

IMPORTANT: THESE ITEMS MUST ALL BE FOLLOWED OR THE LINEMAN CAN NOT HOOK UP YOUR SERVICE.

ON THE 3 INCOMING SERVICE CONDUCTORS, PROVIDE AS MUCH SLACK AS POSSIBLE IN BOX.

PROVIDE BONDING LOCKNUT & INSULATING BUSHING INSIDE BOX ON LIQUIDTIGHT FLEX CONNECTOR ENTRY.

LIQUIDTIGHT FLEX CONNECTOR.

5' TO 5'-9"
3'-6" MINIMUM

SEE NOTE 1
SEE NOTE 2

MINIMUM 2" LIQUIDTIGHT FLEX

SPLICES (BY INNEC)

SERVICE LATERAL CONDUCTORS (BY INNEC)

PROVIDE MINIMUM 24" WIRE TAILS BEYOND FLEX CONNECTOR. NEUTRAL CONDUCTOR IDENTIFIED (WHITE OR YELLOW). COPPER CONDUCTORS, WITH TYPE XHHW-2 INSULATION. MINIMUM WIRE SIZE DETERMINED BY MAIN BREAKER: 125 AMPS OR LESS: No. 2 AWG. 150-200 AMPS: No. 2/0 AWG.

ENTER YOUR MAIN BREAKER SIZE: _____

MAIN BREAKER (200AMP MAXIMUM).

← SERVICE ENTRANCE ON GABLED END OF BLDG IN LOCATION APPROVED BY INNEC.

← CENTERLINE OF METER MUST BE 5' TO 5'-9" ABOVE GRADE OR STABLE PLATFORM (SUCH AS A PORCH). **VERY IMPORTANT**

← NO EXPOSED OR UNPROTECTED CONSUMER WIRING TO SERVICE EQUIPMENT.

CONDUIT STRAPS EVERY 24" (MINIMUM OF 2)

BARE COPPER GROUND WIRE(S) SECURELY FASTENED TO CONSTRUCTION, & PROTECTED FROM PHYSICAL DAMAGE BY LOCATION OR BY CONDUIT SLEEVING.

No. 6 COPPER MINIMUM FOR USE WITH No. 2 SERVICE CONDUCTORS; No. 4 COPPER MINIMUM FOR USE WITH No. 2/0 SERVICE CONDUCTORS.

INSTALL 2 GROUND RODS AT LEAST 8 FEET APART. CONNECT CONTINUOUS GROUND WIRE TO BOTH RODS. BURY ONLY AFTER INSPECTION BY INNEC. RODS TO BE COPPERWELD, MINIMUM 5/8" DIA X 8FT LONG.

LIQUIDTIGHT FLEX CONNECTOR WITH INSULATED BUSHING ON OPEN END.

NOTES

1. BOND TO BURIED METAL WATER PIPE OR CASING (IF PRESENT ON-SITE, & IN CONTACT WITH SOIL FOR AT LEAST 10FT).
2. BEND MINIMUM 8" OFFSET INTO FLEX, TO GIVE SLACK IN CASE OF GROUND MOVEMENT.

WHEN YOUR SERVICE ENTRANCE MATCHES THIS DIAGRAM, RETURN THIS FORM BY ONE OF THESE METHODS:

1. HAND-CARRY INTO INNEC OFFICE AT 100 FIRE LANE, NEWHALEN AK.
2. OR: U.S. MAIL TO INNEC AT P.O. BOX 210, ILIAMNA AK 99606.
3. OR: FAX TO INNEC AT (907) 571-1752
4. OR: SCAN & E-MAIL TO innmanager@innelectric.com

WORK ORDER No. _____
INSPECTED BY: _____
DATE: _____

INN ELECTRIC COOPERATIVE
UNDERGROUND SERVICE ENTRANCE INSPECTION FORM
120/240VAC, 1-PHASE, 200AMP OR LESS

REV. No. 0
4/02/19

FILENAME:
URD200A1PH.pdf

CHECK IF COMPLETE