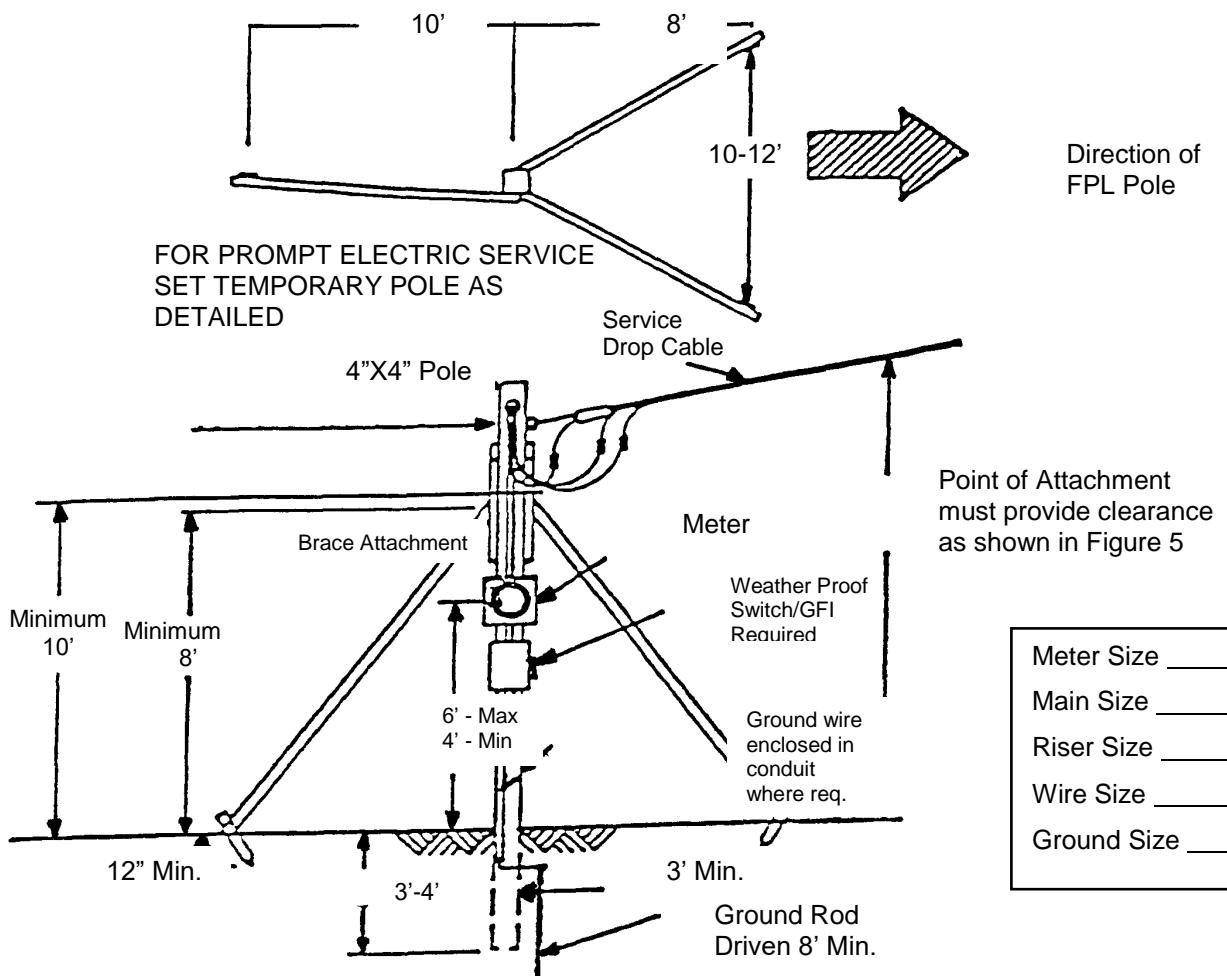




**CITY OF BOYNTON BEACH**  
**BUILDING DEPARTMENT**  
100 EAST OCEAN AVE BOYNTON BEACH FL 33435  
(561)742-6000

## **ELECTRIC POLE (TEMPORARY)**

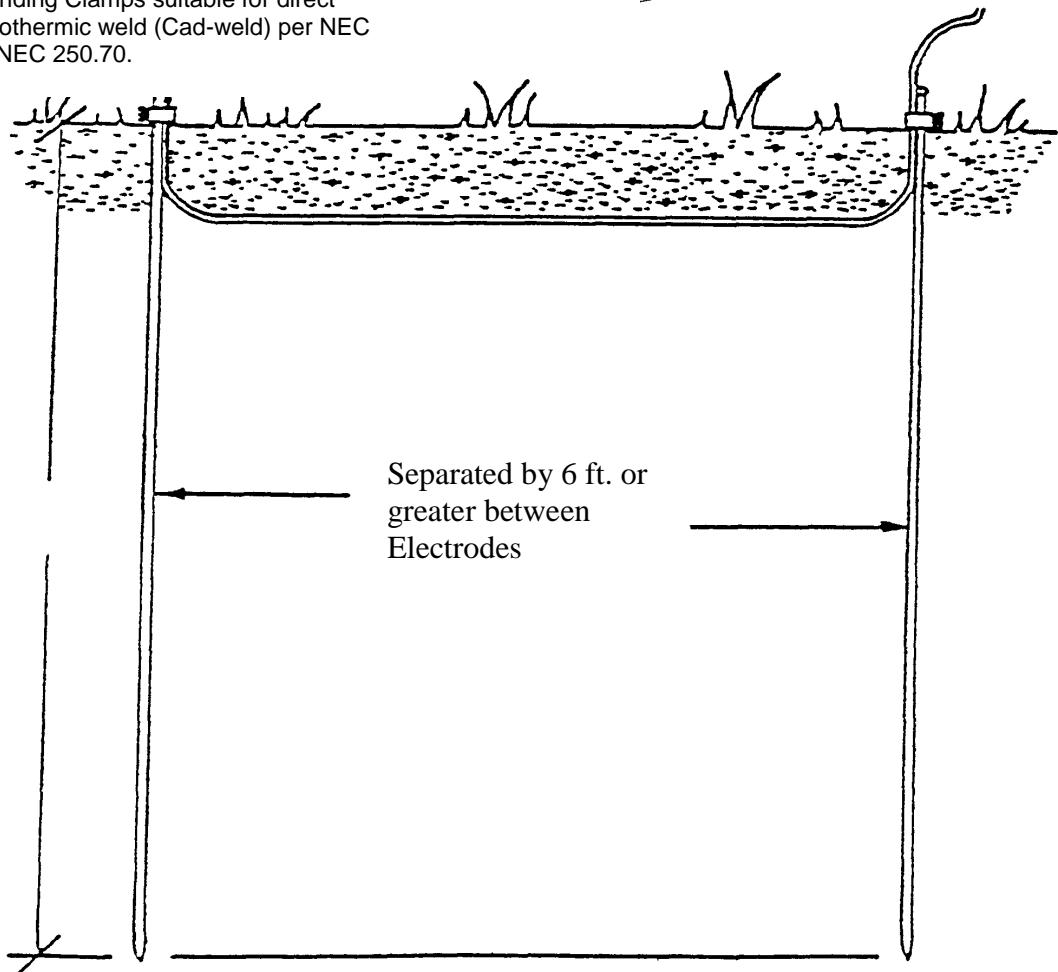


Notes per FPL standards:

1. Before service can be run, company must have electrical inspection OK; necessary tree trimming must be done; deposit arrangements must be made. The non-refundable charge must be paid.
2. Service pole must not be within 25 feet of swimming pool and must provide clearances shown on Figure 5.
3. Un-spliced timbers required; minimum length 12 feet for 2x4's and 16 feet for 4x4's. Use ten-penny nails (3" long).
4. Special arrangements must be made if service drop exceeds 80 feet, or is larger than 100-ampere capacity.
5. Minimum typical requirements are shown. If local code requirements are more stringent, they must be followed.
6. The surface the meter socket is mounted on must be plumb so that the meter socket jaws are truly vertical.
7. Where acceptable to the inspecting authority, an 18 foot treated pole (5" minimum diameter at top) may be substituted for the 4x4 timber and braces provided the pole is set 5 feet deep and well tamped. All other requirements remain the same.

## GROUNDING ELECTRODE SYSTEM

Listed Grounding Clamps suitable for direct  
Burial or Exothermic weld (Cad-weld) per NEC  
