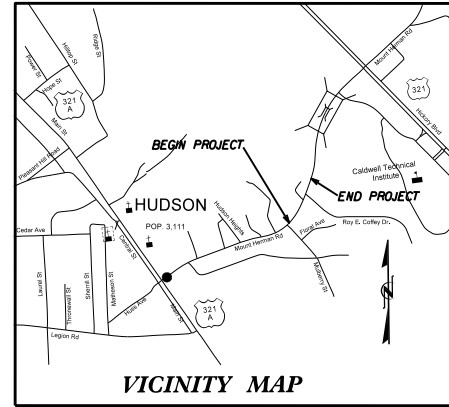


HIGHWAY LANDSCAPE DEVELOPMENT PROJECT

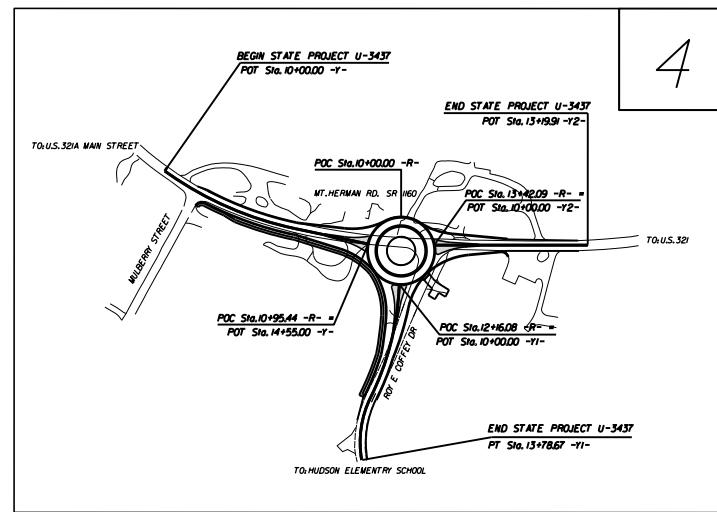
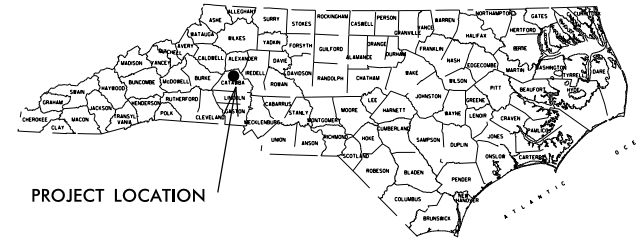
T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
E-2973K	3711.3.17	L1.0	4
FED. PROJ. #	DESCRIPTION	DIVISION	
-	ENHANCEMENT	11	



CALDWELL COUNTY

LOCATION: S.R. 1160 (MT. HERMAN RD)

TYPE OF WORK: LANDSCAPE ENHANCEMENT



Summary of Quantities

DES	SEC	QTY	UNIT	KEY	BOTANICAL NAME	COMMON NAME	SIZE	FURNISH	A.S.N.S.	REMARKS
L	1670	74	EA	HH	Hemerocallis 'Happy Returns'	Happy Returns Daylily		#1 cont	12.2.3	As Shown
L	1670	33	EA	IC	Ilex crenata 'Soft Touch'	Soft Touch Holly	18-24"	#3 cont	4.2.2	As Shown
L	1670	1	EA	LI	Lagerstroemia indica 'Natchez'	Natchez Crape Myrtle	8-10"	B&B	1.3	3-4 stem
L	1670	42	EA	MC	Muhlenbergia capillaris	Pink Muhley Grass	18-24"	#3 cont	12.4	As Shown
L	1670	21	EA	ND	Nandina domestica 'Harbour Dwarf'	Harbour Dwarf Nandina	18-24"	#3 cont	4.2.2	As Shown
L	1670	21	EA	RK	Rosa x 'Double Knock Out'	Red Double Knock Out Rose	18-24"	#3 cont	5.2	As Shown
L	1670	13	CY		Mulch for Planting					
L	1670		M/G		Water for Planting					
L	1670	300	SY		Pre emergence treatment					
L	1670	300	SY		Post emergence treatment					
L	1670	146	SY		Landscape Filter Fabric					
L	1670	93	LF		Commercial Grade Steel Landscape Metal Edging, 4" wide, 12 ga. Brown powder coat finish					
L	1670	48	CY		Weed Free Topsoil					
L	1670	6	TONS		Washed River Rock					
L	1670	3			Boulders (2-5 tons each)					
L	1670	70	LF		Block Wall					
L	1670	1	CY		Crushed Stone 1" depth					

