

# SURVEY CONTROL SHEET

**-Final-**

PROJECT REFERENCE NO. <i>R-2248G</i>	SHEET NO. <i>1C-2</i>
Location and Surveys	

L

TYPE	STATION	NORTH	EAST
POT	912+73.07	580161.2368	1426146.1224
TS	922+11.54	580347.2468	1427065.9674
SC	926+05.24	580429.6814	1427450.9194
CS	963+14.35	582356.0107	1430545.2498
ST	967+08.05	582665.0483	1430789.1335
POT	968+44.90	582773.4354	1430872.6773

RPA

TYPE	STATION	NORTH	EAST
POT	10+00.00	582803.1071	1430822.2283
TS	12+82.02	582592.2952	1430634.8984
SC	14+78.87	582447.3631	1430501.7219
PT	19+23.57	582167.8663	1430157.0494
PC	20+63.57	582092.5064	1430039.0627
PT	21+83.08	582024.8800	1429940.5519
PC	22+95.08	581958.4625	1429850.3704
PT	24+00.16	581930.5474	1429751.3988

**DATUM DESCRIPTION**

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "M-031"

WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF  
 NORTHING: 580270.693(±) EASTING: 1430195.383(±)  
 ELEVATION: 663.19(±)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999844

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "M-031" TO -Y3- STATION 9+67.23 IS  
 N 21°50'00.9" W 2632.005

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

Y3

TYPE	STATION	NORTH	EAST
POT	9+67.23	582713.8989	1429216.5092
PC	13+24.12	582417.5299	1429415.3454
PT	19+24.10	581876.9633	1429670.4523
POT	30+00.00	580846.2798	1429979.0767

RPB

TYPE	STATION	NORTH	EAST
TS	10+00.00	580784.8854	1428345.0272
SC	11+96.85	580865.5220	1428524.5690
CS	17+88.33	581217.9734	1428995.5755
SRS	19+85.18	581367.4759	1429123.5854
SC	21+82.03	581517.7219	1429250.7458
PT	24+69.14	581718.9956	1429455.2318
PC	25+89.14	581797.6757	1429545.8378
PT	26+89.58	581872.3184	1429612.6599

Y4A

TYPE	STATION	NORTH	EAST
POT	10+00.00	582594.3365	1428681.1854
PC	13+78.76	582667.1096	1429052.8892
PT	15+49.15	582713.8989	1429216.5092

PERMANENT EASEMENT

ALIGN	STATION	OFFSET	NORTH	EAST
Y3	11+63.57	-69.57	582589.6078	1429383.6689
Y3	11+66.00	-81.27	582594.1106	1429394.7420
Y3	11+75.69	-68.95	582579.1974	1429389.9062
Y3	11+77.75	-78.83	582582.9938	1429399.2622

Y4B

TYPE	STATION	NORTH	EAST
POT	16+06.35	582624.5931	1429276.4251
PC	17+88.11	582759.8872	1429397.7976
PT	19+18.61	582850.6061	1429491.4623
PC	20+46.61	582932.9934	1429589.4231
PT	22+11.24	583046.8736	1429708.1445
POT	22+99.30	583111.8536	1429767.5820

RPC

TYPE	STATION	NORTH	EAST
POT	10+00.00	580677.1260	1428388.4063
PC	20+62.31	581046.2191	1429384.5400
PT	22+35.49	581120.1115	1429540.9171
PC	23+75.49	581190.6462	1429661.8503
PT	24+87.06	581206.4760	1429769.5746

PERMANENT EASEMENT

ALIGN	STATION	OFFSET	NORTH	EAST
Y4A	11+70.00	-29.83	582656.2762	1428842.2861
Y4A	11+70.00	-38.00	582664.2914	1428840.7169
Y4A	12+20.00	-38.00	582673.8982	1428889.7853
Y4A	12+20.00	-30.12	582666.1619	1428891.2999
Y4A	13+41.48	-46.47	582705.5509	1429007.3746
Y4A	13+44.36	-30.89	582690.8171	1429013.1939

RAB1

TYPE	STATION	NORTH	EAST
PC	10+00.00	582729.6551	1429220.8505
PT	14+14.69	582729.6552	1429220.8506

RPD

TYPE	STATION	NORTH	EAST
TS	10+00.00	582657.7178	1430856.8025
SC	11+96.85	582499.7945	1430739.3244
CS	13+66.33	582356.3573	1430649.1485
ST	15+63.18	582182.0369	1430557.7522
TS	20+29.67	581765.2522	1430348.2344
SC	22+26.52	581592.4435	1430254.1400
PT	24+90.62	581390.4024	1430085.2430
POT	27+23.25	581233.1220	1429913.8413

PERMANENT EASEMENT

ALIGN	STATION	OFFSET	NORTH	EAST
Y4B	16+77.29	-159.12	582783.6532	1429205.3523
Y4B	16+78.05	-161.96	582786.1154	1429203.7458
Y4B	16+84.35	-155.56	582786.5311	1429212.7167
Y4B	16+84.86	-160.12	582789.9558	1429209.6629
Y4B	17+96.58	-82.51	582821.8219	1429342.5697
Y4B	17+99.22	-65.31	582812.3045	1429357.1751
Y4B	18+02.52	-95.97	582835.7246	1429337.0684
Y4B	18+05.01	-77.99	582825.4904	1429352.1002
Y4B	18+40.00	-52.68	582834.8371	1429396.3178
Y4B	18+75.00	-115.00	582906.2084	1429380.6916
Y4B	18+88.63	62.84	582784.1780	1429510.8081
Y4B	18+90.95	43.97	582799.6941	1429499.8507
Y4B	19+00.00	-39.43	582868.1466	1429451.3623
Y4B	19+00.00	-97.00	582911.4567	1429413.4322
Y4B	19+01.43	64.16	582791.0947	1429520.6126
Y4B	19+03.62	44.01	582807.6414	1429508.9359

RAB2

TYPE	STATION	NORTH	EAST
PC	10+00.00	581946.7639	1429730.5227
PT	15+02.65	581946.7638	1429730.5229

RAB3

TYPE	STATION	NORTH	EAST
PC	10+00.00	581327.8321	1429812.9609
PT	15+02.65	581327.8322	1429812.9611

DR1

TYPE	STATION	NORTH	EAST
POT	9+76.45	582822.4417	1429459.4906
PC	10+23.86	582857.2885	1429427.3463
PT	10+55.35	582863.0217	1429398.4614
POT	12+34.33	582787.7821	1429236.0552

DR2

TYPE	STATION	NORTH	EAST
POT	10+00.00	582492.1200	1429365.3024
PC	10+57.26	582524.0240	1429412.8559
PT	10+89.91	582552.7928	1429422.6101
POT	11+53.17	582612.7196	1429402.3461

**SEE SHEET 1C-1 FOR NOTES.**