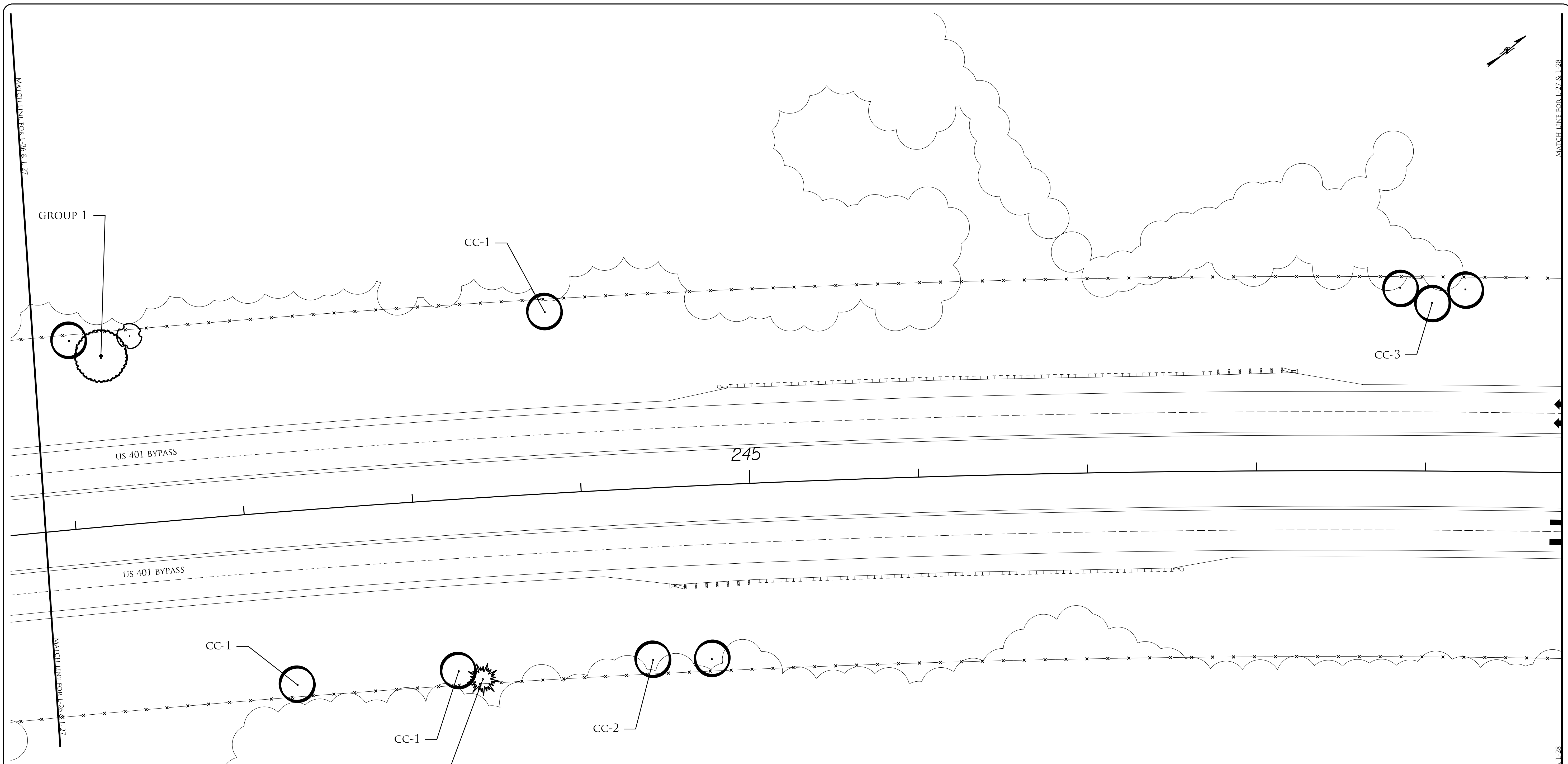
PREP. DESIGNER  
*Kyle Cooper*

SHEET DESCRIPTION:  
 PREL. DESIGN DATE: JAN 11, 2016  
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PLANTING PLAN  
 LANDSCAPE PLAN SHEET



