

# JOHNSON CITY POWER BOARD

## UNDERGROUND PERMANENT SERVICE REQUIREMENTS (MOUNTED ON HOME)

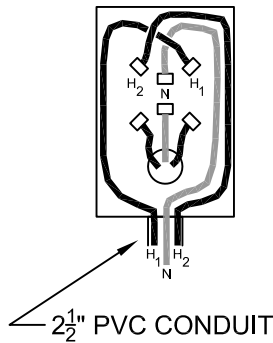


ALL ELECTRICAL CONDUITS AND DITCH (**MUST**) BE INSPECTED BY THE STATE ELECTRICAL INSPECTOR OR BY THE CODE ENFORCEMENT INSPECTOR (IF LOCATED IN CITY).

CONTRACTORS ARE RESPONSIBLE FOR INSTALLING CONDUIT TO 90° ELBOW AT PEDESTAL AND PULLING ELECTRICAL SERVICE ENTRANCE CABLE.

REQUIRED: 2½" SCHEDULE 40 CONDUIT USED BELOW GROUND. SCHEDULE 80 OR SCHEDULE 40 PLUS MUST BE USED FROM METERBASE TO 12" BELOW GRADE.

200A METERBASE  
DETAIL



JCPB  
PEDESTAL

5½' FROM CENTER  
OF METERBASE TO  
FINISHED GRADE

SCHEDULE 80 OR  
SCHEDULE 40 PLUS  
- 2½" PVC CONDUIT OR AS  
REQUIRED BY CODE

INSTALL STRAP ABOVE  
SLIP JOINT ONLY

EXPANSION JOINT  
REQUIRED BETWEEN  
METERBASE AND  
GROUND LEVEL

24" MINIMUM

UNDERGROUND PEDESTAL  
WITH 2½" SCHEDULE 40  
90° ELBOW PROVIDED  
BY JCPB

SCHEDULE 40 2½" PVC CONDUIT  
OR AS REQUIRED BY NEC CODE

DRAWING NOT TO SCALE

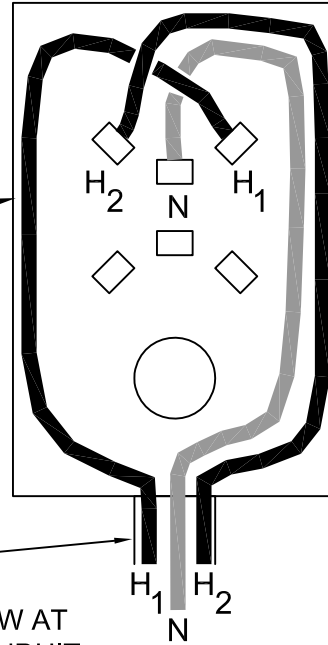
\\STANDARD DETAILS\Underground Perm Service Mounted On Home.dwg  
REVISED 6/03/08

# PROPER METHOD FOR WIRING A JCPB SERVED 400A METERBASE

## RESIDENTIAL 400A METERBASE SINGLE CONDUCTOR DETAIL

WIRE SIZE:  
400 MCM - 400 MCM - 300 MCM

INSTALL A MINIMUM OF 6"  
OF ADDITIONAL SERVICE  
CONDUCTOR TO ALLOW  
FOR THE EXPANSION  
JOINT.



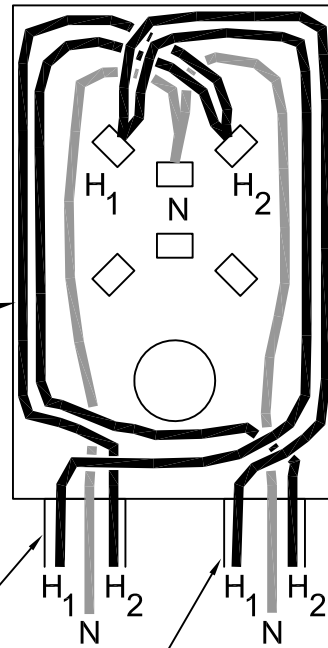
2 $\frac{1}{2}$ " PVC CONDUIT (MINIMUM)

JCPB PROVIDES 2 $\frac{1}{2}$ " PVC 90° ELBOW AT  
THE PEDESTAL. ANY LARGER CONDUIT  
SIZE WILL NEED TO BE PROVIDED BY THE  
CUSTOMER.

## RESIDENTIAL 400A METERBASE PARALLELED CONDUCTOR DETAIL

WIRE SIZE:  
ALUMINUM 4/0 - 4/0 - 2/0 PARALLEL  
OR  
COPPER 2/0 - 2/0 - 1/0 PARALLEL

INSTALL A MINIMUM OF 6"  
OF ADDITIONAL SERVICE  
CONDUCTOR TO ALLOW  
FOR THE EXPANSION  
JOINT.



2 $\frac{1}{2}$ " PVC CONDUITS (MINIMUM)

JCPB PROVIDES 2 $\frac{1}{2}$ " PVC 90° ELBOW AT  
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