


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. R-5709	SHEET NO. RW02C-9
Location and Surveys	
	
6750 TRYON ROAD CARY, NC 27518 phone: 919.851.9112 CALYXengineers.com NC License # F-1333	

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	500665.603	1871456.395							
LINE									
PC	501019.584	1873272.706	N 79°34'51.3" E	1846.76					
CURVE									
PT	501036.806	1873367.133	N 79°39'48.9" E	95.98	00°09'55.2"(RT)	00°10'20.1"	95.98	47.99	33264.79
LINE									
PC	501262.256	1874613.421	N 79°44'46.5" E	1266.52					
CURVE									
PT	501310.164	1874954.194	N 81°59'50.8" E	344.12	04°30'08.5"(RT)	01°18'28.9"	344.21	172.19	4380.35
LINE									
PC	501368.372	1877448.608	N 84°55'06.8" E	231.62	01°20'23.6"(RT)	00°34'42.5"	231.63	115.82	9904.73
CURVE									
PT	501330.679	1875184.905	N 85°35'18.6" E	1605.23					
LINE									
PC	501454.152	1876785.378	S 86°53'08.0" E	291.33	15°03'06.7"(RT)	05°09'06.4"	292.17	146.93	1112.16
CURVE									
PT	501438.324	1877076.277	S 79°21'34.7" E	378.84					
LINE									
PC	501368.372	1877448.608	S 80°25'52.2" E	203.59	02°08'35.0"(LT)	01°03'09.3"	203.60	101.81	5443.33
CURVE									
PT	501334.530	1877649.363	S 83°36'14.9" E	38.77	04°12'10.5"(LT)	10°50'18.8"	38.78	19.40	528.63
LINE									
PC	501330.211	1877687.890	S 85°42'20.2" E	184.42					
CURVE									
PT	501316.401	1877871.797	S 80°48'35.6" E	184.10	09°47'29.4"(RT)	05°18'43.5"	184.32	92.39	1078.59
LINE									
PC	501286.998	1878053.534	S 75°54'50.9" E	454.06					
CURVE									
PT	501176.491	1878493.942	S 75°47'58.9" E	105.91	00°13'44.0"(RT)	00°12'58.0"	105.91	52.95	26512.05
LINE									
PC	501150.510	1878596.614	S 75°41'06.9" E	1837.48					
CURVE									
PT	500696.196	1880377.046	S 75°13'01.4" E	355.40	00°56'11.0"(RT)	00°15'48.5"	355.41	177.71	21746.52
LINE									
PC	500605.512	1880720.683	S 74°44'55.9" E	433.69					
CURVE									
PT	500491.429	1881139.104	S 73°56'22.6" E	109.02	01°37'06.6"(RT)	01°29'04.4"	109.02	54.52	3859.48
LINE									
PC	500461.268	1881243.869	S 66°14'02.8" E	216.99	13°47'33.0"(RT)	06°20'27.6"	217.51	109.28	903.57
CURVE									
PT	500373.822	1881442.456	S 54°40'59.2" E	160.87	09°18'34.2"(RT)	05°46'50.5"	161.04	80.70	991.16
LINE									
PC	500280.825	1881573.718	S 45°07'05.2" E	145.74	09°49'13.9"(RT)	06°43'48.1"	145.92	73.14	851.35
CURVE									
PT	500177.982	1881676.986	S 39°06'15.0" E	115.45	02°12'24.9"(RT)	01°54'41.3"	115.46	57.74	2997.48
LINE									
PC	500088.393	1881749.805	S 38°00'03.3" E	805.35					
CURVE									
PT	499453.775	1882245.639	S 38°03'16.0" E	632.05	00°06'25.4"(LT)	00°01'01.0"	632.05	316.02	338299.35
LINE									
PC	498956.085	1882635.239	S 38°06'28.7" E	237.15					
CURVE									
PT	498769.485	1882781.594	S 38°01'10.3" E	685.11	00°10'36.8"(RT)	00°01'33.0"	685.11	342.55	221896.46
LINE									
PC	498229.757	1883203.572	S 38°03'30.0" E	340.70	00°15'16.3"(LT)	00°04'28.9"	340.70	170.35	76698.34
CURVE									
PT	497961.493	1883413.603	S 38°11'08.1" E	805.62					
LINE									
PC	497328.262	1883911.648	S 38°06'30.9" E	621.12	00°09'14.4"(RT)	00°01'29.3"	621.12	310.56	231107.59
CURVE									
PT	496839.535	1884294.977	S 38°01'53.7" E	674.85					
LINE									
PC	496307.978	1884710.748	S 37°50'46.0" E	64.15	00°22'15.3"(RT)	00°34'41.5"	64.15	32.08	9909.54
CURVE									
PT	496257.318	1884750.109	S 37°44'51.8" E	490.57	00°10'26.8"(LT)	00°02'07.8"	490.57	245.28	161439.73
LINE									
PC	495869.418	1885050.428	S 37°42'00.2" E	404.38	00°16'09.9"(RT)	00°03'59.8"	404.38	202.19	85997.69
CURVE									
PT	495549.466	1885297.716	S 34°23'24.0" E	350.07	06°21'02.4"(RT)	01°48'47.4"	350.25	175.30	3159.97
LINE									
PC	495260.582	1885495.445	S 31°12'52.8" E	405.13					
CURVE									
PT	494914.106	1885705.400	S 30°52'04.1" E	186.10	00°41'37.4"(RT)	00°22'21.9"	186.11	93.05	15371.08
LINE									
PC	494754.362	1885800.882	S 27°42'27.8" E	140.43	05°35'26.5"(RT)	03°58'46.5"	140.48	70.30	1439.74
CURVE									
PT	494630.036	1885866.176	S 24°04'57.7" E	97.46	01°39'33.9"(RT)	01°42'09.6"	97.46	48.73	3365.09
LINE									
PC	494541.062	1885905.944	S 23°15'10.7" E	902.63					
CURVE									
PT	493711.755	1886262.293	S 21°46'59.3" E	267.04	02°56'22.9"(RT)	01°06'02.6"	267.07	133.56	5205.23
LINE									
PC	493463.785	1886361.390	S 19°02'24.2" E	279.50	02°32'47.2"(RT)	00°54'39.6"	279.52	139.78	6289.38
CURVE									
PT	493199.576	1886452.571	S 17°53'35.5" E	157.55	00°15'09.8"(LT)	00°09'37.5"	157.55	78.77	35718.49
LINE									
PC	493049.650	1886500.976	S 20°17'14.1" E	184.18	04°32'07.3"(LT)	02°27'42.4"	184.23	92.16	2327.41
CURVE									
PT	492876.894	1886564.837	S 25°37'35.4" E	229.02	06°08'35.5"(LT)	02°40'51.9"	229.13	114.67	2137.03
LINE									
PC	492670.402	1886663.888	S 29°16'45.5" E	229.79	01°09'44.6"(LT)	00°30'21.1"	229.79	114.90	11326.45
CURVE									
PT	492469.974	1886776.268	S 29°51'37.8" E	1070.20					
LINE									
PC	491541.850	1887309.112	S 30°18'53.9" E	165.99	00°54'32.2"(LT)	00°32'51.3"	165.99	83.00	10463.59
CURVE									
PT	491398.555	1887392.897	S 31°01'11.5" E	538.55	00°30'03.0"(LT)	00°05'34.8"	538.55	289.28	61611.12
LINE									
PC	490937.025	1887670.430	S 31°03'22.7" E	402.78	00°25'40.6"(RT)	00°06'22.5"	402.78	201.39	53927.26
CURVE									
PT	490591.977	1887878.217	S 30°50'32.4" E	543.94					
LINE									
PC	490124.958	1888157.085	S 30°57'31.7" E	396.01	00°13'58.7"(LT)	00°03'31.8"	396.01	198.00	97391.66
CURVE									
PT	489785.368	1888360.799	S 31°04'31.1" E	193.52					
LINE									
PC	489619.622	1888460.686	S 31°00'12.2" E	605.34	00°08'37.8"(RT)	00°01'25.5"	605.34	302.67	241134.33
CURVE									
PT	489100.763	1888772.490	S 30°55'53.3" E	821.80					
LINE									
PC	488395.833	1889194.907	S 31°16'28.1" E	913.47	00°41'09.6"(LT)	00°04'30.4"	913.48	456.74	76294.48
CURVE									
PT	487615.098	1889669.126	S 31°27'49.0" E	185.71	00°18'27.9"(RT)	00°09'56.5"	185.71	92.86	34576.69
LINE									
PC	487456.690	1889766.059	S 31°22'22.0" E	334.93	00°07'33.9"(LT)	00°02'15.5"	334.93	167.46	152187.72
CURVE									
PT	487170.728	1889940.425	S 31°26'09.0" E	392.42					
LINE									
PC	486835.903	1890145.091	S 31°28'16.1" E	789.83	00°04'14.3"(LT)	00°00'32.2"	789.83	394.92	640729.07
CURVE									
PT	486162.252	1890557.438	S 31°30'23.3" E	945.41					
LINE									