T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: **L-26** TOTAL SHEET NO.: **31**



NOTE: MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
1	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
9	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN



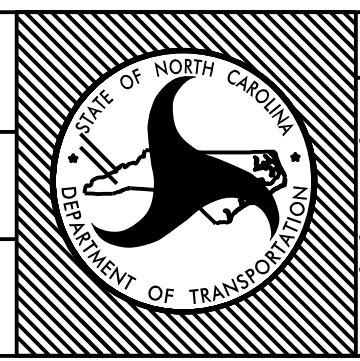
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ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

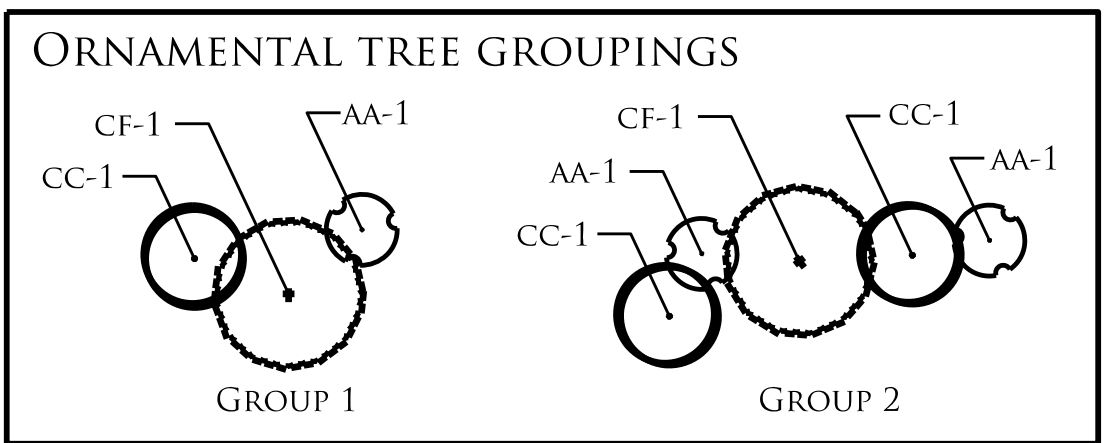
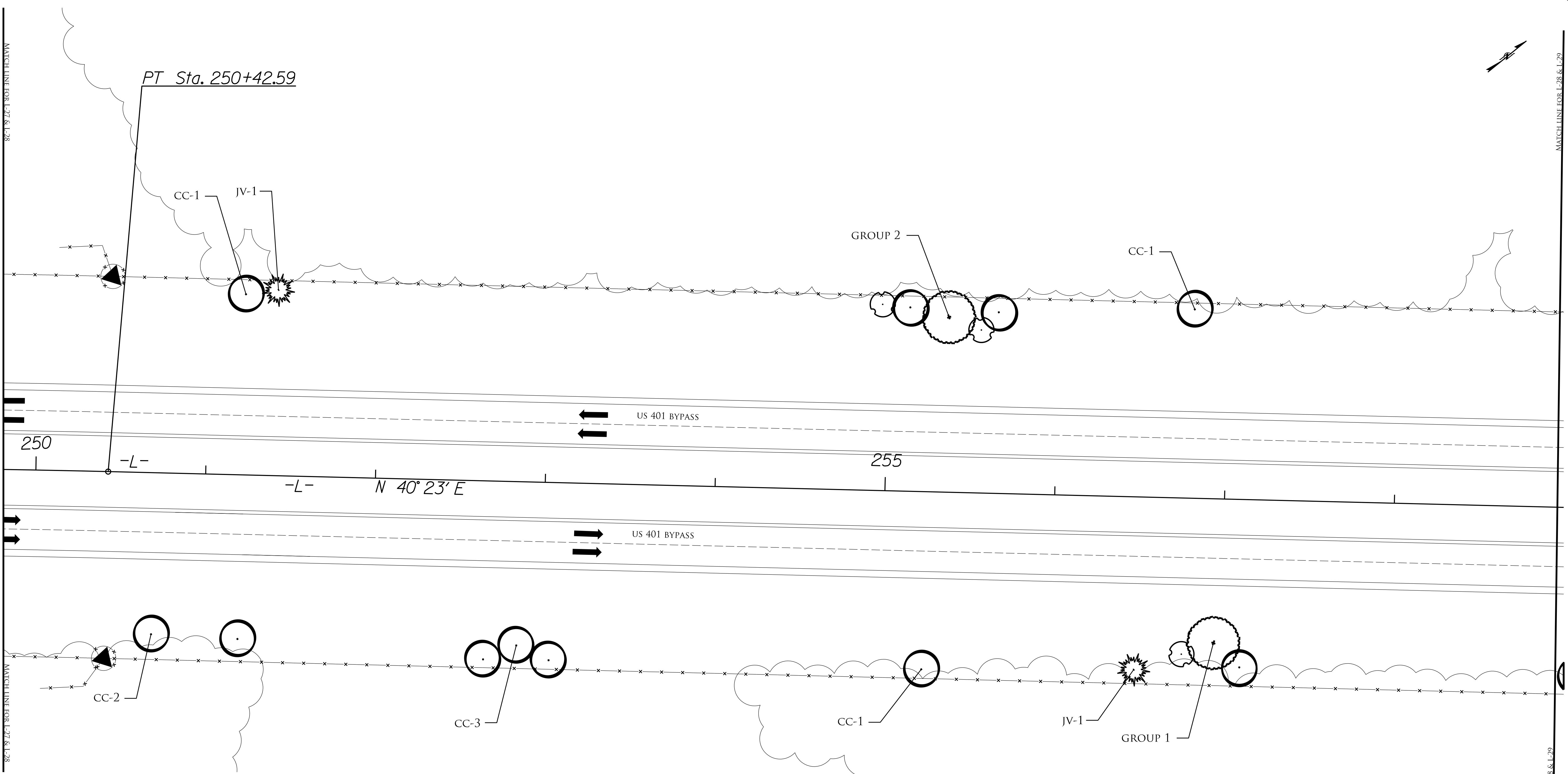
REV. DESIGNER  
*Kyle Cooper*

