PROJECT REFERENCE NO.	SHEET NO.
35609.1.1	1C-3
Location and Surveys	

SURVEY CONTROL SHEET R-2519B

BL

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
108	BL-108	801864.7930	1044097.4930	2479.34	OUTSIDE PROJECT LIMITS	
110	BL-110	801903.3920	1045640.6410	2506.34	11-23.86	43.05 RT
112	BL-112	801821.1190	1046267.7960	2529.76	17-65.59	26.71 LT
113	BL-113	801489.2050	1046681.4310	2521.93	23-44.63	42.00 RT
115	BL-115	801182.4650	1047850.7310	2502.21	28-23.87	43.31 RT
118	R2519A-118	800965.5890	1047560.8680	2478.59	33-25.88	49.14 RT
119	R2519A-119	801319.7130	1048584.4510	2454.62	43-99.71	9.24 RT
122	BL-122	801230.9110	1049447.7640	2487.06	52-76.60	24.52 LT
133	BL-133	801187.8250	1049979.5660	2517.15	58-15.93	10.63 RT
134	BL-134	801411.3790	1050957.2230	2546.61	64-33.58	39.14 LT
135	BL-135	801531.3830	1051015.8800	2547.49	69-82.48	40.61 LT
136	BL-136	801527.5830	1051545.1210	2521.02	74-27.22	5.18 RT
137	BL-137	801507.3350	1052139.1460	2484.04	80-16.41	45.08 LT
138	BL-138	801335.5340	1052847.4450	2489.79	87-44.38	47.85 LT
139	BL-139	801178.5530	1053409.0500	2521.02	93-24.15	43.04 LT
140	BL-140	800952.7050	1053968.6990	2521.75	99-22.43	43.72 LT
141	BL-141	800720.6910	1054413.2600	2503.84	104-19.13	46.32 LT
142	BL-142	800391.5760	1054964.9120	2480.71	110-63.89	1.22 RT
143	BL-143	800134.5420	1055562.7220	2471.55	117-13.87	43.57 LT
144	BL-144	799832.8440	1056154.8250	2471.87	123-77.60	46.84 LT
145	BL-145	799530.4270	1056730.6210	2480.53	130-31.41	51.17 LT
146	BL-146	799196.5280	1057287.7390	2521.43	136-76.86	2.68 RT
147	BL-147	799054.1570	1057519.9470	2534.65	139-42.96	42.01 RT
148	BL-148	798925.3100	1058062.1670	2548.75	144-88.26	57.36 RT
149	BL-149	798991.7680	1058715.5440	2560.04	151-33.24	45.57 RT
123	R2519B-123	799104.1850	1059251.3850	2571.03	156-83.34	10.12 RT
150	BL-150	799175.7030	1059941.3060	2594.29	163-78.97	54.19 LT
151	BL-151	799053.4790	1060616.8220	2615.33	170-48.61	55.13 LT
152	BL-152	798822.4830	1061277.1200	2637.18	177-44.36	49.29 LT
153	BL-153	798589.6430	1061950.2210	2667.11	184-59.40	48.37 LT
154	BL-154	798434.4810	1062624.2870	2697.94	191-57.48	40.83 LT
155	BL-155	798299.3730	1063186.0550	2722.64	197-33.80	0.75 RT
156	BL-156	798263.1000	1063786.5980	2731.58	203-35.81	44.33 LT
