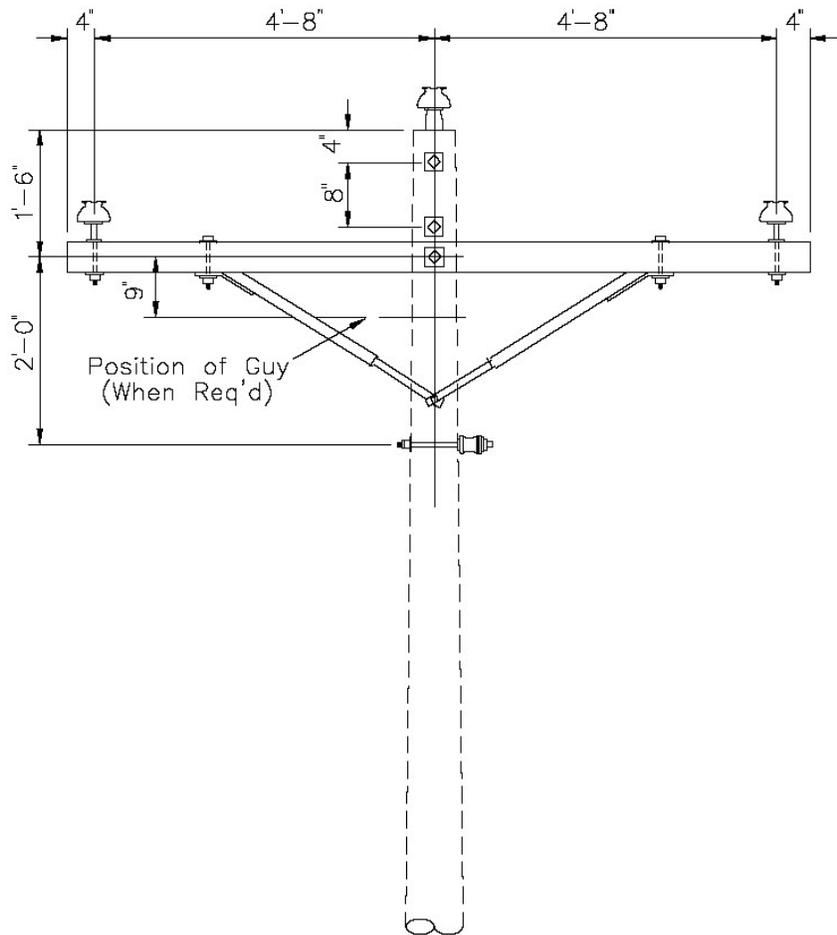


NOTES:

1. See "C1" and "C2" drawings for additional construction details and materials.
2. All down guys must be insulated at top of pole.

