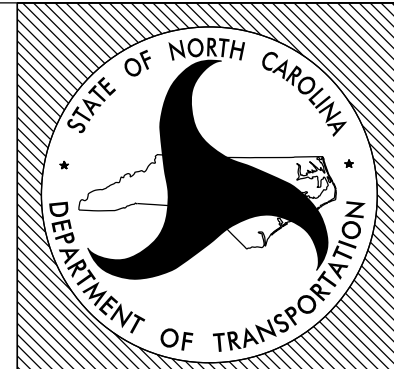
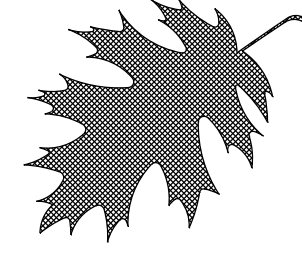


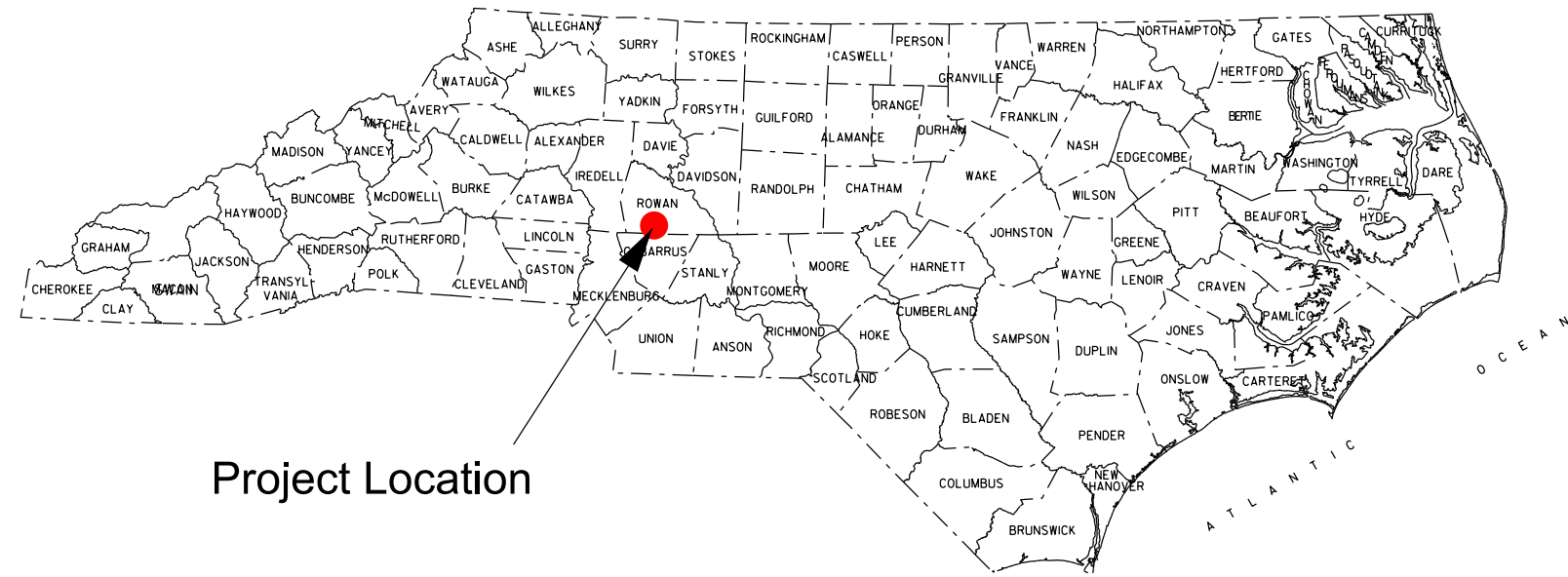
PROJECT: Cabarrus and Rowan County - I-85 from Lane Street, SR 2180 (Exit 63) to US 29-601 Connector (Exit 68)



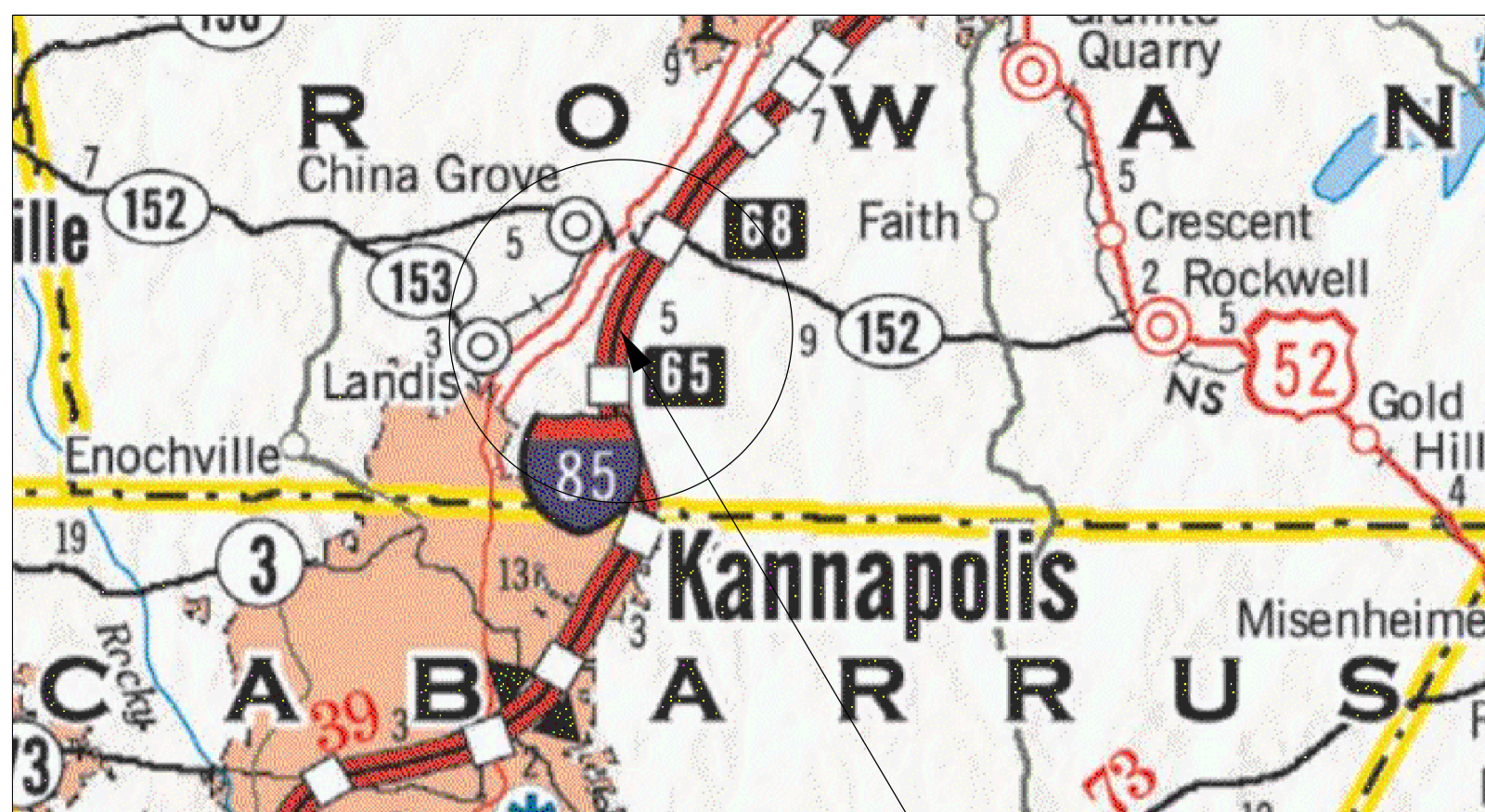
STATE OF NORTH CAROLINA - DEPARTMENT OF TRANSPORTATION



PROPOSED HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



Vicinity Map



Project Location

Summary of Quantities

Quantity	Unit	Key	Botanical Name	Common Name	Furnish	Spacing
PLANT MATERIALS						
Small Ornamental Trees						
51	EA	AG	<i>Amelanchier x grandiflora</i>	Autumn Brilliance Serviceberry	2-2 1/2" Cal., B&B, SS, Well Branched	20' OC
52	EA	CC	<i>Cercis canadensis</i> 'Appalachian Red'	Appalachian Red Redbud	2-2 1/2" Cal., B&B, SS, Well Branched	20' OC
42	EA	CV	<i>Chionanthus virginicus</i> 'CV1049'	Serenity Fringetree	3-3 1/2" Cal., B&B, SS, Well Branched	20' OC
6	EA	CF	<i>Cornus florida</i> 'Cherokee Princess'	Cherokee Princess Dogwood	1 1/2-2" Cal., B&B, SS, Well Branched	20' OC
12	EA	CS	<i>Cotinus obovatus</i>	Smoketree 'Cotton Candy'	1 1/2-2" Cal., B&B, SS, Well Branched	20' OC
Shade Trees						
29	EA	BN	<i>Betula nigra</i>	Water Birch	2-2 1/2" Cal., B&B, Well Branched	As shown
17	EA	CO	<i>Carya ovata</i>	Shagbark Hickory	2-2 1/2" Cal., B&B, Well Branched, Sgl. Straight Leader	As shown
8	EA	CK	<i>Cladostis kentukea</i>	Yellowwood	Branched, Sgl. Straight Leader	25' OC
35	EA	GD	<i>Gymnocladus dioica</i> 'Espresso-JFS'	Espresso Kentucky Coffeetree	2-2 1/2" Cal., B&B, Well Branched, Sgl. Straight Leader	30' OC
45	EA	NS	<i>Nyssa sylvatica</i> 'Wildfire'	Wildfire Black Tupelo	2-2 1/2" Cal., B&B, Well Branched, Sgl. Straight Leader	30' OC
8	EA	PO	<i>Platanus occidentalis</i>	American Sycamore	Sgl. Straight Leader	As shown
5	EA	QL	<i>Quercus lyrata</i> 'Highbeam'	Highbeam Overcup Oak	3-3 1/2", Min. 14', B&B, Sgl. Leader	30' OC
34	EA	QP	<i>Quercus phellos</i> 'QPSTA' PP13,677	Hightower Willow Oak	3-3 1/2", Min. 14', B&B, Sgl. Leader	30' OC
11	EA	QS	<i>Quercus shumardii</i> 'QSFC' P.P.#14,424	Pansche Shumard Oak	3-3 1/2", Min. 14', B&B, Sgl. Leader	30' OC
17	EA	TD	<i>Taxodium distichum</i> 'Mickelton'	Shawnee Brave Baldcypress	3-3 1/2" Cal., B&B, Well Branched, Sgl. Straight Leader	30' OC
2	EA	UA	<i>Ulmus americana</i> 'Jefferson'	Jefferson American Elm	3-3 1/2", Min. 14', B&B, Sgl. Leader	30' OC
Evergreen Trees						
9	EA	IO	<i>Ilex opaca</i> 'Dan Fenton'	Dan Fenton American Holly	6-7', B&B Heavy	As shown
67	EA	JB	<i>Juniperus virginiana</i> 'Burki'	Burki Red Cedar	6-7', B&B Heavy	As shown
10	EA	JV	<i>Juniperus virginiana</i> Sp.	Easter Red Cedar	8-10', B&B Heavy	As shown
Shrubs						
983	EA	AA	<i>Aronia arbutifolia</i> 'Brilliantissima'	Brilliant Chokeberry	18-24", #3 Cont., Min. 3 Canes	6' OC
8	EA	CA	<i>Calliandra americana</i>	Beautyberry	18-24", #3 Cont., Min. 3 Canes	6' OC
81	EA	CH	<i>Clethra alnifolia</i> 'Hummingbird'	Hummingbird Summersweet	15-18", #3 Cont., Min. 3 Canes	4' OC
69	EA	CR	<i>Clethra alnifolia</i> 'Ruby Spice'	Ruby Spice Summersweet	18-24", #3 Cont., Min. 3 Canes	4' OC
109	EA	DS	<i>Diervilla sessilifolia</i> 'Butterfly'	Butterfly Bush Honeysuckle	15-18", #3 Cont., Min. 3 Canes	3' OC
4	EA	IRS	<i>Ilex verticillata</i> 'Jim Dandy'	Jim Dandy Winterberry	15-18", #3 Cont., Min. 3 Canes	6' OC
40	EA	IRS	<i>Ilex verticillata</i> 'Red Sprite'	Red Sprite Winterberry	15-18", #3 Cont., Min. 3 Canes	6' OC
126	EA	IWR	<i>Ilex verticillata</i> 'Southern Gentleman'	Southern Gentleman Winterberry	18-24", #3 Cont., Min. 3 Canes	6' OC
1133	EA	IWR	<i>Ilex verticillata</i> 'Winter Red'	Winter Red Winterberry	18-24", #3 Cont., Min. 3 Canes	6' OC
25	EA	IV	<i>Ilex vomitoria</i>	Yaupon Holly	18-24", #3 Cont., Min. 3 Canes	4' OC
31	EA	TO	<i>Thuja occidentalis</i> 'Smaragd'	Emerald American Arborvitae	6-7', B&B Heavy	As shown
Herbaceous Perennials, Bulbs, Corms, Tubers, Ornamental Grasses, Ground Covers and Vines						
1160	EA	EP	<i>Echinacea purpurea</i> 'Kim's Knee High'	Kim's Knee High Purple Coneflower	#1 Cont. Fully Rooted	18" OC
Other Plantings						
11.93	Acre		Reforestation			
Special Shrub Planting - 0.32 Acres						
218	EA		<i>Ceanothus americanus</i>	New Jersey Tea	18-24", #3 Cont., Min. 3 Canes	4' OC
305	EA		<i>Diervilla sessilifolia</i> 'G2X88544'	Kodiak Orange Bush Honeysuckle	18-24", #3 Cont., Min. 3 Canes	4' OC
248	EA		<i>Itea virginica</i> 'Henry's Garnet'	Henry's Garnet Virginia Sweetspire	18-24", #3 Cont., Min. 3 Canes	4' OC
OTHER ITEMS						
20,968	SY		Post-Emergence Herbicidal Treatment for Plant Beds			
20,968	SY		Pre-Emergence Herbicidal Treatment for Plant Beds			
3,590	CY		Mulch for Planting			
199	M/G		Water for Planting			
9,580	SF		Decorative Pavement			
690	Ton		River Stone			
1,182	Pound		Seed for Supplemental Seeding			
2	Ton		Fertilizer Topdressing			
2	Acres		Seeding and Mulching (Turfgass)			
45	Acres		Mowing			
0.15	Acres		Topsail Grading			
173	SqYd		Sod			
363	CY		Topsail			
Establishment Period						
1	LS		Monthly Maintenance			
1	LS		Mobilization (1% Total of Pay Items)			

Notes:
Ilex verticillata 'Jim Dandy' is the male pollinator for 'Red Sprite'. *Ilex verticillata* 'Southern Gentleman' is the male pollinator for 'Winter Red'. Intersperse approximately 10% of the total quantity of each bed with the appropriate male pollinator.

T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	TOTAL SHEETS
I - 3802B	36780.1.2	1	17
FED. PROJ. #	DESCRIPTION	DIVISION	
	I - 85 from SR 2180 to US 29-601	9	

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:

-Title, Description, Location and Summary of Quantities
-Planting and Pavement Details
-Reforestation and Special Shrub Planting
- 4-17....Planting Plans

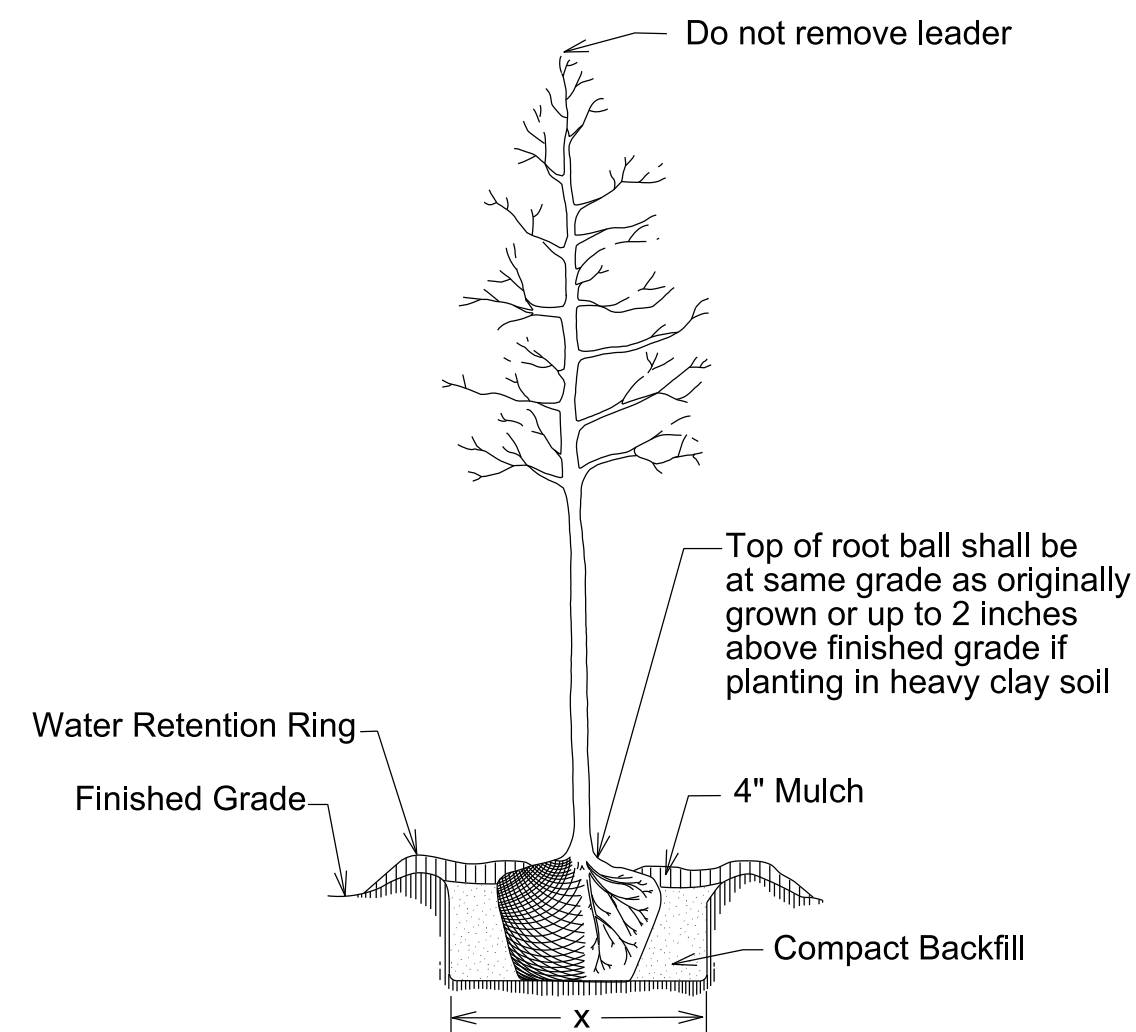
I - 85 from SR 2180 to US 29-601 Connector

