

Montažne konstrukcije

SPOJEVI

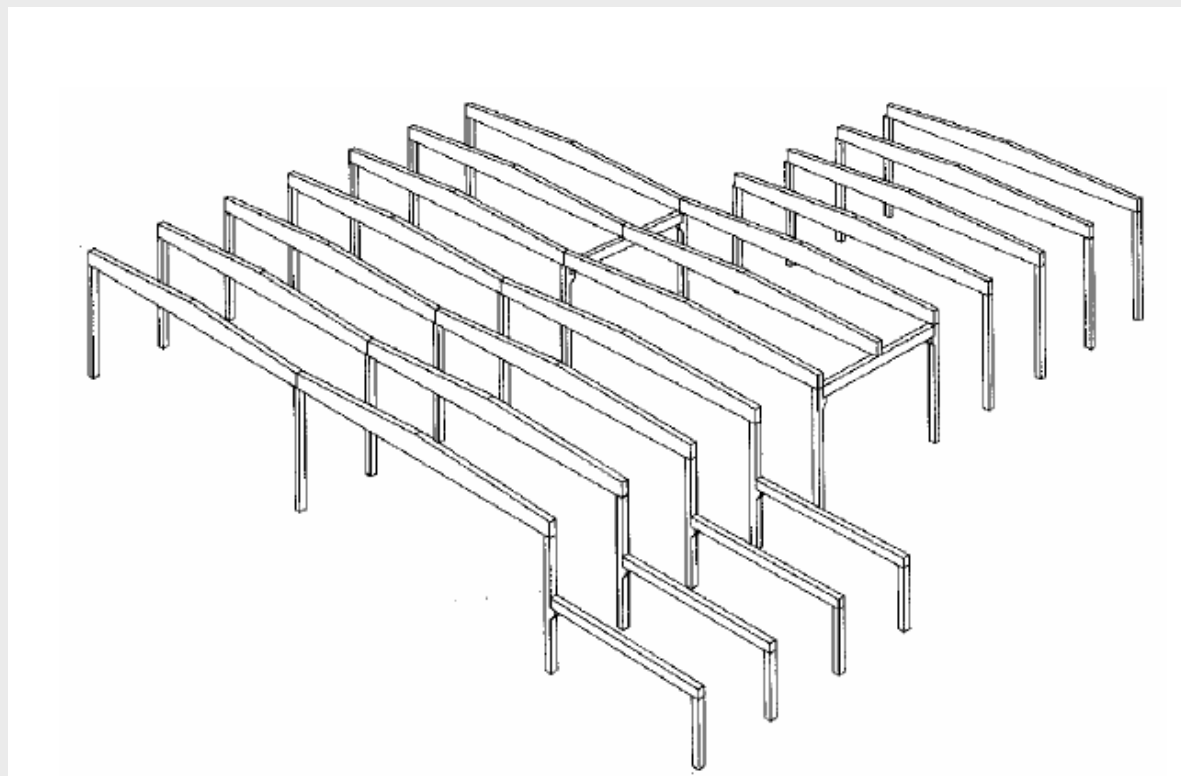
Stabilnost montažnih konstrukcija

- Stabilnost montažnih kon. ograničena spojevima



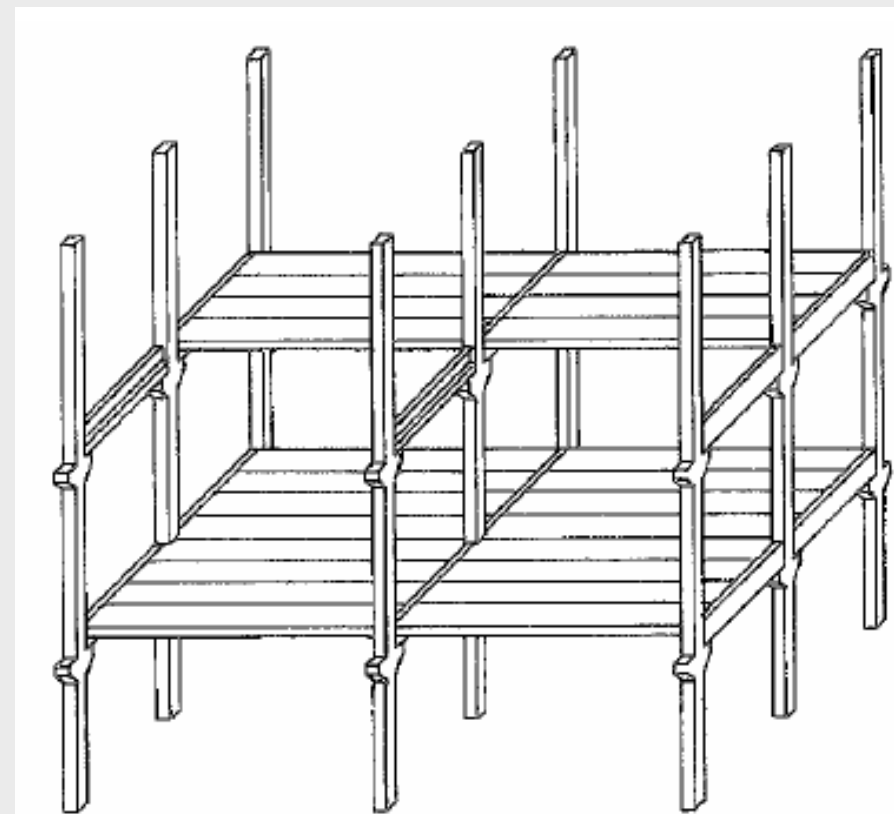
Stabilnost montažnih konstrukcija

- ▶ Stabilnost montažne konstrukcije ostvaruje se:
 - ▶ Povezivanjem samostalnih elemenata u cjelinu na razini
 - ▶ Štapnih sustava



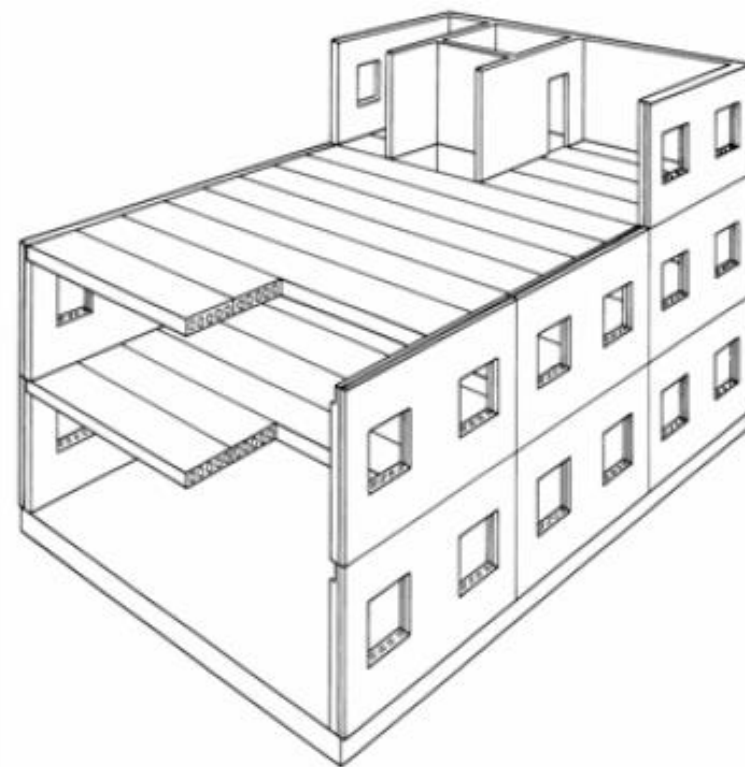
Stabilnost montažnih konstrukcija

- ▶ Stabilnost montažne konstrukcije ostvaruje se:
 - ▶ Povezivanjem samostalnih elemenata u cjelinu na razini
 - ▶ Štapnih sustava
 - ▶ Ravnina



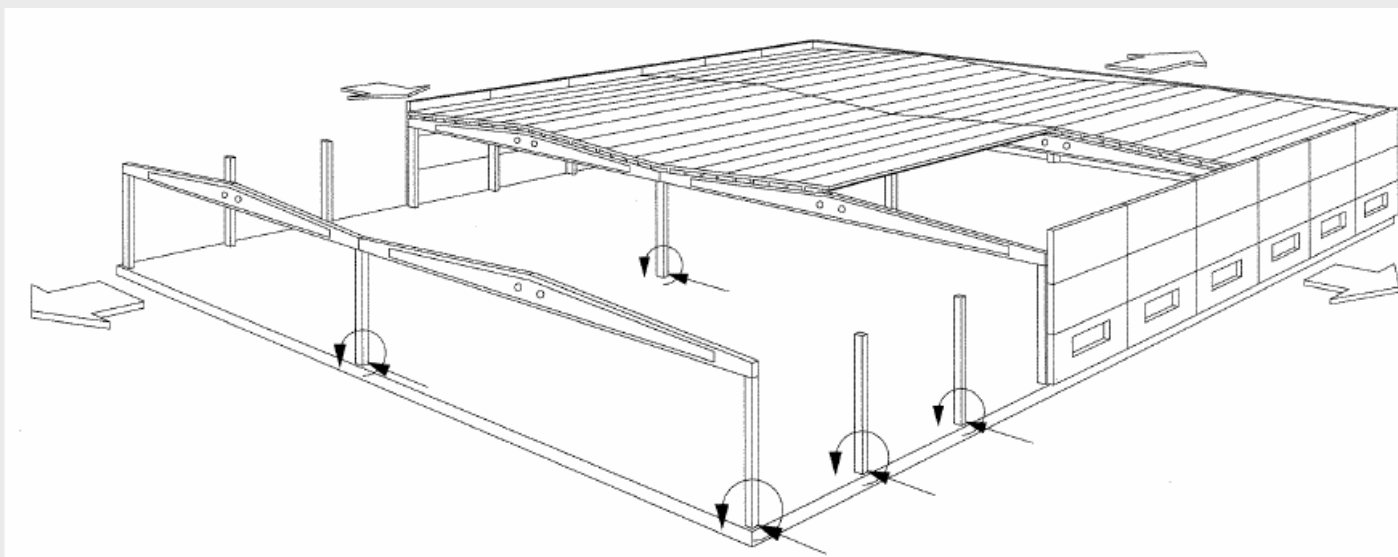
Stabilnost montažnih konstrukcija

- ▶ Stabilnost montažne konstrukcije ostvaruje se:
 - ▶ Povezivanjem samostalnih elemenata u cjelinu na razini
 - ▶ Štapnih sustava
 - ▶ Ravnina
 - ▶ Prostornih cjelina
- ▶ Vrstu vezova i potrebu za ostvivanjem veza definira koncepcija građevine!



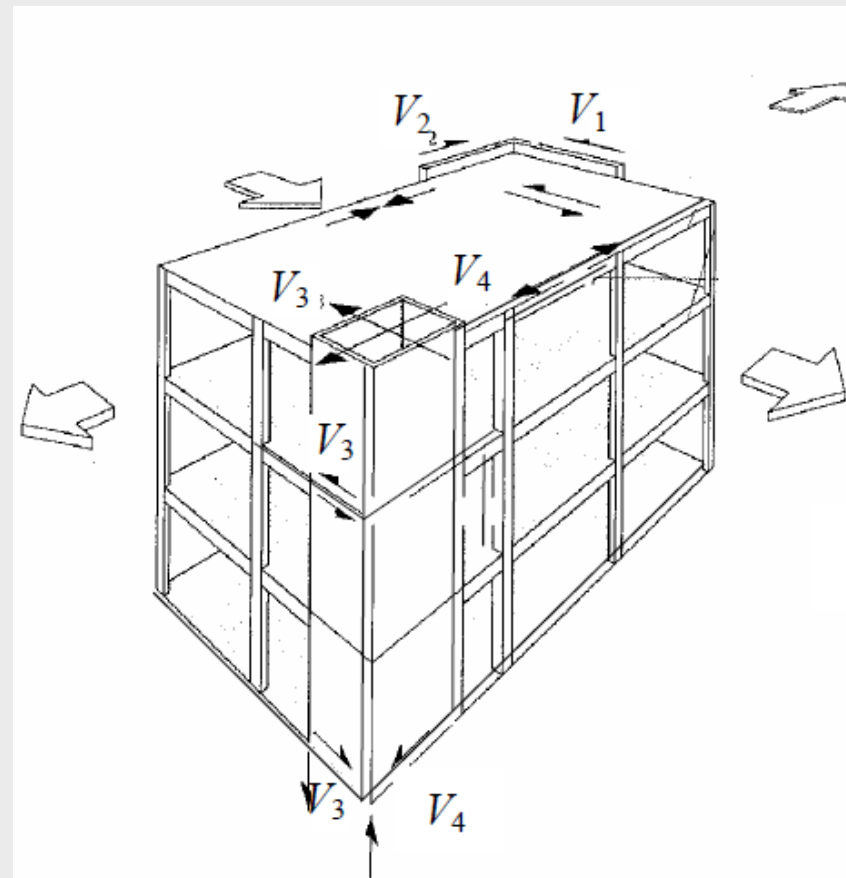
Stabilnost montažnih konstrukcija

- ▶ Funkciju stabiliziranja na horizontalna djelovanja mogu obavljati
 - ▶ Stupovi
 - ▶ Stupovi samostalno uz uvjet primjerenog povezivanja s tlom
 - ▶ Ili u kombinaciji sa zidovima



