

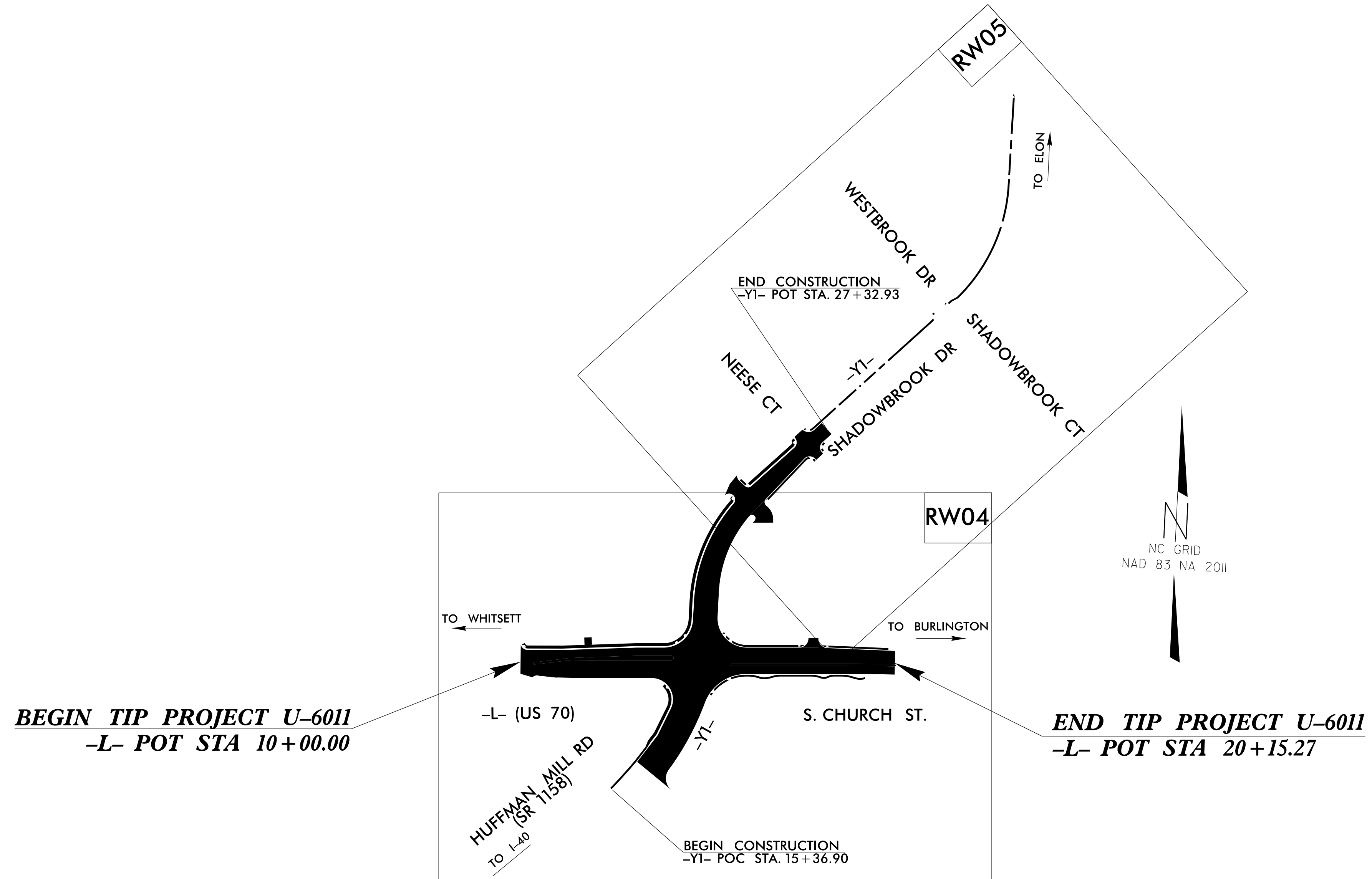
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-6011	RW01	8

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

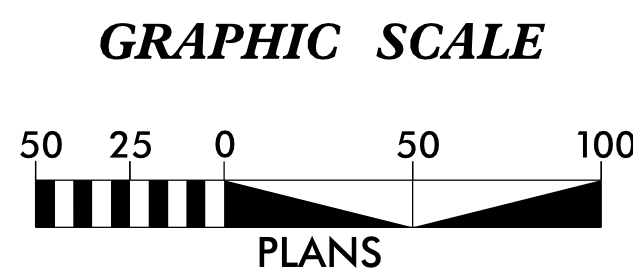
SURVEY CONTROL, EXISTING CENTERLINES,
RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

