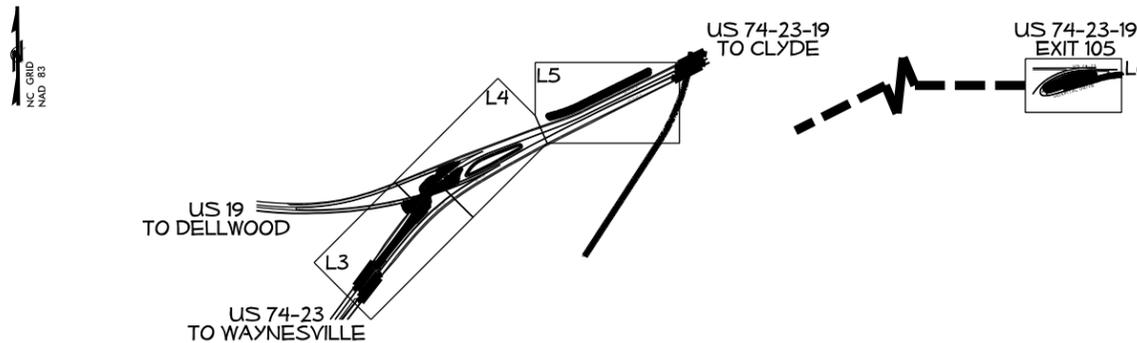




# PROPOSED HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
-	3714.3.29	L1	6
FED. PROJ. #	DESCRIPTION	DIVISION	
-	Enhancement	14	



Summary of Quantities

US 19-74 Richlands Creek Interchange										
Des	Sec	Qty	Unit	Botanical Name	Common Name	Size	Caliper	Furnish	A.S.N.S.	Remarks
L	1670	5	EA	<i>Cornus florida</i>	Flowering Dogwood	5-6'		#7 cont.	1	as shown
L	1670	5	EA	<i>Cercis canadensis</i>	Eastern Redbud	5-6'		#7 cont.	1	as shown
L	1670	124	EA	<i>Abelia grandiflora</i> 'Rose Creek'	Rose Creek Abelia	15-18"		#3 cont.	4.2.3	5' o.c. nom.
L	1670	55	EA	<i>Buddleia</i> 'Blue Chip'	Blue Chip Butterfly Bush	15-18"		#3 cont.	4.2.1	4' o.c. nom.
L	1670	116	EA	<i>Ilex glabra</i> 'Shamrock'	Shamrock Inkberry Holly	18-24"		#3 cont.	4.2.5	6' o.c. nom.
L	1670	105	EA	<i>Hypericum</i> 'Sungold'	Sungold Hypericum	15-18"		#3 cont.	2.2.2	4' o.c. nom.
L	1670	750	EA	<i>Hemerocallis</i> 'Gertrude Condon'	Gertrude Condon Daylily			#1 cont.		24" o.c.
L	1670	63	EA	<i>Hydrangea quercifolia</i>	Oakleaf Hydrangea	18-24"		#3 cont.	2.2.3	6' o.c. nom.
L	1670	74	EA	<i>Prunus laurocerasis</i> 'Otto Luyken'	Otto Luyken Laurel	18-24"		#3 cont.	4.2.2	6' o.c. nom.
L	1670	583	EA	<i>Iris siberica</i> 'Caesars Brother'	Caesar's Brother Siberian Iris			1-2 fan, #4 SP cont.		18" o.c.
L	1670	79	EA	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass			#1 cont.	12.4	4' o.c. nom.
L	1670	111	EA	<i>Rosa meijococ</i>	Pink Drift Rose	15-18"		#3 cont.	5.6	5' o.c. nom.
SP	1670	12	EA		Tree Removal					
2729	1670	404	CY		Mulch for Planting					
US 19-74 Richlands Creek Screen										
Des	Sec	Qty	Unit	Botanical Name	Common Name	Size	Caliper	Furnish	A.S.N.S.	Remarks
L	1670	55	EA	<i>Thuja occidentalis</i> 'Green Giant'	Green Giant Arborvitae	7-8'		B&B		as shown
L	1670	50	EA	<i>Ilex x. 'Nellie R. Stevens'</i>	Nellie R. Stevens Holly	6-7'		B&B		as shown
2729	1670	30	CY		Mulch for Planting					
US 19-74 Exit 105										
Des	Sec	Qty	Unit	Botanical Name	Common Name	Size	Caliper	Furnish	A.S.N.S.	Remarks
L	1670	84	EA	<i>Abelia x 'Rose Creek'</i>	Rose Creek Abelia	15-18"		#3 cont.	4.2.3	5' o.c. nom.
L	1670	118	EA	<i>Buddleia</i> 'Blue Chip'	Blue Chip Butterfly Bush	15-18"		#3 cont.	4.2.1	4' o.c. nom.
L	1670	4	EA	<i>Cercis canadensis</i> 'Forest Pansy'	Forest Pansy Redbud	7-8'		B&B	1.2.4	as shown
L	1670	5	EA	<i>Cornus florida</i> 'Celestial Shadow'	Celestial Shadow Dogwood	7-8'		B&B	1.2.4	as shown
L	1670	535	EA	<i>Hemerocallis</i> 'Buttered Popcorn'	Buttered Popcorn Daylily			#1 cont.	12.2.3	24" o.c.
L	1670	125	EA	<i>Iris siberica</i> 'Caesar's Brother'	Caesar's Brother Siberian Iris			1-2 fan, SP #4 cont.	12.2.5	18" o.c.
L	1670	35	EA	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass			#1 cont.	12.4	4' o.c. nom.
L	1670	53	EA	<i>Panicum virgatum</i> 'Heavy Metal'	Heavy Metal Switchgrass			#1 cont.	12.4	4' o.c. nom.
L	1670	64	EA	<i>Prunus laurocerasis</i> 'Otto Luyken'	Otto Luyken Laurel	18-24"		#3 cont.	4.2.2	6' o.c. nom.
L	1670	70	EA	<i>Rosa Meijococ</i>	Pink Drift Rose	15-18"		#3 cont.	5.2	5' o.c. nom.
L	1670	7	EA	<i>Thuja occidentalis</i> 'Green Giant'	Green Giant Arborvitae	7-8'		B&B		as shown
2729	1670	160	CY		Mulch for Planting					

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	-----

INDEX OF L SHEETS:

L 1 ... TITLE, DESCRIPTION, LOCATION

L 2 ... PLANTING DETAILS

L 3 - L 6 ... PLANTING PLANS

PREPARED BY: DW DATE: 10/31/2013

REVISIONS

DATE	DESCRIPTION

PROJECT: LANDSCAPE PLANTING



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

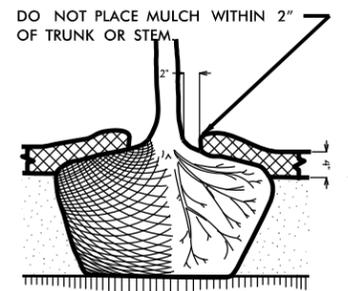
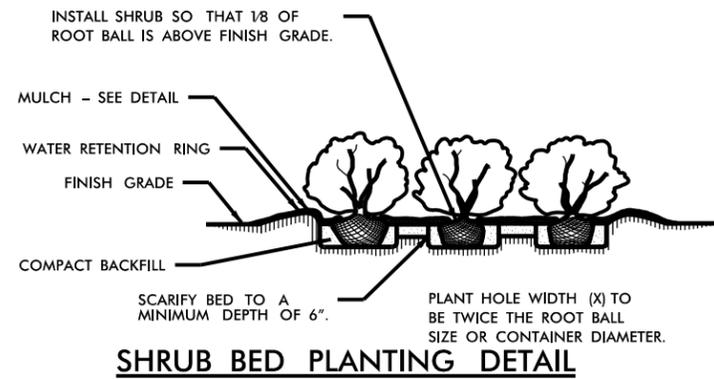
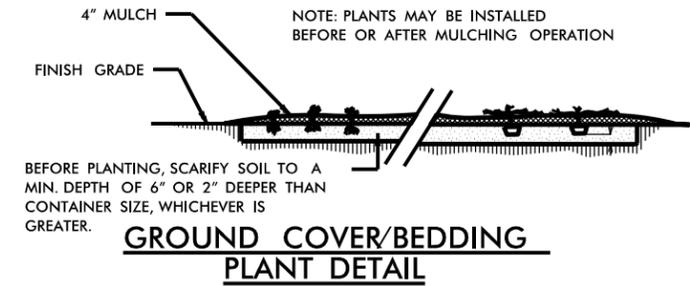
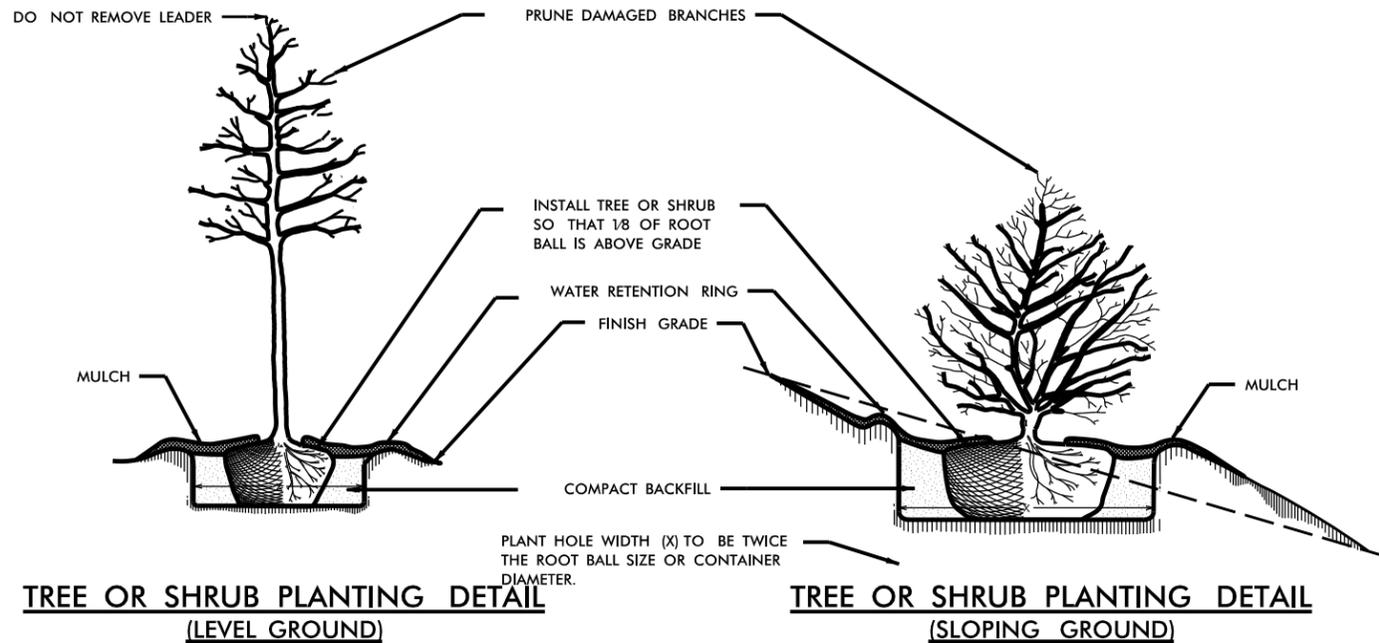
LOCATION: US 74-23-19 between Clyde and Waynesville

