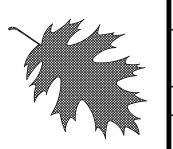
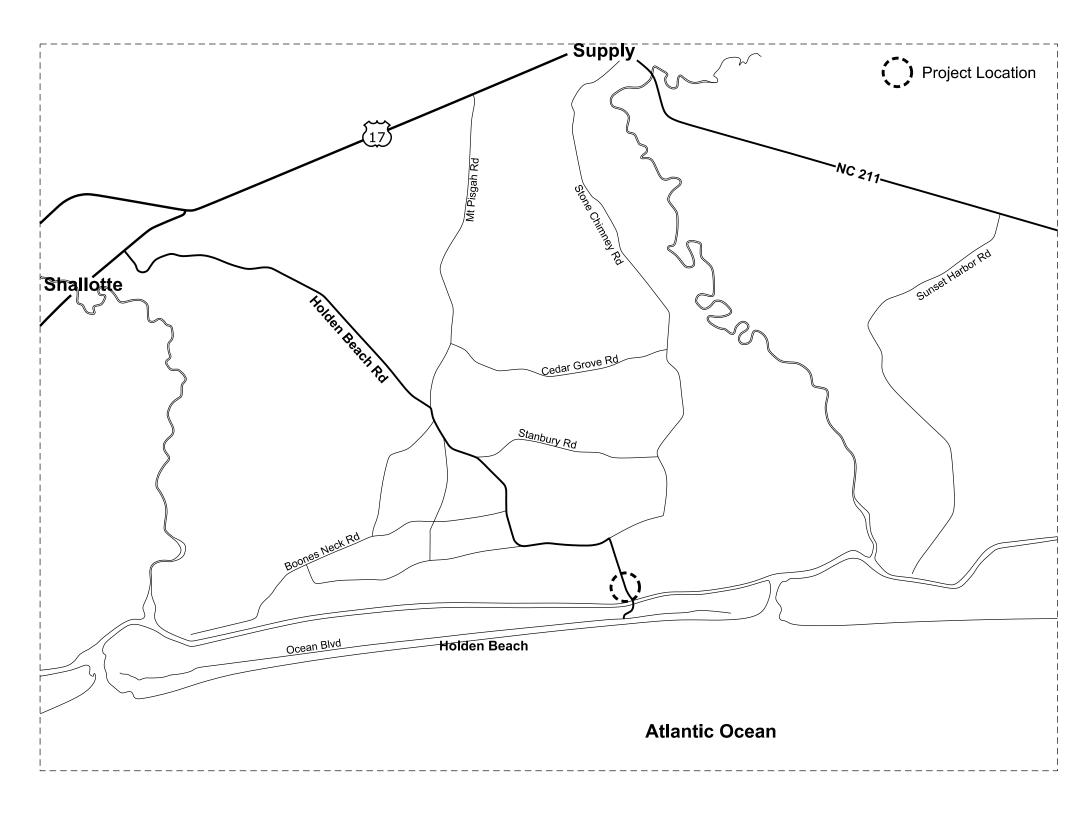
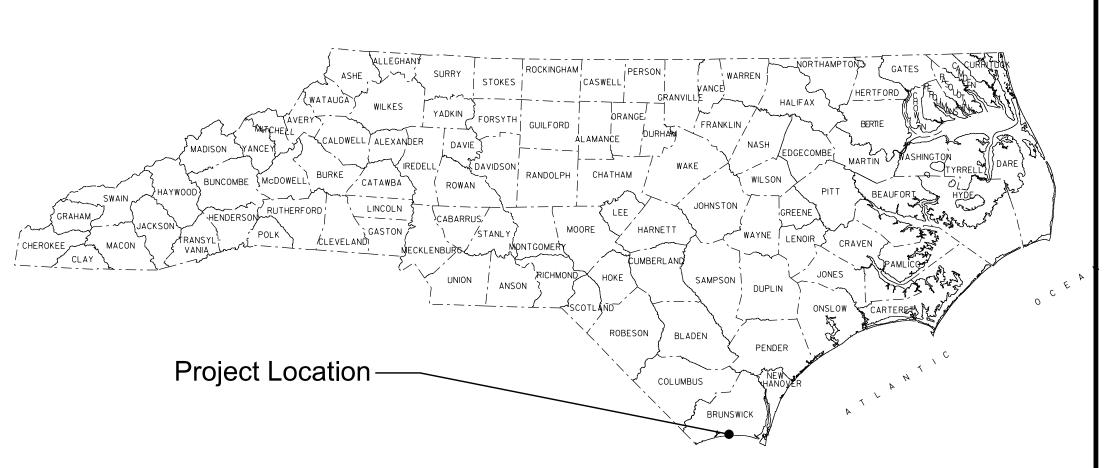


HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



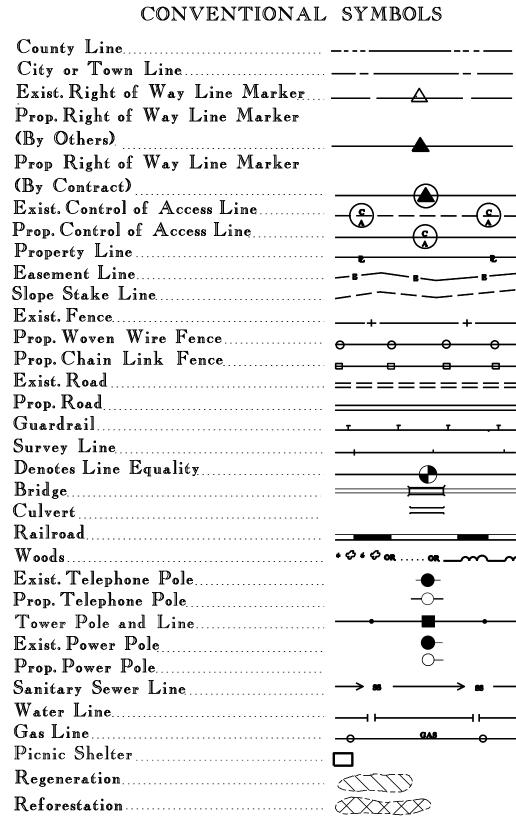
T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
1	3703.3.44	L1	8
FED. PROJ. #	DESCRIPTION	DIVISION	
	Enhancement		3





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	3	еа	BC	Butia capitata	Pindo Palm	5-6'		B&B		As Shown
L	1670	6	еа	SP	Sabal palmetto	Cabbage Palmetto	14'+		B&B		As Shown
					Shrubs						
L	1670	14	еа	CT	Chaenomeles speciosa 'Texas Scarlet'	Red Flowering Quince	18-24"		#3 Cont.	2.2.4	6 canes; 2.5' O.C
L	1670	60	еа	НН	Hypericum x 'Hidcote'	Hidcote St. John's Wort	18-24"		#3 Cont.		2.5' O.C.
L	1670	12	еа	IH	llex crenata 'Helleri'	Heller's Japanese Holly	18-24"		#3 Cont.	4.2.2	As Shown
L	1670	6	ea	IS	llex crenata 'Soft Touch'	Soft Touch Compact Holly	18-24"		#3 Cont.	4.2.2	As Shown
					Grasses/Groundcovers						
L	1670	3308	еа	AG	Andropogon gerardii 'Red October' PPAF	Red Big Bluestem			32/flat	12.4	1' O.C.
L	1670	636	еа	CA	Calamagrostis x acutiflora 'Karl Foerster'	Feather Reed Grass			32/flat	12.4	1.5' O.C.
L	1670	184	еа	MC	Muhlenbergia capillaris	Pink Muhly Grass	18-24"		#3 Cont.	12.4	3' O.C.
L	1670	461	еа	PV	Panicum virgatum 'Heavy Metal'	Heavy Metal Switchgrass			18/flat	12.4	2.5' O.C.
L	1670	2112	ea	SS	Schizachyrium scoparium	Little Bluestem			32/flat	12.4	1.5' O.C.
L	1670	712	ea	SN	Sorghastrum nutans	Indian Grass			32/flat	12.4	2' O.C.
L	1670	4704	еа	SH	Sporobolus heterolepis 'Tara'	Dwarf Prairie Dropseed			32/flat	12.3	1.5' O.C.
г	1670	1089	sqyd	ZO	Zoysia sp. (+10%)	Zoysia			n/a	12.4	As shown
					Perennials/Bulbs						
L	1670	311	еа	DC	Dianthus 'Coral Reef'	Scent First Dianthus			#1 Cont.		1' O.C.
L	1670	250	еа	НВ	Hemerocallis 'Buttered Popcorn'	Buttered Popcorn Daylily			#1 Cont.	12.2.3	2' O.C.
L	1670	284	еа	HS	Hemerocallis 'Stella de oro'	Stella de Oro Daylily			#1 Cont.	12.2.3	2' O.C.
L	1670	11	box	IR	Iris reticulata	Dwarf Dutch Iris			100/box		4/sqft
L	1670	126	box	ND	Narcissus 'Dutch Master'	Dutch Master Trumpet Daffodil			50/box		4/sqft
					Other						
П	1670	406	cuyd		Mulch for New Plant Beds and Trees (+10%)						Depth of 4"
L	1670	51	m/g		Water for Planting						
L	1670	4306	sqyd		Pre emergence Herbicidal Treatment						
L	1670	4306	sqyd		Post emergence Herbicidal Treatment						
	1670	Lump	Sum		Irrigation System	i e e e e e e e e e e e e e e e e e e e					I



