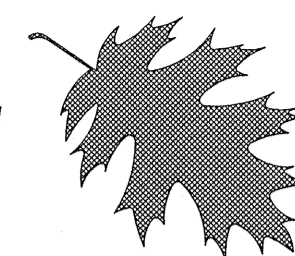
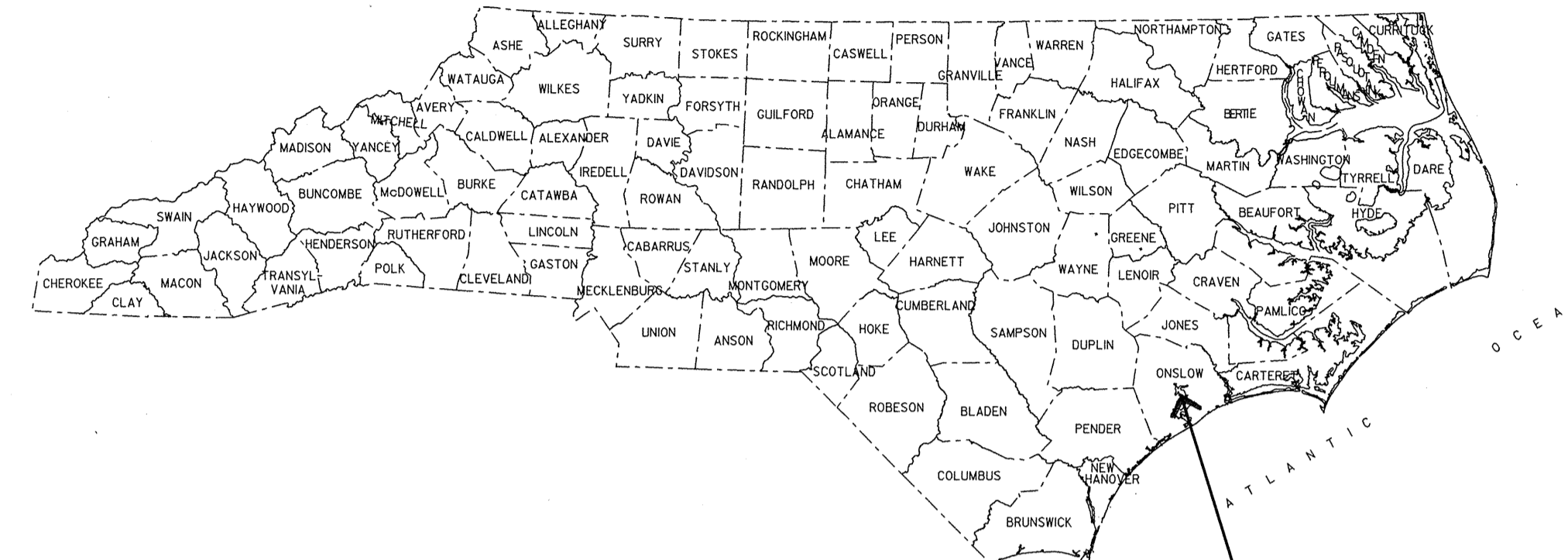


PROPOSED HIGHWAY LANDSCAPE DEVELOPMENT PROJECT

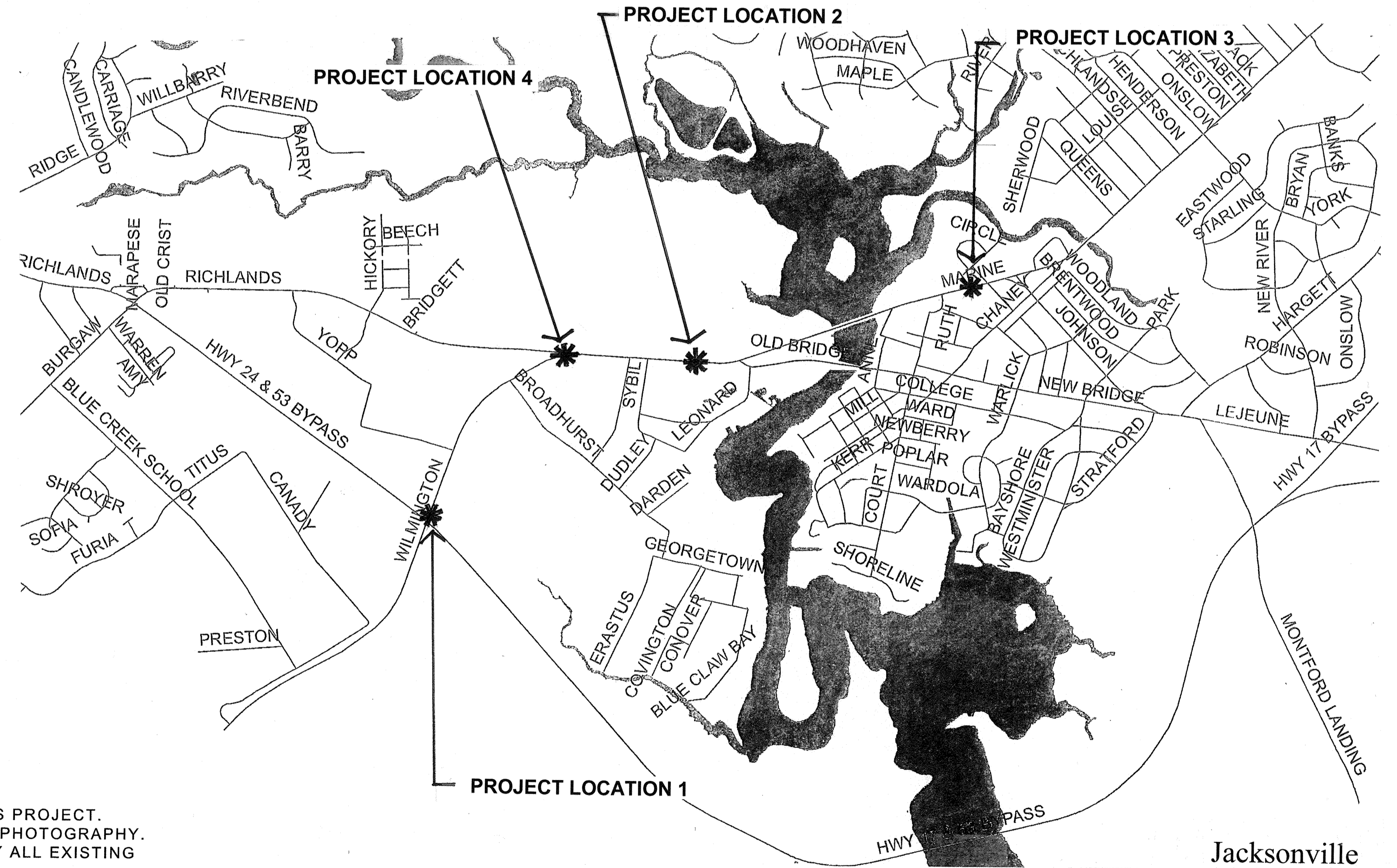


T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
		L1	6
FED. PROJ. #	DESCRIPTION		DIVISION
	landscape		3

PROJECT: Landscape Enhancement Projects Jacksonville, North Carolina



Project Location



NOTE:
 A SURVEY WAS NOT PERFORMED FOR THIS PROJECT.
 THE PLANS WERE CREATED FROM AERIAL PHOTOGRAPHY.
 CONTRACTOR WILL NEED TO FIELD VERIFY ALL EXISTING
 FEATURES.

