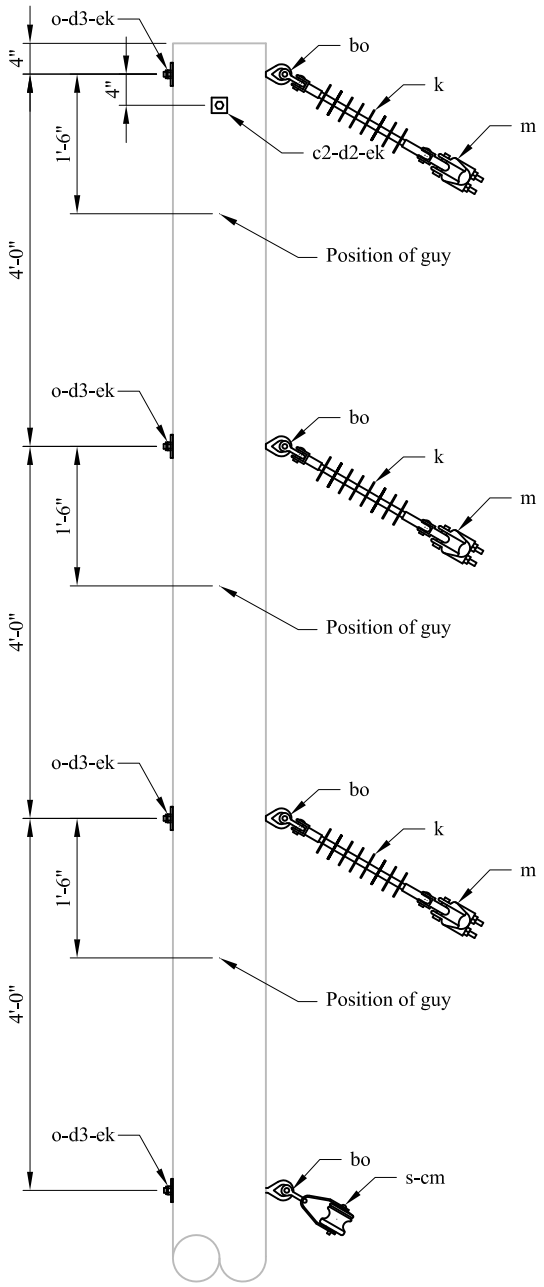


Notes:

1. Assembly units "VA5.2" or "VA5.5" may be used if additional climbing space is desired.
2. If additional down guys are required, construct similar to "E2.3G.
3. See "N2.1", "N3.1" for alternate neutral assemblies for smaller conductors

| ITEM | NO. | MATERIAL | ITEM | NO. | MATERIAL |
|---|---|---|---|---|---|
| c2 | 1 | Bolt, machine 5/8" x req'd length | cm | 1 | Insulator, spool 3" |
| d2 | 2 | washer, square 2" x 2" x 11/16" | ek | 5 | Locknuts |
| d3 | 4 | Washer, curved 3" x 3" x 11/16" | | | |
| k | 3 | Insulator, polymer distribution deadend | | | |
| m | 3 | Clamp, suspension | | | |
| o | 4 | Bolt, oval eye, 5/8" x req'd length | | | |
| s | 1 | Clevis, swinging | | | |
| bo | 4 | Shackle, anchor | | | |

DESIGN PARAMETERS:

Allowable Longitudinal Load:
5,000 lbs/conductor
20° - 60° for #1/0 and 336 ACSR
30° - 60° for smaller conductors

# 24.9 / 14.4 KV, 3-PHASE
# VERTICAL SUSPENSION ANGLE CONSTRUCTION
# SMALL OR LARGE CONDUCTORS

RUS
03/24/08
Rev. 0

POWDER RIVER ENERGY CORPORATION

VC3.1