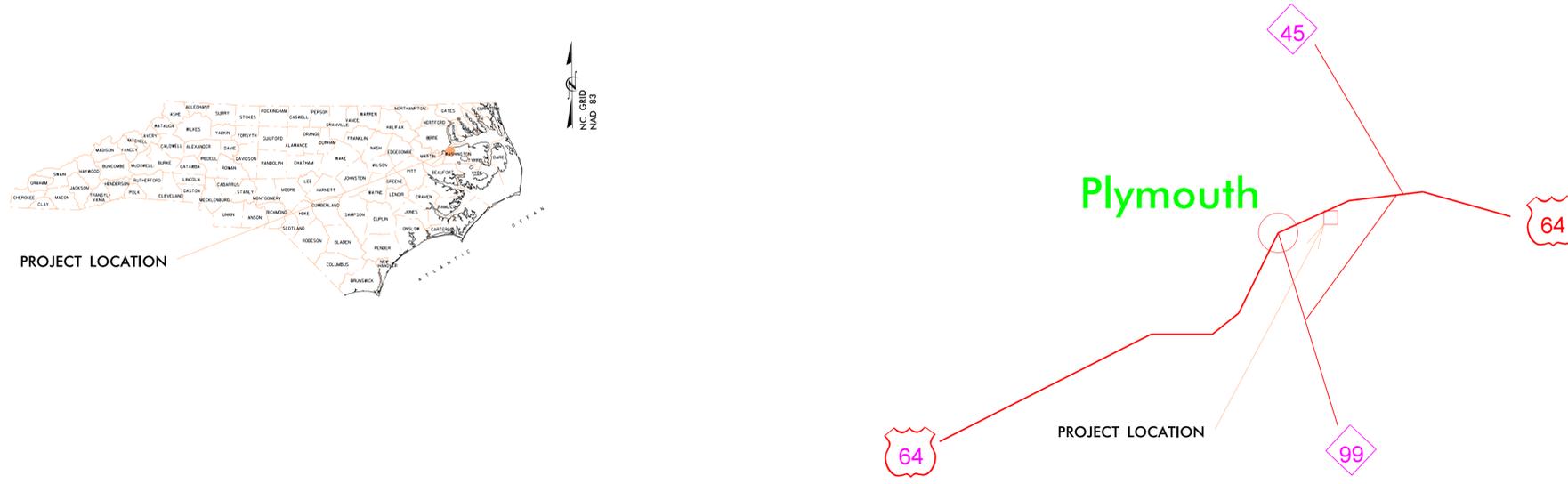


HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
-	3701.3.22	L1.0	5
FED. PROJ. #	DESCRIPTION		DIVISION
-	RA Landscape		1