Cabarrus and Rowan County

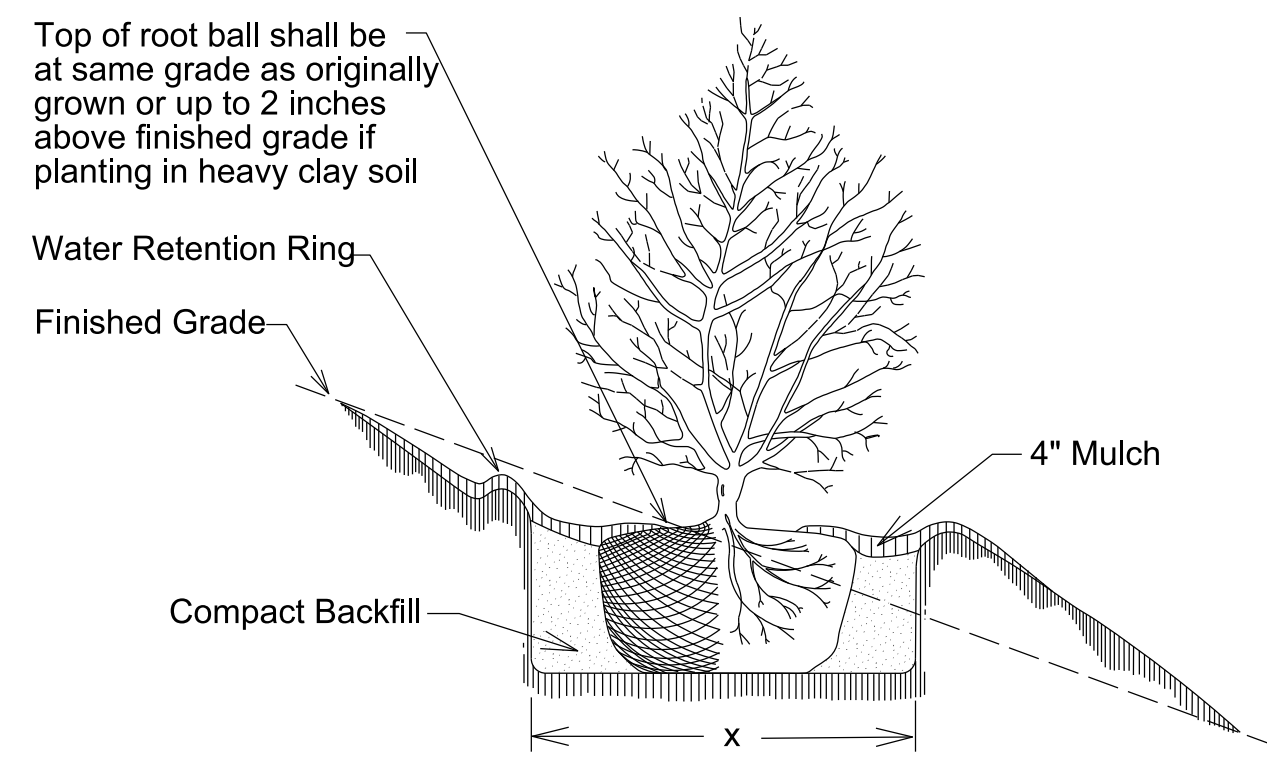
LANDSCAPE PLANTING

FINAL DESIGN PLANS

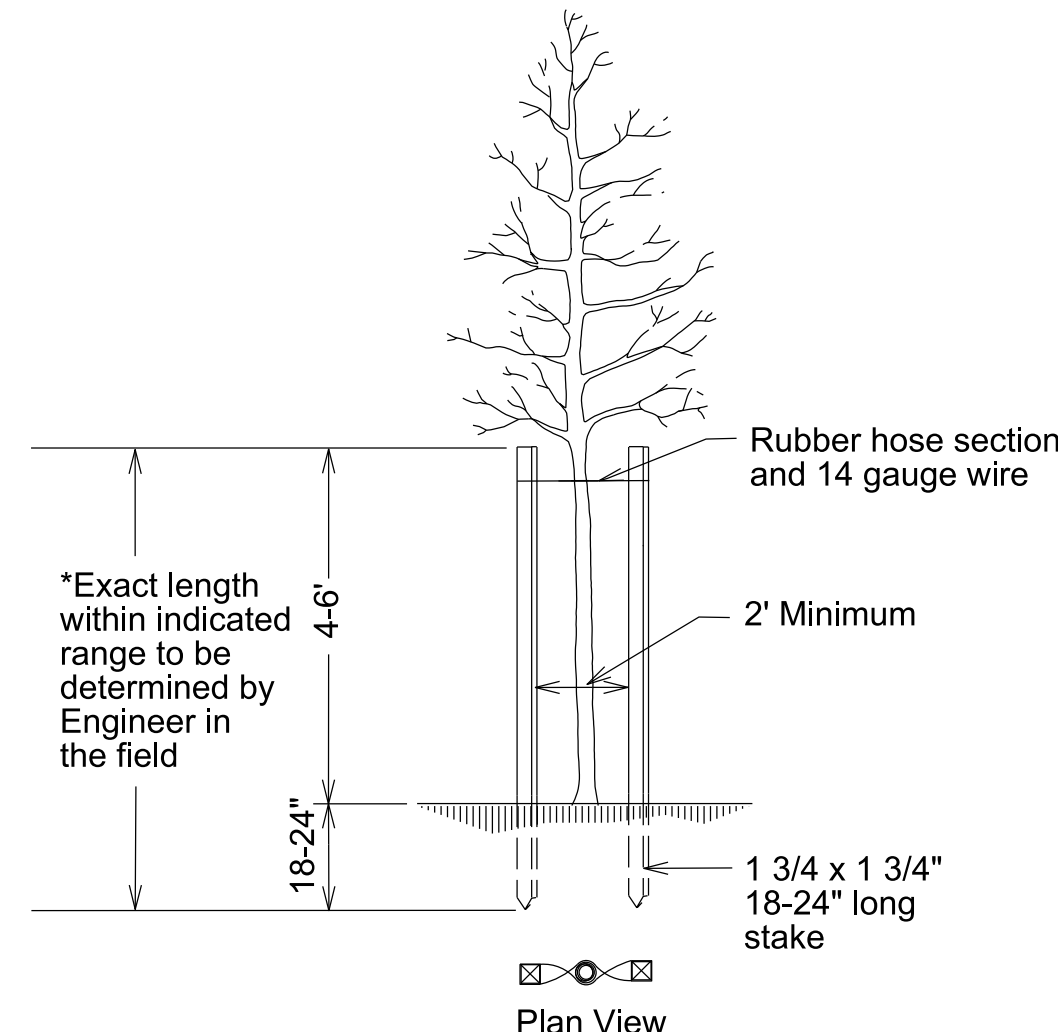
PLANS PREPARED FOR: NCDOT- Roadside Environmental Unit Aesthetic Engineering Section 1557 Mail Service Center Raleigh NC 27699 Contact: Jeff Lackey - jefflackey@ncdot.gov	PROJECT ADMINISTRATION: NCDOT- Division Nine 375 Silas Creek Parkway Winston Salem, NC 27127 Division Engineer - Pat Ivey, PE Roadside Environmental Department 405 Polo Road Winston Salem, NC 27105 Contact: Daniel Horne - dmhorne@ncdot.gov	PLANS PREPARED BY: Michael Baker International 8000 Regency Parkway Cary, NC 27518 Connie Morgan - Aesthetics Designer Fred N. Grogan Jr. - Landscape Architect Michael Baker International	2018 NCDOT Standard Specifications 2014 American Standard for Nursery Stock Conceptual Design Date: March, 2021 Preliminary Design Date: November 9, 2021 Final Design Date: February 18, 2022 Revision Dates:	DIVISION	9	SHEET	1	TOTAL SHEETS	17
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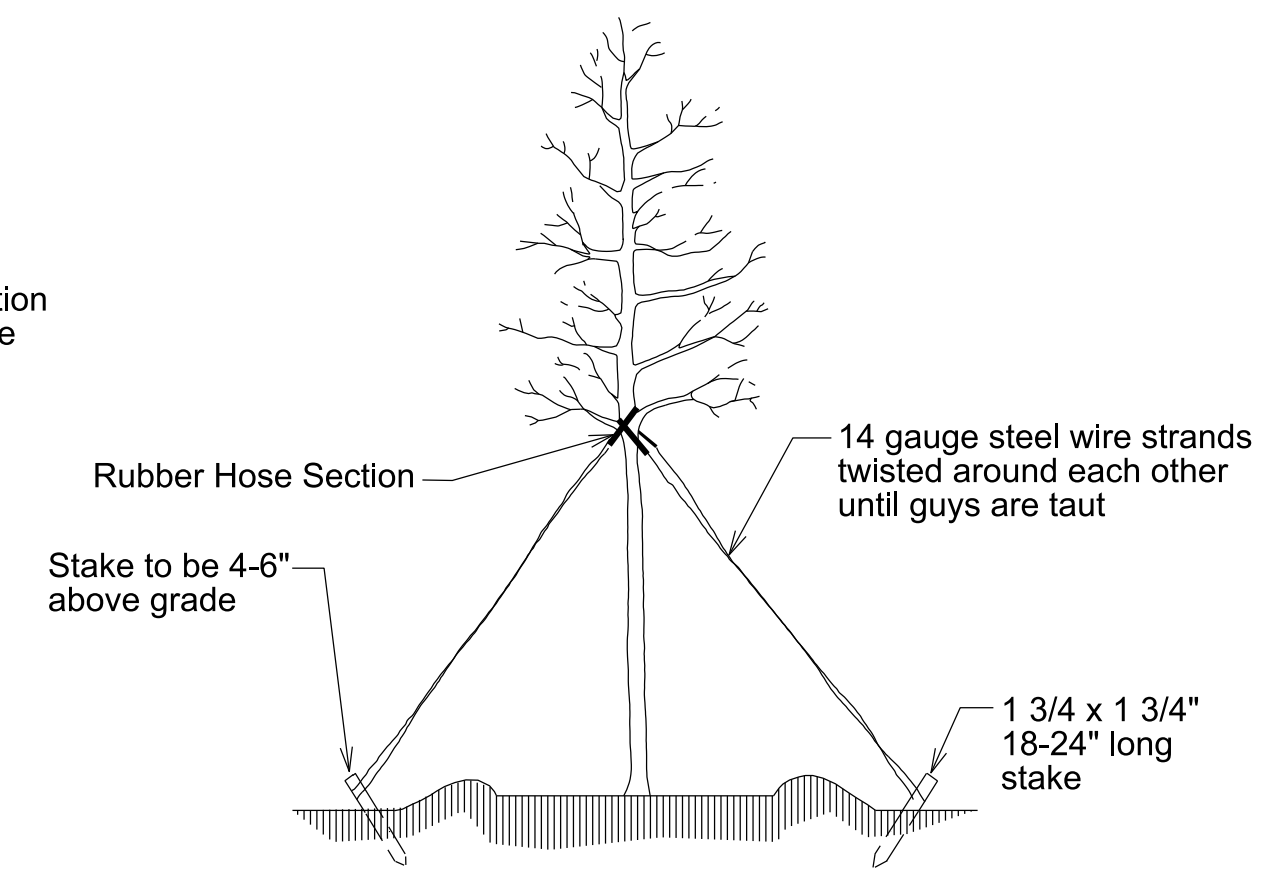
Tree or Shrub Planting Detail (Level Ground)



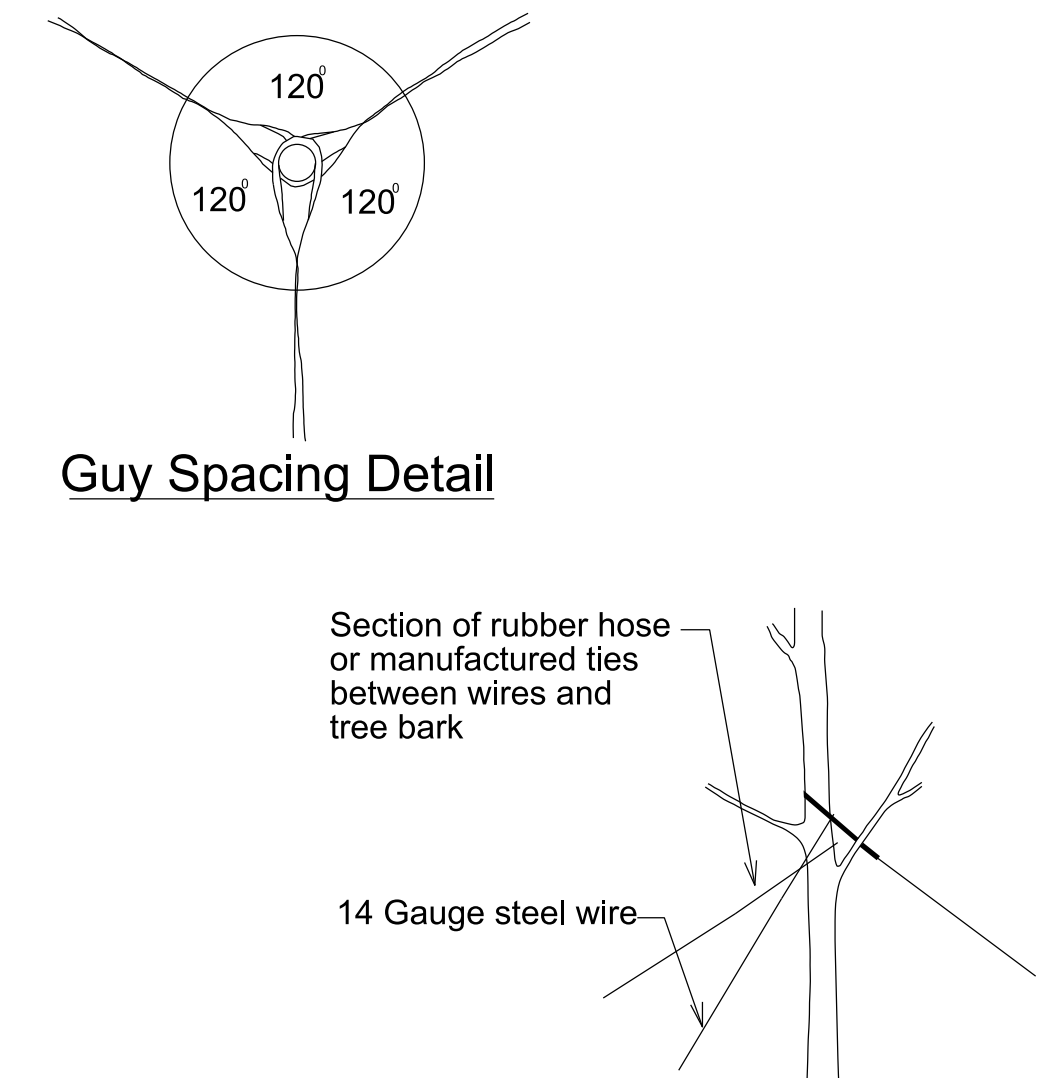
Tree or Shrub Planting Detail (Sloping Ground)



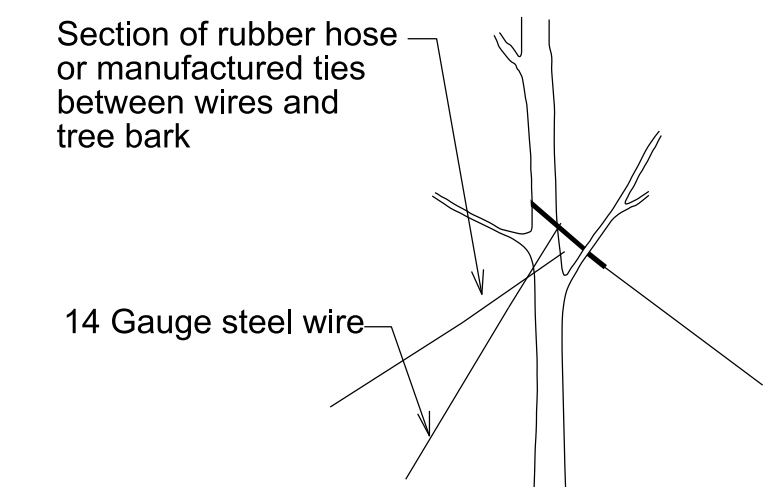
Staking Detail (for trees 6' to 10')
* Utilize staking detail only if requested by the Engineer.



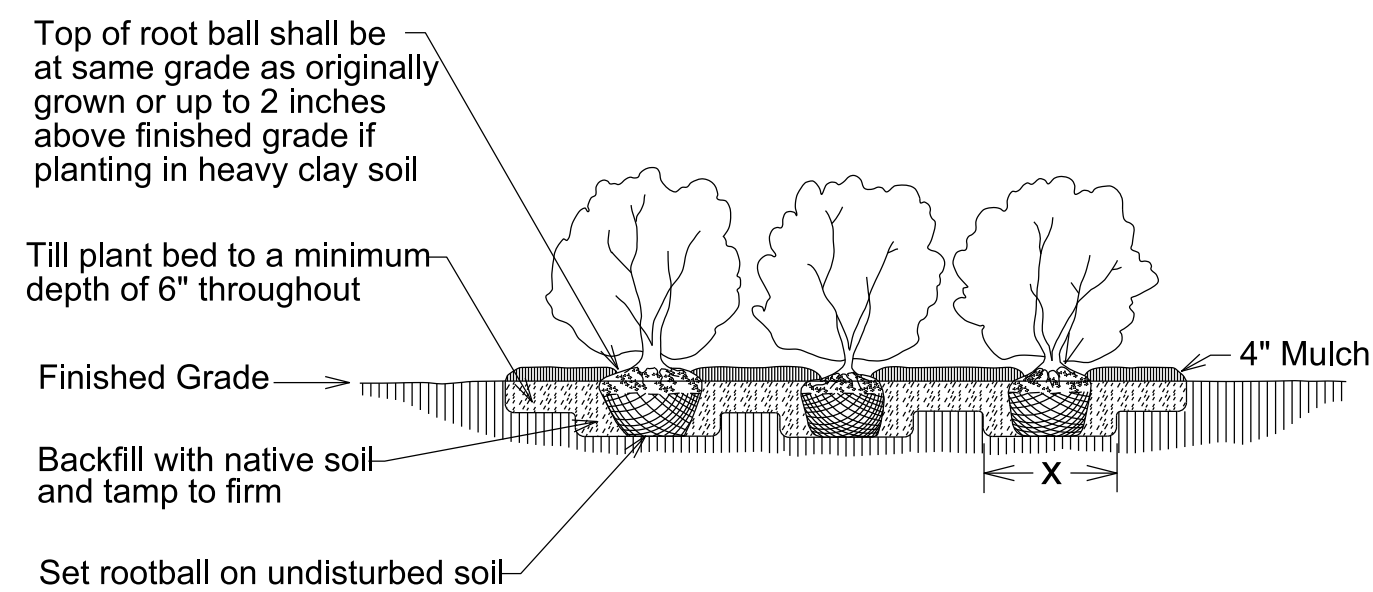
Tree Guying Detail (for trees 10' or larger)
* Utilize guying detail only if requested by the Engineer.



