


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. I-5987	SHEET NO. RW02C-18
Location and Surveys	
	
6750 TRYON ROAD CARY, NC 27518 phone: 919.851.1912 CALYXengineers.com NC License # F-1333	

EY16									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	365442.418	2000617.753							
CURVE			S 44°05'16.5" E	92.45	26°43'37.7(RT)	28°38'52.4"	93.30	47.51	200.00
PT	365376.012	2000682.077							
LINE			S 30°43'27.7" E	21.37					
PC	365357.640	2000692.996							
CURVE			S 27°07'52.1" E	37.60	07°11'11.0(RT)	19°05'54.9"	37.63	18.84	300.00
PT	365324.174	2000710.144							
LINE			S 23°32'16.6" E	28.57					
POT	365297.977	2000721.556							

EY17									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	369895.855	1999664.358							
LINE			N 50°35'27.7" E	1183.57					
PC	370647.247	2000578.825							
CURVE			N 49°17'37.9" E	129.71	02°35'39.6(LT)	02°00'00.0"	129.72	64.87	2864.79
PCC	370731.839	2000677.151							
CURVE			N 46°03'03.6" E	340.90	03°53'29.1(LT)	01°08'28.6"	340.97	170.55	5020.33
PT	370968.433	2000922.588							
LINE			N 44°06'19.0" E	708.83					
PC	371477.420	2001415.922							
CURVE			N 43°33'10.3" E	698.80	01°06'17.3(LT)	00°09'29.2"	698.81	349.42	36240.42
PCC	371983.869	2001897.413							
CURVE			N 43°03'28.5" E	952.91	00°06'53.7(RT)	00°00'43.4"	952.91	476.45	475060.14
PT	372660.123	2002547.998							

EY18													
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT	375394.059	2000539.136											
LINE			S 27°43'21.5" W	1.86									
PC	375392.408	2000538.269											
CURVE			N 57°10'41.1" E	314.72	58°54'39.3(RT)	17°54'17.8"	329.02	180.72	320.00				
PT	375562.995	2000802.745											
LINE			N 86°38'00.8" E	406.04									
PC	375586.838	2001208.088											
CURVE			N 45°14'24.6" E	158.69	82°47'12.5(LT)	47°44'47.3"	173.39	105.77	120.00				
PT	375698.580	2001320.771											
LINE			N 03°50'48.3" E	491.43									
PC	376188.902	2001353.740											
CURVE			N 03°56'59.6" E	35.99	00°12'22.4(RT)	00°34'22.6"	35.99	18.00	10000.00				
PT	376224.810	2001356.219											
LINE			N 04°03'10.8" E	949.13									
PC	377171.565	2001423.303											
CURVE			N 04°03'23.4" E	6.15	00°00'25.4(RT)	00°06'52.5"	6.15	3.07	50000.00				
PT	377177.696	2001423.738											
LINE			N 04°03'36.1" E	1446.79									
PC	378620.851	2001526.172											
CURVE			N 09°45'10.1" E	1130.82	11°23'08.0(RT)	01°00'18.7"	1132.68	568.21	5700.00				
PT	379735.324	2001717.730											
LINE			N 15°26'44.1" E	86.75									
TS	379818.937	2001740.833											
SS	380112.397	2001800.256								12°00'00.0(LT)	300.00	200.46	100.42
SPIRAL			N 11°26'49.5" E	299.42									
SS	380410.866	2001776.473								12°00'00.0(LT)	300.00	200.46	100.42
SPIRAL			N 04°33'21.2" W	299.42									
ST	380441.396	2001771.880											
LINE			N 08°33'15.9" W	30.87									
TS	380739.865	2001748.097								348°00'00.0(RT)	300.00	200.46	100.42
SPIRAL			N 04°33'21.2" W	299.42									
ST	380792.314	2001753.197											
LINE			N 05°33'14.1" E	52.70									
TS	381080.610	2001834.037								12°00'00.0(RT)	300.00	200.46	100.42
SPIRAL			N 15°39'49.5" E	299.42									
ST	382180.335	2002226.979											
LINE			N 19°39'44.1" E	1167.82									
POT													

EY19									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	382315.637	2000911.326							
CURVE			S 84°41'34.9" E	304.64	00°37'33.2(LT)	00°12'19.6"	304.64	152.32	27888.54
PT	382287.460	2001214.661							
LINE			S 85°00'21.5" E	714.35					
PC	382225.275	2001926.294							
CURVE			S 82°01'27.2" E	260.80	05°57'48.5(RT)	02°17'08.2"	260.91	130.58	2506.82
PCC	382189.088	2002184.569							
CURVE			S 74°42'15.0" E	266.49	08°40'35.9(RT)	03°15'10.0"	266.74	133.63	1761.44
PT	382118.788	2002441.619							
LINE			S 70°21'57.1" E	474.23					
PC	381959.442	2002888.272							
CURVE			S 61°05'19.0" E	332.74	18°33'16.3(RT)	05°33'06.9"	334.20	168.58	1032.00
PT	381798.575	2003179.544							
LINE			N 51°48'40.8" W	0.00					
PC	381798.577	2003179.542							
CURVE			S 43°26'50.2" E	250.73	16°43'41.4(RT)	06°38'52.7"	251.63	126.72	861.85
PCC	381616.541	2003351.969							
CURVE			S 34°08'59.5" E	143.18	01°51'59.9(RT)	01°18'13.3"	143.18	71.60	4394.90
PCC	381498.053	2003432.342							
CURVE			S 33°01'41.4" E	454.17	00°22'36.2(RT)	00°04'58.6"	454.17	227.09	69075.48
PCC	381117.274	2003679.889							
CURVE			S 32°56'03.7" E	384.05	00°11'20.8(LT)	00°02'57.3"	384.05	192.03	116354.33
PCC	380794.944	2003888.688							
CURVE			S 34°01'24.7" E	161.73	01°59'21.1(LT)	01°13'47.5"	161.74	80.88	4658.76
PT	380660.897	2003979.184							

EY20				
POINT	N	E	BEARING	DIST
POT	381731.785	2003254.652		
LINE			N 53°32'29.4" E	606.56
POT	382092.228	2003742.502		

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

REVISIONS