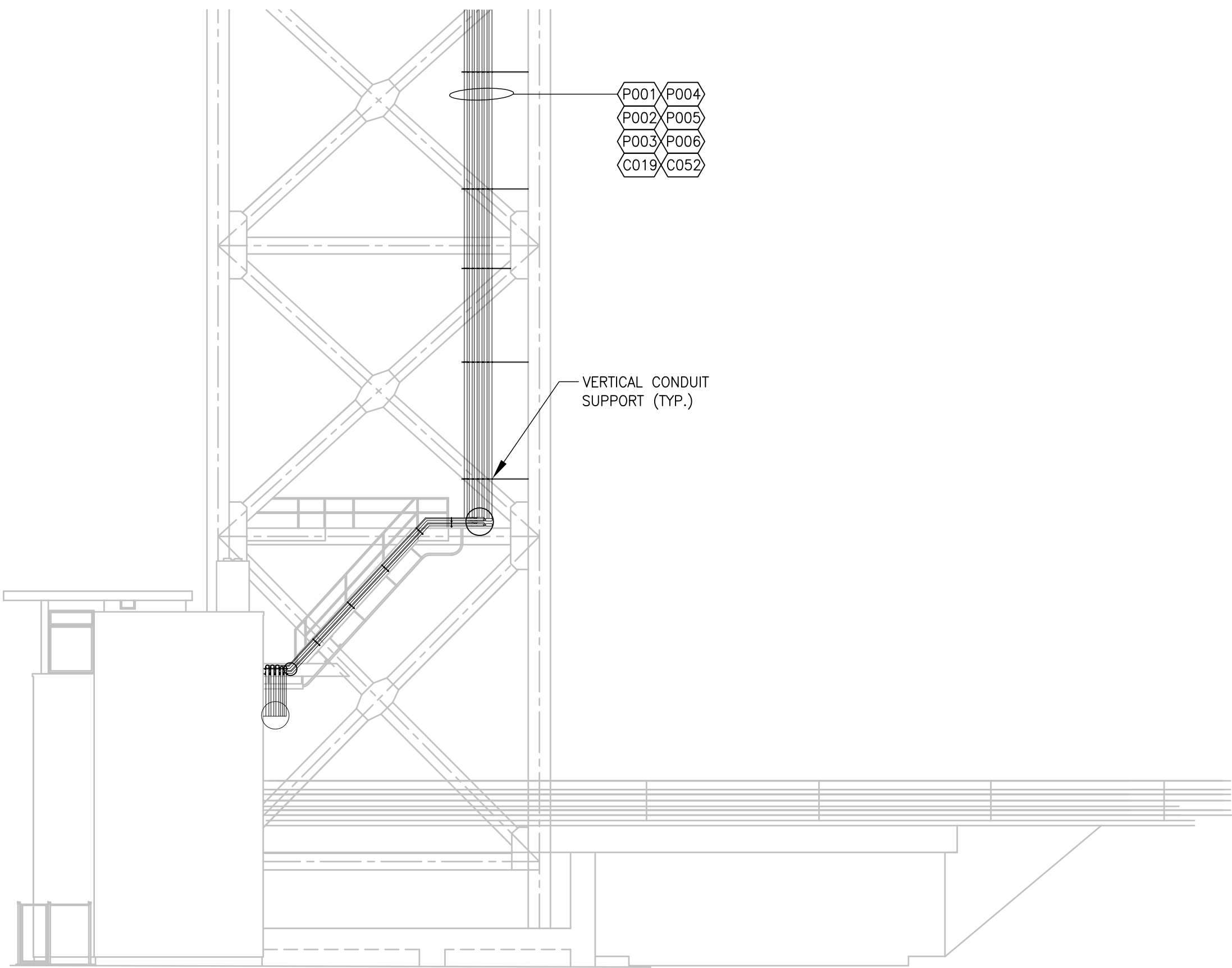


SOUTH ELEVATION



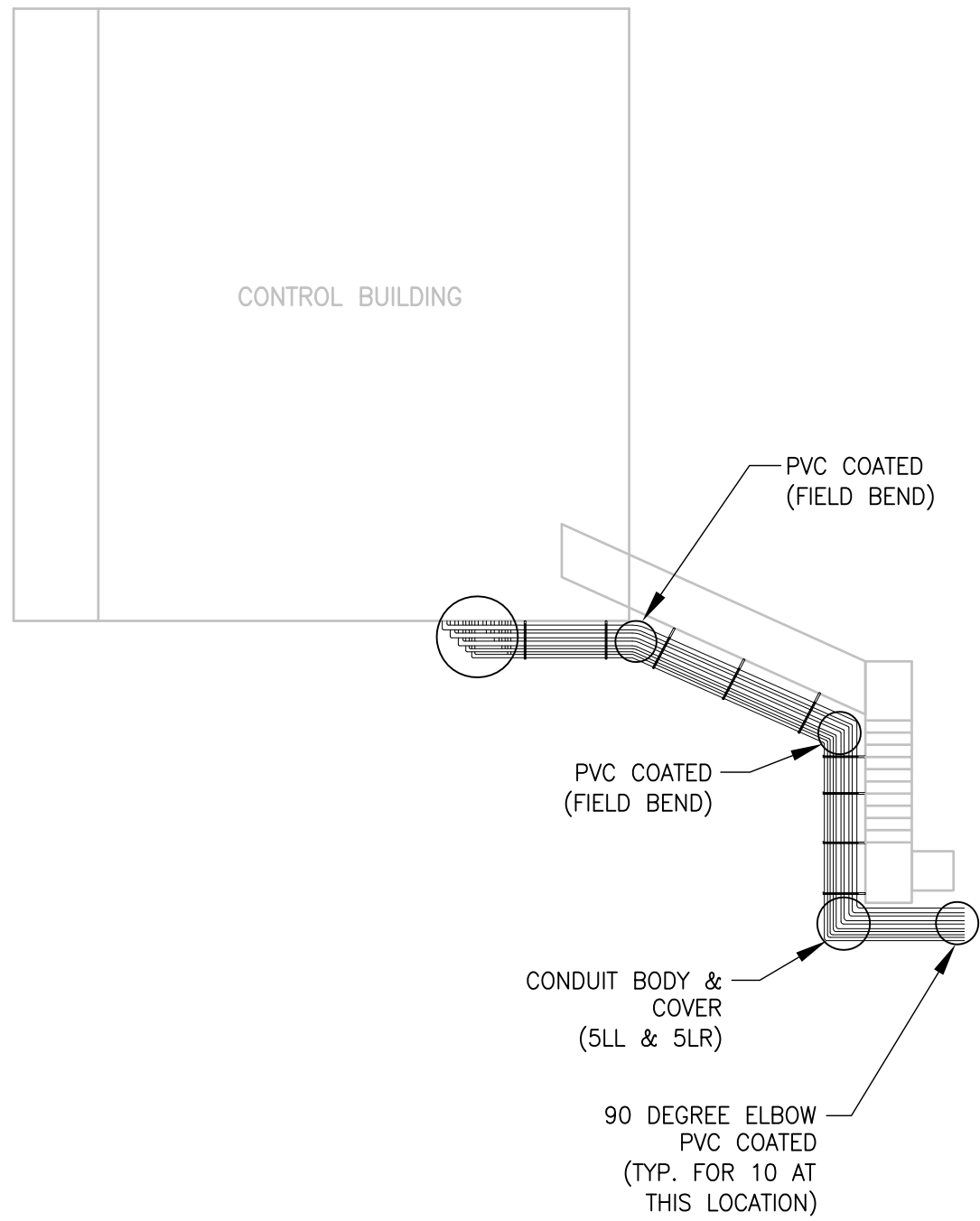
WEST ELEVATION

NOTE:


1. ALL CONDUIT RUNS AND EQUIPMENT LOCATIONS, UNLESS SPECIFICALLY DIMENSIONED, ARE APPROXIMATE ONLY. EXACT LOCATION SHALL BE DETERMINED IN THE FIELD AND SHALL CLEAR ALL OBSTRUCTIONS.
2. ALL CONDUIT ROUTING SHOWN ARE DIAGRAMMATIC. EXACT ROUTING OF ALL CONDUITS SHALL BE DETERMINED IN THE FIELD TO MINIMIZE LENGTH OF RUN AND AVOID PHYSICAL INTERFERENCES. FIELD VERIFY THE LOCATIONS OF ALL ELECTRICAL EQUIPMENT.
3. NOT ALL CONDUIT ROUTING ARE SHOWN ON THE PLAN. FOR ALL CONDUITS AND CABLE SIZES, REFER TO THE CONDUIT AND CABLE SCHEDULES, ON DRAWINGS E-86 THRU E-89.
4. ALL ELECTRICAL PULL BOXES AND JUNCTION BOXES SHALL BE STAINLESS STEEL, TYPE 316 AND SHALL BE RATED NEMA 4X.
5. ALL CONDUIT AND FITTING SHALL BE RIGID GALVANIZED STEEL PVC COATED.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PULL BOXES REQUIRED TO FACILITATE THE ROUTING AND PULLING OF CONDUITS AND WIRES.
7. WHENEVER THE NUMBER OF CONDUIT BENDS EXCEEDS 180° AND NO SPLICE IS INVOLVED, THE CONTRACTOR SHALL USE MOGUL TYPE FITTINGS.

NOTES (CONTINUED):

8. POWER FEEDERS P001 AND P002 GOING UP THE SOUTH TOWER STRUCTURE SHALL BE SURFACE MOUNTED UNDERNEATH THE MOTOR ROOM FLOOR AND STUBBED UP INSIDE THE SOUTH TOWER MCC. POWER FEEDERS P003, P004, P005, AND P006 GOING UP THE SOUTH TOWER STRUCTURE SHALL