

**NEW PARTIAL PLAN**NORTH MACHINERY ROOM SHOWN  
SOUTH SIMILAR AND OPPOSITE HAND

SCALE 1/2"=1'-0"

**NOTES:**

1. SEE STRUCTURAL PLANS FOR FLOOR PREPARATION DETAILS.
2. SHIMS, FASTENERS, NUTS, WASHERS, KEYS, SET SCREWS, LEVELING SCREWS, GROUT, FILL PLATES, BREATHERS, GREASE FITTINGS, LUBRICANTS, AND OPERATING FLUIDS ARE CONSIDERED ANCILLARY TO THE LISTED EQUIPMENT AND SHALL BE PROVIDED WITH THE COMPONENTS AS REQUIRED.

MECHANICAL EQUIPMENT SCHEDULE	
COMPONENT	QUANTITY
GEARBOX	2 - ONE LEFT HAND AND ONE RIGHT HAND
MOTOR BRAKE	5 - TWO LEFT HAND AND THREE RIGHT HAND (ONE RIGHT HAND AS SPARE)
15" [381mm] BRAKE WHEEL	4
19" [483mm] BRAKE WHEEL/COUPLING	5 (ONE AS SPARE)
MOTOR PEDESTAL	4
GEARBOX PEDESTAL	2
FLOATING SHAFT GEAR COUPLING	2 COMPLETE ASSEMBLIES PLUS 2 FLEXIBLE COUPLING HALVES FOR INSTALLATION ON SPARE FLOATING SHAFT ASSEMBLIES.
SINGLE ENGAGEMENT GEAR COUPLING	2
FLEXIBLE GEAR COUPLING HALF FOR SPARE FLOATING SHAFTS	2
JAW COUPLING	3 (ONE AS SPARE)



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**

2300 YONGE STREET, SUITE 2300  
TORONTO, ONTARIO  
CANADA M4P 1E4  
PHONE: 416-487-5256 FAX: 416-487-9766  
WWW.PBWORLD.COM



Professional Engineers  
Ontario

**Temporary Licensee**

Name: Michael Elza  
Number: 100181046-02  
Limitations: Mechanical system design for the Burlington  
Canal Bridge in Burlington, Ontario for Public Works and  
Government Services Canada  
Collaborator: Caryl Ng, P. Eng.  
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Michael J. Elza 2013-06-04



06	FOR TENDER	2013-06-04
05	FINAL DESIGN COMPLETION	2013-05-31
04	99% DESIGN COMPLETION	2013-05-31
03	90% DESIGN SUBMITTAL	2013-03-31
02	66% DESIGN SUBMITTAL	2013-02-14
01	33% DESIGN SUBMITTAL	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**  
**REPLACEMENT OF CONTROLS, DRIVES AND OVERHEAD CABLES**  
ONTARIO

drawing title  
titre du dessin  
**MECHANICAL EQUIPMENT LAYOUT PLAN**

drawn by dessiné par	J. PEREZ
designed by conc par	M. ELZA
approved by approuvé par	M. VANDEREE
bid soumission	A. Ghubril
project manager administrateur de projets	
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