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.....	-----

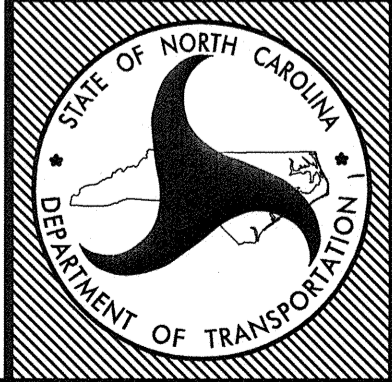
INDEX OF SHEETS:

- L1...TITLE SHEET
- L2...PROJECT 1
- L3...PROJECT 2 & 3
- L4...PROJECT 4
- L5...DETAILS
- L6...IRRIGATION NOTES

PREPARED BY: DATE: APRIL 2013

REVISIONS

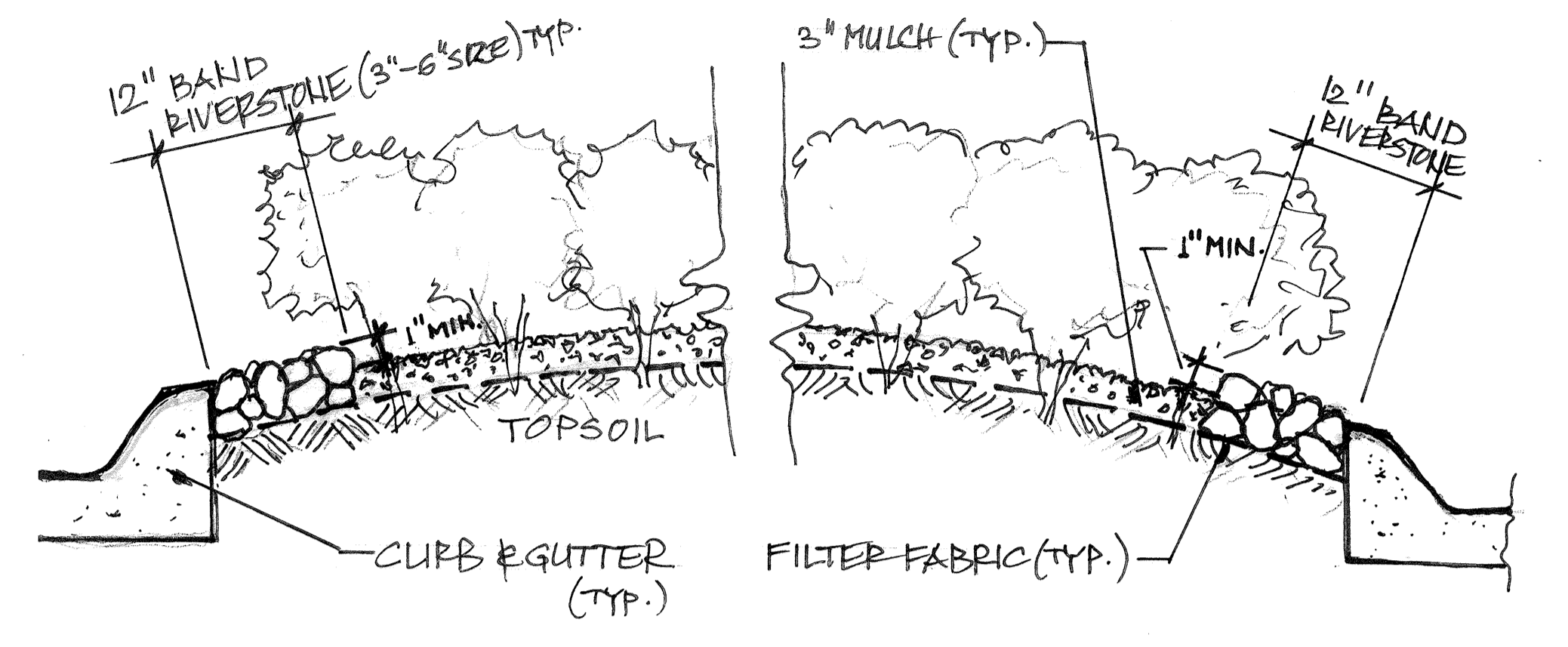
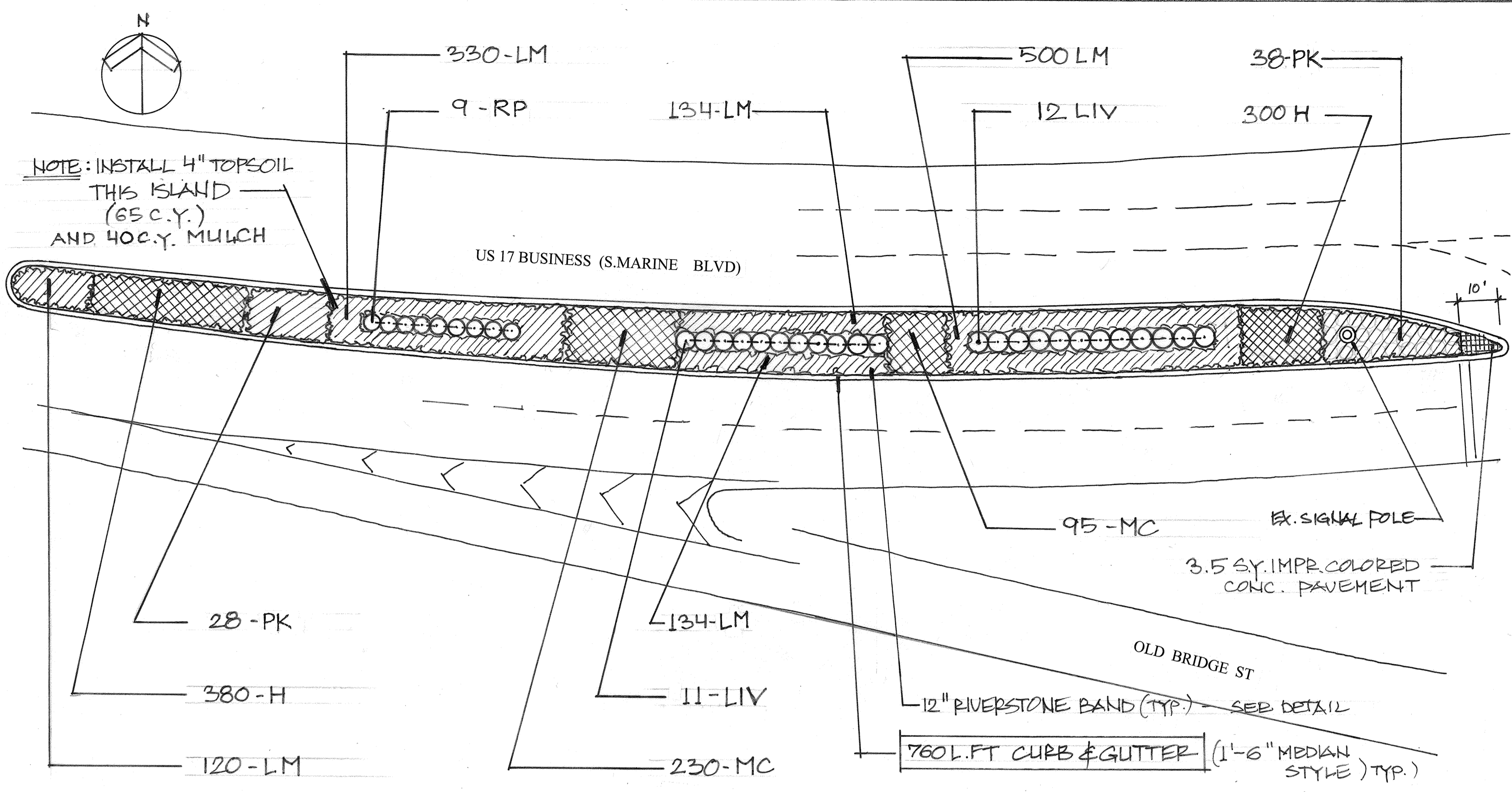
DATE	DESCRIPTION



