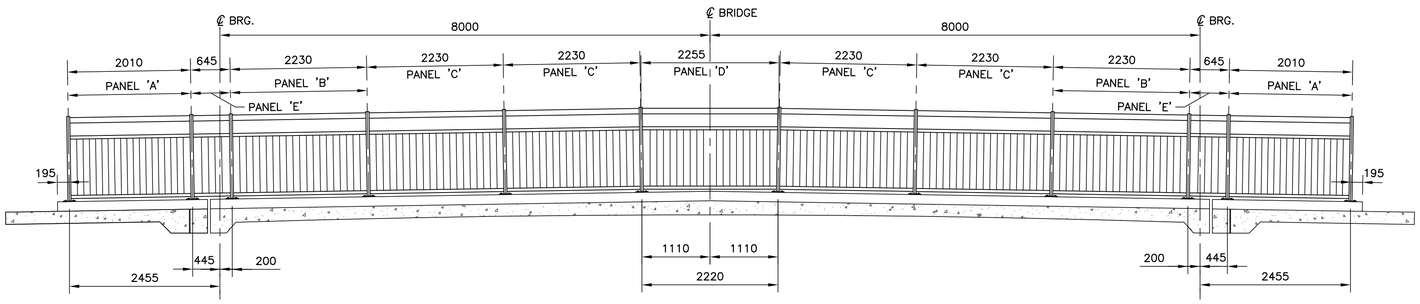
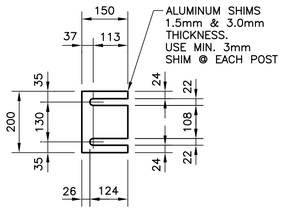


ELEVATION – PEDESTRIAN HANDRAIL (LOOKING NORTHEAST)

SCALE: 1:50

NORTHEAST SIDE OF BRIDGE

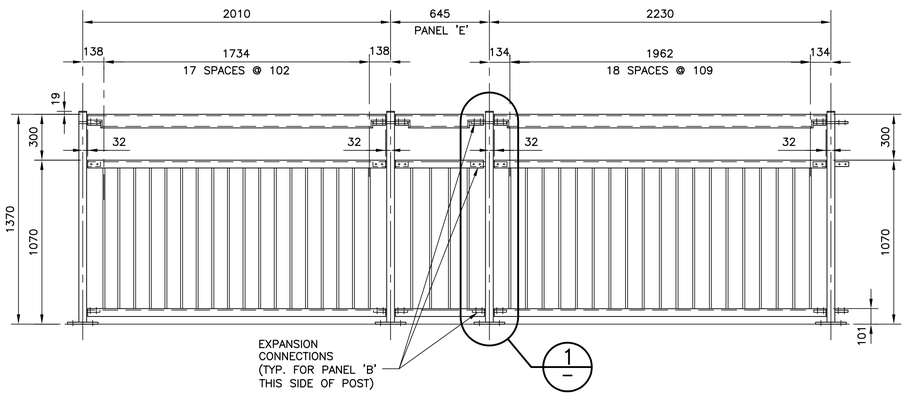


PEDESTRIAN POST SHIM

SCALE: 1:10

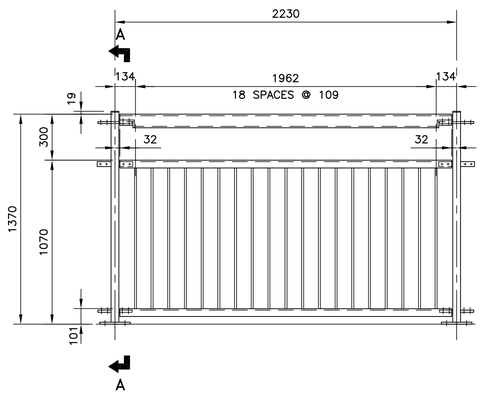
NOTES:

1. ALUMINUM ALLOY EXTRUDED BAR AND SHAPES SHALL CONFORM TO THE REQUIREMENTS OF ASTM B221M–83 ALLOY 6061–T6 OR ALLOY 6351–T6.
2. ALUMINUM ALLOY SHEET AND PLATE SHALL CONFORM TO THE REQUIREMENTS OF ASTM B209M–83 ALLOY 6061–T6 OR ALLOY 6351–T6.
3. ALUMINUM FILLER ALLOYS FOR WELDED CONSTRUCTION SHALL BE ONE OF THE FOLLOWING: ER4043, ER5183, ER5356, ER5554, ER5556, AND ER5654.
4. DRILL AND TAP HOLES FOR STAINLESS STEEL FLAT HEAD SOCKET CAP SCREWS.
5. INSTALL STAINLESS STEEL CAP SCREWS THROUGH ENTIRE THICKNESS OF ADJOINING MEMBER, THEN CUT AND GRIND FLUSH.