SHEET DESCRIPTION:  
 PREL. DESIGN DATE: JAN 11, 2016  
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 LANDSCAPE PLAN SHEET



T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO. TOTAL SHEET NO.:  
**L-27 31**



NOTE: MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
3	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
11	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
2	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN



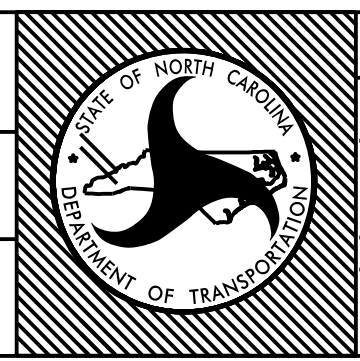
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**ROLESVILLE BYPASS US 401  
 WAKE COUNTY**  
 TIP #: R-2814B (L)

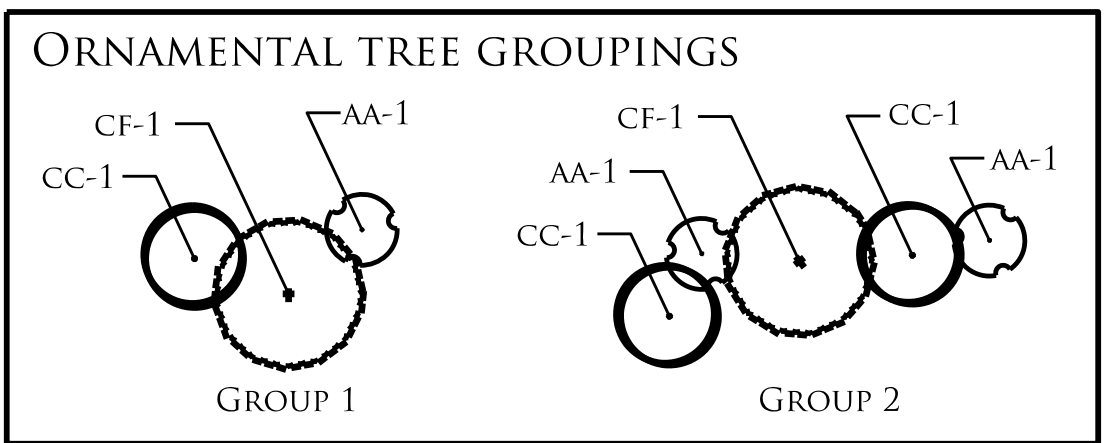
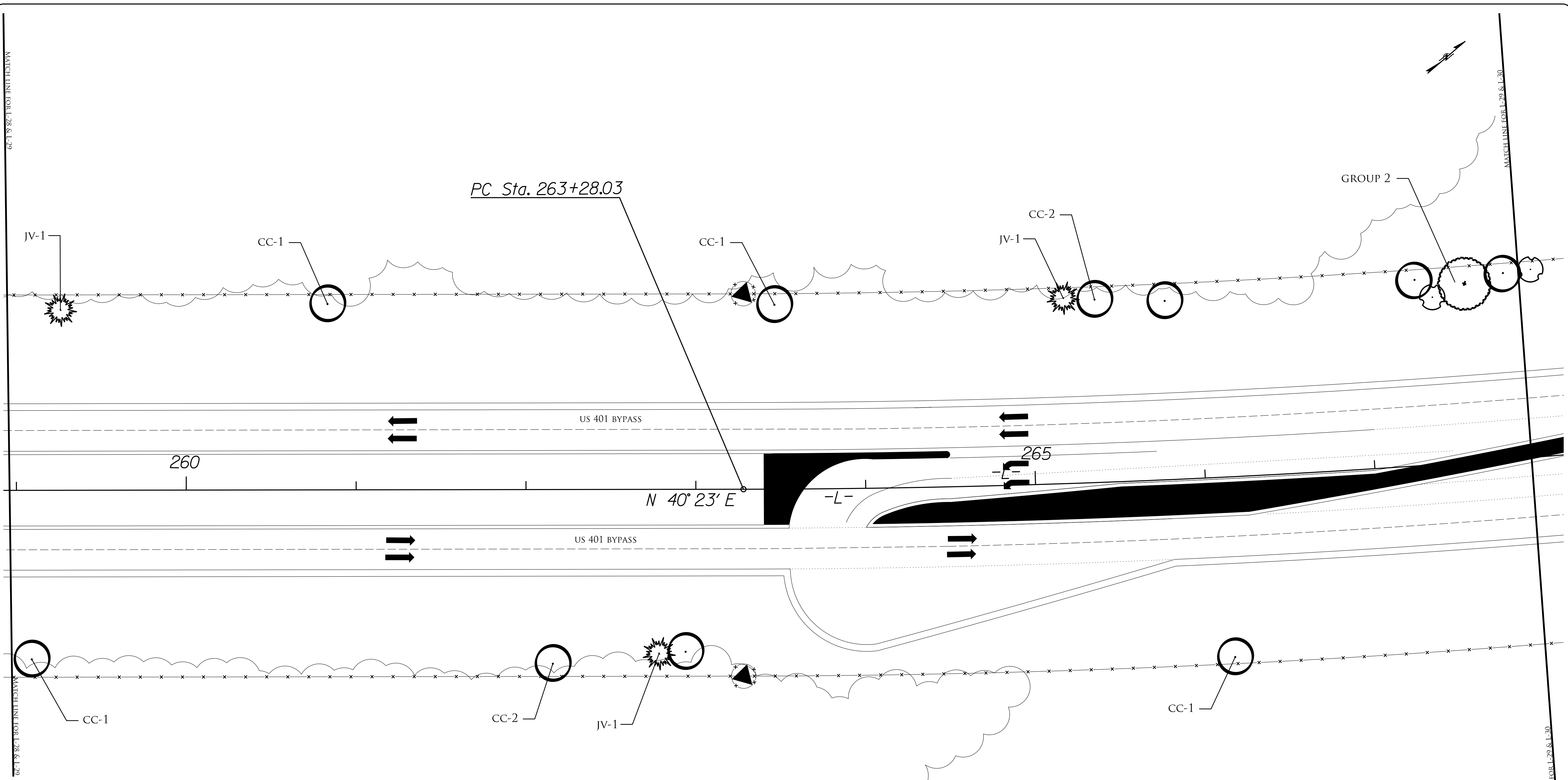
PREPARED BY: KYLE COOPER  
 REU. DESIGNER