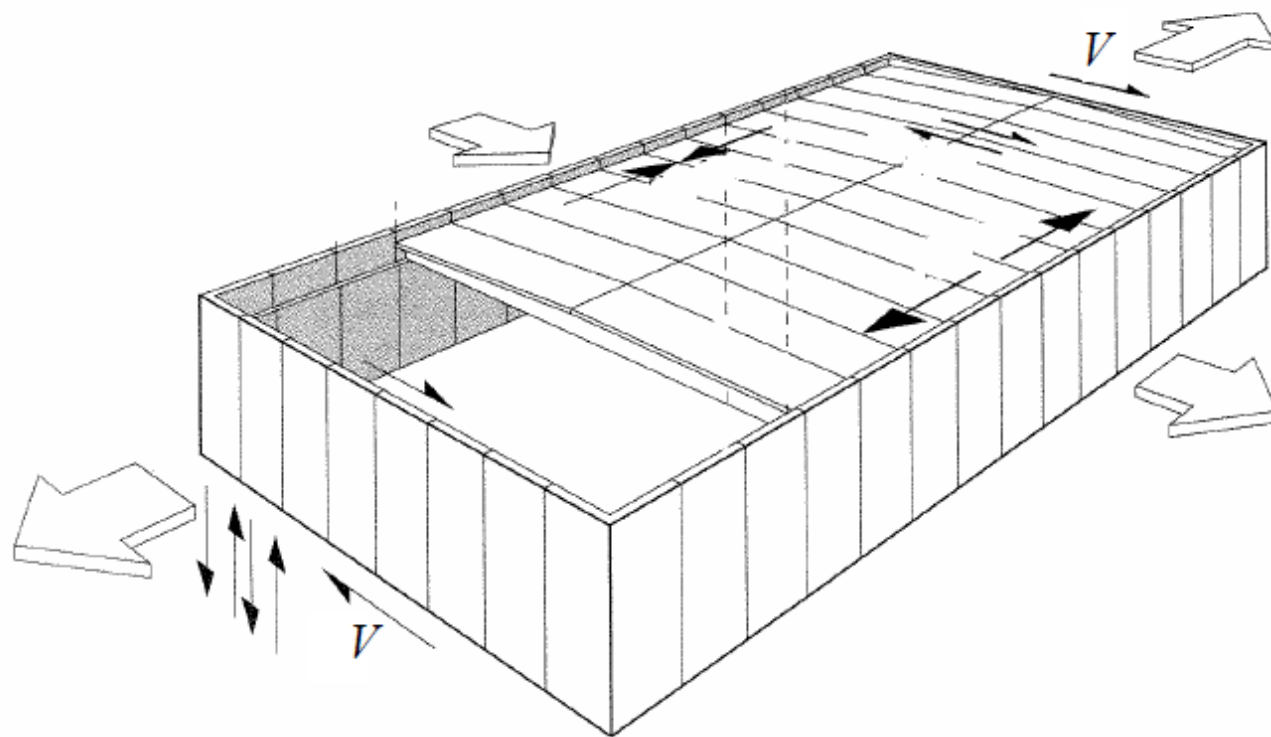
Stabilnost montažnih konstrukcija

- ▶ Funkciju stabiliziranja na horizontalna djelovanja mogu imati
 - ▶ Stupovi
 - ▶ Jezgra
 - ▶ Monolitna
 - ▶ Montažna



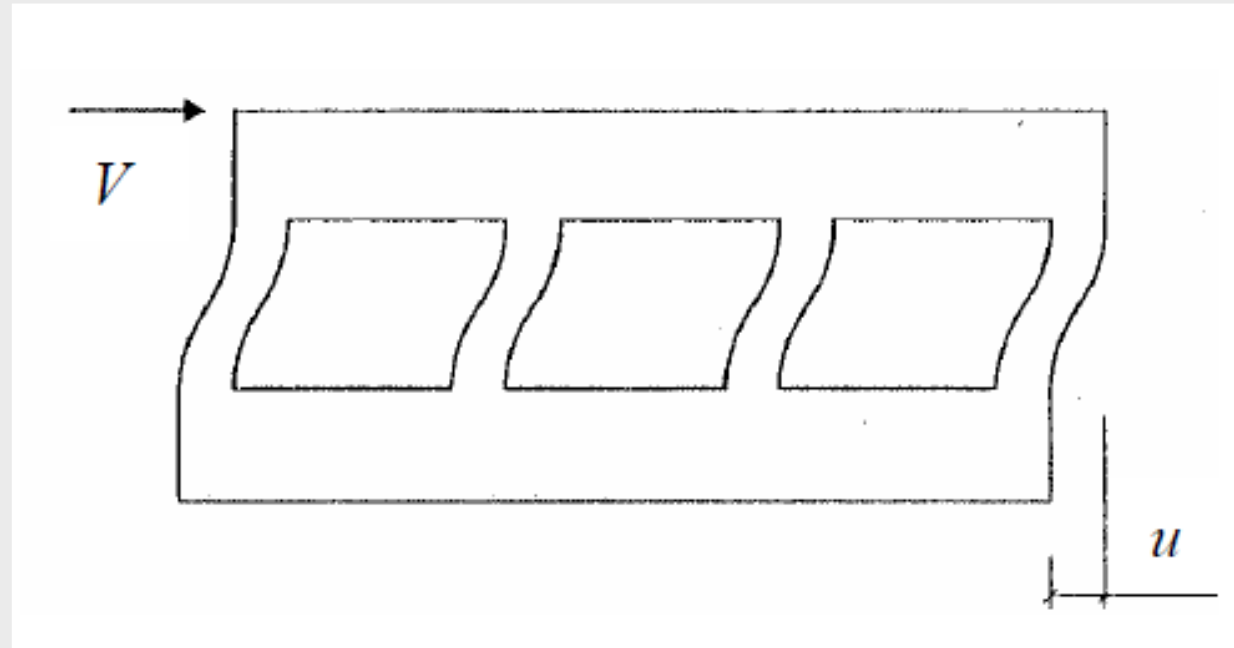
Stabilnost montažnih konstrukcija

- ▶ Funkciju stabiliziranja na horizontalna djelovanja mogu imati
 - ▶ Stupovi
 - ▶ Jezgra
 - ▶ Montažni zidovi / stropovi



Stabilnost montažnih konstrukcija

- ▶ Funkciju stabiliziranja na horizontalna djelovanja mogu imati
 - ▶ Stupovi
 - ▶ Jezgra
 - ▶ Montažni zidovi / stropovi
 - ▶ “Krut” okviri



Stabilnost montažnih konstrukcija

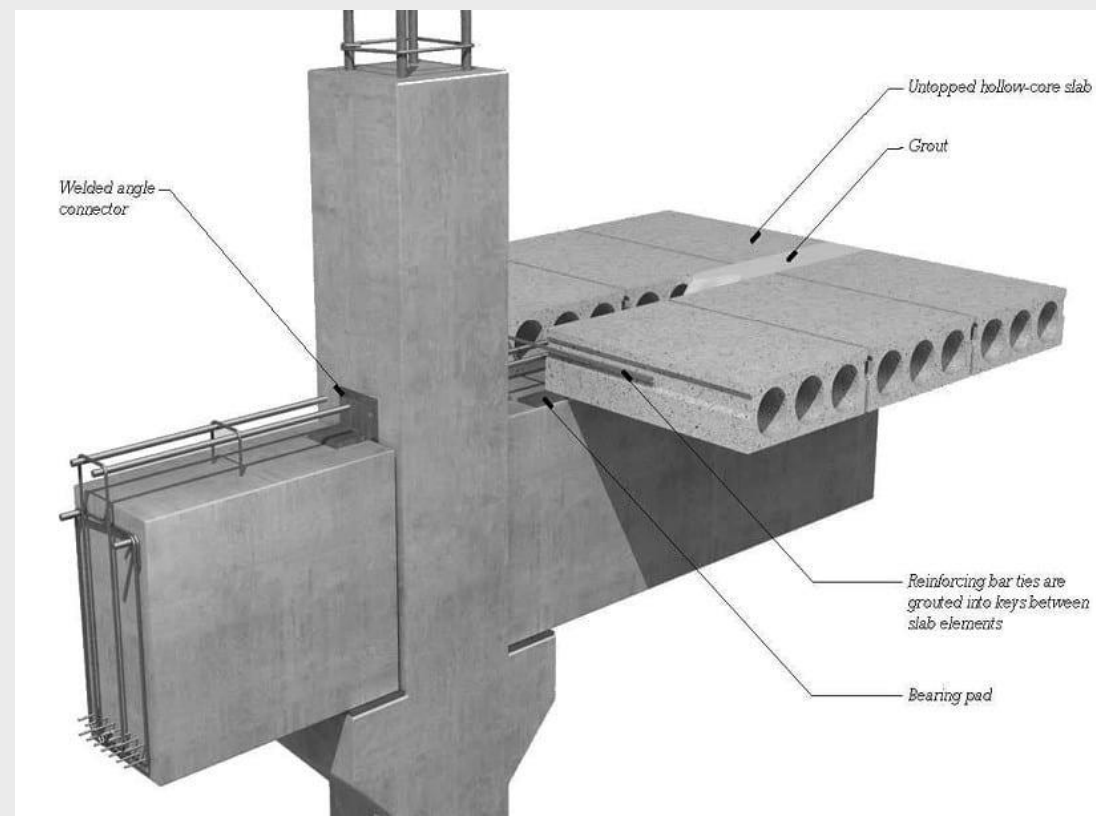
- ▶ Spajanje elemenata može se postići:
 - ▶ Monolitizacijom
 - ▶ Varenjem
 - ▶ Vijčanim spojevima

- ▶ VAŽNO!
 - ▶ Montažna konstrukcija **NE MOŽE / NE TREBA** imitirati ponašanje monolitne
 - ▶ Određene pomake potrebno dozvoliti!

Stabilnost montažnih konstrukcija

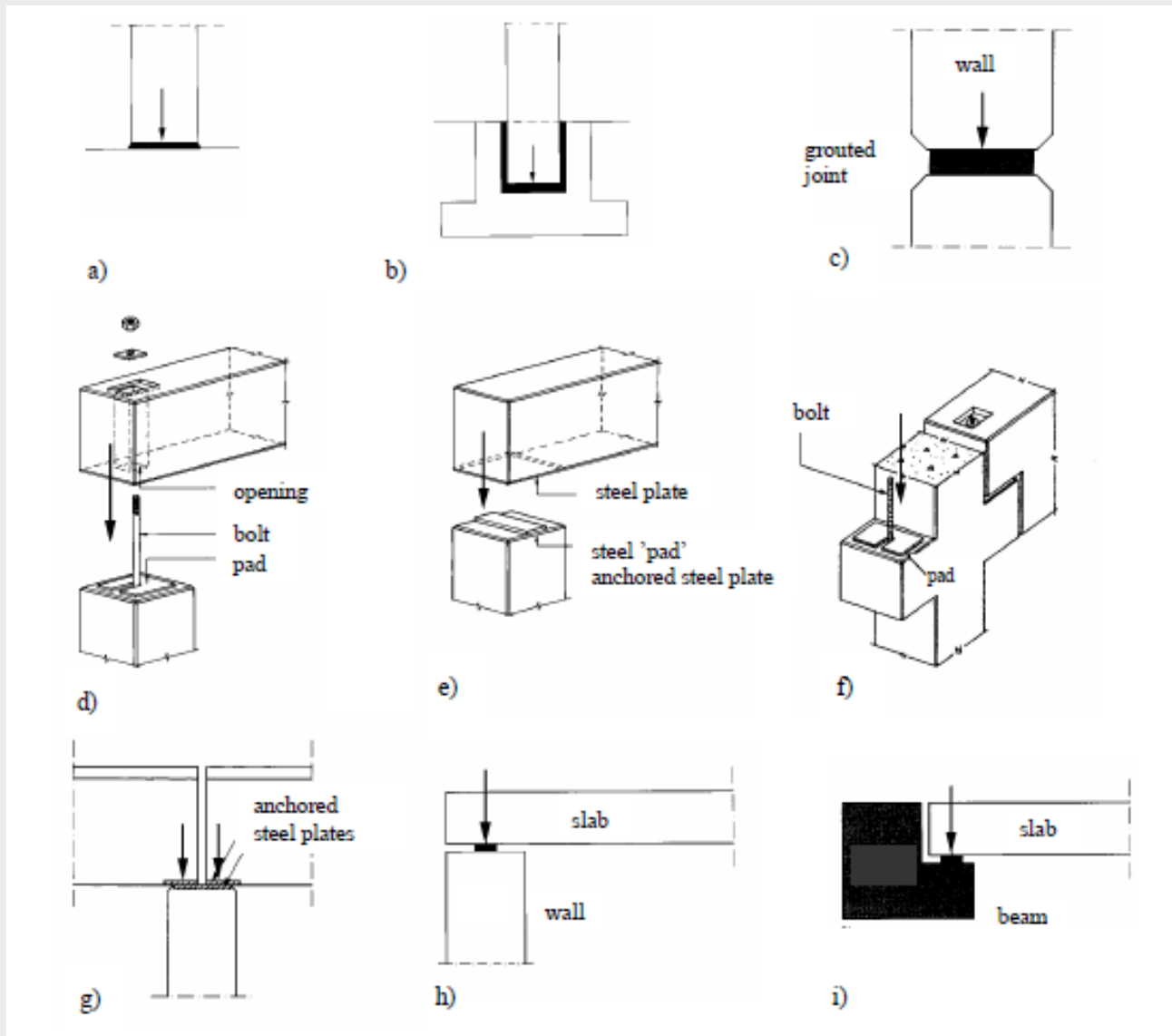
- ▶ Sigurnost montažne konstrukcije ostvaruje se:
 - ▶ Povezivanjem samostalnih elemenata u cjelinu
 - ▶ A povezivanje se ostvaruje spojevima među

