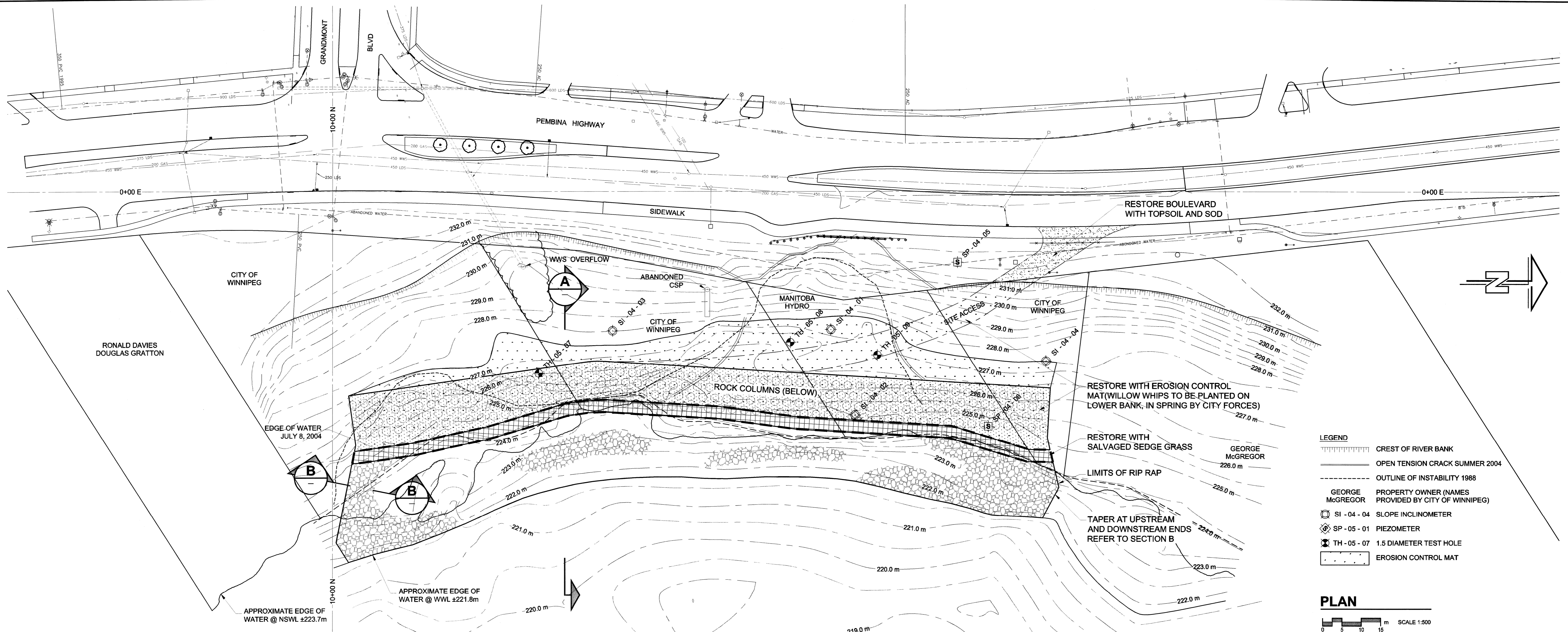


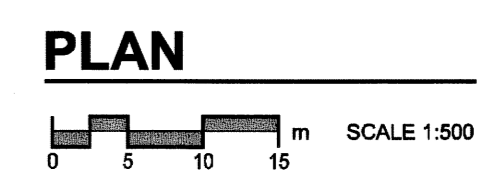
D SIZE 22" x 34" (559mm x 864mm)

