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-G

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

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
-L- 29+41	RT	112		255.23											
-L- 29+41	RT	112	113		253.86	253.91	X		4.8						
-L- 29+41	RT	112	114		254.35	255.45			46.8						
-L- 29+41	RT	113		254.93											
-L- 29+87	RT	114		256.43											
-L- 29+87	RT	114	115		255.45	255.51	X		7.2						
-L- 29+93	RT	115		256.53											
-L- 29+93	RT	115	116		255.51	255.66	X		12						
-L- 30+04	RT	116		256.68											
-L- 29+32	LT	117		255.08											
-L- 29+32	LT	117	118		254.10	255.25				55.2					
-L- 29+87	LT	118		256.23											
-L- 29+87	LT	118	119		255.25	256.52				54					
-L- 30+40	RT														
-L- 30+40	LT	119		257.50											
-L- 30+40	LT	119	120		256.62	256.95	X		15.6						
-L- 30+56	LT	120		257.83											
-L- 30+56	LT	120	121		256.95	257.49		42							
-L- 31+00	LT	121		258.30											
-L- 30+56	CL	120	122		256.95	257.92			31.2						
-L- 30+74	RT	122		258.94											
-L- 30+74	RT	122	123		257.92	258.49			7.2						
-L- 30+81	RT	123		259.58											
-Y18- 10+48	RT	123	124		258.49	258.64	X		46.8						
-Y18- 10+60	RT	124		259.57											
-Y18- 10+60	CL	124	125		258.71	258.76	X	14.4							
-Y18- 10+60	LT	125		259.57											
-L- 31+60	LT	126		258.77											
-L- 31+60	LT	126	127		257.96	257.89	X	15.6							
-L- 31+75	LT	127		258.73											
-L- 31+75	LT	127	128		257.89	257.78			3.6						
-L- 31+76	RT	129	130		257.30	257.15			2.4						
-L- 31+76	RT	130		259.09											
-L- 31+90	LT	131		258.64											
SHEET TOTAL								72	177.6	109.2					

STATION	STRUCTURE NO.	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.)	CONC. COLLARS, CL. "B" STD.840.72 (m³)	CONC. & BRICK PIPE PLUG (m³) STD.840.71	PIPE REMOVAL (meters)	REMARKS
-L- 29+41	112	1	0.09		1			1						
-L- 29+41	112-113													
-L- 29+41	112-114													
-L- 29+41	113	1							1	1				
-L- 29+87	114	1			1			1						
-L- 29+87	114-115													
-L- 29+93	115	1							1	1				
-L- 29+93	115-116												13.5	REM DI & JB
-L- 30+04	116	1							1	1		.03	4.4	
-L- 29+32	117	1			1		1							
-L- 29+32	117-118												10.9	
-L- 29+87	118	1			1		1							
-L- 29+87	118-119													
-L- 30+40													66	
-L- 30+40	119	1			1		1					.03		
-L- 30+40	119-120												41.5	REM DI
-L- 30+56	120	1			1		1							
-L- 30+56	120-121													REM JB
-L- 31+00	121	1			1		1							
-L- 30+56	120-122													
-L- 30+74	122	1							1	1				REM DI
-L- 30+74	122-123													
-L- 30+81	123	1			1			1				.05	4.9	REM CB
-Y18- 10+48	123-124													
-Y18- 10+60	124	1			1			1						
-Y18- 10+60	124-125											.05		REM CB
-Y18- 10+60	125	1			1	1								
-L- 31+60	126	1			1			1						
-L- 31+60	126-127													
-L- 31+75	127	1			1			1						
-L- 31+75	127-128										.29			
-L- 31+76	129-130										.29			
-L- 31+76	130	1	0.44		1		1							
-L- 31+90	131	1			1			1						
SHEET TOTAL		18	0.53		14	1	6	7	4	4	.58	.16	141.2	

Other columns (no entries on this sheet): C.S. PIPE 150 (1.63); BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 400, 450, 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.; 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. (meters) STD.840.30; 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

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

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