


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. I-5987	SHEET NO. RW02C-19
Location and Surveys	
	
6750 TRYON ROAD CARY, NC 27518 phone: 919.851.9112 CALYXEngineers.com NC License # F-1333	

EY21									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	384471.265	2003662.213							
CURVE			N 20°39'37.1" E	24.96	56°11'24.4"(RT)	216°12'37.8"	25.99	14.15	26.50
PCC	384494.619	2003671.020							
CURVE			N 49°31'16.7" E	72.19	01°31'54.7"(RT)	02°07'19.2"	72.19	36.10	2700.07
PT	384541.480	2003725.928							
LINE			N 50°17'14.0" E	252.07					
POT	384702.538	2003919.835							

EY22									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	388069.088	2001836.345							
CURVE			S 54°46'04.3" E	215.18	01°57'02.4"(RT)	00°54'23.3"	215.19	107.61	6320.67
PCC	387964.952	2002012.109							
CURVE			S 52°47'48.0" E	157.18	01°59'30.2"(RT)	01°16'01.4"	157.19	78.60	4521.93
PCC	387869.911	2002137.305							
CURVE			S 50°27'45.3" E	337.29	02°40'35.1"(RT)	00°47'36.4"	337.32	168.69	7221.18
PT	387655.199	2002397.426							
LINE			S 49°07'27.7" E	1194.87					
PC	386873.251	2003300.908							
CURVE			S 49°32'30.2" E	83.47	00°50'04.8"(L T)	01°00'00.0"	83.47	41.73	5729.58
PT	386819.090	2003364.416							
LINE			S 49°57'32.6" E	1100.67					
PC	386110.989	2004207.074							
CURVE			S 48°13'58.1" E	345.20	03°27'09.0"(RT)	01°00'00.0"	345.25	172.68	5729.58
PCC	385881.050	2004464.543							
CURVE			S 48°29'13.9" E	751.32	03°57'40.6"(L T)	00°31'37.7"	751.47	375.88	10869.20
PCC	385383.084	2005027.137							
CURVE			S 56°54'43.9" E	420.98	12°53'19.4"(L T)	03°03'18.5"	421.87	211.83	1875.38
PCC	385153.262	2005379.849							
CURVE			S 65°20'02.7" E	146.24	03°57'18.2"(L T)	02°42'14.2"	146.27	73.16	2118.97
PCC	385092.231	2005512.746							
CURVE			S 72°46'44.8" E	330.82	10°56'06.0"(L T)	03°18'01.6"	331.32	166.16	1736.00
PT	384994.291	2005828.732							
LINE			S 78°14'47.8" E	100.55					
PC	384973.809	2005927.173							
CURVE			S 79°48'03.3" E	108.50	03°06'31.0"(L T)	02°51'53.2"	108.51	54.27	2000.00
PCC	384954.598	2006033.956							
CURVE			S 81°13'51.3" E	248.67	00°14'55.0"(RT)	00°05'59.9"	248.67	124.33	57310.63
PT	384916.688	2006279.716							

EY22-RPA									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	386055.387	2004272.246							
LINE			N 19°36'02.8" E	491.27					
PC	386518.188	2004437.049							
CURVE			N 07°38'29.7" E	290.55	23°55'06.2"(L T)	08°10'21.3"	292.67	148.50	701.07
PT	386806.154	2004475.684							
LINE			N 04°19'03.3" W	221.50					
PC	387027.021	2004459.009							
CURVE			N 02°56'45.7" E	354.90	14°31'38.1"(RT)	04°04'56.5"	355.86	178.89	1403.50
PT	387381.455	2004477.249							

EY22-RPB									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	386258.701	2004031.293							
LINE			N 10°59'15.4" E	471.84					
PC	386721.894	2004121.224							
CURVE			N 18°08'26.5" E	200.35	14°18'22.1"(RT)	07°07'19.2"	200.87	100.96	804.49
PT	386912.287	2004183.604							
LINE			N 25°17'37.5" E	269.52					
PC	387155.969	2004298.759							
CURVE			N 18°42'46.2" E	335.84	13°09'42.6"(L T)	03°54'37.5"	336.58	169.04	1465.21
PT	387474.060	2004406.507							

EY22-RPC									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	384916.167	2003624.372							
CURVE			N 12°44'47.2" E	369.29	13°42'31.2"(L T)	03°42'11.8"	370.18	185.98	1547.17
PT	385276.362	2003705.852							
LINE			N 05°53'31.6" E	220.36					
PC	385495.559	2003728.473							
CURVE			N 15°47'20.6" E	316.78	19°47'38.1"(RT)	06°13'02.6"	318.36	160.78	921.54
PT	385800.389	2003814.669							
LINE			N 25°41'09.7" E	506.04					
POT	386256.422	2004034.005							

EY22-RPD									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	384888.140	2003703.558							
CURVE			N 27°32'47.9" E	345.19	15°53'30.1"(RT)	04°35'20.4"	346.30	174.27	1248.55
PT	385194.198	2003863.199							
LINE			N 35°29'32.9" E	179.89					
PC	385340.663	2003967.642							
CURVE			N 27°38'10.2" E	334.61	15°42'45.5"(L T)	04°40'52.2"	335.66	168.89	1223.96
PT	385637.094	2004122.851							
LINE			N 19°46'47.4" E	443.79					
POT	386054.705	2004273.034							

EY23									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	387041.247	2003106.801							
CURVE			N 13°27'19.8" E	93.17	63°28'24.8"(L T)	64°41'35.7"	98.11	54.78	88.57
PT	387131.864	2003128.481							
LINE			N 18°16'52.6" W	211.11					
POT	387332.323	2003062.258							

EY24				
POINT	N	E	BEARING	DIST
POT	385693.606	2004667.206		
LINE			N 41°46'47.7" E	191.33
POT	385836.281	2004794.682		

EY25				
POINT	N	E	BEARING	DIST
POT	385324.769	2004667.597		
LINE			N 50°02'39.0" E	280.18
POT	385504.696	2004882.363		

EY26				
POINT	N	E	BEARING	DIST
POT	384984.654	2005409.171		
LINE			N 50°38'59.0" E	157.73
POT	385084.664	2005531.141		

EY27				
POINT	N	E	BEARING	DIST
POT	385067.430	2005575.467		
LINE			N 25°24'57.3" E	181.90
POT	385231.721	2005653.535		

EY28				
POINT	N	E	BEARING	DIST
POT	384810.652	2006009.311		
LINE			N 27°31'03.8" E	154.29
POT	384947.487	2006080.597		

EY28A				
POINT	N	E	BEARING	DIST
POT	384947.487	2006080.597		
LINE			N 27°10'45.6" E	182.04
POT	385109.422	2006163.747		

EY29				
POINT	N	E	BEARING	DIST
POT	396254.753	2006099.189		
LINE			S 10°22'13.3" E	4048.61
POT	392272.278	2006827.981		

EY29_RAMPA									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	394787.463	2006367.703							
LINE			N 79°37'46.7" E	23.14					
PC	394791.628	2006390.464							
CURVE			N 66°45'09.2" E	132.36	25°45'15.0"(L T)	19°17'39.1"	133.48	67.89	296.96
PT	394843.871	2006512.078							
LINE			N 53°52'31.6" E	255.88					
PC	394994.726	2006718.766							
CURVE			N 46°09'26.0" E	329.97	15°26'11.3"(L T)	04°39'50.3"	330.97	166.49	1228.47
PT	395223.292	2006956.756							
LINE			N 38°26'20.3" E	127.88					
POT	395323.459	2007036.258							

EY29_RAMPB									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	393654.580	2005887.019							