



- NOTES:**
- A. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE SPECIFIED.
 - B. INSTALLATION SHALL MEET THE ONTARIO ELECTRICAL SAFETY CODE (OESC) AND HYDRO OTTAWA REQUIREMENTS.
 - C. REFER TO HYDRO OTTAWA SPECIFICATIONS GCS0008, MCS0020, AND MCS0115 FOR DETAILS ON MCMS INSTALLATION REQUIREMENTS
 - D. ALL SECONDARY ELECTRICAL ROOMS SHALL BE SUBJECT TO GCS0008 REQUIREMENTS.
 - E. EACH DISTRIBUTION PANEL CONTAINING MCMS EQUIPMENT SHALL HAVE A LOCAL DISCONNECTION SWITCH TO ISOLATE POWER FROM DISTRIBUTION PANEL AND SHALL HAVE MEANS TO LOCK THE BREAKER AND/OR SWITCH WITH A STANDARD HYDRO OTTAWA PADLOCK. THE DISCONNECTION MEANS SHALL BE ONE OF THE FOLLOWING:
 - i. A BARRIERED RATED MAIN SERVICE ENTRANCE BREAKER WITHIN THE DISTRIBUTION PANEL.
 - ii. A SEPARATE LOCKABLE DISCONNECT SWITCH IMMEDIATELY BEFORE AND WITHIN THE SAME ELECTRICAL ROOM AS THE DISTRIBUTION PANEL EQUIPPED WITH MCMS EQUIPMENT.
 - F. DISTRIBUTION PANELS SHALL BE APPROPRIATELY SIZED WITH SUFFICIENT SPACE TO MOUNT THE REQUIRED CURRENT TRANSFORMERS.
 - i. THE DISTRIBUTION PANEL CABLE CHANNELS SHALL HAVE A MINIMUM WIDTH OF 250 [10\"] BETWEEN THE CIRCUIT BREAKER MOUNTING RAILS AND THE SIDE OF THE DISTRIBUTION PANEL.
 - ii. THE SUB-BREAKERS FEEDING THE INDIVIDUAL SUITES SHALL BE LOCKABLE WITH A STANDARD HYDRO OTTAWA LOCK, IN THE OPEN (OFF) POSITION.
 - G. THE MCMU PANELS SHALL BE POWERED FROM THE SAME DISTRIBUTION PANEL AS THE SUITES THAT THE MCMU PANELS ARE METERING.
 - H. A SEPARATE BREAKER DEDICATED TO THE MCMU PANEL SHALL BE INSTALLED IN THE DISTRIBUTION PANEL COMPLETE WITH LOCKING PROVISIONS IN BOTH THE 'ON' AND 'OFF' POSITIONS. WHILE LOCKED IN THE 'ON' POSITION, THE LOCKING PROVISION SHALL ALLOW FOR TRIP FREE OPERATION UNDER FAULT CONDITIONS.
 - I. MODEM INSTALLED IN MAIN ELECTRICAL ROOM BESIDE CHECK METER.

For Hydro Ottawa Use Only Copyright 2019

REVISIONS		PREP	CHKD	APPD
REV: 2	DATE: 2016-03-24 CHANGE: UPDATE DIMENSIONS UPDATE TITLE ADDED NOTES 'J', 'K' AND 'L'	JD	SMC	CSM
REV: 3	DATE: 2018-03-22 CHANGE: UPDATED NOTES AND DIMENSIONS	RH	BP	BDH
REV: 4	DATE: 2019-12-12 CHANGE: UPDATED NOTES, MOVED MODEM	EV	AD	BDH

HydroOttawa
WWW.HYDROOTTAWA.COM

PREP: F.BOLO
CHKD: R.WILLIAMS
APPD: C.MALONE P. Eng.
DATE: 2011-04-05
SCALE: N.T.S. @ ANSI B

TITLE		ENGINEERING SPECIFICATION
		MULTI-CUSTOMER METERING SYSTEM WITH COMMUNICATIONS EQUIPMENT
		CONSTRUCTION DETAIL
NO:	MCS0060	REV: 4
		1 OF 1

2019-12-13 12:32 PM