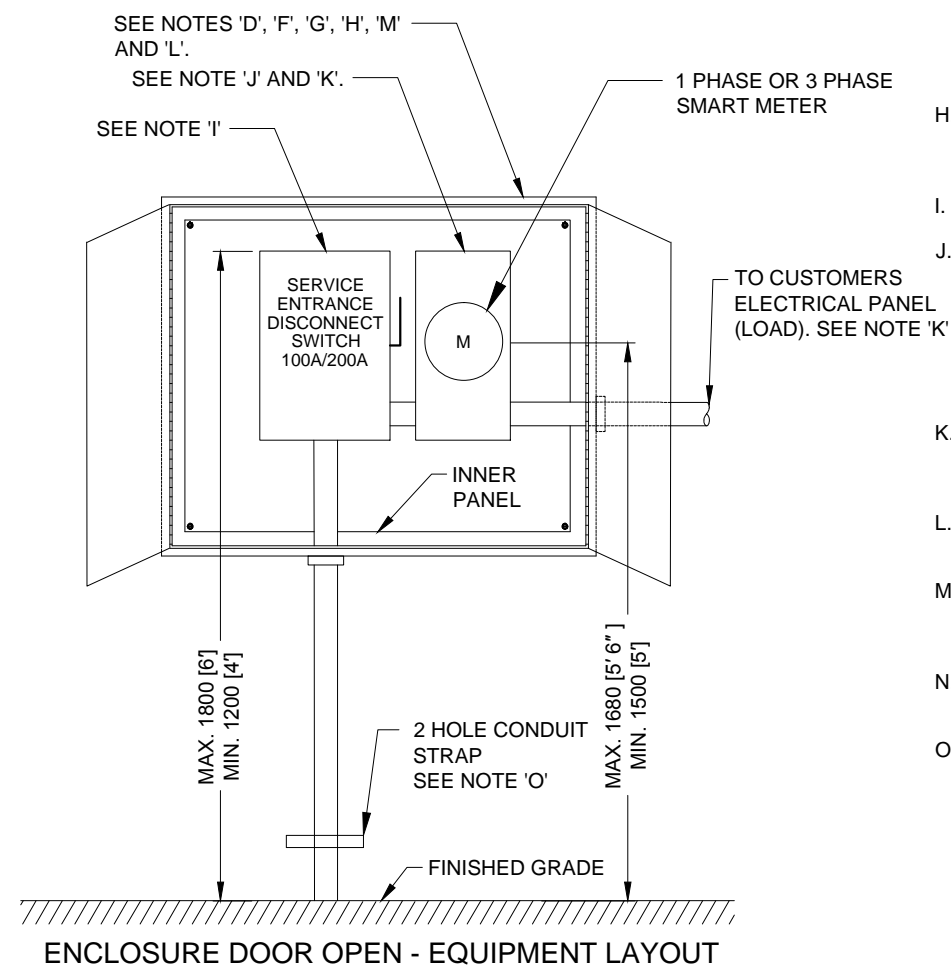
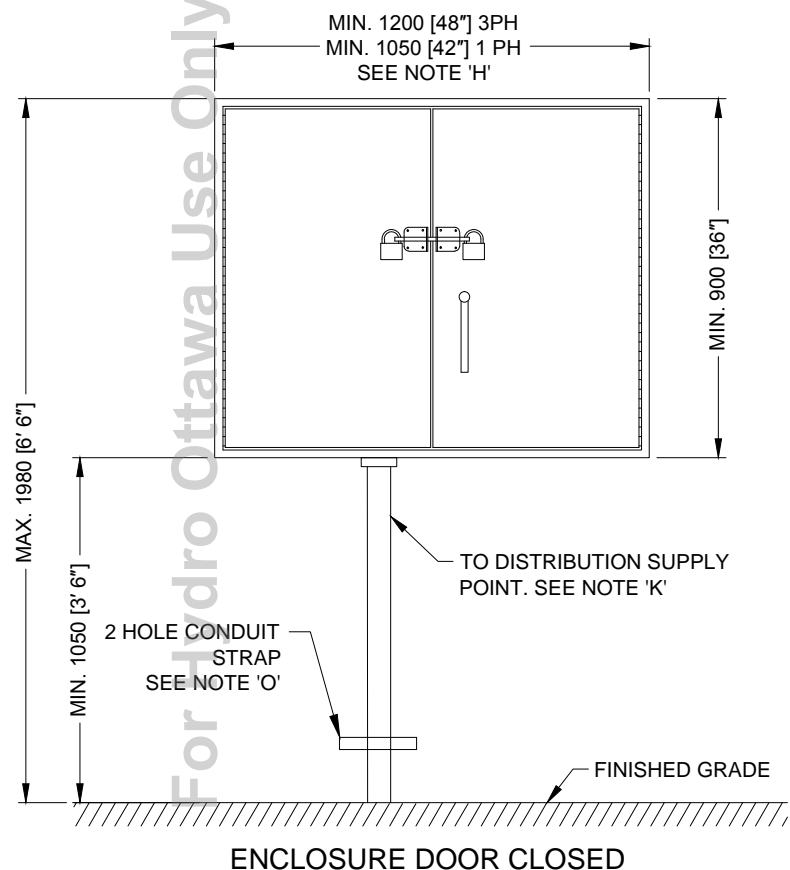
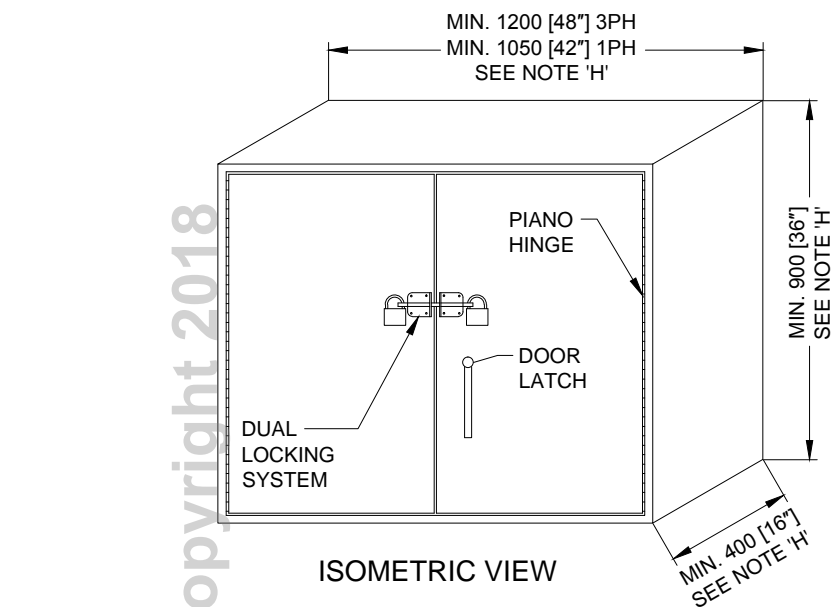


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**NOTES:**

- A. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE SPECIFIED.
- B. INSTALLATION SHALL MEET THE ONTARIO ELECTRICAL SAFETY CODE (OESC) AND HYDRO OTTAWA METERING REQUIREMENTS SPECIFIED IN GCS0008.
- C. MINIMUM CLEARANCE REQUIRED FROM THE EDGE OF THE OPERABLE DOORS OF THE ENCLOSURE WHILE THE DOORS ARE IN THE OPEN POSITION; REFER TO HYDRO OTTAWA ENGINEERING SPECIFICATION MCS0105 AND MCS0106 FOR MORE INFORMATION.
- D. ENCLOSURE DOORS SHALL NOT OBSTRUCT A SIDEWALK, WALKWAY, PEDESTRIAN TRAFFIC, VEHICLE PARKING SPACE OR VEHICULAR TRAFFIC WHEN THE DOORS ARE IN THE OPEN OR CLOSED POSITION.
- E. THE CUSTOMER SHALL PROVIDE SAFE AND UNOBSTRUCTED ACCESS FREE AND CLEAR OF SNOW AND DEBRIS TO THE SERVICE ENTRANCE DISCONNECT AND METERING EQUIPMENT WITHIN THE ENCLOSURES AT ALL TIME.
- F. ENCLOSURE SHALL BE MOUNTED ON A PERMANENT VERTICAL WALL SURFACE.
- G. METER DISCONNECT CABINET SHALL BE SUPPLIED COMPLETE WITH:
  - i. CSA TYPE 4 OR 4X OUTDOOR ENCLOSURE.
