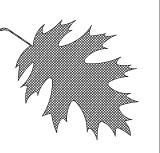


# HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



County Line..

(By Others)

(By Contract)

Property Line Easement Line. Slope Stake Line

Exist. Fence.

Exist. Road Prop. Road Guardrail\_ Survey Line

Culvert

Woods

Gas Line

Picnic Shelter Regeneration

City or Town Line.

Exist. Right of Way Line Marker... \_\_\_

Prop. Right of Way Line Marker

Prop Right of Way Line Marker

Exist. Control of Access Line Prop. Control of Access Line

Prop. Woven Wire Fence Prop. Chain Link Fence

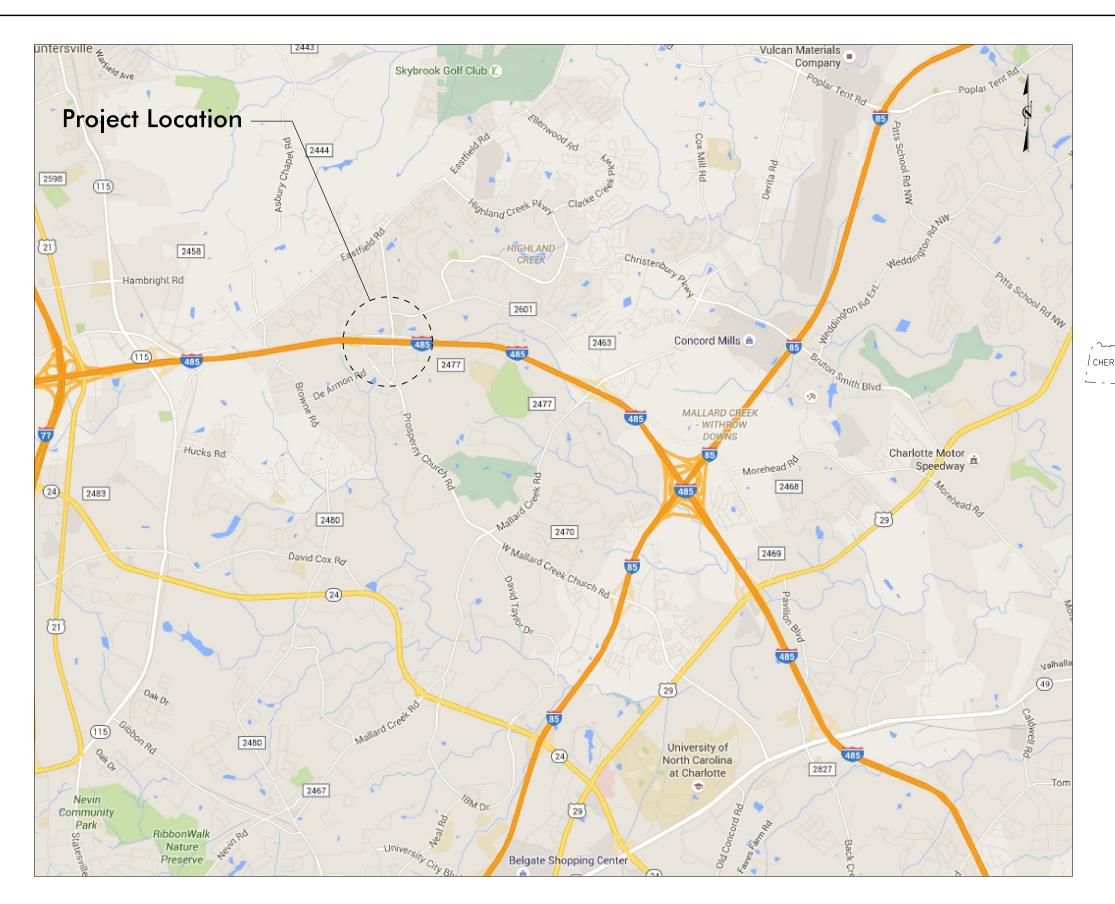
Denotes Line Equality

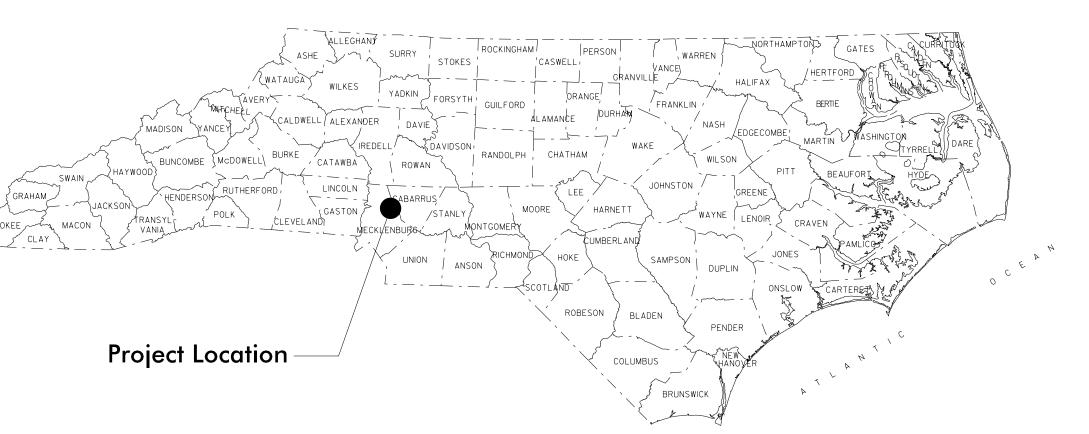
Exist. Telephone Pole Prop. Telephone Pole

Tower Pole and Line

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

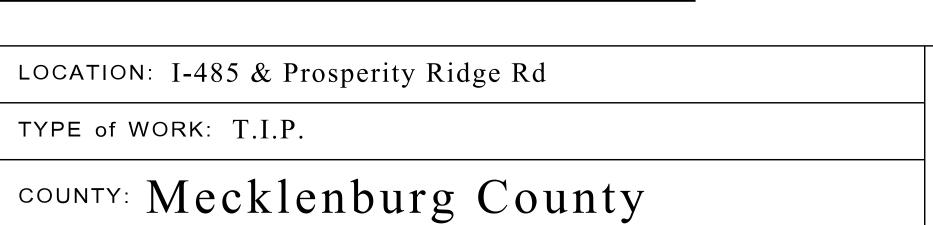
CONVENTIONAL SYMBOLS





# Summary of Quantities 1 year establishment

			UNIT	KEY	BOTANICAL NAME	COMMON NAME	SIZE	CALIPER	FURNISH	A.S.N.S.	REMARKS
					Trees						
L 1	1670	39	еа	AB	Acer buergeranum	Trident Maple		1.5-2""	B&B	2.1	40' O.C.
