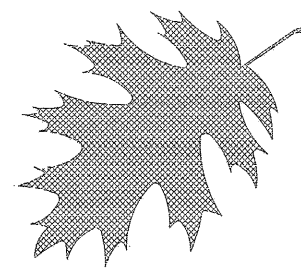
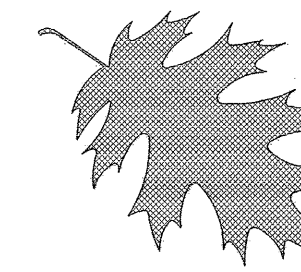


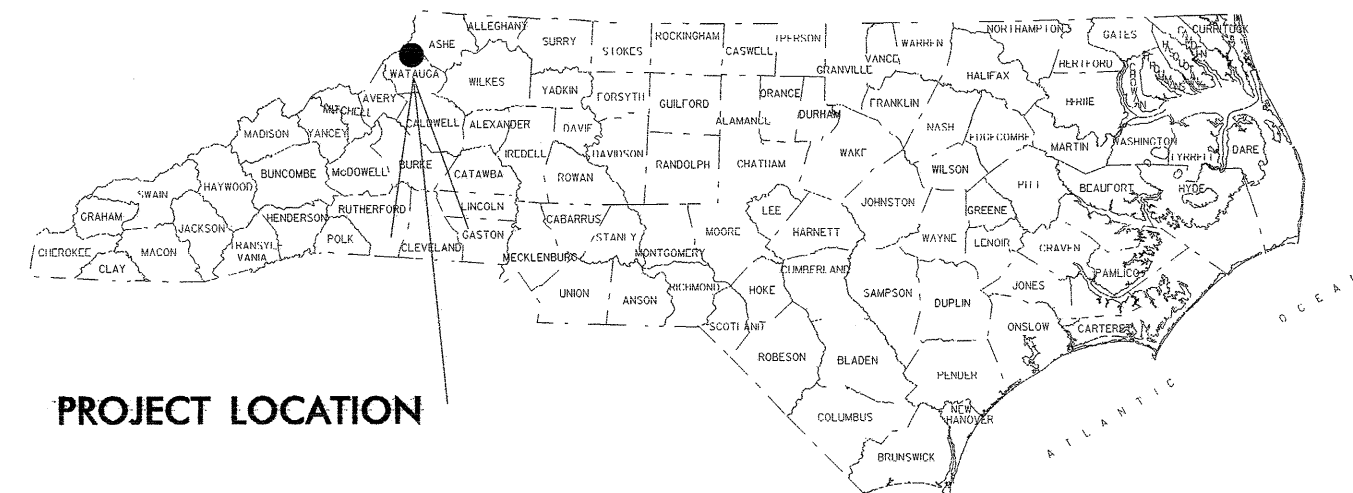
**PROJECT: U-4020**



# PROPOSED HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
<b>U-4020</b>	<b>35015.1.1</b>	<b>L1.0</b>	<b>L1.7</b>
FED. PROJ. #	DESCRIPTION	DIVISION	
-	<b>US 421 Boone</b>	<b>11</b>	



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.....	---E---
Easement Line.....	---E---
Slope Stake Line.....	---S---
Exist. Fence.....	---+---
Prop. Woven Wire Fence.....	---○---
Prop. Chain Link Fence.....	---□---
Exist. Road.....	---=---
Prop. Road.....	---=---
Guardrail.....	---T---
Survey Line.....	---+---
Denotes Line Equality.....	---+---
Bridge.....	---=---
Culvert.....	---=---
Railroad.....	---=---
Woods.....	---X--- OR ---X---
Exist. Telephone Pole.....	---●---
Prop. Telephone Pole.....	---○---
Tower Pole and Line.....	---■---
Exist. Power Pole.....	---●---
Prop. Power Pole.....	---○---
Sanitary Sewer Line.....	---S---
Water Line.....	---W---
Gas Line.....	---G---
Picnic Shelter.....	---□---
Regeneration.....	---X---
Reforestation.....	---X---

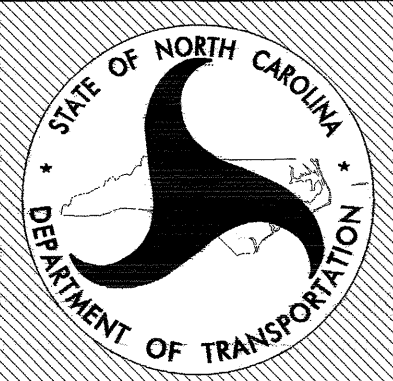
DES	SEC	QUAN	UNIT	KEY	BOTANICAL NAME	COMMON NAME	SIZE	CALIPER	FURNISH	A.S.N.S	REMARKS
L	1670	14	EA	CK	<i>Cornus Kousa</i>	Chinese Dogwood	5-6'		B&B	1.2.4	As Shown
L	1670	1822	EA	HS	<i>Hemerocallis 'Stella do Oro'</i>	Stella d Oro daylily	12-15"		*1 cont.	1.2.2.3	2' oc.
L	1670	III	EA	LV	<i>Liriope Muscarl 'Variegata'</i>	Variegated Liriope	12-15"		*1 cont.	1.2.2	2' oc.
L	1670	6	EA	MP	<i>Malus 'Prairifire'</i>	Prairifire Crabapple	5-6'		B&B		As Shown
2729	1670	114	CY		Mulch for Planting						
2731	1670	14	M/G		Water for Planting						
2732	1670	858	SY		Plant Bed Fumigation						
L	1670	1714	Sq Ft		Brick Pavers						
L	1670	190	SY		Concrete Paver Base						

