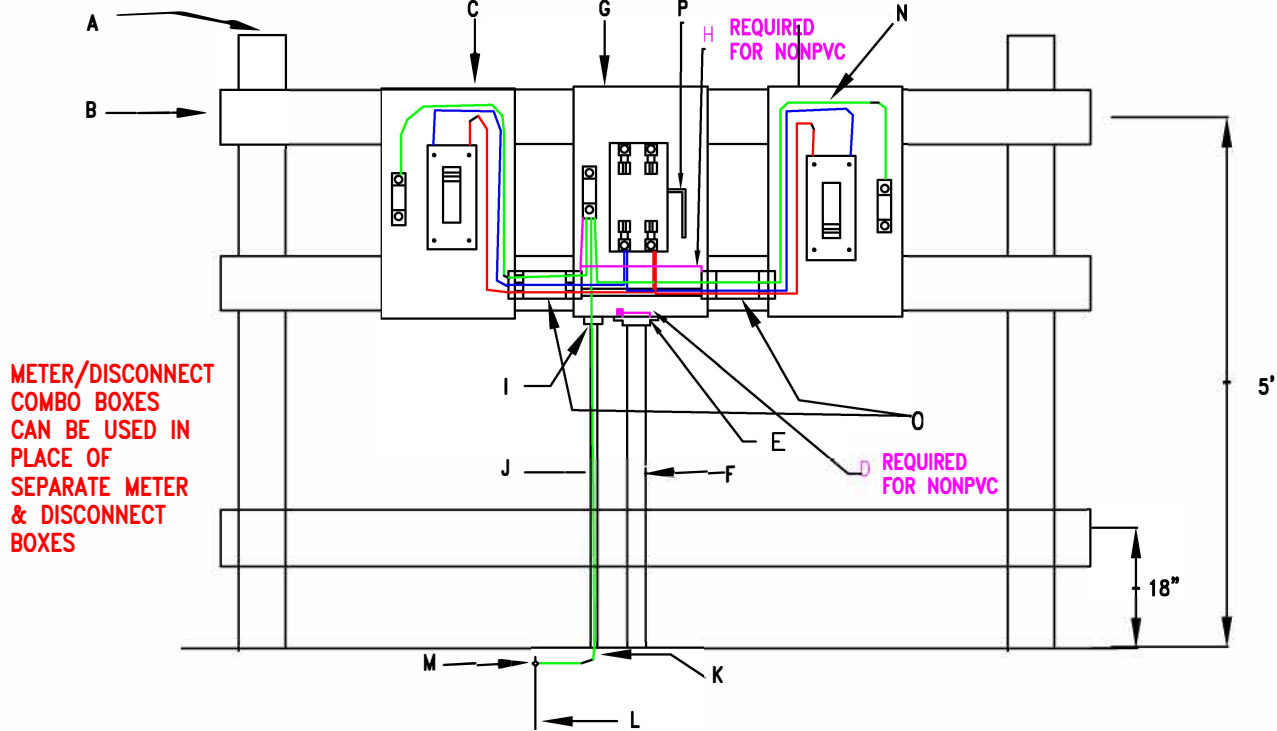


*****STRUCTURE MUST BE COMPLETELY ERECTED AND WIRED BEFORE EECA CAN SCHEDULE WORK*****

*****NO REDUCED NEUTRALS ALLOWED*****



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

MATERIAL LIST	
A	6"x6" TREATED POST OR 2" CAPPED RIGID CONDUIT
B	2"x6" TREATED LUMBER OR UNISTRUT
C	2-200 AMP WEATHERPROOF DISCONNECT
D	GALVANIZED BONDING BUSHING (REQUIRED FOR METALIC CONDUIT INSTALLS
E	MALE ADAPTER, LOCKNUT AND PROTECTOR BUSHING
F	2 1/2" SCH 40 or SCH 80 PVC
G	METER SOCKET
H	BONDING JUMPER
I	1/2" MALE ADAPTER (PVC)
J	1/2" CONDUIT (PVC)
K	GROUND WIRE
L	5/8" X 8' GROUND ROD
M	GROUND ROD CLAMP
N	CONDUCTOR
O	2- 2" SCH 40 or SCH 80 PVC NIPPLES
P	LEVER BYPASS HANDLE



Photo of Sample Structure

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

METER STRUCTURE MUST BE ASSEMBLED WIRED AND INSTALLED ON SITE

APPLICATION OF OXIDE INHIBITING COMPOUND IS REQUIRED WITH THE USE OF ALUMINUM CONDUCTORS.

NEUTRAL MUST BE IDENTIFIED

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

GALVANIZED BONDING BUSHING REQUIRED FOR METALIC CONDUIT INSTALLS ONLY

WIRE SIZE: 4 /0 AL OR 2 /0 CU

NEC 250.32B STATES A FOURTH INSULATED WIRE IS REQUIRED FROM THE BREAKERS ON THE STRUCTURE TO ALL MAIN PANELS FOR GROUNDING DWELLINGS & BUILDINGS #4 CU

ANY VARIANCE FROM THIS SPEC MUST BE PREAPPROVED BY EECA



Item G: Meter Socket

320 AMPERE METER STRUCTURE

CONST. NO.

EGYPTIAN ELECTRIC COOPERATIVE ASSOCIATION
STEELEVILLE, ILLINOIS

SCALE NONE

DRAWN BY HERMETZ

REVISED:

DATE

2/04

5/2023

SUPERSEDES

CHECKED BY

APPROVED BY

FILE NO.

FIGURE 6