



THE CITY OF ASPEN

CITY OF ASPEN ENGINEERING DEPARTMENT
EXCAVATION STABILIZATION REQUIREMENTS

An Excavation Stabilization Plan is needed if either of these is true:

- Nearby Structures and Travel Ways: both (1) the depth of excavation will be deeper than five feet AND (2) the proposed foundation walls (including light wells) are within a horizontal distance less than the vertical depth of the excavation of any existing travel way, structure or property line. (For this purpose, a travel way is defined as any sidewalk, walkway, driveway, parking area, or street.)
- Nearby Trees: An Excavation Stabilization Plan is needed if excavation will occur within the drip line of a tree that is deemed significant by the City Parks Department. (To determine if a tree is considered 'significant', contact Brian Flynn of the City Parks Department at 429-2035.)

All drawings must be 24" x 36" in size. All Excavation Stabilization plans must be included in the permit sets.

As an alternative to the use of stabilization elements (i.e. soil nails, etc.), stabilization may be achieved using techniques outlined in **OSHA Regulations (Standards – 29 CFR), Sloping and Benching – 1926 Subpart P, App. B** (a link for this is provided at the City Engineering Department's webpage).

The permit application needs to include an Excavation Stabilization Plan, prepared and stamped by a Colorado Professional Engineer. Refer to OSHA Department of Labor Sloping and Benching Requirements 1926 Subpart P Appendix B for guidance. Below is a general list of **required information**. More information may be required as each project is individually evaluated. The plan's objective is to reduce the likelihood that building excavations may damage adjacent properties or trees or cause road closures.

Extent of the excavation, cross section(s) of the excavation cut, spot elevations of the top and bottom of cuts, location of construction fences, site-specific construction drawings of excavation stabilization measures, necessary erosion control measures.

Neighbor Notification: The Contractor must comply with neighbor notification requirements stated in Section 3307 of the 2003 International Building Code.

Stabilization elements (i.e. soil nails, etc.) are allowed in setbacks; but, they must be covered.

Stabilization elements are allowed in the ROW and are subject to Sec. 2.12.051 of the Aspen Municipal Code.