

NORTHERN RIO ARRIBA ELECTRIC COOPERATIVE, INC.



SPECIFICATIONS

DIRECTOR OF OPERATIONS:

John Blue

REVIEWED BY GENERAL MANAGER:

[Signature]

DATE:

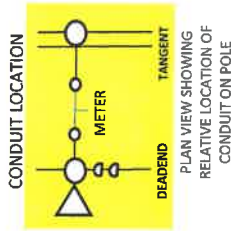
6-28-17

MOBILE HOME SERVICES SHALL BE 200AMP AND WILL BE INSPECTED BY BOTH CID AND MOBILE HOME INSPECTOR BEFORE METER WILL BE INSTALLED FOR SERVICE

SELF-CONTAINED METER PEDESTALS OF APPROVED DESIGNS MAY BE USED FOR SERVICE ENTRANCE IF INSTALLED IN ACCORDANCE WITH CODE AND MANUFACTURERS REQUIREMENTS

ALL SERVICE ENTRANCE EQUIPMENT MUST BE UL APPROVED FOR USAGE AND MUST BE INSTALLED IN CONFORMANCE WITH CODE AND MANUFACTURERS REQUIREMENTS.

METER BASE MUST ALSO BE APPROVED BY COOP FOR SERVICE SIZE AND VOLTAGE AND MUST BE INSTALLED AND CONNECTED SO AS TO BE COMPATIBLE WITH COOP METER EQUIPMENT



CONDUIT SHALL TERMINATE 18 IN. BELOW SYSTEM NEUTRAL

A MINIMUM OF 36 IN. OF CONDUCTOR SHALL EXTEND FROM CONDUIT TO PERMIT CONNECTION OF SERVICE

SCHEDULE 80 PVC CONDUIT WITH APPROVED FITTINGS SIZE AS REQUIRED

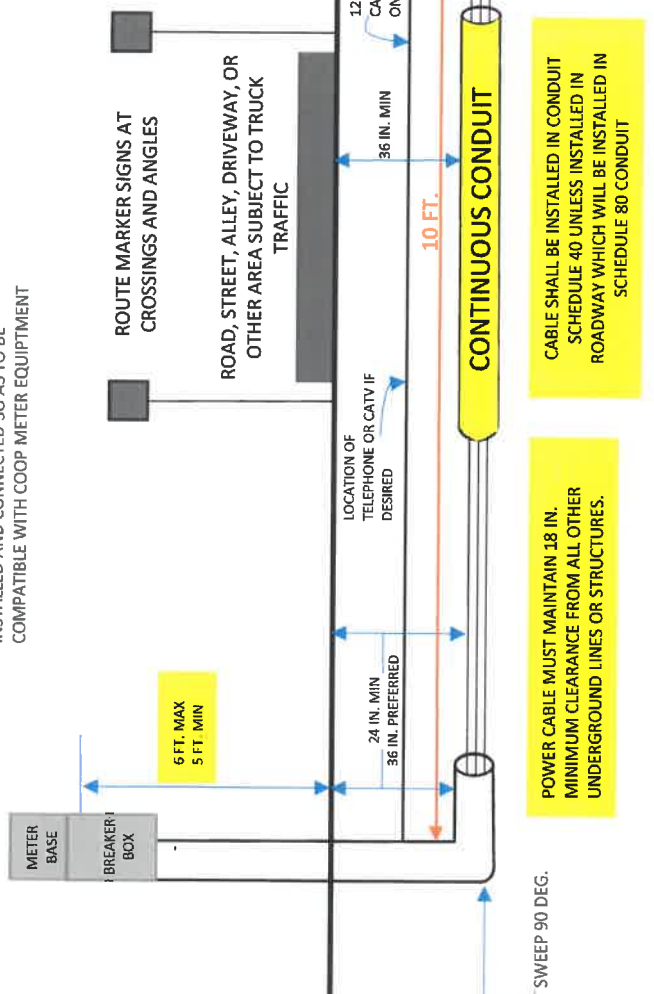
STAND OFF BRACKETS ATTACHED TO POLE WITH MINIMUM OF 5/8 IN. GALVANIZED BOLT AS REQUIRED

