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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
U-2717	3-B

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- 14+68	CL	20	21		265.24	265.03	X	22.8							
-L- 14+67	LT	21		265.84											
-L- 14+67	LT	21	22		264.96	263.78			19.2						
-L- 14+87	LT	22		266.15											
-L- 14+87	CL	22	23		265.06	265.50					32.4				
-L- 15+00	RT														
-L- 15+12	RT	23		266.59											
-L- 15+12	RT	23	24		265.61	266.65	X			70.8					
-L- 15+81	RT	24		267.63											
-L- 15+81	RT	24	25		266.65	266.86				13.2					
-L- 15+91	RT	25		267.92											
-L- 15+91	RT	25	26		266.86	266.99	X			10.8					
-L- 16+01	RT	26		267.97											
-Y5- 10+22	LT	26	27		267.09	267.12	X		7.2						
-L- 16+06	RT	26	28		267.16	267.29		13.2							
-Y5 10+20	LT	26	28A		267.09	267.42			8.4						
-Y5 10+21		28A		268.30											
-Y5 10+23		28B		268.33											
-Y5- 10+22	LT	28A	28B		267.49	267.52		2.4							
-L- 16+11	RT	28		268.10											
-L- 17+23	RT	29		268.56											
-L- 17+23	RT	29	30		267.75	266.10		74.4							
-L- 17+41	LT														
-L- 17+54	LT														
-L- 17+77	LT														
-L- 17+98	RT	30		266.72											
-L- 17+96	CL	30	31		266.02	265.90	X		20.4						
-L- 17+96	LT	31		266.78											
-L- 17+96	LT	31	32		265.97	266.09			8.4						
-L- 17+96	LT	31	33		265.90	265.55			13.2						
-L- 17+88	LT	32		267.00											
-L- 18+04	LT	33		266.43											
-L- 18+04	LT	33	34		265.45	266.05				9.6					
-L- 18+04	LT	33	35		265.45	265.40	X			9.6					
-L- 18+15	LT	35		266.43											
-L- 18+15	LT	35	36		265.40	266.06				9.6					
-L- 18+15	LT	35	37		265.40	265.04				14.4					
-L- 18+18	RT														
-L- 18+25	LT	37		266.02											
-L- 18+25	LT	37	38		265.04	264.43				24					
-L- 18+49	LT	38		265.51											
SHEET TOTAL								110.4	76.8	162	32.4				

STATION	QUANTITIES: STRUCTURES PER EACH (0 THRU 1.50)	METERS A 1.50 THRU 3.00	METERS B 3.00 AND ABOVE	C.B. STD. 840.01 OR 840.02	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)	PIPE REMOVAL (meters)	REMARKS
-L- 14+68												
-L- 14+67	1			1		1						
-L- 14+67												
-L- 14+87	1	0.87		1		1				.40		REM DI
-L- 14+87											13.7	REM DI
-L- 15+00											24.2	
-L- 15+12	1			1			1					
-L- 15+12											22.1	
-L- 15+81	1			1			1					
-L- 15+81											11.5	
-L- 15+91	1			1			1					
-L- 15+91											14	
-L- 16+01	1			1	1						10.4	
-Y5- 10+22												
-L- 16+06											14.4	
-Y5 10+20											13.2	REM 2 @ 100 mm PVC
-Y5 10+21	1			1		1						
-Y5 10+23	1			1		1						
-Y5- 10+22												
-L- 16+11	1			1			1					
-L- 17+23	1			1		1					18.2	
-L- 17+23											12.7	
-L- 17+41											8.8	
-L- 17+54											8.3	
-L- 17+77											6.8	
-L- 17+98	1			1		1						
-L- 17+96												
-L- 17+96	1			1			1					
-L- 17+96												
-L- 17+96												
-L- 17+88	1							1	1			
-L- 18+04	1			1	1						51.8	
-L- 18+04												
-L- 18+04												
-L- 18+15	1			1			1					
-L- 18+15												
-L- 18+15												
-L- 18+18											18.5	
-L- 18+25	1			1			1					
-L- 18+25												
-L- 18+49	1			1			1					
SHEET TOTAL	17	0.87		16	2	6	8	1	1	.40	248.6	

FOR DRAINAGE *TOTAL M FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL. 'B')

THICKNESS OR GAUGE: 1.63

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

6/20/00
03-AUG-2004 16:49 R:\proj\drainage.sum AT RD196538 BWedeking
D196538 Tuesday August 03 2004 3bfs BWedeking rd-04oce34