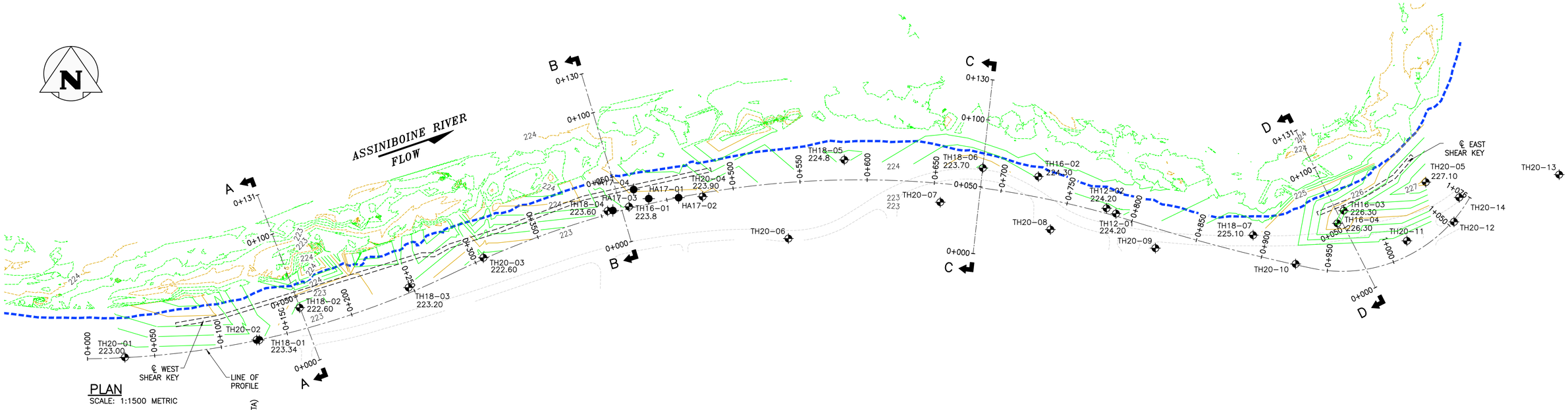
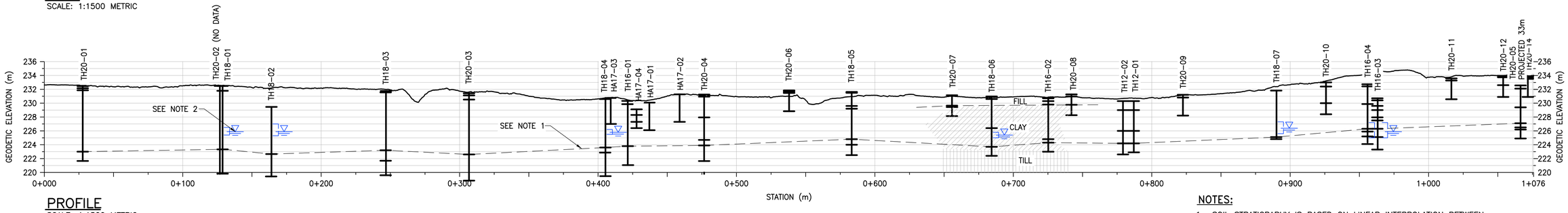



## PLAN
SCALE: 1:1500 METRIC

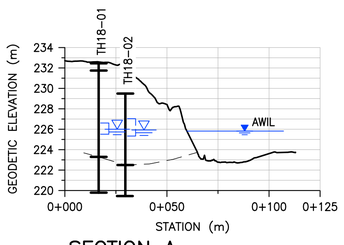



## PROFILE
SCALE: 1:1500 METRIC
EXAGG x5

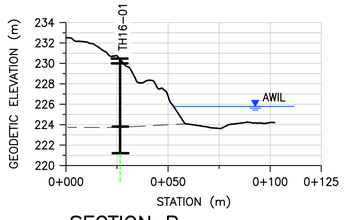
## NOTES:

1. SOIL STRATIGRAPHY IS BASED ON LINEAR INTERPOLATION BETWEEN TESTHOLE LOGS AND RIVERBED TILL BATHYMETRY. THE DEPTH TO COMPETENT TILL BETWEEN MEASURED LOCATIONS MAY VARY FROM THAT ILLUSTRATED. FOR DETAILED TEST HOLE LOGS REFER TO APPENDIX A OF PROJECT SPECIFICATIONS.

