PROJECT REFERENCE NO.	SHEET NO.
I-5979	RW2C-4

Location and Surveys

ESP ASSOCIATES, INC
P.O. BOX 7030
CHARLOTTE, NC 28241

6/2/99

REVISIONS

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

EL

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	421910.779	1761294.529							
LINE			N 40°16'11.6" E	3350.43					
PC	424467.188	1763460.213							
CURVE			N 41°19'35.2" E	281.73	02°06'47.1"(RT)	00°45'00.0"	281.75	140.89	7639.44
PT	424678.755	1763646.253							
LINE			N 42°22'58.8" E	191.23					
PC	424820.011	1763775.160							
CURVE			N 41°21'54.9" E	271.38	02°02'07.7"(LT)	00°45'00.0"	271.40	135.71	7639.44
PT	425023.687	1763954.505							
LINE			N 40°20'51.0" E	382.64					
POT	425315.309	1764202.235							

EY

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	422137.276	1761329.566							
LINE			S 09°31'34.2" E	61.55					
PC	422076.573	1761339.753							
CURVE			S 23°28'01.6" E	48.18	27°52'54.8"(LT)	57°17'44.8"	48.66	24.82	100.00
PT	422032.374	1761358.941							
LINE			S 37°24'29.0" E	30.14					
POT	422008.429	1761377.254							

EY2

POINT	N	E	BEARING	DIST
POT	424045.183	1763102.708		
LINE			S 27°01'28.0" E	417.12
POT	423673.610	1763292.234		

EY3

POINT	N	E	BEARING	DIST
POT	424821.013	1763776.075		
LINE			S 50°21'20.0" E	173.58
POT	424710.265	1763909.735		

RPA

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	423614.133	1762737.540							
LINE			S 53°20'09.0" E	37.31					
PC	423591.857	1762767.465							
CURVE			S 43°09'44.8" E	73.48	20°20'48.3"(RT)	27°32'45.8"	73.86	37.33	208.00
PT	423538.261	1762817.728							
LINE			S 32°59'20.7" E	0.04					
PC	423538.231	1762817.747							
CURVE			S 26°42'53.2" E	187.76	12°32'54.9"(RT)	06°40'12.2"	188.13	94.44	859.00
PT	423370.516	1762902.154							
LINE			S 20°26'25.8" E	10.40					
PC	423360.768	1762905.787							
CURVE			S 17°16'50.6" E	143.31	06°19'10.5"(RT)	04°24'26.5"	143.39	71.77	1300.00
PT	423223.923	1762948.359							
LINE			S 14°07'15.3" E	84.07					
POT	423142.390	1762968.870							

RPB

POINT	N	E	BEARING	DIST
POT	423932.117	1762356.547		
LINE			S 53°29'27.0" E	497.31
POT	423636.240	1762756.268		

RPC

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT	423600.885	1761859.274											
LINE			S 02°56'30.1" E	96.36									
TS	423504.654	1761864.219											
SPIRAL			S 09°35'25.5" E	228.76						19°58'00.2"(LT)	230.00	154.32	77.56
SC	423279.090	1761902.331											
CURVE			S 35°56'04.8" E	148.76	26°03'09.1"(LT)	17°21'44.5"	150.05	76.35	330.00				
CS	423158.639	1761989.634											
SPIRAL			N 90°00'00.0" E	0.00						00°00'00.0"(RT)	0.00	0.00	0.00
ST	423158.639	1761989.634											
LINE			S 48°57'39.4" E	118.48									
PC	423080.847	1762079.001											
CURVE			S 54°33'47.2" E	107.38	11°12'15.6"(LT)	10°25'02.7"	107.55	53.95	550.00				
PT	423018.586	1762166.492											
LINE			S 60°09'55.0" E	51.61									
POT	422992.908	1762211.264											

LPC

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	423547.038	1762023.781							
LINE			S 41°22'33.4" W	0.39					
PC	423546.742	1762023.521							
CURVE			S 27°11'56.9" E	427.75	137°09'00.6"(LT)	24°56'17.9"	549.96	585.50	229.75
PT	423166.294	1762219.037							
LINE			N 84°13'32.8" E	5.71					
PC	423166.869	1762224.723							
CURVE			N 68°43'25.1" E	127.76	31°00'15.4"(LT)	23°58'23.3"	129.33	66.29	239.00
PT	423213.228	1762343.772							
LINE			N 53°13'17.4" E	0.34					
PC	423213.434	1762344.048							
CURVE			N 47°10'53.3" E	56.82	12°04'48.1"(LT)	21°13'14.4"	56.93	28.57	270.00
PT	423252.054	1762385.726							
LINE			N 41°08'29.3" E	27.69					
POT	423272.911	1762403.947							

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.

$$$$SYSTIME$$$$
$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$