157	BL-157	798094.4490	1064558.8910	2718.78	211-21.32	39.77 RT
158	BL-158	798021.6520	1065055.8270	2709.17	216-22.06	46.56 RT
159	BL-159	798045.8150	1065824.2530	2672.86	223-82.22	42.69 RT
160	BL-160	798191.0060	1066559.3730	2629.28	231-29.64	45.71 RT
161	BL-161	798230.0000	1067048.5210	2681.93	236-35.89	39.94 RT
162	BL-162	798003.4630	1067736.1870	2564.05	243-46.88	46.64 RT
125	R2519B-125	797924.6740	1068381.1260	2563.06	250-11.00	48.91 RT
163	BL-163	797800.6250	1068999.1100	2597.67	256-32.96	57.98 RT
164	BL-164	797844.3460	1069622.9040	2629.42	262-45.14	53.80 RT
165	BL-165	797976.3690	1070258.4360	2655.14	266-92.93	50.21 RT
166	BL-166	798154.3790	1070826.1030	2685.47	272-96.97	30.15 RT
167	BL-167	798168.0690	1071073.1110	2711.64	277-52.90	1.03 LT
168	BL-168	797958.1450	1071743.4670	2744.97	284-54.87	45.31 RT
169	BL-169	797903.4390	1072177.6480	2748.70	288-75.31	63.97 RT
170	BL-170	798212.8210	1072854.2680	2718.71	296-85.78	4.40 RT
171	BL-171	798416.2130	1073477.7870	2697.62	302-64.65	11.00 LT
172	BL-172	798368.8770	1073956.8460	2689.12	306-46.42	21.11 RT
173	BL-173	798292.8320	1074659.7510	2655.82	314-52.43	1.56 RT
174	BL-174	798280.1220	1075547.0430	2623.96	323-37.79	50.38 LT
175	BL-175	798154.5760	1076345.7100	2641.30	331-48.16	1.14 LT
176	BL-176	798120.2760	1077232.4680	2665.96	340-38.76	36.99 LT
127	R2519B-127	798089.7420	1077995.2680	2688.03	347-98.29	3.47 RT
177	BL-177	798224.7770	1078668.4130	2715.73	354-84.23	21.69 RT
178	BL-178	798314.7870	1079085.1000	2734.61	359-10.45	33.56 RT
179	BL-179	798442.5210	1079666.5000	2760.87	365-05.43	47.99 RT
180	BL-180	798688.5370	1080281.1830	2798.04	371-50.66	61.55 RT
181	BL-181	799210.1620	1080728.2790	2838.53	378-24.18	50.48 LT
182	BL-182	799404.6260	1081312.7470	2873.38	384-18.75	53.38 LT
183	BL-183	799331.9000	1081840.7220	2899.61	389-25.68	80.69 RT
184	BL-184	799674.8560	1082317.2730	2906.17	394-91.63	15.78 RT
185	BL-185	800231.5940	1082652.8400	2892.82	401-30.24	54.79 LT
186	BL-186	800771.8040	1083143.2040	2875.89	408-53.75	50.83 LT
188	BL-188	800912.3200	1083538.9060	2856.57	412-65.69	2.87 RT
189	BL-189	801288.9120	1084095.8210	2811.61	419-40.74	36.49 LT
129	R2519B-129	801481.5580	1084536.1530	2777.39	424-11.68	59.09 RT
234	BL-234	801982.4680	1085084.5890	2727.32	OUTSIDE PROJECT LIMITS	

