



NOTES:

1. TRANSFORMER AND PRIMARY CABLE MUST BE DE-ENERGIZED BY COOPERATIVE BEFORE WORK IS PERFORMED.
2. AT NO TIME IS MEMBER OR THEIR ELECTRICIAN TO WORK INSIDE THE COOPERATIVE'S ENERGIZED TRANSFORMER.
3. INSTALLATION SHALL BE USED WHEN ONLY ONE MEMBER IS SERVED BY THE TRANSFORMER.
4. METER, CT'S AND ASSOCIATED CT WIRING SHALL BE FURNISHED AND INSTALLED BY THE COOPERATIVE. METER SOCKET FURNISHED BY THE COOPERATIVE FOR INSTALLATION BY THE MEMBER.
5. ALL PRIMARY, SECONDARY, AND 1" PVC CT CONDUIT SHALL BE FURNISHED AND INSTALLED BY THE MEMBER.
6. ALL CONDUIT TO INCLUDE PULL STRING.
7. METER POLE TO BE FURNISHED AND INSTALLED BY THE MEMBER AS SPECIFIED ABOVE
8. CONCRETE OR FIBERGLASS POST (4"x6"x8' OR 6"x6"x8') BURIAL DEPTH 3'-0" MIN.
9. CURRENT TRANSFORMERS (CT'S) TO BE FURNISHED AND INSTALLED BY THE COOPERATIVE.
10. SERVICE CONDUCTORS FROM SECONDARY SIDE OF TRANSFORMER SHALL BE FURNISHED AND INSTALLED, INCLUDING CONNECTIONS, BY THE MEMBER. COOPERATIVE WILL FURNISH ITS' STANDARD CONNECTORS ON TRANSFORMER SECONDARY.
11. ONE 5/8" X 8' GROUND ROD MAY BE USED IF MEASURED RESISTANCE TO GROUND IS 25 OHMS OR LESS.
12. THE UPPER END OF THE GROUNDING ROD SHALL BE FLUSH WITH OR BELOW FINISHED GRADE UNLESS THE ABOVE GROUND END AND THE GROUNDING ROD CONDUCTOR ATTACHMENT ARE PROTECTED AGAINST PHYSICAL DAMAGE PER NEC.
13. MEMBER SHALL ADHERE TO COUNTY CODE REQUIREMENTS IN CONJUNCTION WITH THE NEC.

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THREE WIRE SINGLE PHASE CT INSTALLATION AT TRANSFORMER

FIGURE 18A

CLAY ELECTRIC COOPERATIVE, INC.  
KEYSTONE HEIGHTS, FLORIDA

STANDARDS FOR  
ELECTRIC SERVICE

## Load

- Dehumidifiers (10) @ 2500W each
- Water pumps (2) @ 1.5HP each
- Fans (20) @ 160W each
- Lights (80) @ 720W each
- Fan (1) @ .25HP
- Air Conditioner (4) @ 4.5 ton Condensing