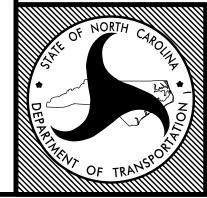
INDEX OF L SHEETS:

- L 1.0 Title Sheet
- L 2.0 Planting Details
- L 3.0 Demolition Plan
- L 4.0 Planting Plan
- L 5.0 Enlarged Plant Groupings
- L 6.0 Irrigation Plan
- L 7.0 Irrigation Specifications
- L 8.0 Irrigation Details

PREPARED BY: KC DATE: 05/27/2015

REVISIONS

DATE	DESCRIPTION



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION LOCATION: Holden Beach Bridge

TYPE of WORK: Enhancement Plan

COUNTY: Brunswick County

2004 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

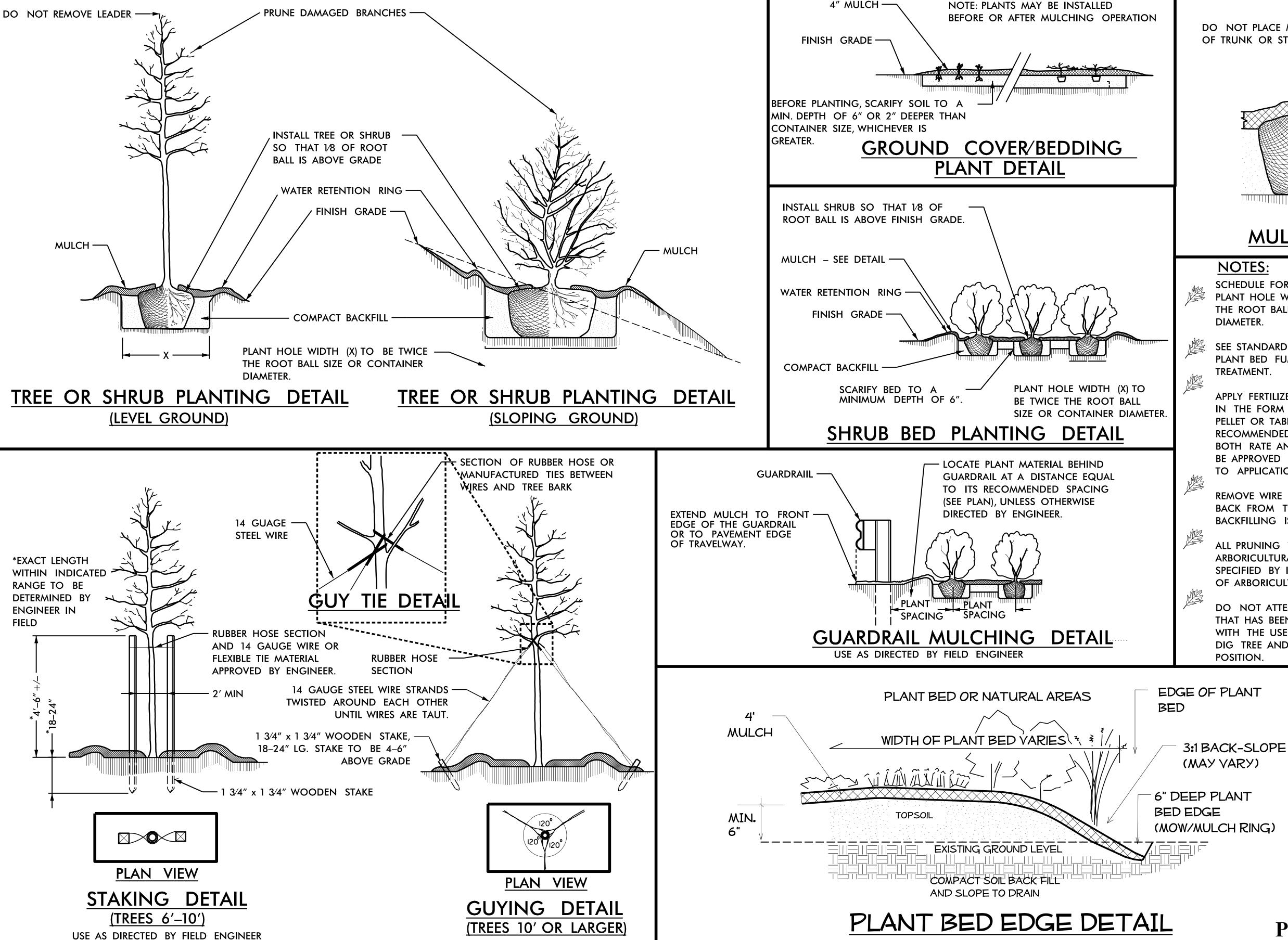
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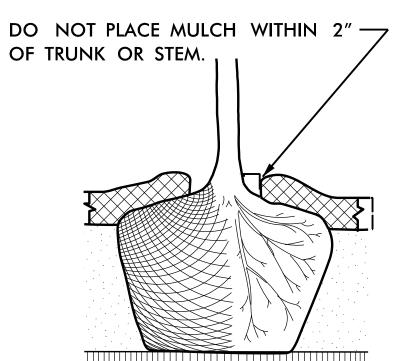
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USE AS DIRECTED BY FIELD ENGINEER



MULCH 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 TREI THAT HAS BEEN PLANTED AT AN ANGLE WITH THE USE OF STAKING OR GUYING. DIG TREE AND REPLANT TO UPRIGHT POSITION.

EDGE OF PLANT

(MAY YARY)

(MOW/MULCH RING)