L 1	1670	46	еа	CV	Chionanthus virginicus	American Fringe Tree	5-6'		#15	2.3	As shown
L 1	1670	34	еа	KP	Koelreuteria paniculata	Golden Rain Tree		1-1.5"	#25	2.2	40' O.C.
L 1	1670	52	еа	MG	Magnolia grandiflora 'Claudia Wannamaker'	Claudia Wannamaker Southern Magnolia	7-8'		B&B	2.2	60' O.C.
L 1	1670	40	еа	ML	Magnolia grandiflora 'Little Gem'	Little Gem Magnolia	6-7'		B&B	2.2	As shown
L 1	1670	36	еа	MP	Malus 'Prairifire'	Prairiefire Crabapple		1-1.25"	#25	2.4	As shown
L 1	1670	71	еа	PK	Prunus cerasifera 'Krauter Vesuvius'	Krauter Vesuvius Purple Leaf Plum		1-1.25"	#25	2.3	As shown
L 1	1670	23	еа	PO	Prunus x 'Okame'	Okame Cherry		1-1.25"	B&B	2.3	30' O.C.
L 1	1670	12	еа	PY	Prunus x yedoensis 'Akebono'	Akebono Yoshino Cherry		1-1.25"	B&B	2.3	30' O.C.
					Other						
L 1	1670	453	cuyd		Mulch						Depth of 4"
L 1	1670	25	m/g		Water for Planting						
L 1	1670	3446	sqyd		Pre emergence Herbicidal Treatment						
L 1	1670	3446	sqyd		Post emergence Herbicidal Treatment						
									-		





Reforestation.

