

REVISIONS

02-MAY-2023 1403
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dustopies AT PF3WCC3
Division 11 Right of Way Sheets\5759-1s-rw02c-4.dgn

SURVEY CONTROL SHEET
W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT LINE	874357.532	1379035.690	N 03°30'30.0" W	2769.41					
PC CURVE	877121.753	1378866.219	N 03°36'36.8" W	111.87	00°12'13.6"(LT)	00°10'55.7"	111.87	55.94	31456.11
PCC CURVE	877233.405	1378859.175	N 05°02'50.5" W	95.69	02°40'13.9"(LT)	02°47'27.1"	95.69	47.86	2053.18
PCC CURVE	877328.723	1378850.756	N 07°30'22.9" W	80.53	02°14'50.9"(LT)	02°47'27.0"	80.53	40.27	2053.21
PCC CURVE	877408.566	1378840.235	N 09°21'41.9" W	17.56	01°27'47.2"(LT)	08°20'22.6"	17.54	8.78	687.64
PCC CURVE	877425.891	1378837.379	N 13°36'21.8" W	84.27	07°01'32.6"(LT)	08°20'21.4"	84.25	42.21	687.67
PCC CURVE	877507.797	1378817.555	N 19°24'01.1" W	101.03	04°33'46.0"(LT)	04°30'58.6"	101.03	50.55	1268.98
PCC CURVE	877603.089	1378783.997	N 25°08'18.7" W	101.79	06°54'49.3"(LT)	06°47'31.4"	101.79	50.99	844.06
PCC CURVE	877695.237	1378740.756	N 33°13'19.0" W	94.11	09°15'11.2"(LT)	09°49'59.5"	94.10	47.21	583.39
PCC CURVE	877773.968	1378689.193	N 38°34'16.7" W	175.68	01°26'44.2"(LT)	00°49'22.3"	175.69	87.85	6963.17
PCC CURVE	877911.322	1378579.657	N 39°43'44.1" W	105.68	00°52'10.7"(LT)	00°49'22.3"	105.68	52.84	6963.11
PT LINE	877992.601	1378512.108	N 40°09'49.4" W	621.31					
POT LINE	878467.413	1378111.376	N 40°14'49.4" W	159.31					
POT LINE	878589.008	1378008.449	N 40°19'49.4" W	495.40					
PC CURVE	878966.663	1377687.830	N 39°07'46.0" W	146.64	02°24'06.8"(RT)	01°38'16.6"	146.64	73.33	3498.15
PCC CURVE	879080.411	1377595.292	N 36°59'46.8" W	260.94	01°51'51.7"(RT)	00°42'52.0"	260.95	130.49	8019.74
PCC CURVE	879288.821	1377438.265	N 35°14'28.7" W	142.86	01°38'44.4"(RT)	01°09'06.8"	142.87	71.44	4974.10
PCC CURVE	879405.501	1377355.830	N 33°47'56.7" W	107.54	01°14'19.6"(RT)	01°09'06.8"	107.54	53.77	4974.10
PCC CURVE	879494.867	1377296.007	N 31°30'27.0" W	324.28	03°20'39.8"(RT)	01°01'52.3"	324.32	162.21	5556.33
PCC CURVE	879771.340	1377126.534	N 28°11'32.5" W	311.84	03°17'09.3"(RT)	01°03'12.9"	311.88	155.98	5438.25
PT LINE	880046.186	1376979.210	N 26°32'57.8" W	1003.13					
PC CURVE	880943.533	1376530.843	N 34°42'52.8" W	264.89	16°19'50.0"(LT)	06°08'50.1"	265.66	133.80	932.50
PCC CURVE	881161.268	1376379.994	N 46°50'59.5" W	150.46	07°56'23.4"(LT)	05°16'29.4"	150.52	75.41	1086.59
PT LINE	881264.166	1376270.227	N 50°49'11.2" W	349.04					
PC CURVE	881484.674	1375999.667	N 50°47'56.7" W	100.19	00°02'28.8"(RT)	00°02'28.6"	100.19	50.09	138833.73
PT LINE	881547.996	1375922.030	N 50°46'42.3" W	185.95					
POT LINE	881665.578	1375777.971	N 50°46'42.3" W	79.62					
PC CURVE	881715.925	1375716.287	N 51°01'24.9" W	134.60	00°29'25.1"(LT)	00°21'51.4"	134.60	67.30	15728.55
PT LINE	881800.585	1375611.652	N 51°16'07.4" W	149.55					
POT LINE	881894.152	1375494.992	N 51°16'07.4" W	497.43					
PC CURVE	882205.376	1375106.955	N 50°42'49.7" W	98.83	01°06'35.4"(RT)	01°07'22.5"	98.83	49.42	5102.46
PT LINE	882267.957	1375030.458	N 50°09'32.0" W	100.45					
PC CURVE	882332.310	1374953.332	N 50°27'26.5" W	130.93	00°35'49.0"(LT)	00°27'21.4"	130.93	65.46	12566.32
PT LINE	882415.664	1374852.369	N 50°45'21.0" W	1763.65					
PC CURVE	883531.395	1373486.498	N 50°43'15.4" W	398.51	00°40'18.7"(RT)	00°10'06.9"	398.52	199.26	33985.34
PCC CURVE	883783.693	1373178.020	N 35°25'06.3" W	650.11	29°55'59.6"(RT)	04°33'12.0"	657.39	336.47	1258.66
PCC CURVE	884313.497	1372801.252	N 17°51'24.0" W	182.20	05°11'24.9"(RT)	02°50'52.9"	182.24	91.19	2011.97
PT LINE	884486.917	1372745.383	N 15°15'41.6" W	307.61					
PC CURVE	884783.681	1372664.412	N 17°07'49.7" W	90.80	03°44'16.2"(LT)	04°06'59.6"	90.80	45.43	1392.14
PT LINE	884870.456	1372637.666	N 18°59'57.8" W	44.25					
PC CURVE	884912.298	1372623.259	N 24°04'19.8" W	153.12	10°08'44.1"(LT)	06°37'15.0"	153.24	76.86	865.87
PCC CURVE	885052.104	1372560.802	N 46°53'05.7" W	581.33	35°28'47.6"(LT)	06°00'32.2"	590.45	305.18	953.94
PCC CURVE	885449.422	1372136.443	N 69°43'38.7" W	240.96	10°12'18.4"(LT)	04°13'49.8"	241.23	120.96	1354.66
PT LINE	885532.912	1371910.407	N 74°49'47.9" W	2293.63					
PC CURVE	886133.119	1369696.705	S 84°31'43.6" W	269.30	41°16'57.0"(LT)	15°02'35.4"	274.43	143.89	381.97
PT LINE	886107.442	1369428.630	S 63°53'15.1" W	293.65					
POT LINE	885978.196	1369164.952							

