

MANHOLE SITE



4
Mechanical split bolt connector

5
Wires not supported properly



3
Cut or disconnected wire, undersized

5
Wires are not supported

1
E5
Manhole G12
N.T.S.



4
Mechanical split bolt connector

5
Wires are not supported properly



1
Undersized grounding conductor

2
E5
Manhole G14
N.T.S.

GENERAL NOTES

1. PHOTOS AS SHOWN DEPICT THE DEFICIENCIES AS OBSERVED, CONTRACTOR SHALL PERFORM SITE SURVEY TO BE FAMILIAR WITH THE CONDITION OF THE EXISTING INSTALLATION INSIDE THE MANHOLES. REPORT DEFICIENCIES AND DEFICIENCIES WHICH DEVIATE FROM THE DRAWINGS TO THE DEPARTMENTAL REPRESENTATIVE.
2. REMOVAL OF ASBESTOS FROM CABLES IS NOT IN THE CONTRACT. SUCH WORK WILL BE COMPLETED BY PWGSC PRIOR TO COMMENCEMENT OF CABLE REPLACEMENT.

Canada



Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.

DRAWING NOTES

- 1 REPLACE EXISTING UNDERSIZED GROUND WIRE WITH MINIMUM #2/0 COPPER CONDUCTOR.
- 2 RE-WRAP CABLE AND SPLICE WITH FIRE RETARDANT ELECTRIC ARC PROOFING TAPE.
- 3 BOND EXISTING EXPOSED METAL PARTS AND SUPPORT BRACKETS TO GROUND WITH NEW #2/0 COPPER CONDUCTOR, TO REPLACE DAMAGED OR CORRODED EXISTING CONNECTORS.
- 4 REPLACE MECHANICAL SPLIT BOLT GROUNDING CONNECTORS WITH COMPRESSION CONNECTORS.
- 5 PROVIDE ADDITIONAL SUPPORTS TO SECURE GROUND WIRE PROPERLY.
- 6 PROVIDE INSULATOR UNDERNEATH THE CABLES TO ISOLATE FROM GROUNDED METAL SUPPORTS.

1	ISSUED FOR TENDER	10/04/13
revisions	description	date

A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no.	B
	C drawing no. dessin no.	C

project project

CONFEDERATION HEIGHTS/
CENTRAL EXPERIMENTAL FARM
HIGH VOLTAGE
CABLE REPLACEMENT

drawing dessin

CENTRAL EXPERIMENTAL
FARM
MANHOLE G12 & G14
DETAILS

Designed By ACN Conçu par
Date 2013/08/22 (yyyy/mm/dd)

Drawn By JGF Dessiné par
Date 2013/08/22 (yyyy/mm/dd)

Reviewed By ACN Examiné par
Date 2013/08/22 (yyyy/mm/dd)

Approved By Approuvé par
Date (yyyy/mm/dd)

Tender Soumission

Project Manager Administrateur de projets

Project no. R066711.001 No. du projet
R720041.001

Drawing no. E-05 No. du dessin