



REVISIONS

03-JAN-2023 16:42
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MBT/lor AT MCG829

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
HE-0011	RW02C-2
Location and Surveys	
 <small>1730 VARSITY DRIVE RALEIGH, NC 27606 (P) 919-233-6091</small>	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BL	POINT	DESC.	NORTH	EAST	ELEVATION
1		HE0011-1	725912.7690	1837125.0310	571.55
2		HE0011-2	725760.8320	1837738.3350	571.77
101		BL-101	725495.9360	1838438.6090	561.38
102		BL-102	725320.4670	1838943.8850	569.48
103		BL-103	725096.1720	1839581.5560	581.15
104		BL-104	724868.6750	1840283.2830	580.96
3		HE0011-3	724577.4500	1841062.8730	570.63
4		HE0011-4	724332.7930	1841822.5850	584.54
105		BL-105	724054.6140	1842548.6250	605.22

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
301		BY1-301	728458.7150	1840565.0890	603.82
302		BY1-302	728247.7960	1840670.8690	599.01
303		BY1-303	728041.4080	1840717.7290	585.37
304		BY1-304	727822.2690	1840738.0590	602.72
305		BY1-305	727526.4370	1840588.4920	615.47
306		BY1-306	727278.8570	1840562.4380	630.60
307		BY1-307	727071.3940	1840490.3200	628.34
308		BY1-308	726774.5970	1840389.2770	599.39
309		BY1-309	726587.1630	1840387.4350	597.14
310		BY1-310	726333.7510	1840226.1710	602.60
311		BY1-311	725942.6050	1840074.7320	605.41
312		BY1-312	725339.9030	1839890.9450	598.13
A103		BL-103	725096.1720	1839581.5560	581.15

..... BM1 ELEVATION = 602.01 N 727906 E 1840660 SET IN 11' PINE BM2 ELEVATION = 591.96 N 726644 E 1840296 SET IN 14' OAK
..... BM3 ELEVATION = 599.79 N 725366 E 1839862 SET IN 6' PINE BM4 ELEVATION = 601.64 N 724065 E 1841815 SET IN 19' OAK

I, Richard A. Mitchell, 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: 11/22-12/22
 Datum/Epoch: NAD 1983/NA 2011
 Published/Fixed-control use: N/A
 Localized around: CAM421-3
 Northing: 739883.8940
 Easting: 1848086.6530
 Combined grid factor: 0.99988768
 Geoid model: G18US
 Units: USFT

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 11/22 to 12/22, 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 3rd day of January, 2023.

DocuSigned by:

 1/3/2023

Richard A. Mitchell
 Professional Land Surveyor L-5060

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.