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	---(A)---
Prop. Control of Access Line	---(A)---
Property Line	---●---
Easement Line	--- ---
Slope Stake Line	---+---
Exist. Fence	---+---+---
Prop. Woven Wire Fence	---○---○---
Prop. Chain Link Fence	---□---□---
Exist. Road	===
Prop. Road	==
Guardrail	---T---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	--- ---

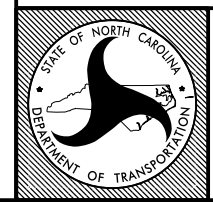
INDEX OF L SHEETS:

L 1.0	... TITLE, DESCRIPTION, LOCATION
L 2.0	... PLANTING DETAILS
L 3.0	... WALL LAYOUT PLAN
L 4.0	... PLANTING PLAN

PREPARED BY: BM DATE: 1/2014

REVISIONS

DATE	DESCRIPTION

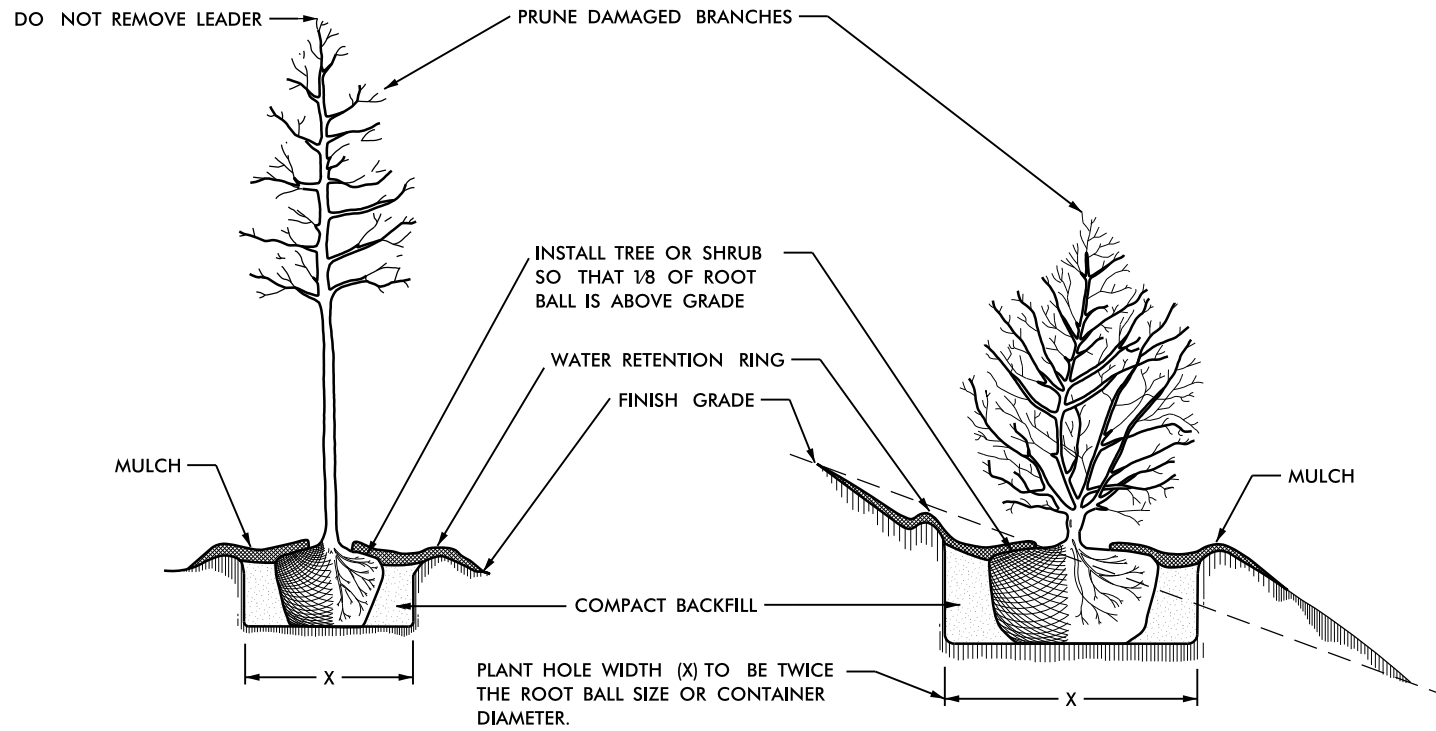


STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

