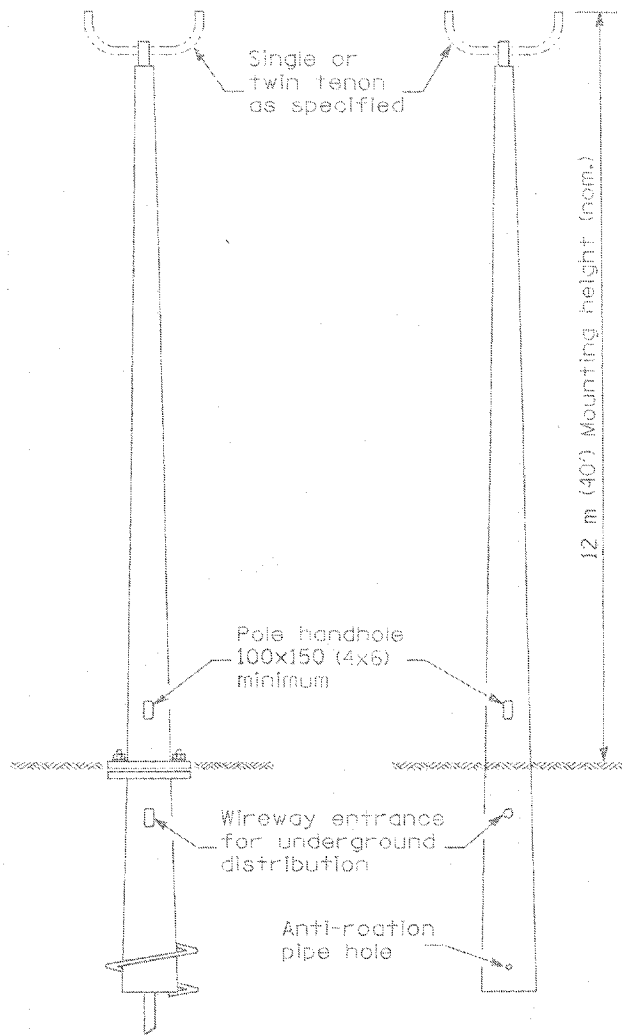
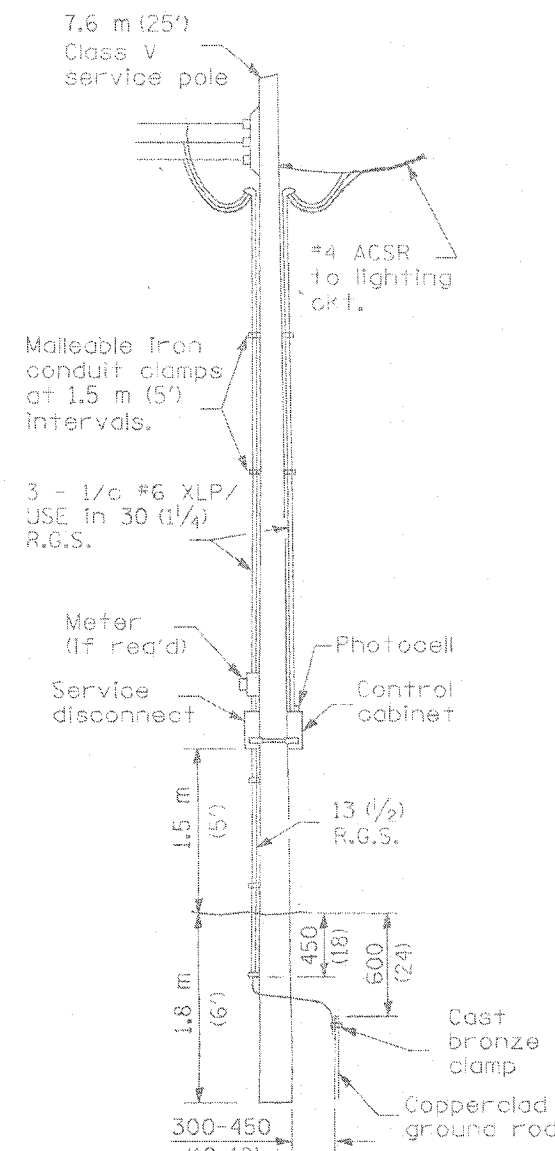


| F.A.P. RTE.         | SECTION         | COUNTY                    | TOTAL SHEETS | SHEET NO. |
|---------------------|-----------------|---------------------------|--------------|-----------|
| 301                 | (2HB-2, 2HB-10) | WINNEBAGO                 | 107          | 103       |
| STA.                |                 | TO STA.                   |              |           |
| FED. ROAD DIST. NO. |                 | ILLINOIS FED. AID PROJECT |              |           |

