

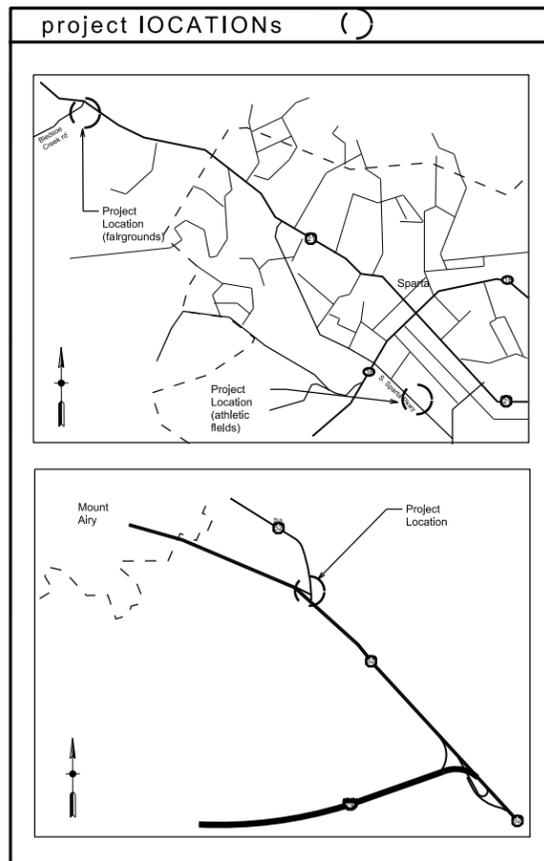


PROPOSED HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
		L1	4
FED. PROJ. #	DESCRIPTION		DIVISION
	landscape		3

Project: Landscape Enhancements in Sparta & Mt. Airy, North Carolina



summary of project quantities

QTY.	UNIT	BOTANICAL NAME	COMMON NAME	FURNISH	REMARKS
Trees					
5	EA	<i>Acer rubrum</i> 'Armstrong'	Armstrong Red Maple	10-12', 2" cal., B&B	AS SHOWN
4	EA	<i>Cercis canadensis</i> 'Forest Pansy'	Forest Pansy Redbud	6-8', 1" cal., #15 Cont.	12' O.C.
1	EA	<i>Lagerstroemia</i> x 'Potomac'	Potomac Crapemyrtle	10-12', 2" cal., B&B	AS SHOWN
9	EA	<i>Picea pungens</i>	Blue Spruce	7-8', B&B	12' O.C.
8	EA	<i>Pinus strobus</i>	White Pine	7-8', B&B	AS SHOWN
35	EA	<i>Thuja</i> 'Green Giant'	Green Giant Arborvitae	7-8', B&B or #25 Cont.	9' O.C.
Shrubs					
20	EA	<i>Berberis thunbergii</i> 'Aurea'	Golden Barberry	#3 Cont, 15-18"	2.5' O.C.
70	EA	<i>Euonymus alata</i> 'Compacta'	Burning Bush	#3 Cont, 15-18"	6' O.C.
6	EA	<i>Hydrangea paniculata</i> 'Phantom'	Phantom Hydrangea	#3 Cont, 24-30"	6' O.C.
49	EA	<i>Juniperus procumbens</i> 'Nana'	Dwarf Japanese Garden Juniper	#1 Cont., 12-15"	4' O.C.
34	EA	<i>Loropetalum chinense</i> var. <i>rubrum</i> 'Blush'	Blush Loropetalum	#3 Cont, 15-18"	5' O.C.
37	EA	<i>Nandina domestica</i> 'Firepower'	Firepower Nandina	#3 Cont, 15-18"	2.5' O.C.
13	EA	<i>Kododendron</i> 'Rosebud'	Rosebud Azalea	#3 Cont, 15-18"	4' O.C.
10	EA	<i>Rosa</i> 'Meigelplo'	Red Drift Rose	#3 Cont, 15-18"	4' O.C.
10	EA	<i>Spiraea x bumalda</i> 'Anthony Waterer'	Anthony Waterer Spiraea	#3 Cont, 15-18"	3' O.C.
11	EA	<i>Welgela florida</i> 'Minor Black'	Minor Black Welgela	#3 Cont, 15-18"	2.5' O.C.
Grasses/ Groundcovers/ Perennials					
50	EA	<i>Echinacea purpurea</i> 'Rubinstern'	Ruby Star Coneflower	#1 Cont.	AS SHOWN
99	EA	<i>Hemerocallis</i> 'Happy Returns'	Happy Returns Daylily	#1 Cont.	2' O.C.
25	EA	<i>Juncus effusus</i>	Soft Rush	#1 Cont.	2' O.C.
76	EA	<i>Hemerocallis</i> 'Orange Vols'	Orange Vols Daylily	#1 Cont.	2' O.C.
315	EA	<i>Liriope muscari</i> 'Big Blue'	Big Blue Liriope	#1 Cont.	1' O.C.
17	EA	<i>Nepeta racemosa</i> 'Walker's Low'	Walker's Low Catmint	#1 Cont.	2' O.C.
23	EA	<i>Panicum virgatum</i> 'Shenandoah'	Shenandoah Switchgrass	#3 Cont	3.5' O.C.
11	EA	<i>Pennisetum alopecuroides</i> 'Little Bunny'	Little Bunny Fountain Grass	#3 Cont	AS SHOWN
33	EA	<i>Rudbeckia fulgida</i> 'Goldsturm'	Goldsturm Black-eyed Susan	#1 Cont.	AS SHOWN
Descriptions					
370	SF	Sloped Stone Wall			
950	LF	Split Rail Fence			
7	EA	Landscape Boulder			
270	LF	Metal Landscape Edge			
1	LS	Drainage Items			
25	TON	Class B Rip Rap			
70	SY	Sod			
200	CY	Topsoil			
35	CY	Sand			
170	CY	Mulch for Planting			
40	MG	Water for Planting			
1,637	SY	Pre emergence Herbicidal Treatment			
1,637	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	-----○-----
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	-----○-----

