


PROPOSED ALIGNMENT CONTROL SHEET

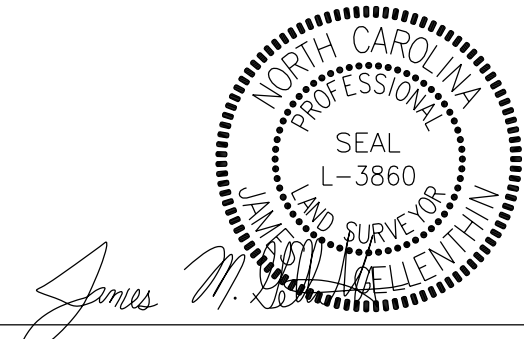
PROJECT REFERENCE NO.	SHEET NO.
U-6011	RW02D-1

Location and Surveys



KCI Associates of N.C., P.A.
4505 Falls of Neuse Rd, Suite 400
Raleigh, NC 27609
Phone (919) 783-9214
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PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

I, James M. Gellenthin, PLS, certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

This 8th day of May, 2024.

James M. Gellenthin
Professional Land Surveyor L-3860

L

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	848630.169	1856599.141							
LINE			N 87°51'25.1" E	342.68					
PC	848642.983	1856941.579							
CURVE			N 87°34'01.8" E	101.17	00°34'46.7"(LT)	00°34'22.6"	101.17	50.58	10000.00
PT	848647.278	1857042.656							
LINE			N 87°16'38.4" E	631.49					
PC	848677.274	1857673.433							
CURVE			N 87°55'50.8" E	136.85	01°18'24.7"(RT)	00°57'17.7"	136.86	68.43	6000.00
PT	848682.216	1857810.196							
LINE			N 88°35'03.1" E	3.08					
POT	848682.292	1857813.274							

Y1

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	847908.827	1856698.147							
LINE			N 46°23'30.9" E	526.95					
PC	848272.275	1857079.697							
CURVE			N 23°19'13.3" E	540.79	46°08'35.1"(LT)	08°18'13.5"	555.69	293.91	690.00
PT	848768.890	1857293.782							
LINE			N 00°14'55.7" E	83.84					
PC	848852.725	1857294.146							
CURVE			N 22°42'41.1" E	286.56	44°55'30.8"(RT)	15°16'43.9"	294.03	155.04	375.00
PT	849117.066	1857404.784							
LINE			N 45°10'26.5" E	755.09					
PC	849649.374	1857940.336							
CURVE			N 22°55'01.5" E	371.19	44°30'50.1"(LT)	11°41'34.9"	380.69	200.53	490.00
PT	849991.262	1858084.876							
LINE			N 00°39'36.4" E	289.06					
POT	850280.307	1858088.206							

Y2

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	848660.190	1857314.174							
CURVE			S 32°15'50.9" W	488.17	28°15'20.0"(RT)	05°43'46.5"	493.15	251.70	1000.00
PT	848247.395	1857053.577							
LINE			S 46°23'30.9" W	490.88					
POT	847908.827	1856698.147							

Y3

POINT	N	E	BEARING	DIST
POT	849337.831	1857477.713		
LINE			S 44°49'54.9" E	203.95
POT	849193.194	1857621.503		

Y4

POINT	N	E	BEARING	DIST
POT	849686.145	1857850.335		
LINE			S 44°50'41.9" E	200.89
POT	849543.709	1857992.003		

Rw1

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	848584.455	1856831.658							
LINE			N 45°25'04.9" E	17.48					
POT	848596.725	1856844.108							
LINE			S 86°32'27.8" E	56.35					
POT	848593.325	1856900.358							
LINE			N 88°38'19.4" E	42.86					
PC	848594.343	1856943.208							
CURVE			N 87°41'35.9" E	57.79	00°19'46.3"(LT)	00°34'12.7"	57.79	28.90	10048.67
PT	848596.669	1857000.954							

Rw2

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	848392.132	1857239.693							
CURVE			N 27°16'54.5" E	92.07	07°07'36.1"(LT)	07°44'08.5"	92.13	46.12	740.67
PT	848473.958	1857281.894							

Dw1

POINT	N	E	BEARING	DIST
POT	849158.852	1857334.073		
LINE			S 50°12'06.0" E	80.07
POT	849107.600	1857395.591		

Dw2

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	849107.600	1857395.591							
LINE			S 45°42'46.6" E	53.70					
PC	849070.103	1857434.033							
CURVE			S 24°12'55.7" E	17.59	42°59'41.8"(RT)	238°43'56.7"	18.01	9.45	24.00
PT	849054.060	1857441.248							
LINE			S 02°43'04.8" E	41.83					
POT	849012.275	1857443.232							

REVISIONS

03 MAY 2024 08:30 NCDOT Surveyor A. U-6011 Div. 7 RW Staking\DRAWINGS\U-6011-1.s-rw02d-1.dgn
 03 MAY 2024 08:30 KCI-D-02-KL2893 AT KCI-D-02-KL2893
 03 MAY 2024 08:30 KCI-D-02-KL2893 AT KCI-D-02-KL2893
 03 MAY 2024 08:30 KCI-D-02-KL2893 AT KCI-D-02-KL2893
 03 MAY 2024 08:30 KCI-D-02-KL2893 AT KCI-D-02-KL2893

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE PROPOSED ALIGNMENT 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.