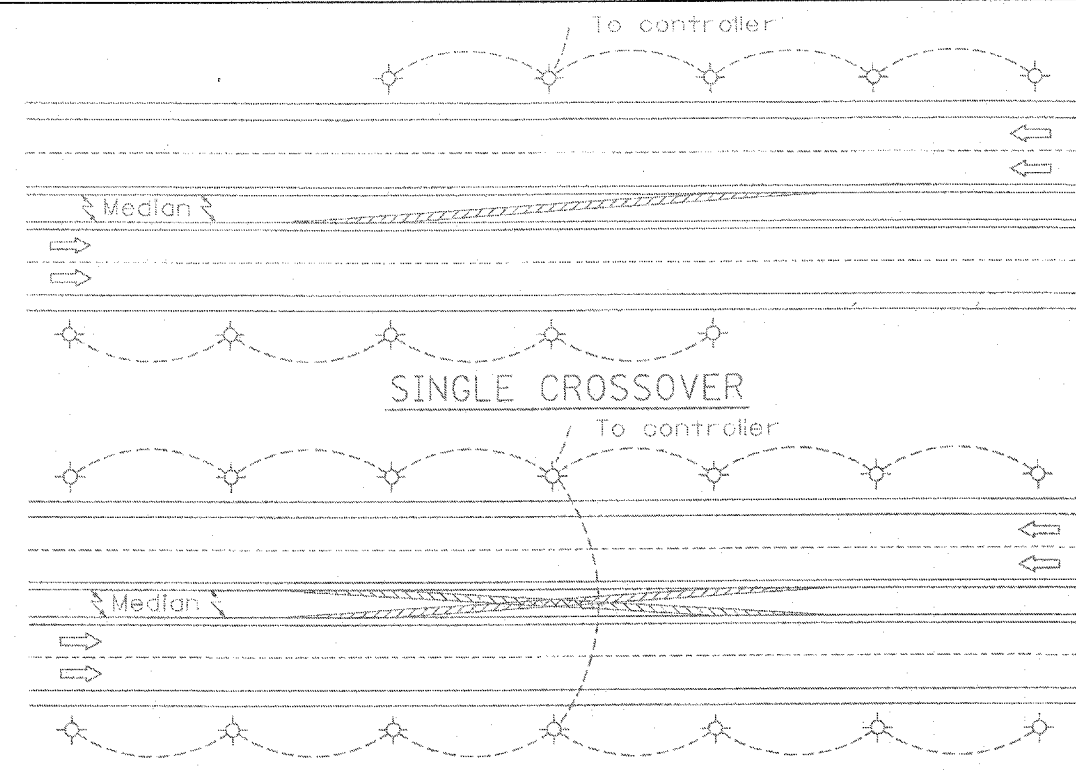


**ANCHOR BASE W/  
METAL FOUNDATION**      **BUTT BASE**

**POLE, FIBERGLASS  
BREAKAWAY TYPE**



**SERVICE  
INSTALLATION**



**SINGLE CROSSOVER**

**DUAL CROSSOVER**

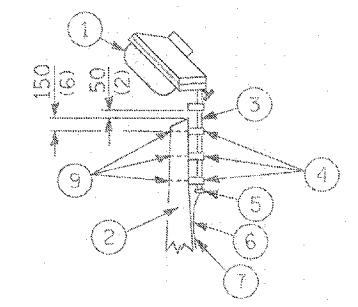
NOTE:

Min. Pole spacing 60 m (200')  
Max. Pole spacing 75 m (250')  
  
Setback shall be min. 9 m (30')  
or 1.5 m (5') back of ditch, unless  
breakaway type pole is used.

