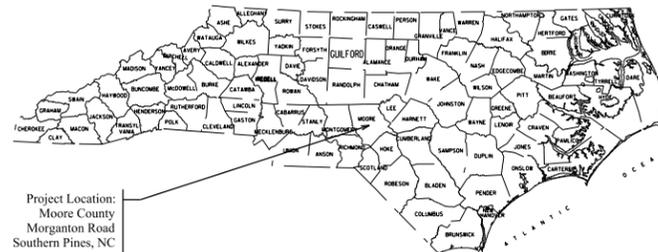




NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

PROPOSED ROADSIDE ENVIRONMENTAL SUSTAINABLE DESIGN & AESTHETICS PROJECT



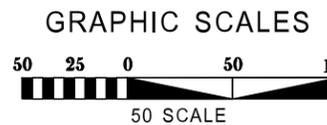
CONVENTIONAL SYMBOLS

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	---(X)---
Prop. Control of Access Line	---(X)---
Property Line	---E---
Easement Line	---E---
Slope Stake Line	---E---
Exist. Fence	---+---
Prop. Woven Wire Fence	---○---○---
Prop. Chain Link Fence	---□---□---
Exist. Road	===
Prop. Road	===
Guardrail	---T---
Survey Line	---T---
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	---SS---
Water Line	---W---
Gas Line	---G---
Picnic Shelter	---□---
Regeneration	---X---
Reforestation	---X---
Large Deciduous Tree	---○---
Evergreen Tree	---●---
Small or Flowering Tree	---○---
Shrubs	---○---○---
Planting Bed	---○---

Summary of Quantities

QUANTITY	UNIT	KEY	BOTANICAL NAME	COMMON NAME	FURNISH	
Small Flowering Trees (LARGE)						
12	EA	CVL	<i>Chionanthus virginicus</i>	Fringetree	8-10', B&B, 1.2.3 Specimen-Matching	As Shown
21	EA	WKL	<i>Crataegus viridis</i> 'Winter King'	Winter King Hawthorne	8-10', B&B, 1.2.3 Specimen-Matching	As Shown
27	EA	CEI	<i>Cornus florida</i> 'Cherokee Princess'	Cherokee Princess Dogwood	8-10', B&B, 1.2.3 Specimen-Matching	As Shown
Evergreen Trees (LARGE)						
15	EA	JVL	<i>Juniperus virginiana</i>	Eastern Red Cedar	2 1/2-3" Cal., 10-12', B&B, Specimen 3.1.2.4	As Shown
39	EA	PPL	<i>Pinus palustris</i>	Longleaf Pine	2 1/2-3" Cal., 10-12', B&B, Specimen 3.1.2.4	As Shown
26	EA	JOL	<i>Ilex x 'Emily Brunner'</i>	Emily Brunner Holly	7-8', B&B, Specimen 5.8.1	As Shown
Deciduous Trees (LARGE)						
9	EA	CLL	<i>Cladrastis latea</i>	American Yellowwood	2 1/2-3" Cal., 10-12', B&B, Specimen 3.1.2.4	As Shown
4	EA	TDL	<i>Taxodium Distichum</i>	Bald Cypress	2-3" Cal., 14-16', B&B, Specimen	As Shown
Shrub - Native Grass and Perennial Varieties						
195	EA	MC	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass	#1 Cont.	4' O.C.
75	EA	PV	<i>Panicum virgatum</i> 'Heavy Metal'	Heavy Metal Switchgrass	#1 Cont.	5' O.C.
170	EA	EA	<i>Euronymous alatus</i>	Dwarf Burning Bush	#3 Cont.	5' O.C.
Descriptions						
1100	CY	1670	Mulch for Planting			
7900	SY	1670	Post-Emergence Herbicidal Treatment for Plant Beds			
7900	SY	1660	Pre-Emergence Plant Bed Herbicide Treatment			
3	ACRE	1660	Seeding & Mulching			
30	MG	1670	Water for Planting			
2	ACRE	1651	Selective Vegetation Removal			
3	EA	1650	Selective Tree Removal 10"			

