PROJECT REFERENCE NO.	SHEET NO.
W-5316	1C-3
Location and Surveys	

SURVEY CONTROL SHEET W-5316
FINAL

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	666648.3942	1578019.9340
POT	24+00.00	668013.1867	1577707.9370

Y1

TYPE	STATION	NORTH	EAST
POT	10+00.00	667330.7906	1577863.9355
PC	10+56.58	667343.4001	1577919.0944
PT	11+74.46	667351.1277	1578036.2180
POT	14+13.96	667328.8916	1578274.6885

Y2

TYPE	STATION	NORTH	EAST
POT	10+00.00	667021.6197	1577524.2943
PC	12+87.17	667233.0903	1577718.5842
PT	14+46.61	667324.0914	1577848.0007
POT	14+63.89	667330.7906	1577863.9355

Y3

TYPE	STATION	NORTH	EAST
POT	10+00.00	667383.8408	1577851.8080
POT	13+30.89	667654.0003	1578042.8712

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	10+10.00	-29.26	666651.6233	1577989.1860
L	10+10.00	-40.00	666649.2285	1577978.7114
L	10+13.14	40.00	666670.1219	1578055.9989
L	10+13.18	22.75	666666.3138	1578039.1744
L	15+90.00	-40.00	667214.6424	1577849.4555
L	16+01.00	40.00	667243.1942	1577924.9923
L	16+40.00	50.00	667283.4420	1577926.0494
L	16+56.00	68.00	667303.0510	1577940.0311
L	17+27.00	-85.22	667338.1199	1577774.8430
L	17+98.00	-40.00	667417.4116	1577803.1017
L	18+07.62	40.00	667444.6152	1577878.9466
L	23+79.51	40.00	668002.1306	1577751.4963
L	23+80.66	23.11	667999.4855	1577734.7780
L	23+90.00	-40.00	667994.5240	1577671.1715
L	23+90.00	-28.89	667996.9996	1577682.0021

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	11+00.00	36.00	667314.7887	1577965.7598
Y1	11+45.00	-32.15	667384.8475	1578007.2490
Y1	11+90.00	29.83	667319.9834	1578048.9261

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y2	13+35.00	27.00	667245.4576	1577770.4886

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y3	11+40.00	15.04	667489.4621	1577944.9220

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	10+10.00	-50.00	666647.0000	1577968.9629
L	10+13.11	55.00	666673.4334	1578070.6288
L	16+03.00	-59.13	667223.0516	1577827.9063
L	16+46.00	56.06	667290.6416	1577930.6199
L	17+65.00	-61.02	667380.5577	1577789.9674
L	18+24.34	57.58	667464.8354	1577892.3577
L	20+74.09	54.17	667707.5446	1577833.3754
L	23+78.84	50.00	668003.6969	1577761.3963
L	23+90.00	-50.00	667992.2954	1577661.4230

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	11+60.00	34.07	667318.1720	1578019.9635
Y1	11+93.00	45.00	667304.6004	1578050.5048
Y1	13+15.00	30.16	667308.0482	1578173.3555
Y1	13+15.00	40.00	667298.2520	1578172.4420

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y2	10+00.00	-37.00	667046.6524	1577497.0480
Y2	10+00.00	-29.65	667041.6776	1577502.4627
Y2	12+23.00	40.00	667158.7716	1577704.6228
Y2	12+23.00	29.91	667165.6005	1577697.1901
Y2	12+34.00	40.00	667166.8719	1577712.0649
Y2	12+34.00	29.92	667173.6941	1577704.6395
Y2	12+79.00	-45.00	667257.5170	1577679.9172
Y2	12+79.00	-53.00	667262.9294	1577674.0261
Y2	12+85.00	-53.00	667267.3478	1577678.0855
Y2	12+85.00	-45.00	667261.9353	1577683.9766

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "W5316-1"
WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF
NORTHING: 667290.873(ft) EASTING: 1577852.982(ft)
ELEVATION: 806.74(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99985478
THE N.C. LAMBERT GRID BEARING AND
LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"W5316-1" TO -L- STATION 10+00.00 IS
S14°33'59.38"E 663.81'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

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:
   W5316_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.

NOTE: DRAWING NOT TO SCALE