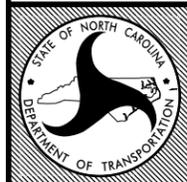
INDEX OF SHEETS:

- L1 TITLE Sheet
- SUMMARY OF QUANTITIES
- L 2 PLANTING DETAILS
- l 3 Fairgrounds -Sparta
- l 4 Athletics Fields -Sparta
- l 5 Bledsoe Creek rd -Sparta
- l 6 US 52 Bus Traffic Island-Mt. Airy

PREPARED BY: BK DATE: AUG/2014

REVISIONS

DATE	DESCRIPTION



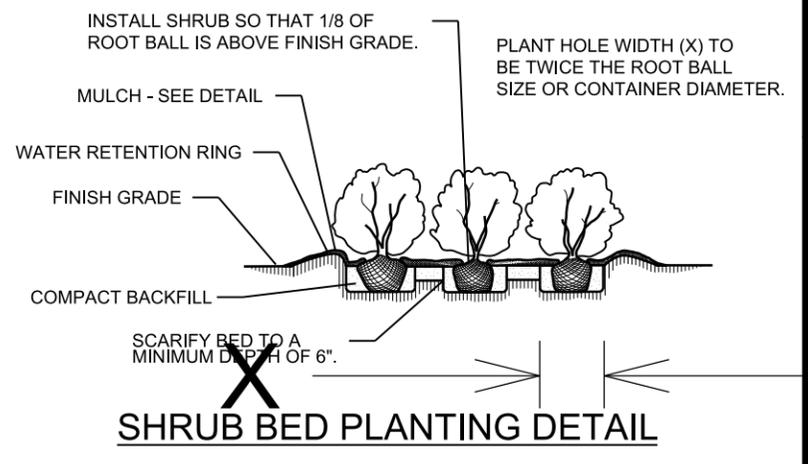
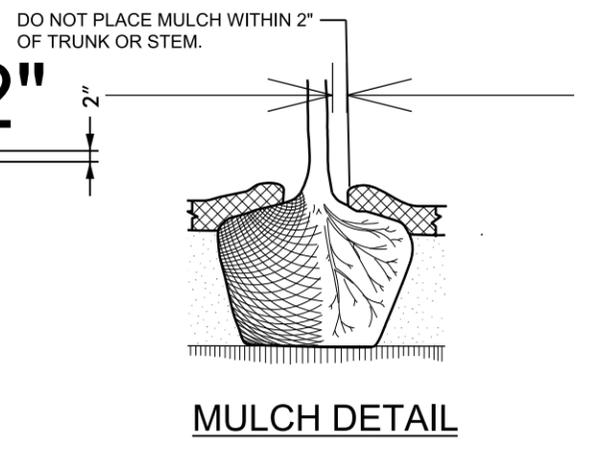
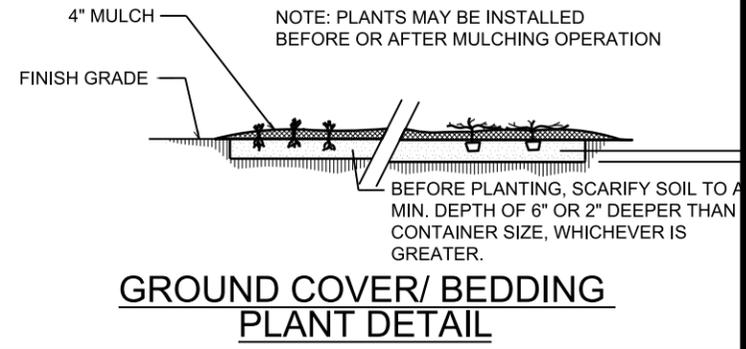
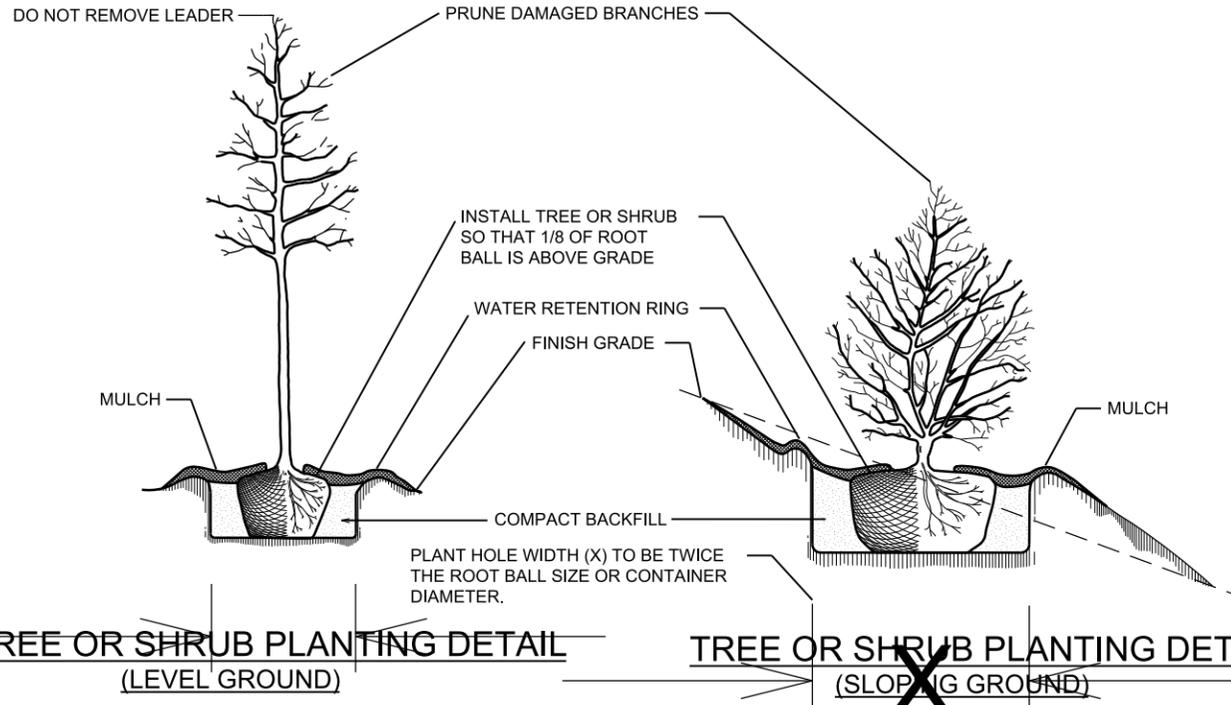
STATE OF
NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

