

NOTES:

- A. REFER TO HYDRO OTTAWA GCS0008 OR GCS0032 FOR SECONDARY OR PRIMARY REVENUE METERING SPECIFICATION.
- B. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE SPECIFIED.
- C. REFER TO MCS0105 FOR MINIMUM CLEARANCE IN FRONT OF METERING EQUIPMENT.
- D. REFER TO ECS0043 FOR TYPICAL CUSTOMER OWNED PRIMARY SWITCHGEAR LAYOUT.
- E. CONDUIT SHALL INCORPORATE NO MORE THAN THREE 90° BENDS OR FITTING PER RUN.

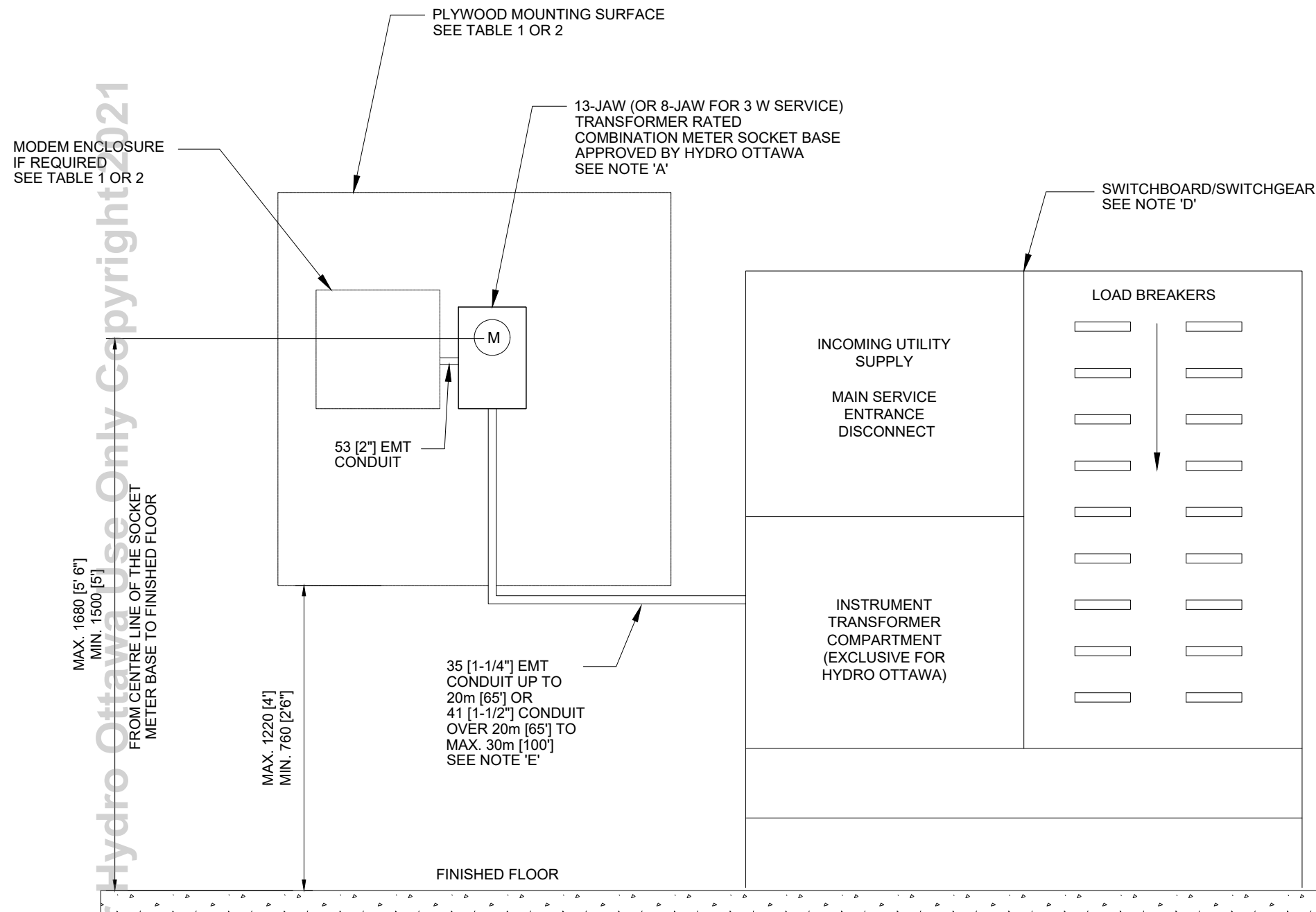


TABLE 1: REVENUE METER REQUIREMENTS

SERVICE RATING	15.5-18.5 (5/8" - 3/4") PLYWOOD MOUNTING BOARD ⁽¹⁾ H x W	MODEM ENCLOSURE
120V/208Y >200 TO 600A	914 x 914 (36" x 36")	N/A
120V/208Y ≥800A OR 347V/600Y >200A OR PRIMARY SERVICE ⁽²⁾	1220 x 1220 (48" x 48")	YES ⁽³⁾


TABLE 2: CHECK METER REQUIREMENTS

SERVICE RATING	15.5-18.5 (5/8" - 3/4") PLYWOOD MOUNTING BOARD ⁽¹⁾ H x W	MODEM ENCLOSURE
120V/208Y >200 TO 600A	914 x 914 (36" x 36")	N/A
120V/208Y ≥800A OR 347V/600Y >200A OR PRIMARY SERVICE ⁽²⁾	914 x 914 (36" x 36") OR 1220 x 1220 (48" x 48") WITH HOL SUITE METERING	ONLY WITH HOL SUITE METERING ⁽³⁾

(1) PLYWOOD SHALL BE COATED ON ALL SIDES WITH GRAY FIRE RETARDANT PAINT TO PROVIDE A MAXIMUM FLAME SPREAD RATING OF 25 (CLASS A) IN ACCORDANCE WITH CAN/ULC-S102.

(2) REFER TO GCS0032 FOR PRIMARY REVENUE METERING REQUIREMENTS.

(3) REFER TO MCS0129 FOR MODEM ENCLOSURE REQUIREMENTS.

REVISIONS			PREP	CHKD	APPD	 www.hydroottawa.com	TITLE		
REV: 5	DATE: 2020-03-26	CHANGE: UPDATED NOTES	EV	LR/RH	MW		ENGINEERING SPECIFICATION 120V/208Y AND 347V/600Y, 3PH, 4W, >200A OR PRIMARY SERVICES INDOOR INTERVAL METERING WITH SWITCHBOARD/SWITCHGEAR CONSTRUCTION DETAIL	NO:	1 OF 1 REV: 7
REV: 6	DATE: 2021-02-21	CHANGE: ADDED TABLES, REMOVED NOTES 'B', 'D', 'F' & 'G', REMOVED SURGE SUPPRESSER, SUPPLY FOR MODEM	EV	PL	RH				
REV: 7	DATE: 2021-05-21	CHANGE: ADDED 8-TRANSFORMER OPTION	EV	PL	RH				
						PREP: F. BOLO CHKD: B. PECK APPD: C. MALONE P.Eng DATE: 2003-07-22 SCALE: N.T.S. @ ANSI B			