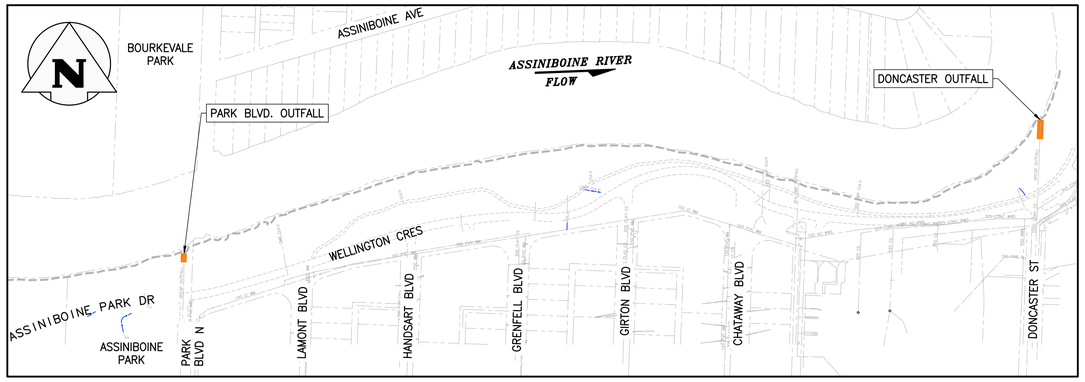
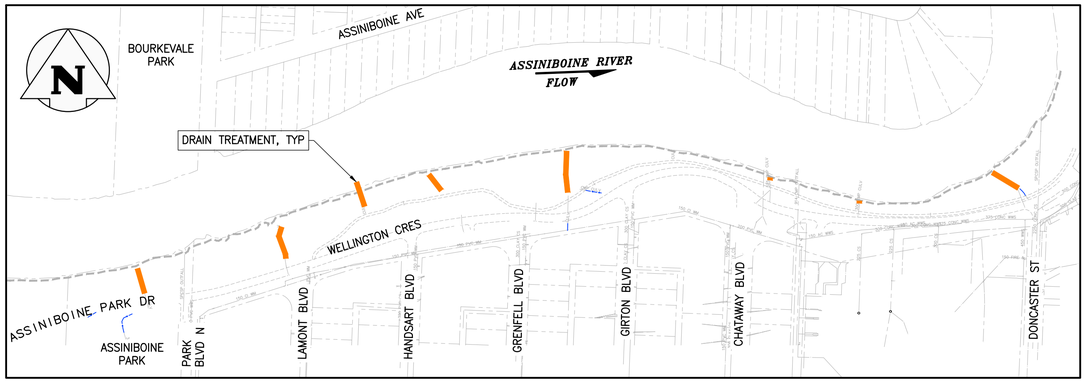



STAGE 1 (PHASE 1 – WINTER)
SCALE: 1:3000 METRIC

REPLACE/ UPGRADE OUTFALL PIPES

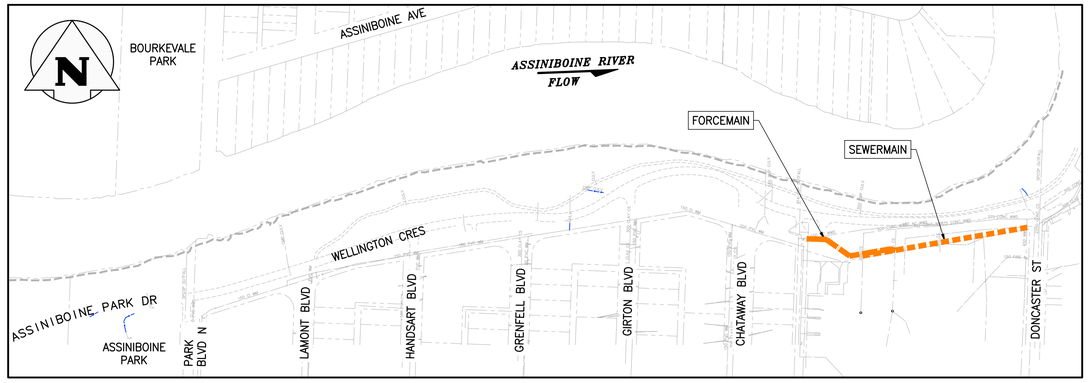
TO OCCUR IN CONJUNCTION WITH STAGE 4 OF SLOPE STABILIZATION WORKS (SEE DWG. GE–05)




STAGE 4 (PHASE 2 – SUMMER)
SCALE: 1:3000 METRIC

PROVIDE RIPRAP TREATMENT AT STORM DRAIN EXISTS AT RIVER AND GRADE SWALES WITH "SMART DITCH"

