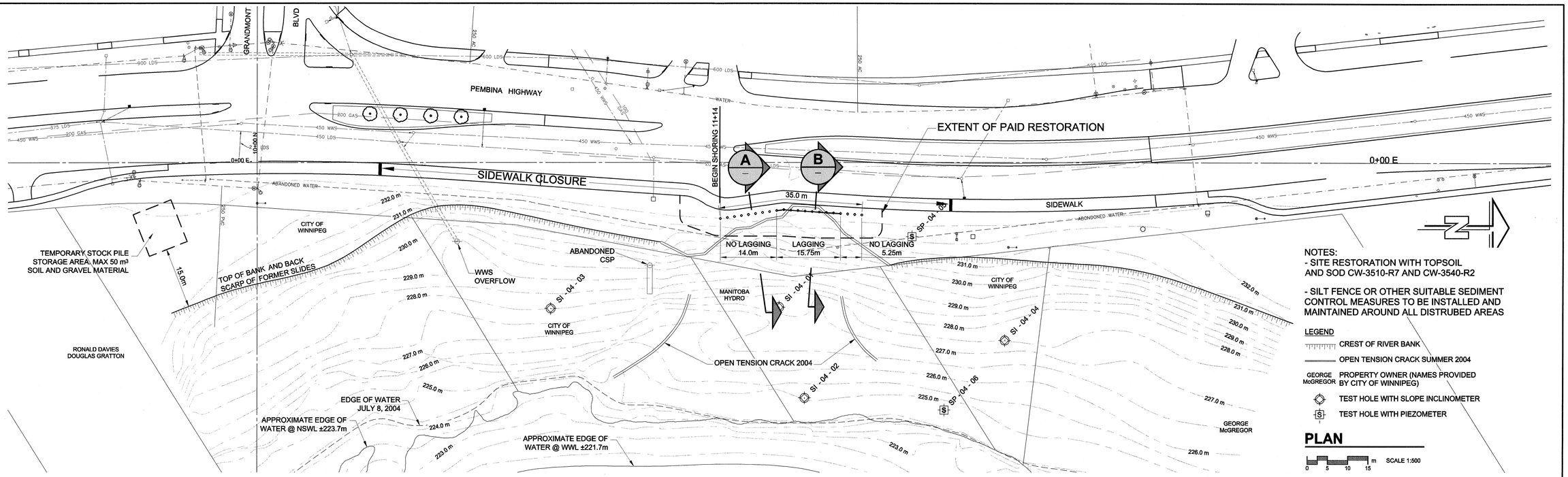
D SIZE 22" x 34" (559mm x 864mm)

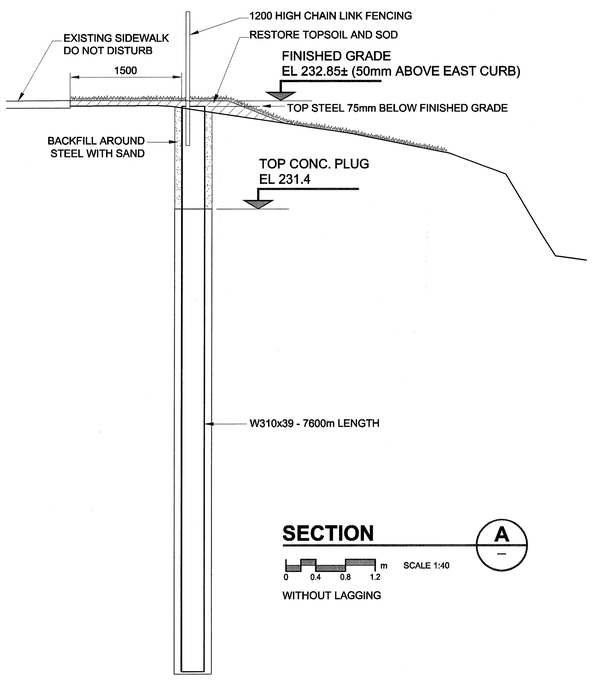


NOTES:
- SITE RESTORATION WITH TOPSOIL AND SOD CW-3510-R7 AND CW-3540-R2
- SILT FENCE OR OTHER SUITABLE SEDIMENT CONTROL MEASURES TO BE INSTALLED AND MAINTAINED AROUND ALL DISTRUBED AREAS

LEGEND
- CREST OF RIVER BANK
- OPEN TENSION CRACK SUMMER 2004
- GEORGE McGREGOR — PROPERTY OWNER (NAMES PROVIDED BY CITY OF WINNIPEG)
- TEST HOLE WITH SLOPE INCLINOMETER
- TEST HOLE WITH PIEZOMETER