Planting Details

Transportation

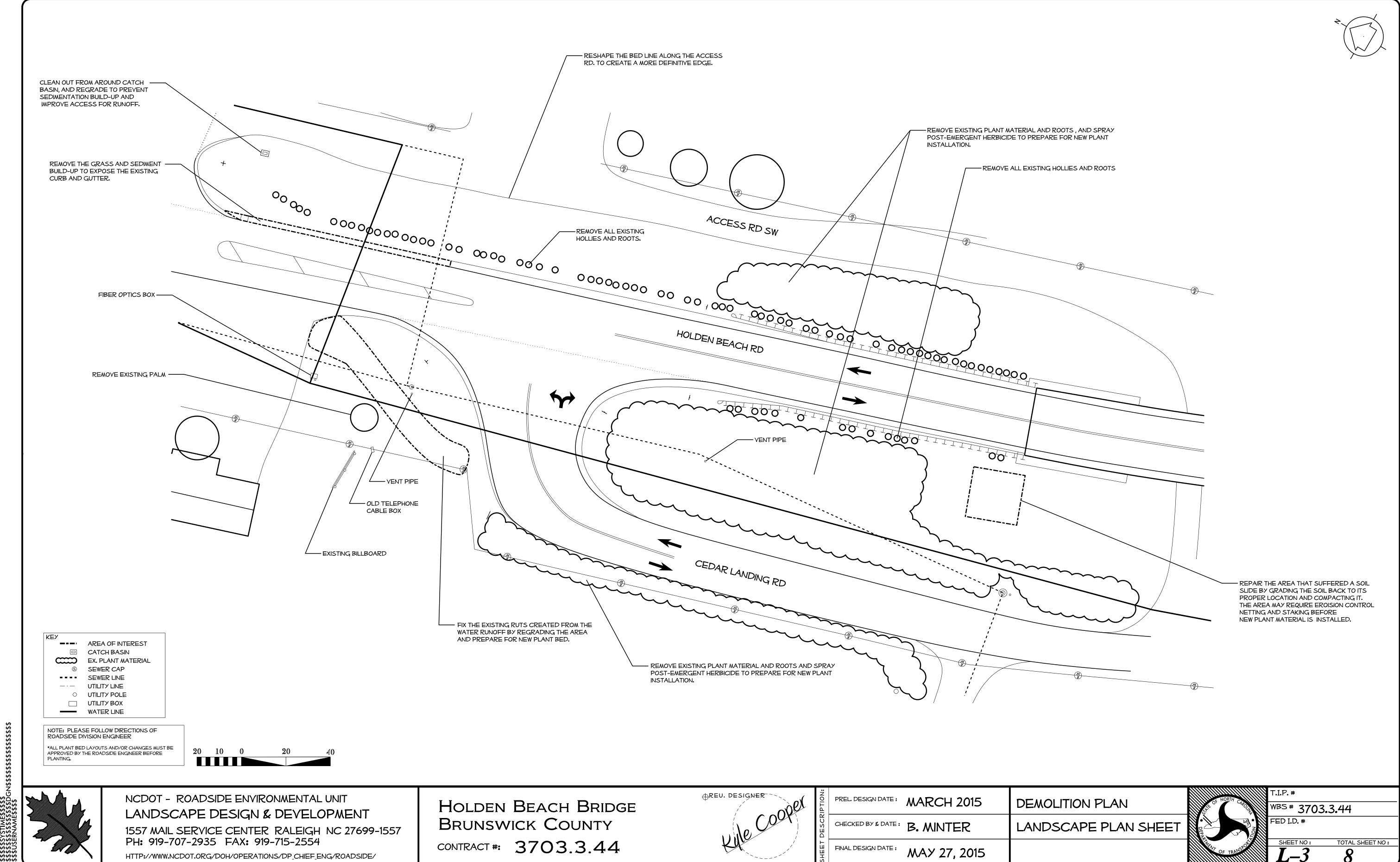
Plans Drawn By Kyle Cooper

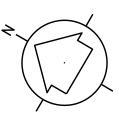
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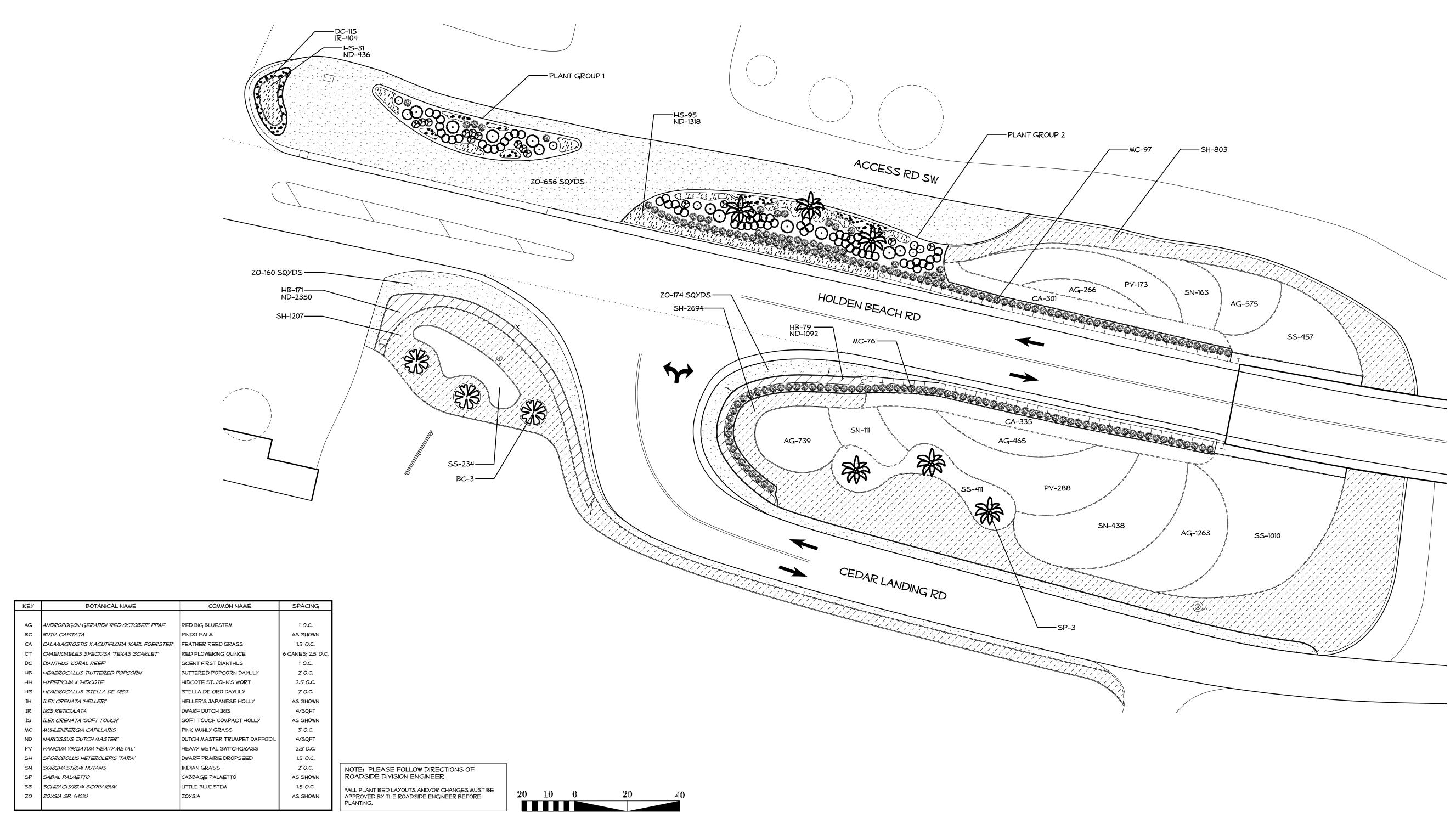
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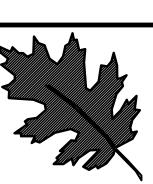
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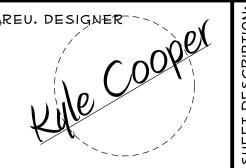
LANDSCAPE DESIGN & DEVELOPMENT

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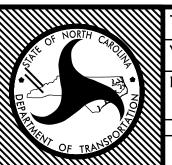
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HOLDEN BEACH BRIDGE BRUNSWICK COUNTY