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	485356.216	1891051.502	S 31°22'23.5" E	553.10	00°15'59.5"(RT)	00°02'53.5"	553.10	276.55	118905.35
CURVE									
PT	484883.984	1891339.451	S 31°18'58.8" E	451.84	00°09'01.0"(LT)	00°02'01.7"	451.84	225.92	169452.66
LINE									
PC	484497.975	1891574.299	S 31°27'28.3" E	1262.26	00°07'49.1"(LT)	00°00'37.2"	1262.26	631.13	555064.34
CURVE									
PT	483421.235	1892233.037	S 31°26'48.9" E	1344.73	00°09'07.9"(RT)	00°00'40.7"	1344.73	672.37	506198.94
LINE									
PC	482274.012	1892934.595	S 31°30'33.9" E	211.42	00°13'38.1"(LT)	00°07'23.7"	211.42	105.71	46486.94
CURVE									
PT	482093.751	1893045.064	S 31°22'01.7" E	562.55	00°31'42.6"(RT)	00°05'38.2"	562.55	281.28	60988.08
LINE									
PC	481613.421	1893337.880	S 31°17'04.0" E	300.77	00°21'47.2"(LT)	00°07'14.6"	300.77	150.39	47460.20
CURVE									
PT	481356.382	1893494.067	S 31°32'13.7" E	437.65	00°08'32.3"(LT)	00°01'57.1"	437.65	218.82	