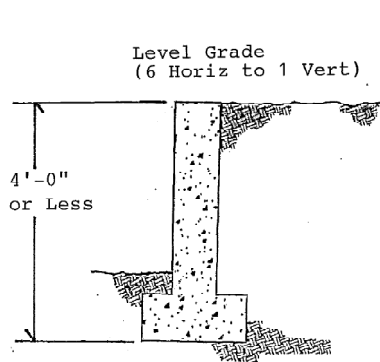


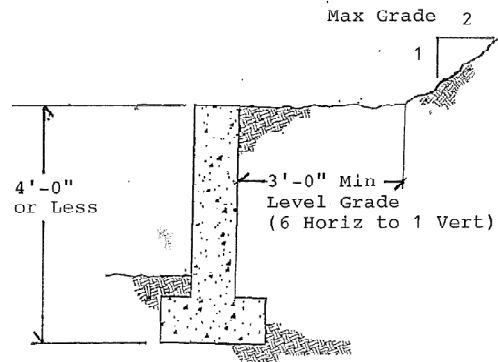


Retaining Wall Requirements

A building permit is **NOT REQUIRED** for retaining walls that are 4'-0" high or less measured from bottom of footing to top of wall and do not have a sloped backfill greater than 6 horizontally to 1 vertically (SEE BELOW).



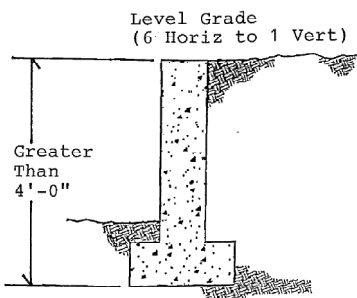
No Permit Required



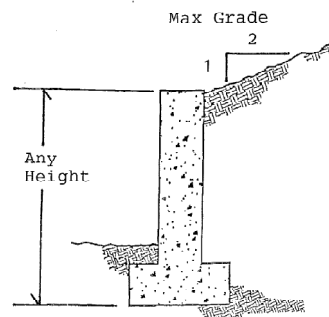
No Permit Required

A Building Permit and engineering calculations are **REQUIRED** when:

- The wall is greater than 4'-0" measured from bottom of footing to top of wall, **or**
- The wall is any height supporting a surcharge greater than 6 horizontally to 1 vertically, **or**
- The wall is supporting any structure, driveway, pool, or street (SEE BELOW).



Permit Required



Permit Required

A soils report is **REQUIRED** for retaining walls as follows:

- **Hazard Zone A:** For all walls over 6'-0" measured from bottom of footing to top of wall.
- **Hazard Zone B:** For all walls over 4'-0" measured from bottom of footing to top of wall.

Plans are required for all walls requiring a building permit and must include:

- Engineering design calculations, stamped and signed by a licensed architect or civil engineer
- Plans shall include site plan showing property line locations, street locations, location of the work, length of walls, setbacks to existing buildings, decks, fences, pools, PUE's, etc.
- Plans shall include a construction section for the wall(s) showing materials, footings, reinforcement, height of wall, height and slope of backfill, drainage system, etc

Note:

- If retaining wall is built with embedded wood post supports in-lieu of a continuous concrete footing, the vertical measurement shall be no greater than 36 inches measured from lower grade to top of wall.
- **An Encroachment Permit may be required from the Public Works Department for any walls located in the public right-of-way. Contact Public Works, at 650-802-4203.**