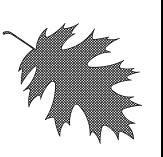


HIGHWAY LANDSCAPE DEVELOPMENT PROJECT

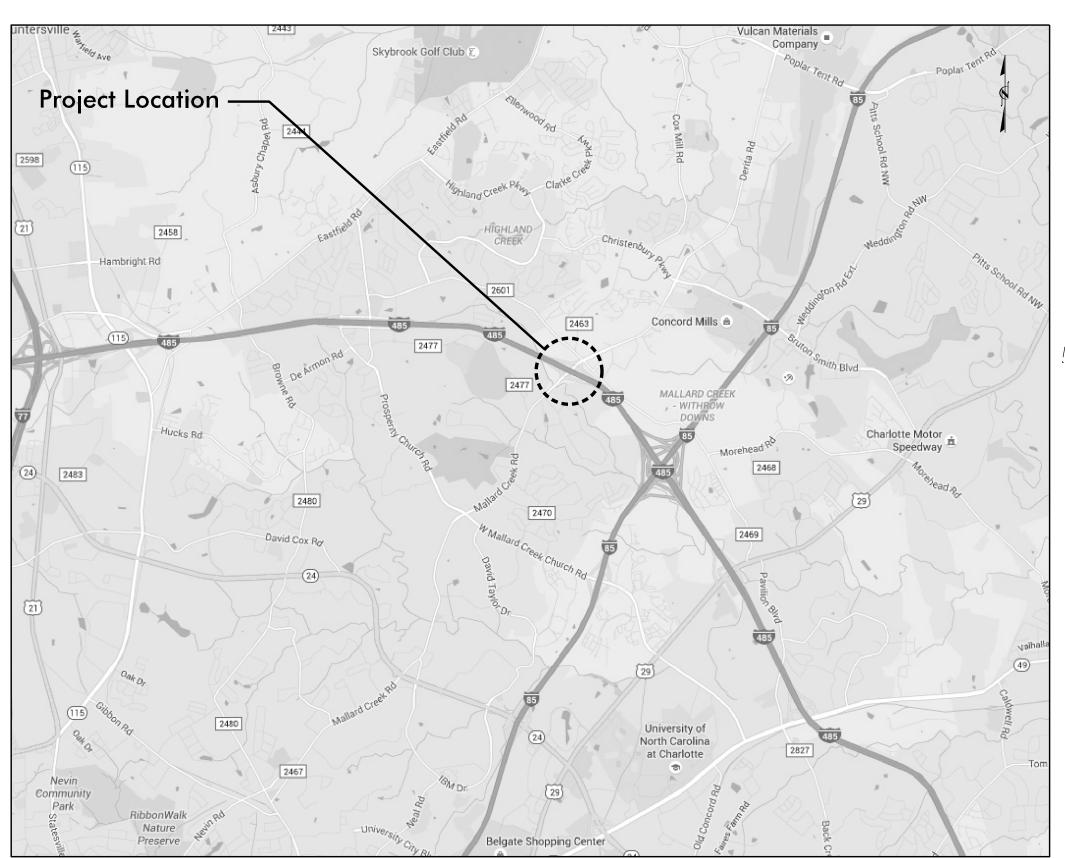


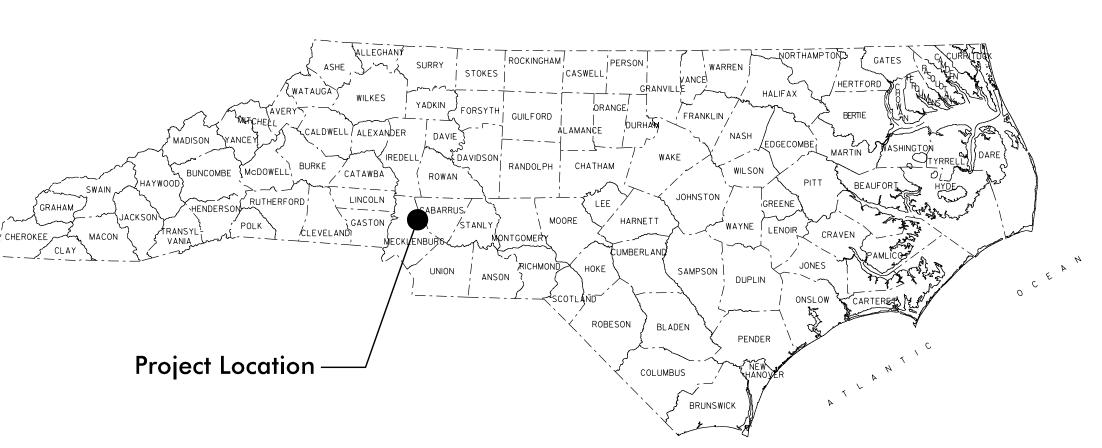
County Line..

