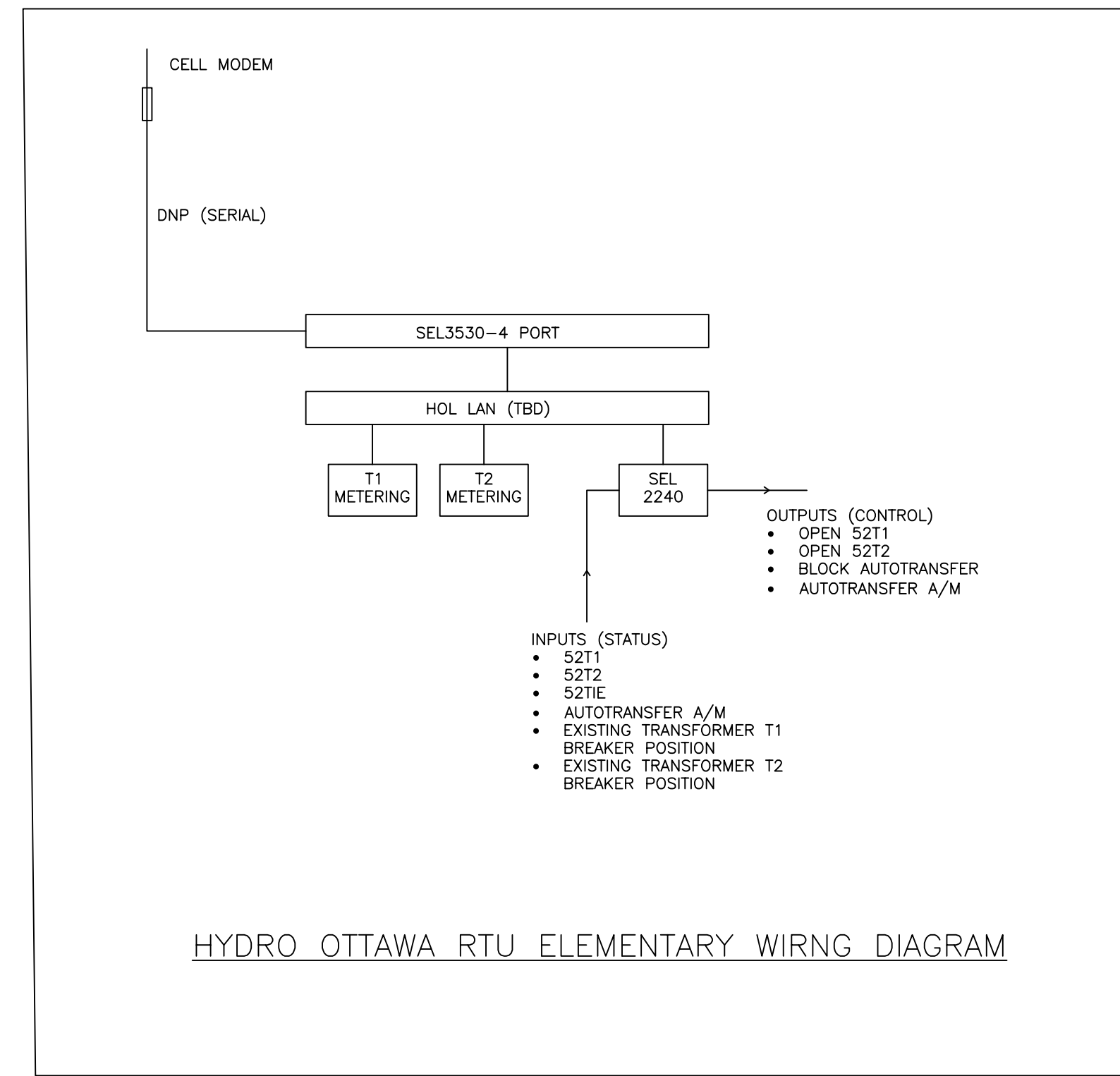


DRAWING NOTES:

- HYDRO SUPPLIED RTU CABINET TO BE INTERFACED WITH NEW SWITCHGEAR FOR HYDRO AUTOMATIC TRANSFER SCHEME BY CONTRACTOR. (REFER TO DIAGRAM BELOW)
- PROVIDE 120VAC, 15A DUPLEX RECEPTACLE.
 - PROVIDE 48VDC, 15A CIRCUIT.
 - PROVIDE CELL MODEM FOR PERMANENT COMMUNICATION.
 - PROVIDE STATUS FOR THE TWO EXISTING OUTDOOR TRANSFORMER BREAKERS. RUN 6-#14-27mmC FROM EACH BREAKER TO RTU.
 - PROVIDE STATUS FOR THE TWO MAINS AND THE TIE BREAKERS. RUN 12-#14-27mmC FROM EACH BREAKER TO RTU.
 - PROVIDE CONTROL FOR THE TWO MAINS AND THE TIE BREAKERS. RUN 12-#14-27mmC FROM EACH BREAKER TO RTU.
 - PROVIDE 27mmC FROM RTU TO EACH METERING CABINET (T1 & T2 METERING)
- REMOVE EXISTING C/T CABINET TO BE COORDINATED WITH HYDRO. PROVIDE 1200x1200 PLYWOOD BACKBOARD, TWO 13-JAW METER BASES & 406x406x152 MODEM ENCLOSURE FOR NEW DUAL HYDRO METERS PER HYDRO DETAIL (EXTERNAL MODEM ENCLOSURE INSTALLATION FOR INDOOR INTERVAL METERS DWG. MCS0066). PROVIDE 120V/15A DUPLEX OUTLET AND 2 DEDICATED ANALOG TELEPHONE LINES.



HYDRO OTTAWA RTU ELEMENTARY WIRNG DIAGRAM



Smith + Andersen

1800 Carling Avenue, Suite 530 Ottawa, Ontario K1Z 1G3
613 230 1166 / 613 230 2598 smithandandersen.com



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

1 ISSUED FOR TENDER 2016-04-11

revisions description date

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

project projet

SWITCHGEAR
UPGRADE, BELLS
CORNER COMPLEX

1 HAANEL RD, NEPEAN, ONTARIO

drawing dessin

ELECTRICAL DETAILS

Designed By MM Conçu par

Date (yyyy/mm/dd)

Drawn By MM Dessiné par

Date (yyyy/mm/dd)

Reviewed By ML Examiné par

Date (yyyy/mm/dd)

Approved By CORNEL SOCACI Approuvé par

Date (yyyy/mm/dd)

Tender Soumission

CORNEL SOCACI Administrateur de projets

Project no. No. du projet

R.080064.002

Drawing no. No. du dessin

E002