


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. I-5987	SHEET NO. RW02C-20
Location and Surveys	
	
6750 TRYON ROAD CARY, NC 27518 phone: 919.851.1912 CALYXengineers.com NC License # F-1333	

EY29_RAMPC

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	393330.466	2005764.747	N 33°02'25.3" E	69.08					
LINE	393388.377	2005802.413							
PC			N 40°25'54.7" E	323.19	14°46'58.8"(RT)	04°33'41.2"	324.09	162.95	1256.09
CURVE	393634.381	2006012.014							
PT			N 47°49'24.1" E	22.53					
LINE	393649.507	2006028.710							
PC			N 54°28'42.2" E	343.21	13°18'36.3"(RT)	03°52'09.7"	343.99	172.77	1480.75
CURVE	393848.918	2006308.050							
PT			N 61°08'00.4" E	81.82					
LINE	393888.418	2006379.704							
PC			N 70°22'50.3" E	125.58	18°29'39.8"(RT)	14°39'48.4"	126.13	63.62	390.74
CURVE	393930.584	2006497.993							
PT			N 79°37'40.2" E	26.09					
LINE	393935.280	2006523.652							
POT									

EY29_RAMPD

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	393559.028	2006600.119	N 06°53'30.2" W	82.51					
LINE	393640.939	2006590.219							
PC			N 04°45'00.1" E	289.20	23°17'00.6"(RT)	07°59'45.1"	291.19	147.63	716.57
CURVE	393929.141	2006614.167							
PT			N 16°23'30.4" E	935.59					
LINE	394826.702	2006878.193							
PC			N 24°29'14.8" E	422.40	16°11'28.8"(RT)	03°49'13.5"	423.81	213.33	1499.73
CURVE	395211.009	2007053.276							
PT			N 32°34'59.2" E	397.60					
LINE	395546.128	2007267.390							
POT									

EY29_RAMPD_EXT

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	394000.776	2006511.666	N 79°37'54.5" E	41.30					
LINE	394008.209	2006552.292							
PC			N 49°42'16.1" E	147.81	59°51'16.7"(LT)	38°40'40.9"	154.75	85.28	148.14
CURVE	394103.802	2006665.029							
PT			N 19°46'37.8" E	8.38					
LINE	394111.692	2006667.866							
POT									

EY30

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	394294.509	2006721.643	S 73°36'29.5" E	27.92					
LINE	394286.630	2006748.429							
PC			N 76°41'36.2" E	58.42	59°23'48.6"(LT)	97°10'52.8"	61.12	33.63	58.96
CURVE	394300.076	2006805.280							
PT			N 31°49'03.1" E	50.69	30°21'17.5"(LT)	59°11'15.1"	51.29	26.26	96.80
LINE	394343.147	2006832.004							
PC			N 16°38'24.4" E	527.01					
CURVE	394848.088	2006982.918							
PT			N 21°31'03.1" E	254.23	09°45'17.4"(RT)	03°49'56.7"	254.53	127.58	1495.03
LINE	395084.597	2007076.165							
PC			N 30°30'07.6" E	193.53	08°12'51.6"(RT)	04°14'26.9"	193.70	97.02	1351.06
CURVE	395251.346	2007174.396							
PT			N 34°36'33.4" E	350.92					
LINE	395540.171	2007373.712							
PC			N 33°02'07.3" E	548.88	03°08'52.2"(LT)	00°34'24.3"	548.95	274.54	9991.84
CURVE	396000.317	2007672.939							
PT			N 31°27'41.2" E	105.93					
LINE	396090.674	2007728.226							
PC			N 34°11'20.8" E	119.30	05°27'19.2"(RT)	04°34'15.2"	119.35	59.72	1253.50
CURVE	396189.362	2007795.266							
PT			N 36°55'00.7" E	0.00					
LINE	396189.362	2007795.266							
PC			N 50°40'43.8" E	194.65	27°31'26.7"(RT)	14°00'17.3"	196.53	100.20	409.12
CURVE	396312.704	2007945.848							
PT			N 64°26'27.2" E	18.86					
LINE	396320.841	2007962.861							
PC			N 76°04'24.9" E	181.69	23°15'55.4"(RT)	12°43'01.6"	182.95	92.75	450.54
CURVE	396364.570	2008139.212							
PT			N 87°42'22.6" E	6.92					
LINE	396364.846	2008146.122							
PC			S 79°56'34.9" E	210.70	24°42'05.0"(RT)	11°37'57.7"	212.34	107.85	492.54
CURVE	396328.052	2008353.588							
PT			S 67°35'32.5" E	478.29					
LINE	396145.729	2008795.769							
POT									