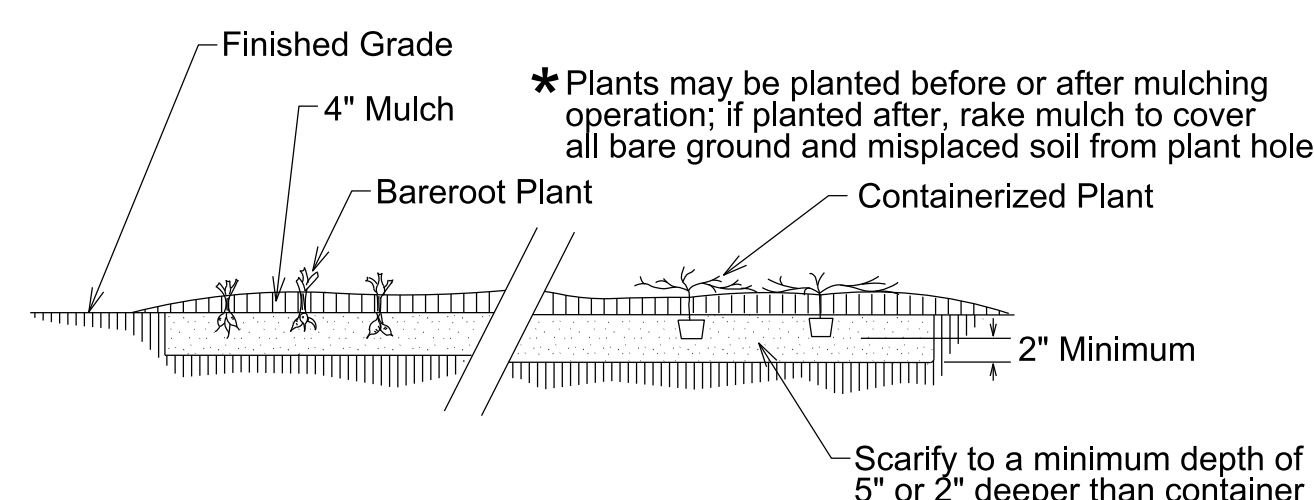
Guy Spacing Detail



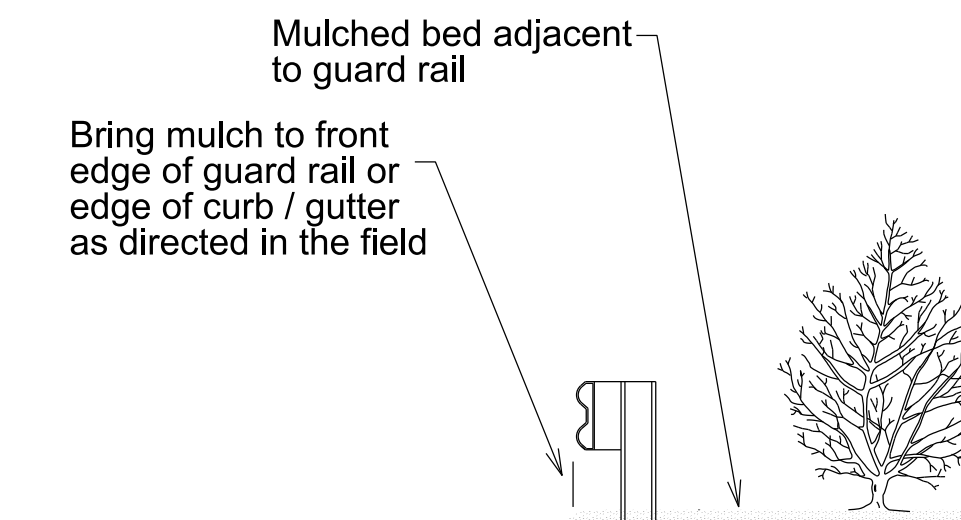
Guy Tying Detail



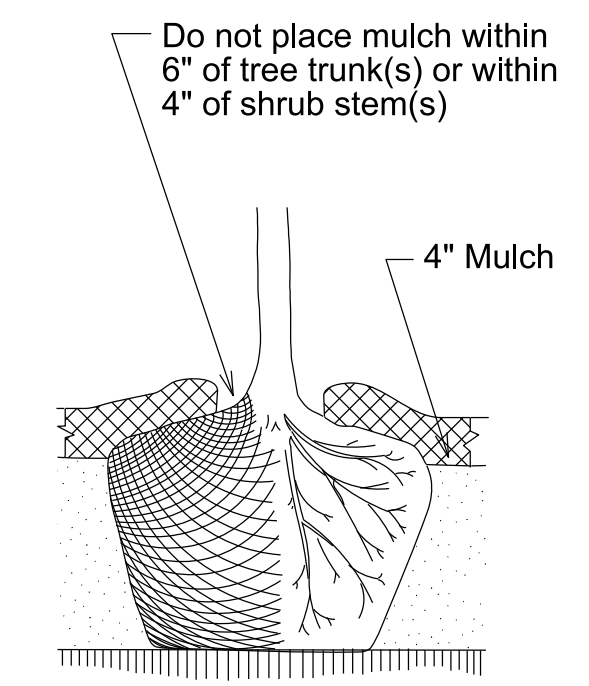
Bed Planting Detail



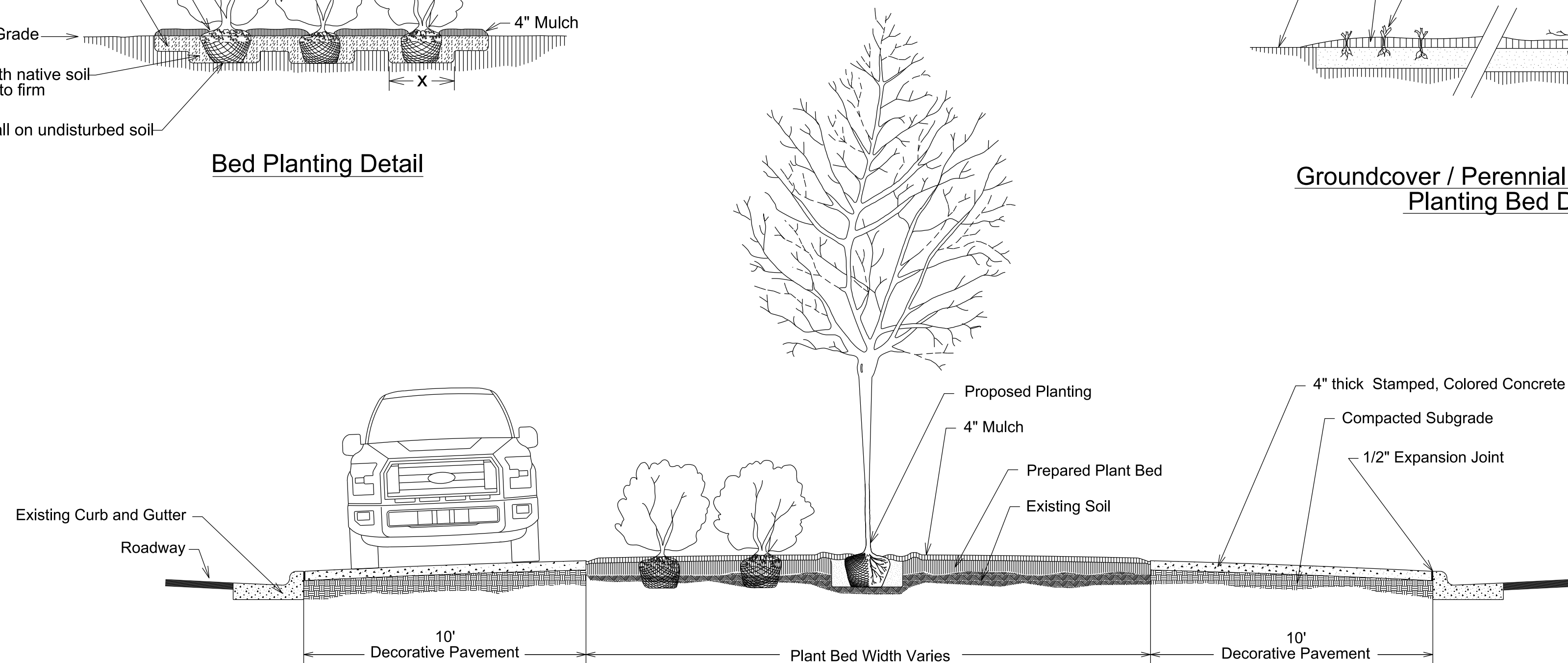
Groundcover / Perennial / Native Grass Planting Bed Detail



Plant Bed / Guard Rail Detail



Mulch Detail

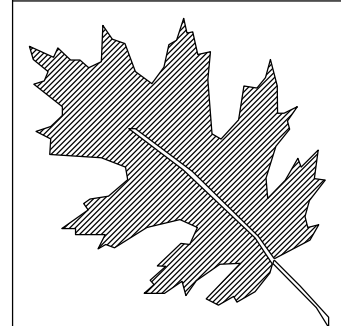


Decorative Pavement Detail - Stamped Concrete

Planting Detail Notes:

- See Standard Specifications for Plant Bed preparation and herbicidal treatment
- When mulched bed is adjacent to guard rail run mulch to front edge of guardrail - see detail
- Plant Hole: X = 2 times the diameter of the container or the root ball. Depth of plant hole shall be equal to depth of root ball. Root ball shall be set on undisturbed soil and top of root ball shall be set at same grade as was grown.
- Any pruning necessary shall follow current standard arboricultural practices and International Society of Arboriculture recommendations
- 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 backfill, topsoil or scarified soil.
- Tree guying or staking materials manufactured specifically for this purpose may be substituted for the wire and staking materials shown in this detail. Any substitutions of material or method must be approved by the Engineer prior to installation.
- Backfill plant hole with native soil unless soil is determined to be unacceptable. Remove rocks greater than 3 inches, foreign materials and construction debris from backfill material. If native soil cannot be used, use soil with properties similar to that in the area.
- 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.
- 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" of tree trunk or 4" of shrub trunk.
- All staking and guying materials as well as plant material tags from the nursery shall be removed from the plants upon final acceptance of the project or at the end of the establishment period.

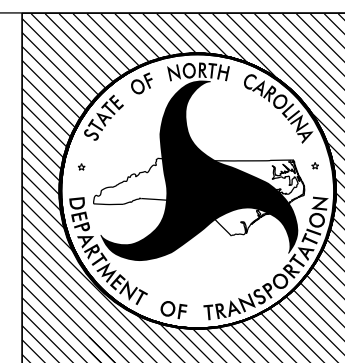
- Notes:
- Decorative Pavement is continuous at each end of the median island where there is no plant bed.
 - Stamped Pattern is Flagstone.
 - Color to be used is Smokey Beige.
 - Construct stamped concrete in accordance NCDOT Standard Specifications section 825.
 - Place joints in stamped concrete in accordance with NCDOT Standard Drawings 846.01 & 852.01 & with NCDOT Standard Specifications sections 846 and 852.



**NCDOT - Roadside Environmental Unit
Aesthetic Engineering Section**
1557 Mail Service Center Raleigh, NC 27699-1557
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Michael Baker International
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Cary, NC 27518
mbakerintl.com

NCDOT - Division Nine
Division Engineer - Pat Ivey
Division Roadside Department Engineer - Daniel Horne
ncdot.gov/divisions/highways/Pages/division.aspx?Division%6209



Project Description:
I - 3802 B
I - 85 from Lane Street,
SR 2180 (Exit 63) in
Cabarrus County to
US 29-601 connector
(Exit 68) in Rowan County

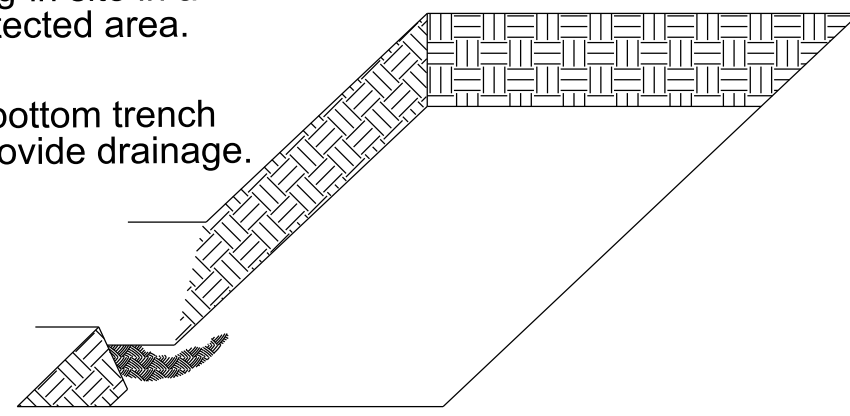
Sheet Description:
Landscape Development
Details (Planting and Pavement)
Division 9 - Forsyth County

Concept Design Date March 25, 2021	Preliminary Design Date November 9, 2021
Final Design Date February 18, 2022	Revision Dates
Sheet: 2	Total Sheets: 17

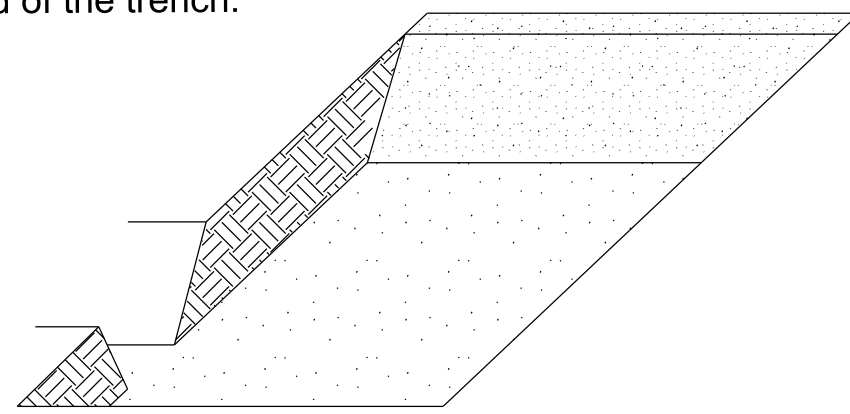
REFORESTATION

HEALING-IN DETAIL

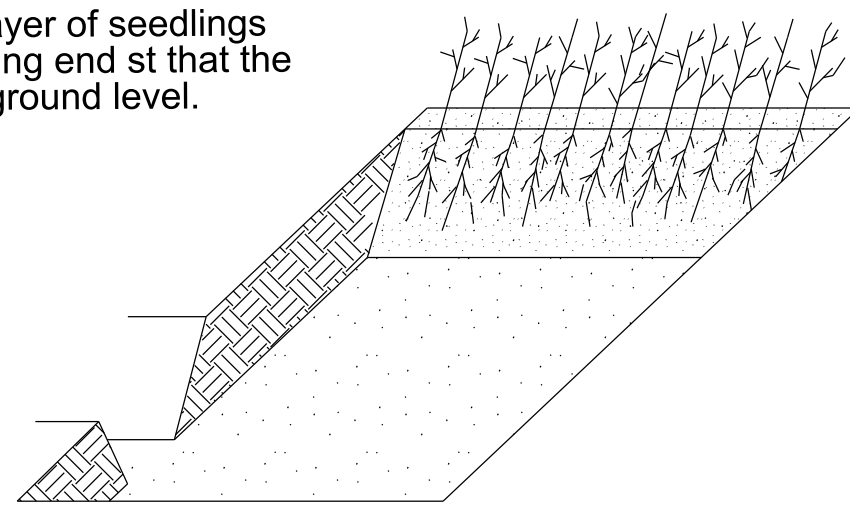
1. Locate a healing-in site in a shady, well protected area.
2. Excavate a flat bottom trench 12" deep and provide drainage.



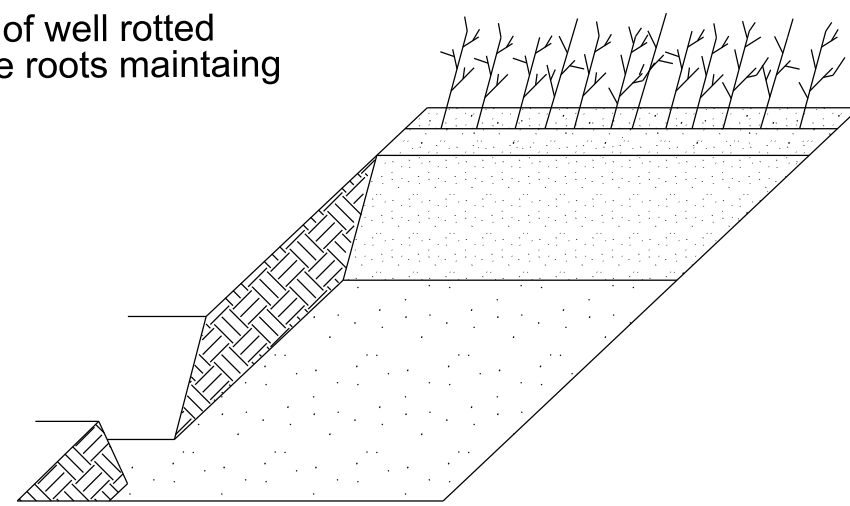
3. Backfill the trench with 2" well rotted sawdust. Place a layer of well rotted sawdust at a sloping angle at one end of the trench.



4. Place a single layer of seedlings against the sloping end so that the root collar is at ground level.



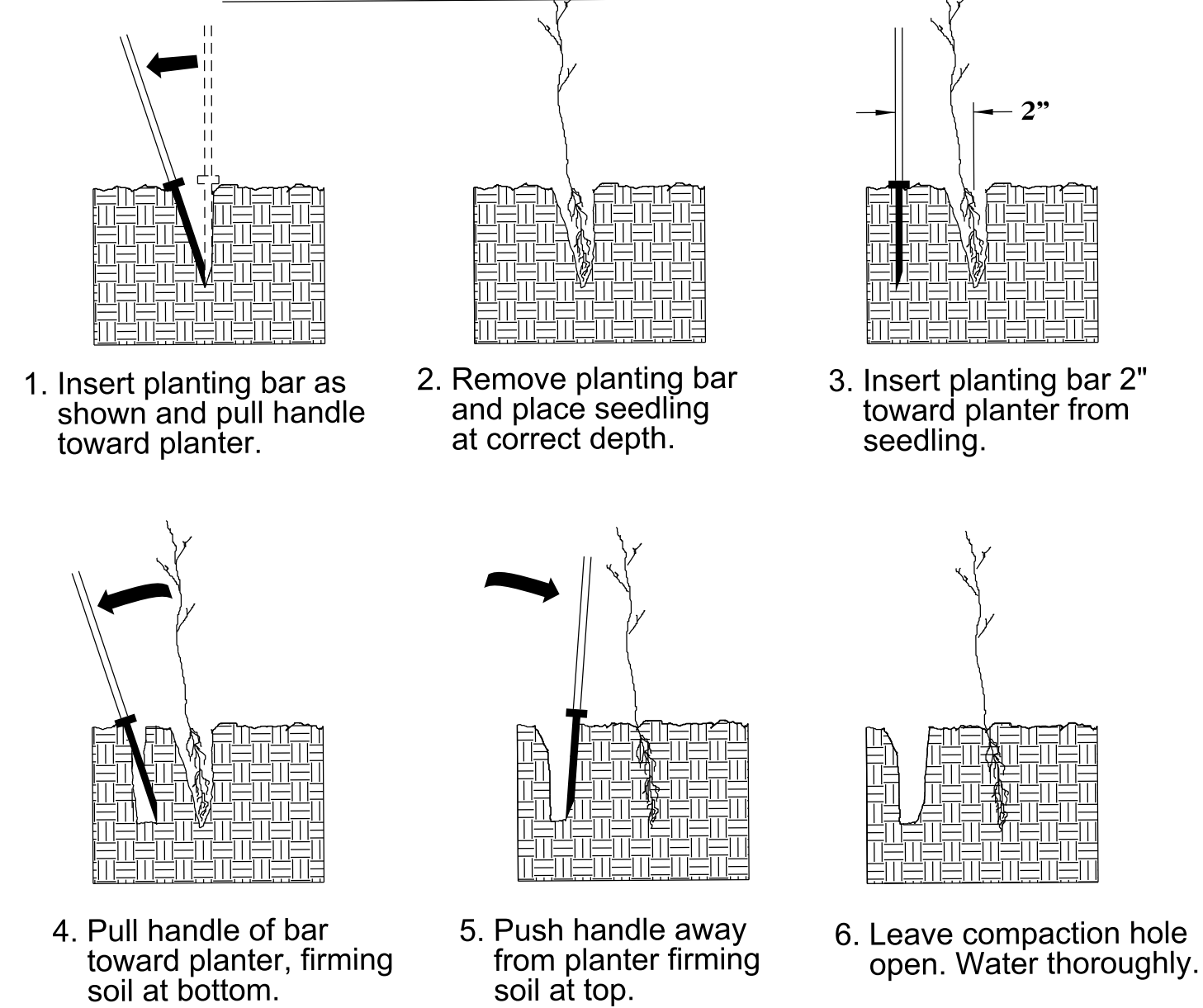
5. Place a 2" layer of well rotted sawdust over the roots maintaining a sloping angle.



