COMPUTED BY: BCF DATE: 05/06/04
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
B–3256	3–A

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 1200 mm & UNDER)

ABBREVIATIONS
C.B. CATCH BASIN
N.D.I. NARROW DROP INLET
D.I. DROP INLET
M.D.I. MEDIAN DROP INLET
M.D.I. (N.S.) MEDIAN DROP INLET (NARROW SLOT)
J.B. JUNCTION BOX
M.H. MANHOLE
T.B.D.I. TRAFFIC BEARING DROP INLET
T.B.J.B. TRAFFIC BEARING JUCTION BOX

STATION	LOCATION (LT, RT, OR CL)	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE) 300	375	450	600	750	900	1050	1200	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 300	400	450	600	800	900	1000	1200	375mm SIDE DRAIN PIPE	450mm SIDE DRAIN PIPE	600mm SIDE DRAIN PIPE	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CU. METERS R.C.P.	C.S.P.	QUANTITIES: STRUCTURES PER EACH (0 THRU 1.50)	FOR DRAINAGE *TOTAL M FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL. 'B') METERS A 1.50 THRU 3.00	B 3.00 AND ABOVE	C.B. STD. 840.01 OR 840.02	FRAME, GRATES, AND HOOD STD. 840.03 TYPE OF GRATE E	F	G	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME & GRATE STD. 840.16	M.D.I. TYPE "A" STD. 840.17 OR 840.26	M.D.I. TYPE "B" STD. 840.18 OR 840.27	M.D.I. TYPE "D" STD. 840.19 OR 840.28	M.D.I. FRAME WITH GRATE STD. 840.22	M.D.I. FRAME WITH TWO GRATES STD. 840.22	M.D.I. (N.S.) FRAME WITH GRATE STD. 840.29	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.29	J.B. STD. 840.31 OR 840.32	M.H. FRAME & COVER STD. 840.54	T.B.D.I. FRAME WITH GRATE STD. 840.37	T.B.D.I. FRAME WITH TWO GRATES STD. 840.37	T.B.D.I. SEE DETAIL SHEET 2–H	T.B.D.I. STD. 840.35	CORR. STEEL ELBOW NO. & SIZE	CONC. COLLARS, CL. "B" m^3 STD.840.72	CONC. & BRICK PIPE PLUG m^3 STD.840.71	PIPE REMOVAL (meters)	REMARKS
THICKNESS OR GAUGE																1.63	1.63	1.63	1.63	2.01	2.01	2.77	2.77																																
SHEET 4																																																							
-L- 10+30	LT	1		126.59	—	—																							1			1		1																					
	LT	1	2	—	125.40	126.89				62.4																																													
-L- 10+92	LT	2		128.19	—	—																							1			1		1																					
-L- 10+92	CL	2	3	—	126.89	126.92				10.8																																													
-L- 10+92	RT	3		128.19	—	—																							1			1			1																			14	REMOVE 450mm CONC
	RT	3	4	—	126.92	126.98			6																																														
-L- 10+92	RT	4		128.0	—	—																							1							1	1																		
	RT	3	5	—	126.92	128.10			61.2																																													72	REMOVE 450mm CONC
-L- 11+53	RT	5		130.87	—	—																							1	1.27		1			1																				
-L- 11+53	CL	5	6	—	128.10	128.13			10.8																																														
-L- 11+53	LT	6		130.87	—	—																							1	1.24		1		1																					
	RT	5	7	—	128.10	128.18			15.6																																														
-L- 11+68	RT	7		131.55	—	—																							1	1.50	0.37	1			1																				
	RT	7	8	—	128.18	128.20			7.2																																														
-L- 11+68	RT	8		128.90	—	—																							1															1						1					
SHEET 5																																																							
-L- 13+86	LT	9		133.26	—	—																							1			1			1																				
	LT	9	9A	—	132.27	131.30											15.6																																		2@400				
-L- 13+82	RT	10		133.46	—	—																							1			1		1																					
	RT	10	11	—	132.55	131.42			12																																														
-L- 13+90	RT	11		132.10	—	—																							1							1	1																	15	REMOVE 450mm CONC
	RT	11	11A	—	131.42	131.19			18																																														
-Y4- 10+24.5	RT	11A		132.18	—	—																							1			1	1																						
	RT	11A	11B	—	131.19	131.19				1.2																																													
-Y4- 10+27	RT	11B		132.18	—	—																							1			1	1																						
	RT	11B	13	—	131.19	131.23				8.4																																													
-Y4- 10+35	RT	13		132.22																									1			1			1																				
	RT	13	14		131.23	132.10				9.6																																													
-Y4- 10+35	RT	12		132.33	—	—																							1							1	1																		
	RT	12	13	—	131.57	131.23			6																																													12	REMOVE 5m @ 300 CONC REMOVE 7m @ 375 CONC
-Y4- 10+24.5	LT	15		132.14	—	—																							1			1	1																						
-Y4- 10+25.7	CL	11A	15	—	131.19	131.15				7.2																																													
-Y4- 10+27	LT	15A		132.14	—	—																							1			1	1																						
	LT	15	15A	—	131.15	131.15				1.2																																													
SHEET TOTAL									136.8								15.6												17		0.37		4		5	3								1						1	2@400			113	
										100.8																				4.01		13		4			3																		

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