RPA POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC CURVE	877425.892	1378837.379	N 30°49'06.6" E	169.42	81°49'24.3"(RT)	45°28'49.5"	179.91	112.09	129.35
PCC CURVE	877571.388	1378924.176	S 85°19'04.7" E	69.63	45°54'13.1"(RT)	68°06'52.1"	67.39	37.81	89.28
PT LINE	877565.704	1378993.576							

RPB POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC CURVE	882129.922	1374999.601	N 76°33'51.1" E	54.55	55°05'27.2"(LT)	115°56'35.3"	47.52	30.76	58.98
PCC CURVE	882142.597	1375052.656	N 00°43'19.6" W	108.08	99°28'54.0"(LT)	89°50'09.6"	110.74	83.62	70.81
PT LINE	882250.665	1375051.294							

PROJECT REFERENCE NO.
R-5759

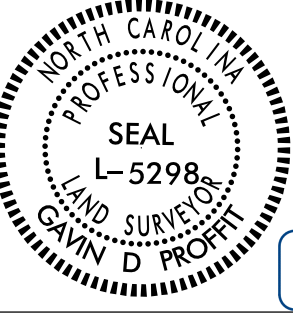
SHEET NO.
RW02C-4

Location and Surveys



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Charlotte, NC 28218
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NCELS # 00000

PROJECT SURVEYOR



DocuSigned by:

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DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

The Project Control was provided by NCDOT
Class of survey: **AA**
Type of GPS field procedure: RTN
Datum/Epoch: NAD 83 (2011) / 2010.00
Published/Fixed-control used: N/A
Localized around: R5759-4
Northing: 882112.334
Easting: 1375178.976
Combined grid factor: 0.9999463766
Geoid model: G12NC
Units: Survey Feet

I 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 6/2017 to 7/2017 , 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 May, 2023.

DocuSigned by:

GAVIN D. PROFFITT
Professional Land Surveyor L-5298

EY1 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC CURVE	876192.101	1378923.215	N 69°32'44.1" W	78.50	47°55'31.9"(RT)	62°18'53.6"	76.91	42.95	96.64
PCC CURVE	876219.533	1378849.666	N 37°22'37.7" W	59.08	16°24'40.9"(RT)	27°57'27.5"	58.70	29.85	206.99
PT LINE	876266.485	1378813.798	N 29°10'17.3" W	137.51					
PC CURVE	876386.557	1378746.771	N 30°23'59.6" W	150.22	02°27'24.7"(LT)	01°38'07.7"	150.22	75.13	3503.45
PCC CURVE	876516.122	1378670.755	N 36°29'50.6" W	150.24	09°44'17.2"(LT)	06°28'38.3"	150.34	75.39	885.03
PT LINE	876636.899	1378581.394							

EY2 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT LINE	877328.724	1378850.756	N 63°18'26.4" W	101.32					
PC CURVE	877374.236	1378760.236	N 67°27'20.1" W	27.72	08°17'47.4"(LT)	30°15'00.3"	27.43	13.90	191.62
PCC CURVE	877384.865	1378734.631	N 81°38'22.1" W	99.87	20°04'16.7"(LT)	20°05'55.3"	99.86	50.71	286.54
PCC CURVE	877399.385	1378635.828	S 89°46'35.2" W	154.50	02°54'11.2"(RT)	01°52'44.0"	154.51	77.28	3049.60
PCC CURVE	877398.783	1378481.325	S 87°14'43.6" W	145.25	07°57'54.4"(LT)	05°28'52.8"	145.31	72.80	1045.69
PT LINE	877391.802	1378336.241							

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.