

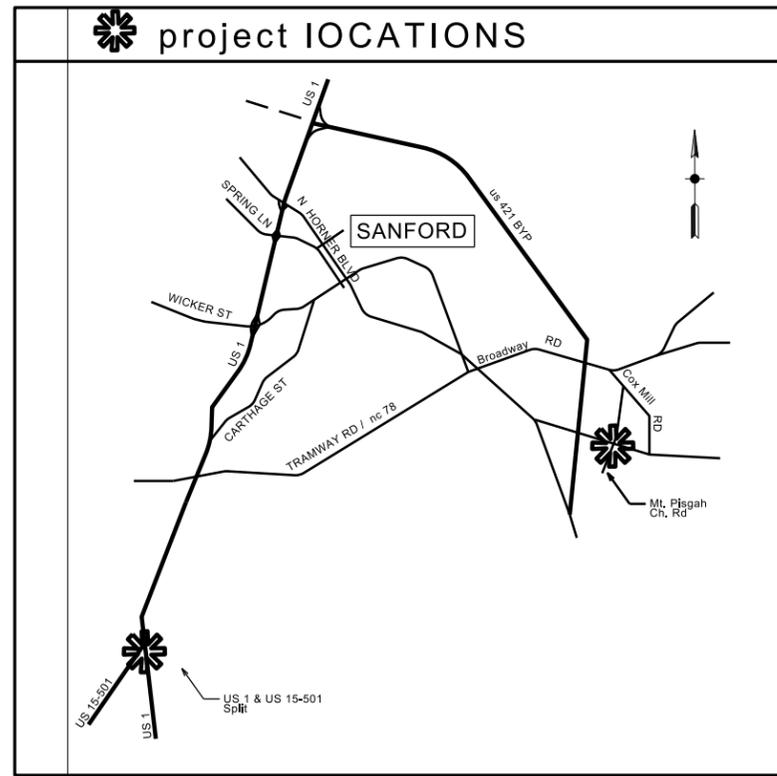


PROPOSED HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
	33920.3.4	L1	4
FED. PROJ. #	DESCRIPTION		DIVISION
	landscape		8

Project: US 421 @ Mt. Pisgah Ch. Rd. (SANFORD, nc)
& us 1 & US 15-501 Split (TRAMWAY, nc)



summary of project quantities

QTY.	KEY	BOTANICAL NAME	COMMON NAME	FURNISH	REMARKS
Deciduous Trees					
7	CC	<i>Cercis canadensis</i>	E. Redbud	6', B & B	As Shown
6	CF	<i>Cornus florida</i>	Flowering Dogwood	6-8', B & B	As Shown
6	CV	<i>Chionathus virginicus</i>	White Fringetree	5', B & B	As Shown
3	IF	<i>Ilex x attenuata 'Fosteri'</i>	Foster's Holly #2	6', B&B	As Shown
55	INR	<i>Ilex x 'Nellie R Stevens'</i>	Nellie R Stevens Holly	6', B&B	As Shown
5	LM	<i>Lagerstroemia indica 'Muskogee'</i>	Muskogee Crape Myrtle	10'-12', B & B	Min. 2" Cal.
2	LP	<i>Lagerstroemia indica 'Potomac'</i>	Potomac Crape Myrtle	10'-12', B & B	Min. 2" Cal.
28	PP	<i>Pinus palustris</i>	Long Leaf Pine	8'-10', B&B	As Shown
14	PY	<i>Prunus x yedoensis 'Yoshino'</i>	Yoshino Cherry	10'-12', B & B	As Shown
3	QN	<i>Quercus nuttalli</i>	Nuttall Oak	10'-12', 2 1/2" cal., B & B	Min. 2" Cal.
Shrubs					
143	RR	<i>Rosa 'Radko'</i>	Dbl. Knockour Rose (Red)	15-18", #3 Cont.	3' O.C.
Ornamental Grasses and Perennial Plants					
74	MC	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass	#1 Cont	2' O.C.
198	PHM	<i>Panicum virgatum 'Heavy Metal'</i>	Heavy Metal Switchgrass	#1 Cont	3' O.C.
Descriptions					
350	CY	Mulch			
50	MG	Water for Planting			
1	LS	Plant Bed Cleanup			
1,750	SY	Pre-emergent Herbicidal Treatment			
3,100	SY	Post-emergent Herbicidal Treatment			

