



# Underground Specifications

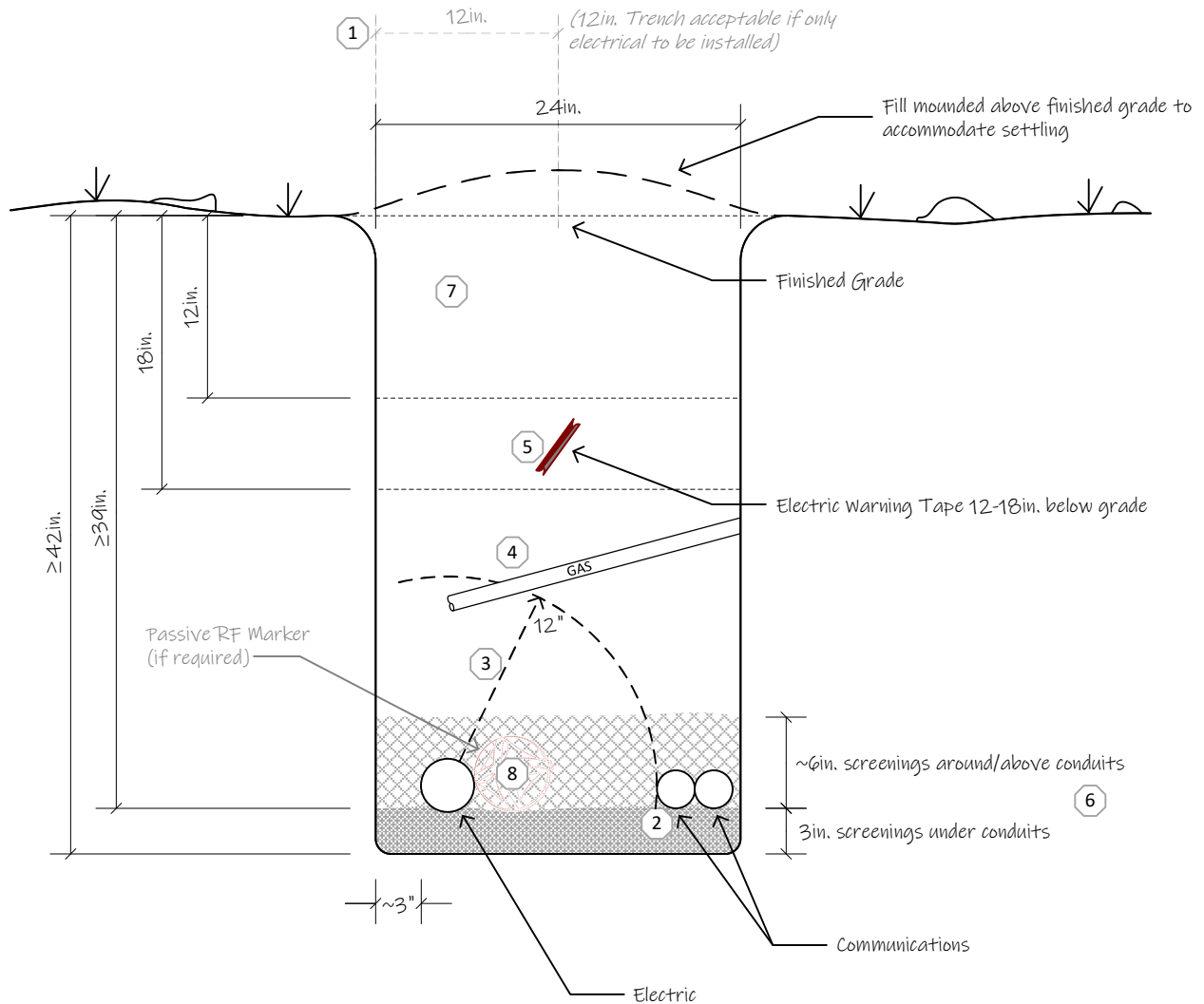
CR-UG-01  
Sh 01  
20211129

## Service Trench Clearance & Backfill Requirements

### Typical Service Trench

Electric & Telecom occupied ('Joint-Use').

Gas Lateral shown crossing trench - Not parallel



Dial 8-1-1 or 1-800-242-1776 not less than 3 business days nor more than 10 business days prior to the start of excavation.

Pennsylvania One Call System Serial Number

Above clearances meet or exceed 2017 NESC®. Future changes to NESC shall take precedence. Specifications subject to change without notice, current revision available upon request.

Approved:

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## Underground Specifications

CR-UG-01  
Sh 02  
20210507

### Service Trench Clearance & Backfill Requirements

#### General Notes:

1. Customer/Excavator is responsible to notify the Pennsylvania One Call System between 3 and 10 days prior to any excavation. Excavation shall comply with the PA Underground Utility Line Protection Law ('UULPA'). More information is available at [www.pa1call.org](http://www.pa1call.org).
2. Trench requirements represent typical installation. Company may specify additional requirements at its discretion in advance of excavation. Deviations from typical installation at customer or contractor request subject to Company approval.
3. Other utilities shown on specification are representative only. Installation of other utilities subject to each utilities' requirements. In the event of conflicts, consult affected utilities for resolution and approval.

#### Drawing Notes:

- 1 Trench width may be reduced to 12" if only electric service to occupy trench. No other utilities permitted in reduced width trench.
- 2 Telecom conduits representative of typical 2" conduits for phone, data and/or TV. Check with communications provider for specific conduit requirements.
- 3 Minimum 12" radial separation from outside of electric conduit(s) to all other utilities.
- 4 Gas laterals to be located above electric, minimum 12" separation between outside edge of conduits. Check with gas provider for additional requirements.
- 5 Electric warning tape provided by Company, installed by customer/contractor. Locate between 12" and 18" depth. May be co-located with other warning tapes. See CR-UG-03 for additional information on warning tape installation.
- 6 Bottom of trench shall be filled with minimum 3" of stone screenings or sand. Additional screenings or sand shall be filled to a minimum of 3" above the top of electric conduits.
- 7 Remainder of trench filled with select earthen backfill free of large stones and non-native debris. Construction waste, fly ash or other similar commercial by-product fills prohibited.
- 8 If required and/or installed, RF Marker Locators need not be covered by a full 3" of screenings. See CR-UG-03 for additional information on warning tape installation.