

# SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. R-5709	SHEET NO. RW02C-10
Location and Surveys	
6750 TRYON ROAD CARY, NC 27518 phone: 919.851.1912 CALYXengineers.com NC License # F-1333	

EL		N	E	BEARING	DIST	DELTA	D	L	T	R
PC	POINT	457592.897	1908698.120							
PC	CURVE	457537.351	1908825.501	S 66°26'22.5" E	138.97	00°09'33.3"(L T)	00°06'52.5"	138.97	69.48	50000.00
PCC	CURVE			S 66°26'12.6" E	515.51	00°09'53.1"(RT)	00°01'55.0"	515.51	257.75	179288.93
PT	POINT	457331.272	1909298.024							
PC	POINT	457113.725	1909794.891	S 66°21'16.0" E	542.41					
PC	CURVE	457007.091	1910037.049	S 66°14'01.6" E	264.60	00°14'29.0"(RT)	00°05'28.4"	264.60	132.30	62006.31
PCC	CURVE	456907.964	1910268.269	S 66°47'40.3" E	251.57	01°21'46.5"(L T)	00°32'30.3"	251.58	125.80	10576.06
PT	POINT	456796.794	1910725.226	S 76°19'35.4" E	470.29	17°42'03.7"(L T)	03°44'56.2"	472.16	237.98	1528.32
PC	POINT	456781.743	1910913.076	S 85°26'18.4" E	189.25	00°31'22.2"(L T)	00°16'34.6"	189.25	94.63	20739.03
PC	CURVE	456758.098	1911228.334	S 85°41'59.5" E	315.35					
PCC	CURVE	456752.007	1911311.359	S 85°48'14.1" E	83.25	00°12'29.2"(L T)	00°15'00.0"	83.25	41.62	22918.31
PT	POINT	456705.571	1911960.449	S 85°54'28.7" E	650.75					
PC	CURVE	456683.858	1912247.129	S 85°40'07.6" E	287.50	00°28'42.4"(RT)	00°09'59.1"	287.50	143.75	34430.52
PCC	CURVE	456677.103	1912338.610	S 85°46'37.0" E	91.73	00°41'41.2"(L T)	00°45'26.7"	91.73	45.87	7564.73
PT	POINT	456668.565	1912459.871	S 85°58'20.5" E	121.56	00°18'14.1"(RT)	00°15'00.0"	121.56	60.78	22918.31
PC	POINT	456613.702	1913210.617	S 85°49'13.5" E	752.75					
PC	CURVE	456593.980	1913442.927	S 85°08'51.1" E	233.15	01°20'44.8"(RT)	00°34'38.0"	233.15	116.58	9926.28
PCC	CURVE	456534.969	1913731.190	S 78°25'50.1" E	294.24	12°05'17.2"(RT)	04°06'02.2"	294.79	147.94	1397.25
PT	POINT	456473.453	1913917.396	S 71°43'05.3" E	196.10	01°20'12.4"(RT)	00°40'54.0"	196.11	98.06	8405.38
PC	CURVE	456288.330	1914452.324	S 70°54'38.9" E	566.06	00°16'40.4"(RT)	00°02'56.7"	566.06	283.03	116707.73
PCC	CURVE	456250.281	1914562.312	S 70°55'02.4" E	116.38	00°17'27.4"(L T)	00°15'00.0"	116.38	58.19	22918.31
PT	POINT	456071.444	1915083.547	S 71°03'46.1" E	551.06					
PC	CURVE	456000.501	1915277.637	S 69°55'18.8" E	206.65	02°16'54.7"(RT)	01°06'14.9"	206.66	103.35	5189.17
PCC	CURVE	455723.756	1915731.091	S 58°36'14.8" E	531.23	20°21'13.2"(RT)	03°48'40.6"	534.04	269.86	1503.32
PT	POINT	455605.350	1915856.386	S 46°37'08.2" E	172.39	03°37'00.0"(RT)	02°05'51.4"	172.42	86.24	2731.49
PC	CURVE	454801.412	1916652.891	S 44°44'02.2" E	1131.70	00°09'12.1"(RT)	00°00'48.8"	1131.70	565.85	422821.12
PCC	CURVE	454730.157	1916723.402	S 44°41'56.5" E	100.25	00°05'00.7"(L T)	00°05'00.0"	100.25	50.12	68754.94
PT	POINT	453066.090	1918372.480	S 46°20'51.5" E	99.43	03°12'49.3"(L T)	03°13'54.7"	99.44	49.73	1772.85
PC	CURVE	452997.458	1918444.419	S 52°42'27.4" E	213.80	09°30'22.5"(L T)	04°26'28.6"	214.04	107.27	1290.07
PCC	CURVE	452867.922	1918614.506	S 61°37'53.9" E	213.27	08°20'30.4"(L T)	03°54'28.7"	213.46	106.92	1466.12
PT	POINT	452766.591	1918802.161	S 66°14'23.9" E	188.62	00°52'29.6"(L T)	00°27'49.8"	188.62	94.31	12352.65
PC	CURVE	452690.594	1918974.796	S 66°27'59.6" E	565.08	00°25'18.3"(RT)	00°04'28.7"	565.08	282.54	76765.30
PCC	CURVE	452464.967	1919492.875	S 66°26'45.0" E	705.49	00°22'49.2"(L T)	00°03'14.1"	705.49	352.75	106278.30
PT	POINT	452183.043	1920139.583	S 66°29'11.6" E	529.00	00°17'56.0"(RT)	00°03'23.4"	529.00	264.50	101405.66
PC	CURVE	451971.992	1920624.656	S 70°13'53.6" E	407.51	07°47'19.9"(L T)	01°54'35.5"	407.82	204.23	3000.00
PCC	CURVE	451834.164	1921008.151	S 74°07'33.5" E	6800.76					
PT	POINT	449974.001	1927549.563	S 71°13'05.4" E	210.63	05°48'56.4"(RT)	02°45'35.5"	210.72	105.45	2076.03

