PROJECT REFERENCE NO.

B-5721

Dewberry
Dewberry Engineers Inc.

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PROJECT SURVEYOR

SHEET NO.

RW02C-3

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ALIGNMENT DATA

POINT         N         E         BEARING         DIST         DELTA         D         L         T           POT         962245.792         1718810.713         1718938.891         299.53         1718938.891         1718938.891         1718938.891         1718938.891         1718938.891         1718938.891         1718937.537         1718937.537         1718937.537         1718937.537         1718937.537         1718937.537         1718937.629         1718993.629         1718993.629         1718993.629         1718933.731.3" E         12.35         1718937.41.6"         105.77         25°15′04.6"(RT)         04°57′47.6"         105.80         52.94	
LINE	R
PC 962516.511 1718938.891	
CURVE         N 27°26′50.9" E         105.54         04°13′20.8"(RT)         04°00′00.0"         105.56         52.80           PT         962610.168         1718987.537         N 29°33′31.3" E         12.35         12.	
PT         962610.168         1718987.537         LINE         N 29°33′31.3" E         12.35           PC         962620.910         1718993.629         1718993.629         05°15′04.6"(RT)         04°57′47.6"         105.80         52.94           CURVE         962710.425         1719049.965         05°46′40.7"(RT)         05°48′58.2"         99.34         49.71           PCC         962788.995         1719110.689         05°46′40.7"(RT)         05°48′58.2"         99.34         49.71           PCC         962959.265         1719289.427         1719289.427         04°41′33.6"         247.28         124.06           PCC         962994.291         1719337.303         03°14′12.7"(RT)         05°27′20.9"         59.33         29.67	
LINE PC 962620.910 1718993.629  CURVE PCC 962710.425 1719049.965  CURVE PCC 962788.995 1719110.689  CURVE PCC 962959.265 1719289.427  CURVE PCC 962994.291 1719337.303  N 29°33′31.3" E 12.35  105.77 05°15′04.6"(RT) 04°57′47.6" 105.80 52.94  05°46′40.7"(RT) 05°48′58.2" 99.34 49.71  05°48′58.2" 99.34 49.71	1432.39
PC       962620.910       1718993.629       105.77       05°15′04.6"(RT)       04°57′47.6"       105.80       52.94         CURVE       962710.425       1719049.965       1719049.965       171910.689       99.30       05°46′40.7"(RT)       05°48′58.2"       99.34       49.71         PCC       962788.995       1719110.689       1719110.689       1719110.689       171910.689       1719289.427       246.86       11°36′14.6"(RT)       04°41′33.6"       247.28       124.06         PCC       962959.265       1719289.427       70.32       03°14′12.7"(RT)       05°27′20.9"       59.33       29.67         PT       962994.291       1719337.303<	
CURVE         N 32°11′03.7" E         105.77         05°15′04.6"(RT)         04°57′47.6"         105.80         52.94           PCC         962710.425         1719049.965         N 37°41′56.4" E         99.30         05°46′40.7"(RT)         05°48′58.2"         99.34         49.71           PCC         962788.995         1719110.689         N 46°23′24.0" E         246.86         11°36′14.6"(RT)         04°41′33.6"         247.28         124.06           PCC         962959.265         1719289.427         N 53°48′37.7" E         59.32         03°14′12.7"(RT)         05°27′20.9"         59.33         29.67           PT         962994.291         1719337.303	
