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.

<table>
<thead>
<tr>
<th>WATER PIPE</th>
<th>WATER</th>
<th>SEWER</th>
<th>GAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>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).</td>
<td>NONMETAL – 12” minimum (plastic). Also see sewer Pipe depths, nonmetal (b).</td>
<td>(a) METAL (UNCOATED) – 6”</td>
<td>(b) NONMETAL</td>
</tr>
</tbody>
</table>

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<tr>
<td>METAL – (a) 6” above ground (black or galvanized iron), securely supported.</td>
<td></td>
<td></td>
<td>(a) NONMETAL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(b) NONMETAL (COATED) – 12” below ground (factory coated or machine wrapped).</td>
</tr>
<tr>
<td>NONMETAL – (PE plastic) 18” minimum.</td>
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<td></td>
<td>NONMETAL – (PE plastic) 18” minimum.</td>
</tr>
</tbody>
</table>

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.
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.*