SHEET DESCRIPTION:  
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T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: **L-28** TOTAL SHEET NO.: **31**



NOTE: MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
2	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
10	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
3	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN



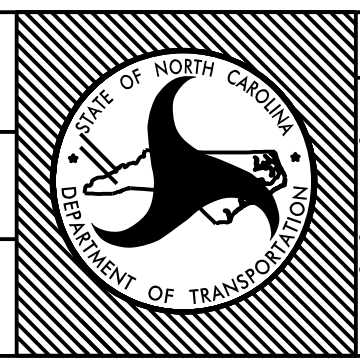
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**ROLESVILLE BYPASS US 401  
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 TIP #: R-2814B (L)

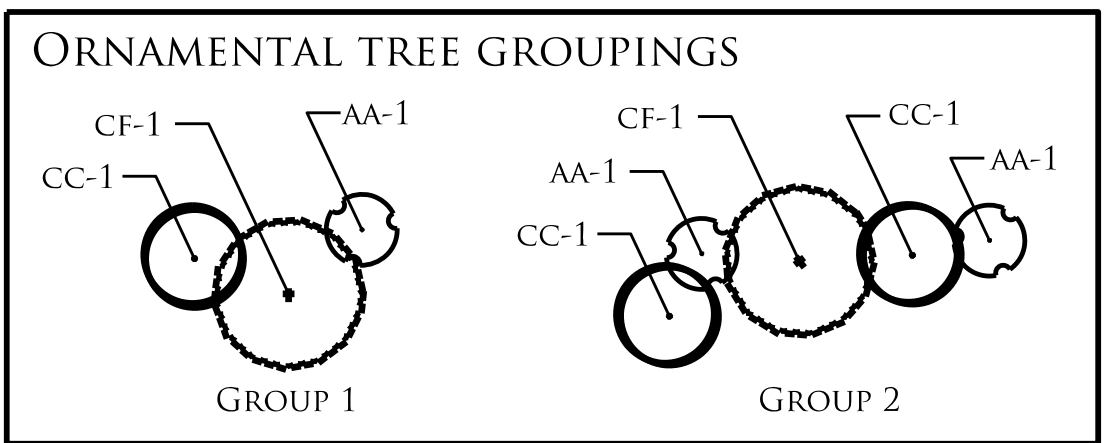
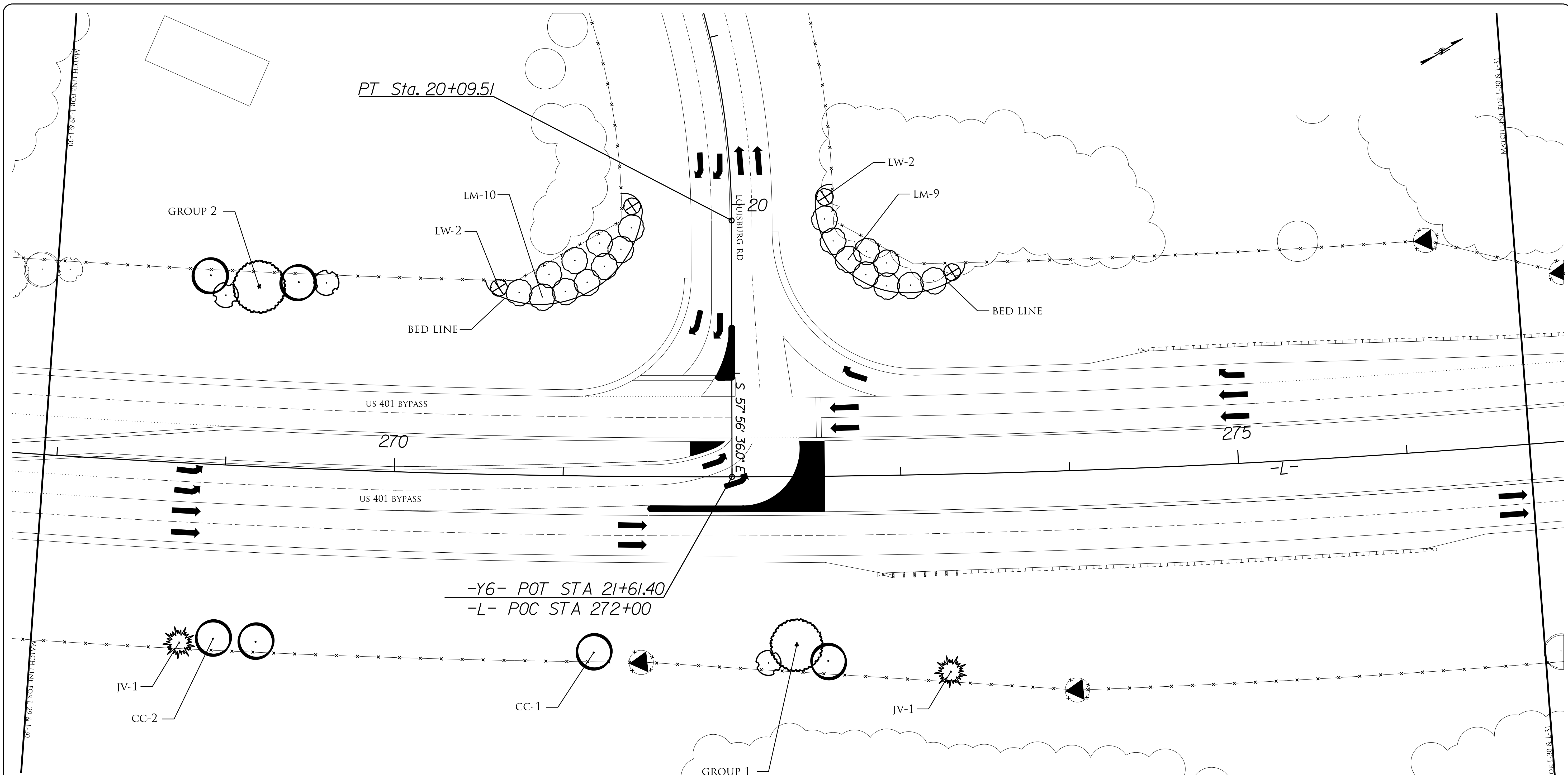
PREP. DESIGNER  
*Kyle Cooney*