LOCATION:	Mt. Herman Rd
TYPE OF WORK:	Landscape Planting
COUNTY:	Caldwell County

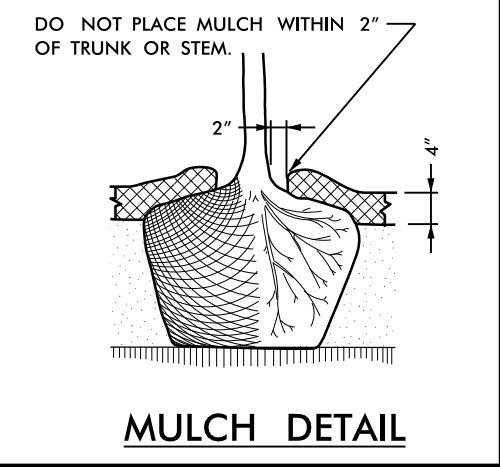
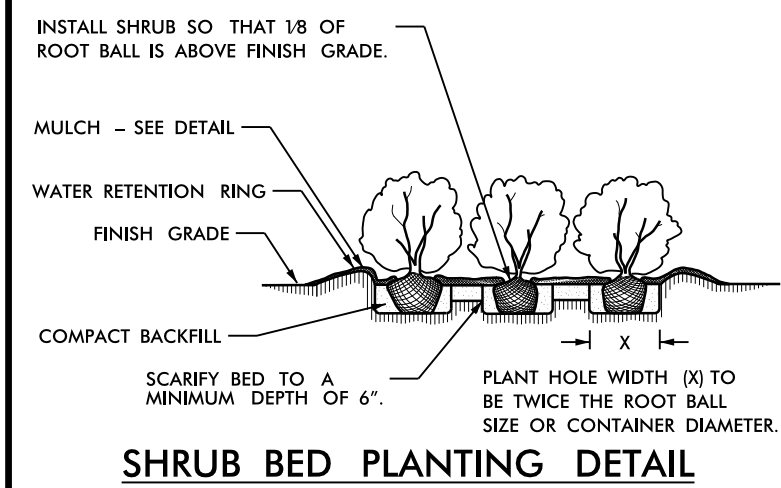
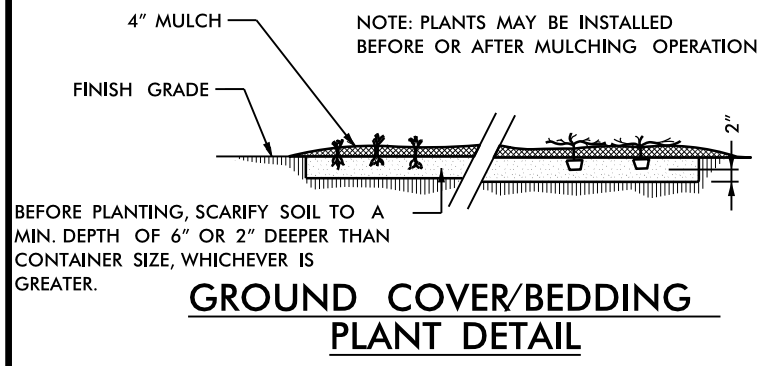
2004 American Standard for Nursery Stock
2012 NCDOT STANDARD SPECIFICATIONS
PREPARED IN THE OFFICE OF:
NCDOT- ROADSIDE ENVIRONMENTAL UNIT
LANDSCAPE DESIGN & DEVELOPMENT SECTION
1557 MAIL SERVICE CENTER
RALEIGH NC 27699 919-707-2920

PROJECT: E-2973K CALDWELL COUNTY



TREE OR SHRUB PLANTING DETAIL
(LEVEL GROUND)

TREE OR SHRUB PLANTING DETAIL
(SLOPING GROUND)



NOTES:

SCHEDULE FOR PLANT HOLE SIZE: PLANT HOLE WIDTH (X) TO BE TWICE THE ROOT BALL SIZE OR CONTAINER DIAMETER.