TYPE of WORK: Landscape Planting

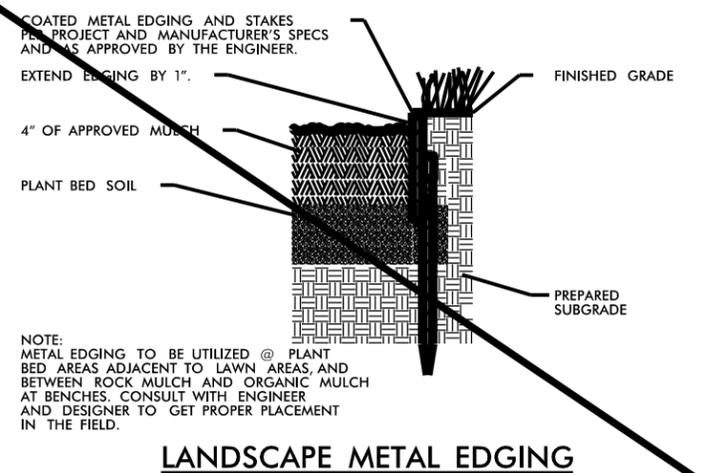
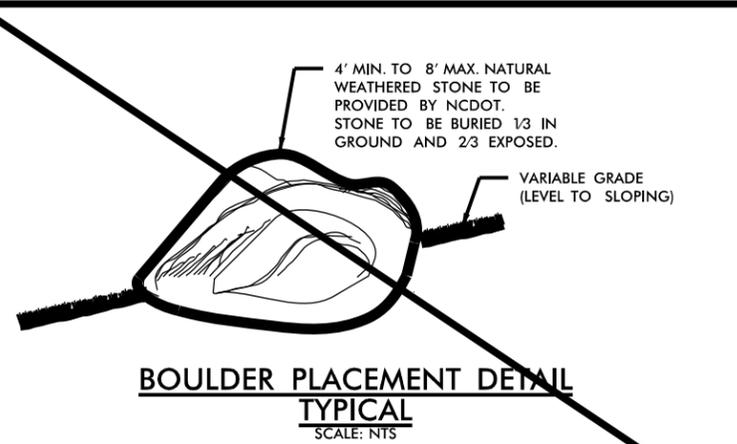
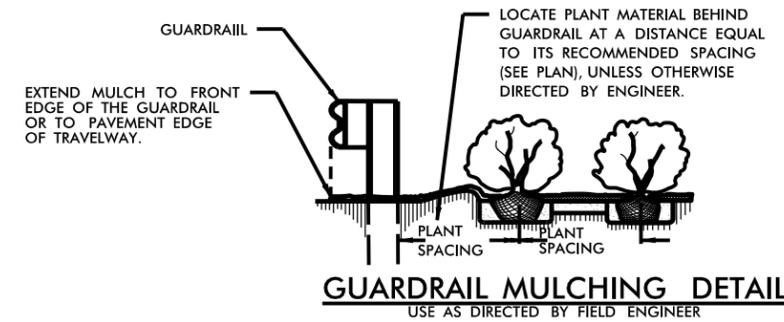
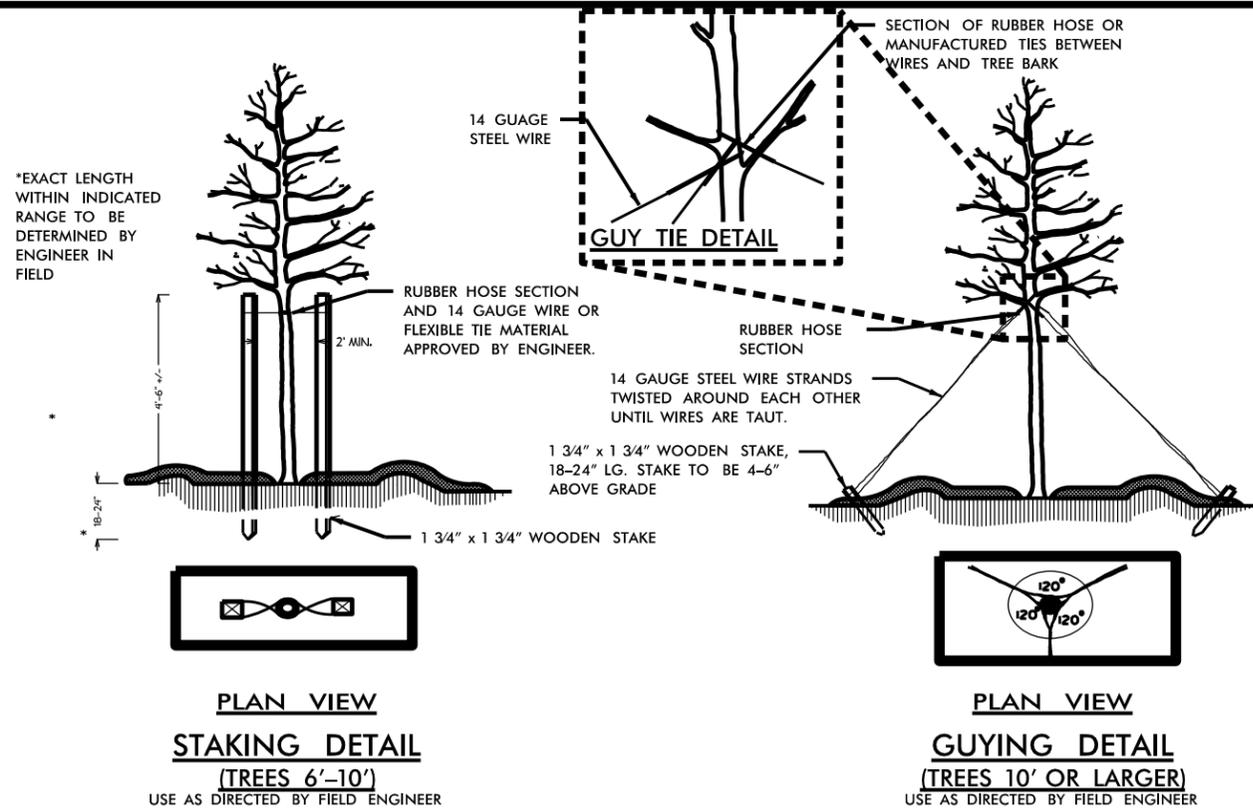
COUNTY: Haywood County

*D Wilson*

2004 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



- 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.



