COMPUTED BY:
 MJB
 DATE:
 1/16/2023

 CHECKED BY:
 ASB
 DATE:
 11/7/2023

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

PROJECT REFERENCE NO. SHEET NO. R-2577A 3D-14

Note: Invert Elevations indicated are for Bid Purposes only and shall not be used for project construction stakeout. See "Standard Specifications for Roads and Structures, Section 300-5."

	LIST	OF	PIPES,	ENDWA	LLS,	ETC	C. (FO)	R PII	PES	4899	&	UNDER	.)
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LIN STA		ET	STRUCTURE NO.	ATION	EVATION	EVATION	JIRED SLOPE			IN PIPE P, HDPE, PP o	r		. PIPE		R	R.C. PIPE		R.C	. PIPE ASS IV		IPE AS NO	TED	STD. 838. OR STD. 838. (UNLES. NOTED OTHERWIS	S OUANTITIES	FOR DRAINAGE STRUCTURES	국 등 *TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B')	F G AN ST/	FRAME, FRATES, ID HOOD ANDARD 840.03	CRETE TRANSITIONAL SECTION			840.20	040.24 D. 840.29									C.B. N.D.I. D.I. G.D.I. G.D.I.(N.S.) J.B.	NAR DR GRATE (NAR	TCH BASIN ROW DROP INLET ROP INLET D DROP INLET RROW SLOT) ICTION BOX	T
SI	ZE	OFFSI		TOP ELEV	VERT ELE	VERT ELE	IUM REQU	15" 18" 24"	30''		ا 15" ا	18" 24" 30)'' 36'' 42''	48" 15"	18" 24"	30" 36" 42	2" 48" 1	5" 18" 24	4" 30" 36"	24" 24"	30" 30"	48" 48"	CU. YARI	os	Α	В В					9 7 8	TES STD. 8 D. 840.22	ATES. STI		10.37					0. 840.71		M.H. T.B.D.I.	M TRAFI	IANHOLE FIC BEARING ROP INLET	
THICK OR G			FROM	<u>o</u>	Z	N	% MININ			DO NOT USE RCP DO NOT USE CSP DO NOT USE CAAP	DO NOT USE HDPE, PP, OR P	.064	970.	.109						renchless W.S. (IN SOIL)	renchless W.S. (IN SOIL)	renchless W.S. (IN SOIL) nchless W.S. (NOT IN SOIL)		C.S.P. ACH (0' THRU 5.0')	IRU 10.0'	ND ABOVE	TD. 840.01 OR STD. 840.02	YPE OF GRATE	INLET H BASIN	D. 840.14 OR STD. 840.15 AME AND GRATE STD. 840.16	TYPE "A" STD. 840.17 OR 840.2 TYPE "B" STD. 840.18 OR 840.2 TYPE "D" STD. 840.19 OR 840.3	RAME WITH TWO FLAT GRATES ST	N.S.) FR. WITH TWO FLAT GR WAY DROP INLET LIN. FT. STI	D. 840.31 OR 840.32 STD. 840.34	. STD. 840.35 GRATE AND FRAME STD. 840 RAME AND COVER STD. 840.5		DRAINAGE OUTLET STD. 840.04 OR 840.05	ABLE FILL (CY)	PE ELBOWS NO. & SIZE	& BRICK PIPE PLUG, C.Y. STI	EMOVAL LIN. FT.	T.B.J.B.	TRAF	FIC BEARING ICTION BOX	-
																				Tren T	Trenc	Trei		PER EA	5.0' TH	10.0' A	C.B. SI	F G	DROPI	D.I. STI	G.D.I. T	G.D.I. F.	G.D.I. (J.B. ST TBJB S	STEEL M.H. FF	ADJUS	BERM OTCB	FLOW	C.S.	CONC.	PIPE R				$\rfloor \rfloor$
	5+55.00	16 RT		1225		877.1	0.1%											28																											4
- L- 105		41 RT 41 RT		881. 1240	875.9	875.6	0.4%											72						1	0.2		1	1																	<u> </u>
- L- 107	-	41 RT 41 RT	1226 1226	882. 1240	_	877.4	1.9%											76						1			1	1																	<u> </u>
- L- 100		41 RT 41 RT		881. 1242	_	867.1	1.8%				40													1	0.8		1	1										2 @	a) 15		25				-
- L- 105	5+00.00	70 RT	1241	876. 1242	3	867.1								128										1							1		1												11
- L- 106	6+25.00	80 RT	1242	869.	9									120										1										1	1	1									<u> </u>
- L- 106 -L- 109	6+25.00 0+47.00	80 RT 70 RT	1242 1237	1228	866.5	863.6	2.0%	20						16																															-
-L- 110		71 RT 64 RT	1238 1246					20																																	342 24				11
-L- 104	+25.00	65 RT	1247					24																																	2-1				11
-L- 98 ⁻ -Y9- 13		73 RT -21 LT	1210 1244					20																																	20 17				
-Y9- 10)+97.00	-23 LT	1245					24																																	20				11
	ET 13																																												• -
- L- 114	-	-41 LT	1302 1302	912. 1303		900.8	0.4%											136						1			1	1		1															+ $ $
- L- 113	3+15.00	-41 LT	1303	904.														64						1			1	1]
- L- 112	2+49.50	-5 LT	1330	903.	3													0.1						1					1	1 1											21				<u> </u>
	2+49.50 2+49.50	-5 LT -41 LT	1330 1331	902.	901.5	898.5	0.5%											36						1	3.8		1	1																	_
- L- 112 - L- 11	2+49.50	-41 LT	1331 1304	1304 897.	893.7	893.3	0.5%											100						1	2.3		1	1													42				$\left \cdot \right $
- L- 11	1+50.00	-41 LT	1304	1232	890.0	886.0	0.5%										##	148							2.0																74				<u> </u>
- L- 117 - L- 117	7+00.00 7+00.00	41 RT 41 RT	1311 1311	922. 1312		910.9	0.4%											200									1	1													45] [
- L- 119		41 RT 41 RT	1312 1312	914. I313	9 910.9	903.5	0.5%											152						1			1	1																	┤
- L- 113	3+50.00	41 RT	1313	907.	5													70						1			1	1										4							1
- L- 113 - Y10- 1		-51 LT	1310	1314	897.5	897.4	_											72	24																										<u> </u>
- Y10- 1	0+60.00	-32 LT -32 LT	1314	903.	8	897.3	0.5%												32					1	1.4		1	1																	4
- Y10- 1	0+95.00	1 RT	1308	901.	7												+							1					1	1 1															1
- Y10- 1	0+95.00 0+60.00	1 RT -2 LT	1308 1309	902.	_	898.0	0.6%		++								++	36						1	0.0				1	1 1															+
- Y10- 1		-2 LT		1307	_	897.1	0.5%												36																										11
3D-14 SHE	ET TOTALS							188			40			144			1	120	92					,	16 8.5		11	4 7	3	3 3	1		1	1	1			4 2 @	<u>n</u> 15		556				

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