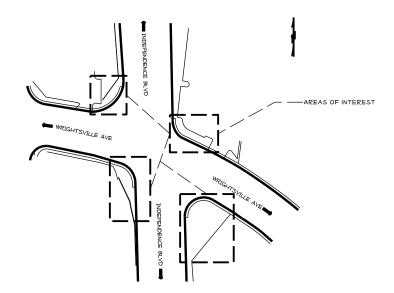
## HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



T.I.P. #	STATE PROJECT W.B.S. # SHEET		SHEET # TOTAL
-	3703.3.41	L1	5
FED. PROJ. #	DESCRIPTION DIV		DIVISION
_	Enhancement 3		3

CONVENTIONAL SYMBOLS





# Summary of Quantities 1 year establishment

#### **Summary of Quantities**

DES	SEC	QTY	UNIT	KEY	BOTANICAL NAME	COMMON NAME	SIZE	CALIPER	FURNISH	A.S.N.S.	REMARKS
L	1670	1	ea	AP	Acer palmatum 'BloodGood'	BloodGood Japanese Maple	8-10'	2 1/2"	#25 Cont.	1.2.4	As Shown
L	1670	14	ea	ВТ	Berberis thunbergii	Japanese Barberry			#3 cont.	2.2.1	As Shown
L	1670	273	ea	НН	Hemerocallis 'Little Business'	Little Business Daylily			#1 cont.	12.2.3	As Shown
L	1670	2	ea	IN	Ilex 'Nellie R. Stevens'	Nellie Stevens Holly	8'		B&B	4.2.5	As Shown
L	1670	18	ea	IV	Ilex vomitoria 'Nana'	Dwarf Yaupon Holly			#3 cont.	4.2.4	4' O.C.
L	1670	28	ea	JD	Juniperus davurica 'Parsoni'	Parson's Juniper			#3 cont.	3.2.2	5' O.C.
L	1670	4	ea	LI	Lagerstroemia indica 'Muskogee'	Muskogee Crepe Myrtle	8-10'		B&B	1.3	As Shown
L	1670	99	ea	LM	Lantana montevidensis	Creeping Lantana			#1 cont.		As Shown
L	1670	112	ea	MC	Muhlenbergia capillaris	Pink Muhly Grass			#3 cont.	12.4	As Shown
L	1670	327	ea	OJ	Ophipogon japonicus	Mondo Grass			#1 cont.		As Shown
L	1670	7	ea	PT	Pittosporum tobira	Pittosporum			#3 Cont.		As Shown
L	1670	5	ea	PN	Pittosporum tobira 'Nana'	Wheeler's Dwarf			#3 cont.		As Shown
L	1670	3	ea	PS	Prunus serrulata	Yoshino Cherry	6-8'	2 1/2"-3"	B&B	1.2.3	As Shown
L	1670	44	ea	RR	Rosa 'Radsunny'	Sunny Knock Out Rose			#2 cont.	5.2	As Shown
L	1670	373	ea	RG	Rudbeckia fulgida var. sullivantii 'Goldstrum'	Goldstrum Balck-eyed Susan			#1 cont.	12.3	As Shown
L	1670	4	ea	ТО	Thuja occidentalis 'Smaragd' ('Emerald')	Smaragd American Arborvitae	5-6'		B&B	3.2.6	As Shown
	1670	246	SY	ZO	Zoysia	Zoysia Grass					As Shown
	1670	69	CY		Mulch for Planting						
	1670	11	M/G		Water for Planting						
	1670	257	SY		Existing Plant Bed Clean-up						
	1670	623	SY		Pre emergence Herbicidal Treatment						
	1670	623	SY		Post emergence Herbicidal Treatment						

County Line	
City or Town Line	
Exist. Right of Way Line Marker.	<del></del>
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	<del></del>
Survey Line	
Denotes Line Equality	
Denotes Line Equality	
Denotes Line Equality	
Denotes Line Equality. Bridge. Culvert	<u>•</u>
Denotes Line Equality. Bridge. Culvert Railroad.	
Denotes Line Equality. Bridge. Culvert Railroad. Woods.	•••••
Denotes Line Equality. Bridge. Culvert. Railroad. Woods. Exist. Telephone Pole.	•••••
Denotes Line Equality. Bridge. Culvert. Railroad. Woods. Exist. Telephone Pole. Prop. Telephone Pole.	•••••
Denotes Line Equality. Bridge. Culvert. Railroad. Woods. Exist. Telephone Pole. Prop. Telephone Pole. Tower Pole and Line.	•••••
Denotes Line Equality. Bridge. Culvert. Railroad. Woods. Exist. Telephone Pole. Prop. Telephone Pole. Tower Pole and Line. Exist. Power Pole	• • • • • • • • • • • • • • • • • • •
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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.	-0.0mm
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.	-0.0mm
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.	
Denotes Line Equality. Bridge. Culvert. Railroad. Woods. Exist. Telephone Pole. Prop. Telephone Pole. Tower Pole and Line. Exist. Power Pole. Sanitary Sewer Line. Water Line. Gas Line. Picnic Shelter.	
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Denotes Line Equality. Bridge. Culvert. Railroad. Woods. Exist. Telephone Pole. Prop. Telephone Pole. Tower Pole and Line. Exist. Power Pole. Sanitary Sewer Line. Water Line. Gas Line. Picnic Shelter.	

