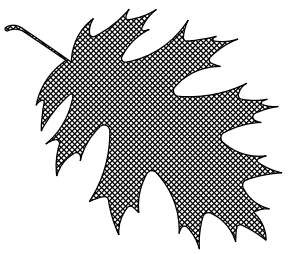
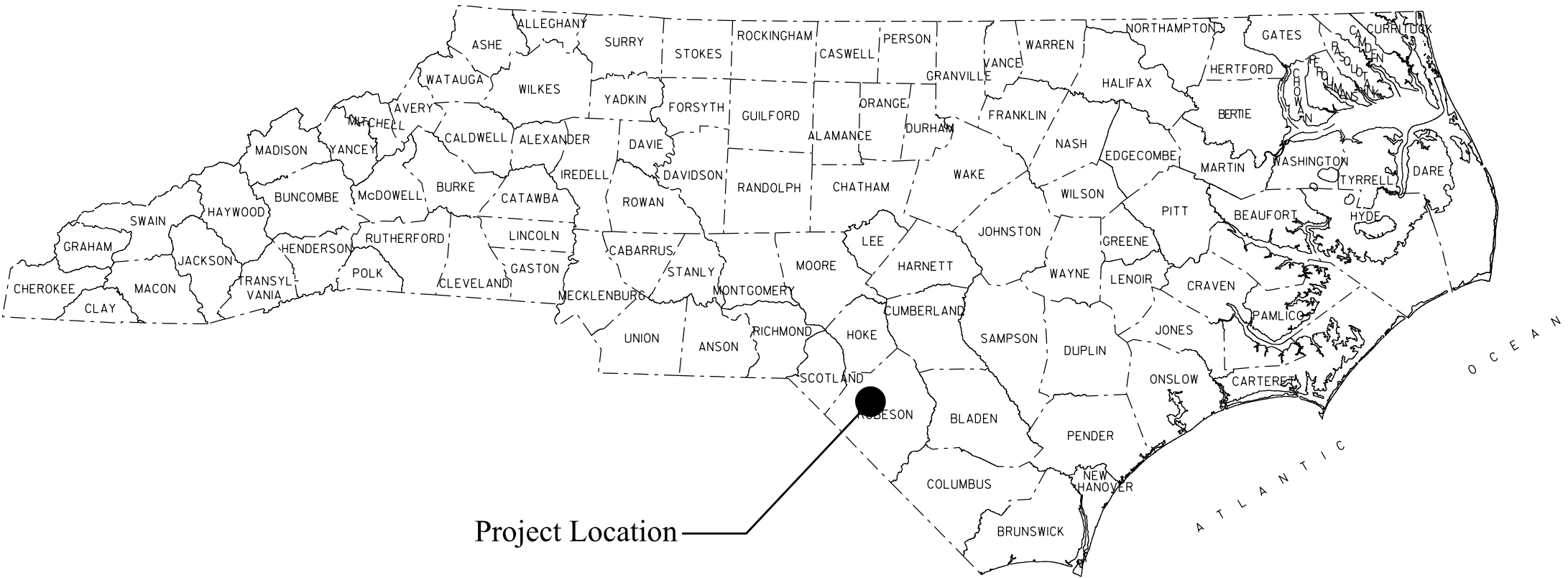
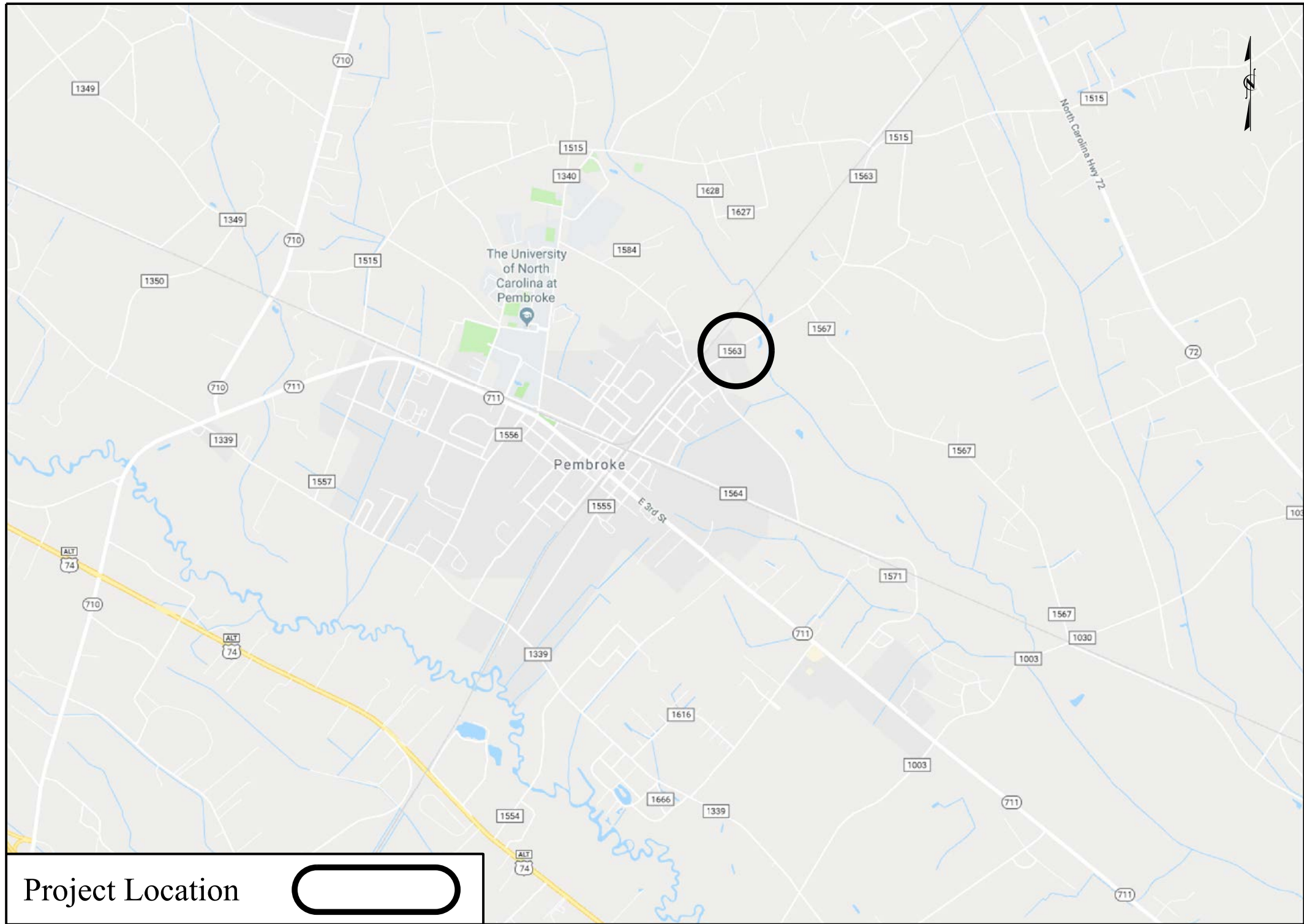


# HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
P-4900A(L)	41099.3.6	L1	3
FED. PROJ. #	DESCRIPTION		DIVISION
-----	TIP		6

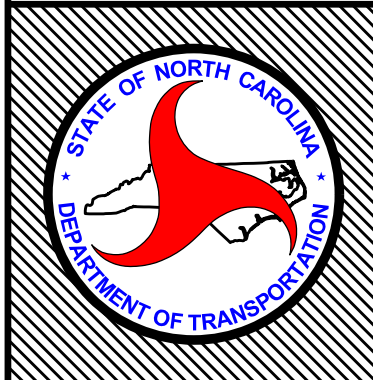


Summary of Quantities  
1 Year Establishment

DES	SEC	QTY	UNIT	KEY	BOTANICAL NAME	COMMON NAME	SIZE	CALIPER	FURNISH	A.S.N.S.	REMARKS
Shrubs											
L	1670	86	ea	CT	Chaenomeles japonica 'Texas Scarlet'	Texas Scarlet Flowering Quince	18-24"		#3 Cont.	3.3	3.5' O.C.
L	1670	157	ea	JB	Juniperus conferta 'Blue Pacific'	Blue Pacific Shore Juniper	6-12"		#3 Cont.	4.4	4' O.C.
Grasses/Groundcovers/Perennials											
L	1670	372	ea	SS	Schizachyrium scoparium	Little Bluestem	6-12"		#1 Cont.	13.4	2.5' O.C.
Other Vegetation Costs											
L	sp	887	sy		Geotextile Fabric						
L	1670	12	ea		Monthly Maintenance						
L	1670	74	cy		Mulch for Planting						4" Depth
L	1670	887	sy		Pre emergence Herbicidal Treatment						
L	1670	887	sy		Post emergence Herbicidal Treatment						
L	1101	1	LS		Temporary Traffic Control						
L	1670	7	m/g		Water for Planting						

## NOTES:

- Existing conditions shown on the plans are based on survey information and roadway plans. actual site conditions may vary.
- Prior to any demolition or work taking place, the contractor shall locate and verify all utility lines and structures within the construction areas (water, sewer, gas, electrical, etc.)
- The contractor shall take the necessary precautions to prevent damage of adjacent plant material, facilities, and structures to remain. The contractor shall restore disturbed areas to their original condition and to the satisfaction of the Division Roadside Environmental Engineer.
- The utilities shown on the plans are approximate locations. The contractor shall locate and protect in place all existing utilities before digging occurs and major construction begins.
- Demolition, removal, and disposal of items from the site must be completely in accordance with the law. The contractor is responsible for making a site visit to determine and verify all demolition requirements prior to bidding.
- The contractor shall verify all conditions and dimensions at the job site prior to construction, and if discrepancies are found, notify the Division Roadside Environmental Engineer for clarification.