BOLT MUST GO COMPLETELY THROUGH POLE WITH FLAT WASHER AND LOCKNUT

STAND OFF BRACKETS SHALL BE SPACED SO THAT CONDUIT IS RIGIDLY SUPPORTED ITS ENTIRE LENGTH

ALL CONDUCTIVE BRACKETS, CONDUITS, ETC. MUST BE GROUNDED TO POLE GROUND WITH MINIMUM #6 COPPER

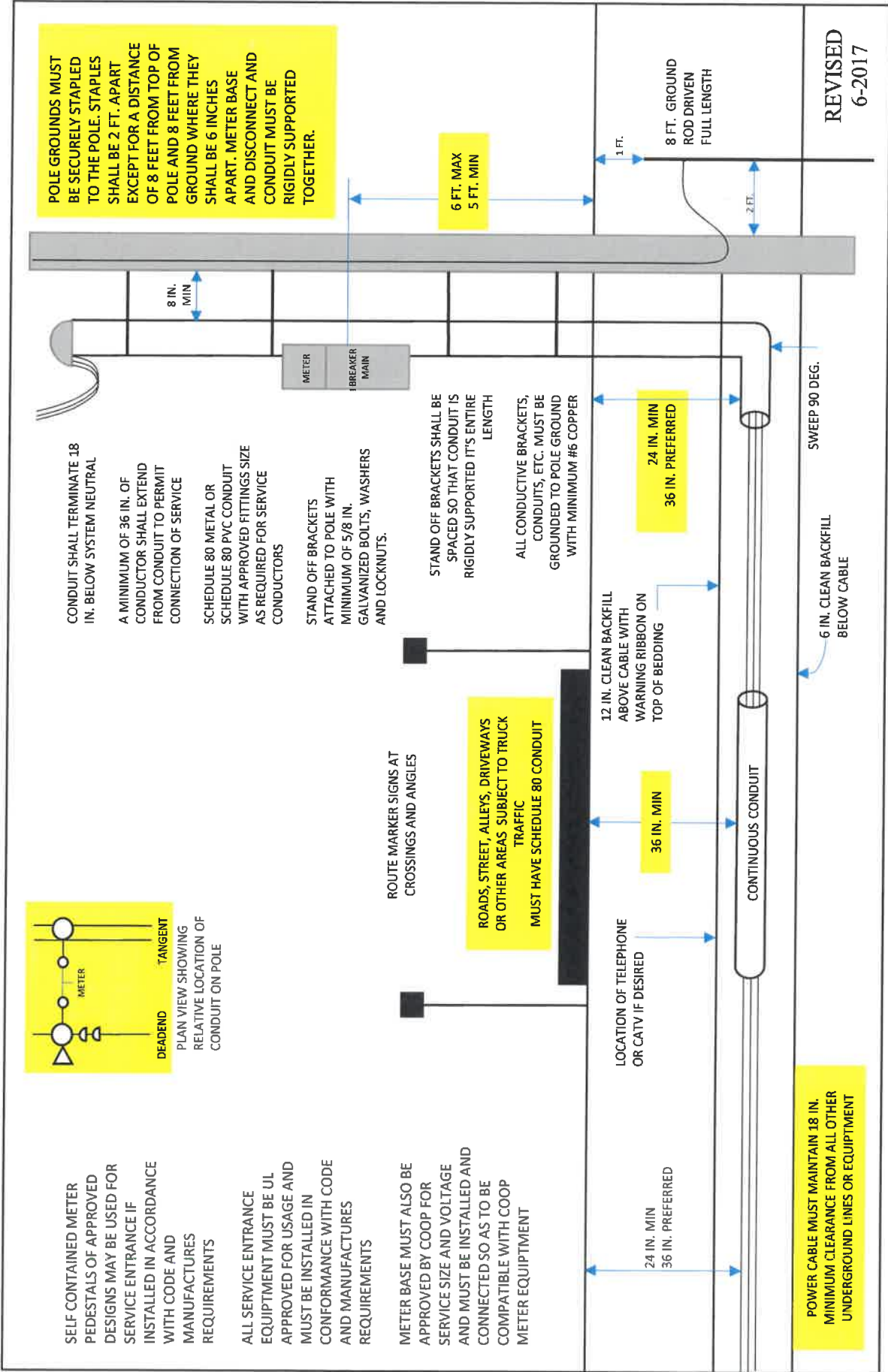
POLE GROUNDS MUST BE SECURELY STAPLED TO THE POLE. STAPLES SHALL BE 2 FT. APART EXCEPT FOR A DISTANCE OF 8 ABOVE GROUND AND 8 FT. DOWN FROM THE TOP OF THE POLE WHERE THEY SHALL BE 6 INCHES APART



