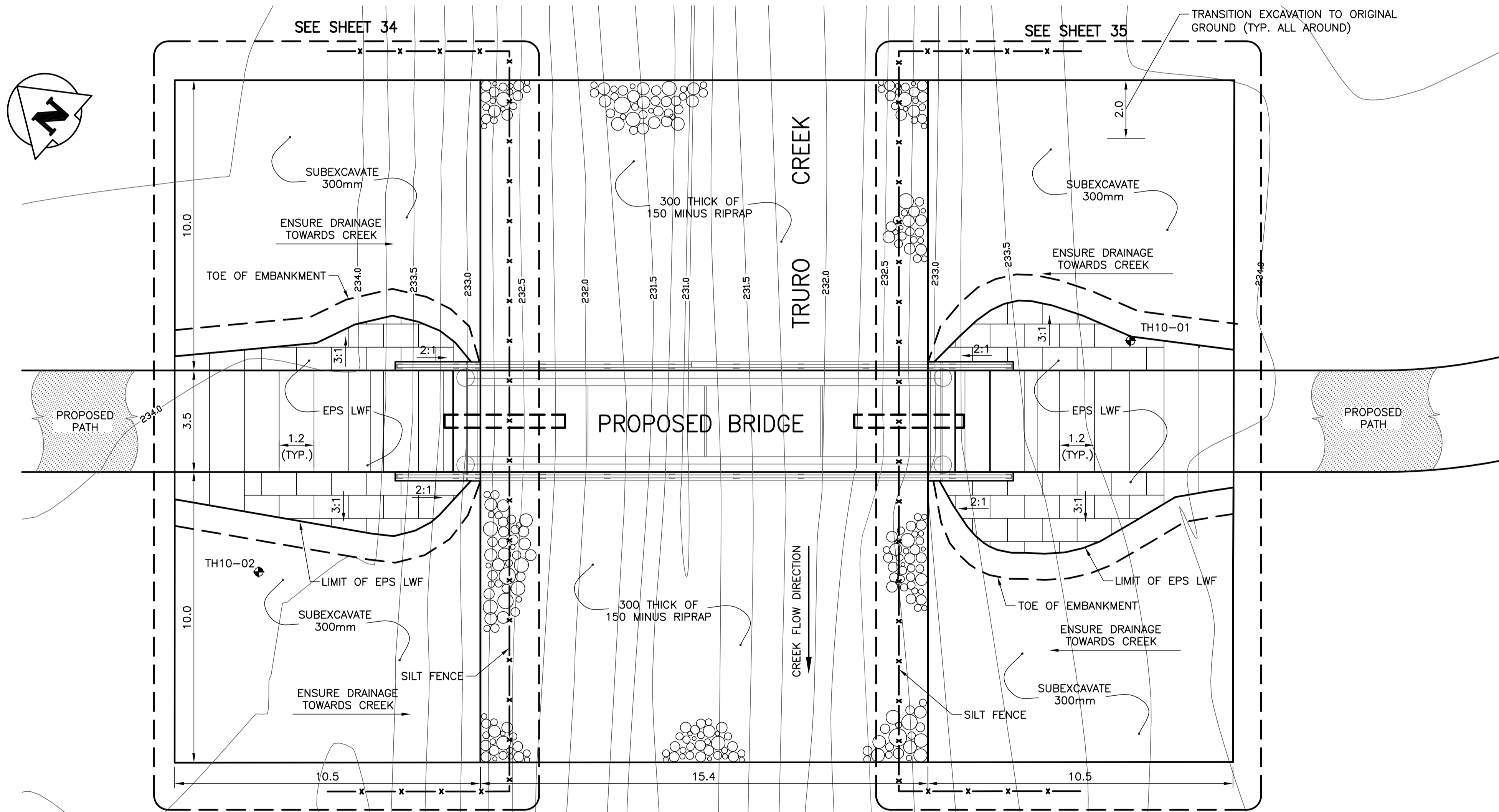


PROFILE
SCALE: 1:100 HOR



PLAN
SCALE: 1:100 HOR

NOTES

1. EPS LWF - EXPANDED POLYSTYRENE LIGHTWEIGHT FILL.
2. PLACE TOPSOIL & SEED ON ALL EXCAVATED AREAS AND EMBANKMENT SLOPES.
3. ALL EPS LWF SHALL BE AASHTO DESIGNATION EPS100. EPS LWF MATERIALS SHALL CONFORM TO ASTM C578 TESTING SPECIFICATIONS.
4. EXCAVATION CONSTRUCTION SEQUENCE SHALL COMMENCE AT THE TOP OF THE BANK AND PROCEED DOWNSLOPE FOR BOTH BANKS.
5. WHERE POSSIBLE, THE LONGEST DIMENSION OF THE EPS LWF WILL BE PLACED PERPENDICULAR TO THE DIRECTION OF THE PATHWAY.
6. EPS LWF BLOCKS SHALL HAVE A MINIMUM COVER OF 600mm INCLUDING PAVEMENT.
7. NO MATERIAL SHALL BE STOCKPILED WITHIN 50m OF THE TOP OF THE BANK.
8. THE SMALLEST DIMENSIONS OF THE EPS LWF BLOCKS SHALL BE 0.2m THICK BY 1.2m WIDE. EPS LWF BLOCK SHALL HAVE A MINIMUM LENGTH OF 2.44m.
9. PUMP OUT EXCAVATION AS NECESSARY TO ENSURE THAT EXCAVATED FOUNDATION FOR EPS LWF IS DRY AND ABSENT OF STANDING WATER.
10. PLACE NON-WOVEN GEOTEXTILE UNDER EPS SAND BEDDING AND RIPRAP.
11. CONSTRUCT FRENCH DRAIN IN ACCORDANCE WITH CW 3120. OMIT DRAINAGE PIPE.

PROPERTY LIMITS DELINEATION

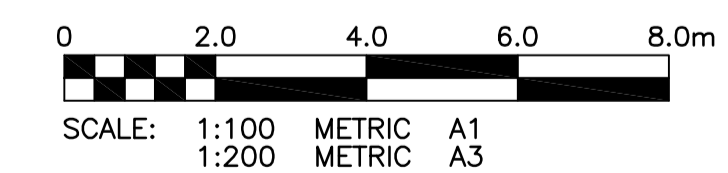
DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

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.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



APCGM
Certificate of Authorization
KGS Group
No. 245 Date: _____

P:\Projects\2009_09-0107-21\DWG\Mun_09-0107-21_CALL.dwg - Tab: C33 Plotted By: Gloewen 05/11/2010 [Tue 3:04pm]

150 WM	WATERMAIN	150 WM	HYDRO	150 WM	WATERMAIN	150 WM	WATERMAIN
Hydrant	HYDRANT	Hydrant	M.T.S.	Hydrant	HYDRANT, VALVE	Hydrant	HYDRANT, VALVE
Valve	VALVE	Valve	CONCRETE	Valve	CONCRETE	Valve	CONCRETE