6. Repeat layers of seedlings and sawdust as necessary and water thoroughly.

SEEDLING PLANTING DETAIL

Dibble Planting Method using the KBC Planting Bar

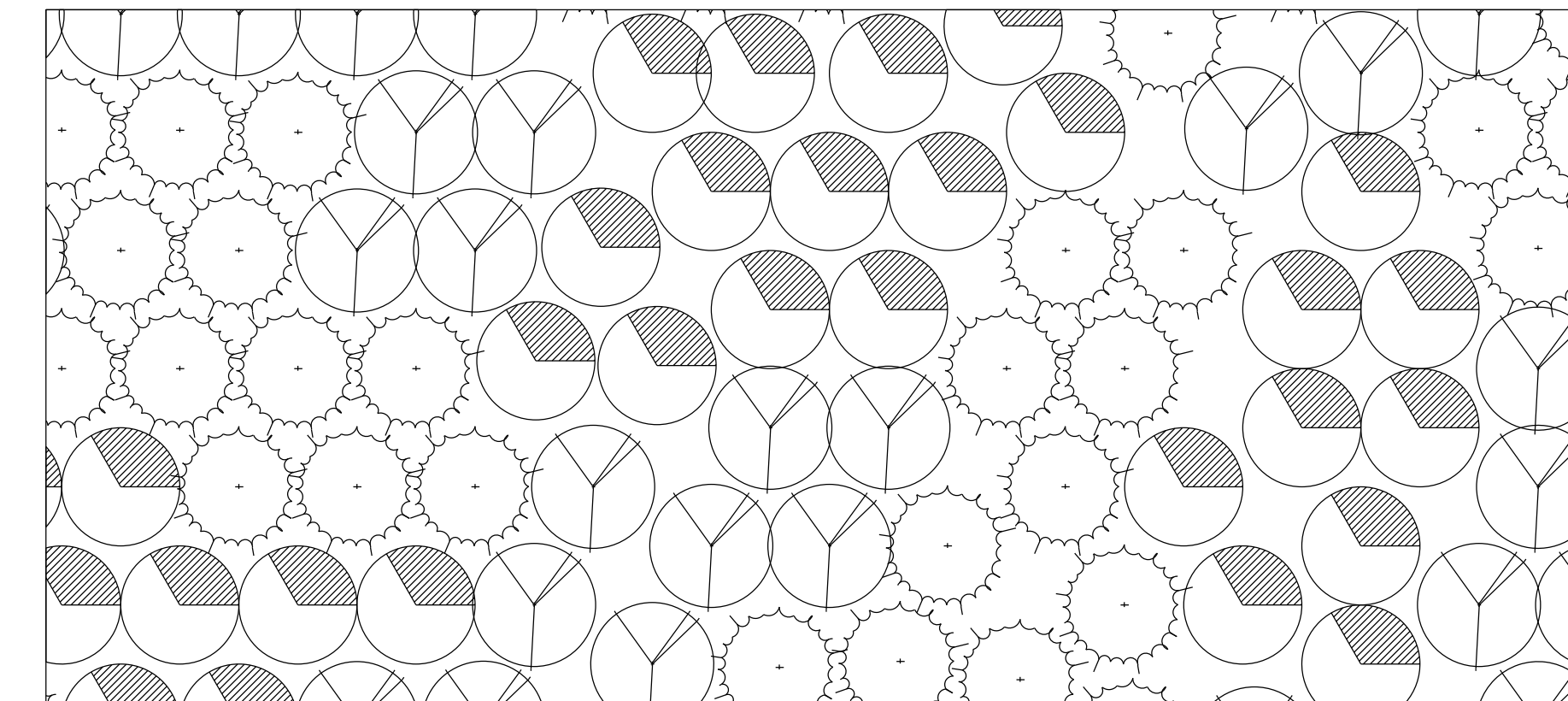


1. Insert planting bar as shown and pull handle toward planter.
2. Remove planting bar and place seedling at correct depth.
3. Insert planting bar 2" toward planter from seedling.
4. Pull handle of bar toward planter, firming soil at bottom.
5. Push handle away from planter firming soil at top.
6. Leave compaction hole open. Water thoroughly.

SPECIAL SHRUB PLANTING

Special Shrub Planting consists of *Ceanothus americanus*, New Jersey Tea, *Diervilla 'G2X88544'*, Kodiak Orange Bush Honeysuckle, and *Itea virginica 'Henry's Garnet'*. Container shrubs shall be planted in groupings of 7 to 21 in a random pattern, mingling the edges of species as shown in detail.

Before installing as shown in the 'Planting Details - Sloping Ground' on Sheet 2, line trim existing vegetation to 6 inches or less, taking care not to scalp the ground. Plants shall be mulched individually. Water as needed.



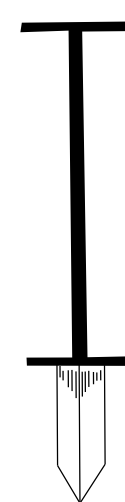
DETAIL OF RANDOM PLACEMENT WITH MINGLED EDGES

REFORESTATION PLANTING NOTES

Planting Bag:
During planting, seedlings shall be kept in a moist canvas bag or similar container, to prevent the root system from drying.



KBC Planting Bar:
Planting bar to be 12" long, 4" wide and 1" thick at the center with a triangular cross section.



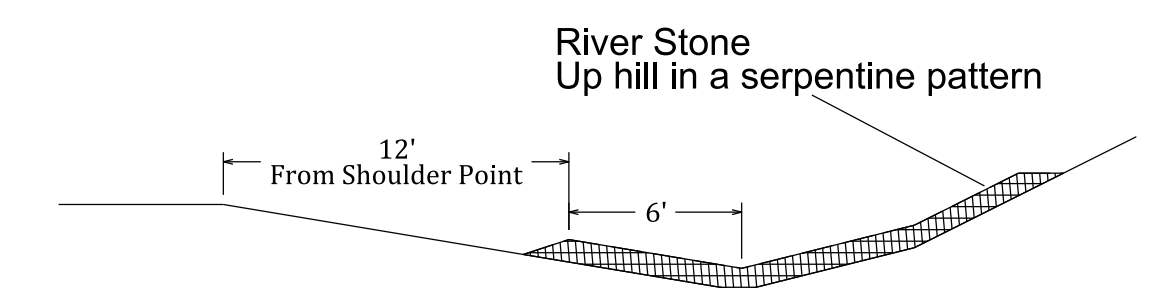
Root Pruning:
All seedlings shall be root pruned, if necessary, so that no roots extend more than 10" below the root collar.

Reforestation shall be planted 8 feet to 12 feet, averaging 10 feet on center and spaced randomly. Total number of plants per acre is approximately 436 seedlings.

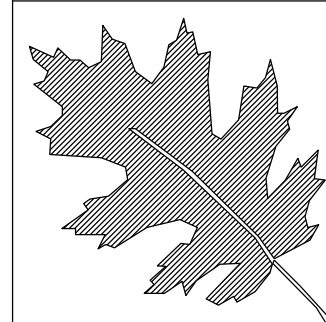
Seedling mixture shall consist of the following species:
 15% *Amelanchier arborea*, Downy Serviceberry (65 plants per acre)
 15% *Cercis canadensis*, Eastern Redbut (65 plants per acre)
 10% *Cornus florida*, Flowering Dogwood (44 plants per acre)
 30% *Oxydendrum arboreum*, Sourwood (131 plants per acre)
 30% *Rhus glabra*, Smooth Sumac (131 plants per acre)
 Species shall be planted grouping 7 to 15 of a single species, mingling the edge of one species with another. See diagram.

All seedlings shall be furnished bare root, 12 to 18 inches minimum, 24 inches maximum and with a minimum root length of 6 inches.

River Stone Installation Detail



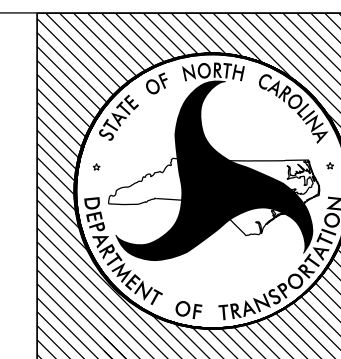
See Sheet 14 for Plan View



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 Aesthetic Engineering Section
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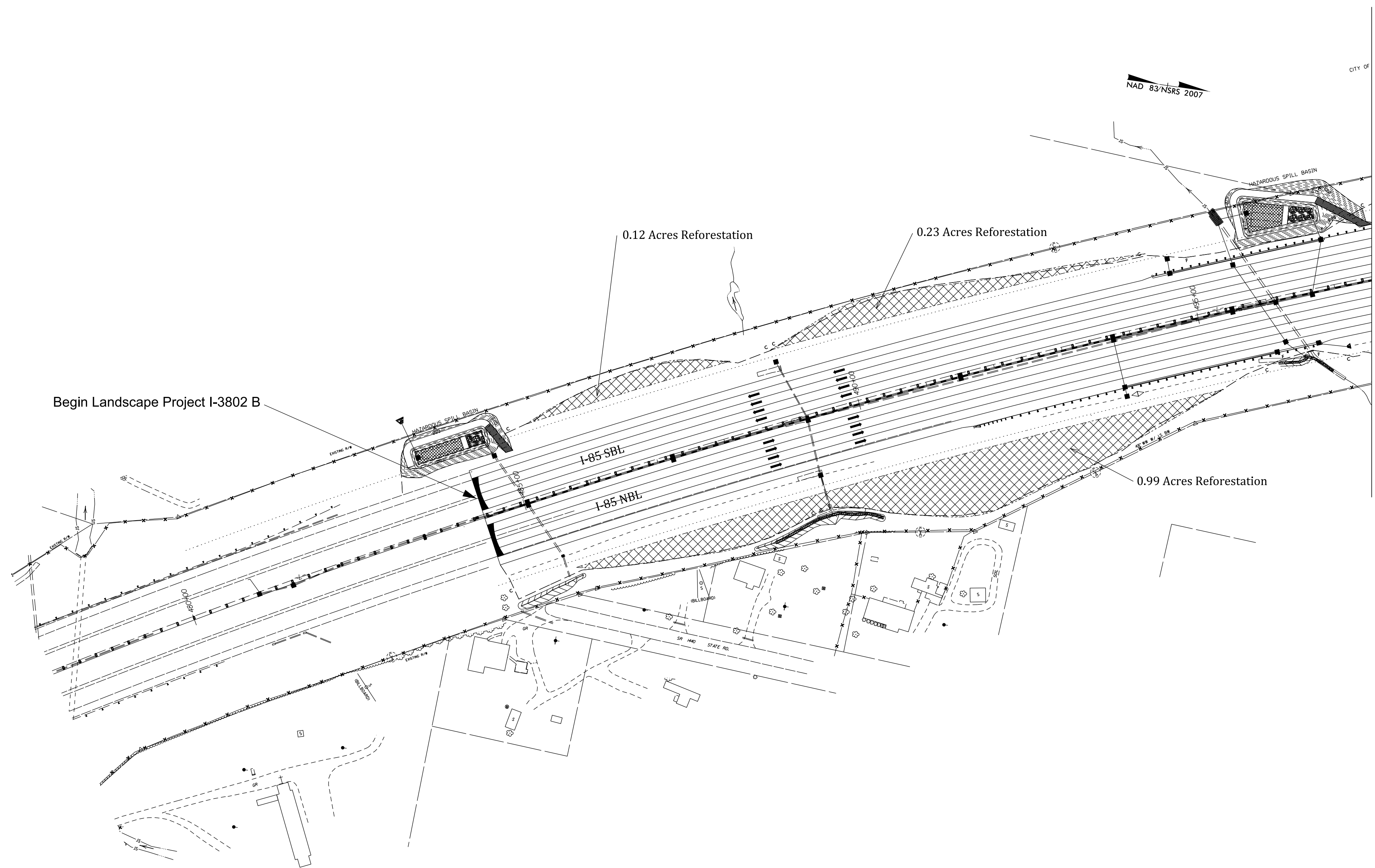
NCDOT - Division Nine
 Division Engineer - Pat Ivey
 Division Roadside Department Engineer - Daniel Horne
ncdot.gov/divisions/highways/Pages/division.aspx?Division%6209



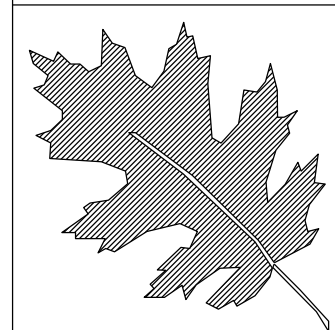
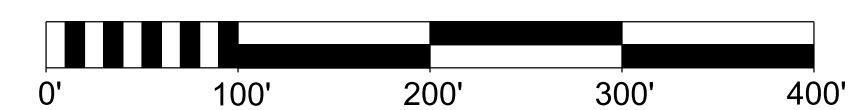
Project Description:
 I - 3802 B
 I - 85 from Lane Street,
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Sheet Description:
 Landscape Development
 Details (Reforestation and
 Special Shrub Planting)
 Division 9 - Forsyth County

Concept Design Date March 25, 2021	Preliminary Design Date November 9, 2021
Final Design Date February 18, 2022	Revision Dates
Sheet: 3	Total Sheets: 17



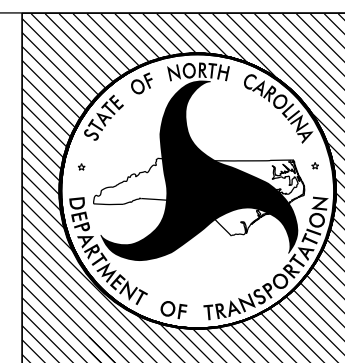
PLANT LIST	
Reforestation - 1.34 Acres	



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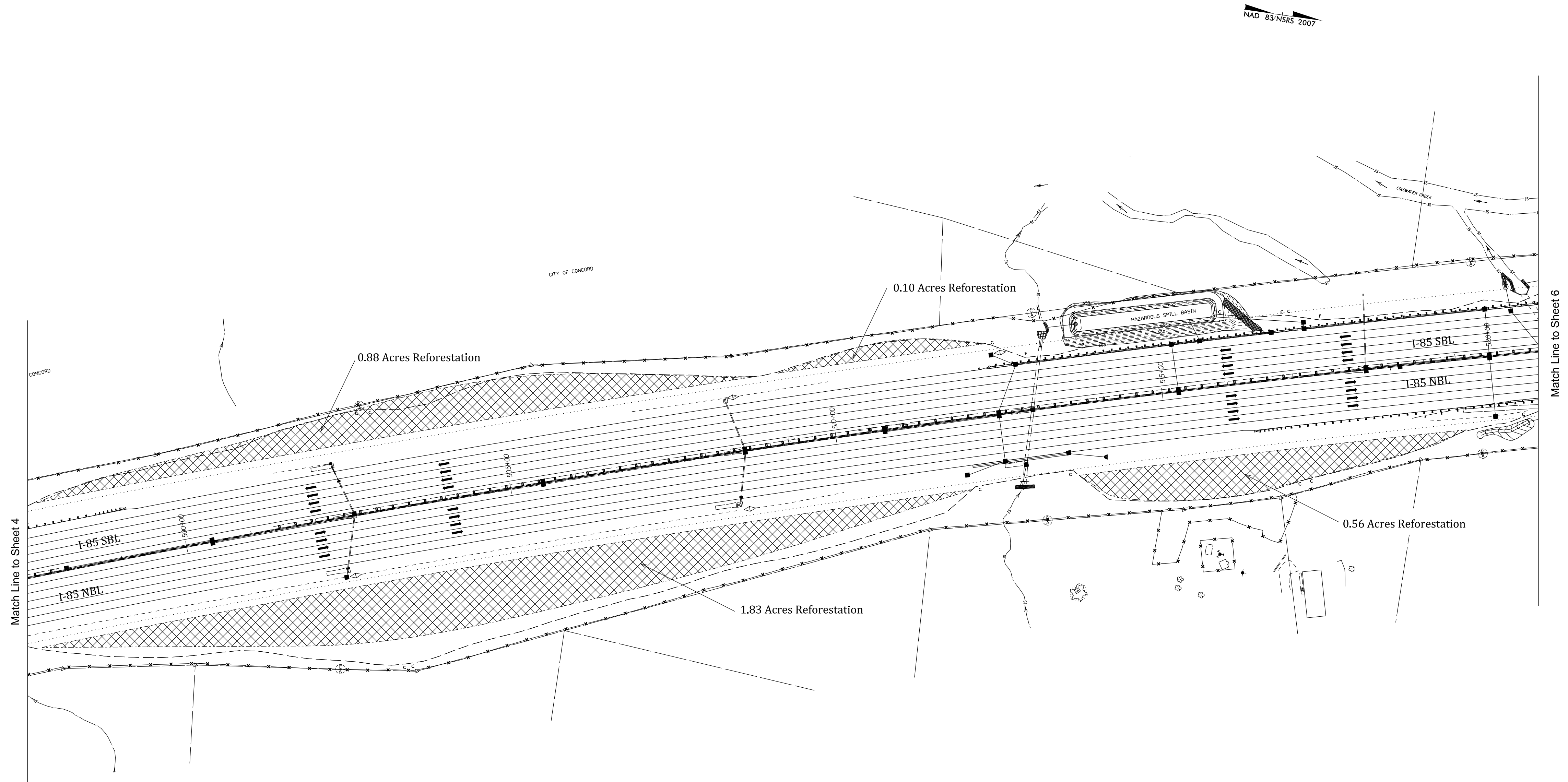
NCDOT - Division Nine
 Division Engineer - Pat Ivey
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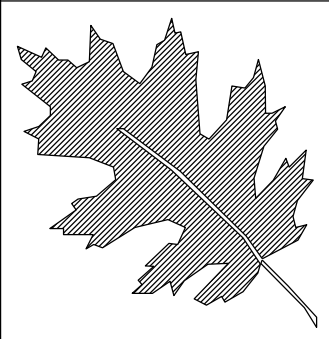
Project Description:
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Sheet Description:
 Landscape Development
 Final Design Plan
 Division 9 - Forsyth County

