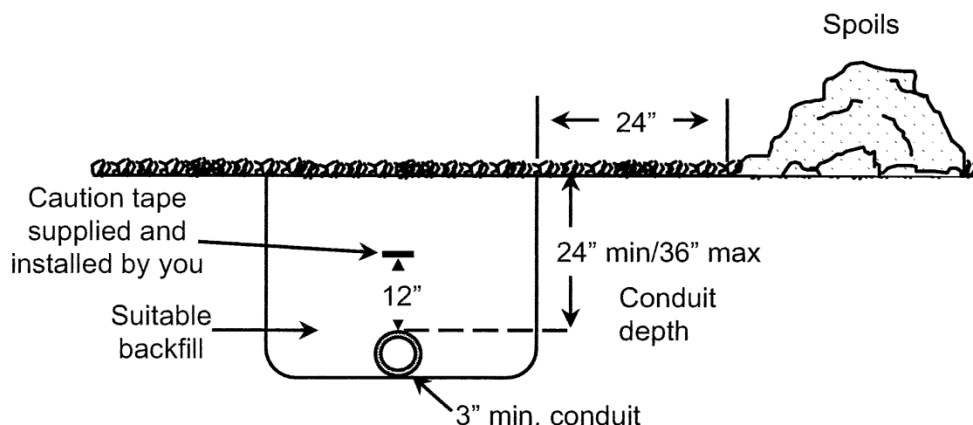


**FIGURE 9**  
**Trenching Requirements**



**Notes:**

- A. OSHA standards require that spoils shall be placed 24" from edge of trench.
- B. Suitable backfill shall not contain ash, cinder, shell, frozen material, loose debris or stones larger than 2" max. dimension.
- C. All Electrical grade Schedule 40 PVC conduit will be listed and labeled for Direct Buried and above ground use.
- D. **Horizontal Clearance** - shall be 12 inches minimum or more as necessary to permit access for maintenance of all facilities without damage to the others. This includes private wiring. Fuel (Gas and Oil) and Water Lines shall be no closer than 18 inches in all directions. **Vertical Crossing Clearance** - shall be so constructed and supported that upper facility will not transfer harmful load onto any lower facility. There shall be adequate vertical clearance to permit access for maintenance of all facilities without damage to the others. In general, 12 inches is considered adequate separation, but the parties involved may agree to a lesser separation. Fuel (Gas and Oil) and Water Lines shall be no closer than 18 inches in all directions.
- E. You will provide and install the caution tape which meets the requirements of Section 16-345-3 of the Regulations of Connecticut State Agencies. The tape shall be red polyethylene, 6" wide X 4 mils thick with black lettering of a minimum letter size of 120 Helvetica Light. It shall contain the following continuous printed warning:  

**"Caution - Electric Line Buried Below"**

**Metallic Foil tape is NOT acceptable.**
- F. All conduit shall be inspected by the local municipal authority prior to backfilling.