PROJECT REFERENCE NO.	SHEET NO.
37-0087	1C-1

Location and Surveys

PREPARED IN THE OFFICE OF:

NCDOT, DIVISION 14
LOCATION AND SURVEYS UNIT
122 BONNIE LAND
SYLVA, NC 28779

SURVEY CONTROL SHEET 37-0087
-FINAL-

BL

POINT	DESC.	NORTH	EAST	ELEVATION
1		633437.8350	555335.8580	1820.90
2		633597.4810	555520.7740	1821.10
3		633630.4652	555699.8110	1828.46

****
BM1 ELEVATION = 1827.25
N 633588 E 555642
8 INCH SPIKE IN BASE OF 36 INCH WALNUTTREE
****

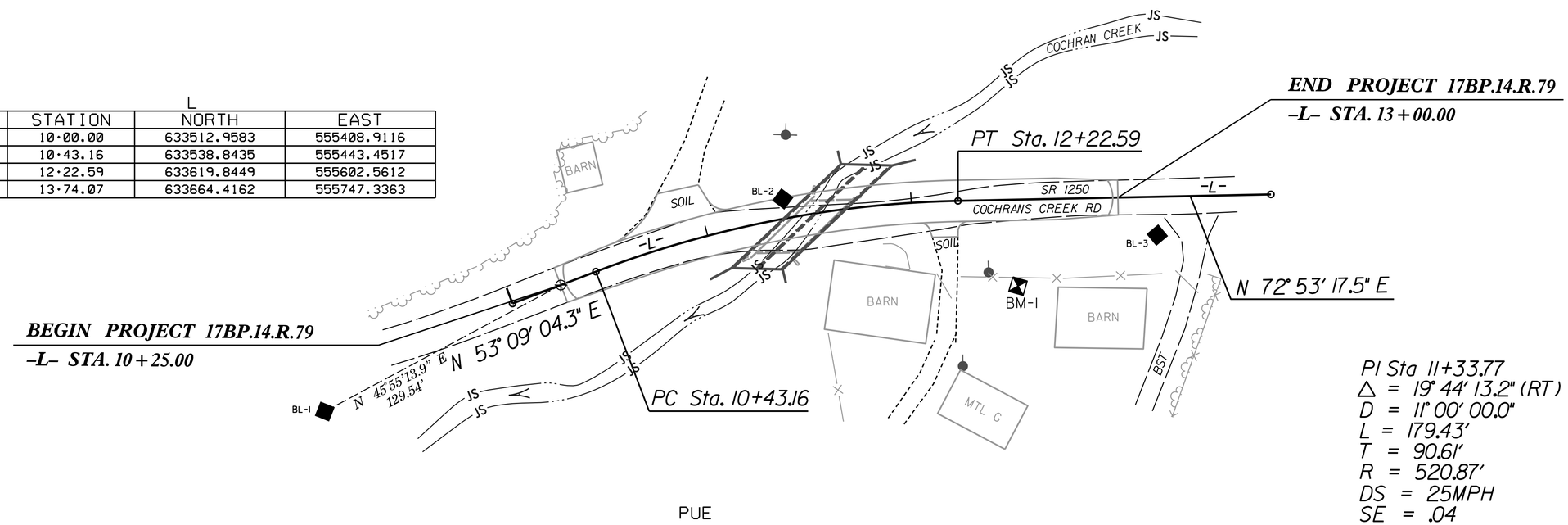
NC GRID
NAD 83/NSRS 2007

PDE
ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	10+70.00	30.12	633529.3734	555482.1321
L	11+22.00	42.00	633544.1541	555529.7012
L	11+50.00	36.42	633560.7465	555550.3421
L	11+53.00	-23.60	633616.4195	555527.7296
L	11+64.00	-42.00	633637.9956	555530.8654
L	12+18.00	-40.00	633656.5990	555586.0740
L	12+18.00	-25.64	633642.9086	555590.4213

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	633512.9583	555408.9116
PC	10+43.16	633538.8435	555443.4517
PT	12+22.59	633619.8449	555602.5612
POT	13+74.07	633664.4162	555747.3363



PUE
ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	11+32.00	-26.28	633609.2144	555506.7662
L	11+39.00	-79.00	633659.7765	555489.9719
L	11+53.00	-63.00	633652.1986	555511.2225
L	12+25.00	33.95	633588.1080	555614.8530
L	12+26.00	45.00	633577.8402	555619.0604
L	12+47.00	31.62	633596.8069	555635.1939
L	12+47.00	45.00	633584.0192	555639.1308
L	12+56.00	-29.14	633657.5285	555625.9167
L	12+65.00	-52.00	633682.0215	555627.7930
L	12+68.00	-29.68	633661.5729	555637.2274
L	12+82.00	-66.00	633700.4038	555639.9211

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "370087-BL-1"
WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF
NORTHING: 633,437.835(ft) EASTING: 555,335.858(ft)
ELEVATION: 1,820.90(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99979306
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "370087 BL-1" TO -L- STATION 10+25.00 IS
N 45°55'13.9" E 129.54'
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:
37-0087_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.

6/2/99
REVISIONS
$$$$$$SYSTIME$$$$$$
$$$$$$