



# Building and Safety Division - Public Information

County of Ventura • Resource Management Agency • [http://www.ventura.org/rma/build\\_safe](http://www.ventura.org/rma/build_safe)  
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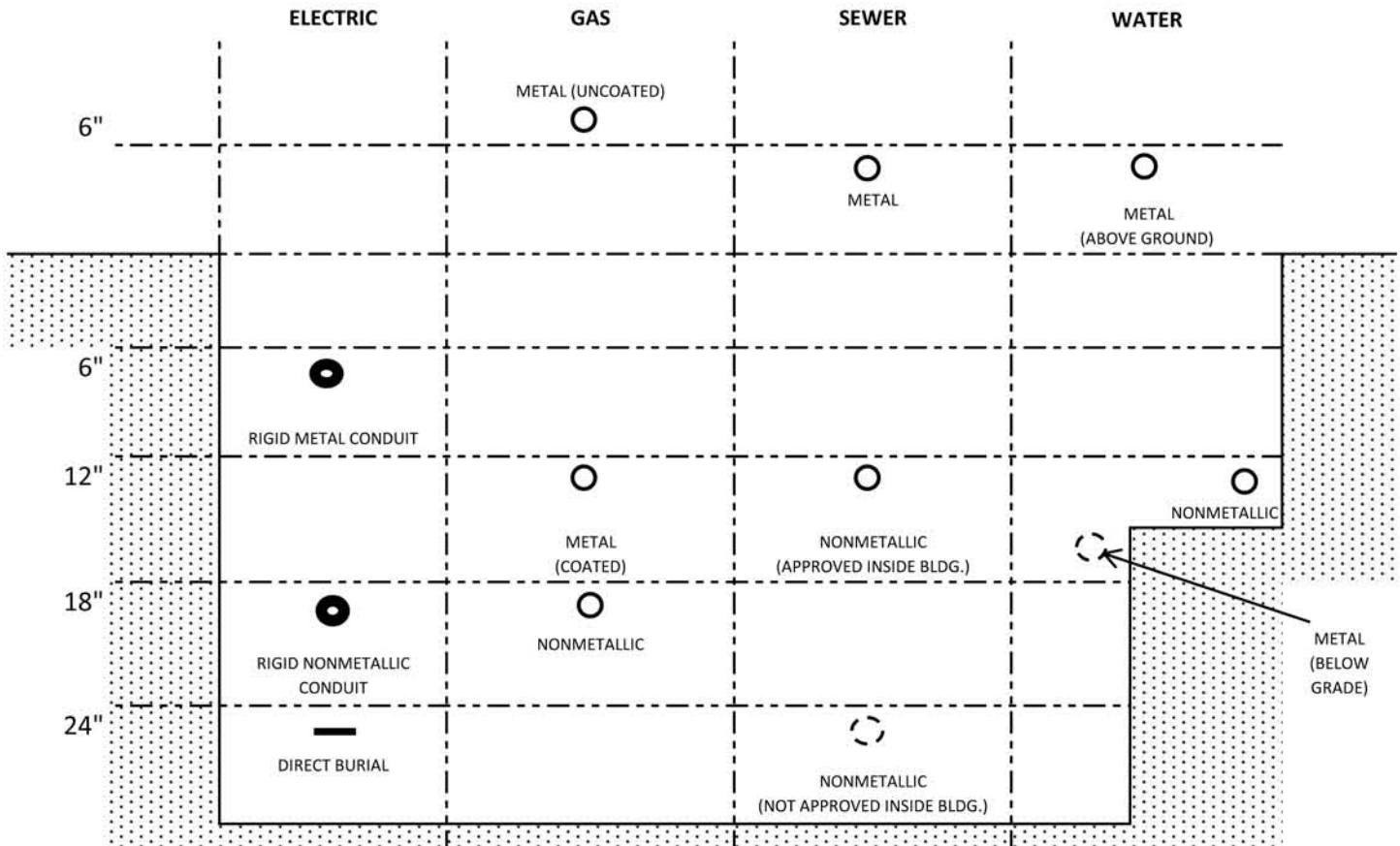
## BURIAL DEPTHS FOR YARD PIPING AND ELECTRICAL LINES

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

- Not applicable to utility companies gas and electric utility lines.
- May be laid **in the same trench** without horizontal separation except as noted for sewer and water lines.
- Does not apply to automatic sprinkler system lines beyond control valves.
- **If excavation is proposed under a tree**, contact Planning at (805)654-2488.

**SYMBOLS:**

- CONDUIT
- PIPE
- ALTERNATE LOCATION
- DIRECT BURIAL CABLE



CEC 2010 Sec 300.5

Rigid Metallic - 6"

Rigid Nonmetallic - 18"

Direct Burial - 24"

NOTE: Depth may be reduced by 6" for nonmetallic and direct burial under 2" of concrete. See Table 300.5 for additional requirements.

CPC Sec 1211.0

Metal -  
 (a) 6" above ground (uncoated and unwrapped)  
 (b) 12" below ground (factory coated or machine wrapped).

Nonmetallic - (PE Plastic) 18" minimum

NOTE: Require approved plastic-to-metal transition fittings to rise above ground. Also, 14 GA. copper tracer wire required for nonmetallic pipe.

CPC 2010 Sec 720

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

Nonmetallic -  
 (a) Pipe approved inside building - 12" minimum.  
 (b) Pipe not approved inside building - sewer to be 12" below water line with water pipe 12" to one side on a solid shelf - total depth 24", and 12" apart horizontally minimum.

CPC 2010 Sec 609.0

Metal -  
 At or above grade, or 12" minimum below grade.

Nonmetallic - 12" minimum (plastic).

Tracer wire blue insulated copper #18 AWG for direct burial. Sec 604.8