**INDEX OF L SHEETS:**  
 L 1.0 ... TITLE, DESCRIPTION, LOCATION  
 L 2.0 ... PLANTING DETAILS  
 L 3.0 - L7.- ... PLANS

PREPARED BY: **BM** DATE: **4/2009**

REVISIONS

DATE	DESCRIPTION



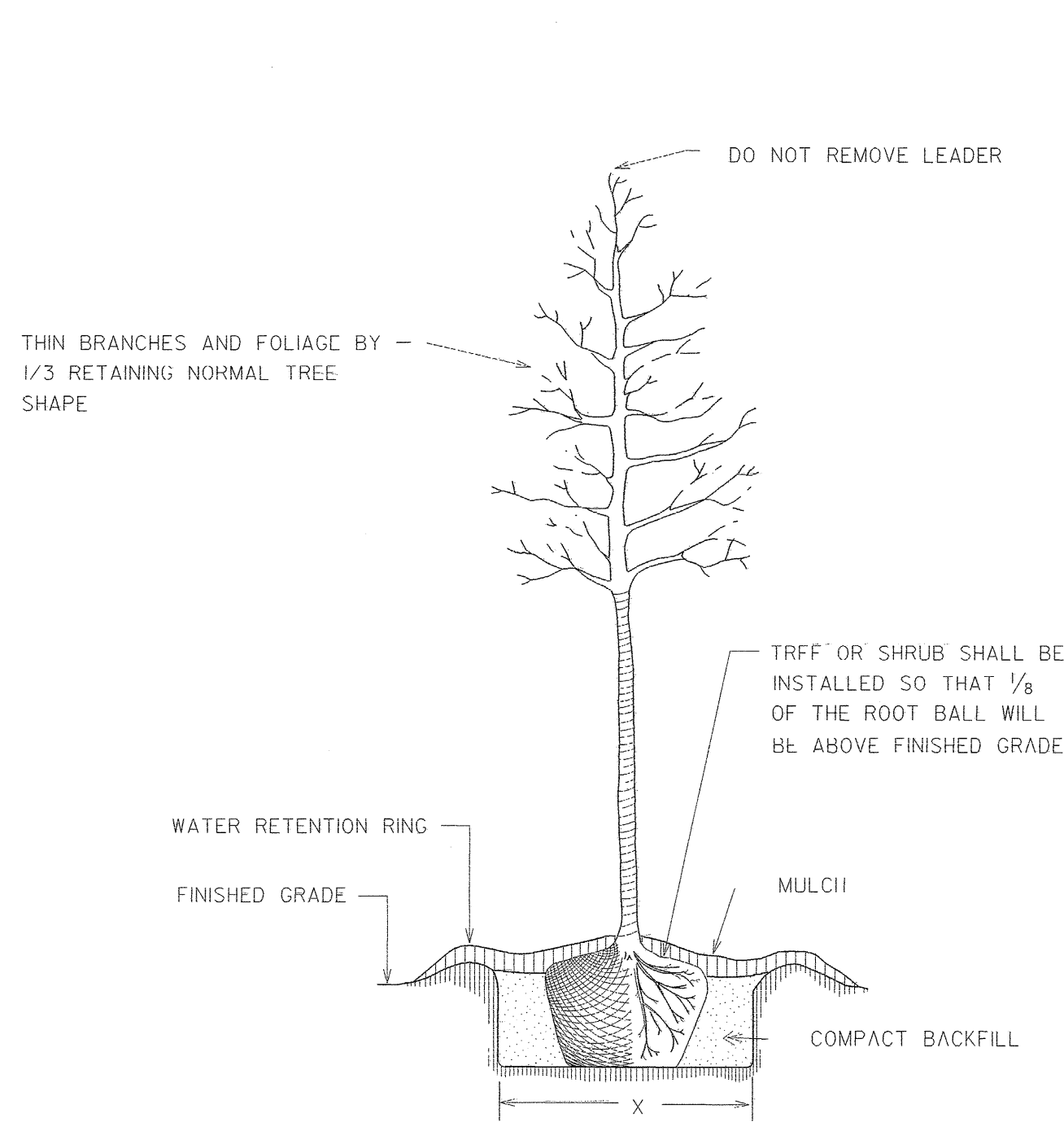
**STATE OF NORTH CAROLINA**  
**DEPARTMENT OF TRANSPORTATION**

