
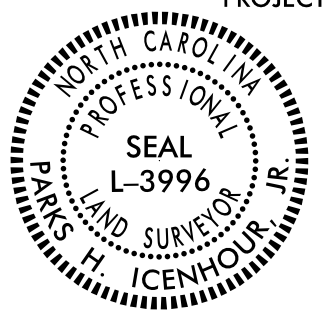
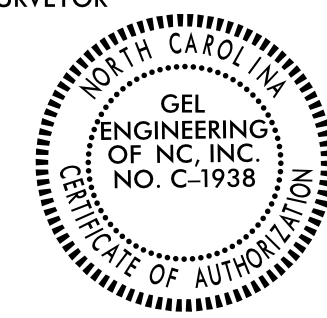


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
Y4807B	RW02C-1
Location and Surveys	
 <small>an Affiliate of THE GEL GROUP, INC.</small> 111 CREEK RIDGE ROAD SUITE C GREENSBORO, NC 27406 (336) 516-9840 WWW.GEL-SOLUTIONS.COM	
PROJECT SURVEYOR	
 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

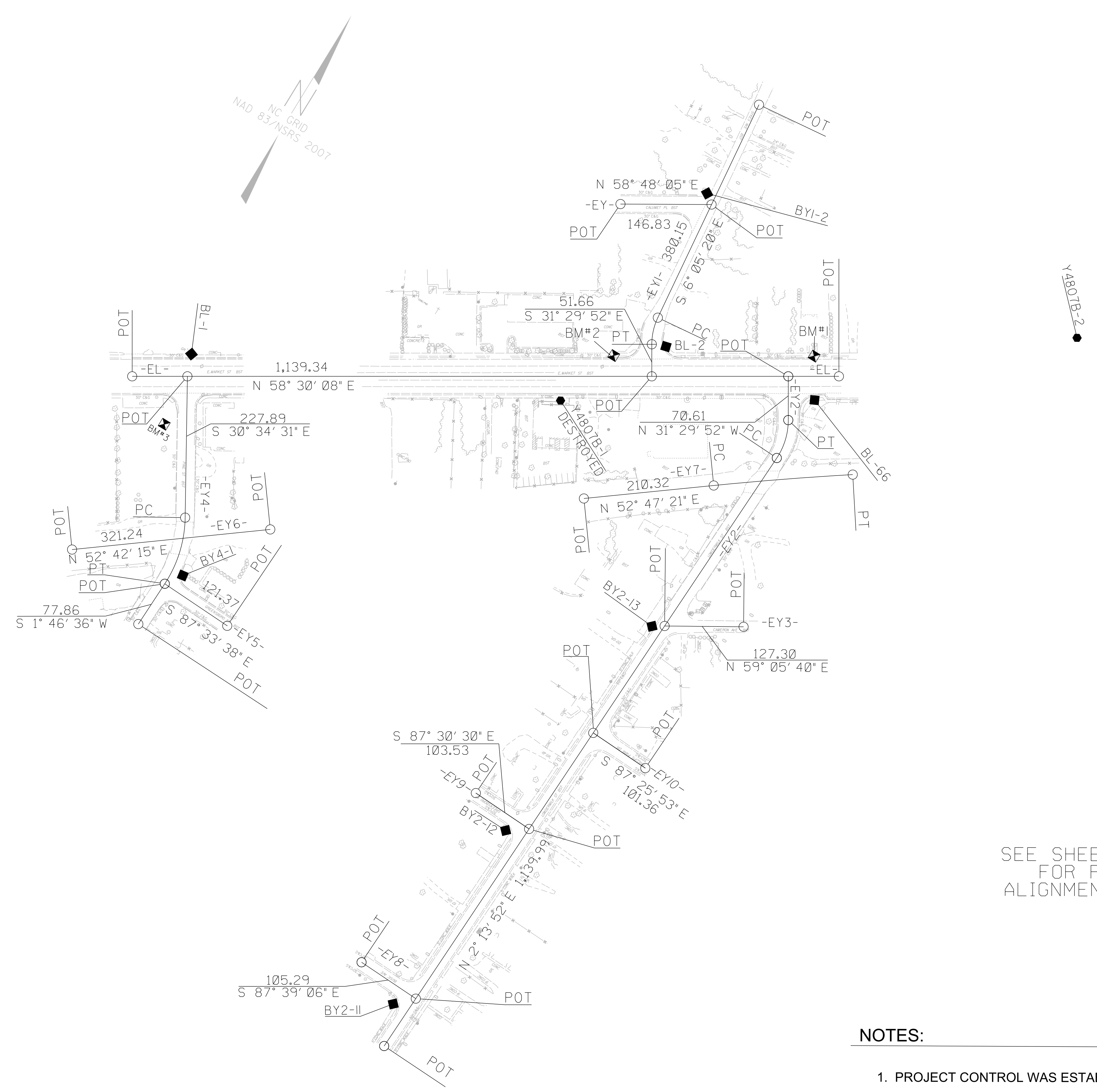
I, Parks H Icenhour Jr, PLS, certify that the Project Control was Verified under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: **AA**
 Type of GPS field procedure: RTN
 Dates of survey: June 2019 - November 2019
 Datum/Epoch: NAD 83/NSRS 2007
 Published/Fixed-control use: N/A
 Localized around: Y4807B-1
 Northing: 849315.316
 Easting: 1779297.817
 Combined grid factor: 0.99994380
 Geoid model: Geoid09
 Units: US 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 June 2019 to January 2021, and all coordinates are based on NAD 83 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 11th day of October, 2022.