Summary of Landscape Quantities

Des	Sec	Qty.	Unit	Key	Botanical Name	Common Name	Size	Caliper	Furnish	A.S.N.S.	Remarks	
L	1670	51	ea	AK	Abelia 'Kaleidoscope'	Kaleidoscope Abelia	15-18"			4.2.2	as shown	
L	1670	2	ea	AP	Acer palmatum 'Viridis'	Viridis Japanese Maple	3-4'	#10	cont. min.	1.2.4	as shown	
L	1670	2	ea	CJ	Camelia sasanqua 'ShiShi Gashira'	ShiShi Camelia	24-30"	#3	cont.	4.2.5	as shown	
L	1670	38	ea	EP	Echinacea purpurea 'Magnus'	Purple Coneflower	#1	cont.	12.3	18" O.C.		
L	1670	21	ea	HB	Hosta 'Patriot'	Patriot Hosta	#1	cont.	12.2.4	2' O.C.		
L	1670	483	ea	HD	Hemerocallis 'Pardon Me'	Pardon Me Daylily	3 fan	#1	cont.	12.2.3	2' O.C.	
L	1670	86	ea	LM	Liriope muscarii 'Big Blue'	Big Blue Liriope	#1	cont.	12.5		as shown	
L	1670	11	ea	LT	Lagerstroemia 'Tuscarora'	Tuscarora Crape Myrtle	7-8'	B&B	1.3.2.2.2		as shown	
L	1670	2	ea	MS	Magnolia stellata 'Royal Star'	Royal Star Magnolia	5-6'	B&B	1.3.1.3		as shown	
L	1670	2	ea	NO	Nerium oleander 'Hardy Pink'	Hardy Pink Oleander	3-4'	#7	Cont.	4.2.5	as shown	
L	1670	26	ea	RG	Rudbeckia 'Goldstrum'	Black-eyed Susan	#1	cont.	12.3	18" O.C.		
L	1670	6	ea	RR	Rosa x 'Knock-out' Radtkopink	Knock Out Pink Rose	18-24"	#3	cont.	5.2	as shown	
L	1670	43	ea	IC	Ilex cornuta 'Carissa'	Carissa Holly	18-24"	#3	cont.	4.2.2	as shown	
L	1670	9	ea	SG	Spiraea japonica 'Goldmound'	Goldmound Spiraea	12-15"	#3	cont.	2.2.3	as shown	
L	1670	25	ea	SH	Sporobolus heterolepsis	Prairie Dropseed	#1	cont.	12.4		as shown	
L	1670	24	ea	SS	Schizachyrium scoparium	Little Bluestem	#1	cont.	12.4		as shown	
L	1670	3	ea	TD	Taxodium distichum	Bald Cypress	8-10'	min.	1 1/2"	B&B	1.2.1	as shown
L	1670	2597	SY		Centipede Sodding	Centipede Sodding					as shown	
L	1670	4.5	TON		River Rock							
L	1670	667	LF		Landscape Metal Edging							
2729	1670	100	CY		Mulch for Planting							
2731	1670	20	MG		Water for Planting							
L	1670	700	SY		Post emergence 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	-----C-----
Prop. Control of Access Line	-----C-----
Property Line	-----E-----
Easement Line	-----E-----
Slope Stake Line	-----S-----
Exist. Fence	-----+-----
Prop. Woven Wire Fence	-----+-----
Prop. Chain Link Fence	-----O-----
Exist. Road	-----D-----
Prop. Road	-----D-----
Guardrail	-----T-----
Survey Line	-----S-----
Denotes Line Equality	-----+-----
Bridge	-----B-----
Culvert	-----C-----
Railroad	-----R-----
Woods	-----W-----
Exist. Telephone Pole	-----T-----
Prop. Telephone Pole	-----T-----
Tower Pole and Line	-----T-----
Exist. Power Pole	-----P-----
Prop. Power Pole	-----P-----
Sanitary Sewer Line	-----SS-----
Water Line	-----W-----
Gas Line	-----GAS-----
Picnic Shelter	-----PS-----
Regeneration	-----R-----
Reforestation	-----RF-----

INDEX OF L SHEETS:

L 1.0	... TITLE, DESCRIPTION, LOCATION
L 2.0	... REMOVALS PLAN
L 3.0	... LANDSCAPE PLAN
L 4.0	... LANDSCAPE PLAN DETAILS
L 5.0	... PLANTING DETAILS