BY36

POINT	DESC.	NORTH	EAST	ELEVATION	Y STATION	OFFSET
BY110	BL-110	801903.3920	1045640.6410	2506.34	10-42.92	36.50 RT
111	BY36-111	801450.0620	1046023.9420	2475.89	OUTSIDE PROJECT LIMITS	

BY37

POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
116	BY37-116	801700.0510	1046800.3600	2505.06	10-53.49	14.37 RT
114	BY37-114	801303.0610	1046761.1740	2484.92	14-54.05	10.37 LT
117	BY37-117	800985.5060	1046676.0310	2469.12	OUTSIDE PROJECT LIMITS	

BY38

POINT	DESC.	NORTH	EAST	ELEVATION	Y4 STATION	OFFSET
A120	BY38-A120	801896.0570	1048932.0200	2441.08	OUTSIDE PROJECT LIMITS	
BY119	R2519A-119	801319.7130	1048584.4510	2454.62	OUTSIDE PROJECT LIMITS	

BY39

POINT	DESC.	NORTH	EAST	ELEVATION	Y5 STATION	OFFSET
Y119	R2519A-119	801319.7130	1048584.4510	2454.62	10-09.39	18.19 RT
121	BY39-121	800985.6590	1048537.3020	2462.99	14-56.80	13.85 RT

BY

POINT	DESC.	NORTH	EAST	ELEVATION	Y7 STATION	OFFSET
BY136	BL-136	801527.5830	1051545.1210	2521.02	10-07.38	110.99 LT
190	BY-190	801275.1660	1051118.6300	2551.16	14-35.49	12.21 LT

BY1

POINT	DESC.	NORTH	EAST	ELEVATION	Y8 STATION	OFFSET
BY137	BL-136	801507.3350	1052139.1460	2484.04	OUTSIDE PROJECT LIMITS	
191	BY1-191	801012.2670	1051097.1640	2503.32	OUTSIDE PROJECT LIMITS	

BY2

POINT	DESC.	NORTH	EAST	ELEVATION	Y9 STATION	OFFSET
192	BY2-192	801425.2900	1053340.5310	2457.99	10-21.31	13.59 RT
BY130	BL-130	801335.5340	1052847.4450	2489.79	OUTSIDE PROJECT LIMITS	

BY3

POINT	DESC.	NORTH	EAST	ELEVATION	Y12 STATION	OFFSET
193	BY3-193	800693.5130	1054922.6180	2470.49	10-88.96	37.51 RT
BY142	BL-142	800391.5760	1054964.9120	2480.71	13-68.52	53.71 LT

BY4

POINT	DESC.	NORTH	EAST	ELEVATION	Y12 STATION	OFFSET
Y142	BL-142	800391.5760	1054964.9120	2480.71	13-68.52	53.71 LT
197	BY4-197	800186.8990	1054851.8720	2491.39	15-93.84	7.55 LT

BY5

POINT	DESC.	NORTH	EAST	ELEVATION	Y13 STATION	OFFSET
198	BY5-198	800331.4870	1055900.7050	2471.20	OUTSIDE PROJECT LIMITS	
199	BY5-199	800007.4100	1056157.1820	2485.48	OUTSIDE PROJECT LIMITS	
200	BY5-200	799787.3060	1056532.6120	2493.85	OUTSIDE PROJECT LIMITS	
201	BY5-201	799665.3190	1057182.6340	2507.88	14-11.38	18.02 LT
BY146	BL-146	799196.5280	1057287.7390	2521.43	OUTSIDE PROJECT LIMITS	

BY6

POINT	DESC.	NORTH	EAST	ELEVATION	Y14 STATION	OFFSET
Y146	BL-146	799196.5280	1057287.7390	2521.43	10-01.07	30.63 RT
202	BY6-202	798982.6860	1057862.8190	2547.98	OUTSIDE PROJECT LIMITS	

BY7

POINT	DESC.	NORTH	EAST	ELEVATION	Y16 STATION	OFFSET
BY147	BL-147	799054.1570	1057519.9470	2534.65	OUTSIDE PROJECT LIMITS	
203	BY7-203	798816.8610	1057660.2630	2534.86	OUTSIDE PROJECT LIMITS	
204	BY7-204	798788.8130	1058124.4750	2547.56	24-29.98	13.62 LT
205	BY7-205	798684.6360	1058385.9810	2553.11	21-67.94	14.35 RT
206	BY7-206	798695.9790	1058643.3440	2553.88	19-05.68	12.35 RT
207	BY7-207	798740.4650	1058873.5930	2568.43	16-70.68	14.26 RT
208	BY7-208	798817.5370	1059167.4930	2576.59	13-67.65	25.69 LT
BY123	R2519B-123	799104.1270	1059251.2090	2571.03	10-46.05	96.02 RT

