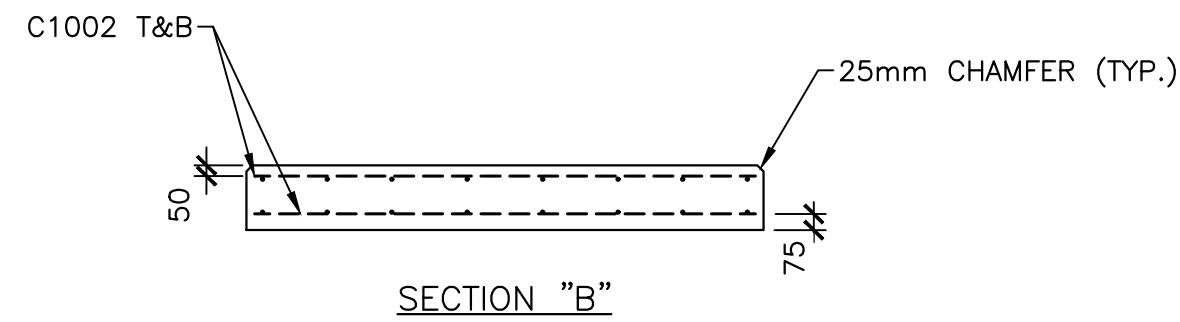
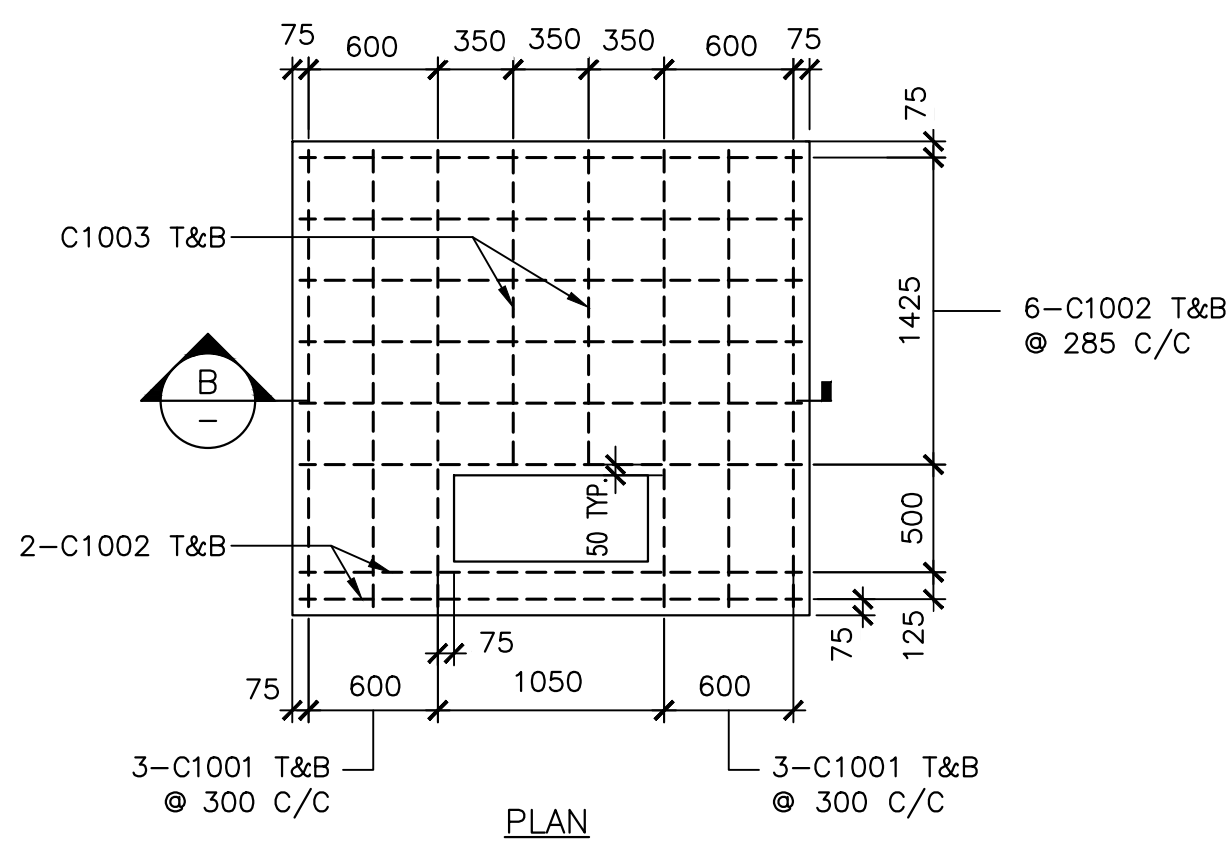


- NOTES:
- CONCRETE - 30 MPa @ 28 DAYS
 - REFER TO DETAIL #2, THIS SHEET, FOR REINFORCING DETAILS.
 - REFER TO DETAIL #3, THIS SHEET, FOR GROUNDING DETAILS.
 - LEAVE A MINIMUM OF 2000mm OF SECONDARY CABLE ABOVE THE TOP OF THE PAD.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

CONCRETE PAD FOR 3 ϕ PADMOUNT TRANSFORMER (150kVA-500kVA)
SCALE : N.T.S.