PREPARED BY: DLW DATE: 07/2013

REVISIONS

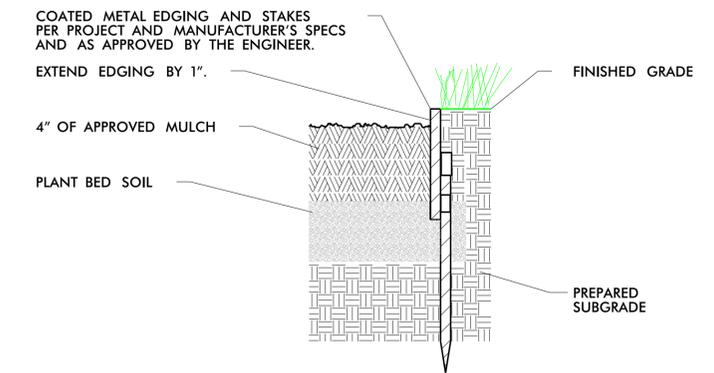
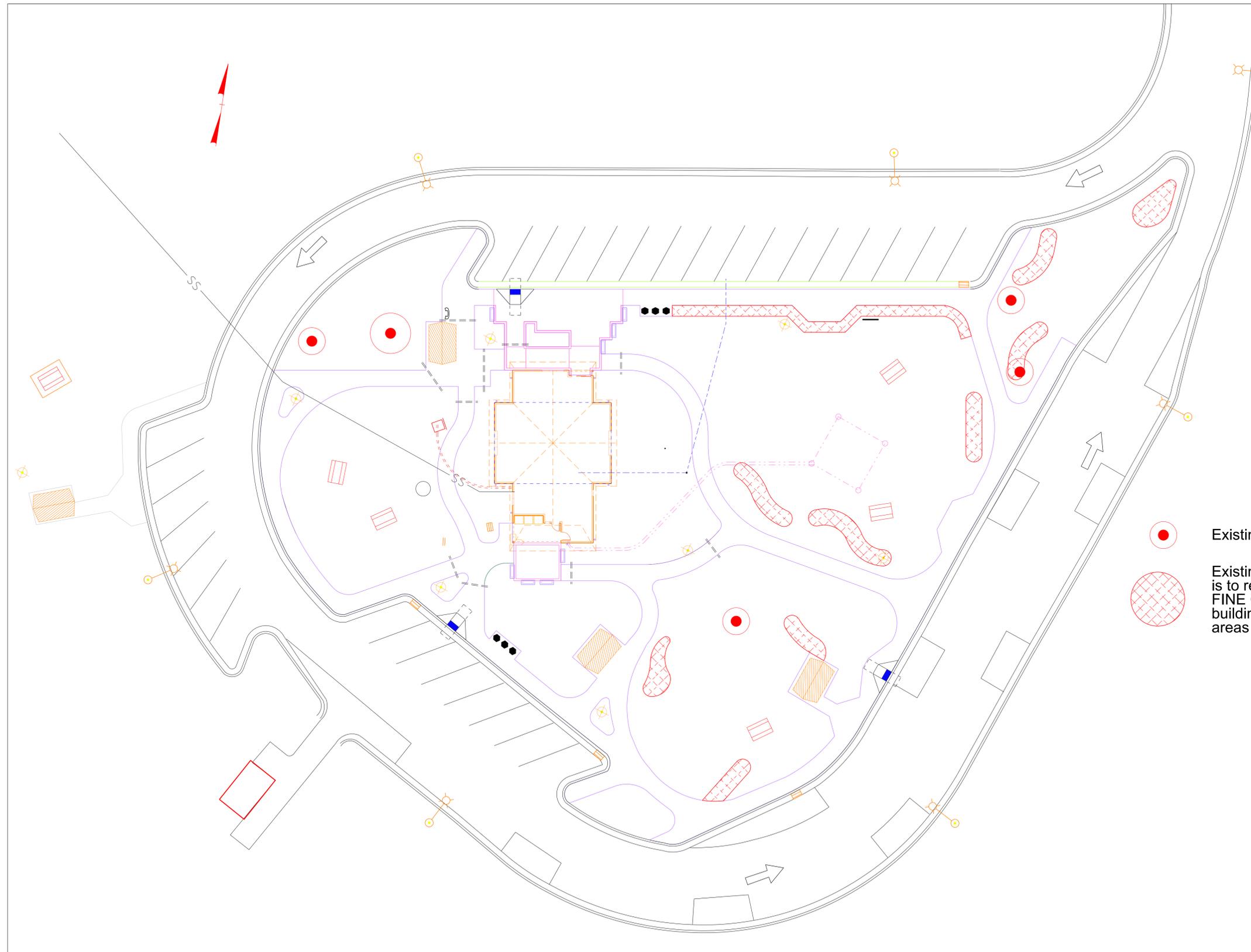
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2/2014	BK



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

LOCATION:	US 64 Rest Area Plymouth
TYPE of WORK:	Rest Area Landscape Renovation
COUNTY:	Washington County

re engineer :
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

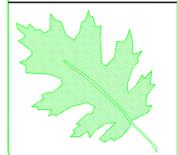
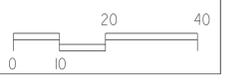


NOTE:
METAL EDGING TO BE UTILIZED @ PLANT BED AREAS ADJACENT TO LAWN AREAS, AND BETWEEN ROCK MULCH AND ORGANIC MULCH AT BENCHES. CONSULT WITH ENGINEER AND DESIGNER TO GET PROPER PLACEMENT IN THE FIELD.

