

## A. GENERAL NOTES

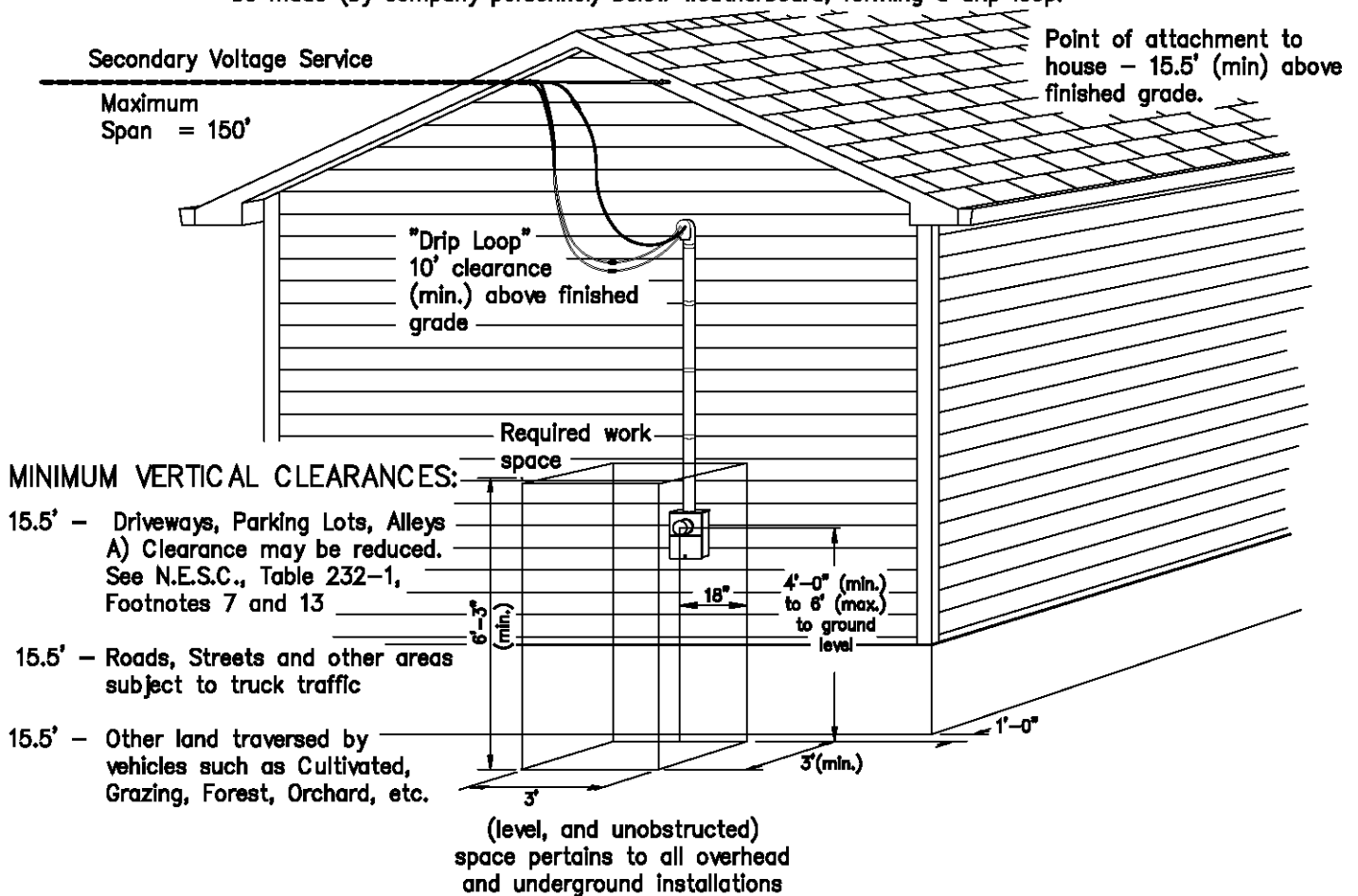
- 1 - Overhead service drop and meter provided and installed by company.
- 2 - Meter socket provided (normally) by company, and installed by customer.
- 3 - Clearances must be provided as shown below.
- 4 - Meter socket should be "readily accessible" and allow workspace as illustrated below.

