

IMPORTANT:

THESE ITEMS MUST ALL BE FOLLOWED OR THE LINEMAN CAN NOT HOOK UP YOUR SERVICE

CHECK IF COMPLETE

← 26'-0" MINIMUM FROM TOP OF WEATHERHEAD TO GRADE

VERY IMPORTANT

AT LEAST 18" OF TAIL WIRE NEUTRAL CONDUCTOR IDENTIFIED (WHT. OR YELLOW)

INDICATE SIZE & NUMBER OF RUNS OF CONDUCTOR

WIRE SIZE (MAX 500 MCM) NO. OF CONDUCTORS PER PHASE

ONE OR MORE IMC OR RIGID CONDUITS OF MINIMUM 2" SIZE, STRAPPED EVERY 24"

SUITABLE BRACING TO HOLD METER BASE AND MAIN BREAKER

← METER MUST BE 5' TO 6' FROM GROUND

VERY IMPORTANT

CLASS 20 METERBASE WITH PLUNGER TYPE AUTOMATIC CT CIRCUIT CLOSERS (TEST SWITCH NOT ACCEPTABLE CONTACT AVEC FOR PART NUMBERS)

← CT CABINET FOR METERING EQUIPMENT ONLY

← NOT TO BE USED FOR CONSUMER SPLICE CABINET

CONDUIT 1" MINIMUM IMC (AVEC WILL WIRE CT'S TO METER BASE)

CT CABINET 30"W X 36"T X 11"D MINIMUM, WEATHER TIGHT & SEALABLE

ELECTRICAL CONTRACTOR TO SECURELY INSTALL WINDOW STYLE DOUGHNUT TYPE CT'S SUPPLIED BY AVEC ON CONSUMER'S CONDUCTORS

INSTALL DUAL ACCESS CABLE LOOP (SEE AVEC SKETCH D2006-24)

BARE COPPER GROUND WIRE SIZED FOR SERVICE AMPERAGE
INSTALL TWO GROUND RODS AT LEAST 6' APART. CONNECT GROUND TO BOTH WITHOUT SPLICES. BURY ONLY AFTER INSPECTION

26'-0" MINIMUM

5'-6" +/- 6"

6' MIN.

FINISHED GRADE

12" MIN.

OUTSIDE DISCONNECT SWITCH MUST BE FUSED OR SOLID BLADE TYPE MUST BE SECURABLE WITH AVEC LOCK

WHEN YOUR SERVICE ENTRANCE MATCHES THIS DIAGRAM RETURN THIS FORM TO AVEC OPERATIONS 1-800-959-0324

CALL THE OPERATIONS DEPARTMENT AT 1-800-478-1818 OR EMAIL TO: operations@avec.org IF YOU HAVE ANY QUESTIONS.

INSPECTED BY _____
DATE _____

**ALASKA VILLAGE ELECTRIC CO-OP
DISTRIBUTION ASSEMBLY GUIDE DRAWING**

REV. DATE

*Service Entrance Inspection Form - CT Metering, Larger Than 200A
Mounted on Consumer Owned Utility Pole*

SCALE NONE

DATE 5-15-07

APPLICATION

ACCT. NO.

SPEC. NO.

DWG. RIL

CAD#

SHT

ENGR. M.E.T.

D2007-5

1 of 1