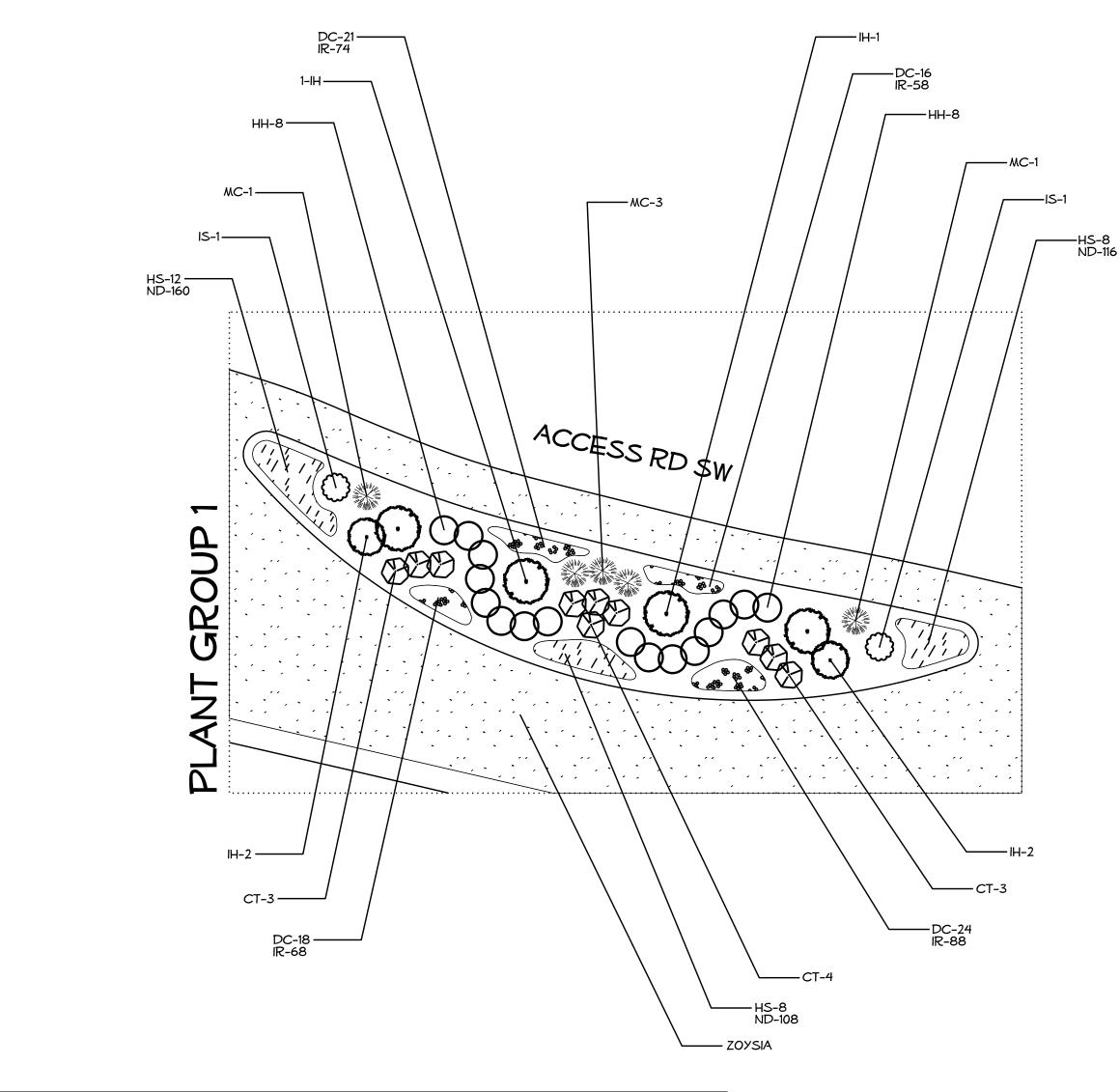
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DESCR	CHECKED BY & DATE:	B. MINTER	LANDSCAPE PLAN SHEET
SHEET	FINAL DESIGN DATE:	MAY 27, 2015	



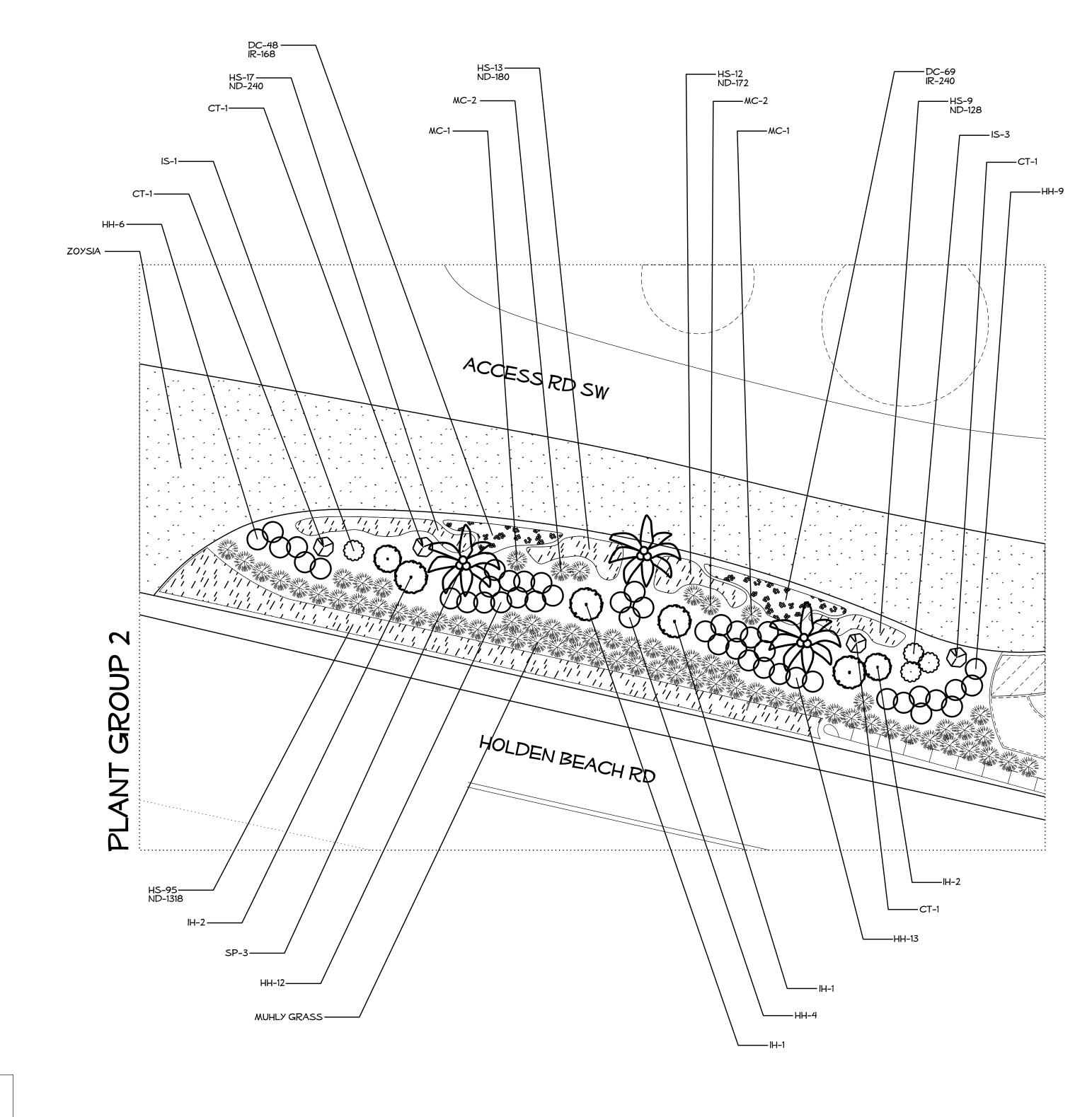
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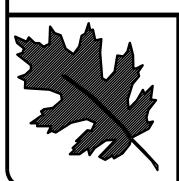


KEY	BOTANICAL NAME	COMMON NAME	SPACING
AG	ANDROPOGON GERARDII 'RED OCTOBER' PPAF	RED BIG BLUESTEM	1' <i>O</i> .C.
BC	BUTIA CAPITATA	PINDO PALM	AS SHOWN
CA	CALAWAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS	1.5' <i>O</i> .C.
СТ	CHAENOMELES SPECIOSA 'TEXAS SCARLET'	RED FLOWERING QUINCE	6 CANES; 2.5' O.C.
DC	DIANTHUS 'CORAL REEF'	SCENT FIRST DIANTHUS	1' O.C.
HB	HEMEROCALLIS 'BUTTERED POPCORN'	BUTTERED POPCORN DAYLILY	2' <i>O.</i> C.
НН	HYPERICUM X 'HIDCOTE'	HIDCOTE ST. JOHN'S WORT	2.5' O.C.
HS	HEMEROCALLIS 'STELLA DE ORO'	STELLA DE ORO DAYLILY	2' <i>O.</i> C.
ΙH	ILEX CRENATA 'HELLERI'	HELLER'S JAPANESE HOLLY	AS SHOWN
IR	IRIS RETICULATA	DWARF DUTCH IRIS	4/SQFT
IS	ILEX CRENATA 'SOFT TOUCH'	SOFT TOUCH COMPACT HOLLY	AS SHOWN
MC	MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	3' <i>O.</i> C.
ND	NARCISSUS 'DUTCH MASTER'	DUTCH MASTER TRUMPET DAFFODIL	4/SQFT
PV	PANICUM VIRGATUM 'HEAVY METAL'	HEAVY METAL SWITCHGRASS	2.5' O.C.
SH	SPOROBOLUS HETEROLEPIS 'TARA'	DWARF PRAIRIE DROPSEED	1.5' <i>O</i> .C.
SN	SORGHASTRUM NUTANS	INDIAN GRASS	2' <i>O.</i> C.
SP	SABAL PALMETTO	CABBAGE PALMETTO	AS SHOWN
SS	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	1.5' <i>O</i> .C.
zo	ZOYSIA SP. (+10%)	ZOYSIA	AS SHOWN

