

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

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| PROJECT REFERENCE NO. | SHEET NO. |
| U-5536 | RW02C-5 |
| Location and Surveys | |
| PROJECT SURVEYOR | |
| | |
| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | |

| EL1 | | | | |
|-------|------------|-------------|-----------------|--------|
| POINT | N | E | BEARING | DIST |
| POT | 857133.596 | 1579685.733 | | |
| LINE | | | N 63°42'21.5" E | 451.14 |
| POT | 857333.443 | 1580090.197 | | |

| EL2 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|--------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 858526.615 | 1582026.938 | | | | | | | |
| LINE | | | N 69°55'59.0" E | 187.45 | | | | | |
| PC | 858590.933 | 1582293.011 | | | | | | | |
| CURVE | | | S 81°08'48.9" E | 483.59 | 57°50'24.2"(RT) | 11°27'33.0" | 504.75 | 276.24 | 500.00 |
| PCC | 858516.508 | 1582680.837 | | | | | | | |
| CURVE | | | S 26°59'54.5" E | 51.15 | 58°27'24.6"(RT) | 95°29'34.7" | 52.84 | 28.27 | 60.00 |
| PT | 858470.935 | 1582784.057 | | | | | | | |
| LINE | | | S 01°46'12.2" E | 39.00 | | | | | |
| POT | 858431.954 | 1582705.261 | | | | | | | |

| EY1 | | | | | | | | | |
|-------|------------|-------------|-----------------|---------|-----------------|-------------|--------|--------|----------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 858513.162 | 1579215.554 | | | | | | | |
| LINE | | | N 61°36'21.3" E | 292.00 | | | | | |
| PC | 856652.019 | 1579472.428 | | | | | | | |
| CURVE | | | N 61°58'02.1" E | 378.40 | 00°43'21.7"(RT) | 00°11'27.5" | 378.40 | 189.20 | 30000.00 |
| PT | 856829.857 | 1579806.433 | | | | | | | |
| LINE | | | N 62°19'43.0" E | 1251.21 | | | | | |
| PC | 857410.920 | 1580914.538 | | | | | | | |
| CURVE | | | N 62°27'01.8" E | 42.55 | 00°14'37.8"(RT) | 00°34'22.6" | 42.55 | 21.28 | 10000.00 |
| PT | 857430.602 | 1580992.267 | | | | | | | |
| LINE | | | N 62°34'20.7" E | 469.48 | | | | | |
| PC | 857646.857 | 1581368.975 | | | | | | | |
| CURVE | | | N 55°13'44.6" E | 319.54 | 14°41'12.2"(LT) | 04°35'01.2" | 320.41 | 161.09 | 1250.00 |
| PT | 857829.089 | 1581631.456 | | | | | | | |
| LINE | | | N 47°53'08.6" E | 526.79 | | | | | |
| PC | 858182.358 | 1582022.231 | | | | | | | |
| CURVE | | | N 57°19'35.5" E | 190.27 | 18°52'53.9"(RT) | 09°52'42.9" | 191.14 | 96.44 | 580.00 |
| PT | 858285.077 | 1582182.395 | | | | | | | |
| LINE | | | N 66°46'02.6" E | 147.87 | | | | | |
| PC | 858343.406 | 1582318.272 | | | | | | | |
| CURVE | | | N 74°15'48.1" E | 300.05 | 14°59'31.2"(RT) | 04°58'56.1" | 300.91 | 151.32 | 1150.00 |
| PT | 858424.784 | 1582607.077 | | | | | | | |
| CURVE | | | S 86°57'30.3" E | 271.77 | 22°33'52.3"(RT) | 08°14'57.6" | 273.53 | 138.56 | 694.55 |
| PT | 858410.364 | 1582878.460 | | | | | | | |
| LINE | | | S 75°40'34.0" E | 242.50 | | | | | |
| PC | 858350.369 | 1583113.422 | | | | | | | |
| CURVE | | | N 09°13'42.1" E | 390.64 | 30°11'27.8"(LT) | 07°38'22.0" | 395.20 | 202.30 | 750.00 |
| PT | 858355.630 | 1583504.030 | | | | | | | |
| LINE | | | N 74°07'58.2" E | 238.01 | | | | | |
| POT | 858420.705 | 1583732.975 | | | | | | | |

| EY2 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|---------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 856127.479 | 1578215.460 | | | | | | | |
| LINE | | | N 29°19'44.8" W | 390.32 | | | | | |
| PC | 856468.098 | 1578024.867 | | | | | | | |
| CURVE | | | N 24°32'30.7" W | 506.64 | 09°22'28.2"(RT) | 01°50'53.7" | 507.21 | 254.17 | 3100.00 |
| PT | 856928.971 | 1577814.428 | | | | | | | |
| LINE | | | N 19°51'16.6" W | 334.03 | | | | | |
| POT | 857243.144 | 1577700.981 | | | | | | | |

| EY3 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|-------|-------|--------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 857313.193 | 1579653.470 | | | | | | | |
| LINE | | | S 07°00'23.9" W | 57.82 | | | | | |
| PC | 857255.805 | 1579646.417 | | | | | | | |
| CURVE | | | S 10°01'52.6" E | 70.32 | 34°04'33.0"(LT) | 47°44'47.3" | 71.37 | 36.77 | 120.00 |
| PT | 857186.559 | 1579650.666 | | | | | | | |
| LINE | | | S 27°04'09.1" E | 384.55 | | | | | |
| POT | 856844.135 | 1579833.661 | | | | | | | |