ALAMANCE COUNTY

TIP PROJECT: U-6011



09-MAY-2024 12:37
M:\2023\352307120_NCDOT_Survey\A-U-6011\Div. 7 RW Staking\DRAWINGS\U-6011_Is.tsh.dgn
matthew.koss AT KCI-DzKL895



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "U5752-2" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 848503.502(ft) EASTING: 1846940.986(ft) ELEVATION: 664.72(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9999500302

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "U5752-2" TO -L- STATION 10+00.00 IS N 89-13'13" E 9858.93(ft)

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88/GEOID G12NC



Prepared in the Office of:

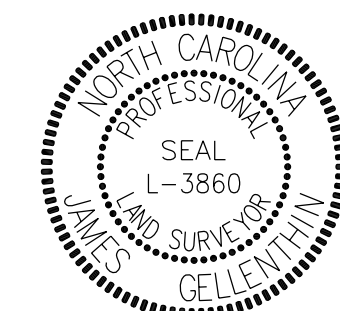
KCI Associates of N.C., P.A.
4505 Falls of Neuse Rd, Suite 400
Raleigh, NC 27609
Phone (919) 783-9214

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
10/12/2021

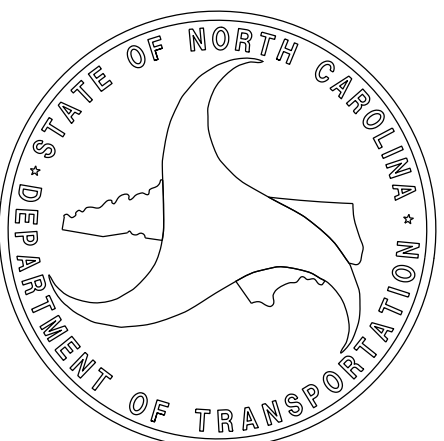
LETTING DATE:
06/06/2024

PROFESSIONAL LAND SURVEYOR




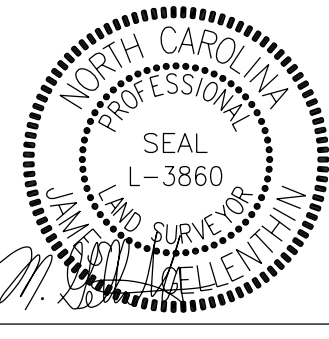
Signature: *James Gellenthien*
SIGNATURE:

Date: 05/08/2024



SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. U-6011	SHEET NO. RWO2C-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 http://www.kci.com	
PROJECT SURVEYOR	
 <i>James M. Gellenthin</i>	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

