



IN LIEU OF TAP BOX OEM PIGGY BACK LUGS ARE ALLOWED IN THE METER BASE.

NO UNAUTHORIZED ACCESS IS ALLOWED TO THE METER BASE.

CENTER LINE OF METER BASE SHOULD BE BETWEEN 4'-0" AND 5'-6" ABOVE GRADE.

GROUNDING ELECTRODE CONDUCTOR

ANY WORK IN METERBASE REQUIRES UPGRADE. EMERGENCY DISCONNECT REQUIRED, AND MAY BE INTERGRATED WITH LEVER BY PASS METER SOCKET, NEC 230.85-2020

FOR CLEARANCES AROUND METER BASE REFER TO FIGURE 2.03.H

CBEC METERBASES ARE NOT TO BE USED AS A RACEWAY, SEE NEC 230.7.

NEUTRAL MUST BE IDENTIFIED

SERVICE OVERCURRENT DEVICE SHALL BE AN INTEGRAL PART OF SERVICE DISCONNECTING MEANS OR SHALL BE LOCATED IMMEDIATELY ADJACENT THERETO. NEC 230.91-2020. DISCONNECT ONLY CAN BE DONE WHEN MAIN PANEL PROTECTION IS LESS THEN 7' ELECTRICAL FEET AWAY.

FINISHED GRADE

GROUND ROD REQUIRED AT SERVICE FOR ALL DER ADDITIONS. CONSULT AUTHORITY HAVING JURISDICTION FOR GROUNDING ELECTRODE REQUIREMENTS IN YOUR AREA.

TAP BOX, MILL BANK U4540-XL, OR U4548-RXL OR EQUIVALENT. BOLTED CONNCTIONS ONLY WHICH MOUNT TO THE BACK PLANE. MEMBER TO SECURE ACCESS TO TAP BOX.

MIN #6 CU OR #4 AL WIRE FOR TAP SEE NEC 705.11.B.

10' MAX

MAIN METER

DER FUSED DISCONNECT

CORN BELT DER METER

BONDING JUMPER, 200A SERVICE REQs MIN # 4 CU or # 2 AL. FOR 320A SERVICE MIN 1/2 CU or 3/8 AL. REFER TO NEC TABLE 102.C1 FOR LARGER SERVICES.

WIRING FROM DER TO FEED TO TOP OF CORN BELT DER METER.

CORN BELT DER METER IS REQUIRED FOR INSTALLATIONS GREATER THAN 25 KW ONLY, OR MAY BE REQUIRED BY OTHER ENTITIES.

METALLIC ENCLOSURES TO BE BONDED TO GROUND, TYPICAL.

ALL WIRING MUST CONFORM WITH THE NATIONAL ELECTRIC CODE AND ALL LOCAL CODES.

ANY VARIANCE FROM THIS SPEC SHOULD BE PREAPPROVED BY CORN BELT

Corn Belt Energy Corporation



Distributed Energy Resource (DER) Tap Box Installation

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Figure 1.20A1