250.8, and NEC 250.70.



Effective Date: Primary Building and/or Electrical Permits applied for on or after September 1, 1997. On free-standing Temporary Services, Irrigation Services, Lift Stations, Sign Services, and like Electrical Services, a second Grounding Electrode (Ground Rod) will be required were none of the other electrodes are available (as described in NEC 250.50). The second Grounding Electrode (Ground Rod) must be placed no closer than 6 feet apart and effectively bonded together. The second Grounding Electrode is not required when the Electrical Contractor can demonstrate the first Electrode measures 25 Ohms or less to ground (NEC Article 250.56). All work shall comply with the 2014 National Electrical Code.

CIRCUIT BREAKER PANEL SCHEDULE					PANEL #
CIRCUIT	C.B. SIZE	CIRCUIT DESCRIPTION	LOAD (WATTS)	WIRE SIZE	
1					
3					
5					
7					
9					
11					
13					
15					
17					
19					
21					
23					
25					
27					
29					
31					
33					
35					
37					
39					
41					
<b>TOTAL ESTIMATED LOAD</b>			WATTS (LESS HVAC LOAD)		
FIRST 10,000 WATTS AT 100%			WATTS		
REMAINING WATTS AT 40%			WATTS		
HVAC (ESTIMATED) AT 100%			WATTS		
<b>TOTAL ESTIMATED DEMAND</b>			WATTS ÷ 240 VOLTS =		
			AMPS		
2					
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					
24					
26					
28					
30					
32					
34					
36					
38					
40					
42					