STATE OF  
NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

LOCATION: Union Chapel Rd in Pembroke

TYPE of WORK: TIP

COUNTY: Robeson County

## 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.....	-----C-----
Prop. Control of Access Line.....	-----C-----
Property Line.....	-----E-----
Easement Line.....	-----E-----
Slope Stake Line.....	-----+-----
Exist. Fence.....	-----+-----
Prop. Woven Wire Fence.....	-----+-----
Prop. Chain Link Fence.....	-----+-----
Exist. Road.....	=====
Prop. Road.....	=====
Guardrail.....	-----T-----
Survey Line.....	-----+-----
Denotes Line Equality.....	-----+-----
Bridge.....	=====
Culvert.....	=====
Railroad.....	-----+-----
Woods.....	-----+-----
Exist. Telephone Pole.....	-----+-----
Prop. Telephone Pole.....	-----+-----
Tower Pole and Line.....	-----+-----
Exist. Power Pole.....	-----+-----
Prop. Power Pole.....	-----+-----
Sanitary Sewer Line.....	-----+-----
Water Line.....	-----+-----
Gas Line.....	-----+-----
Picnic Shelter.....	-----+-----
Regeneration.....	-----+-----
Reforestation.....	-----+-----

## INDEX OF L SHEETS:

- L 1.0 - Title Sheet
- L 2.0 - Planting Details
- L 3.0 - Planting Plans

PREPARED BY: K Cooper    DATE: 10/2018

## REVISIONS

DATE	DESCRIPTION

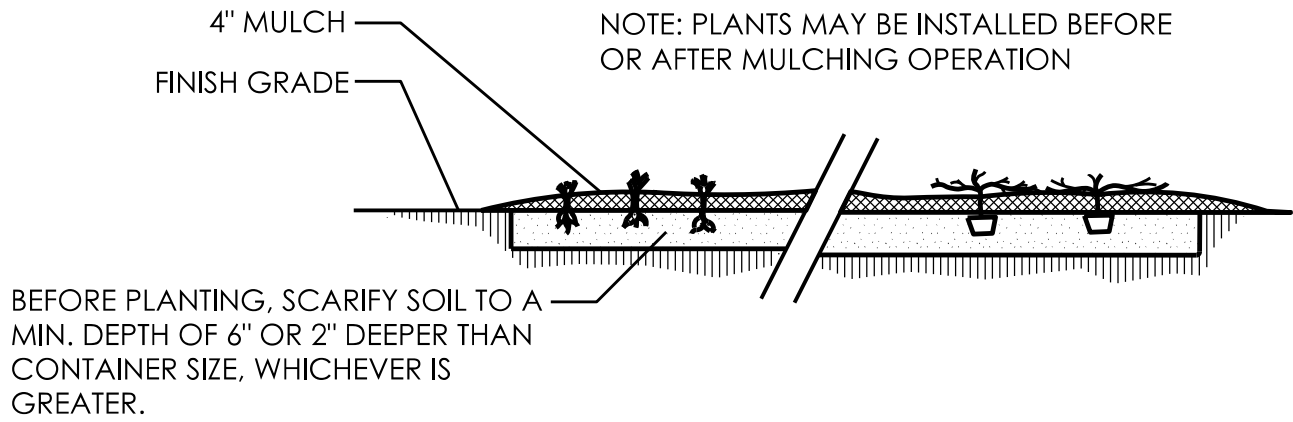
2014 American Standard for Nursery Stock

2018 NCDOT STANDARD SPECIFICATIONS

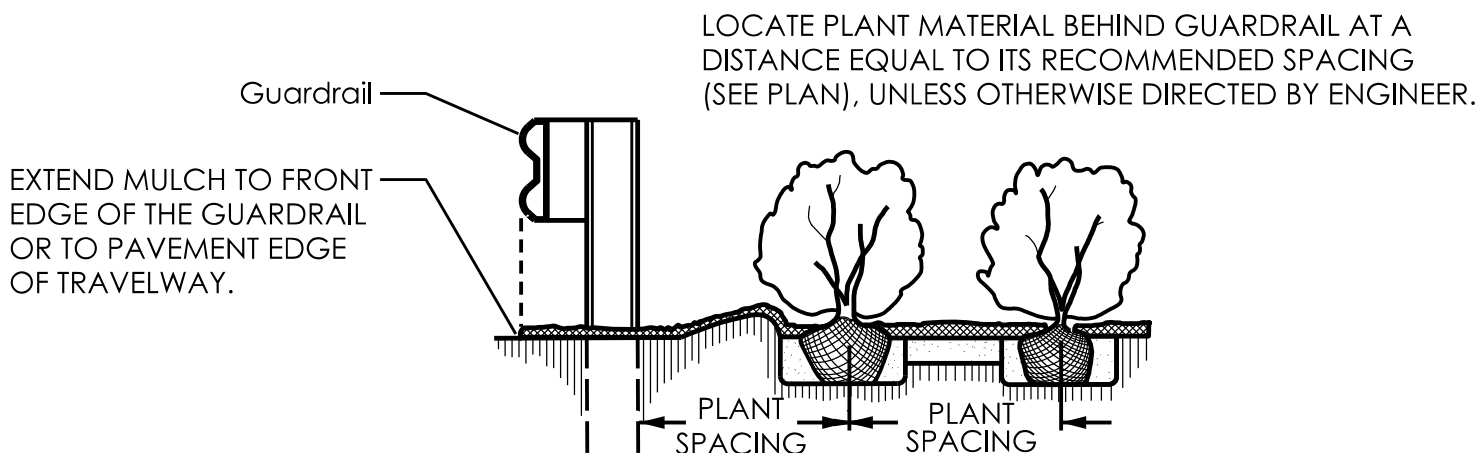
PREPARED IN THE OFFICE OF:  
NCDOT- ROADSIDE ENVIRONMENTAL UNIT  
AESTHETIC ENGINEERING SECTION  
1557 MAIL SERVICE CENTER  
RALEIGH NC 27699    919-707-2920