- ▶ temelj – stup
- ▶ stup - stup
- ▶ stup - greda
- ▶ greda – greda
- ▶ greda - ploča



Stabilnost montažnih konstrukcija

- Osnovni tipovi spojeva su:
 - Tlačni

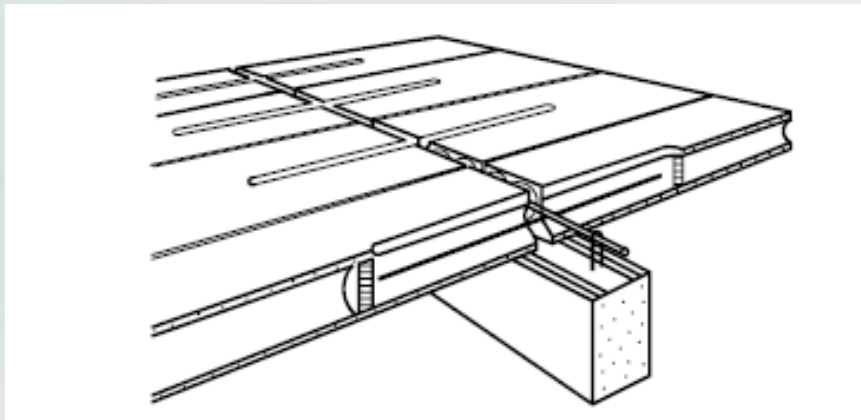
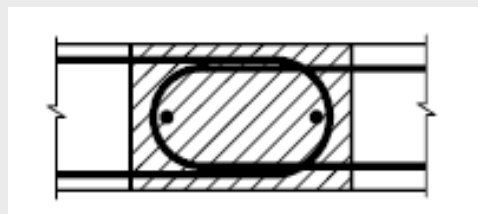
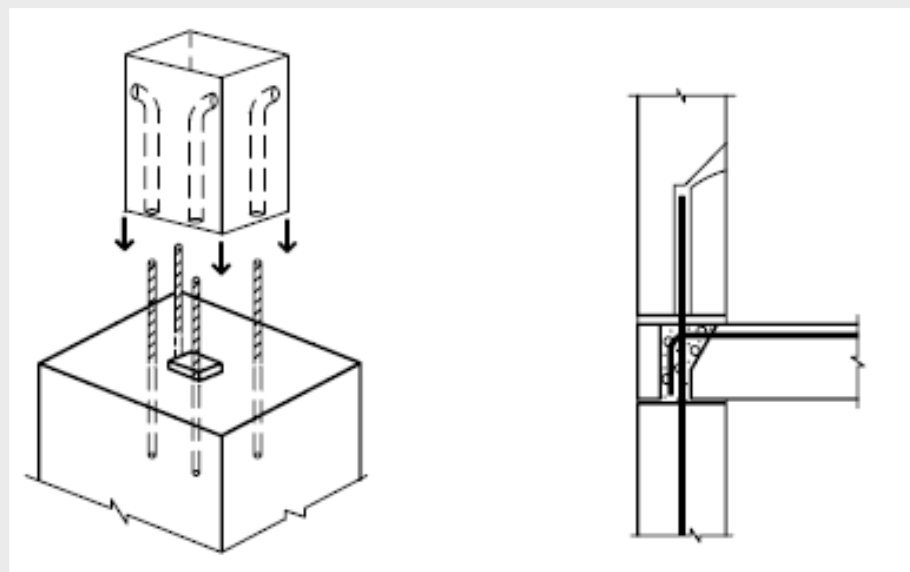


Stabilnost montažnih konstrukcija

► Osnovni tipovi spojeva su:

► Tlačni

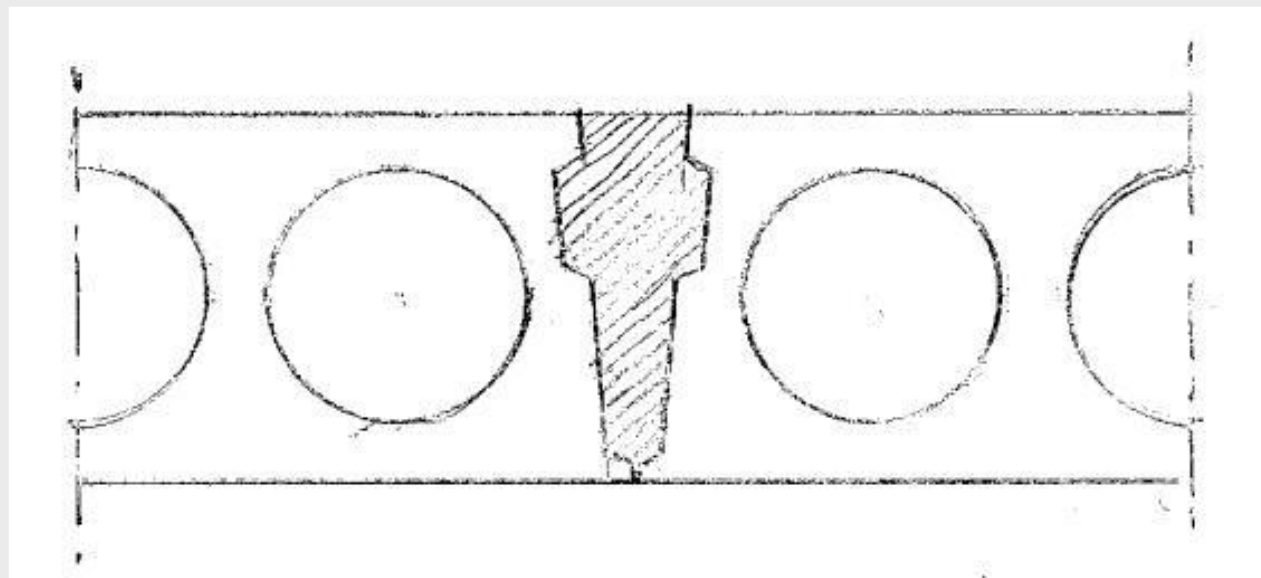
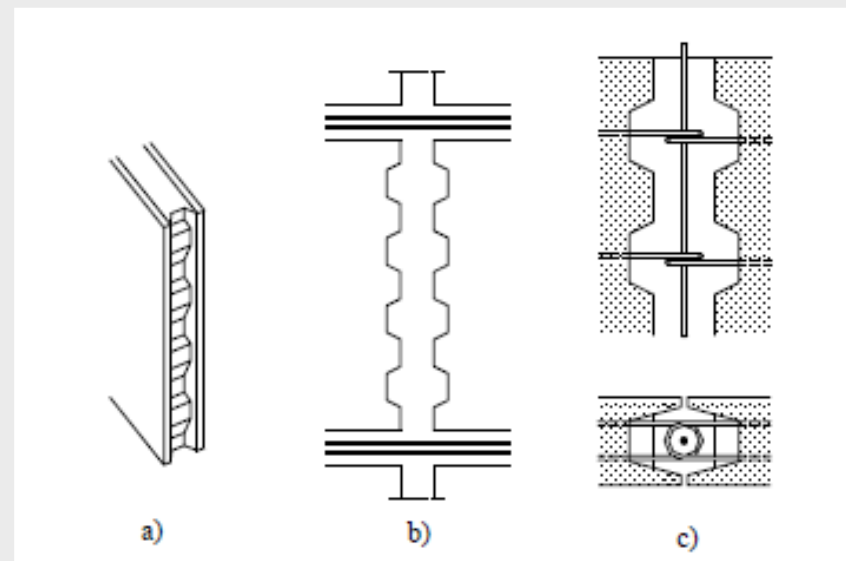
► Vlačni



Stabilnost montažnih konstrukcija

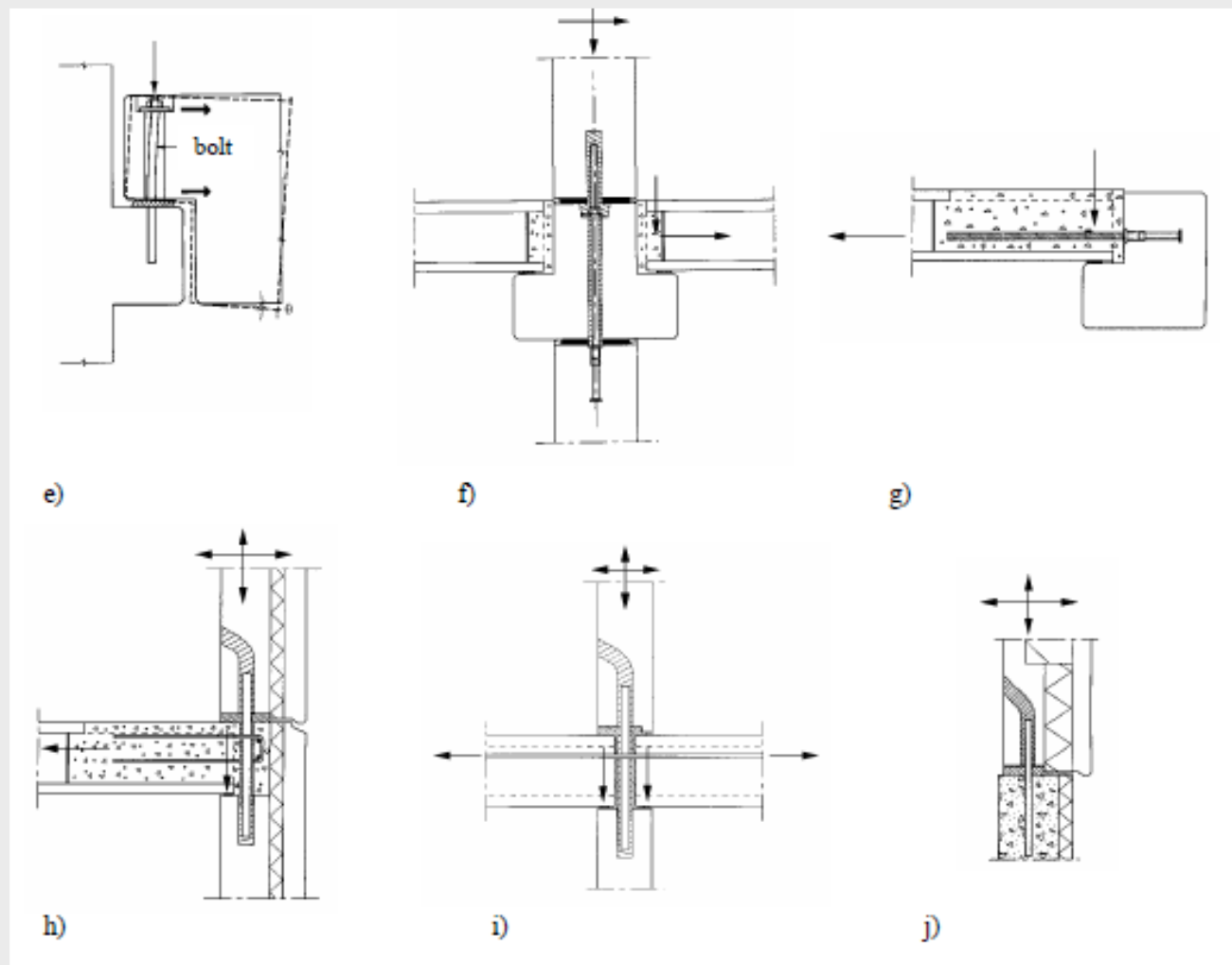
► Osnovni tipovi spojeva su:

- Tlačni
- Vlačni
- Posmični



Stabilnost montažnih konstrukcija

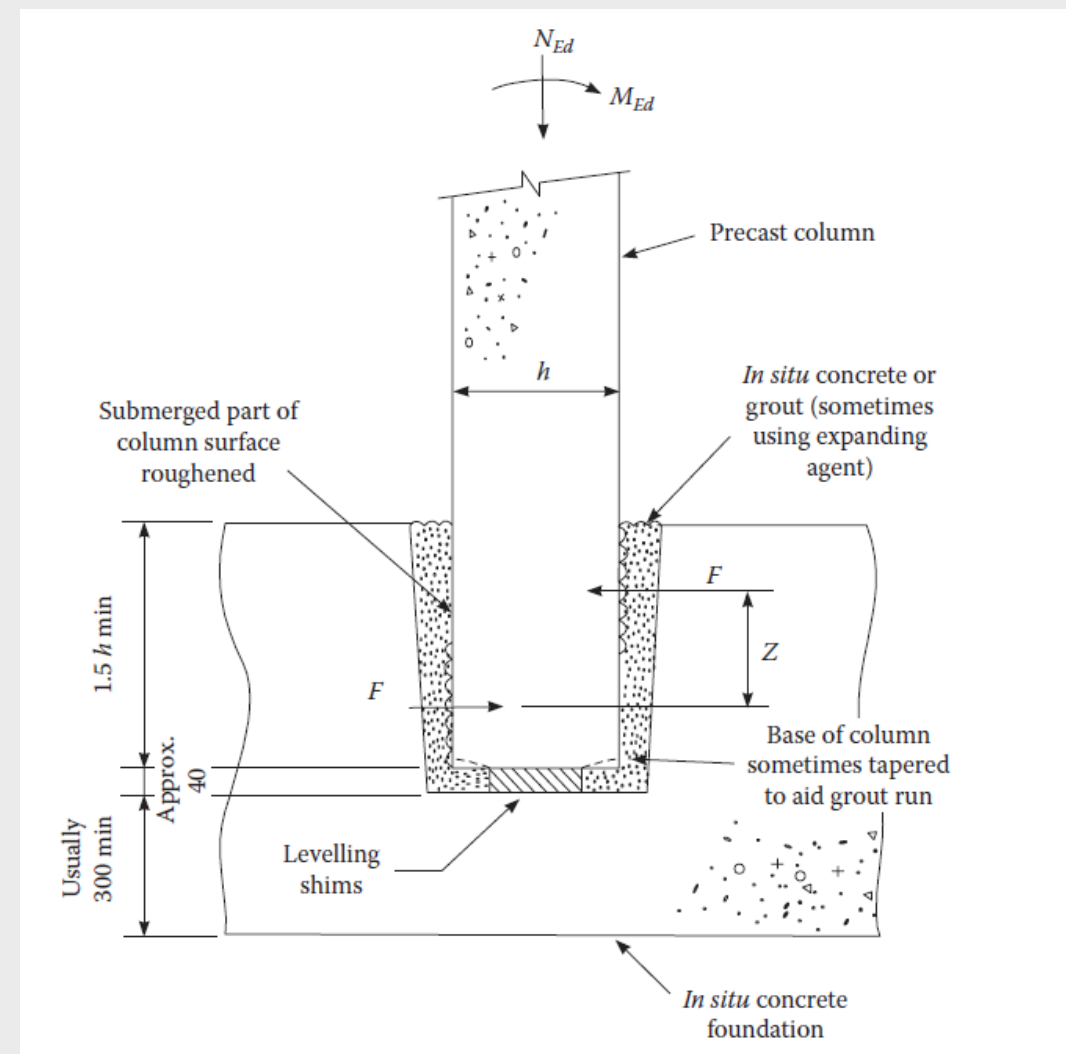
- Osnovni tipovi spojeva su:
 - Kombinirani tip spojeva



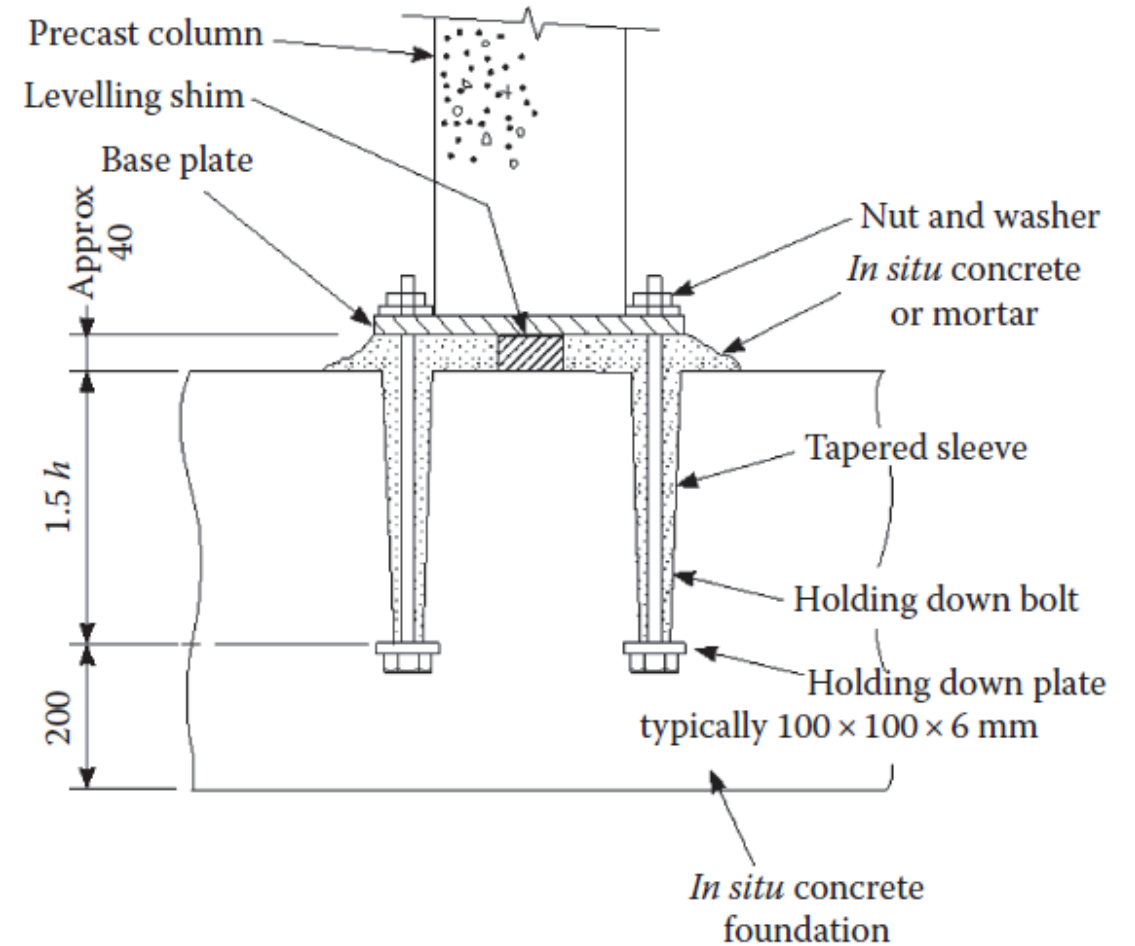
Spojevi



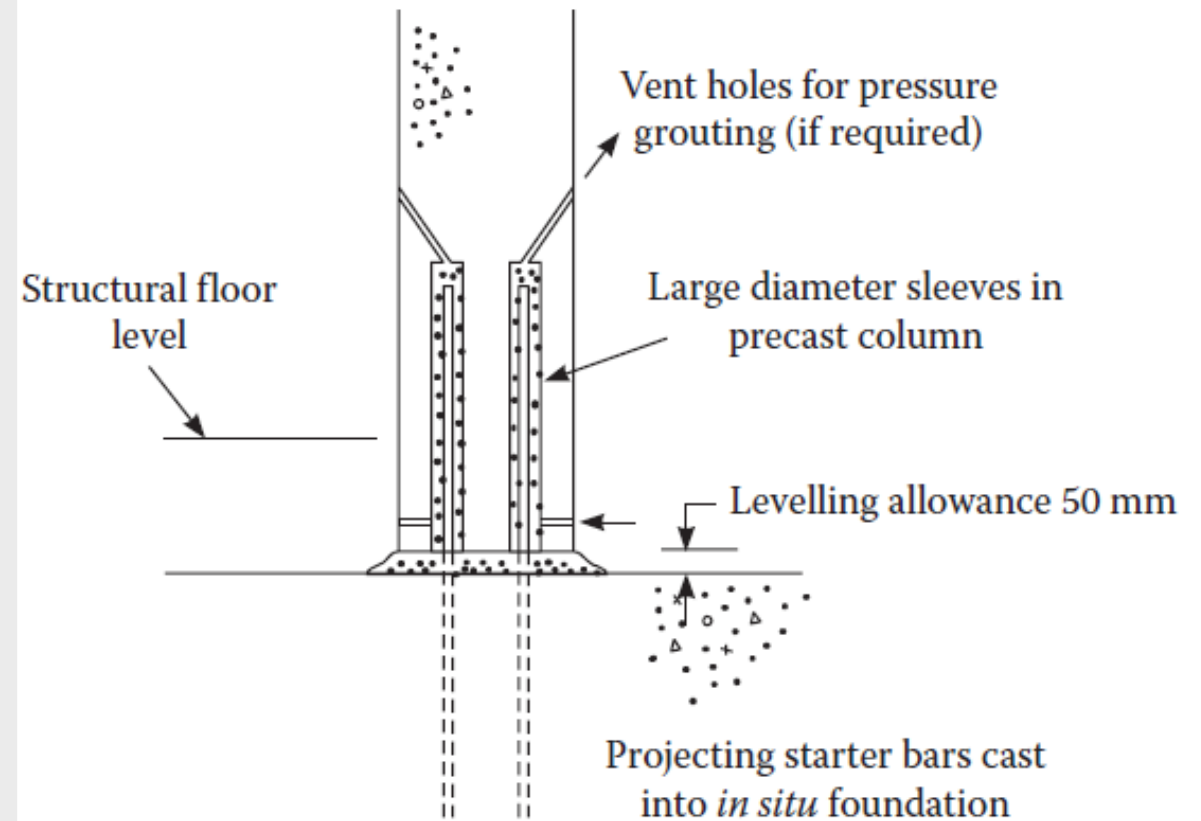
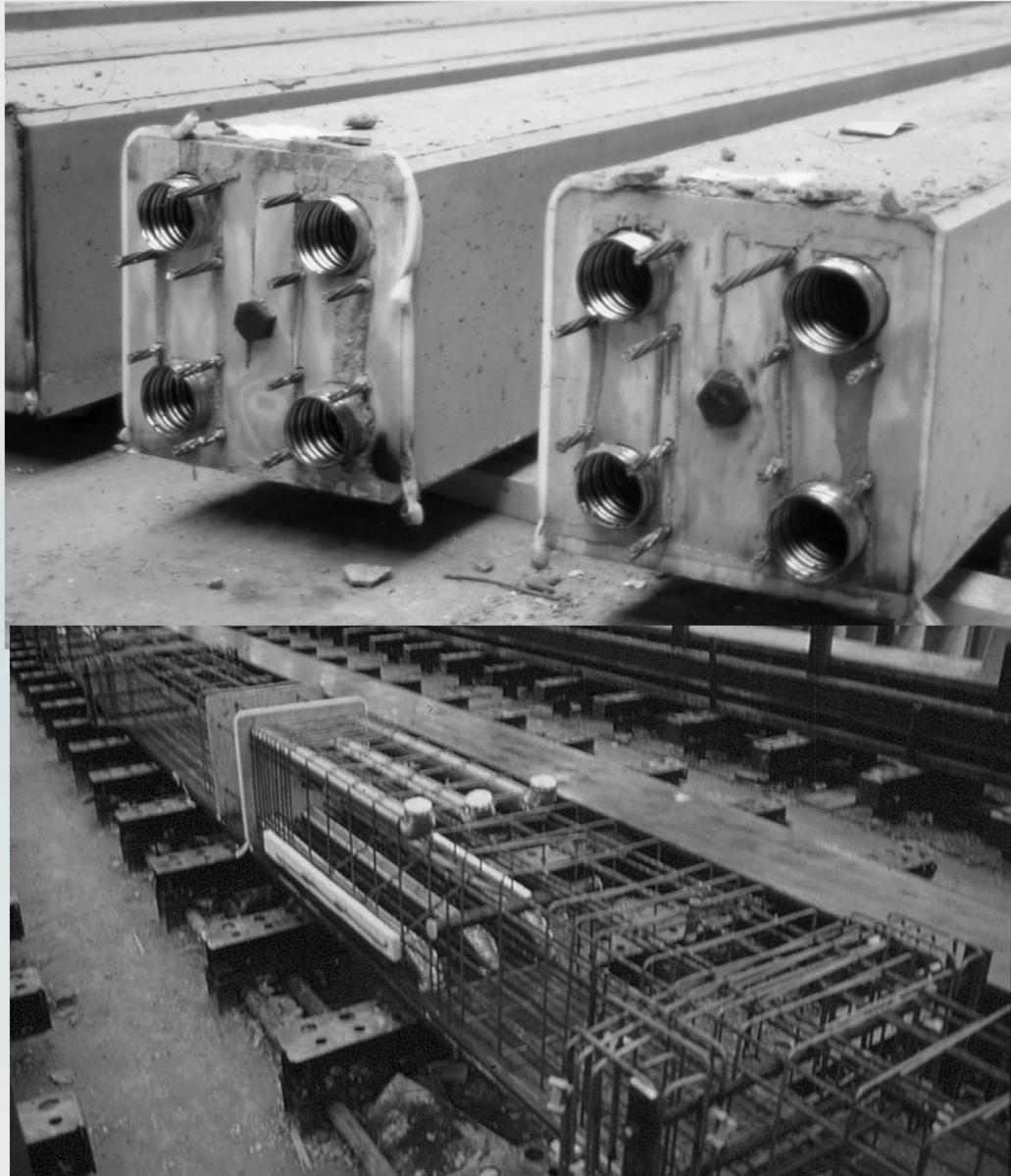
Spoj temelja i stupa



