


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. I-5987	SHEET NO. RW02C-21
Location and Surveys	
	
6750 TRYON ROAD CARY, NC 27518 phone: 919.851.9112 CALYXengineers.com NC License # F-1333	

EY38									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	426021.498	2016379.506							
LINE			N 39°18'08.8" E	4.02					
PC	426024.611	2016382.054							
CURVE			N 19°14'56.1" E	137.16	40°06'25.4"(L T)	28°38'52.4"	140.00	73.01	200.00
PT	426154.102	2016427.271							
LINE			N 00°48'16.6" W	96.50					
PC	426250.594	2016425.916							
CURVE			N 02°06'34.7" E	67.27	05°49'42.6"(RT)	08°39'39.0"	67.30	33.68	661.55
PC	426317.817	2016428.392							
CURVE			N 21°02'44.4" E	168.37	32°02'36.7"(RT)	18°47'05.4"	170.58	87.59	305.01
PCC	426474.954	2016488.855							
CURVE			N 38°40'16.9" E	45.08	03°12'28.3"(RT)	07°06'56.7"	45.08	22.55	805.20
PT	426510.146	2016517.021							
LINE			N 40°16'31.1" E	387.52					
PC	426805.806	2016767.540							
CURVE			N 40°07'33.6" E	78.17	00°17'55.0"(L T)	00°22'55.1"	78.17	39.09	15000.00
PC	426865.579	2016817.920							
LINE			N 39°58'36.1" E	227.67					
PC	427040.045	2016964.193							
CURVE			N 40°15'27.9" E	49.05	00°33'43.5"(RT)	01°08'45.3"	49.05	24.53	5000.00
PT	427077.478	2016995.891							
LINE			N 40°32'19.6" E	196.60					
PC	427226.886	2017123.672							
CURVE			N 41°13'44.4" E	265.02	01°22'49.5"(RT)	00°31'15.1"	265.02	132.52	11000.00
PT	427426.200	2017298.337							
LINE			N 41°55'09.1" E	322.78					
PC	427666.380	2017513.983							
CURVE			N 41°46'42.6" E	49.12	00°16'53.1"(L T)	00°34'22.6"	49.12	24.56	10000.00
PT	427703.006	2017546.706							
LINE			N 41°38'16.1" E	213.78					
PC	427862.774	2017688.743							
CURVE			N 41°23'21.8" E	43.35	00°29'48.5"(L T)	01°08'45.3"	43.35	21.68	5000.00
PT	427895.300	2017717.408							
LINE			N 41°08'27.6" E	502.77					
PC	428273.928	2018048.184							
CURVE			N 42°43'52.8" E	77.55	03°10'50.5"(RT)	04°06'03.3"	77.56	38.79	1397.15
PCC	428330.893	2018100.807							
CURVE			N 49°02'45.7" E	118.67	09°26'55.3"(RT)	07°57'10.4"	118.81	59.54	720.44
PCC	428408.678	2018190.434							
CURVE			N 68°51'54.7" E	183.09	30°11'22.6"(RT)	16°17'56.0"	185.23	94.82	351.53
PCC	428474.693	2018361.208							
CURVE			N 89°03'17.4" E	38.91	10°11'22.7"(RT)	26°09'02.7"	38.96	19.53	219.10
PT	428475.335	2018400.117							
LINE			S 85°51'01.3" E	107.18					
PC	428467.579	2018507.020							
CURVE			N 79°49'32.5" E	39.58	28°38'52.4"(L T)	71°37'11.0"	40.00	20.43	80.00
PT	428474.572	2018545.982							
LINE			N 65°30'06.3" E	32.72					
PC	428488.140	2018575.759							
CURVE			S 63°14'33.3" E	112.99	18°03'25.2"(L T)	15°54'55.8"	113.46	57.20	360.00
PCC	428437.272	2018676.647							
CURVE			S 76°11'09.4" E	67.10	07°49'47.0"(L T)	11°39'35.0"	67.15	33.63	491.40
PT	428421.251	2018741.006							
LINE			S 80°06'02.9" E	196.22					
POT	428387.518	2018935.104							

