PROJECT REFERENCE NO.	SHEET NO.
R-2519B	1C-4
Location and Surveys	

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

L

TYPE	STATION	NORTH	EAST
TS	10·00.00	801941.0588	1045516.3056
SC	12·95.28	801943.6423	1045811.2747
PCC	15·54.09	801886.6361	1046062.9713
CS	18·89.75	801731.9291	1046359.8482
ST	21·89.75	801542.9840	1046592.6530
TS	25·16.16	801327.9077	1046838.1889
SC	28·16.16	801143.6043	1047074.4093
CS	34·72.22	801031.2799	1047705.4620
ST	37·72.22	801122.7539	1047990.7694
TS	40·57.69	801225.2023	1048257.2218
SC	43·57.69	801319.9545	1048541.6042
CS	47·67.95	801337.9864	1048949.0843
SRS	50·67.95	801268.7243	1049240.7247
SC	53·67.95	801197.1542	1049531.8879
CS	58·59.20	801206.3599	1050020.2723
ST	61·59.20	801288.8516	1050308.5316
TS	63·75.56	801356.1522	1050514.1537
SC	66·25.56	801430.3677	1050752.8607
CS	79·36.56	801479.1518	1052051.0047
ST	81·86.56	801423.0616	1052294.6086
PC	89·63.22	801237.5512	1053048.7880
PT	100·38.53	800861.5483	1054053.6042
TS	135·27.71	799265.9638	1057156.5849
SC	138·27.71	799135.5196	1057426.6577
CS	148·73.07	798992.7228	1058450.2438
SRS	151·73.07	799044.2713	1058745.7058
SC	153·73.07	799081.8368	1058942.1399
CS	172·36.41	798945.8838	1060781.8542
ST	174·36.41	798879.8515	1060970.6326
PC	181·15.99	798649.8551	1061610.1098
PT	192·47.52	798372.8592	1062705.3631
PC	199·52.87	798267.3384	1063402.7680
PT	202·92.11	798223.6595	1063739.1655
PC	210·55.69	798141.2956	1064498.2907
CS	213·70.41	798101.2502	1064810.4241
SC	216·20.41	798068.1373	1065058.2009
CS	223·98.26	798090.5324	1065833.4319
ST	226·48.26	798137.8938	1066078.8839
TS	230·79.66	798225.6639	1066501.2657
SC	233·79.66	798276.1479	1066796.8322
CS	236·99.68	798270.8623	1067116.1120
ST	239·99.68	798210.6226	1067409.8455
TS	251·02.01	797950.7511	1068481.0995
SC	254·02.01	797886.4486	1068774.0680
CS	264·37.29	797942.7060	1069798.9405
ST	267·37.29	798038.6889	1070083.1107
TS	268·37.49	798072.8256	1070177.3114
SC	271·37.49	798164.3123	1070462.8433
CS	276·39.49	798187.3381	1070961.3418
ST	279·39.49	798122.5624	1071254.0915
TS	282·90.42	798033.9236	1071593.6437
SC	285·90.42	797970.3485	1071886.6168
CS	291·42.30	798024.7431	1072430.9331
ST	294·42.30	798145.0367	1072705.5319
TS	295·88.42	798209.1917	1072836.8141
SC	298·88.42	798330.6180	1073110.9563
CS	303·69.97	798407.2667	1073583.7069
ST	306·69.97	798378.6790	1073882.1713
PC	309·40.46	798342.7877	1074150.2727
PT	311·96.28	798315.3436	1074404.5836
PC	324·98.51	798208.7868	1075702.4466
PRC	326·50.66	798194.0320	1075853.8719
PRC	331·41.07	798153.9062	1076342.5619
PT	332·93.14	798143.7691	1076494.2939
TS	340·62.81	798080.7904	1077261.3749
SC	343·12.81	798064.3309	1077510.8068
CS	349·01.21	798110.8502	1078096.1060
ST	351·51.21	798166.5037	1078339.8064

