

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. U-5826	SHEET NO. RW02C-5
Location and Surveys	
ESP ASSOCIATES, INC 2200 GATEWAY CENTRE BLVD, SUITE 216 MORRISVILLE, NC 27560	

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	781194.437	2114556.820							
LINE			N 77°54'32.6" E	5.16					
PC	781195.518	2114561.867							
CURVE			N 59°37'39.3" E	752.84	36°33'46.6"(LT)	04°46'28.7"	765.77	396.43	1200.00
PT	781576.170	2115211.389							
LINE			N 41°20'46.0" E	612.34					
POT	782035.876	2115615.906							
LINE			N 41°20'46.0" E	264.55					
PC	782234.482	2115790.669							
CURVE			N 44°26'52.5" E	620.06	06°12'13.0"(RT)	01°00'00.0"	620.36	310.48	5729.58
PT	782677.134	2116224.872							
LINE			N 47°32'59.0" E	401.08					
PC	782947.846	2116520.817							
CURVE			N 44°52'21.4" E	420.37	05°21'15.2"(LT)	01°16'23.7"	420.52	210.41	4500.00
PT	783245.751	2116817.400							
LINE			N 42°11'43.8" E	902.13					
PC	783914.100	2117423.327							
CURVE			N 35°19'42.9" E	228.35	13°44'01.7"(LT)	06°00'00.0"	228.90	115.00	954.93
PT	784100.398	2117555.373							
LINE			N 28°27'42.1" E	2.77					
PC	784102.830	2117556.691							
CURVE			N 21°38'53.2" E	388.43	13°37'37.7"(LT)	03°30'00.0"	389.35	195.60	1637.02
PT	784463.863	2117699.985							
LINE			N 14°50'04.4" E	328.90					
PC	784781.796	2117784.192							
CURVE			N 24°40'07.5" E	674.65	19°40'06.3"(RT)	02°54'03.8"	677.98	342.36	1975.00
PT	785394.876	2118065.772							
LINE			N 34°30'10.7" E	10.99					
PC	785403.931	2118071.996							
CURVE			N 37°07'59.6" E	688.36	05°15'37.9"(RT)	00°45'50.2"	688.60	344.54	7500.00
PT	785952.715	2118467.539							
LINE			N 39°45'48.6" E	151.22					
POT	786068.958	2118584.263							
LINE			N 39°45'48.6" E	519.88					
POT	786468.587	2118916.791							

ELP_C POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	781863.632	2114994.303							
LINE			N 22°46'53.3" E	0.11					
PC	781863.737	2114994.347							
CURVE			S 06°35'28.4" E	228.57	58°44'43.3"(LT)	24°35'25.7"	238.89	131.14	233.00
PT	781636.680	2115020.583							
LINE			S 35°57'50.0" E	181.59					
POT	781489.707	2115127.224							

ERP_C POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	782440.453	2114283.919							
LINE			S 61°49'09.0" E	38.27					
PC	782422.382	2114317.649							
CURVE			S 52°23'29.8" E	381.33	18°51'18.3"(RT)	04°55'20.3"	383.05	193.27	1164.00
PT	782189.673	2114619.736							
LINE			S 42°57'50.6" E	20.25					
PC	782174.851	2114633.540							
CURVE			S 38°42'32.6" E	140.97	08°30'36.2"(RT)	06°01'52.1"	141.10	70.68	950.00
PT	782064.846	2114721.699							
LINE			S 34°27'14.5" E	0.33					
PC	782064.573	2114721.886							
CURVE			S 31°29'02.5" E	243.52	05°56'24.0"(RT)	02°26'17.2"	243.63	121.92	2350.00
PT	781856.902	2114849.068							
LINE			S 28°30'50.5" E	152.40					
PC	781722.984	2114921.821							
CURVE			S 33°37'54.7" E	200.71	10°14'08.5"(LT)	05°05'34.6"	200.98	100.76	1125.00
PT	781555.070	2115032.986							
LINE			S 38°44'59.0" E	112.48					
POT	781468.151	2115103.387							

