


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. R-5709	SHEET NO. RW02C-11
Location and Surveys	
	
6750 TRYON ROAD CARY, NC 27518 phone: 919.851.1912 CALYXengineers.com NC License # F-1333	

EY7									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	499119.508	1883910.611							
CURVE	498904.702	1883872.651	S 10°01'17.8" W	218.13	03°21'01.5"(L T)	01°32'08.6"	218.16	109.11	3730.86
PCC									
CURVE	498271.549	1883779.825	S 08°20'26.4" W	639.92	00°00'41.3"(L T)	00°00'06.5"	639.92	319.96	3195326.17
PCC									
CURVE	498120.218	1883757.462	S 08°24'21.9" W	152.97	00°08'32.3"(RT)	00°05'34.9"	152.97	76.49	61594.79
PT									
LINE	497918.986	1883727.470	S 08°28'38.0" W	203.45					
PC									
CURVE	497826.008	1883713.915	S 08°17'39.3" W	93.96	00°21'57.5"(L T)	00°23'22.2"	93.96	46.98	14710.44
PT									
LINE	497716.997	1883698.379	S 08°06'40.5" W	110.11					
PC									
CURVE	497653.298	1883656.003	S 33°38'02.1" W	76.51	51°02'43.2"(RT)	64°32'06.8"	79.10	42.39	88.78
PT									

EY8									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	497318.706	1883919.165							
CURVE	497227.584	1883850.851	S 36°51'31.1" W	113.89	17°12'17.9"(L T)	15°03'02.0"	114.31	57.59	380.69
PCC									
CURVE	497110.595	1883791.136	S 27°02'29.3" W	131.35	02°25'45.7"(L T)	01°50'57.9"	131.36	65.69	3098.04
PT									
LINE	496772.554	1883627.525	S 25°49'36.5" W	375.55					
POT									

EY9A									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	488768.199	1891224.136							
LINE			S 68°41'29.9" W	751.98					
PC	488494.940	1890523.565							
CURVE	488415.806	1890319.584	S 68°47'45.9" W	218.79	00°12'32.2"(RT)	00°05'43.8"	218.79	109.40	60000.00
PT									
LINE	488337.817	1890117.466	S 68°54'02.0" W	216.64					
PC	488337.817	1890117.466							
CURVE	488317.146	1890064.253	S 68°46'17.0" W	57.09	00°15'30.1"(L T)	00°27'09.3"	57.09	28.54	12659.55
PT									
LINE	488121.717	1889564.493	S 68°38'31.9" W	536.61					
PC									
CURVE	488059.574	1889397.583	S 69°34'44.8" W	178.10	01°52'25.8"(RT)	01°03'07.4"	178.11	89.06	5446.05
PT									

EY9B				
POINT	N	E	BEARING	DIST
POT	488059.574	1889397.583		
LINE			S 68°39'18.8" W	1385.64
POT	487555.230	1888106.988		

EY10A				
POINT	N	E	BEARING	DIST
POT	481149.704	1894367.229		
LINE			S 53°03'39.1" W	641.70
POT	480764.063	1893854.333		

EY10B									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	480761.154	1893856.027							
CURVE	480637.194	1893683.472	S 54°18'26.2" W	212.46	01°23'15.8"(L T)	00°39'11.3"	212.47	106.24	8772.44
PT									
LINE	480382.467	1893337.799	S 53°36'48.3" W	429.39					
POT									

EY11									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	477957.631	1895892.417							
CURVE	477983.764	1895859.490	N 51°33'44.6" W	42.04	06°12'41.2"(L T)	14°46'08.2"	42.06	21.05	387.95
PCC									
CURVE	478084.411	1895679.333	N 60°48'34.0" W	206.36	12°16'57.6"(L T)	05°56'25.9"	206.76	103.78	964.49
PCC									
CURVE	478137.513	1895383.263	N 79°49'54.3" W	300.79	25°45'43.0"(L T)	08°29'33.6"	303.34	154.28	674.65
PT									
LINE	478130.165	1895228.171	S 87°17'14.2" W	155.27					
POT									

EY12									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	473837.063	1898092.237							
LINE			S 03°01'09.4" W	133.62					
PC	473703.646	1898085.198							
CURVE	473644.334	1898082.418	S 02°41'01.2" W	59.38	00°40'16.3"(L T)	01°07'49.4"	59.38	29.69	5068.63
PCC									
CURVE	473460.070	1898073.413	S 02°47'52.8" W	184.48	00°53'59.6"(RT)	00°29'16.0"	184.49	92.24	11746.31
PCC									
CURVE	473182.483	1897929.466	S 27°24'34.5" W	312.69	48°19'23.8"(RT)	15°00'00.3"	322.15	171.36	381.97
PT									
LINE	473141.929	1897878.353	S 51°34'16.4" W	65.25					
POT									

