

200. GENERAL

- A. A service application is required for all temporary services. Alliant Energy engineering will approve the location of all temporary service requests.
- B. Temporary services will have an active duration of no more than 1 year.
- C. When the customer no longer requires the temporary service Alliant Energy shall be notified to disconnect from the Customer's facilities.
- D. When a temporary service is furnished the entire expense for installation and removal will be done at the Customer's cost, in addition to the energy usage costs.
- E. Temporary installations may not be reclassified as permanent unless such installations are constructed in accordance with the applicable portions of Chapters 3 and 4.
- F. Customer-owned temporary service entrances are not permitted on Alliant Energy-owned poles.

201. LARGE CAPACITY, THREE PHASE, AND PRIMARY TEMPORARY SERVICES

The Customer shall submit specific proposals for Alliant Energy approval.

202. OVERHEAD TEMPORARY SERVICE, SINGLE-PHASE, 3-WIRE, 120/240 VOLT, 200 AMP MAX. (FOR CONSTRUCTION SITES) **Utility furnishes, installs & Maintains**

7. Service Dead-End
9. Overhead Service Drop Max. Length 100 Ft.
10. Meter

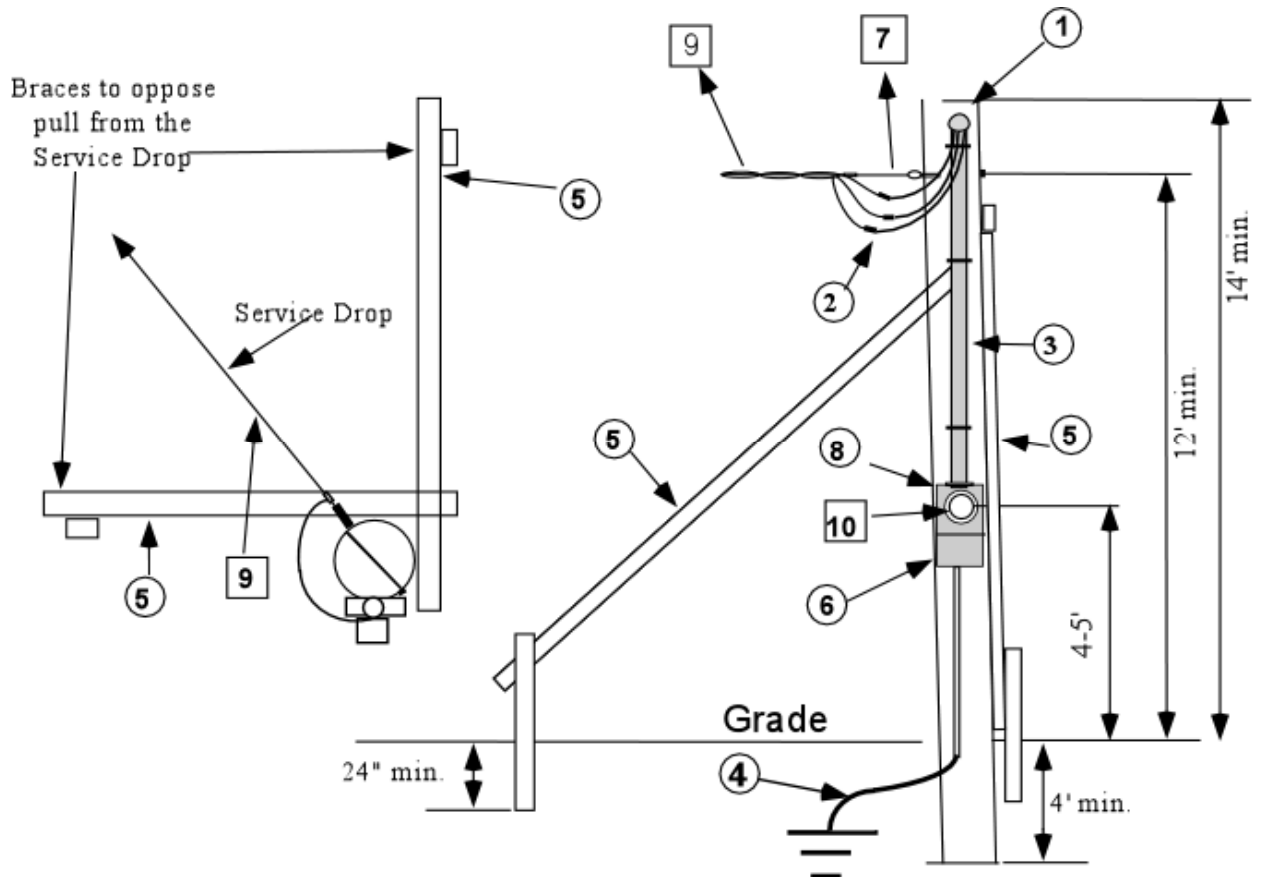
 Customer furnishes, installs & maintains