NOTES:

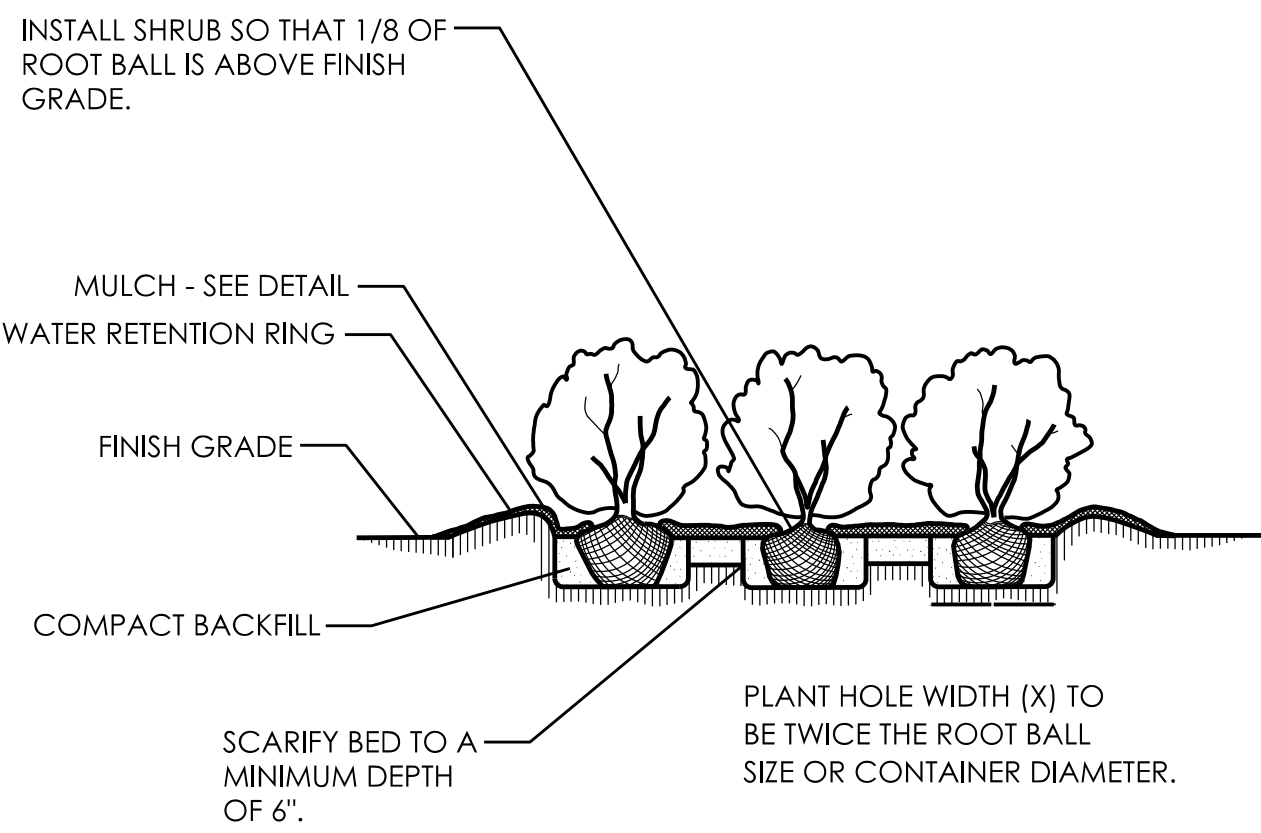
- SCHEDULE FOR PLANT HOLE SIZE:  
PLANT HOLE WIDTH (X) TO BE TWICE THE ROOT BALL SIZE OR CONTAINER DIAMETER.
- SEE STANDARD SPECIFICATIONS FOR PLANT BED FUMIGATION AND HERBICIDAL TREATMENT.
- APPLY FERTILIZER AT PLANTING TIME IN THE FORM OF A SLOW RELEASE PELLET OR TABLET. APPLY AT RATE RECOMMENDED BY 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.