City or Town Line

T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
R-2248E		L1	5
FED. PROJ. #	DESCRIPTION	DIVISION	
_	TIP		10

CONVENTIONAL SYMBOLS





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 <u> </u>
Survey Line
Denotes Line Equality
Bridge.
Culvert ===
Railroad
Woods or
Exist. Telephone Pole
Prop. Telephone Pole
Tower Pole and Line
Exist. Power Pole
Prop. Power Pole
Sanitary Sewer Line
Water Line
Gas Line GAS O
Picnic Shelter
Regeneration
Reforestation XXXX
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
INDEX OF L SHEETS:
L 1.0 - Title Sheet

# Summary of Quantities 1 year establishment

DES	SEC	QTY	UNIT	KEY	BOTANICAL NAME	COMMON NAME	SIZE	CALIPER	FURNISH	A.S.N.S.	REMARKS
				Trees							
L	1670	16	ea	CH	Cercis canadensis 'Ace of Hearts'	Ace of Hearts Redbud	6-7'		#25	2.3	12' O.C.
L	1670	6	еа	CA	Cercis canadensis 'Appalachian Red'	Appalachian Red Redbud	8-9'		#25	2.3	As Shown
L	1670	8	еа	CC	Cornus florida 'Cherokee Princess'	Cherokee Princess Flowering Dogwood	7-8'		#25	2.4	As Shown
L	1670	27	ea	KP	Koelreuteria paniculata	Golden Rain Tree		1 3/4"	#25	2.2	50' O.C.
L	1670	30	ea	LM	Lagerstroemia indica x fauriei 'Muskogee'	Muskogee Crape Myrtle	8-9'		#25	2.5	13' O.C.
L	1670	33	ea	MS	Magnolia soulangeana 'Alexandrina'	Alexander Saucer Magnolia	7-8'		#25	2.4	25' O.C.
L	1670	4	ea	MP	Malus 'Prairifire'	Prairie Fire Crabapple		1 1/2"	B&B	2.4	As Shown
L	1670	27	ea	РО	Prunus x 'Okame'	Okame Cherry		1 3/4"	B&B	2.3	25' O.C.
L	1670	38	еа	PY	Prunus x yedoensis 'Akebono'	Akebono Yoshino Cherry		1 3/4"	B&B	2.3	25' O.C.
					Other						
L	1670	377	cuyd		Mulch						Depth of 4"
L	1670	14	m/g		Water for Planting						
L	1670	3266	sqyd		Pre emergence Herbicidal Treatment						
L	1670	3266	sqyd		Post emergence Herbicidal Treatment						

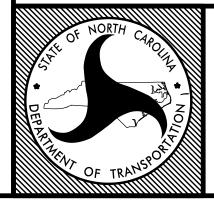
PREPARED	BY: KC	DATE: 06/2016
	120	

L 2.0 - Planting Details

L 4.0 - Planting Plan L 5.0 - Planting Plan

DATE	DESCRIPTION

REVISIONS



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION | COUNTY: Mecklenburg County

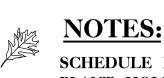
LOCATION: I-485 & Mallard Creek Rd

TYPE of WORK: T.I.P.

2014 American Standard for Nursery Stock

2012 NCDOT STANDARD SPECIFICATIONS PREPARED IN THE OFFICE OF:

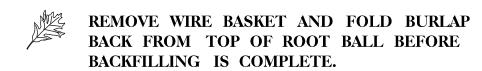
NCDOT- ROADSIDE ENVIRONMENTAL UNIT LANDSCAPE DESIGN & DEVELOPMENT SECTION 1557 MAIL SERVICE CENTER RALEIGH NC 27699 919-707-2920

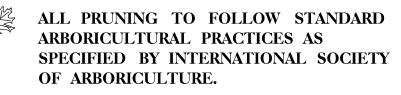


SCHEDULE FOR PLANT HOLE SIZE: PLANT HOLE WIDTH (X) TO BE TWICE THE ROOT BALL SIZE OR CONTAINER DIAMETER.