Concept Design Date March 25, 2021	Preliminary Design Date November 9, 2021
Final Design Date February 18, 2022	Revision Dates
Sheet: 4	Total Sheets: 17



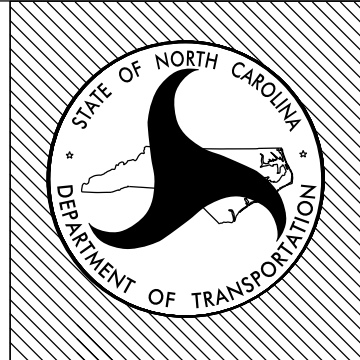
PLANT LIST
 Reforestation - 3.27 Acres



NCDOT - Roadside Environmental Unit
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 1557 Mail Service Center Raleigh, NC 27699-1557
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connect.ncdot.gov/resources/roadside/Pages/Aesthetic-Engineering.aspx

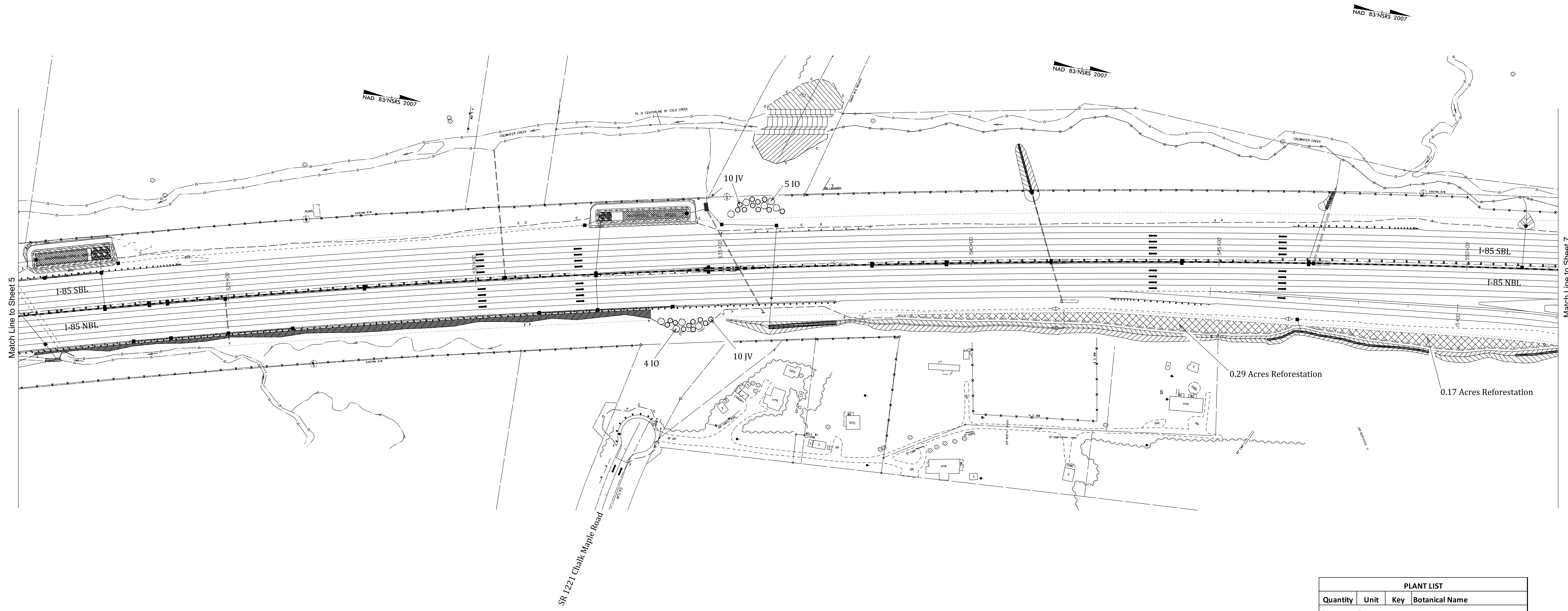
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 Division Engineer - Pat Ivey
 Division Roadside Department Engineer - Daniel Horne
ncdot.gov/divisions/highways/Pages/division.aspx?Division%6209

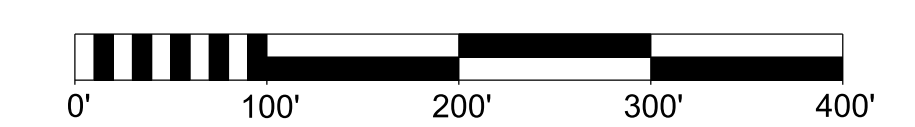


I - 3802 B
 I - 85 from Lane Street,
 SR 2180 (Exit 63) in
 Cabarrus County to
 US 29-601 connector
 (Exit 68) in Rowan County

Sheet Description:	Landscape Development		Concept Design Date March 25, 2021	Preliminary Design Date November 9, 2021
	Final Design Plan		Final Design Date February 18, 2022	Revision Dates
	Division 9 - Forsyth County		Sheet: 5	Total Sheets: 17



PLANT LIST			
Quantity	Unit	Key	Botanical Name
Evergreen Trees			
9	EA	IO	<i>Ilex opaca</i> 'Dan Fenton'
20	EA	JV	<i>Juniperus virginiana</i> 'Burkii'
Reforestation - 0.46 Acres			

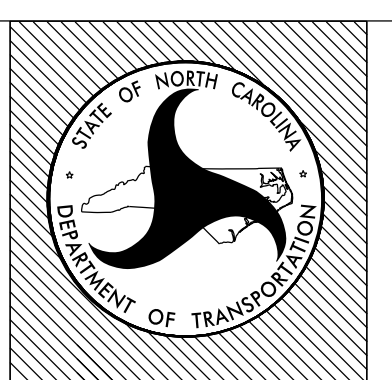




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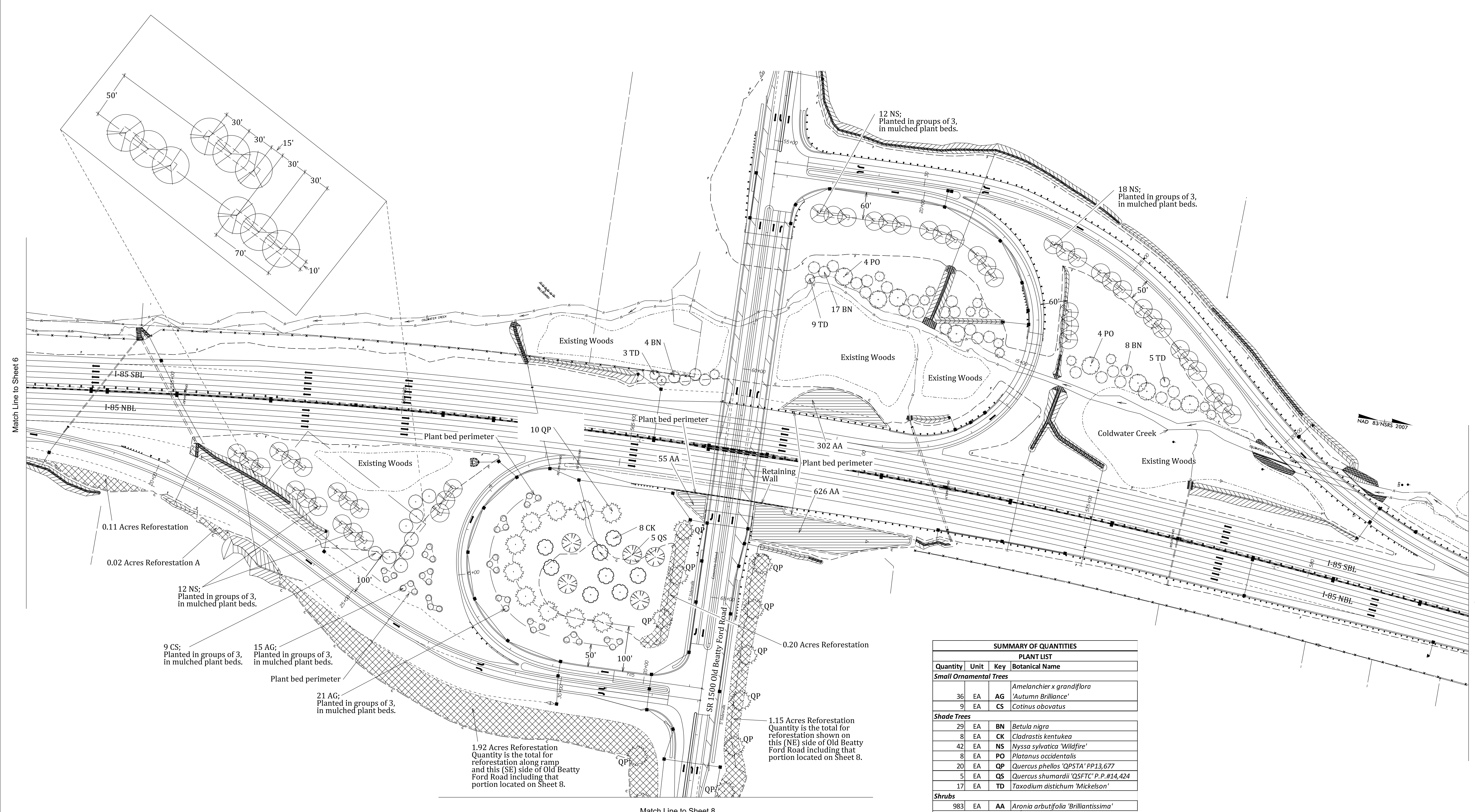
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Project Description:
I - 3802 B
 I - 85 from Lane Street,
 SR 2180 (Exit 63) in
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Sheet Description:	Landscape Development		Concept Design Date March 25, 2021	Preliminary Design Date November 9, 2021
	Final Design Plan		Final Design Date February 18, 2022	Revision Dates
	Division 9 - Forsyth County		Sheet: 6	Total Sheets: 17



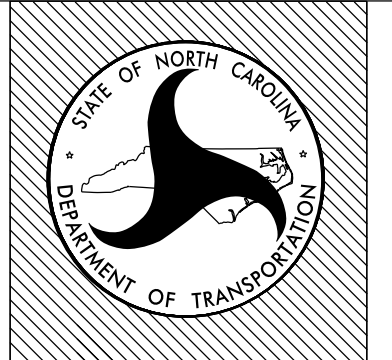
SUMMARY OF QUANTITIES			
PLANT LIST			
Quantity	Unit	Key	Botanical Name
Small Ornamental Trees			
36	EA	AG	<i>Amelanchier x grandiflora</i> 'Autumn Brilliance'
9	EA	CS	<i>Cotinus obovatus</i>
Shade Trees			
29	EA	BN	<i>Betula nigra</i>
8	EA	CK	<i>Cladrastis kentukea</i>
42	EA	NS	<i>Nyssa sylvatica</i> 'Wildfire'
8	EA	PO	<i>Platanus occidentalis</i>
20	EA	QP	<i>Quercus phellos</i> 'QPSTA' PP13,677
5	EA	QS	<i>Quercus shumardii</i> 'QSFTC' P.P.#14,424
17	EA	TD	<i>Taxodium distichum</i> 'Mickelson'
Shrubs			
983	EA	AA	<i>Aronia arbutifolia</i> 'Brilliantissima'
Reforestation - 3.2 Acres			



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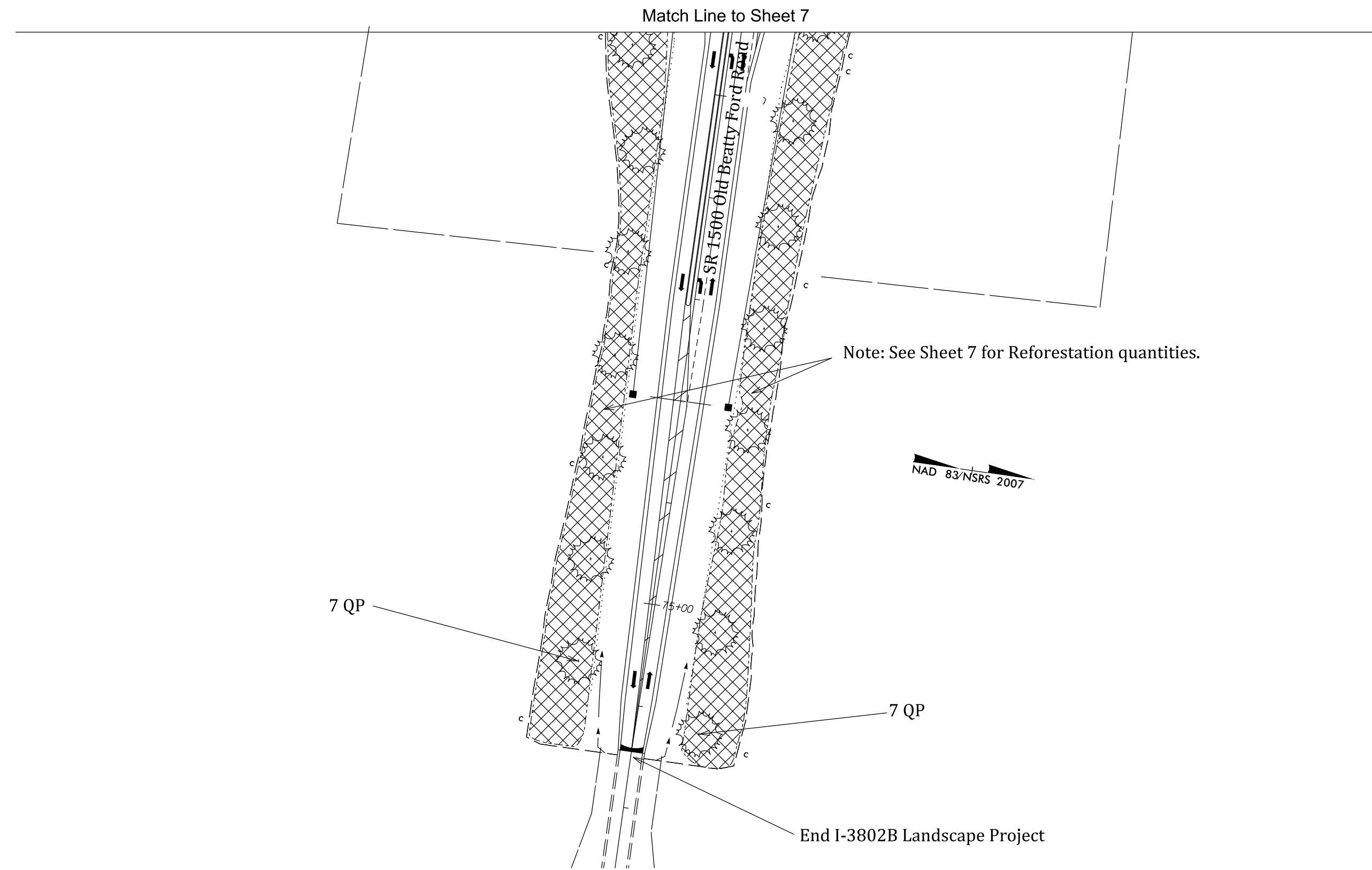
NCDOT - Division Nine
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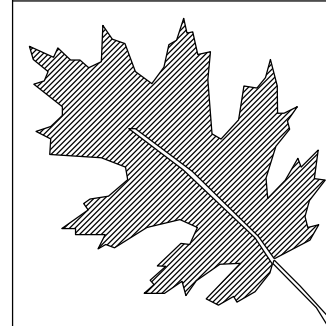
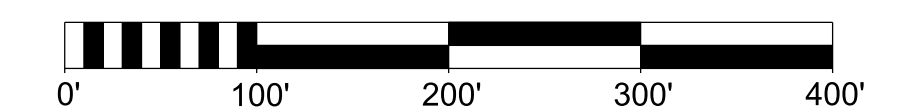
Project Description:
 I - 3802 B
 I - 85 from Lane Street,
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 (Exit 68) in Rowan County

Sheet Description:
 Landscape Development
 Final Design Plan
 Division 9 - Forsyth County

Concept Design Date March 25, 2021	Preliminary Design Date November 9, 2021
Final Design Date February 18, 2022	Revision Dates
Sheet: 7	Total Sheets: 17



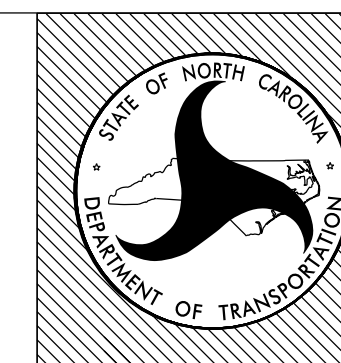
PLANT LIST			
Quantity	Unit	Key	Botanical Name
<i>Shade Trees</i>			
14	EA	QP	<i>Quercus phellos</i> 'QPSTA' PP13,677
<i>Reforestation - See Sheet 7A for Quantity</i>			



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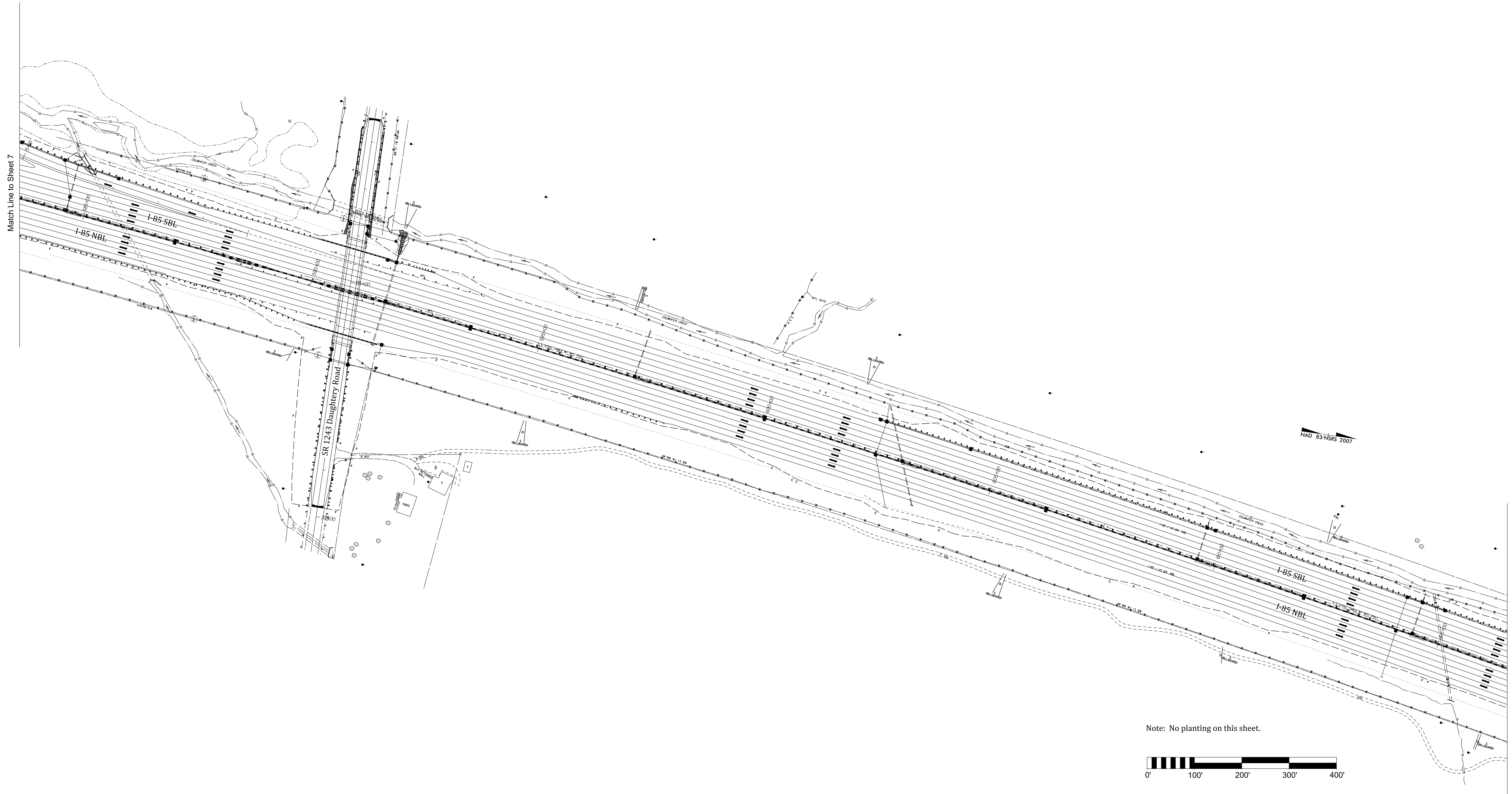
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	Division 9 - Forsyth County	Sheet: 8	Total Sheets: 17	

