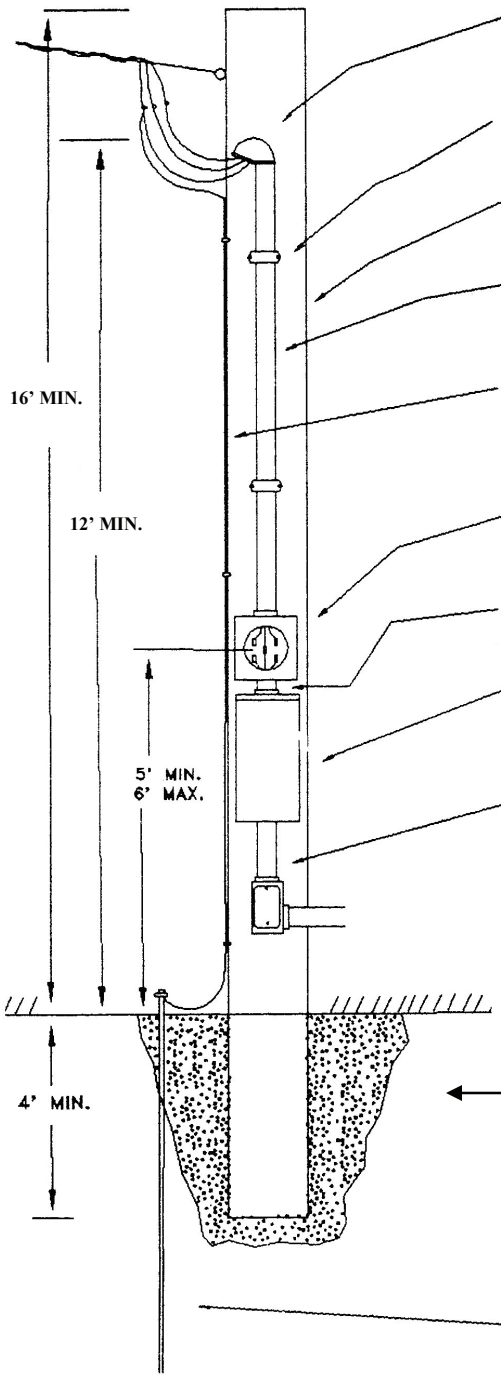


SINGLE PHASE 400 AMP ELECTRICAL ENTRANCE ON POLE

THE METER LOCATION SHALL BE PRE-APPROVED BY PCEPA ENGINEER



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

NON-CORROSIVE METAL CONDUIT STRAPS

TREATED 20' WOOD POLE

GALVANIZED RIGID METAL CONDUIT (NO EXCEPTION)
(2 1/2" OR 3")

#1/0 COPPER GROUNDING WIRE EXTENDED UN CUT TO WEATHERHEAD ON OUTSIDE OF CONDUIT AND METER BASE

METER BASE SUPPLIED BY PCEPA

GALVANIZED RIGID METAL CONDUIT NIPPLE (NO EXCEPTIONS)

WEATHERPROOF METAL BOX WITH MAIN BREAKER OR FUSED DISCONNECT (MAY NEED TO BE MOUNTED ON OPPOSITE SIDE OF POLE DUE TO PHYSICAL SIZE)

IF PVC CONDUIT IS USED MUST BE **GRAY SCHEDULE 40** AND MUST INCLUDE AN ADDITIONAL **#3 GREEN INSULATED EQUIPMENT GROUND WIRE**. PVC CONDUIT CAN ONLY BE USED ON THE LOAD SIDE OF THE DISCONNECT BOX.

BE SURE TO BRACE, GUY, OR CONCRETE SERVICE POLE

8' GROUND ROD WITH APPROVED GROUND ROD CLAMP

SWITCH BOX SIZE	CONDUIT SIZE	HOT WIRE SIZE	NEUTRAL SIZE	LIGHTNING GROUND
400 AMP	3" OR 2 1/2"	2 # 500MCM	1 # 250MCM	1#1/0

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