BE STUBBED UP AT THE LOCATION OF THE SOUTH TOWER POWER TERMINAL CABINET. POWER AERIAL FEEDERS P007, P008, P009, P010, P011, AND P012 LEAVING THE SOUTH TOWER POWER TERMINAL CABINET SHALL PENETRATE THE SOUTH MOTOR ROOM FLOOR, LAY ON THE EXISTING SOUTH TOWER CABLE TRAY, AND SUSPENDED FROM THE SOUTH TOWER TO THE NORTH TOWER. POWER AERIAL CABLES GOING TO THE NORTH TOWER SHALL BE LAID ON THE EXISTING NORTH TOWER CABLE TRAY, AND TERMINATED AT THE NORTH MOTOR ROOM ATS.
9. ALL EXISTING WIRING FOR CCTV SYSTEM, PA SYSTEM, AND FIRE PROTECTION SYSTEM SHALL REMAIN. THESE SYSTEMS SHALL BE OPERATIONAL DURING THE CONSTRUCTION PERIOD.



CONTROL BUILDING ELEVATION CONDUIT ROUTING



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

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**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

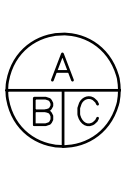
Collaborator: Zvonko Trajkovic, P. Eng.  
Expiry Date : July 31, 2013  
Association of Professional Engineers of Ontario

*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 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  
**CONTROL BUILDING ELEVATION  
CONDUIT ROUTING**

drawn by  
dessine par **D. Buro**

designed by  
conc par **D. Raffington/J. Chin**

approved by  
approuve 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**

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dessine no. **E-84**