6/2/99

REVISIONS

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

EL

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	467760.243	1994411.104							
LINE			N 76°00'44.3" E	5143.22					
PC	469003.429	1999401.815							
CURVE			N 70°51'56.0" E	685.31	10°17'36.6"(LT)	01°30'00.0"	686.23	344.04	3819.72
PT	469228.064	2000049.264							
LINE			N 65°43'07.7" E	1315.60					
PC	469769.059	2001248.484							
CURVE			N 69°02'42.9" E	664.92	06°39'10.5"(RT)	01°00'00.0"	665.29	333.02	5729.58
PT	470006.854	2001869.426							
LINE			N 72°22'18.2" E	2652.46					
PC	470810.125	2004397.326							
CURVE			N 75°42'28.3" E	666.85	06°40'20.3"(RT)	01°00'00.0"	667.23	333.99	5729.58
PT	470974.748	2005043.540							
LINE			S 79°02'38.5" W	0.00					
PC	470974.748	2005043.540							
CURVE			N 83°22'54.5" E	157.38	08°40'32.1"(RT)	05°30'26.0"	157.53	78.92	1040.37
PT	470992.887	2005199.872							
LINE			N 87°43'10.6" E	1808.41					
PC	471064.843	2007006.846							
CURVE			S 80°56'48.6" E	750.65	22°40'01.7"(RT)	03°00'00.0"	755.57	382.79	1909.86
PT	470946.727	2007748.148							
LINE			S 69°36'47.7" E	563.39					
PC	470750.468	2008276.245							
CURVE			S 73°24'07.2" E	432.68	07°34'39.0"(LT)	01°45'00.0"	433.00	216.82	3274.04
PT	470626.870	2008690.901							
LINE			S 77°11'26.7" E	878.71					
PC	470432.055	2009547.743							
CURVE			S 86°07'26.1" E	593.13	17°51'58.8"(LT)	03°00'00.0"	595.54	300.21	1909.86
PT	470391.960	2010139.520							
LINE			N 84°56'34.5" E	3744.65					
PC	470722.044	2013869.595							
CURVE			N 85°42'39.2" E	307.18	01°32'09.4"(RT)	00°30'00.0"	307.19	153.60	11459.16
PT	470745.018	2014175.914							
LINE			N 86°28'43.9" E	5050.95					
PC	471055.231	2019217.332							
CURVE			N 84°23'22.4" E	208.88	04°10'42.9"(LT)	02°00'00.0"	208.93	104.51	2864.79
PT	471075.653	2019425.215							
LINE			N 82°18'00.9" E	4068.40					
POT	471620.744	2023456.938							
LINE			N 84°09'30.1" E	222.44					
POT	471643.384	2023678.224							
LINE			N 82°18'36.0" E	763.38					
PC	471745.535	2024434.738							
CURVE			N 60°31'38.7" E	531.54	43°33'54.7"(LT)	08°00'00.0"	544.56	286.21	716.20
PT	472007.057	2024897.493							
LINE			N 38°44'41.3" E	371.12					
POT	472296.511	2025129.762							

EY4

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	467946.426	1996579.621							
LINE			S 05°55'01.5" W	12.78					
PC	467933.710	1996578.303							
CURVE			S 09°00'54.8" W	81.07	06°11'46.7"(RT)	07°38'22.0"	81.11	40.59	750.00
PT	467853.642	1996565.599							
LINE			S 12°06'48.1" W	48.59					
PC	467806.133	1996555.403							
CURVE			S 08°53'51.0" W	123.42	06°25'54.3"(LT)	05°12'31.3"	123.48	61.81	1100.00
PT	467684.202	1996536.314							
LINE			S 05°40'53.8" W	16.59					
POT	467667.697	1996534.672							

EY4A

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	467841.946	1996563.089							
LINE			S 84°17'06.0" E	108.44					
PC	467831.148	1996670.988							
CURVE			N 87°44'33.1" E	117.89	15°56'41.8"(LT)	13°28'52.9"	118.27	59.52	425.00
PT	467835.792	1996788.789							
LINE			N 79°46'12.2" E	31.37					
POT	467841.363	1996819.663							

