

Natchez Trace Electric Power Association

Calhoun City Office: (662)-628-5175

Eupora Office: (662)-258-2941

Houston Office: (662)-456-3037

Toll Free Number: 1-800-570-8629

Home Meterbase Attachment

A) Vertical clearance of 18" must be maintained within 6' radius of the service mast. If roof is easily accessible the clearance is increased to 11'.

B) Vertical clearance with a minimum of 3' must be maintained outside of 6' radius from the service mast if roof is not accessible and clearance is increased to 11' if roof is accessible.

C) One piece ground rod clamp must be used.

This diagram is for a standard 4"x12" pitch. Any pitch Flatter or steeper than the set standard please notify Natchez Trace E.P.A. for further height requirements.

Ground Line

Make sure clamp is below eave.

Make sure meterbase is located clear of door when opened.

Note: Use 2" galvanized conduit & 2" weatherhead Use clamps for security & stability.

Note: TV cable and Telephone may not be attached to mast pipe.

Meterbase

5 - 6'

No flex allowed

Sch. 80 Electrical Conduit

Ground Wire

BARE COPPER
#6BC 100A
#4BC 200A

12 ft Min

4' max

2' tails min

3' min
See "B"

Boot prevents leakage

18" min
See "A"

Galvanized
5/8" x 8' Ground Rod

See "C"

	METERBASE AMP SIZE	COPPER INSULATED (PER NEC) MIN	NEUTRAL WIRE SIZE MIN	ALUMINUM INSULATED (PER NEC) MIN	NEUTRAL WIRE SIZE MIN
Residential load	100 A	# 4	# 6	# 2	# 4
Residential load	150 A	# 1 / 0	# 2	# 3 / 0	# 1 / 0
Residential load	200 A	# 2 / 0	# 1 / 0	# 4 / 0	# 3 / 0
Commercial load	100 A	# 2	# 4	# 1 / 0	# 2
Commercial load	200 A	# 3 / 0	# 1 / 0	# 250	# 3 / 0

All services shall meet or exceed the NEC or NESC Code