LOCATION: Sparta and Mt. Airy, NC

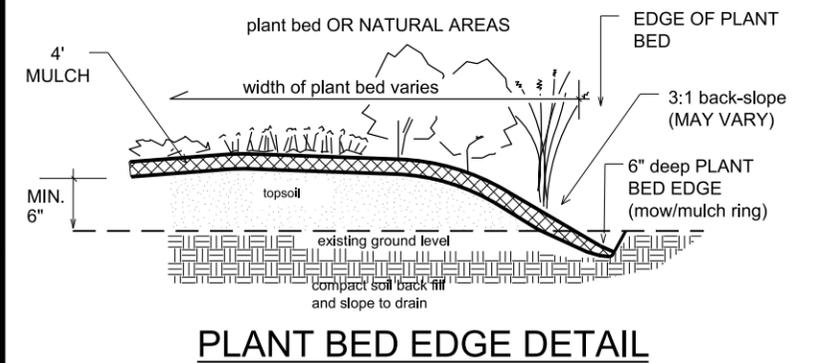
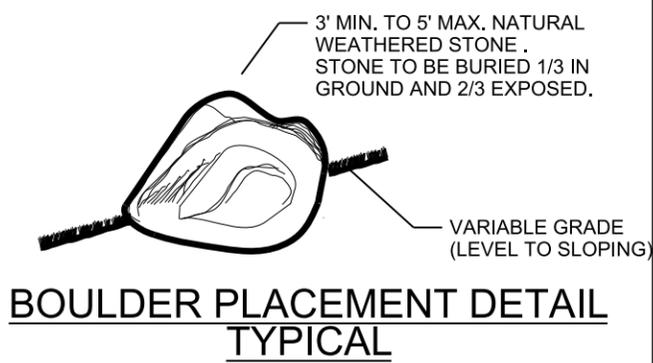
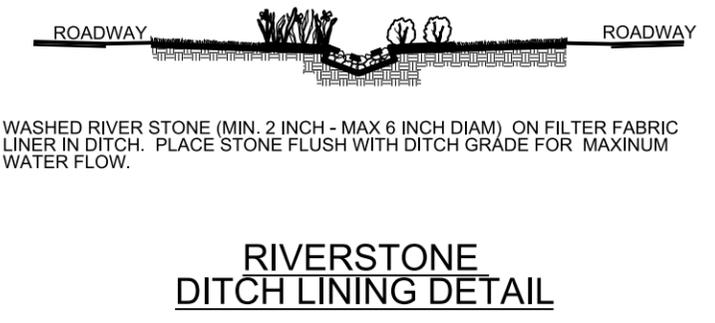
TYPE of WORK: Landscape Development

COUNTY: Alleghany & Surry

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



- 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.



X

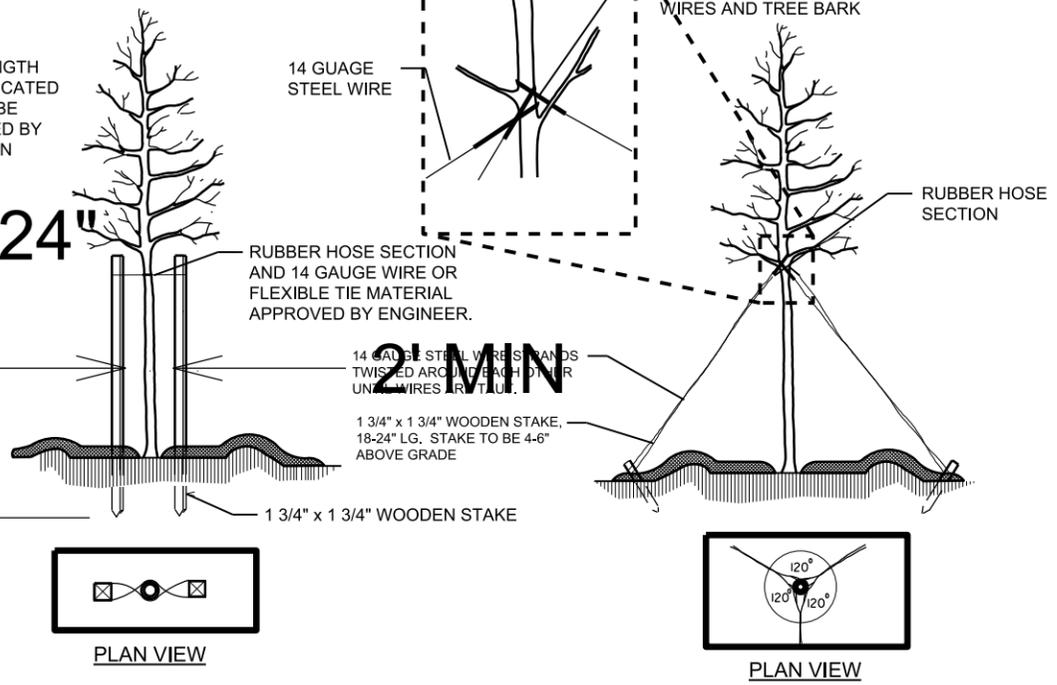
X

X

18" - 24"

4' - 6" +/-

GUY TIE DETAIL



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

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

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Landscape Development Plan
Beulaville, NC

