

Izmit, Kocaeli, Turquía-17-08-1999

M = 7.4, Amáx = 0.4g, Foco: 17Km

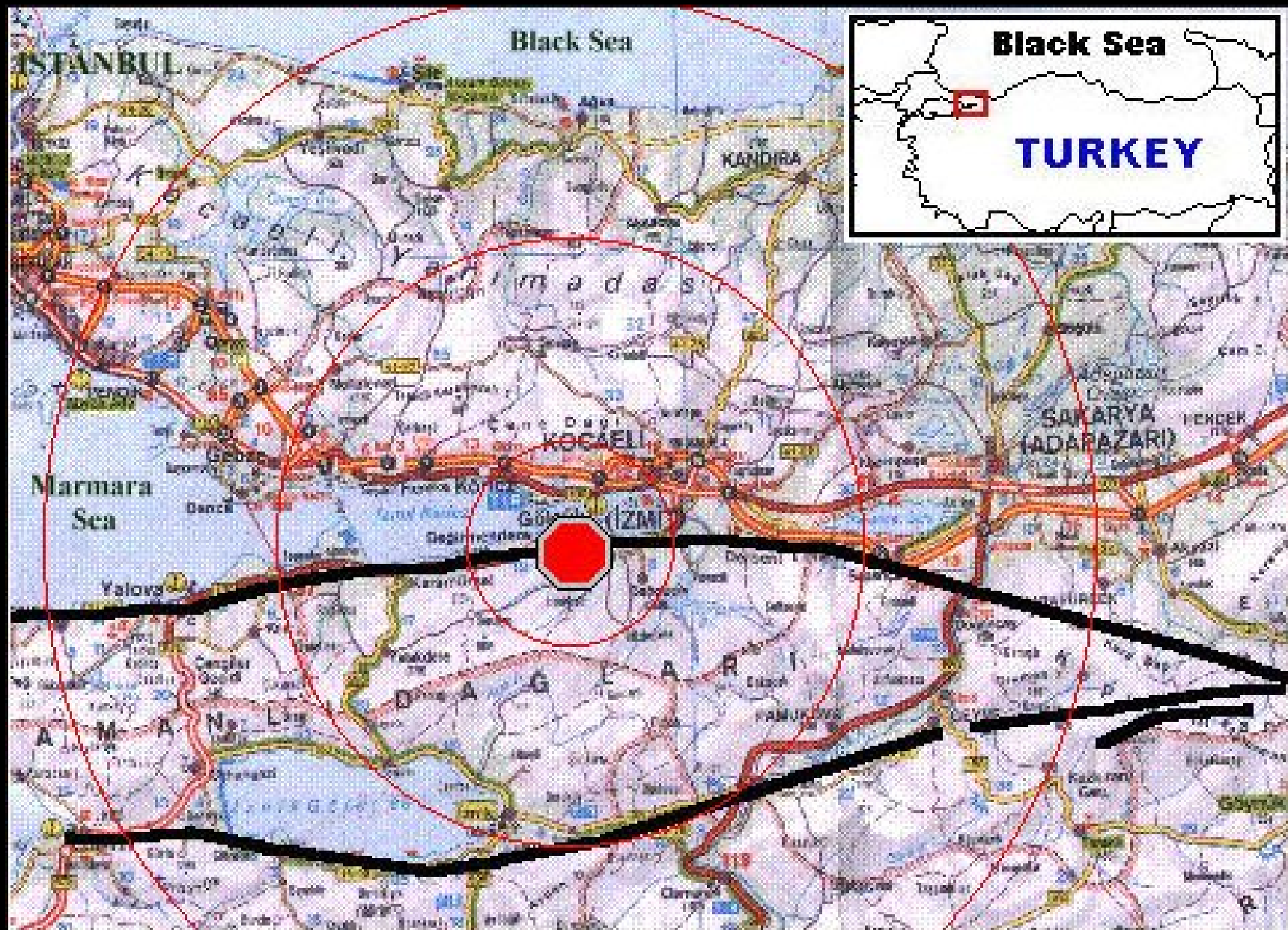


Edición: Ángel San Bartolomé

Fuentes:

