

SURVEY CONTROL SHEET U-3308

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y10	10+43.68	-36.38	815031.4018	2033443.2282
Y10	10+44.10	35.67	815096.8948	2033473.2710
Y10	10+64.00	-15.00	815059.3647	2033433.8382
Y10	10+64.00	15.00	815086.5597	2033446.5040

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y11	10+65.97	-31.60	815046.7317	2033571.3278
Y11	10+90.00	-15.00	815021.5420	2033586.1059
Y11	10+90.00	15.00	814994.3469	2033573.4401

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y12	10+55.31	-35.75	815205.1402	2033522.9251
Y12	10+55.75	35.30	815269.7234	2033552.5509
Y12	10+76.00	15.00	815259.8777	2033525.6207
Y12	10+76.00	-15.00	815232.6877	2033512.9434

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y13	10+47.63	-15.00	815207.6360	2033637.6675
Y13	11+10.00	50.00	815122.3684	2033666.7287
Y13	11+22.00	15.00	815149.0190	2033692.3947

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y13	10+47.63	-15.00	815207.6360	2033637.6675
Y13	11+10.00	50.00	815122.3684	2033666.7287
Y13	11+22.00	15.00	815149.0190	2033692.3947

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y14	10+45.15	-38.15	815406.1923	2033617.8378
Y14	10+55.00	-25.00	815422.2664	2033614.4390
Y14	10+83.00	29.91	815483.8567	2033612.1613
Y14	11+08.00	-25.00	815444.5833	2033566.3666
Y14	11+08.00	-23.00	815446.3948	2033567.2076

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y15	10+36.18	-40.99	815443.7219	2033724.9293
Y15	10+80.00	25.00	815365.4156	2033736.8839
Y15	12+15.00	-46.00	815372.9679	2033889.2306
Y15	12+80.00	-46.01	815345.5960	2033948.1864
Y15	12+80.00	-28.01	815329.2701	2033940.6060
Y15	13+89.49	-28.01	815283.1632	2034039.9147
Y15	14+34.91	-28.00	815265.4860	2034080.3705
Y15	14+63.00	-28.00	815254.3245	2034106.8037
Y15	14+63.00	-43.00	815268.0754	2034112.7964
Y15	15+36.00	-43.00	815238.9111	2034179.7175
Y15	15+36.00	-28.00	815225.1601	2034173.7249
Y15	16+20.00	-28.00	815191.6012	2034250.7300
Y15	16+20.00	-19.62	815183.9196	2034247.3824

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y15A	10+37.68	-39.22	815407.5310	2033800.5373
Y15A	10+62.00	-20.00	815421.1384	2033831.5498
Y15A	10+62.00	20.00	815398.0350	2033864.2029

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y16	10+53.06	-32.73	815928.2855	2033653.2206
Y16	10+53.09	38.27	815999.2398	2033655.7663
Y16	10+63.00	-23.00	815938.3681	2033643.6357
Y16	10+68.00	23.00	815984.5192	2033640.3088

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y18	10+09.86	38.00	816249.3658	2033342.3460
Y18	10+22.22	-30.00	816316.8603	2033357.2193
Y18	10+35.00	-25.00	816311.3899	2033369.8078
Y18	10+35.00	25.00	816261.4238	2033367.9516
Y18	10+95.32	25.00	816259.1848	2033428.2307
Y18	10+95.32	-25.00	816309.1512	2033430.0863
Y18	11+58.98	-25.00	816304.4132	2033495.3277
Y18	11+59.00	25.00	816254.7015	2033489.9663
Y18	12+00.00	-25.00	816300.2331	2033535.8771
Y18	13+11.00	-30.03	816296.0223	2033646.1442
Y18	13+15.00	25.00	816240.8520	2033646.3192
Y18	13+30.94	-46.41	816311.0392	2033666.9534
Y18	13+33.58	45.55	816219.0984	2033663.6547
Y18	14+32.48	48.96	816210.5160	2033763.4111
Y18	14+55.00	30.00	816228.6248	2033786.8321
Y18	14+57.00	-36.90	816295.4184	2033791.0765
Y18	16+57.44	-30.00	816286.8741	2033989.7535
Y18	16+59.42	30.00	816226.9164	2033992.7528
Y18	16+59.42	-30.00	816286.9075	2033991.7174
Y18	16+70.00	30.00	816227.0687	2034003.1759
Y18	16+90.00	50.00	816207.2060	2034022.9146
Y18	17+20.11	-27.11	816284.1420	2034053.2820
Y18	17+20.19	-30.00	816287.0348	2034053.3954
Y18	17+30.00	48.00	816208.8923	2034061.9488
Y18	17+50.00	30.00	816226.4356	2034081.9681
Y18	17+83.00	30.00	816225.2561	2034114.4610
Y18	17+83.00	24.46	816230.7929	2034114.7060

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y20	10+30.00	-23.00	816586.7299	2033604.0950
Y20	10+30.00	-54.00	816617.7290	2033604.3320
Y20	11+01.43	23.02	816540.1647	2033675.1742

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y21	10+48.19	34.67	816525.3134	2033774.7057
Y21	10+52.26	-40.22	816600.2652	2033777.3949
Y21	10+60.00	23.00	816537.2012	2033786.2968
Y21	10+70.00	-22.31	816582.6910	2033795.4649

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y22	12+76.50	25.00	816894.4250	2033600.6699
Y22	12+76.53	23.00	816896.4245	2033600.7238
Y22	13+38.00	-23.00	816941.6614	2033662.7584
Y22	13+49.67	30.00	816888.5212	2033673.7760
Y22	14+70.00	-30.00	816947.0296	2033794.8348
Y22	14+85.00	40.00	816876.8496	2033808.9687
Y22	15+10.00	30.00	816886.5399	2033834.0903
Y22	16+46.92	30.00	816884.8478	2033971.0037
Y22	16+47.27	23.05	816891.7970	2033971.4386
Y22	16+90.00	-30.00	816944.3109	2034014.8182
Y22	16+90.00	-23.00	816937.3114	2034014.7316

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:

1. 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.
 2. 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