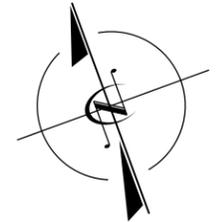
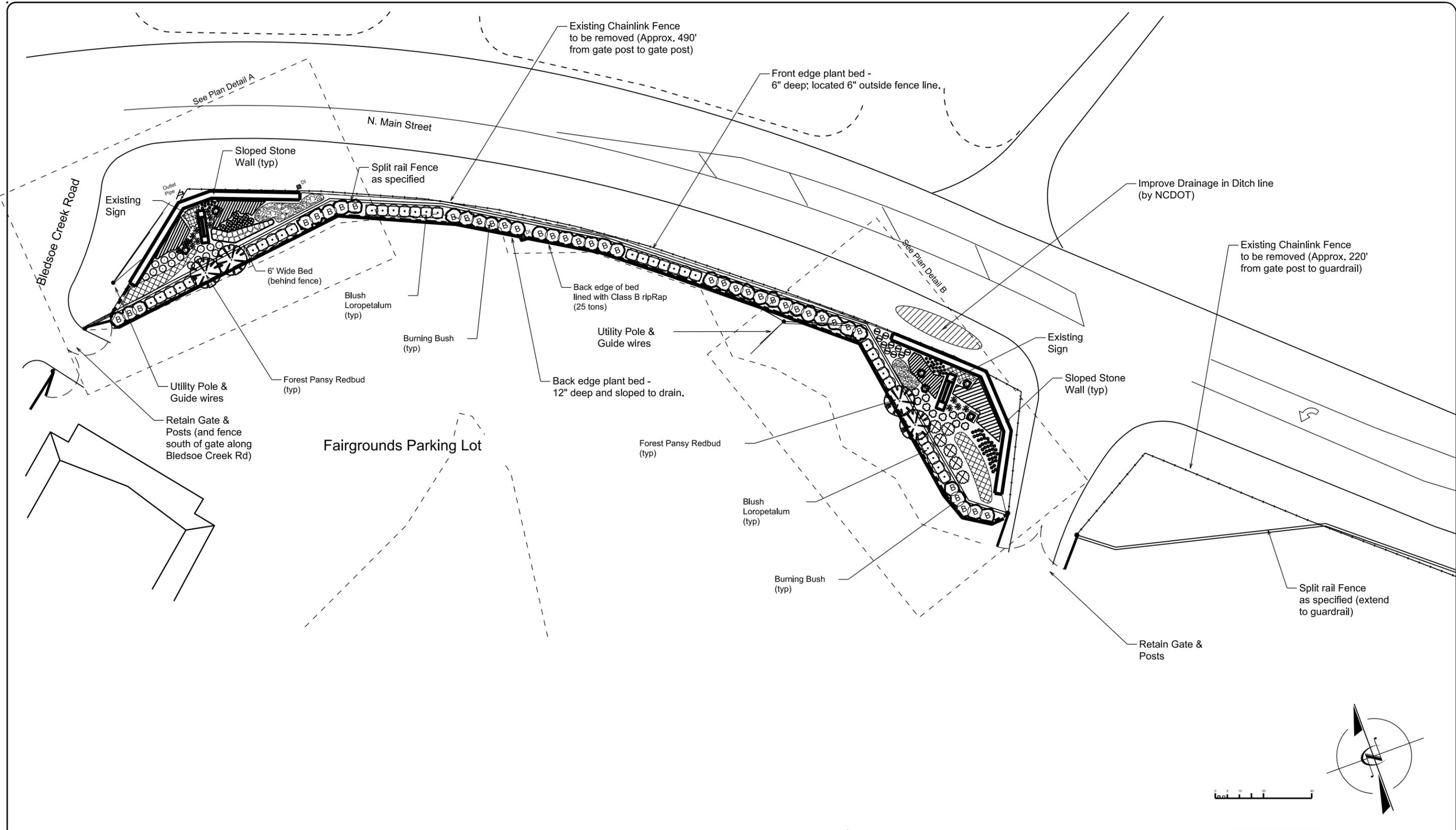
re engineered by
B. Kopetsky

prel. design date : Aug/2014
checked by & date :
final design date :

planting DETAILS



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sheet no : L 2 total sheet no : 4



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Justice Carlisle Higgins
 Fairgrounds & Agricultural Center
 Sparta NC

re: engineer :
B. Kopetsky

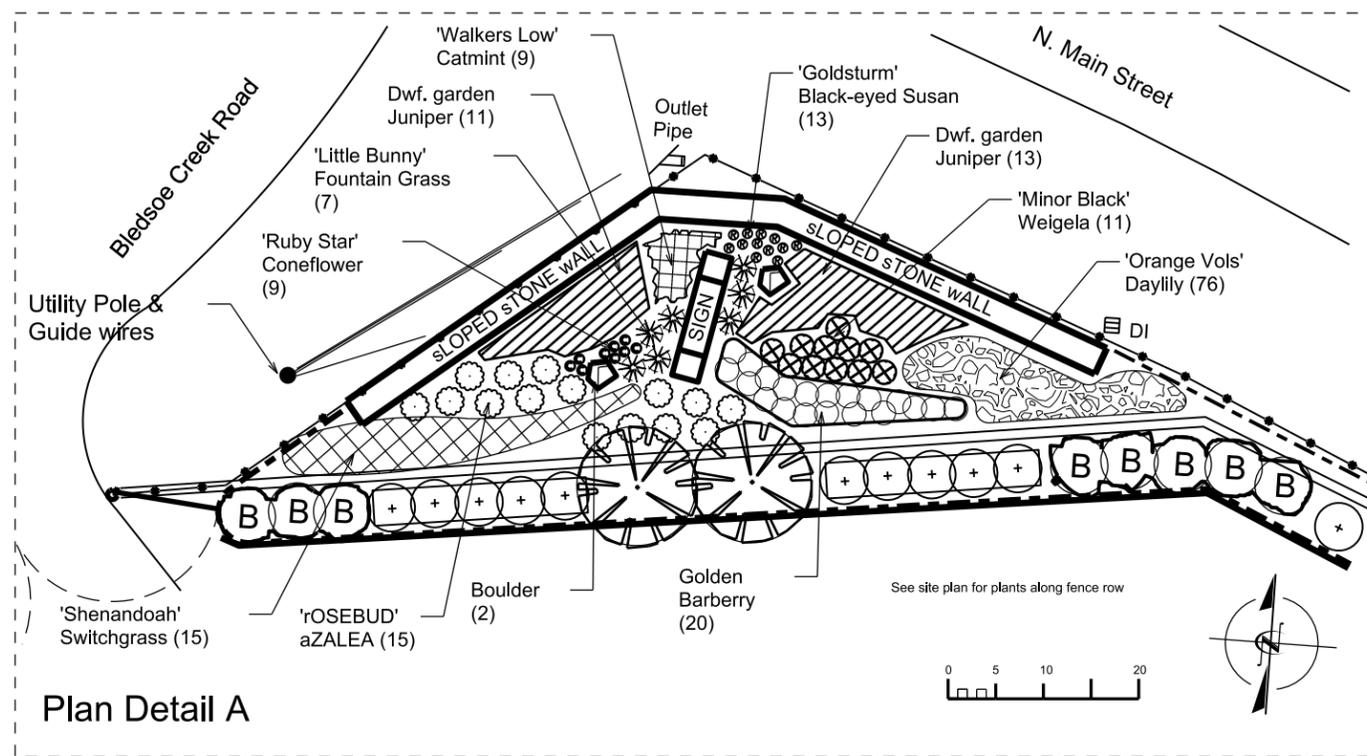
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Alleghany County
 Fairgrounds
 REV 8-11-14

