



MATERIALS SUPPLIED AND INSTALLED BY CONSUMER

1. One combination overhead meter base and main disconnect. Main disconnect rated 100 amp, 125 amp, 150 amp or 200 amp, depending on connected load. Normally a 100 amp service is adequate for village homes.
2. One 2" meter base hub with screws.
3. One meter ring. (Normally comes with Meter Base)
4. Ten to twenty (10' to 20') feet of 2" rigid steel conduit or intermediate metal conduit (IMC) depending on roof height. Weatherhead must extend 3'-6" above the roof.
5. Minimum of three 2" conduit straps with lag screws every 24".
6. One dektite #2 roof flashing.
7. Twelve Tek self-sealing flashing screws (#12 X 1").
8. One tube silicone rubber caulk.
9. One 2" hose clamp.
10. One 2" weatherhead.
11. Ten (10') feet of bare #6 AWG solid soft drawn copper wire (#4 AWG for 200A service).
12. Five 1" cutpoint staples.
13. Two 5/8" X 8' copper clad steel ground rod.
14. Two 5/8" ground rod clamp.
15. Forty-five to seventy-five (45'-75') feet of copper cable with 600 volt XHHW type insulation. #2 AWG for 100 amp service, or #1 AWG for 125 amp service, or #1 AWG for 150 amp service, or #2/0 AWG for 200 amp service.
16. Corrosion Inhibitor.
- * 17. Branch Circuit Breaker Loadcenter
- * 18. One 1-1/4" X 6" Nipple
- * 19. Four 1-1/4" Locknuts
- * 20. Two 1-1/4" Insulated Bushings.

* Additional Materials at consumers option

MATERIALS SUPPLIED AND INSTALLED BY AVEC

1. One Meter.
2. One or Two Meter Seals.
3. One insulated conduit clevis.
4. One wedge clamp or grip.
5. Three splices.
6. Required overhead service triplex.

OPTIONAL DEPENDING UPON LENGTH OF SERVICE DROP

1. One service bracket.
2. Ten (10') feet of 1/4" guy strand.
3. Two U-bolt clamps for 1/4" guy strand.
4. One 3/8" screw hook

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

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**OVERHEAD SERVICE ENTRANCE
EQUIPMENT INSTALLATION GUIDE**

APPLICATION
200 AMP OR LESS

DWG. R. MONAHAN
ENGR. M. TEITZEL

ACCT. NO.
SCALE NONE

SPEC. NO.
M24-10A

CAD# 92-11

SHT
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