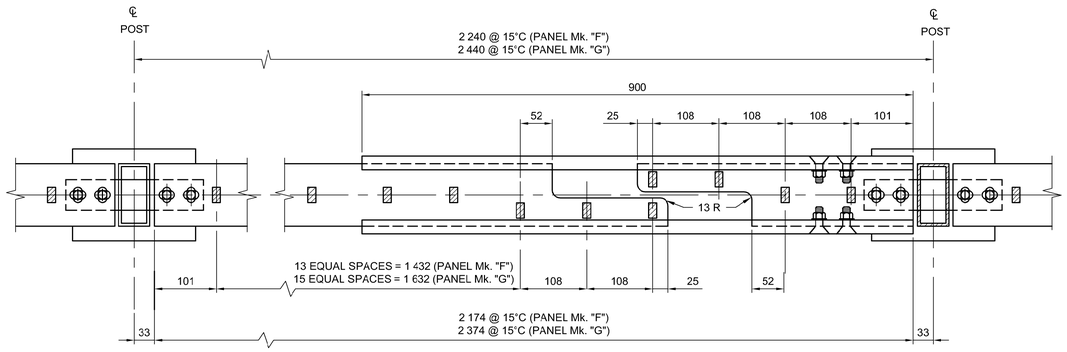
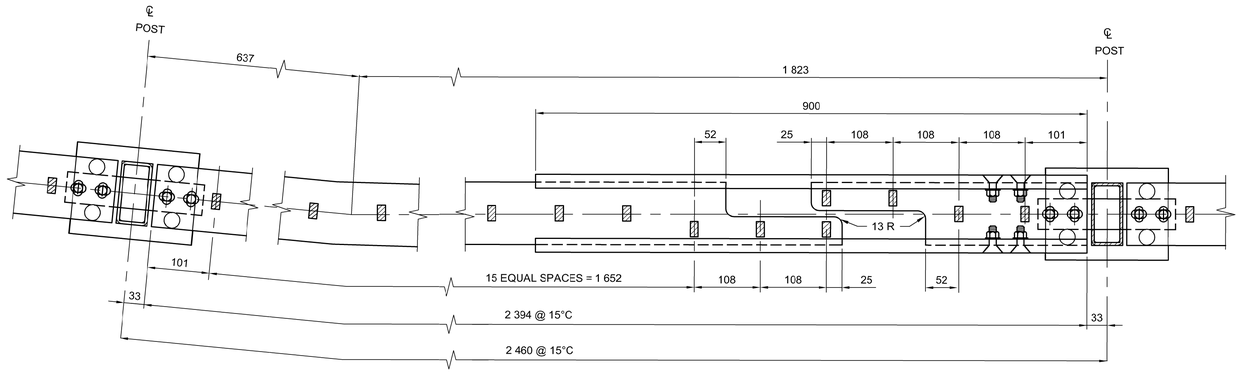
