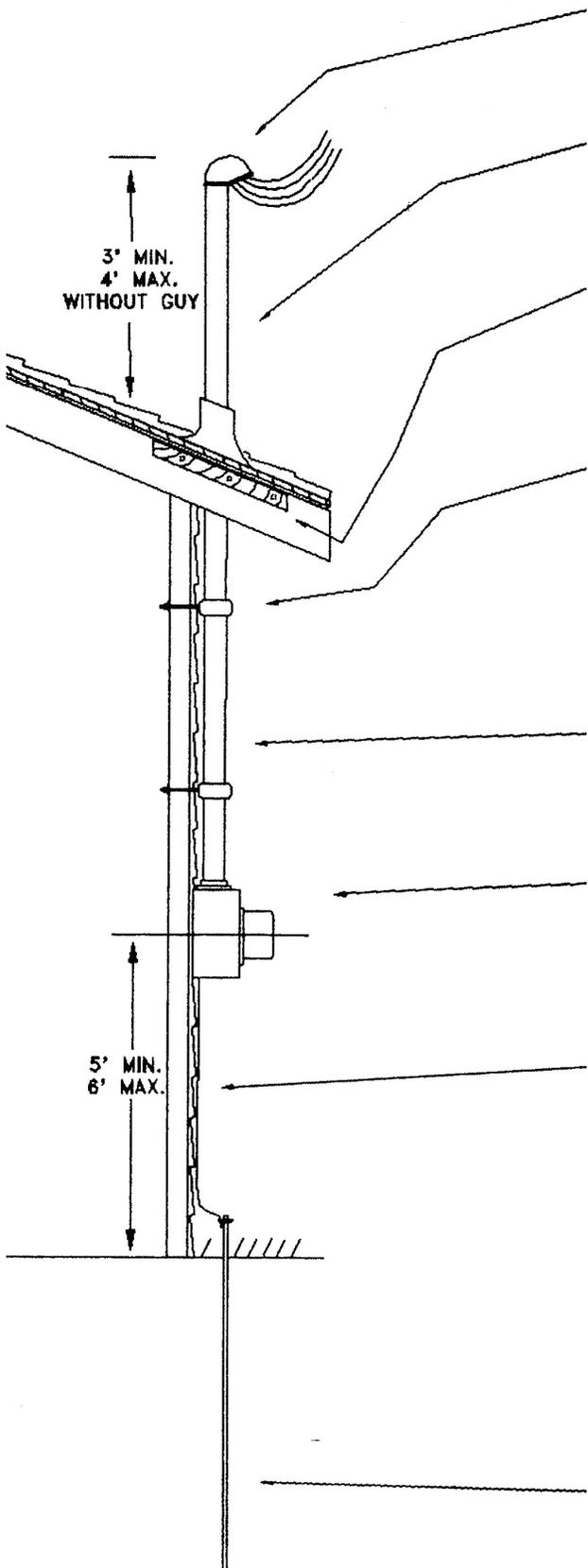


**PIPE RISER ELECTRICAL REQUIREMENTS**

THE METER LOCATION SHALL BE PRE-APPROVED BY THE PCEPA ENGINEER



GALVANIZED METAL WEATHERHEAD WITH SERVICE ENTRANCE CONDUCTORS EXTENDED 18" OUT WEATHERHEAD

2" GALVANIZED RIGID METAL CONDUIT PIPERISER ABOVE ROOF 3' MINIMUM - 4' MAXIMUM WITHOUT GUY

**2" X 8" BLOCKING** BETWEEN RAFTERS MUST BE SOLIDLY INSTALLED FLUSH WITH ROOF DECKING THE HOLE FOR THE CONDUIT MUST BE SNUG FIT

**TWO 1/2" STANDOFF BOLTS**  
MOUNTED ON **FULL LENGTH STUD**  
(NO CROSS BRACES BETWEEN STUDS ARE PERMITTED)  
ONE STANDOFF BOLT JUST ABOVE METER BASE ONE JUST UNDER EAVE

FULL LENGTH STUD REQUIREMENT USUALLY INVOLVES COMING OUT SIDE OF METER BASE FOR WIRING INTO SWITCHBOX

2" GALVANIZED RIGID METAL CONDUIT (NO EXCEPTION)

METER BASE SUPPLIED BY PCEPA CENTER OF METER BETWEEN 5' AND 6' FROM GROUND LEVEL

METAL CONDUIT BETWEEN METER BASE AND SWITCH BOX (NO EXCEPTIONS)

BARE COPPER GROUNDING WIRE UN CUT FROM GROUND ROD THROUGH METER BASE OUT WEATHERHEAD

SWITH BOX SIZE	HOT WIRE SIZE	NEUTRAL SIZE	BARE GROUNDING
<b>60 AMP</b>	2#6	1#6	1#4
<b>100 AMP</b>	2#2	1#4	1#4
<b>200 AMP</b>	2#3/0	1#2	1#4
<b>400 AMP</b>	2#500MCM	1#250MCM	1#1/0

ONLY **COPPER WIRE (THHN OR THWN)** ALLOWED

8' GROUND ROD WITH APPROVED GROUND ROD CLAMP