Spoj temelja i stupa

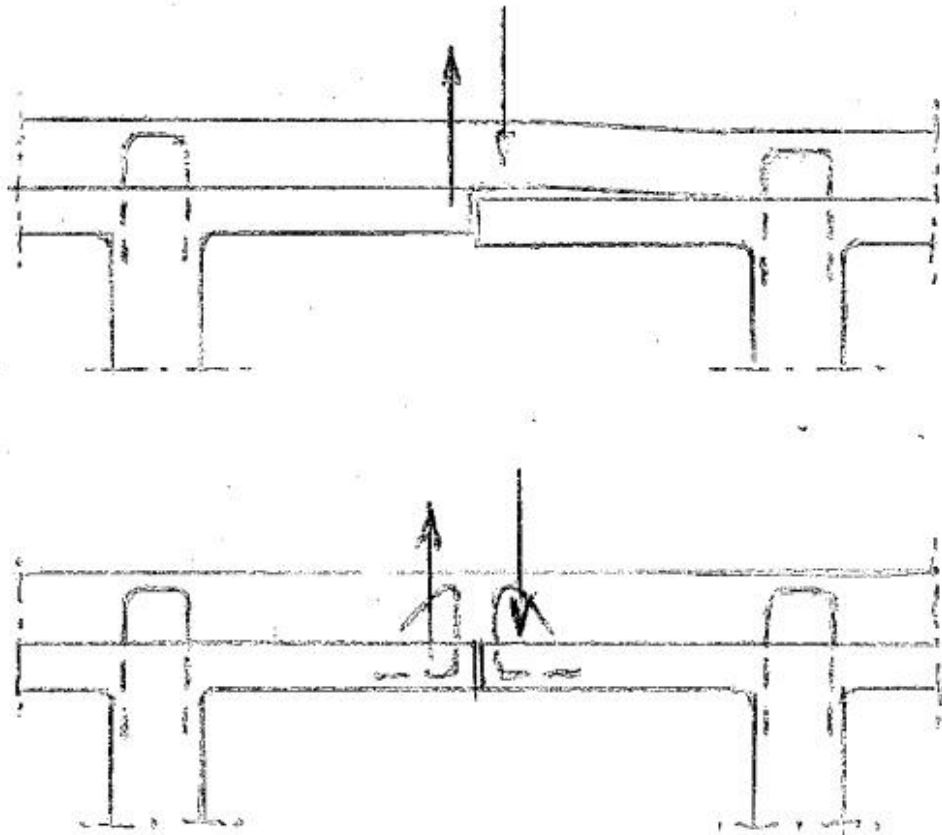


Spoj temelja i stupa



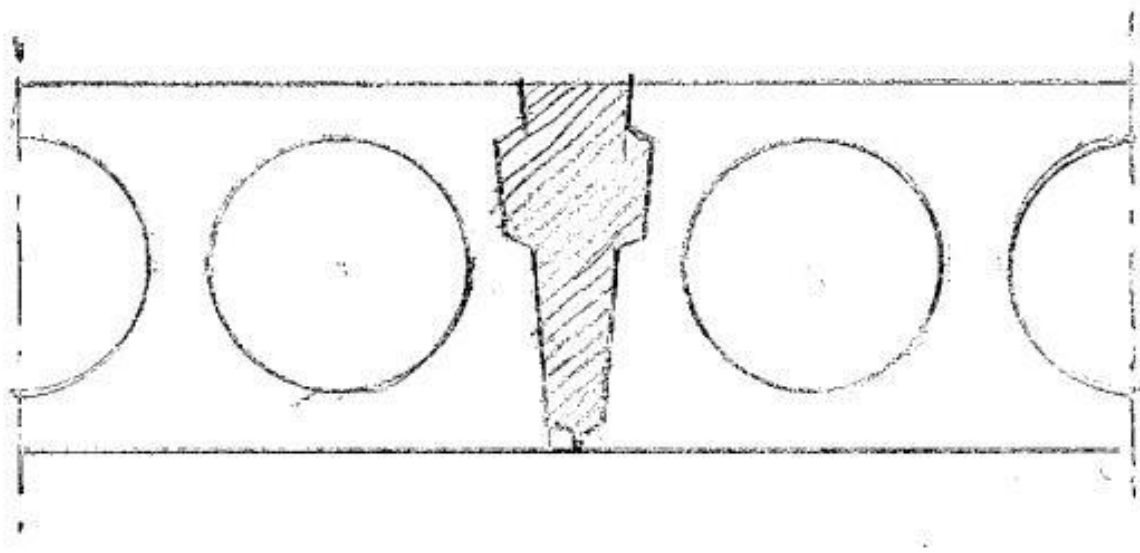
Spojevi ploča

- Kontinuiranost ploče – TT ploče



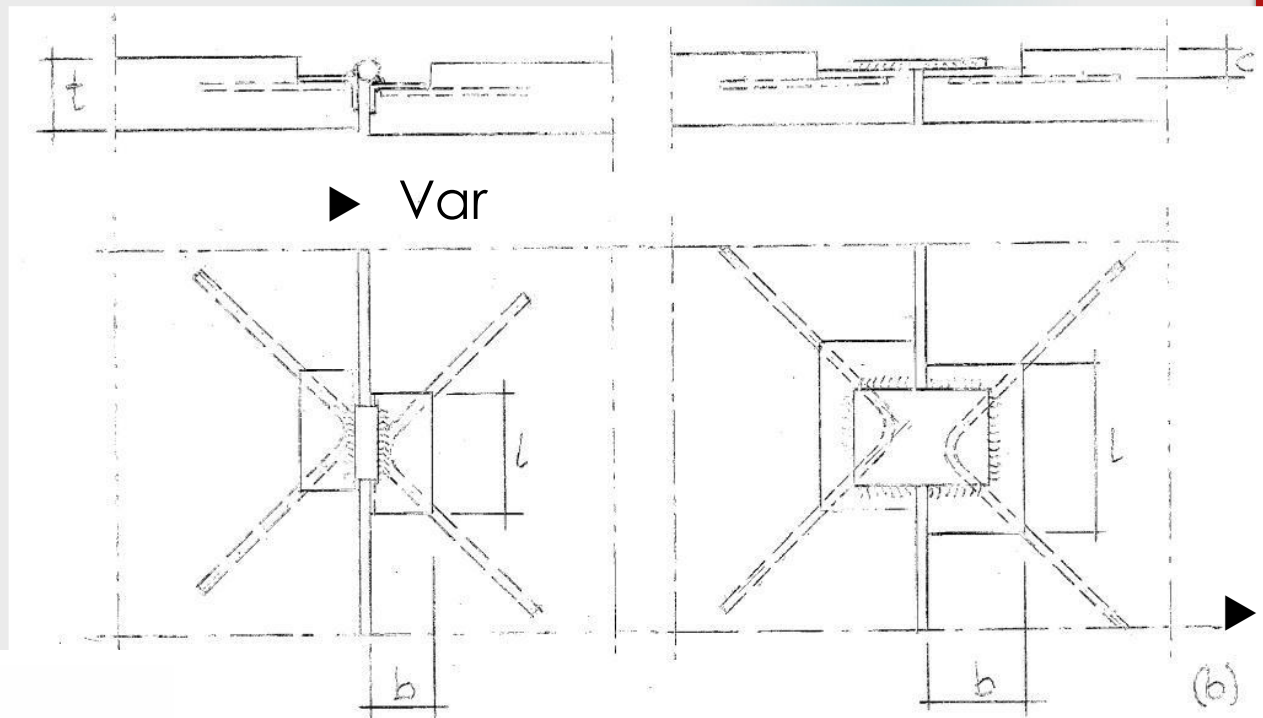
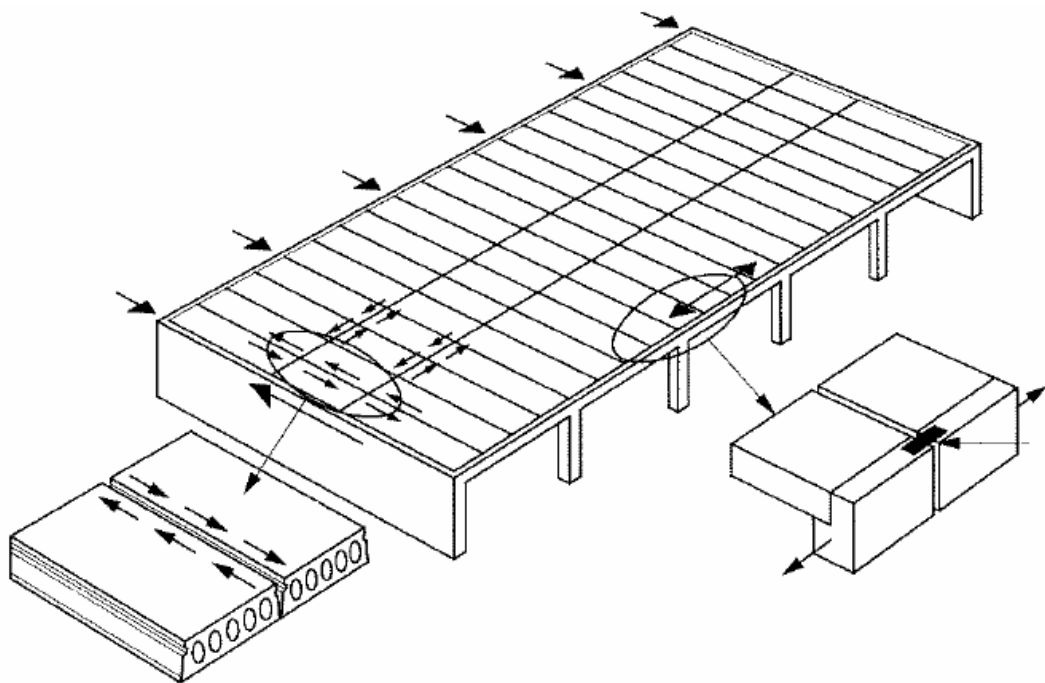
Spojevi ploča

- Povezanost ploče

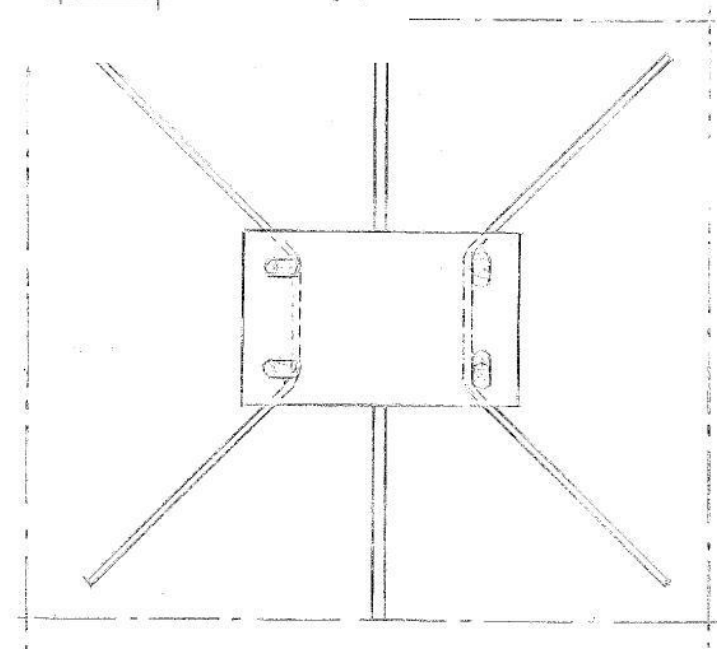
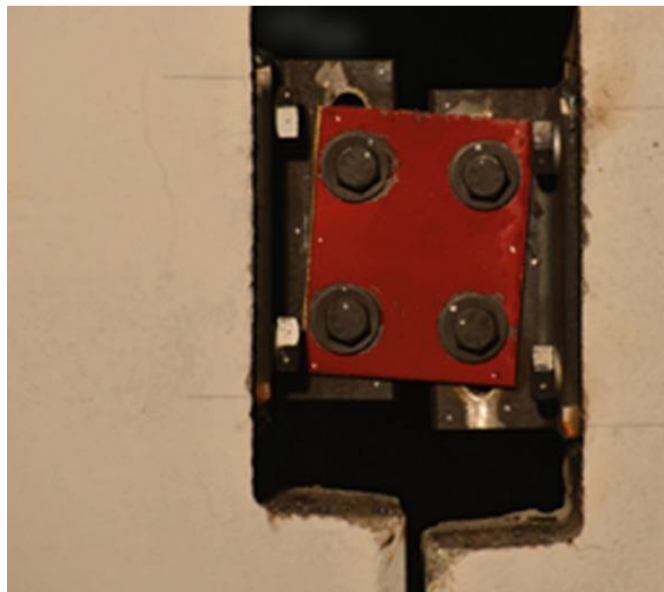


Spojevi ploča

► Posmična krutost ploče



► Vijčani spoj



Spojevi elemenata

- Spojevi među elementima - VAR

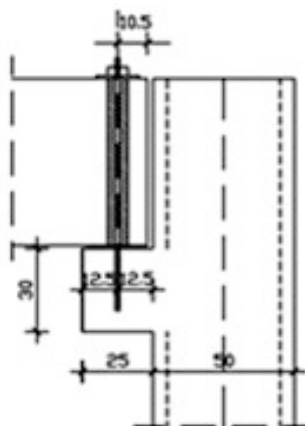
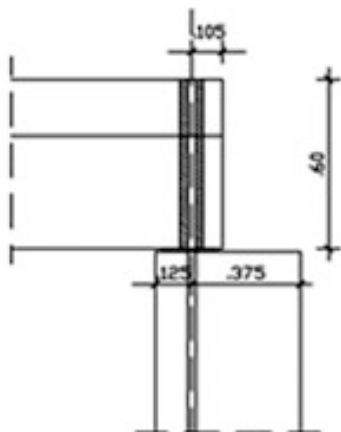
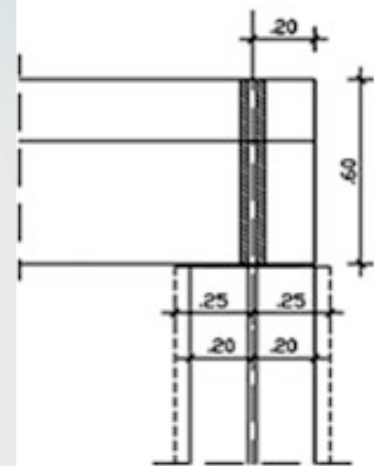
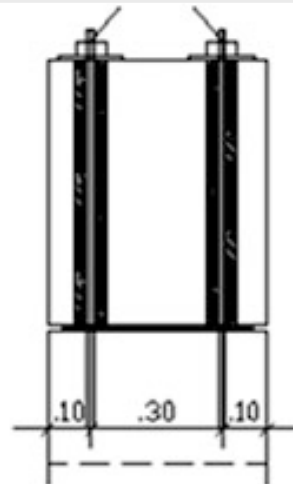
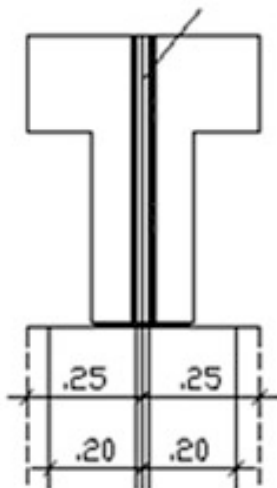
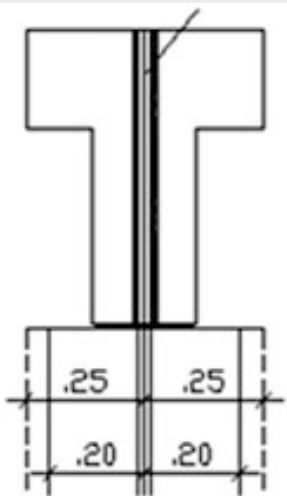