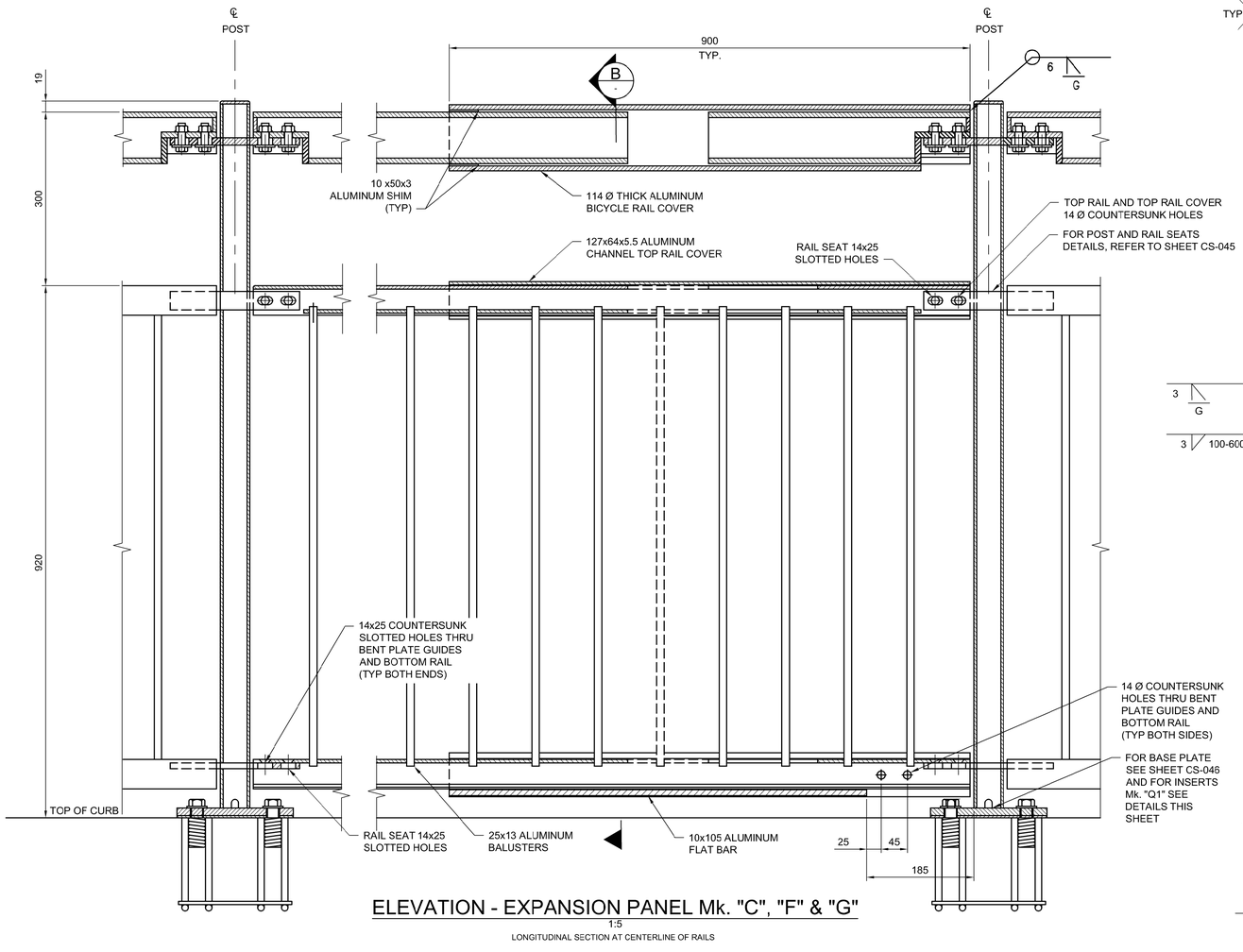


