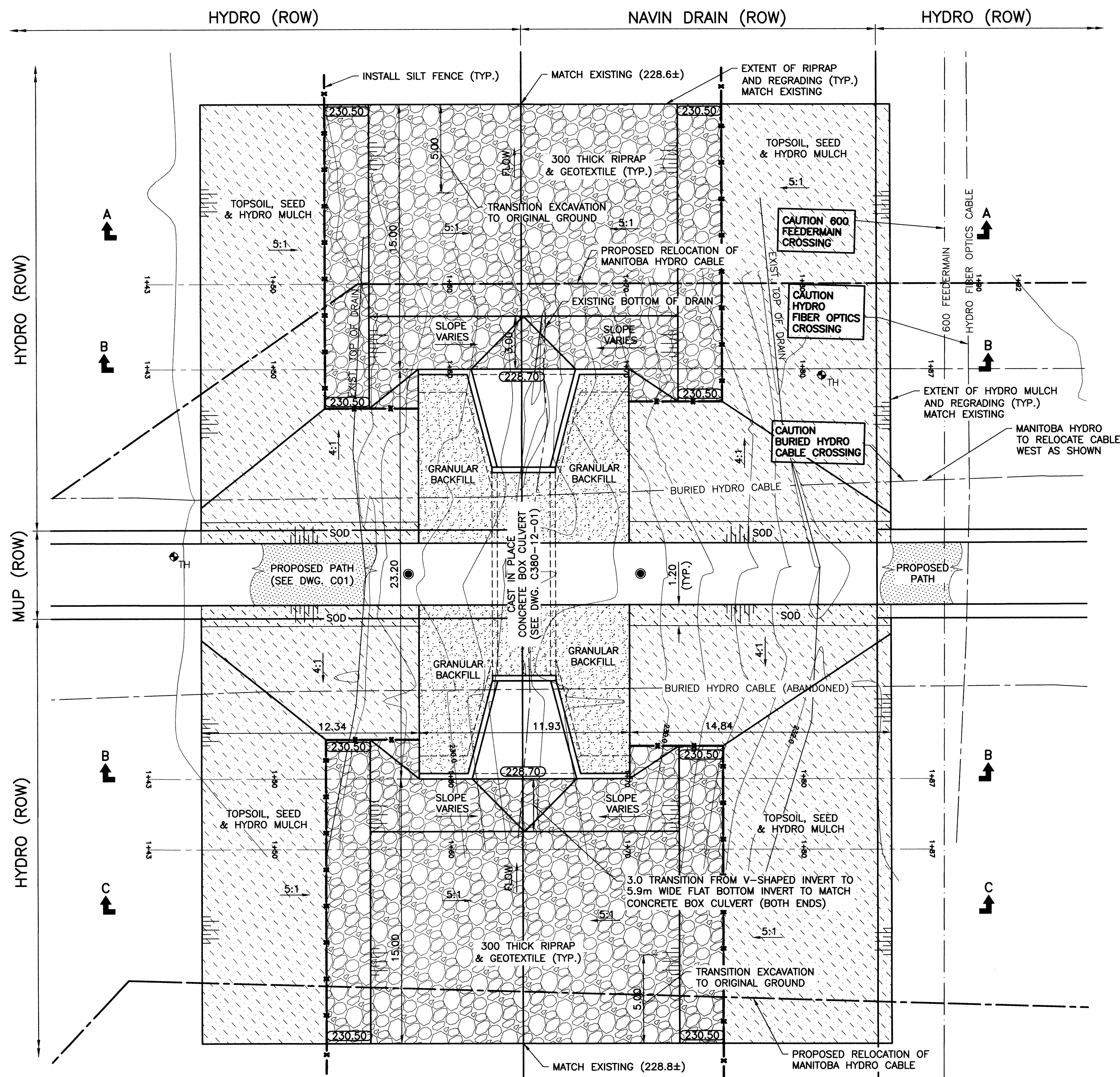
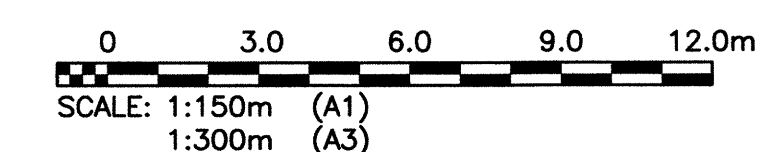