CABLE SHALL BE INSTALLED IN CONDUIT SCHEDULE 40 UNLESS INSTALLED IN ROADWAY WHICH WILL BE INSTALLED IN SCHEDULE 80 CONDUIT

POWER CABLE MUST MAINTAIN 18 IN. MINIMUM CLEARANCE FROM ALL OTHER UNDERGROUND LINES OR STRUCTURES.

REVISED 6-2017



POLE GROUNDS MUST BE SECURELY STAPLED TO THE POLE. STAPLES SHALL BE 2 FT. APART EXCEPT FOR A DISTANCE OF 8 FEET FROM TOP OF POLE AND 8 FEET FROM GROUND WHERE THEY SHALL BE 6 INCHES APART. METER BASE AND DISCONNECT AND CONDUIT MUST BE RIGIDLY SUPPORTED TOGETHER.

CONDUIT SHALL TERMINATE 18 IN. BELOW SYSTEM NEUTRAL

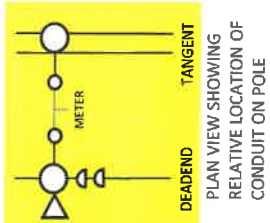
A MINIMUM OF 36 IN. OF CONDUCTOR SHALL EXTEND FROM CONDUIT TO PERMIT CONNECTION OF SERVICE

SCHEDULE 80 METAL OR SCHEDULE 80 PVC CONDUIT WITH APPROVED FITTINGS SIZE AS REQUIRED FOR SERVICE CONDUCTORS

STAND OFF BRACKETS ATTACHED TO POLE WITH MINIMUM OF 5/8 IN. GALVANIZED BOLTS, WASHERS AND LOCKNUTS.

STAND OFF BRACKETS SHALL BE SPACED SO THAT CONDUIT IS RIGIDLY SUPPORTED IT'S ENTIRE LENGTH

ALL CONDUCTIVE BRACKETS, CONDUITS, ETC. MUST BE GROUNDED TO POLE GROUND WITH MINIMUM #6 COPPER



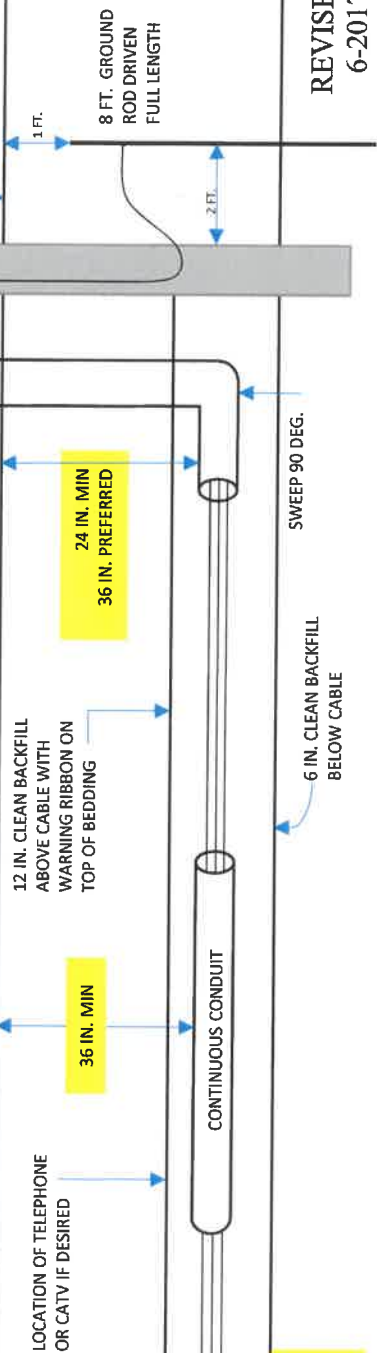
SELF CONTAINED METER PEDESTALS OF APPROVED DESIGNS MAY BE USED FOR SERVICE ENTRANCE IF INSTALLED IN ACCORDANCE WITH CODE AND MANUFACTURES REQUIREMENTS

