



NOTES:

1. ENSURE BONDING TO SERVICE GROUND IS CONTINUOUS. BONDING CONDUCTOR TO MAIN SERVICE DISCONNECT SIZED PER OESC 10-614-2.
2. CONTRACTOR TO SUPPLY PROVISION FOR TERMINATING CONDUCTORS TO BAR CT'S & BONDING CONDUCTOR WITHIN THE IT ENCLOSURE BY PROVIDING A GROUND LUG OR BAR SUITABLE FOR #10 TO 2/0 AWG CONDUCTOR(S). FOR SINGLE RUN, A DUAL LUG CONNECTOR IS REQUIRED. FOR PARALLEL RUNS A TRIPLE LUG CONNECTOR IS REQUIRED.
3. REFER TO RETAIL METERING GUIDE FOR CONSTRUCTION DETAILS.
4. USE SIDE PANEL AS ALTERNATIVE MOUNTING LOCATION FOR IT ENCLOSURE GROUND LUG.
5. 3 PHASE SERVICE REQUIRES 4' X 4' (1219mm x 1219mm x 300mm) CABINET. REFER TO RETAIL METERING GUIDE FOR DETAILED REQUIREMENTS.
6. FITTINGS MAY BE INSTALLED IN DIFFERENT CONFIGURATIONS WHILE MAINTAINING REQUIRED CLEARANCES.
7. CONDUIT DIAMETER MINIMUM 1-1/4" & SHALL MEET OR EXCEED ESA REQUIREMENTS. PER OESC SEALING RINGS REQUIRED IF INSTALLED OUTSIDE.
8. FOR BAR TYPE CT'S A MAXIMUM OF 2 x 500MCM CONDUCTORS. SEE D1 INSERT FOR DETAILS.
9. FOR DONUT TYPE CT'S A MAXIMUM OF 3 x 500MCM CONDUCTORS OR 2 x 750MCM CONDUCTORS.
10. IF INSTALLING OUTDOORS DO NOT MOUNT FITTINGS ON TOP OF IT ENCLOSURE.
11. 20A HRC FUSES SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO THE VOLTAGE CIRCUIT CONNECTION.
12. BOND WIRE FROM BACK-PLATE TO IT ENCLOSURE SAME SIZE AS BOND WIRE TO MAIN DISCONNECT AND TO BE INSTALLED BY ELECTRICAL CONTRACTOR.
13. RECEPTACLE, IPC AND AUXILIARY PT AND WIRING IS OPTIONAL.
14. REFER TO RM-16 FOR MATERIALS.
15. IPC CONDUCTOR SIZE 3/0 TO 750MCM

TITLE BLOCK REV 02 - AUGUST 2014

01	DEC 2021	ORIGINAL RM8-27.1B-0500 NOW SUPERSEDED BY THIS NEW DRAWING/REVISION.	PC	MS	MS	MS
Rev. No.	Date	Revision Particulars	dwn	ckd	des	app.
			IT ENCLOSURE, 3 X 2W BAR CT 3PH, 4W, VOLTAGES OTHER THAN 120/208V, CONSTRUCTION CWD			
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