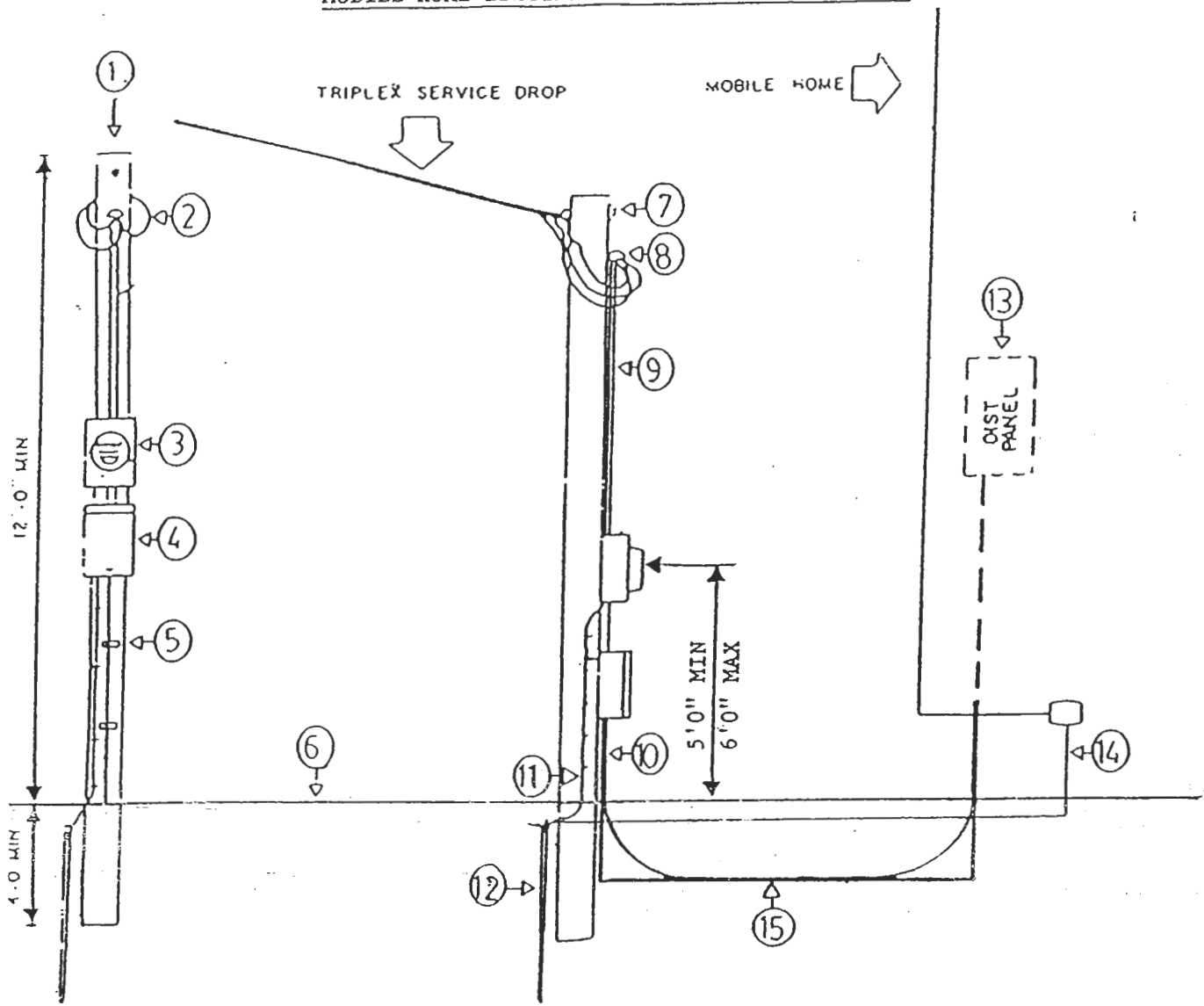


# MOBILE HOME ELECTRICAL SERVICE INSTALLATION



1. Treated round pole or 16' long (6"x6") treated square pole.
2. Riser wire must extend out of weather-head 18"-24" and neutral must be marked with white tape at weather-head and in meter base.
3. Meter base
4. Regular trailer disconnect panel
5. Straps
6. Earth
7. 5/8" Eye bolt
8. Weather-head
9. Schedule 80 PVC or rigid galvanized
10. Schedule 80 PVC or rigid galvanized
11. No. 4 Solid bare copper wire
12. 5/8" x 8' Ground rod
13. Distribution breaker panel
14. No. 4 Solid bare copper mobile home frame ground
15. Schedule 40 PVC may be used 10" underground

**NOTE:** Comply with NEC Article #550-16

100 AMP	200 AMP
16' Min. Length 8" Round	16' Min. Length 8" Round
2 - No. 2 Stranded copper wire hot legs 1 - No. 4 Neutral stranded copper wire 1 - No. 6 Green colored insulated conductor for panel ground	2 - 2/0 Hot legs    1 - 1/0 Neutral
100 AMP	200 AMP
100 AMP	200 AMP
1 1/4"	2"
5/8"	5/8"
1 1/4"	2"
1 1/4"	2"
1 1/4"	2"
No. 4	No. 4
100 AMP	200 AMP
100 AMP	200 AMP
Galvanized rigid/Schedule 80	Galvanized rigid/Schedule 80

## **Mobile Home Electrical Service Installation**

1. Purchase electric permits at the City Hall.
2. Pick up meter base at Humboldt Utilities after purchasing all permits needed for your installation.
3. Pole location must be determined by Humboldt Utilities' Electric Department. The service line length will determine if the service pole must be guyed for support. If so, this will be determined at this time also. Comply the NEC Article #550-16.
4. After completing all of the Mobile Home Electrical Service Installation, call the City Inspector (784-3717 or 784-2511) for an inspection.