1. Pole min. class 7 or 4" X 4" Treated Post Min. 4' in Ground.
2. Service Entrance Wires with 36" leads
3. Rigid Conduit or SE Cable.
4. Ground in accordance with the code (Refer to Chapter 5)
5. Two Braces of 2" x 4" x 16' or Guy Wire Capable of Supporting Service Drop
6. Fused Main Disconnect Switch or Main Circuit Breaker
8. Approved Meter Socket

NOTES:

1. Customer pole shall maintain minimum 10' horizontal separation from Alliant Energy facilities
2. Attachment point 6" - 12" below weatherhead.
3. Services shall not be installed across public streets, roads, railroad tracks, or driveways.
4. Panel boards shall be marked as suitable for use as service entrance equipment. Panel boards with more than two single pole breaker positions require a main disconnect (breaker).
5. Panel boards and installed breakers shall be rated for a minimum of 22,000 amperes of fault current if located within 35 feet of a 50 kVA transformer or 100 feet of a 100 kVA transformer.

202. OVERHEAD TEMPORARY SERVICE, SINGLE-PHASE, 3-WIRE, 120/240 VOLT, 200 AMP MAX. (FOR CONSTRUCTION SITES) - CONTINUED



**203. UNDERGROUND TEMPORARY/PERMANENT SERVICE - SINGLE-PHASE, 3-WIRE, 120/240 VOLT, 200 AMP MAX. (FOR CONSTRUCTION SITES)
PREFERRED CONSTRUCTION** **Utility furnishes, installs & maintains**

1. Utility Meter
2. Utility Underground Service Conductors

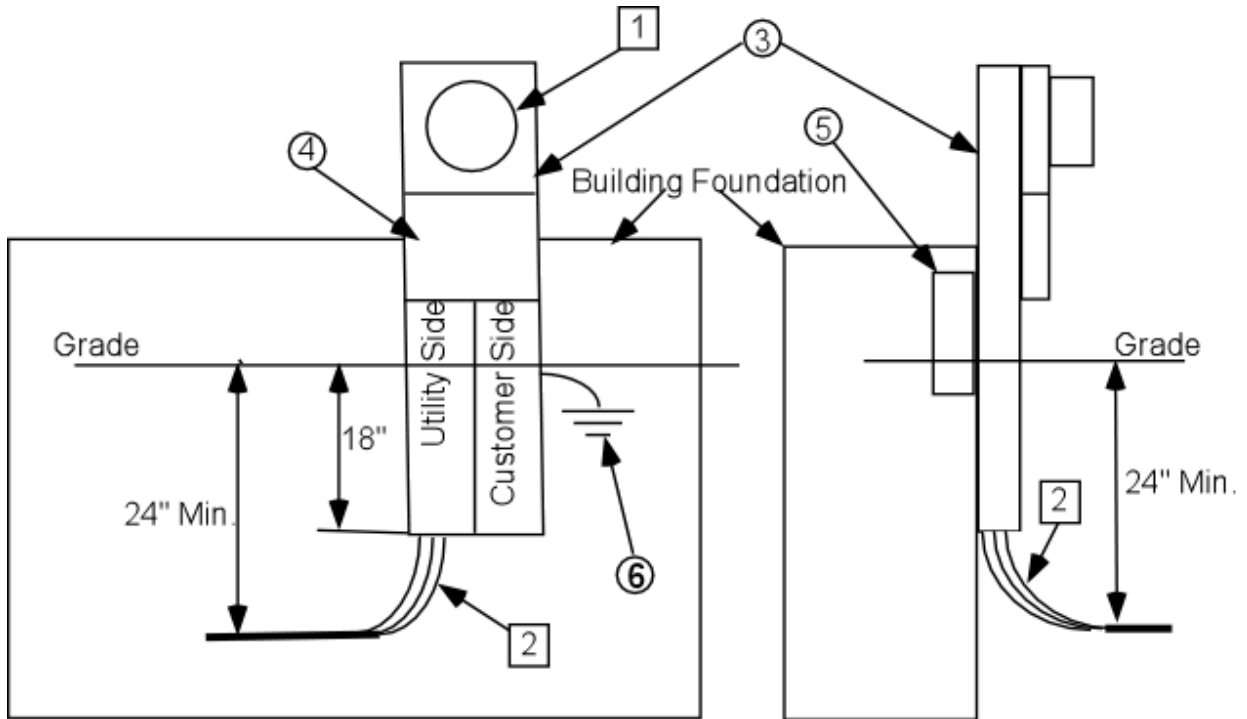
 Customer furnishes, installs & maintains