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**US 74-23-19**  
**Haywood County**  
**W060: 3714.3.29**

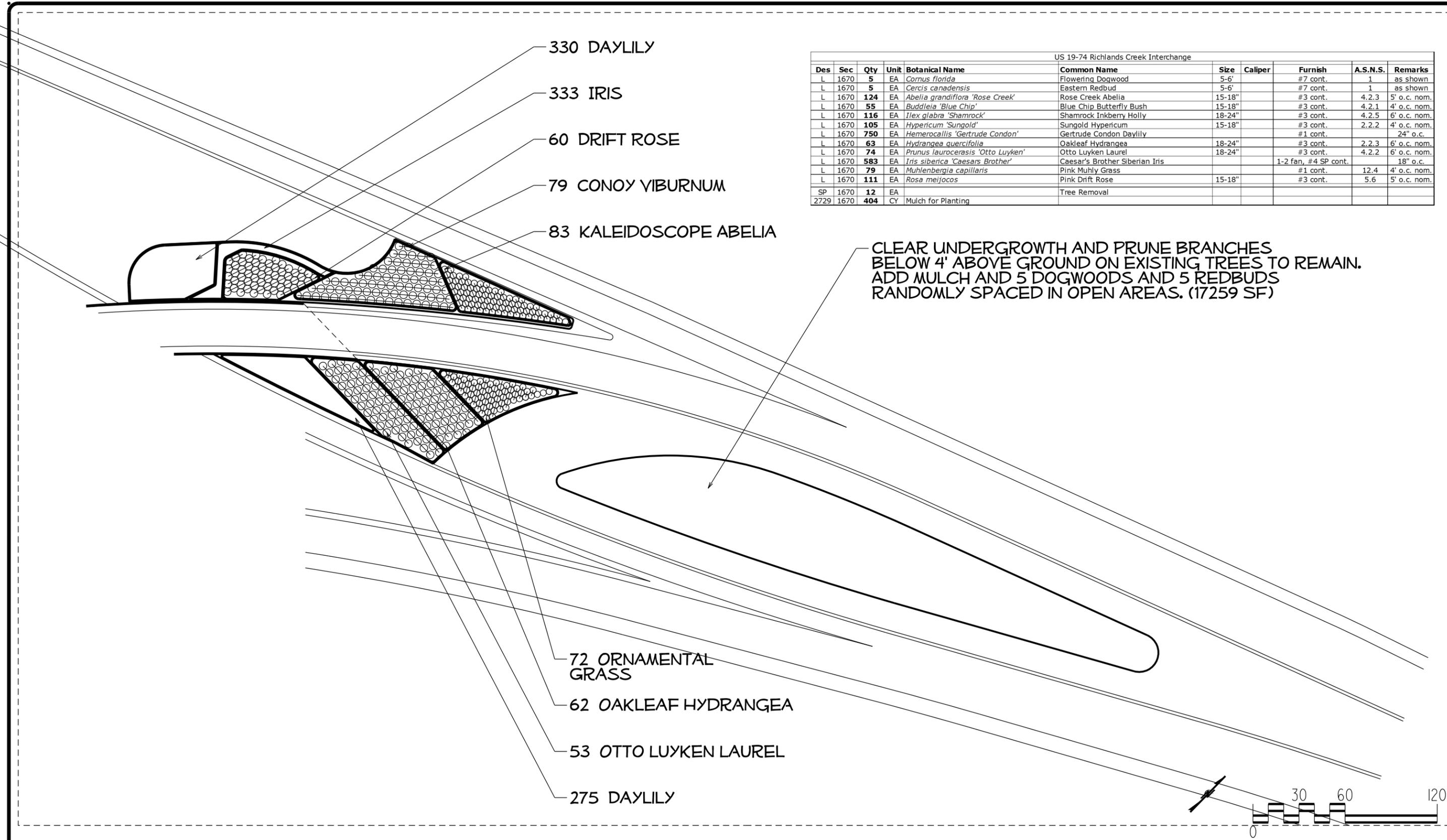
REV ENGINEER :

SHEET DESCRIPTION:	Planting Details

PREL DESIGN DATE:	5 / 17 / 2013
CHECKED BY & DATE:	
FINAL DESIGN DATE:	10 / 31 / 2013



SHEET NO :	2
TOTAL SHEET NO :	6



US 19-74 Richlands Creek Interchange											
Des	Sec	Qty	Unit	Botanical Name	Common Name	Size	Caliper	Furnish	A.S.N.S.	Remarks	
L	1670	5	EA	<i>Cornus florida</i>	Flowering Dogwood	5-6'		#7 cont.	1	as shown	
L	1670	5	EA	<i>Cercis canadensis</i>	Eastern Redbud	5-6'		#7 cont.	1	as shown	
L	1670	124	EA	<i>Abelia grandiflora</i> 'Rose Creek'	Rose Creek Abelia	15-18"		#3 cont.	4.2.3	5' o.c. nom.	
L	1670	55	EA	<i>Buddleia</i> 'Blue Chip'	Blue Chip Butterfly Bush	15-18"		#3 cont.	4.2.1	4' o.c. nom.	
L	1670	116	EA	<i>Ilex glabra</i> 'Shamrock'	Shamrock Inkberry Holly	18-24"		#3 cont.	4.2.5	6' o.c. nom.	
L	1670	105	EA	<i>Hypericum</i> 'Sungold'	Sungold Hypericum	15-18"		#3 cont.	2.2.2	4' o.c. nom.	
L	1670	750	EA	<i>Hemerocallis</i> 'Gertrude Condon'	Gertrude Condon Daylily			#1 cont.		24" o.c.	
L	1670	63	EA	<i>Hydrangea quercifolia</i>	Oakleaf Hydrangea	18-24"		#3 cont.	2.2.3	6' o.c. nom.	
L	1670	74	EA	<i>Prunus laurocerasis</i> 'Otto Luyken'	Otto Luyken Laurel	18-24"		#3 cont.	4.2.2	6' o.c. nom.	
L	1670	583	EA	<i>Iris siberica</i> 'Caesars Brother'	Caesar's Brother Siberian Iris			1-2 fan, #4 SP cont.		18" o.c.	
L	1670	79	EA	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass			#1 cont.	12.4	4' o.c. nom.	
L	1670	111	EA	<i>Rosa meijocosa</i>	Pink Drift Rose	15-18"		#3 cont.	5.6	5' o.c. nom.	
SP	1670	12	EA		Tree Removal						
2729	1670	404	CY	Mulch for Planting							



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US 74-23  
 Haywood County, Lake Junaluska  
 W060: 3714.3.29

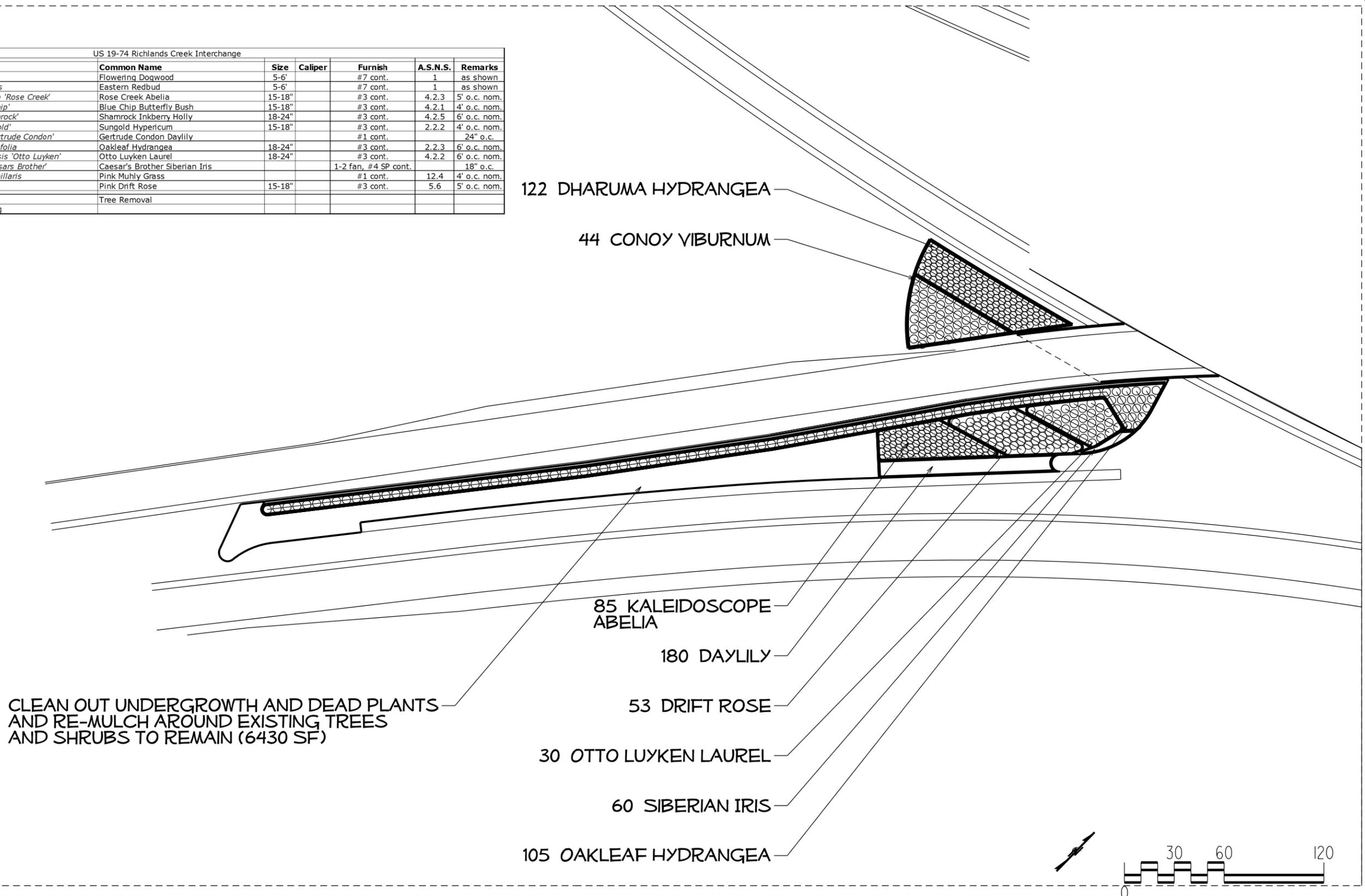
REU ENGINEER :  
 SHEET DESCRIPTION: **Planting Plan**

