


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
I-5987	RW02C-22
Location and Surveys	
	
6750 TRYON ROAD CARY, NC 27518 phone: 919.851.1912 CALYXengineers.com NC License # F-1333	

EY42													
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT	428217.405	2017279.410											
LINE	428325.908	2017348.289	N 32°24'28.3" E	128.52									
PC	428325.908	2017348.289											
CURVE			N 31°32'18.2" E	100.27	01°44'20.2"(L T)	01°44'03.3"	100.27	50.14	3303.80				
PCC	428411.364	2017400.735											
CURVE	428499.013	2017448.839	N 28°45'32.6" E	99.98	03°49'11.0"(L T)	03°49'11.0"	100.00	50.02	1500.00				
PCC	428714.957	2017553.542											
CURVE	428714.957	2017553.542	N 25°52'01.2" E	239.99	01°57'51.9"(L T)	00°49'06.6"	240.00	120.01	7000.00				
PCC	428851.696	2017615.199											
CURVE	428851.696	2017615.199	N 24°16'15.2" E	150.00	01°13'40.0"(L T)	00°49'06.6"	150.00	75.00	7000.00				
CS	429125.937	2017736.765								00°44'59.8"(RT)	299.98	199.99	99.99
SPIRAL	429125.937	2017736.765	N 23°54'25.2" E	299.98									
SC	429576.604	2017953.240											
CURVE	429576.604	2017953.240	N 25°39'25.1" E	499.96	02°30'00.0"(RT)	00°30'00.0"	500.00	250.04	11459.16				
CS	429842.912	2018091.322								00°44'59.8"(RT)	299.98	199.99	99.99
SPIRAL	429842.912	2018091.322	N 27°24'25.0" E	299.98									
ST	430093.442	2018222.613											
LINE	430093.442	2018222.613	N 27°39'24.9" E	282.85									
TS	430361.522	2018357.191								03°00'00.0"(L T)	300.00	200.03	100.03
SPIRAL	430361.522	2018357.191	N 26°39'25.0" E	299.96									
SC	430903.658	2018542.980											
CURVE	430903.658	2018542.980	N 18°54'59.2" E	573.09	11°28'51.4"(L T)	02°00'00.0"	574.05	287.99	2864.79				
CS	430903.658	2018542.980								03°00'00.0"(L T)	300.00	200.03	100.03
SPIRAL	430903.658	2018542.980	N 11°10'33.4" E	299.96									
ST	430903.658	2018542.980											

EY43													
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
PC	433113.570	2022815.760											
CURVE	433095.120	2022828.353	S 34°18'55.2" E	22.34	00°53'36.7"(RT)	04°00'00.0"	22.34	11.17	1432.39				
CS	432835.086	2022977.687								06°00'00.8"(RT)	300.01	200.12	100.11
SPIRAL	432835.086	2022977.687	S 29°52'05.7" E	299.86									
ST	431931.950	2023455.234											
LINE	431931.950	2023455.234	S 27°52'06.1" E	1021.62									
TS	431755.752	2023549.938								01°10'00.8"(L T)	200.04	133.36	66.68
SPIRAL	431755.752	2023549.938	S 28°15'26.3" E	200.04									
SC	431242.119	2023878.342											
CURVE	431242.119	2023878.342	S 32°35'37.7" E	609.65	07°07'01.6"(L T)	01°10'00.0"	610.04	305.41	4911.07				
PT	431242.119	2023878.342											

EY44				
POINT	N	E	BEARING	DIST
POT	431535.764	2023344.537		
LINE			N 74°20'34.7" E	297.07
POT	431615.937	2023630.585		

EY45									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	431615.937	2023630.585							
LINE	431696.709	2023696.050	N 39°01'28.1" E	103.97					
PC	431881.548	2023796.213							
CURVE	431881.548	2023796.213	N 28°27'10.6" E	210.23	21°08'35.0"(L T)	09°59'59.9"	211.43	106.93	572.96
PT	432194.960	2023897.330							
LINE	432194.960	2023897.330	N 17°52'53.1" E	329.32					
PC	432428.217	2024003.515							
CURVE	432428.217	2024003.515	N 24°28'34.7" E	256.29	13°11'23.2"(RT)	05°08'06.3"	256.86	129.00	1115.77
PCC	432502.061	2024054.853							
CURVE	432502.061	2024054.853	N 34°48'28.3" E	89.94	07°28'24.1"(RT)	08°18'13.5"	90.00	45.06	690.00
PCC	432774.368	2024384.734							
CURVE	432774.368	2024384.734	N 50°27'40.7" E	427.75	23°50'00.7"(RT)	05°31'54.2"	430.85	218.59	1035.77
PCC	432789.374	2024416.345							
CURVE	432789.374	2024416.345	N 64°36'22.5" E	34.99	04°27'22.8"(RT)	12°43'56.6"	35.00	17.51	450.00
PCC	432836.608	2024544.825							
CURVE	432836.608	2024544.825	N 69°48'53.5" E	136.89	05°57'39.2"(RT)	04°21'09.4"	136.95	68.54	1316.35
PT	433123.371	2025470.941							
LINE	433123.371	2025470.941	N 72°47'43.2" E	969.50					
POT	433123.371	2025470.941							

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