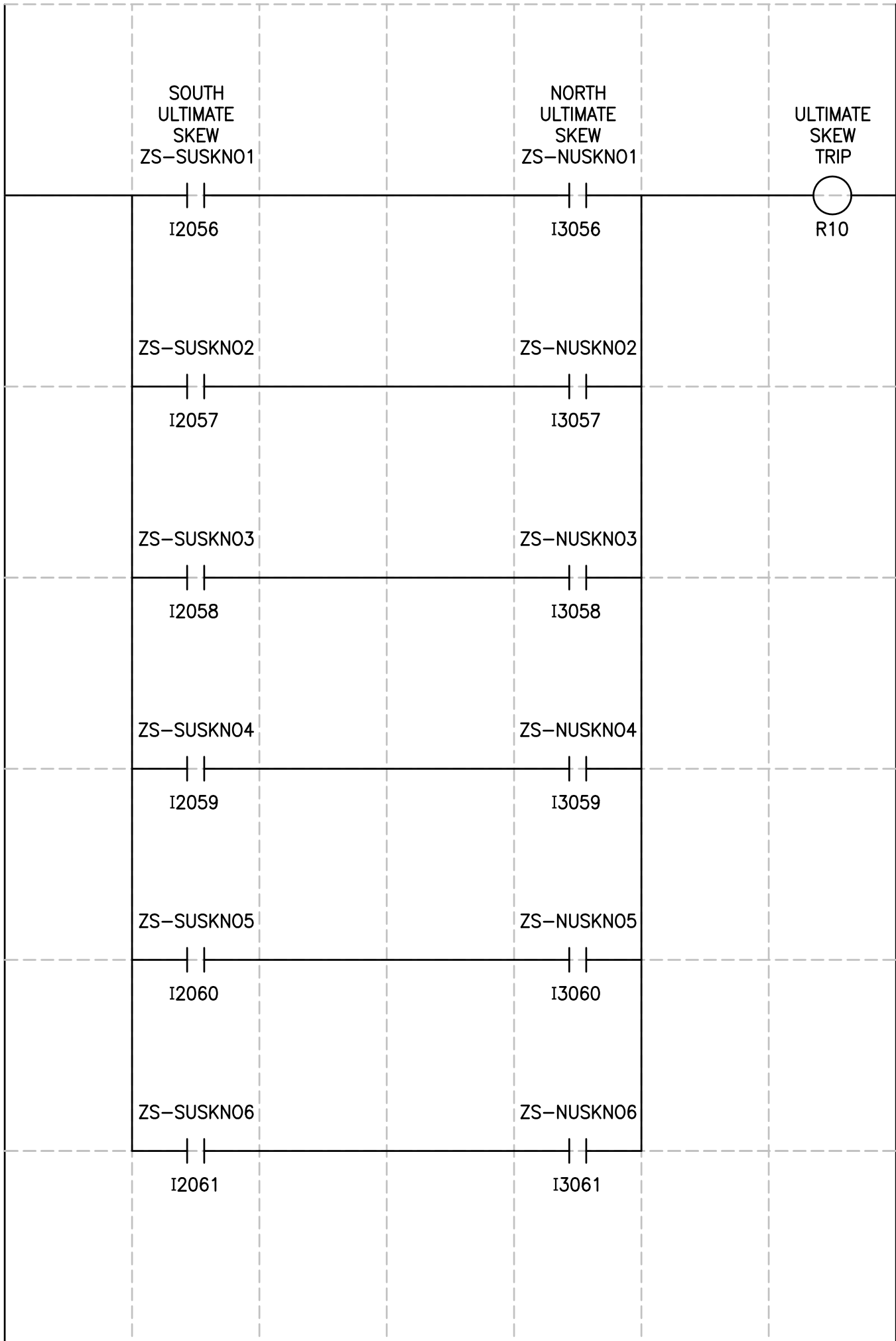