3. Milbank Pedestal U5706-O-200S-KK
4. Customer's Main (Inside Pedestal)
5. Customer's Feeder Panel
6. Ground in accordance with the Code (Refer to Chapter 5)

NOTES:

1. Milbank pedestal U 5706-0-200S-KK can be ordered with GFCI duplex receptacles for use by the contractor for construction.
2. Pedestal has separate exit channel for a breakered service to another building or structure.
3. Device will satisfy service requirements for permanent service when temporary use is no longer required. Temporary service costs may be avoided.
4. No waiting for the utility to make another trip to energize the permanent service.
5. When used to provide service to a structure, install on field built pedestal shown in Section 615.

**203. UNDERGROUND TEMPORARY/PERMANENT SERVICE - SINGLE-PHASE, 3-WIRE, 120/240 VOLT, 200 AMP MAX. (FOR CONSTRUCTION SITES)
PREFERRED CONSTRUCTION**



204. UNDERGROUND TEMPORARY SERVICE - SINGLE-PHASE, 3-WIRE, 120/240 VOLT, 200 AMP MAX. (FOR CONSTRUCTION SITES) **Utility furnishes, installs & maintains**

2. Meter

 Customer furnishes, installs & maintains

1. Service lateral LFMC* or LFNC** with conductors approved for direct burial connections at utility pedestal to be made by Alliant Energy
3. Approved Meter Socket
4. Ground in accordance with the Code (Refer to Chapter 5)
5. Fused Main Disconnect Switch or Main Circuit Breaker with GFCI outlets
6. 4"x 4" Treated Wood Post or Approved Manufactured Pedestal

*LFMC – Liquid tight Flexible Metal Conduit – See NEC – 350

**LFNC – Liquid tight Flexible NON-Metal Conduit – See NEC – 356

NOTES:

1. Temporary pedestal will be placed **within 3** feet of Alliant Energy's Supply source.
2. Panel boards and pedestals shall be marked as suitable for use as service entrance equipment. Panelboards with more than two single pole breaker positions require a main disconnect (breaker).
3. Panel boards, pedestals and installed breakers shall be rated for a minimum of 22,000 amperes of fault current if located within 35 feet of a 50 kVA transformer or 100 feet of a 100 kVA transformer

205 UNDERGROUND TEMPORARY SERVICE FOR CONSTRUCTION SITES – SINGLE-PHASE 120/240 VOLT 200 AMP MAX.**Utility furnishes, installs & maintains**