NOTE: PLEASE FOLLOW DIRECTIONS OF ROADSIDE DIVISION ENGINEER

*ALL PLANT BED LAYOUTS AND/OR CHANGES MUST BE APPROVED BY THE ROADSIDE ENGINEER BEFORE





NCDOT - ROADSIDE ENVIRONMENTAL UNIT

LANDSCAPE DESIGN & DEVELOPMENT

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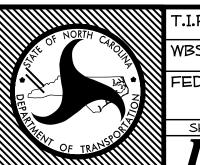
CONTRACT #: 3703.3.44

PLANTING.

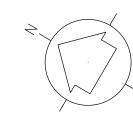
HOLDEN BEACH BRIDGE
BRUNSWICK COUNTY

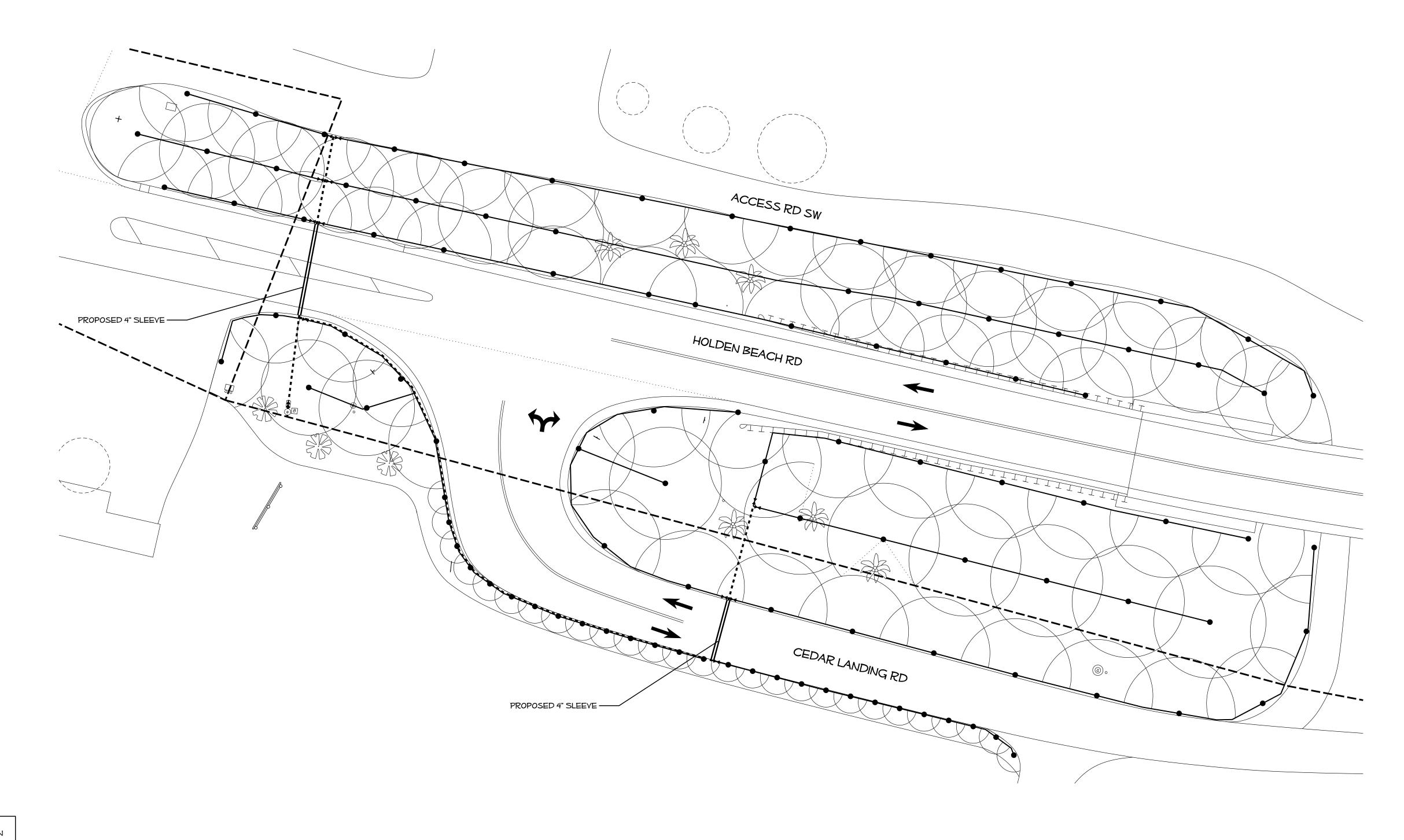


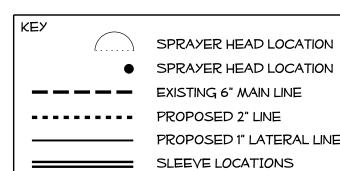
PREL. DESIGN DATE: MARCH 2015	PLANT GROUPINGS
CHECKED BY & DATE: B. MINTER	LANDSCAPE PLAN SHEET
FINAL DESIGN DATE: MAY 27, 2015	



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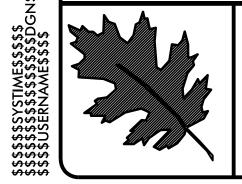






*NOTE:
- IRRIGATION PLAN IS JUST A GUIDE. FIELD ADJUSTMENTS MAY BE REQUIRED.
- PLEASE FOLLOW DIRECTIONS OF THE ROADSIDE ENGINEER.
- DO NOT ALLOW FOR HEADS TO DIRECTLY SPRAY AROUND PALM TREES.





NCDOT - ROADSIDE ENVIRONMENTAL UNIT LANDSCAPE DESIGN & DEVELOPMENT

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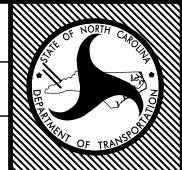
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HOLDEN BEACH BRIDGE BRUNSWICK COUNTY

CONTRACT #: 3703.3.44



PREL DESIGN DATE: MARCH 2015	IRRIGATION PLAN
CHECKED BY & DATE: B. MINTER	LANDSCAPE PLAN SHEET
FINAL DESIGN DATE: MAY 27, 2015	



T.I.P. #

WBS # 3703.3.44

FED I.D. #

SHEET NO: TOTAL SHEET NO:

IRRIGATION NOTES & LEGEND

*IRRIGATION CONTRACTOR MUST BE LICENSED BY THE BOARD UNDER CHAPTER (2008-177, S.1; 2013-383, S.3)

*ALL MATERIALS MAY BE OF COMPARABLE MANUFACTURE AND PERFORMANCE TO BRAND NAMED

PIPE

MINIMUM DEPTH OF COVER OVER LATERAL PIPING TO BE 12" LATERAL PIPING SIZING SCHEDULE SUMMATION OF GALLONAGE DEMAND ON THE PARTICULAR BRANCHES OF PIPE WITHIN A CONTROL SECTION SHALL BE DETERMINED BY USING THE GPM FOR A NOZZLE BASED ON A 50 PSI BASE OF HEAD PRESSURE AND FULL RADIUS AT THAT PRESSURE AS REPORTED IN THE TORO 2010 IRRIGATION PRODUCTS CATALOG. PIPE SIZES FOR THE LATERALS SHALL BE AS FOLLOWS: - ZERO TO FIFTEEN GPM ACCUMULATED FLOW USE 1" PR 200 PYC PIPE - GREATER THAN FIFTEEN UP TO THIRTY-FIVE GPM USE 1-1/2" PR 200 PVC

- PR 200 MAIN LINE PIPING. - SIZE OF PIPE TO BE 1-1/2" IN MINIMUM - DEPTH OF COVER MAINLINE PIPING TO BE

-FRICTION LOSS ALLOWANCES FOR THIS

ABOVE FLOW RANGES AND DEMANDS.

