

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. RR5020B	SHEET NO. RW02D-1
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Location and Surveys

KCI Associates of N.C., P.A.
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PROJECT SURVEYOR

James M. Gellenthin

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 16TH day of APRIL, 2020.

James M. Gellenthin
Professional Land Surveyor L-3860

L POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	206304.625	2087552.215	N 28°57'36.4" E	1055.53					
LINE									
PC	207228.172	2088063.305	N 14°37'25.3" E	792.37	28°40'22.4"(LT)	03°34'51.6"	800.70	408.92	1600.00
CURVE									
PT	207994.872	2088263.354	N 00°17'14.1" E	1662.29					
LINE									
PC	209657.145	2088271.688	N 01°57'07.3" W	781.46	04°28'42.8"(LT)	00°34'22.6"	781.66	391.03	10000.00
CURVE									
PT	210438.149	2088245.069	N 04°11'28.8" W	1907.67					
LINE									
PC	212340.718	2088105.643	N 03°32'44.3" W	225.38	01°17'28.8"(RT)	00°34'22.6"	225.38	112.70	10000.00
CURVE									
PT	212565.664	2088091.705	N 02°53'59.9" W	2006.76					
LINE									
PC	214569.859	2087990.177	N 03°57'44.4" W	296.65	02°07'28.9"(LT)	00°42'58.3"	296.66	148.35	8000.00
CURVE									
PCC	214865.798	2087969.679	N 03°57'44.4" W	296.65	02°07'28.9"(RT)	00°42'58.3"	296.66	148.35	8000.00
CURVE									
PT	215161.737	2087949.180	N 02°53'59.9" W	140.93					
LINE									
PC	215302.485	2087942.050	N 05°09'27.8" W	630.32	04°30'55.8"(LT)	00°42'58.3"	630.48	315.40	8000.00
CURVE									
PT	215930.252	2087885.386	N 07°24'55.7" W	1179.09					
LINE									
PC	217099.483	2087733.208	N 04°38'33.9" W	773.99	05°32'43.6"(RT)	00°42'58.3"	774.29	387.45	8000.00
CURVE									
PT	217870.933	2087670.560	N 01°52'12.1" W	1953.84					
LINE									
PC	219823.731	2087606.802	N 03°06'16.6" W	344.74	02°28'09.1"(LT)	00°42'58.3"	344.76	172.41	8000.00
CURVE									
PCC	220167.963	2087588.131	N 02°59'35.0" W	375.88	02°41'32.3"(RT)	00°42'58.3"	375.92	187.99	8000.00
CURVE									
PT	220543.334	2087568.504	N 01°38'48.8" W	216.06					
LINE									
POT	220759.308	2087562.295							

ROUND1 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	218030.425	2087665.352	N 43°07'47.9" E	80.61	90°00'00.0"(LT)	100°31'08.1"	89.54	57.00	57.00
CURVE									
PCC	218089.255	2087720.462	N 46°52'12.1" W	80.61	90°00'00.0"(LT)	100°31'08.1"	89.54	57.00	57.00
CURVE									
PCC	218144.364	2087661.632	S 43°07'47.9" W	80.61	90°00'00.0"(LT)	100°31'08.1"	89.54	57.00	57.00
CURVE									
PCC	218085.535	2087606.523	S 46°52'12.1" E	80.61	90°00'00.0"(LT)	100°31'08.1"	89.54	57.00	57.00
CURVE									
PT	218030.425	2087665.352							

ROUND2 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	218810.010	2087639.899	N 43°07'47.9" E	80.61	90°00'00.0"(LT)	100°31'08.1"	89.54	57.00	57.00
CURVE									
PCC	218868.839	2087695.009	N 46°52'12.1" W	80.61	90°00'00.0"(LT)	100°31'08.1"	89.54	57.00	57.00
CURVE									
PCC	218923.949	2087636.179	S 43°07'47.9" W	80.61	90°00'00.0"(LT)	100°31'08.1"	89.54	57.00	57.00
CURVE									
PCC	218865.119	2087581.070	S 46°52'12.1" E	80.61	90°00'00.0"(LT)	100°31'08.1"	89.54	57.00	57.00
CURVE									
PT	218810.010	2087639.899							