T.I.P. #	FEDERAL PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
U3324	34923.3.2	L1	5
FED. PROJ. #	DESCRIPTION	DIVISION	
	Landscape Enhancement	8	



INDEX OF (L) SHEETS:

- L1 - TITLE SHEET
- L2 - PLANTING DETAILS
- L3 - SHEET LAYOUT PLAN & PLANT SYMBOLOGY
- L4 - Landscape Enhancement Plan
- L5 - Landscape Enhancement Plan

Designed By: Jeff Lackey 10/2015

REVISIONS	
DATE	DESCRIPTION
10-2015	Jeff Lackey-Complete Revision

STATE OF
NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

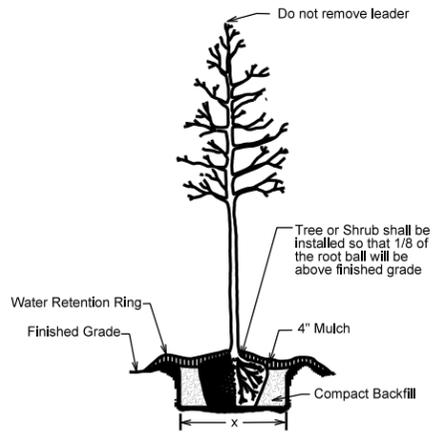
LOCATION: U3324 Morganton Road Corridor Enhancements & Aesthetics, Southern Pines

TYPE of WORK: Landscape Enhancement Design & Development

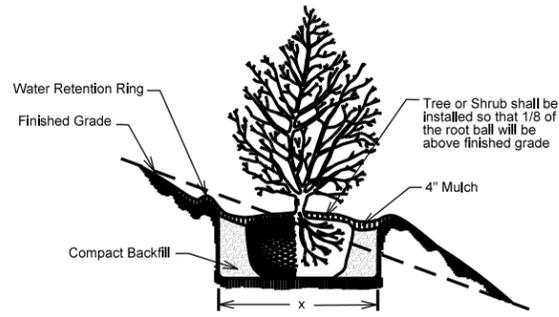
COUNTY: **MOORE COUNTY**

2012 STANDARD SPECIFICATIONS

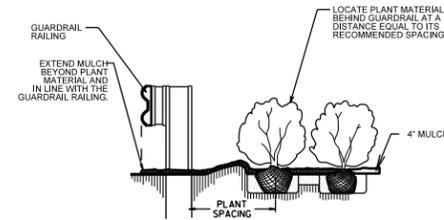
PREPARED IN THE OFFICE OF:
NCDOT- ROADSIDE ENVIRONMENTAL UNIT
AESTHETIC ENGINEERING SECTION
1557 MAIL SERVICE CENTER
RALEIGH NC 27699 919-733-2920



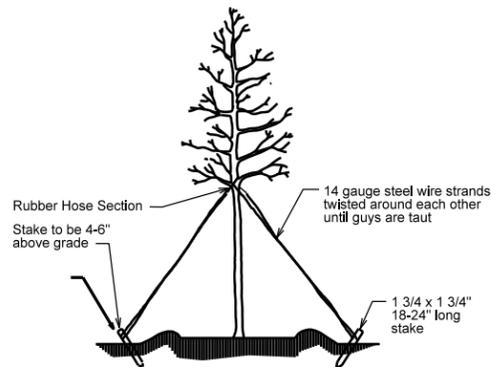
TREE OR SHRUB PLANTING DETAIL
(LEVEL GROUND)



TREE OR SHRUB PLANTING DETAIL
(SLOPING GROUND)



GUARDRAIL MULCHING DETAIL
* Detail to be used when approved by the Engineer.