### INDEX OF L SHEETS:

L 1.0 - Title Sheet L 2.0 - Planting Details

L 3.0 - Planting Plan 1

L 4.0 - Planting Plan 2

PREPARED BY: KC DATE: 10/2014

REVISIONS

DATE	DESCRIPTION



## STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

LOCATION: Wrightsville Ave. & Independence Blvd.

TYPE of WORK: Enhancement Plan

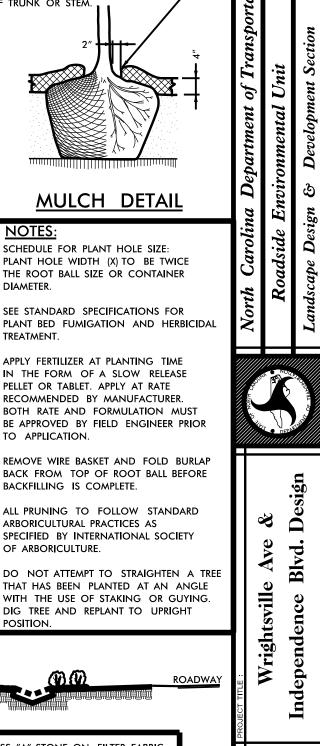
COUNTY: New Hanover County

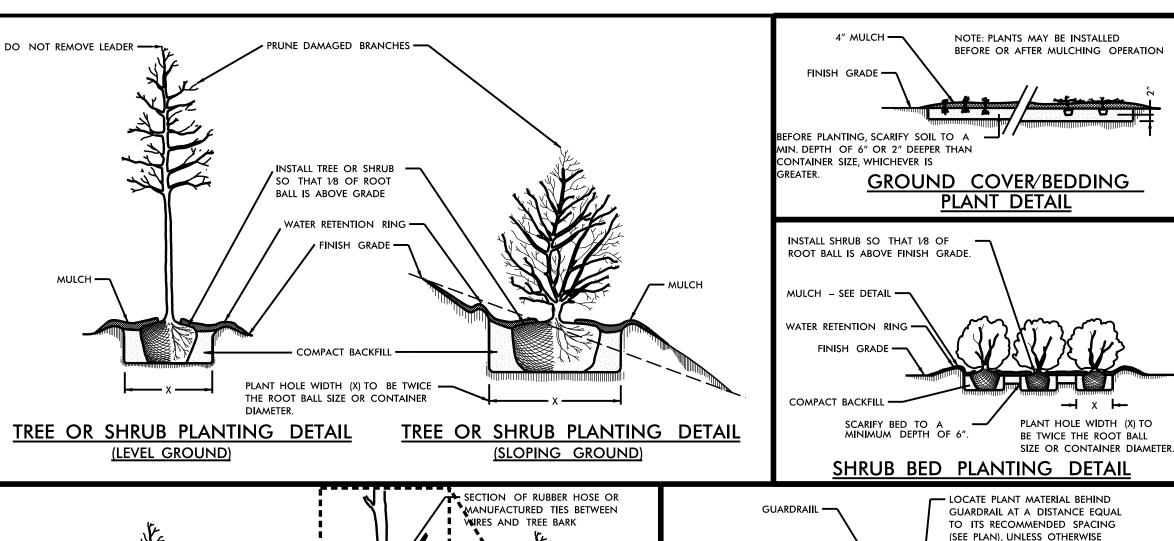
2004 American Standard for Nursery Stock