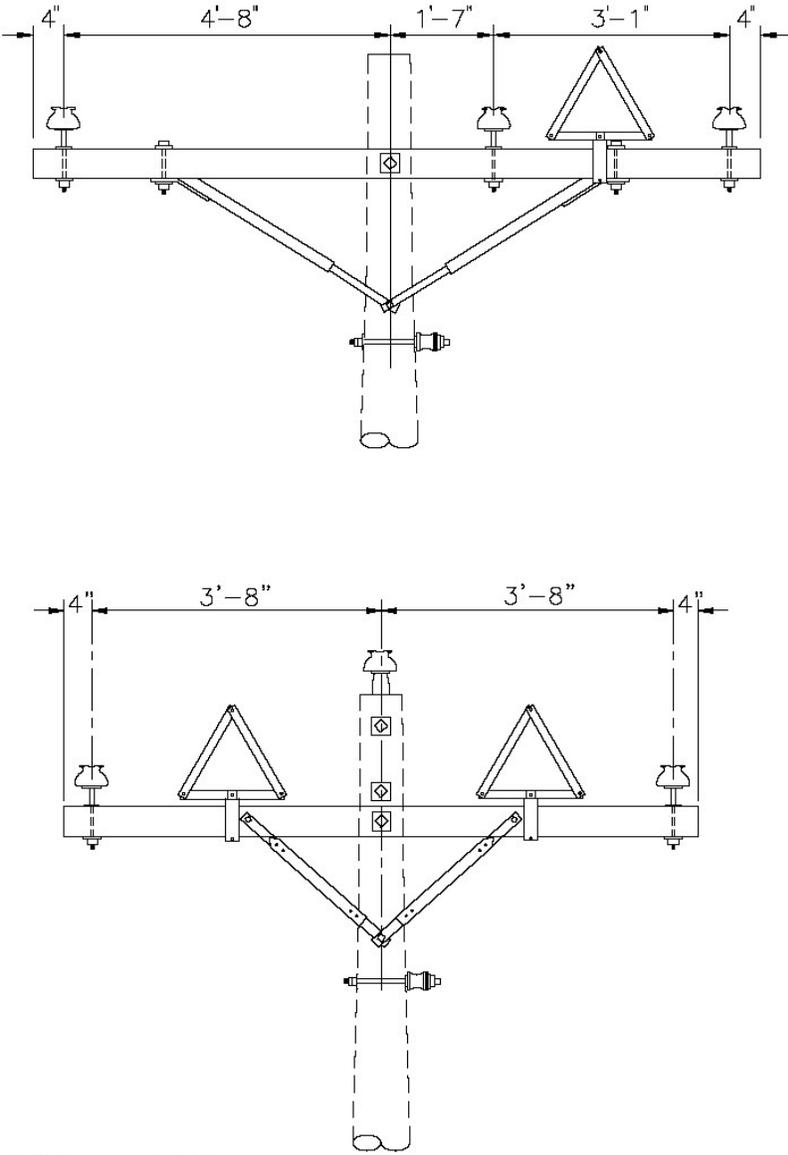
|                    |  |                                   |          |
|--------------------|--|-----------------------------------|----------|
| DESIGN PARAMETERS: | RAPTOR PROTECTION ASSEMBLY GUIDE<br>SUPPORT ON<br>8 FOOT CROSSARMS (TANGENT) |                                   |          |
|                    | RUS  | 3 - PHASE PRIMARY<br>12.47/7.2 kV | FIGURE 1 |



NOTE:

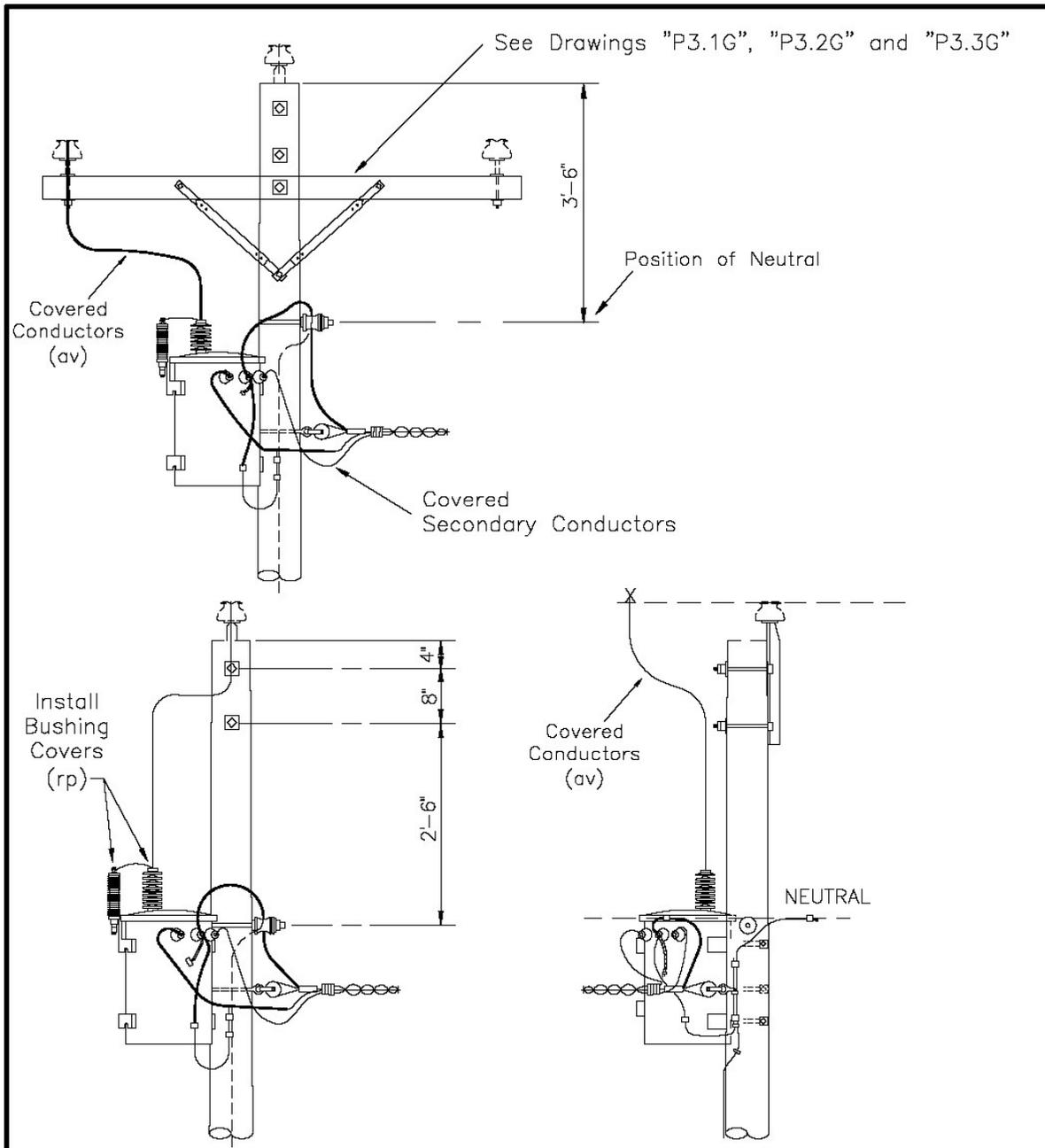
1. See "C1" and "C2" drawings for additional construction details and materials.

|                    |   |                                   |          |
|--------------------|---|-----------------------------------|----------|
| DESIGN PARAMETERS: | RAPTOR PROTECTION ASSEMBLY GUIDE<br>SUPPORT ON<br>10 FOOT CROSSARMS (TANGENT) |                                   |          |
|                    | APR 2002<br>RUS   | 3 - PHASE PRIMARY<br>12.47/7.2 kV | FIGURE 2 |



