


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
I-5987	RW02C-16
Location and Surveys	
	
<small>6750 TRYON ROAD CARY, NC 27518 phone: 919.851.9112 CALYXengineers.com NC License # F-1333</small>	

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT	389023.106	2004729.888											
LINE													
PC	392137.244	2005291.176	N 10°13'02.0" E	3164.32									
CURVE			N 22°25'32.0" E	1615.50	24°25'00.0"(RT)	01°30'00.0"	1627.79	826.44	3819.75				
PT	393630.574	2005907.462											
LINE			N 34°38'02.0" E	2356.89									
PC	395569.824	2007246.954	N 28°27'17.0" E	1541.79	12°21'30.0"(LT)	00°48'00.0"	1544.78	775.40	7161.93				
CURVE			N 22°16'32.0" E	4616.01									
PT	396925.356	2007981.562											
LINE			N 15°19'08.6" E	1807.82	13°54'46.8"(LT)	00°46'03.8"	1812.27	910.61	7463.18				
PC	401196.877	2009731.311											
CURVE			N 08°21'45.2" E	16798.32									
PT	402940.464	2010208.926											
LINE			N 14°35'00.2" E	2483.63	12°26'30.0"(RT)	00°29'59.9"	2488.52	1249.17	11460.00				
PC	419560.182	2012652.011											
CURVE			N 25°51'40.4" E	1997.40	10°06'50.4"(RT)	00°30'20.5"	2000.00	1002.60	11330.00				
PCC	421963.796	2013277.361											
CURVE			N 34°34'19.7" E	1503.36	07°18'28.3"(RT)	00°29'08.8"	1504.38	753.21	11794.79				
PCC	423761.167	2014148.615											
CURVE			N 38°13'33.9" E	1499.78									
PT	424999.055	2015001.688											
LINE			N 37°44'57.0" E	332.94	00°57'13.8"(LT)	00°17'11.3"	332.95	166.48	20000.00				
PC	426177.248	2015929.704											
CURVE			N 37°16'20.1" E	171.55									
PT	426440.504	2016133.533											
LINE			N 33°46'20.1" E	2798.26	07°00'00.0"(LT)	00°15'00.0"	2800.00	1401.74	22918.31				
PC	426577.022	2016237.427											
CURVE			N 30°16'20.1" E	102.94									
PT	428903.085	2017792.960											
LINE			N 30°53'50.1" E	299.99						01°52'30.0"(RT)	300.00	200.01	100.01
TS	428991.988	2017844.853											
SC	429249.402	2017998.895											
CURVE			N 47°51'12.6" E	2481.64	31°24'45.0"(RT)	01°15'00.0"	2513.00	1288.95	4583.66				
CS	430914.657	2019838.866											
SP	431042.338	2020110.322	N 64°48'35.2" E	299.99						01°52'30.0"(RT)	300.00	200.01	100.01
ST													
LINE			N 65°26'05.1" E	2984.41									
POT	432283.043	2022824.606											

ELA POINT	N	E	BEARING	DIST	DELTA	D	L	T	R				
POT	326281.273	1995935.379											
LINE			N 16°34'04.3" E	3.92									
PC	326285.026	1995936.496	N 15°40'46.2" E	236.89	01°46'36.3"(LT)	00°45'00.0"	236.90	118.46	7639.44				
CURVE			N 14°47'28.0" E	9481.72									
PT	326513.103	1996000.517											
LINE			N 15°11'49.8" E	324.85	00°48'43.7"(RT)	00°15'00.0"	324.85	162.43	22918.31				
PC	335680.624	1998421.159											
CURVE			N 15°36'11.7" E	6355.37									
PT	335994.113	1998506.315											
LINE			N 09°14'20.4" E	1270.23	12°43'42.5"(LT)	01°00'00.0"	1272.85	639.05	5729.58				
PC	342115.272	2000215.747											
CURVE			N 02°52'29.1" E	6069.60									
PT	343369.026	2000419.686											
LINE			N 01°41'03.8" E	952.22	02°22'50.6"(LT)	00°15'00.0"	952.29	476.21	22918.31				
PC	349430.990	2000724.095											
CURVE			N 00°29'38.5" E	7157.93									
PT	350382.800	2000752.085											
LINE													
POT	357540.467	2000813.803											