EY31

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	401082.728	2007779.605	S 36°57'12.6" E	1596.03					
LINE	399807.306	2008739.082							
PC			S 38°50'54.6" E	256.10	03°47'24.1"(LT)	01°28'46.7"	256.15	128.12	3872.30
CURVE	399607.853	2008899.724							
PT			S 40°44'36.7" E	2212.08					
LINE	397931.898	2010343.490							
POT									

EY32

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	412036.340	2009790.011	S 71°33'13.1" E	3236.00					
LINE	411012.415	2012859.746							
PC			S 76°23'30.2" E	269.92	09°40'34.1"(LT)	03°34'50.2"	270.24	135.44	1600.17
CURVE	410948.909	2013122.086							
PT			S 81°13'47.2" E	198.53					
LINE	410918.639	2013318.293							
POT									

EY33

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	410816.008	2012857.061	N 50°26'07.9" E	128.56					
LINE	410897.893	2012956.169							
PC			N 31°52'36.5" E	72.43	37°07'02.7"(LT)	50°21'17.0"	73.71	38.20	113.78
CURVE	410959.400	2012994.418							
PT			N 13°19'05.2" E	14.16					
LINE	410973.181	2012997.681							
POT									

EY34

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	414878.345	2012952.042							
LINE	415350.571	2012410.482	N 48°54'44.9" W	718.53					
PC			N 42°24'44.7" W	145.72	13°00'00.3"(RT)	08°54'07.4"	146.03	73.33	643.62
CURVE	415458.158	2012312.198							
PT			N 18°11'27.4" W	287.96	35°26'34.2"(RT)	12°06'46.6"	292.60	151.15	473.01
LINE	415731.727	2012222.302							
PC			N 00°28'10.3" W	0.34					
CURVE	415732.070	2012222.299							
PT			N 03°58'20.4" E	170.55	08°53'01.5"(RT)	05°12'13.4"	170.72	85.53	1101.05
LINE	415902.208	2012234.113							
PC			N 08°24'51.2" E	1945.93					
CURVE	417827.188	2012518.858							
PT			N 08°22'28.8" E	84.29	00°04'44.8"(LT)	00°05'37.9"	84.29	42.15	61052.09
LINE	417910.580	2012531.135							
PC			N 08°20'06.4" E	1201.86					
CURVE	419099.742	2012705.359							
PT			N 08°28'08.1" E	500.76	00°16'03.4"(RT)	00°03'12.4"	500.76	250.38	107216.10
LINE	419595.040	2012779.107							
PC			N 08°36'09.8" E	68.60					
CURVE	419662.867	2012789.368							
PT									

EY35

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	422439.594	2011854.692	S 37°33'03.0" E	748.63					
LINE	421846.071	2012310.955							
PC			S 57°43'06.8" E	415.87	40°20'07.7"(LT)	09°30'00.0"	424.58	221.52	603.11
CURVE	421623.963	2012662.546							
PT			S 77°53'10.7" E	1690.52					
LINE	421269.204	2014315.421							
PC			S 61°32'29.8" E	403.10	32°41'21.8"(RT)	08°00'00.0"	408.62	210.04	716.20
CURVE	421077.120	2014669.810							
PT			S 45°11'48.9" E	272.89					
LINE	420884.822	2014863.433							
POT									

EY36

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	427054.737	2015223.104	S 59°18'01.5" E	82.20					
LINE	427012.769	2015293.787							
PC			S 55°20'01.6" E	179.86	07°55'59.7"(RT)	04°24'26.5"	180.00	90.14	1300.00
CURVE	426910.468	2015441.715							
PT			S 48°52'01.8" E	249.92	05°00'00.0"(RT)	02°00'00.0"	250.00	125.08	2864.79
LINE	426746.068	2015629.952							
PC			S 46°22'01.8" E	937.79					
CURVE	42609								