EY1		N	E	BEARING	DIST	DELTA	D	L	T	R
POT	POINT	501539.322	1870938.325							
LINE				S 31°15'03.6" E	1142.02					
PC	POINT	500563.005	1871530.792							
PC	CURVE	500453.633	1871596.194	S 30°52'42.6" E	127.44	00°44'41.9"(RT)	00°35'04.5"	127.44	63.72	9800.96
PCC	CURVE	500208.968	1871729.100	S 28°30'41.3" E	278.43	03°59'20.7"(RT)	01°25'56.6"	278.49	139.30	4000.00
PT	POINT	500100.452	1871782.756	S 26°18'36.5" E	121.06	00°24'49.0"(RT)	00°20'30.0"	121.06	60.53	16769.35
LINE				S 26°06'12.0" E	453.04					
POT	POINT	499693.626	1871982.087							

EY2A		N	E	BEARING	DIST
POT	POINT	501554.292	1873034.767		
LINE				S 24°36'32.1" W	694.76
POT	POINT	500922.633	1872745.452		

EY2B		N	E	BEARING	DIST	DELTA	D	L	T	R
POT	POINT	500922.461	1872744.519							
LINE				S 24°29'25.3" W	343.58					
PC	POINT	500609.792	1872602.091							
PC	CURVE	500274.723	1872482.137	S 19°41'49.9" W	355.89	09°35'10.7"(L T)	02°41'25.6"	356.31	178.57	2129.60
PT	POINT									