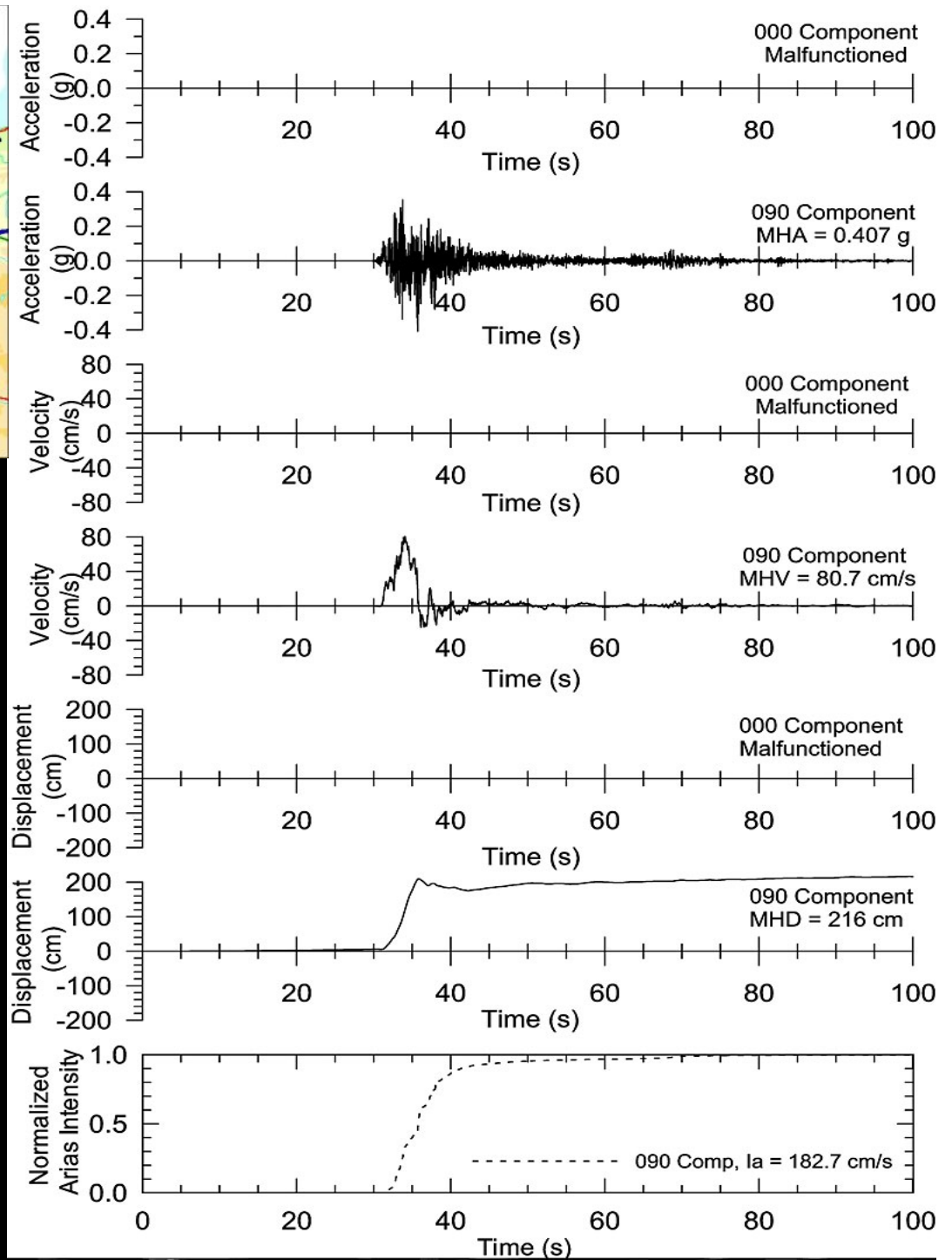
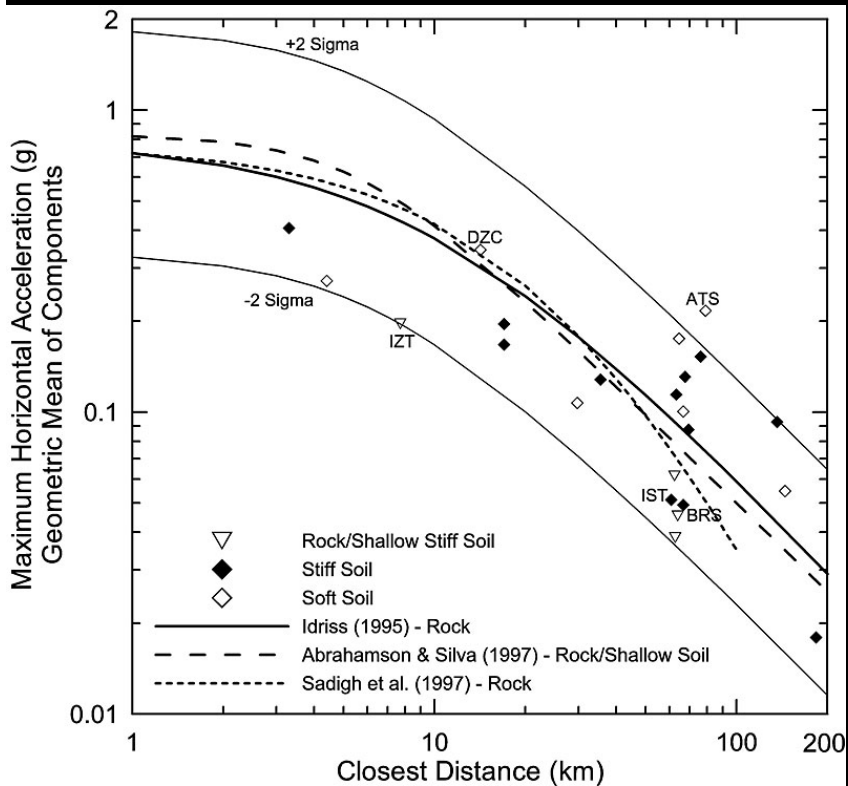
<http://nisee.berkeley.edu/turkey/report.html>

http://www.koeri.boun.edu.tr/depremmuh/eqspecials/kocaeli/kocaeli_eq.htm

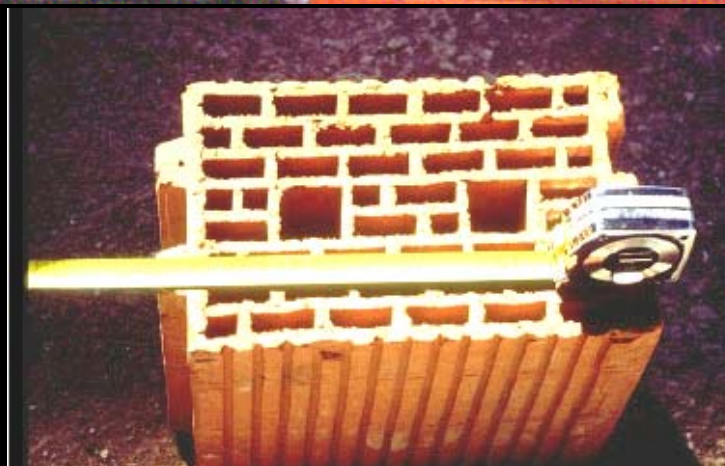
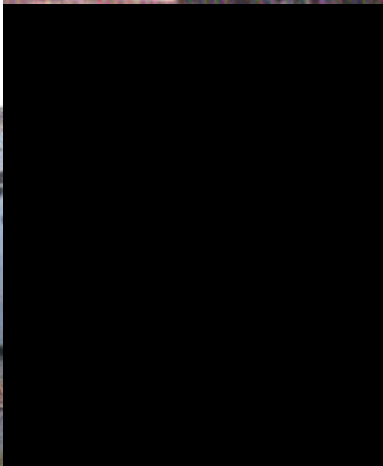