1
E02/E06



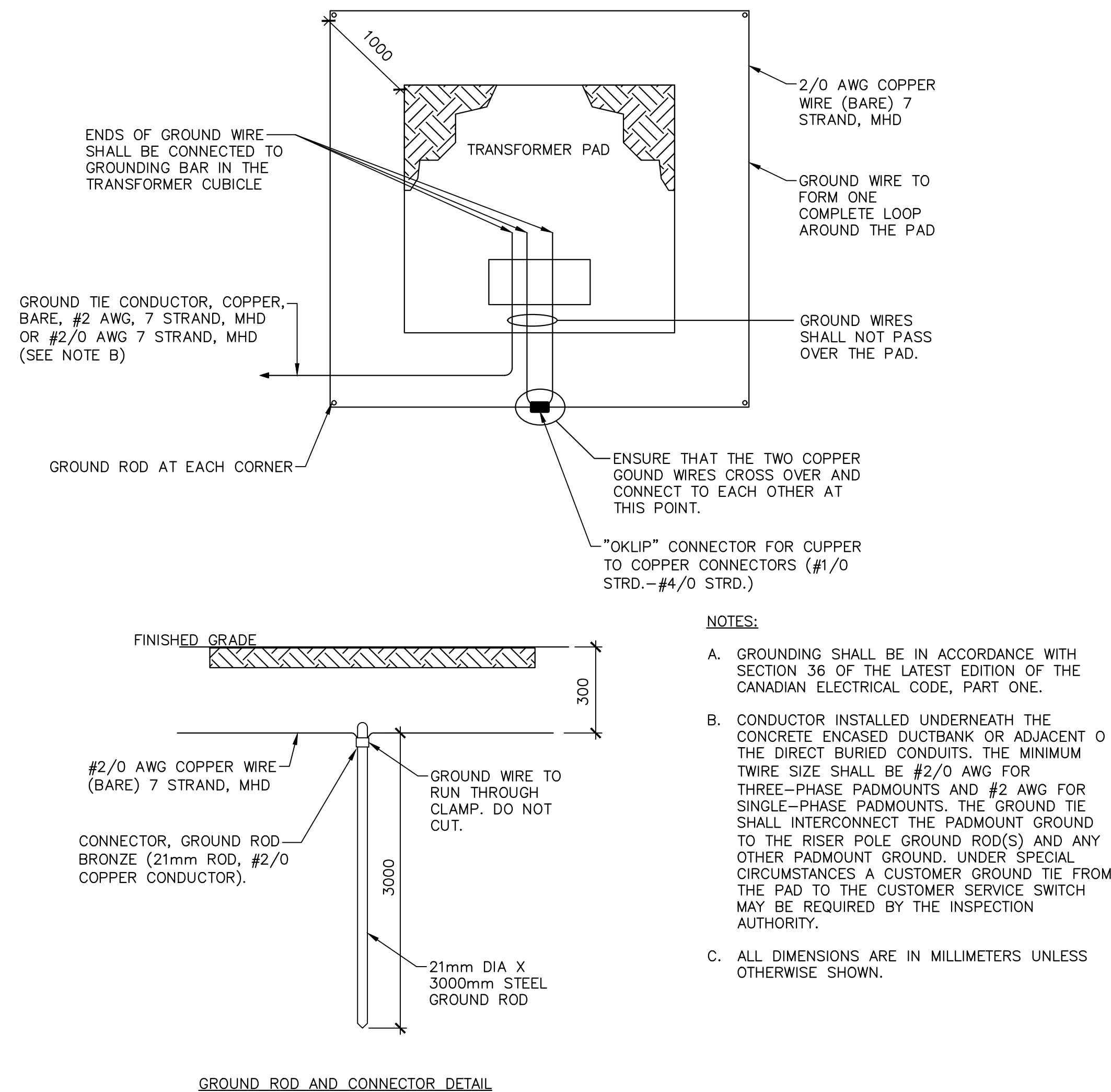
REBAR SCHEDULE

- C1001 - #10M BAR x 2100mm LG - 12 REQ'D
C1002 - #10M BAR x 2300mm LG - 16 REQ'D
C1003 - #10M BAR x 1450mm LG - 4 REQ'D

- NOTES:
- REINFORCING 400MPa YEILD.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

REINFORCING FOR TRANSFORMER (150kVA-500kVA)
SCALE : N.T.S.