BY8

POINT	DESC.	NORTH	EAST	ELEVATION	Y15 STATION	OFFSET
209	BY8-209	799438.0830	1057815.6940	2552.45	10-11.25	11.31 RT
Y147	BL-147	799054.1570	1057519.9470	2534.65	OUTSIDE PROJECT LIMITS	

BY9

POINT	DESC.	NORTH	EAST	ELEVATION	Y16 STATION	OFFSET
BY205	BY7-205	798684.6360	1058385.9810	2553.11	21-67.94	14.35 RT
210	BY9-210	798291.6640	1058488.8060	2582.78	20-75.31	374.68 LT

BY10

POINT	DESC.	NORTH	EAST	ELEVATION	Y16 STATION	OFFSET
BY207	BY7-207	798740.4650	1058873.5930	2568.43	16-70.68	14.26 RT
211	BY10-211	798535.3980	1058976.7700	2572.69	16-21.44	208.40 LT

BY11

POINT	DESC.	NORTH	EAST	ELEVATION	Y17 STATION	OFFSET
Y123	R2519B-123	799104.1270	1059251.2090	2571.03	OUTSIDE PROJECT LIMITS	
124	R2519B-124	799364.8990	1059588.2280	2584.91	12-04.21	10.84 LT
212	BY11-212	799334.8780	1059976.8610	2608.01	OUTSIDE PROJECT LIMITS	
213	BY11-213	799270.0170	1060362.0450	2608.16	OUTSIDE PROJECT LIMITS	
214	BY11-214	799180.2520	1060751.3090	2617.10	OUTSIDE PROJECT LIMITS	
215	BY11-215	799116.9800	1061280.7810	2634.99	OUTSIDE PROJECT LIMITS	
216	BY11-216	798860.9550	1061439.4668	2646.70	OUTSIDE PROJECT LIMITS	
217	BY11-217	798812.7830	1061786.1270	2668.44	OUTSIDE PROJECT LIMITS	
218	BY11-218	798754.6630	1062196.8330	2676.31	OUTSIDE PROJECT LIMITS	
219	BY11-219	798677.7960	1062691.8970	2701.27	OUTSIDE PROJECT LIMITS	
220	BY11-220	798481.9850	1063001.4620	2715.70	OUTSIDE PROJECT LIMITS	
BY155	BL-155	798299.3730	1063186.0550	2722.64	15-42.52	3920.46 LT

BY12

POINT	DESC.	NORTH	EAST	ELEVATION	Y19 STATION	OFFSET
221	BY12-221	798360.4970	1064542.9800	2702.72	10-56.81	10.86 LT
BY157	BL-157	798094.4490	1064558.8910	2718.78	OUTSIDE PROJECT LIMITS	

BY13

POINT	DESC.	NORTH	EAST	ELEVATION	Y20 STATION	OFFSET
222	BY13-222	799020.7110	1065383.7890	2653.45	OUTSIDE PROJECT LIMITS	
223	BY13-223	798749.9200	1065180.9380	2675.36	OUTSIDE PROJECT LIMITS	
224	BY13-224	798460.3290	1064958.2710	2696.77	OUTSIDE PROJECT LIMITS	
BY158	BL-158	798021.6520	1065055.8270	2709.17	OUTSIDE PROJECT LIMITS	

BY14

POINT	DESC.	NORTH	EAST	ELEVATION	Y21 STATION	OFFSET
BY162	BL-162	798003.4630	1067736.1870	2564.05	10-44.87	15.74 LT
225	BY14-225	797855.2510	1067528.0590	2550.23	13-47.95	12.15 RT

BY15

POINT	DESC.	NORTH	EAST	ELEVATION	Y23 STATION	OFFSET
BY125	R2519B-125	797924.5880	1068381.0880	2563.06	10-49.00	27.02 RT
126	R2519B-126	797428.5820	1068526.0130	2540.39	OUTSIDE PROJECT LIMITS	

BY16

POINT	DESC.	NORTH	EAST	ELEVATION	Y25 STATION	OFFSET
BY169	BL-169	797903.4390	1072177.6480	2748.70	10-03.10	72.38 RT
226	BY16-226	797724.0160	1072327.0270	2755.31	12-93.01	10.64 LT