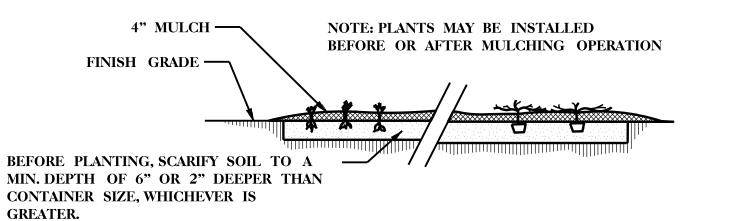


APPLY FERTILIZER AT PLANTING TIME IN THE FORM OF A SLOW RELEASE PELLET OR TABLET. APPLY AT RATE RECOMMENDED BY MANUFACTURER. BOTH RATE AND FORMULATION MUST BE APPROVED BY FIELD ENGINEER PRIOR TO APPLICATION.

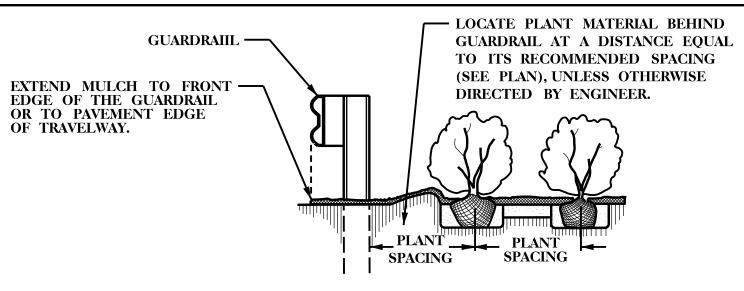




DO NOT ATTEMPT TO STRAIGHTEN A TREE THAT HAS BEEN PLANTED AT AN ANGLE WITH THE USE OF STAKING OR GUYING. DIG TREE AND REPLANT TO UPRIGHT POSITION.



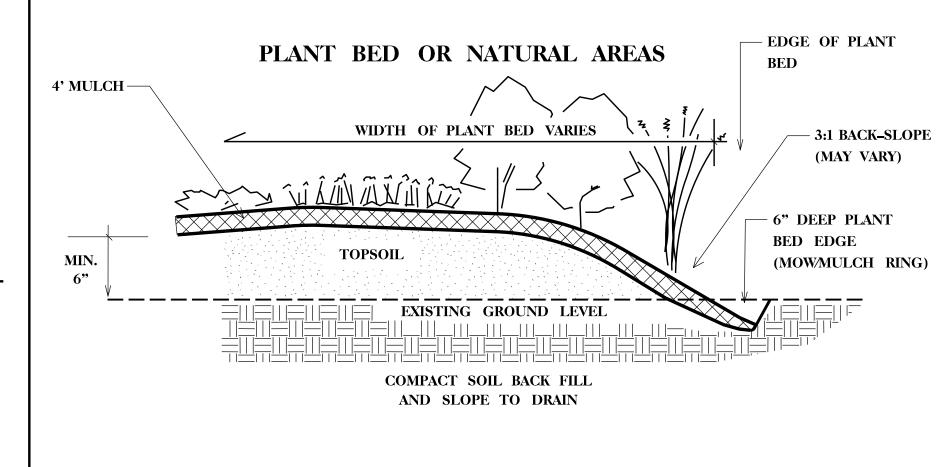
#### GROUND COVER/BEDDING PLANT DETAIL



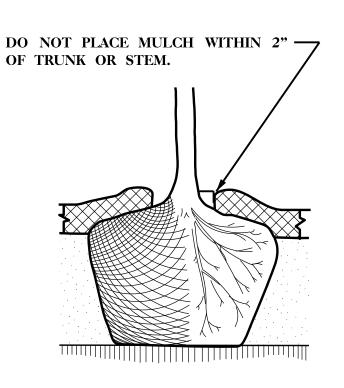
#### GUARDRAIL MULCHING DETAIL USE AS DIRECTED BY FIELD ENGINEER

INSTALL SHRUB SO THAT 1/8 OF ROOT BALL IS ABOVE FINISH GRADE. MULCH - SEE DETAIL -WATER RETENTION RING FINISH GRADE -COMPACT BACKFILL PLANT HOLE WIDTH (X) TO SCARIFY BED TO A MINIMUM DEPTH OF 6". BE TWICE THE ROOT BALL SIZE OR CONTAINER DIAMETER.