ALL SERVICE ENTRANCE EQUIPMENT MUST BE UL APPROVED FOR USAGE AND MUST BE INSTALLED IN CONFORMANCE WITH CODE AND MANUFACTURES REQUIREMENTS

METER BASE MUST ALSO BE APPROVED BY COOP FOR SERVICE SIZE AND VOLTAGE AND MUST BE INSTALLED AND CONNECTED SO AS TO BE COMPATIBLE WITH COOP METER EQUIPMENT

ROUTE MARKER SIGNS AT CROSSINGS AND ANGLES

ROADS, STREET, ALLEYS, DRIVEWAYS OR OTHER AREAS SUBJECT TO TRUCK TRAFFIC MUST HAVE SCHEDULE 80 CONDUIT



POWER CABLE MUST MAINTAIN 18 IN. MINIMUM CLEARANCE FROM ALL OTHER UNDERGROUND LINES OR EQUIPMENT

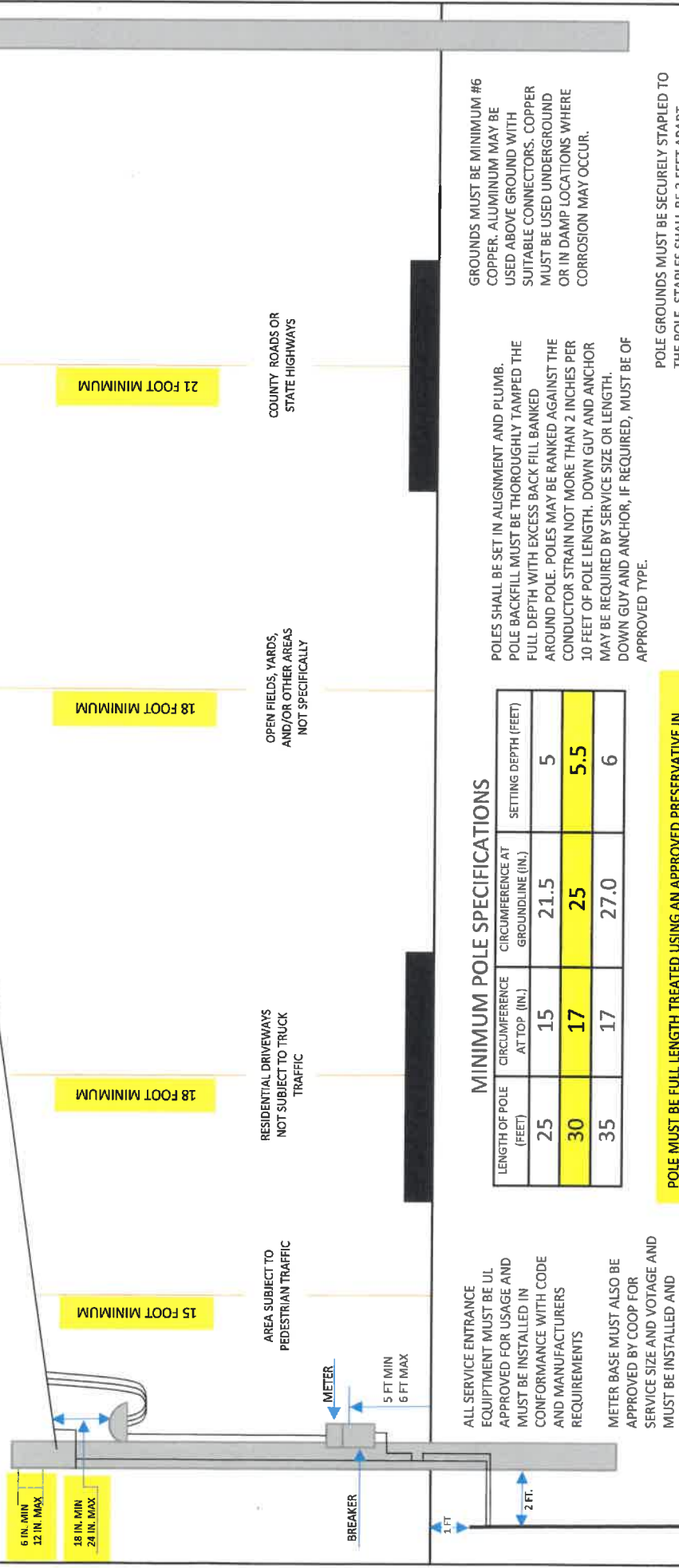
REVISED 6-2017

SERVICE CONDUCTORS MUST BE CONTINUOUS AND UNSPLICED FROM SERVICE TO METER BASE LUGS.
 CABLE MUST BE DEADENDED IN APPROVED INSULATED MANNER.