EY41									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	429711.035	2018546.657							
LINE			S 89°25'02.4" E	49.03					
PC	429710.536	2018595.689							
CURVE			N 74°55'18.6" E	40.49	31°19'18.1"(L T)	76°23'39.7"	41.00	21.03	75.00
PCC	429721.069	2018634.786							
CURVE			N 56°58'08.9" E	39.99	04°35'01.2"(L T)	11°27'33.0"	40.00	20.01	500.00
PT	429742.867	2018668.312							
LINE			N 54°40'38.3" E	48.79					
PC	429771.076	2018708.119							
CURVE			N 56°36'39.4" E	34.31	03°52'02.2"(RT)	11°16'11.6"	34.32	17.16	508.40
PCC	429789.957	2018736.766							
CURVE			N 72°15'52.5" E	70.85	27°26'23.9"(RT)	38°21'34.7"	71.53	36.47	149.36
PCC	429811.540	2018804.250							
CURVE			S 83°02'38.1" E	89.45	21°56'35.0"(RT)	24°22'52.3"	90.00	45.56	235.00
PCC	429800.707	2018893.043							
CURVE			S 67°35'46.1" E	49.95	08°57'08.9"(RT)	17°54'17.8"	50.00	25.05	320.00
PC	429781.669	2018939.222							
CURVE			S 52°31'08.7" E	97.41	21°12'05.9"(RT)	21°38'25.8"	97.97	49.55	264.76
PT	429722.393	2019016.525							
LINE			S 41°55'05.8" E	81.83					
PC	429661.506	2019071.191							
CURVE			S 51°38'09.7" E	134.86	19°26'07.8"(L T)	14°20'32.1"	135.51	68.41	399.49
PT	429577.802	2019176.936							

EY39													
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT	426977.314	2016622.721											
LINE			N 38°52'29.8" E	497.07									
TS	427364.293	2016934.695											
SPIRAL			N 39°22'29.7" E	299.99						01°30'00.0"(RT)	300.00	200.01	100.01
CURVE	427596.189	2017125.007											
CS	427886.265	2017389.302											
SPIRAL			N 45°17'59.8" E	299.99						01°30'00.0"(RT)	300.00	200.01	100.01
ST	428097.278	2017602.535											
LINE			N 45°47'59.8" E	204.04									
TS	428239.524	2017748.810											
SPIRAL			N 44°18'00.0" E	299.92						04°30'00.0"(L T)	300.00	200.06	100.06
SC	428454.173	2017958.277											
CURVE			N 28°14'08.8" E	863.42	26°07'42.0"(L T)	03°00'00.0"	870.94	443.18	1909.86				
PCC	429214.851	2018366.760											
CURVE			N 11°49'42.3" E	334.13	06°41'11.0"(L T)	02°00'00.0"	334.32	167.35	2864.79				
PCC	429541.886	2018435.251											
CURVE			N 07°29'06.8" E	133.32	02°00'00.0"(L T)	01°30'00.2"	133.33	66.67	3819.60				
PT	429674.072	2018452.619											
LINE			N 06°29'06.8" E	487.04									
TS	430157.993	2018507.628											
SPIRAL			N 07°09'06.7" E	199.99						02°00'00.0"(RT)	200.00	133.34	66.67
SC	430356.427	2018532.527											
CURVE			N 14°07'36.7" E	563.25	11°16'59.9"(RT)	02°00'00.0"	564.17	283.00	2864.79				
CS	430902.647	2018670.000											
SPIRAL			N 21°06'06.5" E	199.98						01°59'59.6"(RT)	199.99	133.34	66.67
ST	431089.216	2018741.998											
LINE			N 21°46'06.3" E	362.80									
POT	431426.145	2018876.544											

EY40									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	428488.140	2018575.759							
CURVE			N 48°07'22.3" W	76.40	12°10'56.7"(RT)	15°54'55.8"	76.54	38.42	360.00
PCC	428539.140	2018518.873							
CURVE			N 27°45'38.8" W	137.56	28°32'30.2"(RT)	20°32'05.7"	138.99	70.97	279.02
PCC	428660.866	2018454.801							
CURVE			N 06°04'30.7" W	109.69	14°49'46.2"(RT)	13°28'52.9"	110.00	55.31	425.00
PCC	428769.943	2018443.192							
CURVE			N 03°56'15.1" E	95.33	05°11'45.3"(RT)	05°26'55.5"	95.36	47.71	1051.54
PT	428865.045	2018449.738							
LINE			N 06°32'07.8" E	1397.48					
PC	430253.442	2018608.797							
CURVE			N 07°53'54.4" E	100.74	02°43'33.4"(RT)	02°42'20.4"	100.75	50.38	2117.62
PCC	430353.226	2018622.640							
CURVE			N 11°02'37.8" E	199.97	03°33'53.3"(RT)	01°46'56.6"	200.00	100.03	3214.54
PCC	430549.490	2018660.946							
CURVE			N 15°04'12.3" E	222.63	04°29'15.8"(RT)	02°00'54.9"	222.69	111.40	2843.10
PCC	430764.464	2018718.830							
CURVE			N 19°17'00.5" E	164.97	03°56'20.7"(RT)	02°23'14.4"	165.00	82.53	2400.00
PT	430920.176	2018773.309							
LINE			N 21°15'10.9" E	148.89					
PC	431058.939	2018827.279							
CURVE			N 21°30'27.5" E	62.21	00°30'33.2"(RT)	00°49'06.6"	62.21	31.11	7000.00
PT	431116.821	2018850.089							
LINE			N 21°45'44.1" E	453.10					