PLAN

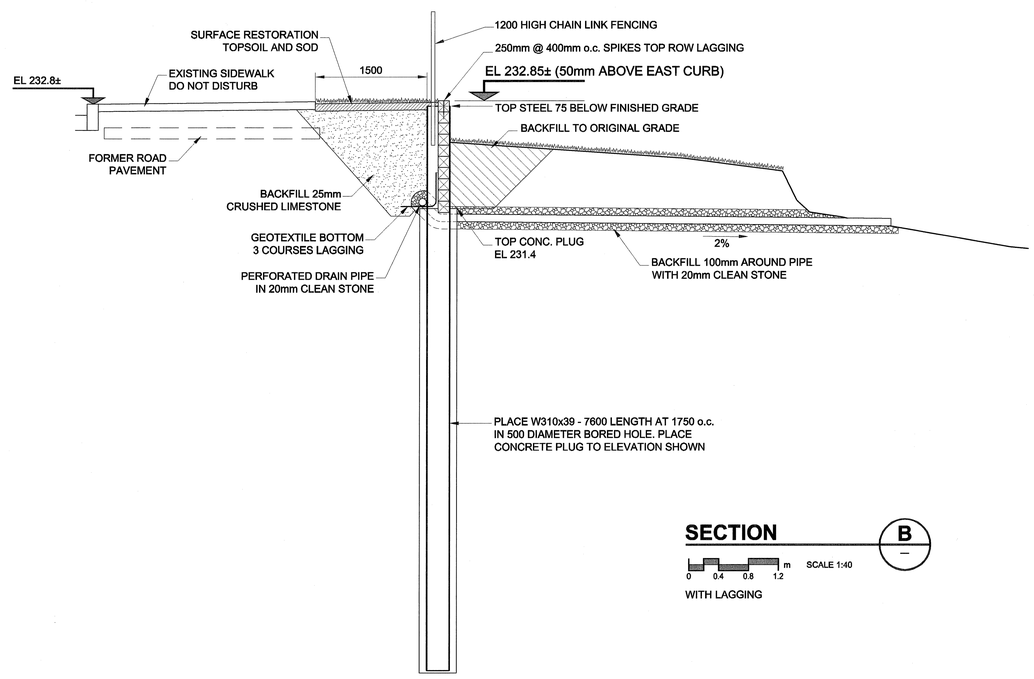
0 5 10 15 m SCALE 1:500



SECTION A

0 0.4 0.8 1.2 m SCALE 1:40

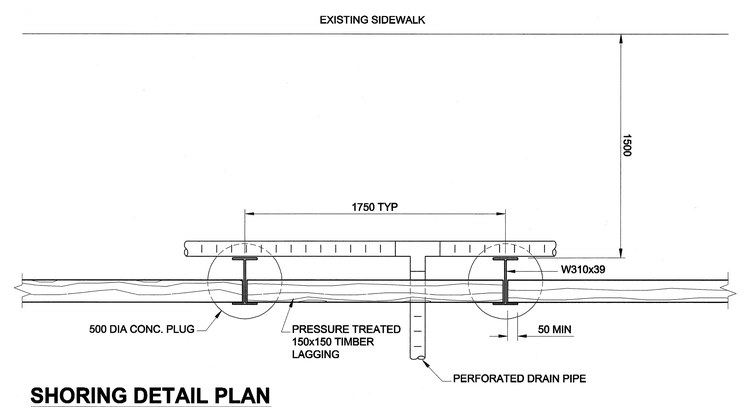
WITHOUT LAGGING



SECTION B

0 0.4 0.8 1.2 m SCALE 1:40

WITH LAGGING



SHORING DETAIL PLAN

0 0.2 0.4 0.6 m SCALE 1:20

APEGM
Certificate of Authorization
UMA Engineering Ltd.
No. 256 Expiry: April 30, 2006

BID OPPORTUNITY NO. 433-2005

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. 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.

NO.	REVISIONS	YY/MM/DD	BY
0	ISSUED FOR CONSTRUCTION	05/07/11	LJV
A	ISSUED FOR CLIENT REVIEW	05/06/23	LJV

UMA | AECOM

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DESIGNED BY	JET	CHECKED BY	
DRAWN BY	LJV	APPROVED BY	
HOR. SCALE	AS NOTED	RELEASED FOR CONSTRUCTION	
VERT. SCALE			
DATE		DATE	2005 07 15

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA — J.E. TALLIN — 14 July 2005 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. 001
0265-371-02

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

RIVERBANK STABILIZATION
PEMBINA HIGHWAY AT GRANDMONT BOULEVARD
PHASE I TEMPORARY SHORING

PLAN AND DETAILS

CITY DRAWING NUMBER
SHEET 1 OF 1
P-3262
REV 0

PLOT: 05/07/14 11:54:15 AM

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