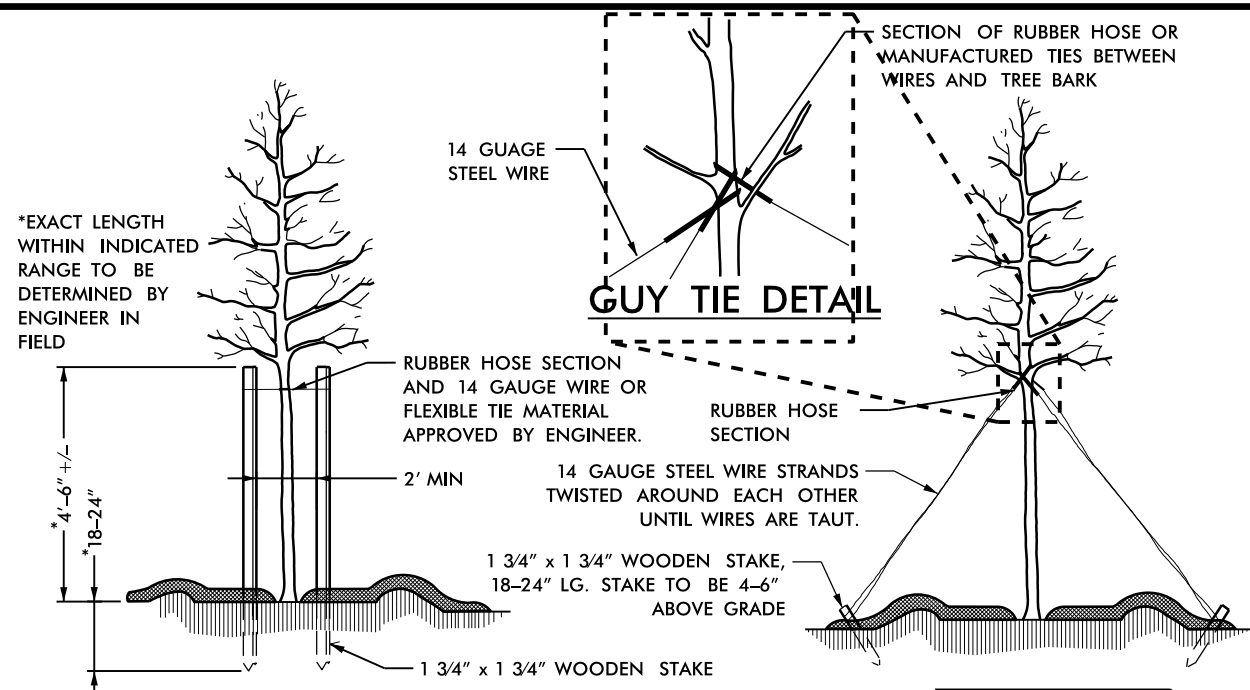
SEE STANDARD SPECIFICATIONS FOR PLANT BED FUMIGATION AND HERBICIDAL TREATMENT.

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.

