

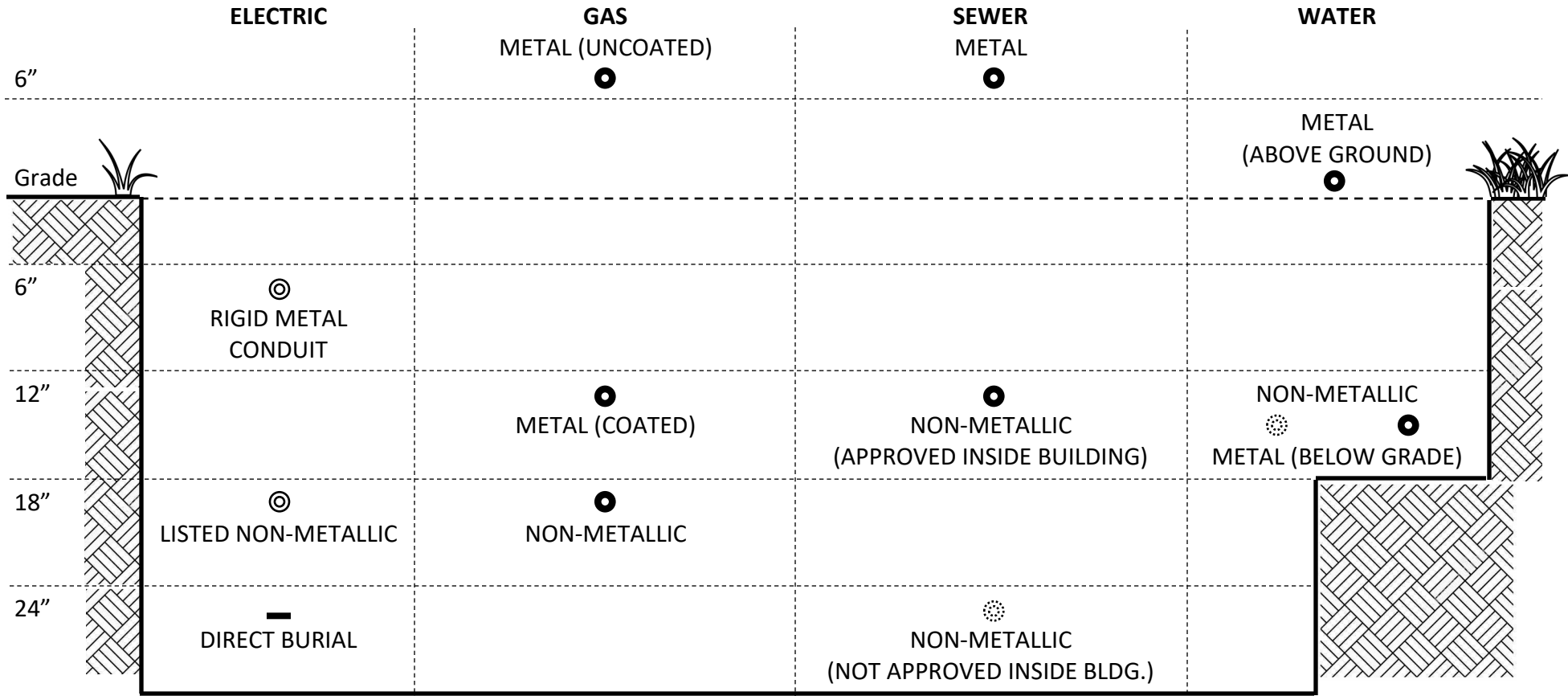


BURIAL DEPTHS FOR RESIDENTIAL YARD PIPING & ELECTRICAL



These burial depths apply outside of buildings & roadways on private property as follows:

1. Not applicable to utility companies gas and electrical lines.
2. May be laid in the same trench without horizontal separation except as noted for water & sewer.
3. See California Plumbing Code for depths and separation for reclaimed or grey water systems.
4. Does not apply to automatic sprinkler system line beyond the control valves.



CEC 2019
Metal: Rigid & Intermediate conduit (coated) 6" min.
Non-metallic: 18" min.
Exceptions: See Table 300.5 (i.e. Under concrete. Irrigation Controls or Landscape Lighting. Residential branch circuits rated 120 volts or less with GFCI protection & max. overcurrent protection of 20 amps may be at 12").

CBC 2019
Metal: (a) 6" above ground (uncoated and unwrapped). (b) 12" to below ground (factory coated or machine wrapped).
Non-metallic: PVC or PE, 18 min.
Note: Require approved plastic to metal transition fittings to rise above ground. 18 Gauge copper tracer wire required for non-metallic pipe.

CPC 2019
Metal: No burial requirements (12" min. recommended to protect from mechanical damage.)
Non-metallic: Pipe approved inside building—12" min. Otherwise, sewer to be 12" below water line with water pipe 12" to one side on solid shelf. Total depth 24" and 12" apart horizontally min.
Note: Must slope min. 2% to disposal.

CPC 2019
Metal: At or above grade, or 12" min. below grade or frost depth.
Non-metallic: 12" min. (plastic)

SYMBOLS

- ⊙ Conduit
- Pipe
- ⊙ Alternative Location
- Direct Burial