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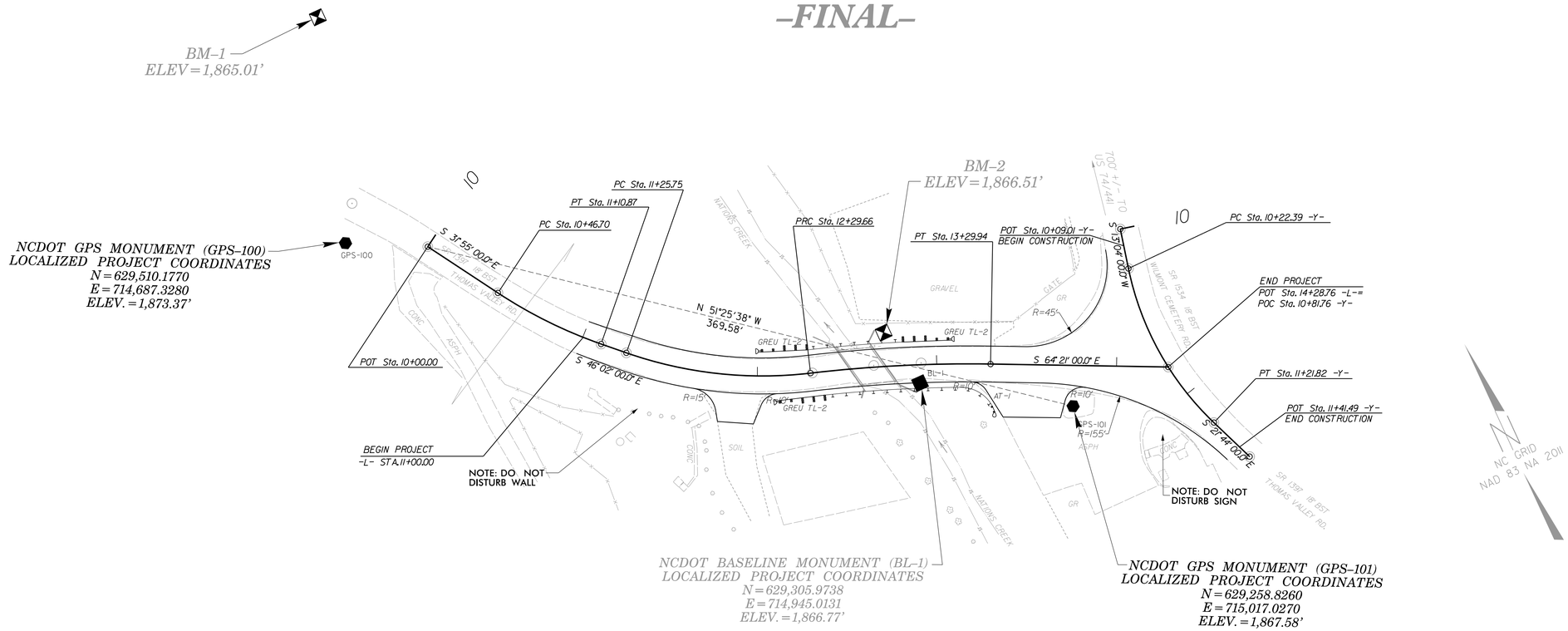
PROJECT REFERENCE NO.	SHEET NO.
B-6032	1C-1
Location and Surveys	

SURVEY CONTROL SHEET
-FINAL-



BL

POINT	DESC.	NORTH	EAST	ELEVATION	EL STATION	OFFSET
G100	GPS-100	629510.1770	714687.3280	1873.37	10+06.80	21.39 RT
1	BL-1	629305.9738	714945.0131	1866.77	13+39.51	11.30 RT
G101	GPS-101	629258.8260	715017.0270	1867.58	14+24.86	22.63 RT

****
BM1 ELEVATION = 1865.01'
N 629630.62 E 714725.75
BL STATION 5+00.00
N 17°41'40.31" E DIST 126.42'
R/R SPIKE SET IN NEW X-TIE ON R/R
****
****
BM2 ELEVATION = 1866.51'
N 629340.00 E 714938.36
BL STATION 8+02.44 22.54' LEFT
NAIL SET IN ROOT OF 12" SYCAMORE
****

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "GPS-101"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 629258.8260(ft) EASTING: 715017.0270(ft)
ELEVATION: 1867.58(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999791251
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "GPS-101" TO -L- STATION 10+00.00 IS
N 51°25'38" W 369.58'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

FINAL L

TYPE	STATION	NORTH	EAST
POT	10+00.00	629489.2608	714728.0844
PC	10+46.70	629449.6192	714752.7751
PT	11+10.87	629399.8608	714793.0327
PC	11+25.75	629389.5309	714803.7421
PRC	12+29.66	629336.5041	714892.0713
PT	13+29.94	629299.2577	714985.1025
POT	14+28.76	629256.4852	715074.1762

FINAL Y

TYPE	STATION	NORTH	EAST
POT	10+00.00	629337.2736	715081.9969
PC	10+22.39	629315.4614	715076.9344
POC	10+81.76	629256.4852	715074.1762
PT	11+21.82	629217.8340	715084.3322
POT	11+49.25	629192.3581	715094.4874

PDE
FINAL ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	11+95.00	-30.00	629376.4673	714873.4971
L	11+95.00	-65.00	629407.7480	714889.1980
L	12+25.00	-70.00	629404.1130	714910.6215
L	12+50.00	29.65	629302.0183	714901.4113
L	12+60.00	-30.78	629355.4178	714931.4122
L	13+00.00	56.00	629260.2689	714935.6506
L	13+15.00	47.00	629262.8269	714952.0702
L	13+15.00	29.86	629278.4253	714959.1815

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:
490144_LS_CONTROL.TXT

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

△ INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT BY THE NCDOT LOCATION AND SURVEYS UNIT.
PROJECT CONTROL ESTABLISHED USING GLOBAL POSITIONING SYSTEM.

12/6/2021 9:17:53 AM
C:\Projects\490144_rdy_1C-1.dgn
$$$$USERNAME$$$$