DATE: 1/16/2023 MJB COMPUTED BY: DATE: 11/7/2023 ASB **CHECKED BY:**

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

PROJECT REFERENCE NO. SHEET NO. 3D-25 R-2577A

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

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LINE & STATION	-	STRUCTURE NO.	TION	ATION ATION RED SLOPE	(RCP, CSP, CA	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. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE)		QUANTITIES FOR DRAINAGE STRUCTURES *TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B')		1 10.744	ATES, HOOD	CONCRETE TRANSITIONAL SECTION		40.20	40.24								D.I. G.D.I. GF G.D.I.(N.S.)	CATCH BASIN NARROW DROP INLET DROP INLET GRATED DROP INLET (NARROW SLOT)
SIZE	OFFSE		ш	VERT ELEN	15" 18" 24" 30'		15 ^t	" 18" 24" 30"	36" 42" 48	B" 15" 18" 24"	30" 36" 42	2" 48"	15" 18" 24" 3	36"	24" 24" 30" 30	48" 4	8" CU. YA	RDS	A	FT.				96	28 TES STD. 8 TD. 840.22	TES STD. 8 ATES. STC D. 840.30		5.37				D. 840.71		J.B. M.H. T.B.D.I.	JUNCTION BOX MANHOLE TRAFFIC BEARING
THICKNESS OR GAUGE		FROM		NI NINIW %		O NOT USE RCP O NOT USE CSP	USE HDPE, PP, OR P1	.064	.109	601.					W.S. (IN SOIL) F.S. (NOT IN SOIL) W.S. (IN SOIL)	W.S. (IN SOIL)	M.S. (NOT IN SOIL) R.C.P.	C.S.P.	HRU 5.0')	Æ	1 OR STD. 840.02 B AAL	PE OF	OR STD 840 15	STD. 840.18 OR 840.2	STD. 840.19 OR 840.2 ITH TWO FLAT GRA'	AME WITH TWO GRA' WITH TWO FLAT GR OP INLET LIN. FT. STI	TD. 840.41 I OR 840.32 34	1. 840.35 TE AND FRAME STD. 840.30		3E OUTLET .04 OR 840.05 .L (CY)	WS NO. & SIZE	(PIPE PLUG, C.Y. STI	LIN. FT.	T.B.J.B.	DROP INLET TRAFFIC BEARING JUNCTION BOX
							DO NOT								Trenchless W. Trenchless W.	Trenchless	hless /		PER EACH (0' T 5.0' THRU 10.0'	10.0' AND ABO\	C.B. STD. 840.0	F G	CATCH BASIN	G.D.I. TYPE "B"	G.D.I. TYPE "D" G.D.I. FRAME W	G.D.I. (N.S.) FRA G.D.I. (N.S.) FR. DRIVEWAY DRC	SPRING BOX, ST. J.B. STD. 840.3	T.B.D.I. STD. 84 STEEL GRATE /	ADJUST MH ADJUST CB	DEEM DRAINAG OTCB STD. 840 FLOWABLE FIL	C.S. PIPE ELBO	CONC. & BRICK	PIPE REMOVAL	REMA	\RKS
SHEET 24 - L- 252+96.28	87 RT	2402 240	1 9	980.4 980.3 0.4%	6					36	6																						100		
- L- 254+55.93	53 RT	2420	984.7	204 5 004 2 0 50	(00						1		1	1													
- L- 254+55.93 - L- 253+75.00	53 RT	2420 2406	985.1	981.5 981.3 0.5%	6								80						1		1	1													
- L- 253+75.00	53 RT			981.3 981.0 0.49	6								80						1		1	1													
- L- 251+75.00 - L- 251+75.00	53 RT	+ + + + + + + + + + + + + + + + + + + +	2 9	982.6 982.3 0.5%	6								76						1			'													
- L- 252+50.00 - L- 252+50.00	53 RT	2422	985.6	980.1 979.8 0.4%	6			+			+	+	104						1 0.4		1	1													
- L- 252+96.00	53 RT		985.4										104						1 0.1		1	1													
