12/06/07

PROJECT REFERENCE NO.	SHEET NO.
U-5810	3D-10

COMPUTED BY:	AMK	DATE:	3/2/2026
CHECKED BY:	CAH	DATE:	3/3/2026

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 54" & OVER)

LINE & STATION	OFFSET		STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	% MINIMUM REQUIRED SLOPE
- Y1- 18+31.14		LT	408	418		3163.0	3157.8	0.5%
- L- 11+87.47		RT	407	406		3178.3	3175.0	0.4%
- Y8A- 11+40.35		LT	721	722		3136.8	3131.5	0.4%
- Y8- 11+05.88	27	RT	722		3143.5			
- Y8- 11+05.88		RT	722	748		3131.5	3129.5	0.4%
- Y8- 10+57.72	27	RT	748		3140.5			
- Y8- 10+57.72		RT	748	726		3129.5	3123.1	0.4%
- L2- 58+83.00		RT	803	802		3126.0	3124.4	0.4%
- L2- 58+75.00	17	RT	802		3131.5			
- L2- 58+75.00		RT	802	828		3124.4	3123.8	0.4%
- L2- 58+67.00	-17	LT	828		3130.0			
- L2- 58+67.00		LT	828	738		3120.0	3119.0	1.4%
- L2- 64+71.60		RT	809	807		3117.5	3117.0	0.5%
- L2- 64+74.00		RT	807	814		3117.0	3115.0	0.5%
- L2- 64+74.00	17	RT	807		3125.3			
- L2- 64+81.00		LT	814	816		3115.0	3111.3	0.5%
- L2- 64+81.00	-17	LT	814		3125.8			
- L2- 64+75.00		RT	810	808		3117.5	3117.0	0.5%
- L2- 64+80.54	17	RT	808		3125.3			
- L2- 64+80.54		RT	808	811		3117.0	3115.0	0.5%
- L2- 64+87.00	-17	LT	811		3125.8			
- L2- 64+87.00		LT	811	815		3115.0	3111.3	0.5%
PROJECT TOTALS								

SIZE / THICKNESS OR GAUGE

LINE & STATION	DRAINAGE PIPE (RCP, CSP, CAAP, HDPE, or PVC) 54"	60"	66"	72"	78"	84"	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE	DO NOT USE PVC	C.S. PIPE 54"	60"	66"	72"	78"	84"
- L2- 58+67.00 (828–738)												44					
PROJECT TOTALS	0	0	0	0	0	0						44	0	0	0	0	0

LINE & STATION	R.C. PIPE CLASS III 54"	60"	66"	72"	78"	84"	R.C. PIPE CLASS IV 54"	60"	66"	72"	78"	84"
- Y8A- 11+40.35									124			
- Y8- 11+05.88 (722–748)									48			
- L2- 58+83.00	20											
- L2- 58+75.00 (802–828)	32											
- L2- 64+71.60	16											
- L2- 64+74.00 (807–814)							32					
- L2- 64+81.00 (814–816)	40											
- L2- 64+75.00	16											
- L2- 64+80.54 (808–811)							32					
- L2- 64+87.00 (811–815)	40											
PROJECT TOTALS	164	0	0	0	0	0	64	0	172	0	0	0

LINE & STATION	PIPE AS NOTED 54" WELDED STEEL, IN SOIL	54" WELDED STEEL, NOT IN SOIL	66" WELDED STEEL, IN SOIL	66" WELDED STEEL, NOT IN SOIL					REINFORCED ENDWALLS CU. YARDS R.C.P.	C.S.P.	MASONRY DRAINAGE STRUCTURE CY	QUANTITIES FOR DRAINAGE STRUCTURES PER EACH (0' THRU 5.0')	*TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B') LIN. FT. A 5.0' THRU 10.0'	B 10.0' AND ABOVE
- Y1- 18+31.14			42	42					12.6					
- L- 11+87.47	40	40							10.4					
- Y8A- 11+40.35									5.6					
- Y8- 11+05.88 (27 RT)											7.37			
- Y8- 10+57.72 (27 RT)											6.89			
- Y8- 10+57.72 (748–726)			66	66										
- L2- 58+83.00									5					
- L2- 58+75.00 (17 RT)											1.77			
- L2- 58+67.00 (-17 LT)											2.88			
- L2- 64+71.60									5					
- L2- 64+74.00 (17 RT)											2.51			
- L2- 64+81.00 (814–816)									5					
- L2- 64+81.00 (-17 LT)											2.62			
- L2- 64+75.00									5					
- L2- 64+80.54 (17 RT)											2.05			
- L2- 64+87.00 (-17 LT)											2.62			
- L2- 64+87.00 (811–815)									5					
PROJECT TOTALS	40	40	108	108	0	0	0	0	53.6	0	28.7	0	0.0	0.0

LINE & STATION	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	CONCRETE TRANSITIONAL SECTION DROP INLET	CATCH BASIN	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME AND GRATES STD. 840.16	G.D.I. TYPE "A" STD. 840.17 OR 840.26	G.D.I. TYPE "B" STD. 840.18 OR 840.27	G.D.I. TYPE "D" STD. 840.19 OR 840.28	G.D.I. FRAME WITH TWO FLAT GRATES STD. 840.20	G.D.I. FRAME WITH TWO GRATES STD. 840.22	G.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24	G.D.I. (N.S.) FR. WITH TWO FLAT GRATES. STD. 840.29	J.B. STD. 840.31 OR 840.32	T.B.D.I. STD. 840.35	STEEL GRATE AND FRAME STD. 840.37	SPRING BOX STD. 840.41	M.H. FRAME AND COVER STD. 840.54	PIPE COLLAR	ADJUST CB	ADJUST DI	BERM DRAINAGE OUTLET STD. (4" CONCRETE PAVED DITCH)	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE	ENERGY DISSIPATOR, SEE DETAIL 2C-7
- Y8- 11+05.88 (27 RT)																1				1						
- Y8- 10+57.72 (27 RT)																1				1						
- L2- 58+75.00 (17 RT)	1	1																								
- L2- 58+67.00 (-17 LT)	1			1																						
- L2- 64+74.00 (17 RT)	1		1																							
- L2- 64+81.00 (-17 LT)	1			1																						
- L2- 64+80.54 (17 RT)	1		1																							
- L2- 64+87.00 (-17 LT)	1			1																						
PROJECT TOTALS	6	1	2	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0

LINE & STATION	FLOWABLE FILL (CY)	C.S. PIPE ELBOWS	CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71	CONC. COLLARS CL. "B" C.Y. STD. 840.72	PIPE REMOVAL LIN. FT.	REMARKS
- Y1- 18+31.14	75				82	Trenchless Installation
- Y8A- 11+40.35	3					
- Y8- 11+05.88 (27 RT)					178	
- Y8- 10+57.72 (748–726)	75				131	Trenchless Installation
- L2- 58+67.00 (828–738)		2 @ 54				
- L2- 64+74.00 (807–814)					48	
- L2- 64+74.00 (17 RT)						See PSH 2C-11
- L2- 64+81.00 (-17 LT)						See PSH 2C-11
- L2- 64+80.54 (17 RT)						See PSH 2C-11
- L2- 64+80.54 (808–811)					44	
- L2- 64+87.00 (-17 LT)						See PSH 2C-11
PROJECT TOTALS	153	2 @ 54	0	0	483	

ABBREVIATIONS

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

RK&K
P: (919) 878-9560
8601 Six Forks Road, Forum 1,Suite 700
Raleigh, North Carolina 27615-3960
NC License No. F-0112
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