EXT_1 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	781194.437	2114556.820							
LINE			N 77°54'32.6" E	5.16					
PC	781195.518	2114561.867							
CURVE			N 59°37'39.3" E	752.84	36°33'46.6"(LT)	04°46'28.7"	765.77	396.43	1200.00
PT	781576.170	2115211.389							

EY POINT	N	E	BEARING	DIST
POT	782362.008	2115906.331		
LINE			S 48°01'00.0" E	227.37
POT	782209.916	2116075.344		

EY1 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	782868.108	2116433.647							
LINE			S 43°25'24.0" E	75.42					
PC	782813.328	2116485.492							
CURVE			S 47°02'48.7" E	107.44	07°14'49.3"(LT)	06°44'26.4"	107.51	53.83	850.00
PT	782740.118	2116564.129							
LINE			S 50°40'13.3" E	37.87					
POT	782716.117	2116593.421							

EY2 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	783036.362	2116269.739							
LINE			S 52°20'49.4" E	1.03					
PC	783035.731	2116270.557							
CURVE			S 47°48'57.2" E	65.57	09°03'44.4"(RT)	13°48'22.4"	65.64	32.89	415.00
PT	782991.699	2116319.145							
LINE			S 43°17'05.0" E	168.49					
POT	782869.042	2116434.668							

EY3 POINT	N	E	BEARING	DIST
POT	783999.280	2117195.242		
LINE			S 49°06'48.0" E	226.25
POT	783851.185	2117366.288		

EY4 POINT	N	E	BEARING	DIST
POT	783851.697	2117366.752		
LINE			S 49°35'56.0" E	224.27
POT	783706.340	2117537.539		

EY5 POINT	N	E	BEARING	DIST
POT	784419.407	2117687.537		
LINE			S 72°25'58.0" E	212.19
POT	784355.364	2117889.828		

EY6 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	784998.885	2117855.358							
LINE			S 67°09'34.0" E	149.91					
PC	784940.694	2117993.515							
CURVE			S 70°23'57.6" E	45.21	06°28'47.2"(LT)	14°19'26.2"	45.24	22.64	400.00
PT	784925.526	2118036.109							
LINE			S 73°38'21.2" E	22.71					
POT	784919.130	2118057.896							

EY7 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	785657.265	2118253.999							
LINE			S 59°49'40.0" E	137.32					
PC	785588.251	2118372.710							
CURVE			S 62°15'11.9" E	84.64	04°51'03.9"(LT)	05°43'46.5"	84.67	42.36	1000.00
PT	785548.845	2118447.620							
LINE			S 64°40'43.9" E	13.27					
POT	785543.169	2118459.616							

EY8 POINT	N	E	BEARING	DIST
POT	785771.191	2118051.017		
LINE			S 61°08'34.0" E	233.02
POT	785658.731	2118255.099		

EY9 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	785954.924	2118489.377							
LINE			S 49°09'51.0" E	127.76					
PC	785871.380	2118586.042							
CURVE			S 46°55'46.5" E	65.51	04°28'09.1"(RT)	06°49'15.3"	65.52	32.78	840.00
PT	785826.647	2118633.894							
LINE			S 44°41'41.9" E	29.53					
POT	785805.654	2118654.664							

EY10 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	781474.696	2115110.762							
LINE			S 38°22'18.0" E	38.33					
PC	781444.649	2115134.553							
CURVE			S 21°57'35.5" E	135.62	32°49'25.0"(RT)	23°52'23.7"	137.49	70.69	240.00
PT	781318.870	2115185.269							
LINE			S 05°32'53.0" E	10.65					
PC	781308.272	2115186.298							
CURVE			S 03°41'54.5" E	38.73	03°41'57.2"(RT)	09°32'57.5"	38.74	19.38	600.00
PT	781269.622	2115188.796							
LINE			S 01°50'55.9" E	292.16					
POT	780977.613	2115198.222							

EY10A POINT	N	E	BEARING	DIST
POT	781152.416	2115192.580		
LINE			N 88°04'46.0" E	111.64
POT	781156.157	2115304.157		

NOTES:

- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- 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.

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REVISIONS