LOCATION: **US 421 Town of Boone**

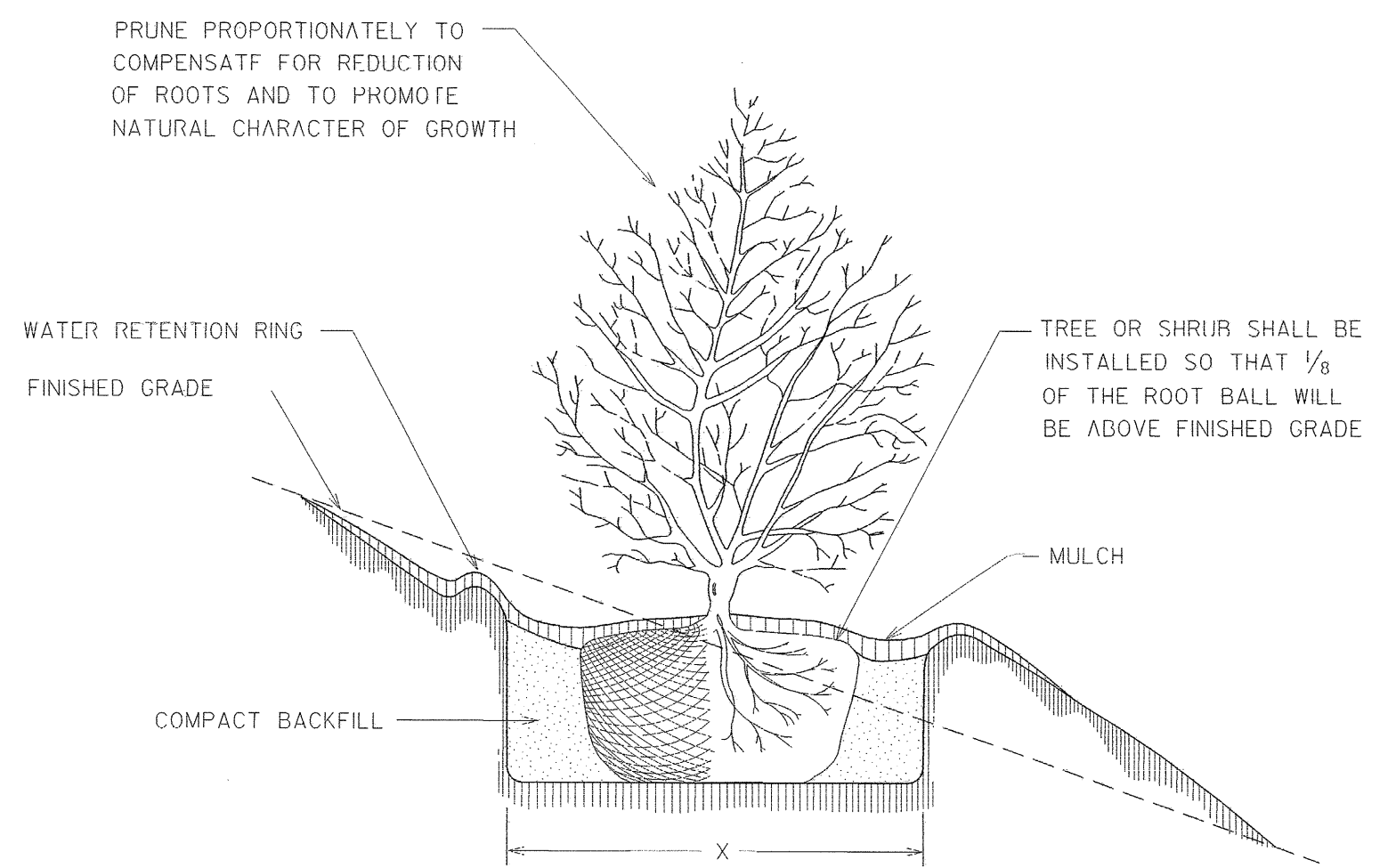
TYPE of WORK: **Landscape Planting**

COUNTY: **Watauga County**

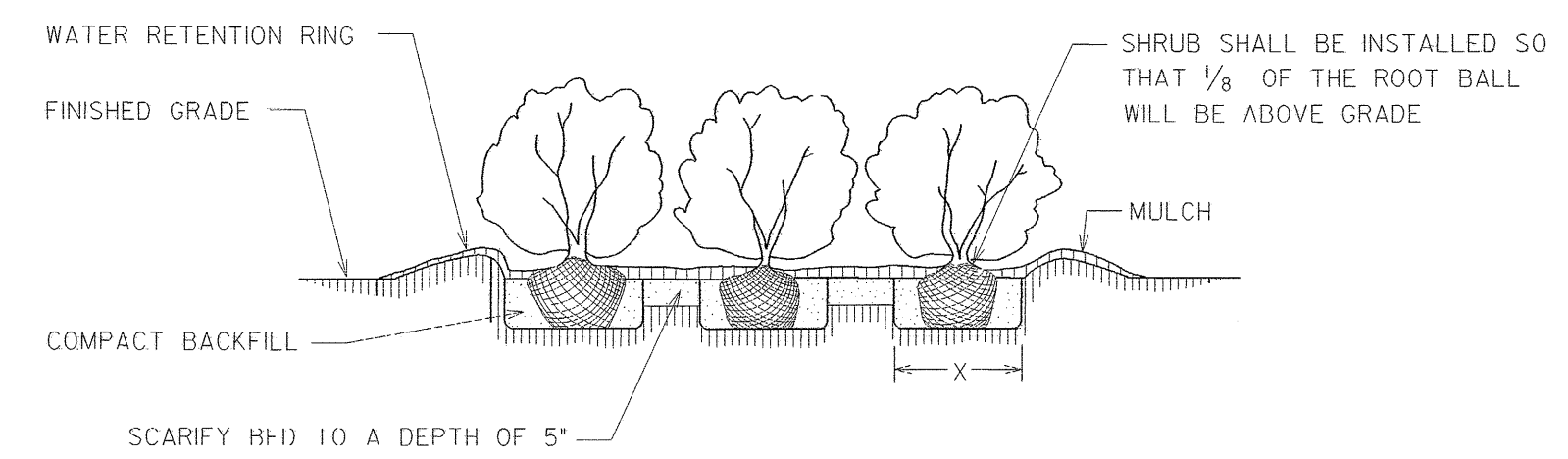
2004 American Standard for Nursery Stock  
 2006 NCDOT STANDARD SPECIFICATIONS  
 PREPARED IN THE OFFICE OF:  
 NCDOT- ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT SECTION  
 1557 MAIL SERVICE CENTER  
 RALEIGH NC 27699 919-733-2920



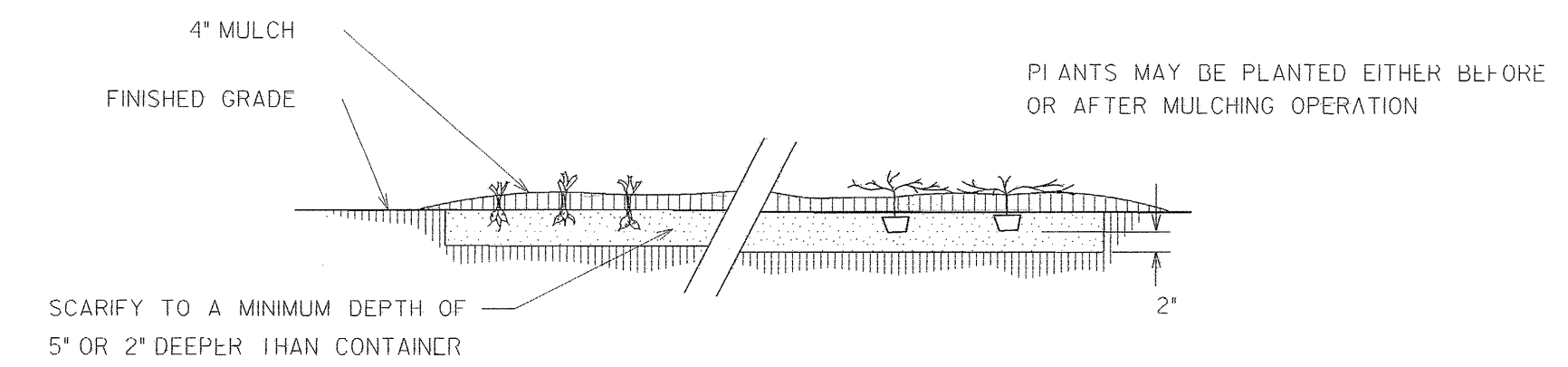
**TREE OR SHRUB PLANTING DETAIL (LEVEL GROUND)**



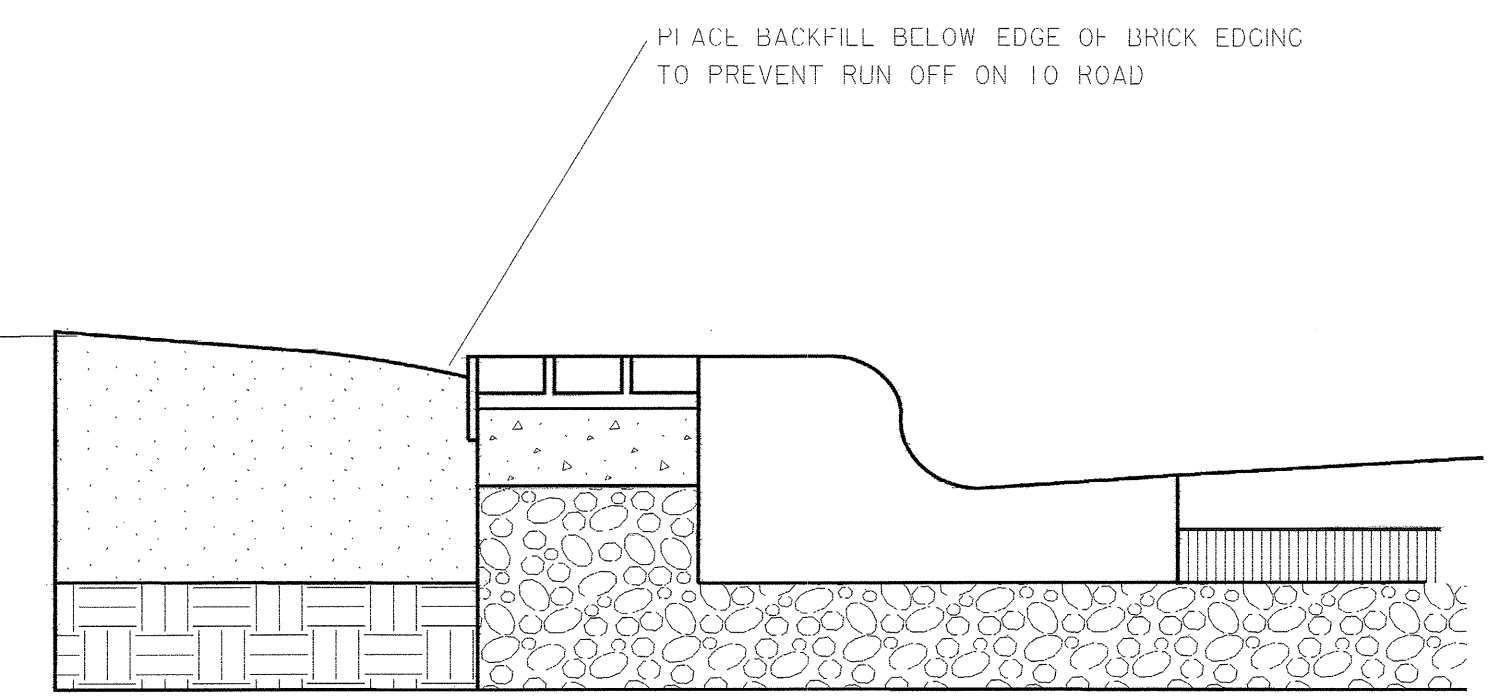
**TREE OR SHRUB PLANTING DETAIL (SLOPING GROUND)**



