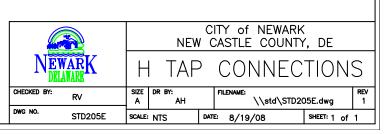


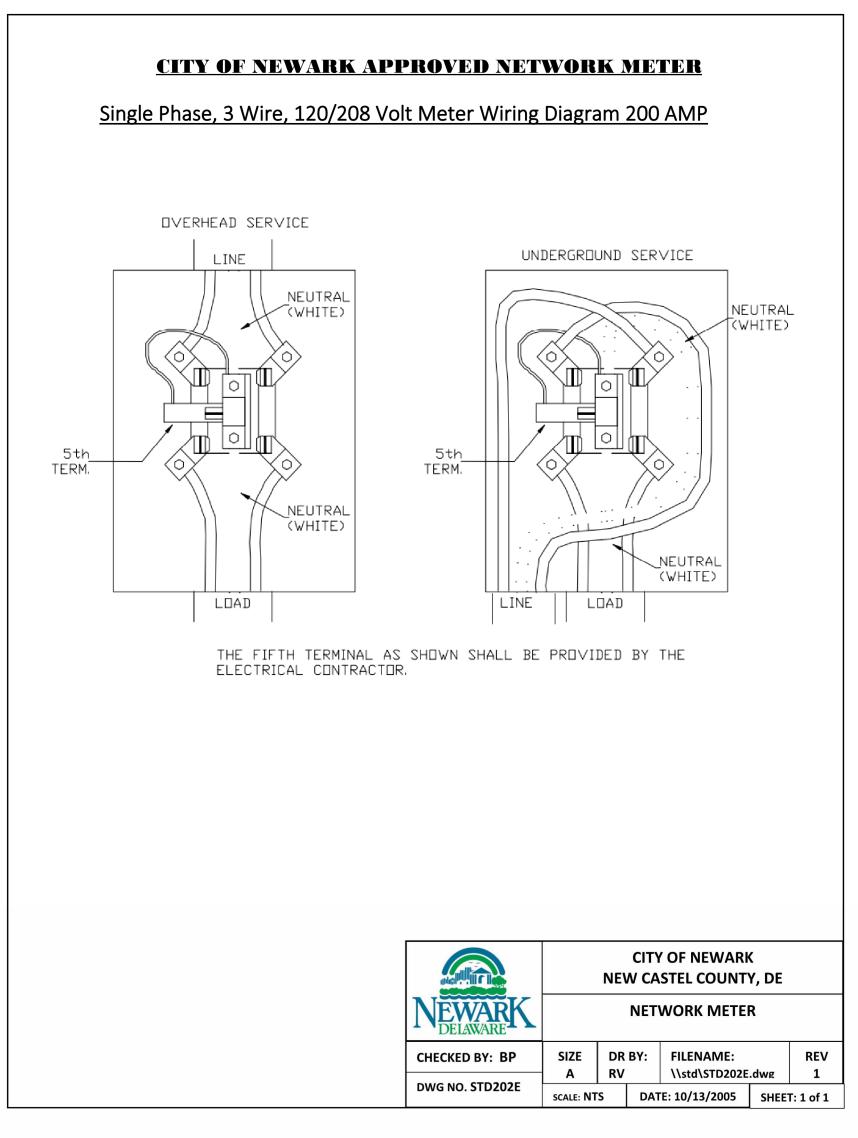
INSTRUCTIONS FOR INSTALLING COMPRESSION "H" TAP CONNECTORS

