

BARRIER GATE MAIN HOUSING:

BARRIER GATE RECEIVER:

TRAFFIC GATE:

PEDESTRIAN GATE:

Fz (WIND/CRASH LOAD)

F_y (SELF WEIGHT)

Mx-x (WIND LOAD)

F_x (CRASH LOAD)

Ty-y (WIND/CRASH LOAD)

8"Ø (22.2mm)
THREADED
(P.)

— Q NEW 1 1/4"Ø (31.75mm)
A490 BOLT (SEE MECH. DRAWINGS)

Q NEW 7/8"Ø (22.2mm)
WELDED THREADED
STUD (TYP.)

Q NEW 1 1/4"Ø (31.75mm)
A490 BOLT (SEE MECH. DRAWINGS)

NEW L4x3 1/2x1/2 (BOTH
SIDES OF WEB) (TYP.)


EXISTING W12x40

④ NEW 7/8"Ø (22.2mm)
 HSB (A325)
 (TYP.)

TIGHT
(TYP.)

Q NEW 7/8"Ø (22.2mm)
WELDED THREADED
STUD (TYP.)

NEW L4x4x1/2 (BOTH
SIDES OF WEB) (TYP.




SCALE 2"=1'-0"

TIGHT
(TYP.)

Q NEW 7/8"Ø (22.2mm)
WELDED THREADED
STUD (TYP.)

- NEW L4x4x1/2 (BOTH
SIDES OF WEB) (TYP.)



SCALE 2"=1'-0"

Public Works and
Government Services Canada
Architectural and Engineering Services
Ontario Region

Travaux publics et
Services gouvernementaux Canada
Services d'architecture et de génie
Région de l'Ontario

**PARSONS
BRINCKERHOFF**

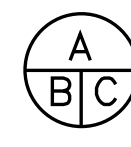
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212xS149D

06	FOR TENDER	2013-06-04
05	FINAL DESIGN COMPLETION	2013-05-31
04	99% DESIGN COMPLETION	2013-05-31
03	90% DESIGN SUBMITTAL NOT FOR CONSTRUCTION	2013-03-31
02	68% DESIGN SUBMITTAL NOT FOR CONSTRUCTION	2013-02-14
01	33% DESIGN SUBMITTAL NOT FOR CONSTRUCTION	2012-12-10
revision		date

Do not scale drawings.
Verify all dimensions and conditions on site and immediately notify the Departmental Representative of all discrepancies.



A	Detail No. No. du détail
B	drawing no. - where detail required dessin no. - où détail exigé
C	drawing no. - where detailed dessin no. - où détaillé

project title titre du projet	
HAMILTON BURLINGTON CANAL VERTICAL LIFT BRIDGE	ONTARIO
REPLACEMENT OF CONTROLS, DRIVES AND OVERHEAD CABLES	

drawing title
titre du dessin

LOAD TABLE AND DETAILS

drawn by
dessine par

designed by
conc par

approved by
approuvé par M. VANDEREE

bid soumission	A. GHUBRIL	project manager administrateur de projets
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project date date du projet	2013-03-31
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project no. no. du projet	R.012641.001
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drawing no.
dessine no. S-13