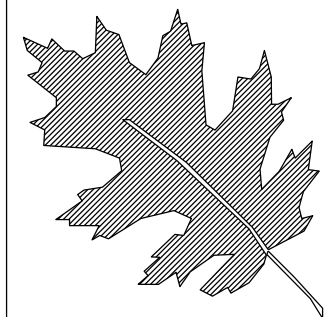
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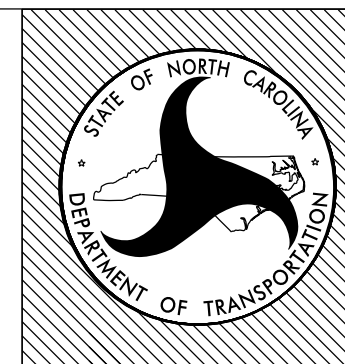
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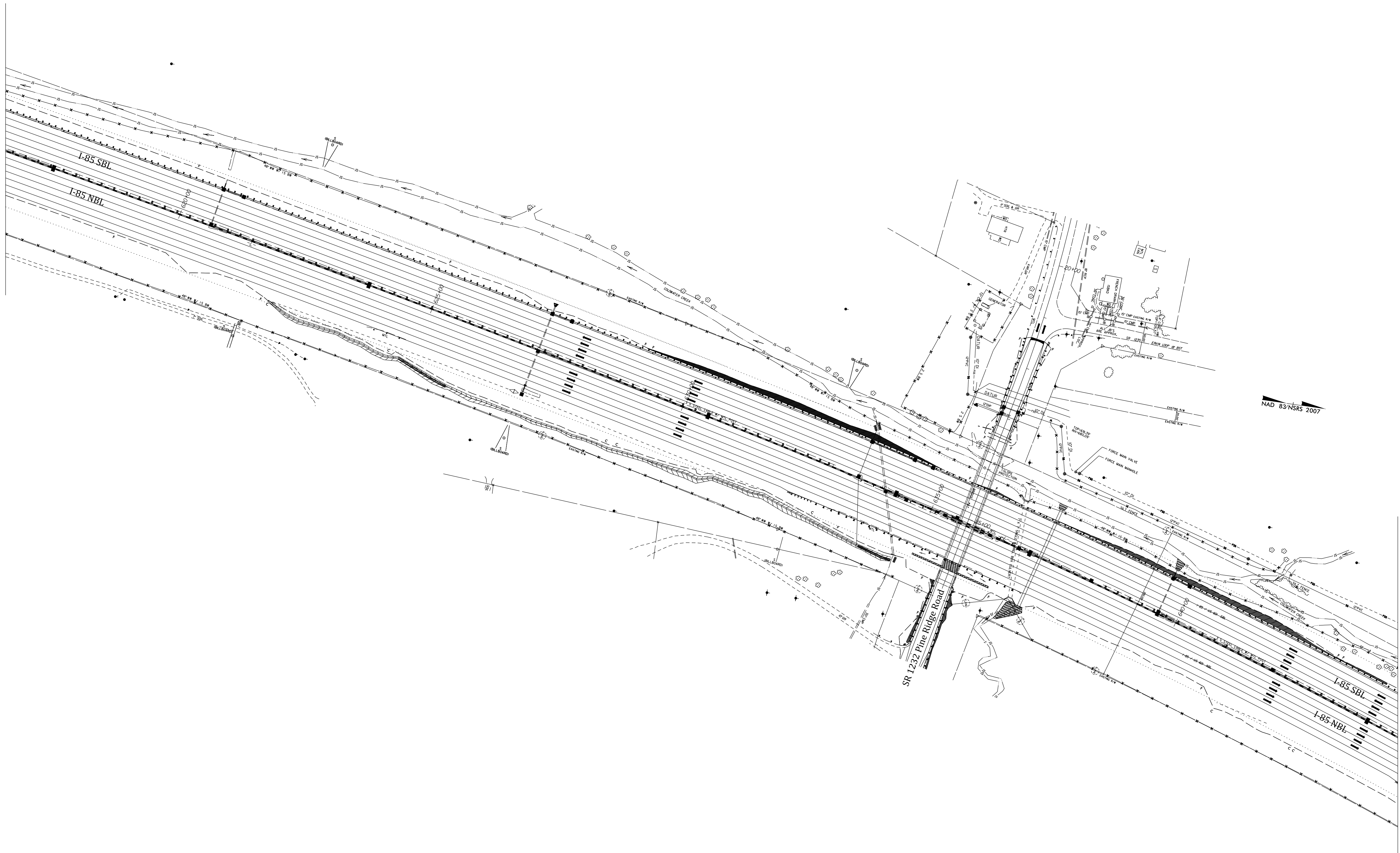


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 I - 3802 B
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 (Exit 68) in Rowan County

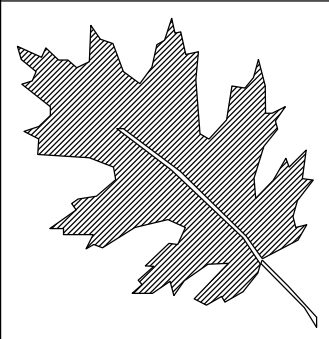
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Landscape Development	Concept Design Date	March 25, 2021	Preliminary Design Date	November 9, 2021
	Final Design Date	February 18, 2022	Revision Dates	
	Sheet:	9	Total Sheets:	17
Division 9 - Forsyth County				

Match Line to Sheet 9



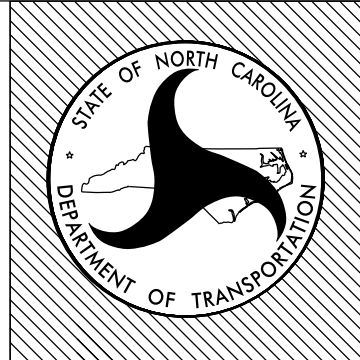
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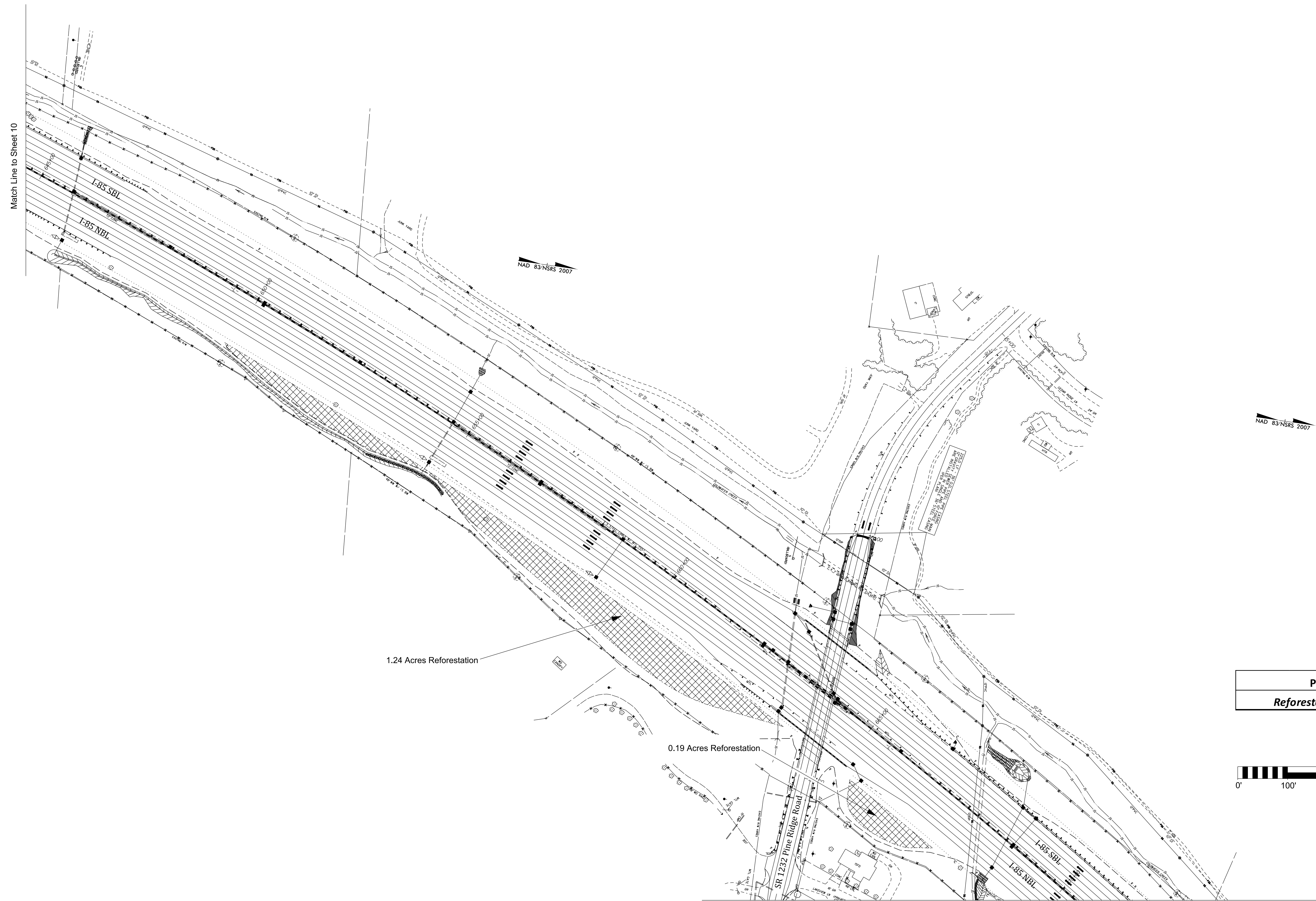
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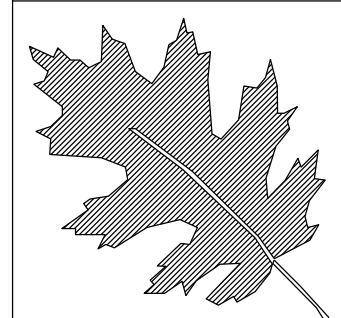
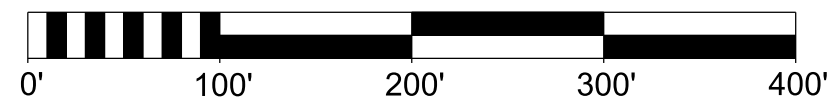
Project Description:
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Sheet Description:
 Landscape Development
 Final Design Plan
 Division 9 - Forsyth County

Concept Design Date March 25, 2021		Preliminary Design Date November 9, 2021	
Final Design Date February 18, 2022		Revision Dates	
Sheet:	10	Total Sheets:	17



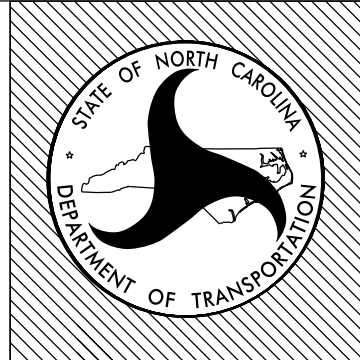
PLANT LIST	
Reforestation - 1.43 Acres	



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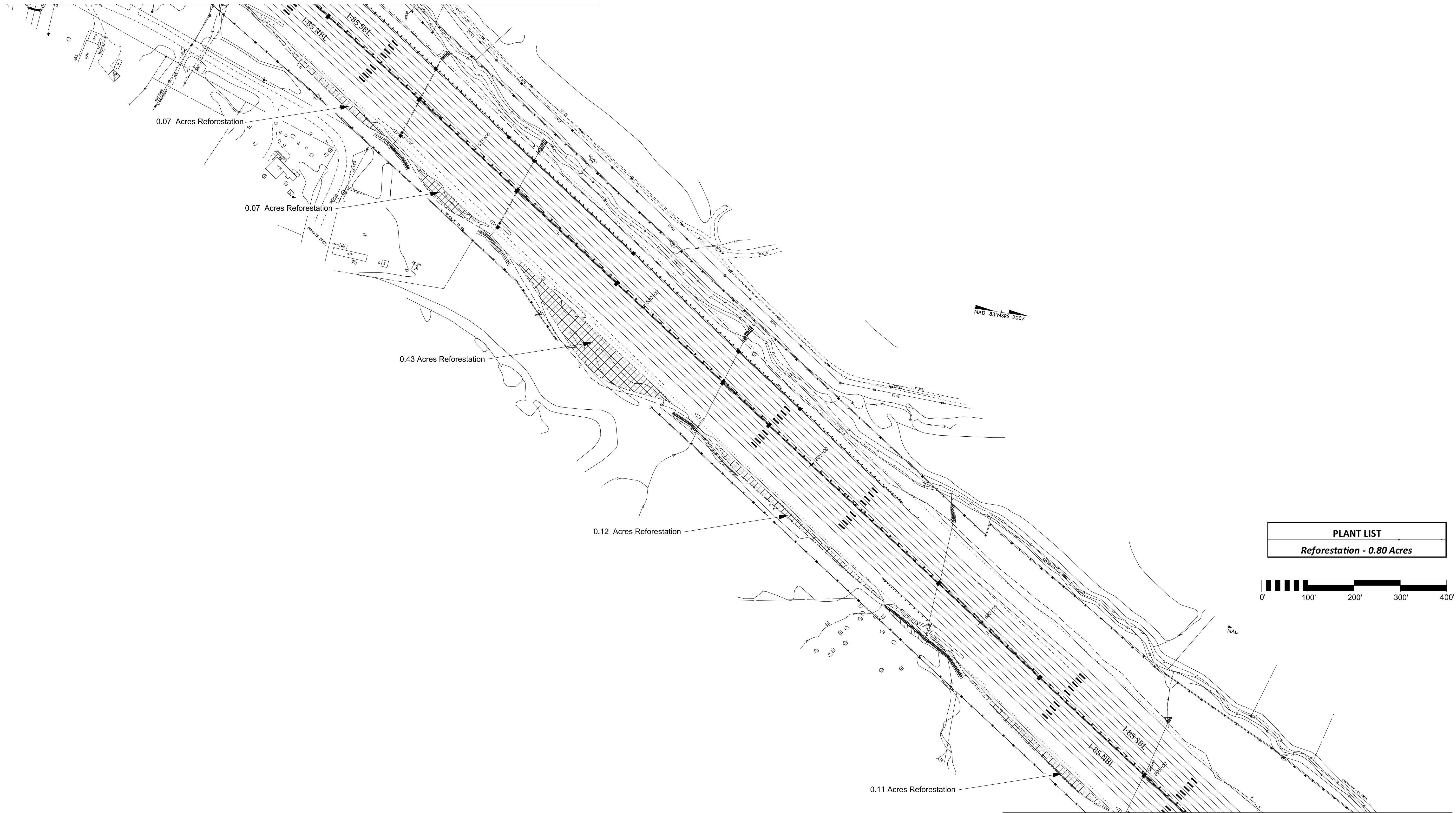


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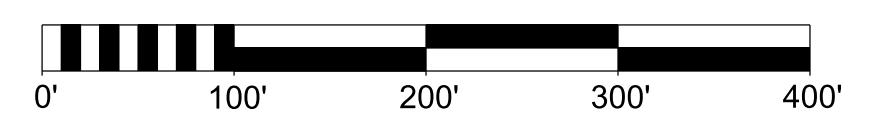
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Landscape Development	Concept Design Date March 25, 2021	Preliminary Design Date November 9, 2021
Final Design Plan	Final Design Date February 18, 2022	Revision Dates
Division 9 - Forsyth County	Sheet: 11	Total Sheets: 17

