PROJECT REFERENCE NO.	SHEET NO.
R-2519B	1C-5
Location and Surveys	

SURVEY CONTROL SHEET R-2519B
(DESIGN ALIGNMENTS)
(FINAL)

Y21

TYPE	STATION	NORTH	EAST
POT	10+00.00	798129.6858	1067743.4869
PC	10+63.49	798073.9615	1067713.0616
PT	11+19.72	798029.0200	1067679.5770
PC	11+92.55	797977.2863	1067628.3055
PCC	12+63.98	797925.0875	1067579.5649
PT	13+65.79	797834.5797	1067535.7119
POT	14+20.38	797780.8777	1067525.8849

Y22

TYPE	STATION	NORTH	EAST
PC	10+00.00	798243.4223	1068368.4861
PT	11+69.84	798101.8644	1068440.5721
POT	13+07.58	797965.8404	1068418.8977

Y23

TYPE	STATION	NORTH	EAST
POT	10+00.00	797965.8404	1068418.8977
PC	10+49.99	797917.2557	1068407.1117
PRC	12+28.02	797744.1768	1068427.6430
PT	14+39.68	797542.9578	1068489.7139
POT	15+02.53	797480.5907	1068497.5059

Y23A

TYPE	STATION	NORTH	EAST
POT	10+00.00	797892.1461	1068742.5736
PC	10+66.32	797832.3522	1068713.8894
PRC	12+13.29	797720.3388	1068621.0171
PRC	15+09.66	797463.3654	1068499.0168
PT	15+98.28	797376.1051	1068486.9106

Y24

TYPE	STATION	NORTH	EAST
POT	10+00.00	798367.6461	1072643.5308
PC	10+26.52	798347.2596	1072626.5659
PRC	11+02.38	798295.6726	1072571.2273
PT	11+95.79	798230.2685	1072505.0589
PC	13+26.88	798124.7756	1072427.2475
PT	13+75.45	798078.6158	1072420.2798
POT	14+29.85	798027.2576	1072438.2095

Y25

TYPE	STATION	NORTH	EAST
POT	10+00.00	797979.5435	1072257.3577
PC	11+04.71	797875.2761	1072247.7404
PCC	11+67.56	797812.5681	1072248.8992
PCC	12+59.15	797735.3441	1072293.5854
PT	15+25.87	797605.6857	1072525.6597
POT	15+56.38	797594.6980	1072554.1225

Y26

TYPE	STATION	NORTH	EAST
POT	10+00.00	798640.7776	1073338.0324
PC	10+45.40	798595.9619	1073345.3113
PT	11+36.63	798516.7292	1073310.9562
PC	12+38.12	798460.1333	1073226.7068
PT	13+43.20	798371.4669	1073178.0776
POT	13+62.30	798352.3697	1073177.6184

Y27

TYPE	STATION	NORTH	EAST
POT	10+00.00	798401.5319	1073430.4286
PC	13+06.33	798096.1944	1073455.0868
PT	13+99.84	798005.6558	1073476.9007
POT	15+23.57	797891.3240	1073524.2015

Y28

TYPE	STATION	NORTH	EAST
POT	10+00.00	798721.9340	1073973.2955
POT	13+62.52	798384.0320	1073841.9755

Y29

TYPE	STATION	NORTH	EAST
POT	10+00.00	798724.0340	1074617.4015
PC	11+06.36	798625.9577	1074658.5624
PT	12+74.72	798462.2849	1074693.6302
POT	14+45.80	798291.2645	1074697.8677

Y30

TYPE	STATION	NORTH	EAST
POT	10+00.00	798291.2645	1074697.8677
PC	10+64.96	798226.3233	1074699.4767
PCC	14+10.11	797991.9390	1074912.4064
PT	15+02.52	797985.4774	1075004.5507
PC	17+35.19	797980.9650	1075237.1754
PT	17+76.87	797984.9605	1075278.5761
PC	18+49.83	798000.2995	1075349.9053
PCC	20+17.60	798057.0287	1075507.2520
PT	21+23.50	798141.5601	1075563.3906
POT	22+01.88	798219.6770	1075569.8039