PROJECT HAVE BEEN DETERMINED USING THE

- PIPING SHALL BE PR 200 SOLVENT WELD PVC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTING UNLESS OTHERWISE NOTED. - ALL PIPING RUNS SHALL BE "SNAKED" IN THE TRENCH DURING INSTALLATION TO PREVENT EXCESSIVE STRAIN DUE TO THERMAL EXPANSION OR CONTRACTION. - THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGING PLANTINGS (INCLUDING ROOTS) DURING INSTALLATION OF THE IRRIGATION SYSTEM AND SHALL COORDINATE HIS EFFORTS WITH THE LANDSCAPE CONTRACTOR SO AS TO OPTIMIZE THE EFFICIENCY AND THE AESTHETIC QUALITY OF THE INSTALLATION.

DRIP IRRIGATION

- DRIP IRRIGATION IS TO BE TORO NETAFIM TECHLINE "P.E. TUBING (OR COMPARABLE MANUFACTURE AND PERFORMANCE), 18" EMITTER SPACING INTERVALS AT 1 GPM EMITTERS INLINE. APPROVED INLINE EMITTER DRIPLINE /TECHLINE TO BE INSTALLED UNDER MULCH IN LANDSCAPE AREAS AS SHOWN ON THE IRRIGATION PLAN. - LOCATION OF DRIP VALVE ASSEMBLY WHICH INCLUDES 250 SERIES REMOTE CONTROL VALVE WITH FLOW CONTROL FEATURE, INLINE EMITTER DRIPLINE /TECHLINE 200 MESH FILTER #DF150-140, AND INLINE EMITTER DRIPLINE /TECHLINE PRESSURE REGULATOR #PVR15045. FLOW CONTROLVALVES SHALL BE AS NOTED ON BOXES WITH LIDS MOUNTED AT GRADE LEVEL. - MIN. 2 EMITTERS PER SHRUB AND 3 EMITTERS PER TREE.

VALVES:

- MAY BE OF COMPARABLE MANUFACTURE AND PERFORMANCE TO BRAND NAMED

LOCATION OF ELECTRIC 24 V.A.C. REMOTE CONTROL VALVE WITH FLOW CONTROL FEATURE (MODEL #TPYF100DC SOLENOIDS.). - ALL IN-LINE REMOTE CONTOL YALVES SHALL BE INSTALLED IN CARSON VALVE BOXES WITH LIDS MOUNTED AT GRADE LEVEL. SINGLE VALVES MAY BE INSTALLED IN A CARSON MODEL #910-1 VALVE BOX WITH COVER, WHILE MULTIPLE VALVES (UP TO. TWO 1" VALVES OR ONE, 1-1/2" SHALL BE INSTALLED IN CARSON MODEL #1419-1 BOX WITH #1419-2 COVER.

BACKFLOW PREVENTION -

- REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY WHICH SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR. THE BACKFLOW SHALL BE 1" IN SIZE. THE BACKFLOW ASSEMBLY SHALL BE INSTALLED DOWNSTREAM OF THE IRRIGATION METER. THE UNIT MUST BE INSTALLED IN ACCORDANCE WITH ALL LOCAL AND STATE CODE REQUIREMENTS AND SHALL HAVE AN APPOYED COYER.

WATER SUPPLY/METER

OF THE IRRIGATION METER

- THE METER SHALL BE THE OWNER'S RESPONSIBILTY. - THE METER IS 1" IN SIZE. SINCE THE WATER SUPPLY FOR THE SYSTEM SHALL BE POTABLE WATER, THE CONTRACTOR WILL BE REQUIRED TO INSTALL BACKFLOW PREVENTION DEVICE WHICH WILL BE LOCATED DOWNSTREAM
- THIS IRRIGATION SYSTEM SHALL BE CAPABLE OF DELIVERING 33 GPM MINIMUM WITH ONE CONTROL STATION OPERATING AT A TIME AT 75 PSI AT THE BASE OF THE HEAD FOR OPTIMUM PERFORMANCE OF THE IRRIGATION SYSTEM.

CONTROLLER:

- MAY BE OF COMPARABLE MANUFACTURE AND PERFORMANCE TO BRAND NAMED

THE CONTROLLER SHALL BE CUSTOM COMMAND (DDCWP-6-9V SERIES) SOLID STATE UNIT. THE CONTROLLER SHALL INCORPORATE 24 V.A.C. APPROXIMATE LOCATION APPROVED BY THE NCDOT ENGINEER. - BATTERY OPERATED CONTROLLER IS TO BE PLACED IN CARSON VALVE BOXES MODEL #910-1 VAVLE WITH #910-2 COVER. - ALL 120 VAC WIRING SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE ELECTRICAL CODE REQUIREMENTS. - THE CONTRACTOR SHALL INSTALL A WIRED RAIN SENSOR (COMPATABLE MAKE/MODEL AS THE CONTROLLER).

SLEEVING

SLEEVES SHALL BE 3" PVC FOR 24 VAC WIRING PER ELECTRICAL CODE. THE IRRIGATION CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE IRRIGATION SYSTEM WITH THE LANDSCAPE CONTRACTOR TO INSURE PROPER INSTALLATION OF BOTH THE IRRIGATION SYSTEM WITH THE LANDSCAPE AND HARDSCAPE.

24 VAC CONTROL WIRING

ALL 24 V.A.C. CONTROL WIRING SHALL BE SINGLE STRAND COPPER WIRE WITH POLYETHYLENE PE DIRECT BURIAL INSULATION RATED FOR 300 V.A.C. VALVE "COMMON" WIRES SHALL HAVE WHITE INSULATION WHILE VALVE "HOT" WIRES SHALL HAVE INSULATION RED IN COLOR, THE "COMMON" WIRES SHALL BE #14 AWG. "HOT" WIRES SHALL BE #14 AWG. VALVE WIRING SHALL FOLLOW MAINLINE PIPING WHERE FEASIBLE AND SHALL BE LAID IN A COMMON TRENCHLINE WITH THE MAINLINE PIPING AND IN THE BOTTOM OF THE TRENCH. WIRING SHALL BE "BUNDLED" AND TAPED AT INTERVALS OF APPROXIMATELY TEN FEET. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS. - WIRE SPLICES SHALL BE KEPT TO AN ABSOLUTE MINIMUM. WHERE MAJOR CONCENTRATIONS OF SPLICES ARE NECESSARY SAID SPLICES SHALL BE PLACED IN A APPROVED VALVE BOX, WITH #910-2 COVER INSTALLED AT GRADE LEVEL. SPLICES AT VALVE LOCATIONS SHALL BE MADE INSIDE OF THE VALVE BOX. ALL SPLICE LOCATIONS SHALL BE NOTED ON THE AS BUILT PLAN. - WIRE RUNS SHALL BE INSTALLED WITH ENOUGH SLACK AND / OR OCCASIONAL EXPANSION LOOPS TO PREVENT EXCESSIVE STRAIN DUE TO THERMAL CONTRACTION. - ALL WIRE SPLICES SHALL BE MADE USING UL APPROVED DIRECT BURIAL CONNECTORS AND WATERPROOFING MATERIALS. ALL ELECTRICAL WORK SHALL BE INSTALLED ACCORDING TO CODE.

HEADS:

-MAY BE OF COMPARABLE MANUFACTURE AND PERFORMANCE TO BRAND NAME.

