SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
17BP.1.R.98	RW02C-2

Location and Surveys

LOCATION & SURVEYS
DIVISION 1
1300 US 64 W
PLYMOUTH, NC 27962

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-5327 LAND SURVEYOR LINWOOD T. DOWNS III

DocuSigned by: Linwood T. Downs III 8A59211D2432489...

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

CONTROL DATA

BL

POINT	DESC.	NORTH	EAST	ELEVATION
4500971	GPS MON 450097-1	1014184.8580	2566613.8940	29.58
4500972	GPS MON 450097-2	1014821.6780	2565974.6620	22.50
BL3	BL-3	1015055.2250	2565599.2090	19.37

BENCHMARK DATA

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*****************************************
BM10       ELEVATION = 20.48
N 1014906      E 2565809
RR SPIKE 24" WATER OAK
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I, Linwood T. Downs III, 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: MAY 2018
Datum/Epoch: NAD 83/NA 2011
Published/Fixed-control use: N/A
Localized around: 450097-2
Northing: 1,014,821.6780
Easting: 2,565,974.6620
Combined grid factor: 1.000123412
Geoid model: GEOID 12
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 MAY 2018 to AUGUST 2018 , 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 25th day of August, 2021.

DocuSigned by: Linwood T. Downs III 8A59211D2432489...

Professional Land Surveyor L-5327

NORTH CAROLINA PROFESSIONAL SEAL L-5327 LAND SURVEYOR LINWOOD T. DOWNS III

EXISTING ALIGNMENT

EL

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	1015105.220	2565190.305							
LINE			S 89°10'45.7" E	139.92					
PC	1015103.216	2565330.213							
CURVE			S 82°51'12.3" E	105.22	12°39'07.0"(RT)	12°00'00.0"	105.43	52.93	477.46
PT	1015090.126	2565434.614							
LINE			S 76°31'38.8" E	22.92					
PC	1015084.786	2565456.907							
CURVE			S 72°31'24.6" E	114.30	08°00'28.3"(RT)	07°00'00.0"	114.40	57.29	818.51
PT	1015050.458	2565565.935							
LINE			S 68°31'10.5" E	131.30					
PC	1015002.379	2565688.114							
CURVE			S 57°46'51.4" E	266.90	21°28'38.2"(RT)	08°00'00.0"	268.47	135.83	716.20
PT	1014860.081	2565913.913							
LINE			S 47°02'32.3" E	146.14					
POT	1014760.491	2566020.868							

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.

6/2/99
22-SEP-2021 14:20
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