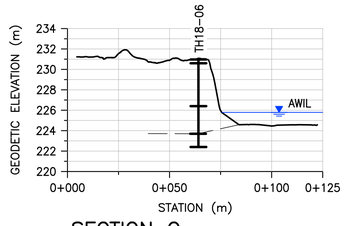
2. GROUNDWATER LEVELS ARE BASED ON MEASUREMENTS OF SITE INSTRUMENTS UNDER TYPICAL LOW RIVER CONDITIONS BETWEEN 2016 AND 2020. GROUNDWATER LEVELS CAN VARY SEASONALLY AND ANNUALLY AND MAY DIFFER FROM THE CONDITIONS ILLUSTRATED.



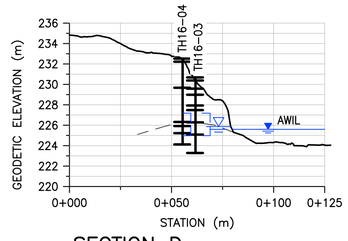

## SECTION A
SCALE: 1:1500 METRIC
EXAGG x5




## SECTION B
SCALE: 1:1500 METRIC
EXAGG x5




## SECTION C
SCALE: 1:1500 METRIC
EXAGG x5




## SECTION D
SCALE: 1:1500 METRIC
EXAGG x5

## LEGEND:

| | |
|---|---|
| 223 | BATHYMETRIC TILL CONTOUR (1m) |
| 223.25 | BATHYMETRIC TILL CONTOUR (0.25m) |
| 225 | INTERPRETED TILL CONTOUR (1m) |
| 225.25 | INTERPRETED TILL CONTOUR (0.25m) |
| TH12-02 | TEST HOLE (KGS GROUP 2012) |
| TH16-02 | TEST HOLE (TREK 2016) |
| HA17-01 | HAND AUGER (TREK 2017) |
| TH18-02 | TEST HOLE (KGS GROUP 2018) |
| TH20-02 | TEST HOLE (KGS GROUP 2020) |
| TH20-01 223.00 | TEST HOLE WITH TILL ELEVATION |
| | GROUNDWATER LEVEL (SEE NOTE 2) |
| AWIL | AVERAGE WINTER ICE LEVEL |

## METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

## PROPERTY LIMITS DELINEATION
DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

## WARNING
1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
3. SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

50 0 50 100m
SCALE: 1:1500 METRIC

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

| EXISTING | LEGEND–PLAN | PROPOSED | EXISTING | LEGEND–PLAN | PROPOSED | EXISTING | LEGEND–PROFILE | PROPOSED |
|---|---|---|---|---|---|---|---|---|
| 300 LDS | LAND DRAINAGE SEWER | 300 LDS | | FENCE | | | | |
| 250 WWS | WASTE WATER SEWER | 250 WWS | | TEST HOLE | | | | |
| | GAS | | | GUY WIRE | | | | |
| | HYDRO | | | LIGHT STANDARD | | | | |
| | M.T.S. | | | BACK OF CURB | | | | |
| 150 WM | WATERMAIN | 150 WM | | CONCRETE | | | ℄ PROFILE | |
| | HYDRANT | | | ASPHALT | | | EDGE OF ALLEY LHS | |
| | VALVE | | | SIDEWALK | | | EDGE OF ALLEY RHS | |
| | MANHOLE | | | PROPERTY LINE | | | N/W LANE ℙ | |
| | CATCH BASIN | | | SURVEY BAR | | | S/E MEDIAN ℙ | |
| | CURB INLET | | | GEODETIC BENCHMARK | | LHS/RHS | GARAGE/PARKING SLAB | |
| | POLES T–MTS H–HYDRO | | 231.33 | ELEVATION | 232.231 | | WINDOW/DOOR SILL | |

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. KGS_BASE
ELEV. 249.221

| NO. | REVISIONS | DATE | BY |
|---|---|---|---|
| 0 | ISSUED FOR TENDER | 20/10/05 | BPA |

KGS GROUP

| | | | |
|---|---|---|---|
| DESIGNED BY | CMR | CHECKED BY | BPA |
| DRAWN BY | TVW/PwD | APPROVED BY | BPA |
| HOR. SCALE: VERTICAL: | AS NOTED | RELEASED FOR CONSTRUCTION: | |
| DATE | 2020–08–13 | DATE | |

ENGINEER'S SEAL

CONSULTANT DRAWING NO.
CG–02

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PROJECT TITLE
WELLINGTON CRESCENT RIVERBANK, PATH AND ROADWAY PROJECT
SLOPE STABILIZATION WORKS
TILL SURFACE STRATIGRAPHIC PROFILE AND SECTIONS

SHEET 11 OF 69
COMPUTER FILE NAME 18–0107–011_CG–02
CITY DRAWING NUMBER P–3536–11

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A1 (841x594) / PLOT SCALE: 1:1