typology

group B
Basic principles

SLOPE OF NATURAL TERRAIN

\[ \tan \theta = \frac{4}{x} \]

→ NOT GOOD IN URBAN ENVIRONMENT

RETAINING WALL

Clay coming from digging that you can reuse
Technical tools / Solutions

- CANTILEVER WALL WITH STIFFENERS
- The thrust diffuses on the wall if it is too long:
  - Joints with no width
  - Joint (water stop) open on the visible side

Note: Red linked to an anchor plate.
Different types of walls

- Reversal slab
- Cantilever/Armed Concrete
- Porous and draining slab
Peter Zumthor - thermal bath in Vals
Hotel Encuentro, México
Hotel Miramonti, Meran (Italy)
Winery Franz Keller, Freiburg (Germany)
Búhos House / Ambrosi I Etchegaray