COMPUTED BY: BW DATE: 05/04
CHECKED BY: LC DATE: 05/04

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.: U-2717 | SHEET NO.: 3-E

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 (SIZE / THICKNESS OR GAUGE)	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	C.S. PIPE 150 / 1.63	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 400 / 1.63	450 / 1.63	600 / 1.63	SMOOTH STEEL PIPE 900	1050	PVC PIPE 150	CORRUGATED PLASTIC PIPE 300	300mm SIDE DRAIN PIPE	375mm SIDE DRAIN PIPE	450mm SIDE DRAIN PIPE	600mm SIDE DRAIN PIPE	ENDWALLS STD. 838.01 STD. 838.11 OR STD. 838.80 (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 (EA.)	D.I. FRAME & GRATE STD. 840.16 (EA.)	M.D.I. TYPE "B" STD. 840.18 OR 840.27 (EA.)	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24(EA.)	M.D.I. FRAMES AND WIDE SLOT GRATES STD. 840.22(EA.)	J.B. STD. 840.31 OR 840.32 (EA.)	M.H. STD.840.54 (EA.)	J.B. STD. 840.34(EA.)	DRIVEWAY D.I. STD. 840.30 (EA.)	FRAME & GRATE FOR DRIVEWAY D.I. STD.840.30 (meters)	PARALLEL PIPE END SECTION STD. 310.02 OR 310.04	CROSS PIPE END SECTION STD. 310.03 OR 310.05	POLYMER LINE DRAIN W/WIDE SLOT GRATE SEE DETAIL SHEET (2-H)	PVC 150MM ELBOW NO. & SIZE	CORR. STEEL ELBOW NO. & SIZE	CONC. COLLARS, CL. "B" STD.840.72 (m^3)	CONC. & BRICK PIPE PLUG STD.840.71 (m^3)	PIPE REMOVAL (meters)	REMARKS
-L- 23+90	CL	74	75		261.32	261.44	X			20.4																																											.16		
-L- 23+90	RT	74	78		261.17	260.93					16.8																																												
-L- 23+90	LT	75		262.42																										1			1			1																		12.7	REM DI
-L- 23+90	LT	75	76		261.61	261.74	X	7.2																																															
-L- 23+90	LT	75	77		261.60	261.65	X	15.6																																														11.7	REM CB
-L- 23+85	LT	76		262.34																										1							1	1																	
-L- 24+00	LT	77		262.46																										1			1	1																				12.2	
-L- 24+07	RT	78		262.02																										1			1		1																				
-L- 24+07	RT	78	79		260.93	256.38													26.4																																2@600mm				ROD & LUG W/SLEEVE GASKETS
-L- 24+11	LT	80		262.14																										1			1			1																			
-L- 24+11	LT	80	81		261.33	260.97		13.2																																														13.4	REM CB
-L- 24+20	LT	81		261.78																										1			1			1																		19.3	REM CB
-L- 24+20	LT	81	82		260.90	260.28			42																																														
-L- 24+62	LT	82		261.16																										1			1			1																			
-L- 24+62	LT	82	83		260.36	260.61		3.6																																															
-L- 24+62	LT	82	85		260.28	258.99			32.4																																													65.7	
-L- 24+56	LT	84		262.42																										1																1	9.4									
-L- 24+95	LT	85		260.69																										1	0.20		1			1																		4.5	REM DI
-L- 24+95	CL	85	86		259.06	259.22	X	19.2																																															
-L- 24+95	LT	85	87		258.99	258.85	X		15.6																																													20	REM DI
-L- 24+95	RT	86		259.84																										1			1		1																				
-L- 25+10	LT	87		260.46																										1	0.26		1			1																		46.6	
-L- 25+10	LT	87	88		258.93	259.18		4.8																																															
-L- 25+10	LT	87	90		258.78	258.56	X			24																																													
-L- 25+10	LT	88		260.09																										1			1	1																					
-L- 25+33	LT	90		259.94																										1	0.03		1			1																			
-L- 25+33	LT	90	91		258.98	259.07	X			12																																													
-L- 25+33	LT	90	93		258.41	258.33	X				13.2																																												
-L- 25+20	LT	91		260.05																										1			1	1																					
-L- 25+14	LT	91	92		259.07	260.03				33.6																																													
-Y15- 11+05	RT	92		261.01																										1			1	1																					
-Y15- 11+02	RT	92	92A		260.03	260.87				6																																													
-L- 25+41	LT	93		260.01																										1	0.18		1			1																			
-L- 25+41	LT	93	93A		258.33	257.08					31.2																																												
-L- 25+71	LT	93A		259.33																										1	0.75		1			1																			
-L- 25+71	LT	93A	93B		257.08	256.71					15.6																																												
-L- 25+77	RT	94		257.79																										1			1		1																			33.2	REM DI
-L- 26+00	RT																																																					19	
-L- 26+35	LT																																																					6.5	
-L- 26+55	LT																																																					6.4	
-L- 26+88	LT																																																					8.8	
-L- 27+00	LT																																																					5.8	
SHEET TOTAL								63.6	90	96	76.8								26.4											18	1.42		16	4	3	9	1	1							1	9.4					2@600mm		.16	285.8	

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