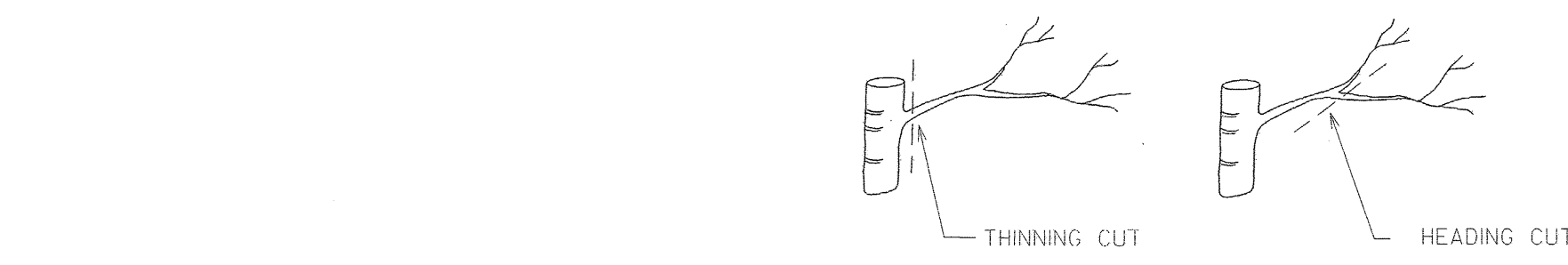
**SHRUB BED PLANTING DETAIL**



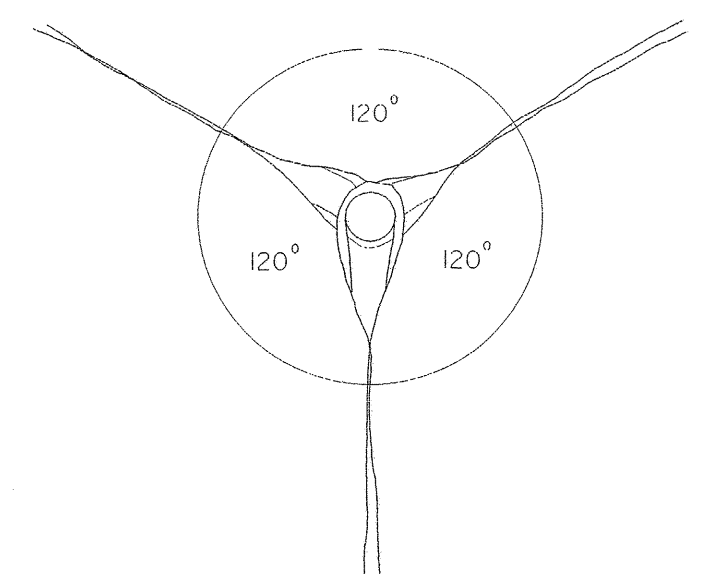
**GROUNDCOVER PLANTING DETAIL**



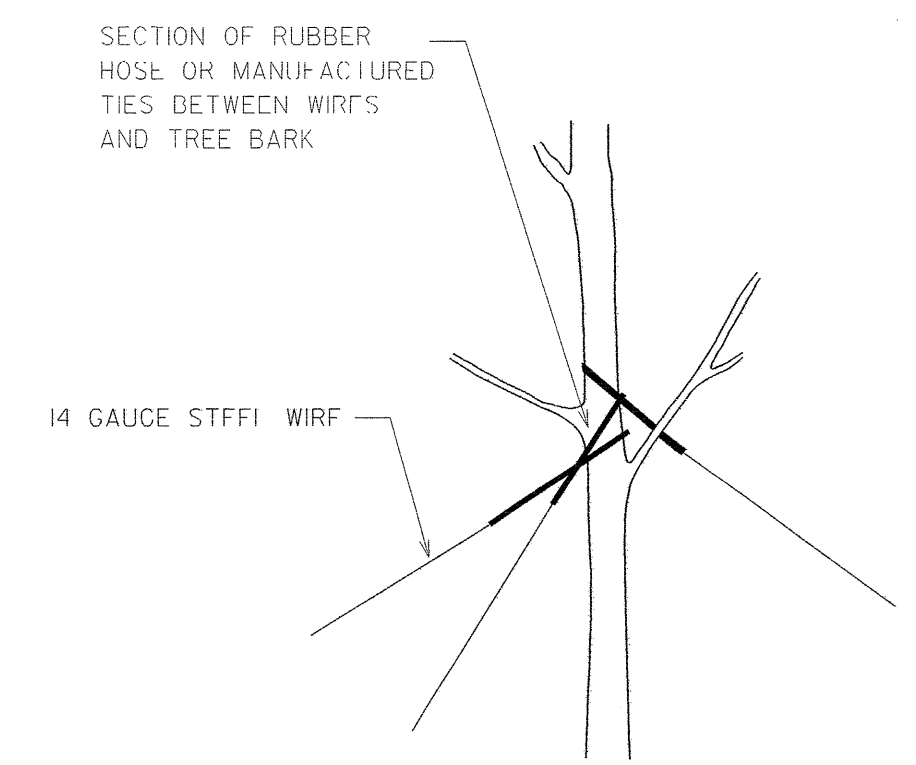
**CONCRETE CURB WITH BRICK PAVER EDGE**



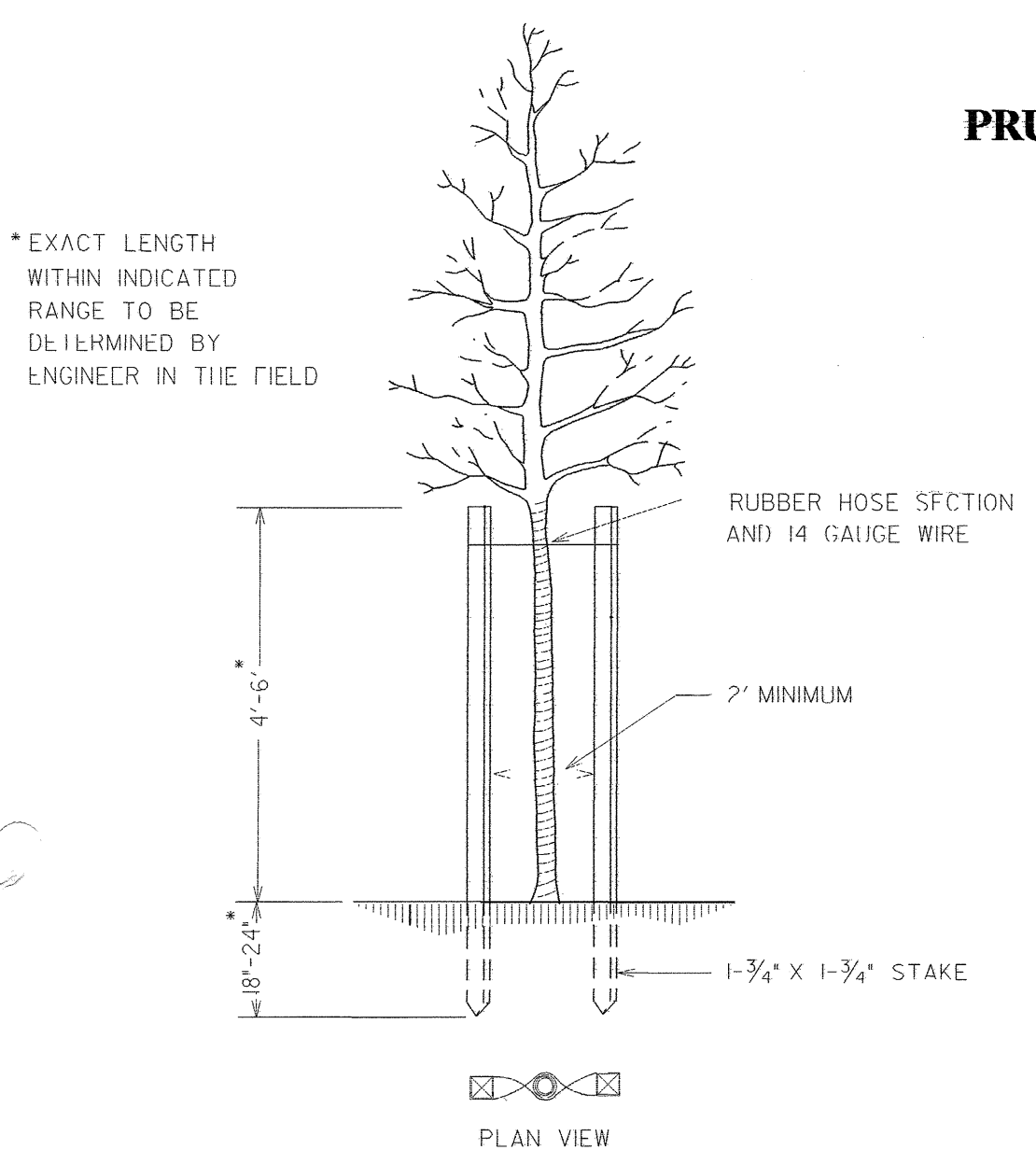
**PRUNING CUTS**



**GUY SPACING DETAIL**

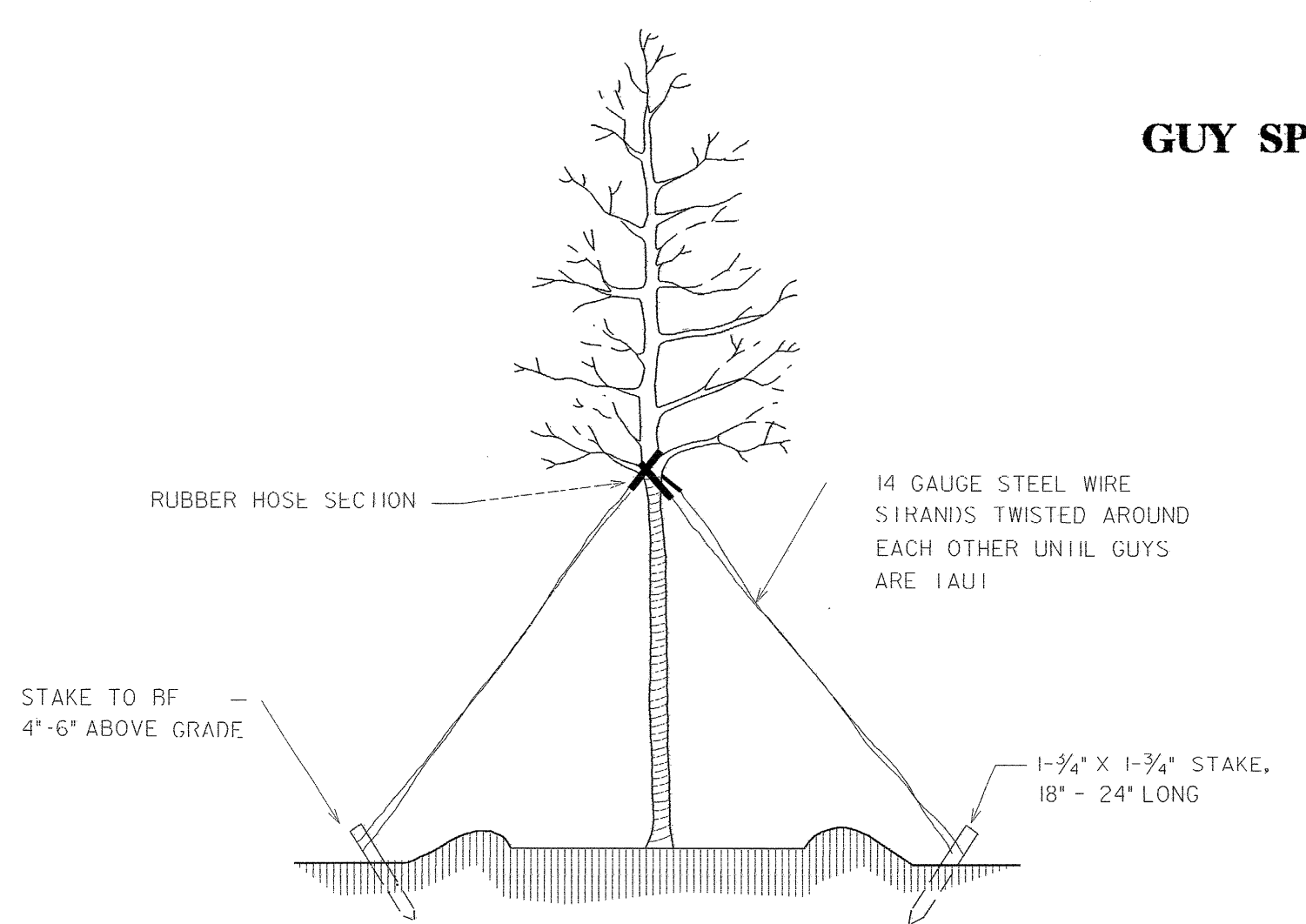


**GUY TYING DETAIL**



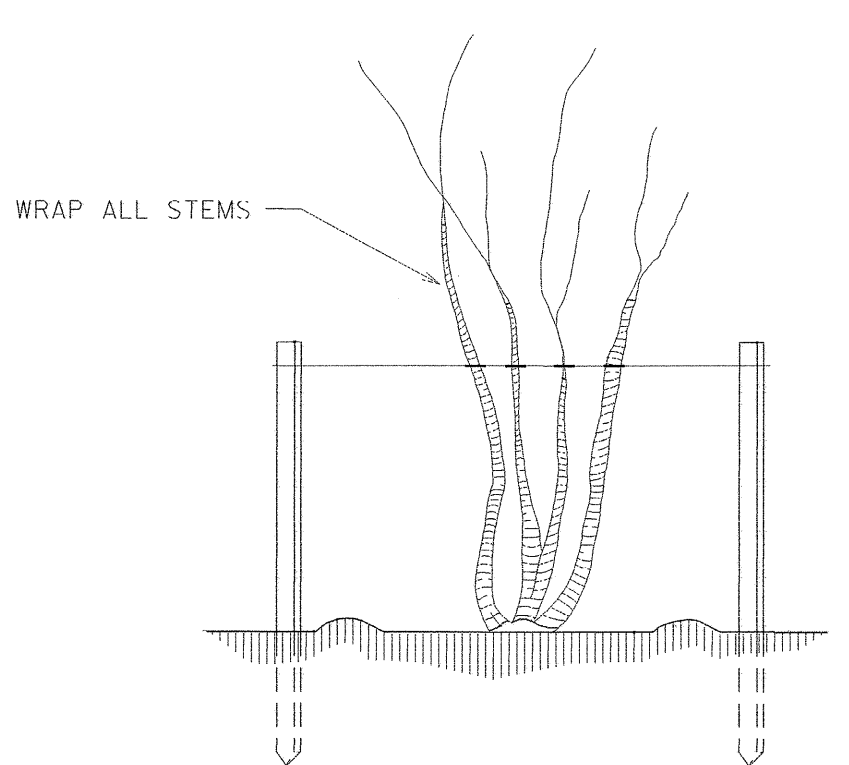
**STAKING DETAIL (FOR TREES 6' TO 10')**

\* Utilize staking detail only if requested by the Engineer.