L

TYPE	STATION	NORTH	EAST
TS	364·85.13	798484.2855	1079635.3263
SC	367·85.13	798566.6073	1079923.6341
CS	371·78.83	798755.1283	1080267.6284
SRS	374·78.83	798953.8518	1080492.1441
SC	377·78.83	799150.3534	1080718.4780
CS	382·28.31	799327.6065	1081127.8754
SRS	385·28.31	799358.1939	1081426.0437
SC	388·28.31	799387.6849	1081724.3628
CS	395·70.46	799742.5630	1082361.5333
ST	398·70.46	799980.6638	1082543.6652
TS	402·83.98	800319.7183	1082780.3946
SC	405·83.98	800557.1136	1082963.3793
CS	408·36.40	800719.4791	1083155.8728
ST	411·36.40	800859.8228	1083420.7191
TS	412·38.78	800903.4408	1083513.3397
SC	414·88.78	801013.9329	1083737.5623
CS	416·48.13	801094.0946	1083875.2524
ST	418·98.13	801234.5326	1084082.0409
POT	433·28.13	802058.7859	1085250.5897

Y

TYPE	STATION	NORTH	EAST
POT	10·00.00	801948.1056	1045676.0565
PC	10·40.95	801907.1690	1045677.1041
PT	11·36.22	801833.2202	1045728.4027
PC	13·13.22	801767.0082	1045892.5519
PT	15·44.35	801591.2819	1046024.8874
POT	16·46.18	801489.9973	1046035.4123

Y1

TYPE	STATION	NORTH	EAST
POT	10·00.00	801758.1747	1046823.9249
POT	17·30.17	801039.4113	1046695.3463

Y2

TYPE	STATION	NORTH	EAST
POT	10·00.00	801375.8804	1047088.9182
PC	10·25.36	801364.0738	1047066.4736
PT	11·11.07	801290.4641	1047049.2780
PC	11·67.28	801244.9604	1047082.2856
PT	12·27.01	801188.7491	1047083.9899
POT	12·70.38	801152.1621	1047060.6963

Y3

TYPE	STATION	NORTH	EAST
PC	10·00.00	801377.7183	1047789.9709
PT	10·74.37	801344.5557	1047856.2740
PC	11·66.41	801315.0740	1047943.4646
PT	12·31.69	801277.0110	1047995.2330
POT	13·79.09	801157.8092	1048081.9377

Y4

TYPE	STATION	NORTH	EAST
PC	9·00.00	801764.5394	1048863.8025
PCC	10·00.00	801679.7921	1048810.7352
PRC	11·61.35	801574.7429	1048690.8374
PT	13·94.63	801381.2220	1048591.9996
POT	14·44.49	801332.1388	1048600.7197

Y5

TYPE	STATION	NORTH	EAST
POT	10·00.00	801332.1388	1048600.7197
PC	11·39.42	801194.8717	1048625.1063
PCC	15·82.92	800814.3241	1048453.5618
PT	16·48.58	800783.1504	1048395.8058
POT	17·08.07	800757.7105	1048342.0355

Y6

TYPE	STATION	NORTH	EAST
POT	10·00.00	801221.0858	1049416.4216
PC	10·45.64	801176.7198	1049405.7014
PT	10·97.43	801137.3319	1049374.5805
PC	11·86.06	801097.1554	1049295.5882
PT	13·51.67	801065.5526	1049135.1525
PC	14·43.57	801073.0373	1049043.5544
PT	14·93.12	801053.9157	1049000.0266

Y6REV

TYPE	STATION	NORTH	EAST
POT	10·00.00	801221.0858	1049416.4216
PC	10·38.64	801183.5282	1049407.3466
PT	11·95.02	801109.6517	1049287.3332
PC	12·98.64	801133.2883	1049186.4444
PCC	14·06.45	801119.6931	1049081.8226
PT	14·40.82	801102.2777	1049052.2041

Y7

TYPE	STATION	NORTH	EAST
POT	10·00.00	801532.1792	1051433.9854
PC	10·38.33	801493.8613	1051434.9468
PT	11·26.21	801421.1746	1051393.5811
PC	13·25.18	801323.8787	1051220.0225
PT	15·01.73	801282.6861	1051050.5842

Y8

TYPE	STATION	NORTH	EAST
POT	10·00.00	801464.2033	1052121.7583
PC	13·23.74	801169.8460	1051986.9943
PT	13·54.43	801142.0671	1051973.9523
POT	14·06.76	801094.9137	1051951.2588

