

JOHNSON CITY POWER BOARD

UNDERGROUND PERMANENT SERVICE REQUIREMENTS (MOUNTED ON HOME)



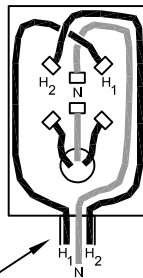
ALL ELECTRICAL CONDUITS AND DITCH (**MUST**) BE INSPECTED BY THE STATE ELECTRICAL INSPECTOR OR BY THE CODE ENFORCEMENT INSPECTOR (IF LOCATED IN CITY).

CUSTOMER IS RESPONSIBLE FOR INSTALLING CONDUIT TO 90° ELBOW AT PEDESTAL AND PULLING ELECTRICAL SERVICE ENTRANCE CABLE. THE ELECTRICAL SERVICE ENTRANCE CABLE IS CUSTOMER OWNED & MAINTAINED. JCPB IS NOT RESPONSIBLE FOR LOCATING CUSTOMER OWNED SERVICE ENTRANCE CABLES.

REQUIRED: 2 $\frac{1}{2}$ " SCHEDULE 40 CONDUIT USED BELOW GROUND. SCHEDULE 80 OR SCHEDULE 40 PLUS MUST BE USED FROM METERBASE TO 12" BELOW GRADE.

NOTE:
LOCK NUTS AND BUSHINGS REQUIRED

200A METERBASE
DETAIL



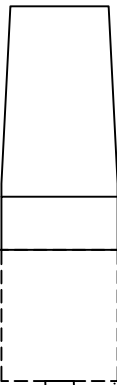
2 $\frac{1}{2}$ " PVC CONDUIT

WIRE SIZE TO BE DETERMINED BY LOCAL ELECTRICAL INSPECTOR

5 $\frac{1}{2}$ " FROM CENTER OF METERBASE TO FINISHED GRADE

DITCH TO BE DUG TO WITHIN 24" OF PEDESTAL LOCATION. LAST 8' OF DITCH TO REMAIN OPEN UNTIL JCPB CONNECTS PERMANENT SERVICE.

JCPB PEDESTAL

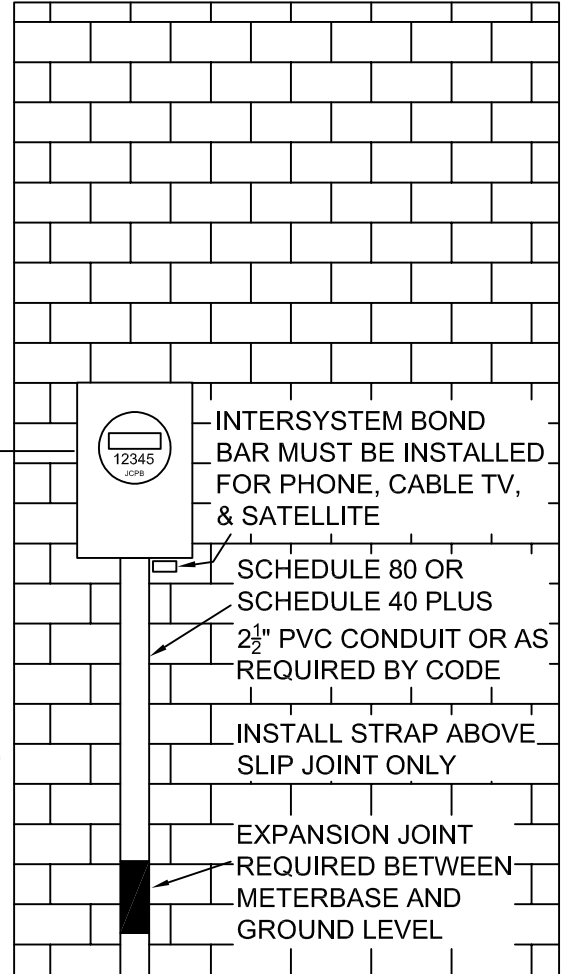


OPEN DITCH

24" MINIMUM

UNDERGROUND PEDESTAL WITH 2 $\frac{1}{2}$ " SCHEDULE 40 90° ELBOW PROVIDED BY JCPB

SCHEDULE 40 2 $\frac{1}{2}$ " PVC CONDUIT OR AS REQUIRED BY NEC CODE



INTERSYSTEM BOND BAR MUST BE INSTALLED FOR PHONE, CABLE TV, & SATELLITE

SCHEDULE 80 OR SCHEDULE 40 PLUS 2 $\frac{1}{2}$ " PVC CONDUIT OR AS REQUIRED BY CODE

INSTALL STRAP ABOVE SLIP JOINT ONLY

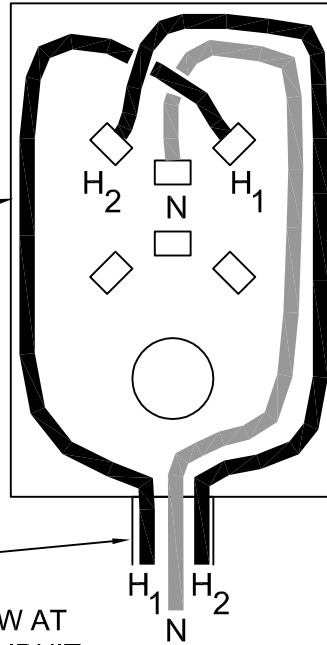
EXPANSION JOINT REQUIRED BETWEEN METERBASE AND GROUND LEVEL

PROPER METHOD FOR WIRING A JCPB SERVED 400A METERBASE

RESIDENTIAL 400A METERBASE SINGLE CONDUCTOR DETAIL

WIRE SIZE TO BE DETERMINED BY
LOCAL ELECTRICAL INSPECTOR

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



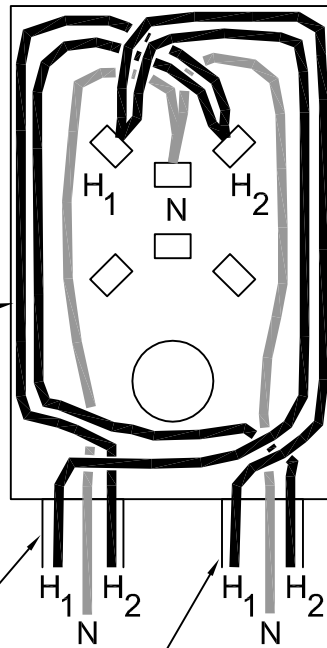
2 $\frac{1}{2}$ " PVC CONDUIT(MINIMUM)

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 TO BE DETERMINED BY
LOCAL ELECTRICAL INSPECTOR

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
THE PEDESTAL. ANY LARGER CONDUIT
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