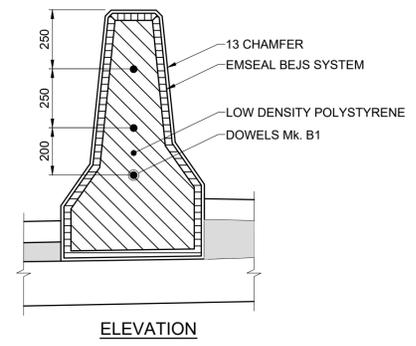
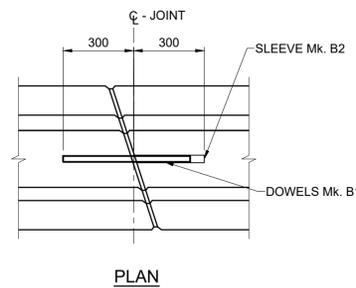
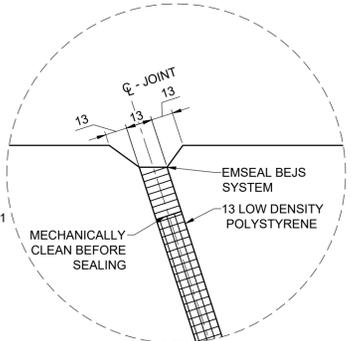
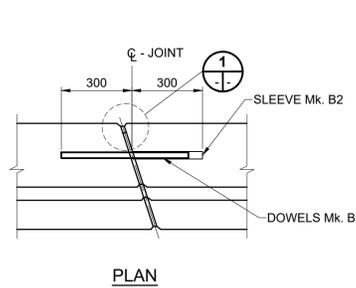
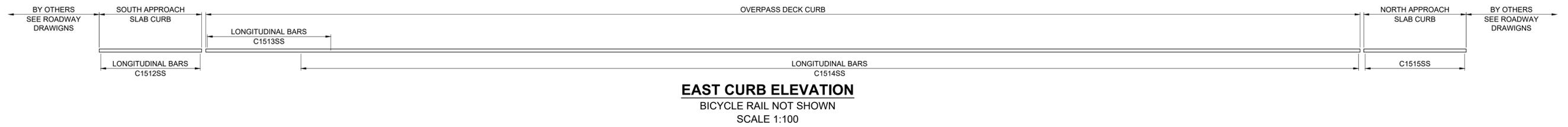
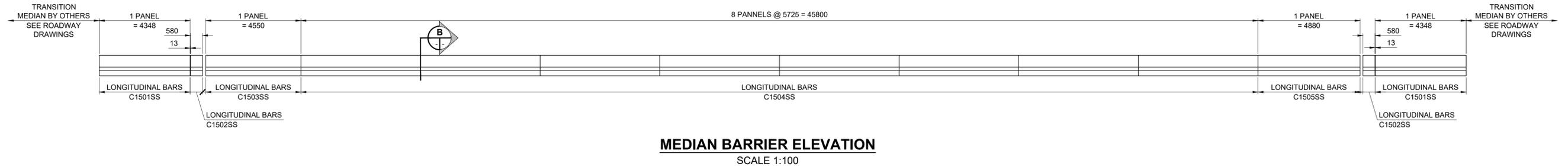
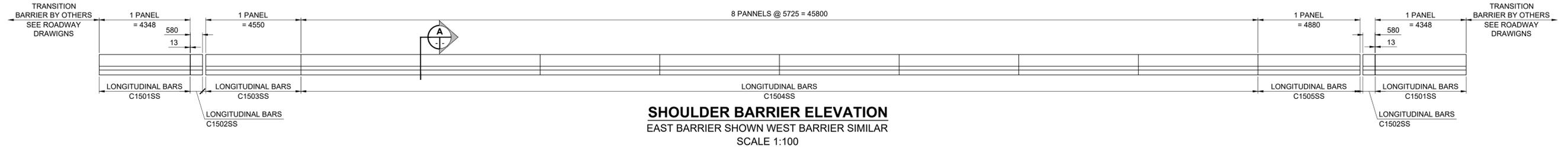


RSD A1 - 594mm x 841mm



BILL OF MISCELLANEOUS METAL						
MARK	NO.	DESCRIPTION	SIZE	COMPONENT MASS (kg)	MASS PER UNIT (kg)	TOTAL MASS (kg)
B1	117	250 X 550 LONG SS BAR	AS DESCRIBED	2.19	2.19	256.23
B2	117	320 X 300 LONG SS EXPANSION SLEEVE	AS DESCRIBED	0.09	0.09	10.53

**SECTION - TYPICAL BARRIER JOINT**  
SCALE: 1:15

**SECTION - TYPICAL MEDIAN JOINT**  
SCALE: 1:15

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BID OPPORTUNITY No. 602-2018



**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

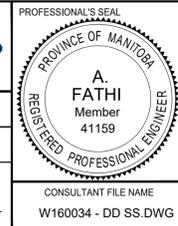
**LOCATION APPROVED**  
UNDERGROUND STRUCTURES

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	DATE	BY
C	ISSUED FOR ADDENDUM 1	18/10/05	BAP
B	ISSUED FOR TENDER	18/09/04	BAP
A	ISSUED FOR 95% DESIGN REVIEW	18/08/07	BAP

<b>MORRISON HERSHFIELD</b>	
DESIGNED BY: AF	CHECKED BY: YM
DRAWN BY: ALP	APPROVED BY: BE
HOR SCALE: AS SHOWN	VERT SCALE: AS SHOWN
DATE: _____	DATE: _____



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

**EMPRESS STREET PROJECT**  
OVERPASS REHABILITATION WORKS  
SUPERSTRUCTURE  
BARRIER ELEVATION AND JOINT DETAILS

CITY DRAWING NUMBER P-3494-108
SHEET 108 OF 169
DRAWING No. REV 108 C