

STORM STRUCTURE TABLE			
STRUCTURE #	TOP	STRUCTURE HEIGHT	DESCRIPTION
CB 102 - DOUBLE INLET	430.92	11.11'	Curb Inlet (Double)
CB 103 - DOUBLE INLET	430.92	8.95'	Curb Inlet (Double)
FES 100	415.75	2.25'	Flared End Section
JB 101	418.65	4.58'	Storm Junction Box

STORM STRUCTURE TABLE			
STRUCTURE #	TOP	STRUCTURE HEIGHT	DESCRIPTION
CB 201	427.08	10.00'	Curb Inlet
CB 202	427.07	9.54'	Curb Inlet
CB 203 - DOUBLE INLET	425.45	6.64'	Curb Inlet
CB 204	425.45	5.66'	Curb Inlet
CB 205 - DOUBLE INLET	426.74	6.24'	Curb Inlet
CB 206 - DOUBLE INLET	439.25	5.94'	Curb Inlet
CB 207 - DOUBLE INLET	440.38	6.18'	Curb Inlet
CB 208 - DOUBLE INLET	441.71	6.75'	Curb Inlet
CB 209 - DOUBLE INLET	445.02	6.50'	Curb Inlet
CB 210	447.79	5.49'	Curb Inlet
CB 211	447.50	4.70'	Curb Inlet
CB 212	450.00	5.82'	Curb Inlet
CB 213	450.06	5.56'	Curb Inlet
CB 214	433.02	6.22'	Curb Inlet
CB 215	436.71	6.65'	Curb Inlet
CB 216	436.97	6.47'	Curb Inlet
CB 217	439.86	6.20'	Curb Inlet
CB 218	439.86	5.76'	Curb Inlet
CB 219	440.44	5.65'	Curb Inlet
CB 220	447.02	5.32'	Curb Inlet
CB 221	450.80	5.61'	Curb Inlet
CB 222	453.73	5.44'	Curb Inlet
CB 223	453.73	5.00'	Curb Inlet
CB 224	444.37	6.08'	Curb Inlet
CB 225	445.40	6.10'	Curb Inlet
CB 226	447.10	5.60'	Curb Inlet
CB 227	447.06	5.06'	Curb Inlet
CB 228	450.96	5.25'	Curb Inlet
CB 229	457.09	5.45'	Curb Inlet
CB 230	458.89	4.89'	Curb Inlet
FES 200	420.29	4.29'	Flared End Section

STORM STRUCTURE TABLE			
STRUCTURE #	TOP	STRUCTURE HEIGHT	DESCRIPTION
CB 302 - DOUBLE INLET	457.94	8.01'	Curb Inlet
CB 303	462.45	11.53'	Curb Inlet
CB 304	462.38	11.14'	Curb Inlet
CB 305 - DOUBLE INLET	463.44	11.98'	Curb Inlet
CB 306 - DOUBLE INLET	464.53	6.11'	Curb Inlet
CB 307	463.66	11.38'	Curb Inlet
CB 308	465.03	12.05'	Curb Inlet
CB 309	465.93	12.32'	Curb Inlet
CB 310	465.05	11.01'	Curb Inlet
CB 311	462.06	7.38'	Curb Inlet
CB 312 - DOUBLE INLET	460.67	5.52'	Curb Inlet
CB 313	460.68	5.08'	Curb Inlet
CB 314	461.73	5.43'	Curb Inlet
CB 315	464.79	5.89'	Curb Inlet
CB 316	466.95	5.45'	Curb Inlet
CB 317	466.96	5.01'	Curb Inlet
CB 318	470.39	5.43'	Curb Inlet
CB 319	470.41	5.01'	Curb Inlet
DI 301	449.00	4.00'	Drop Inlet
FES 300	448.06	3.38'	Flared End Section