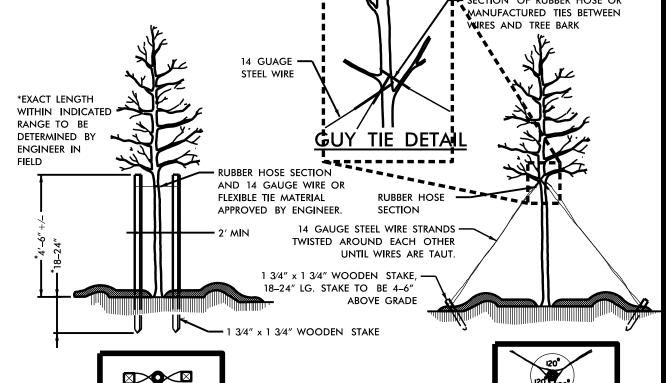
2012 NCDOT STANDARD SPECIFICATIONS

NCDOT- ROADSIDE ENVIRONMENTAL UNIT LANDSCAPE DESIGN & DEVELOPMENT SECTION 1557 MAIL SERVICE CENTER

RALEIGH NC 27699 919-707-2920







PLAN VIEW

(TREES 6'-10')

STAKING DETAIL

USE AS DIRECTED BY FIELD ENGINEER

PLAN VIEW **GUYING DETAIL** 

(TREES 10' OR LARGER)

USE AS DIRECTED BY FIELD ENGINEER

**BOULDER PLACEMENT DETAIL TYPICAL** SCALE: NTS

EXTEND MULCH TO FRONT - EDGE OF THE GUARDRAIL OR TO PAVEMENT EDGE

4' MIN. TO 8' MAX. NATURAL WEATHERED STONE TO BE PROVIDED BY NCDOT. STONE TO BE BURIED 1/3 IN GROUND AND 2/3 EXPOSED. VARIABLE GRADE (LEVEL TO SLOPING)

DIRECTED BY ENGINEER.

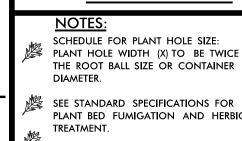
GUARDRAIL MULCHING DETAIL

USE AS DIRECTED BY FIELD ENGINEER

MIN. 12" DEEP CLASS "A" STONE ON FILTER FABRIC LINER IN DITCH. PLACE STONE FLUSH WITH DITCH GRADE FOR MAXINUM WATER FLOW.

CLASS "A" STONE DITCH LINING DETAIL

Planting Details



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 PLACE MULCH WITHIN 2" -

OF TRUNK OR STEM.

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.

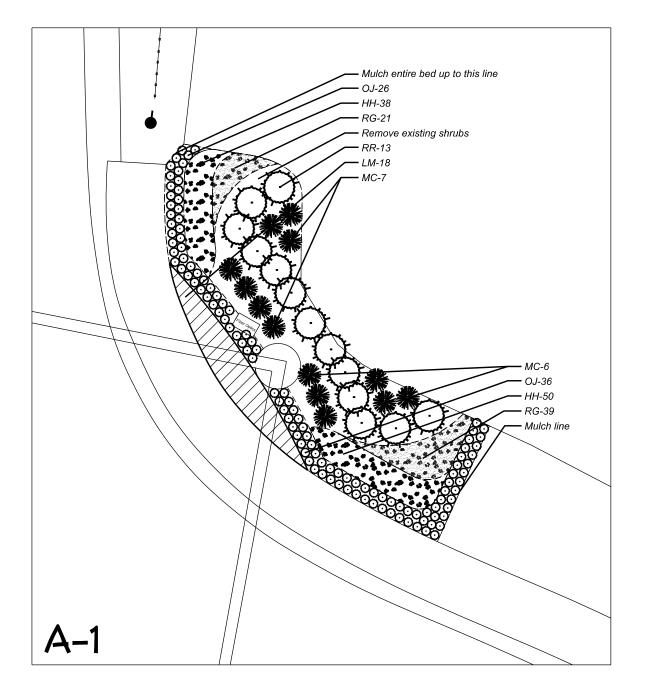
DO NOT ATTEMPT TO STRAIGHTEN A TREE THAT HAS BEEN PLANTED AT AN ANGLE WITH THE USE OF STAKING OR GUYING. DIG TREE AND REPLANT TO UPRIGHT POSITION

ROADWAY

Kyle Cooper AS NOTED

10 / 21 / 14

U-4733





### PLANT LIST

### Key Scientific Name Common Name Furnish Remarks

**Trees**TO *Thuja occidentalis* 'Smaragd' American Arborvitae B&B As shown

Shrubs
MC Muhlenbergia capillaris Pink Muly Grass #3 Cont. 2.5' O.C.
RR Rosa 'Radsunny' Sunny Knockout Rose #2 Cont. 3' O.C.

