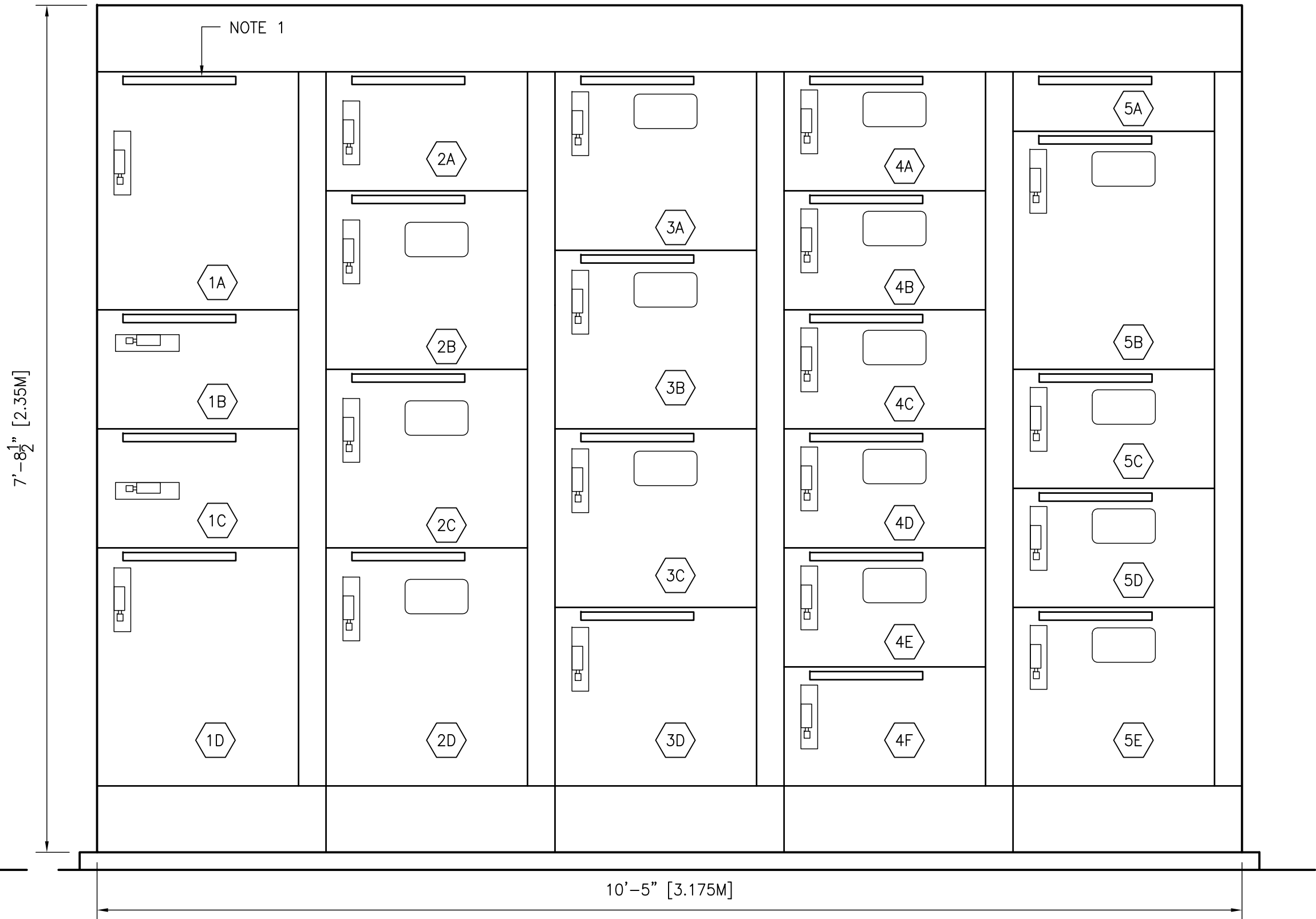


SOUTH MOTOR CONTROL CENTRE

SCALE: 1"=1'-0"