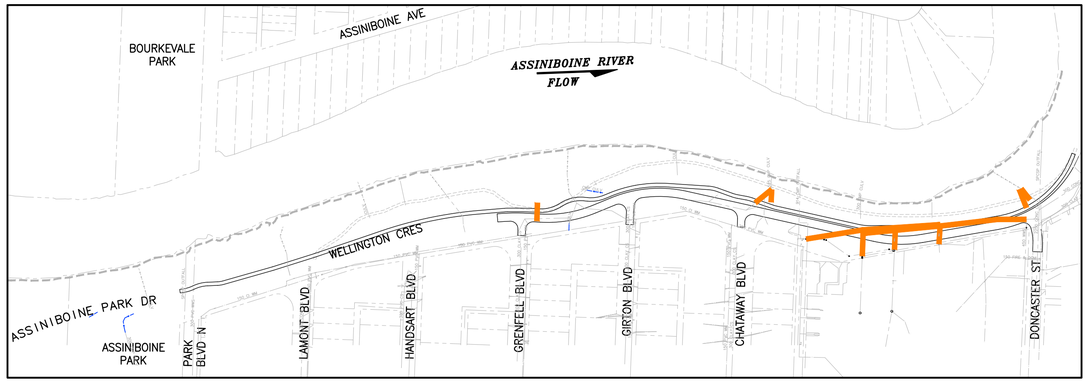
TO OCCUR DURING STAGE 4 OF SLOPE STABILIZATION WORKS (SEE DWG. GE–05)




STAGE 2 (PHASE 1 – WINTER)
SCALE: 1:3000 METRIC

RELOCATE SEWERMAIN AND FORCEMAIN

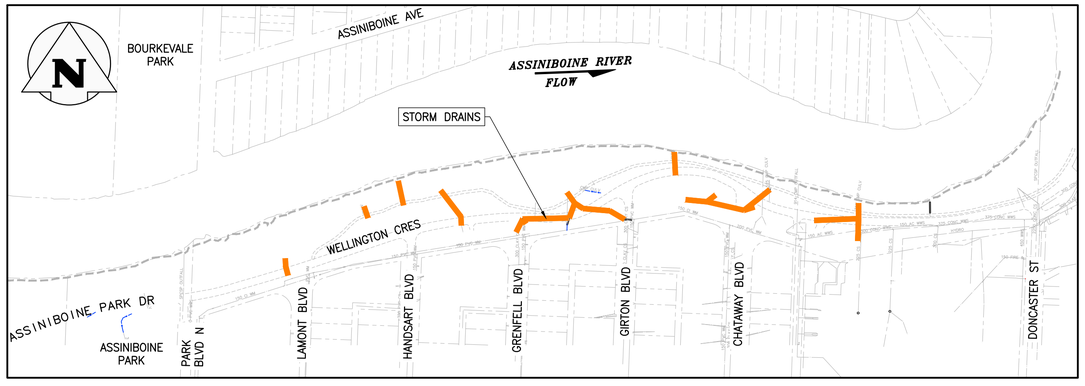
TO OCCUR DURING STAGE 4 OF SLOPE STABILIZATION WORKS (SEE DWG. GE–05) FOLLOWING EAST SHEAR KEY CONSTRUCTION




STAGE 4 (PHASE 2 – SUMMER)
SCALE: 1:3000 METRIC

DECOMMISSION/ ABANDON EXISTING SEWERMAIN, FORCEMAIN AND MANHOLES

TO OCCUR DURING STAGE 5 OF SLOPE STABILIZATION WORKS (SEE DWG. GE–05)




STAGE 3 (PHASE 2 – SUMMER)
SCALE: 1:3000 METRIC

CATCH BASINS AND STORM DRAIN MODIFICATIONS

TO OCCUR DURING STAGE 5 OF SLOPE STABILIZATION WORKS (SEE DWG. GE–05)

## 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.

100 0 100 200m
SCALE: 1:3000 METRIC

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 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 ℞ | |
| | CATCH BASIN | | | SURVEY BAR | | | S/E MEDIAN ℞ | |
| | CURB INLET | | | GEODETIC BENCHMARK | | LHS/RHS | GARAGE/PARKING SLAB | |
| | POLES T–MTS H–HYDRO | | 231.33 | ELEVATION | (232.231) | | WINDOW/DOOR SILL | |
| EXISTING | LEGEND–PLAN | PROPOSED | EXISTING | LEGEND–PLAN | PROPOSED | EXISTING | LEGEND–PROFILE | PROPOSED |

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 | APPROVED BY | BPA |
| HOR. SCALE: VERTICAL: | AS NOTED | RELEASED FOR CONSTRUCTION: | |
| DATE | | DATE | |

ENGINEER'S SEAL

CONSULTANT DRAWING NO.
GE–06

Winnipeg

# THE CITY OF WINNIPEG
## PUBLIC WORKS DEPARTMENT
## ENGINEERING DIVISION

PROJECT TITLE
WELLINGTON CRESCENT RIVERBANK, PATH AND ROADWAY PROJECT

GENERAL

CONSTRUCTION STAGING – UNDERGROUND WORKS (SHEET 3 OF 5)

SHEET 6 OF 69
COMPUTER FILE NAME 18–0107–011_GE–06
CITY DRAWING NUMBER P–3536–06

Filename: G:\Projects\2018\18-0107-011\Dwg\Geo\18-0107-011_GE-06 – Tab:Rev0 Plotted By: PDeffner 20/10/05 [Mon 11:25am]
A1 (841x594) / PLOT SCALE: 1:1