COMPUTED	BY:		RBR DATE: 6/15/2018																																										PROJECT I	NO.		SHEET							
CHECKED BY:		ECOLOGICAL ENGINEERING, LLP DATE: 6/15/2018						NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS																		U-4405	5		3D-4																										
Note:	nvert Ele See "Sta	vations ndard S	indicat pecifica	ed ar	e for s For	Bid I Road	Purpo ds an	oses Id Str	only uctu	and sures, S	shall Section	not on 3	be us 00-5"									ıt.						OF						VCI	<u>HE</u> S	<u>S &</u>	: O1	/ER	<u>?) </u>							T					TABBR	REVIATIO	NS		
LINE & STATION	FSET	STRUCTURE NUMBER				SLOPE				R. C. PIPE CLASS III				R. C. PIPE CLASS IV			R. C. PIPE CLASS V		:	STRUCTURAL PLATE PIPE		CONTRACTOR DESIGN	CONTRACTOR DE	, CONTRACTOR DESIGN	1" THICK, GRADE B IN	1" THICK, GRADE B NOT	0.875" THICK, GRA	0.875" THICK, GRADE B	RCED ENDWALLS	DRAINAGE STRUCTURE	QUANTITIES FOR DRAINAG STRUCTURES NOTE: TOTAL LIN. FT. FOR PAY QUANTITY SHALL BE A + (1.3 X B)		FT. Y Y	,	FRAME, GRATES, AND HOOD STD. 840.03		. 852.06 CONCRETE TRANSITIONAL SECTION	. 840.15 SSTD 840.16	<u> </u>	0.52, OR STD. 840.53 R STD. 840.54	. CL. "B" STD. 840.72		C.A. C.B. C.S. D.I. G.D. H.D. J.B.	.A. COR . CATO . COR DRO .I. GRA .P.E. HIGH	CORRUGATED ALL CATCH BASIN CORRUGATED STE DROP INLET GRATED DROP INL HIGH DENSITY POI JUNCTION BOX MANHOLE										
SIZE	ō		Z C	NOITA	NOIT	NIMUM REQUIF	54 60 66				5	54 60 66 72		66 72 78 84		54	60 60	6 72	78	78 84	54	60	66 72	78	84	60	66 72	2	CULVERTS	CULVERTS,	ÆRTS	L PIPE	STEEL PIPE	L PIPE	EL PIPE	REINFOR		Α		В	R STD			RSTD	R STD	R STI	TD. 84	LLARS		N.S. P.V.	P.V.C. POLYVINYL CHLORIDE				
THICKNESS OR GAUGE		FROM	TOP ELEVATIO	INVERT ELEVA	INVERT ELEVA		MINIMUM REQUIE			USE	DO NOT USE CSP DO NOT USE CAA	USE	USE																		C. PIPE	C. PIPE	#" R.C. PIPE CULVERTS,	" WELDED STEEL PIPE	OIL :" WELDED STEE	SOIL 60" WELDED STEE	ELDED STE I SOIL	•	MASONRY	HO O' THRU 5'	5' THRU 10'	10' AND ABOVE	B. STD. 840.01 O	GRAT TYPE	Ē	D.I. STD. 852.04 O C.B. STD. 852.05	0.1. STD. 840.14 O	.B. STD. 840.31 C	H. STD. 840.51, S I.H. FRAME AND	CONCRETE COI	PIPE REMOVA	W.S.	.D.I. TRAI .J.B. TRAI 6. WIDI	NFORCED (IFFIC BEAR IFFIC BEAR E SLOT	RING DROP
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