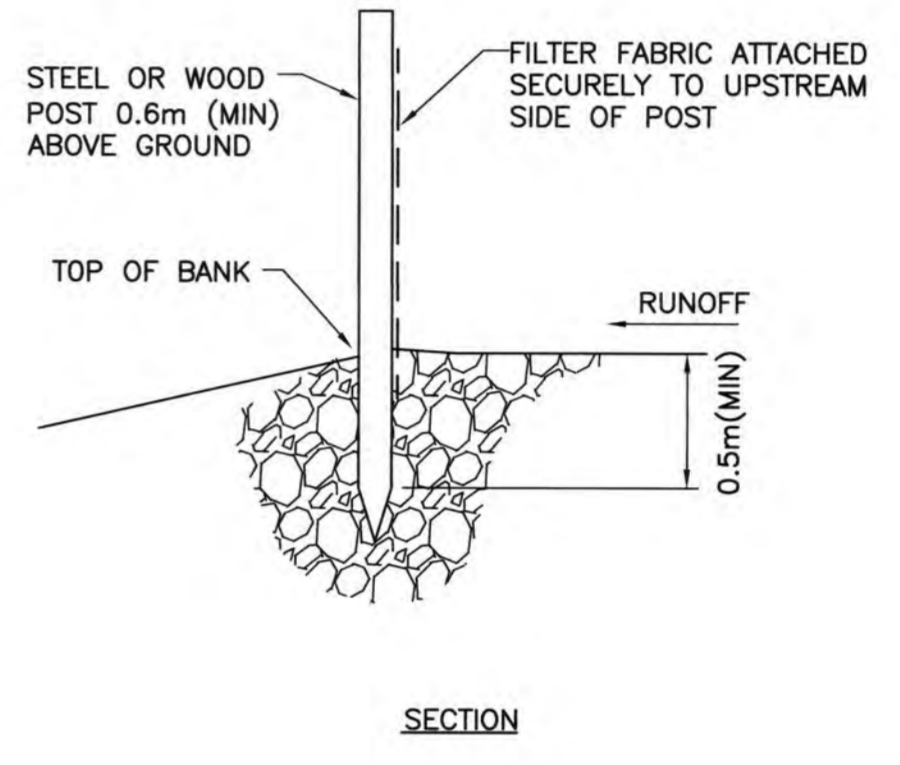
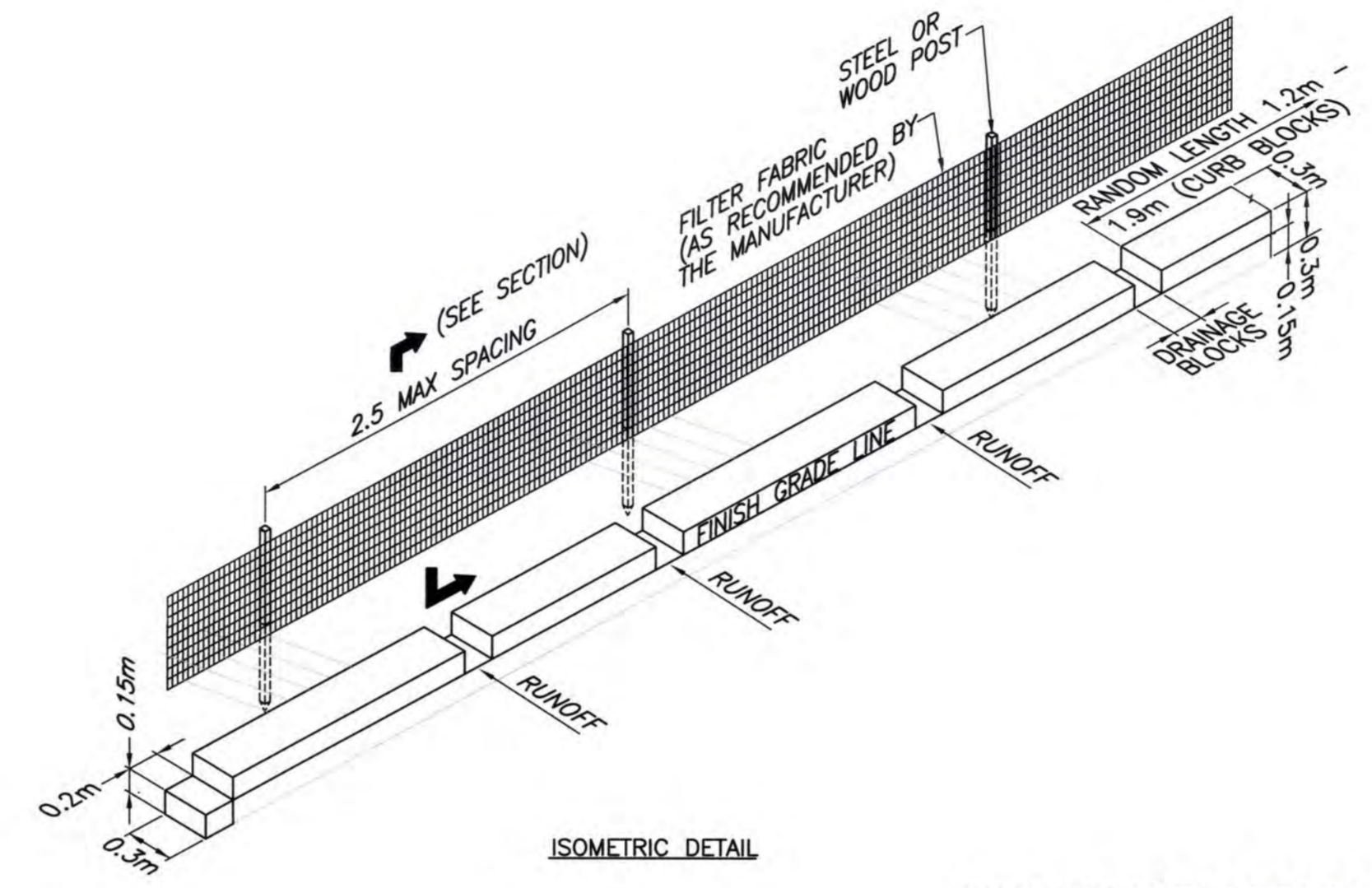
