


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. I-5987	SHEET NO. RW02C-17
Location and Surveys	
	
6750 TRYON ROAD CARY, NC 27518 phone: 919.851.1912 CALYXEngineers.com NC License # F-1333	

EL_RT POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT	432241.206	2022843.729											
LINE			N 65°26'05.1" E	1334.12									
TS	432795.839	2024057.096											
SPIRAL			N 65°11'05.1" E	300.00						00°45'00.0"(L T)	300.00	200.00	100.00
SC	432921.746	2024329.393											
CURVE			N 58°54'17.9" E	2307.99	11°33'34.4"(L T)	00°30'00.0"	2311.91	1159.89	11459.16				
PT	434113.729	2026305.754											

EY2 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	326101.965	1996477.444							
LINE			N 39°25'17.4" W	139.21					
PC	326209.507	1996389.040							
CURVE			N 26°51'07.5" W	165.61	25°08'19.8"(RT)	15°03'27.6"	166.95	84.84	380.51
PT	326357.265	1996314.234							
LINE			N 14°16'57.6" W	302.19					
PC	326650.114	1996239.682							
CURVE			N 00°15'15.2" E	383.50	29°04'25.6"(RT)	07°30'00.0"	387.65	198.09	763.94
PT	327033.615	1996241.383							
LINE			N 14°47'28.0" E	6204.66					
PC	333032.668	1997825.405							
CURVE			N 32°36'37.6" E	350.67	35°38'19.3"(RT)	10°00'00.0"	356.39	184.17	572.96
PT	333328.056	1998014.390							
LINE			N 50°25'47.3" E	202.95					
POT	333457.342	1998170.836							

EY3 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	327303.718	1995807.912							
LINE			S 68°45'49.4" E	110.26					
PC	327263.781	1995990.681							
CURVE			N 63°00'49.3" E	135.64	96°26'42.6"(L T)	63°00'00.0"	153.09	101.80	90.95
PT	327325.333	1996111.555							
LINE			N 14°47'28.0" E	6090.78					
PC	333214.278	1997666.504							
CURVE			N 11°24'43.5" E	279.97	06°45'28.9"(L T)	02°24'44.8"	280.13	140.23	2375.01
PT	333488.713	1997721.900							
LINE			N 08°01'59.0" E	0.00					
PC	333488.713	1997721.900							
CURVE			N 11°20'58.2" E	166.44	06°37'58.2"(RT)	03°58'58.1"	166.54	83.36	1438.58
PT	333651.902	1997754.655							
LINE			N 14°39'57.3" E	244.72					
PC	333888.650	1997816.615							
CURVE			N 02°09'19.2" W	737.94	33°38'33.1"(L T)	04°29'37.6"	748.65	385.46	1275.00
PCC	334626.065	1997788.862							
CURVE			N 24°50'52.9" W	396.28	11°44'34.4"(L T)	02°57'29.1"	396.98	199.19	1936.93
PT	334985.662	1997622.338							
LINE			N 30°43'10.1" W	88.87					
POT	335062.064	1997576.939							

EY4 POINT	N	E	BEARING	DIST
POT	332444.687	1997670.152		
LINE			S 75°04'32.6" E	350.00
POT	332354.547	1998008.345		

EY5 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	335341.639	1997854.943							
LINE			S 31°37'54.1" E	38.65					
PC	335308.735	1997875.211							
CURVE			S 34°56'22.7" E	265.43	06°36'57.1"(L T)	02°29'28.0"	265.58	132.94	2300.00
PT	335091.147	1998027.226							
LINE			S 38°14'51.2" E	915.78					
POT	334371.946	1998594.149							

EY6 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	339833.302	1999748.862							
LINE			N 14°59'33.3" E	502.07					
PC	340318.280	1999878.745							
CURVE			N 60°05'58.4" E	36.90	90°12'50.2"(RT)	220°00'00.0"	41.01	26.14	26.04
PT	340336.674	1999910.733							
LINE			S 74°47'36.5" E	31.92					
POT	340328.301	1999941.539							

EY8 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	346159.845	1998814.503							
LINE			S 57°44'16.4" E	326.86					
PC	345985.372	1999090.898							
CURVE			S 74°53'57.7" E	552.79	34°19'22.6"(L T)	06°07'00.0"	561.14	289.27	936.72
PT	345841.363	1999624.596							
LINE			N 87°56'21.0" E	1397.67					
PC	345891.623	2001021.359							
CURVE			S 78°42'38.3" E	444.45	26°42'01.5"(RT)	05°57'11.9"	448.50	228.40	962.42
PCC	345804.616	2001457.210							
CURVE			S 54°14'33.9" E	368.89	22°14'07.3"(RT)	05°59'23.8"	371.21	187.97	956.53
PCC	345589.056	2001756.561							
CURVE			S 26°59'30.2" E	537.75	32°16'00.0"(RT)	05°55'16.6"	544.93	279.90	967.63
PT	345109.878	2002000.628							
LINE			S 10°51'30.2" E	34.70					
POT	345075.795	2002007.165							

EY11 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	353684.953	2001241.884							
LINE			S 54°57'09.4" E	29.36					
PC	353668.091	2001265.923							
CURVE			S 09°54'26.2" E	85.36	90°05'26.6"(RT)	95°00'00.0"	94.83	60.41	60.31
PT	353584.004	2001280.609							
LINE			S 35°08'17.1" W	467.20					
PC	353201.942	2001011.712							
CURVE			S 17°46'44.7" W	390.74	34°43'04.9"(L T)	08°45'00.0"	396.78	204.69	654.81
PT	352829.868	2000892.402							
LINE			S 00°25'12.2" W	409.16					
PC	352420.717	2000889.402							
CURVE			S 13°41'10.2" E	207.16	28°12'44.8"(L T)	13°28'52.9"	209.27	106.80	425.00
PCC	352219.437	2000938.417							
CURVE			S 39°39'00.0" E	170.78	23°42'54.8"(L T)	13°47'15.5"	172.00	87.25	415.56
PCC	352087.945	2001047.390							
CURVE			S 55°11'56.7" E	137.52	07°22'58.6"(L T)	05°21'53.6"	137.62	68.90	1067.98
PT	352009.459	2001160.314							
LINE			S 56°53'26.0" E	359.49					
PC	351823.720	2001468.102							
CURVE			S 54°37'59.0" E	364.59	08°30'53.9"(RT)	02°20'00.0"	364.93	182.80	2455.53
PT	351612.690	2001765.413							
LINE			S 50°22'32.1" E	349.36					
POT	351389.884	2002034.506							

EY12 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	351102.208	1999458.922							
LINE			N 33°32'19.3" E	801.30					
PC	351770.099	1999901.639							
CURVE			N 34°17'34.9" E	181.04	01°30'31.2"(RT)	00°50'00.0"	181.04	90.53	6875.49
PT	351919.666	2000003.640							
LINE			N 35°02'50.6" E	3115.03					
PC	354469.870	2001792.456							
CURVE			N 36°17'12.3" E	424.89	02°28'43.4"(RT)	00°35'00.0"	424.92	212.50	9822.13
PT	354812.360	2002043.919							
LINE			N 37°31'34.0" E	202.71					
POT	354973.125	2002167.394							

EY13 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	352348.746	2000304.614							
LINE			N 54°57'09.4" W	31.21					
PC	352366.668	2000279.063							
CURVE			N 09°51'02.1" W	85.44	90°12'14.8"(RT)	95°00'00.0"	94.95	60.53	60.31
PT	352450.854	2000264.445							
LINE			N 35°15'05.3" E	258.48					
PC	3526								