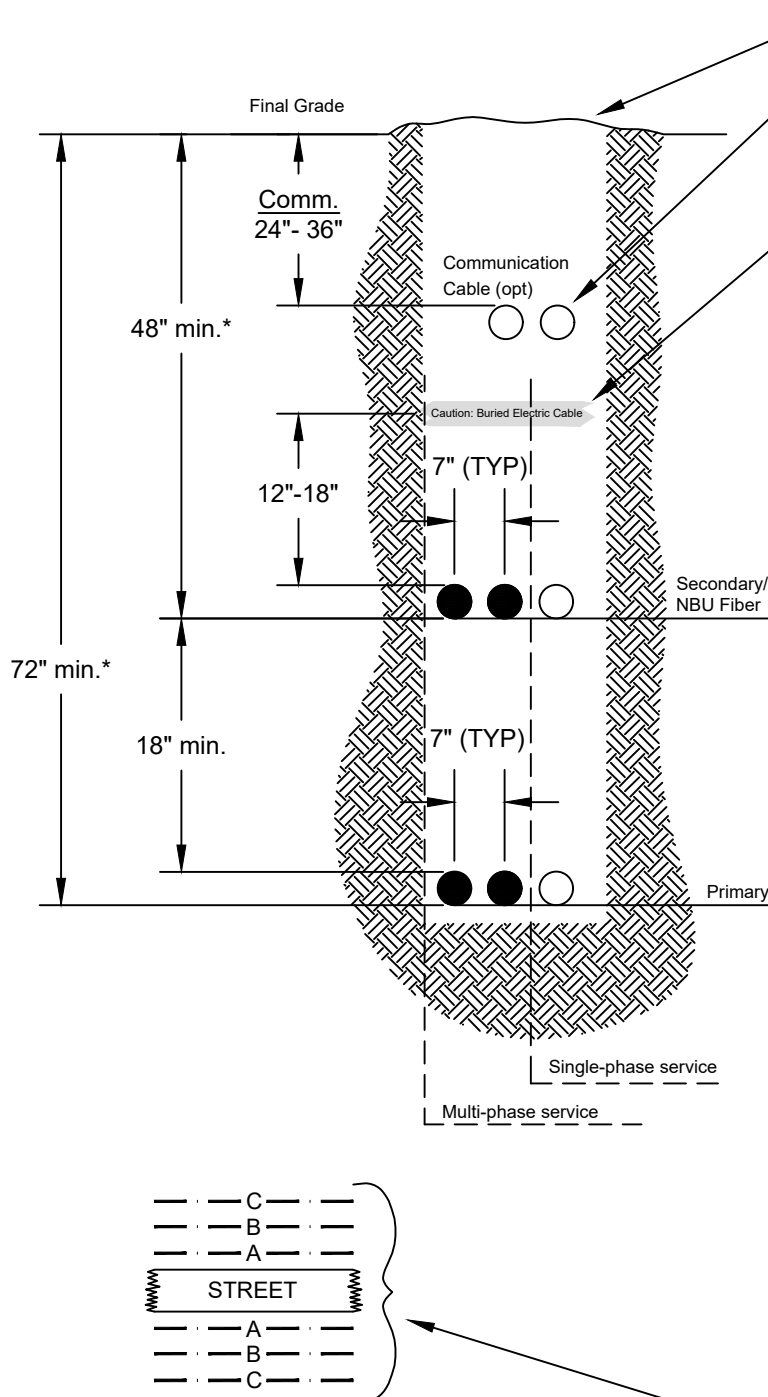


This specification shall be used only in conjunction with the NBU Electrical Connection Policy and may not reflect all requirements of a specific job.

Locations are determined by NBU. All customer installations require inspection by NBU.

All Primary and Secondary stubouts shall be 5' minimum.



Mound earth 3" to 4" above final ground grade.

Communication cable/conduit shall be installed above all electrical conduit(s) and caution tape. All communication cable(s) shall be pulled through conduit, no direct burial.

A 6" wide plastic caution tape, red or yellow in color with black lettering reading, "Caution: Buried Electric Cable Below", will be placed in the trench 12" to 18" above electrical conduit but below any communication cables. For more than 2 conduits horizontally in trench, 2 tapes shall be installed.

Customer shall excavate trench to proper depth and install PVC Schedule 40 Electrical Conduit NEMA TC 2. Conduit elbows (sweeps) for primary shall have 36" minimum radius. Conduit elbows for secondary shall have 18" minimum radius.

#### **CONDUIT SHALL BE SIZED BY NBU.**

Where trenches consist of rock, conduit installations shall have a 3" minimum sand bed below and beside conduit and 12" minimum above. NBU Electric Inspector reserves the right to determine backfill material.

Where electrical equipment foundations (for transformers, junctions boxes, switchgear) lie on top of trench line, the foundation area shall be back filled with approved compacted base material for the entire depth of the trench.

Trenches which cross or will be under streets, commercial driveways, or parking lots shall be back filled with approved compacted base material.

Customer to furnish and install pull string.

No pipe, gas, or water line shall be closer than 36" horizontally from any underground electrical conduit (parallel construction). No pipe, gas, or water line shall be closer than 12" vertically from any underground electrical conduit (perpendicular crossing).

At no time shall any electric line, primary or secondary, be connected for service if found to cross under any building foundation.

**\*Service conduits from meter back to source shall be installed at 24" min. Additional depth maybe required at the discretion of a NBU Electric Inspector.**

For multi-phase service, conductor phase orientation shall be as shown unless approved otherwise by NBU.



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#### **UNDERGROUND CONDUIT INSTALLATION (COMMON TRENCH)**

ISSUED

11/22

SCALE

NTS

DRAWING NUMBER

EU-915