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

\* Utilize guying detail only if requested by the Engineer.



**MULTI-STEM PLANTING**

**NOTES:**

SCHEDULE FOR PLANT HOLE SIZE:  
 CONTAINER OR ROOT BALL SIZE  
 X = 2 TIMES THE DIAMETER OF THE CONTAINER OR THE ROOT BALL DIAMETER

FERTILIZER SHALL BE APPLIED AT TIME OF PLANTING.. FERTILIZER SHALL BE A SLOW RELEASE PELLET OR TABLET. FORMULATION SHALL BE APPROVED BY ENGINEER IN THE FIELD.

RATES SHALL BE PER MANUFACTURERS RECOMMENDATIONS AND APPROVED BY THE ENGINEER IN THE FIELD. THOROUGHLY MIX WITH TOPSOIL, BACKFILL OR SCARIFIED SOIL.

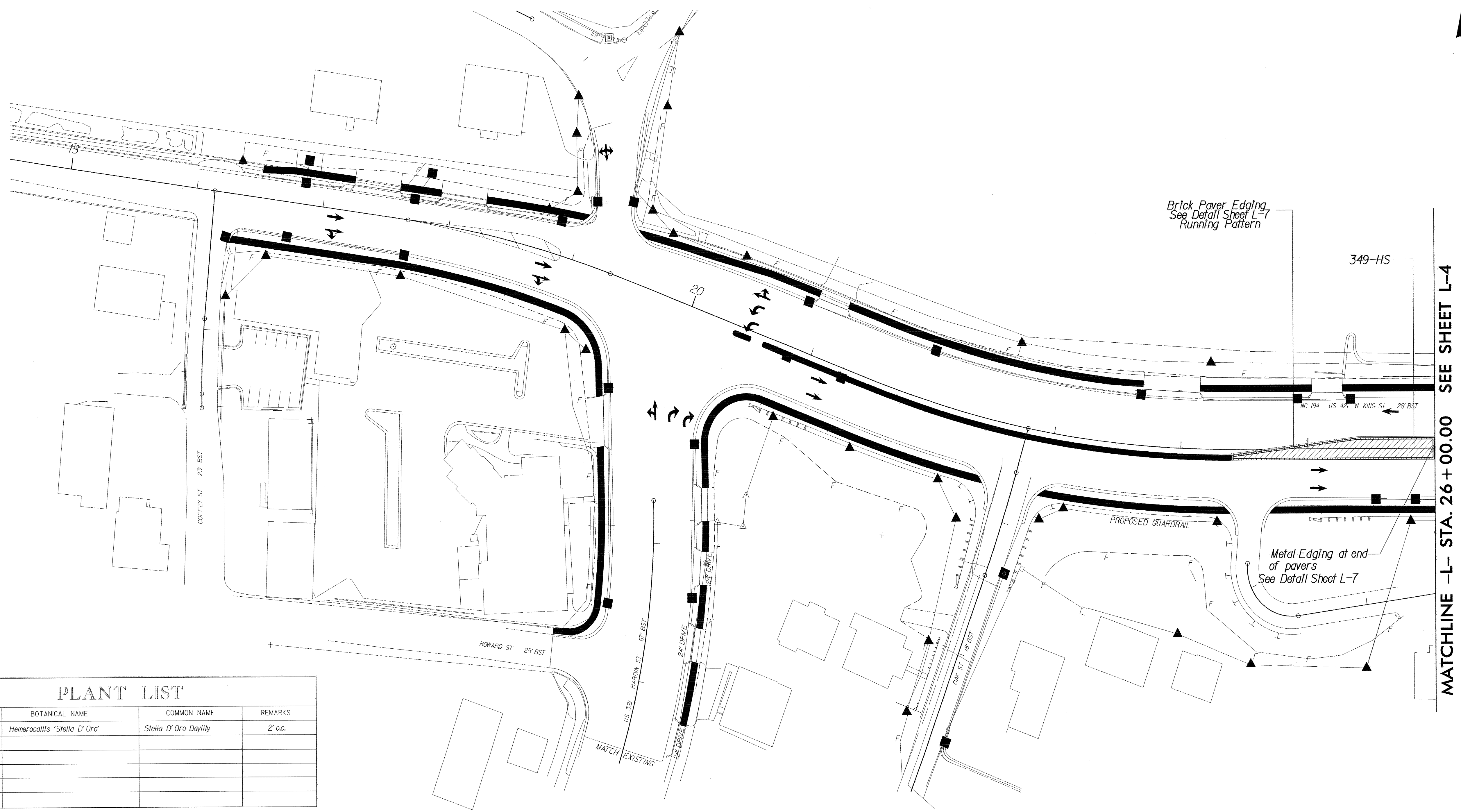
REMOVE RUBBER FROM TOP OF BALL BEFORE BACKFILLING AROUND BALL IS COMPLETE

SEE STANDARD SPECIFICATIONS FOR PLANT BED FUMIGATION

**PLANTING DETAILS**  
 N.C.D.O.T. - ROADSIDE ENVIRONMENTAL UNIT

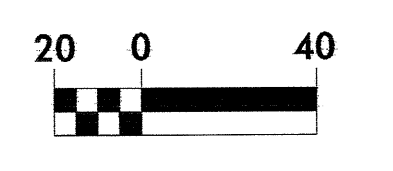
NO SCALE

NAD 8395



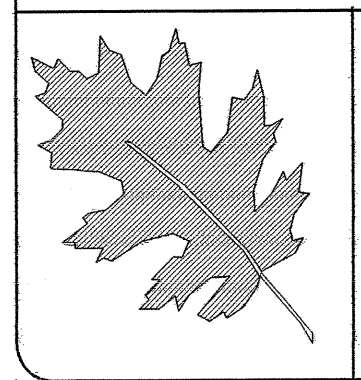
**PLANT LIST**

QUAN	UNIT	KEY	BOTANICAL NAME	COMMON NAME	REMARKS
349	EA	HS	Hemerocallis 'Stella D' Oro'	Stella D' Oro Daylily	2' oc.



