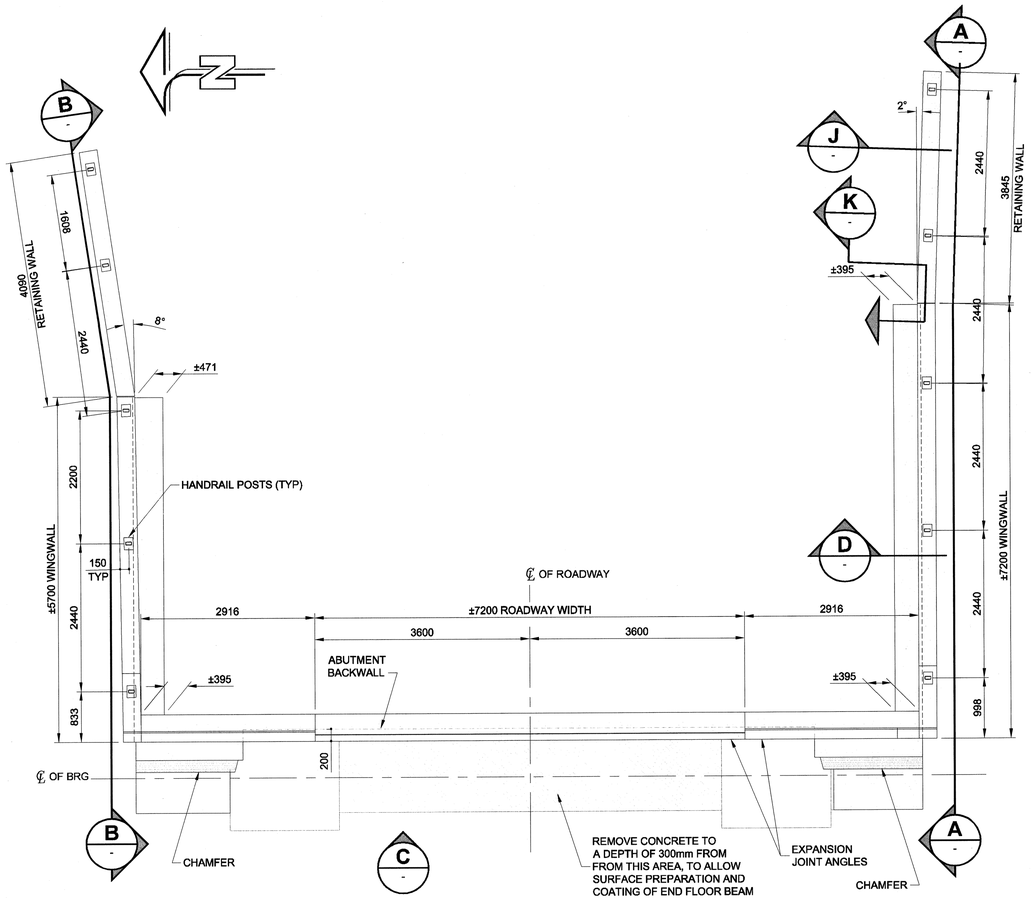
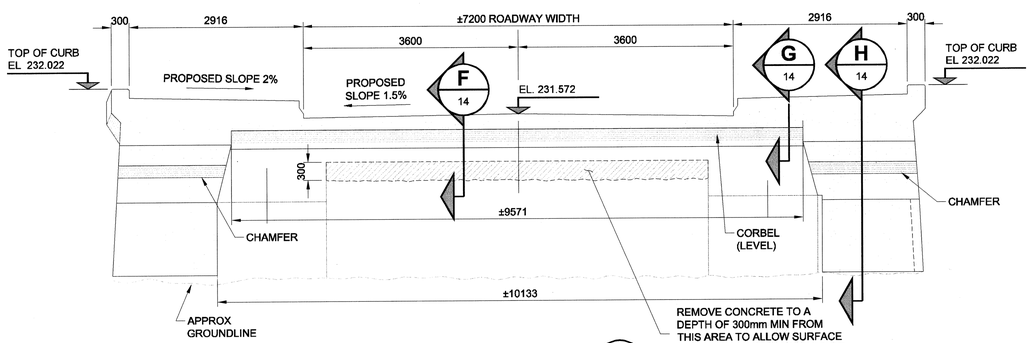
D SIZE 22" x 34" (559mm x 864mm)



EAST ABUTMENT PLAN

SCALE 1:50 (0 500 1000 1500 mm)

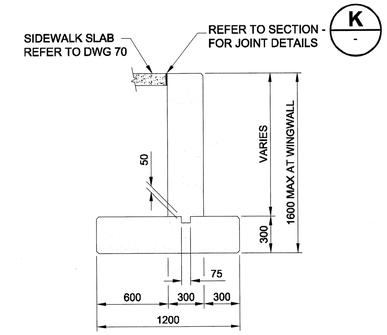
PROPOSED CONCRETE DETAILS



ELEVATION C

SCALE 1:50 (0 500 1000 1500 mm)

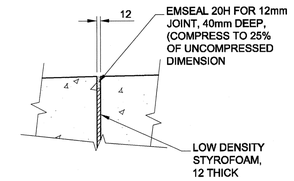
EAST ABUTMENT
PROPOSED CONCRETE DETAILS



SECTION J

SCALE 1:25 (0 250 500 750 mm)

