

SURVEY CONTROL SHEET U-3308

Y4

TYPE	STATION	NORTH	EAST
POT	9+82.13	814332.5608	2033143.6944
POT	14+92.17	814679.1901	2032769.5501

Y5

TYPE	STATION	NORTH	EAST
POT	10+17.87	814332.5608	2033143.6944
PC	10+97.27	814278.5985	2033201.9402
PT	12+48.88	814193.8649	2033326.9641
POT	12+90.03	814176.1900	2033364.1200

Y6

TYPE	STATION	NORTH	EAST
POT	9+56.56	814687.6615	2033355.7566
POT	13+83.23	814865.3283	2032967.8388

Y7

TYPE	STATION	NORTH	EAST
POT	10+43.44	814687.7682	2033355.8182
POT	12+85.85	814586.8700	2033576.2300

Y8

TYPE	STATION	NORTH	EAST
POT	9+60.63	814871.9492	2033449.7037
POT	14+21.52	815063.4132	2033030.4667

Y9

TYPE	STATION	NORTH	EAST
POT	10+39.37	814871.9492	2033449.7037
POT	14+24.47	814711.9715	2033799.9973

YB

TYPE	STATION	NORTH	EAST
POT	25+88.05	812999.5111	2032766.3065
EOB	32+13.06	813298.7824	2032217.6036
EQA	12+15.57	813298.7824	2032217.6036
PT	14+16.22	813201.9491	2032393.3207
EOB	20+34.15	812914.8683	2032940.5100
EQA	21+48.54	812914.8683	2032940.5100

YC

TYPE	STATION	NORTH	EAST
POT	10+00.00	812854.3078	2032802.1302
POT	11+18.64	812971.8128	2032818.4827

YA

TYPE	STATION	NORTH	EAST
POT	10+00.00	812607.6605	2032127.0258
PC	10+02.07	812606.5497	2032128.7733
PT	13+02.66	812459.4697	2032390.7487
POT	15+46.91	812351.7098	2032609.9423

CSX

TYPE	STATION	NORTH	EAST
POT	10+00.00	813511.4993	2032087.7289
POT	28+78.85	812648.7879	2033756.8067

CSXN

TYPE	STATION	NORTH	EAST
POT	10+00.00	813356.9237	2032412.7800
POT	16+92.30	813038.2320	2033027.3645

CSXSW

TYPE	STATION	NORTH	EAST
POT	0+00.00	813080.4544	2032921.6664
POT	0+31.25	813066.1054	2032949.4273
PC	2+50.44	812985.3844	2033153.2142
PT	3+50.38	812943.7911	2033244.0383

EXCSX

TYPE	STATION	NORTH	EAST
POT	10+00.00	813169.1080	2032810.1863
PC	10+79.64	813125.7150	2032876.9699
PT	12+52.28	813038.8884	2033026.0984

JOHNWALL2

TYPE	STATION	NORTH	EAST
POT	48+71.49	815365.1280	2033742.2623
POT	49+11.50	815348.2800	2033778.5423

DR1

TYPE	STATION	NORTH	EAST
POT	10+00.00	815365.5622	2033795.9370
POT	10+90.00	815283.9307	2033758.0386

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "U3308-1"

WITH NAD 83/95 STATE PLANE GRID COORDINATES OF
 NORTHING: 812119.1565(ft) EASTING: 2032940.6980(ft)
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT
 (GROUND TO GRID) IS: 0.99994270
 THE N.C. LAMBERT GRID BEARING AND
 LOCALIZED HORIZONTAL GROUND DISTANCE FROM
 "U3308-1" TO -LALT- 13+50.00 IS
 N 84° 58' 17.0" W 634.7202 (ft)

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
 VERTICAL DATUM USED IS NAVD 88

NOTES:

- THE SITE CALIBRATION SHOWN IS BASED UPON A NETWORK TIED TO THE HARN (HIGH ACCURACY REFERENCE NETWORK) NAD 83/95 ADJUSTMENT. THIS CALIBRATION WILL ALLOW THE END USER TO WORK WITHIN THE SAME COORDINATE SYSTEM WHEN USING RTK (REAL TIME KINEMATIC) GPS AND A LOCAL BASE STATION. IF ANOTHER SYSTEM SUCH AS VRS (VIRTUAL REFERENCE STATION) IS USED, ADDITIONAL FIELD TIES MAY BE NEEDED TO REDUCE POSSIBLE ERRORS, OR BIASES.
 - 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:
 U3308_CONTROL.TXT
 THE WGS84 AND LOCAL FILES ARE COMMA DELIMITED AND CAN BE USED TO REPRODUCE THE SITE CALIBRATION FOR THE END USER'S GPS EQUIPMENT. 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