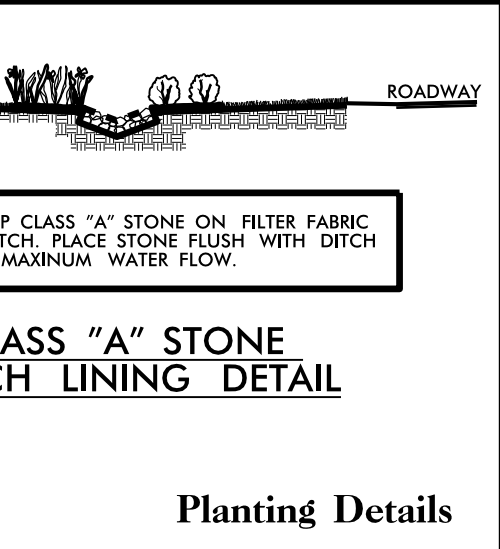
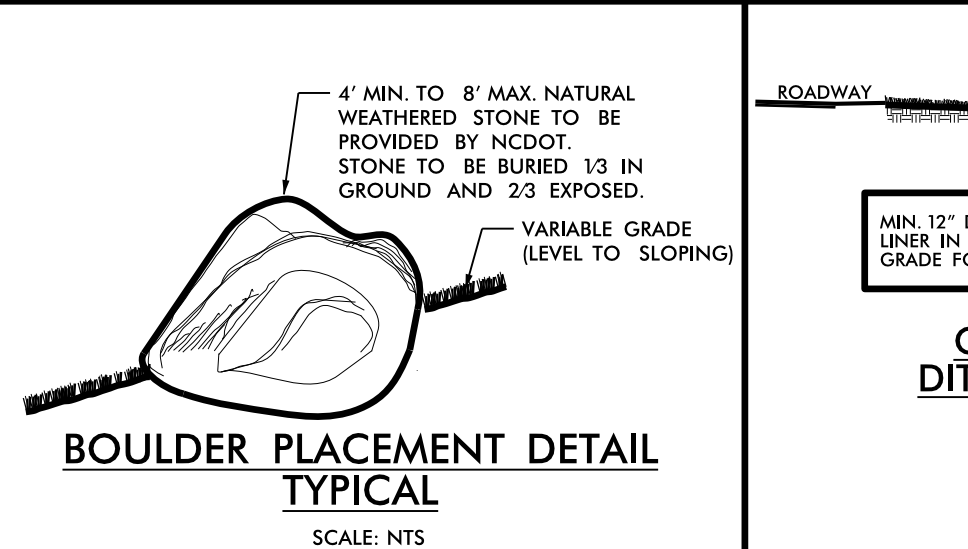
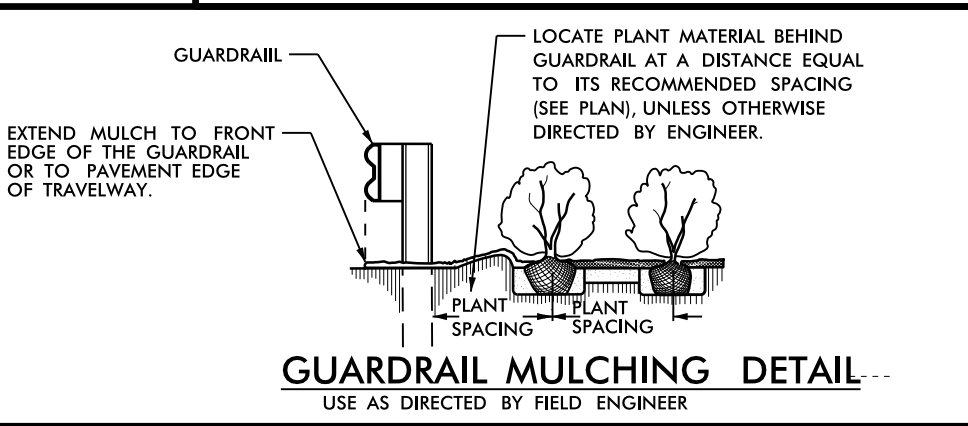


STAKING DETAIL
(TREES 6'-10')