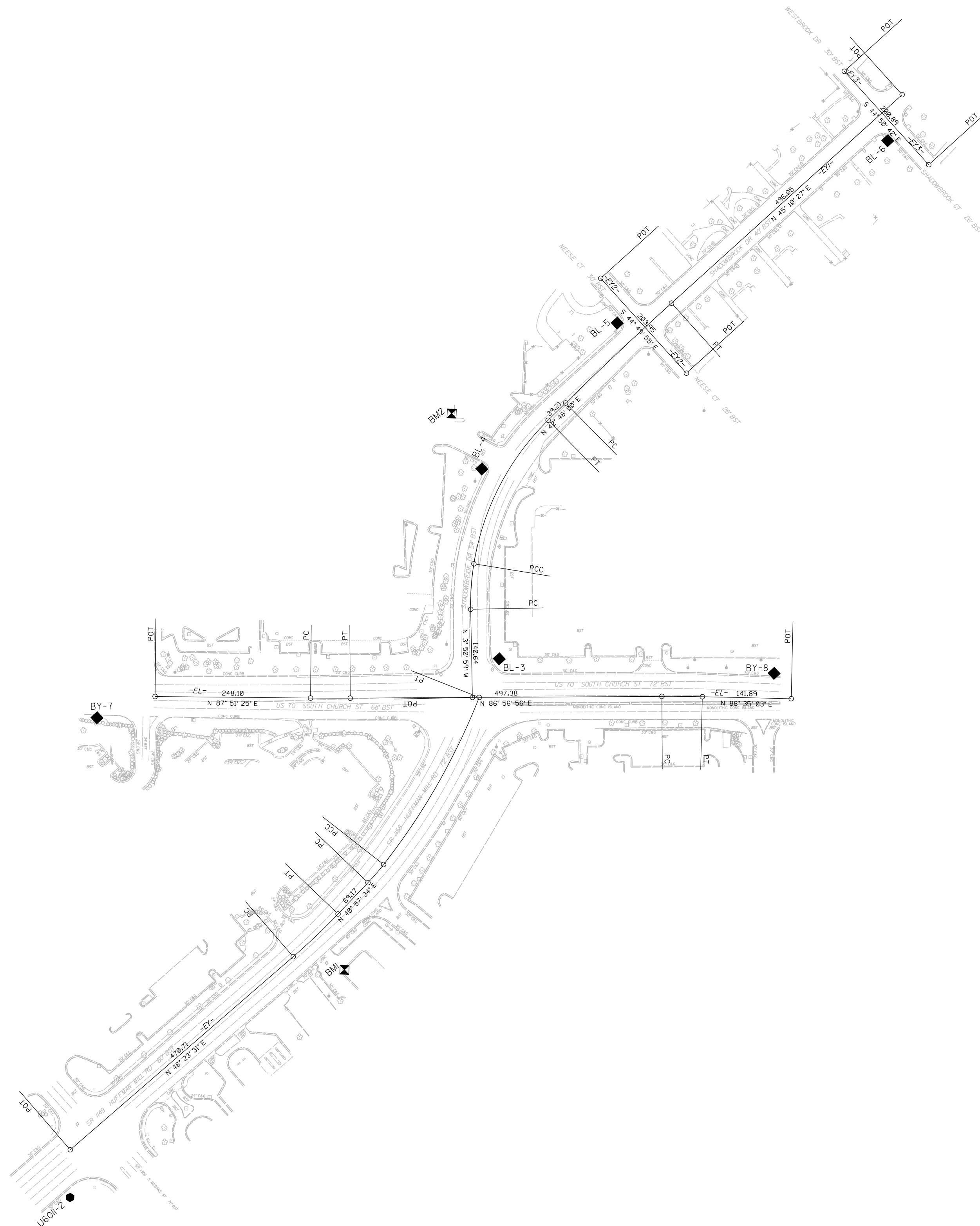
I, James M. Gellenthin, PLS, certify that the Project Control was performed under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: **AA**
 Type of GPS field procedure: RTN/vrs
 Dates of survey: NOVEMBER 2017 - JANUARY 2018
 Datum/Epoch: NAD 83/NA 2011
 Published/Fixed-control use: N/A
 Localized around: U5752-2
 Northing: 848503.502'
 Easting: 1846940.986'
 Combined grid factor: 0.9999500302; (1/x = 1.0000499723)
 Geoid model: G12NC
 Units: US SURVEY FEET

I also certify that the Baseline Control for this project was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from NOVEMBER 2017 to JANUARY 2018, and all coordinates are based on NAD 83/ NA 2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 8th day of May, 2024.

James M. Gellenthin
 Professional Land Surveyor L-3860



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.

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. U-6011	SHEET NO. RWO2C-2
Location and Surveys	
KCI Associates of N.C., P.A. 4505 Falls of Neuse Rd, Suite 400 Raleigh, NC 27609 Phone (919) 783-9214 http://www.kci.com	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BL	POINT	DESC.	NORTH	EAST	ELEVATION
7		BY-7	848599.3332	1856707.9850	681.21
303		BL-3	848723.6887	1857344.7640	683.57
8		BY-8	848721.4313	1857783.9870	675.42

BY	POINT	DESC.	NORTH	EAST	ELEVATION
1		U6011-1	846972.4301	1856654.0620	673.61
2		U6011-2	847832.8445	1856701.5250	679.54
3		BL-3	848723.6887	1857344.7640	683.57
4		BL-4	849024.9477	1857302.6270	683.91
5		BL-5	849267.7678	1857507.3240	678.58
6		BL-6	849578.8669	1857924.7380	665.98