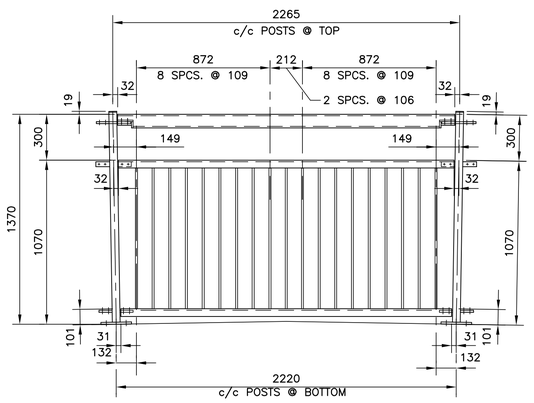
PANEL 'A' (4 REQUIRED)

SCALE: 1:20



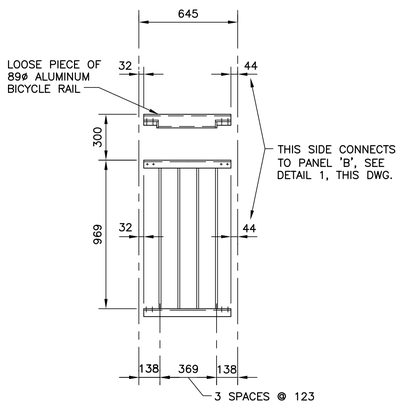
PANEL 'B' (4 REQUIRED)

SCALE: 1:20



PANEL 'C' (8 REQUIRED)

SCALE: 1:20

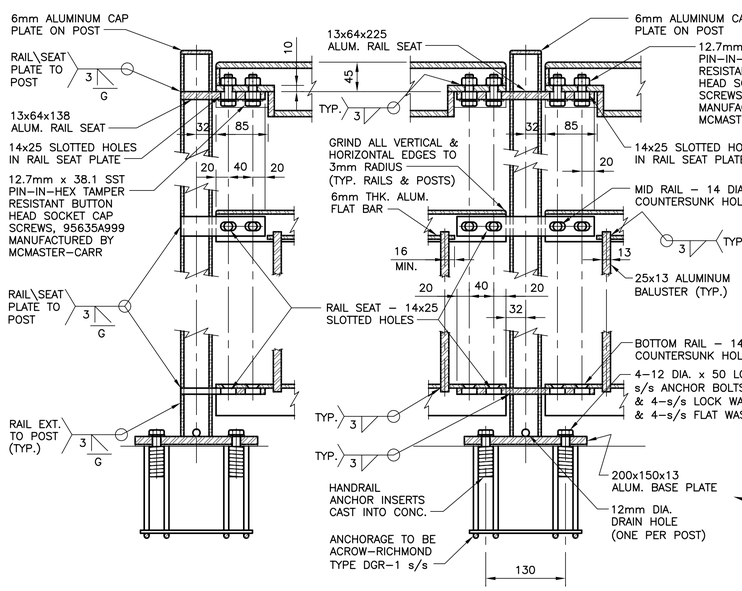


PANEL 'D' (2 REQUIRED)

SCALE: 1:20

PANEL 'E' (4 REQUIRED)

SCALE: 1:20



ELEVATON – END POST

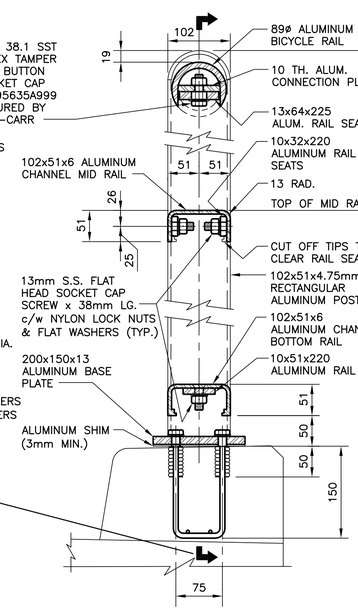
SCALE: 1:5

(TYPICAL FOR PANEL 'A' – 4 POSTS TOTAL)