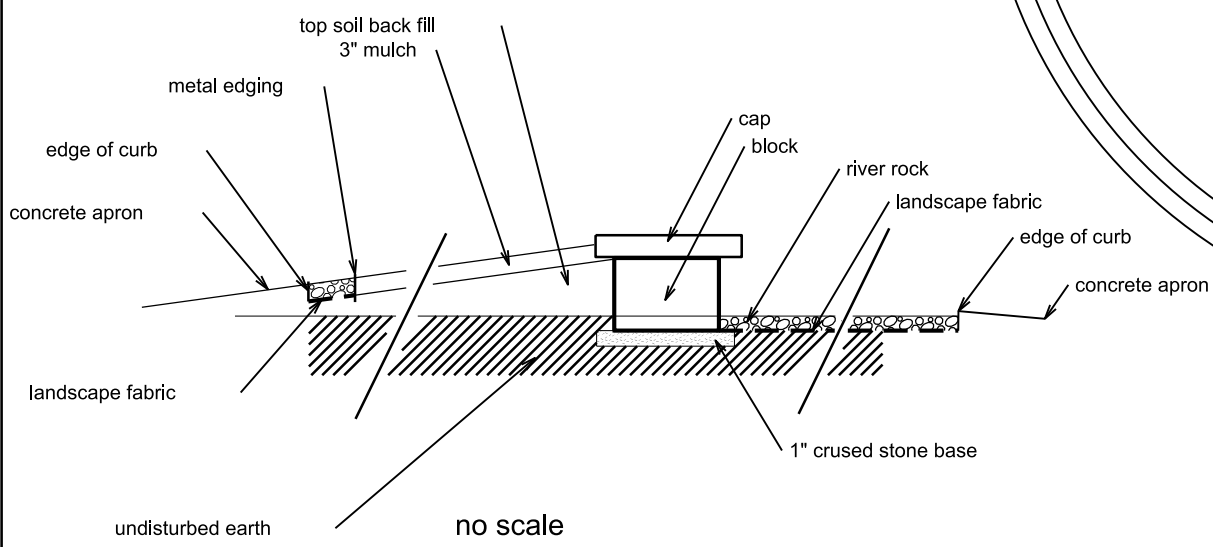
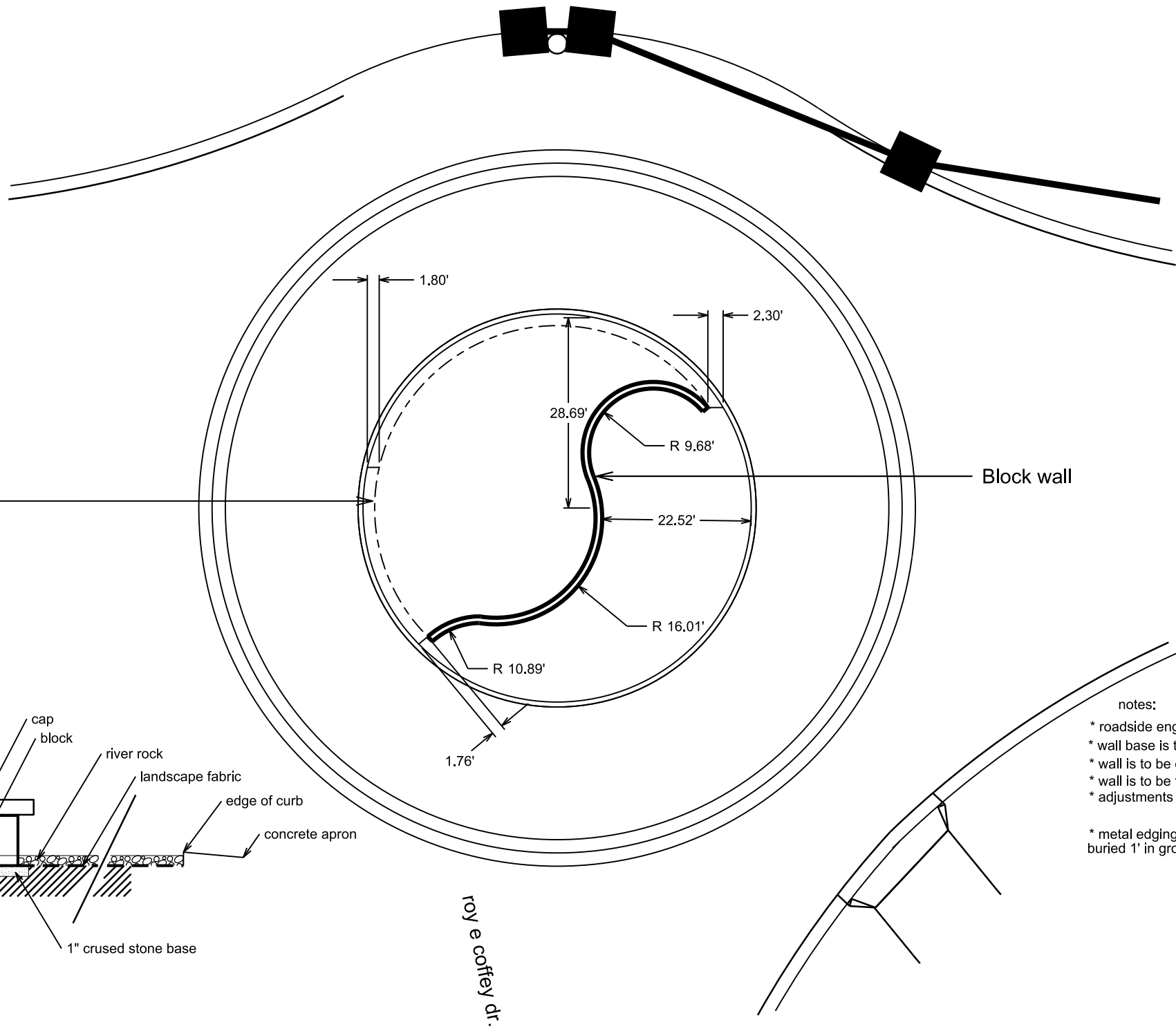
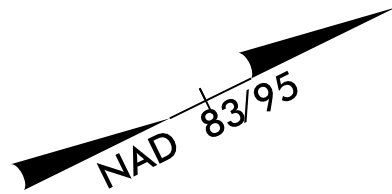
USE AS DIRECTED BY FIELD ENGINEER