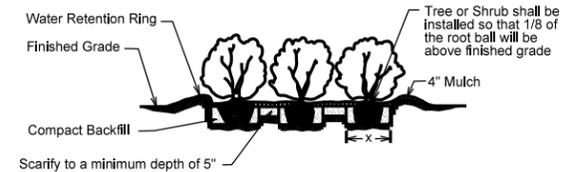
TREE GUYING DETAIL
(FOR TREES 10' OR LARGER)

* Utilize guying detail only if requested by the Engineer.



Groundcover Planting Detail

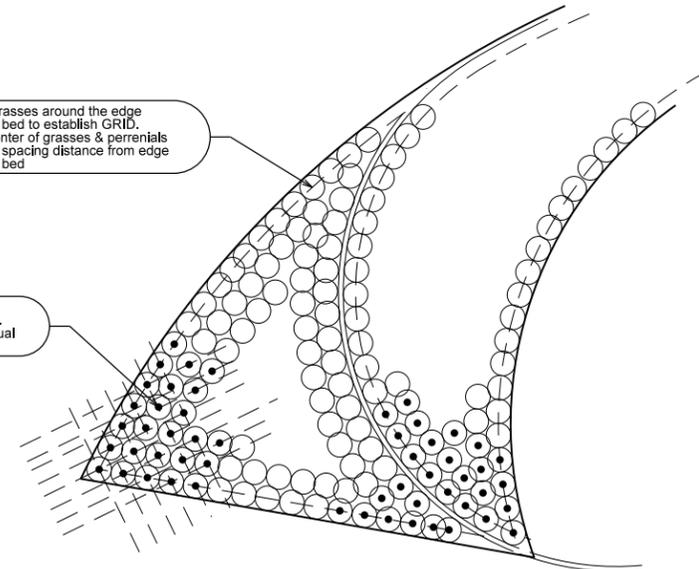
*Plants may be planted before or after mulching operation