STATE OF
NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION

LOCATION: Jacksonville, North Carolina
TYPE of WORK: Landscape Enhancement Projects
COUNTY: Onslow

2004 American Standard for Nursery Stock
 2012 NCDOT STANDARD SPECIFICATIONS
 PREPARED FOR CITY OF JACKSONVILLE
 BY N. NIKOLAIEV, RLA

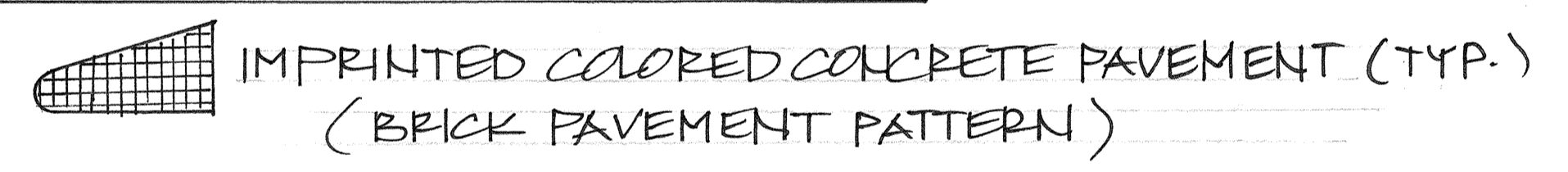


RIVER STONE BAND DETAIL
NOT TO SCALE

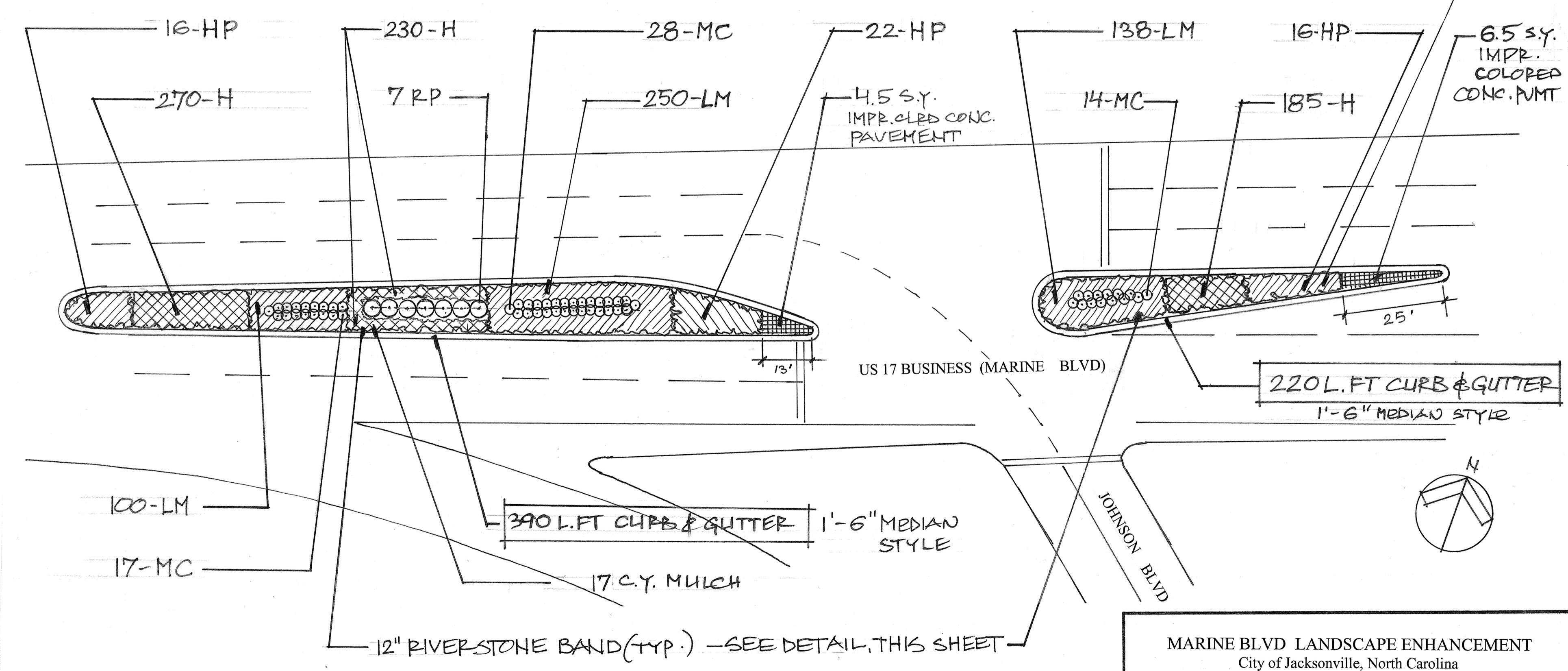
NOTE: INSTALL 12" BAND RIVERSTONE BEHIND CURB ON MEDIAN ISLANDS WITHOUT LAWN STRIP (SEE DETAIL ABOVE)

NOTE: INSTALL 4" TOPSOIL (10 C.Y.) THIS ISLAND AND 7 C.Y. MULCH

LEGEND



NOTE: CONTRACTOR TO PROVIDE AND INSTALL IRRIGATION SYSTEM. SEE SHEET L-5 FOR GENERAL NOTES. COORDINATE WITH CITY OF JACKSONVILLE AND OR LOCAL WATER AUTHORITY FOR CONNECTION TO CITY WATER SUPPLY.