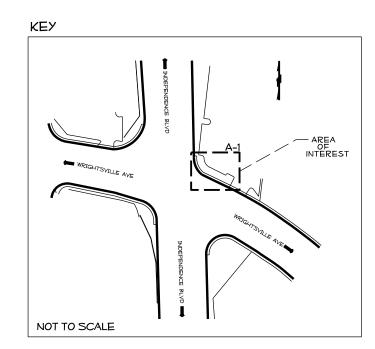
Grasses/Groundcovers/Perennlals

HH Hemerocallis 'Little Business' Little Business Daylily #1 Cont. 12" O.C.

LM Lantana montevidensis Creeping Lantana #1 Cont. 2' O.C.

OJ Ophipogon japonicus Mondo Grass #1 Cont. 18" O.C.

RG Rudbeckia fulgida 'Goldstrum' Goldstrum Black-eyed Susan #1 12" O.C.







NCDOT - ROADSIDE ENVIRONMENTAL UNIT LANDSCAPE DESIGN & DEVELOPMENT

1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557 PH: 919-707-2935 FAX: 919-715-2554

WRIGHTSVILLE AVE. AND INDEPENDENCE BLVD. DESIGN CONTRACT #: 3703.3.41

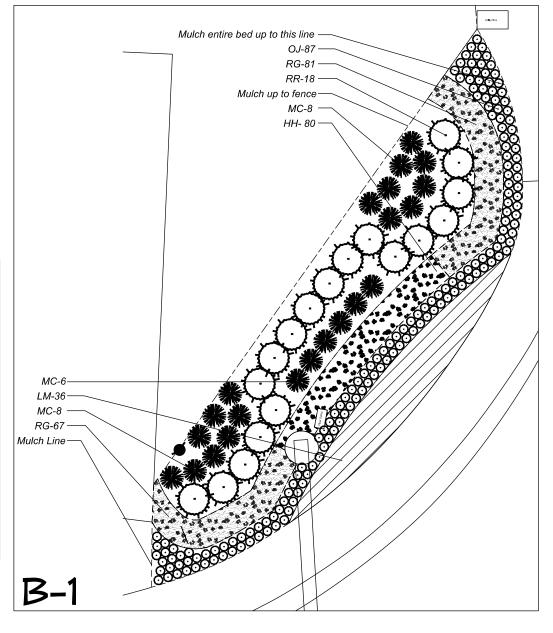


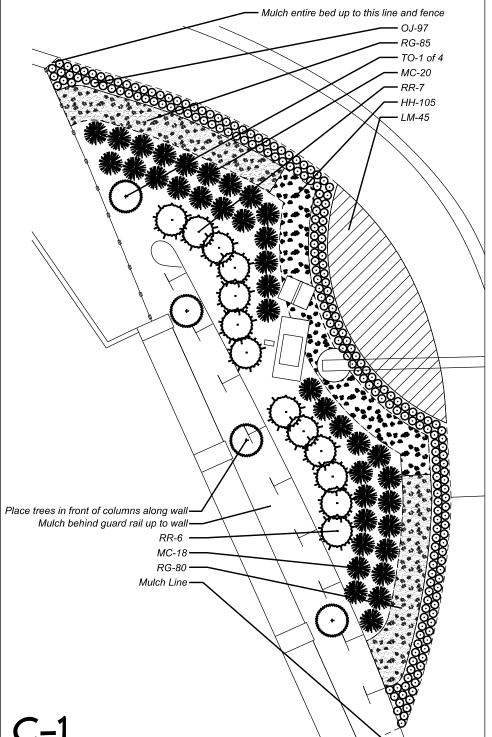
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DESCR	CHECKED BY & DATE :	LANDSCAPE PLAN SHEET		
H	FINAL DESIGN DATE: OCT 2014			



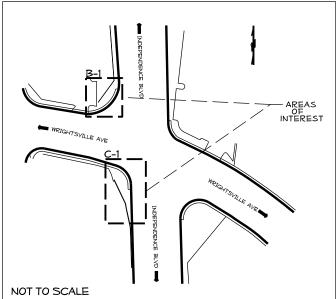
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	WBS # 370	3.3.41
	FED I.D. #	
. III	SHEET NO:	TOTAL SHEET NO:
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HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP CHIEF ENG/ROADSIDE/









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WRIGHTSVILLE AVE. AND INDEPENDENCE BLVD. DESIGN CONTRACT #: 3703.3.41



DESCRIPTION:	PREL DESIGN DATE: OCT 2014	ENHANCEMENT PLAN
	CHECKED BY & DATE:	LANDSCAPE PLAN SHEET
EET	FINAL DESIGN DATE: OCT 2014	



	T.I.P. # U-4	733
	WBS # 3703	3.3.41
	FED I.D. #	
'''	SHEET NO:	TOTAL SHEET NO:
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