### SHRUB BED PLANTING DETAIL



#### PLANT BED EDGE DETAIL



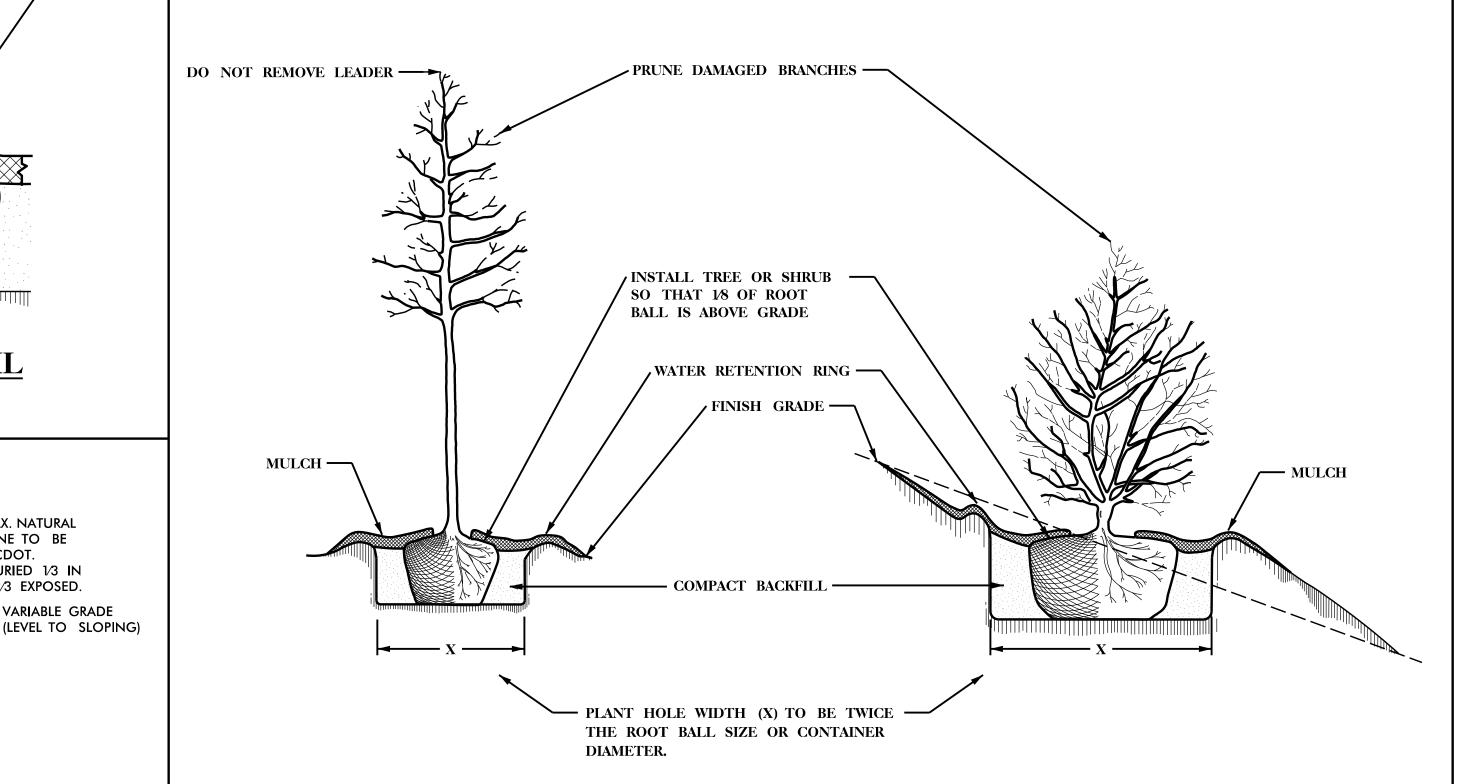
#### **MULCH DETAIL**

' MIN. TO 8' MAX. NATURAL WEATHERED STONE TO BE

STONE TO BE BURIED 1/3 IN

GROUND AND 2/3 EXPOSED.