  - ii. FACTORY INSTALLED DRIP-COVER INSTALLED OVER OPERABLE DOORS.
  - iii. FACTORY INSTALLED DUAL-LOCKING SYSTEM THAT CAN ACCEPT STANDARD HYDRO OTTAWA PADLOCK WITH [3/8"] SHACKLE.
  - iv. SMOOTH CONTINUOUS WELDED SEAMS CONSTRUCTION.
  - v. ENAMEL PAINTED (COLOURED ANSI 61) OR STAINLESS STEEL.
  - vi. REMOVABLE INNER PANEL (MIN 1.52 mm THICK [#16 MSG]) C/W COLLAR STUD.
  - vii. GROUND STUD IN CABINET AND BONDING STUDS ON EACH DOOR.
  - viii. THREE POINT DOOR LATCH.
- H. ENCLOSURES SHALL BE THE MINIMUM SIZE (W x H x D) FOR THE SERVICE TYPE:
  - i. FOR 120V/240V, 1-PHASE, ≤200A INSTALLATION 1050 x 900 x 400 [42" x 36" x 16"].
  - ii. FOR 3-PHASE, ≤200A INSTALLATION 1200 x 900 x 400 [48" x 36" x 16"].
- I. SERVICE ENTRANCE DISCONNECT AND METER SOCKET BASE SHALL BE MINIMUM CSA TYPE 3R.
- J. FOR APPROVED METER SOCKET BASES:
  - i. FOR 120V/240V, 1-PHASE, ≤200A INSTALLATION USE HYDRO OTTAWA APPROVED 4-JAW METER SOCKET BASE WITH MECHANICAL LUGS.
  - ii. FOR 3-PHASE, ≤200A INSTALLATION USE HYDRO OTTAWA APPROVED 7-JAW METER SOCKET BASE WITH ISOLATED NEUTRAL BLOCK AND MECHANICAL LUGS.
  - iii. REFER TO HYDRO OTTAWA REVENUE METERING SPECIFICATION GCS0008, TABLE 1 AND TABLE 5 FOR DETAILS.
- K. ALL PVC CONDUITS THAT ENTER OR EXIT AN ENCLOSURE SHALL DO SO IN SUCH WAY THAT IT DOES NOT DE-RATE THE ENCLOSURE CSA TYPE. ALL PVC CONDUITS SHALL TERMINATE AT THE ENCLOSURE WITH THE APPROPRIATE CSA TYPE FITTINGS AND BUSHINGS.
- L. REFER TO HYDRO OTTAWA ENGINEERING SPECIFICATION MCS0016, MCS0018 AND, MCS0096 FOR METER BASE WIRING DETAILS.
- M. THE FINISHED GRADE IMMEDIATELY IN FRONT OF THE ENCLOSURE SHALL BE LEVEL FOR THE ENTIRE WIDTH OF THE ENCLOSURE INSTALLATION TO CREATE A SAFE SURFACE FROM WHICH TO PERFORM WORK AND OPERATE THE ELECTRICAL EQUIPMENT.
- N. BOLLARDS SHALL BE INSTALLED AS REQUIRED; REFER TO HYDRO OTTAWA REVENUE SPECIFICATION, GCS0008 AND HYDRO OTTAWA ENGINEERING SPECIFICATION UFS0001 FOR DETAILS.
- O. SERVICE ENTRANCE PVC CONDUIT SHALL BE SECURELY FASTENED TO THE WALL WITH A 2-HOLE CONDUIT STRAP 150 [6"] ABOVE THE FINISHED GRADE.

2018-04-09 3:08 pm

REVISIONS			PREP	CHKD	APPD	TITLE	
REV:	DATE:					 <b>ENGINEERING SPECIFICATION</b> <b>COM OUTDOOR SECONDARY</b> <b>1-PHASE OR 3-PHASE ≤ 200A</b> <b>METERED CABINET WALL MOUNTED</b> <b>CONSTRUCTION DETAIL</b>	
CHANGE:							
REV:	DATE:						
CHANGE:						PREP: BOB HARRINGTON CHKD: BOB PECK APPD: B. HAZLETT P.Eng. DATE: 2018-03-23 SCALE: N.T.S. @ ANSI B	
						NO:	1 OF 1 REV: 0
						<b>MCS0111</b>	