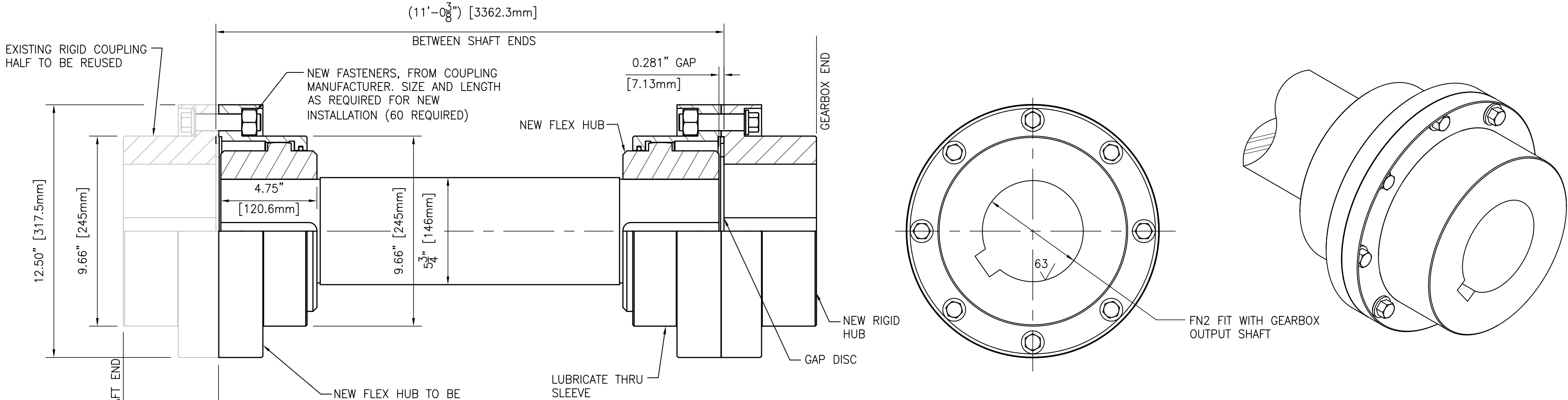


SINGLE ENGAGEMENT GEAR COUPLING DETAIL

GEAR COUPLING MINIMUM TORQUE RATING 190,000 IN-LB [21,467 Nm]
COUPLINGS TO HAVE SHROUDED BOLTS
(2 COMPLETE ASSEMBLIES REQUIRED,
2 ADDITIONAL FLEX HALVES REQUIRED
FOR INSTALLATION ON SPARE FLOATING SHAFT ASSEMBLIES)

JAW COUPLING DETAIL
SCALE: 1:2
ELASTOMER "L" TYPE JAW COUPLING WITH OPEN CENTER
RUBBER SPIDER
MINIMUM TORQUE RATING 2,200 IN-LB [249 Nm]
(3 REQUIRED-1 AS SPARE)





FLOATING SHAFT GEAR COUPLING DETAIL

SCALE: 3"=1'-0"
GEAR COUPLING MINIMUM TORQUE RATING 190,000 IN-LB [21,467 Nm]
COUPLING TO HAVE SHROUDED BOLTS
(2 REQUIRED)

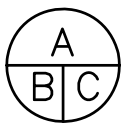
- NOTES:
1. EXISTING FLOATING SHAFT GEAR COUPLINGS ARE HAMILGEAR 5F. NEW FLEXIBLE HUB COUPLING HALVES TO BE DRILLED AND REAMED TO MATCH. SPARE FLOATING SHAFT COUPLING MAY BE USED AS TEMPLATE
 2. ALL COUPLING AND BRAKEWHEEL CONNECTIONS TO BE FURNISHED WITH NEW SQUARE KEYS.

**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.
Expiry Date: July 31, 2019
Association of Professional Engineers of Ontario
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 ONTARIO
**REPLACEMENT OF CONTROLS,
DRIVES AND OVERHEAD CABLES**

drawing title
titre du dessin
**MECHANICAL EQUIPMENT
GENERAL DETAILS 1 of 2**

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

project date
date du projet
2013-05-31

project no.
no. du projet
R.012641.001

drawing no.
dessiné no.
H-08