Aceleraciones















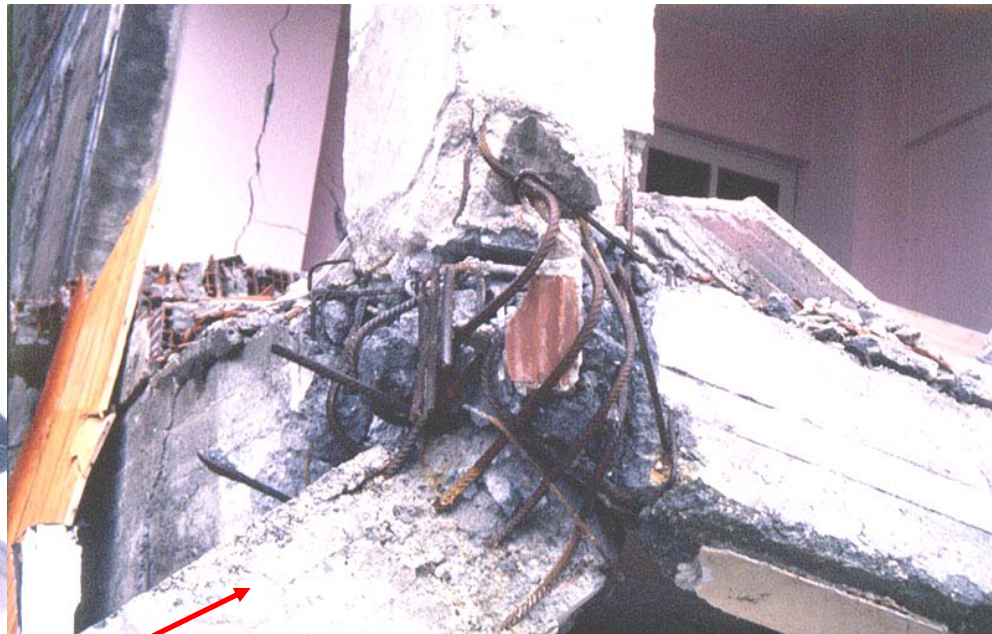








Albañilería Laminar. Se desprendió la albañilería y quedó el núcleo de concreto.