PREL DESIGN DATE: 5 /17 /2013  
 CHECKED BY & DATE :  
 FINAL DESIGN DATE: 10 /31 /2013



SHEET NO : 4  
 TOTAL SHEET NO : 6

US 19-74 Richlands Creek Interchange										
Des	Sec	Qty	Unit	Botanical Name	Common Name	Size	Caliper	Furnish	A.S.N.S.	Remarks
L	1670	5	EA	<i>Cornus florida</i>	Flowering Dogwood	5-6'		#7 cont.	1	as shown
L	1670	5	EA	<i>Cercis canadensis</i>	Eastern Redbud	5-6'		#7 cont.	1	as shown
L	1670	124	EA	<i>Abelia grandiflora</i> 'Rose Creek'	Rose Creek Abelia	15-18"		#3 cont.	4.2.3	5' o.c. nom.
L	1670	55	EA	<i>Buddleia</i> 'Blue Chip'	Blue Chip Butterfly Bush	15-18"		#3 cont.	4.2.1	4' o.c. nom.
L	1670	116	EA	<i>Ilex glabra</i> 'Shamrock'	Shamrock Inkberry Holly	18-24"		#3 cont.	4.2.5	6' o.c. nom.
L	1670	105	EA	<i>Hypericum</i> 'Sungold'	Sungold Hypericum	15-18"		#3 cont.	2.2.2	4' o.c. nom.
L	1670	750	EA	<i>Hemerocallis</i> 'Gertrude Condon'	Gertrude Condon Daylily			#1 cont.		24" o.c.
L	1670	63	EA	<i>Hydrangea quercifolia</i>	Oakleaf Hydrangea	18-24"		#3 cont.	2.2.3	6' o.c. nom.
L	1670	74	EA	<i>Prunus laurocerasis</i> 'Otto Luyken'	Otto Luyken Laurel	18-24"		#3 cont.	4.2.2	6' o.c. nom.
L	1670	583	EA	<i>Iris siberica</i> 'Caesars Brother'	Caesar's Brother Siberian Iris			1-2 fan, #4 SP cont.		18" o.c.
L	1670	79	EA	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass			#1 cont.	12.4	4' o.c. nom.
L	1670	111	EA	<i>Rosa meijocosa</i>	Pink Drift Rose	15-18"		#3 cont.	5.6	5' o.c. nom.
SP	1670	12	EA		Tree Removal					
2729	1670	404	CY	Mulch for Planting						



NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
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**US 74-23**  
**Haywood County, Lake Junaluska**  
**W0601 3714.3.29**

REV ENGINEER :

SHEET DESCRIPTION:

**Planting Plan**

PREL DESIGN DATE: **5 /17 /2013**

CHECKED BY & DATE :

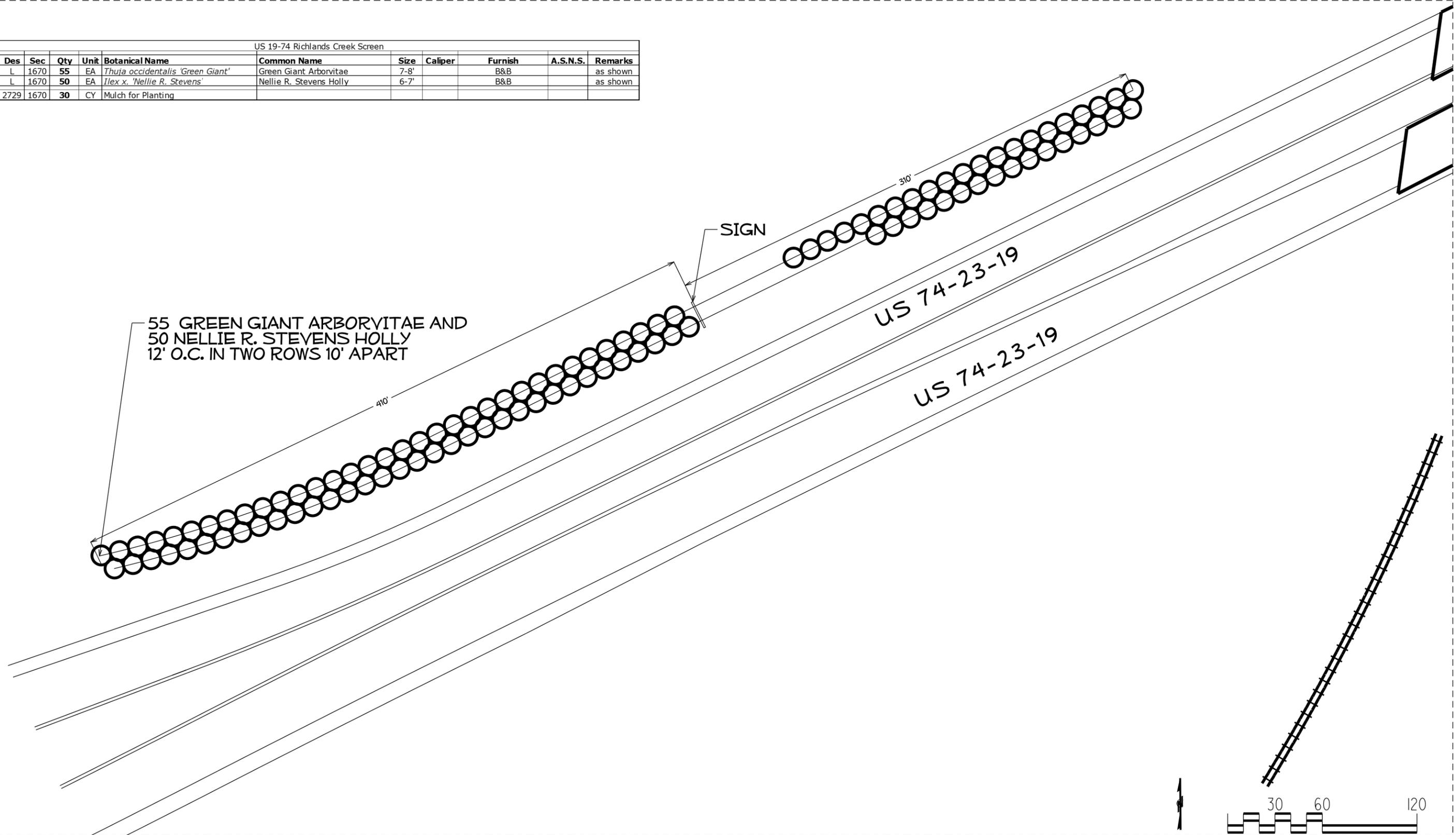
FINAL DESIGN DATE: **10 /31 /2013**



SHEET NO : **3**

TOTAL SHEET NO : **6**

US 19-74 Richlands Creek Screen										
Des	Sec	Qty	Unit	Botanical Name	Common Name	Size	Caliper	Furnish	A.S.N.S.	Remarks
L	1670	55	EA	<i>Thuja occidentalis</i> 'Green Giant'	Green Giant Arborvitae	7-8'		B&B		as shown
L	1670	50	EA	<i>Ilex</i> x. 'Nellie R. Stevens'	Nellie R. Stevens Holly	6-7'		B&B		as shown
2729	1670	30	CY	Mulch for Planting						



55 GREEN GIANT ARBORVITAE AND  
50 NELLIE R. STEVENS HOLLY  
12' O.C. IN TWO ROWS 10' APART



NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
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US 74-23  
Haywood County, Lake Junaluska  
W060: 3714.3.29

REV ENGINEER :

SHEET DESCRIPTION:

Planting Plan

PREL DESIGN DATE: 5 /17 /2013

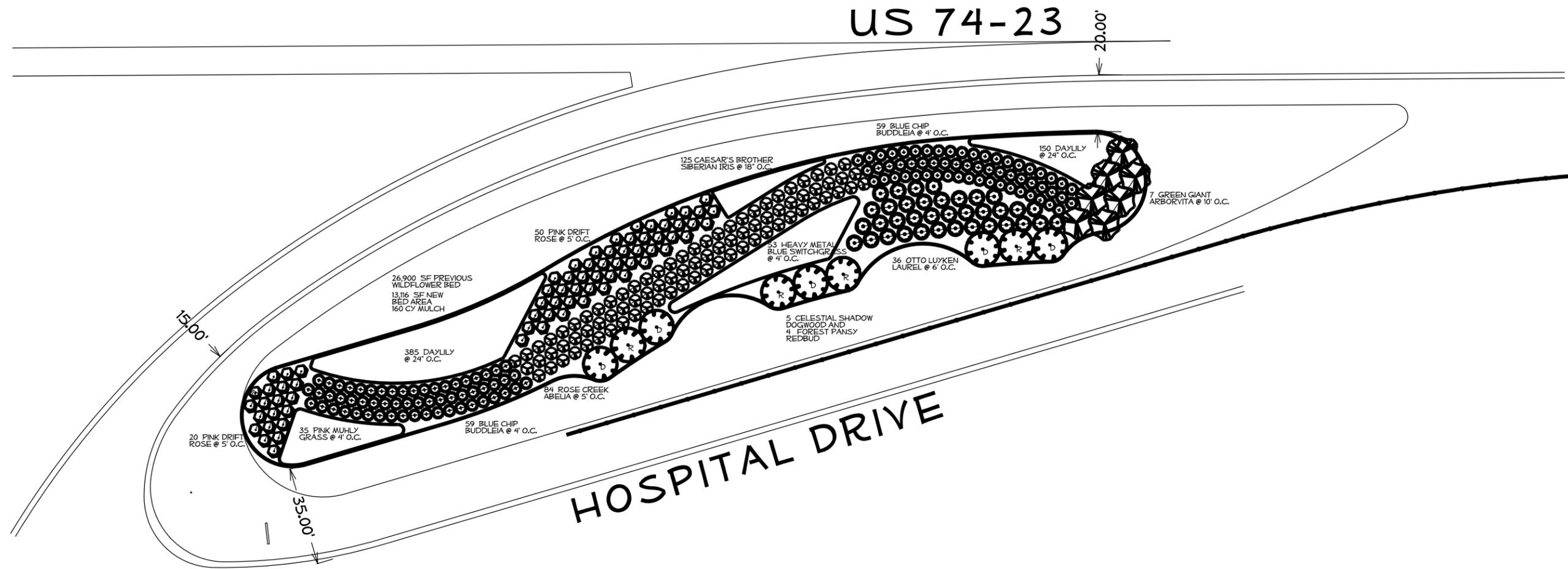
CHECKED BY & DATE :

FINAL DESIGN DATE: 10 /31 /2013

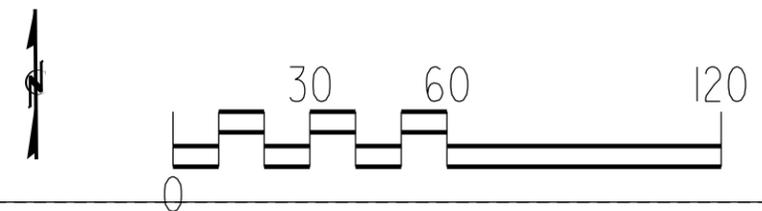


SHEET NO: 5

TOTAL SHEET NO: 6



US 19-74 Exit 105										
Des	Sec	Qty	Unit	Botanical Name	Common Name	Size	Caliper	Furnish	A.S.N.S.	Remarks
L	1670	84	EA	<i>Abelia x 'Rose Creek'</i>	Rose Creek Abelia	15-18"		#3 cont.	4.2.3	5' o.c. nom.
L	1670	118	EA	<i>Buddleia 'Blue Chip'</i>	Blue Chip Butterfly Bush	15-18"		#3 cont.	4.2.1	4' o.c. nom.
L	1670	4	EA	<i>Cercis canadensis 'Forest Pansy'</i>	Forest Pansy Redbud	7-8'		B&B	1.2.4	as shown
L	1670	5	EA	<i>Cornus florida 'Celestial Shadow'</i>	Celestial Shadow Dogwood	7-8'		B&B	1.2.4	as shown
L	1670	535	EA	<i>Hemerocallis 'Buttered Popcom'</i>	Buttered Popcorn Daylily			#1 cont.	12.2.3	24" o.c.
L	1670	125	EA	<i>Iris siberica 'Caesar's Brother'</i>	Caesar's Brother Siberian Iris			1-2 fan, SP #4 cont.	12.2.5	18" o.c.
L	1670	35	EA	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass			#1 cont.	12.4	4' o.c. nom.
L	1670	53	EA	<i>Panicum virgatum 'Heavy Metal'</i>	Heavy Metal Switchgrass			#1 cont.	12.4	4' o.c. nom.
L	1670	64	EA	<i>Prunus laurocerasis 'Otto Luyken'</i>	Otto Luyken Laurel	18-24"		#3 cont.	4.2.2	6' o.c. nom.
L	1670	70	EA	<i>Rosa Meijocosa</i>	Pink Drift Rose	15-18"		#3 cont.	5.2	5' o.c. nom.
L	1670	7	EA	<i>Thuja occidentalis 'Green Giant'</i>	Green Giant Arborvitae	7-8'		B&B		as shown
2729	1670	160	CY	Mulch for Planting						



NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT  
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**US 74-23 Exit 105**  
**Haywood County, West of Clyde**  
**W060: 3714.3.29**

REV ENGINEER :

SHEET DESCRIPTION:  
**Planting Plan**

PREL DESIGN DATE: **5 /17 /2013**  
 CHECKED BY & DATE :  
 FINAL DESIGN DATE: **10 /31 /2013**



SHEET NO : **6**  
 TOTAL SHEET NO : **6**

PROJECT: Polk County - I-26 and NC 108 Interchange - Columbus



# PROPOSED HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
	3714.3.16	1	5
FED. PROJ. #	DESCRIPTION		DIVISION
	I-26 & NC 108 Columbus Polk County		14



Vicinity Map

### Summary of Quantities

Plant Materials						
Quan.	Key	Unit	Botanical Name	Common Name	Furnish	ASNS Spacing
<b>Shrubs</b>						
134	AK	EA	<i>Abelia x grandiflora</i> 'Kaleidoscope' PP# 16,988	Kaleidoscope Abelia	18-24", #3 Cont.	2.2.2 4' OC
23	COC	EA	<i>Chamaecyparis obtusa</i> 'Crippsii'	Crippsii Hinoki Falsecypress	30-36", #10 Cont.	3.2.4 12' OC
74	DM	EA	<i>Distylium myricoides</i> 'PIDIST-II' PPAF	Blue Cascade Distylium	18-24", #3 Cont.	4.2.2 4' OC
140	HBV	EA	<i>Hypericum x 'Cfflpc-1'</i> PPAF	Blue Velvet St. John's Wort	15-18", #3 Cont.	2.2.2 3' OC
22	VD	EA	<i>Viburnum dentatum</i> 'Christom'	Blue Muffin Arrowwood Viburnum	18-24", #3 Cont.	2.2.4 5' OC
Supply 10% of total <i>Viburnum dentatum</i> quantity with <i>Viburnum dentatum</i> 'Chicago Lustre' in same size as specified for 'Blue Muffin', as a pollinator.						
<b>Grasses</b>						
1,143	MC	EA	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass	#1 Cont.	12.4 3' OC
<b>Perennials</b>						
479	IS	EA	<i>Iris sibirica</i> 'Ceasar's Brother'	Ceasar's Brother Siberian Iris	#1 Cont.	12.2.5 3' OC
<b>Other Items</b>						
Quan.	Unit	Description				
632	CY	Mulch for Planting				
52	Tons	Stone for Swales (Creek or River Stone)				

#### CONVENTIONAL SYMBOLS

County Line	-----
City or Town Line	-----
Exist. Right of Way Line Marker	-----▲-----
Prop. Right of Way Line Marker	-----▲-----
(By Other)	-----▲-----
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:

- 1..... Title, Description and Summary of Quantities
- 2..... Details
- 3..... Interchange/Sheet Layout
- 4-5.... Planting Plans

PREPARED BY: CSM  
 PRELIMINARY DESIGN DATE: Sept. 3, 2013  
 FINAL DESIGN DATE: Oct. 16, 2013



STATE OF  
**NORTH CAROLINA**  
 DEPARTMENT OF TRANSPORTATION

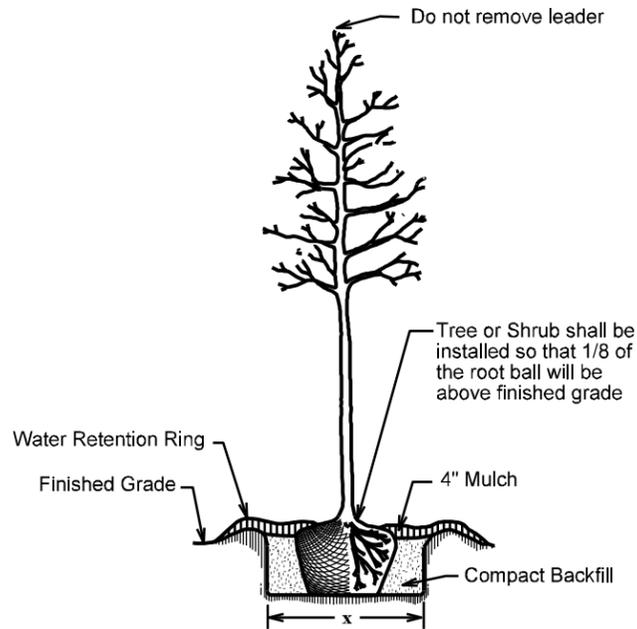
LOCATION: I - 26 and NC 108 Interchange at Columbus