ELCRT POINT	N	E	BEARING	DIST	DELTA	D	L	T	R				
POT	395552.774	2007271.638											
LINE			N 34°38'02.0" E	51.40									
PC	395595.066	2007300.850	N 28°11'47.0" E	2141.33	12°52'30.0"(LT)	00°36'00.0"	2145.84	1077.46	9549.35				
CURVE			N 21°45'32.0" E	3901.02									
PT	397482.293	2008312.620											
LINE			N 15°04'02.0" E	1780.39	13°23'00.0"(LT)	00°45'00.0"	1784.44	896.30	7639.43				
PC	401105.369	2009758.732											
CURVE			N 08°22'32.0" E	130.22									
PT	402824.551	2010221.548											
LINE													
POT	402953.382	2010240.516											

ELNBL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R				
POT	327535.901	1996298.507											
LINE			N 14°47'28.0" E	8416.54									
PC	335673.546	1998447.215	N 15°11'49.8" E	324.85	00°48'43.7"(RT)	00°15'00.0"	324.85	162.43	22918.31				
CURVE			N 15°36'11.7" E	6371.81									
PT	335987.035	1998532.372											
LINE			N 09°14'20.4" E	1270.23	12°43'42.5"(LT)	01°00'00.0"	1272.85	639.05	5729.58				
PC	342124.024	2000246.224											
CURVE			N 02°52'29.1" E	6059.96									
PT	343377.778	2000450.164											
LINE			N 01°41'03.8" E	952.22	02°22'50.6"(LT)	00°15'00.0"	952.29	476.21	22918.31				
PC	349430.108	2000754.088											
CURVE			N 00°29'38.5" E	16681.06									
PT	350381.918	2000782.078											
LINE			N 02°16'26.4" E	1437.00	03°33'35.7"(RT)	00°14'51.7"	1437.23	718.84	23131.65				
PC	367062.355	2000925.910											
CURVE			N 04°03'14.3" E	10211.59									
PT	368498.220	2000982.927											
LINE			N 11°49'38.5" E	1554.75	15°32'48.5"(RT)	00°59'48.8"	1559.53	784.59	5747.45				
PC	378684.257	2001704.846											
CURVE			N 19°36'02.8" E	6603.58									
PT	380206.002	2002023.514											
LINE			N 14°54'18.8" E	653.58	09°23'28.0"(LT)	01°26'07.0"	654.31	327.89	3991.97				
PC	386426.922	2004238.779											
CURVE			N 10°12'34.8" E	1991.07									
PT	387058.506	2004406.893											
LINE													
POT	389018.047	2004759.811											

ELSBL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R				
POT	327549.940	1996245.286											
LINE			N 14°47'55.4" E	15385.97									
PC	342425.544	2000175.232	N 08°17'10.1" E	1732.95	13°01'30.5"(LT)	00°45'00.0"	1736.68	872.10	7639.44				
CURVE			N 01°46'24.9" E	3755.23									
PT	344140.400	2000424.979											
LINE			N 02°15'34.8" E	388.87	00°58'19.9"(RT)	00°15'00.0"	388.87	194.44	22918.31				
PC	347893.831	2000541.203											
CURVE			N 02°44'44.7" E	3302.00									
PT	348282.397	2000556.535											
LINE			N 01°37'11.6" E	900.63	02°15'06.2"(LT)	00°15'00.0"	900.69	450.40	22918.31				
PC	351580.604	2000714.715											
CURVE			N 00°29'38.5" E	14977.51									
PT	352480.876	2000740.175											
LINE			N 02°16'26.4" E	1423.83	03°33'35.7"(RT)	00°14'59.9"	1424.06	712.26	22919.80				
PC	367457.826	2000869.317											
CURVE			N 04°03'14.3" E	9739.83									
PT	368880.540	2000925.813											
LINE			N 11°49'38.5" E	1587.17	15°32'48.5"(RT)	00°58'35.5"	1592.05	800.94	5867.29				
PC	378595.997	2001614.380											
CURVE			N 19°36'02.8" E	6725.42									
PT	380149.470	2001939.692											
LINE			N 14°23'41.7" E	683.91	10°24'42.3"(LT)	01°31'13.1"	684.85	343.37	3768.71				
PC	386485.172	2004195.831											
CURVE			N 09°11'20.5" E	4831.31									
PT	387147.606	2004365.853											
LINE			N 21°54'41.2" E	1681.42	25°26'41.3"(RT)	01°30'03.2"	1695.32	861.87	3817.47				
PC	391916.917	2005137.376											
CURVE			N 34°38'02.0" E	207.51									
PT	393476.876	2005764.838											
LINE													
POT	393647.615	2005882.772											

EL_LT POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	432324.879	2022805.482	N 59°34'29.9" E	3899.70	11°43'10.3"(LT)	00°18'00.0"	3906.51	1960.09	19098.59
CURVE									
PT	434299.729	2026168.168							