

- 4. BELLEVILLE WASHERS ARE TO BE AS FOLLOWS: I.D. = 17/32"; O.D. = 1 3/8" MAX. APPROX. CAPACITY 3.000 LBS. THE TOP (CONVEX SURFACE) OF EACH WASHER IS TO BE MARKED SO AS TO BE CONSPICIOUS WITH THE NUT OR CAP SCREW IN PLACE.
- 5. TRANSFORMERS ARE TO BE MOUNTED BY MEANS OF CADMIUM PLATED STEEL. CAP SCREWS ON THE LINE DETAIL AND CADIMUM PLATED STEEL HEX. NUTS ON THE LOAD DETAIL.
- 6. WHEN THE CUSTOMER'S BUS IS ALUMINUM, A BELLEVILLE WASHER IS TO BE PLACED UNDER THE CAP SCREW ON LINE DETAIL AND ANOTHER UNDER THE HEX. NUT ON THE LOAD DETAIL WITH THE MARKED SIDE VISIBLE. BOLTS AND NUTS ARE TO BE TIGHTENED UNTIL THE WASHERS ARE FLATTENED, THEN BACKED-OFF 1/8 TURN.
- 7. THE BUS DETAIL MAY BE ENCLOSED IN A SEPARATE CURRENT TRANSFORMER CABINET OR IN A COMBINED SERVICE DISCONNECT AND CURRENT TRANSFORMER CABINET.
- 8. THE PART OF THE CABINET HOUSING THE TRANSFORMERS IS TO BE SEPERATED BY BARRIERS (1/8" THICK NON-FERROUS) FROM THE REMAINDER OF THE CABINET AND BE EQUIPPED WITH SEPARATE SEALABLE DOUBLE DOORS AND A THREE-WAY CATCH. THE HANDLE IS TO HAVE FACILITIES TO ACCOMODATE STANDARD COMPANY SEALS AND PADLOCKS WITH A 5/16" HASP. THE DOOR OPENING IS TO GIVE A MINIMUM CLEARANCE OF 4 INCHES (HORIZONTALLY) FROM THE CENTER LINE OF THE OUTER TRANSFORMERS AND 4 INCHES (VERTICALLY) FROM THE CENTER

 9. THE MINIMUM DEPTH OF THE CABINET IS TO BE SUCH AS TO ALLOW A CLEARANCE OF TINCHES FROM THE BUS TO THE DOORS OF 10. THE MINIMUM DEPTH OF THE CABINET IS TO BE SUCH AS TO ALLOW A CLEARANCE OF TINCHES FROM THE BUS TO THE DOORS OF 10. THE MINIMUM CLEARANCE FROM THE CENTER LINE OF THE OUTER TRANSFORMERS TO THE SIDES OF THE CABINET OR TO THE BE; CONTAINED WITHIN THE CABINET; 2 INCHES MINIMUM FROM THE SIDE OF THE CABINET; 3 5/8 INCHES MINIMUM FROM THE REAR 11. THERE IS TO BE A CLEAR SPACE OF AT LEAST 3 FEET IN FRONT OF THE CURRENT TRANSFORMER ENCLOSURE. <u>CURRENT TRANSFORMERS ARE TO BE INSTALLED ON THE LINE SIDE OF THE SERVICE DISCONNECT WHEN A SINGLE CUSTOME</u> REGULATORY AUTHORITIES HAVING JURISDICTION. THE EXCEPTION IS 265/460 VOLT SERVICE REQUIRES A DISCONNECT SWITCH 	THE CABINET. IE NEUTRAL BUS IS TO BE <u>6 INCHES</u> . THE NEUTRAL BUS MUST R OF THE CABINET. ER IS TO BE SUPPLIED BY THE SERVICE WHEN PERMITTED BY
 BY CON EDISON. ALL FLANGED NUTS REFERRED TO ON THIS DRAWING ARE TO BE FORCED FITTED IN THEIR RESPECTIVE HOLES BUS BAR CURRENT DENSITY MUST COMPLY WITH THE LATEST NYC CODE REQUIREMENTS. MAXIMUM CABLE SIZING: a. 4-SETS OF 600 KCML CABLES OR 5-SETS OF 500 KCML CABLES WITH THE ENGINEERING DESIGN CAPACITY OF 1600 AMPS AND N b. 3-SETS OF 600 KCML CABLES OR 4-SETS OF 500 KCML CABLES REQUIRE ¼" X 5" COPPER BUS. c. 4-SETS OF 600 KCML CABLES OR 5-SETS OF 500 KCML CABLES REQUIRE TWO ¼" X 4" COPPER BUS. 14. LAMINATES MUST BE INTERLEAVED WITH ½ INCH SPACE FILLERS AND NOT STACKED TO COMPLY WITH NOTE 14. 	ES.
FIELD MANUALS NO. 4 SECTION 6 AND NO. 16 SECTION 3 AND NO. 16 URING DIAGRAM FOR 200-800 AMP CTS	BUS AND CABINET DETAILS FOR INSTALLATION OF LOW VOLTAGE 400, 600 OR 800 AMP. BAR TYPE CURRENT TRANSFORMERS CONSOLIDATED EDISON COMPANY OF N.Y. INC ELECTRIC METER SHOP
ORDERING AND ASSIGNING ELECTRIC METERS AND METER DEVICESMEP NO. 47	DATE: 10/18/1948 LAST REV: 12/22/2020 MES 298-1 REV. 17
COMPUTER GENERATED DRAWING NOT TO BE HAND REVISED	DIV SIGNATURE DATE PRAWN BY DATE CHECKED BY DATE TRACED BY DATE SCALE APPROVED DWG EO-8608-B REV. CHIEF DESIGN ENGINEER DATE NO. 5000000000000000000000000000000000000