


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
U-5112	RW02C-4
Location and Surveys	
ESP ASSOCIATES, INC 3475 LAKEMONT BLVD FORT MILL, SC 29708	
PROJECT SURVEYOR: RANDY W. NANCE	
 LICENSE NO. F-1407	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BL	POINT	DESC.	NORTH	EAST	ELEVATION
1		U5112-1	490008.1210	1489626.4520	775.10
2		U5112-2	489936.2470	1491299.5460	776.94
5		BL-5	489789.4450	1491825.1480	777.67
6		BL-6	489585.0250	1492454.4090	774.98
7		BL-7	489403.9230	1493200.2120	768.53
8		BL-8	489131.1180	1493506.5490	760.38
3		U5112-3	489194.3300	1493685.4820	758.25

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
9		BY-9	490715.8950	1492553.5840	783.63
10		BY-10	490128.9370	1492451.7410	780.63
306		BL-6	489585.0250	1492454.4090	774.98
11		BY-11	489016.9430	1492278.6080	775.31
12		BY-12	488703.8270	1492055.2000	769.00

BY2	POINT	DESC.	NORTH	EAST	ELEVATION
13		BY-13	489430.2420	1493530.7200	762.96
303		U5112-3	489194.3300	1493685.4820	758.25
4		U5112-4	488347.1740	1494244.4140	754.12

.....
 BM1 ELEVATION = 776.26
 N 489900 E 1491206
 6 INCH SURVEY NAIL AT BASE OF BIRCH TREE

.....
 BM2 ELEVATION = 755.12
 N 489074 E 1493781
 MAG NAIL IN SW CONER CONC PAD FOR TELPED 624

.....
 BM3 ELEVATION = 782.97
 N 490781 E 1492568
 MAG NAIL IN NW CORNER TRAFFIC SIGNAL BOX

.....
 BM4 ELEVATION = 760.09
 N 488324 E 1491957
 MAG NAIL NW CORNER OF CONC PAD FOR WINDSTREAM PED 645

.....
 BM1 ELEVATION = 776.26
 N 489900 E 1491206
 BL STATION 20+82.00 40 RIGHT
 6 INCH SURVEY NAIL AT BASE OF BIRCH TREE

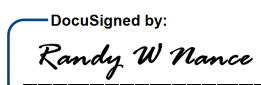
.....
 BM2 ELEVATION = 755.12
 N 489074 E 1493781
 BL STATION 47+49.00
 S 38+29'40.8" E DIST 153.24
 MAG NAIL IN SW CONER CONC PAD FOR TELPED 624


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 BM3 ELEVATION = 782.97
 N 490781 E 1492568
 BY1 STATION 5+00.00
 N 12+23'57.4" E DIST 66.31
 MAG NAIL IN NW CORNER TRAFFIC SIGNAL BOX

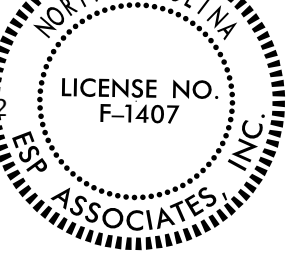
.....
 BM4 ELEVATION = 760.09
 N 488324 E 1491957
 BY2 STATION 5+62.00 1923 RIGHT
 MAG NAIL NW CORNER OF CONC PAD FOR WINDSTREAM PED 645

I, Randy W. Nance, PLS certify that the Baseline Control for this project was completed under my direct and responsible charge from an actual survey made under my supervision using GPS control provided by NCDOT; 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 07/25/2022 to 08/25/2022, 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 26th day of August, 2022.

DocuSigned by:

 Randy W. Nance
 Professional Land Surveyor L-4185

DocuSigned by:

 SEAL L-4185
 RANDY W. NANCE
 PROFESSIONAL LAND SURVEYOR

DocuSigned by:

 LICENSE NO. F-1407
 ESP ASSOCIATES, INC.

U-4714 CONTROL TIES

Point	North	East	Station	Elevation
35	489,244.6020	1,493,672.7420	0+00.00	758.9090
	Data Set : TRAV_JG Feature : 4020_BL35 Description : U4147			
72	490,258.8240	1,492,445.9160	0+00.00	782.4230
	Data Set : TRAV_JG Feature : 4020_BY5 Description : U4147			
202	490,068.0680	1,493,118.4230	0+00.00	766.8350
	Data Set : TRAV_JG Feature : 4020 Description : U3825			

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.

REVISIONS

29-AUG-2022 07:51
 E:\Projects\NCDOT\2022\JM01112_u5112_con_esp\Location\Control_Sheets\U5112_ls_rw02c-4_1220826.dgn
 Petrucci AT ESP22061517