BY17

POINT	DESC.	NORTH	EAST	ELEVATION	Y27 STATION	OFFSET
BY171	BL-171	798416.2130	1073477.7870	2697.62	OUTSIDE PROJECT LIMITS	
227	BY17-227	798275.0560	1073401.0160	2696.66	11-30.14	48.24 LT
228	BY17-228	797994.5210	1073466.5550	2714.44	14-86.17	13.82 RT

BY18

POINT	DESC.	NORTH	EAST	ELEVATION	Y28 STATION	OFFSET
229	BY18-229	798658.5800	1073808.5800	2693.72	10-89.73	56.01 RT
BY172	BL-172	798360.8770	1073856.8460	2689.12	OUTSIDE PROJECT LIMITS	

BY19

POINT	DESC.	NORTH	EAST	ELEVATION	Y29 STATION	OFFSET
230	BY19-230	798536.7240	1074697.8870	2665.26	12-02.04	12.09 LT
BY173	BL-173	798292.8320	1074659.7510	2655.82	14-43.28	38.07 RT

BY20

POINT	DESC.	NORTH	EAST	ELEVATION	Y30 STATION	OFFSET
Y173	BL-173	798292.8320	1074659.7510	2655.82	22-00.33	912.99 LT
231	BY20-231	798017.5250	1074803.9290	2639.56	13-81.35	12.96 RT
232	BY20-231	797958.1200	1075243.7970	2626.39	17-41.46	22.84 RT
233	BY20-233	798175.5930	1075746.1870	2625.76	21-72.38	179.40 RT
BY236	BY22-236	798247.8340	1075962.3730	2629.84	OUTSIDE PROJECT LIMITS	

BY21

POINT	DESC.	NORTH	EAST	ELEVATION	Y31 STATION	OFFSET
235	BY21-235	798648.2350	1075481.7050	2617.02	10-53.97	15.14 RT
BY174	BL-174	798200.1220	1075547.8430	2623.96	14-49.48	21.44 RT

BY22

POINT	DESC.	NORTH	EAST	ELEVATION	Y32 STATION	OFFSET
236	BY22-236	798247.8340	1075962.3730	2629.84	12-33.31	24.10 LT
237	BY22-237	798369.2540	1076396.3380	2639.19	OUTSIDE PROJECT LIMITS	
238	BY22-238	798499.2380	1076713.2210	2649.15	OUTSIDE PROJECT LIMITS	
239	BY22-239	798511.5800	1077116.9360	2658.23	OUTSIDE PROJECT LIMITS	
240	BY22-240	798459.1080	1077472.1230	2664.12	OUTSIDE PROJECT LIMITS	
241	BY22-241	798345.9310	1077838.8840	2672.52	OUTSIDE PROJECT LIMITS	
BY127	R2519B-127	798089.6170	1077995.2010	2688.03	OUTSIDE PROJECT LIMITS	

BY23

POINT	DESC.	NORTH	EAST	ELEVATION	Y34 STATION	OFFSET
242	BY23-242	798468.6220	1077928.2900	2678.37	10-34.88	162.70 LT
Y127	R2519B-127	798089.6170	1077995.2010	2688.03	OUTSIDE PROJECT LIMITS	

BY24

POINT	DESC.	NORTH	EAST	ELEVATION	Y36 STATION	OFFSET
BY178	BL-178	798314.7870	1079085.1000	2734.61	10-46.83	32.23 RT
243	BY24-243	797956.9510	1079016.8760	2720.22	OUTSIDE PROJECT LIMITS	

BY25

POINT	DESC.	NORTH	EAST	ELEVATION	Y37 STATION	OFFSET
244	BY25-244	801476.5170	1083992.7960	2826.10	10-04.78	13.79 LT
BY189	BL-189	801288.9120	1084095.8210	2811.61	12-13.59	36.34 RT