## B. MOUNTING OF METER SOCKET

- 1 - Unit shall be surface mounted, with center of unit between 4'-0" and 6'-0" above final grade, in a level and plumb position.
- 2 - Unit shall be fastened to building securely using lead anchors (for brick and concrete), toggle bolts (for wood siding) or wood screws (for 2"x4" studs, log walls, or other solid lumber). All screws or bolts shall be 1/4" diameter (min.) stainless steel. A minimum of four fasteners shall be used to mount socket.

## C. SERVICE DROP ATTACHMENT

- 1 - Device for attaching service drop to building shall be furnished by company and installed securely by customer at minimum vertical clearance as shown below.
- 2 - If minimum vertical clearance cannot be maintained with the installation of an attachment bolt as shown below, the customer shall install a steel service mast.
- 3 - Connections between service drop and service entrance conductors shall be made (by company personnel) below weatherboard, forming a drip loop.



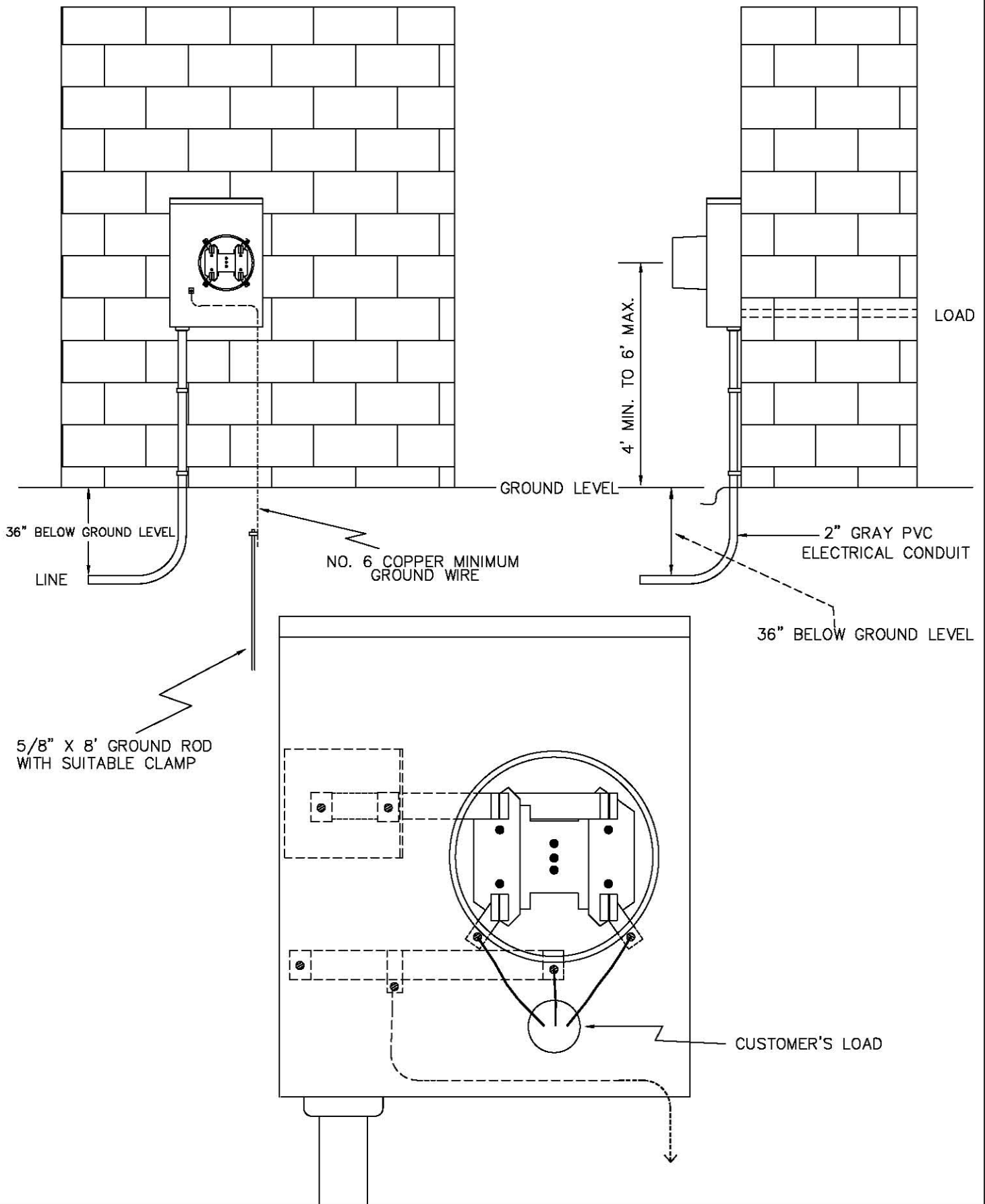
TENNESSEE  
VALLEY  
PUBLIC  
POWER  
ASSOCIATION

