

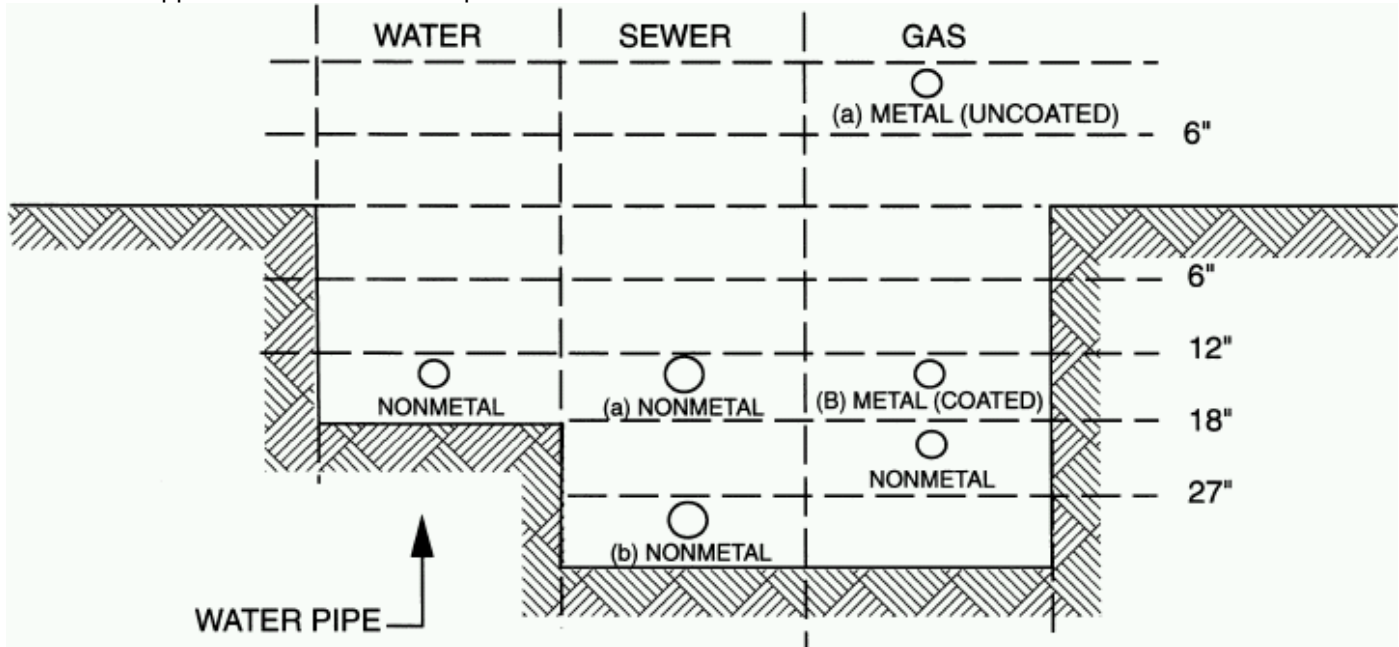


County of San Diego, Planning & Development Services
BURIAL DEPTHS
BUILDING DIVISION

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 in the same trench without horizontal separation except as noted for sewer and water lines.
- Not applicable to mobile home parks.



METAL – No burial requirement (recommend 12" to protect from mechanical damage and freezing). For copper pipe joints use **only** nonleaded bearing solders (solders approved for potable water).

NONMETAL – 12" minimum (plastic). Also see sewer Pipe depths, nonmetal (b).

SEWER PIPE

METAL – No burial requirement (recommend 12" to protect from mechanical damage and freezing).

NONMETAL – (a) Pipe approved inside building, 12" minimum.

(b) For pipe not approved inside building, sewer to be 12" below water pipe with water pipe to one side on a solid shelf—total depth to the top of sewer + or – 27".

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.

ALL MEDIUM PRESSURE GAS LINES REQUIRE A MINIMUM OF 18" COVER.

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

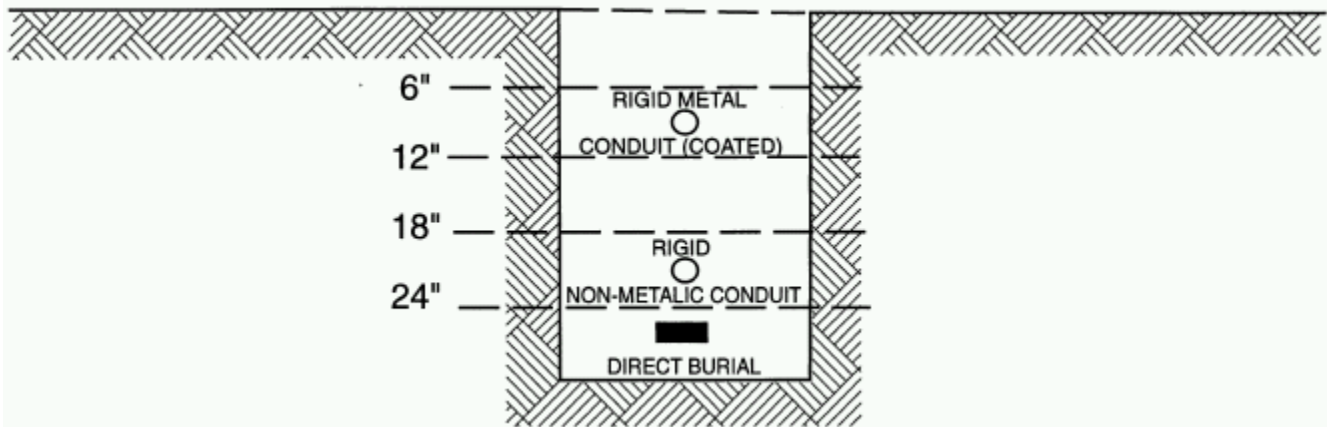
*See reverse side of sheet for electrical lines.



County of San Diego, Planning & Development Services
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BURIAL DEPTHS FOR ELECTRICAL LINES ON PRIVATE PROPERTY*

ELECTRIC LINE BURIAL DEPTHS
Rigid metal conduit (coated) – 6" minimum
Rigid non-metallic conduit – 18" minimum
Direct burial cable – 24" minimum



National Electric Code Table 300-5 applies. Important exceptions to the above electric line burial depths include:

- A 6" reduction of the above depths is allowed when a minimum of 2" of concrete cover is placed above rigid non-metallic conduit and direct burial cable. **No reduction is permitted for rigid metal conduit.**
- 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 3½ 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 reverse side of sheet for plumbing burial depths.*