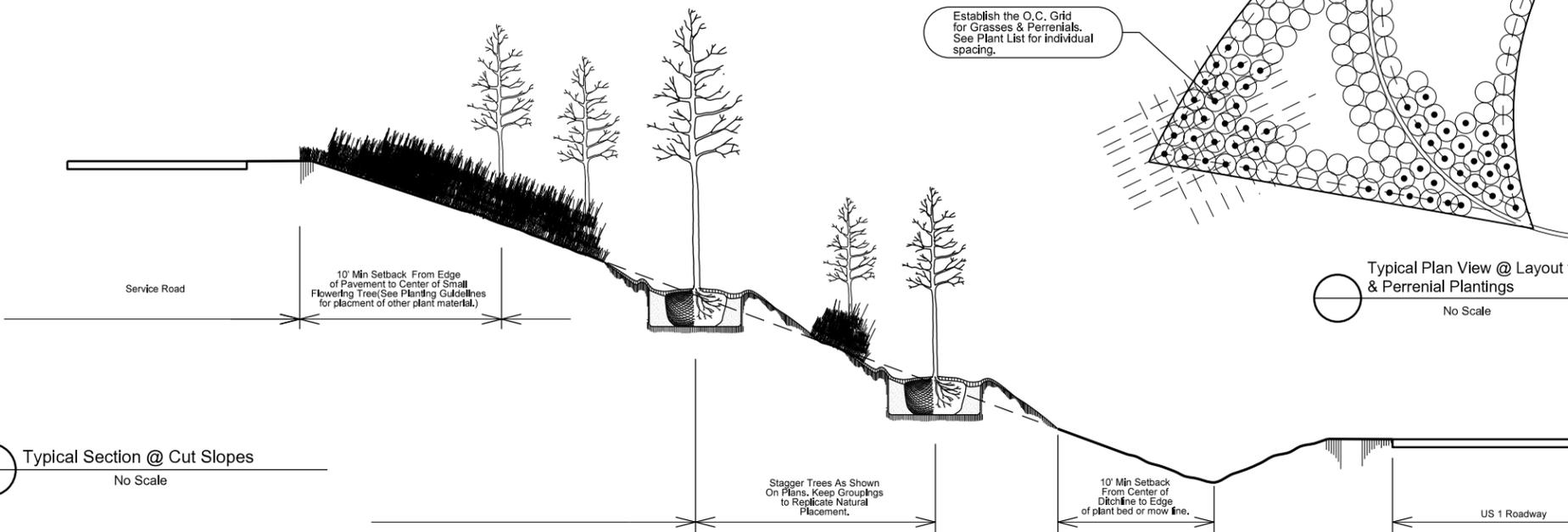
Shrub Bed Planting Detail

Align Grasses around the edge of plant bed to establish GRID. Start center of grasses & perennials half the spacing distance from edge of plant bed

Establish the O.C. Grid for Grasses & Perennials. See Plant List for individual spacing.



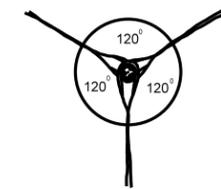
Typical Plan View @ Layout for Native Grass & Perennial Plantings
No Scale



