


- NOTES:**
- A. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE SPECIFIED.
 - B. INSTALLATION SHALL MEET THE ONTARIO ELECTRICAL SAFETY CODE (OESC) AND BUILDING SPECIFIC REQUIREMENTS AS PER HOL METERING RISER DIAGRAM.
 - C. REFER TO HYDRO OTTAWA SPECIFICATIONS GCS0008, MCS0055, AND MCS0115 FOR DETAILS ON MCMS INSTALLATION REQUIREMENTS
 - D. ALL SECONDARY ELECTRICAL ROOMS SHALL BE SUBJECT TO GCS0008 REQUIREMENTS.
 - E. EACH DISTRIBUTION PANEL OR SWITCHBOARD CONTAINING MCMS EQUIPMENT SHALL HAVE A LOCAL DISCONNECT DEVICE TO ISOLATE POWER 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 OR SWITCHBOARD.
 - ii. A SEPARATE LOCKABLE DISCONNECT DEVICE IMMEDIATELY BEFORE AND WITHIN THE SAME ELECTRICAL ROOM AS THE DISTRIBUTION PANEL OR SWITCHBOARD EQUIPPED WITH MCMS EQUIPMENT.
 - F. DISTRIBUTION PANELS OR SWITCHBOARD 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 SOURCE AS THE LOAD THAT THE MCMU PANELS ARE METERING.
 - H. A SEPARATE BREAKER DEDICATED TO THE MCMU PANELS SHALL BE INSTALLED IN THE DISTRIBUTION PANEL OR SWITCHBOARD 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. 'BY OTHERS' REFERS TO EQUIPMENT SUPPLIED AND INSTALLED BY THE CUSTOMER AND/OR THEIR AGENT/CONTRACTOR.
 - J. 'BY HYDRO' REFERS TO EQUIPMENT SUPPLIED AND INSTALLED BY HYDRO OTTAWA AND/OR THEIR CONTRACTOR.

REVISIONS				PREP	CHKD	APPD	 WWW.HYDROOTTAWA.COM	TITLE		
REV: 4	DATE: 2019-12-12	CHANGE: UPDATE NOTES, MOVED MODEM	EV	AD	BDH			ENGINEERING SPECIFICATION MULTI-CUSTOMER METERING UNITS WITH COMMUNICATIONS EQUIPMENT CONSTRUCTION DETAIL		
REV: 5	DATE: 2020-08-27	CHANGE: UPDATED NOTES, MOVED MODEM	EV	PL	RH	PREP: F.BOLO CHKD: R.WILLIAMS				
REV: 6	DATE: 2022-05-13	CHANGE: UPDATED NOTES	LS	YB	ED	APPD: C.MALONE P. Eng. DATE: 2011-04-05 SCALE: N.T.S. @ ANSI B				
								NO:	MCS0060	1 OF 1 REV: 6

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