 MINIMUM OF 24 IN. OF CONDUCTOR MUST EXTEND FROM WEATHERHEAD WITH THE NEUTRAL CONDUCTOR PERMANENTLY MARKED WHITE OR GRAY ITS FULL VISIBLE LENGTH.

ALL CLEARANCES ARE MEASURED TO CLOSEST POINT ON CONDUCTOR

METER LOCATION MUST BE A MINIMUM OF 10 FEET FROM COOP LINES AND/OR POLES

ONLY SECONDARY CONDUCTOR



ALL SERVICE ENTRANCE EQUIPMENT MUST BE UL APPROVED FOR USAGE AND MUST BE INSTALLED IN CONFORMANCE WITH CODE AND MANUFACTURERS REQUIREMENTS
 METER BASE MUST ALSO BE APPROVED BY COOP FOR SERVICE SIZE AND VOLTAGE AND MUST BE INSTALLED AND CONNECTED SO AS TO BE COMPATIBLE WITH COOP METER EQUIPMENT

MINIMUM POLE SPECIFICATIONS

LENGTH OF POLE (FEET)	CIRCUMFERENCE AT TOP (IN.)	CIRCUMFERENCE AT GROUNDLINE (IN.)	SETTING DEPTH (FEET)
25	15	21.5	5
30	17	25	5.5
35	17	27.0	6