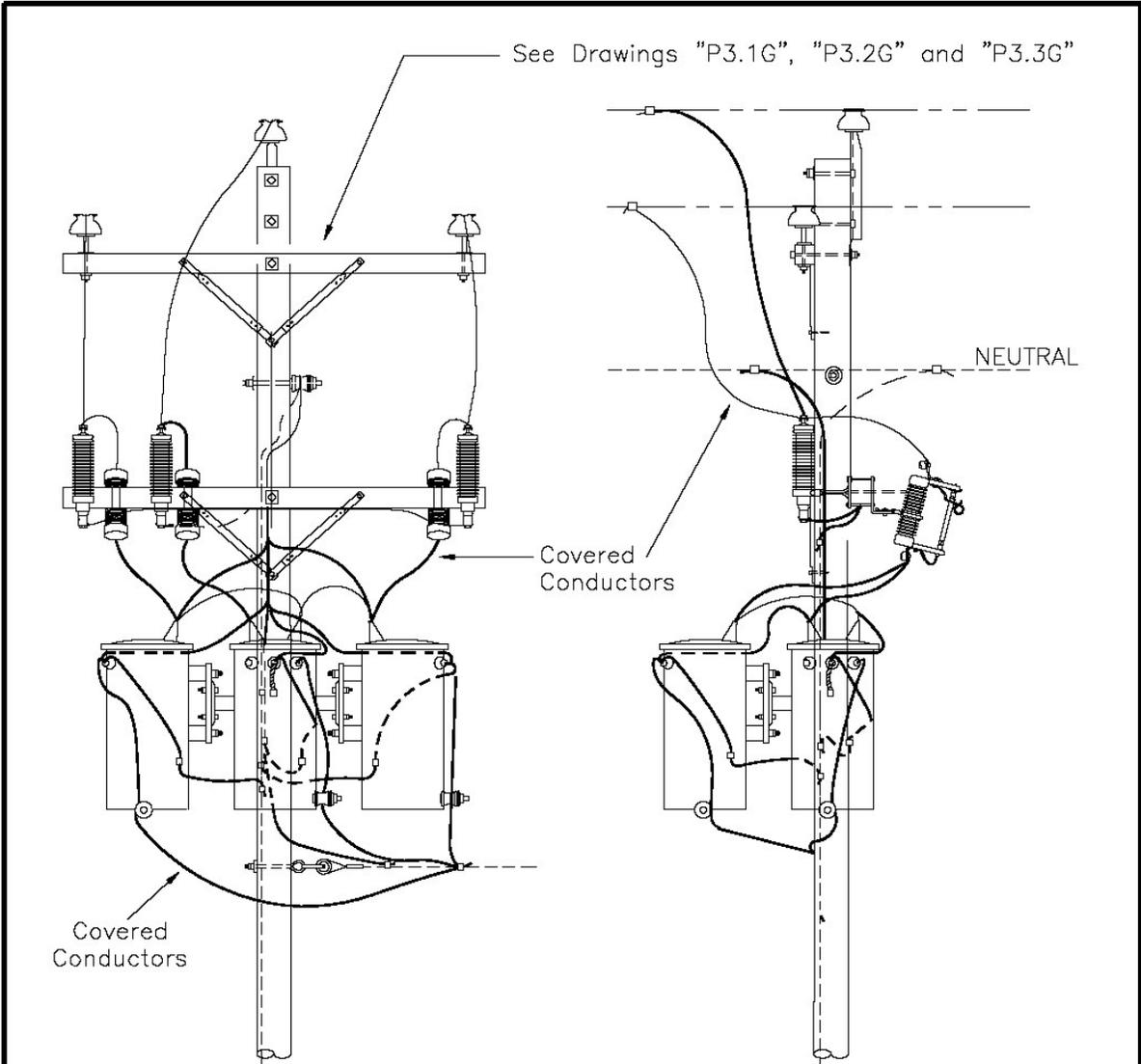
NOTE:  
 1. See "C1", "C2", and "C3"  
 drawings for additional construction  
 details and materials.

|                    |   |                 |          |
|--------------------|---|-----------------|----------|
| DESIGN PARAMETERS: | RAPTOR PROTECTION<br>PERCH GUARDS-GUIDE |                 |          |
|                    | MAY 2002                                | 3-PHASE PRIMARY | FIGURE 3 |
| RUS                | 12.47/7.2 kV                            |                 |          |



Note: Specify Insulated Transformer Covers (Lids);  
 Minimum Dielectric Strength=15kV

|  |   |              |
|--|---|--------------|
| DESIGN PARAMETERS:<br><br>See Guide Drawing "G1.2" | <b>RAPTOR PROTECTION</b><br>SINGLE-PHASE, CSP TRANSFORMER<br>(TANGENT POLE) |              |
|  | May 1, 2001<br>RUS  | 12.47/7.2 kV |
|  |   | FIGURE 4     |



- Notes: 1. Specify Insulated Transformer covers (lids);  
 Minimum Dielectric Strength 15kV  
 2. Install bushing covers (rp) on all surge arresters  
 and transformer bushings.

|                          |                   |                                  |  |
|--------------------------|-------------------|----------------------------------|--|
| DESIGN PARAMETERS:       |                   | RAPTOR PROTECTION ASSEMBLY GUIDE |  |
| See Guide Drawing "G3.3" |                   | THREE-PHASE TRANSFORMER BANK     |  |
| JUNE 2002                | 3 - PHASE PRIMARY | FIGURE 5                         |  |
| RUS                      | 12.47/7.2 kV      |                                  |  |