SHEET DESCRIPTION:  
 PREL. DESIGN DATE: JAN 11, 2016  
 CHECKED BY & DATE:  
 FINAL DESIGN DATE: JUNE 27, 2016

PLANTING PLAN  
 LANDSCAPE PLAN SHEET

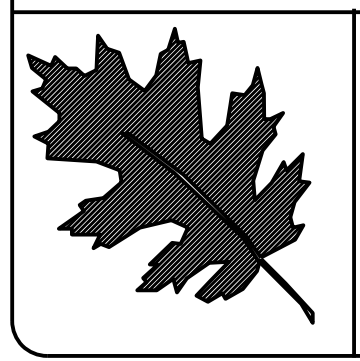


T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: **L-29** TOTAL SHEET NO.: **31**



NOTE: MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
3	AA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	AS SHOWN
6	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
2	CF	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS FLOWERING DOGWOOD	20' O.C.
2	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN
19	LM	LAGERSTROEMIA INDICA X FAURIEI 'MUSKOGEE'	MUSKOGEE CRAPE MYRTLE	14' O.C.
4	LW	LAGERSTROEMIA INDICA X FAURIEI 'WHITE CHOCOLATE' OR 'ACOMA'	WHITE CHOCOLATE OR ACOMA CRAPE MYRTLE	9' O.C.



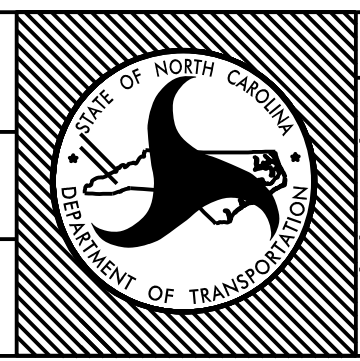
NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-707-2935 FAX: 919-715-2554  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