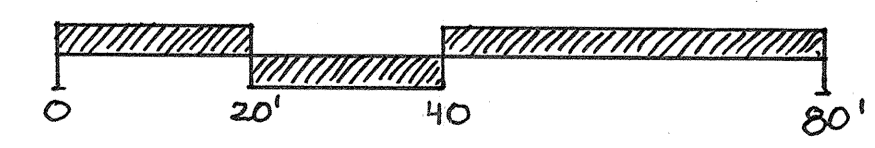
SUMMARY OF PROJECT QUANTITIES

Quantity	Unit	Sec	Symbol	Botanical Name	Common Name	Height	Spread	Root	Comments
23	EA	1670	LIV	<i>Lagerstroemia indica</i> "Victor"	Victor Crape Myrtle	30"		CONT.	
54	EA	1670	HP	<i>Hypericum Patulum</i>	St-John's Wort			CONT.	3' o.c. spacing
66	EA	1670	PK	<i>Pyracantha koidzumii</i> "Santa Cruz"	Santa Cruz Pyracantha		15"-18"	CONT.	3' o.c. spacing
16	EA	1670	RP	<i>Rosa x pink</i> "Double Knock-out"	Pink Knock-out Roses			3 Gal.	48" o.c. spacing
1572	EA	1670	LM	<i>Liriope Muscari</i>	Big Blue Liriope			1 GAL.	15" o.c. spacing
845	EA	1670	H	<i>Hemerocallis</i>	Daylily			1 GAL.	12" o.c. spacing
384	EA	1670	MC	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass			1 GAL.	18" o.c. spacing
Description									
1370	LF	846		18" CONCRETE CURB					
14.5	SY	848		5" IMPRINTED COLORED CONCRETE					
75	CY	1670		4" TOPSOIL					
64	CY	1670		3" MULCH					

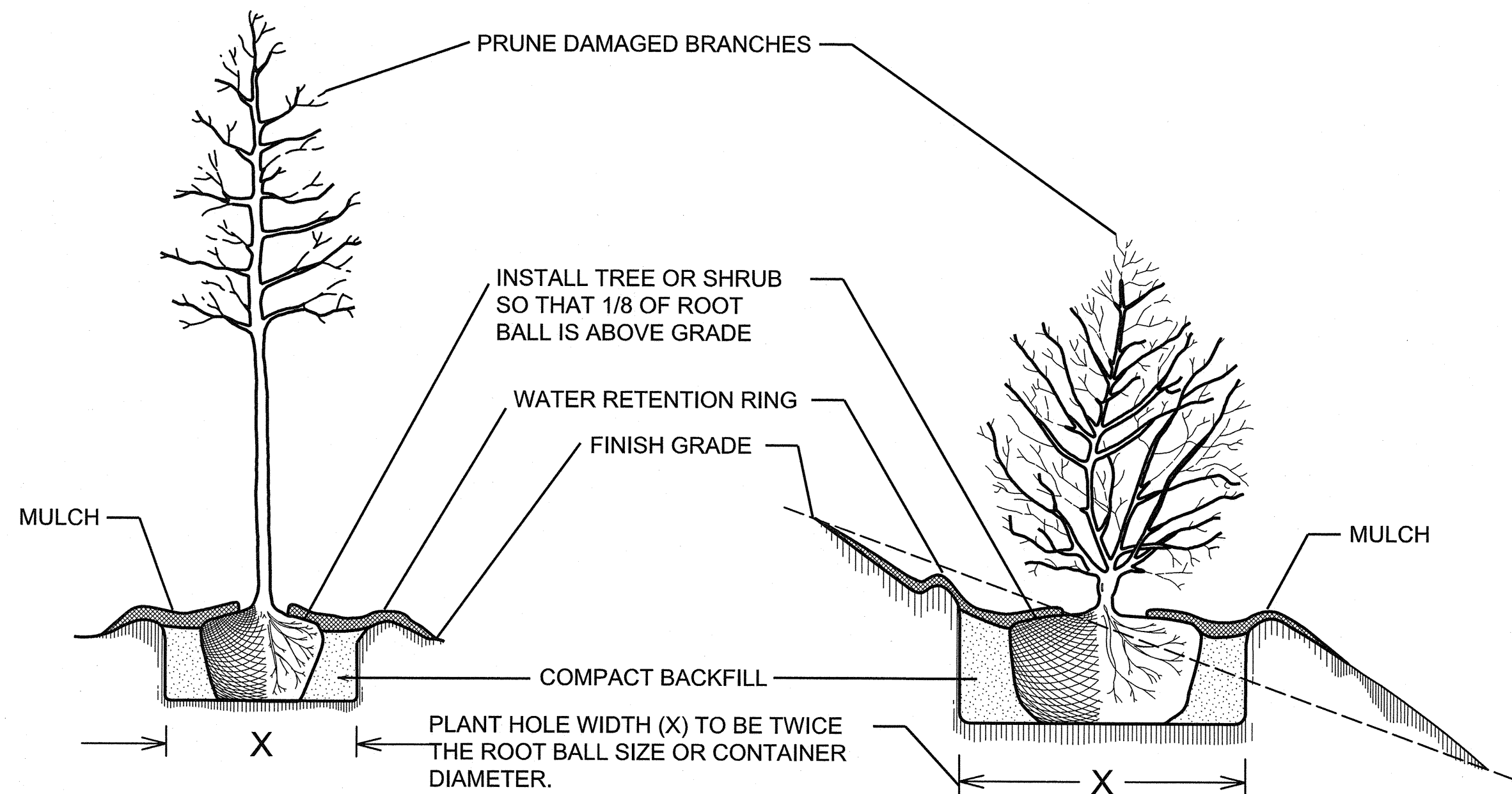
MARINE BLVD LANDSCAPE ENHANCEMENT
City of Jacksonville, North Carolina

