PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.85	1C-1
Location and Surveys	

SURVEY CONTROL SHEET 19-0065
-FINAL-

BL

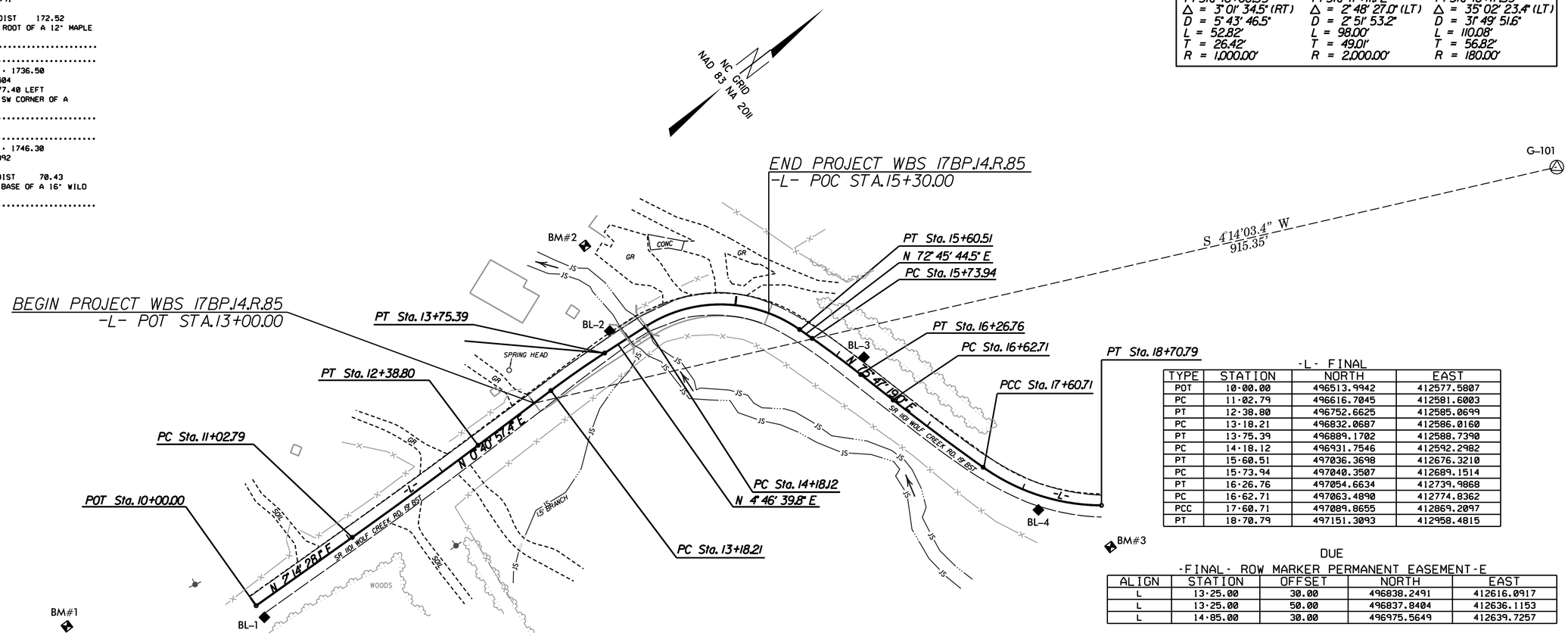
POINT	DESC.	NORTH	EAST	ELEVATION	EL STATION	OFFSET
1	-BL-1	496513.4060	412590.4070	1766.80	OUTSIDE PROJECT LIMITS	
2	-BL-2	496904.4420	412576.2590	1738.40	13+89.84	11.27 LT
3	-BL-3	497066.1090	412729.7290	1744.82	16+20.19	13.64 LT
4	-BL-4	497105.2190	412928.4550	1750.12	18+19.32	12.62 RT

BM1 ELEVATION = 1778.09
N 496372 E 412491
BL STATION 5+00.00
S 35°10'05.57" W DIST 172.52
8" SPIKE SET IN THE ROOT OF A 12" MAPLE TREE

BM2 ELEVATION = 1736.50
N 496933 E 412504
BL STATION 8+91.29 77.40 LEFT
CHISELED "X" IN THE SW CORNER OF A CONCRETE PAD

BM3 ELEVATION = 1746.30
N 497135 E 412992
BL STATION 13+17.00
N 64°32'34.12" E DIST 70.43
8" SPIKE SET IN THE BASE OF A 16" WILD CHERRY TREE

-L- CURVE DATA		
PI Sta 11+70.80 Δ = 1° 33' 30.7" (LT) D = 1° 08' 45.3" L = 136.01' T = 68.01' R = 5,000.00'	PI Sta 13+46.81 Δ = 4° 05' 42.4" (RT) D = 7° 09' 43.1" L = 57.18' T = 28.60' R = 800.00'	PI Sta 14+99.04 Δ = 67° 59' 04.7" (RT) D = 47° 44' 47.3" L = 142.39' T = 80.92' R = 120.00' SE = 0.04
PI Sta 16+00.35 Δ = 3° 01' 34.5" (RT) D = 5° 43' 46.5" L = 52.82' T = 26.42' R = 1,000.00'	PI Sta 17+11.72 Δ = 2° 48' 27.0" (LT) D = 2° 51' 53.2" L = 98.00' T = 49.01' R = 2,000.00'	PI Sta 18+17.53 Δ = 35° 02' 23.4" (LT) D = 31° 49' 51.6" L = 110.08' T = 56.82' R = 180.00'



-L- FINAL

TYPE	STATION	NORTH	EAST
POT	10+00.00	496513.9942	412577.5807
PC	11+02.79	496616.7045	412581.6003
PT	12+38.80	496752.6625	412585.0699
PC	13+18.21	496832.0687	412586.0160
PT	13+75.39	496889.1702	412588.7390
PC	14+18.12	496931.7546	412592.2982
PT	15+60.51	497036.3698	412676.3210
PC	15+73.94	497040.3507	412689.1514
PT	16+26.76	497054.6634	412739.9868
PC	16+62.71	497063.4890	412774.8362
PCC	17+60.71	497089.8655	412869.2097
PT	18+70.79	497151.3093	412958.4815

DUE
-FINAL- ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	13+25.00	30.00	496838.2491	412616.0917
L	13+25.00	50.00	496837.8404	412636.1153
L	14+85.00	30.00	496975.5649	412639.7257

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "190065 G-101"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 497645.855(ft) EASTING: 412967.436(ft)
ELEVATION: 1773.05(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9998024245
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "190065 G-101" TO -L- STATION 13+00.00 IS
S 24°38'27.8" W 915.35'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

GEOID MODEL - G12NC
NOTE: DRAWING NOT TO SCALE

NOTES:

1. THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:
HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/

THE FILES TO BE FOUND ARE AS FOLLOWS:
19-0065_LS_CONTROL.TXT

SITE CALIBRATION INFORMATION HAS NOT BEEN PROVIDED FOR THIS PROJECT. IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

△ INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT.

PROJECT CONTROL ESTABLISHED USING GLOBAL POSITIONING SYSTEM.

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