GUYING DETAIL
(TREES 10' OR LARGER)

USE AS DIRECTED BY FIELD ENGINEER



06-FEB-2014 14:43 R:\U3\37\Landscap U-3437.Landscape P\In.dgn \$\$\$USERNAMESS\$\$



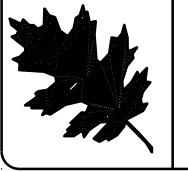
notes:

- * roadside engineer must approve block size and color
- * wall base is to be 1" compacted crushed stone
- * wall is to be one block high with 1" below grade
- * wall is to be topped with matching cap (glued to block)
- * adjustments must be approved by roadside engineer

* metal edging is to be brown commercial grade buried 1" in ground between mulch and river rock



06-FEB-2014 14:44 R:\L\3711317\Drawings\U-3437 Landscape Pln.dgn \$\$\$USERNAME\$\$\$



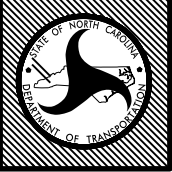
ncdot - Roadside environmental unit
 landscape design & Development
 1557 mail service center raleigh nc 27699-1557
 ph: 919-707-2935 fax: 919-715-2554
http://www.ncdot.org/doh/operations/dp_chief_eng/roadside/

Mt. Herman Rd RoundAbout
 Caldwell County

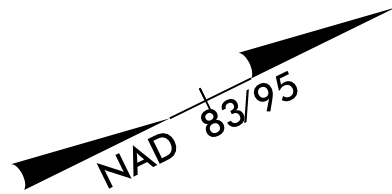
reu engineer:
B. Minter Sr.

sheet description:	pref. design date : jan/2014
	checked by & date :
	final design date : jan/2014