PLOT: 06/11/2011 11:34:28 AM

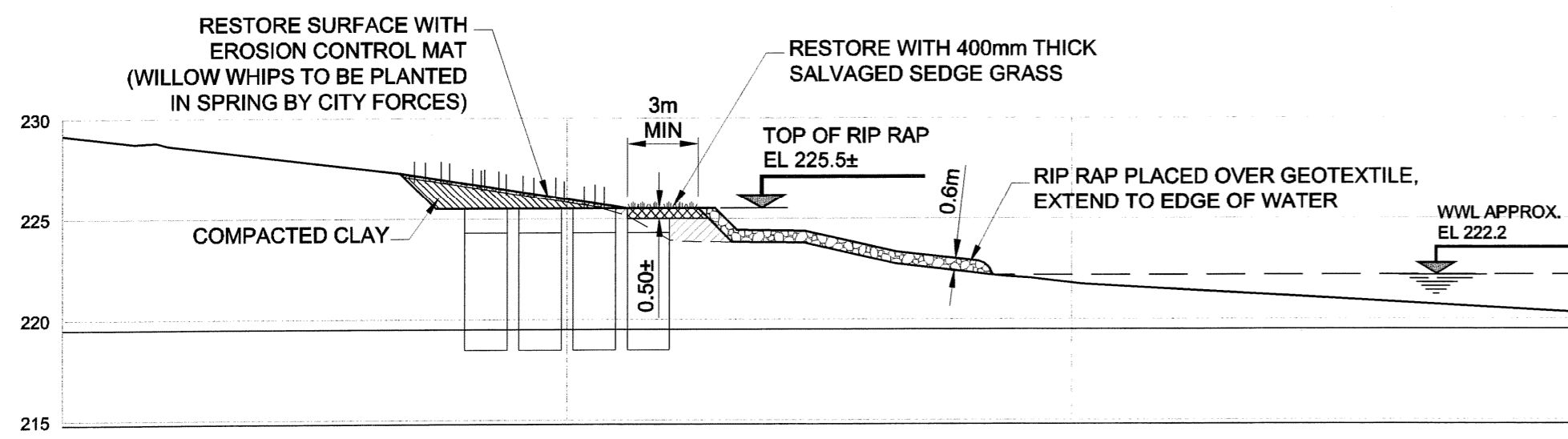
UMA FILE NAME: 0265-371-03_02-R-0004_RX.dwg Saved By: jviberg



- LEGEND**
- CREST OF RIVER BANK
 - OPEN TENSION CRACK SUMMER 2004
 - OUTLINE OF INSTABILITY 1988
 - GEORGE MCGREGOR PROPERTY OWNER (NAMES PROVIDED BY CITY OF WINNIPEG)
 - SI - 04 - 04 SLOPE INCLINOMETER
 - SP - 05 - 01 PIEZOMETER
 - TH - 05 - 07 1.5 DIAMETER TEST HOLE
 - EROSION CONTROL MAT

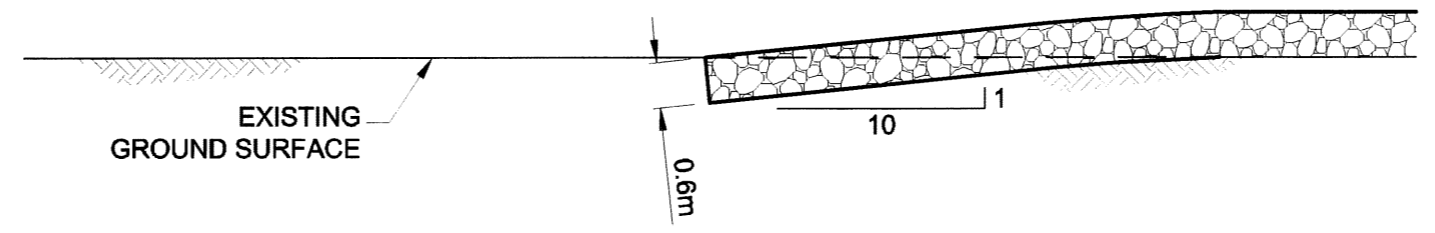


- NOTES:**
- PROVIDE AND MAINTAIN SEDIMENT CONTROL MEASURES DURING SPRING THAW AND FLOODING UNTIL SITE IS RESTORED.
 - TOPSOIL CW 3540-R3
SOD CW 3510-R8



SECTION A

RESTORATION OF WORKING BENCH AND RIP RAP TYPICAL



SECTION B

RIP RAP TAPERUPSTREAM AND DOWNSTREAM ENDS

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES DATE COMMITTEE

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.

NO.	REVISIONS	YYMMDD	BY
0	ISSUED FOR CONSTRUCTION	06/11/2011	LJV

UMA AECOM	
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DESIGNED BY JET	CHECKED BY
DRAWN BY LJV	APPROVED BY
HOR. SCALE 1:500	RELEASED FOR CONSTRUCTION
VERT. SCALE NA	DATE

APEG
Certificate of Authorization
UMA Engineering Ltd.
No. 256 Expiry: April 30, 2007

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
J. E. TALLIN
REGISTERED PROFESSIONAL ENGINEER
CONSULTANT DRAWING NO. 004
0265-371-03

TENDER NO. 0000

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

**RIVERBANK STABILIZATION
PEMBINA HWY AT GRANDMONT BLVD
PHASE 2**

**SITE RESTORATION AND RIP RAP
PLAN AND DETAILS**

CITY DRAWING NUMBER X000-00-00
SHEET 4 OF 4
REV 0

P3262-5