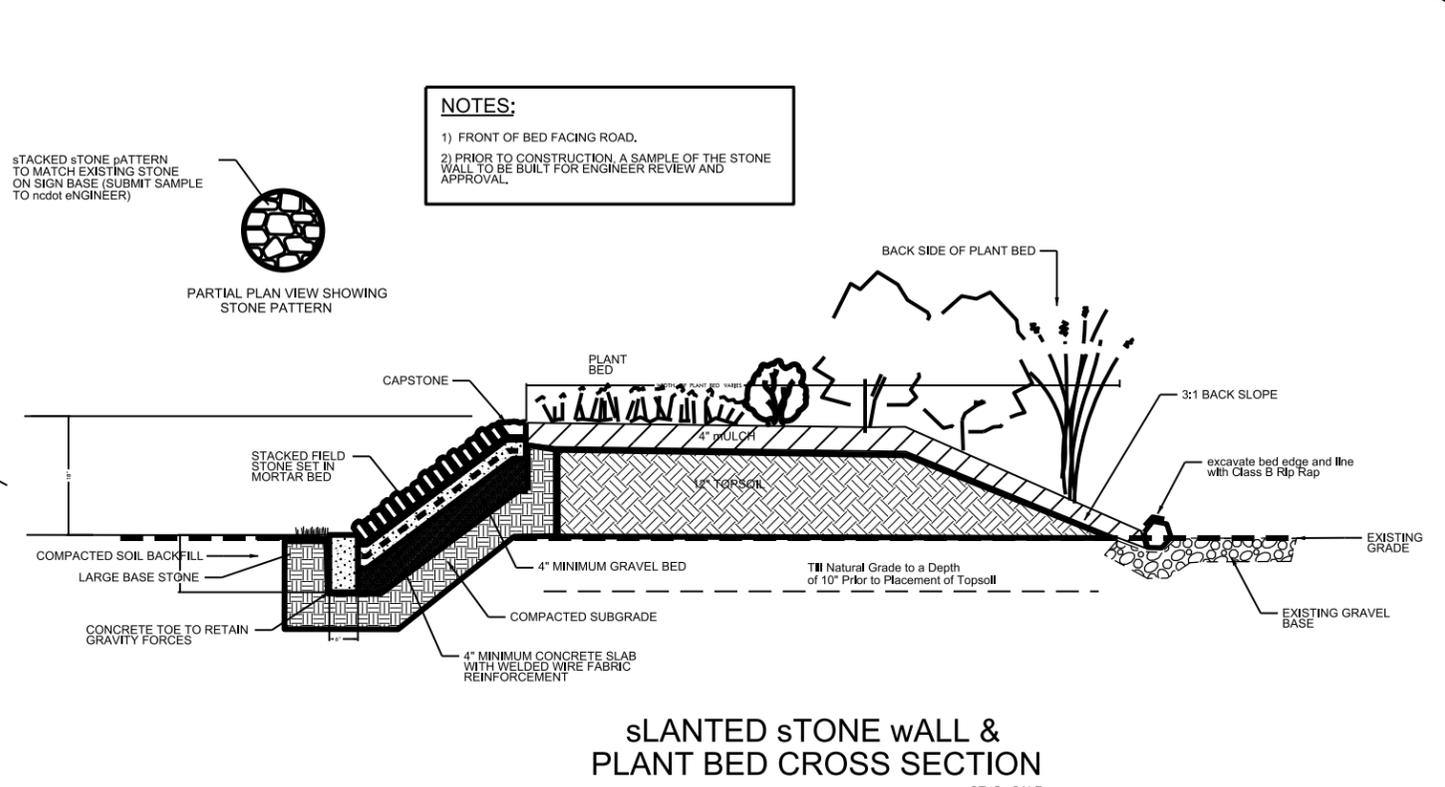


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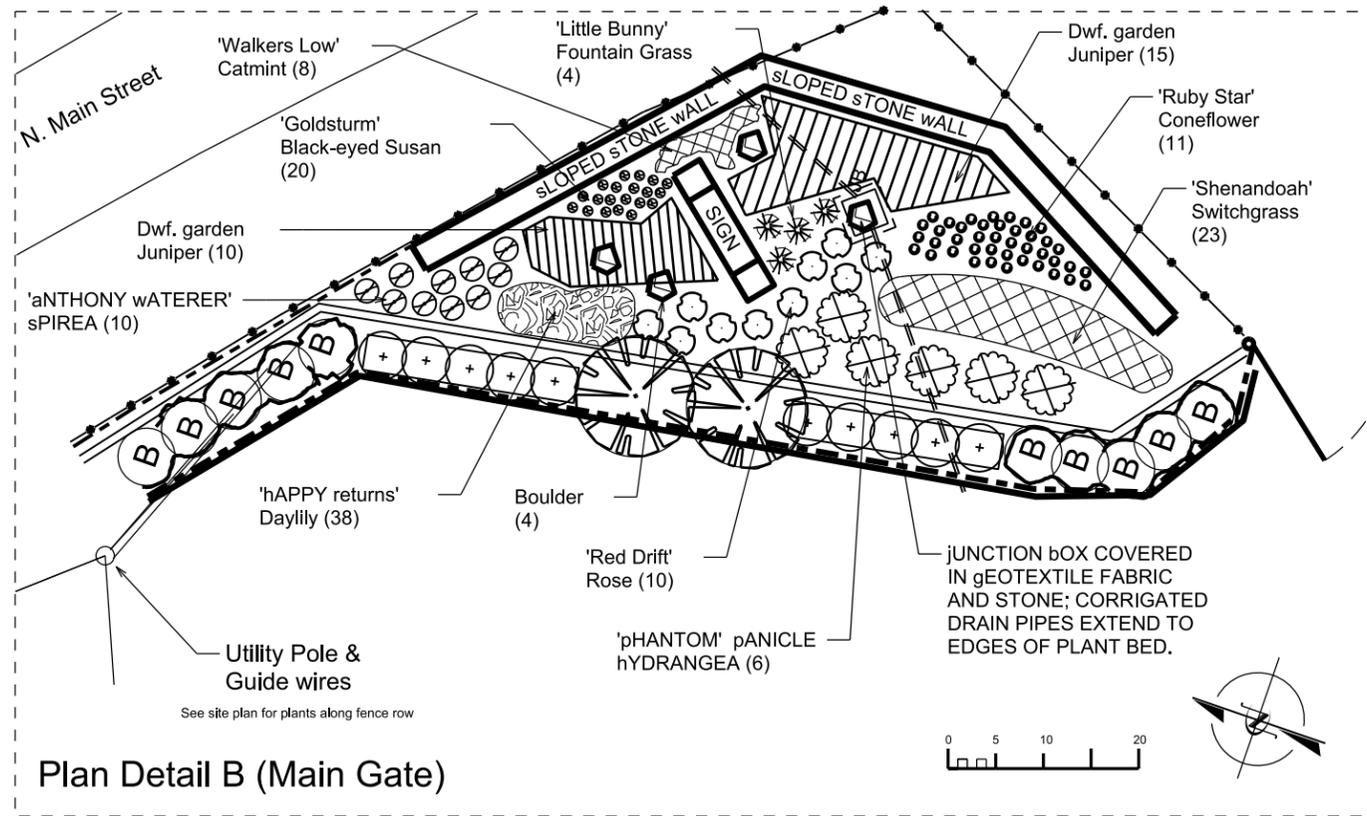
