COMPUTED BY: D.M.W. DATE: 9/2004
CHECKED BY: W.C.B. DATE: 12/2004

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2552C	3-L

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 1350 mm & OVER)

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) 1350	1500	1650	1800	1950	2100	BITUMINOUS COATED C.S. PIPE TYPE B 1400 2.77	1400 3.51	1400 4.27	1500 2.77	1500 3.51	1650	1800	SHOP ELONGATED	STRUCTURAL PLATE PIPE 1500 2.77	1500 3.51	1500 4.27	1650 2.77	1650 3.51	1650 4.27	1800 2.77	1800 3.51	1800 4.27	REINFORCED ENDWALLS CLASS "A" CONC. WITH R.C. cu. y.	WITH C.S. cu. y.	MASONARY DRAINAGE STRUCTURES CUBIC METERS	C.B. STD. 840.01 OR 840.02	FRAME, GRATES & HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	1650mm BORE AND JACK SPIRAL WELDED STEEL (22mm THICK)	REINF. CONC. FLARED END SECTION NO. & SIZE	CORR. STEEL FLARED END SECTIONS NO. & SIZE	REINF. CONC. ELBOWS NO. & SIZE	CORR. STEEL ELBOWS NO. & SIZE	CONC. COLLARS, CL. "B" m^3 STD.840.72	PIPE REMOVAL (meters)	REMARKS
L2 126+16	RT	80	81		85.8	86.15			76.8																					4.3															
L2 147+48	CL	236	237		77.06	76.75		45.6																																					
L2 147+48	CL	236	238		77.06	77.65		55.2																						3.8															
RAMP C 7+92	RT	262	263		76.15	76.179					15.6																																2.49		TIES INTO EXISTING SYSTEM
Y4 26+31	RT	264	265		76.5	76.4				43.2																				4.8															
L2 155+25	LT	293	294		75.4	74.8																									5						52.8								
Y6 14+56.2	LT	338	339		84.2	83.3			48.0																					4.3														27.6	
SHEET TOTAL								100.8	124.8	43.2	15.6																			17.2	5						52.8						2.49	27.6	

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
O.T.C.B.	OPEN THROATED CATCH BASIN

6/20/00
17-MAR-2005 09:52
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dwheatley AT WSRAL-NEMO