TYPE of WORK: Landscape Planting

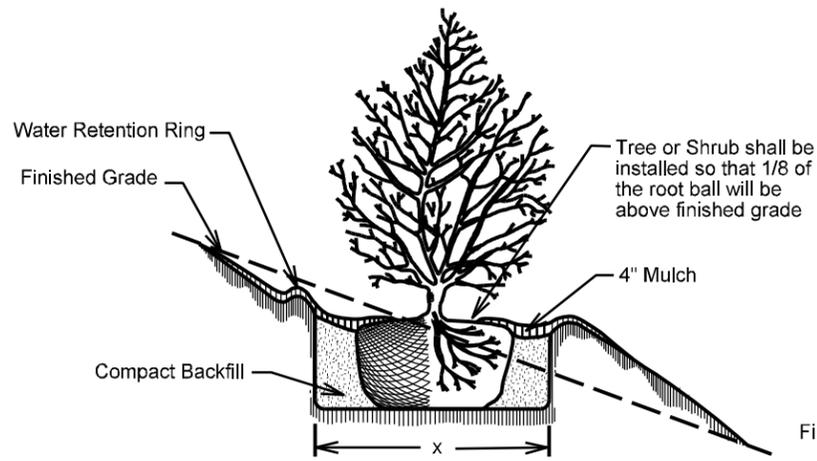
COUNTY: Polk County

DIVISION  
 14

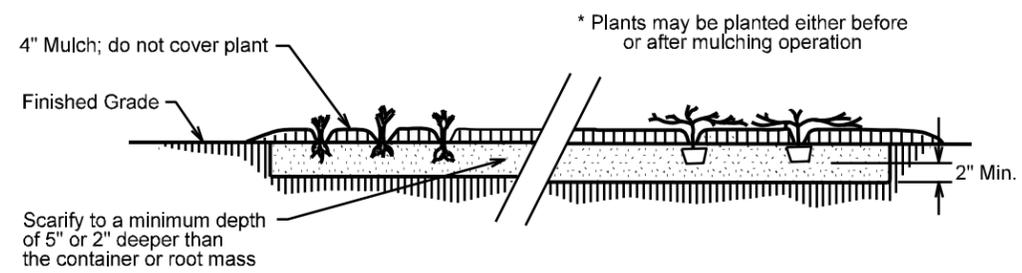
2004 American Standard for Nursery Stock  
 2012 NCDOT STANDARD SPECIFICATIONS  
 PREPARED IN THE OFFICE OF:  
 NCDOT- ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT SECTION  
 1557 MAIL SERVICE CENTER  
 RALEIGH NC 27699 919-733-2920



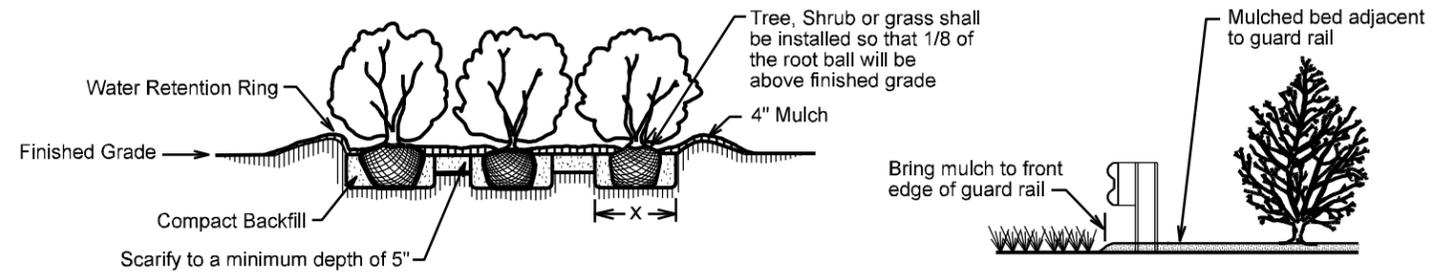
**Tree or Shrub Planting Detail**  
(Level Ground)



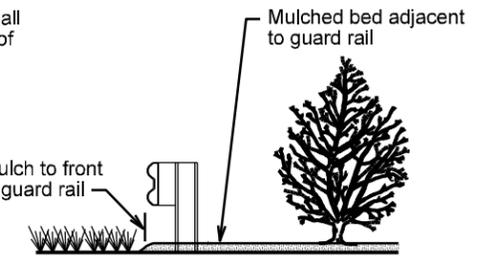
**Tree or Shrub Planting Detail**  
(Sloping Ground)



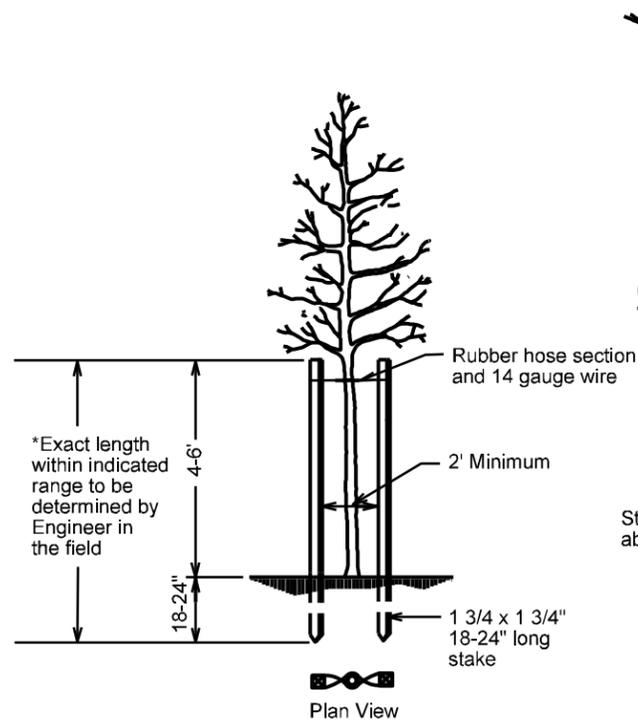
**Ground Cover Planting Detail**



**Bed Planting Detail**

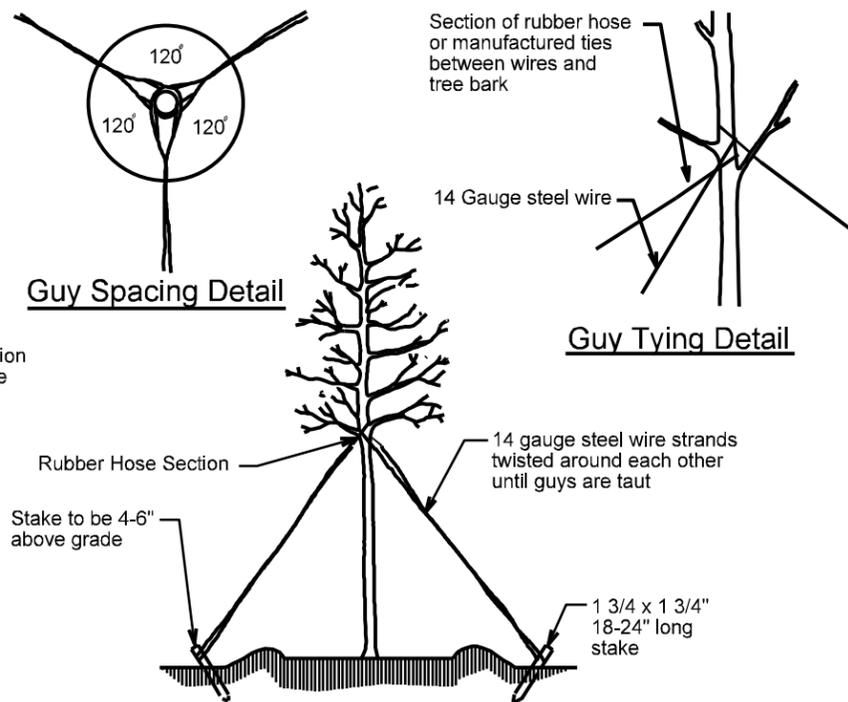


**Bed / Guardrail Detail**



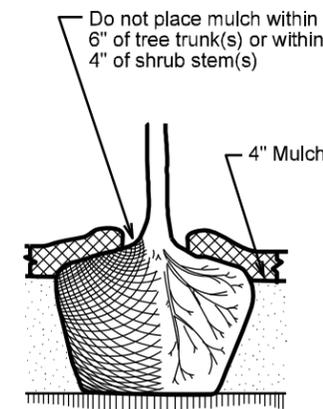
**Staking Detail**  
(for trees 6' to 10')

\* Utilize staking detail only if requested by the Engineer.