Falla vertical
en una columna

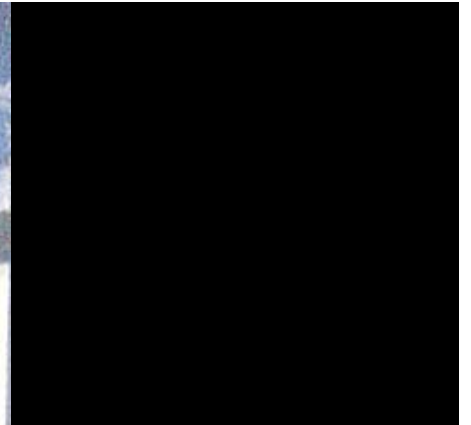






Prefabricado





Prefabricado



Albañilería No Reforzada





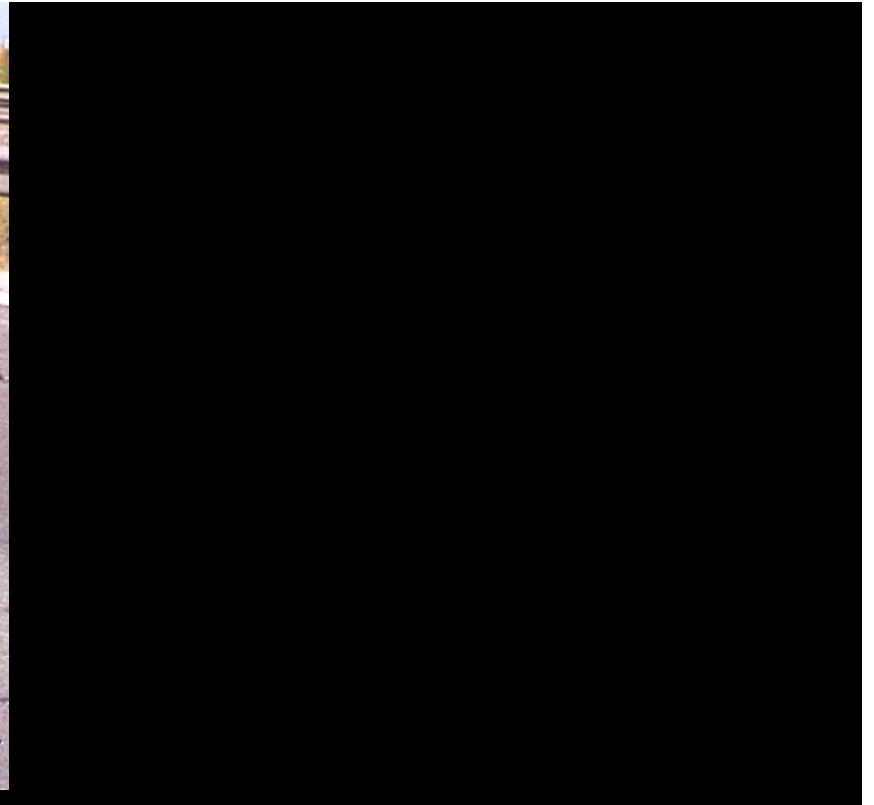
Madera 3 pisos















Amortiguador





Estructura Metálica





Casa sobre una falla



Edificios sobre una falla





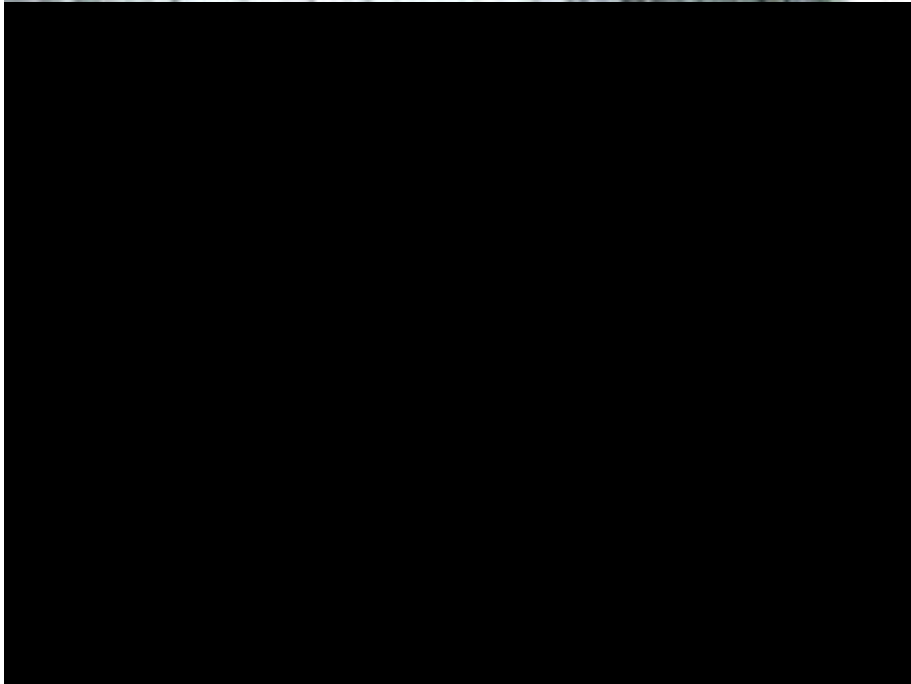
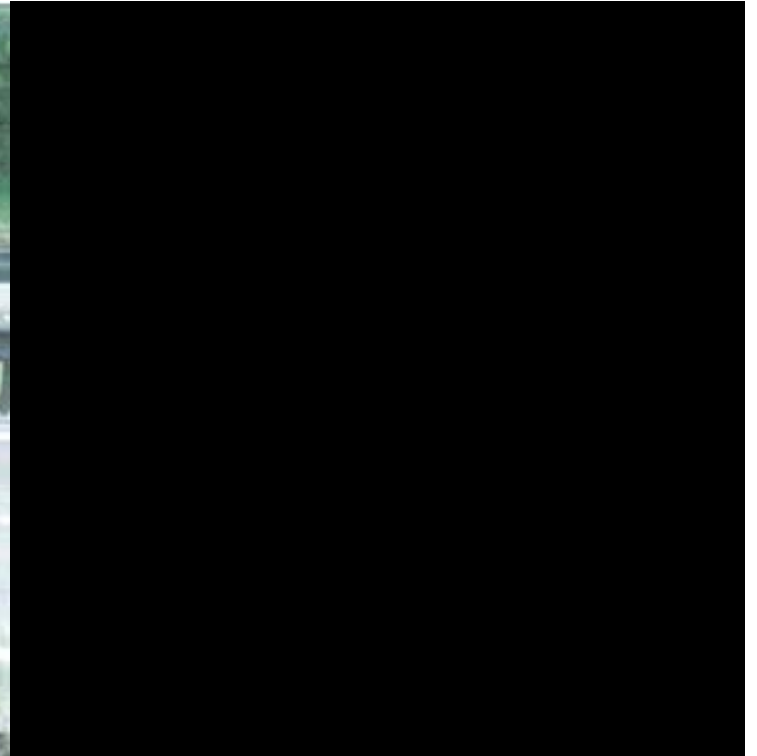