NOTE: ALL ELEVATION FOR CATCH BASINS ARE TOP OF CURB GRADES

STORM PIPE TABLE							
PIPE #	DIA	FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DESCRIPTION
100-101	18"	JB 101 - FES 100	414.07	413.50	0.50%	114.32 LF	18" RCP
101-102	15"	CB 102 - DOUBLE INLET - JB 101	419.81	414.27	8.00%	69.24 LF	15" RCP
102-103	15"	CB 103 - DOUBLE INLET - CB 102 - DOUBLE INLET	421.97	420.01	8.00%	24.50 LF	15" RCP

STORM PIPE TABLE							
PIPE #	DIA	FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DESCRIPTION
200-201	36"	CB 201 - FES 200	417.08	416.00	1.33%	80.99 LF	36" RCP
201-202	36"	CB 202 - CB 201	417.53	417.28	1.00%	24.52 LF	36" RCP
202-203	36"	CB 203 - DOUBLE INLET - CB 202	418.81	417.73	1.00%	108.34 LF	36" RCP
202-213	30"	CB 214 - CB 202	426.80	417.73	5.91%	153.41 LF	30" RCP
203-204	30"	CB 204 - CB 203 - DOUBLE INLET	419.80	418.90	3.66%	24.52 LF	30" RCP
203-205	30"	CB 205 - DOUBLE INLET - CB 203 - DOUBLE INLET	420.50	419.00	1.47%	102.32 LF	30" RCP
205-206	30"	CB 206 - DOUBLE INLET - CB 205 - DOUBLE INLET	433.31	420.70	3.79%	332.70 LF	30" RCP
206-207	24"	CB 207 - DOUBLE INLET - CB 206 - DOUBLE INLET	434.20	433.50	0.99%	70.96 LF	24" RCP
207-208	24"	CB 208 - DOUBLE INLET - CB 207 - DOUBLE INLET	434.95	434.20	0.93%	80.56 LF	24" RCP
208-209	18"	CB 209 - DOUBLE INLET - CB 208 - DOUBLE INLET	438.52	435.14	3.83%	88.07 LF	18" RCP
209-210	18"	CB 210 - CB 209 - DOUBLE INLET	442.30	438.72	6.49%	55.14 LF	18" RCP
210-211	15"	CB 211 - CB 210	442.80	442.50	1.22%	24.58 LF	15" RCP
210-212	18"	CB 212 - CB 210	444.18	442.50	3.05%	55.11 LF	18" RCP
212-213	15"	CB 213 - CB 212	444.50	444.20	1.21%	24.70 LF	15" RCP
214-215	30"	CB 215 - CB 214	430.06	427.00	3.36%	91.17 LF	30" RCP
215-216	30"	CB 216 - CB 215	430.50	430.26	1.00%	24.49 LF	30" RCP
216-217	30"	CB 217 - CB 216	433.66	430.70	5.77%	51.29 LF	30" RCP
217-218	30"	CB 218 - CB 217	434.10	433.86	1.00%	24.51 LF	30" RCP
218-219	24"	CB 219 - CB 218	434.80	434.30	1.00%	49.69 LF	24" RCP
218-224	24"	CB 224 - CB 218	438.29	434.30	3.09%	129.34 LF	24" RCP
219-220	18"	CB 220 - CB 219	441.70	435.00	3.37%	198.96 LF	18" RCP
220-221	15"	CB 221 - CB 220	445.19	441.90	2.72%	121.06 LF	15" RCP
221-222	15"	CB 222 - CB 221	448.29	445.39	3.00%	96.73 LF	15" RCP
222-223	15"	CB 223 - CB 222	448.73	448.49	1.00%	24.48 LF	15" RCP
224-225	24"	CB 225 - CB 224	439.30	438.49	1.00%	80.85 LF	24" RCP
225-226	24"	CB 226 - CB 225	441.50	439.50	1.38%	145.40 LF	24" RCP
226-227	18"	CB 227 - CB 226	442.00	441.70	1.22%	24.57 LF	18" RCP
226-228	18"	CB 228 - CB 226	445.71	441.70	3.83%	104.75 LF	18" RCP
228-229	15"	CB 229 - CB 228	451.64	445.91	5.50%	104.04 LF	15" RCP
229-230	15"	CB 230 - CB 229	454.00	451.84	5.50%	39.35 LF	15" RCP

