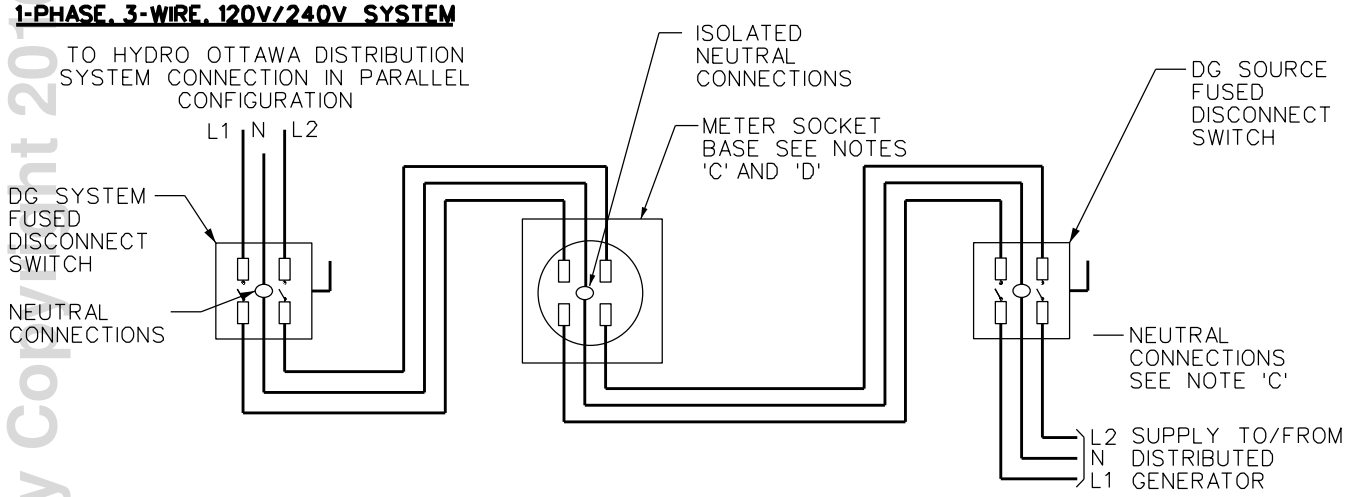
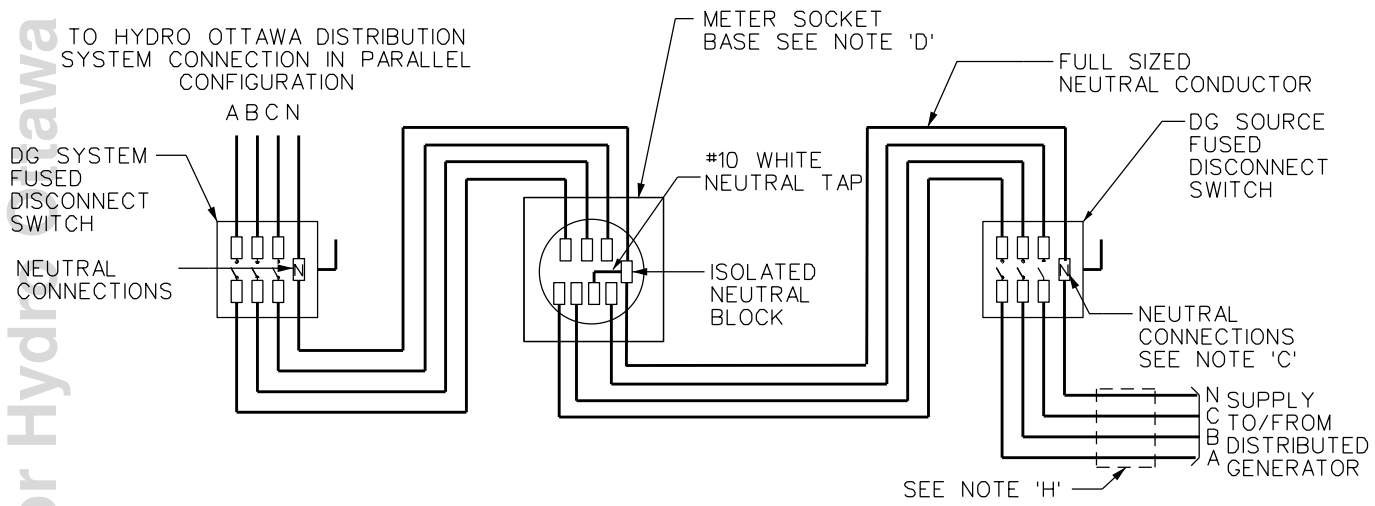
1-PHASE, 3-WIRE, 120V/240V SYSTEM