EY13A									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	472167.080	1899575.596							
CURVE	472109.468	1899363.653	S 74°47'33.9" W	219.63	06°49'07.7"(RT)	03°06'10.1"	219.76	110.01	1846.59
PCC									
CURVE	472089.829	1899249.654	S 80°13'32.2" W	115.68	04°02'49.0"(RT)	03°29'51.7"	115.70	57.88	1638.10
PCC									
CURVE	472071.762	1899093.739	S 83°23'25.2" W	156.96	02°16'57.1"(RT)	01°27'14.8"	156.97	78.49	3940.23
PT									
LINE	472028.732	1898644.253	S 84°31'53.8" W	451.54					
POT									

EY13B				
POINT	N	E	BEARING	DIST
POT	472034.762	1898640.275		
LINE			S 88°12'25.7" W	688.47
POT	472013.222	1897952.146		

EY14									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	470525.784	1899635.734							
CURVE	470479.987	1899593.551	S 42°38'53.6" W	62.26	09°53'37.1"(L T)	15°52'12.7"	62.34	31.25	361.03
PCC									
CURVE	470427.560	1899554.720	S 36°31'32.3" W	65.24	02°21'05.5"(L T)	03°36'14.7"	65.25	32.63	1589.74
PT									
LINE	470022.997	1899267.744	S 35°20'59.6" W	496.01					
POT									

EY15A									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	465678.619	1904335.812							
LINE			S 58°28'12.2" W	77.94					
PC	465637.860	1904269.377							
CURVE	465603.964	1904215.118	S 58°00'24.5" W	63.98	00°55'35.4"(L T)	01°26'53.5"	63.98	31.99	3956.35
PCC									
CURVE	465576.515	1904171.529	S 57°48'04.0" W	51.51	00°30'54.4"(RT)	01°00'00.0"	51.51	25.76	5729.58
PT									
LINE	465396.002	1903881.987	S 58°03'31.2" W	341.20					
PC	465325.451	1903769.553							
CURVE	465325.451	1903769.553	S 57°53'32.0" W	132.74	00°19'58.3"(L T)	00°15'02.8"	132.74	66.37	22847.39
PCC									
CURVE	465211.862	1903579.146	S 59°10'53.5" W	221.71	02°54'41.3"(RT)	01°18'46.9"	221.74	110.89	4363.68
PT									

EY15B									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	465218.340	1903574.746							
LINE			S 55°48'58.2" W	68.26					
PC	465179.986	1903518.275							
CURVE	465116.539	1903458.934	S 43°05'05.9" W	86.87	25°27'44.5"(L T)	29°04'09.5"	87.59	44.53	197.10
PCC									
CURVE	464909.250	1903415.421	S 11°51'17.6" W	211.81	36°59'52.3"(L T)	17°09'56.9"	215.53	111.67	333.78
PCC									
CURVE	464842.007	1903433.897	S 15°21'48.9" E	69.74	17°26'20.7"(L T)	24°54'40.4"	70.00	35.28	230.00
PCC									
CURVE	464754.719	1903491.934	S 33°37'10.8" E	104.82	19°04'23.1"(L T)	18°06'43.1"	105.31	53.14	316.34
PCC									
CURVE	464633.734	1903588.547	S 38°36'32.8" E	154.83	09°05'39.1"(RT)	05°52'03.4"	154.99	77.66	976.48
PT									
LINE	464402.901	1903744.610	S 34°03'43.3" E	278.64					
PC	464311.613	1903832.935							
CURVE	464246.682	1903912.583	S 50°48'43.3" E	102.76	06°28'23.7"(RT)	06°17'45.6"	102.82	51.46	910.03
PCC									
CURVE	464186.638	1903964.478	S 40°50'11.3" E	79.36	13°28'40.4"(RT)	16°56'36.6"	79.55	39.96	338.16
PT									
LINE	463638.378	1904335.643	S 34°05'51.1" E	662.08					
PC	463617.474	1904349.863							
CURVE	463404.468	1904495.440	S 34°21'01.2" E	258.00					
PT									
LINE	463377.725	1904513.197	S 33°35'02.3" E	32.10	01°3				