CARYLTBURNS

COMPUTED BY: SUNGATE DESIGN GROUP DATE: 8/1/2017

CHECKED BY: MICHAEL BAKER ENGINEERING DATE: 8/14/2017

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
R-5703	3D-10

Note: Invert Elevations indicated are for Bid Purposes only and shall not be used for project construction stakeout.
See "Standard Specifications For Roads and Structures, Section 300-5".

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48 INCHES & UNDER)

LINE & STATION	OFFSET		STRUCTURE NUMBER FROM	STRUCTURE NUMBER TO	TOP ELEVATION FT.	INVERT ELEVATION FT.	INVERT ELEVATION FT.	MINIMUM REQUIRED SLOPE %	Side Drain Pipe (RCP, CSP, CAAP, HDPE, or PVC) SIZE 12	15	18	24	30	36	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE	DO NOT USE PVC
									THICKNESS OR GAUGE										
Y8 46+10	160	RT	2572		59.0														
			2572	2530		59.0	58.9												
Y8 46+00	0	CL	2573		64.5														
			2573	2543		61.8	53.9			252							X		
Y1 38+27	0	CL	2701	2703		73.8	73.8												
Y1 38+29	0	CL	2702	2704		73.8	73.8												
Y1 44+89	0	CL	2705			74.5	74.2												
Y1 38+55	0	CL	2706	2708		73.7	73.5												
Y1 38+57	0	CL	2707	2709		73.7	73.5												
Y8 20+00	0	CL	2801		72.9														
			2801	2803		70.9	70.7												
Y8 20+50	0	CL	2802		73.1														
			2802	2801		71.1	70.9			52							X		
Y8 27+74	107	RT	2901		68.0														
			2901	2902		68.0	67.0												
Y8 28+07	0	CL	2902		73.2														
			2902	2903		67.0	65.9	0.3											
Y8 31+00	0	CL	2904		72.4														
			2904	2905		70.5	69.7			52							X		
Y8 30+50	0	CL	2905		72.5														
			2905	2906		69.7	69.3	0.3											
Y8 34+00	75	RT	2907		71.9														
			2907	2540		69.1	68.2			304							X		
Y8 51+90	75	RT	3001		50.2														
			3001	3008		46.1	44.6	0.4			64						X		
Y8 52+50	0	CL	3002		47.3														
			3002	3003		44.6	36.1			328							X		
Y8 55+77	1	RT	3003		40.1														
Y8 60+81	1	RT	3004		36.2														
DR4 19+58	20	LT	3005		52.0														
			3005	3006		52.0	49.1												
DR4 19+50	20	RT	3006		52.1														
			3006	3007		49.1	46.3				52						X		
DR4 19+37	70	RT	3007		49.5														
			3007	3001		46.3	46.1				36						X		
Y9 10+84	0	CL	3009	3014		32.4	32.1												
DR4 12+25	0	CL	3010			35.0	34.9												
DR4 10+20	0	CL	3011			35.5	35.0												
DR4 21+74	20	RT	3013			66.1	65.4												
Y9 10+79	24	LT	3014			37.5													
			3014	3015		32.1	32.0					44					X		
Y8 39+89	96	RT	T01								72						X		
Y8 49+51	118	RT	T02								64						X		
SERV1 26+57	38	LT	0657								28								
SERV1 41+04	45	LT	0706							20									
Y8 52+63	12	LT																	
Y8 55+76	30	LT																	
Y8 60+81	30	LT																	
Y1 33+64	1	RT																	
Y8 39+89	96	RT	T01																
SHEET TOTALS										1008	316	44							

C. S. PIPE SIZE 12	15	18	24	30			36	R. C. PIPE CLASS III SIZE 12	15	18	24	30	36	42	R. C. PIPE CLASS IV SIZE 12	15	18	24	30	36	42	48	R. C. PIPE CLASS V SIZE 12	15	18	24	30	36	42	48	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE)	REINFORCED ENDWALLS	DRAINAGE STRUCTURE
THICKNESS OR GAUGE																																
.064	.064	.064	.064	.079			.079																									
																														CY	CY	MASONRY
																														3.400		
													36																				
											24																						
											24																						
																								80									
											48																						
											48																						
										84																							