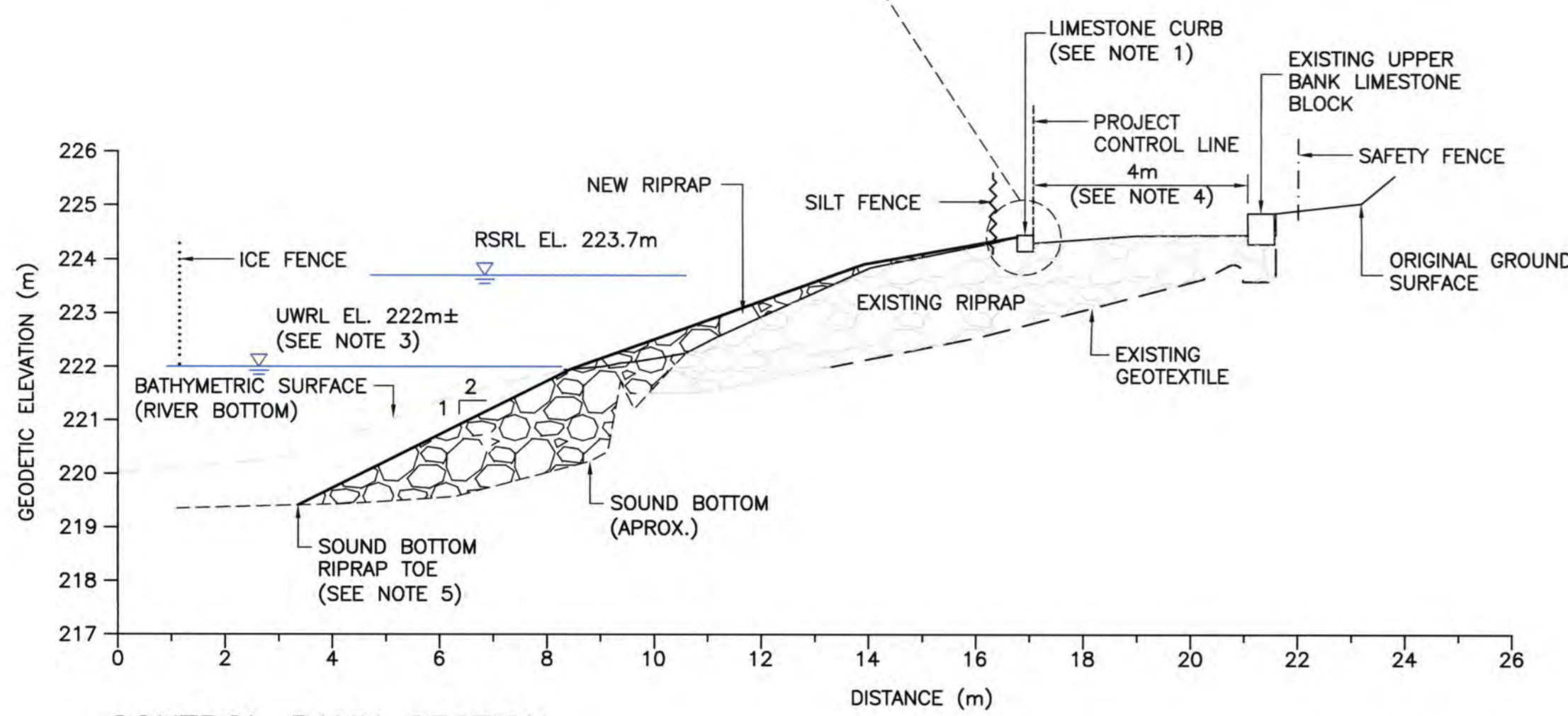