Y31

TYPE	STATION	NORTH	EAST
POT	10+00.00	798696.2920	1075401.6960
PC	11+16.59	798584.0368	1075433.1965
PRC	12+97.58	798422.3124	1075512.2317
PT	15+12.82	798219.6770	1075569.8039

Y32

TYPE	STATION	NORTH	EAST
POT	10+00.00	798336.4604	1076156.2563
PC	10+56.94	798332.3066	1076099.4716
PCC	11+47.47	798314.2513	1076011.0122
PT	12+19.93	798273.4735	1075952.2374
POT	13+27.06	798190.6626	1075884.2586

Y33

TYPE	STATION	NORTH	EAST
POT	10+00.00	798062.8647	1077587.9843
PC	10+38.00	798024.8650	1077587.8266
PT	11+59.61	797931.3610	1077522.1670
PC	13+94.18	797850.8106	1077301.8611
PT	14+72.94	797793.0723	1077253.6990

Y34

TYPE	STATION	NORTH	EAST
POT	10+00.00	798355.2823	1077806.4610
PC	11+47.45	798270.7762	1077927.2891
PT	12+51.48	798187.4190	1077986.0086
POT	13+46.53	798095.7410	1078011.0764

Y35

TYPE	STATION	NORTH	EAST
PC	10+00.00	798461.4165	1077940.6165
PCC	11+14.90	798347.6676	1077956.8115
PT	12+02.88	798264.2022	1077935.9964

Y36

TYPE	STATION	NORTH	EAST
POT	10+00.00	798358.1159	1079120.9635
PC	10+61.41	798296.8944	1079116.1001
PT	12+94.79	798070.9075	1079061.7898

Y37

TYPE	STATION	NORTH	EAST
POT	10+00.00	801470.3490	1083979.5685
PC	10+83.30	801410.5533	1084037.5657
PT	11+28.07	801377.4841	1084067.7314
POT	12+53.69	801282.1247	1084149.5124

Y38

TYPE	STATION	NORTH	EAST
POT	10+00.00	801887.4180	1084449.2165
PC	10+97.78	801789.6391	1084449.6890
PT	12+65.39	801632.4578	1084499.9650
PC	15+41.07	801407.1812	1084658.8673
PT	16+74.94	801309.9604	1084750.2600

DR1

TYPE	STATION	NORTH	EAST
PC	10+00.00	801465.6473	1048448.2254
PRC	11+20.11	801347.6152	1048426.7671
PT	11+80.18	801289.3065	1048433.1928

DR2

TYPE	STATION	NORTH	EAST
POT	10+00.00	801186.4265	1049892.6663
PC	10+55.03	801131.7064	1049898.5097
PT	11+81.35	801039.2279	1049830.1344
PC	13+25.11	801011.9241	1049688.9950
PT	13+74.53	800978.3929	1049657.0063

DR3

TYPE	STATION	NORTH	EAST
POT	10+00.00	801530.7493	1051617.9468
PC	10+70.75	801461.7221	1051633.4674
PT	11+41.74	801415.7143	1051682.0603
PC	12+64.09	801395.4339	1051802.7167
PT	14+84.07	801227.1883	1051891.9559
POT	15+22.94	801191.8353	1051875.7889

DR4

TYPE	STATION	NORTH	EAST
POT	10+00.00	800308.6492	1054891.9705
PC	10+69.19	800324.3551	1054824.5906
PT	10+88.35	800321.4800	1054806.1114
POT	11+08.00	800311.4180	1054789.2374

DR5

TYPE	STATION	NORTH	EAST
POT	10+00.00	798452.1120	1063007.6969
PC	10+13.37	798456.1511	1063020.4421
PRC	10+57.65	798450.3482	1063062.8909
PT	11+45.31	798414.5823	1063142.5359
POT	12+01.10	798399.9407	1063196.3741