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	-----

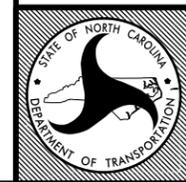
INDEX OF SHEETS:

- L1 ... TITLE SHEET, SUMMARY OF QUANTITIES
- L 2... PLANTING DETAILS
- L 3... US 1 & US 15-501 Split Landscape Plan
- L 4... US 421 @ Mt. Pisgah Ch. Rd Landscape Plan

PREPARED BY: BK DATE: SEPT/2013

REVISIONS

DATE	DESCRIPTION



STATE OF
NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

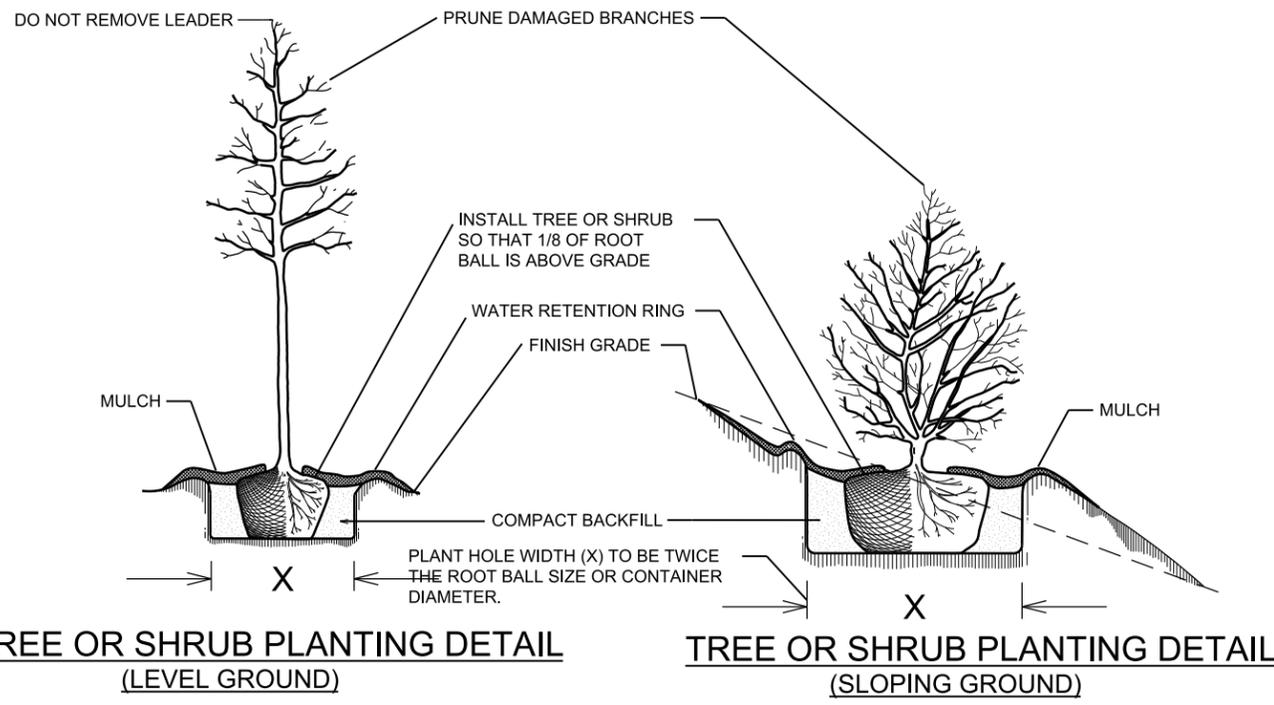
LOCATION: US 421 @ Mt. Pisgah Ch. Rd. (Sanford, NC) & US 1 & US 15-501 Split (Tramway, NC)

