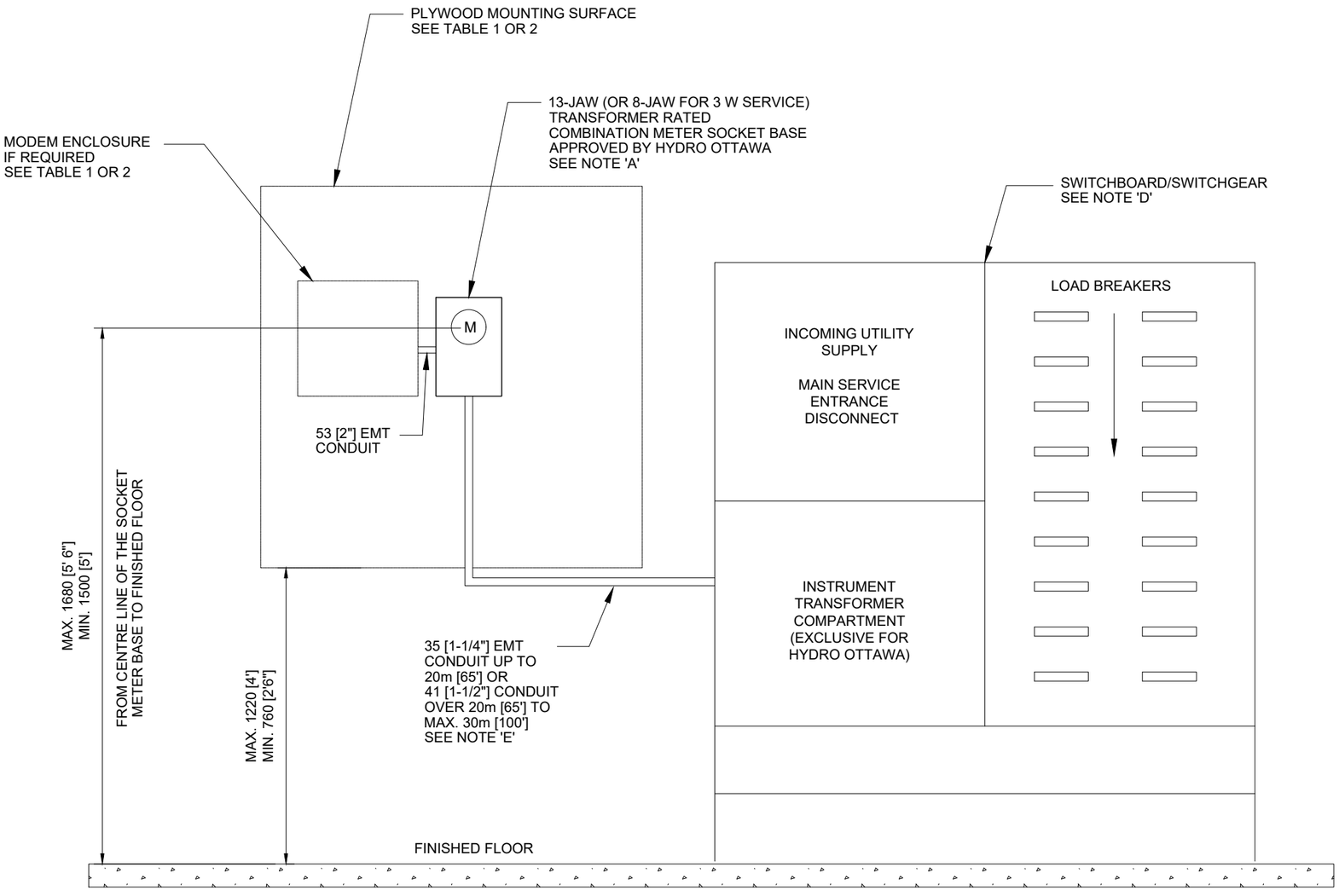
For Hydro Ottawa Use Only Copyright 2025



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) 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 GCS0032 FOR PRIMARY REVENUE METERING REQUIREMENTS.

(3) REFER TO MCS0129 FOR MODEM ENCLOSURE REQUIREMENTS.

REVISIONS	PREP	CHKD	APPD
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
REV: 8 DATE: 2025-05-07 CHANGE: UPDATED NOTE (1)	LG	FK/ RH	YB

HydroOttawa
WWW.HYDROOTTAWA.COM

PREP: F. BOLO
CHKD: B. PECK
APPD: C. MALONE P.Eng
DATE: 2003-07-22
SCALE: N.T.S. @ ANSI B

TITLE: ENGINEERING SPECIFICATION
120V/208Y AND 347V/600Y, 3PH, 4W,
>200A OR PRIMARY SERVICES
INDOOR INTERVAL METERING WITH
SWITCHBOARD/SWITCHGEAR
CONSTRUCTION DETAIL

NO: MCS0025

1 OF 1

REV: 8

LAST SAVED: 2025-05-08 11:07 AM

G:\4.2.3 TECH STD & MAT\01_STDS\01 HOL\M-METERING\C-CONSTRUCTION\MCS0025 R8 120V 208Y OR 347V 600Y, 3PH, 4W, GREATER THAN 200A OR PRIMARY SERVICES INTERVAL METERING WITH SWITCHBOARD OR SWITCHGEAR.DWG