Spojevi elemenata

- ▶ Spojevi elemenata
 - ▶ Moždanici



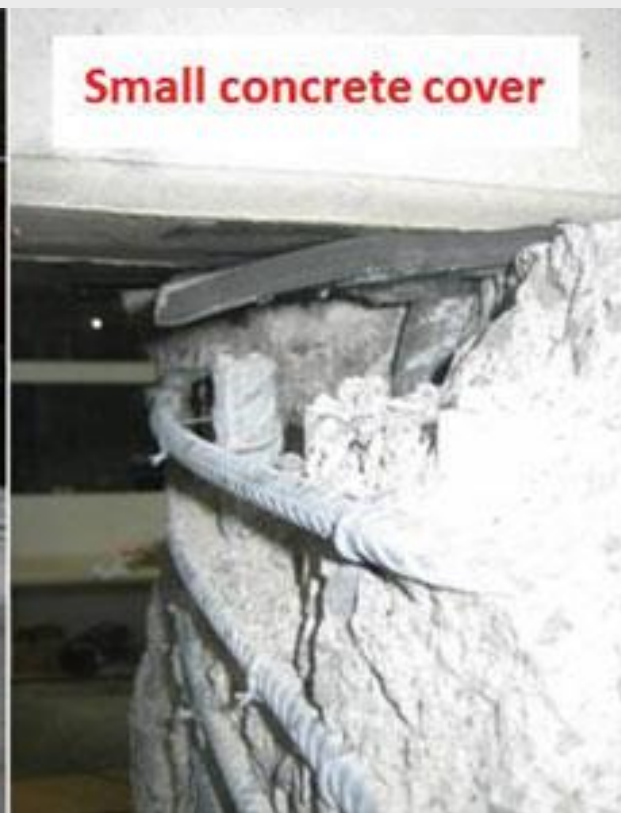
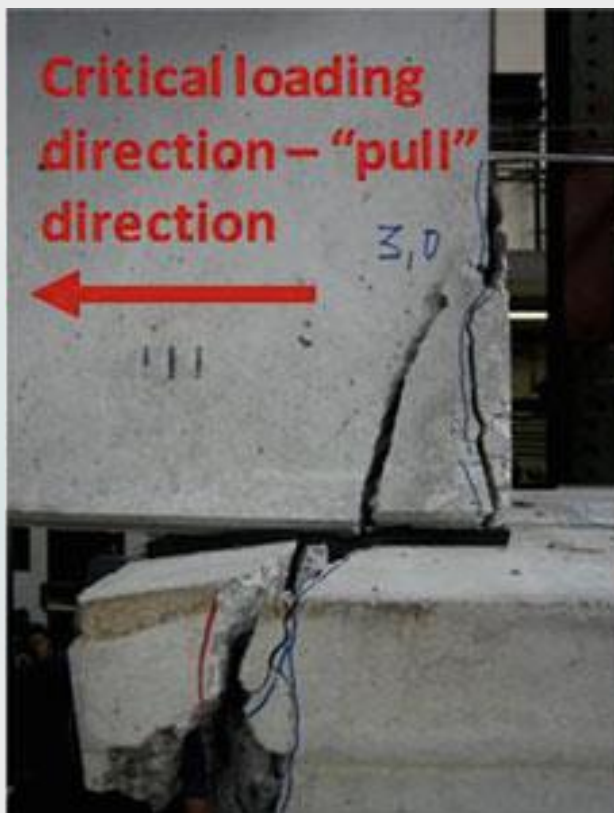
Spojevi elemenata Moždanici