TYPE of WORK: Landscape Planting

COUNTY: lee

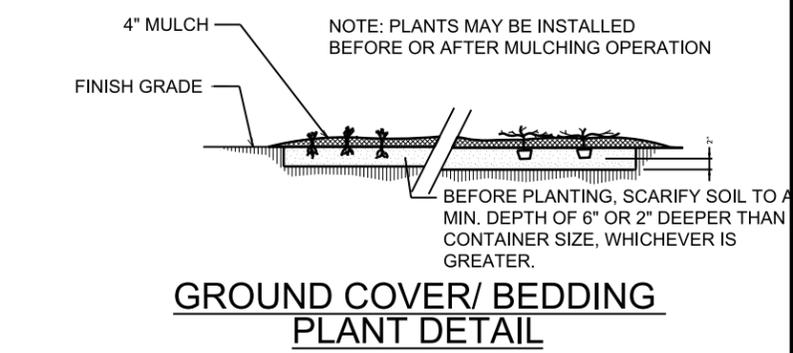
2004 American Standard for Nursery Stock
2012 NCDOT STANDARD SPECIFICATIONS
PREPARED IN THE OFFICE OF:
NCDOT- ROADSIDE ENVIRONMENTAL UNIT
LANDSCAPE DESIGN & DEVELOPMENT SECTION
1557 MAIL SERVICE CENTER
RALEIGH NC 27699 919-707-2935

27-SEP-2013 14:10 S:\Proj\Ngm\Landscapes\33920.3.4_US15-501_MtPisgah_Lee Co\US 1-15501 split & Mt Pisgah plans.dgn jstfoder AT

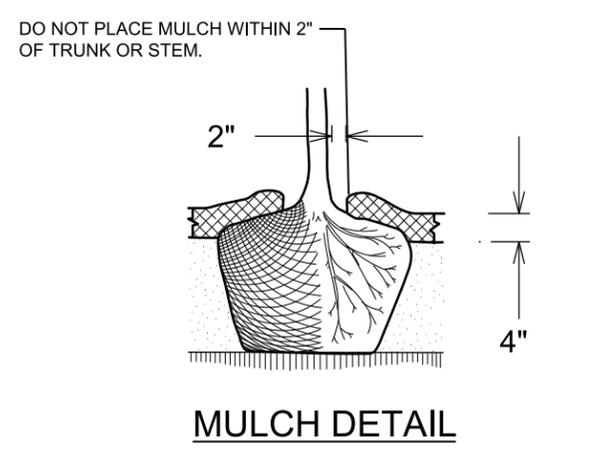


TREE OR SHRUB PLANTING DETAIL
(LEVEL GROUND)

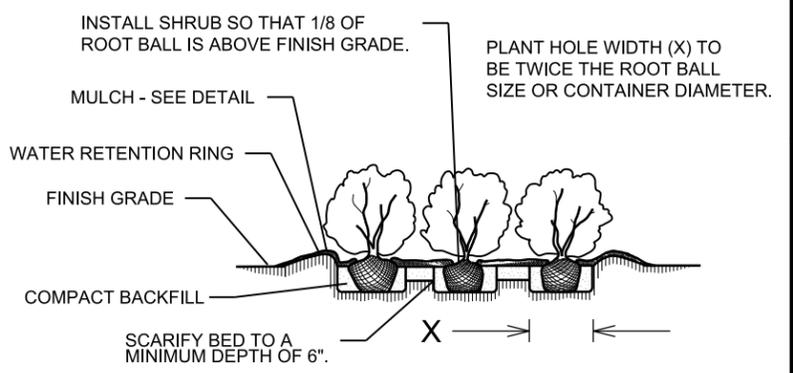
TREE OR SHRUB PLANTING DETAIL
(SLOPING GROUND)



