PROJECT REFERENCE NO.	SHEET NO.
21-0086 /21-0087	1C-1
Location and Surveys	

SURVEY CONTROL SHEET 21-0086/87
-FINAL-

210086

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1	BL1	499253.9723	562928.9087	1813.48	18+70.72	17.76 RT
2	BL2	499489.8240	562784.0822	1806.29	21+47.48	15.04 RT
3	BL3	499837.3722	562581.3499	1823.38	25+48.55	22.70 RT

210087

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
4	BL4	498711.9420	563251.1370	1831.12	12+41.93	14.19 RT
5	BL5	498963.7180	563076.0710	1818.90	15+46.14	5.54 LT
6	BL6	499230.8770	562910.5750	1813.09	18+60.36	9.85 LT

BM1 ELEVATION = 1810.75
N 499339 E 562891
L STATION 19+63.00 29 RIGHT
8" SPIKE SET IN ROOT OF A 20" SYCAMORE TREE

BM2 ELEVATION = 1817.66
N 499757 E 562582
L STATION 24+81.00 20 LEFT
8" SPIKE SET IN ROOT OF A 18" PINE TREE

BM3 ELEVATION = 1829.78
N 498719 E 563253
L STATION 12+48.00 19 RIGHT
8" SPIKE SET IN THE ROOT OF A 18" DOUBLE LOCUST TREE

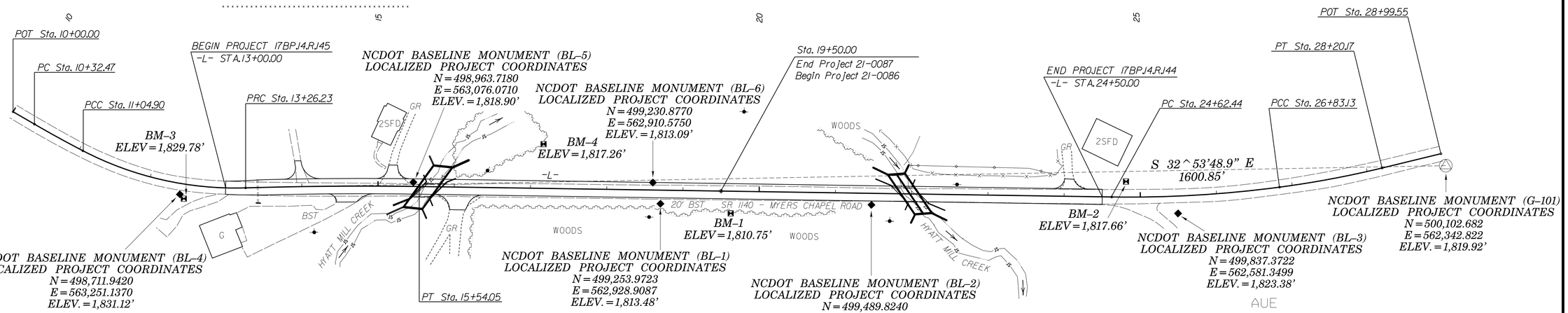
BM4 ELEVATION = 1817.26
N 499083 E 562943
L STATION 17+16.00 58 LEFT
8" SPIKE SET IN THE BASE OF A 18" WALNUT TREE

NAD 83/NC GRID NSRS 2007

PDE

-FINAL- ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	15+40.00	-40.00	498940.6330	563049.7543
L	15+40.00	-60.00	498930.2872	563032.6381
L	16+24.99	-60.00	499003.2792	562988.7808
L	16+25.00	-40.00	499013.5862	563005.9143
L	21+30.00	-40.00	499446.5026	562745.8981
L	21+30.00	-75.00	499428.4817	562715.8940
L	22+10.00	-40.00	499515.0834	562704.7074
L	14+80.00	40.00	498931.2644	563149.3131
L	15+54.05	55.00	499001.6784	563123.8845
L	16+20.00	40.00	499050.4906	563077.0695
L	22+80.00	40.00	499616.2823	562737.2464
L	22+80.00	56.23	499624.6409	562751.1631
L	22+80.00	65.00	499629.1544	562758.6779
L	22+46.96	58.81	499597.6414	562770.3787
L	22+00.00	50.00	499552.8504	562787.0097
L	21+30.00	50.00	499492.8421	562823.0515
L	21+30.00	40.00	499487.6933	562814.4789



-L- FINAL

TYPE	STATION	NORTH	EAST
POT	10+00.00	498469.0313	563274.6430
PC	10+32.47	498501.4825	563273.6901
PCC	11+04.90	498573.8099	563269.8167
PRC	13+26.23	498780.7941	563198.4467
PT	15+54.05	498973.3598	563076.7352
PC	24+62.44	499752.0888	562609.0187
PCC	26+83.13	499932.2468	562481.9104
PT	28+20.17	500033.3334	562389.4793
POT	28+99.55	500089.0174	562332.8960

AUE

-FINAL- ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	20+25.22	-40.00	499356.6748	562799.8500
L	19+65.83	-89.09	499280.4948	562788.3413
L	19+91.32	-119.92	499286.4700	562748.7901
L	20+87.99	-40.00	499410.4922	562767.5265
L	24+87.55	12.50	499780.1135	562606.5209
L	24+85.78	40.36	499793.3177	562631.1151
L	22+46.96	58.81	499597.6414	562770.3787
L	22+21.92	60.75	499577.1824	562784.9395
L	23+40.51	132.37	499715.7158	562785.2734
L	23+19.83	166.61	499715.6194	562825.2733
L	14+21.18	46.29	498885.2564	563185.6896
L	16+44.55	130.57	499118.1721	563142.0674
L	16+34.10	158.69	499123.6872	563171.5561
L	14+09.82	74.11	498890.7816	563215.1764

-FINAL- ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	13+00.00	-12.50	498752.2483	563201.4836
L	13+00.00	-40.00	498738.4377	563177.7030
L	13+26.23	-40.00	498758.6583	563165.1299
L	15+54.05	-40.00	498952.7644	563042.4448
L	16+55.00	-40.00	499039.3041	562990.4678
L	16+90.00	-15.00	499082.1802	562993.8784
L	18+65.00	-15.00	499232.2008	562903.7737
L	19+05.00	-40.00	499253.6191	562861.7469
L	23+90.00	-40.00	499669.3903	562612.0284
L	24+50.17	-12.42	499735.1698	562604.6894
L	24+50.00	12.58	499747.8977	562626.2088
L	24+50.00	20.00	499751.7189	562632.5710
L	23+90.00	40.00	499710.5809	562680.6092
L	19+00.00	40.00	499290.5235	562932.9021
L	16+20.00	40.00	499050.4906	563077.0695
L	15+54.05	40.00	498993.9551	563111.0256
L	14+80.00	40.00	498931.2644	563149.3131
L	14+80.00	30.00	498925.9892	563140.8177
L	13+25.00	30.00	498796.2990	563224.1609
L	13+00.00	30.00	498773.5920	563238.2354
L	13+00.00	12.50	498764.8034	563223.1023

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "BD5114H G-101" WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 500102.682(ft) EASTING: 562342.822(ft) ELEVATION: 1819.92(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999797826
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "BD5114H G-101" TO -L- STATION 13+00.00 IS S 32°53'48.9" E 1600.85'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

GEOID MODEL - G09NC
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:
   210086_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.

6/2/99
10/24/2016
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User:mtzquick