ELEVATON – MID POST

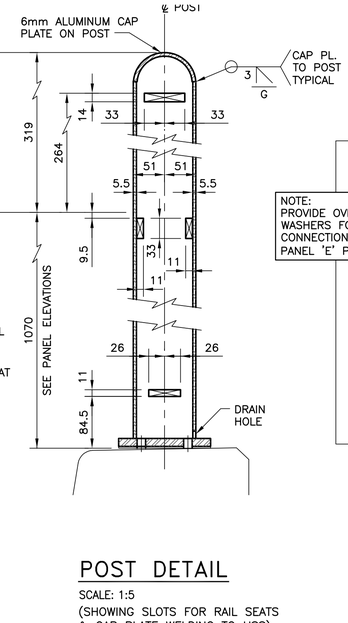
SCALE: 1:5

(TYPICAL EXCEPT FOR POST CONNECTIONS AT PANEL 'E'. SEE DETAIL '1' FOR DETAILS)



SECTION A–A

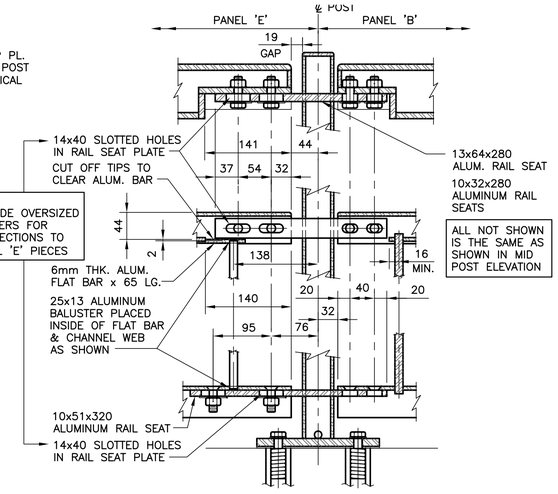
SCALE: 1:5



POST DETAIL

SCALE: 1:5

(SHOWING SLOTS FOR RAIL SEATS & CAP PLATE WELDING TO HSS)



1 – DETAIL

SCALE: 1:5

(TYPICAL FOR PANEL 'B', AT PANEL 'E' LOCATIONS)

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

1000 0 1000 2000 3000 4000
SCALE: 1:50 METRIC A1
1:100 METRIC A3

400 0 400 800 1200 1600
SCALE: 1:20 METRIC A1
1:40 METRIC A3

200 0 200 400 600 800
SCALE: 1:10 METRIC A1
1:20 METRIC A3

100 0 100 200 300 400
SCALE: 1:5 METRIC A1
1:10 METRIC A3

APEGM
Certificate of Authorization
KGS Group
No. 245 Date: 10/05/03

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	10/05/03	RJL

B.M. XX–XXX
ELEV. XXX.XXX

KGS GROUP CONSULTING ENGINEERS
SCATLIFF + MILLER + MURRAY Inc.
TEL 204 9213444 FAX 204 9213463
8 – 136 MARKET AVENUE WINNIPEG, MB, CANADA

DESIGNED BY	RJL	CHECKED BY	
DRAWN BY	JF	APPROVED BY	
SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION:	
DATE	10/03/29	DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
R.J. LONG
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
295–2010 B238–10–01

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

2010 ACTIVE TRANSPORTATION / INFRASTRUCTURE STIMULUS PROGRAM
TRURO CREEK BRIDGE
ALUMINUM PEDESTRIAN HANDRAIL

SHEET 32 OF 35
CAD FILE DRAWING NUMBER 09–0107–21–32
CITY DRAWING NUMBER B238–10–01

P:\Projects\2009\09–0107–21\Dwg\Struct\Working Dwgs\09–0107–21–32.Rev.0.dwg – Tab: 32 Plotted By: GLoewen 05/04/2010 [Tue 1:54pm]
COWLEGEND