GROUND COVER/ BEDDING PLANT DETAIL

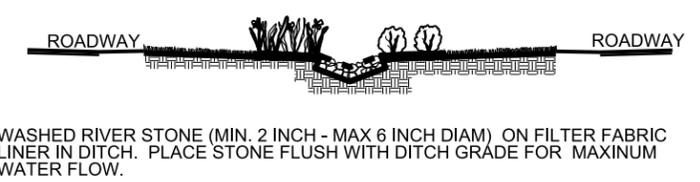


MULCH DETAIL

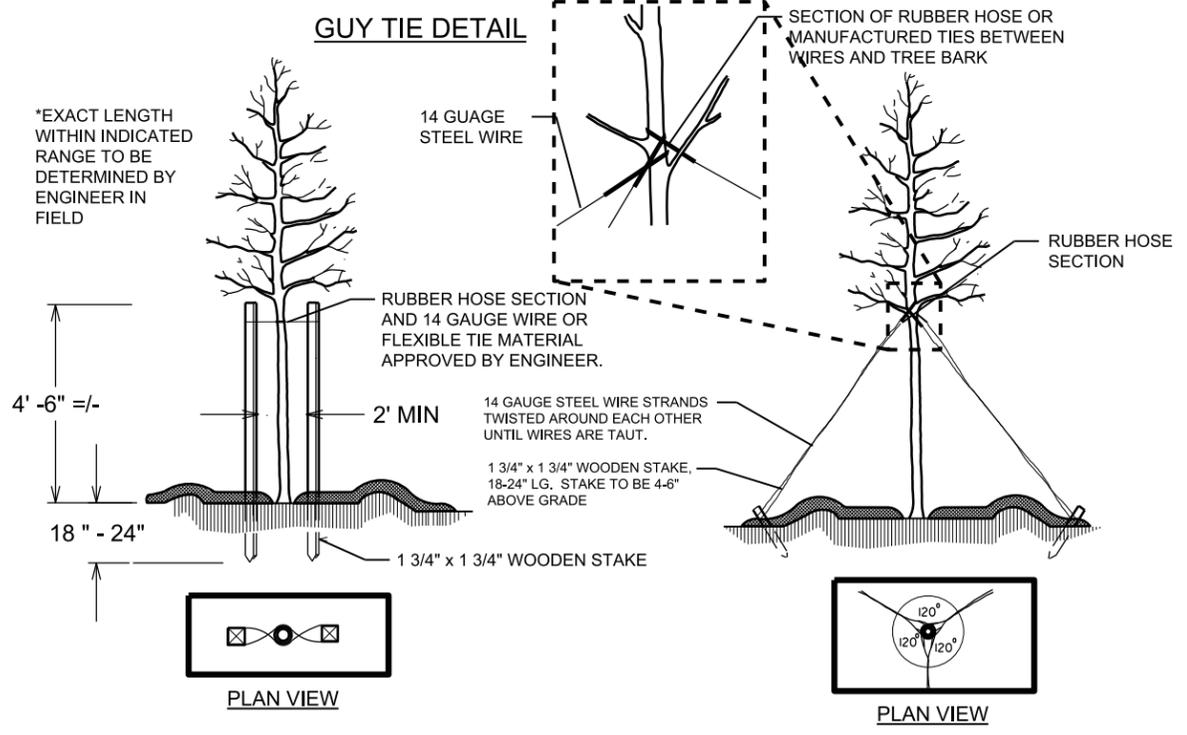


SHRUB BED PLANTING DETAIL

- 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 PELLETT 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.

