

# ASP General Information

## Service Installation and Compliance

**Alert Number: GI16\_23**

**26 September 2023**

**Subject: Service Connections in Private Pits**

Recent discussions have been held between Ausgrid's Service Installation and Compliance, engineering, and network standard groups to determine a suitable connection arrangement to allow for underground services to be terminated within a private pit.

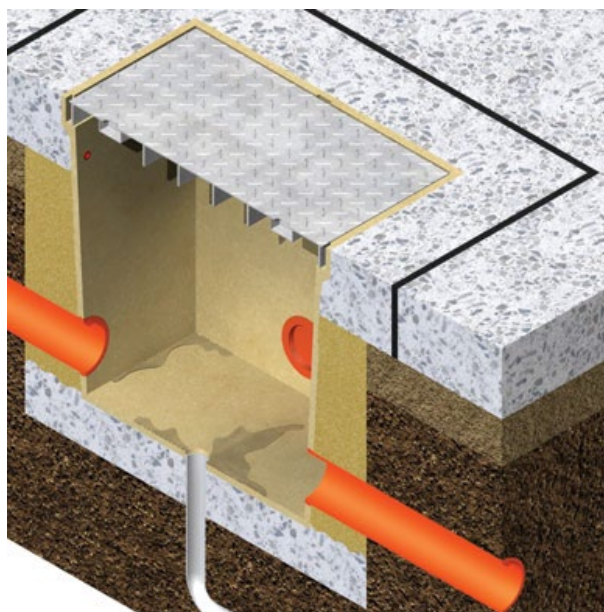
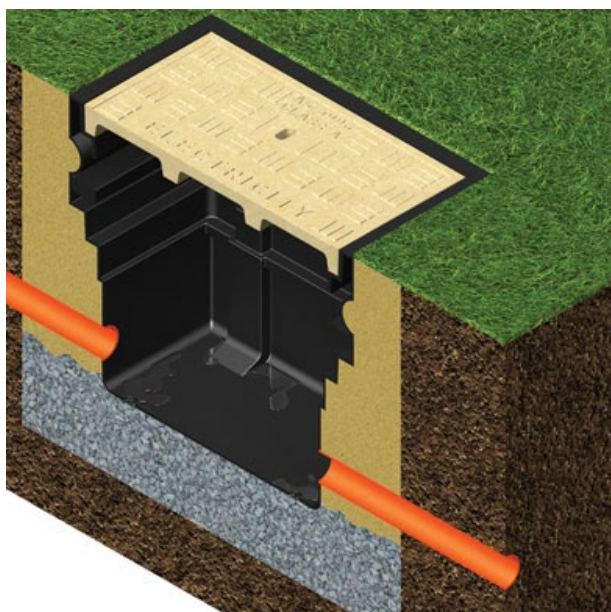
### Underground Residential and Commercial Services

For underground services to be terminated within a private pit, the following conditions must be met:

1. The installation must comply with all relevant Service and Installation Rules of New South Wales and AS/NZS 3000 Wiring Rules requirements.
2. A minimum 1500mm in length of both service cable and consumers mains must be coiled within the pit.
3. The cable manufacturer's specified minimum bending radius must not be reduced.
4. An approved Straight through Joint kit as detailed within Ausgrid's NS127 Low Voltage Cable Joint and Terminations standard must be used.

Note: Joints must be made by an appropriately qualified and authorised person, following the kit manufacturer's instruction.

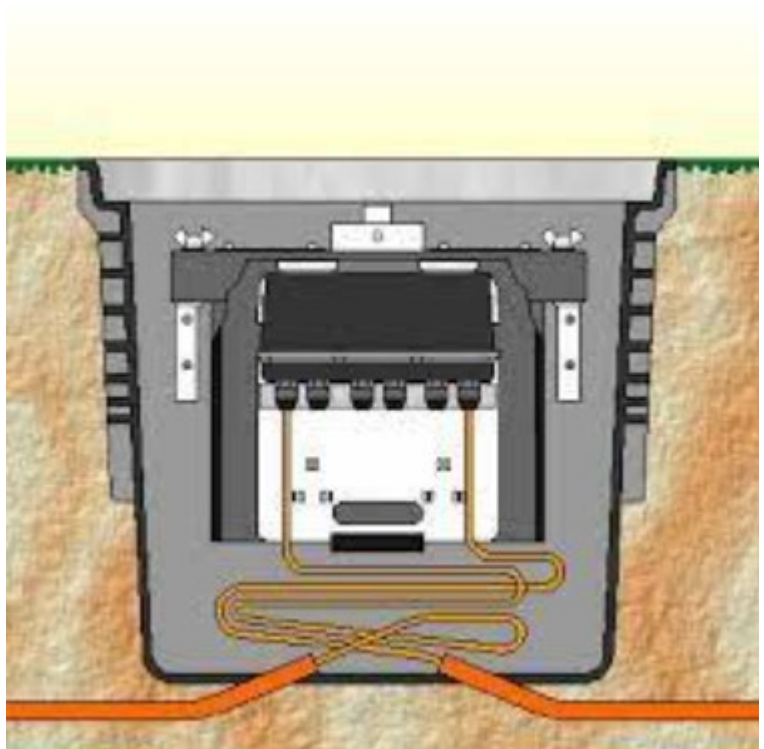
5. Measures must be taken to minimise the amount of standing water within the private pit and conduits.
  - a. A drainage point is to be provided from the base of the pit to allow water to soak away.
  - b. Reasonable clearance below the lowest conduit entry and the base of the pit is required for drainage purposes.
  - c. For landscaped application, where foot traffic only is anticipated, a gravel base should be laid at the bottom of the pit.



## Underground Services for Permanently Unmetered Supplies (PUMS).

For underground PUMS services to be terminated within a private pit, the following conditions must be met:

1. The installation must comply with all relevant Service and Installation Rules of New South Wales and AS/NZS 3000 Wiring Rules requirements.
2. A private pit of suitable ingress protection rating and construction must be used.
3. Terminations must be made by an appropriately qualified and authorised person, following the pit manufacturer's instruction.



### Ausgrid

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