-HUNTER, TORO, OR RAINBIRD SERIES PRO-SPRAY POP-UPS WITH 12" POP-UP SPRINKER HEAD FITTED WITH PRO ADJUSTABLE 6A, 17A, AND 20A SERIES SPRAY NOZZLE. - ALL HEADS WITH A 12" POP-UP STROKE, IF INSTALLED WITH LESS THAN 1/3 OF THE SPRINKLER BODY EXPOSED ABVE GRADE. SHALL BE INSTALLED ON POLYETHYLENE FLEX SWING JOINTS POLY PIPE FITTED WITH (%" INSERT BY 5" M.P.T. AND/OR 36" INSERT BY ¾" M.P.T.) ELBOWS, IF GREATER THAN 1/4 OF

HEADS: CONT.

THE SPRINKLER BODY IS EXPOSED, THEN THE 12" POP-UP HEAD SHALL BE MOUNTED ON A SCHEDULE 40 PVC PIPE RISER AS DESRCIBED BELOW IN RELATION TO MOUNTING SHRUB HEAD MODELS. IN MOUNTING 12" POP-UP HEADS ON SHRUB TYPE RISERS, CARE SHALL BE TAKEN TO INSTALL THE HEAD IN SUCH A MANNER THAT SURROUNDING PLANT MATERIAL (PLANNED OR EXISTING) WILL HIDE THE BODY OF THE SPRINKLER. - ALL POP-UP IRRIGATION HEADS DESIGNED ADJACENT TO CURBS OR PAYEMENT SHALL BE INSTALLED WITH A CLEARANCE OF 11#2" FROM THE EDGES OF ALL PAVED AREAS TO PROVIDE FOR EDGING AND MAINTENANCE OPERATIONS. HEADS INSTALLED ON SHRUB RISERS OR WITH THE TOP OF THE HEAD MORE THAN 1#2" ABOVE THE GRADE SHALL BE INSTALLED WITH A MINIMUM 6" CLEARANCEFROM PAVED AREAS. - ALL THREADED PIPE CONNECTIONS SHALL BE ASSEMBLED USING TEFLON THREAD SEALING TAPE.

GENERAL NOTES

- PLACES VALVES (BOXES) IN PLANT BEDS WHERE-EVER POSSIBLE.
- CONTRACTOR IS TO MINIMIZE DISTURBANCE IN SOD AREA (CUT AND REPLACE SOD). - PLACE PRESSURE REDUCING VALVE IN
- DISCREET LOCATION. - THE IRRIGATION SYSTEM IS DISPLAYED SCHEMATIC IN NATURE. THE IRRIGATION CONTRACTOR MAY BE REQUIRED TO MAKE MINOR ADJUSTMENTS IN THE FIELD. THESE MINOR ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER BUT SHALL
- BE MADE ONLY AFTER NOTIFICATION IS MADE TO OWNER (NC DOT). - THE CONTRACTOR SHALL FAMILIARIZE
- HIMSELF WITH THE SITE SO THAT HE IS AWARE OF ANYSPECIAL CONDITIONS WHICH EXIST THAT MAY AFFECT HIS BID PROPOSAL AND SHALL HEREAFTER BE RESPONSIBLE FOR ALL COST INCURRED BY HIMSELF IN RELATION TO THE INSTALLATION. - ALL IRRIGATION PRODUCTS ARE TO BE
- TORO, HUNTER, RAINBIRD OR COMPARABLE BRAND (AS APPROVED BY THE ENGINEER).
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING 'AS BUILT' PLANS TO THE OWNER (NCDOT) AT THE TIME OF PROJECT APPROVAL. THE PLANS SHALL BE CLEAR, CONCISE, AND SHOW ALL ELEMENTS OF THE IRRIGATION SYSTEM, THE LOCATION OF ALL EQUIPMENT, IRRIGATION LINES, NUMBERED ZONES, CONTROLLER(S), HEADS AND VALVES.



NCDOT - ROADSIDE ENVIRONMENTAL UNIT LANDSCAPE DESIGN & DEVELOPMENT

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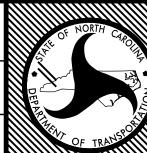
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HOLDEN BEACH BRIDGE Brunswick County

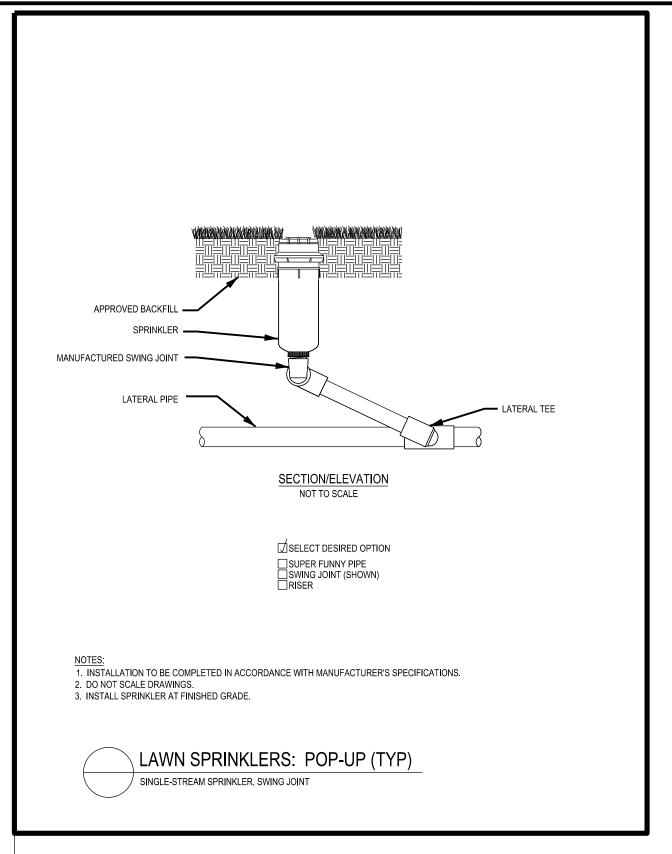
CONTRACT #: 3703.3.44

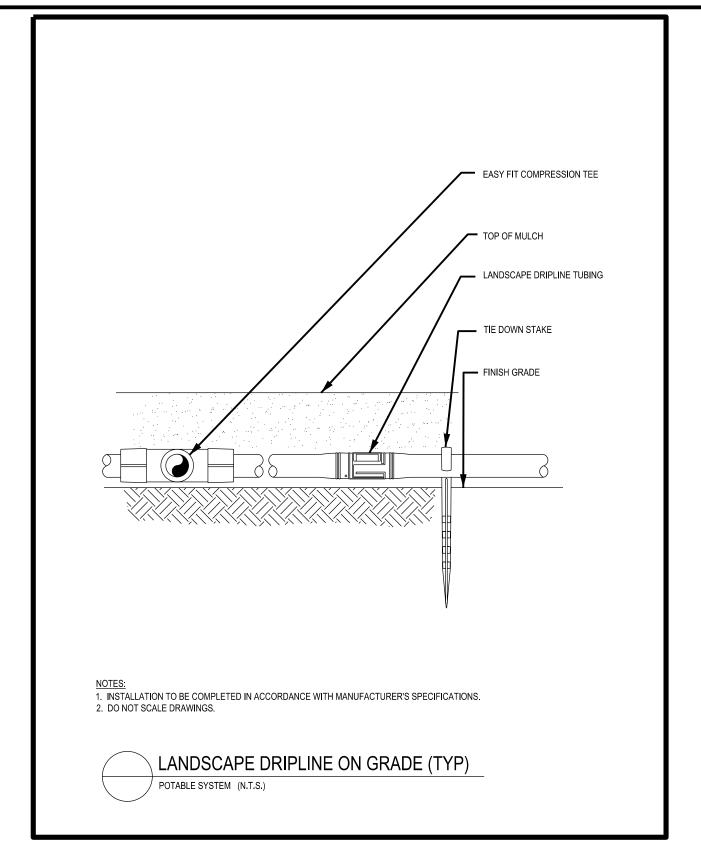
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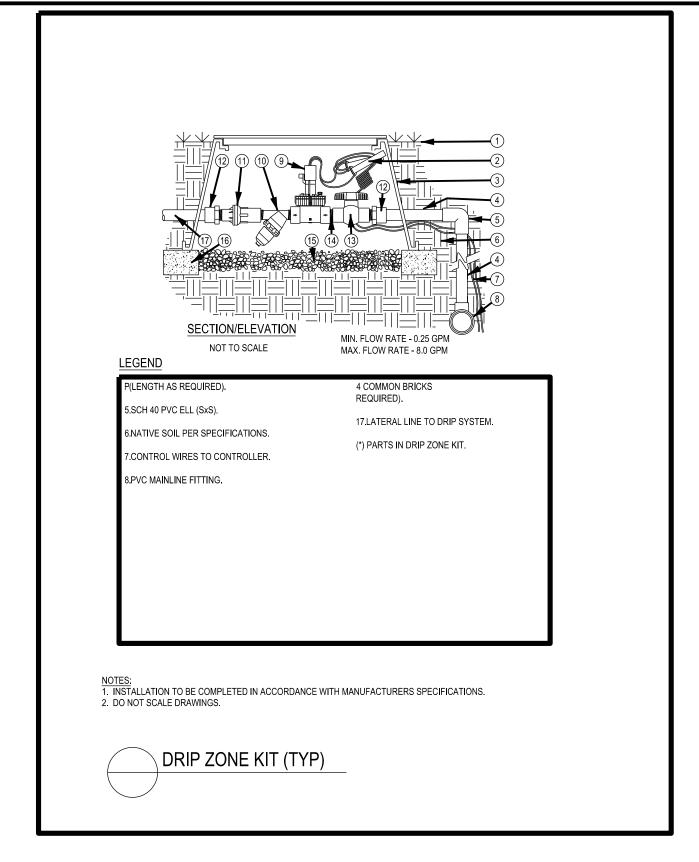
IPTION:	PREL. DESIGN DATE:	MARCH 2015	IRRIGATION SPECS
DESCR	CHECKED BY & DATE:	B. MINTER	SPECS. SHEET
неет	FINAL DESIGN DATE:	MAY 27, 2015	

