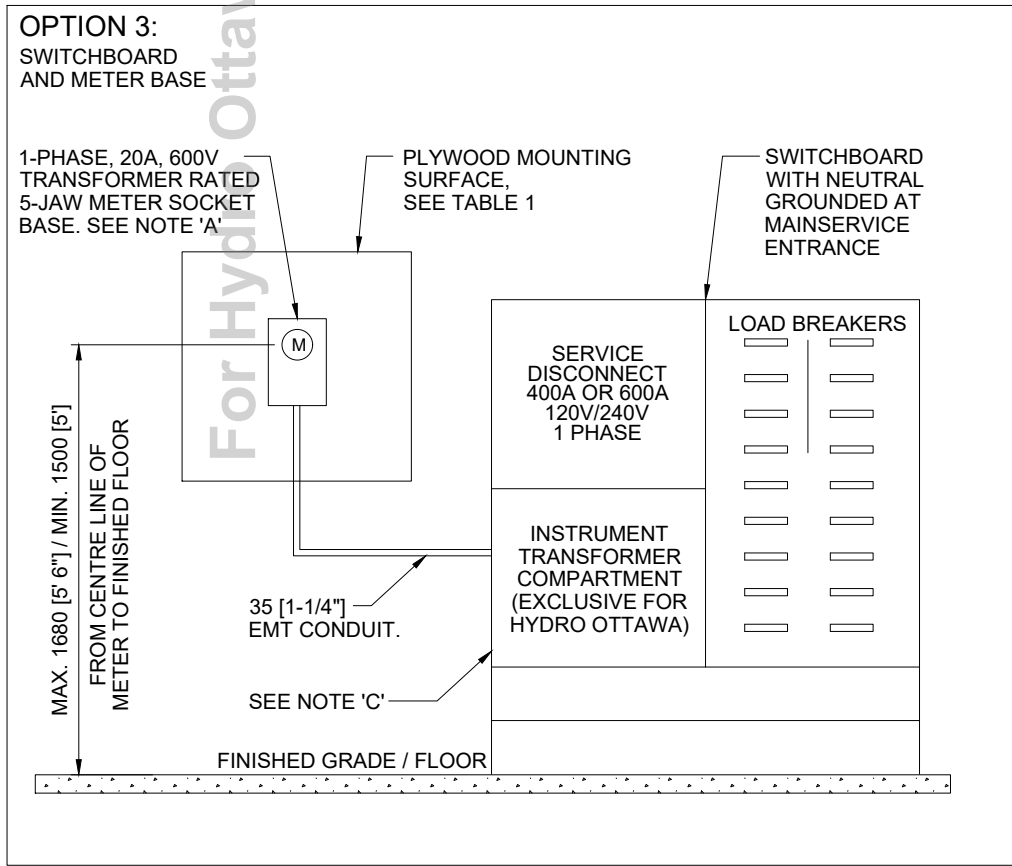



- NOTES:**
- A. REFER TO HYDRO OTTAWA METER SPECIFICATION GCS0008 AND TABLE 1 BELOW FOR HOL APPROVED METER BASE AND INSTALLATION DETAILS.
  - B. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
  - C. FULL SIZE NEUTRAL FROM MAIN SERVICE DISCONNECT TO ISOLATED NEUTRAL BLOCK LOCATED IN INSTRUMENT TRANSFORMER CABINET/COMPARTMENT.
  - D. REFER TO MCS0105 FOR MINIMUM CLEARANCE IN FRONT OF METERING EQUIPMENT.
  - E. CONDUCTORS TO MEET REQUIREMENTS OF TABLE 1 AND BE PULLED THROUGH METER BASE/CABINET WITH SUFFICIENT SLACK FOR HYDRO TO CUT AND TERMINATE THE CONDUCTORS AT THE METERING INSTRUMENT TRANSFORMER.
  - F. RIGID PVC CONDUIT FOR OUTDOOR LOCATION C/W PVC EXPANSION COUPLING AS PER ONTARIO ELECTRICAL SAFETY CODE (OESC) OR EMT CONDUIT FOR INDOOR TYPE INSTALLATION.



**TABLE 1: HOL METERING REQUIREMENTS FOR COPPER CONDUCTOR INSTALLATION IN RACEWAY<sup>(1)</sup>**

SERVICE RATING	OPTION	INSTRUMENT TRANSFORMER CABINET [HxWxD]	MAX. CONDUCTOR SIZE	HOL APPROVED METER BASE	15.5-18.5 [5/8" - 3/4"] PLYWOOD MOUNTING BOARD <sup>(2)</sup> H x W
120/240V 225 TO 400A	#1	N/A	GCS0008 TABLE 3	GCS0008 TABLE 3	900 x 900 [36" x 36"]
	#2	914 x 914 x 300 [36" x 36" x 12"]	GCS0008 TABLE 6 <sup>(1)</sup>	GCS0008 TABLE 4	
	#3	N/A	OESC		
120/240V >400 TO 600A <sup>(3)</sup>	#2	1200 x 1200 x 300 [48" x 48" x 12"]	GCS0008 TABLE 6 <sup>(1)</sup>		
	#3	N/A	OESC		

(1) FOR COPPER FREE AIR RATED OR ALUMINUM CONDUCTOR INSTALLATION REFER TO GCS0008 TABLE 6A OR 6B.  
 (2) 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.  
 (3) NOT AVAILABLE FROM HYDRO OTTAWA POLE MOUNTED TRANSFORMER AND/OR DOWN TOWN SHARED INSTALLATION.

REVISIONS			PREP	CHKD	APPD	TITLE	
REV:	DATE:					 ENGINEERING SPECIFICATION COM 120V/240V, 1PH, 3W, 225A TO 600A TRANSFORMER RATED SERVICE CONSTRUCTION DETAIL	
CHANGE:							
REV:	DATE:						
CHANGE:						PREP: E. VEH CHKD: P. LEMAY APPD: R. HARRINGTON P. Eng DATE: 2021-12-10 SCALE: N.T.S. @ ANSI B	
						NO:	<b>MCS0137</b> 1 OF 1 REV: 0

LAST SAVED: 2021-12-10 1:14 PM