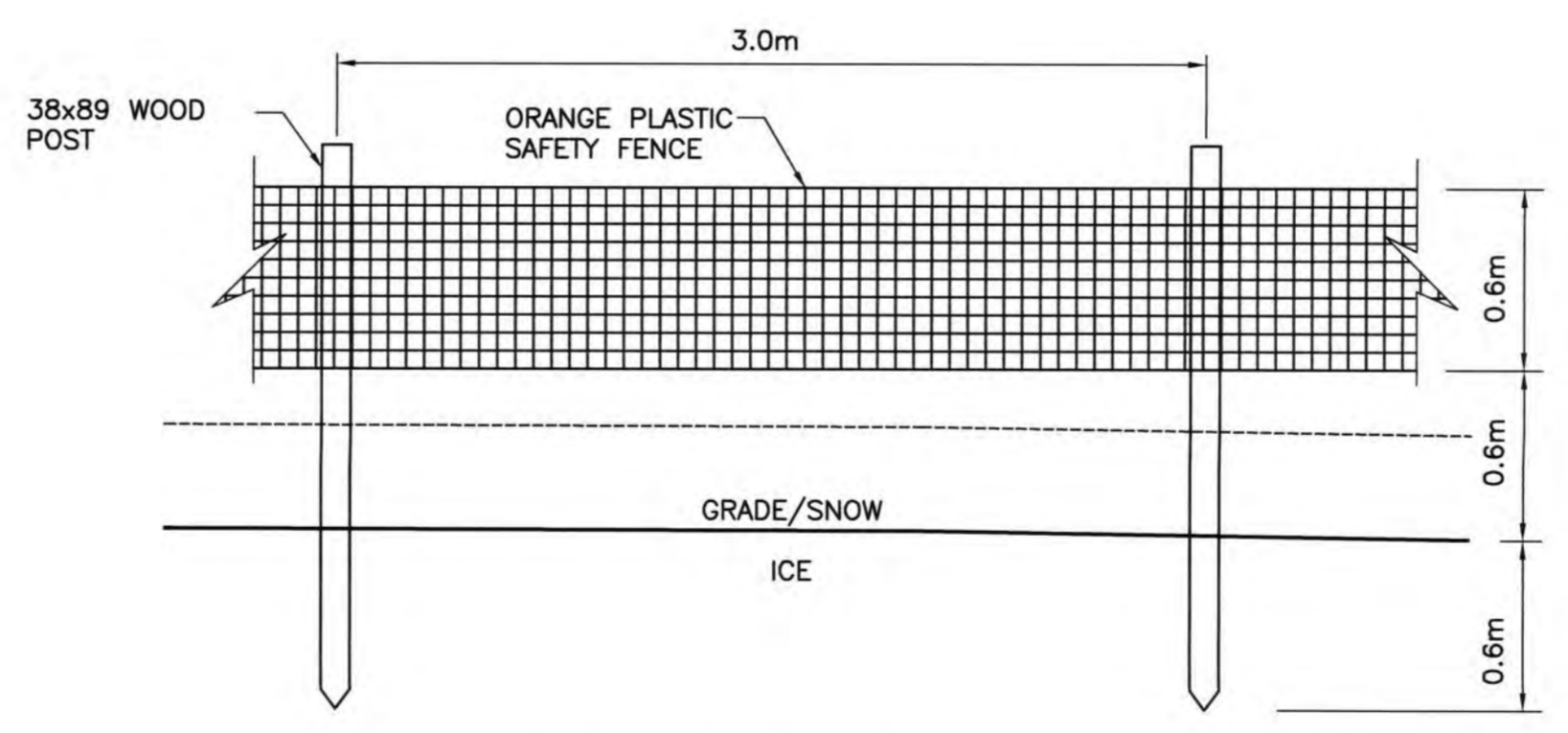
- NOTES:**
1. DISPLACED OR DAMAGED LIMESTONE CURB SHALL BE RE-INSTALLED TO GRADE AND ALIGNMENT AS APPROVED BY THE CONTRACT ADMINISTRATOR. THIS WORK SHALL BE PERFORMED AFTER SPRING FRESHET AND UNDER NON FROZEN CONDITIONS AS APPROVED BY THE CONTRACT ADMINISTRATOR.
 2. LIMESTONE CURB REPAIR SHALL CONSIST OF EXCAVATING TO DEPTH OF 0.3m BELOW FINISHED BLOCK BOTTOM. BLOCK FOUNDATION SHALL CONSIST OF GRANULAR BASE PLACED AND COMPACTED IN 0.15m LIFTS OVER GEOTEXTILE.
 3. RIPRAP PLACEMENT SHALL ORIGINATE FROM THE RIVER ICE LEVEL AND BE PLACED INTO RIVER AT A SLOPE OF 1 VERTICAL TO 2 HORIZONTAL. RIPRAP ABOVE RIVER ICE LEVEL SHALL THEN BE PLACED TO THICKNESS VARYING FROM 0.2-0.5m AND MEET TOP OF LIMESTONE CURB AS APPROVED BY THE CONTRACT ADMINISTRATOR.
 4. RIVER WALK IS TYPICALLY 4m WIDE BETWEEN LIMESTONE BLOCKS. AREAS LESS THAN 4m ARE CONSIDERED "PINCH" POINTS AND ARE NOTED ON PLAN OF DWG 0001. THESE "PINCH" POINTS MAY REQUIRE SPECIAL CONSIDERATION FOR EQUIPMENT TRAFFIC.
 5. SOUND TOE IS THE ASSUMED RESTING POSITION OF ROCKFILL AFTER BEING PLACED ON SOFT RIVER SEDIMENT.