.....
 BM1 ELEVATION = 679.89
 N 848216 E 1857122
 BM 1/MAG NLS

.....
 BM2 ELEVATION = 683.42
 N 849111 E 1857250
 BM-2 PK

I, James M. Gellenthin, PLS, certify that the Project Control was performed under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: **AA**
 Type of GPS field procedure: RTN/vrs
 Dates of survey: NOVEMBER 2017 - JANUARY 2018
 Datum/Epoch: NAD 83/NA 2011
 Published/Fixed-control use: N/A
 Localized around: U5752-2
 Northing: 848503.502'
 Easting: 1846940.986'
 Combined grid factor: 0.9999500302; (1/x = 1.0000499723)
 Geoid model: G12NC
 Units: US SURVEY FEET

I also certify that the Baseline Control for this project was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from NOVEMBER 2017 to JANUARY 2018, and all coordinates are based on NAD 83/ NA 2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 8th day of May, 2024.


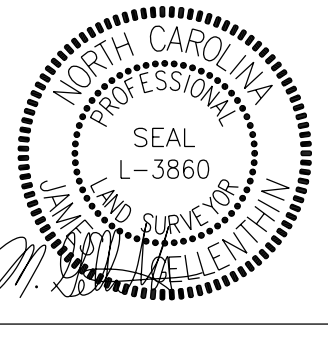
Professional Land Surveyor L-3860

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.

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
U-6011	RWO2C-2
Location and Surveys	
 KCI Associates of N.C., P.A. 4505 Falls of Neuse Rd, Suite 400 Raleigh, NC 27609 Phone (919) 783-9214 http://www.kci.com	
PROJECT SURVEYOR  JAMES M. GELLENTHIN	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

EL									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	848637.648	1856799.001							
LINE			N 87°51'25.1" E	248.10					
PC	848646.925	1857046.927							
CURVE			N 87°24'10.8" E	63.39	00°54'28.7"(LT)	01°25'56.6"	63.39	31.70	4000.00
PT	848649.797	1857110.250							
LINE			N 86°56'56.4" E	497.38					
PC	848676.270	1857606.925							
CURVE			N 87°45'59.8" E	64.55	01°38'06.7"(RT)	02°31'59.0"	64.55	32.28	2261.92
PT	848678.786	1857671.428							
LINE			N 88°35'03.1" E	141.89					
POT	848682.292	1857813.274							

EY									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	847908.827	1856698.147							
LINE			N 46°23'30.9" E	470.71					
PC	848233.485	1857038.975							
CURVE			N 43°40'32.5" E	98.73	05°25'56.7"(LT)	05°30'00.8"	98.77	49.42	1041.70
PT	848304.893	1857107.156							
LINE			N 40°57'34.2" E	69.17					
PC	848357.129	1857152.499							
CURVE			N 38°08'06.7" E	38.21	05°38'55.1"(LT)	14°46'41.8"	38.22	19.13	387.70
PCC	848387.181	1857176.093							
CURVE			N 27°02'57.7" E	307.17	16°31'22.7"(LT)	05°21'37.6"	308.24	155.20	1068.86
PT	848660.752	1857315.782							

EY1									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	848660.175	1857304.946							
LINE			N 03°50'59.0" W	140.64					
PC	848800.499	1857295.504							
CURVE			N 01°18'43.9" E	72.81	10°19'25.8"(RT)	14°09'38.5"	72.90	36.55	404.61
PCC	848873.286	1857297.171							
CURVE			N 24°37'13.3" E	257.81	36°17'32.9"(RT)	13°50'36.0"	262.17	135.65	413.89
PT	849107.654	1857404.573							
LINE			N 42°45'59.7" E	39.21					
PC	849136.437	1857431.196							
CURVE			N 43°58'13.1" E	232.29	02°24'26.8"(RT)	01°02'10.7"	232.31	116.17	5528.81
PT	849303.617	1857592.472							
LINE			N 45°10'26.5" E	496.05					
POT	849653.310	1857944.296							

EY2				
POINT	N	E	BEARING	DIST
POT	849337.831	1857477.713		
LINE			S 44°49'54.9" E	203.95
POT	849193.194	1857621.503		

EY3				
POINT	N	E	BEARING	DIST
POT	849686.145	1857850.335		
LINE			S 44°50'41.9" E	200.89
POT	849543.709	1857992.003		

I, James M. Gellenthin, PLS, certify that the Project Control was performed under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: **AA**
 Type of GPS field procedure: RTN/vrs
 Dates of survey: NOVEMBER 2017 - JANUARY 2018
 Datum/Epoch: NAD 83/NA 2011
 Published/Fixed-control use: N/A
 Localized around: U5752-2
 Northing: 848503.502'
 Easting: 1846940.986'
 Combined grid factor: 0.9999500302; (1/x = 1.0000499723)
 Geoid model: G12NC
 Units: US SURVEY FEET

I also certify that the Baseline Control for this project was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from NOVEMBER 2017 to JANUARY 2018, and all coordinates are based on NAD 83/ NA 2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 8th day of May, 2024.