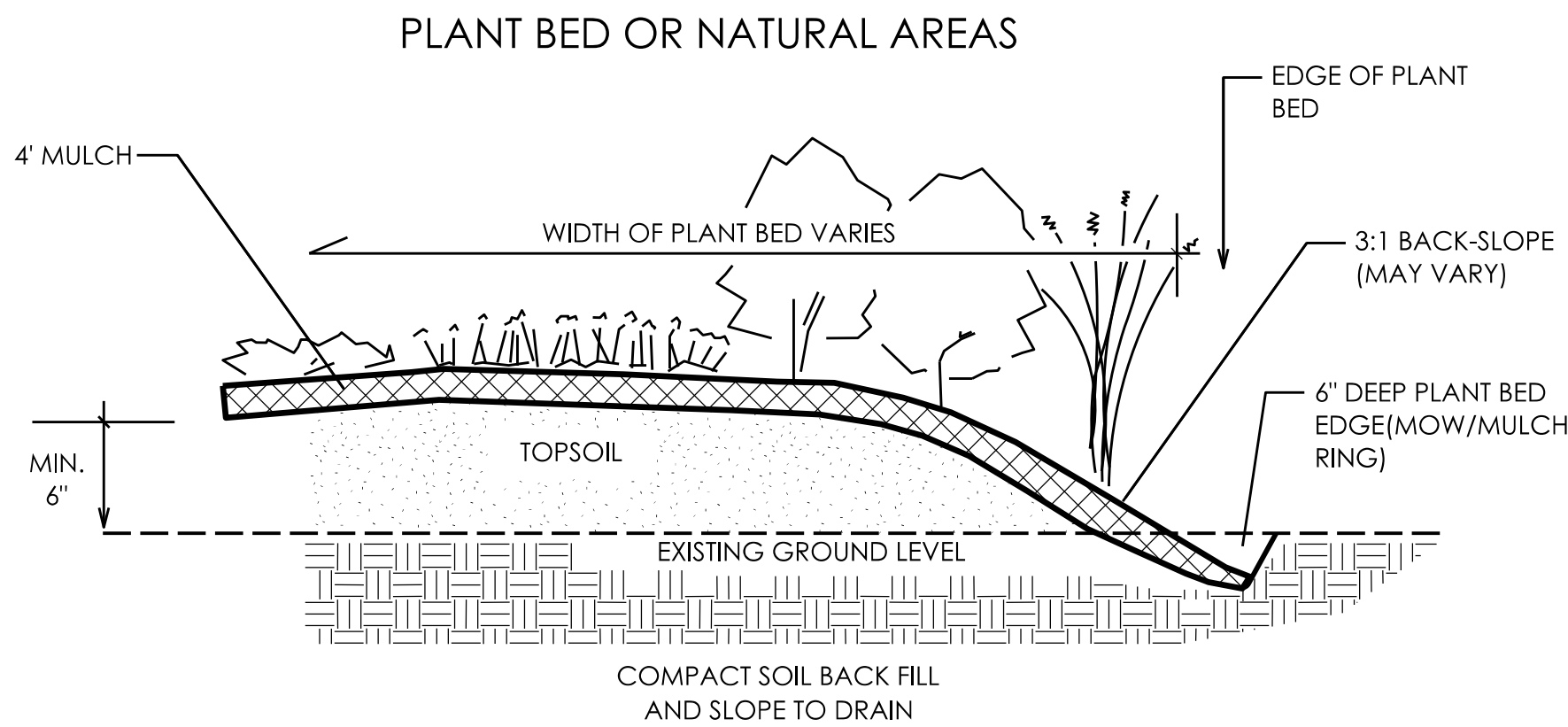
GROUND COVER/ BEDDING  
PLANT DETAIL  
NTS



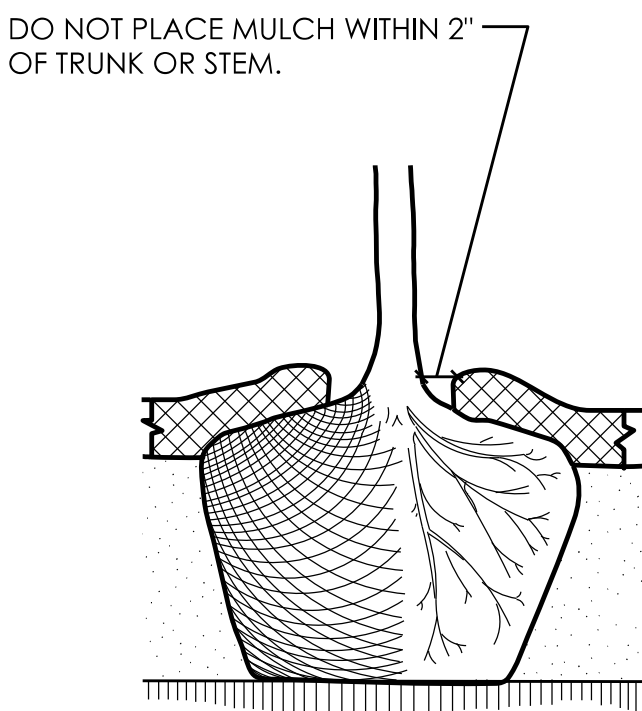
Guardrail Mulching Detail  
USE AS DIRECTED BY FIELD ENGINEER