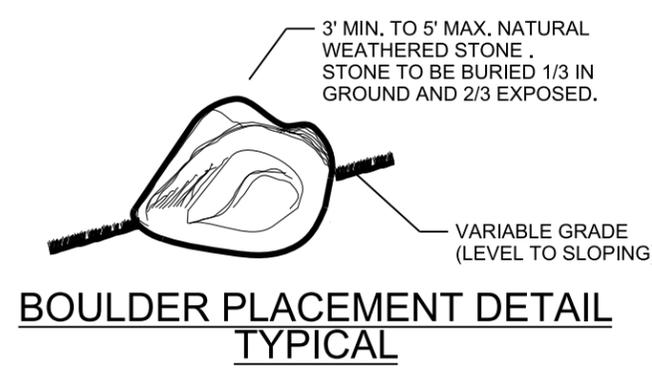


RIVERSTONE DITCH LINING DETAIL

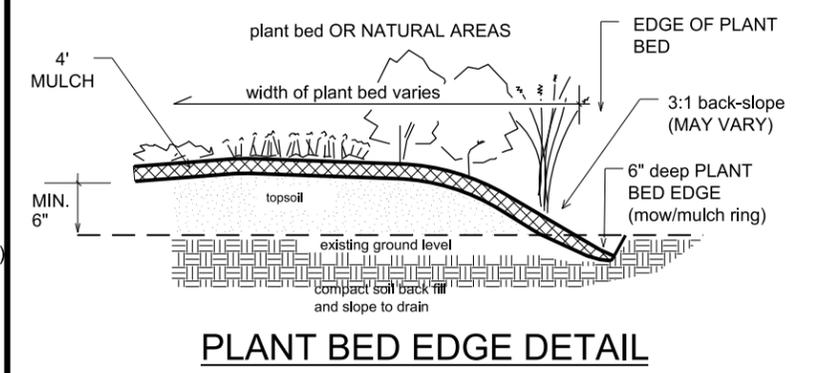


STAKING DETAIL
(TREES 6'-10')
USE AS DIRECTED BY FIELD ENGINEER

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



BOULDER PLACEMENT DETAIL TYPICAL



PLANT BED EDGE DETAIL

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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/

Landscape Improvement Plan
Sanford - Lee County, NC
wbs #: 3708.3.--

re u engineer
B. Kopetsky
sheet description:

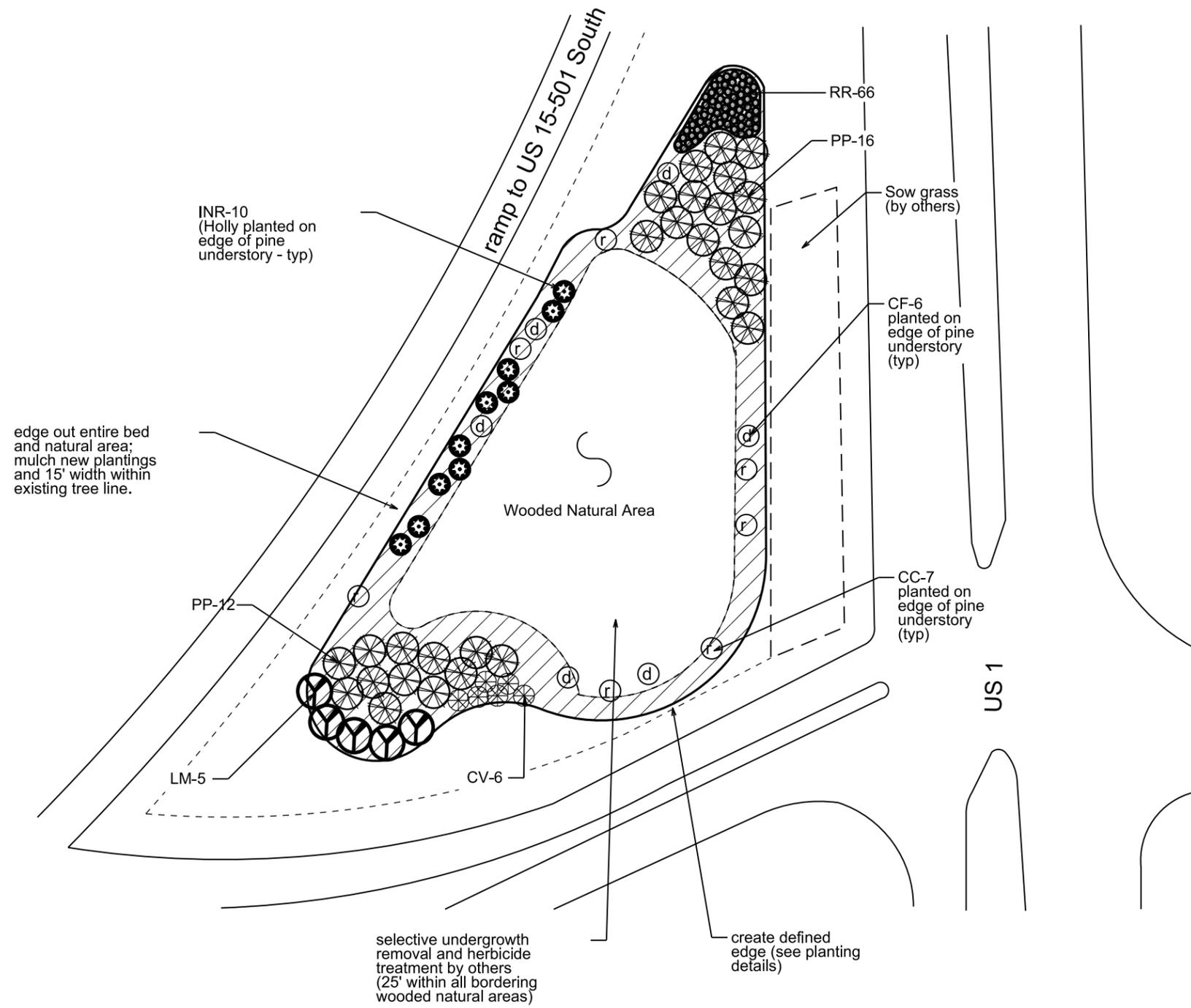
prel. design date: SEPT/ 2013
checked by & date:
final design date: SEPT/2013

planting DETAILS



T.I.P. #
WBS # 33920.3.4
FED I.D. #
sheet no: L 2 total sheet no: 4

Landscape Development Plan



KEY	BOTANICAL NAME	COMMON NAME	FURNISH	REMARKS
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CF	<i>Cornus florida</i>	Flowering Dogwood	6' B & B	As Shown
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PP	<i>Pinus palustris</i>	Long Leaf Pine	6-10'; B&B	As Shown
PY	<i>Prunus x yedoensis 'Yoshino'</i>	Yoshino Cherry	10-12'; B & B	As Shown
QN	<i>Quercus nuttallii</i>	Nuttall Oak	10-12'; 21/2" cal. B & B	Min. 2" Cal.
Shrubs				
RR	<i>Rosa 'Radko'</i>	DbI. Knockout Rose (Red)	15-18'; #3 Cont.	3' O.C.
Ornamental Grasses and Perennial Plants				
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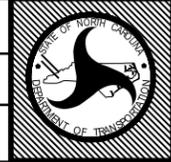
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 landscape design & Development
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 ph: 919-707-2920 fax: 919-715-2554
http://www.ncdot.org/doh/operations/dp_chief_eng/roadside/

Landscape Improvement Plan
 Sanford - Lee County, NC
 WBS # 3708.3.--

RN Kopetsky

sheet description:
 prel. design date : Sept/2013
 checked by & date :
 final design date : Oct/2013