300 LDS	LAND DRAINAGE SEWER	300 LDS	ASPHALT	300 LDS	LAND DRAINAGE SEWER	300 LDS	LAND DRAINAGE SEWER
250 WWS	WASTE WATER SEWER	250 WWS	SIDEWALK	250 WWS	WASTE WATER SEWER	250 WWS	WASTE WATER SEWER
Manhole	MANHOLE	Manhole	KGS TEST HOLE	Manhole	NORTH/WEST GUTTER	Manhole	NORTH/WEST GUTTER
Catch Basin	CATCH BASIN	Catch Basin	PROPERTY LINE	Catch Basin	SOUTH/EAST GUTTER	Catch Basin	SOUTH/EAST GUTTER
Curb Inlet	CURB INLET	Curb Inlet	SURVEY BAR	Curb Inlet	N/W, S/E B'S	Curb Inlet	N/W, S/E B'S
Junctions	JUNCTIONS	Junctions	DITCH	Junctions	N/W, S/E TOP/CURB	Junctions	N/W, S/E TOP/CURB
Culvert	CULVERT	Culvert	ELEVATION	Culvert	NORTH/WEST DITCH	Culvert	NORTH/WEST DITCH
Gas	GAS	Gas	LEGEND-PLAN	Culvert	SOUTH/EAST DITCH	Gas	SOUTH/EAST DITCH
Existing	LEGEND-PLAN	Proposed	PROPOSED	Existing	LEGEND-PROFILE	Existing	LEGEND-PROFILE

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. 39-032	S.W. Cor. Moray St. & Silver Ave., Tblt. in N. Conc. foundation No. 65 Moray Village, 3m W. & 0.1m below brick of N.E. Cor. of apartment unit.
ELEV. 238.871m	
1	ISSUED FOR ADDENDUM 1 10/05/13
0	ISSUED FOR TENDER 10/05/03 JDF
NO. REVISIONS	DATE BY

KGS GROUP CONSULTING ENGINEERS
DESIGNED BY: JDF
DRAWN BY: GEL
CHECKED BY:
APPROVED BY:
HOR. SCALE: 1:100
VERTICAL: 1:100
RELEASED FOR CONSTRUCTION:
DATE: 10/04/06

ENGINEER'S SEAL
PROVINCE OF MANITOBA
J.D. FRIESEN
Member 23875
REGISTERED PROFESSIONAL ENGINEER
CONSULTANT DRAWING NO.
09-0107-21_C33

THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT
PROJECT TITLE
2010 ACTIVE TRANSPORTATION / INFRASTRUCTURE STIMULUS PROGRAM
SHEET **33** OF **35**
COMPUTER FILE NAME
09-0107-21_CALL
CITY DRAWING NUMBER
B238-10-07
TRURO CREEK BRIDGE BANK STABILIZATION