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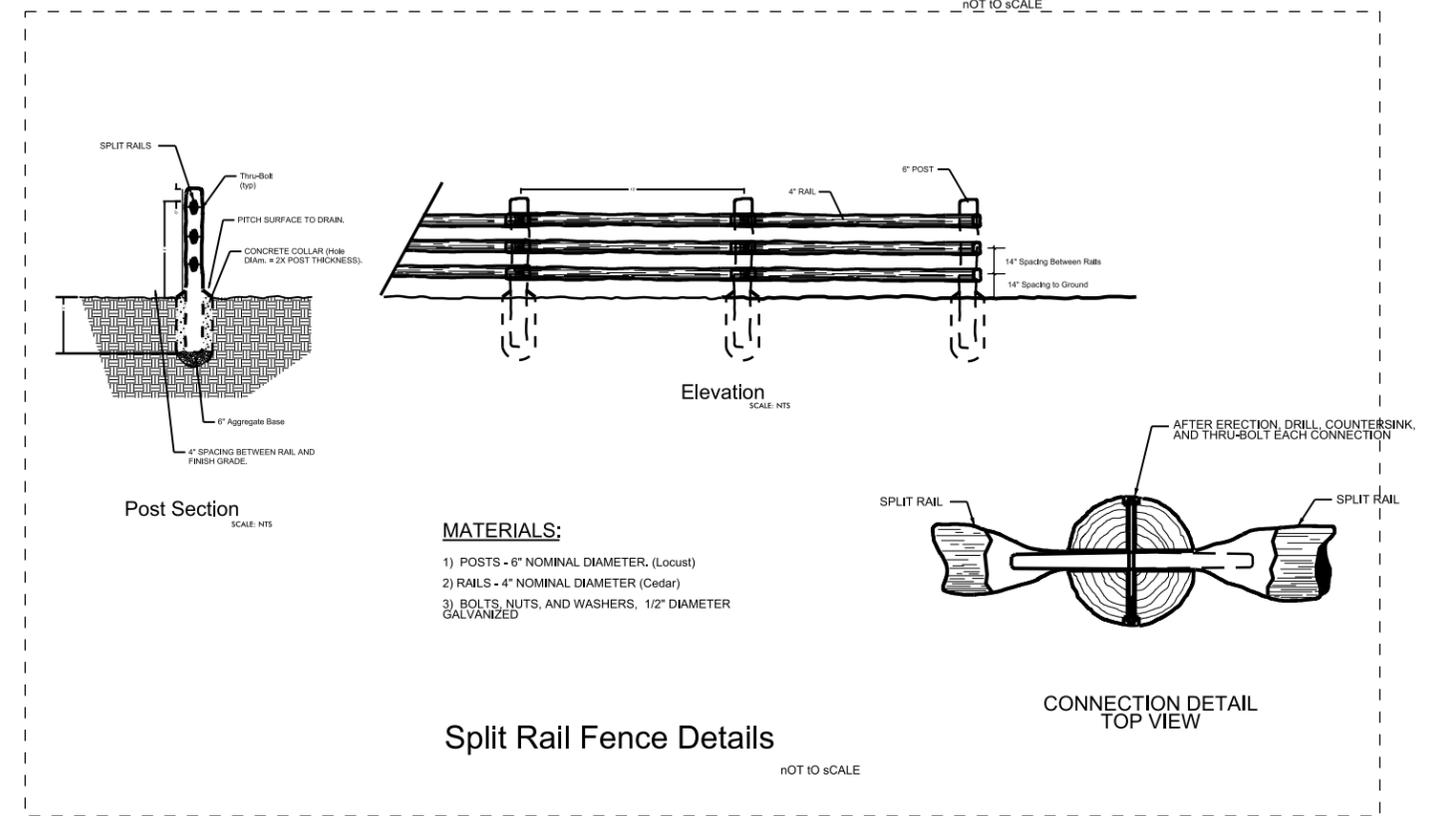
Plan Detail A