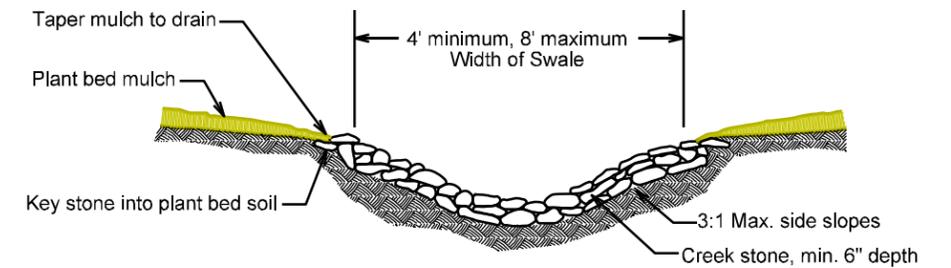


**Tree Guying Detail**  
(for trees 10' or larger)

\* Utilize guying detail only if requested by the Engineer.



**Mulch Detail**

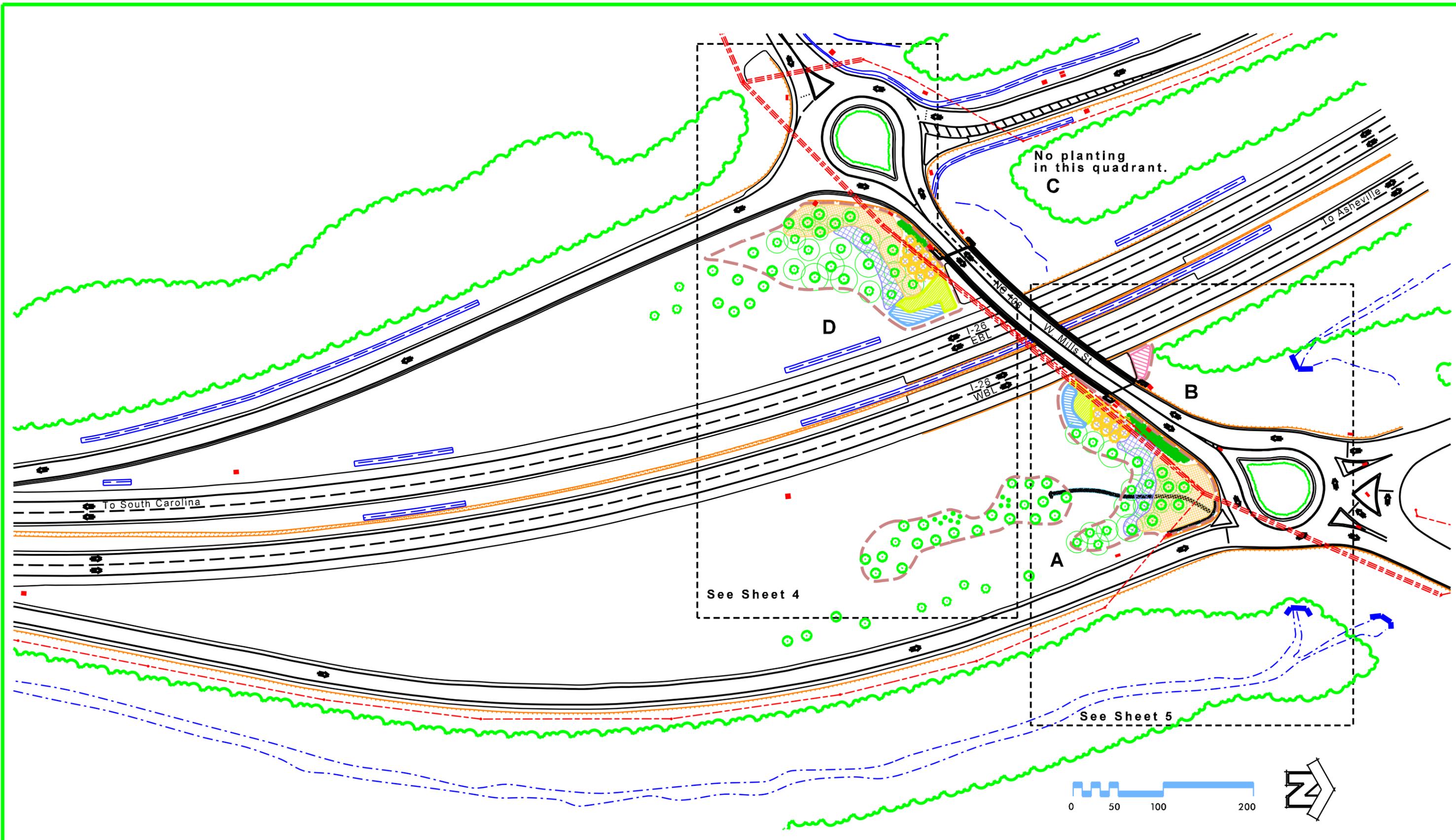


**Drainage Swale Detail**

**Planting Detail Notes:**

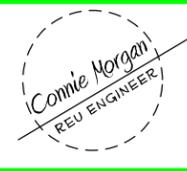
- Schedule for Plant Hole Size:  
X = 2 times the diameter of the container or the root ball diameter
- See Standard Specifications for Plant Bed preparation and herbicidal treatment
- Fertilizer shall be applied at time of planting. Fertilizer shall be a slow release pellet or tablet. Formulation shall be approved by engineer in field. Rates shall be per manufacturer's recommendations and approved by engineer in field. Thoroughly mix with topsoil, backfill or scarified soil.
- When mulched bed is adjacent to guard rail run mulch to front edge of guardrail - see detail
- Cut and remove wire basket and remove burlap around top of root ball to expose root collar before backfilling. Set root ball at grade or slightly above as directed by the Engineer depending on soil type at installation site. Do not place mulch within 6 inch of tree trunk or 4 inch of shrub trunk.
- Any pruning necessary shall follow current standard arboricultural practices and International Society of Arboriculture recommendations
- Do not attempt to straighten a tree that has been planted at an angle with the use of staking or guying. Dig tree and reset root ball to achieve an upright, plumb position.





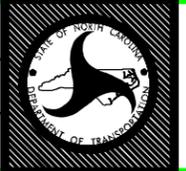
NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-707-2920 FAX: 919-715-2554  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/doh/operations/dp_chief_eng/roadside/)