PROJECTS 2 and 3 LANDSCAPE PLAN

SCALE: 1" = 20'	REVISED
DATE: 04-17-13	04/22/13
DESIGN BY:	
NIK NIKOLAEV-PLA	

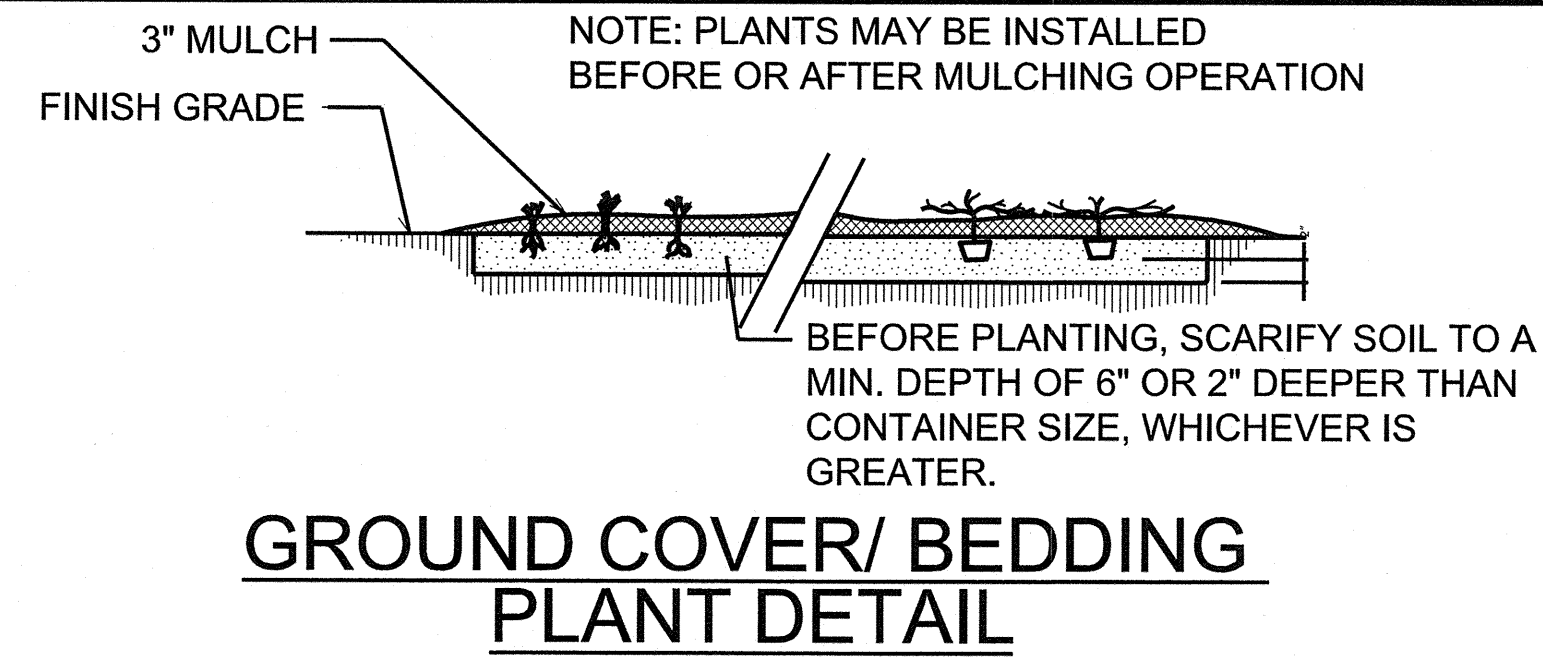


PROJECT 2 AND 3

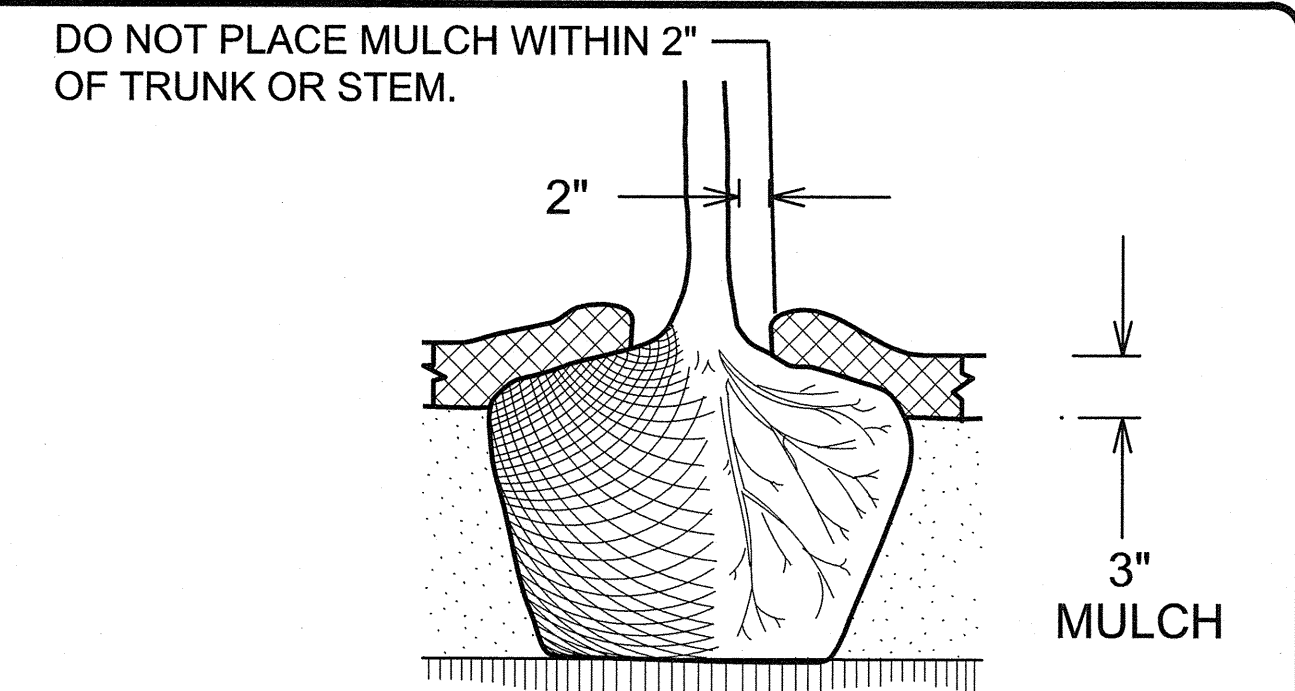


TREE OR SHRUB PLANTING DETAIL
(LEVEL GROUND)

