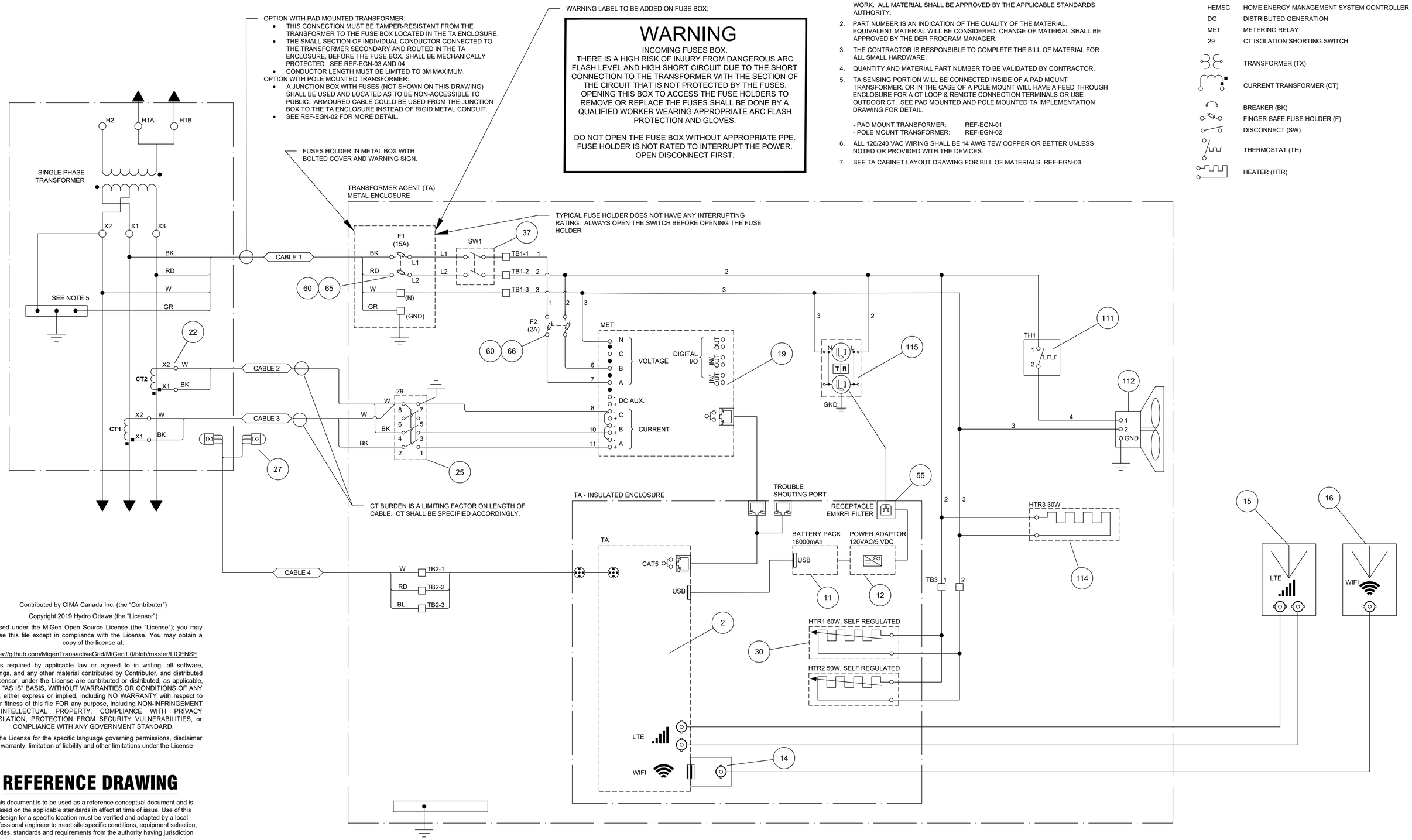
NOTE:

1. ALL WORK SHALL BE ACCORDING TO APPLICABLE CODES AND STANDARDS AND SHALL BE SUBJECT TO APPROVAL BY AUTHORITY HAVING JURISDICTION ON THE WORK. ALL MATERIAL SHALL BE APPROVED BY THE APPLICABLE STANDARDS AUTHORITY.
2. PART NUMBER IS AN INDICATION OF THE QUALITY OF THE MATERIAL. EQUIVALENT MATERIAL WILL BE CONSIDERED. CHANGE OF MATERIAL SHALL BE APPROVED BY THE DER PROGRAM MANAGER.
3. THE CONTRACTOR IS RESPONSIBLE TO COMPLETE THE BILL OF MATERIAL FOR ALL SMALL HARDWARE.
4. QUANTITY AND MATERIAL PART NUMBER TO BE VALIDATED BY CONTRACTOR.
5. TA SENSING PORTION WILL BE CONNECTED INSIDE OF A PAD MOUNT TRANSFORMER. OR IN THE CASE OF A POLE MOUNT WILL HAVE A FEED THROUGH ENCLOSURE FOR A CT LOOP & REMOTE CONNECTION TERMINALS OR USE OUTDOOR CT. SEE PAD MOUNTED AND POLE MOUNTED TA IMPLEMENTATION DRAWING FOR DETAIL.

   - PAD MOUNT TRANSFORMER: REF-EGN-01
   - POLE MOUNT TRANSFORMER: REF-EGN-02
6. ALL 120/240 VAC WIRING SHALL BE 14 AWG TEW COPPER OR BETTER UNLESS NOTED OR PROVIDED WITH THE DEVICES.
7. SEE TA CABINET LAYOUT DRAWING FOR BILL OF MATERIALS. REF-EGN-03

LEGEND AND DEFINITION:

TA	TRANSFORMER AGENT
CA	CUSTOMER AGENT
HEMSC	HOME ENERGY MANAGEMENT SYSTEM CONTROLLER
DG	DISTRIBUTED GENERATION
MET	METERING RELAY
29	CT ISOLATION SHORTING SWITCH
	TRANSFORMER (TX)
	CURRENT TRANSFORMER (CT)
	BREAKER (BK)
	FINGER SAFE FUSE HOLDER (F)
	DISCONNECT (SW)
	THERMOSTAT (TH)
	HEATER (HTR)



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https://github.com/MigenTransactiveGrid/MiGen1.0/blob/master/LICENSE

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REFERENCE DRAWING

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0	ISSUE AS REFERENCE DRAWING	01/13/2020	R.L. / A.L.

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Project Manager: E. Cantin, tech.

Client: HYDRO OTTAWA

Project title: MiGen TRANSACTIVE GRID REFERENCE DRAWING

Drawing title: SINGLE PHASE SYSTEM TA ENCLOSURE CONECTION WIRING DIAGRAM

Project number: A000597B
Designed by: R.Langlois
Drawn by: A. Teranun
Verified by: E.Cantin
Revision: 0
Drawing N°: REF-ECW-01

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Folder: \\cima.plus\cima\Cima-C10\0t_Projects\AA Hydro Ottawa\A000597B Smart Grid Phase 2\400 drawings
Filename: MiGen_REF-ECW-01_TA ENCLOSURE SINGLE PHASE.dwg / Layout: SINGLE PHASE TA ENCLOSURE CONECTION WIRE DIAGRAM / Last save: 2020/01/24, 08:03 / Printed: 2020/01/24, 08:06