 Professional Land Surveyor L-3860

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.

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. U-6011	SHEET NO. 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

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							

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


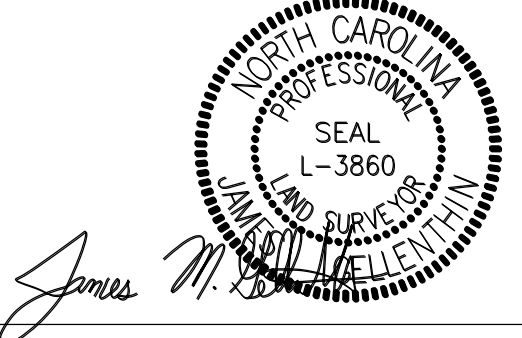
2. THE PROPOSED ALIGNMENT CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

6/2/09

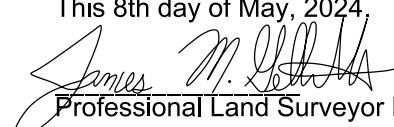
REVISIONS

RW Staking\DRAWINGS\U-6011.Ls.rw02d-1.dgn
NCDOT Survey\A-U-6011 Div. 7
KCI-D-02-K12893
03 MAY 2024 08:50
M3 2023 15:30
matthew.koss AT KCI

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO. U-6011	SHEET NO. RW03E-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 http://www.kci.com	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, James M. Gellenthin, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from August 4 2023 to August 21 2023, and all coordinates are based on NAD 83/NA 2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 8th day of May, 2024.

 Professional Land Surveyor L-3860

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	10+20.00	38.41	848600.0117	1856820.4238
L	10+20.00	42.64	848595.7827	1856820.5821
L	11+00.00	50.50	848590.9226	1856900.8199
L	11+67.40	-60.40	848704.2915	1856963.8754
L	11+67.40	-81.19	848725.0623	1856963.0516
L	11+85.04	51.00	848593.7011	1856986.0315
L	11+85.04	55.00	848589.7047	1856986.2011
L	11+97.60	-81.19	848726.3029	1856992.9758
L	11+97.60	-60.15	848705.2785	1856993.8816
L	13+45.66	55.00	848597.1760	1857146.9691
L	13+94.30	-59.01	848713.3646	1857190.1422
L	15+82.46	-59.29	848722.5842	1857378.0724

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	16+57.74	58.00	848337.1912	1857212.5123
Y1	16+88.06	-50.00	848423.1910	1857140.4560
Y1	18+16.10	-50.00	848528.1940	1857195.5777
Y1	18+31.68	58.00	848502.7594	1857301.6962
Y1	20+52.52	65.17	848735.6530	1857358.0867
Y1	20+74.29	49.55	848759.7231	1857343.2352
Y1	20+90.00	-52.36	848776.4774	1857241.4578
Y1	21+08.34	45.00	848794.3948	1857338.8935
Y1	21+66.48	45.00	848852.5297	1857339.1459
Y1	24+60.51	45.00	849085.1496	1857436.5074
Y1	25+60.00	35.13	849162.2063	1857500.1116

REVISIONS

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED AUGUST 4 2023 TO AUGUST 21 2023.

PERMANENT EASEMENT CONTROL SHEET

PROJECT REFERENCE NO. U-6011	SHEET NO. RW03E-2
Location and Surveys	
KCI Associates of N.C., P.A. 4505 Falls of Neuse Rd, Suite 400 Raleigh, NC 27609 Phone (919) 783-9214 http://www.kci.com	

PROJECT SURVEYOR

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

I, James M. Gellenthin, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from August 4 2023 to August 21 2023, and all coordinates are based on NAD 83/NA 2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 8th day of May, 2024.

