

TVEC METER SERVICE POLES FLOOD AREAS

TVEC WILL SPOT FLOOD STAGE POLES

MINIMUM CLEARANCE REQUIREMENTS

18' MINIMUM CLEARANCE IS REQUIRED OVER PUBLIC ROADWAYS

16' MINIMUM CLEARANCE IS REQUIRED OVER DRIVEWAY CROSSINGS

12' MINIMUM CLEARANCE IS REQUIRED OVER PEDESTRIAN AREAS

MINIMUM 20' TREATED ROUND POLE WITH 5" MINIMUM TOP DIAMETER. ADDITIONAL HEIGHT MAY BE REQUIRED TO MAINTAIN PROPER CLEARANCE OF ROAD OR DRIVEWAY CROSSINGS

#4 SOLID COPPER FOR 200 AMP SERVICE
#6 SOLID COPPER FOR 100 AMP SERVICE

GROUND WIRE TO GO FROM GROUND TO METER BASE **OR** TOP OF POLE, UNBROKEN, FOR CONNECTION. GROUND WIRE SHOULD BE FASTENED TO POLE AT INTERVALS OF 18" WITH MINIMUM 1" GALVANIZED STEEPLES OR NON-CORROSIVE WIRE HOLDING CLAMPS.

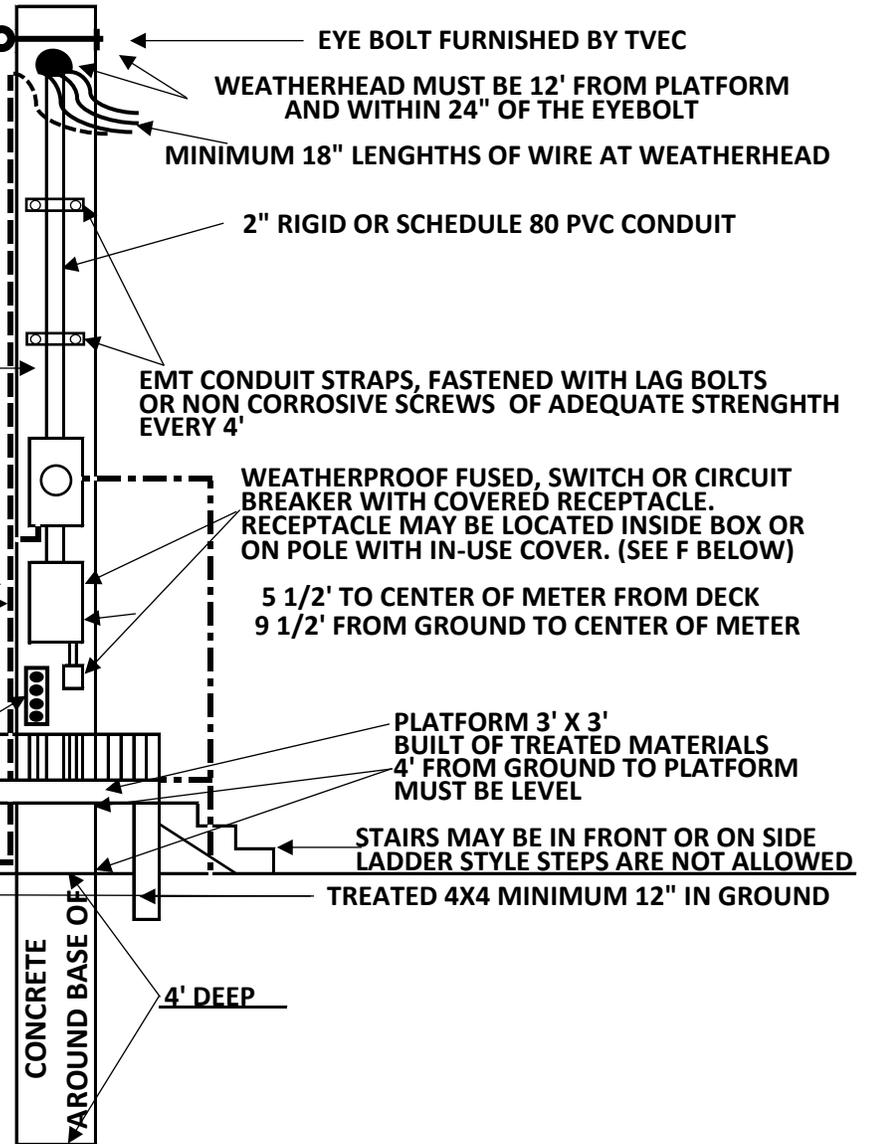
MULTIPLE POINT GROUNDING BLOCK

GROUND LEVEL

APPROVED GROUND ROD CLAMP

5/8 X 8' GALVANIZED GROUND ROD

GUYING IS REQUIRED IF POLE IS MORE THAN 50' FROM SERVICE POLE. A MINIMUM 1/2" ROD SCREW ANCHOR SHALL BE USED. OWNER IS RESPONSIBLE FOR GUYING.



EYE BOLT FURNISHED BY TVEC

WEATHERHEAD MUST BE 12' FROM PLATFORM AND WITHIN 24" OF THE EYEBOLT

MINIMUM 18" LENGTHS OF WIRE AT WEATHERHEAD

2" RIGID OR SCHEDULE 80 PVC CONDUIT

EMT CONDUIT STRAPS, FASTENED WITH LAG BOLTS OR NON CORROSIVE SCREWS OF ADEQUATE STRENGTH EVERY 4'

WEATHERPROOF FUSED, SWITCH OR CIRCUIT BREAKER WITH COVERED RECEPTACLE. RECEPTACLE MAY BE LOCATED INSIDE BOX OR ON POLE WITH IN-USE COVER. (SEE F BELOW)

5 1/2' TO CENTER OF METER FROM DECK