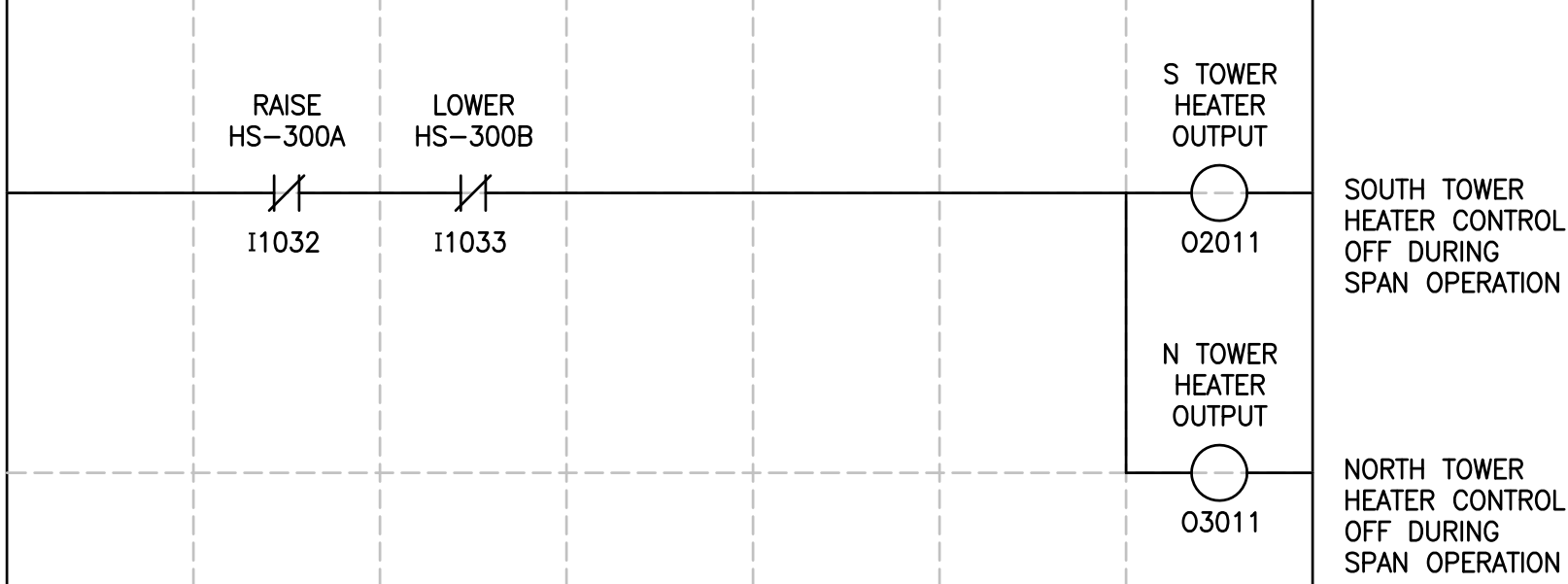