 Professional Land Surveyor L-3860

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	8+95.46	47.78	848585.9939	1856696.3247
L	8+96.87	36.10	848597.7209	1856697.2921
L	10+10.57	-88.05	848726.0343	1856806.2722
L	10+15.31	-89.66	848727.8171	1856810.9435
L	10+19.39	-62.06	848700.3938	1856816.0578
L	10+24.70	-61.98	848700.5060	1856821.3667
L	10+26.00	62.00	848576.6634	1856827.3017
L	11+94.20	72.88	848572.2313	1856996.1570
L	13+27.41	74.68	848576.6518	1857129.6732
L	16+19.89	62.49	848602.7198	1857421.2409
L	16+20.88	67.03	848598.2350	1857422.4530
L	16+25.77	65.95	848599.5396	1857427.2798
L	16+38.65	45.10	848620.9797	1857439.1534
L	16+67.03	-66.27	848733.5712	1857462.2165
L	16+67.03	-59.70	848727.0128	1857462.5284
L	16+88.65	-77.98	848746.2947	1857483.2537
L	16+88.65	-65.29	848733.6214	1857483.8564
L	16+95.22	-77.77	848746.4025	1857489.8244
L	18+57.79	-59.89	848736.2652	1857653.0652

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	14+08.80	-33.82	848215.2786	1856970.8226
Y1	14+08.80	-56.71	848231.8537	1856955.0339
Y1	16+50.30	-76.30	848409.8703	1857099.3463
Y1	18+32.26	-78.44	848552.3279	1857174.5791
Y1	19+12.92	74.80	848582.4370	1857344.7488
Y1	21+85.89	-71.04	848876.1126	1857223.8008
Y1	23+16.05	-72.00	849026.4850	1857257.9871
Y1	23+18.23	-78.93	849031.6319	1857252.6631
Y1	23+19.83	-69.76	849029.7234	1857261.8311
Y1	23+22.12	-77.19	849035.2267	1857256.1383
Y1	23+35.48	-50.76	849038.2056	1857286.7041
Y1	24+62.57	45.00	849086.6005	1857437.9672
Y1	24+88.40	67.37	849088.9427	1857472.0560
Y1	24+88.54	91.13	849072.1931	1857488.9042
Y1	24+90.67	42.00	849108.5406	1857455.7842
Y1	25+04.91	89.78	849084.6855	1857499.5622
Y1	25+10.57	78.31	849096.8123	1857495.4897

REVISIONS

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 NCDOT_Survey\A_U-6011_Div. 7
 RW Staking\DRAWINGS\U-6011_1s_rw03e-2.dgn
 AT KCI-D2K1893
 Matthew.Koss

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED AUGUST 4 2023 TO AUGUST 21 2023.

I, James M. Gellenthin, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from August 4, 2023 to August 21, 2023, and all coordinates are based on NAD 83/NA 2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