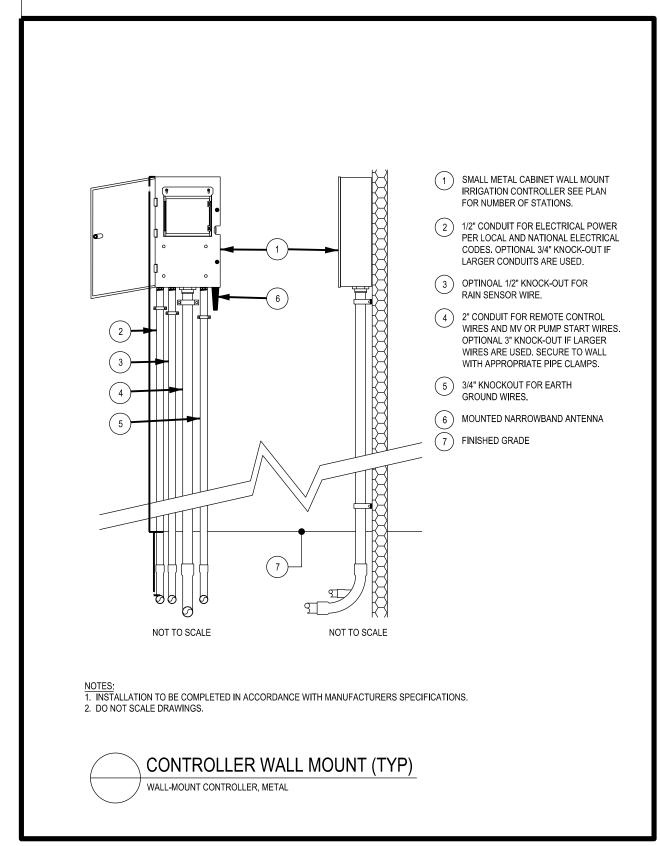


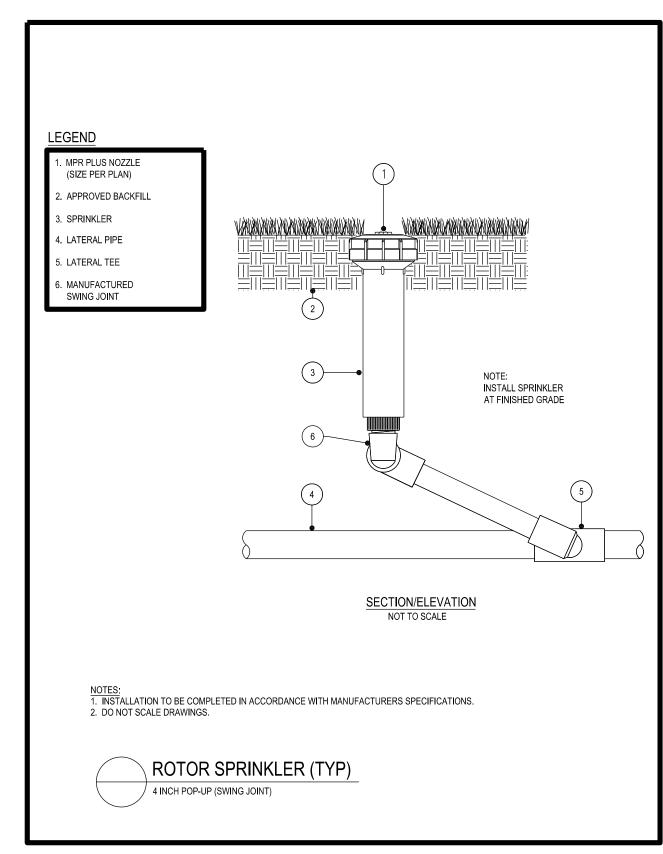
T.I.P. # NBS # 3703.3.44 ED I.D. # TOTAL SHEET NO:

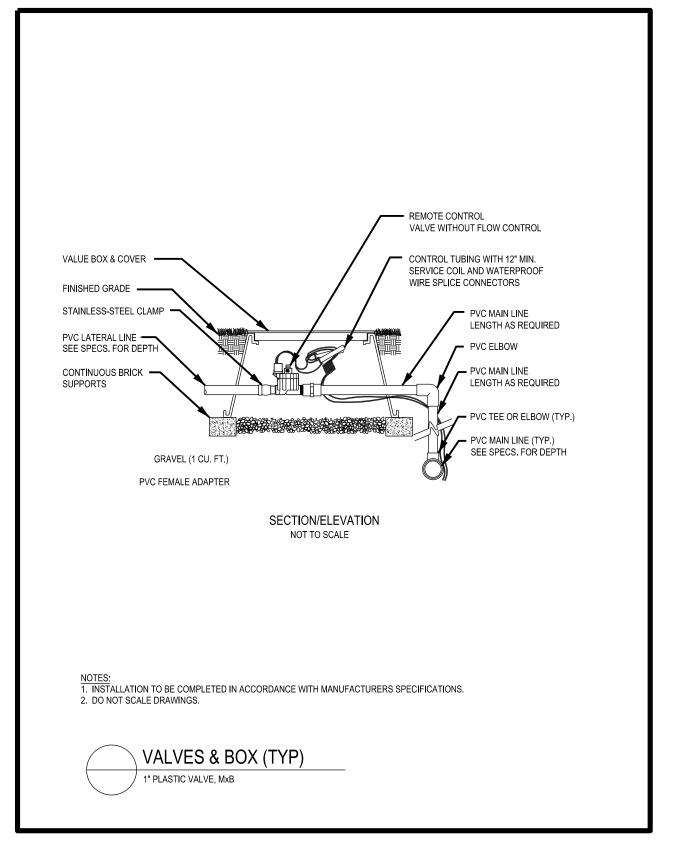


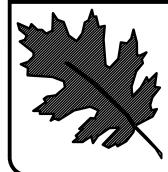












NCDOT - ROADSIDE ENVIRONMENTAL UNIT

LANDSCAPE DESIGN & DEVELOPMENT

1557 MAIL SERVICE CENTER, RAI EIGH, NC. 27699-19

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HOLDEN BEACH BRIDGE
BRUNSWICK COUNTY

CONTRACT #: 3703.3.44



IPTION:	PREL. DESIGN DATE:	MARCH 2015	IRRIGATION DEATILS
DESCR	CHECKED BY & DATE:	B. MINTER	SPECS. SHEET
SHEET	FINAL DESIGN DATE:	MAY 27, 2015	



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