


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
U-5873 & U-5907	RW02C-3
Location and Surveys	
 CALYX <small>ENGINEERS - CONSULTANTS</small>	
<small>7500 EAST INDEPENDENCE BOULEVARD, SUITE 100 CHARLOTTE, NC 28227 phone: 704.537.7300 CALYXengineers.com NC License # F-1333</small>	

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	638418.127	1447001.029							
LINE			N 10°55'07.1" E	691.31					
PC	639096.921	1447131.973							
CURVE			N 17°24'54.7" E	107.49	12°59'35.2"(RT)	12°03'44.2"	107.72	54.09	475.00
PCC	639199.480	1447164.143							
CURVE			N 33°36'37.1" E	101.08	19°23'49.5"(RT)	19°05'54.9"	101.56	51.27	300.00
PCC	639283.661	1447220.094							
CURVE			N 50°15'21.1" E	108.86	13°53'38.5"(RT)	12°43'56.6"	109.12	54.83	450.00
PCC	639353.259	1447303.794							
CURVE			N 66°34'17.6" E	73.25	18°44'14.7"(RT)	25°27'53.2"	73.58	37.12	225.00
PT	639382.385	1447371.009							
LINE			N 75°56'25.0" E	76.31					
POT	639400.924	1447445.038							

EL1 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	639400.924	1447445.038							
LINE			N 18°29'08.3" E	108.90					
PC	639504.210	1447479.568							
CURVE			N 24°15'04.7" E	99.49	11°31'52.9"(RT)	11°34'13.6"	99.66	50.00	495.19
PCC	639594.924	1447520.434							
CURVE			N 30°01'01.2" E	77.29					
PC	639661.849	1447559.100							
CURVE			N 30°11'05.0" E	100.00	00°20'07.7"(RT)	00°20'07.7"	100.00	50.00	17079.56
PT	639748.290	1447609.378							
LINE			N 30°21'08.8" E	274.09					
PC	639984.808	1447747.879							
CURVE			N 30°10'55.7" E	100.00	00°20'26.2"(LT)	00°20'26.2"	100.00	50.00	16820.86
PT	640071.251	1447798.154							
LINE			N 30°00'42.6" E	254.17					
PC	640291.344	1447925.285							
CURVE			N 32°51'18.8" E	158.74	05°41'12.3"(RT)	03°34'51.6"	158.80	79.47	1600.00
PT	640424.691	1448011.404							
LINE			N 35°41'54.9" E	75.59					
PC	640486.079	1448055.513							
CURVE			N 38°47'37.2" E	149.78	06°11'24.5"(RT)	04°07'50.8"	149.85	75.00	1387.05
PT	640602.819	1448149.354							
LINE			N 41°53'19.4" E	135.95					
PC	640704.029	1448240.128							
CURVE			N 42°10'05.7" E	150.00	00°33'32.4"(RT)	00°22'21.6"	150.00	75.00	15374.09
PT	640815.205	1448340.824							
LINE			N 42°26'51.9" E	154.65					
PC	640929.320	1448445.200							
CURVE			N 44°35'55.8" E	75.07	04°18'07.9"(RT)	05°43'46.5"	75.09	37.56	1000.00
PCC	640982.773	1448497.910							
CURVE			N 43°42'01.3" E	47.35	06°05'57.0"(LT)	12°52'31.6"	47.37	23.71	445.00
PT	641017.004	1448530.622							
LINE			N 40°39'02.8" E	242.82					
PC	641201.233	1448688.808							
CURVE			N 37°37'13.7" E	49.93	06°03'38.3"(LT)	12°07'57.4"	49.95	25.00	472.25
PT	641240.781	1448719.287							
LINE			N 34°35'24.5" E	221.57					
PC	641423.188	1448845.075							
CURVE			N 35°19'14.9" E	50.00	01°27'40.8"(RT)	02°55'22.1"	50.00	25.00	1960.30
PT	641463.981	1448873.981							
LINE			N 36°03'05.3" E	230.00					
POT	641649.937	1449009.340							

EL2 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	641949.941	1448730.661							
CURVE			N 70°37'36.6" E	84.13	30°36'05.9"(LT)	35°56'40.6"	85.14	43.61	159.40
PT	641977.848	1448810.025							
LINE			N 55°19'33.7" E	35.22					
PC	641997.884	1448838.989							
CURVE			N 15°39'53.9" E	41.97	79°19'19.6"(LT)	174°15'26.1"	45.52	27.26	32.88
PCC	642038.296	1448850.322							
CURVE			N 19°24'13.3" W	32.03	09°11'05.1"(RT)	28°38'52.4"	32.06	16.06	200.00
PT	642068.504	1448839.682							
LINE			N 14°48'40.8" W	566.46					
PC	642616.138	1448694.875							
CURVE			N 12°02'41.8" W	96.53	05°31'58.0"(RT)	05°43'46.5"	96.57	48.32	1000.00
PT	642710.541	1448674.732							
LINE			N 09°16'42.8" W	168.21					
PC	642876.551	1448647.610							
CURVE			N 09°42'43.8" W	100.00	00°52'02.0"(LT)	00°52'02.0"	100.00	50.00	6606.75
PT	642975.115	1448630.741							
LINE			N 10°08'44.8" W	60.70					
PC	643034.868	1448620.048							
CURVE			N 15°21'34.8" W	49.79	10°25'40.1"(LT)	20°54'48.1"	49.86	25.00	273.97
PT	643082.883	1448606.859							
LINE			N 20°34'24.8" W	248.79					
PC	643315.804	1448519.432							
CURVE			N 17°32'40.4" W	126.82	06°03'29.0"(RT)	04°46'28.7"	126.88	63.50	1200.00
PT	643436.725	1448481.202							

EY1 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	639523.431	1446932.796							
LINE			S 72°43'15.3" E	131.27					
PC	639484.440	1447058.142							
CURVE			S 56°36'41.8" E	172.93	32°13'07.0"(RT)	18°23'10.6"	175.23	90.00	311.62
PCC	639389.273	1447202.533							
PT			S 40°30'08.3" E	89.14					
POT	639321.494	1447260.427							

EY2 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	639400.924	1447445.038							
LINE			N 75°56'25.0" E	501.98					
PC	639522.871	1447931.977							
CURVE			N 73°48'46.6" E	59.39	04°15'16.8"(LT)	07°09'43.1"	59.41	29.72	800.00
PCC	639539.429	1447989.015							
CURVE			N 68°32'37.9" E	52.61	06°17'00.5"(LT)	11°56'11.8"	52.64	26.35	480.00
PCC	639558.674	1448037.983							
CURVE			N 59°39'54.0" E	103.96	11°28'27.2"(LT)	11°01'06.3"	104.14	52.24	520.00
PCC	639611.181	1448127.712							
CURVE			N 41°49'24.1" E	260.02	24°12'32.6"(LT)	09°14'28.5"	261.97	132.97	620.00
PT	639804.951	1448301.105							

EY3 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	643123.924	1447902.465							
LINE			S 86°27'04.2" E	710.34					
PC	643079.954	1448611.440							
CURVE			S 84°12'17.5" E	235.17	04°29'33.2"(RT)	01°54'35.5"	235.23	117.68	3000.00
PT	643056.209	1448845.408							
LINE			S 81°57'30.9" E	450.73					
POT	642993.157	1449291.704							

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