INDEX OF L SHEETS: L 1.0 - Title Sheet

L 2.0 - Planting Details

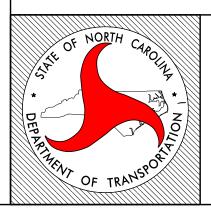
L 3.0 - Planting Plan

L 4.0 - Planting Plan

L 5.0 - Planting Plan

PREPARED BY: KC DATE: 06/2016REVISIONS

DESCRIPTION



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

2014 American Standard for Nursery Stock 2012 NCDOT STANDARD SPECIFICATIONS

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



#### **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

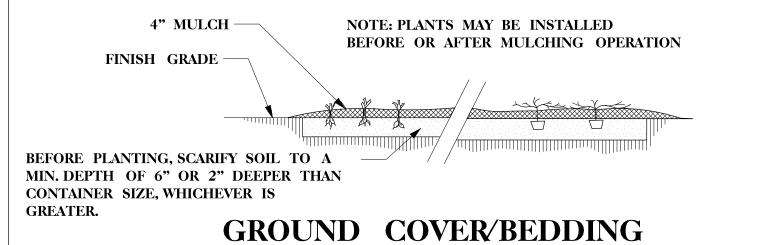
SPECIFIED BY INTERNATIONAL SOCIETY

ARBORICULTURAL PRACTICES AS

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.



LOCATE PLANT MATERIAL BEHIND **GUARDRAIIL** GUARDRAIL AT A DISTANCE EQUAL TO ITS RECOMMENDED SPACING (SEE PLAN), UNLESS OTHERWISE EXTEND MULCH TO FRONT -DIRECTED BY ENGINEER. EDGE OF THE GUARDRAIL OR TO PAVEMENT EDGE OF TRAVELWAY.

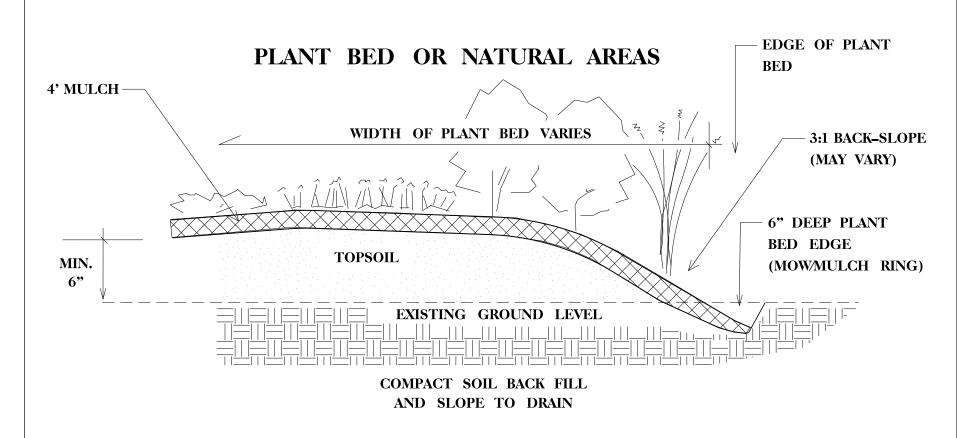
PLANT DETAIL

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

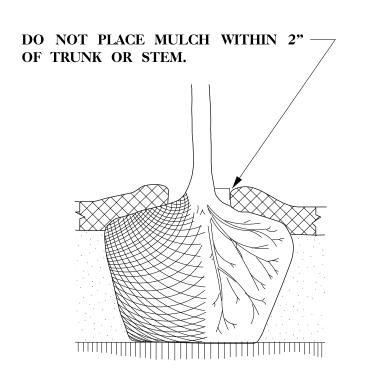
PLANT . SPACING

INSTALL SHRUB SO THAT 1/8 OF ROOT BALL IS ABOVE FINISH GRADE. MULCH - SEE DETAIL -WATER RETENTION RING FINISH GRADE COMPACT BACKFILI 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