MATCHLINE -L- STA. 26+00.00 SEE SHEET L-4

\*\*\*\*\*  
 SYSTEMS  
 DESIGN  
 \*\*\*\*\*



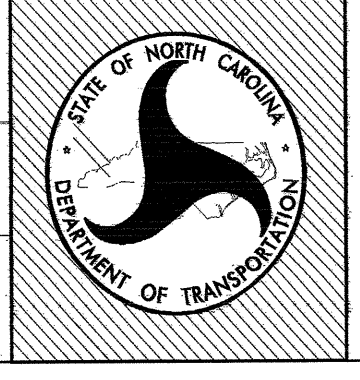
NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-733-2920 FAX: 919-733-9810  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP](http://www.ncdot.org/DOH/OPERATIONS/DP) CHIEF ENG./ROADSIDE/

**U-4020**  
**US 421 WATAUGA COUNTY**  
 PROJECT #: **35015.1.1**

REU ENGINEER :  
*B. Nutter Sr.*

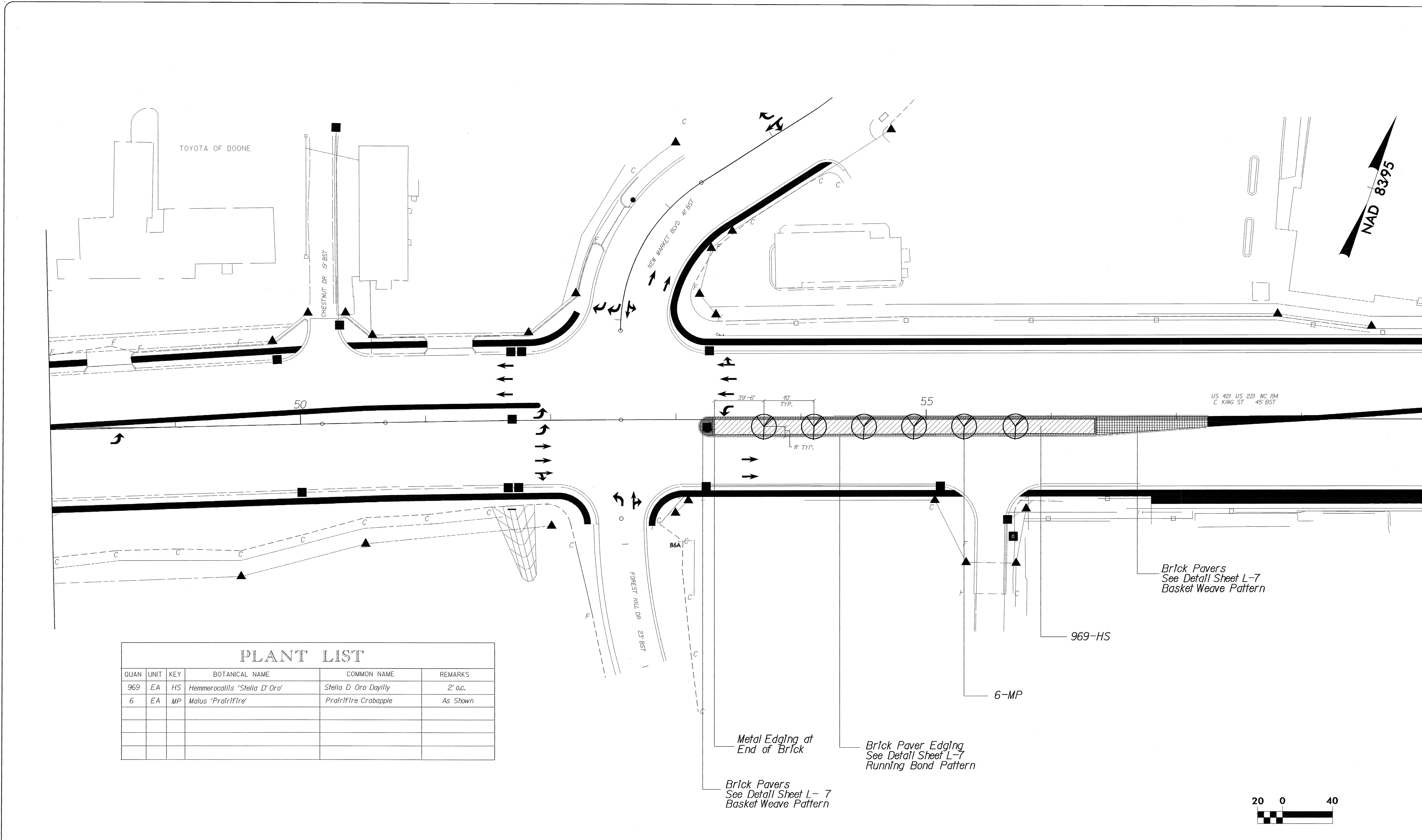
SHEET DESCRIPTION:  
**LANDSCAPE PLANS**  
**US 421 IN BOONE**

PREL. DESIGN DATE: **APRIL 2009**  
 CHECKED BY & DATE:  
 FINAL DESIGN DATE: **APRIL 2009**



SHEET NO :  
**L-3**  
 TOTAL SHEET NO :  
**7**

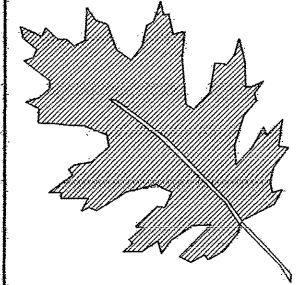




MATCHLINE -L- STA. 59 + 00 SEE SHEET L-6

PLANT LIST					
QUAN	UNIT	KEY	BOTANICAL NAME	COMMON NAME	REMARKS
969	EA	HS	<i>Heimerocallis 'Stella D' Ora'</i>	Stella D Oro Daylily	2' o.c.
6	EA	MP	<i>Malus 'Prairifire'</i>	Prairifire Crabapple	As Shown

