

SURVEY CONTROL SHEET  
W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

BL	POINT	DESC.	NORTH	EAST	ELEVATION
1		HL0008Q-1	695422.1380	2074909.7800	353.52
101		HL0008Q BL-101	695300.6690	2075379.4300	378.01
102		HL0008Q BL-102	695118.2410	2075684.5150	382.74
103		HL0008Q BL-103	694999.7700	2076365.2690	351.25

BY	POINT	DESC.	NORTH	EAST	ELEVATION
104		HL0008Q BY-104	695779.3790	2075545.3340	383.52
202		HL0008Q BL-102	695118.2410	2075684.5150	382.74
105		HL0008Q BY-105	694579.2010	2075967.9400	378.61

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BM1 ELEVATION = 355.04  
N 695429 E 2075132  
BL STATION 7+14.00 62 LEFT  
BENCH NAIL IN BASE OF 24" OAK  
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BM2 ELEVATION = 382.87  
N 694543 E 2075926  
BY STATION 17+85.00  
S 49+46'25.3" W DIST 55.55  
BANCH NAIL IN BASE OF 18" PINE  
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EL	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT		695464.159	2074784.379	S 77°24'41.2" E	155.70					
LINE										
PC		695430.225	2074936.335	S 72°49'25.2" E	261.88	09°10'32.1°(RT)	03°30'00.0"	262.16	131.36	1637.02
CURVE										
PT		695352.888	2075186.535	S 68°14'09.1" E	134.47					
LINE										
PC		695303.027	2075311.424	S 69°02'38.5" E	277.07	01°36'58.7°(LT)	00°35'00.0"	277.08	138.55	9822.13
CURVE										
PT		695203.932	2075570.170	S 69°51'07.8" E	120.22					
LINE										
PC		695162.524	2075683.029	S 72°04'16.2" E	88.74	04°26'16.7°(LT)	05°00'00.0"	88.76	44.40	1145.92
CURVE										
PT		695135.208	2075767.458	S 74°17'24.5" E	167.84					
LINE										
PC		695089.761	2075929.032	S 79°40'28.3" E	391.02	10°46'07.5°(LT)	02°45'00.0"	391.59	196.37	2083.48
CURVE										
PT		695019.676	2076313.715	S 85°03'32.1" E	54.14					
LINE										
PC		695015.013	2076367.651	S 87°16'52.8" E	266.62	04°26'41.5°(LT)	01°40'00.0"	266.69	133.41	3437.75
CURVE										
PT		695002.366	2076633.975	S 89°30'13.5" E	51.34					
LINE										
POT		695001.922	2076685.316							

EY	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT		696095.696	2075580.927	S 04°34'30.4" W	222.48					
LINE										
PC		695873.928	2075563.181	S 01°33'50.3" E	181.55	12°16'41.4°(LT)	06°45'00.0"	181.90	91.30	848.83
CURVE										
PT		695692.444	2075568.136	S 07°42'11.0" E	13.24					
LINE										
PC		695679.323	2075569.910	S 12°17'46.4" E	174.79	09°11'10.7°(LT)	05°15'00.0"	174.98	87.68	1091.35
CURVE										
PT		695508.542	2075607.135	S 16°53'21.7" E	358.82					
LINE										
PC		695165.199	2075711.381	S 18°04'57.3" E	79.54	02°23'11.2°(LT)	03°00'00.0"	79.55	39.78	1909.86
CURVE										
PT		695089.586	2075736.070	S 19°16'32.9" E	51.65					
LINE										
PC		695040.829	2075753.121	S 21°02'46.4" E	177.01	03°32'26.9°(LT)	02°00'00.0"	177.04	88.55	2864.79
CURVE										
PT		694875.625	2075816.690	S 22°48'59.9" E	49.98					
LINE										
PC		694829.555	2075836.072	S 24°14'10.5" E	200.40	02°50'21.3°(LT)	01°25'00.0"	200.42	100.23	4044.41
CURVE										
PT		694646.821	2075918.335	S 25°39'21.2" E	469.95					
LINE										
POT		694223.202	2076121.807							

PROJECT REFERENCE NO.  
HL0008Q

SHEET NO.  
RW02C-2

Location and Surveys

GEL

SOLUTIONS

an Affiliate of THE GEL GROUP, INC.  
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NOT IN CAROLINA  
ENGINEERING  
OF NC, INC.  
NO. C-1938  
STATE OF AUTHORITY

NOT IN CAROLINA  
PROFESSIONAL  
SEAL  
L-5996  
LAND SURVEYOR  
H. ICENHOUR JR.

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

I, Parks H. Icenhour Jr., 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  
Dates of survey: April 11th, 2022  
Datum/Epoch:NAD 83/ NA 2011  
Published/Fixed-control use: Control Utilized  
Localized around: HL0008Q-1  
Northing:695422.1380  
Easting:2074909.7800  
Combined grid factor:0.9998861948  
Geoid model:GEIOD 18 CONUS  
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 April 11th 2022 to April 29th 2022, and all coordinates are based on NAD 83/2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 14th day of June, 2022.

Professional Land Surveyor L-3996

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.