SKEW ULTIMATE TRIP



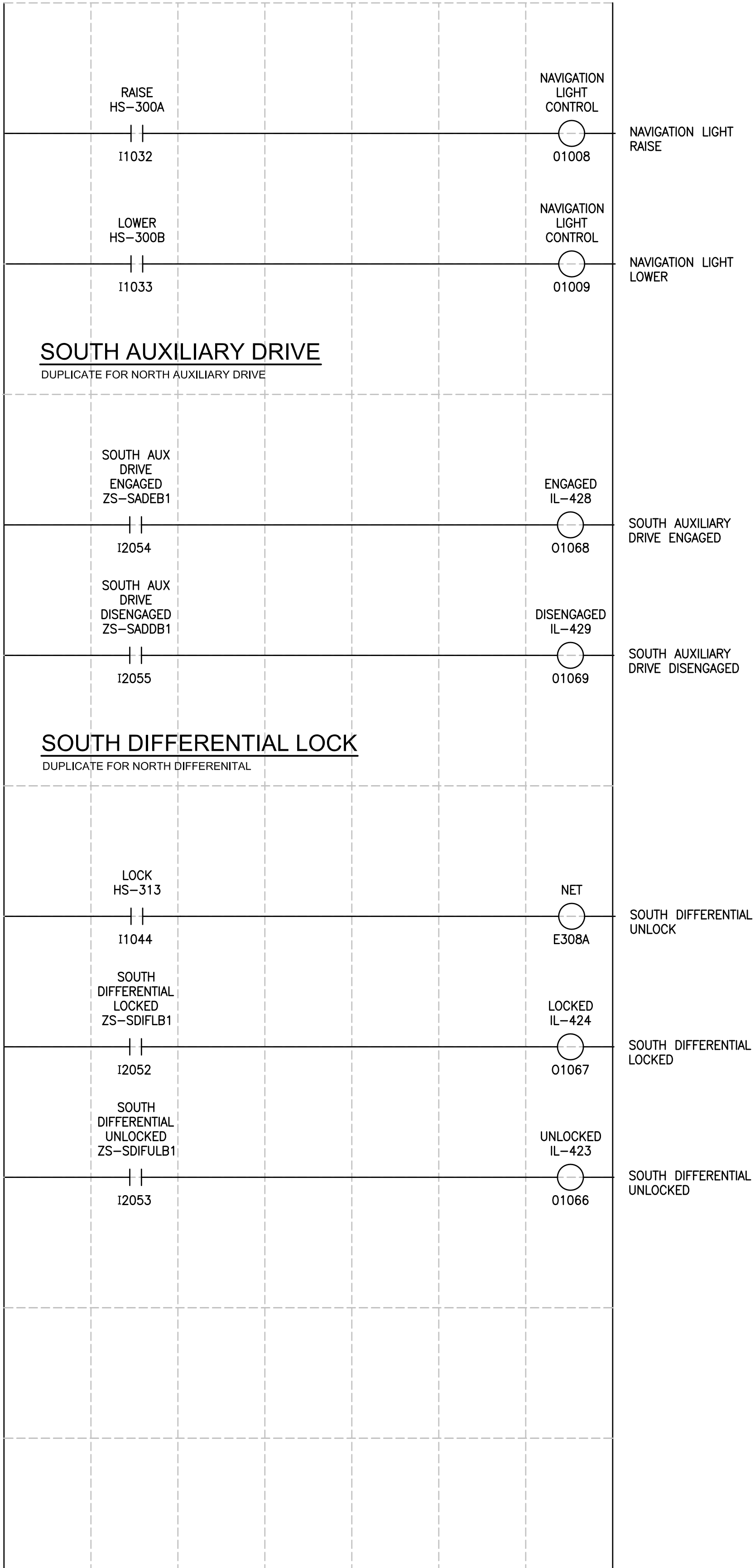
TOWER MACHINE ROOM HEATERS



SPAN ROADWAY LIGHTING CONTROL



NAVIGATION LIGHT CONTROL



NOTE:
THE LADDER DIAGRAMS ON THE FOLLOWING SHEETS ARE
INTENDED TO SHOW TYPICAL INTERLOCK LOGIC AND STYLE. THE
CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE
DEVELOPMENT OF THE PLC PROGRAMS IN ACCORDANCE WITH
THESE PLANS AND WRITTEN DESCRIPTIONS IN THE TECHNICAL
SPECIAL PROVISIONS.



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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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

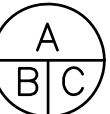
Collaborator: Zvonko Trajkovic, P. Eng.
Expiry Date : July 31, 2013
Association of Professional Engineers of Ontario

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 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

project manager
administrateur de projets

ONTARIO

drawing title
titre du dessin

PLC LADDER DIAGRAM 12:
SKEW

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-56