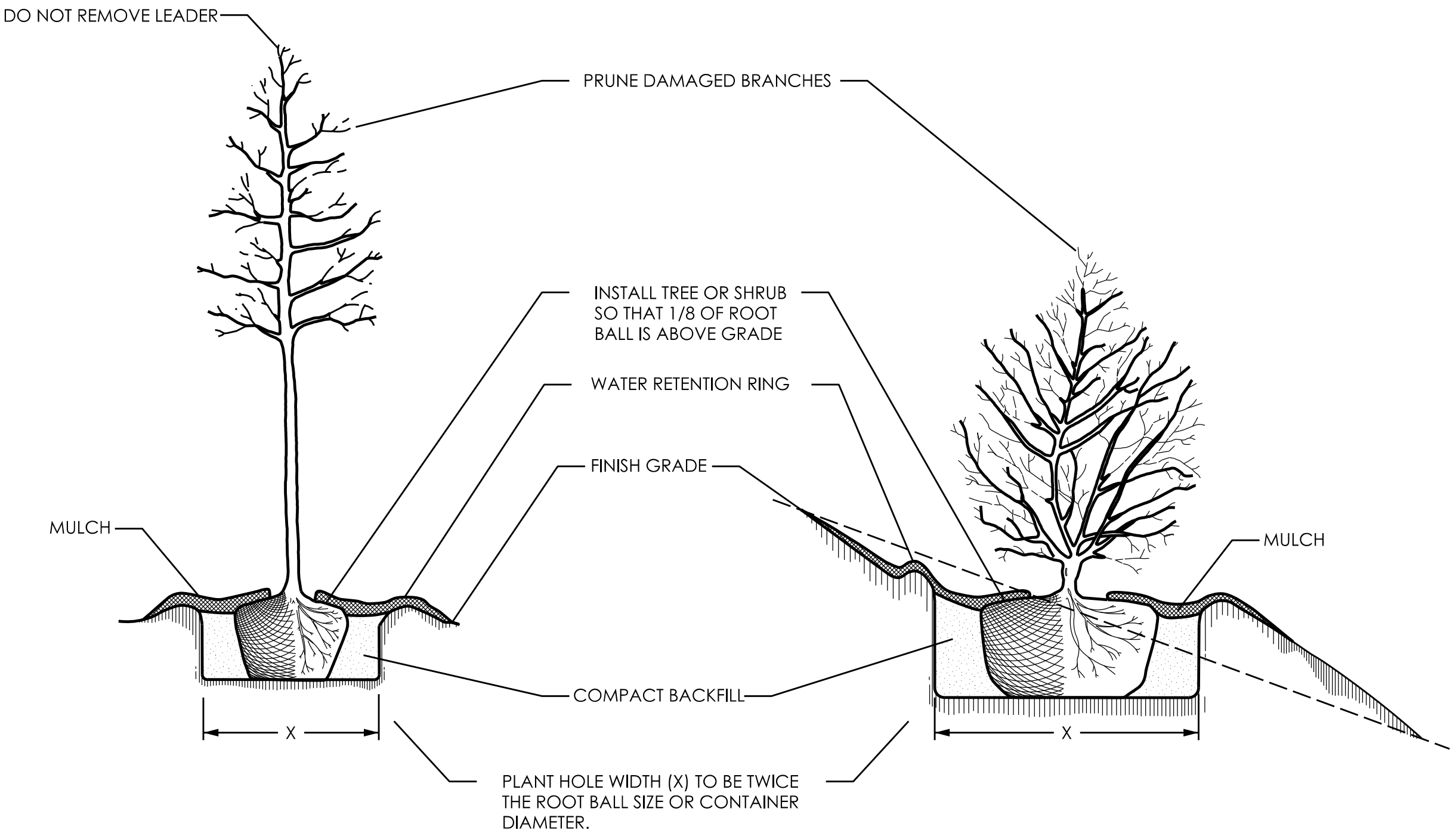
SHRUB BED PLANTING DETAIL  
NTS



PLANT BED EDGE DETAIL  
NTS

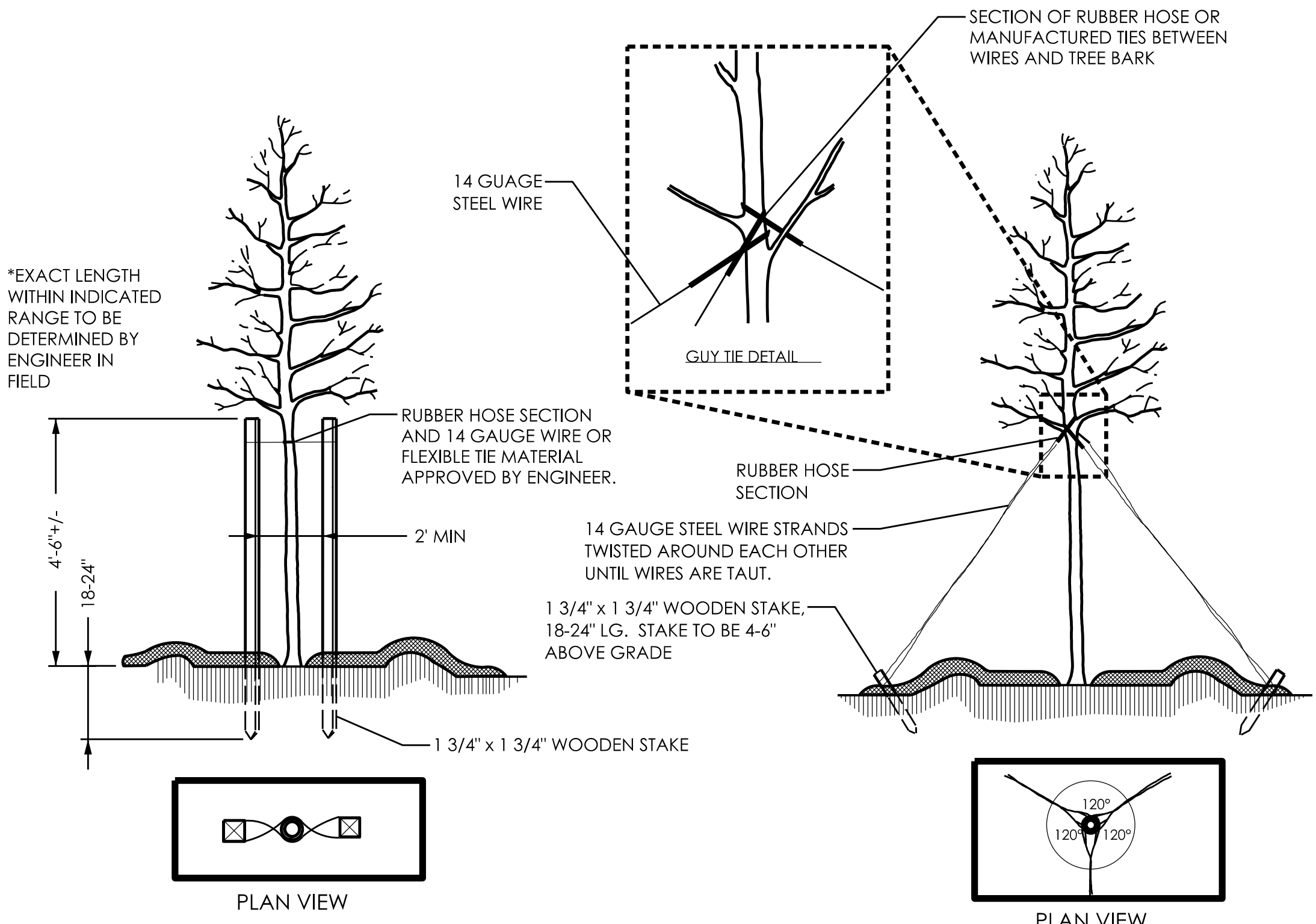


MULCH DETAIL  
NTS



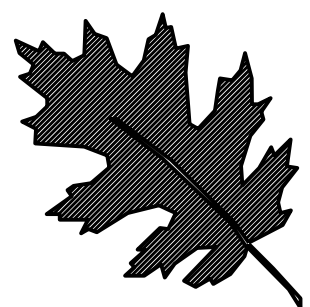
TREE OR SHRUB PLANTING DETAIL  
(LEVEL GROUND)  
NTS