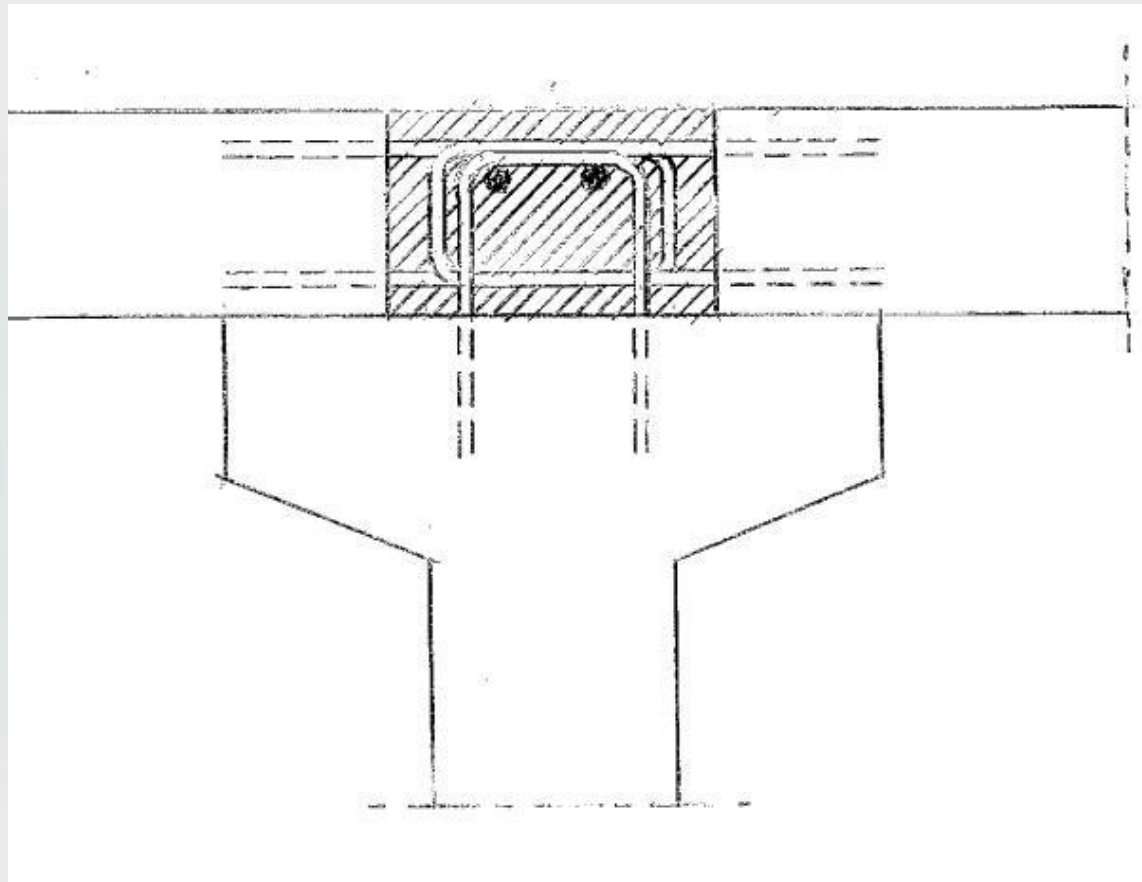
Spojevi elemenata

Moždanici - otkazivanje



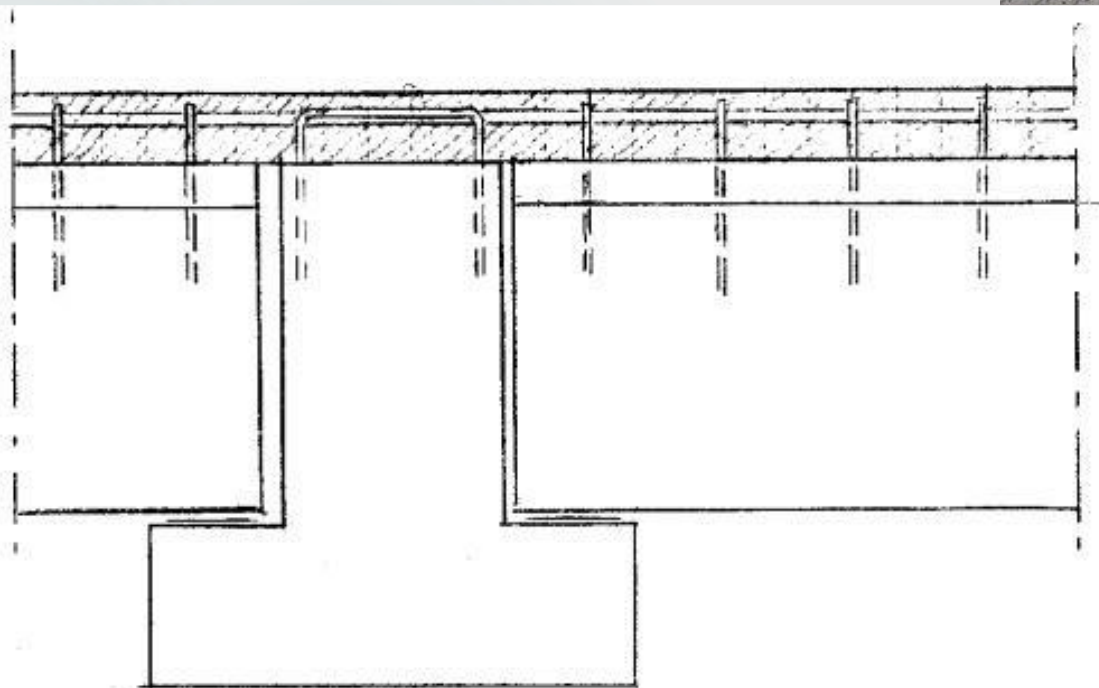
Spojevi elemenata

- Spojevi među elementima - Monolitizacija



Spojevi montažnih konstrukcija

- Kontinuiranost ploče – Monolitizacija

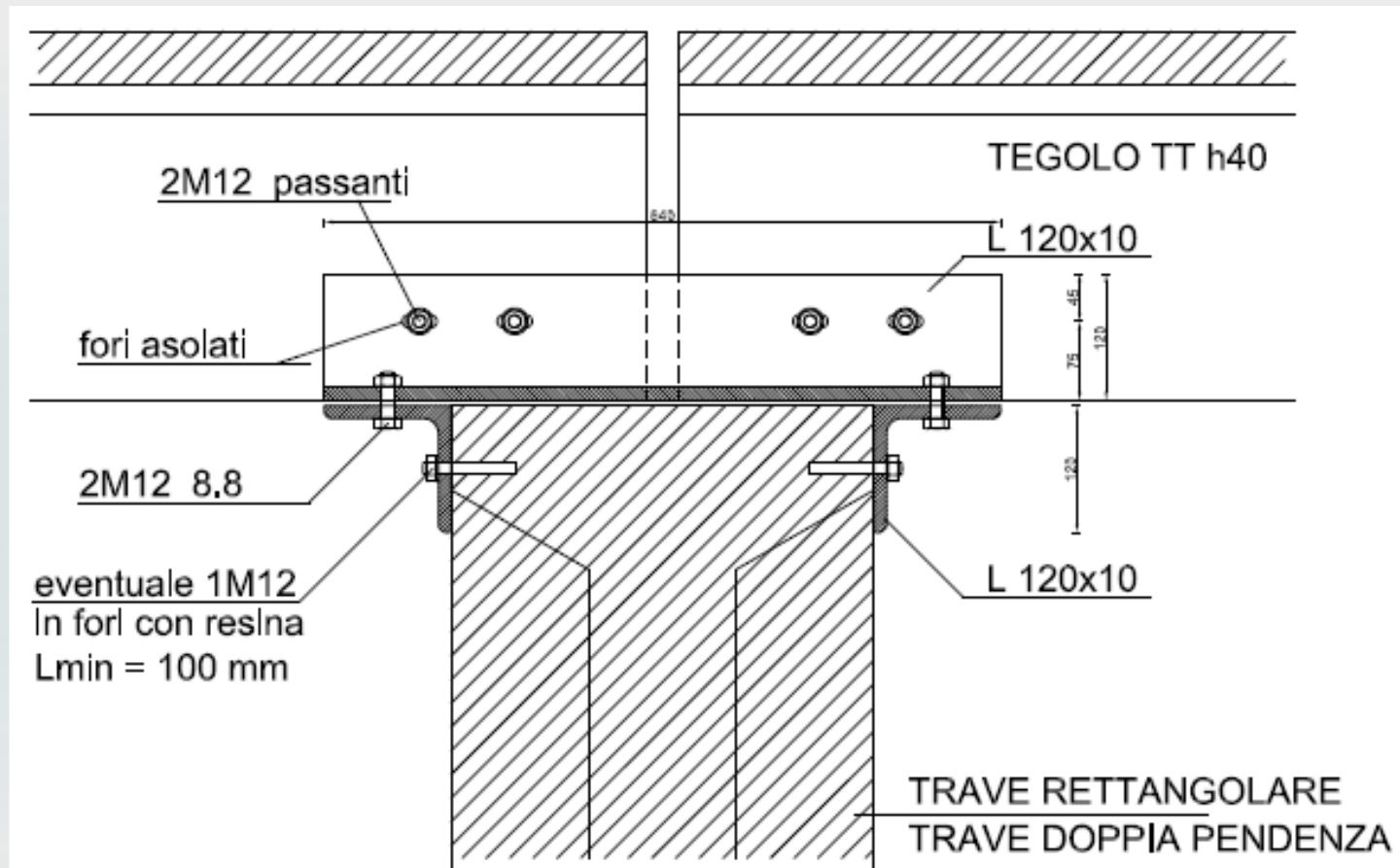




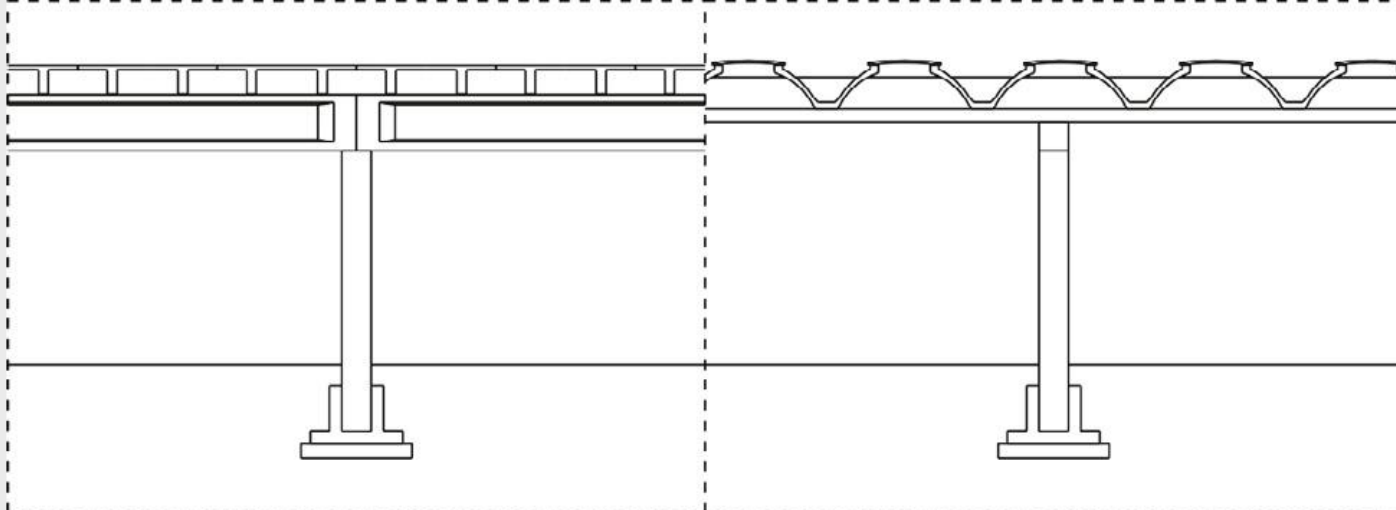


Spojevi elementata

► Spojevi među elementima - VIJCI







(a)



(b)

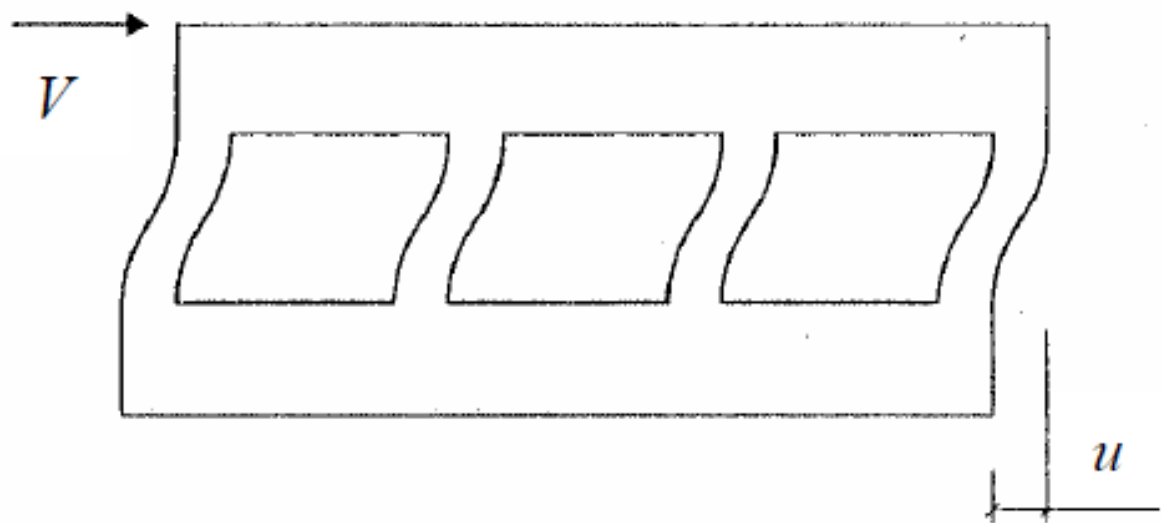
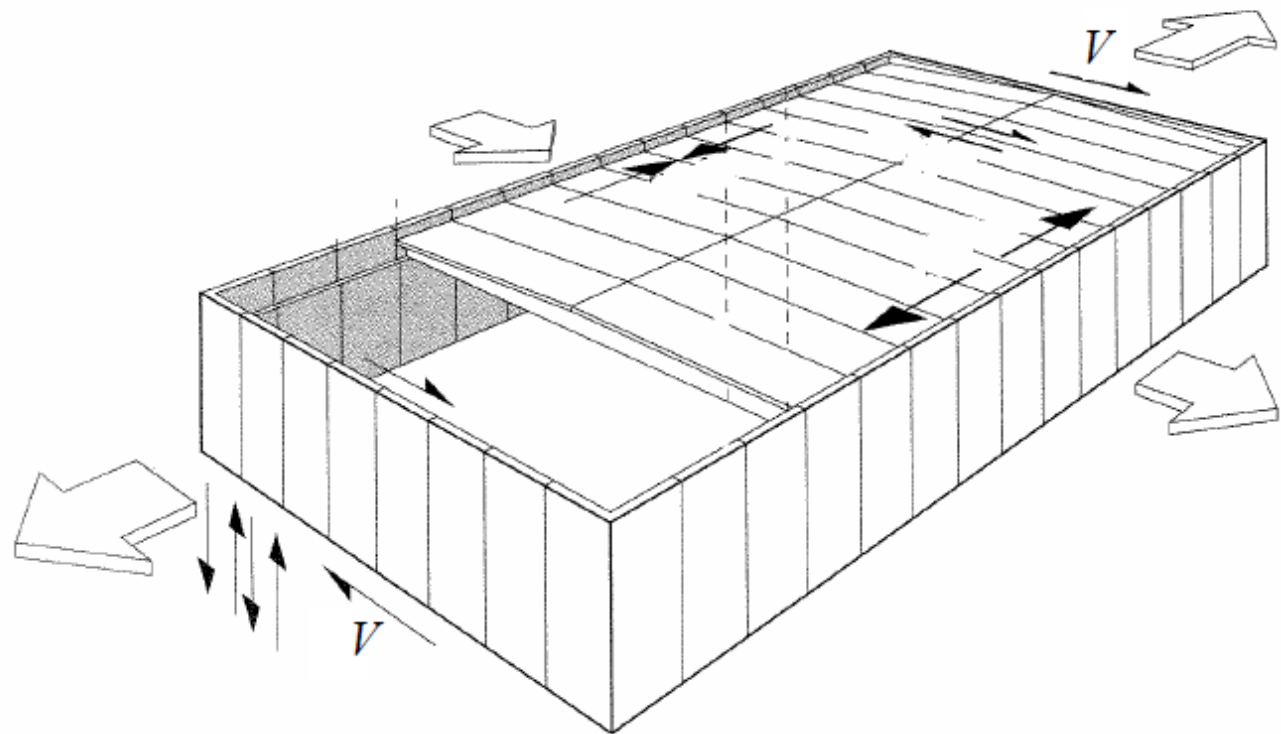
Spojevi elemenata Fasada



