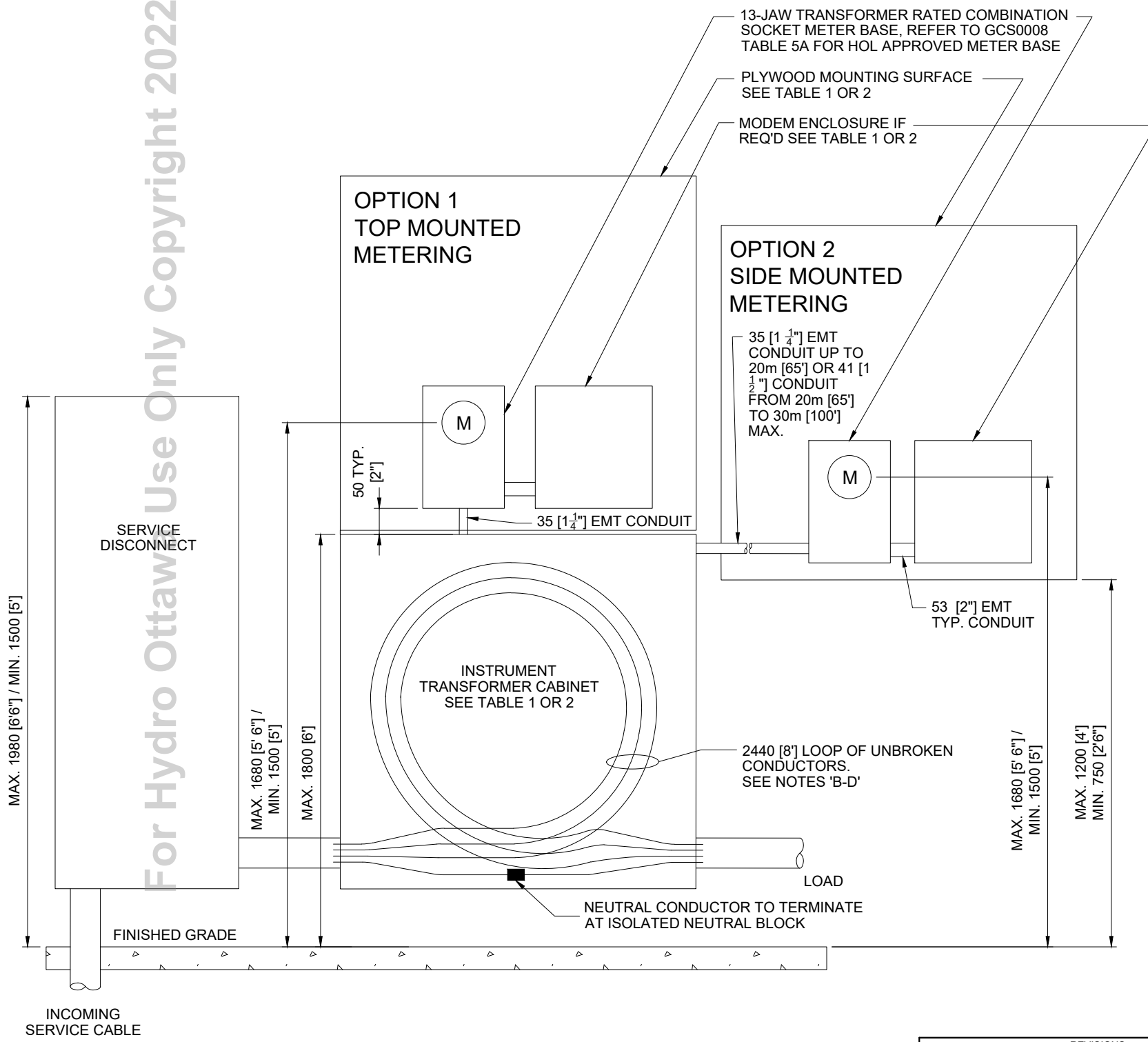


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NOTES:

- A. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE NOTED.
- B. FULL SIZE NEUTRAL FROM SERVICE DISCONNECT TO INSTRUMENT TRANSFORMER CABINET ISOLATED NEUTRAL BLOCK.
- C. PHASE CONDUCTORS TO BE PULLED THROUGH IT CABINET WITH SUFFICIENT SLACK TO TERMINATE AT THE METERING INSTRUMENT USING PROJECT SUPPLIED ONE HOLE LUG CONNECTORS.
- D. MECHANICAL OR COMPRESSION TYPE CONNECTORS SHALL BE SUPPLIED DEPENDING ON THE TYPE OF CONDUCTORS Cu OR AL. AL CONDUCTORS (INCLUDING COMPRESSION TYPE CONNECTORS) SHALL BE TERMINATED AT THE BAR TYPE CT'S BY THE PROJECT ELECTRICAL CONTRACTOR AND AS DIRECTED BY HYDRO METER TECH.
- E. REFER TO MCS0105 FOR MINIMUM CLEARANCE IN FRONT OF METERING EQUIPMENT.

TABLE 1: REVENUE METER REQUIREMENTS

SERVICE RATING	15.5-18.5 [5/8" - 3/4"] PLYWOOD MOUNTING BOARD ⁽¹⁾ H x W	INSTRUMENT TRANSFORMER CABINET ⁽²⁾ H x W x D	MODEM ENCLOSURE
120V/208Y >200A TO 400A	900 x 900 [36" x 36"]	900 x 900 x 300 [36" x 36" x 12"]	N/A
120V/208Y >400A TO 600A		1200 x 1200 x 300 [48" x 48" x 12"]	
347V/600Y >200A TO 400A	1200 x 1200 [48" x 48"]	900 x 900 x 300 [36" x 36" x 12"]	YES ⁽³⁾
347V/600Y >400A TO 600A		1200 x 1200 x 300 [48" x 48" x 12"]	

TABLE 2: CHECK METER REQUIREMENTS

SERVICE RATING	15.5-18.5 [5/8" - 3/4"] PLYWOOD MOUNTING BOARD ⁽¹⁾ H x W	INSTRUMENT TRANSFORMER CABINET ⁽²⁾ H x W x D	MODEM ENCLOSURE
120V/208Y >200A TO 400A	900 x 900 [36" x 36"]	900 x 900 x 300 [36" x 36" x 12"]	N/A
120V/208Y >400A TO 600A		1200 x 1200 x 300 [48" x 48" x 12"]	
347V/600Y >200A TO 400A	900 x 900 [36" x 36"] OR 1200 x 1200 [48" x 48"] WITH HOL MCMS	900 x 900 x 300 [36" x 36" x 12"]	ONLY WITH HOL MCMS ⁽³⁾
347V/600Y >400A TO 600A		1200 x 1200 x 300 [48" x 48" x 12"]	

(1) FIRE RETARDANT TREATED PLYWOOD WITH PROPER STAMP LABEL OR PLYWOOD COVERED ON ALL SIDES WITH FIRE RETARDANT COATING TO PROVIDE A MAXIMUM FLAME SPREAD RATING OF 25 (CLASS A) IN ACCORDANCE WITH CAN/ULC-S102.
 (2) REFER TO GCS0008 SECTION 5.5 FOR ADDITIONAL IT CABINET REQUIREMENTS AND GCS0008 TABLE 6, 6A OR 6B FOR Cu FREE AIR RATED OR ALUMINUM CONDUCTOR REQUIREMENTS.
 (3) REFER TO MCS0129 FOR MODEM ENCLOSURE REQUIREMENTS.

<p>REVISIONS</p> <p>REV: 4 DATE: 2014-11-07 CHANGE: UPDATED BLOCK AND NOTES</p> <p>REV: 5 DATE: 2016-01-13 CHANGE: UPDATED BLOCK, TITLE AND NOTES</p> <p>REV: 6 DATE: 2022-09-02 CHANGE: ADDED NOTE 'C' & 'D', OPTION 2 AND TABLES</p>	<p>PREP: MM</p> <p>CHKD: JD</p> <p>APPD: LS</p>	<p>CHKD: SMC</p> <p>SMC</p> <p>AD/PL</p>	<p>APPD: CSM</p> <p>CSM</p> <p>RH</p>	 www.hydroottawa.com	<p>TITLE</p> <p>ENGINEERING SPECIFICATION 120V/208Y AND 347V/600Y 3PH, 4W, >200A TO 600A INTERVAL METERING WITH IT CABINET CONSTRUCTION DETAIL</p>	<p>NO:</p> <p>MCS0017</p>	<p>REV: 1 OF 1</p> <p>6</p>
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