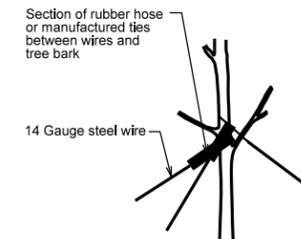
Typical Section @ Cut Slopes
No Scale



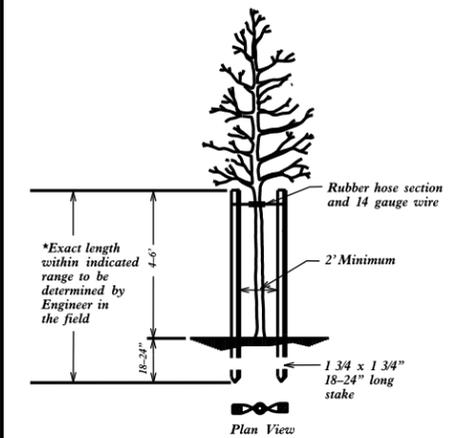
PRUNING CUTS



GUY SPACING DETAIL



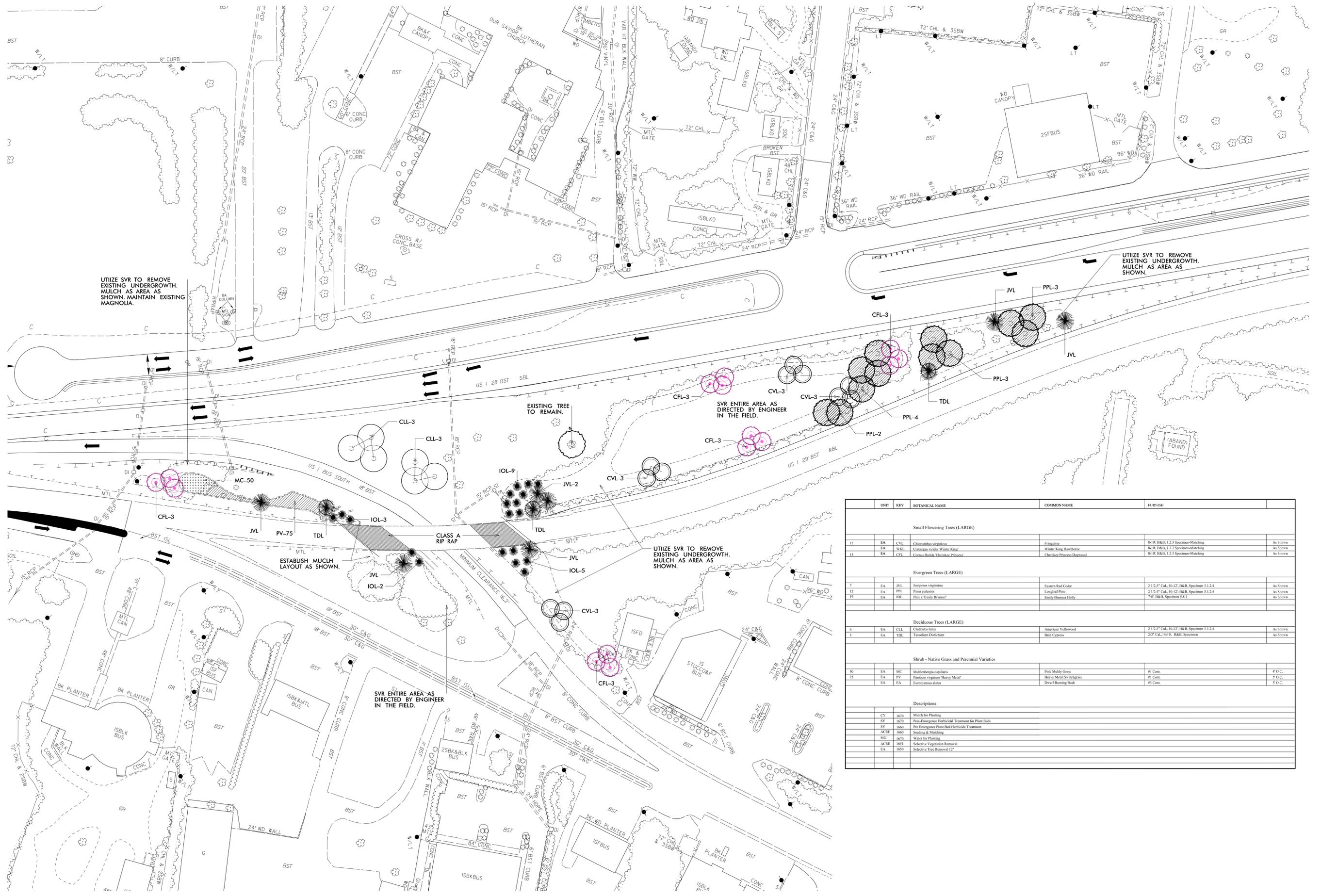
GUY TYING DETAIL



STAKING DETAIL
(FOR TREES 6' TO 10')

* Utilize staking detail only if requested by the Engineer.

*Exact length within indicated range to be determined by Engineer in the field



UNIT	KEY	BOTANICAL NAME	COMMON NAME	FURNISH
Small Flowering Trees (LARGE)				
12	EA	CVL	<i>Chionodoxa virginiana</i>	Fringery
	EA	WKL	<i>Cornus florida 'Winter King'</i>	Winter King Hawthorne
15	EA	CFL	<i>Cornus florida 'Charles Pringle'</i>	Charles Pringle Dogwood
Evergreen Trees (LARGE)				
7	EA	JVL	<i>Juniperus virginiana</i>	Eastern Red Cedar
12	EA	PPL	<i>Pinus palustris</i>	Longleaf Pine
19	EA	IKL	<i>Ilex x Emily Brunner</i>	Emily Brunner Holly
Deciduous Trees (LARGE)				
6	EA	CLL	<i>Cladonia lutea</i>	American Yellowwood
3	EA	TDR	<i>Taxodium distichum</i>	Bald Cypress
Shrub - Native Grass and Perennial Varieties				
50	EA	MC	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass
75	EA	PV	<i>Panicum virginicum 'Heavy Metal'</i>	Heavy Metal Switchgrass
	EA	EA	<i>Eurythmum alata</i>	Dwarf Burning Bush
Descriptions				
	CY	1670	Mulch for Planting	
	SY	1670	Post-emergence Herbicidal Treatment for Plant Beds	
	SY	1660	Pre-emergence Plant Bed Herbicide Treatment	
	ACRE	1660	Seeding & Mulching	
	MKG	1670	Water for Planting	
	ACRE	1651	Selective Vegetation Removal	
	EA	1650	Selective Tree Removal 12"	