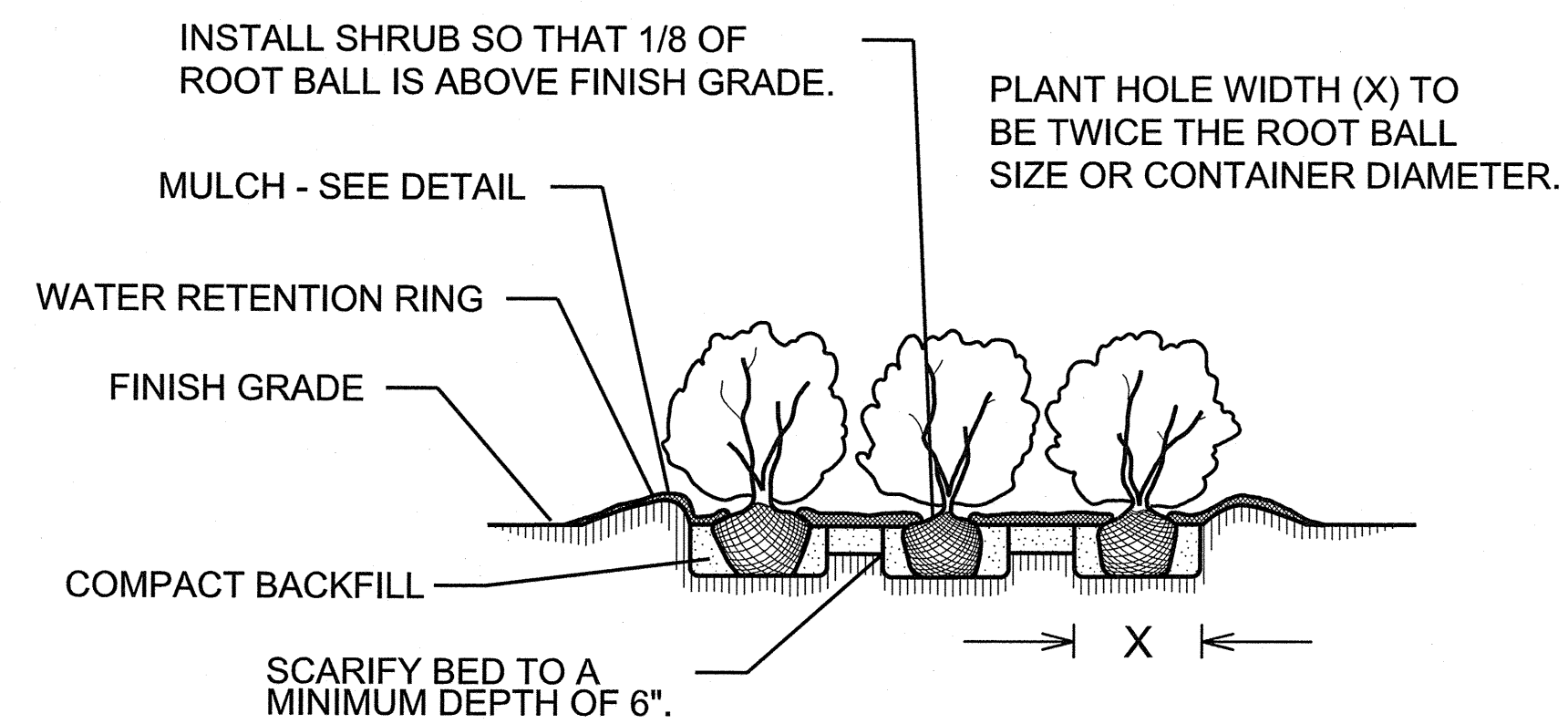
TREE OR SHRUB PLANTING DETAIL
(SLOPING GROUND)



GROUND COVER/ BEDDING
PLANT DETAIL



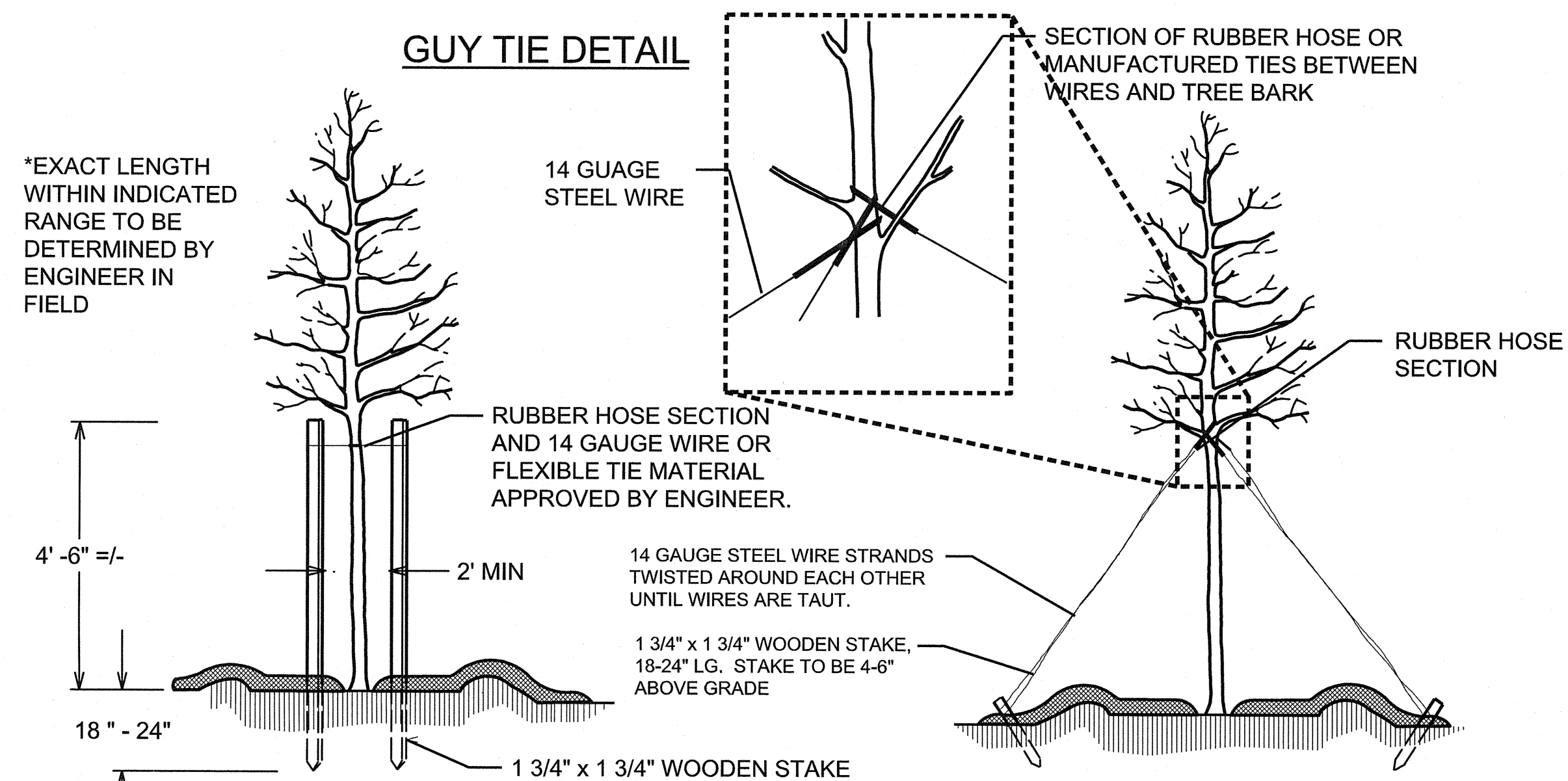
MULCH DETAIL



SHRUB BED PLANTING DETAIL

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 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.



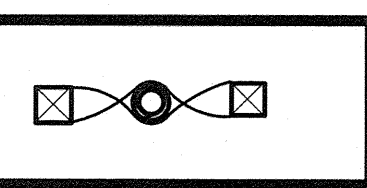
GUY TIE DETAIL

*EXACT LENGTH WITHIN INDICATED RANGE TO BE DETERMINED BY ENGINEER IN FIELD

RUBBER HOSE SECTION AND 14 GAUGE WIRE OR FLEXIBLE TIE MATERIAL APPROVED BY ENGINEER.

