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-23

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."

/\U/&; //\U&; //\U	LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48" & UNDER)																																			
LINE & STATION		STRUCTURE NO.		N	N SLOPE	(R	SIDE DRAIN PIPE (RCP, CSP, CAAP, HDPE, PP o PVC)		C.S. PIPE		PIPE	R.C. PIPE CLASS III		R.C CL#	R.C. PIPE CLASS IV		PIPE AS NOTED		3.11 SS	QUANTITIES 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				59									C.B. CATCH BASIN N.D.I. NARROW DROP INLET D.I. DROP INLET
	FSET		EVATION	ELEVATION	ELEVATIO											24" 30" 30	30" 48" 48"	OTHERWI	ISE)		IN. T.			97		TD. 840.20	FD. 840.24 STD. 840.2	9						71		G.D.I. GRATED DROP INLET G.D.I.(N.S.) (NARROW SLOT) J.B. JUNCTION BOX M.H. MANHOLE
SIZE	A	+	TOP E	INVERT	INVERT E	15"	18" 24" 30"	OR PVC	" 24" 30"	36" 42" 48"	' 15" 18" 24" 30" 	36" 42" 48" 15"	18" 24	30" 36" 24" 2	CU. YAR			DS	A B	В	2	$\dashv \mid$	840.26 840.27		840.28 SRATES ST S STD. 840	GRATES SI	. STD. 840.	670	340.54				. STD. 840.		T.B.D.I. TRAFFIC BEARING DROP INLET	
THICKNESS	WC				N %			USE (7 4 4 1 7 1 1 1 1 1 1 1 1	. 4 6	6 6 6				S. (IN SOIL)	(NOT IN SOIL)	(NOT IN SOIL) S. (IN SOIL) (NOT IN SOIL)		.P. U 5.0')		019 CT3 C	TYPE OF GRATE		STD. 840.15	D. 840.17 OR	D. 840.19 OR I TWO FLAT I TWO GRATE	E WITH TWO (TH TWO (TH TWO ET A)	840.41 8 840.32	5	D FRAME STE	3E OUTLET 04 OR 840.05	Cγ)	NO. & SIZE	PE PLUG, C.Y	, F.	T.B.J.B. TRAFFIC BEARING JUNCTION BOX
OR GAUGE	FRC	10						NOD DON	90.	90.	.109				Trenchless W.	Trenchless W.S. Trenchless W.	Trenchless W.S. (No	R.C.P.	C.S.	5.0' THRU 10.0'	10.0' AND ABOVE	C.B. STD. 840.01 O	DROP INLET	D.I. STD. 840.14 OR	3.D.I. TYPE "A" STI	G.D.I. TYPE "D" STI G.D.I. FRAME WITH	G.D.I. (N.S.) FRAME G.D.I. (N.S.) FR. WI	SPRING BOX, STD. J.B. STD. 840.31 OF	BJB STD. 840.34 B.D.I. STD. 840.35	STEEL GRATE AND A.H. FRAME AND C	ADJUST CB BERM DRAINAGE OTCB STD. 840.04	FLOWABLE FILL (C.S. PIPE ELBOWS	CONC. & BRICK PIF	PIPE REMOVAL LIN	REMARKS
SHEET 22 - L2- 228+23.31	38 RT 220		935.0	200.5	204.4	0,1								440					1			1 1													_	
- L2- 228+23.31 - L2- 227+65.00 - L2- 227+65.00	38 RT 220	2203 23 2204	935.1		931.1 0.69	%								60					1			1 1														
- L2- 228+23.31 - L2- 228+23.31 - L2- 227+18.21	38 RT 220 38 RT 220 -38 LT 220)4 2207	935.0	930.6	921.5 2.99	%			4	18									1			1 1	1									2 (@ 18			
- L2- 227+18.21 - L2- 228+23.31	-38 LT 220 -38 LT 220	2202	935.0	931.5	931.0 0.69	%								108					1			1 1														
- L2- 228+23.31 - L2- 234+00.00 - L2- 234+00.00	-38 LT 220 38 RT 222 38 RT 222	20	948.6	945.6	921.6 2.69	%			48					208					1			1	1									2 (@ 15			
- L2- 231+95.73 - L2- 231+95.73 - L2- 231+00.41	38 RT 221 38 RT 221 38 RT 221	3 2212	942.0	939.0	936.0 0.69	%								96					1			1	1												165	
- L2- 231+00.41 - L2- 229+28.07	38 RT 221 38 RT 222	2225	935.5	936.0	931.5 0.69	%								176					1			1	1													
- L2- 229+28.07 - L2- 232+90.99 - L2- 232+90.99	38 RT 222 -38 LT 220 -38 LT 220		945.1	931.5	931.0 0.69	%								144					1			1 1													25	
- L2- 231+50.00 - L2- 231+50.00 - L2- 229+80.76		7 2208	940.5	936.5	932.2 0.59	%								172					1			1 1														
- L2- 229+80.76 - L2- 236+47.65	-38 LT 220 42 RT 221	08 2216 15	955.9	932.2	922.5 2.09	%			48										1			1	1									2 (@ 15			
- L2- 236+47.65 - L2- 235+35.12 - L2- 235+36.51		2214 9 2214 4			948.9 0.59 948.7 0.79	%						24		112					1	1.4		1	1													
- L2- 235+36.51 - L2- 237+01.26	38 RT 221 -41 LT 221	2210	957.4	946.5	945.8 0.89	%						80		168					1			1 1										4			21	
- L2- 237+01.26 - L2- 235+36.16 - L2- 235+36.16	-38 LT 221	2210 0 2218	952.9	953.4	948.9 0.59 942.1 1.09	%						32		108					1	2.6		1 1										2			51	
- L2- 235+34.23 - L2- 235+34.23 -L2- 229+02.02	-68 LT 221 -68 LT 221 40 LT 222	8 2232	945.7	942.1	941.6 1.29	%						48					82 8	2	1						1		1									
-L2- 237+66.27 -L2- 236+46.00	82 RT 222 71 RT 223	26										16 84					92 3																			
-L2- 236+80.00	56 LT 222	29										64																								
																																4 (@ 15			
3D-23 SHEET TOTALS									96 4	18		164 184	1	408 60			82 8	2		17 4.0		16 3 6	7		1		1					6 2 (262	

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