Falla Tectónica









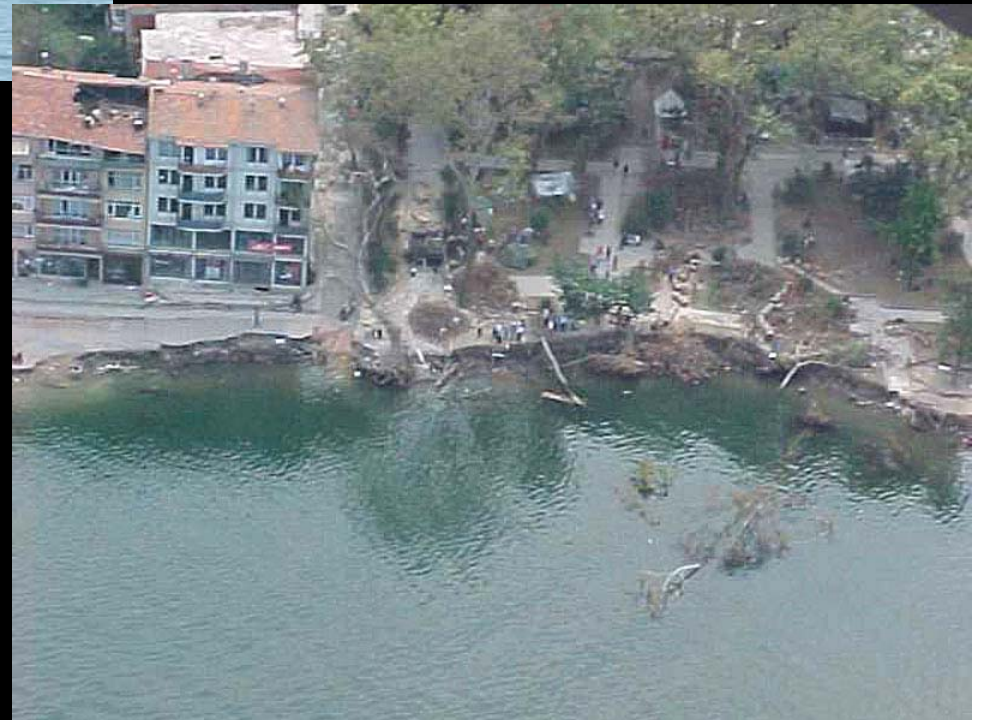


Tsunami





Tsunami





Tsunami









Licuación







Deslizamiento



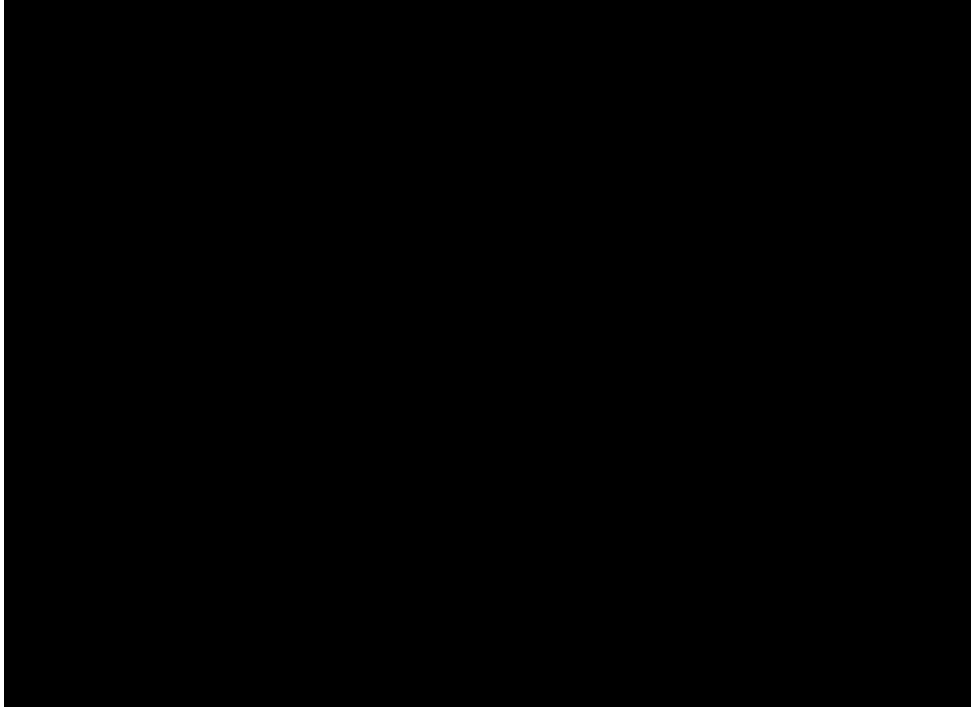
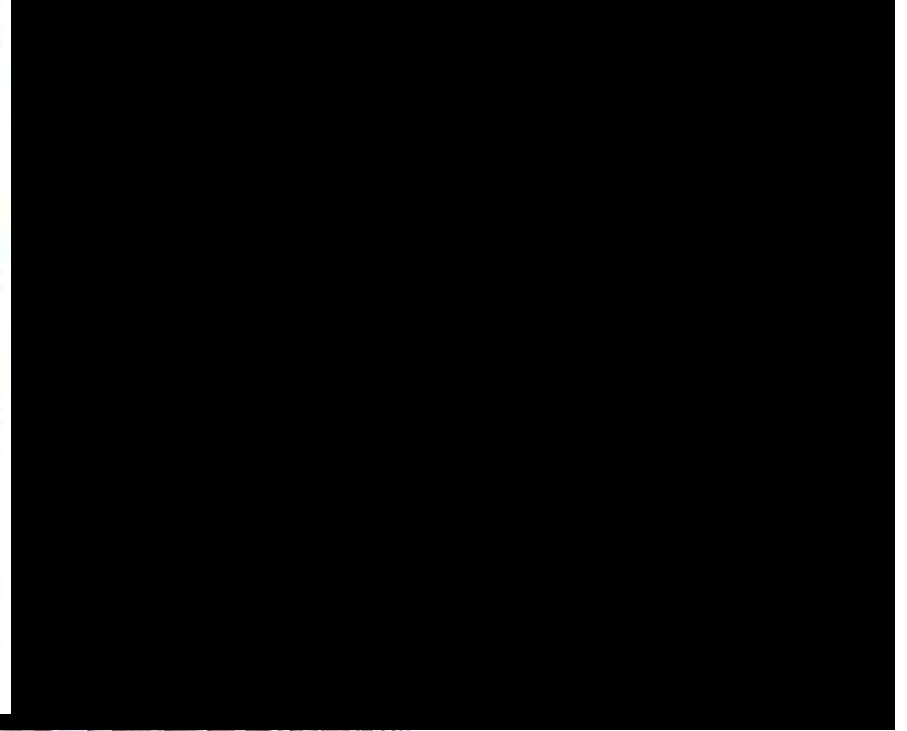