EY3A		N	E	BEARING	DIST	DELTA	D	L	T	R
POT	POINT	501635.083	1873342.147							
LINE				S 26°08'17.1" E	196.52	02°42'29.4"(L T)	01°22'40.6"	196.54	98.29	4158.05
PC	POINT	501458.662	1873428.720							
PC	CURVE	501346.613	1873487.030	S 27°29'31.8" E	126.31					
PCC	CURVE	501279.033	1873518.149	S 24°43'30.8" E	74.40	05°32'01.9"(RT)	07°25'06.3"	74.43	37.24	770.61
PT	POINT	501190.708	1873539.793	S 13°46'08.6" E	90.94	16°22'42.5"(RT)	17°56'57.4"	91.25	45.94	319.21
PC	CURVE	501121.133	1873542.303	S 02°03'57.9" E	69.62	07°01'38.9"(RT)	10°05'15.7"	69.66	34.88	567.98
PCC	CURVE			S 01°28'51.5" W	52.90					
PT	POINT	501068.252	1873540.966							

EY3B		N	E	BEARING	DIST	DELTA	D	L	T	R
POT	POINT	501067.993	1873539.537							
LINE				S 01°15'49.2" E	93.99					
PC	POINT	500974.026	1873541.610							
PC	CURVE	500825.178	1873538.829	S 01°04'13.7" W	148.87	04°40'06.0"(RT)	03°08'05.6"	148.92	74.50	1827.69
PCC	CURVE	500652.593	1873528.562	S 03°24'16.7" W	172.89					
PT	POINT	500564.598	1873527.865	S 00°27'13.2" W	88.00	05°54'07.1"(L T)	06°42'14.1"	88.04	44.06	854.66
PC	CURVE	500478.381	1873541.462	S 08°57'44.7" E	87.28	12°55'48.7"(L T)	14°46'57.9"	87.47	43.92	387.59
PCC	CURVE									
PT	POINT									

EY4		N	E	BEARING	DIST	DELTA	D	L	T	R
POT	POINT	501544.888	1874127.671							
LINE				S 60°33'21.1" E	97.80					
PC	POINT	501496.813	1874212.836							
PC	CURVE	501363.856	1874540.216	S 67°53'48.1" E	353.35	14°40'54.0"(L T)	04°08'37.2"	354.32	178.13	1382.73
PCC	CURVE	501340.699	1874628.094	S 73°00'57.9" E	40.92	04°26'34.3"(RT)	10°51'16.1"	40.93	20.48	527.85
PT	POINT	501328.746	1874667.230	S 39°42'28.9" E	65.37	62°10'24.0"(RT)	90°30'31.2"	68.69	38.17	63.30
LINE										
POT	POINT	501278.455	1874708.995							

EY5		N	E	BEARING	DIST	DELTA	D	L	T	R
POT	POINT	501652.950	1875258.985							
LINE				S 74°54'57.9" E	587.59					
PC	POINT	501500.039	1875826.329							
PC	CURVE	501458.445	1875998.479	S 76°25'00.2" E	177.10	03°00'04.6"(L T)	01°41'40.0"	177.12	88.58	3381.38
PCC	CURVE	501441.361	1876078.286	S 77°55'02.5" E	81.61					
PT	POINT	501435.977	1876096.724	S 73°43'13.6" E	19.21	08°23'37.7"(RT)	43°39'33.2"	19.23	9.63	131.23
PC	CURVE	501427.065	1876105.842	S 45°39'18.5" E	12.75	47°44'12.6"(RT)	03°40'35.4"	13.13	6.97	15.75
PCC	CURVE									
PT	POINT	501402.485	1876115.667	S 21°47'12.2" E	26.47					

EY6A		N	E	BEARING	DIST	DELTA	D	L	T	R
POT	POINT	502036.703	1876375.587							
LINE				S 03°28'36.8" E	56.46					
PC	POINT	501980.343	1876379.011							
PC	CURVE	501883.470	1876382.202	S 01°53'11.2" E	96.93	03°10'51.0"(RT)	03°16'52.7"	96.94	48.48	1746.12
PCC	CURVE									
PT	POINT	501423.231	1876384.580	S 00°17'45.7" E	460.24					

EY6B		N	E	BEARING	DIST	DELTA	D	L	T	R
POT	POINT	501423.317	1876385.696							
LINE				S 09°02'39.5" E	99.34					
PC	POINT	501325.212	1876401.312							