TYPICAL RESIDENTIAL OVERHEAD  
INSTALLATION

DATE: 09-19-91

STANDARD  
NUMBER

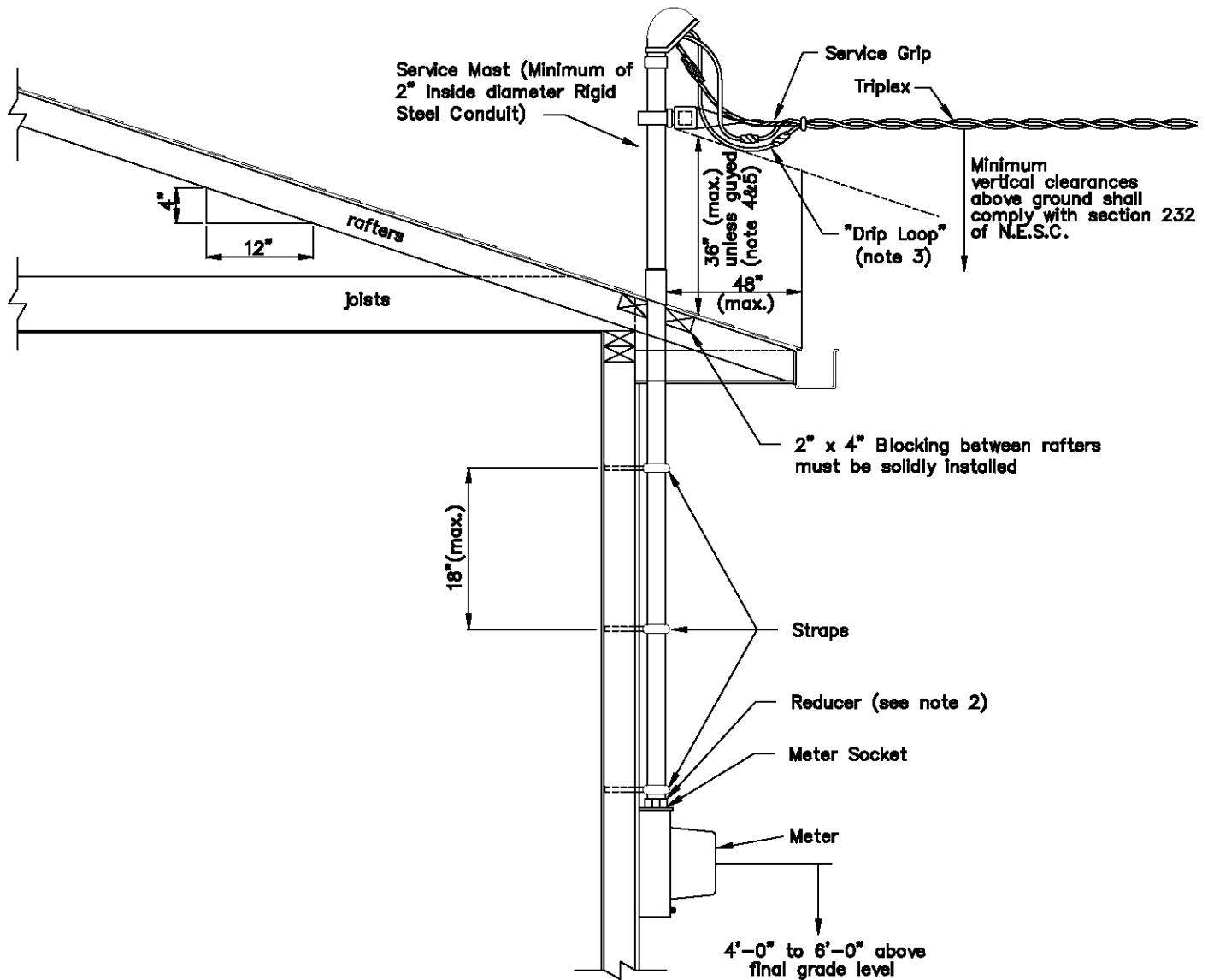
M24-11B



TALLAHATCHIE  
VALLEY  
ELECTRIC  
POWER  
ASSOCIATION

INSTALLATION GUIDE FOR  
UNDERGROUND  
SERVICE  
METERING

DATE: 1-10-2006  
STANDARD  
NUMBER  
M8-16-UG  
DRAWN BY: WDC  
APPROVED: KLD



**NOTES:**

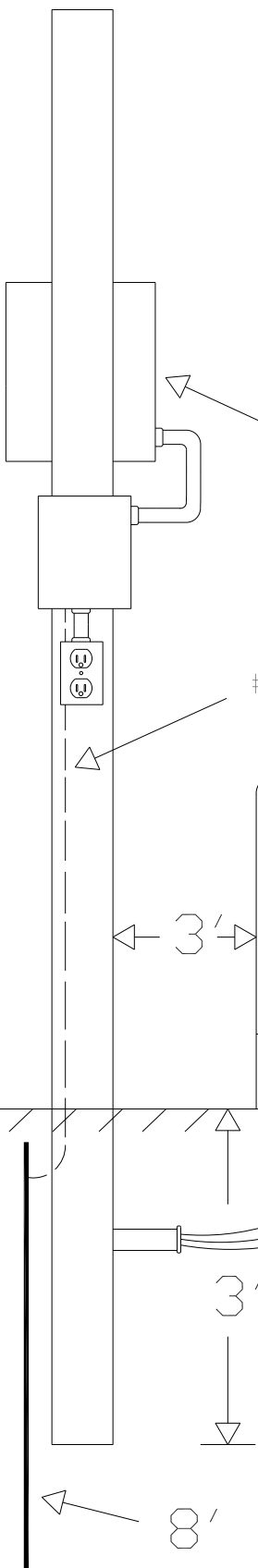
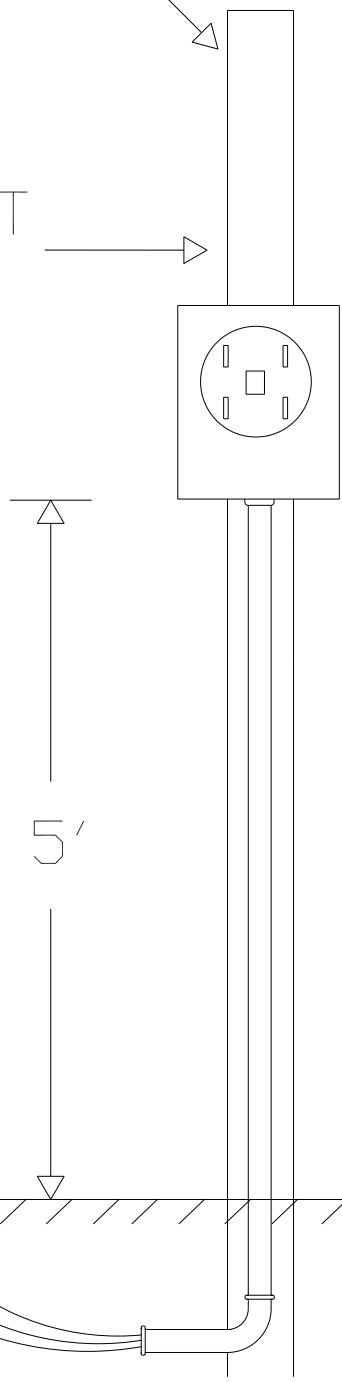
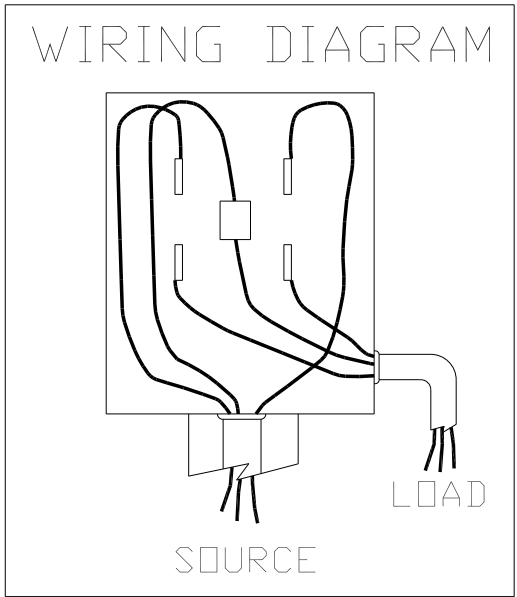
- 1- If length of Conduit exceeds 10', coupling will be permitted on end adjacent to Meter.
- 2- A Reducer may be required depending upon size of Conduit and Meter Socket.
- 3- Minimum of 10ft. clearance shall be maintained between bottom of "Drip Loop" and final grade.
- 4- If height of attachment is greater than 3ft. above the roof, the mast must be guyed.
- 5- If distance from service mast to edge of roof (drop line) is less than 48", clearance may be reduced to 18 inches. Clearances shall comply with N.E.C. Article 230.