SILT FENCE DETAILS
NTS



RESTORED BLOCK ILLUSTRATION
NTS



SAFETY AND ICE FENCE DETAIL
NTS

UTILITIES
EXISTING SERVICES AND UTILITIES SHALL BE LOCATED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING THE STRUCTURAL INTEGRITY OF THE SERVICES AND UTILITIES.

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



EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
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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.	KGS BASE	DRAWINGS BASED ON C.S.R.S NAD 83 SYSTEM, UTM GRID
0	ISSUED FOR TENDER	25/10/13 BPA
NO.	REVISIONS	DATE BY

KGS GROUP CONSULTING ENGINEERS	
DESIGNED BY BPA	CHECKED BY MRJ
DRAWN BY PwD	APPROVED BY
HOR. SCALE: AS NOTED	RELEASED FOR CONSTRUCTION:
VERTICAL: AS NOTED	DATE
23/09/2013	



THE CITY OF WINNIPEG
URBAN DESIGN DIVISION
Winnipeg
PLANNING, PROPERTY & DEVELOPMENT DEPARTMENT

PROJECT TITLE: **REPAIR OF THE ASSINIBOINE RIVERWALK TYPICAL DETAILS**

ENGINEER'S SEAL: B.P. ARPIN Member 24582

CONSULTANT DRAWING NO. **13-0107-023_06**

SHEET **07** OF **08**
COMPUTER FILE NAME: 13-0107-023_06
CITY DRAWING NUMBER: 815-2013_0006_01_00

COWLEND