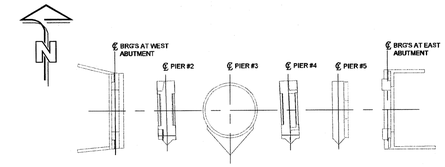
SOUTH RETAINING WALL
NORTH WALL SIMILAR



SECTION K

SCALE 1:10 (0 250 500 750 mm)

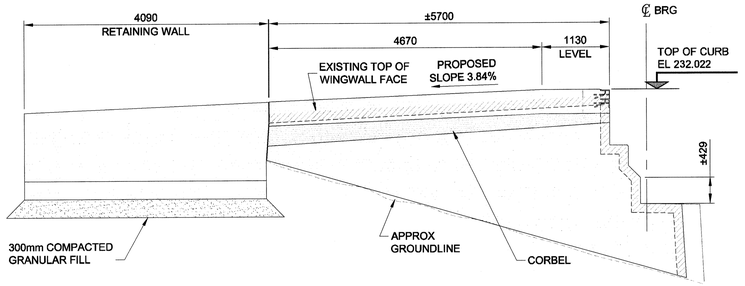
TYPICAL WINGWALL TO RETAINING WALL JOINT



KEY PLAN

SCALE 1:500 (0 1500 3000 4500 mm)

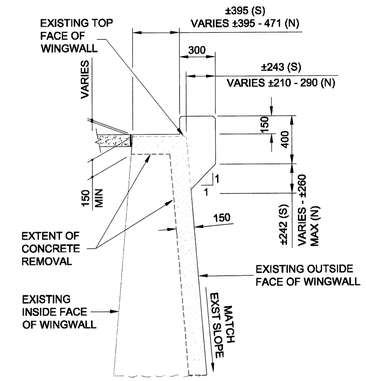
SUBSTRUCTURE - ABUTMENTS & PIERS



ELEVATION B

SCALE 1:50 (0 500 1000 1500 mm)

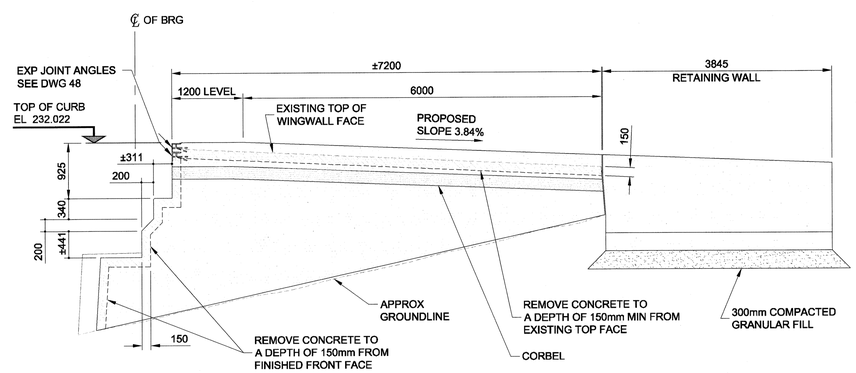
NORTH WINGWALL
PROPOSED CONCRETE DETAILS
DETAILS THE SAME AS SOUTH WINGWALL UNLESS NOTED.



SECTION D

SCALE 1:25 (0 250 500 750 mm)

SOUTH WINGWALL SECTION
CONCRETE LAYOUT
NORTH WINGWALL SIMILAR



ELEVATION A

SCALE 1:50 (0 500 1000 1500 mm)

SOUTH WINGWALL
PROPOSED CONCRETE DETAILS

Tender No. 420-2003

NOTE:

ALL DIMENSIONS SHOWN ON THE DRAWINGS ARE BASED ON AVAILABLE INFORMATION AND RECORD DRAWINGS. THE CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION OR PRIOR TO PREPARATION OF SHOP DRAWINGS. THE CONTRACTOR SHALL MAKE THE APPROPRIATE ADJUSTMENTS TO THE APPLICABLE DETAILS AND DIMENSIONS ACCEPTABLE TO THE CONTRACT ADMINISTRATOR. THE CONTRACTOR SHALL THEN FABRICATE AND CONSTRUCT THE WORKS IN ACCORDANCE WITH THE CORRECTED DIMENSIONS.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM
Certificate of Authorization
UMA Engineering Ltd.
No. 256 Expiry: April 30, 2004

NO.	REVISIONS	YY/MM/DD	BY
B	ISSUED FOR TENDER	03/08/20	CGC
A	ISSUED FOR REVIEW	03/07/04	DL

UMA Engineering Ltd.
• Consulting • Engineering • Construction • Management Services

DESIGNED BY	BLL	CHECKED BY	SBB
DRAWN BY	DL	APPROVED BY	
HOR. SCALE	AS SHOWN	ACCEPTED BY	
VERT. SCALE	AS SHOWN		
DATE	03-08-25	DATE	03-08-26

ENGINEER'S SEAL
PROVINCE OF MANITOBA
B.L. LAU
8/25/2003
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. 12
0265-355-03

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

REDWOOD BRIDGE REHABILITATIVE MAINTENANCE AND RELATED WORKS

EAST ABUTMENT LAYOUT PROPOSED CONCRETE PLAN, ELEVATIONS, SECTIONS AND DETAILS

CITY DRAWING NUMBER B113-03-12

SHEET 12 OF 74

12 REV B

PLOT SCALE 1=1
AutoCAD 15.06 P:\0265\355-03\AutoCAD\S-11 Working Drawings\0265-355-03_01-S-0012_R2X.dwg 2003-08-20 10:48am CGC