PLAN AT LOWER RAIL - PANEL Mk. "F" & "G"
1:5

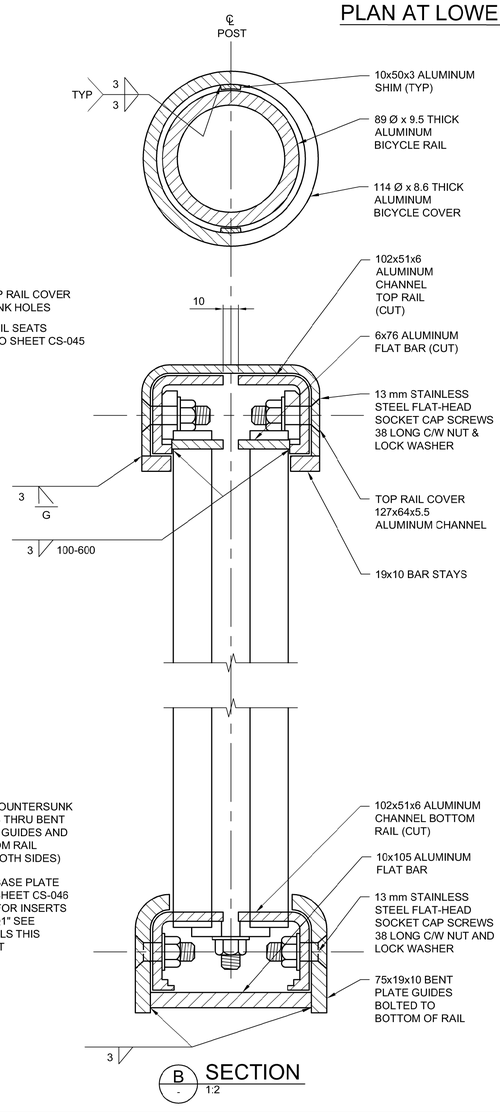


PLAN AT LOWER RAIL - PANEL Mk. "C"
1:5



ELEVATION - EXPANSION PANEL Mk. "C", "F" & "G"
1:5

LONGITUDINAL SECTION AT CENTERLINE OF RAILS



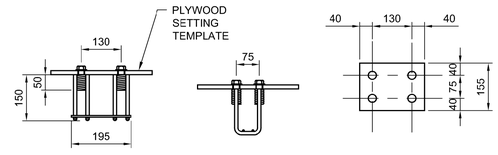
B SECTION
1:2

BILL OF MISCELLANEOUS METAL
FOR LIFE PRESERVER HOOK

MARK	No.	DESCRIPTION	MASS PER UNIT	TOTAL MASS
	1	230 x 32 x 6 THICK ALUM. PLATE. AS DETAILED	0.12	0.12
	1	540 x 25 x 6 THICK ALUM. BENT PLATE. AS DETAILED	0.22	0.22
	4	4 - 13 mm x 45 LG. FLAT HEAD SOCKET CAP SCREW C/W NUT & LOCK WASHER	0.10	0.40
			TOTAL MASS (kg) =	0.74

BILL OF MISCELLANEOUS METAL
FOR CURB & RETAINING WALL HANDRAIL INSERTS

MARK	No.	DESCRIPTION	SIZE	MASS PER UNIT
Q1	79	PRE-SET STAINLESS STEEL ANCHOR UNIT	ANCHOR UNIT C/W 4-25 Ø (TYPE 304 STAINLESS STEEL BOLT) 100 LONG, 8 PLASTIC CAP PLUGS, PLATE, LOCK WASHERS AND PLYWOOD SETTING TEMPLATE (1)	3.32
			TOTAL MASS	262.28 kg



ELEVATION | SIDE ELEVATION | PLYWOOD SETTING TEMPLATE

PRESET ANCHOR UNIT Mk. "Q1"
1:10

NO.	REVISIONS	DATE	BY
1	ADDENDUM #6	18/03/22	DRA
0	ISSUED FOR TENDER	18/02/09	DRA

APEGM
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: 2018/02/09

DILLON CONSULTING

DESIGNED BY	DRA	CHECKED BY	SSR
DRAWN BY	NBG / DB	APPROVED BY	MBL
HOR. SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERTICAL	AS SHOWN		
DATE	2018/02/09	DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
D.R.C. AMORIM
Member 33215
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NUMBER
17-5932

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

FERMOR AVENUE BRIDGE OVER SEINE RIVER
BRIDGE REHABILITATION, PEDESTRIAN-CYCLIST UNDERPASS STRUCTURE AND ROADWORKS FROM ST. ANNE'S ROAD TO ARCHIBALD STREET

CITY DRAWING NUMBER: B-118-2017-CS-044
SHEET 044 OF 100

ALUMINUM PEDESTRIAN HANDRAIL
DETAILS 1 OF 3

CONSULTANT DRAWING NUMBER: CS - 044

G:\CAD\175932\Drawings\Structural\Contract\BRIDGE\175932-BRIDGE-CON-CS-PED HANDRAIL DETAILS 1.dwg