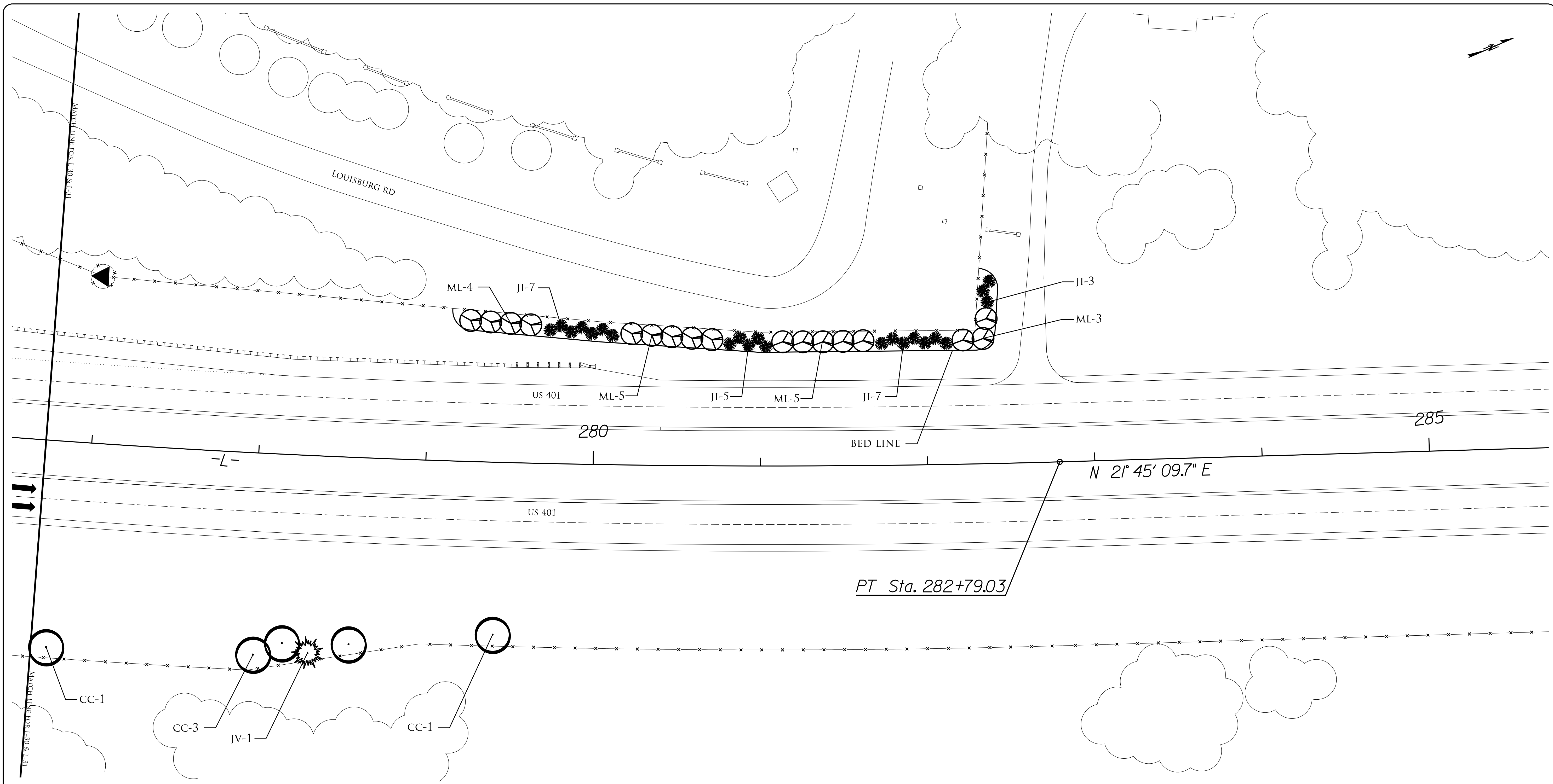
PREP. DESIGNER

SHEET DESCRIPTION:  
 PREL. DESIGN DATE: JAN 11, 2016  
 CHECKED BY & DATE:  
 FINAL DESIGN DATE: JUNE 27, 2016

PLANTING PLAN  
 LANDSCAPE PLAN SHEET



T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO. TOTAL SHEET NO.:  
**L-30 31**



NOTE:  
MULCH ALL TREES INDIVIDUALLY UNLESS OTHERWISE NOTED BY A BED LINE ON THE PLANS.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
5	CC	CERCIS CANADENSIS	EASTERN REDBUD	AS SHOWN
1	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	AS SHOWN
22	JJ	JUNIPERUS VIRGINIANA 'IDYLLWILD'	IDYLLWILD JUNIPER	AS SHOWN
17	ML	MAGNOLIA GRANDIFLORA 'LITTLE GEM'	LITTLE GEM SOUTHERN MAGNOLIA	12' O.C.



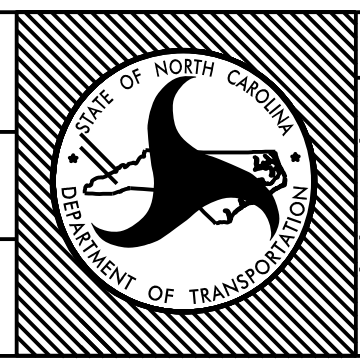
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ROLESVILLE BYPASS US 401  
 WAKE COUNTY  
 TIP #: R-2814B (L)

REV. DESIGNER  
*Kyle Cooper*

SHEET DESCRIPTION:  
 PREL. DESIGN DATE: JAN 11, 2016  
 CHECKED BY & DATE:  
 FINAL DESIGN DATE: JUNE 27, 2016

PLANTING PLAN  
 LANDSCAPE PLAN SHEET



T.I.P. # R-2814B (L)  
 WBS # 34506.3.11  
 FED I.D. # STP-0401(262)  
 SHEET NO.: **L-31** TOTAL SHEET NO.: **31**