- L- 252+96.00	53 RT -53 LT		985.0	980.3 980.1 0.4%	6			+					44						1		1	1													
- L- 254+00.00 - L- 254+00.00	-53 LT	+ +	+	981.7 981.5 0.5%	6								76						'																
- L- 253+25.00	-53 LT	+	985.3	981.5 981.3 0.5%	,								70						1		1	1													
- L- 253+25.00 - L- 252+50.00	-53 LT	+	985.6	981.5 981.3 0.5%	70								76						1 0.7		1	1										! 			
- L- 252+50.00	-53 LT		1 1	979.8 979.8 0.49	6					24	4								4																
- L- 251+75.00 - L- 251+75.00	-53 LT -53 LT		985.8	982.6 982.3 0.5%	6			+++				++	76						1		1	1								++					
- L- 258+94.82	-81 LT	2408	972.6							- 10									1								1		1						
- L- 258+94.82 - L- 256+89.10	-81 LT 43 RT	+ + + + + + + + + + + + + + + + + + + +	984.1	967.6 967.5 0.8%	6					12		++							1		1	1													
- L- 256+89.10	43 RT	2417 2413	3 9	980.1 979.5 0.4%	6								124																						
- L- 258+10.00 - L- 258+10.00	47 RT 47 RT	2413 2409	983.5	979.5 972.6 0.5%	6			+++				++	88					-	1		1	1													
- L- 258+94.98	51 RT	2409	983.2	1 3.3,															1 5.0	0.9	1	1													
- L- 254+75.00 - L- 254+75.00	-53 LT -53 LT	2416 2416 2415	984.7	980.7 980.3 0.4%	6			+++				++	128						1		1	1									+		 		
- L- 256+00.00	-48 LT	2415	984.3									$\downarrow \downarrow \downarrow$							1		1	1													
- L- 256+00.00 - L- 257+12.00		2415 2414 2414	984.0	980.3 979.9 0.4%	6			+++				++	116						1			1								+	+		 		
- L- 257+12.00	-41 LT	2414 2412	2 9	979.9 979.6 0.5%	6								116																				19		
- L- 258+25.00 - L- 258+25.00	-41 LT	2412 2412 2407	983.6 7	979.6 971.8 1.9%	6			+++				++	72						1		1	1									+		 		
- L- 258+94.30	-41 LT	2407	983.6																1 5.0	2.0	1	1													
- L- 258+94.30	-41 LT	2407 2408 2419	983.2	971.6 968.7 0.8%	6								40						1			1											+		
- L- 259+50.00 - L- 259+50.00	-41 LT	2419 2418		979.2 978.8 0.49	6								100																						
- L- 260+50.00	-41 LT	+	982.9					++-				+	76						1		1	1											201		
- L- 260+50.00 - Y22- 11+13.14	-41 LI -20 LT	2430	981.9	978.8 978.5 0.49	70								10									_											32		
- Y22- 10+88.34	-21 LT		982.2	270.0	(40						1		1 1														
- Y22- 10+88.34 - L- 258+95.73	-21 LT 87 RT	2427 2428 2411	979.9	978.2 978.1 0.8%	(o			+++				++	40					+	1 2.0			++		1 1							+		 		
- L- 258+95.73	87 RT		+	972.8 972.3 0.6%	6					36																									
		 	+					+++				++										+									+ -				
3D-25 SHEET TOTALS			 							48 60		 	1324 40 148						22 13.		20 1	8 11		1 1					1 1		1		151		
35-23 SHEET TOTALS		1	1			1			1 1 1	40 60	<u> </u>		1924 40 140		1				<u> </u>	<u>, 7.9</u>	<u> 40 </u>	<u> </u>		<u>'1 '1 </u>		<u> </u>	1		<u>' ' </u>		1	,	151		

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