TENNESSEE VALLEY PUBLIC POWER ASSOCIATION	<b>ASSEMBLY GUIDE OF SERVICE MAST          INSTALLATION          ( 150 VOLTS TO GROUND )</b>	DATE: 09-13-91
		STANDARD NUMBER <b>M24-11A</b>

POLE:  
10' TALL  
4"X4"  
TREATED

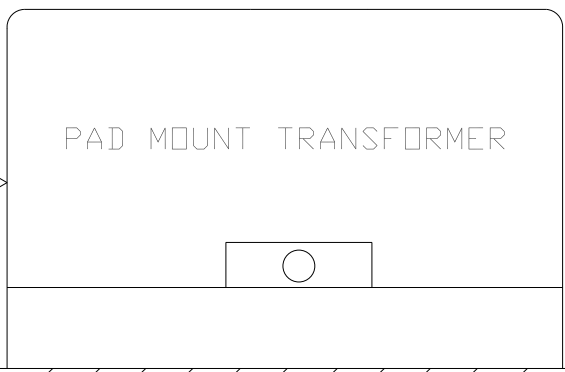
FRONT  
VIEW

REAR  
VIEW



METER SOCKET

#6 CU. GROUND WIRE



3'

18"

3'

CONDUCTORS  
MUST BE:  
- 600V URD  
- 10' LONG

8' GROUND ROD

TEMPORARY URD METER POLE	
TALLAHATCHIE VALLEY ELECTRIC POWER ASSOCIATION	
DATE: 01-02-09	DRAWN BY: KLD
MP-2	

THESE CONDUCTORS MUST BE AT LEAST 10 FEET FROM THE GROUND AND 18 INCHES LONG FOR MAKING CONNECTIONS.

WEATHER HEAD

5' MINIMUM

POLE

12' MINIMUM

METER SOCKET

GROUND WIRE - #6 COPPER OR LARGER

BREAKER BOX

SUGGESTED WIRING

SERVICE SIZE	CONDUIT SIZE	CONDUCTOR SIZE
60 AMP	1"	#6 THW
100 AMP	1 1/4"	#2 THW
150 AMP	1 1/2"	#1/0 THW
200 AMP	2"	#3/0 THW

5'

