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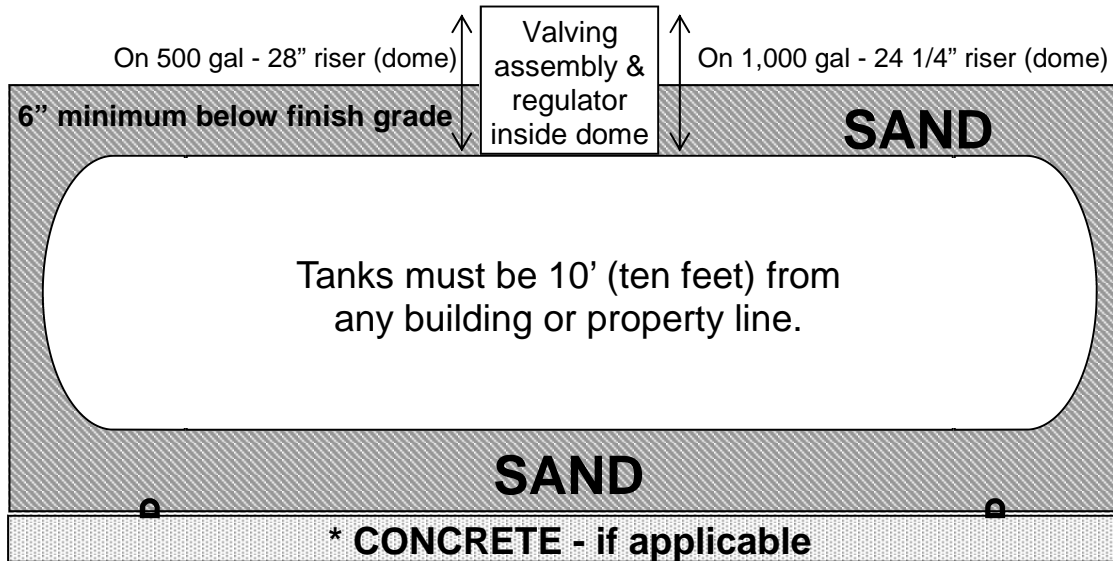
Eastern Propane & Oil

Excavation Guidelines for Underground LP Gas Tanks

Proper excavation is the essential first step in the proper installation of an underground tank. Improper excavation can jeopardize the installation and can potentially lead to a hazardous gas leak. Excavation work should always be performed by an experienced and qualified contractor in accordance with the following guidelines. Be sure to call Digsafe before digging: 888-DIG-SAFE (344-7233).

Grade earth downward and away around housing dome. This prevents water collecting and running into or standing around housing dome.

Be sure to keep at least half of riser (dome) above ground. Marking the halfway point before back-filling is helpful, especially if finishing with top soil. Filling in more than halfway can cause future water/freezing problems and must be avoided.



	500 Gallon Underground Tank	1,000 Gallon Underground Tank
Tank Dimensions:	10' x 38" diameter	16' x 41" diameter
Weight:	921 pounds (approximate)	1,731 pounds (approximate)
Hole Dimensions:	14' long x 5' wide x 4'6" deep	20' long x 5'6" wide x 4'6" deep
Below the Tank:	6" sand in bottom of hole	6" sand in bottom of hole
Prior to Back-filling:	One 17-pound anode bag connected to tank. Place at least 2' away from tank and low in the hole. Pour 1 gallon of water on bag and immediately cover with sand.	Two 17-pound anode bags connected to tank. Place at least 2' away from tank and low in the hole. Pour 1 gallon of water on bag and immediately cover with sand.
Back-fill:	Once tank is placed, back-fill entire hole with sand**	Once tank is placed, back-fill entire hole with sand**

*If a concrete pad is required, depth of hole must be 6" deeper to accommodate a 6" concrete pad in the dimensions of the tank with 4 anchor eye bolts (one in each corner of the pad). Attach stainless steel or similar strapping from lifting lugs down to eye bolts.

**Touch-up any scratches or marks on tanks or lifting lugs with proper coating materials before back-filling.

Gas Line Trench Specifications

Copper: Trench, from tank to point of entry to building, must be 18" deep with a bed of sand.

Polyethylene Piping: Trench, from tank to point of entry to building, must be 2' deep with a 6" bed of sand. Tracer wire along with caution tape shall be properly installed by a qualified service technician.

Warning: The installation of underground LP gas tanks is governed by the LP Gas Code (NFPA 58) and must always be done by a qualified professional. Installation of tanks by unqualified persons can potentially lead to a hazardous gas leak.