PCC         962710.425         1719049.965         99.30         05°46′40.7"(RT)         05°48′58.2"         99.34         49.71           CURVE         962788.995         1719110.689         1719110.689         11°36′14.6"(RT)         04°41′33.6"         247.28         124.06           PCC         962959.265         1719289.427         30°14′12.7"(RT)         05°27′20.9"         59.33         29.67           PT         962994.291         1719337.303         59.32         03°14′12.7"(RT)         05°27′20.9"         59.33         29.67	
CURVE         N 37°41′56.4" E         99.30         Ø5°46′4Ø.7"(RT)         Ø5°48′58.2"         99.34         49.71           PCC         962788.995         171911Ø.689         N 46°23′24.Ø" E         246.86         11°36′14.6"(RT)         Ø4°41′33.6"         247.28         124.Ø6           PCC         962959.265         1719289.427         S9.32         Ø3°14′12.7"(RT)         Ø5°27′2Ø.9"         59.33         29.67           PT         962994.291         1719337.3Ø3         S°48′37.7" E         59.32         Ø3°14′12.7"(RT)         Ø5°27′2Ø.9"         59.33         29.67	1154.41
PCC         962788.995         171911Ø.689         N 46°23′24.Ø" E         246.86         11°36′14.6"(RT)         Ø4°41′33.6"         247.28         124.Ø6           PCC         962959.265         1719289.427         Section 1719289.	
CURVE         N 46°23′24.0" E         246.86         11°36′14.6"(RT)         Ø4°41′33.6"         247.28         124.06           PCC         962959.265         1719289.427         N 53°48′37.7" E         59.32         Ø3°14′12.7"(RT)         Ø5°27′2Ø.9"         59.33         29.67           PT         962994.291         1719337.303         -	985.11
PCC         962959.265         1719289.427         59.32         Ø3°14′12.7"(RT)         Ø5°27′2Ø.9"         59.33         29.67           PT         962994.291         1719337.3Ø3         8         1719337.3Ø3         8         1719337.3Ø3         8         1719337.3Ø3         1719337.	1000000
CURVE         N 53°48′37.7" E         59.32         Ø3°14′12.7"(RT)         Ø5°27′2Ø.9"         59.33         29.67           PT         962994.291         1719337.3Ø3         COMPANDED TO THE STATE OF THE STATE O	1220.96
PT 962994.291 1719337.303	1000
11	1050.18
LINE 963298.721 1719779.076 536.51	
	100000
CURVE         N 56°20′06.1" E         127.46         Ø1°48′44.1"(RT)         Ø1°25′18.2"         127.47         63.74           PCC         963369.378         1719885.163         63.74	4030.00
CURVE N 58°41′44.6" E 156.31 Ø2°54′32.9"(RT) Ø1°51′39.3" 156.33 78.18	3078.92
PT 963450.596 1720018.719	30/0.12
LINE N 60°09'01.1" E 174.05	
PC 963537.225 1720169.678	
CURVE N 59°30′24.3" E 67.39 01°17′13.6"(LT) 01°54′35.5" 67.39 33.70	3000.00
PT 963571.422 1720227.749	
LINE N 58°51′47.4" E 263.58	
POT 9637Ø7.712 172Ø453.352	

EY									
POINT	N	Е	BEARING	DIST	DELTA			T	R
POT	963490.019	1720087.418							
LINE			N 20°56′15.7" W	54.36					
PC	963540.794	1720067.991							
CURVE			N 17°17′37.6" W	139.31	Ø7°17′16.3"(RT)	Ø5°13′4Ø.9"	139.40	69.79	1095.93
PT	963673.8Ø2	1720026.579							

I, Robert H. Bengtson, PLS, certify that the Project Control was verified under my supervision from an actual GPS survey made by others and the following information was used to perform the survey:

Class of survey: AA Type of GPS field procedure: RTN Dates of survey: Dec 2016 Datum/Epoch:NAD 83/2011 Published/Fixed-control use: N/A Localized around: B5721-2 Northing:962765.437 Easting:1719062.648 Combined grid factor:1.00004898 Geoid model:G12NC Units:US SURVEY FEET

I also certify that the Baseline Control for this project was verified under my direct and responsible charge from an actual survey made by others; 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 prior to December 2016, 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 30th day of August, 2022.

Robert H. Bengtson

Professional Land Surveyor L-3453

## 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.