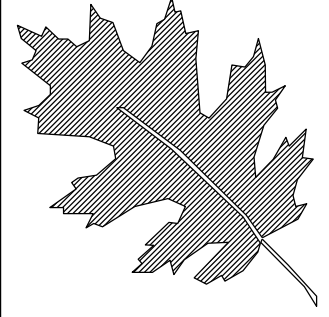
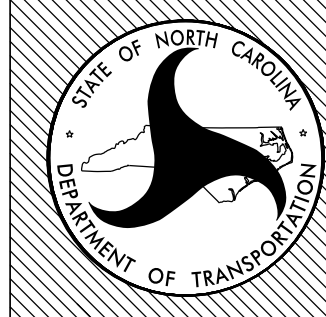
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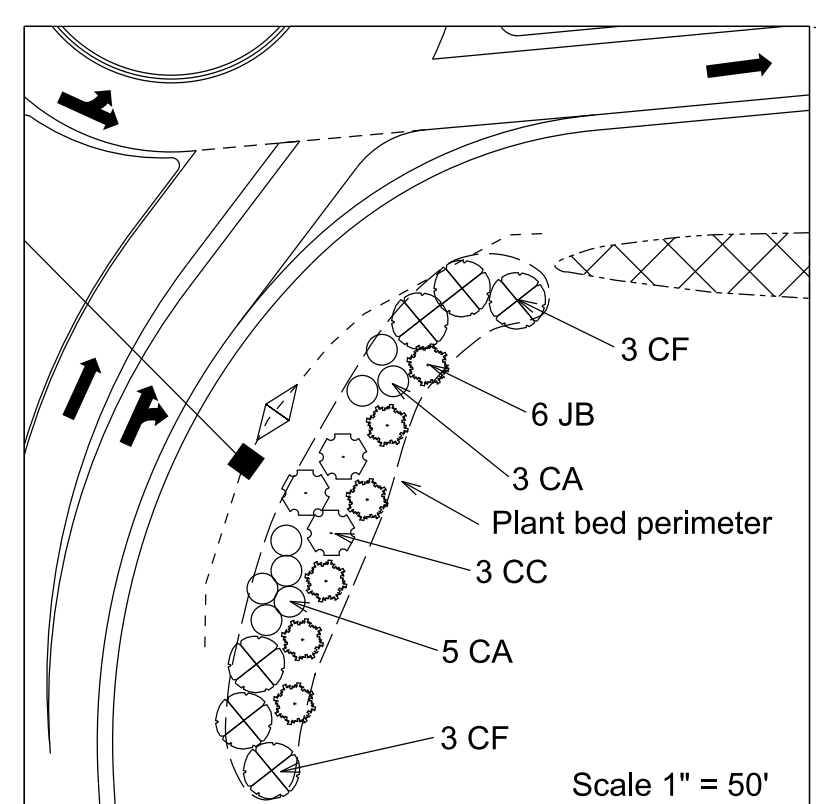
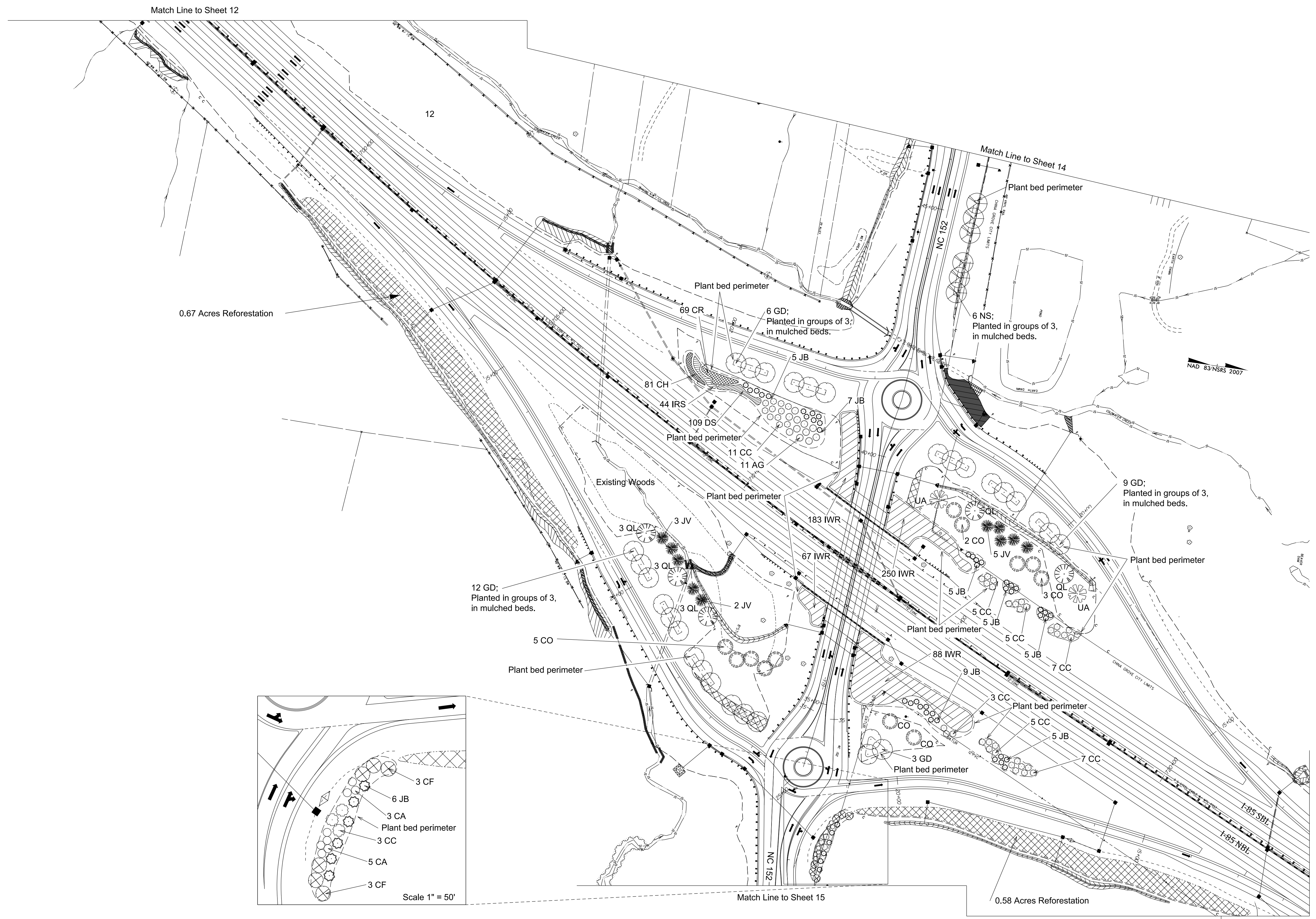


PLANT LIST
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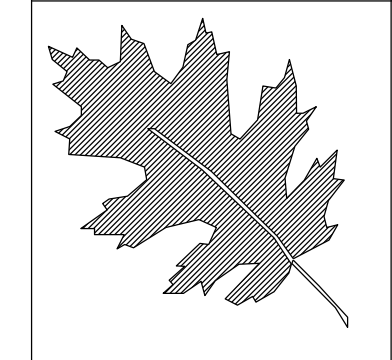


Match Line to Sheet 13

 <p>NCDOT - Roadside Environmental Unit Aesthetic Engineering Section 1557 Mail Service Center Raleigh, NC 27699-1557 Phone: 919-707-2920 Fax: 919-715-2554 connect.ncdot.gov/resources/roadside/Pages/Aesthetic-Engineering.aspx</p>	<p>Michael Baker International 8000 Regency Parkway Cary, NC 27518 mbakerintl.com</p>	<p>NCDOT - Division Nine Division Engineer - Pat Ivey Division Roadside Department Engineer - Daniel Horne ncdot.gov/divisions/highways/Pages/division.aspx?Division%6209</p>		<p>Project Description: I - 3802 B I - 85 from Lane Street, SR 2180 (Exit 63) in Cabarrus County to US 29-601 connector (Exit 68) in Rowan County</p>	<p>Sheet Description: Landscape Development</p>		<p>Concept Design Date March 25, 2021</p>	<p>Preliminary Design Date November 9, 2021</p>
					<p>Final Design Plan</p>		<p>Final Design Date February 18, 2022</p>	<p>Revision Dates</p>
					<p>Division 9 - Forsyth County</p>		<p>Sheet: 12</p>	<p>Total Sheets: 17</p>



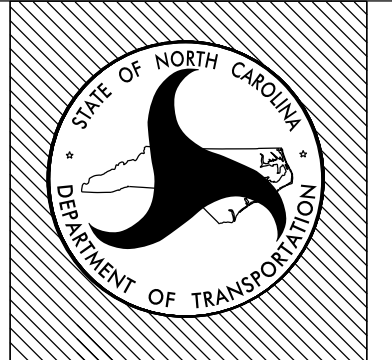
PLANT LIST			
Quantity	Unit	Key	Botanical Name
Small Ornamental Trees			
45	EA	CC	<i>Cercis canadensis</i> 'Appalachian Red'
11	EA	CV	<i>Chionanthus virginicus</i> 'CV1049'
6	EA	CF	<i>Cornus florida</i> 'Cherokee Princess'
Shade Trees			
12	EA	CO	<i>Carya ovata</i>
30	EA	GD	<i>Gymnocladus dioica</i> 'Espresso-JFS'
6	EA	NS	<i>Nyssa sylvatica</i> 'Wildfire'
5	EA	QL	<i>Quercus lyrata</i> 'Highbeam'
2	EA	UA	<i>Ulmus americana</i> 'Jefferson'
Evergreen Trees			
47	EA	JB	<i>Juniperus virginiana</i> 'Burkii'
10	EA	JV	<i>Juniperus virginiana</i> Sp.
Shrubs			
8	EA	CA	<i>Callicarpa americana</i>
81	EA	CH	<i>Clethra alnifolia</i> 'Hummingbird'
69	EA	CR	<i>Clethra alnifolia</i> 'Ruby Spice'
109	EA	DS	<i>Diervilla sessilifolia</i> 'Butterfly'
4	EA	IRS	<i>Ilex verticillata</i> 'Jim Dandy'
40	EA	IRS	<i>Ilex verticillata</i> 'Red Sprite'
59	EA	IWR	<i>Ilex verticillata</i> 'Southern Gentleman'
529	EA	IWR	<i>Ilex verticillata</i> 'Winter Red'
Reforestation - 1.25 Acres			



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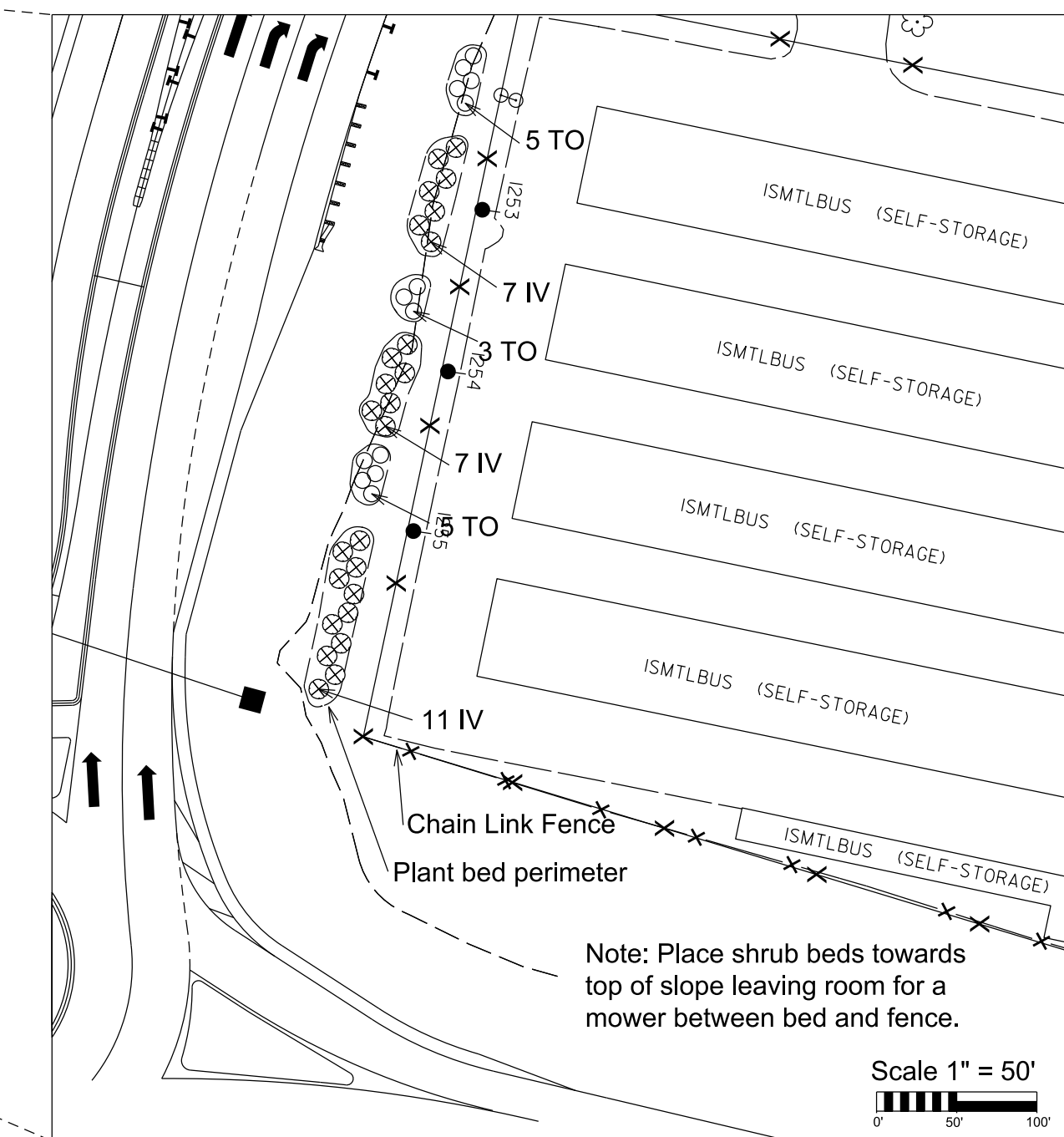
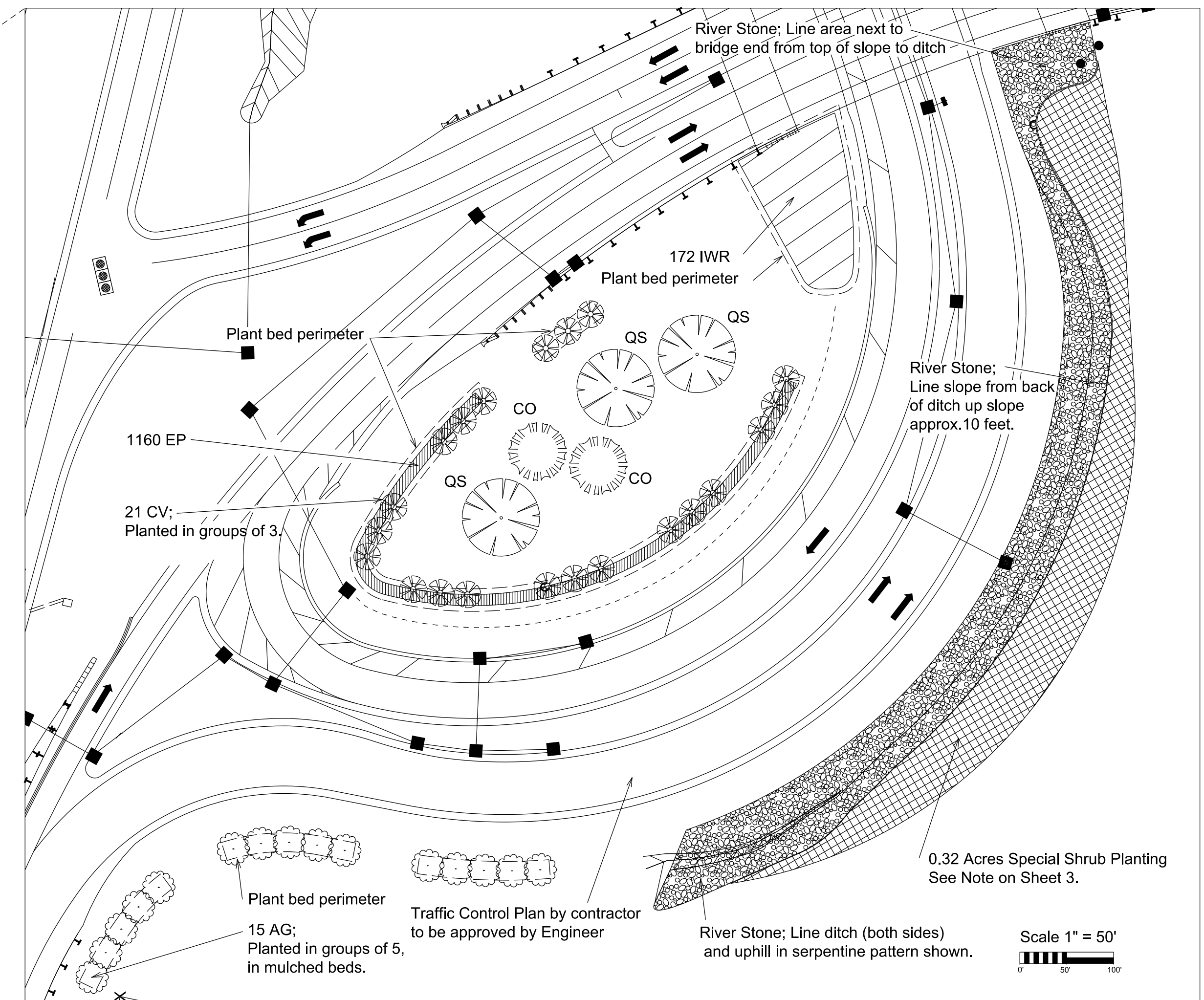
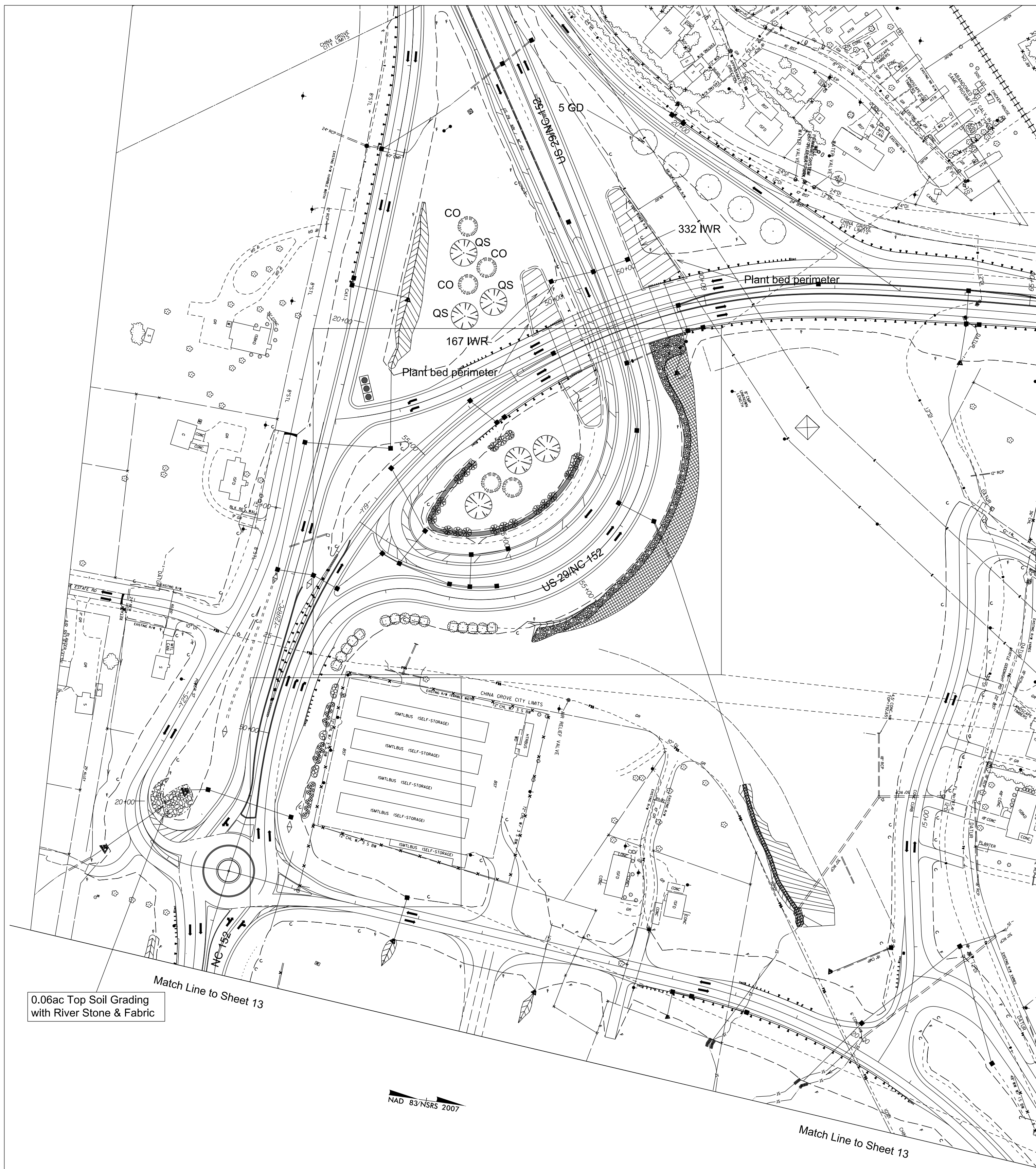
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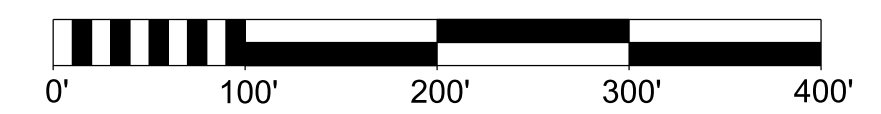
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 Division 9 - Forsyth County