I-26 & NC 108 INTERCHANGE  
 LANDSCAPE PLANTING PHASE II  
 COLUMBUS, POLK COUNTY

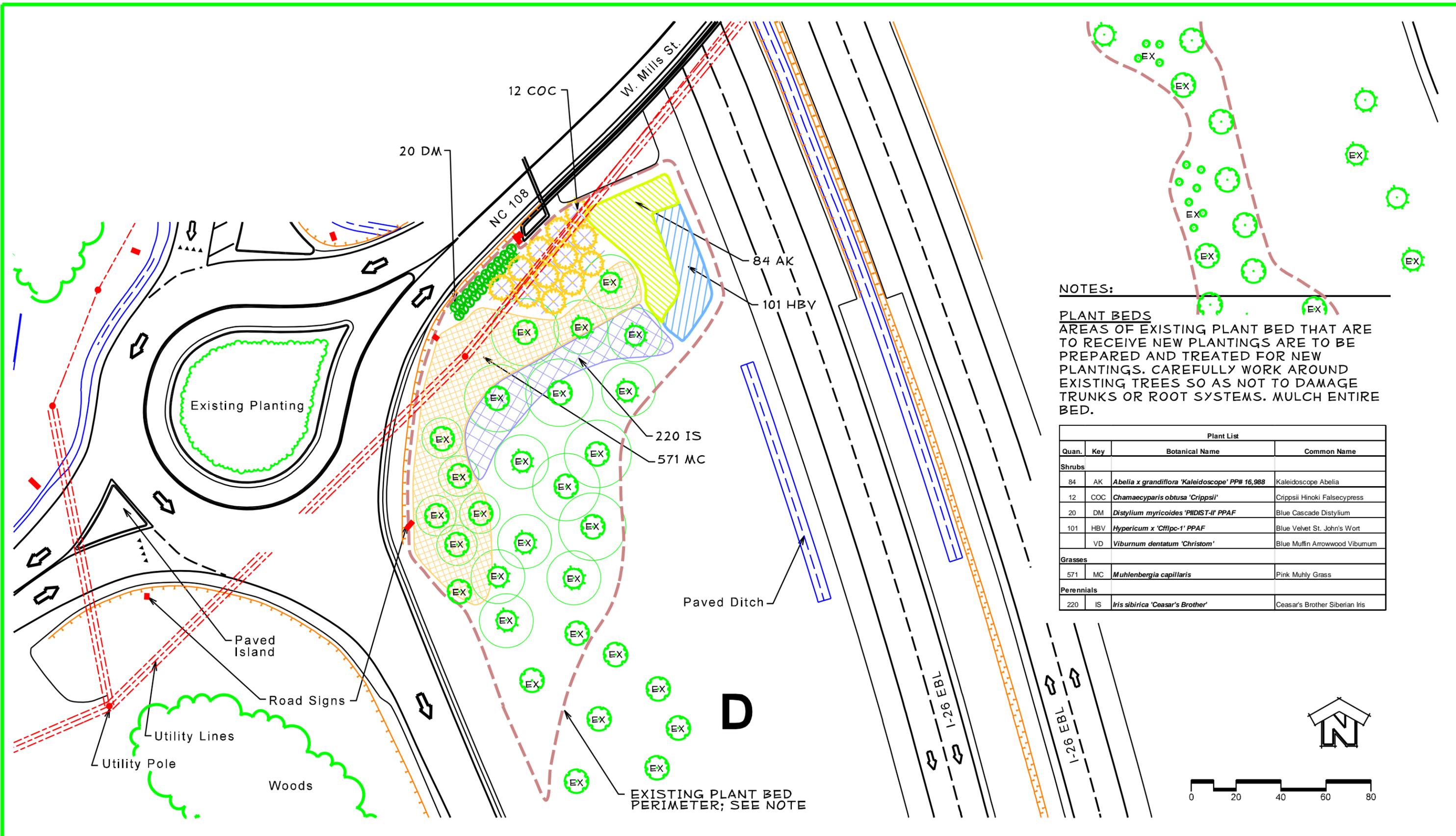


SHEET DESCRIPTION:  
 LANDSCAPE DEVELOPMENT  
 PLAN SHEET  
 OVERALL INTERCHANGE

PRELIMINARY DESIGN DATE: SEPT. 3, 2013  
 FINAL DESIGN DATE: OCT. 16, 2013  
 PROJECT: I-26 & NC 108 INTERCHANGE AT COLUMBUS  
 DIVISION AND COUNTY: DIVISION 14 - POLK COUNTY



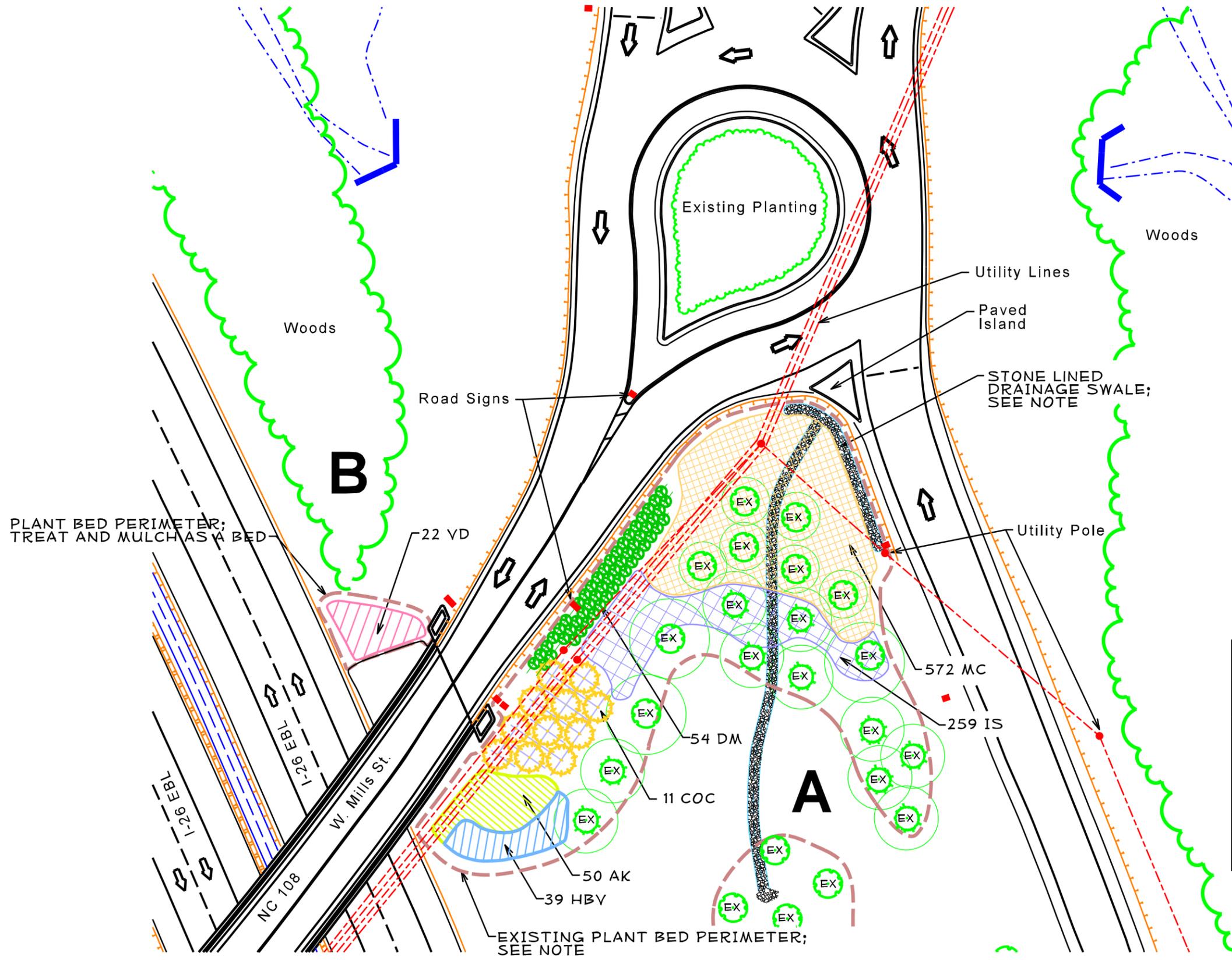
SHEET NO: 3  
 TOTAL SHEET NO: 5



**NOTES:**

**PLANT BEDS**  
 AREAS OF EXISTING PLANT BED THAT ARE TO RECEIVE NEW PLANTINGS ARE TO BE PREPARED AND TREATED FOR NEW PLANTINGS. CAREFULLY WORK AROUND EXISTING TREES SO AS NOT TO DAMAGE TRUNKS OR ROOT SYSTEMS. MULCH ENTIRE BED.

Plant List			
Quan.	Key	Botanical Name	Common Name
<b>Shrubs</b>			
84	AK	<i>Abelia x grandiflora</i> 'Kaleidoscope' PP# 16,988	Kaleidoscope Abelia
12	COC	<i>Chamaecyparis obtusa</i> 'Crippsii'	Crippsii Hinoki Falsecypress
20	DM	<i>Distylium myricoides</i> 'PIDIST-1' PPAF	Blue Cascade Distylium
101	HBV	<i>Hypericum x 'Cflpc-1'</i> PPAF	Blue Velvet St. John's Wort
	VD	<i>Viburnum dentatum</i> 'Christom'	Blue Muffin Arrowwood Viburnum
<b>Grasses</b>			
571	MC	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass
<b>Perennials</b>			
220	IS	<i>Iris sibirica</i> 'Caesar's Brother'	Caesar's Brother Siberian Iris



**NOTES:**

**PLANT BEDS**  
 AREAS OF EXISTING PLANT BED THAT ARE TO RECEIVE NEW PLANTINGS ARE TO BE PREPARED AND TREATED FOR NEW PLANTINGS. CAREFULLY WORK AROUND EXISTING TREES SO AS NOT TO DAMAGE TRUNKS OR ROOT SYSTEMS. MULCH ENTIRE BED.

**STONE LINED DRAINAGE SWALE**  
 THE PROPOSED DRAINAGE SWALE IS APPROXIMATELY 251 LINEAR FEET. THE EXACT LOCATION AND LENGTH IS TO BE DETERMINED BY THE ENGINEER IN THE FIELD. IT IS INTENDED TO FOLLOW THE RUNOFF PATH ALREADY FORMED THROUGH THE EXISTING BED. IT WILL MEANDER BETWEEN AND AROUND THE EXISTING TREES. SEE SWALE DETAIL ON SHEET 2.

Plant List			
Quan.	Key	Botanical Name	Common Name
<b>Shrubs</b>			
50	AK	<i>Abelia x grandiflora</i> 'Kaleidoscope' PPF# 16,988	Kaleidoscope Abelia
11	COC	<i>Chamaecyparis obtusa</i> 'Crippsii'	Crippsii Hinoki Falsecypress
54	DM	<i>Distylium myricoides</i> 'PIDIST-II' PPAF	Blue Cascade Distylium
39	HBV	<i>Hypericum x 'Cflipc-1'</i> PPAF	Blue Velvet St. John's Wort
22	VD	<i>Viburnum dentatum</i> 'Christom'	Blue Muffin Arrowwood Viburnum
<b>Grasses</b>			
572	MC	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass
<b>Perennials</b>			
259	IS	<i>Iris sibirica</i> 'Ceasar's Brother'	Ceasar's Brother Siberian Iris

PLANT BED PERIMETER;  
TREAT AND MULCH AS A BED

EXISTING PLANT BED PERIMETER;  
SEE NOTE



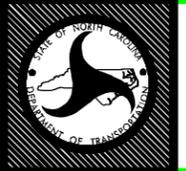
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I-26 & NC 108 INTERCHANGE  
 LANDSCAPE PLANTING PHASE II  
 COLUMBUS, POLK COUNTY



LANDSCAPE DEVELOPMENT  
 PLANTING PLAN  
 A & B QUADRANTS

PRELIMINARY DESIGN DATE: SEPT. 3, 2013  
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SHEET NO: 5  
 TOTAL SHEET NO: 5