


PROJECT REFERENCE NO. U-5748	SHEET NO. RW02C-3
Location and Surveys	
 CALYX <small>ENGINEERS - CONSULTANTS</small> 7500 EAST INDEPENDENCE BOULEVARD, SUITE 100 CHARLOTTE, NC 28227 phone: 704.533.7300 CALYXengineers.com NC License # F-1333	

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	779371.673	2138899.322	N 42°33'35.3" E	34.983					
LINE	778942.963	2141178.422	N 53°17'13.8" E	2125.17	21°27'17.8" RT	81°00'13.2"	2137.54	1881.48	5788.65
PT	779813.495	2142874.051	N 64°00'52.2" E	2121.72					

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	781074.715	2148977.779	S 23°09'37.5" W	35.76					
LINE	781042.891	2148953.144	S 25°57'16.5" W	248.78	81°43'02.5" RT	84°48'09.8"	35.76	17.88	1192.98
LINE	788818.475	2148854.238	S 26°57'24.0" W	1344.86					
LINE	779515.737	2148245.487	S 23°31'38.5" W	155.29	85°27'47.8" RT	84°03'19.8"	155.37	75.77	1412.87
LINE	779473.835	2148182.485	S 13°28'53.5" E	185.35					
LINE	779289.554	2148135.333	S 86°32'18.1" W	149.52					
LINE	779141.787	2148121.381	S 85°58'37.0" W	233.82	81°24'06.7" RT	88°35'33.8"	233.83	118.52	9539.51
LINE	778985.894	2148097.655	S 82°07'21.5" E	185.35	85°03'24.5" RT	85°44'48.8"	185.44	52.77	997.41
LINE	778884.579	2148074.753	S 10°57'05.2" E	322.97					
LINE	778787.437	2148055.111	S 28°53'58.8" E	793.33					
PT	777745.838	2148133.378							

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	777745.838	2148133.378	S 35°18'47.5" E	117.48					
LINE	777651.638	2148097.241	S 59°38'15.5" E	524.52	48°22'56.7" RT	88°57'08.9"	548.44	287.51	648.88
LINE	777581.858	2148053.284	S 89°38'12.7" E	431.18	11°45'57.5" RT	82°43'42.1"	431.86	216.59	2188.88
LINE	777581.749	2141298.252	N 84°31'18.3" E	828.18					
LINE	777478.843	2142285.558	N 87°18'25.9" E	212.87	85°18'17.2" RT	82°29'28.8"	212.95	185.55	2388.88

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	777948.782	2148351.981	N 61°49'04.9" E	111.98	17°14'35.1" RT	18°21'03.5"	112.33	55.59	373.24
LINE	778882.218	2148468.872	N 52°41'47.4" E	63.88					
LINE	778821.874	2148510.819	N 43°45'32.2" E	93.28	17°44'38.5" RT	18°56'35.1"	93.56	47.21	382.45
LINE	778188.373	2148875.415	N 14°10'14.7" E	186.14	21°34'04.6" RT	24°28'27.1"	185.84	88.85	234.11
LINE	778289.481	2148815.889	N 17°12'05.5" W	131.14					
LINE	778354.737	2148577.385	N 27°47'25.3" W	142.87					
LINE	778528.418	2148811.868	N 28°56'55.1" W	72.58	13°41'08.3" RT	18°49'47.2"	72.57	35.51	384.28
LINE	778588.122	2148485.149	N 88°19'33.5" W	38.21	11°33'31.8" RT	38°11'49.9"	38.25	15.18	158.88
LINE	778518.813	2148488.773	N 88°54'16.7" E	82.23	22°54'21.4" RT	27°48'12.9"	82.78	41.95	287.87
LINE	778595.253	2148493.582	N 59°25'44.7" E	185.45	78°08'34.5" RT	43°23'27.1"	188.89	107.28	132.85
LINE	778783.513	2148635.819	S 75°28'38.8" E	57.22	10°02'54.5" RT	17°32'23.1"	57.29	28.72	325.55
LINE	778718.532	2148692.449	S 71°27'03.5" E	92.38					
LINE	778748.352	2148788.681	S 75°34'15.1" E	71.17	15°14'31.2" RT	22°44'44.3"	71.41	35.94	251.58
LINE	778728.871	2148858.934	N 88°27'48.8" E	195.17	23°41'38.7" RT	12°03'09.7"	195.57	95.71	475.38
LINE	778768.214	2141043.857	N 58°54'35.2" E	112.54	19°24'39.8" RT	17°05'57.6"	113.88	57.83	333.77
PT	778818.527	2141193.439							

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	777472.158	2148832.885	N 17°57'53.9" E	43.47					
LINE	777493.544	2148845.494	N 44°04'21.4" E	113.68	52°12'54.8" RT	44°23'24.4"	117.63	63.25	129.87
LINE	777535.158	2148924.518	N 63°04'42.4" E	92.68	82°12'12.6" RT	82°22'45.9"	92.81	45.31	2487.99
LINE	777588.227	2141811.888	N 54°08'08.9" E	98.73	27°48'54.4" RT	38°12'48.4"	91.82	45.72	189.64
LINE	777621.384	2141884.536	N 39°48'53.5" E	191.68	81°13'24.5" RT	88°38'17.8"	191.88	95.85	8976.73
LINE	777788.899	2141285.932	N 39°04'17.2" E	184.34					
PT	777849.382	2141272.595							

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	777373.296	2141258.948	S 88°25'57.8" W	155.24					
LINE	777218.878	2141255.873	S 85°04'13.1" E	82.45	13°48'28.5" RT	21°58'18.9"	82.51	31.45	252.35
PT	777195.382	2141253.477							

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	779725.381	2142855.158	S 88°03'42.5" W	78.74					
LINE	779655.641	2142855.873	S 16°42'01.7" E	193.77	33°51'28.5" RT	23°52'23.7"	141.82	73.85	248.88
LINE	779521.884	2142135.528	S 33°47'45.8" E	115.52					
PT	779425.886	2142149.884							

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.

6/2/09

REVISIONS

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