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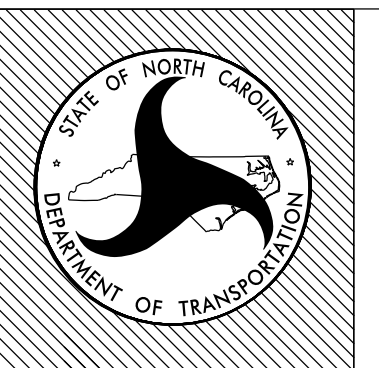
PLANT LIST			
Quantity	Unit	Key	Botanical Name
Small Ornamental Trees			
15	EA	AG	<i>Amelanchier x grandiflora</i> 'Autumn Brilliance'
21	EA	CV	<i>Chionanthus virginicus</i> 'CV1049'
Shade Trees			
5	EA	CO	<i>Carya ovata</i>
5	EA	GD	<i>Gymnocladus dioica</i> 'Espresso-JFS'
6	EA	QS	<i>Quercus shumardii</i> 'QSFTC' P.P.#14,424
Shrubs			
67	EA	IWR	<i>Ilex verticillata</i> 'Southern Gentleman'
604	EA	IWR	<i>Ilex verticillata</i> 'Winter Red'
25	EA	IV	<i>Ilex vomitoria</i>
13	EA	TO	<i>Thuja occidentalis</i> 'Smaragd'
Herbaceous Perennials, Bulbs, Corms, Tubers, Ornamental Grasses, Ground Covers and Vines			
1160	EA	EP	<i>Echinacea purpurea</i> 'Kim's Knee High'
Special Shrub Planting - 0.32 Acres			
OTHER ITEMS			
Quantity	Unit	Description	
690	Ton	River Stone	
0.06	Acre	Top Soil Grading	




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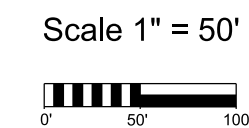
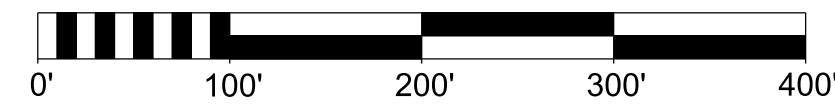
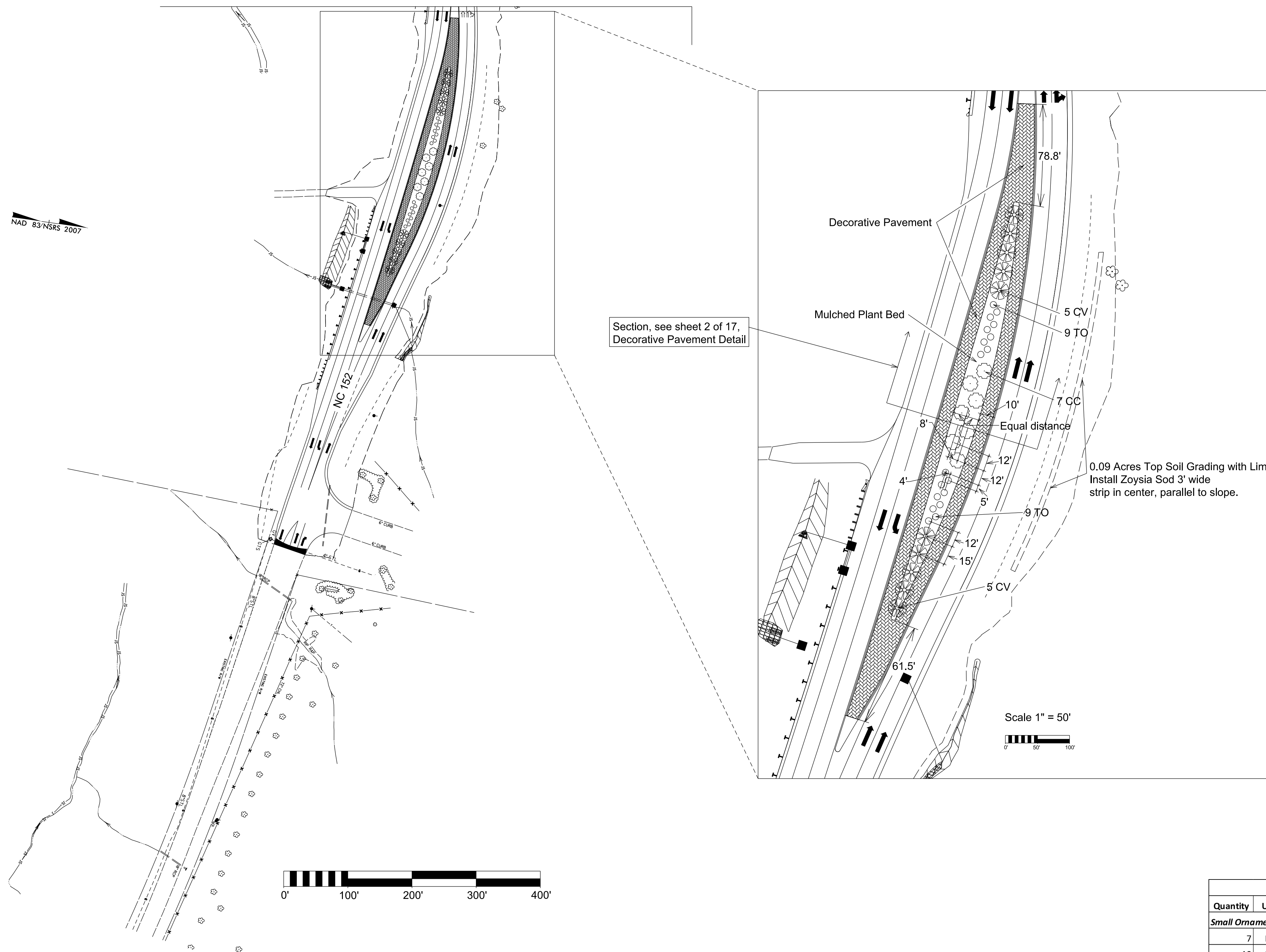


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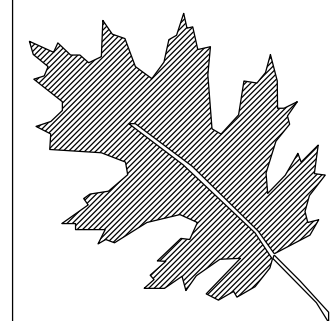
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	Division 9 - Forsyth County	Sheet: 14	Total Sheets: 17

Match Line to Sheet 13

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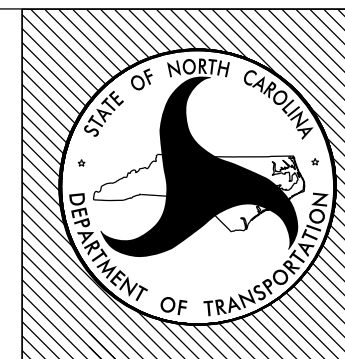
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Small Ornamental Trees			
7	EA	CC	<i>Cercis canadensis</i> 'Appalachian Red'
10	EA	CV	<i>Chionanthus virginicus</i> 'CV1049'
Shrubs			
18	EA	TO	<i>Thuja occidentalis</i> 'Smaragd'



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Sheet Description:

Landscape Development
 Preliminary Plan
 Division 9 - Forsyth County

Concept Design Date
 March 25, 2021

Preliminary Design Date
 November 9, 2021

Final Design Date

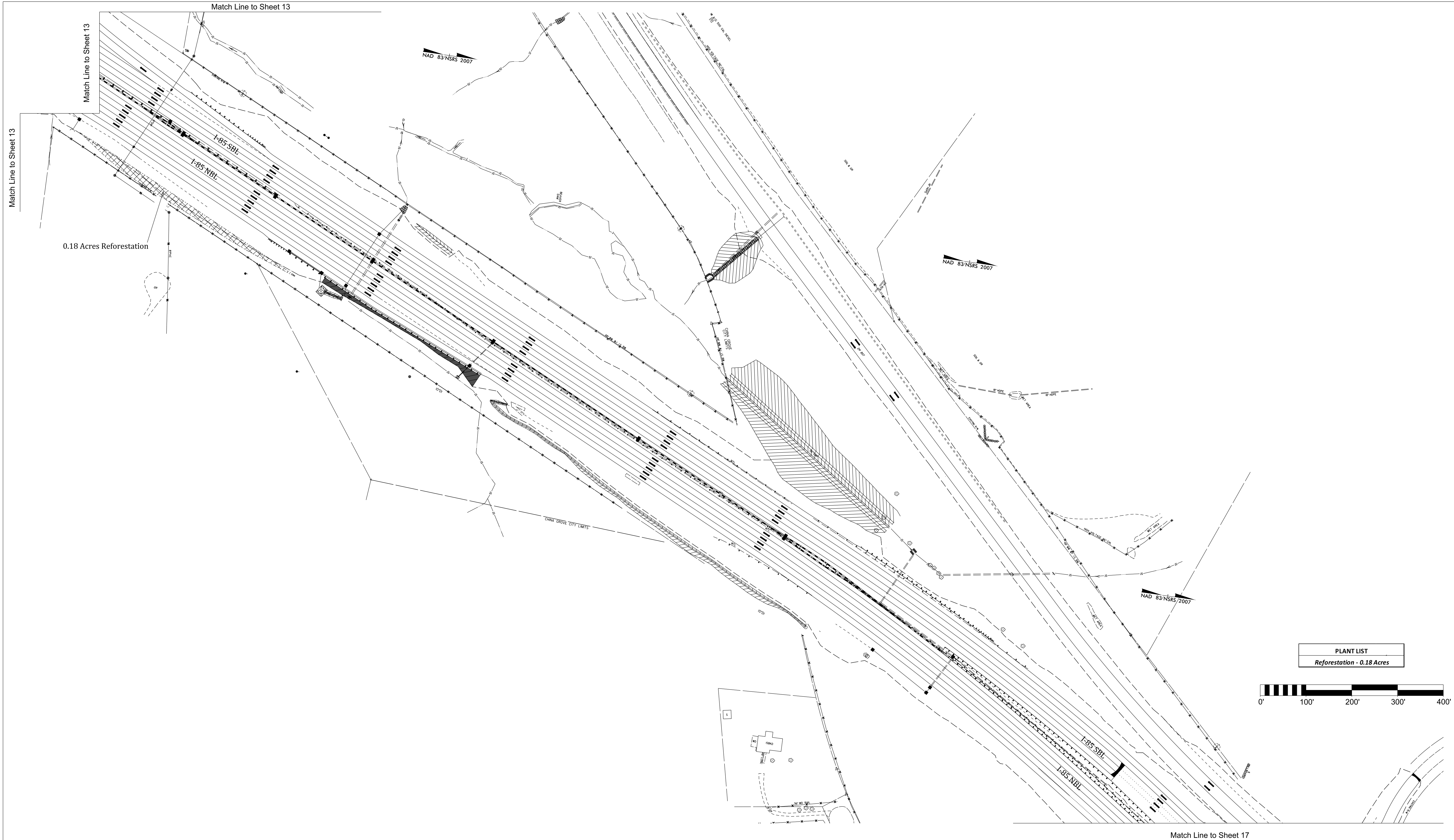
Revision Dates

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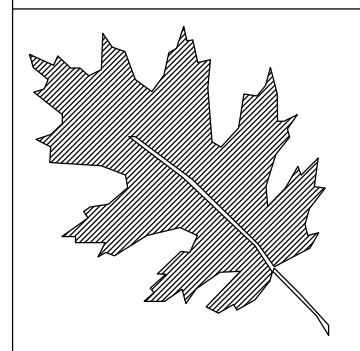
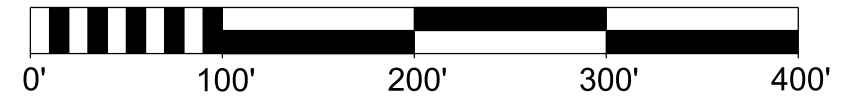
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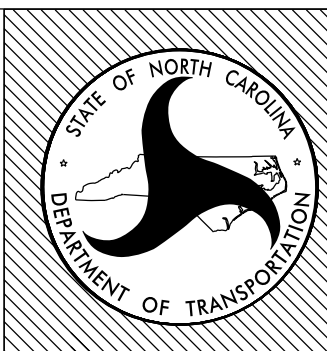
PLANT LIST
 Reforestation - 0.18 Acres



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NCDOT - Division Nine
 Division Engineer - Pat Ivey
 Division Roadside Department Engineer - Daniel Horne
ncdot.gov/divisions/highways/Pages/division.aspx?Division%6209



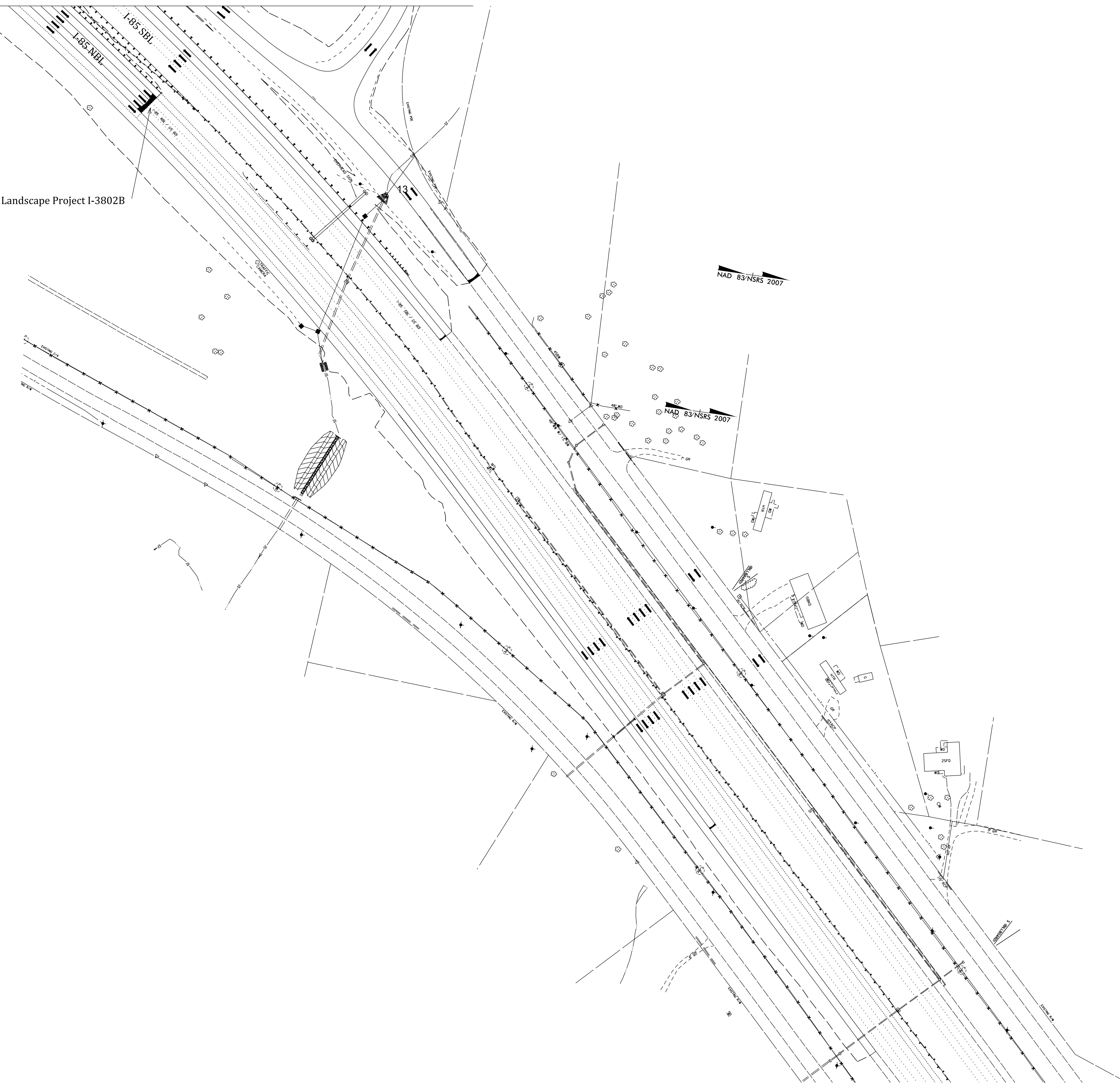
Project Description:
 I - 3802 B
 I - 85 from Lane Street,
 SR 2180 (Exit 63) in
 Cabarrus County to
 US 29-601 connector
 (Exit 68) in Rowan County

Sheet Description:

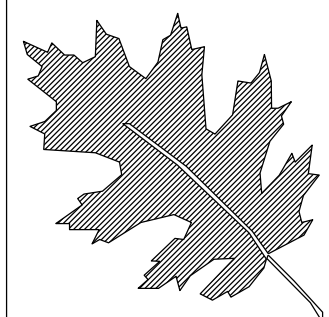
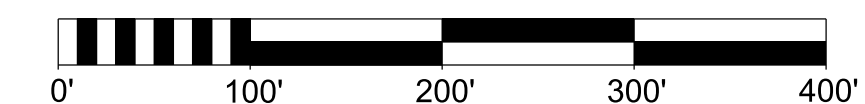
Landscape Development	Concept Design Date March 25, 2021	Preliminary Design Date November 9, 2021
Final Design Plan	Final Design Date February 18, 2022	Revision Dates
Division 9 - Forsyth County	Sheet: 16	Total Sheets: 17

Match Line to Sheet 16

End Landscape Project I-3802B



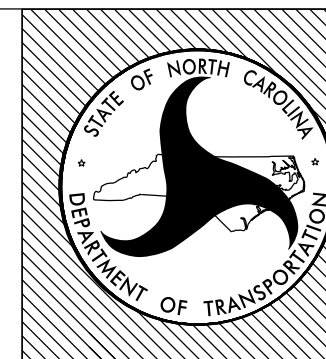
Note: There is no planting on this sheet.



NCDOT - Roadside Environmental Unit
 Aesthetic Engineering Section
 1557 Mail Service Center Raleigh, NC 27699-1557
 Phone: 919-707-2920 Fax: 919-715-2554
connect.ncdot.gov/resources/roadside/Pages/Aesthetic-Engineering.aspx

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Sheet Description:	Landscape Development		Concept Design Date March 25, 2021	Preliminary Design Date November 9, 2021
	Final Design Plan		Final Design Date February 18, 2022	Revision Dates
	Division 9 - Forsyth County	Sheet: 17	Total Sheets: 17	17