7. Meter

**Customer furnishes, installs & maintains**

1. Approved Meter Socket
2. Service lateral LFMC* or LFNC** with conductors approved for direct burial
Connections at utility pedestal to be made by Alliant Energy
3. Ground in accordance with the Code (Refer to Chapter 5)
4. Fused Disconnect Switch or Circuit Breaker with Weatherproof GFCI Receptacles
5. 4" x 4" Treated Wood Post or Approved Manufactured Pedestal
6. Conduit Straps over LFMC
8. 2" x 4" Wood Cross-member to support LFMC (Length as Required)
9. 4" x 4" Wood Stake with 2" x 4" lagged to for support

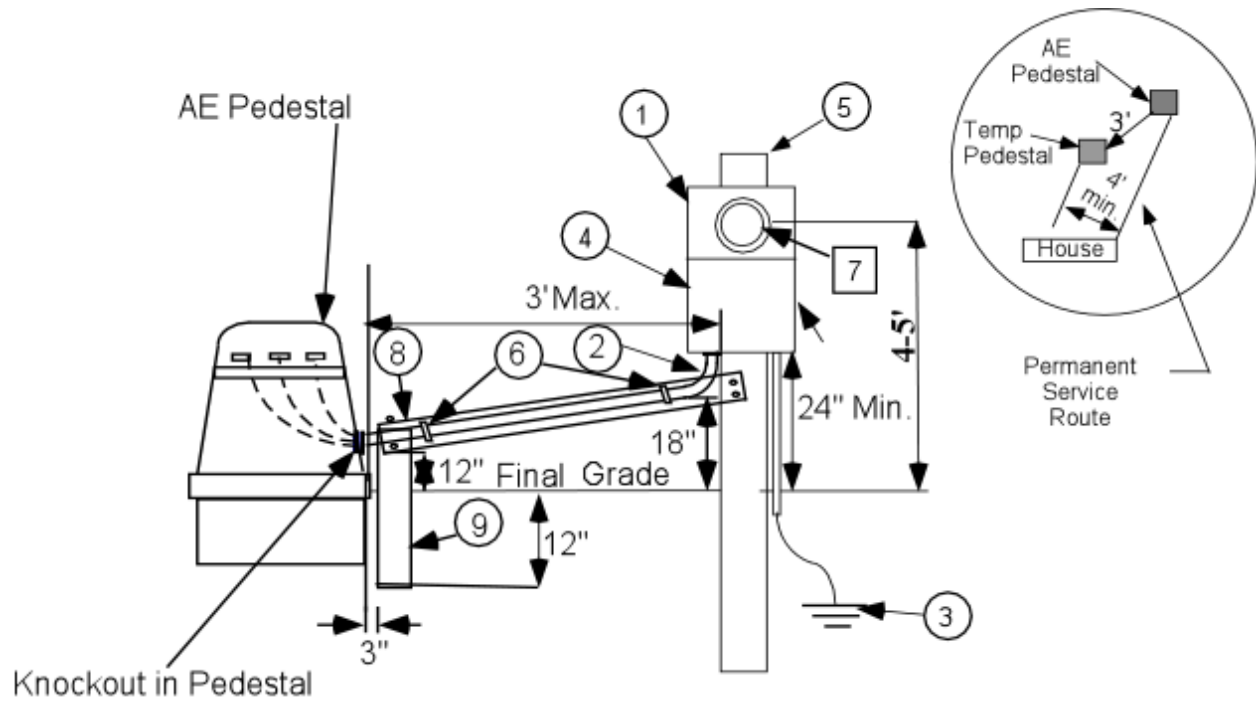
* LFMC – Liquid tight Flexible Metal Conduit – See NEC – 350

** LFNC – Liquid tight Flexible NON-Metal Conduit – See NEC – 356

NOTES:

1. Temporary pedestal will be placed **within 3** feet of Alliant Energy's Supply source.
2. Panel boards shall be marked as suitable for use as service entrance equipment.
Panelboards with more than two single pole breaker positions require a main disconnect (breaker).
3. Panel boards and installed breakers shall be rated for a minimum of 22,000 amperes of fault current if located within 35 feet of a 50 kVA transformer or 100 feet of a 100 kVA transformer.

**205. UNDERGROUND TEMPORARY SERVICE FOR CONSTRUCTION SITES -
SINGLE PHASE 120/240 VOLT 200 AMP MAX.**



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