TREE OR SHRUB PLANTING DETAIL  
(SLOPING GROUND)  
NTS



STAKING DETAIL  
(TREES 6'-10')  
USE AS DIRECTED BY FIELD ENGINEER  
NTS


GUYING DETAIL  
(TREES 10' OR LARGER)  
USE AS DIRECTED BY FIELD ENGINEER  
NTS

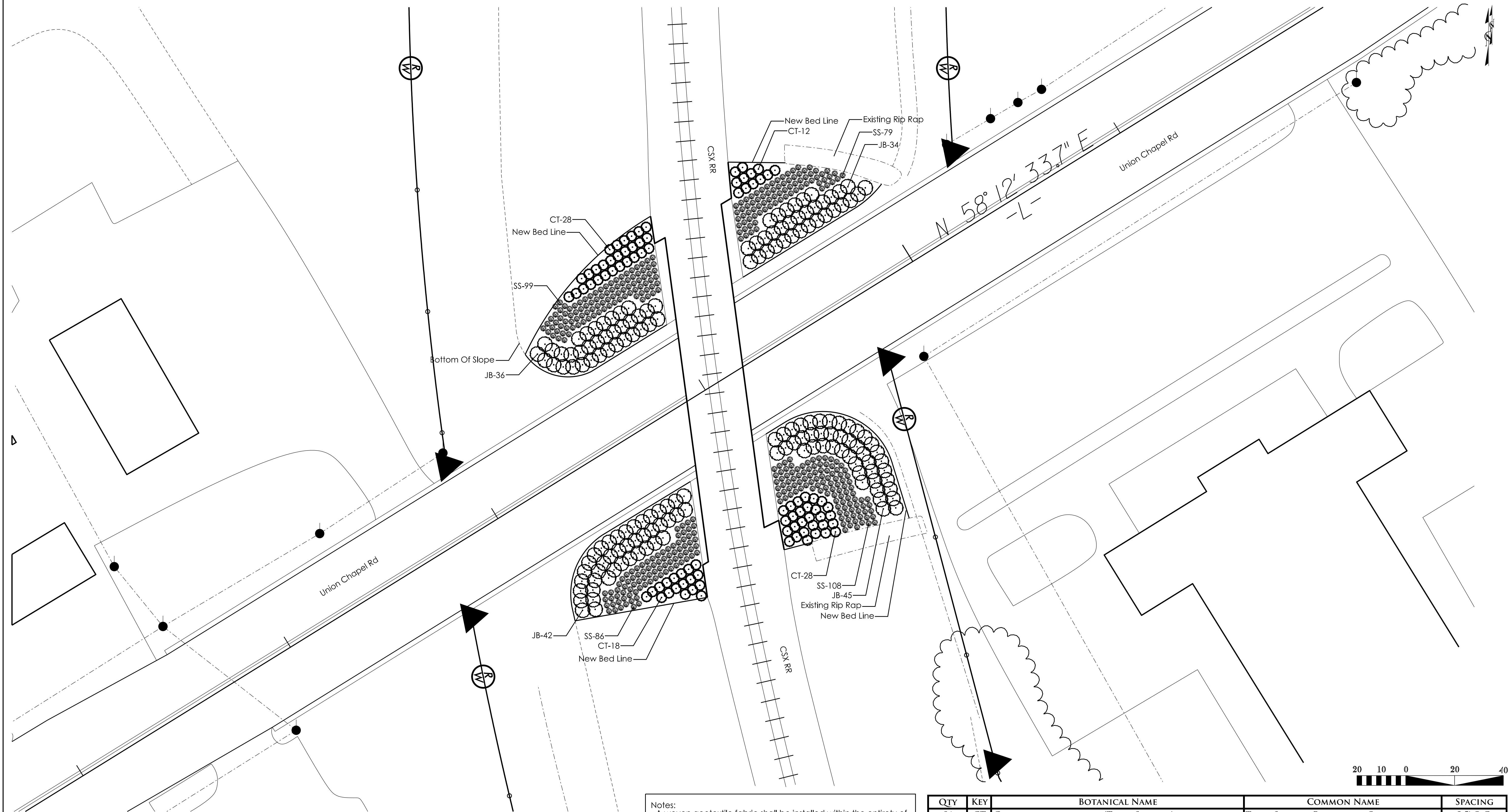


NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
AESTHETIC ENGINEERING SECTION  
1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
PH: 919-707-2935 FAX: 919-715-2554  
[http://www.ncdot.org/doh/operations/dp\\_chief\\_eng/roadside/](http://www.ncdot.org/doh/operations/dp_chief_eng/roadside/)

Pembroke RR Bridge  
Robeson County  
TIP #: P-4900A(L)

Landscape Architect  
Kyle Cooper

SHEET DESCRIPTION:	PREL. DESIGN DATE :	Oct. 2018	Planting Details		T.I.P. # P-4900A(L)	
	CHECKED BY & DATE :	- - - - -	Landscape Plan Sheet		WBS # 41099.3.6	
	FINAL DESIGN DATE :	Dec. 2018			FED I.D. # - - - - -	
					SHEET NO. : L-2	TOTAL SHEET NO. : L-3



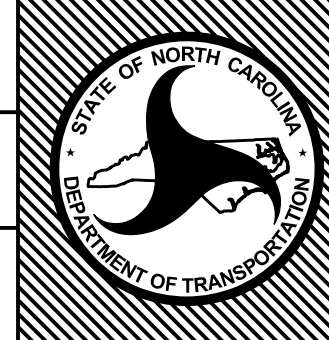
Notes:  
- A woven geotextile fabric shall be installed within the entirety of the new plant bed areas to combat the erosion of the slopes. The fabric is to be secured to the slopes by metal sod staples or spikes and can be installed before or after the plant installation.

QTY	KEY	BOTANICAL NAME	COMMON NAME	SPACING
86	CT	CHAENOMELES JAPONICA 'TEXAS SCARLET'	TEXAS SCARLET FLOWERING QUINCE	3.5' O.C.
157	JB	JUNIPERUS CONFERTA 'BLUE PACIFIC'	BLUE PACIFIC SHORE JUNIPER	4' O.C.
372	SS	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	2.5' O.C.

 NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
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[http://www.ncdot.org/doh/operations/dp\\_chief\\_eng/roadside/](http://www.ncdot.org/doh/operations/dp_chief_eng/roadside/)

Pembroke RR Bridge  
Robeson County  
TIP #: P-4900A(L)

Landscape Architect  


SHEET DESCRIPTION:	PREL. DESIGN DATE:	Oct. 2018	Planting Plan		T.I.P. #	P-4900A(L)
	CHECKED BY & DATE:	-----	Landscape Plan Sheet		WBS #	41099.3.6
	FINAL DESIGN DATE:	Dec. 2018			FED I.D. #	-----
					SHEET NO.:	L-3
					TOTAL SHEET NO.:	L-3