Rigid metal conduit (coated) - 6" minimum
Rigid plastic conduit - 18" minimum
Direct burial cable - 24" minimum

California Electric Code Table 300-5 applies. Important exceptions to the above electric line burial depths include:
- A reduction by 6" of the above depths when a minimum of 2" of concrete cover is placed above the wiring method in the line trench.
- A reduction to 12" deep for any wiring method for a 120 volt 20 ampere or less rated residential circuit that is GFCI protected.

The above burial depths are not applicable for the following uses:
- Mobile home parks
- San Diego Gas & Electric service lines
- Exterior slabs or directly underneath building slabs that are at least 3 1/2" thick (conduit may be installed directly underneath slab)
- Locations where solid rock is encountered. Check with Inspection Department for possible solutions
- Vehicular areas

Any trenching near or through a septic system must be reviewed by the Health Department.

*See sheet 2 for plumbing burial depths*
BURIAL DEPTHS FOR YARD PIPING*

These burial depths apply outside of buildings within private property subject to the following provisions:

- Not applicable to San Diego Gas and Electric Company's gas and utility lines.
- Pipe may be laid in the same trench without horizontal separation except as noted for sewer and water lines.
- Not applicable to mobile home parks.

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**WATER PIPE**

**Metal** - No burial requirement. 12" to protect from mechanical damage and freezing. For copper pipe joints use only non-lead bearing solders (solders approved for potable water).

**Nonmetal** - 12" minimum (plastic). Also see sewer pipe depths, nonmetal (b).

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**SEWER PIPE**

**Metal** - No burial requirement (recommend 12" to protect from mechanical damage and freezing).

**Nonmetal** - (a) Pipe approved inside building, 12" minimum.

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**GAS PIPE**

**Metal** -
(a) 6" above ground (black or galvanized iron), securely supported.
(b) 12" below ground (factory coated or machine wrapped).

**Nonmetal** - (PE plastic) - 18" minimum.

**NOTE:** Approved plastic to metal transition fittings required (all plastic pipe to be a minimum of 18" below ground). Also 18 GA. Copper yellow insulated tracer wire required.

*See sheet 1 for electrical lines*