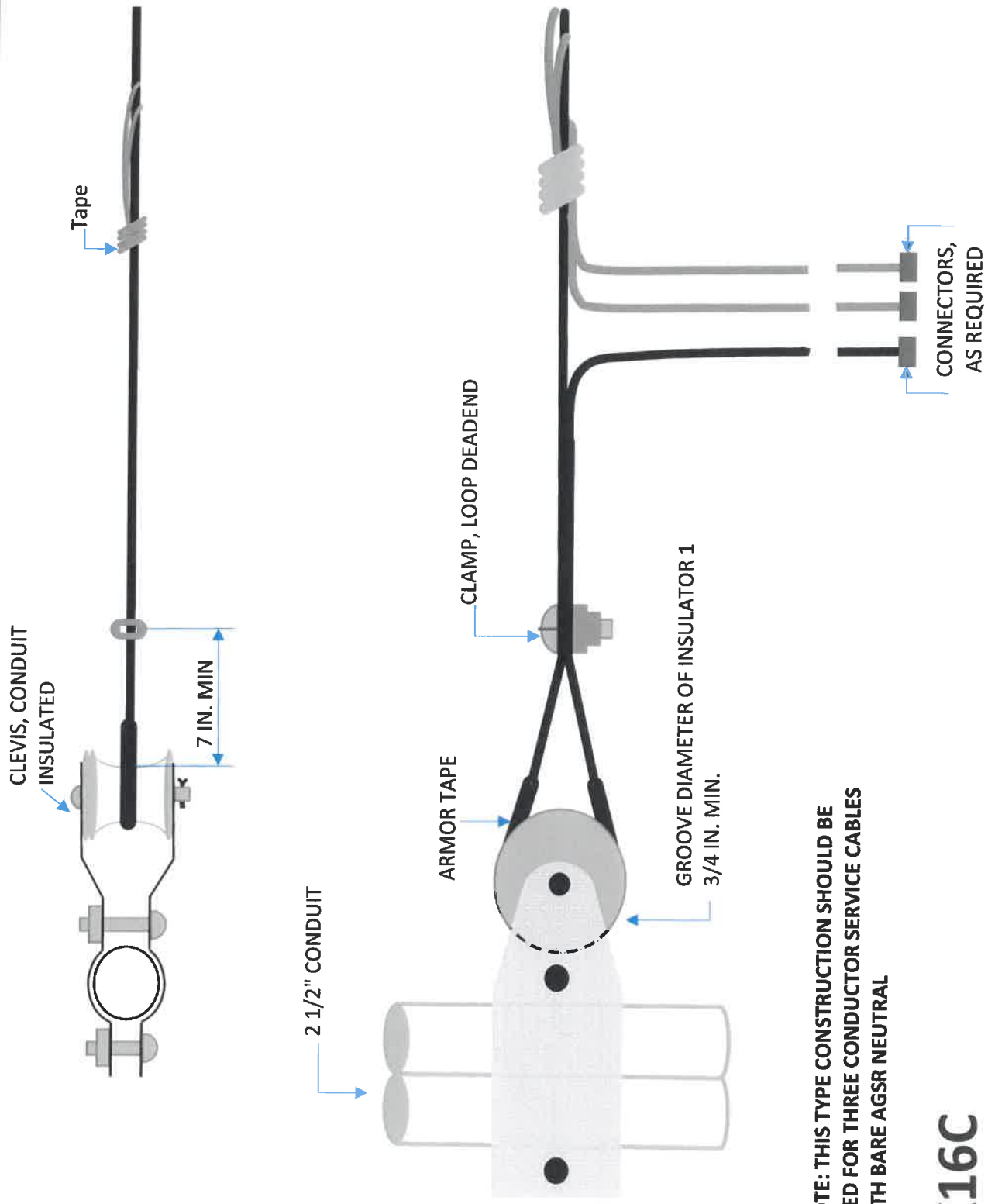
POLE MUST BE FULL LENGTH TREATED USING AN APPROVED PRESERVATIVE IN ACCORDANCE WITH DT-5C. POLE MUST BE IN SOUND CONDITION, FREE OF SPLICES, BREAKS CHECKS OR EXCESSIVE KNOTS.

POLES SHALL BE SET IN ALIGNMENT AND PLUMB. POLE BACKFILL MUST BE THOROUGHLY TAMPED THE FULL DEPTH WITH EXCESS BACK FILL BANKED AROUND POLE. POLES MAY BE RANKED AGAINST THE CONDUCTOR STRAIN NOT MORE THAN 2 INCHES PER 10 FEET OF POLE LENGTH. DOWN GUY AND ANCHOR MAY BE REQUIRED BY SERVICE SIZE OR LENGTH. APPROVED TYPE.

FOUNDATIONS MUST BE MINIMUM #6 COPPER. ALUMINUM MAY BE USED ABOVE GROUND WITH SUITABLE CONNECTORS. COPPER MUST BE USED UNDERGROUND OR IN DAMP LOCATIONS WHERE CORROSION MAY OCCUR.

POLE FOUNDATIONS MUST BE SECURELY STAPLED TO THE POLE. STAPLES SHALL BE 2 FEET APART EXCEPT FOR A DISTANCE OF 8 FEET ABOVE GROUND AND 8 FEET FROM TOP OF POLE WHERE THEY SHALL BE 6 INCHES APART.

EQUIPMENT FOUNDATIONS SHALL BE AS REQUIRED BY CODE



NOTE: THIS TYPE CONSTRUCTION SHOULD BE USED FOR THREE CONDUCTOR SERVICE CABLES WITH BARE AGSR NEUTRAL

K16C

REVISED
6-2017