| EY4 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|--------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| PC | 857795.406 | 1579897.738 | | | | | | | |
| CURVE | | | S 17°46'44.6" E | 219.43 | 16°49'23.8"(LT) | 07°38'22.0" | 220.22 | 110.91 | 750.00 |
| LINE | 857586.459 | 1579964.740 | | | | | | | |
| PC | 857357.179 | 1580077.513 | | | | | | | |
| CURVE | | | S 26°11'26.5" E | 255.51 | | | | | |
| PT | 857297.983 | 1580113.295 | | | | | | | |
| CURVE | | | S 31°09'03.1" E | 69.17 | 09°55'13.1"(LT) | 14°19'26.2" | 69.26 | 34.72 | 400.00 |
| LINE | | | S 36°05'39.6" E | 275.06 | | | | | |
| POT | 857075.772 | 1580275.399 | | | | | | | |

| EY5 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|-------|-------|---------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 857341.422 | 1579460.444 | | | | | | | |
| LINE | | | S 81°35'28.7" E | 170.55 | | | | | |
| PC | 857316.482 | 1579629.160 | | | | | | | |
| CURVE | | | S 83°19'51.1" E | 60.71 | 03°28'44.7"(LT) | 05°43'46.5" | 60.72 | 30.37 | 1000.00 |
| PT | 857309.432 | 1579689.462 | | | | | | | |
| LINE | | | S 85°04'13.4" E | 87.30 | | | | | |
| POT | 857381.930 | 1579776.435 | | | | | | | |

| EY6 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|-------|---------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 857279.175 | 1580663.296 | | | | | | | |
| LINE | | | S 30°26'16.2" E | 127.15 | | | | | |
| PC | 857169.549 | 1580727.710 | | | | | | | |
| CURVE | | | S 33°40'56.4" E | 169.79 | 06°29'20.3"(LT) | 03°49'11.0" | 169.88 | 85.03 | 1500.00 |
| PT | 857028.263 | 1580821.873 | | | | | | | |
| LINE | | | S 36°55'36.5" E | 215.59 | | | | | |
| POT | 856855.917 | 1580991.400 | | | | | | | |

| EY7 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|---------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 858259.326 | 1580753.975 | | | | | | | |
| LINE | | | S 20°12'17.5" E | 166.90 | | | | | |
| PC | 858102.698 | 1580811.618 | | | | | | | |
| CURVE | | | S 23°45'54.8" E | 248.40 | 07°07'14.7"(LT) | 02°51'53.2" | 248.56 | 124.44 | 2000.00 |
| PT | 857875.360 | 1580911.721 | | | | | | | |
| LINE | | | S 27°19'32.2" E | 413.44 | | | | | |
| POT | 857508.054 | 1581101.510 | | | | | | | |

| EY8 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|--------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 859531.389 | 1582103.695 | | | | | | | |
| LINE | | | S 38°58'49.2" W | 108.80 | | | | | |
| PC | 859446.812 | 1582035.255 | | | | | | | |
| CURVE | | | S 11°55'16.4" W | 545.89 | 54°07'05.5"(LT) | 09°32'57.5" | 566.72 | 305.50 | 600.00 |
| PT | 858912.694 | 1581922.492 | | | | | | | |
| LINE | | | S 15°08'16.4" E | 693.00 | | | | | |
| POT | 858243.746 | 1582103.463 | | | | | | | |

| EY9 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|-------|---------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 857946.754 | 1581761.613 | | | | | | | |
| LINE | | | S 42°38'50.7" E | 80.34 | | | | | |
| PC | 857687.535 | 1581815.904 | | | | | | | |
| CURVE | | | S 42°06'04.7" E | 43.22 | 00°49'31.9"(RT) | 01°54'35.5" | 43.22 | 21.61 | 3000.00 |
| PT | 857855.465 | 1581844.883 | | | | | | | |
| LINE | | | S 41°41'18.8" E | 65.32 | | | | | |
| PC | 857806.682 | 1581888.329 | | | | | | | |
| CURVE | | | S 26°20'26.1" E | 142.93 | 30°41'45.4"(RT) | 21°13'14.4" | 144.65 | 74.11 | 270.00 |
| PT | 857678.595 | 1581951.747 | | | | | | | |
| LINE | | | S 10°59'33.4" E | 108.25 | | | | | |
| POT | 857572.395 | 1581972.387 | | | | | | | |

| EY10 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|-------|--------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 858096.081 | 1582535.801 | | | | | | | |
| LINE | | | N 38°14'44.1" W | 32.95 | | | | | |
| PC | 858121.957 | 1582515.405 | | | | | | | |
| CURVE | | | N 18°51'02.0" W | 152.76 | 38°47'24.3"(RT) | 24°54'40.4" | 155.71 | 80.97 | 230.00 |
| PT | 858266.520 | 1582466.049 | | | | | | | |
| LINE | | | N 00°32'40.2" E | 57.91 | | | | | |
| PC | 858324.431 | 1582466.608 | | | | | | | |
| CURVE | | | N 08°01'40.5" W | 29.81 | 17°08'41.4"(LT) | 57°17'44.8" | 29.92 | 15.07 | 100.00 |
| PT | 858353.451 | 1582462.436 | | | | | | | |
| LINE | | | N 16°36'01.2" W | 38.75 | | | | | |
| POT | 858391.083 | 1582451.367 | | | | | | | |

| EY11 | | | | | | | | | |
|-------|------------|----------|---------|------|-------|---|---|---|---|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 858355.940 | 1583091. | | | | | | | |