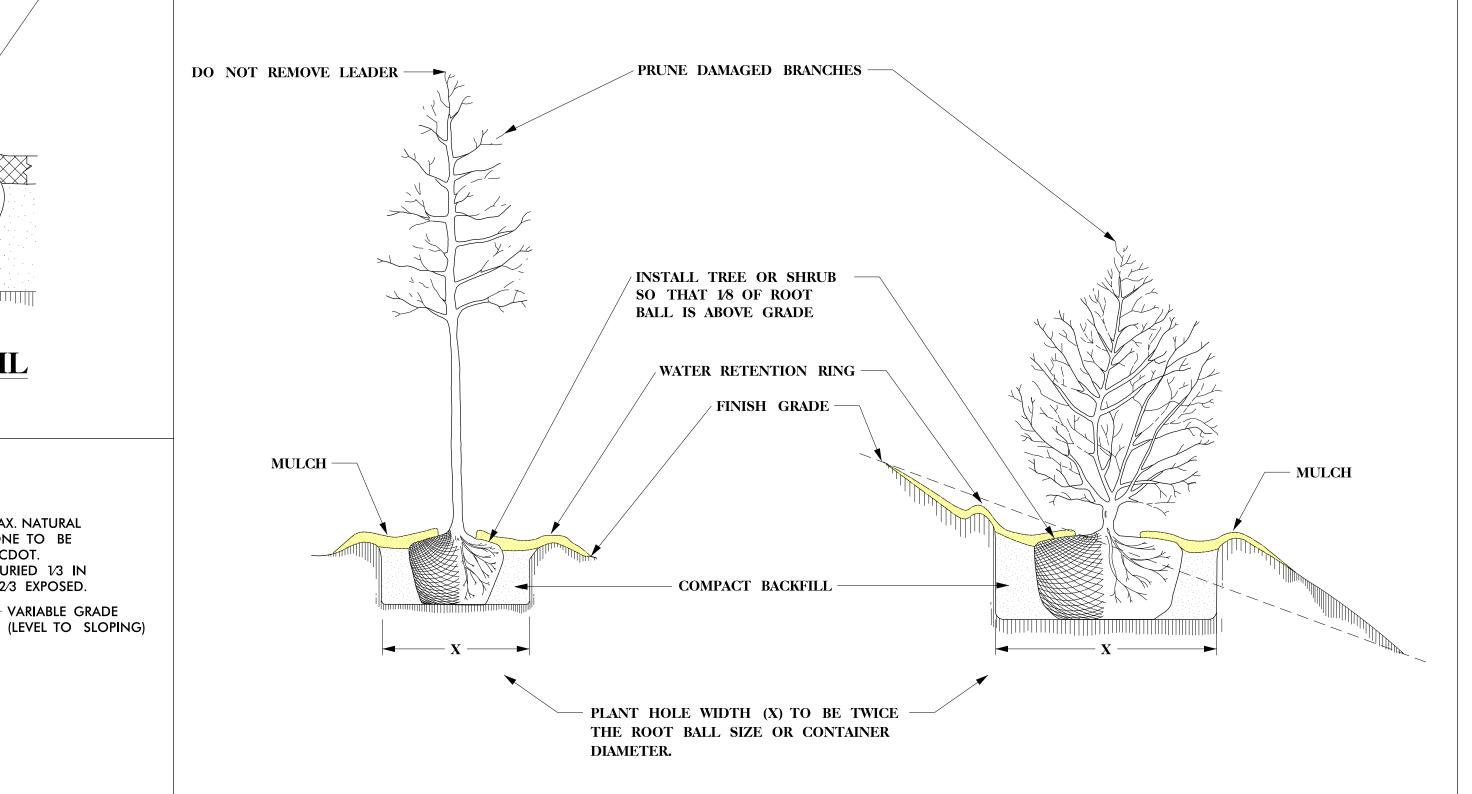
## **MULCH DETAIL**

WEATHERED STONE TO BE

STONE TO BE BURIED 1/3 IN

GROUND AND 2/3 EXPOSED.