SOUTH MCC SCHEDULE

UNIT LOC	NAMEPLATE DESIGNATION	UNIT TYPE	SIZE	HP	FRAME AMPS	TRIP AMPS
1A	600 AMP MCB	MAIN BREAKER			600	600
1B	LP-2	BREAKER			100	30
1C	SOUTH PIER LIGHTHOUSE POWER	BREAKER			150	30
1D	VECTOR DRIVE E1-SL	BREAKER		200	400	350
2A	DIFFERENTIAL LOCK, DIFL-S	MCP FVR	1	1/2	100	18
2B	1/2 HP REVERSING PG-SW	MCP FVNR	1	1/2		18
2C	20 HP AUX DRIVE MOTOR	BREAKER		20	100	60
2D	VECTOR DRIVE 2W-MA	BREAKER		200	400	350
3A	5 HP REVERSING SPAN LOCK	MCP FVR	1	5		90
3B	1.5 HP REVERSING BG-SE	MCP FVR	1	1.5		30
3C	1 HP REVERSING TG-SE	MCP FVR	1	1		18
3D	1 HP REVERSING TG-SW	MCP FVR	1	1		18
4A	CONTROLNET TO DEVICENET LINKING UNIT					
4B	1/3 HP MOTOR BRAKE S1	MCP FVNR	1	1/3		18
4C	3/4 HP MACHINERY BRAKE S2	MCP FVNR	1	3/4		18
4D	3/4 HP MACHINERY BRAKE S3	MCP FVNR	1	3/4		18
4E	1/3 HP MACHINERY BRAKE S4	MCP FVNR	1	1/3		18
4F	ELEVATOR	BREAKER			100	50
5A	SPACE (DOOR)					
5B	MACHINE ROOM SPACE HEATER	BREAKER			100	60
5C	MOTOR BLOWER BL-1E	MCP FVNR	1	3	100	42
5D	MOTOR BLOWER BL-2W	MCP FVNR	1	3	100	42
5E	NETWORK POWER SUPPLY UNIT	POWER SUPPLY			150	



NORTH MOTOR CONTROL CENTRE

SCALE: 1"=1'-0"

NORTH MCC SCHEDULE

UNIT LOC	NAMEPLATE DESIGNATION	UNIT TYPE	SIZE	HP	FRAME AMPS	TRIP AMPS
1A	600 AMP MCB	MAIN BREAKER			600	600
1B	LP-4	BREAKER			100	15
1C	LP-3	BREAKER			100	20
1D	VECTOR DRIVE 3E-MA	BREAKER			200	350
2A	DIFFERENTIAL LOCK DIFL-N	MCP FVR	1	1/2		18
2B	1/2 HP REVERSING PG-NW	MCP FVR	1	1/2		18
2C	20 HP AUX DRIVE MOTOR	BREAKER		20	100	60
2D	VECTOR DRIVE 4W-SL	BREAKER		200	400	350
3A	5 HP REVERSING SPAN LOCK	MCP FVR	1	5		90
3B	1.5 HP REVERSING BG-NE	MCP FVR	1	1.5		30
3C	1 HP REVERSING TG-NE	MCP FVR	1	1		18
3D	1 HP REVERSING TG-NW	MCP FVR	1	1		18
4A	CONTROLNET TO DEVICENET LINKING UNIT					
4B	1/3 HP MOTOR BRAKE N1	MCP FVNR	1	1/3		15
4C	3/4 HP MACHINERY BRAKE N2	MCP FVNR	1	3/4		18
4D	3/4 HP MACHINERY BRAKE N3	MCP FVNR	1	3/4		18
4E	1/3 HP MOTOR BRAKE N4	MCP FVNR	1	1/3		15
4F	ELEVATOR	BREAKER			100	50
5A	SPACE (DOOR)					
5B	MACHINE ROOM SPACE HEATER	BREAKER			100	60
5C	MOTOR BLOWER BL-3E	MCP FVNR	1	3	100	42
5D	MOTOR BLOWER BL-4W	MCP FVNR	1	3	100	42
5E	NETWORK POWER SUPPLY UNIT	POWER SUPPLY			150	

NOTES:
1. PROVIDE NAMEPLATE FOR EACH COMPARTMENT-TYPICAL

**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: Mark VanDeRee
Number: 100181047-02
Limitations: Electrical system design for the Burlington Canal Bridge in Burlington, Ontario for Public Works and Government Services Canada

Collaborator: Zvonko Trajkovic, P. Eng.
Expiry Date : July 31, 2013
Association of Professional Engineers of Ontario

Mark VanDeRee 2013-07-08



07	FOR TENDER 2	2013-06-30
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

B

C

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
ELECTRICAL EQUIPMENT ELEVATIONS

drawn by
dessiné par
J. Perez

designed by
conc par
G. Patino/B. Crouthamel

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.
E-76