A LANDSCAPE METAL EDGING
L2 nts

Existing Tree to Remain

Existing Plantings have been Removed by Others. The Contractor is to replace disturbed areas with turf or plantings as shown on plans. FINE Grade for positive drainage away from buildings or shelters, across all turf / planting areas to back of Perimeter walks or to basins.



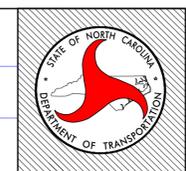
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LANDSCAPE DESIGN & DEVELOPMENT
1557 MAIL SERVICE CENTER, RALEIGH, NC 27699-1557
PH: 919-707-2920 FAX: 919-715-2554
http://www.ncdot.org/doh/operations/dp_chief_eng/roadside/

**US 64 Washington County
Rest Area Renovation**
WBS# : **3701.1.01**

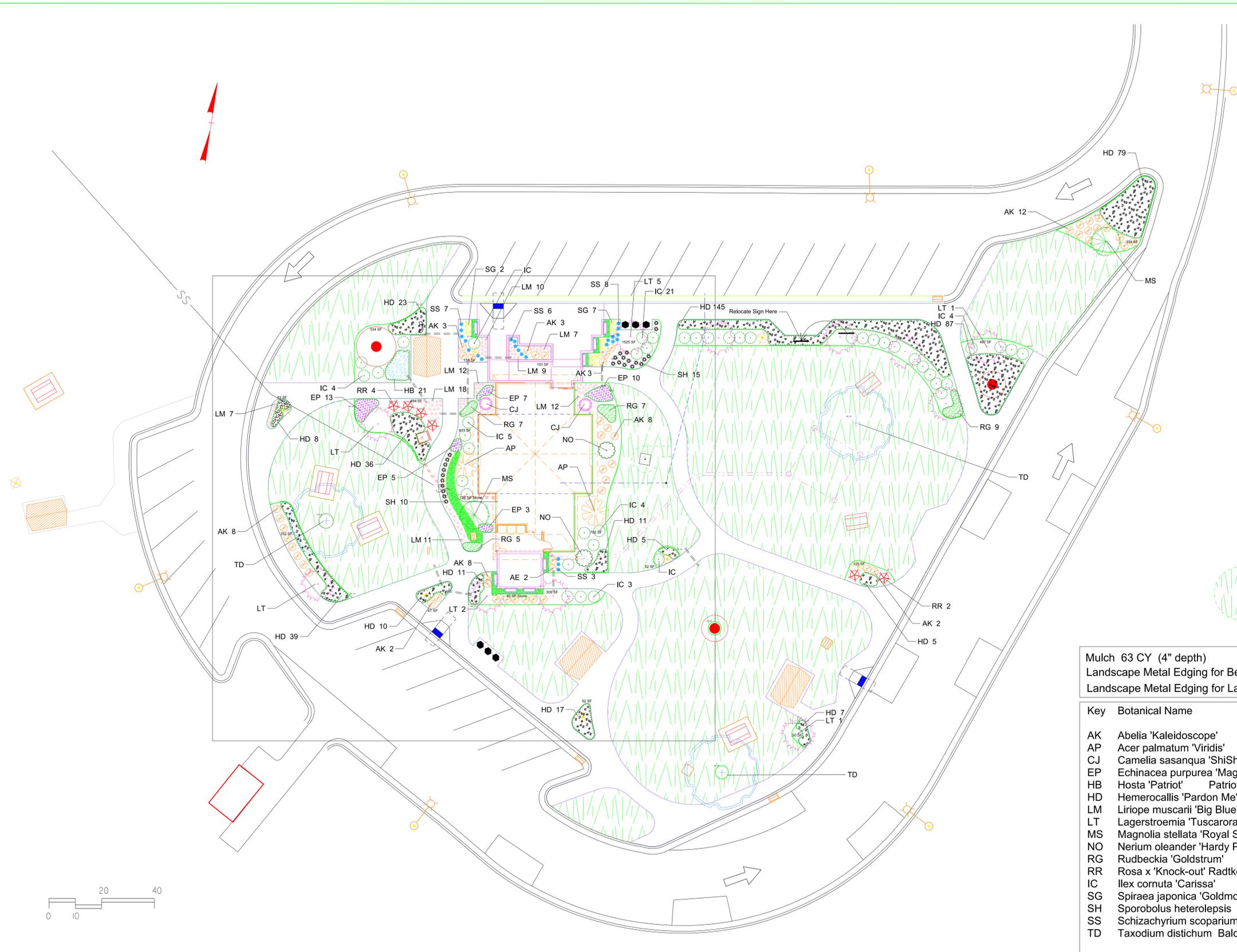
reu engineer :