BY26

POINT	DESC.	NORTH	EAST	ELEVATION	Y38 STATION	OFFSET
BY129	R2519B-129	801481.4710	1084536.1060	2777.39	14-09.60	57.50 RT
245	BY26-245	801309.4300	1084716.3820	2767.79	16-50.00	22.29 RT

BY27

POINT	DESC.	NORTH	EAST	ELEVATION	Y38 STATION	OFFSET
246	BY27-246	801865.9530	1084434.2790	2785.53	10-21.39	15.04 RT
Y129	R2519B-129	801481.4710	1084536.1060	2777.39	14-09.60	57.50 RT

BM1 ELEVATION - 2496.24
N 801945 E 1045482
L STATION 10-00
N 80° 01' 30.4" W DIST 114.37
RR SPIKE IN BASE OF 14" LOCUST

BM2 ELEVATION - 2512.81
N 801219 E 1046833
L STATION 25-83 86 RIGHT
RR SPIKE IN BASE OF 20" WHITE PINE

BM3 ELEVATION - 2449.61
N 801130 E 1048337
L STATION 41-81 110 RIGHT
RR SPIKE IN BASE OF 36" SYCAMORE

BM4 ELEVATION - 2498.09
N 801132 E 1049553
L STATION 53-98 61 RIGHT
RR SPIKE IN BASE OF 12" POPLAR

BM5 ELEVATION - 2538.54
N 801597 E 1051283
L STATION 71-78 72 LEFT
RR SPIKE IN BASE OF 26" WHITE PINE

BM6 ELEVATION - 2478.78
N 801387 E 1052581
L STATION 84-92 44 RIGHT
RR SPIKE IN BASE OF POWER POLE

BM7 ELEVATION - 2525.34
N 800993 E 1053974
L STATION 99-18 83 LEFT
RR SPIKE IN 24" MAPLE

BM8 ELEVATION - 2482.60
N 800511 E 1054918
Y12 STATION 12-62 24 RIGHT
RR SPIKE IN 12" SPRUCE

BM9 ELEVATION - 2472.37
N 799735 E 1056190
L STATION 124-53 25 RIGHT
RR SPIKE IN 14" SYCAMORE

BM10 ELEVATION - 2517.17
N 799197 E 1057212
L STATION 136-08 36 RIGHT
RR SPIKE IN 30" FORKED POPLAR

BM11 ELEVATION - 2561.72
N 799070 E 1058616
L STATION 150-50 50 LEFT
CONC NAIL AT LOADING DOCK CORNER

BM12 ELEVATION - 2575.05
N 799254 E 1059317
Y17 STATION 14-00 69 RIGHT
RR SPIKE IN 22" WHITE PINE

BM13 ELEVATION - 2628.34
N 799826 E 1060738
L STATION 171-71 63 LEFT
RR SPIKE IN 12" POPLAR

BM14 ELEVATION - 2671.08
N 798592 E 1062108
L STATION 186-13 93 LEFT
RR SPIKE IN 26" WHITE PINE

BM15 ELEVATION - 2731.12
N 798079 E 1064197
L STATION 207-63 95 RIGHT
RR SPIKE IN 26" WHITE PINE

BM16 ELEVATION - 2685.17
N 797989 E 1065666
L STATION 222-21 79 RIGHT
RR SPIKE IN 12" POPLAR

BM17 ELEVATION - 2610.04
N 798332 E 1066920
L STATION 235-03 49 LEFT
RR SPIKE IN 16" POPLAR

BM18 ELEVATION - 2563.47
N 798841 E 1068375
L STATION 249-78 63 LEFT
MAG NAIL IN CONC PAD FOR FLAG POLE

BM19 ELEVATION - 2655.89
N 797946 E 1070872
L STATION 266-95 83 RIGHT
MAGRR SPIKE IN 12" WHITE OAK

BM20 ELEVATION - 2730.10
N 798884 E 1071520
L STATION 282-07 30 LEFT
MAGRR SPIKE IN 8" WALNUT