STORM PIPE TABLE							
PIPE #	DIA	FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DESCRIPTION
300-301	30"	DI 301 - FES 300	445.00	444.89	0.66%	47.40 LF	30" RCP
301-302	30"	CB 302 - DOUBLE INLET - DI 301	449.93	445.20	2.91%	162.81 LF	30" RCP
302-303	30"	CB 303 - CB 302 - DOUBLE INLET	450.92	450.13	0.50%	157.27 LF	30" RCP
303-304	30"	CB 304 - CB 303	451.24	451.12	0.50%	24.63 LF	30" RCP
304-305	30"	CB 305 - DOUBLE INLET - CB 304	451.75	451.44	0.50%	62.42 LF	30" RCP
305-306	24"	CB 305 - DOUBLE INLET - CB 306 - DOUBLE INLET	451.95	458.63	5.30%	128.03 LF	24" RCP
305-307	24"	CB 307 - CB 305 - DOUBLE INLET	452.28	451.95	0.50%	66.24 LF	24" RCP
307-308	24"	CB 308 - CB 307	452.97	452.44	0.50%	106.02 LF	24" RCP
308-309	24"	CB 309 - CB 308	453.61	453.17	0.50%	87.60 LF	24" RCP
309-310	24"	CB 310 - CB 309	454.05	453.81	0.50%	47.47 LF	24" RCP
310-311	24"	CB 311 - CB 310	454.68	454.05	0.50%	125.88 LF	24" RCP
311-312	24"	CB 312 - DOUBLE INLET - CB 311	455.15	454.68	0.50%	95.80 LF	24" RCP
312-313	18"	CB 313 - CB 312 - DOUBLE INLET	455.60	455.35	1.00%	24.50 LF	18" RCP
312-314	18"	CB 314 - CB 312 - DOUBLE INLET	456.30	455.35	1.34%	70.78 LF	18" RCP
314-315	18"	CB 315 - CB 314	458.90	456.50	2.01%	119.53 LF	18" RCP
315-316	15"	CB 316 - CB 315	461.50	459.10	2.96%	81.14 LF	15" RCP
316-317	15"	CB 317 - CB 316	461.95	461.70	1.00%	24.50 LF	15" RCP
316-318	15"	CB 318 - CB 316	464.96	461.70	2.55%	127.73 LF	15" RCP
318-319	15"	CB 319 - CB 318	465.40	465.16	1.00%	24.09 LF	15" RCP

ALL CONSTRUCTION SHALL CONFORM WITH THE LATEST VERSION OF THE TOWN OF CARY AND NCDOT STANDARDS AND SPECIFICATIONS.

STORM STRUCTURE TABLE			
STRUCTURE #	TOP	STRUCTURE HEIGHT	DESCRIPTION
CB 401	450.41	4.63'	Curb Inlet
CB 402	450.40	4.30'	Curb Inlet
CB 403	456.82	7.12'	Curb Inlet
CB 404 - DOUBLE INLET	456.80	6.66'	Curb Inlet
CB 405 - DOUBLE INLET	457.13	6.17'	Curb Inlet
CB 406 - DOUBLE INLET	458.49	6.63'	Curb Inlet
CB 407 - DOUBLE INLET	460.80	7.50'	Curb Inlet
CB 408	460.88	7.18'	Curb Inlet
CB 409	463.48	7.56'	Curb Inlet
CB 410 - DOUBLE INLET	463.48	5.64'	Curb Inlet
CB 411	470.45	6.45'	Curb Inlet
CB 412	470.26	5.17'	Curb Inlet
CB 413	470.28	5.35'	Curb Inlet
FES 400	448.81	3.38'	Flared End Section

STORM STRUCTURE TABLE			
STRUCTURE #	TOP	STRUCTURE HEIGHT	DESCRIPTION
CB 501	428.67	7.37'	Curb Inlet
CB 502	427.98	6.19'	Curb Inlet
CB 503	427.98	5.74'	Curb Inlet
CB 504	430.34	8.57'	Curb Inlet
CB 505	430.35	7.35'	Curb Inlet
FES 507	428.37	1.87'	Flared End Section
HW 500	424.96	3.96'	Headwall
HW 506	430.15	3.96'	Headwall

