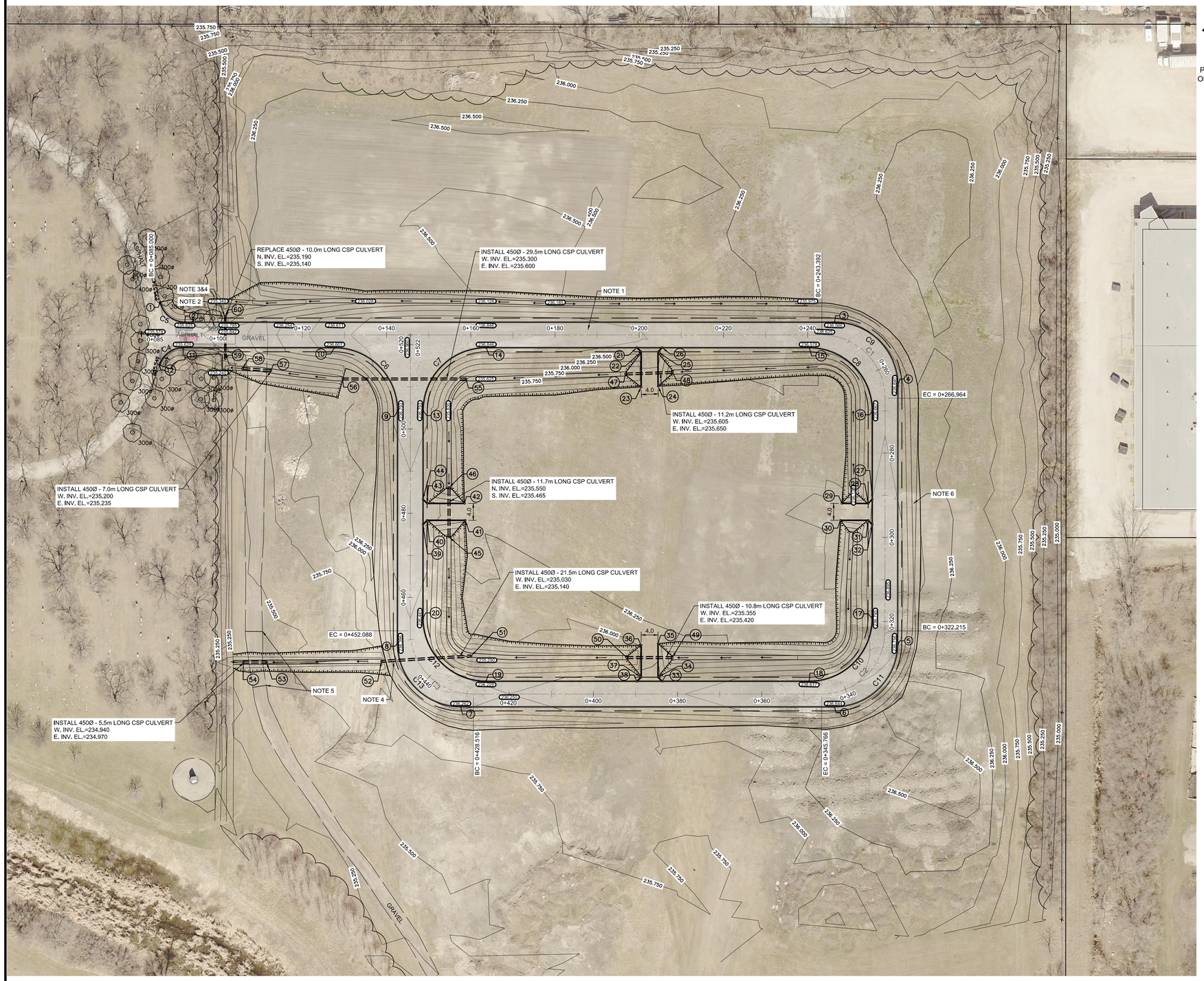
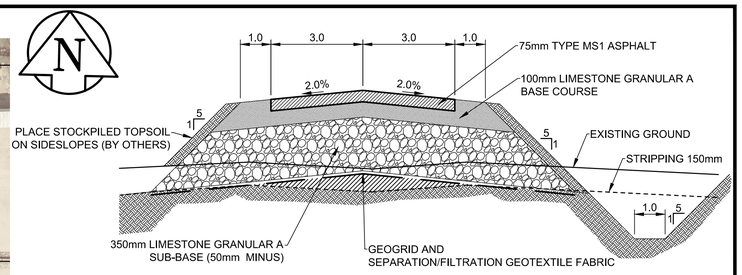