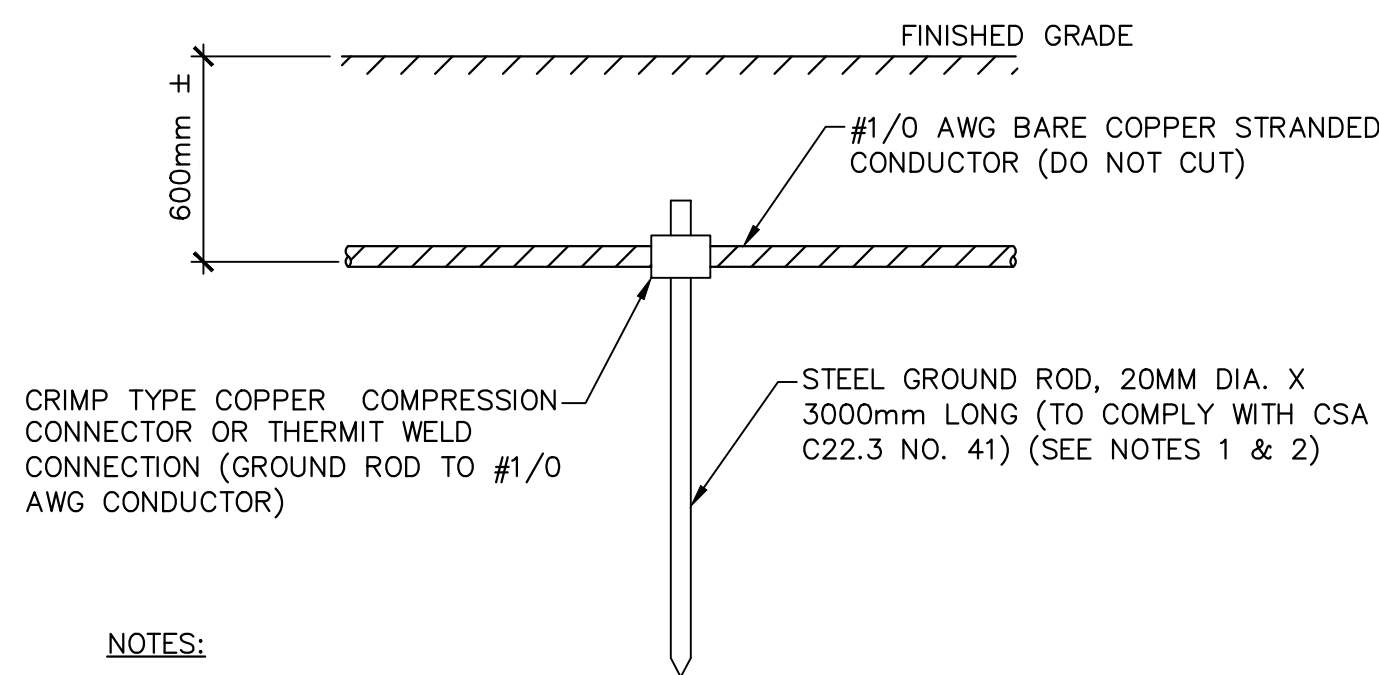
2
E02/E06



- NOTES:
- GROUNDING SHALL BE IN ACCORDANCE WITH SECTION 36 OF THE LATEST EDITION OF THE CANADIAN ELECTRICAL CODE, PART ONE.
 - CONDUCTOR INSTALLED UNDERNEATH THE CONCRETE ENCASED DUCTBANK OR ADJACENT TO THE DIRECT BURIED CONDUITS. THE MINIMUM TWIRE SIZE SHALL BE #2/0 AWG FOR THREE-PHASE PADMOUNTS AND #2 AWG FOR SINGLE-PHASE PADMOUNTS. THE GROUND TIE SHALL INTERCONNECT THE PADMOUNT GROUND TO THE RISER POLE GROUND ROD(S) AND ANY OTHER PADMOUNT GROUND. UNDER SPECIAL CIRCUMSTANCES A CUSTOMER GROUND TIE FROM THE PAD TO THE CUSTOMER SERVICE SWITCH MAY BE REQUIRED BY THE INSPECTION AUTHORITY.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

DETAIL - PADMOUNT TRANSFORMER GROUNDING
SCALE : N.T.S.

2
E02/E06



- NOTES:
- IF THE GROUND ROD ENCOUNTERS ROCK AT A DEPTH OF 1.2m OR MORE, THE ROD SHALL BE DRIVEN TO THE ROCK BOTTOM AND THE REMAINING ROD SECTION SHALL BE BENT AND BURIED AT LEAST 600mm BELOW FINISHED GRADE LEVEL IN A HORIZONTAL TRENCH.
 - IF THE GROUND ROD ENCOUNTERS ROCK AT A DEPTH OF LESS THAN 1.2m, THEN THE ROD SHALL BE BURIED AT LEAST 600mm BELOW FINISHED GRADE LEVEL IN A HORIZONTAL TRENCH.

DETAIL - BUILDING GROUND ROD CONNECTION
SCALE : N.T.S.

4
-

0	ISSUED FOR TENDER	01.20.2020
revisions		date

project project

**GREEN GABLES-PHASE 4
FIRE PROTECTION SYSTEM
AND EMERGENCY POWER
QUEENS CO., PEI**

drawing dessin
**ELECTRICAL
SECTIONS AND
DETAILS**

designed TGC conçu

date OCT-2019

drawn JCM dessiné

date OCT-2019

approved approuvé

date

Tender Soumission

PWGC Project Manager Administrateur de projets TP50C

project number no. du projet

R.081199.001

drawing no. no. du dessin

E06