COMPUTED BY:	MJB	DATE:	7/26/2023
CHECKED BY:	RBH	DATE:	7/26/2023
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NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

PROJECT REFERENCE NO. 1-5972 3D-3

Note: Invert Elevations indicated are for Information Purposes only and should be verified by the contractor for project construction stakeout. See "Standard Specifications for Roads and Structures, Section 300-5."

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48" & UNDER)

LINE & STATION	ET	STRUCTURE NO.	ATION	EVATION	EVATION UIRED SLOPE		SIDE DRAIN PIPE (RCP, CSP, CAAP, HDPE, PP or PVC)		C.S. PIPE		R.C. PIPE CLASS III			R.C. PIPE CLASS IV		PIPE AS NOTED	STD. 838. OR STD. 838. (UNLES NOTED OTHERWIS	S CONTITIES	FOR DRAINAGE STRUCTURES	*TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B')	FRAME, GRATES, AND HOOD STANDARD 840.03		CONCRETE TRANSITIONAL SECTION		840.20	B40.24 D. 840.29							ABBREVIATIONS C.B. CATCH BASIN N.D.I. NARROW DROP INLET D.I. DROP INLET G.D.I. GRATED DROP INL G.D.I.(N.S.) (NARROW SLOT) J.B. JUNCTION BOX	DROP T NLET OP INLET SLOT)
SIZE	OFFS		OP ELEV	ERT ELE	ERT ELE	15" 18" 24" 30" 36" 42" 48"	_ပ	15" 18" 2	24" 30" 36	" 42" 48" 15"	18" 24" 30	" 36" 42	' 48'' 1	15" 18" 2	24" 30" 42"	30" 30" 36" 36" 42"	12" CU. YARI	s	A	FT.					10.26 10.27 10.28 RATES STD. STD. 840.22	ATES. SI	1.37			щ). 840.71 40.72		M.H. MANHOLE T.B.D.I. TRAFFIC BEARING	NG
THICKNESS OR GAUGE		FROM	01	INV	NIINIW %		DO NOT USE RCP DO NOT USE CSP DO NOT USE CAAP DO NOT USE HDPE, PP, OR PV	.064	.079	109						Trenchless W.S. (IN SOIL) Trenchless W.S. (NOT IN SOIL) Trenchless W.S. (IN SOIL) Trenchless W.S. (NOT IN SOIL) Trenchless W.S. (IN SOIL)	lless W	C.S.P. PER EACH (0' THRU 5.0')	THRU 10.0"	10.0' AND ABOVE		/PE OF GRATE	DROP INLET CATCH BASIN D.I. STD. 840.15	D.I. FRAME AND GRATE STD. 840.16	.I. TYPE "A" STD. 840.17 OR 84 .I. TYPE "B" STD. 840.18 OR 84 .I. TYPE "D" STD. 840.19 OR 84 .I. FRAME WITH TWO FLAT GF .I. FRAME WITH TWO GRATES	E WITH TWO GR TH TWO FLAT R 840.32	STEEL GRATE AND FRAME STD. 840.3 MH FRAME AND COVER STD. 840.54		FLOWABLE FILL (CY)	DRAINAGE PIPE ELBOWS NO. & SIZ	CONC. & BRICK PIPE PLUG, C.Y. STD CONC. COLLARS CL. "B" C.Y. STD. 8	PIPE REMOVAL LIN. FT.	DROP INLET T.B.J.B. TRAFFIC BEARING JUNCTION BOX REMARKS	NG
SHEET 7																																150		
- Y1- 21+59.65 - Y1- 21+59.65	26 RT	701 701	702		146.6 0.5%							++-	++	304		++++		_	_		H			+				1 1	++			153		
- Y1- 24+64.00	32 RT	702	151.3	3										307				1			1	1							7		0.06			
- Y1- 24+64.00 - Y1- 25+79.75	32 RT 32 RT	702 703	703 150.9		146.3 0.5%								++	112					I 0.1		1	1							12		0.13	<u> </u>		\dashv
- Y1- 25+79.75	32 RT	, 00	704		145.5 0.4%						84							- '	0.1										13		0.13			
- Y1- 26+66.22	32 RT	704	150.6	_														1	0.1		1	1												
- Y1- 26+66.22 - Y1- 26+89.13	32 RT 47 RT	704 705	705 150.3		145.4 0.4%						28	++	++					1	1		1	1										<u> </u>		
- Y1- 26+89.13	47 RT	705	706	_	145.3 0.4%						52	† †						- 	·			<u> </u>										†		\dashv
- Y1- 27+40.00	32 RT	706	150.7															1	0.5		1 1								25		0.23			
- Y1- 27+40.00 - Y1- 28+03.63	32 RT	706 708	708	_	145.1 0.5%						64	++						1	1 0.6		1	1										<u> </u>		
- Y1- 28+03.63	34 RT	, 00	707	145.1	145.0 0.5%						32	+							0.0															
- Y1- 28+09.00	1 RT	707	152.0	_														1	1 2.8				1	1 1										
- Y1- 28+09.00 - Y1- 28+00.00	1 RT	707	715	_	144.0 0.4%							76						1	1 2.4							1		1				56		
- Y1- 28+00.00	-75 LT	715	716		143.7 0.4%							30						- '	2.4													30		
- Y1- 27+54.45	-45 LT	713	151.3																										1					
- Y1- 27+67.94 -	-75 LT	714	718		440.0 0.50/							++		20														1						
- Y1- 25+91.00 - - Y1- 25+65.00 -	-51 L1 -40 LT	717	153.1	_	148.2 0.5%							++	+	28				1	1						1	1								
- Y1- 25+65.00	-40 LT	718	719		147.5 0.5%									264																				
- Y1- 23+00.00	-42 LT	719	150.7															1	1						1	1								
- Y1- 23+00.00 - - Y1- 21+95.00 -	-42 LT	719 709	709		147.3 0.5%							++		104				1	1		1	1												
- Y1- 21+95.00	-35 LT	709 7			147.2 0.5%							11		16					' 		'	<u> </u>												—
21177																																		
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-Y1- 55+70.00	-39 LT	802		140.0	3.170	28	\times \times																									20		
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-Y1- 51+65.00	59 RT	808	-			40	$ \times \times \times $			 		++	++			$\blacksquare + \blacksquare + \blacksquare = \blacksquare$		_						++					+			41		\dashv
SHEET 9																																		
- Y2- 10+99.40 -	-35 LT	901 (OUT	145.1	144.7 0.5%									76																				二 一
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	++		+						+	 		++	++					+					+ +	++	 			+ + +	++			1		\dashv
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