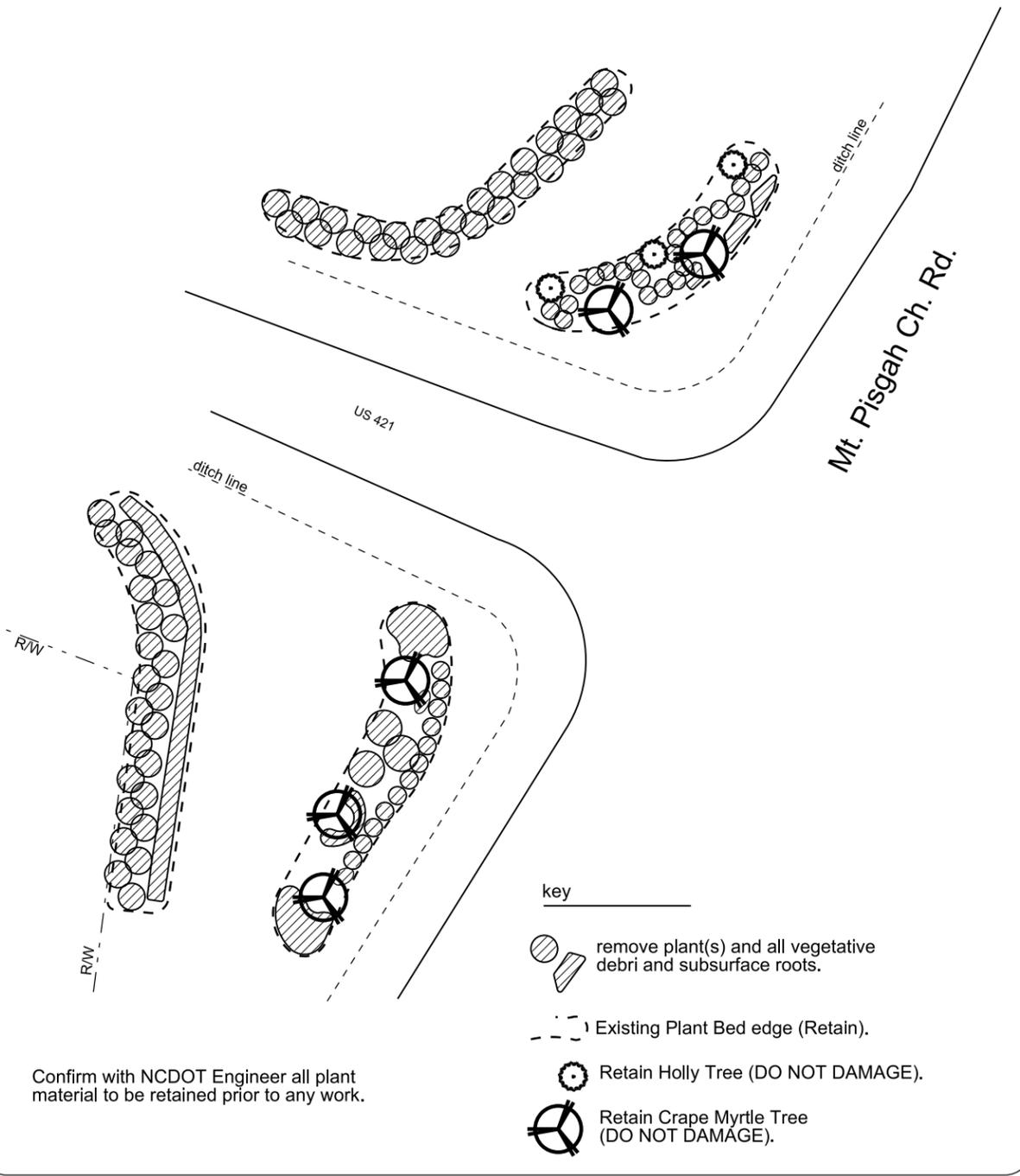
US 1 & US 15-501 Split
 South of Tramway
 landscape planting