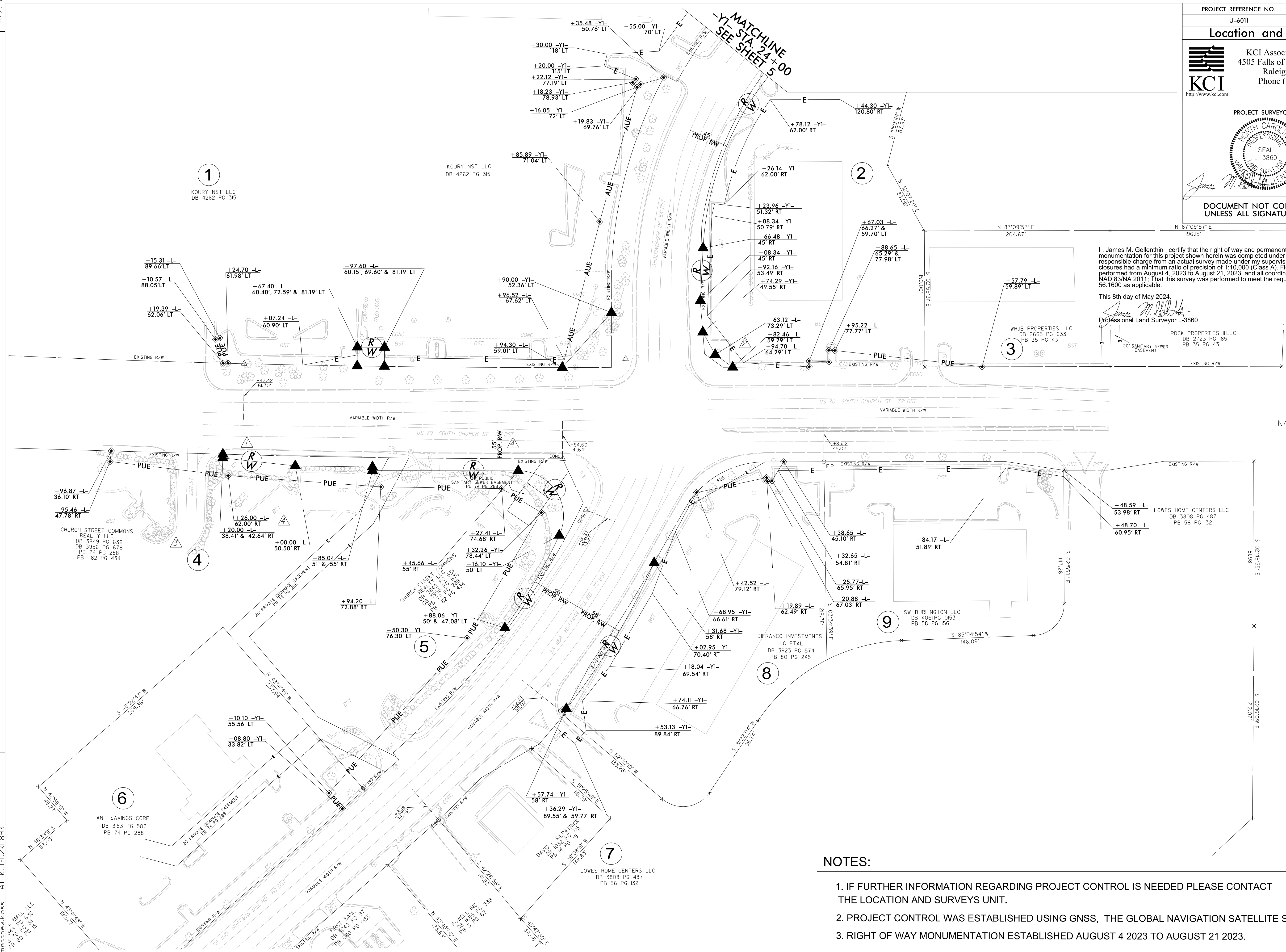
This 8th day of May 2024.

James M. Gellenthin
Professional Land Surveyor L-3860

PDCK PROPERTIES ILLC
DB 2723 PG 185
PB 35 PG 43




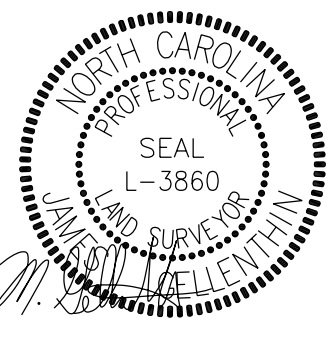
REVISIONS

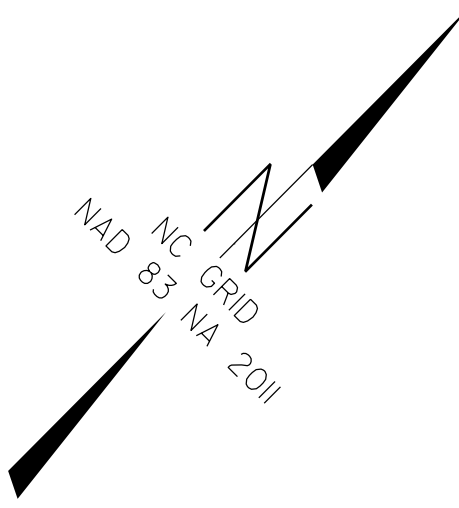


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3. RIGHT OF WAY MONUMENTATION ESTABLISHED AUGUST 4 2023 TO AUGUST 21 2023.