Professional Land Surveyor L-3996




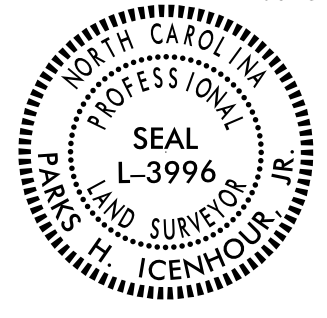
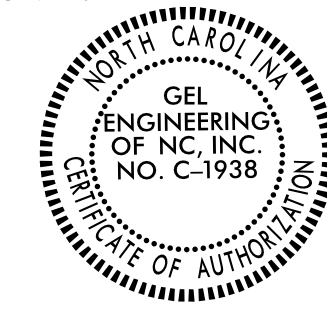
SEE SHEET RW02C-3
FOR FURTHER
ALIGNMENT DETAILS

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. Y4807B	SHEET NO. RW02C-2
Location and Surveys	
 GEL SOLUTIONS <small>an Affiliate of THE GEL GROUP, INC.</small> 111 CREEK RIDGE ROAD SUITE C GREENSBORO, NC 27406 (336) 516-9840 WWW.GEL-SOLUTIONS.COM	
PROJECT SURVEYOR	
 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BL	POINT	DESC.	NORTH	EAST	ELEVATION
1		BL1	849068.4060	1778751.2910	805.17
2		Y4807B-1	849315.3160	1779297.8170	802.46
101		BL-2	849478.3810	1779397.1220	802.25
66		BL-66	849529.8790	1779646.4870	807.54
3		Y4807B-2	849836.5730	1779954.9600	815.83

 BM1 ELEVATION = 807.62
 N 849590 E 1779609
 NUT AT BOTTOM OF FIRE HYDRANT ONSIDEWALK SIDE

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
8		BL-2	849478.3810	1779397.1220	802.25
105		BY1-2	849723.5590	1779324.6790	801.24

 BM2 ELEVATION = 802.46
 N 849422 E 1779333
 NUT AT BOTTOM OF FIRE HYDRANT ONSIDEWALK SIDE

BY2	POINT	DESC.	NORTH	EAST	ELEVATION
11		BY2-11	848344.8630	1779576.0450	819.44
12		BY2-12	848678.0030	1779584.4480	810.17
13		BY2-13	849081.9990	1779613.6520	808.45
A66		BL-66	849529.8790	1779646.4870	807.54

 BM3 ELEVATION = 807.04
 N 848949 E 1778773
 BENCHTIE NAIL SET IN 10" HARDWOOD TREE

BY4	POINT	DESC.	NORTH	EAST	ELEVATION
102		BY4-1	848756.5889	1778925.9310	807.93
6		BL-1	849068.4060	1778751.2910	805.17

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This 11th day of October, 2022.