sheet description:	Removal Plan

prel design date: **11 / 8 / 2012**
checked by & date :
final design date : **7 / 11 / 2013**



sheet no : **L 2.0**
total sheet no : **5**



Plants Symbol Key

- hardy pink oleander
- shishi gashira Camelia
- Kaleidoscope Abelia
- Goldmound Spiraea
- big blue Liriope
- Prairie Dropseed
- Little Bluestem
- Knockout Rose
- Carissa Holly
- 'Pardon Me' Daylily
- patriot Hosta
- purple Coneflower
- Brown-eyed Susan
- tuscarora Crape Myrtle
- Star Magnolia
- Japanese Maple
- Bald Cypress
- River Rock 4.5 T (214 SF)
- Centipede Sod or Over-seeding 21,000 SF
- Existing Tree to Remain

Mulch 63 CY (4" depth)
 Landscape Metal Edging for Bench Stone 71 LF
 Landscape Metal Edging for Lawn Areas 596 LF

Key	Botanical Name	Common Name	Size	Caliper	Furnish	A.S.N.S.	Remarks
AK	Abelia 'Kaleidoscope'	Kaleidoscope Abelia, 15-18", #3 cont., 4.2.2, as shown					
AP	Acer palmatum 'Viridis'	Viridis Japanese Maple, 3-4', #10 cont. min., 1.2.4					as shown
CJ	Camellia sasanqua 'ShiShi Gashira'	ShiShi Camelia, 24-30", #3 cont., 4.2.5, as shown					
EP	Echinacea purpurea 'Magnus'	Purple Coneflower, #1 cont., 12.3, 18" O.C.					
HB	Hosta 'Patriot'	Patriot Hosta, #1 cont., 12.2.4, 2' O.C.					
HD	Hemerocallis 'Pardon Me'	Pardon Me Daylily, 3 fan, #1 cont., 12.2.3, 2' O.C.					
LM	Liriope muscarii 'Big Blue'	Big Blue Liriope, #1 cont., 12.5, as shown					
LT	Lagerstroemia 'Tuscarora'	Tuscarora Crape Myrtle, 7-8', B&B, 1.3.2.2.2, as shown					
MS	Magnolia stellata 'Royal Star'	Royal Star Magnolia, 5-6', B&B, 1.3.1.3, as shown					
NO	Nerium oleander 'Hardy Pink'	Hardy Pink Oleander, 3-4', #7 Cont., 4.2.5., as shown					
RG	Rudbeckia 'Goldstrum'	Black-eyed Susan, #1 cont., 12.3, 18" O.C.					
RR	Rosa x 'Knock-out' Radtkopink	Knock Out Pink Rose, 18-24", #3 cont., 5.2, as shown					
IC	Ilex cornuta 'Carissa'	Carissa Holly, 18-24", #3 cont., 4.2.2, as shown					
SG	Spiraea japonica 'Goldmound'	Goldmound Spiraea, 12-15", #3 cont., 2.2.3, as shown					
SH	Sporobolus heterolepis	Prairie Dropseed, #1 cont., 12.4, as shown					
SS	Schizachyrium scoparium	Little Bluestem, #1 cont., 12.4, as shown					
TD	Taxodium distichum	Bald Cypress, 8-10', min. 1 1/2", B&B, 1.2.1, as shown					



