

Excavation or Penetration Permit Reference Guide

ACTIVITY	Permit Required? *
EXCAVATION	
Excavation of soil, asphalt, or sidewalk 12 inches or more in depth	Yes
Excavation of soil beneath interior slab	Yes
Excavation of soil beneath concrete sidewalks, slabs, or asphalt greater than two inches	Yes
Installing buried utilities 12 inches (or deeper) below grade	Yes
Repairing sprinkler line	Yes
Planting tree (hole 12 inches or more in depth)	Yes
Scraping or blading of previously undisturbed soil	Yes
Repairing sprinkler head in non-Environmental Restoration (ER) area	No
Planting flower (hole less than 12 inches in depth)	No
PENETRATION	
Penetration (two inches or more) into concrete slab, floor, roofs, ceiling, or walls	Yes
Penetration (two inches or more) in filled cinderblock wall	Yes
Installing anchor bolts (two inches or longer) in poured concrete wall	Yes
Penetration into any underground concrete encased duct bank	Yes
Penetration where a site investigation cannot identify potential hidden hazards	Yes
Penetration into pre-cast concrete wall	No
Penetration into floors, ceilings, roofs, or walls constructed of wood, metal, cinderblock (excluding concrete-filled), tile, gypsum or other similar materials (site investigation must be performed to identify hidden hazards).	No
SPECIAL	
Any excavation or penetration spotting requests by Construction Observer, Excavator, or Penetrator	Yes

NOTES:

1. Additional Operating Procedures, Administrative Procedures, safety plans, etc., may apply to excavation or penetration activities, including the use of personal protective equipment (PPE).
2. All excavation or penetration areas shall be inspected visually (i.e. both sides of wall) by the Excavator or Penetrator to determine if any utilities or hazards are located in the excavation or penetration area.
3. Excavator or Penetrator may request an Excavation or Penetration Permit for **ANY** work location that does not require an Excavation or Penetration Permit if they determine that further investigation into the work site is warranted.
4. When a duct bank Penetration Permit identifies high voltage hazards, a task-specific procedure shall be written and submitted to the Penetration Coordinator for review (reference AP-004 or the 01065 Specification for further guidance).
5. **EXCEPTION:** *Irrigation sprinkler head repairs will be permitted without Excavation or Penetration Permits or spotting, provided that: a) the area of the damaged irrigation sprinkler head is hand dug (NO POWER TOOLS), and b) the hole is no deeper than 24", and c) the damaged irrigation sprinkler head is not located in an Environmental Restoration Site (based on information from Environmental Restoration (ER) personnel).*