Professional Land Surveyor L-3996

REVISIONS


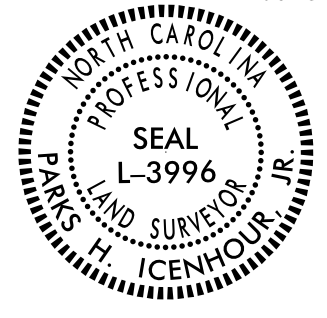
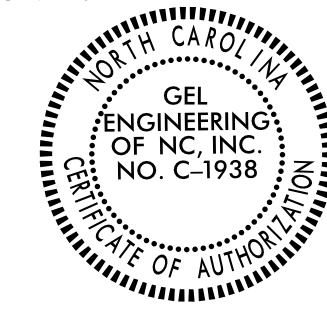
I:\0CT-2022_08\42 - 2022 Projects\ncdt\ncdt - 2022 Project\ncdt\ncdt\Y4807B.LS.rw02c-2.dgn
 Z:\Client Files\K-RANCDT\NCDDT - 2022 Project\ncdt\ncdt\Y4807B.LS.rw02c-2.dgn
 Andy Smith

NOTES:

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SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
Y4807B	RW02C-3
Location and Surveys	
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PROJECT SURVEYOR	
 	
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EL				
POINT	N	E	BEARING	DIST
POT	848987.854	1778688.587		
LINE			N 58°30'07.9" E	1139.34
POT	849583.122	1779660.060		

EY				
POINT	N	E	BEARING	DIST
POT	849635.954	1779214.683		
LINE			N 58°48'05.2" E	146.83
POT	849712.012	1779340.278		

EY1									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	849889.217	1779321.376							
LINE			S 06°05'19.7" E	380.15					
PC	849511.215	1779361.698							
CURVE			S 18°47'35.9" E	43.98	25°24'32.4"(LT)	57°17'44.8"	44.35	22.54	100.00
PT	849469.576	1779375.868							
LINE			S 31°29'52.1" E	51.66					
POT	849425.524	1779402.860							

EY2									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	848279.376	1779599.078							
LINE			N 02°13'52.4" E	1139.99					
PC	849418.505	1779643.460							
CURVE			N 14°37'59.8" W	63.02	33°43'44.4"(LT)	52°05'13.5"	64.76	33.35	110.00
PT	849480.259	1779627.336							
LINE			N 31°29'52.1" W	70.61					
POT	849540.465	1779590.445							

EY3				
POINT	N	E	BEARING	DIST
POT	849093.063	1779630.780		
LINE			N 59°05'39.6" E	127.30
POT	849158.447	1779740.004		

EY4									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	849034.376	1778764.510							
LINE			S 30°34'31.0" E	227.89					
PC	848838.173	1778880.430							
CURVE			S 14°23'57.5" E	111.44	32°21'07.0"(RT)	28°38'52.4"	112.93	58.01	200.00
PT	848730.238	1778908.142							
LINE			S 01°46'36.1" W	77.86					
POT	848652.413	1778905.728							

EY5				
POINT	N	E	BEARING	DIST
POT	848730.068	1778908.136		
LINE			S 87°33'38.3" E	121.37
POT	848724.903	1779029.395		

EY6				
POINT	N	E	BEARING	DIST
POT	848699.033	1778751.854		
LINE			N 52°42'15.0" E	321.24
POT	848893.683	1779007.407		

EY7									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	849200.374	1779412.419							
LINE			N 52°47'21.1" E	210.32					
PC	849327.564	1779579.920							
CURVE			N 54°01'06.4" E	224.82	02°27'30.5"(RT)	01°05'36.5"	224.83	112.43	5239.87
PT	849459.650	1779761.843							

EY8				
POINT	N	E	BEARING	DIST
POT	848375.492	1779497.453		
LINE			S 87°39'05.9" E	105.29
POT	848371.177	1779602.654		

EY9				
POINT	N	E	BEARING	DIST
POT	848704.378	1779512.029		
LINE			S 87°30'30.4" E	103.53
POT	848699.877	1779615.461		

EY10				
POINT	N	E	BEARING	DIST
POT	848885.972	1779622.712		
LINE			S 87°25'53.2" E	101.36
POT	848881.430	1779723.968		

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Professional Land Surveyor L-3996

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REVISIONS