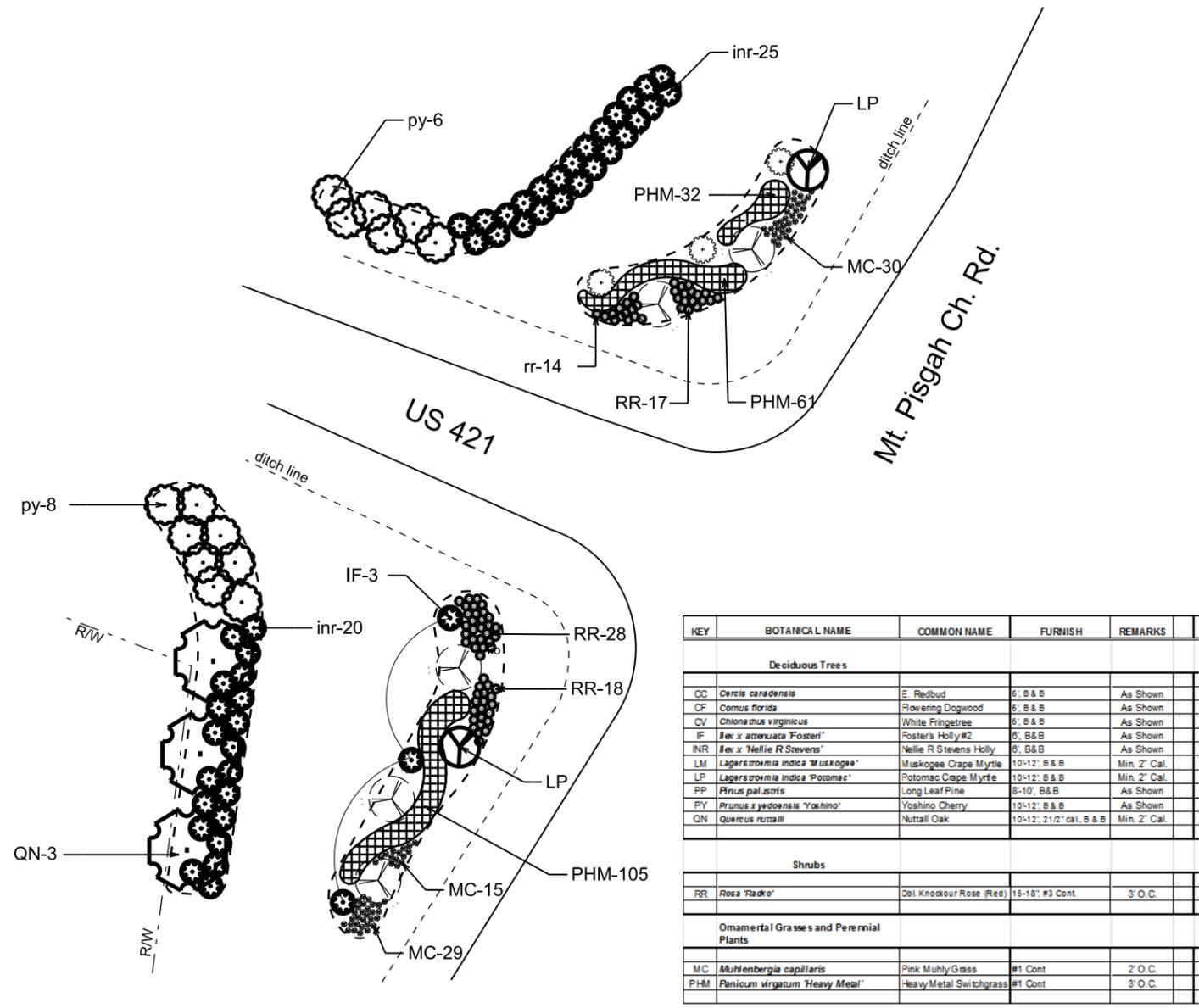
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Renovation/ Plant Removal Plan



Renovation/ Landscape Plan



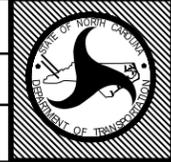
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Landscape Improvement Plan
 Sanford - Lee County, NC
 WBS # 3708.3.--

RN Kopetsky

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US 421 @ Mt. Pisgah Ch. Rd.
 landscape planting



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 sheet no : L4 total sheet no : 4