## PLAN
Scale 1:500




## TYPICAL SECTION
NTS

| Curve Table: BL-1 Alignment | | | | | |
|---|---|---|---|---|---|
| Curve # | Radius | Length | Chord Direction | Start Point | End Point |
| C1 | 15.00 | 23.57 | S46° 22' 48.10"E | (628039.92,5531613.56) | (628055.28,5531598.92) |
| C2 | 15.00 | 23.55 | S43° 37' 11.90"W | (628056.60,5531543.69) | (628041.97,5531528.33) |
| C3 | 15.00 | 23.57 | N46° 22' 48.10"W | (627959.24,5531526.31) | (627943.88,5531540.95) |

| LAYOUT UTM COORDINATES | | | |
|---|---|---|---|
| POINT I.D. | DESCRIPTION | NORTHING | EASTING |
| 1 | BC | 5531617.511 | 627882.602 |
| 2 | EC | 5531612.862 | 627888.595 |
| 3 | BC | 5531616.632 | 628042.850 |
| 4 | EC | 5531601.993 | 628058.213 |
| 5 | BC | 5531540.760 | 628059.667 |
| 6 | EC | 5531525.408 | 628045.037 |
| 7 | BC | 5531523.240 | 627956.314 |
| 8 | EC | 5531537.880 | 627940.952 |
| 9 | BC | 5531593.093 | 627939.641 |
| 10 | EC | 5531607.733 | 627924.278 |
| 11 | BC | 5531606.855 | 627888.354 |
| 12 | EC | 5531602.582 | 627882.754 |
| 13 | BC | 5531593.261 | 627945.638 |
| 14 | EC | 5531608.612 | 627960.268 |
| 15 | BC | 5531610.487 | 628036.995 |
| 16 | EC | 5531595.848 | 628052.357 |
| 17 | BC | 5531546.612 | 628053.526 |
| 18 | EC | 5531531.260 | 628038.897 |
| 19 | BC | 5531529.385 | 627962.170 |
| 20 | EC | 5531544.024 | 627946.807 |
| 21 | PT | 5531609.487 | 627996.072 |
| 22 | PT | 5531608.512 | 627997.096 |
| 23 | PT | 5531600.158 | 627997.300 |
| 24 | PT | 5531600.442 | 628001.294 |
| 25 | PT | 5531608.610 | 628001.095 |
| 26 | PT | 5531609.634 | 628002.070 |
| 27 | PT | 5531574.885 | 628052.855 |
| 28 | PT | 5531573.837 | 628051.929 |
| 29 | PT | 5531573.683 | 628045.621 |
| 30 | PT | 5531569.676 | 628045.387 |

| LAYOUT UTM COORDINATES | | | |
|---|---|---|---|
| POINT I.D. | DESCRIPTION | NORTHING | EASTING |
| 31 | PT | 5531569.837 | 628051.974 |
| 32 | PT | 5531568.861 | 628052.998 |
| 33 | PT | 5531530.407 | 628004.006 |
| 34 | PT | 5531531.383 | 628002.982 |
| 35 | PT | 5531539.373 | 628002.787 |
| 36 | PT | 5531538.885 | 627998.797 |
| 37 | PT | 5531531.285 | 627998.983 |
| 38 | PT | 5531530.261 | 627998.008 |
| 39 | PT | 5531566.254 | 627946.279 |
| 40 | PT | 5531567.278 | 627947.255 |
| 41 | PT | 5531567.499 | 627956.311 |
| 42 | PT | 5531571.494 | 627956.040 |
| 43 | PT | 5531571.277 | 627947.161 |
| 44 | PT | 5531572.252 | 627946.137 |
| 45 | CULVERT | 5531563.441 | 627952.558 |
| 46 | CULVERT | 5531575.152 | 627952.275 |
| 47 | CULVERT | 5531603.150 | 627993.514 |
| 48 | CULVERT | 5531603.794 | 628004.666 |
| 49 | CULVERT | 5531536.121 | 628006.265 |
| 50 | CULVERT | 5531535.862 | 627995.436 |
| 51 | CULVERT | 5531535.327 | 627958.500 |
| 52 | CULVERT | 5531533.554 | 627937.230 |
| 53 | CULVERT | 5531532.719 | 627909.966 |
| 54 | CULVERT | 5531532.572 | 627904.434 |
| 55 | CULVERT | 5531601.043 | 627955.696 |
| 56 | CULVERT | 5531600.316 | 627926.375 |
| 57 | CULVERT | 5531601.887 | 627909.299 |
| 58 | CULVERT | 5531602.226 | 627902.510 |
| 59 | CULVERT | 5531604.465 | 627898.396 |
| 60 | CULVERT | 5531614.596 | 627898.148 |