9 1/2' FROM GROUND TO CENTER OF METER

PLATFORM 3' X 3'
BUILT OF TREATED MATERIALS
4' FROM GROUND TO PLATFORM
MUST BE LEVEL

STAIRS MAY BE IN FRONT OR ON SIDE
LADDER STYLE STEPS ARE NOT ALLOWED

TREATED 4X4 MINIMUM 12" IN GROUND

CONCRETE
BASE OF
POLE
4' DEEP

www.tvec.com

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MINIMUM CONDUCTOR SIZING RESIDENTIAL

200 AMP COPPER: 2/0 HOTLEGS WITH #1 NEUTRAL

100 AMP COPPER: #4 HOTLEGS WITH #6 NEUTRAL

NON-RESIDENTIAL

200 AMP COPPER: 3/0 HOTLEGS WITH 1/0 NEUTRAL

100 AMP COPPER: #3 HOTLEGS WITH #4 NEUTRAL

RV

200 AMP COPPER: 3/0 HOTLEGS WITH 1/0 NEUTRAL

100 AMP COPPER: #3 HOTLEGS WITH #4 NEUTRAL

ALL CONDUCTORS SHOULD HAVE 18" AT WEATHERHEAD

GUYING

IF GUYING IS NECESSARY, THE OWNER IS REQUIRED TO INSTALL GUY(S) FOR THE POLE.

POLE SERVICE AND RV POLE SERVICE

A. IF POLE IS TO BE USED AS RV POLE THEN RV PLUG MAY BE ADDED TO POLE BUT MUST HAVE 120V G.F.C.I.

WEATHER RESISTANT RECEPTACLE WITH IN-USE COVER

B. RECEPTICALS SHOULD BE SIZED TO MEET RV LOAD

C. ALL RECEPTICALS SHOULD BE PROTECTED BY A CIRCUIT BREAKER, APPROPRIATE TO MATCH RV LOAD

D. RV RECEPTICALS MUST BE EQUIPPED WITH IN-USE COVERS

E. ALL POLES MUST HAVE AT LEAST ONE G.F.C.I. PROTECTED, 120 VAC WEATHER RESISTANT RECEPTICAL WITH IN-USE COVER

All wiring must meet State of Tennessee wiring code and the National Electric Code (NEC). T.V.E.C. will not connect to a meter pole until approved by Tennessee deputy state inspector