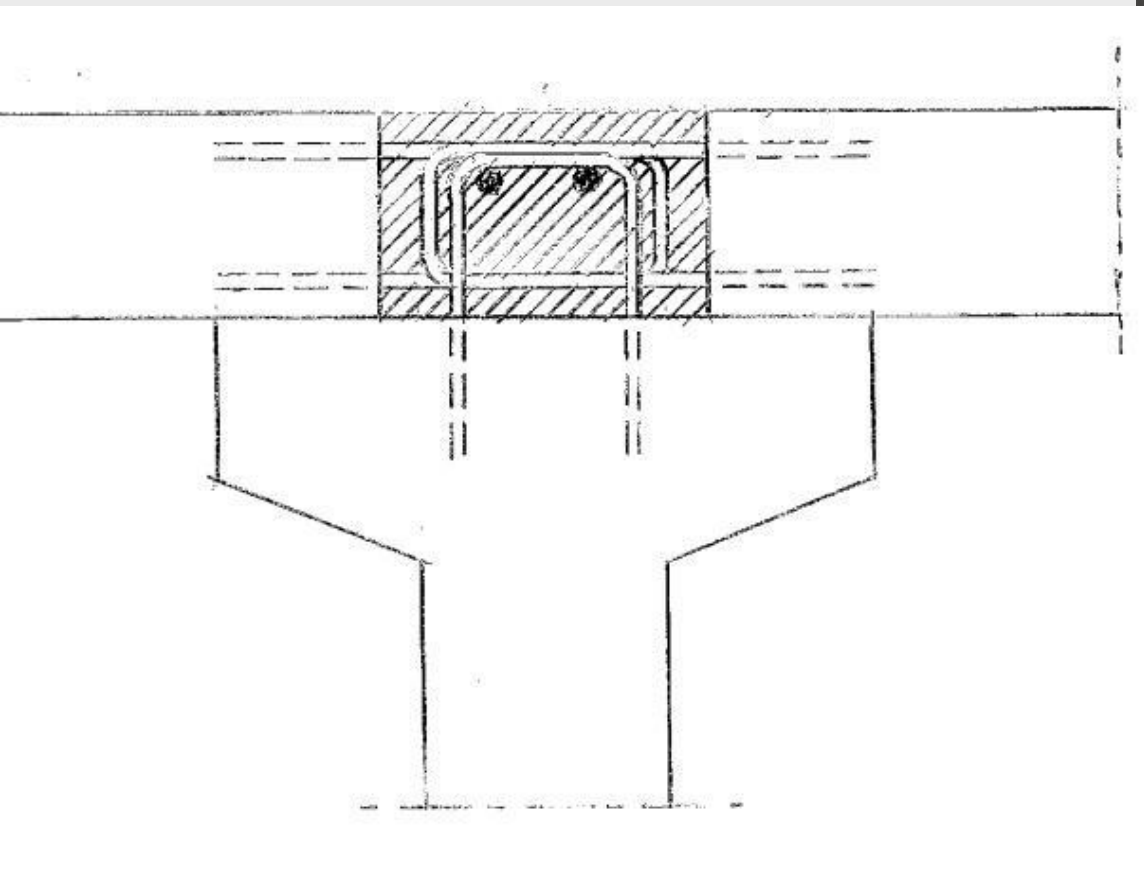
Spojevi elemenata

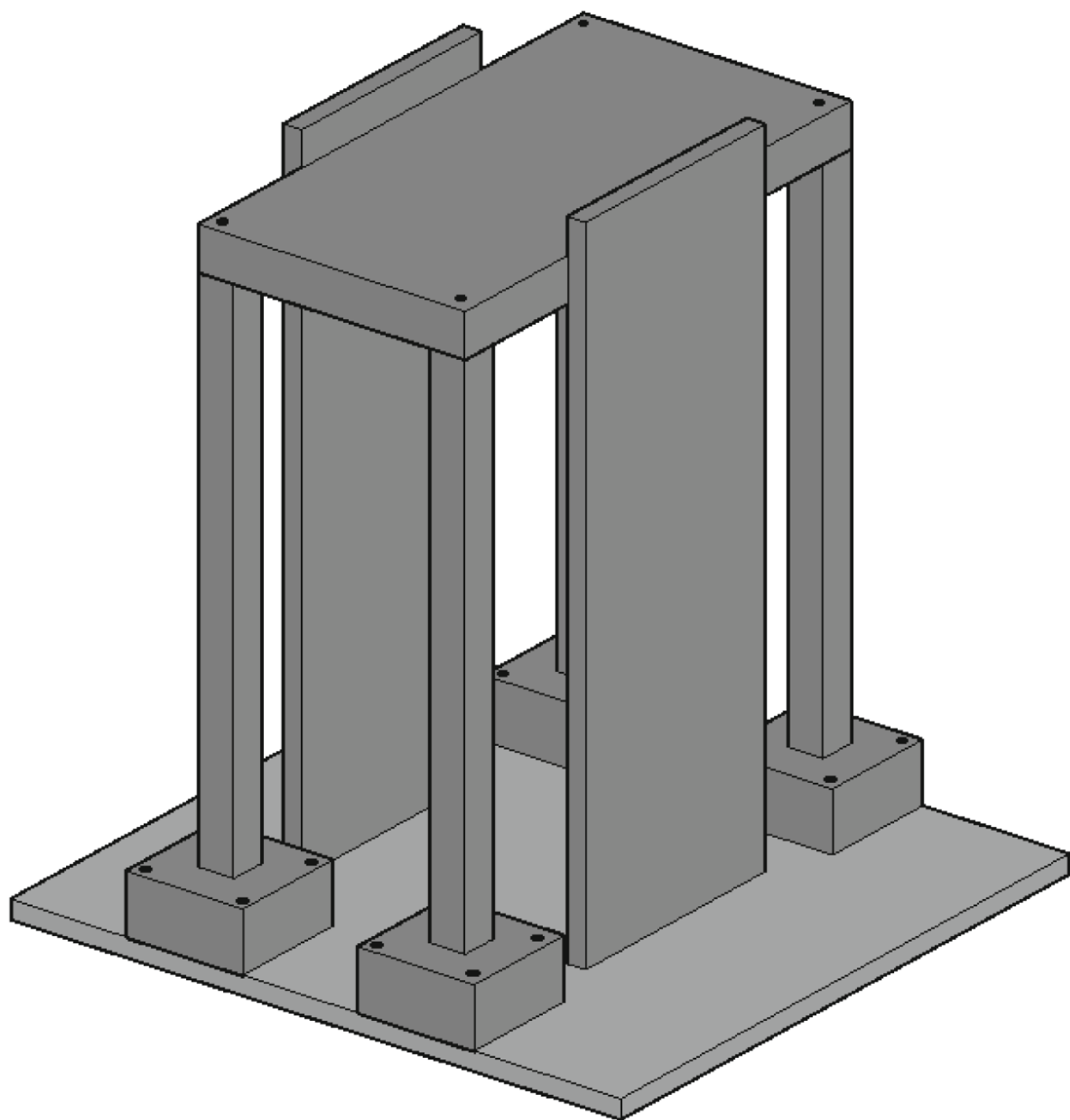
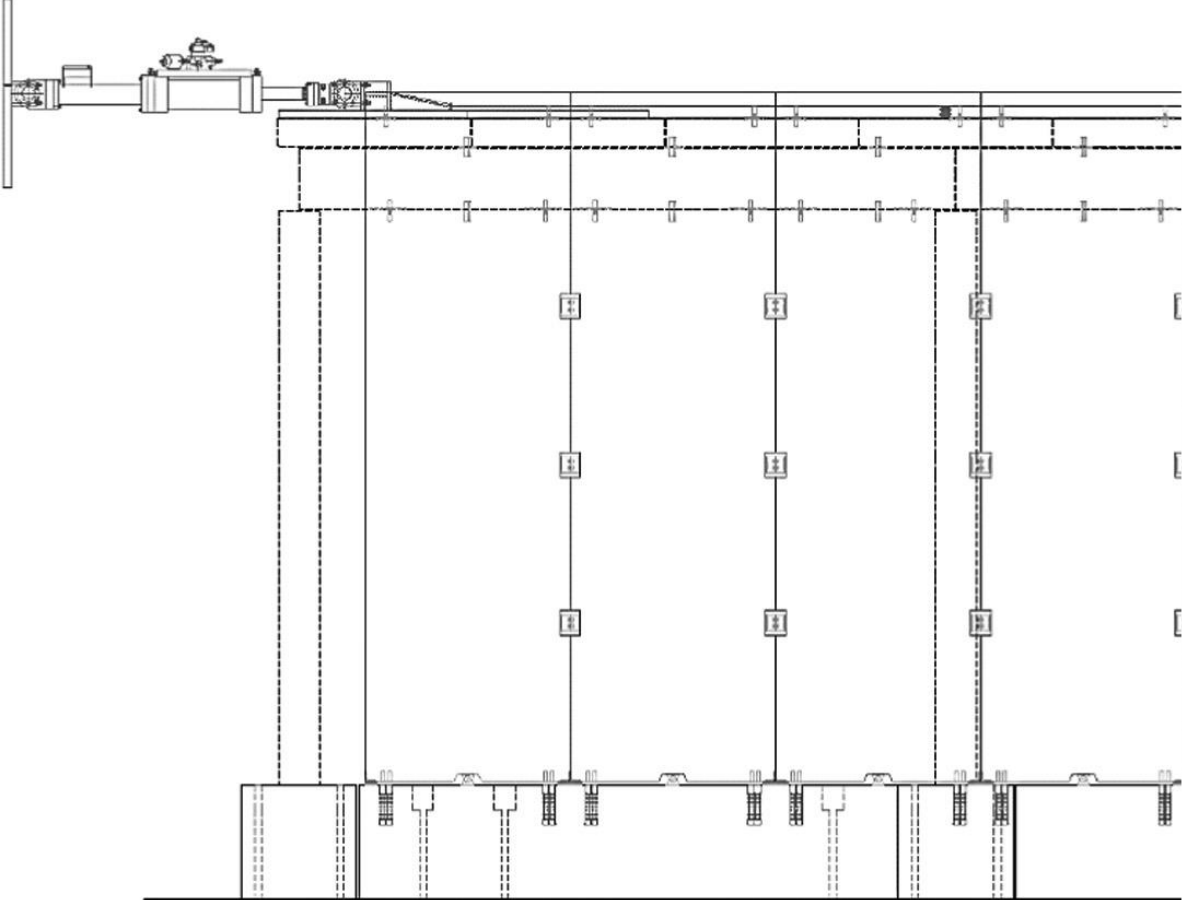
Fasada - otkazivanje



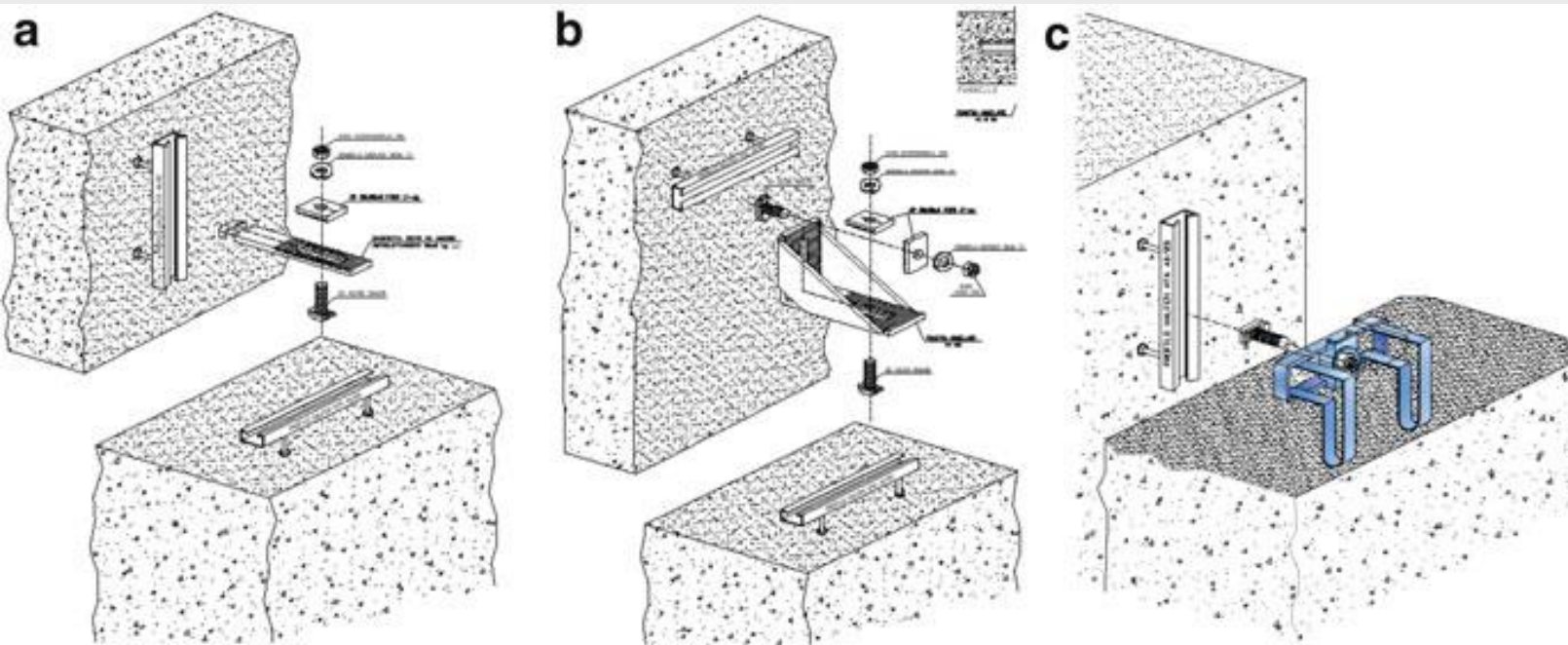


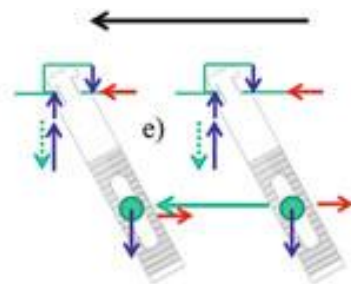
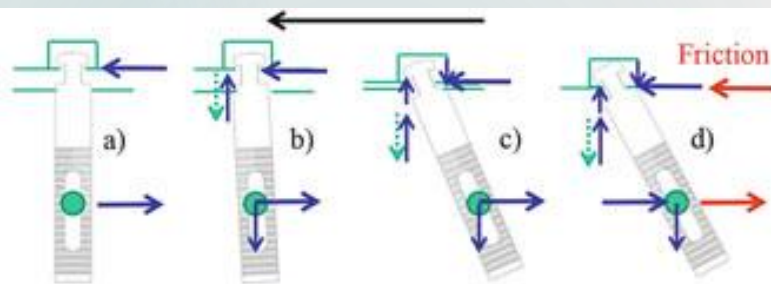
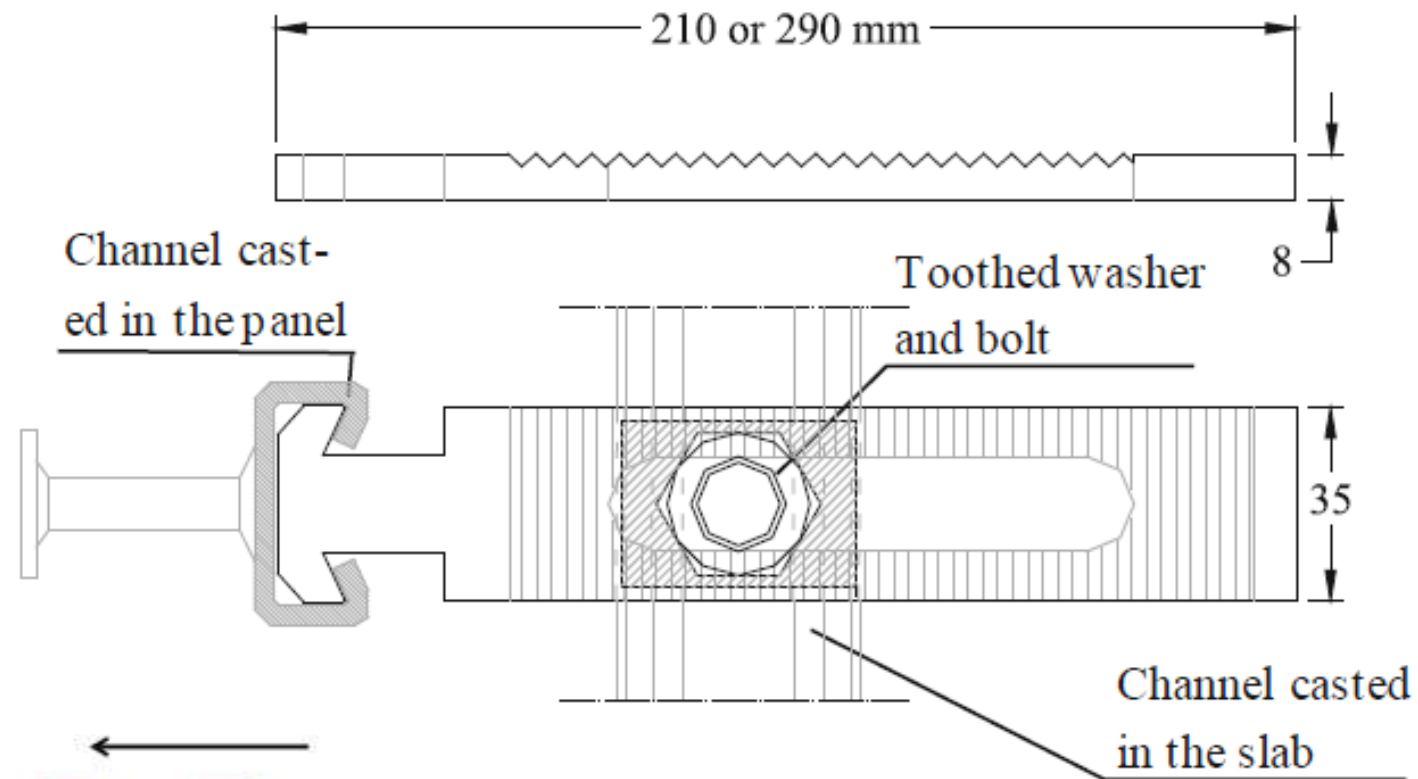
Spojevi elemenata Fasada





Spojevi elemenata Fasada





Sliding of the strap