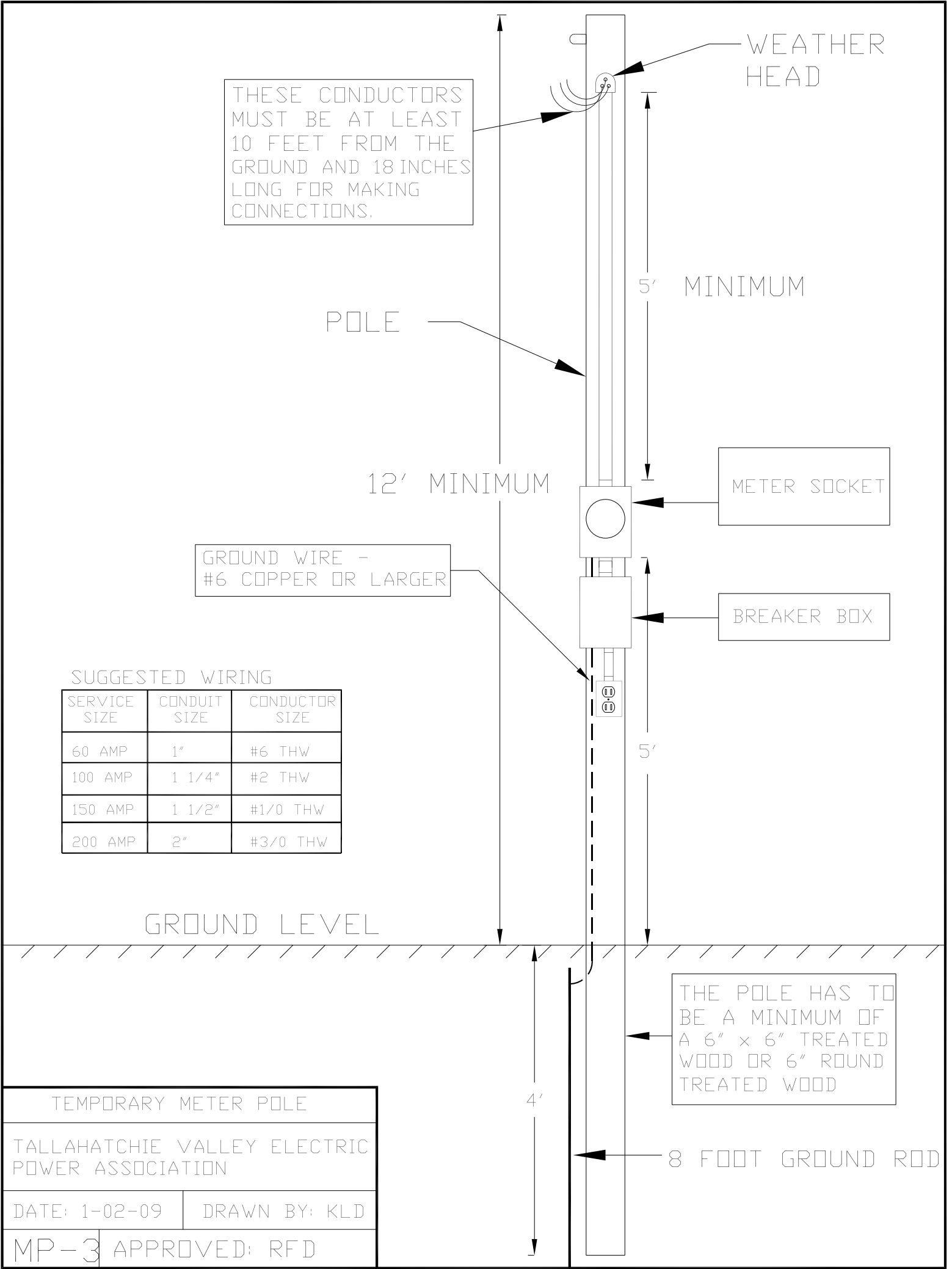
GROUND LEVEL

THE POLE HAS TO BE A MINIMUM OF A 6" x 6" TREATED WOOD OR 6" ROUND TREATED WOOD

8 FOOT GROUND ROD

4'

TEMPORARY METER POLE	
TALLAHATCHIE VALLEY ELECTRIC POWER ASSOCIATION	
DATE: 1-02-09	DRAWN BY: KLD
MP-3	APPROVED: RFD



THESE CONDUCTORS MUST BE AT LEAST 10 FEET FROM THE GROUND AND 18 INCHES LONG FOR MAKING CONNECTIONS.

WEATHER HEAD

5' MINIMUM

POLE

12' MINIMUM

METER SOCKET

GROUND WIRE - #6 COPPER OR LARGER

MOBILE HOME

SUGGESTED WIRING

SERVICE SIZE	CONDUIT SIZE	CONDUCTOR SIZE
100 AMP	1 1/4"	#2 THW
150 AMP	1 1/2"	#1/0 THW
200 AMP	2"	#3/0 THW

5'

CONDUIT

GROUND LEVEL

18"

METER POLE FOR MOBILE HOME

4'

TALLAHATCHIE VALLEY ELECTRIC POWER ASSOCIATION

8 FOOT GROUND ROD

DATE: 01-02-09      DRAWN BY: KLD

MP-1      REVISED: 01/02/09

