AVEC EQUIPMENT AND RESPONSIBILITY

CONSUMER EQUIPMENT AND RESPONSIBILITY

POINT OF CONNECTION FOR SERVICE

CONSUMER'S WIRES
MINIMUM WIRE SIZE DETERMINED BY MAIN BREAKER:
100 AMPS: #2 AWG COPPER
125 AMPS: #2 AWG COPPER
150-200A: #2/0 AWG COPPER

SERVICE WIRE AND CONNECTORS
INSTALLED AND MAINTAINED BY AVEC

WIRE GRIP AND MAST CLAMP
INSTALLED AND MAINTAINED BY AVEC

3'-6"

CONSUMER'S
2" CONDUIT (MINIMUM)
IMC OR RIGID
STRAPPED EVERY 24"

12'-0" MINIMUM

METER AND SEALS
INSTALLED AND
MAINTAINED BY AVEC

CONSUMER'S
METER BASE WITH
100 AMP (MINIMUM)
MAIN BREAKER

3' to 6'

CONSUMER'S
BARE COPPER GROUND WIRE
#6 FOR 100-125A SERVICE
#4 FOR 200A SERVICE

6 FT (MIN.)

FINISHED
GRADE

12"MIN.

AVEC

CONSUMER

CONSUMER'S (2) GROUND RODS
AT LEAST 6' APART. CONNECT GROUND
WIRE TO BOTH WITHOUT SPLICES.

# ALASKA VILLAGE ELECTRIC CO-OP

*DISTRIBUTION ASSEMBLY GUIDE DRAWING*

DATE 4-8-2009

REV. 0

## *CONSUMER EQUIPMENT AND RESPONISIBILITY*

| APPLICATION | DWG. | ACCT. NO. | SPEC. NO. | CAD# | SHT |
|---|---|---|---|---|---|
| 120/240VAC 1ø SERVICE, 100A/200A | ENGR. W.R.S. | | | | 1 OF 1 |