**NOTES:**

1. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE LATEST REVISIONS OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
2. CONTRACTOR TO VERIFY DEPTH OF UTILITIES PRIOR TO CONSTRUCTION.
3. 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 GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY WATCH COSTS.
5. SUITABLE EXCAVATED MATERIAL TO BE USED AS BACKFILL WHERE REQUIRED.
6. ALL SURFACES INCIDENTALLY DAMAGED OR DISTURBED TO ACCOMMODATE CONSTRUCTION SHALL BE MAINTAINED OR RESTORED TO PREVIOUS CONDITION OR BETTER.
7. REFER TO CITY OF WINNIPEG E-SPEC FOR INSTALLATION OF DETECTABLE WARNING SURFACE TILES.
8. NEW DRAIN INVERT SHALL BE CONSTRUCTED IN A SMOOTH AND UNIFORM PROFILE BETWEEN THE DESIGN GRADES SHOWN.
9. MUP (ROW) IS MULTI-USE PATH RIGHT-OF-WAY.



**PLAN**  
SCALE 1:150



**WARNING**

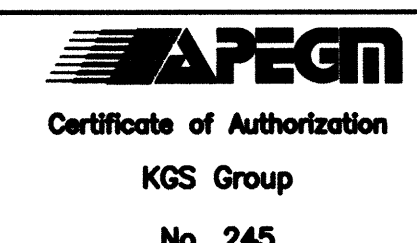
1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
3. SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

**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.

**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES



P:\Projects\2012\12-0107-005\Drawings\DWG\12-0107-005\_G01-Rev 0.dwg - Tab: 001 Plotted By: Dorothea 01/18/2013 [F: 11:49am]  
 C:\LEGEND

150 WM	WATERMAIN	150 WM	HYDRO	150 WM	WATERMAIN	150 WM	LOCATION APPROVED UNDERGROUND STRUCTURES
+	HYDRANT	+	M.T.S.	+	HYDRANT, VALVE	+	
⊗	VALVE	⊗	ASPHALT	⊗	LAND DRAINAGE SEWER	⊗	
300 LDS	LAND DRAINAGE SEWER	300 LDS	RIPRAP	250 WWS	WASTE WATER SEWER	250 WWS	
250 WWS	WASTE WATER SEWER	250 WWS	GRAVEL	X	Q PROFILE		
○	MANHOLE	●	SOD	□	NORTH/WEST GUTTER		
□	CATCH BASIN	■	SEED	○	SOUTH/EAST GUTTER		
▽	CURB INLET	◆	KGS TEST HOLE	◇, ○	N/W, S/E P'S		
□	BOLLARD	■	PROPERTY LINE	□, ○	N/W, S/E TOP/CURB		
▬	CULVERT	▬	DITCH	▬	NORTH/WEST DITCH		
▬	GAS	▬	ELEVATION	▬	SOUTH/EAST DITCH		
			231.334				
			(32.231)				
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	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. 55-056  
ELEV. 232.913m

818904 - N.W. COR. BEAVERHILL BLVD. & C.I.P. EMERSON LINE, T-1, ON TOP OF 0.05m DIA x 2.4m IRON PIPE, 10.68m W. OF W. RAIL OF RAILWAY TRACKS & 6.78m N. OF C.I. CONC. PAVT. BEAVERHILL BLVD., OR 3.8m E. OF W.L. OF C.I.P. EMERSON R.O.W. & 6.4m S. OF N.L. OF BEAVERHILL BLVD.

NO.	REVISIONS	DATE	BY
D	ISSUED FOR TENDER	13/01/12	

**KGS GROUP**  
CONSULTING ENGINEERS

**SCATLIF+MILLER+MURRAY INC.**  
1-18 MARKET AVENUE  
WINNIPEG, MB, CANADA

DESIGNED BY: AKW  
CHECKED BY: [Signature]  
DRAWN BY: DMW  
APPROVED BY: [Signature]

HOR. SCALE: AS SHOWN  
VERTICAL: [Signature]

RELEASED FOR CONSTRUCTION: [Signature]

DATE: 12/06/11

ENGINEER'S SEAL

**PROF. PRIESEN**  
Member 23875

CONSULTANT DRAWING NO. 12-0107-005

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

PROJECT TITLE: MULTI-USE PATH AND NAVIN DRAIN C.I.P. CONCRETE CULVERT  
BISHOP GRADIN BLVD/SHOREHILL DR TO BEAVERHILL BLVD  
BANK STABILIZATION PLAN

SHEET 08 OF 10  
COMPUTER FILE NAME: 12-0107-005  
CITY DRAWING NUMBER: G-01