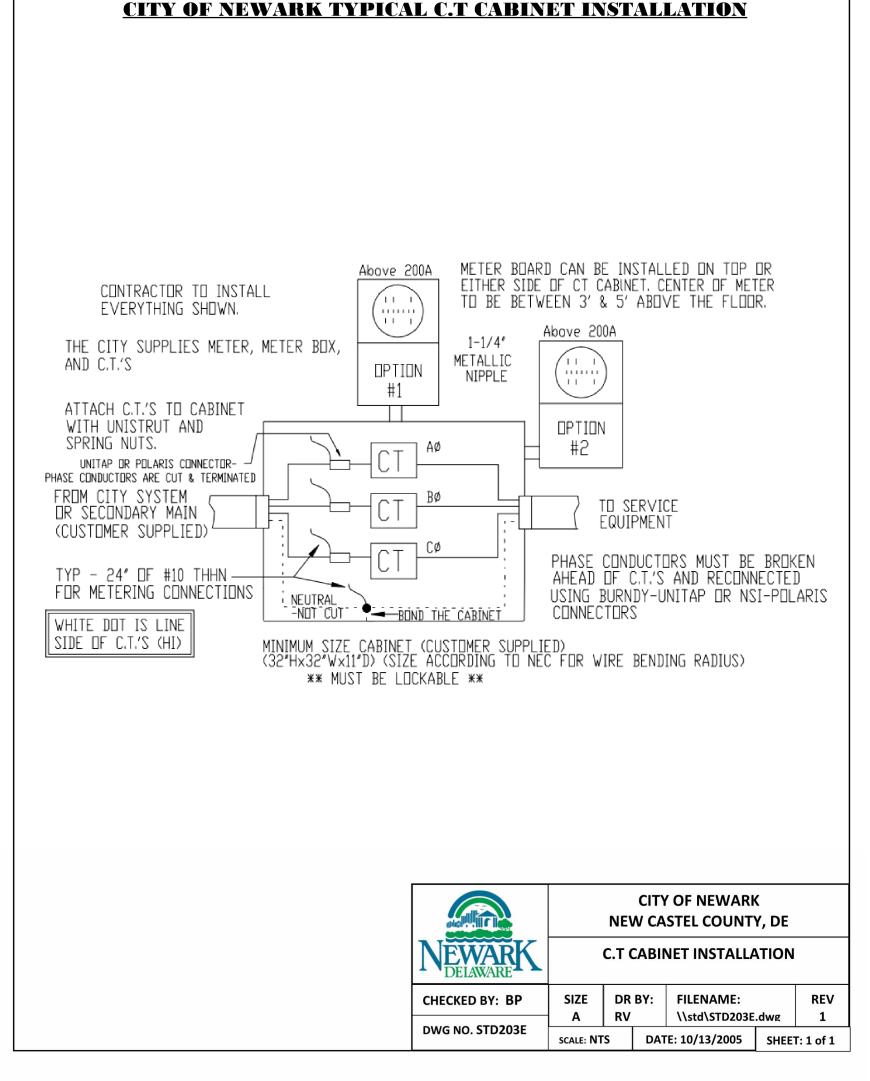
- 1. Use these connectors for non-tension splice or tap connections of aluminum to aluminum conductors or of aluminum to copper conductors, as shown above.
- 2. Be sure to use the correct size connectors and tooling as per manufacturers recommendations.
- 3. Install the connectors so that the aluminum or ACSR conductors are physically above the copper conductors.
- 4. Strip conductor as shown above, wire brush until metal is clean. Apply anti-oxidant compound and make connection immediately.

CAUTION: Do not nick or cut conductors in stripping process!

- 5. Place stripped conductor in groove, allowing it to extend 1/2" beyond connector from end to end using full number of indents as per manufacturers recommendations.
- 6. Tape all connections.







CITY OF NEWARK APPROVED SECONDARY CONNECTORS

Approved Padmount Transformer Secondary Lugs for 3-phase transformers

NO EXCEPTIONS

Six conductors per phase maximum

Burndy Part
YA25A7
YA26A3
YA28A5
YA29A3
YA31A3
YA34A3
YA36A3
YA39A5
YA44A3

- Single Phase Padmounts up to 75kVA six 350 kcmil conductors maximum per spade
- 100kVA six 500 kcmil conductors max, contingent on space for conduits contact Electric Department for prior approval – connectors supplied by the City of Newark

Standard Primary Pull Box

36"X48"X36" Deep High Density Polyethylene Pencell PEM3648X with 2 PEM3648-6 Spacers Identification- ELECTRIC Note: Contact City of Newark Electric Department if pullbox will be subject to vehicular traffic

Approved Aerial Commercial Service Entrance Connector

(For use on customer owned service conductors connected to aerial City owned conductors – usually

triplex or quadriplex)

Burndy (FCI) - Unitap NSI Industries – Polaris System

Note: Contact City of Newark Electric Department to review the number of conductors City will supply.

Approved Secondary Lugs for conductors directly connected to Aerial Transformer

Bushings

City supplies 6 position eyebolt connectors Up to 500 kcmils 600 kcmil YA36A3

750 kcmil **YA39A5**

YA44A3 1000 kcmil

CITY OF NEWARK **NEW CASTEL COUNTY, DE**

APPROVED SECONDARY CONNECTORS

SIZE | DR BY: | FILENAME: **CHECKED BY: BP** RV \\std\STD201E.dwg 1 DWG NO. STD201E SCALE: NTS DATE: 10/13/2005 SHEET: 1 of 1