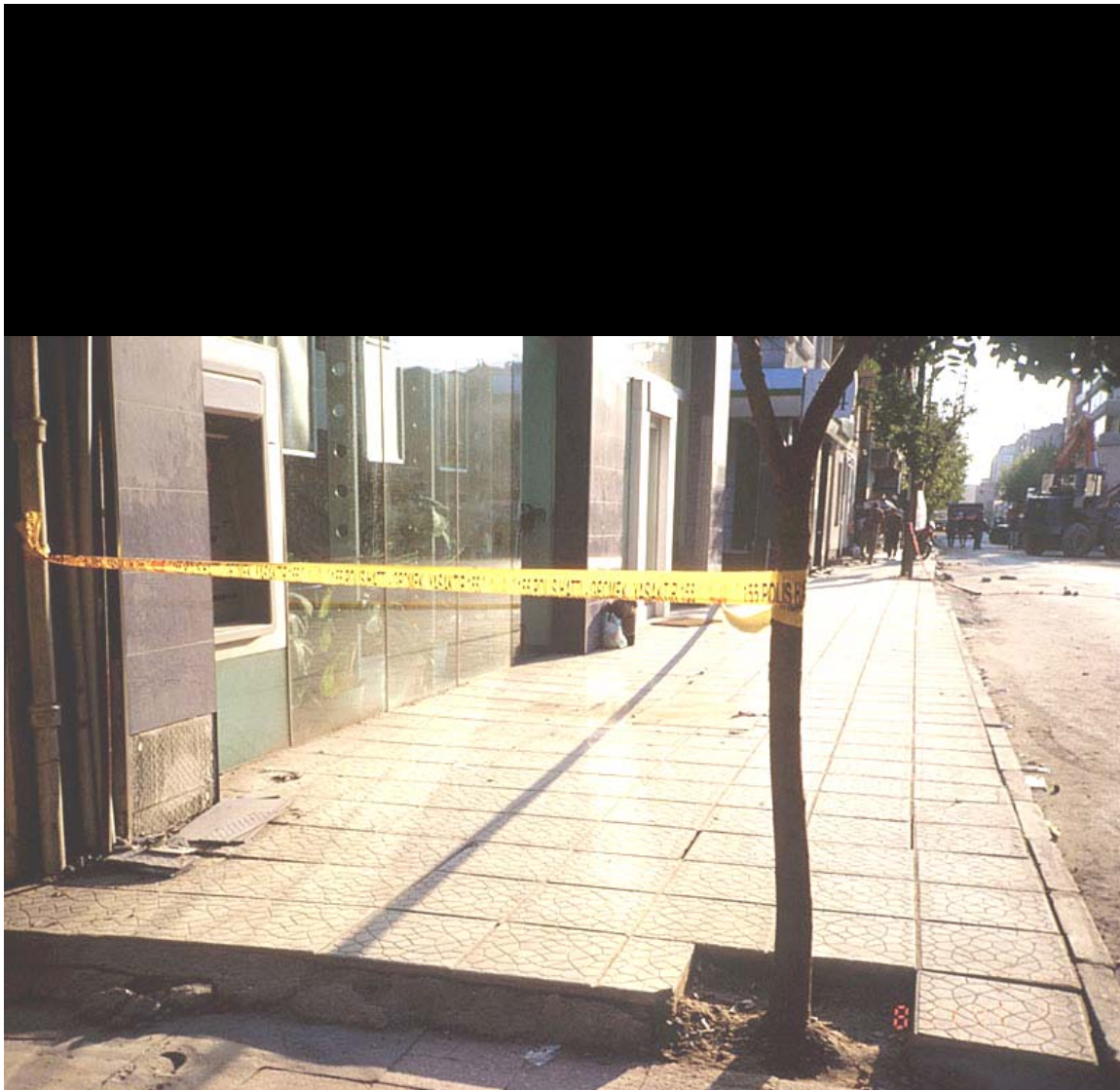


**Asentamiento
por
licuación**

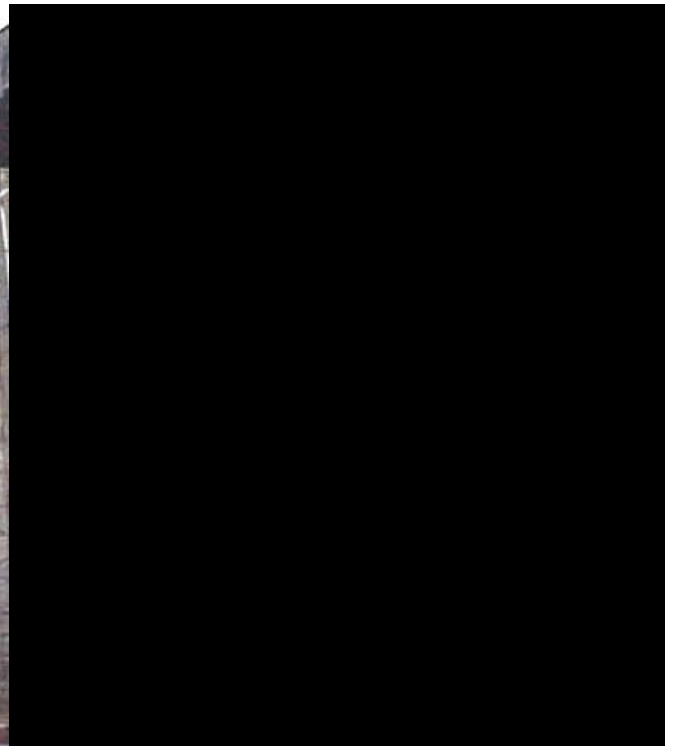








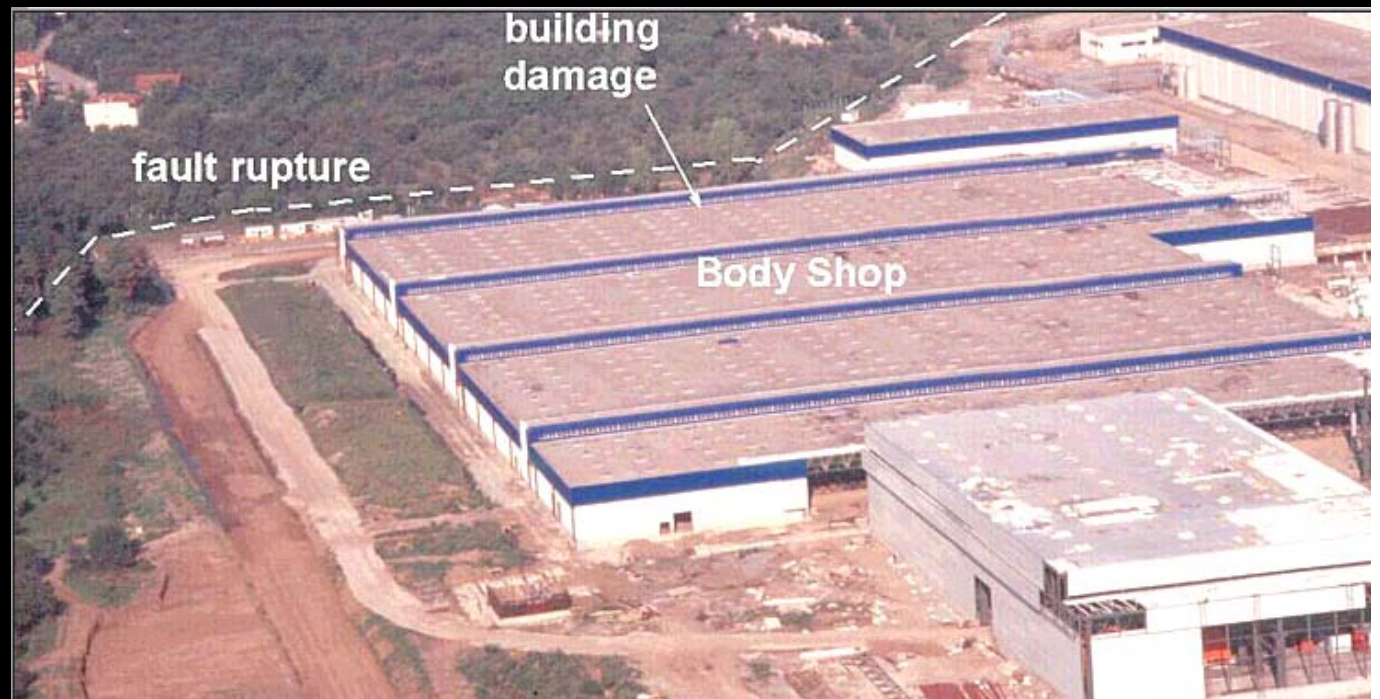
Edificio de 2 pisos con pilotes y de 3 pisos con solado