- VARIABLE GRADE



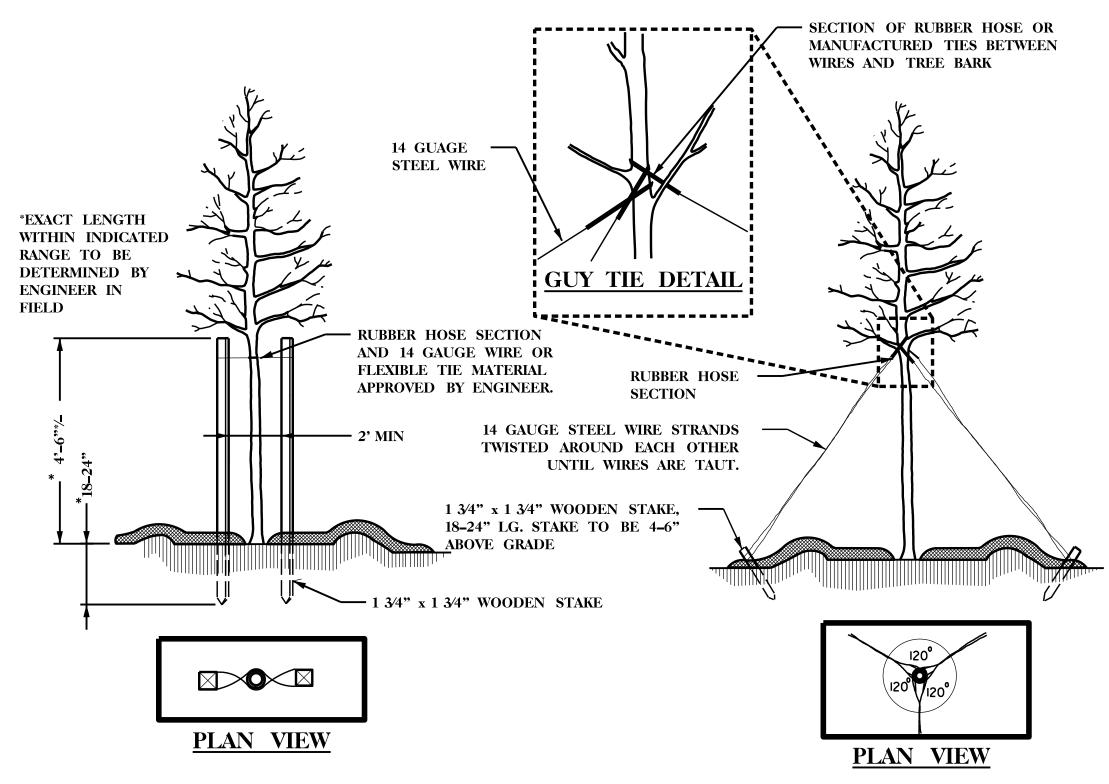
#### BOULDER PLACEMENT DETAIL **TYPICAL**

SCALE: NTS

TREE OR SHRUB PLANTING DETAIL (LEVEL GROUND)

TREE OR SHRUB PLANTING DETAIL

(SLOPING GROUND)



## **STAKING DETAIL**

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

**GUYING DETAIL** (TREES 10' OR LARGER)

USE AS DIRECTED BY FIELD ENGINEER



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/

I-85 & MALLARD CREEK RD MECKLENBURG COUNTY TIP #: R-2248E



PREL. DESIGN DATE: MARCH 2016 PLANTING DETAILS  CHECKED BY & DATE:					
CHECKED BY & DATE :	TION	NOIT	Z PREL. DESIGN DATE :	March 2016	Planting Details
	ESCRI	DESCRI	CHECKED BY & DATE:		
FINAL DESIGN DATE:  JUNE 13, 2016	HEET	HEET	FINAL DESIGN DATE:	June 13, 2016	