| CURVE DATA TABLE | | | |
|---|---|---|---|
| CURVE I.D. | LENGTH | RADIUS | DELTA |
| C4 | 7.529 | 6.000 | 071°53'31" |
| C5 | 8.210 | 6.000 | 078°24'15" |
| C6 | 23.572 | 15.000 | 090°02'23" |
| C7 | 23.552 | 15.000 | 089°57'37" |
| C8 | 23.572 | 15.000 | 090°02'23" |
| C9 | 23.572 | 15.000 | 090°02'23" |
| C10 | 23.552 | 15.000 | 089°57'37" |
| C11 | 23.552 | 15.000 | 089°57'37" |
| C12 | 23.572 | 15.000 | 090°02'23" |
| C13 | 23.572 | 15.000 | 090°02'23" |

REFERENCE NOTES:

A. PAVEMENT DIMENSIONS ARE TO EDGE OF PAVEMENT
B. BASELINE IS CENTRE LINE ROADWAY
C. PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
D. REFER TO AECOM FIELD BOOK NO. 5180

CONSTRUCTION NOTES:

1. CONSTRUCT NEW 75mm TYPE MS1 ASPHALT PAVEMENT (REFER TO TYPICAL SECTION)
2. REMOVE EXISTING GATE
3. REMOVE EXISTING CORRUGATED STEEL PIPE CULVERT
4. INSTALL NEW 450mm Ø CORRUGATED STEEL PIPE CULVERT
5. PLACE GRANULAR A BASE COURSE
6. PLACEMENT OF STOCKPILED TOPSOIL ON SIDE SLOPES TO BE COMPLETED BY OTHERS
7. REPLACE BROKEN CAST IRON RISER RING AND REPAIR ASPHALT AT MANHOLE EAST OF BROOKSIDE CEMETERY EAST ENTRANCE (SPECIFIC LOCATION TO BE IDENTIFIED BY CONTRACT ADMINISTRATOR

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 2025/04/22

**PRELIMINARY**
**NOT FOR CONSTRUCTION**

| EXISTING | LEGEND - PLAN | PROPOSED | EXISTING | LEGEND - PLAN | PROPOSED | EXISTING | LEGEND - PROFILE | PROPOSED |
|---|---|---|---|---|---|---|---|---|
| 150 mm W.M. | WATERMAIN | 150 mm W.M. | | HYDRO | | | ℄ PROFILE | |
| | HYDRANT | | | M.T.S. | | | N/W GUTTER | |
| | VALVE | | | CONCRETE | | | S/E GUTTER | |
| 300mm L.D.S. | LAND DRAINAGE SEWER | 300mm L.D.S. | | ASPHALT | | | N/W PROPERTY LINE | |
| 250mm W.W.S. | WASTEWATER SEWER | 250mm W.W.S. | | PROPERTY LINE | | | S/E PROPERTY LINE | |
| | MANHOLE | | | SURVEY BAR | | | | |
| | CATCH BASIN | | 235.750 | ELEVATION | 35.750 | | | |
| | CATCH PIT | | 500ø | TREE | | | | |
| | TRAFFIC SIGNAL POLE | | | SIDEWALK RAMP | | | | |
| | STREET LIGHT | | | CONCRETE SIDEWALK | | | | |
| | GAS | | | FENCE | | | | |

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE — DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. ELEV. 235.815 — S.E. Corner Notre Dame Ave & Airport Rd, Tblt. in N. Concrete foundation No. 2190 Notre Dame Ave, 0.5 m E. & 0.5 m below Concrete block of N.W. Corner of Building

| NO. | REVISIONS | DATE | BY |
|---|---|---|---|
| 0 | ISSUED FOR TENDER | 2025/04/22 | RC |
| A | ISSUED FOR REVIEW | 2025/04/09 | RC |

AECOM

| | | | |
|---|---|---|---|
| DESIGNED BY | MM | CHECKED BY | RC |
| DRAWN BY | RAM | APPROVED BY | |
| HOR. SCALE: | 1:500 | RELEASED FOR CONSTRUCTION BY: | |
| VERTICAL: | | | |
| DATE | 2025/04/09 | DATE | |

ENGINEER'S SEAL
PROVINCE OF MANITOBA
R. F. CUNNINGHAM
Member
24711
2025-04-22
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
CT-17

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

BROOKSIDE CEMETERY
SITE EXPANSION

CITY DRAWING NUMBER
.

SHEET 17 OF 17

ROAD LAYOUT AND DRAINAGE