sLANTED sTONE wAll & PLANT BED CROSS SECTION



Plan Detail B (Main Gate)



MATERIALS:

- 1) POSTS - 6" NOMINAL DIAMETER. (Locust)
- 2) RAILS - 4" NOMINAL DIAMETER (Cedar)
- 3) BOLTS, NUTS, AND WASHERS, 1/2" DIAMETER GALVANIZED

Split Rail Fence Details

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Alleghany County
 Fairgrounds
 Details REV 8-11-16



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N. Main Street

Spray slope for woody vegetation and mow (by NCDOT)

Overhead Utilities

Burning Bush (typ)

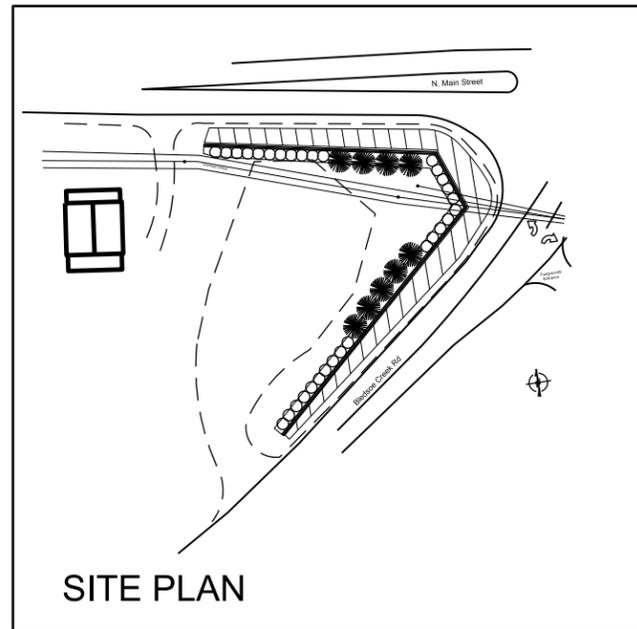
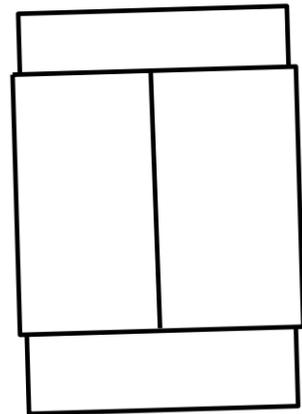
Blue Spruce (typ)

Fairgrounds Parking

Fairgrounds Entrance

Split rail Fence as specified

Bledsoe Creek Rd



SITE PLAN

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Sparta NC

reu engineer

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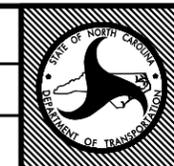
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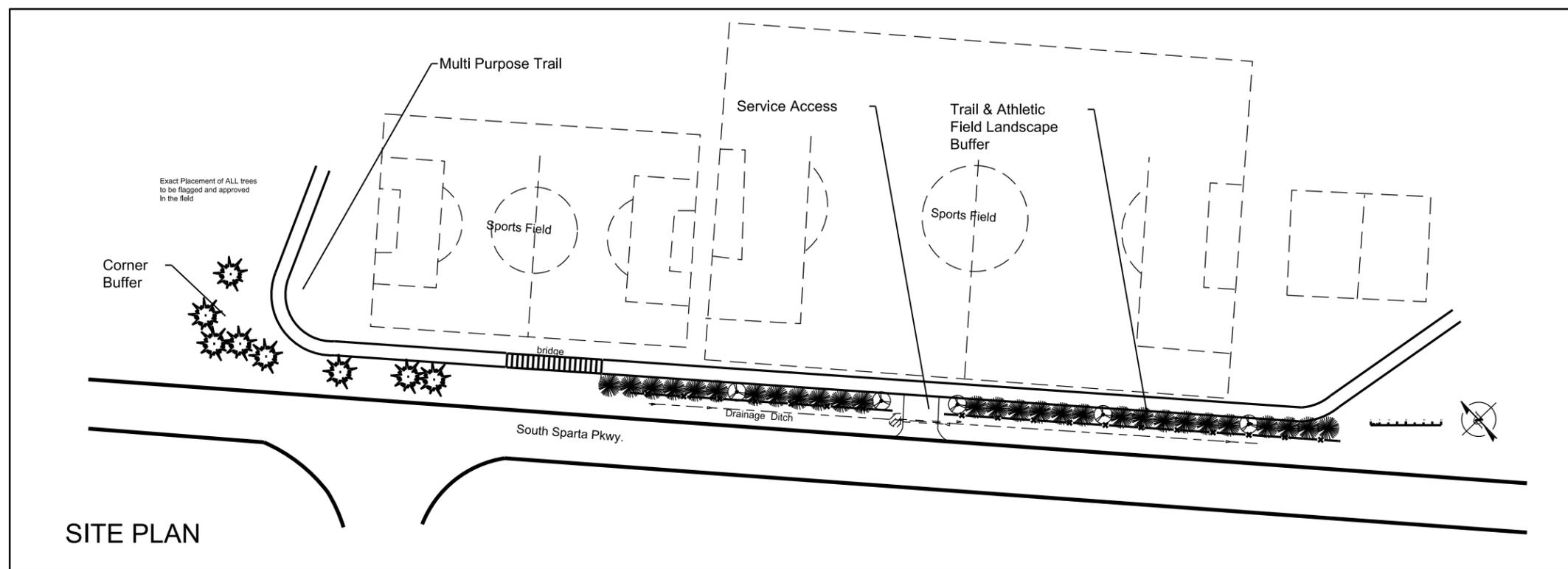
Alleghany County