RPA POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
PC	218816.308	2088706.109	N 82°11'55.5" W	347.05	07°06'21.9"(RT)	02°02'46.6"	347.27	173.86	2800.00				
CURVE													
CS	218863.415	2088362.275	N 77°57'49.0" W	100.00						01°01'23.3"(RT)	100.00	66.67	33.33
SPIRAL													
SS	218884.268	2088264.475	N 79°24'46.5" W	149.94						05°22'17.3"(LT)	150.00	100.05	50.04
SPIRAL													
SC	218911.817	2088117.086	S 88°52'06.8" W	226.48	16°16'29.3"(LT)	07°09'43.1"	227.24	114.39	800.00				
CURVE													
PT	218907.345	2087890.654	S 80°43'52.1" W	255.93									
LINE													
POT	218866.123	2087638.067											

RPB POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	218655.753	2087226.027	N 48°43'23.2" E	151.78					
LINE									
PC	218755.879	2087340.090	N 64°43'37.6" E	220.56	32°00'29.0"(RT)	14°19'26.2"	223.46	114.73	400.00
CURVE									
PT	218850.044	2087539.543	N 80°43'52.1" E	99.83					
LINE									
POT	218866.123	2087638.067							

RPC POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT	217933.470	2086257.910	N 73°41'39.7" E	82.96									
LINE													
TS	217956.763	2086337.535	N 74°12'21.3" E	150.00						01°32'05.0"(RT)	150.00	100.00	50.00
SPIRAL													
SC	217997.589	2086481.867	N 81°55'24.1" E	652.80	13°23'19.0"(RT)	02°02'46.6"	654.29	328.64	2800.00				
CURVE													
CS	218089.306	2087128.196	N 89°38'26.9" E	150.00						01°32'05.0"(RT)	150.00	100.00	50.00
SPIRAL													
ST	218090.246	2087278.188	S 89°50'51.4" E	385.25									
LINE													
POT	218089.222	2087663.433											

RPD POINT	N	E	BEARING	DIST
POT	218342.106	2088176.785	S 63°00'59.0" W	575.76
LINE				
POT	218080.864	2087663.706		

Y17 POINT	N	E	BEARING	DIST
POT	209267.101	2087868.095	S 89°53'05.9" E	743.78
LINE				
POT	209265.607	2088611.879		

Y18 POINT	N	E	BEARING	DIST
POT	209853.830	2087920.701	N 88°19'19.3" E	350.03
LINE				
POT	209864.080	2088270.584		

Y19 POINT	N	E	BEARING	DIST
POT	209864.080	2088270.584	N 89°04'42.5" E	350.00
LINE				
POT	209869.709	2088620.539		

Y21 POINT	N	E	BEARING	DIST
POT	210484.695	2087863.169	N 87°46'27.1" E	845.74
LINE				
POT	210517.542	2088708.275		

Y22 POINT	N	E	BEARING	DIST
POT	210934.063	2087857.788	N 87°22'17.5" E	818.02
LINE				
POT	210971.577	2088674.945		

Y23 POINT	N	E	BEARING	DIST
POT	211426.454	2088172.643	N 87°26'03.1" E	350.14
LINE				
POT	211442.129	2088522.433		

Y24 POINT	N	E	BEARING	DIST
POT	211749.464	2087747.897	N 87°39'04.4" E	800.41
LINE				
POT	211782.266	2088547.638		

NOTES:

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 INFORMATINO REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

REVISIONS

6/2/19 15:45:20 2020_07_14 NCDOT - Survey A-R5020B RW Stationing\DRAWINGS\5020b-1s-rw02d-1.dgn AT 12:25:10 2020_07_14 matthew.koss