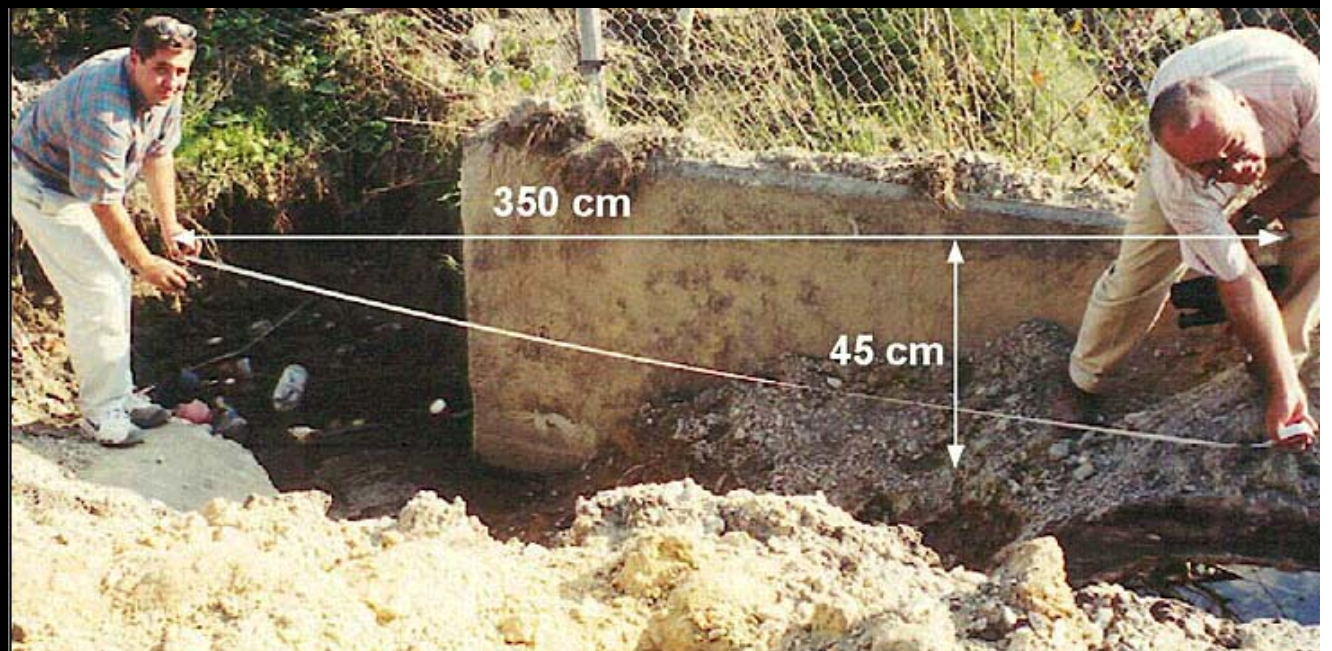
**Cimentación
del
edificio
volcado**

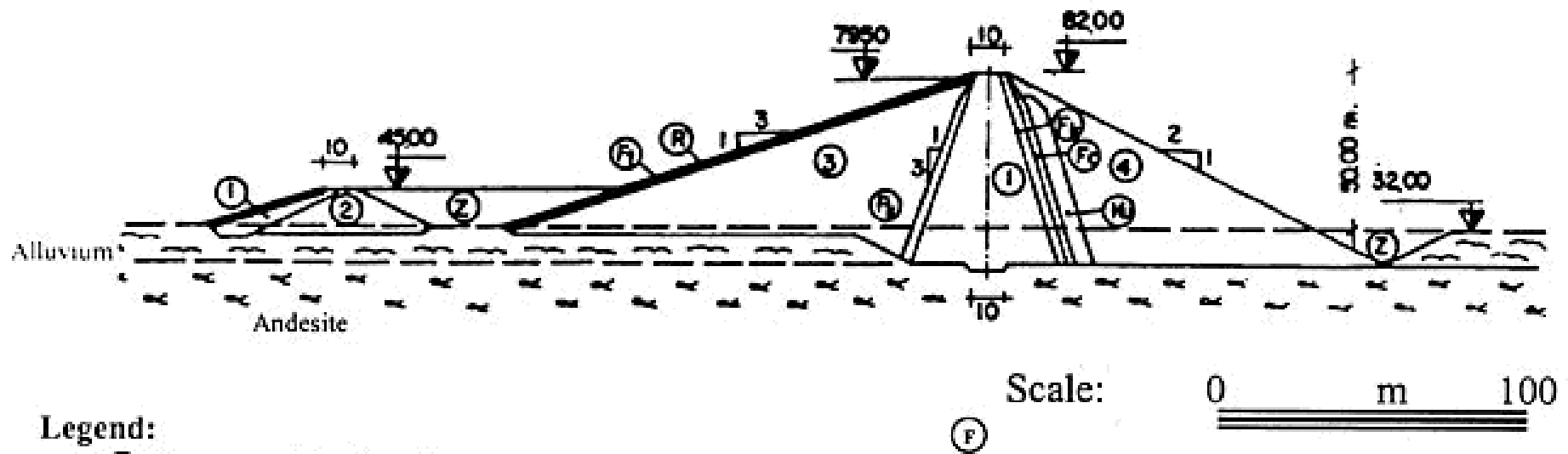










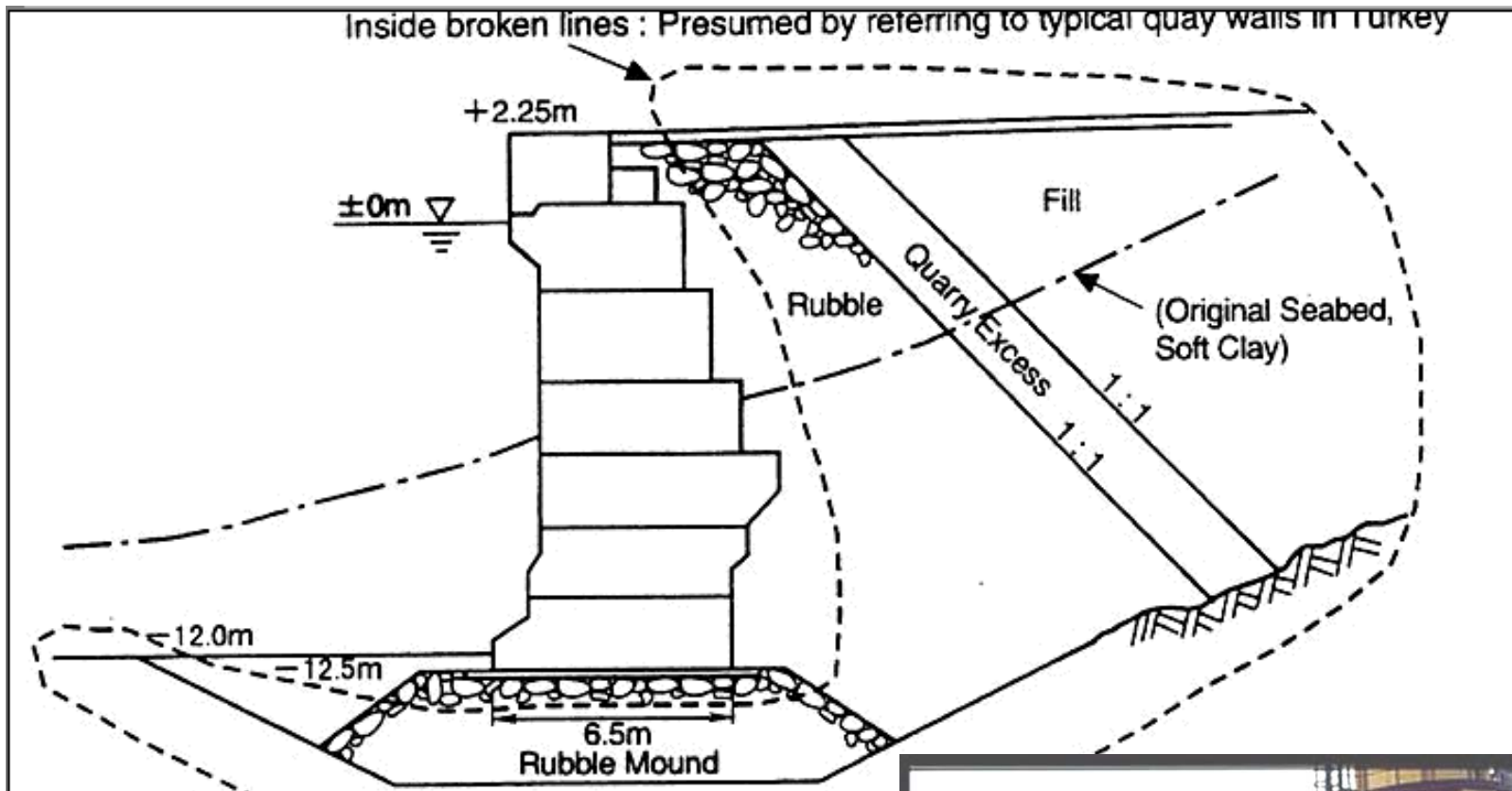


Legend:

- ① Impermeable Clay Core
- ② Semipermeable Fill
- ③ Permeable Fill
- ④ Rockfill
- Filter (sand)
- ⓕ Filter (gravel)
- ⓕ Filter
- ⓓ Riprap
- ⓓ Fill (irregular)

Presa de Tierra





Puertos















**Tanque
metálico
incendiado**



