

**ARAPAHOE COUNTY
RETAINING WALL
SUBMITTAL REQUIREMENTS**

The following types of residential and commercial retaining walls require permitting:

- Retaining walls that are more than 48" in height measured from the bottom of footing
- Retaining walls supporting a surcharge (embankment, direct or indirect support for a building, pool, driveway or drive lane, or other structure, etc)
- Retaining walls that impound Class I, II or III-A liquids
- Retaining walls that are directly adjacent to required egress paths, parking areas, sidewalks used for egress, etc where the wall creates a drop off of more than 30" above grade (at any point within (3') three feet measured horizontally of the wall), may then also require a guard to be installed.

The following are submittal requirements for retaining walls that require permitting:

1. A complete Building Permit Application, signed and dated, including the labor and material valuation
 2. A site plan showing the location of the wall, complete with **all** dimensions to property lines and all other structures on the property
 3. Clarification of any additional loads that the wall may be supporting
 4. Construction plans, (2) sets, showing how the wall is to be constructed and the type of materials used, and listing the design criteria that was used in the wall design. A section should also be included, showing the height and width of the wall, the slopes to and away from the wall, the depth below ground, etc. The plans must be stamped and signed by an engineer or architect for all walls referenced in at least the first three bulleted items above, or for any commercial application.
- Upon completion of any engineered retaining wall system and to be able to close out the permit, the architect or engineer of record must provide a stamped letter, verifying that the wall construction was properly inspected and is in general compliance with the stamped plans and applicable codes.
 - Any wall not inspected by the County must also provide a stamped letter, verifying that the wall construction was properly inspected and is in general compliance with the stamped plans and applicable codes.