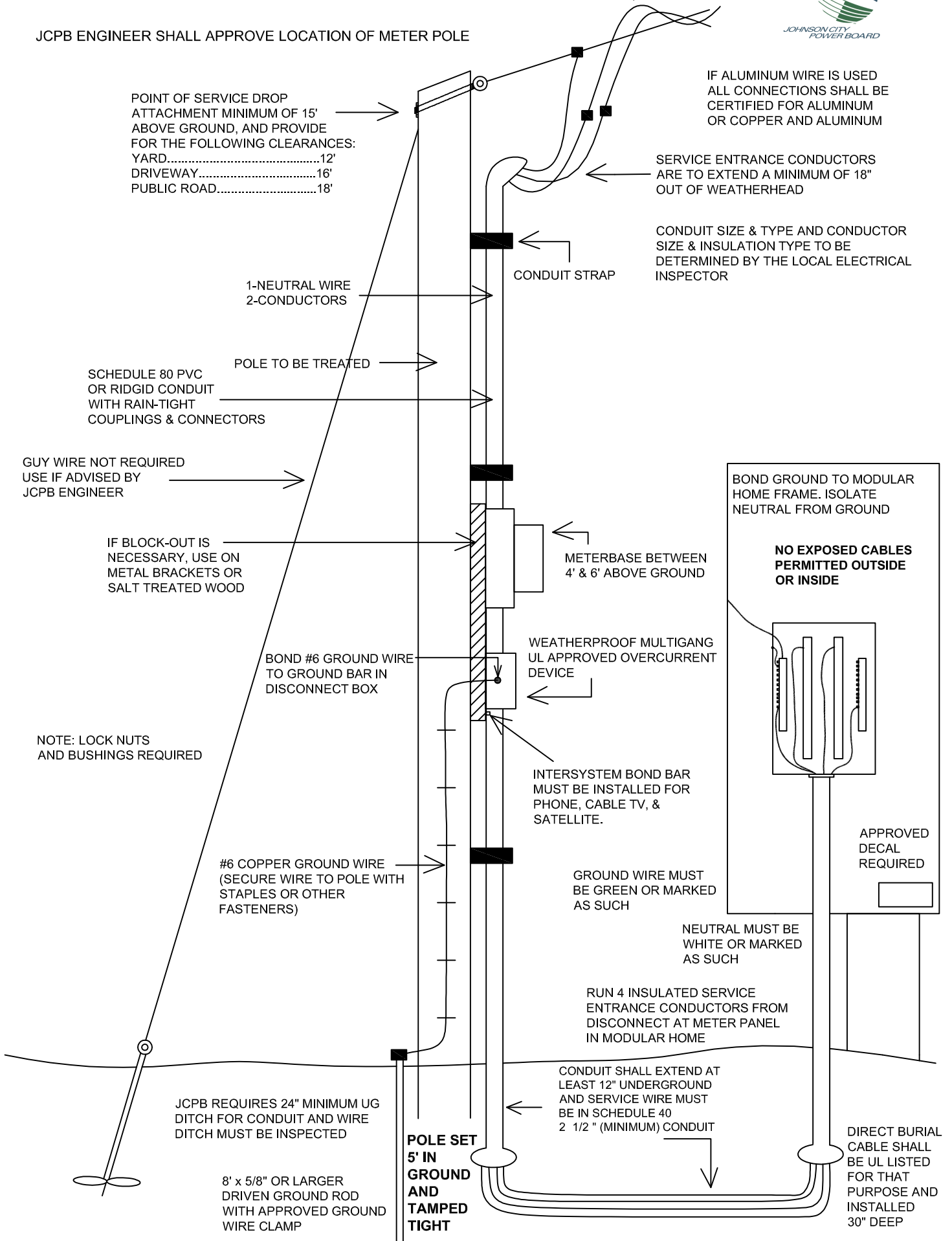


# JOHNSON CITY POWER BOARD

## OVERHEAD CUSTOMER OWNED METER POLE REQUIREMENTS



JCPB ENGINEER SHALL APPROVE LOCATION OF METER POLE



POINT OF SERVICE DROP ATTACHMENT MINIMUM OF 15' ABOVE GROUND, AND PROVIDE FOR THE FOLLOWING CLEARANCES:  
 YARD.....12'  
 DRIVEWAY.....16'  
 PUBLIC ROAD.....18'

IF ALUMINUM WIRE IS USED ALL CONNECTIONS SHALL BE CERTIFIED FOR ALUMINUM OR COPPER AND ALUMINUM

SERVICE ENTRANCE CONDUCTORS ARE TO EXTEND A MINIMUM OF 18" OUT OF WEATHERHEAD

CONDUIT SIZE & TYPE AND CONDUCTOR SIZE & INSULATION TYPE TO BE DETERMINED BY THE LOCAL ELECTRICAL INSPECTOR

1-NEUTRAL WIRE  
 2-CONDUCTORS

CONDUIT STRAP

SCHEDULE 80 PVC OR RIDGID CONDUIT WITH RAIN-TIGHT COUPLINGS & CONNECTORS

POLE TO BE TREATED

GUY WIRE NOT REQUIRED USE IF ADVISED BY JCPB ENGINEER

IF BLOCK-OUT IS NECESSARY, USE ON METAL BRACKETS OR SALT TREATED WOOD

METERBASE BETWEEN 4' & 6' ABOVE GROUND

BOND GROUND TO MODULAR HOME FRAME. ISOLATE NEUTRAL FROM GROUND

**NO EXPOSED CABLES PERMITTED OUTSIDE OR INSIDE**

APPROVED DECAL REQUIRED

BOND #6 GROUND WIRE TO GROUND BAR IN DISCONNECT BOX

WEATHERPROOF MULTIGANG UL APPROVED OVERCURRENT DEVICE

NOTE: LOCK NUTS AND BUSHINGS REQUIRED

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

#6 COPPER GROUND WIRE (SECURE WIRE TO POLE WITH STAPLES OR OTHER FASTENERS)

GROUND WIRE MUST BE GREEN OR MARKED AS SUCH

NEUTRAL MUST BE WHITE OR MARKED AS SUCH

RUN 4 INSULATED SERVICE ENTRANCE CONDUCTORS FROM DISCONNECT AT METER PANEL IN MODULAR HOME

JCPB REQUIRES 24" MINIMUM UG DITCH FOR CONDUIT AND WIRE DITCH MUST BE INSPECTED

CONDUIT SHALL EXTEND AT LEAST 12" UNDERGROUND AND SERVICE WIRE MUST BE IN SCHEDULE 40 2 1/2" (MINIMUM) CONDUIT

DIRECT BURIAL CABLE SHALL BE UL LISTED FOR THAT PURPOSE AND INSTALLED 30" DEEP

**POLE SET 5' IN GROUND AND TAMPED TIGHT**

8' x 5/8" OR LARGER DRIVEN GROUND ROD WITH APPROVED GROUND WIRE CLAMP