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US 64 Washington County
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 WBS# : **3701.1.01**

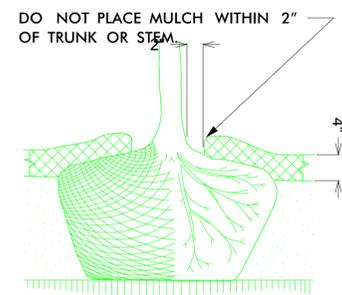
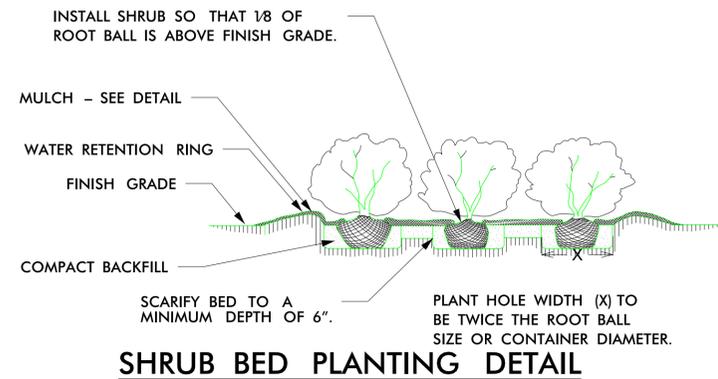
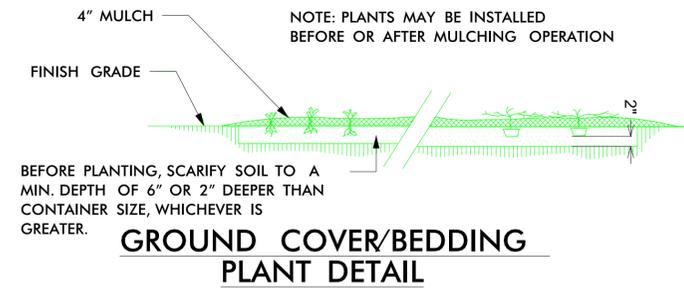
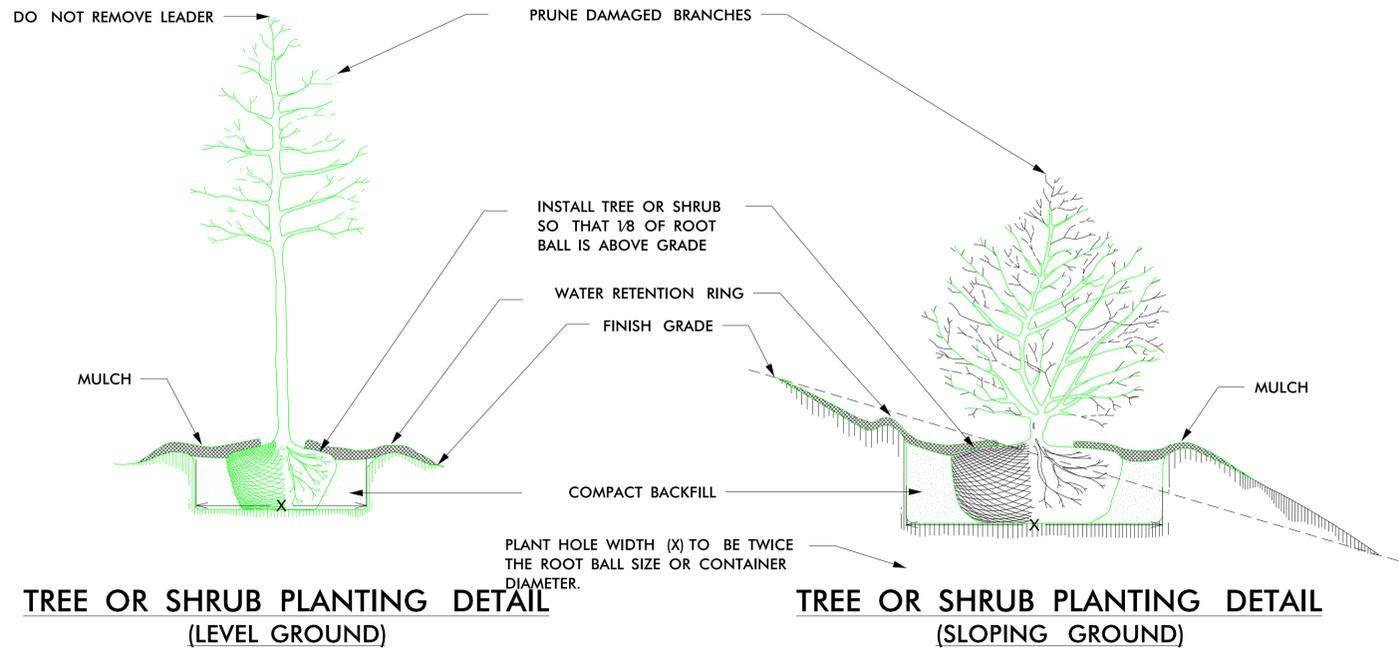
reu engineer :