BM21 ELEVATION - 2731.72
N 798170 E 1072682
L STATION 294-32 32 LEFT
MAGRR SPIKE IN 14" WHITE PINE

BM22 ELEVATION - 2687.82
N 798517 E 1073847
Y20 STATION 12-37 43 RIGHT
MAGRR SPIKE IN 20" POPLAR

BM23 ELEVATION - 2620.74
N 798174 E 1075228
L STATION 320-20 74 RIGHT
MAGRR SPIKE IN LIGHT POLE

BM24 ELEVATION - 2633.95
N 798340 E 1075976
Y32 STATION 11-67 37 RIGHT
MAGRR SPIKE IN 18" POPLAR

BM25 ELEVATION - 2680.18
N 798039 E 1077564
L STATION 343-66 24 RIGHT
MAGRR SPIKE IN 18" BIRCH

BM26 ELEVATION - 2729.48
N 798424 E 1078998
L STATION 358-44 95 LEFT
MAGRR SPIKE IN 22" POPLAR

BM27 ELEVATION - 2806.11
N 798766 E 1080447
L STATION 373-21 108 RIGHT
MAGRR SPIKE IN 24" BLACK OAK

BM28 ELEVATION - 2876.08
N 799408 E 1081421
L STATION 385-38 122 LEFT
MAGRR SPIKE IN LIGHT POLE

BM29 ELEVATION - 2893.24
N 800137 E 1082733
L STATION 401-07 66 RIGHT
MAGRR SPIKE IN POWER POLE

BM30 ELEVATION - 2826.69
N 801053 E 1083963
L STATION 416-99 82 RIGHT
MAGRR SPIKE IN 24" POPLAR

BM31 ELEVATION - 2747.14
N 801829 E 1084827
L STATION 428-49 56 LEFT
MAGRR SPIKE IN 12" OAK

BM32 ELEVATION - 2437.52
N 802192 E 1084275
Y4 STATION 10-00
N 42° 13' 20.8" E DIST 691.06
MAGRR SPIKE IN 16" POPLAR

BM33 ELEVATION - 2543.20
N 798883 E 1057955
Y16 STATION 26-15 44 RIGHT
MAGRR SPIKE IN 12" POPLAR

BM34 ELEVATION - 2557.22
N 798650 E 1058754
Y16 STATION 18-05 52 LEFT
MAGRR SPIKE IN POWER POLE

BM35 ELEVATION - 2657.49
N 798915 E 1061621
L STATION 180-36 254 LEFT
MAGRR SPIKE IN POWER POLE

BM36 ELEVATION - 2689.67
N 798561 E 1064994
Y28 STATION 10-00
N 10° 27' 03.0" E DIST 150.81
MAGRR SPIKE IN 20" WHITE OAK

BM37 ELEVATION - 2676.20
N 798330 E 1077888
Y34 STATION 10-75 21 LEFT
MAGRR SPIKE IN 8" POPLAR

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

NOTES:

1. *THE SITE CALIBRATION SHOWN IS BASED UPON A NETWORK TIED TO THE HARN (HIGH ACCURACY REFERENCE NETWORK) NAD 83 ADJUSTMENT. THIS CALIBRATION WILL ALLOW THE END USER TO WORKWITHIN 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:*
HTTP://WWW.NCDOT.ORG/DOH/PRECONSTRUCT/HIGHWAY/LOCATION/PROJECT/

   THE FILES TO BE FOUND ARE AS FOLLOWS:
   R2519B_LS_GPSCALIB_080710.HTML
   R2519B_LS_WGS84_080710.TXT
   R2519B_LS_LOCAL_080710.TXT
   R2519B_LS_CONTROL_080710.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.

18-AUG-2014 12:12
R:\Roadway\Proj\R2519B_ls_ie_lll102.dgn
$$$$USERNAME$$$$