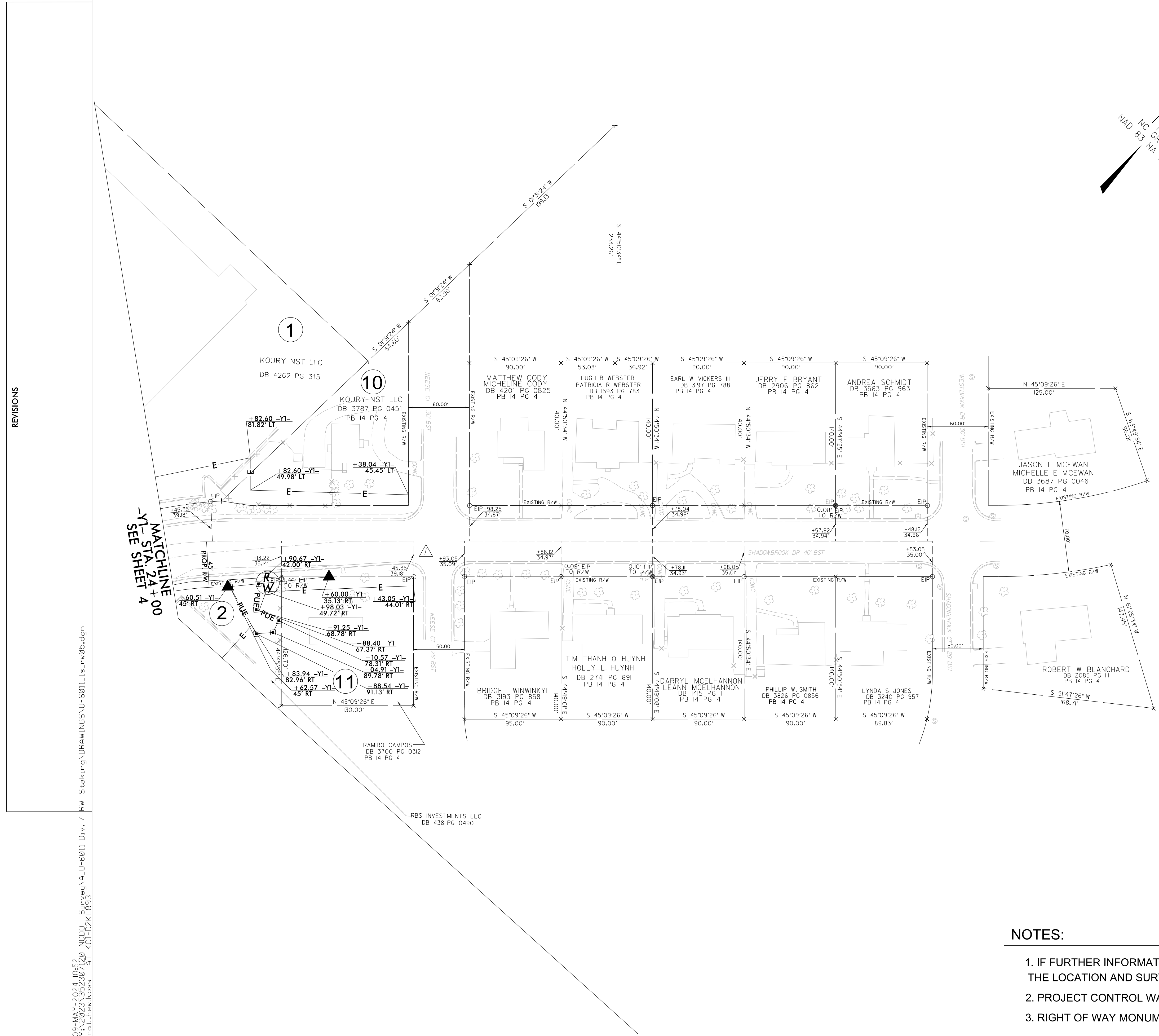
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 L. WALLI, LLC
 DB 80 PG 636
 PB 80 PG 916

PROJECT REFERENCE NO.	SHEET NO.
U-6011	RW05
Location and Surveys	
 KCI Associates of N.C., P.A. 4505 Falls of Neuse Rd, Suite 400 Raleigh, NC 27609 Phone (919) 783-9214 http://www.kci.com	
PROJECT SURVEYOR	
 James M. Gellenthin	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



I, James M. Gellenthin, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from August 4, 2023 to August 21, 2023, and all coordinates are based on NAD 83/NA 2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 8th day of May 2024.
 James M. Gellenthin
 Professional Land Surveyor L-3860



REVISIONS

MATCHLINE
-Y1- STA. 24+00
SEE SHEET 4

09 MAY 2024 10:51:20 NCGDOT Surveys\A_U-6011_Div. 7 RW Staking\DRAWINGS\U-6011_1.s_rw05.dgn
 M:\2023\1962\3071\KCI-D22\KLG33
 mathew.koss

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