DR7

TYPE	STATION	NORTH	EAST
POT	10+00.00	798341.3708	1064237.2536
PC	10+32.31	798309.1854	1064240.1228
PT	10+52.70	798295.6298	1064253.2307
PC	11+22.80	798287.0648	1064322.8015
PT	11+77.27	798248.5517	1064353.3207
POT	12+68.27	798158.0895	1064343.5057

DR8A

TYPE	STATION	NORTH	EAST
POT	10+00.00	798007.5119	1067658.2611
PC	10+41.56	798041.4523	1067634.2682
PT	10+69.90	798057.1471	1067611.3906
POT	10+94.66	798063.2049	1067587.3801

DR8B

TYPE	STATION	NORTH	EAST
POT	10+00.00	798260.7225	1067885.4148
PC	10+66.43	798225.5548	1067829.0539
PT	11+43.93	798164.2907	1067784.8097
POT	11+87.30	798122.1418	1067774.5850

DR8C

TYPE	STATION	NORTH	EAST
PC	10+00.00	798185.3015	1068427.0743
PRC	10+53.21	798133.6225	1068434.6843
PT	11+63.22	798044.5664	1068483.4747
PC	12+08.55	798027.6678	1068525.5354
PT	12+79.72	797969.6491	1068555.5254
POT	13+15.55	797934.7960	1068547.1951

DR8D

TYPE	STATION	NORTH	EAST
POT	10+00.00	798172.5385	1064210.3333
PC	10+67.42	798105.1222	1064210.9886
PT	11+00.66	798081.0321	1064230.2512
PC	13+64.18	798020.5680	1064486.7379
PT	13+85.91	798004.3262	1064498.2060
POT	13+94.89	797995.4049	1064497.2235

DR9

TYPE	STATION	NORTH	EAST
POT	10+00.00	798227.0929	1069365.8859
PC	10+50.00	798179.5647	1069381.4123
PCC	10+98.87	798138.5710	1069407.1197
PT	13+39.45	798054.9007	1069625.8409
PC	14+79.21	798059.8735	1069765.5162
PT	15+82.20	798014.4474	1069852.9110
POT	16+36.93	797968.5600	1069882.7469

DR10

TYPE	STATION	NORTH	EAST
PC	10+00.00	798290.6338	1071368.6714
PT	10+50.27	798246.8081	1071376.8949
PC	12+19.13	798158.9040	1071521.0753
PT	12+57.49	798125.7120	1071534.4858
POT	13+31.36	798054.2370	1071515.8281

DR11

TYPE	STATION	NORTH	EAST
POT	10+00.00	798032.5058	1073467.2603
PC	10+12.34	798036.1855	1073479.0422
PRC	10+65.07	798073.3193	1073513.0016
PT	14+74.32	798292.4796	1073815.7844
POT	15+69.93	798282.5294	1073910.8795

DR12

TYPE	STATION	NORTH	EAST
POT	10+00.00	798309.3113	1074478.0573
PC	10+34.63	798276.7082	1074466.3878
PCC	10+76.22	798247.4144	1074438.5686
PRC	12+10.10	798211.7686	1074309.8807
PCC	13+70.47	798183.0459	1074152.1369
PT	14+40.18	798156.7158	1074087.9723

DR12B

TYPE	STATION	NORTH	EAST
POT	10+00.00	798483.9183	1074654.0144
PC	10+28.64	798455.7326	1074659.0700
PT	10+55.72	798436.3380	1074676.0509
POT	10+75.01	798430.4543	1074694.4189

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT
IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY
NCDOT FOR MONUMENT "R2519A-1"
WITH NAD 83 STATE PLANE GRID COORDINATES OF
NORTHING: 803347.2483(ft) EASTING: 1007340.1900(ft)
ELEVATION: 2561.45(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT
(GROUND TO GRID) IS: 0.99982200
THE N.C. LAMBERT GRID BEARING AND
LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"R2519A-1" TO -L- STATION 10+00.00 IS
S 87°53'26" E 38202.00
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NGVD 29

NOTE: DRAWING NOT TO SCALE

17-SEP-2014 09:31
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