Fairgrounds

Details REV 8-11-16

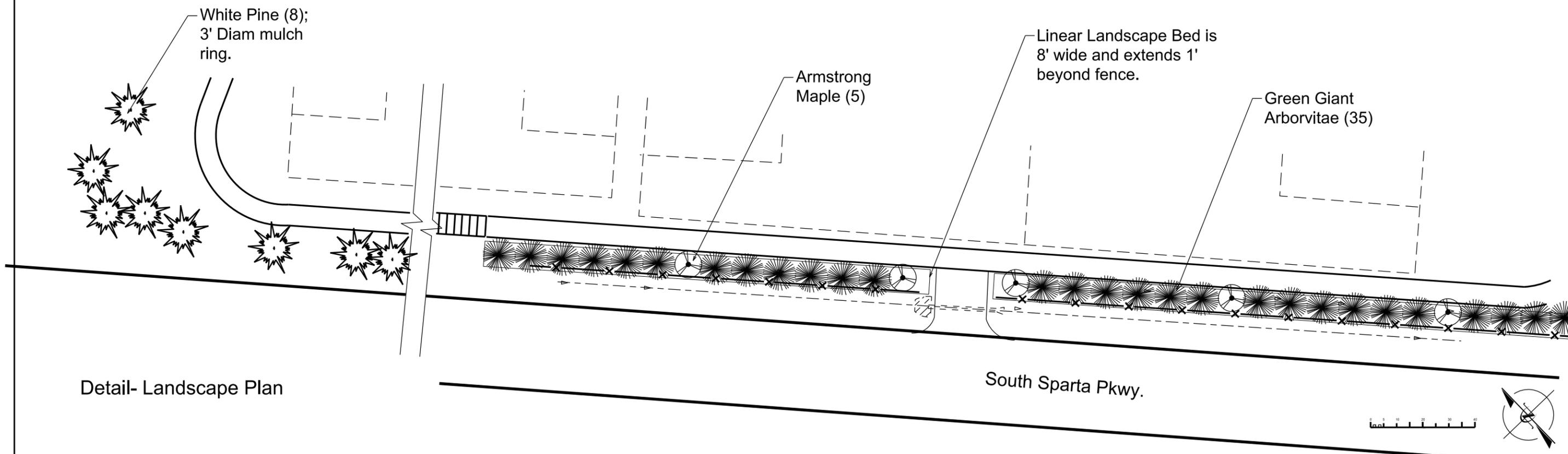


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Exact Placement of ALL trees to be flagged and approved in the field

SITE PLAN



Detail- Landscape Plan

South Sparta Pkwy.



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Athletic Field Development
 South Sparta Parkway
 Sparta NC

re: engineer :
B. Kopetsky

prel. design date : June/ 14

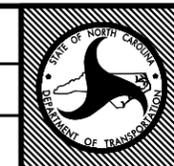
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Alleghany County

Athletic Fields

Vegetative Buffer

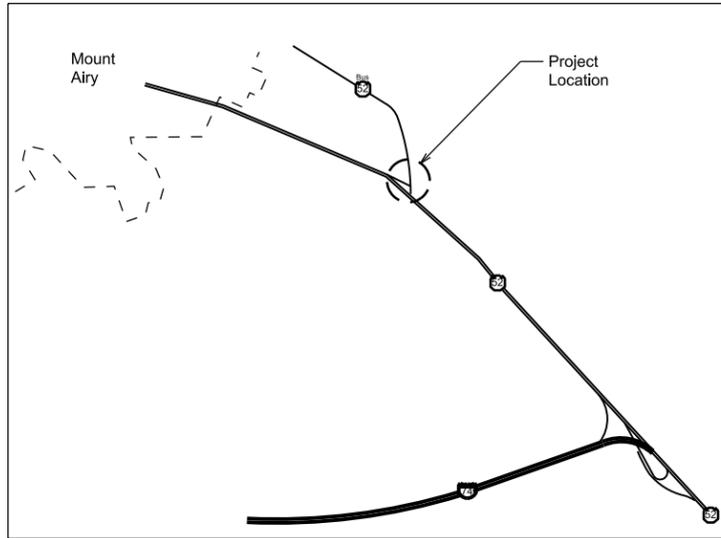


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Vicinity Map

Metal landscape Edging around bed
edging shall be installed per manufacturer instructions and laid in consistent smooth lines.

Main St. US 52 BUS

Firepower Nandina (37)

Big Blue Liriope (315)

Incorporate Sand during bed preparation as described in the Special Provisions (35 cy)

3' Zoysia Sod Border (70 sy)

Happy Returns Daylily (61)

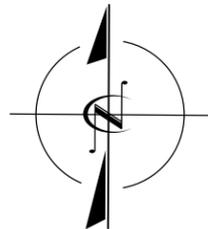
Potomac Crape Myrtle (single stem; limbed up)

reform curb (shown with Dbl. Line; work completed by NCDOT)

Soft Rush (25)

Landscape Boulder

Remove Existing curb, Pave, and relocate curb (by NCDOT)



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Mount Airy Traffic Island
Main St. & US 52 Bus/Byp
Mount Airy NC

re u engineer :

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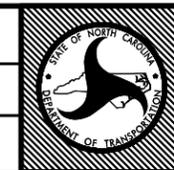
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Surry County

Mount Airy



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