\$\$\$\$\$SYTIME\$\$\$\$\$  
 \$\$\$\$\$\$LOGNAME\$\$\$\$\$  
 \$\$\$\$\$\$USER\$\$\$\$\$



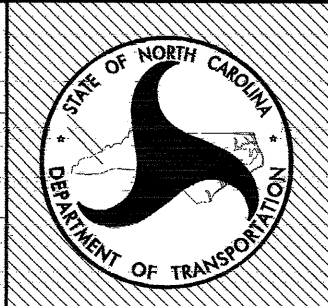
NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
 LANDSCAPE DESIGN & DEVELOPMENT  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-733-2920 FAX: 919-733-9810  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

U-4020  
 US 421 WATAUGA COUNTY  
 PROJECT #: 35015.1.1

REV ENGINEER:  
*B. Winter Sr.*

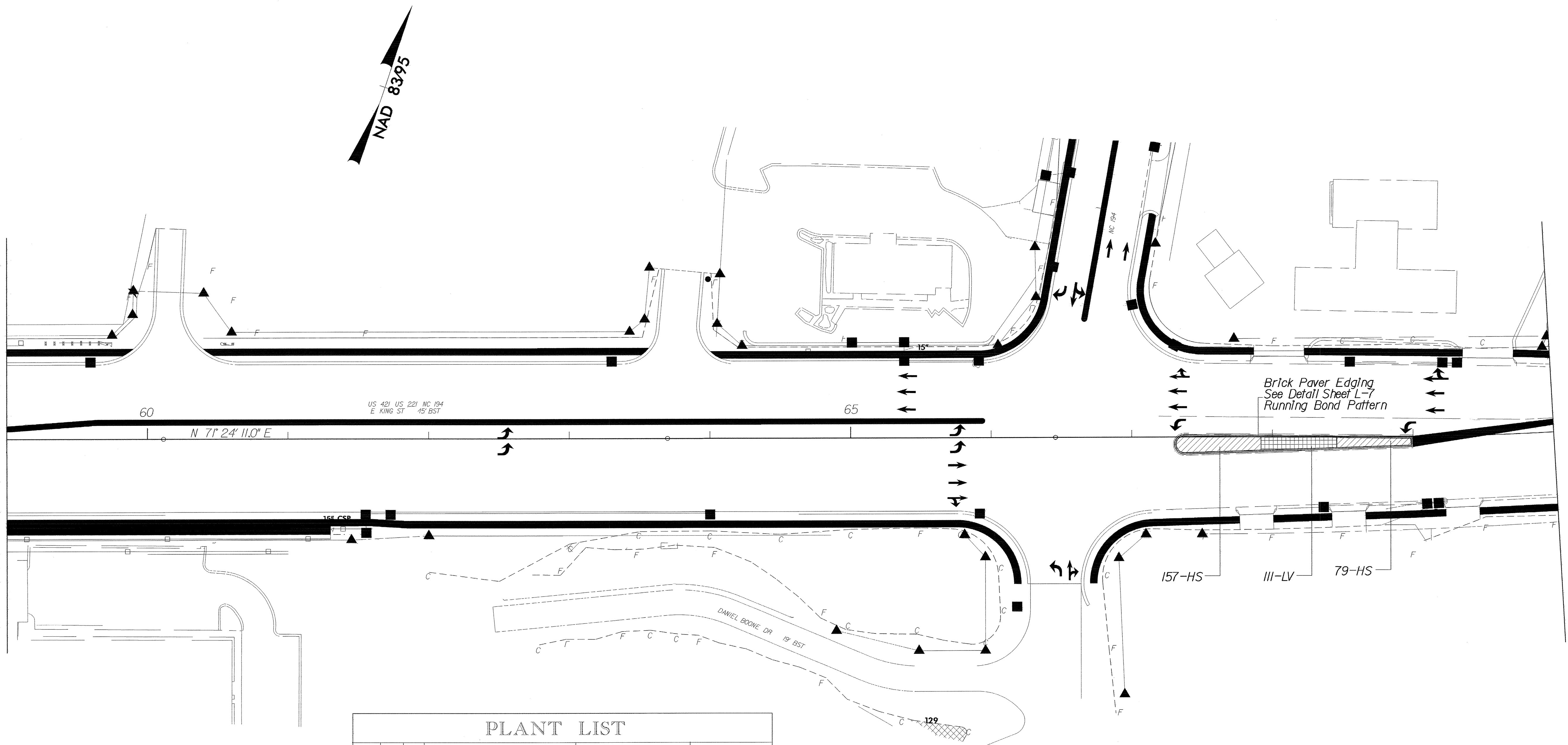
SHEET DESCRIPTION:  
 LANDSCAPE PLANS  
 US 421 IN BOONE

PREL. DESIGN DATE: APRIL 2009  
 CHECKED BY & DATE:  
 FINAL DESIGN DATE: APRIL 2009



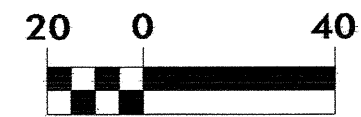
SHEET NO: **L-5**  
 TOTAL SHEET NO: 7

MATCHLINE -L- STA. 59+00 SEE SHEET L-5

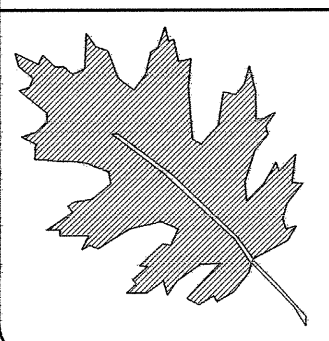


**PLANT LIST**

QUAN	UNIT	KEY	BOTANICAL NAME	COMMON NAME	REMARKS
236	EA	HS	<i>Heimerocallis 'Stella D Oro'</i>	Stella D Oro Daylily	2' o.c.
111	EA	LV	<i>Liriope Muscari 'Variegata'</i>	Variegated Liriope	2' o.c.



\$\$\$\$\$USER\$\$\$\$\$



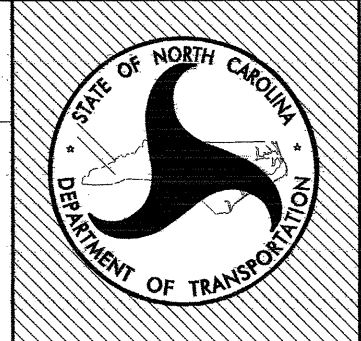
NCDOT - ROADSIDE ENVIRONMENTAL UNIT  
**LANDSCAPE DESIGN & DEVELOPMENT**  
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557  
 PH: 919-733-2920 FAX: 919-733-9810  
[HTTP://WWW.NCDOT.ORG/DOH/OPERATIONS/DP\\_CHIEF\\_ENG/ROADSIDE/](http://www.ncdot.org/DOH/OPERATIONS/DP_CHIEF_ENG/ROADSIDE/)

**U-4020**  
**US 421 WATAUGA COUNTY**  
 PROJECT #: **35015.1.1**

REU ENGINEER :  
*B. Winter Sr.*

SHEET DESCRIPTION:  
**LANDSCAPE PLANS**  
**US 421 IN BOONE**

PREL. DESIGN DATE: **APRIL 2009**  
 CHECKED BY & DATE:  
 FINAL DESIGN DATE: **APRIL 2009**



SHEET NO:  
**L-6**  
 TOTAL SHEET NO: **7**