3-PHASE, 4-WIRE, 120V/208Y OR 347V/600Y SYSTEM:



NOTES:

A. THE DG SOURCE DISCONNECT SWITCH FROM THE DISTRIBUTED GENERATOR SHALL PLAINLY INDICATE WHETHER IN THE OPEN POSITION OR CLOSED POSITION, AND HAVE CONTACT OPERATION VERIFIABLE BY DIRECT VISIBLE MEANS.

B. THE DISTRIBUTED GENERATOR METER SHALL BE LOCATED IN THE MAIN ELECTRICAL ROOM WITH THE MAIN SERVICE METER UNLESS OTHERWISE APPROVED IN WRITING BY HYDRO OTTAWA.

C. REFER TO THE ONTARIO ELECTRICAL SAFETY CODE FOR ADDITIONAL REQUIREMENTS FOR THE NEUTRAL CONDUCTOR AND GROUNDING.

D. REFER TO HYDRO OTTAWA REVENUE METERING SPECIFICATION GCS0008 FOR METERING REQUIREMENTS.

E. REFER TO THE APPROPRIATE HYDRO OTTAWA CONSTRUCTION DETAIL DRAWING MCS0058 FOR THE ELECTRICAL ROOM AND EQUIPMENT LAYOUT.

F. FOR SINGLE LINE DIAGRAM, AND OTHER CONNECTION AND EQUIPMENT REQUIREMENTS, REFER TO HYDRO OTTAWA SPECIFICATION ECG0015.

G. WHERE INVERTERS ARE CONNECTED TO EITHER 120V/208Y OR 347V/600Y SYSTEM THROUGH AN INTERMEDIATE TRANSFORMER, THE LINE-SIDE OF THE TRANSFORMER MUST HAVE A VOLTAGE EQUAL TO THE SERVICE ENTRANCE VOLTAGE AND MEET WITH THE METERING REQUIREMENTS.

H. LOSS OF PHASE (LOP) PROTECTIVE DEVICES, IF REQUIRED, SHALL BE CONNECTED BESIDE THE DG SOURCE DISCONNECT SWITCH.

L. FOR PARALLEL CONNECTIONS FOR DG OR ERF SERVICES, HYDRO OTTAWA WILL ACCEPT THE ADDITION OF MULTI-BARREL MECHANICAL LUGS WHERE PRACTICABLE. TERMINATIONS OF TWO CONDUCTORS IN THE SAME LUG BARREL SHALL NOT BE PERMITTED. REFER TO HYDRO OTTAWA SPECIFICATION ECG0015 FOR MORE INFORMATION.

REVISIONS	PREP	CHKD	APPD
REV: 2 DATE: 2014-09-03 CHANGE: ADDED LABEL FOR FULL SIZED NEUTRAL UPDATED BLOCK	SK	SMC	CSM
REV: 3 DATE: 2016-01-20 CHANGE: ADDED LABEL FOR FULL SIZED NEUTRAL UPDATED BLOCK	JD	SMC	CSM
REV: 4 DATE: 2016-03-24 CHANGE: UPDATE NOTES AND BORDER	GM	SMC	CSM

HydroOttawa
WWW.HYDROOTTAWA.COM

PREP: G. MOLNAR
CHKD: R.WILLIAMS/B.PECK
APPD: C. MALONE P.Eng.
DATE: 2011-07-20
SCALE: N.T.S. @ ANSI B

TITLE
ENGINEERING SPECIFICATION
ERF 120V/240V, 1PH, 3W, ≤ 200A, AND 120V/208Y OR 347V/600Y, 3PH, 4W, ≤ 200A SECONDARY PARALLEL SERVICE WIRING DETAIL
CONSTRUCTION DETAIL

NO: MCS0057
1 OF 1
REV: 4