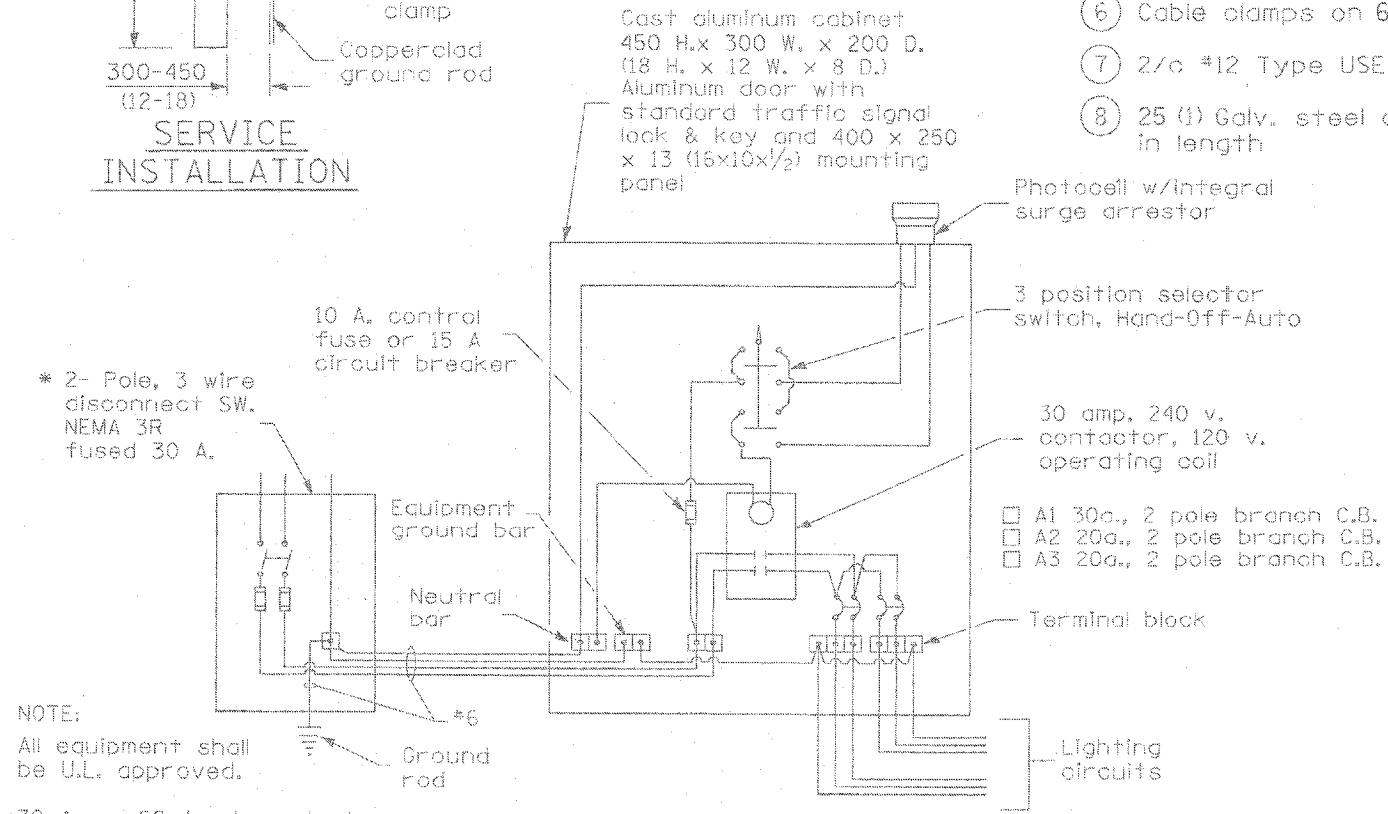
- ① Luminaire
- ② Wood pole, class 3 or better
- ③ 63 (2 1/2) Galv. steel conduit
- ④ Single offset pole band
- ⑤ Conduit bushing
- ⑥ Cable clamps on 600 (24) centers
- ⑦ 2/c #12 Type USE cable
- ⑧ 25 (1) Galv. steel conduit 3.0 m (10') in length

NOTE:

Luminaire(s) shall be oriented and the mounting angle adjusted as recommended by the Engineer.  
  
Connect luminaire equipment ground to ACSR messenger.



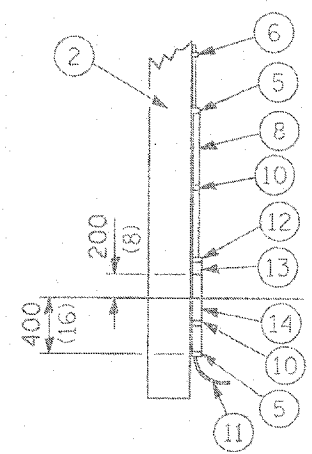
- ⑨ 16 (5/8) Ø hot dipped galvanized bolt with flat washer & locknut (3 req'd)
- ⑩ Conduit clamps on 900 (36) centers
- ⑪ Unit duct
- ⑫ Threaded reducer
- ⑬ "C" Condulet, threaded
- ⑭ 40 (1 1/2) Galv. steel conduit for 1 unit duct or 75 (3) galv. steel conduit for 2 or 3 unit ducts.



**WIRING DIAGRAM**

NOTE:  
All equipment shall be U.L. approved.

\* 30 A. or 60 A., dependent upon utility co. rules.



**POLE, WOOD**

| POLE LENGTH  | DEPTH IN GROUND |
|--------------|-----------------|
| 19.8 m (65') | 3.6 m (12')     |
| 18.0 m (60') | 3.0 m (10')     |
| 16.8 m (55') | 2.7 m (9')      |
| 16.0 m (50') | 2.4 m (8')      |
| 13.7 m (45') | 2.1 m (7')      |
| 12.0 m (40') | 2.0 m (6.5')    |
| 10.7 m (35') | 1.8 m (6')      |
| 9.0 m (30')  | 1.7 m (5.5')    |

All dimensions are in millimeters (inches) unless otherwise shown.

**TEMPORARY LIGHTING SYSTEM**

PLOT DATE = 6/29/2007  
 FILE NAME = P:\2273-06  
 PLOT SCALE = 1/8"=1'-0"  
 SHEET NO. = 103