EY6

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	469544.126	2000749.877							
LINE			S 13°43'40.0" E	128.81					
PC	469418.998	2000780.444							
CURVE			S 08°03'41.5" E	98.73	11°19'57.0"(RT)	11°27'33.0"	98.89	49.61	500.00
PT	469321.240	2000794.290							
LINE			S 02°23'43.0" E	274.10					
PC	469047.385	2000805.745							
CURVE			S 01°21'44.5" E	90.13	02°03'57.0"(RT)	02°17'30.6"	90.14	45.07	2500.00
PT	468957.276	2000807.888							
LINE			S 00°19'46.0" E	374.81					
PC	468582.471	2000810.043							
CURVE			S 00°35'51.6" W	80.90	01°51'15.2"(RT)	02°17'30.6"	80.91	40.46	2500.00
PT	468501.573	2000809.199							
LINE			S 01°31'29.1" W	42.71					
POT	468458.878	2000808.063							

EY

POINT	N	E	BEARING	DIST
POT	468116.756	1994615.665		
LINE			S 13°51'11.0" E	296.50
POT	467828.883	1994686.656		

EY1

POINT	N	E	BEARING	DIST
POT	468513.909	1995259.709		
LINE			S 15°13'18.3" E	195.46
POT	468325.305	1995311.029		
LINE			S 14°17'21.6" E	146.35
POT	468183.478	1995347.152		
LINE			S 15°04'48.0" E	184.46
POT	468005.367	1995395.143		

EY2

POINT	N	E	BEARING	DIST
POT	468006.025	1995397.782		
LINE			S 14°04'14.0" E	385.69
POT	467631.902	1995491.551		

EY3

POINT	N	E	BEARING	DIST
POT	468462.052	1996153.179		
LINE			S 15°08'06.0" E	259.97
POT	468211.102	1996221.055		

EY5

POINT	N	E	BEARING	DIST
POT	469439.832	1997651.012		
LINE			S 10°11'39.0" E	316.61
POT	469128.218	1997707.047		
LINE			S 09°58'21.0" E	532.04
POT	468604.213	1997799.184		
LINE			S 76°00'44.3" W	0.81
POT	468604.018	1997798.398		
LINE			S 10°17'01.0" E	431.55
POT	468179.398	1997875.438		

EY7

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	470031.869	2001948.149							
LINE			S 20°34'40.0" E	207.88					
PC	469837.248	2002021.216							
CURVE			S 25°54'47.1" E	96.70	10°40'14.2"(LT)	11°01'06.3"	96.84	48.56	520.00
PT	469750.267	2002063.476							
LINE			S 31°14'54.2" E	13.85					
POT	469738.429	2002070.660							

EY8

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	470752.701	2002664.805							
LINE			S 38°19'07.8" E	96.77					
PC	470676.780	2002724.804							
CURVE			S 27°59'37.5" E	315.98	20°39'00.6"(RT)	06°30'00.0"	317.69	160.59	881.47
PT	470397.772	2002873.116							
LINE			S 17°40'07.2" E	68.60					
POT	470332.405	2002893.938							
LINE			S 17°40'07.2" E	451.84					
POT	469901.874	2003031.079							

PROJECT REFERENCE NO.	SHEET NO.
U-4405A	RW02C-5

Location and Surveys

NCDOT DIVISION 6
LOCATION AND SURVEYS
4834 US HWY 301 S
HOPE MILLS, NC 28348

PROJECT SURVEYOR

DocuSigned by: John E. Kaukola Jr.
F360958AE7B84F2...

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, John E. Kaukola, 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: Sept. 2013
Datum/Epoch: NAD 83/2011
Published/Fixed-control use: N/A
Localized around: U3424-1
Northing: 470729.901
Easting: 2003980.051
Combined grid factor: 0.99987500
Geoid model: G12
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 began in September 2013, 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 August, 2021.

DocuSigned by: John E. Kaukola Jr.
E360958AE7B84F2...

Professional Land Surveyor L-3999

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR.

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.

04-AUG-2021 16:19
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