14 GAUGE STEEL WIRE STRANDS TWISTED AROUND EACH OTHER UNTIL WIRES ARE TAUT.

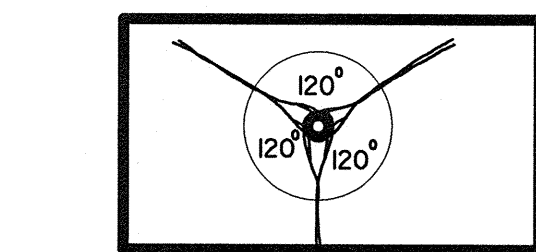
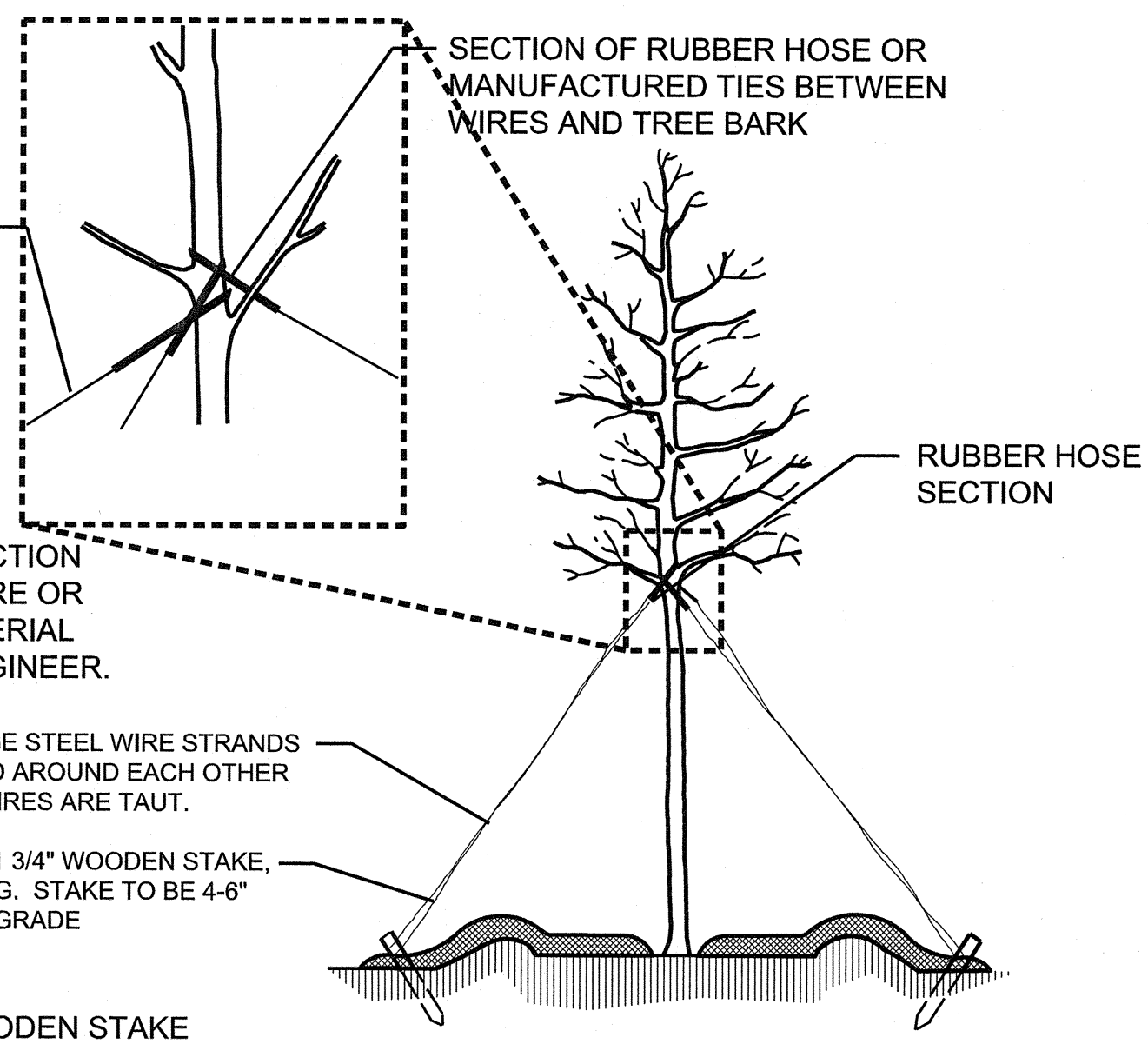
1 3/4" x 1 3/4" WOODEN STAKE, 18-24" LG. STAKE TO BE 4-6" ABOVE GRADE



PLAN VIEW

STAKING DETAIL
(TREES 6'-10')