VARIABLE GRADE

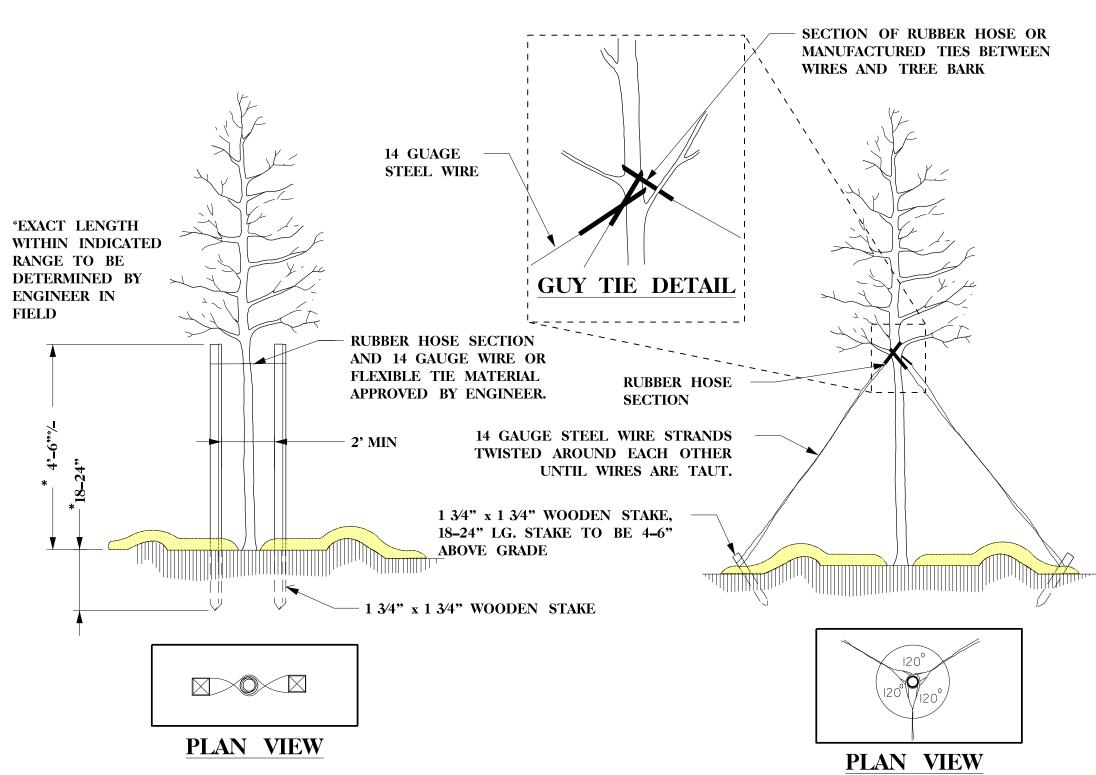


#### BOULDER PLACEMENT DETAIL **TYPICAL**

SCALE: NTS

TREE OR SHRUB PLANTING DETAIL (LEVEL GROUND)

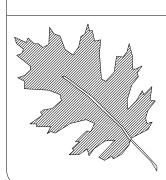
TREE OR SHRUB PLANTING DETAIL (SLOPING GROUND)



### 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-485 & Prosperity Ridge Rd MECKLENBURG COUNTY TIP #: R-2248E



TION:	PREL. DESIGN DATE :	March 2016	Planting Details	
DESCRIP	CHECKED BY & DATE :			, DEAD
SHEET	FINAL DESIGN DATE :	June 13, 2016		