Y9REV

TYPE	STATION	NORTH	EAST
POT	10·00.00	801413.1539	1053362.6997
PC	11·87.10	801400.6629	1053176.0151
PT	13·78.13	801367.8525	1052988.1875

Y10

TYPE	STATION	NORTH	EAST
POT	10·00.00	800950.7179	1053870.3186
PC	12·37.87	800734.5624	1053771.0183
PT	13·10.03	800667.0518	1053745.7241
POT	14·05.81	800575.1686	1053718.6723

Y11

TYPE	STATION	NORTH	EAST
POT	10·00.00	800831.3859	1054731.1414
PC	11·09.76	800766.2310	1054819.4692
PT	12·05.88	800720.4414	1054903.6394
POT	12·73.50	800696.5619	1054966.9043

Y12

TYPE	STATION	NORTH	EAST
POT	10·00.00	800746.3207	1055012.5447
PC	10·33.05	800723.3262	1054988.8054
PRC	11·50.04	800618.7936	1054943.2024
PT	13·13.03	800457.1734	1054924.1607
PC	14·59.61	800313.9083	1054893.1525
PT	15·36.11	800241.5818	1054868.7297
POT	16·89.82	800102.3957	1054803.5176

Y13

TYPE	STATION	NORTH	EAST
POT	10·00.00	799766.4188	1056698.8506
PC	12·24.16	799718.5084	1056917.8307
PCC	13·53.42	799681.1214	1057041.4300
PCC	15·10.71	799569.7995	1057144.9964
PT	15·91.69	799491.6779	1057166.2487
PC	16·53.77	799431.2512	1057180.4802
PT	17·87.01	799299.1070	1057181.7001
POT	18·29.42	799257.6573	1057172.7423

Y14

TYPE	STATION	NORTH	EAST
POT	10·00.00	799185.5880	1057316.3701
PC	11·47.93	799049.3355	1057258.7713
PT	12·81.21	798950.2856	1057172.8938
POT	13·98.98	798889.5155	1057072.0115

Y15

TYPE	STATION	NORTH	EAST
POT	10·00.00	799439.0435	1057831.6445
PC	11·86.92	799304.5644	1057701.8198
PRC	13·03.41	799202.5151	1057649.1353
PT	13·95.76	799112.9225	1057626.9174
POT	14·43.34	799067.4845	1057612.8216

Y16

TYPE	STATION	NORTH	EAST
POT	10·00.00	799130.2561	1059355.3749
PC	10·44.78	799086.3661	1059346.4811
PT	13·52.10	798847.5256	1059169.0407
PC	14·65.51	798793.8724	1059069.1296
PT	16·62.79	798727.9473	1058883.9778
PC	18·13.12	798699.3631	1058736.3938
PCC	20·47.70	798667.6250	1058504.0919
PT	22·14.09	798678.0273	1058338.5893
PC	27·41.90	798785.8828	1057821.9165
PT	28·75.50	798822.9420	1057693.6951

Y17

TYPE	STATION	NORTH	EAST
POT	10·00.00	799353.7447	1059789.8005
PC	11·67.00	799380.9473	1059625.0325
PCC	13·91.95	799303.0379	1059425.3405
PT	15·42.52	799167.4989	1059362.9218
POT	15·80.52	799130.2561	1059355.3749

Y18

TYPE	STATION	NORTH	EAST
PC	10·00.00	798674.2643	1062664.2441
PT	12·23.45	798581.6463	1062866.9600
PC	13·13.32	798534.4625	1062943.4541
PT	14·88.55	798384.3648	1063013.0191
POT	15·45.95	798327.6082	1063004.4350

Y19

TYPE	STATION	NORTH	EAST
POT	10·00.00	798412.1445	1064516.8800
PC	10·81.10	798334.1550	1064539.1238
PT	12·26.29	798192.0422	1064568.1424
POT	12·86.27	798132.5274	1064575.6214

Y20

TYPE	STATION	NORTH	EAST
POT	7·89.50	798589.0748	1065053.7399
PC	8·57.09	798536.8348	1065010.8535
PCC	10·11.22	798393.2975	1064966.1278
PT	11·34.30	798272.0589	1064986.4933
POT	13·42.47	798070.3310	1065037.9140

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

6/2/99

17-SEP-2014 09:31
R:\Roadway\Proj\R2519B_ls_lf.dgn
$$$$USERNAME$$$$