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project	projet
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drawing	dessin
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designed by I. RADNEV conçu par

date JAN. 2013

drawn F. MULLINS dessiné

date JAN. 2013

approved	approuvé
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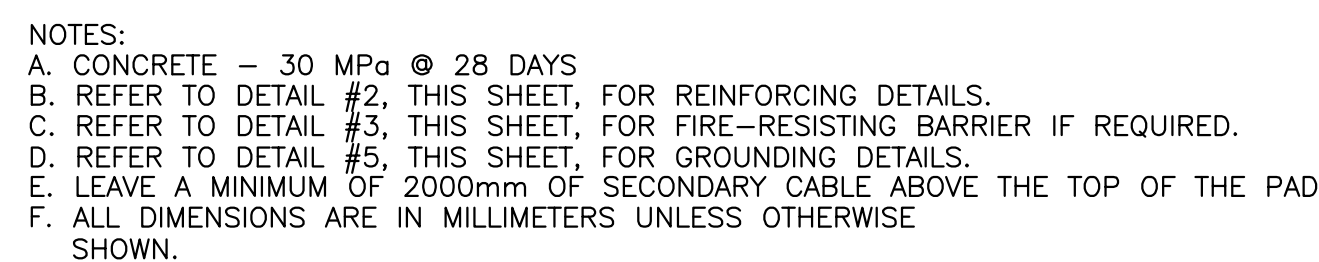
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Tender	Soumission
P WHITE	

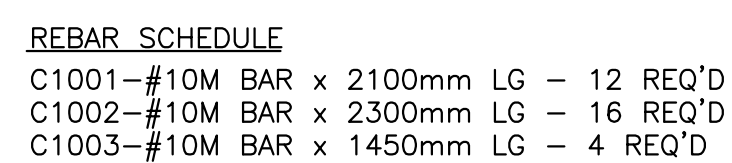
PWGSC Project Manager Administrateur de projets TPSGC

drawing no.	no. du dessin
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E02



2 DETAIL—CONCRETE PAD FOR 3 ϕ PADMOUNT
— N.T.S. TRANSFORMER (150kVA–500kVA)



NOTE:
A. REINFORCING 400MPa YIELD.
B. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

3 DETAIL—REINFORCING DETAIL CONCRETE PAD FOR 3Ø
- N.T.S. PADMOUNT TRANSFORMER (150kVA–500kVA)



- A. GROUNDING SHALL BE IN ACCORDANCE WITH SECTION 36 OF THE LATEST EDITION OF THE CANADIAN ELECTRICAL CODE, PART ONE.
- B. REFER TO DWG No. 10U-ED-11M (NSPI) FOR GROUND ROD CONNECTION DETAILS.
THE GROUND TIE SHALL BE A BARE COPPER
- C. CONDUCTOR INSTALLED UNDERNEATH THE CONCRETE ENCASED DUCTBANK OR ADJACENT OF THE DIRECT BURIED CONDUITS, THE MINIMUM WIRE 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 FROM THE PAD TO THE CUSTOMER SERVICE SWITCH MAY BE REQUIRED BY THE INSPECTION AUTHORITY.
- D. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.



4 DETAIL—PADMOUNTED TRANSFORMER GROUNDING
— N.T.S.