

MEMBER MUST HAVE LOOP FULLY ASSEMBLED, WIRED AND ONSITE. EECA WILL HANG LOOP ON EECA POLE

NO REDUCED NEUTRAL ALLOWED NEUTRAL CONDUCTOR MUST BE IDENTIFIED

NOTES: ALL WIRING MUST CONFORM WITH THE NATIONAL ELECTRIC CODE AND ALL LOCAL CODES.

PLEASE LEAVE 6' EXCESS CONDUCTOR FOR POLE APPLICATION

METER LOOP MUST BE FULLY ASSEMBLED FROM WEATHERHEAD TO DISCONNECT AND LAYING AT JOB SITE.

PLEASE ALLOW 2' OF GROUND WIRE TO EXTEND FROM DISCONNECT ENCLOSURE. EGYPTIAN ELECTRIC WILL CONNECT METER LOOP TO POLE. APPLICATION OF OXIDE INHIBITING COMPOUND IS REQUIRED WITH THE USE OF ALUMINUM CONDUCTORS.

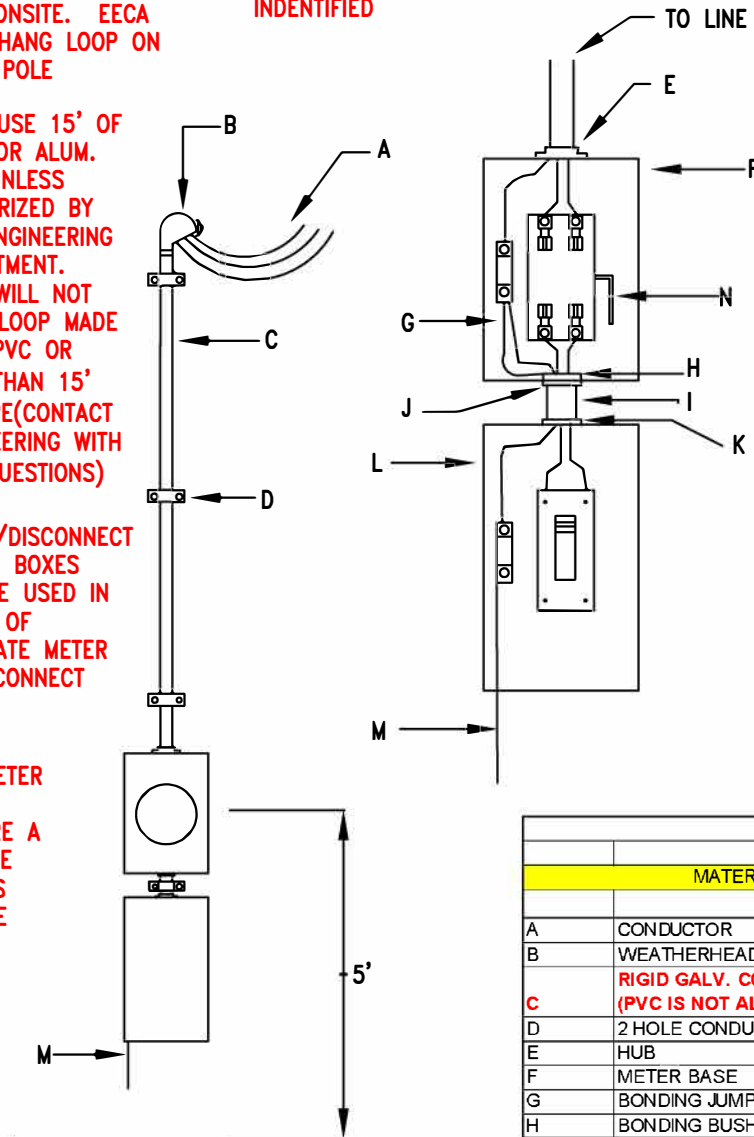
ALL SHARP EDGES ON INSIDE ENDS OF CONDUIT MUST BE REAMED AND MADE SMOOTH.

NEC 250.32B STATES A FOURTH INSULATED WIRE IS REQUIRED FROM THE BREAKER ON POLE TO ALL MAIN PANELS FOR GROUNDING ALL DWELLINGS & BUILDINGS
 100 AMP SERVICE #6 BARE COPPER
 200 AMP SERVICE #4 BARE COPPER

MUST USE 15' OF RIGID OR ALUM. PIPE UNLESS AUTHORIZED BY THE ENGINEERING DEPARTMENT. EECA WILL NOT HANG LOOP MADE WITH PVC OR LESS THAN 15' OF PIPE (CONTACT ENGINEERING WITH ANY QUESTIONS)

METER/DISCONNECT COMBO BOXES CAN BE USED IN PLACE OF SEPARATE METER & DISCONNECT BOXES

ALL METER BASES REQUIRE A SERVICE BYPASS HANDLE



MATERIAL LIST			
	MATERIAL	QUANTITY	
		SINGLE PHASE	THREE PHASE
A	CONDUCTOR	AS NEEDED	AS NEEDED
B	WEATHERHEAD	1	1
C	RIGID GALV. CONDUIT OR ALUM (PVC IS NOT ALLOWED)	15 FEET ON NORMAL POLE CONTACT ENGINEERING	
D	2 HOLE CONDUIT STRAPS	4	5
E	HUB	1	1
F	METER BASE	1	1
G	BONDING JUMPER	1	1
H	BONDING BUSHING	1	1
I	GALVANIZED NIPPLE	1	1
J	LOCKNUT	2	2
K	HUB	1	1
L	WEATHERPROOF DISCONNECT	1	1
M	GROUND WIRE	AS NEEDED	AS NEEDED
N	SERVICE BYPASS HANDLE		

CONDUCTOR SIZING			
SERVICE SIZE	TYPE CONDUTOR	CONDUIT SIZE	SIZE GROUND CONDUCTOR
100 AMP	#4 CU or #2 AL	1 1/4"	#6 BARE CU
200 AMP	2/0 CU or 4/0 AL	2"	#4 BARE CU
200 AMP 3Phase	3/0 CU or 250 AL	2 1/2"	#4 BARE CU
*****NO REDUCED NEUTRAL ALLOWED*****			

METER INSTALLATION FOR ELECTRIC SERVICE

CONST. NO.

EGYPTIAN ELECTRIC COOPERATIVE ASSOCIATION
 STEELEVILLE, ILLINOIS

SCALE NONE

DATE

SUPERSEDES

FILE NO.

DRAWN BY HERMETZ

1/13

REV#

FIGURE 4

REVISED

5/2023

APPROVED BY