STORM STRUCTURE TABLE			
STRUCTURE #	TOP	STRUCTURE HEIGHT	DESCRIPTION
CB 601	469.81	3.82'	Curb Inlet
CB 604	448.01	4.74'	Curb Inlet
CB 605	449.81	5.80'	Curb Inlet
CB 606	452.71	7.96'	Curb Inlet
CB 607	458.81	8.76'	Offset Curb Inlet
CB 608	463.62	12.61'	Offset Curb Inlet
CB 609	466.62	10.94'	Curb Inlet
CB 610	469.09	10.29'	Curb Inlet
CB 611	473.55	9.00'	Curb Inlet
DI 612	450.50	5.53'	Drop Inlet
DI 613	450.50	4.58'	Drop Inlet
FES 600	467.35	4.29'	Flared End Section
FES 603	449.49	2.79'	Flared End Section
JB 601A	469.55	3.60'	Storm Junction Box
MH 602	447.94	4.96'	Storm Junction Box

STORM STRUCTURE TABLE			
STRUCTURE #	TOP	STRUCTURE HEIGHT	DESCRIPTION
CB 701	450.93	2.40'	Curb Inlet
CB 702	451.97	2.47'	Curb Inlet
CB 703	452.92	2.52'	Curb Inlet
CB 704	455.17	3.43'	Curb Inlet
CB 705	456.51	4.33'	Curb Inlet
FES 700	450.15	1.75'	Flared End Section
FES 706	456.31	1.46'	Flared End Section

NOTE:  
O-RING ALL PIPE SECTIONS BETWEEN:  
 • CB 207 - CB 208  
 • CB 218 - CB 219  
 • CB 226 - CB 227  
 • CB 312 - CB 313  
 • CB 316 - CB 317  
 • MH 602 - CB 605  
 • CB 605 - DI 612  
 • COMMONS FORD DRIVE STREAM CROSSING (EOP 803-EOP 802)

STORM PIPE TABLE								
PIPE #	DIA	FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DESCRIPTION	
400-401	30"	CB 401 - FES 400	445.78	445.44	0.49%	69.52 LF	30" RCP	
401-402	24"	CB 402 - CB 401	446.10	445.98	0.50%	24.55 LF	24" RCP	
401-403	24"	CB 403 - CB 401	449.70	446.48	1.08%	299.04 LF	24" RCP	
403-404	24"	CB 404 - DOUBLE INLET - CB 403	450.14	449.90	1.00%	24.05 LF	24" RCP	
404-405	24"	CB 405 - DOUBLE INLET - CB 404 - DOUBLE INLET	450.96	450.34	1.00%	61.93 LF	24" RCP	
405-406	24"	CB 406 - DOUBLE INLET - CB 405 - DOUBLE INLET	451.86	451.16	1.00%	70.09 LF	24" RCP	
406-407	18"	CB 407 - DOUBLE INLET - CB 406 - DOUBLE INLET	453.30	452.06	1.81%	68.76 LF	18" RCP	
407-408	18"	CB 408 - CB 407 - DOUBLE INLET	453.75	453.50	1.00%	24.67 LF	18" RCP	
408-409	18"	CB 409 - CB 408	457.22	453.95	4.94%	66.07 LF	18" RCP	
409-410	15"	CB 410 - DOUBLE INLET - CB 409	457.84	457.54	1.23%	24.49 LF	15" RCP	
409-411	15"	CB 411 - CB 409	464.00	457.54	3.72%	173.75 LF	15" RCP	
411-412	15"	CB 412 - CB 411	465.09	464.20	3.63%	24.53 LF	15" RCP	
411-413	15"	CB 413 - CB 411	464.93	464.20	0.89%	81.79 LF	15" RCP	

STORM PIPE TABLE							
PIPE #	DIA	FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DESCRIPTION