sheet description:
Landscape Plan

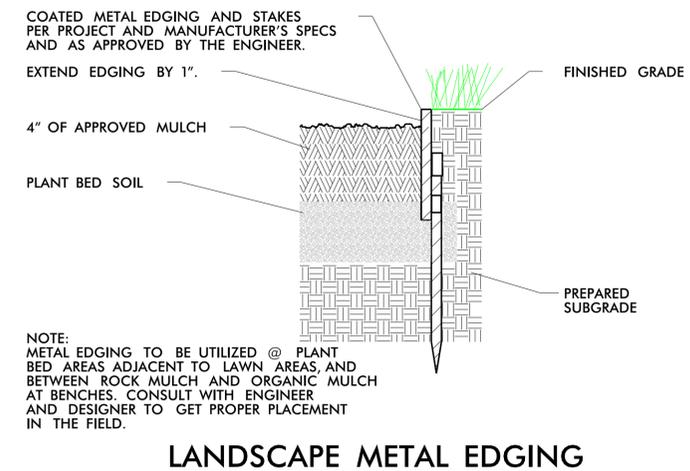
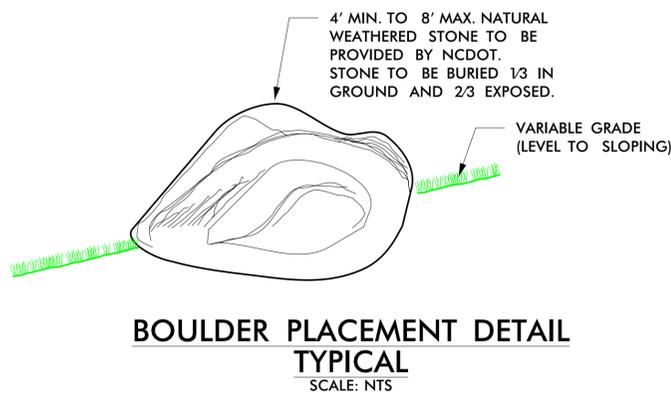
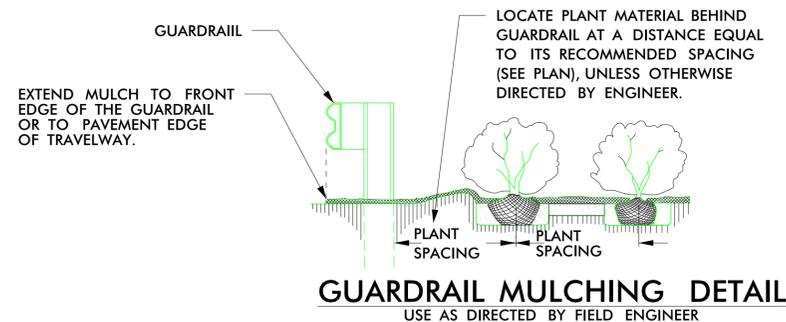
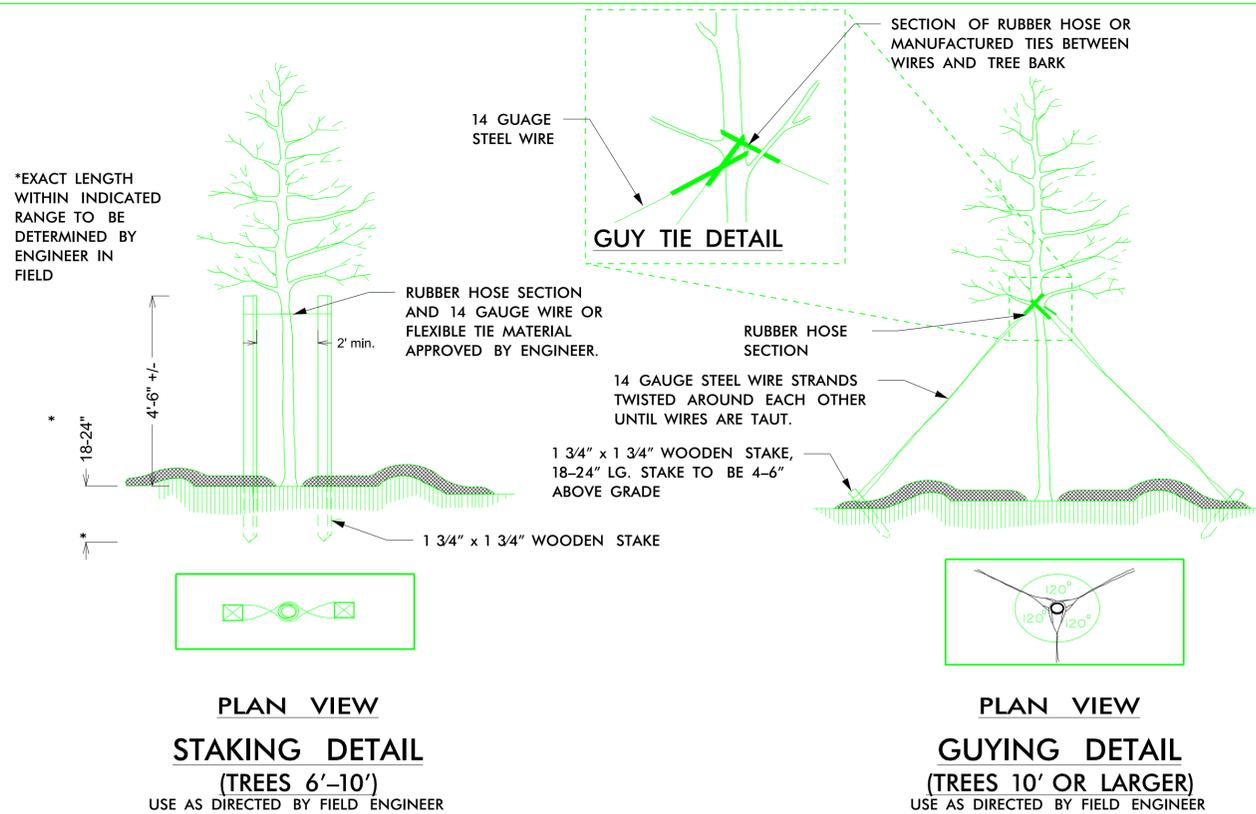
prel design date: **11 / 8 / 2012**
 checked by & date :
 final design date: **07 / 11 / 2013**



sheet no : **3.0**
 total sheet no : **5**



- 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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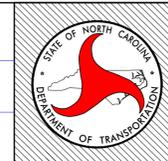
US 64 Washington County Rest Area Renovation
 WBS# : **3701.1.01**

reu engineer :

sheet description:

Landscaping Planting Details

prel design date: **11/8/2012**
 checked by & date :
 final design date : **07/11/2013**



sheet no : **45.0**
 total sheet no : **5**