

# SURVEY CONTROL SHEET B-5244 (FINAL)

## (DESIGN ALIGNMENTS) -L-

L			
TYPE	STATION	NORTH	EAST
PC	10+00.00	640161.5318	963430.4023
PT	11+70.17	640315.7592	963499.0688
PC	12+36.33	640368.9387	963538.4195
PT	16+79.29	640672.3097	963858.1059
POT	18+02.10	640740.0930	963960.5153

## (PERMANENT EASEMENTS) -L-

L PERMANENT EASEMENT (IRON PIN AND CAP)				
ALIGN	STATION	OFFSET	NORTH	EAST
L	13+00.00	-45.00	640447.7004	963542.7774
L	13+00.00	-29.59	640437.9254	963554.6882
L	13+40.00	30.61	640429.5140	963626.4589
L	13+40.00	42.00	640422.0137	963635.0323
L	13+60.00	-60.00	640504.8295	963572.1787
L	14+15.00	30.79	640483.0167	963676.3796
L	14+15.00	42.00	640475.1506	963684.3654
L	14+50.00	-52.00	640566.7156	963643.3194
L	15+50.00	-45.00	640630.3901	963725.5866
L	15+50.00	-30.30	640619.0241	963734.9020

**NOTES:**

1. THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:  
[HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/](https://connect.ncdot.gov/resources/location/)

THE FILES TO BE FOUND ARE AS FOLLOWS:  
TIP B5244\_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.  
NETWORK ESTABLISHED FROM EXISTING HARN MONUMENTATION  
SEE GPS CALIBRATION SHEET FOR HORIZONTAL AND VERTICAL COORDINATE VALUES.

NOTE: DRAWING NOT TO SCALE

### DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "B-5244-2 = GPS-2"  
WITH NAD 83 STATE PLANE GRID COORDINATES OF  
NORTHING: 640770.6660(ft) EASTING: 963975.4760(ft)  
ELEVATION: 2129.70(ft)  
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99963296  
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B-5244-2 = GPS-2" TO -L- STATION 12+50.00 IS  
S 47°39'37.2" W 580.20'  
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES  
VERTICAL DATUM USED IS NAVD 88