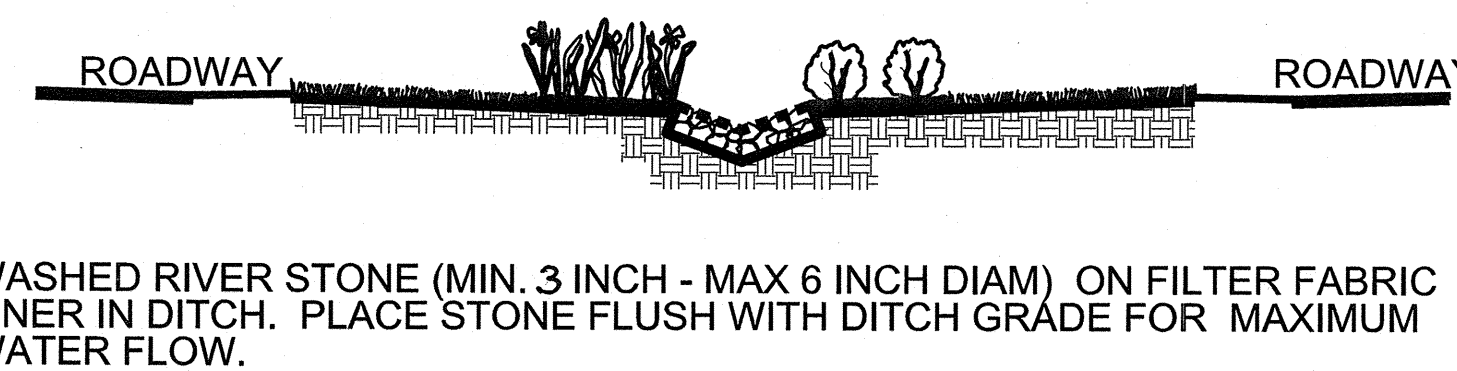
USE AS DIRECTED BY FIELD ENGINEER



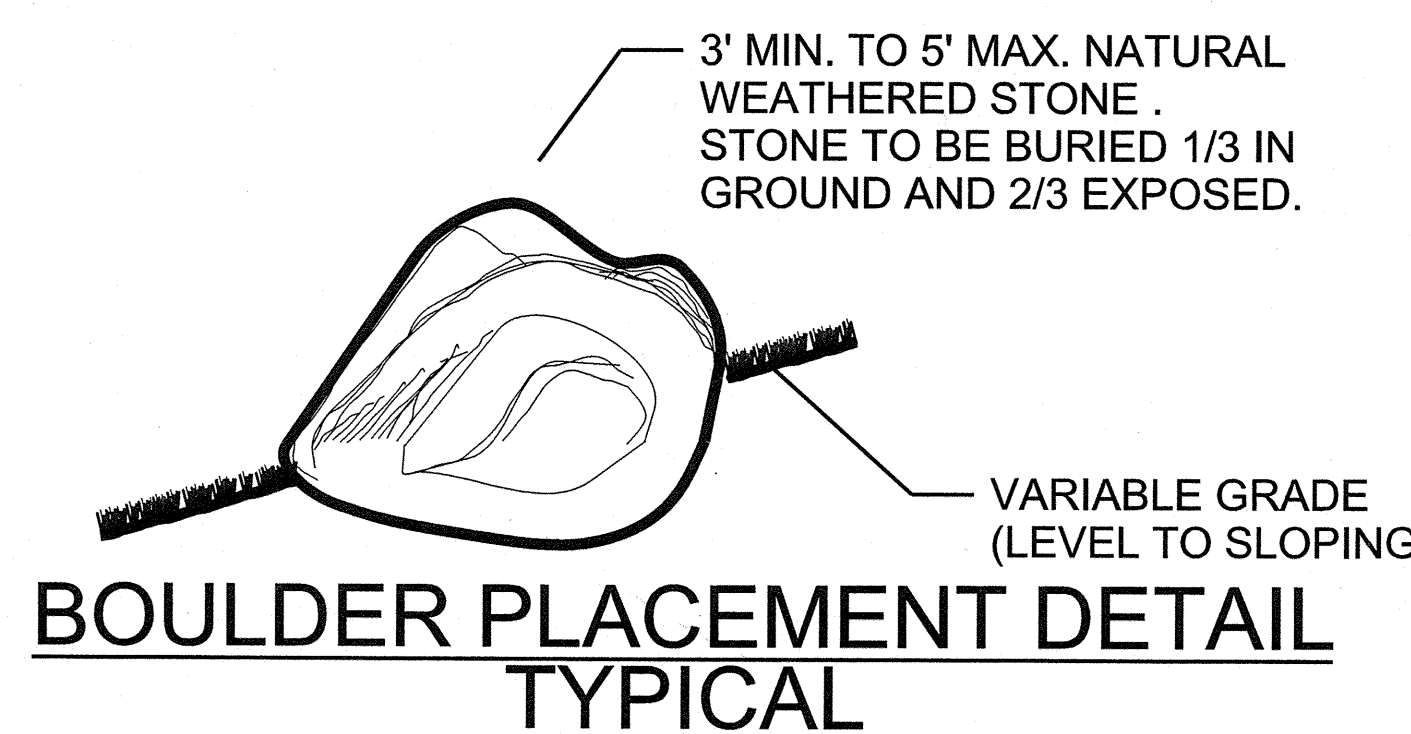
PLAN VIEW

GUYING DETAIL
(TREES 10' OR LARGER)

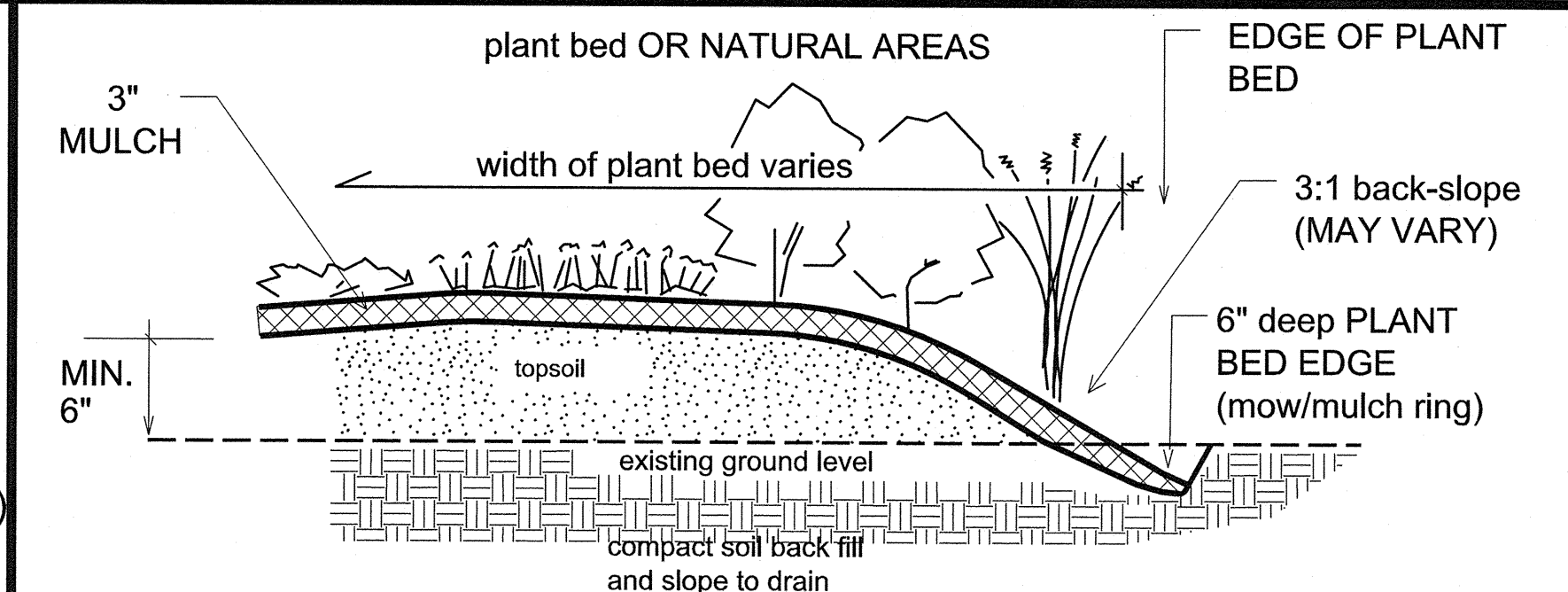
USE AS DIRECTED BY FIELD ENGINEER



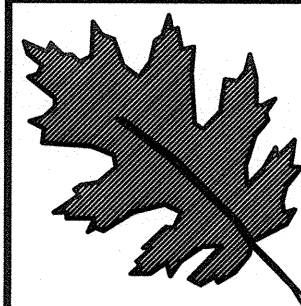
RIVERSTONE
DITCH LINING DETAIL



BOULDER PLACEMENT DETAIL
TYPICAL



PLANT BED EDGE DETAIL

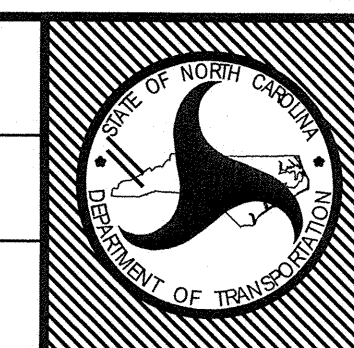


NCDOT - Division 3 - Roadside
Environmental Unit
803 Penderlea Highway Burgaw, NC 28425
Ph: 910-259-4919 Fax: 910-259-2781
Contact: Joe Chance

Jacksonville, North Carolina
Landscape Enhancement Projects
Onslow County
contract #:

prel. design date :
checked by & date : N. NIKOLAEV APRIL 2013
final design date :

Details



T.I.P. #
WBS #
FED I.D. #
sheet no : total sheet no :
L5 6