enhancement
wall layout sheet



T.I.P. # E-2973K
WBS # 3711.3.17
FED I.D. #
sheet no: L-3
total sheet no: 4

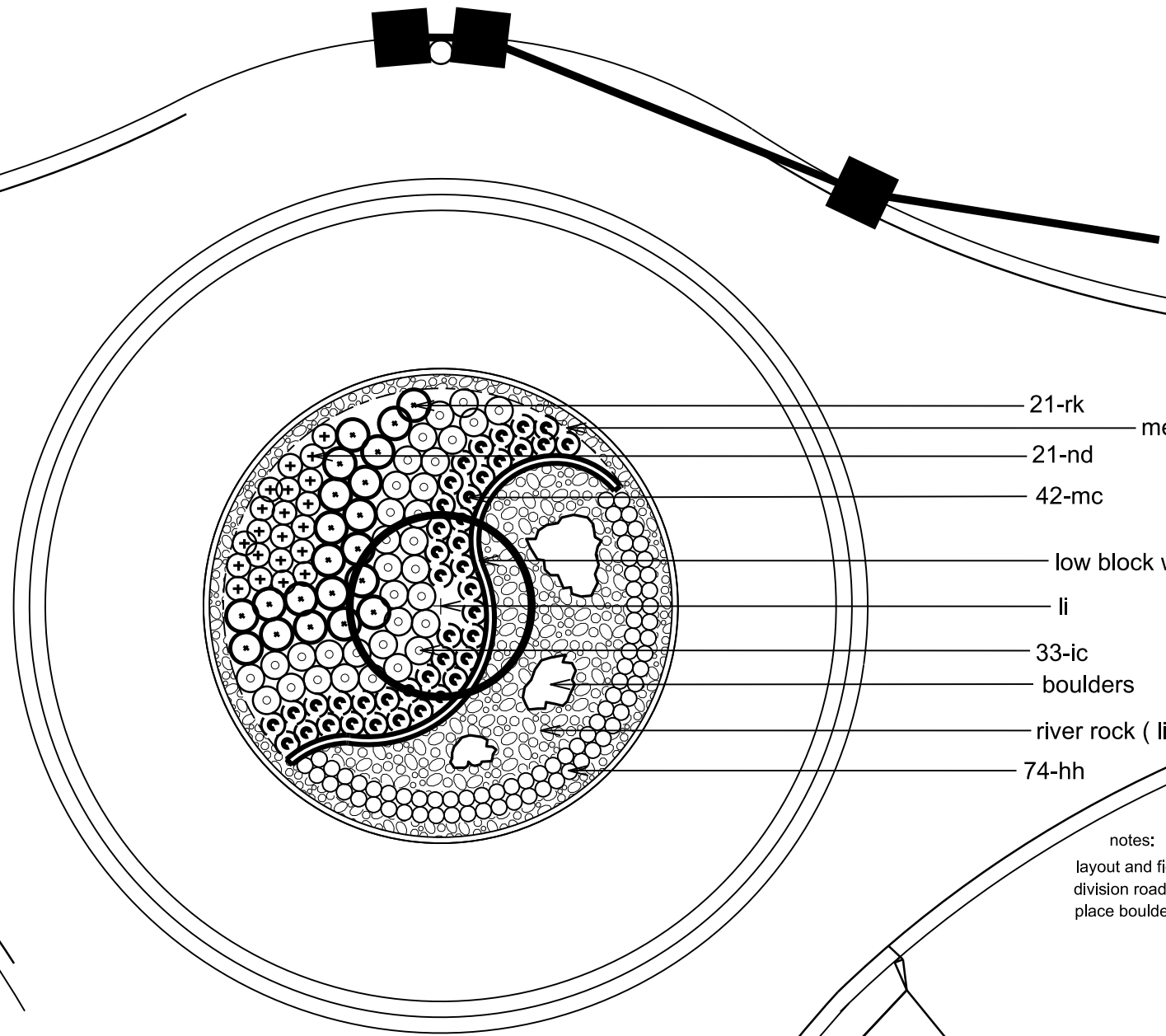


to us 321a main street
mt. herman rd.

to us 321
mt. herman rd.

plant list

QTY	KEY	BOTANICAL NAME	COMMON NAME	REMARKS
74	HH	Hemerocallis 'Happy Returns'	Happy Returns Daylily	As Shown
33	IC	Ilex crenata 'Soft Touch'	Soft Touch Holly	As Shown
1	LI	Lagerstroemia indica 'Natchez'	Natchez Crape Myrtle	Multi-stem
42	MC	Muhlenbergia capillaris	Pink Muhley Grass	As Shown
21	ND	Nandina domestica 'Harbor Dwarf'	Harbor Dwarf Nandina	As Shown
21	RK	Rosa x 'Double Knock Out'	Red Double Knock Out Rose	As Shown



- 21-rk metal edging
- 21-nd
- 42-mc
- low block wall
- li
- 33-ic boulders
- river rock (lined with landscape fabric)
- 74-hh

notes:
layout and field adjustments must be approved by
division roadside engineer.
place boulders as shown according to size on plan (scale)



06-FEB-2014 14:45 R:\L\3711317\mcd\U-3437 Landscape Pln.dgn \$\$\$USERNAME\$\$\$

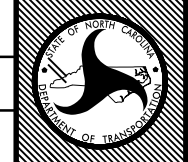


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Mt. Herman Rd RoundAbout
Caldwell County

reu engineer
B. Minter Sr.

sheet description:	pref. design date : jan/2014	enhancement
	checked by & date :	landscape plan sheet
	final design date : jan/2014	



T.I.P. # E-2973K
WBS # 3711.3.17
FED I.D. #
sheet no : L-4
total sheet no : 4