



**TEHNIČKO  
CRTANJE U  
GRADITELJSTVU**

**GRADITELJSTVO** je dio tehnike koja obuhvaća:

- Planiranje
- Projektiranje
- Građenje
- Održavanje građevine

**GRADITELJSTVO** se dijeli na :

- Visokogradnju obuhvaća građevine koje se nalaze iznad tla: zgrade , kuće, silosi, vodotornjevi...
- Niskogradnja je djelatnost u koju spadaju svi građevinski objekti koji se nalaze iznad zemlje do 5 metara visine (putevi, mostovi, pruge, ulice, mostovi, tuneli, vijadukti...), ali i ispod nje (kanalizacijske i vodovodne cijevi, plinovod...).



VIJADUKT





MOST

**GRAĐEVINSKO ZEMLJIŠTE** – predviđeno urbanističkim planom

**INVESTITOR** – financira gradnju

**PROJEKTIRANJE GRAĐEVINE:**

- Osmišljavanje (ideja građevine)
- Oblik, konstrukcija, funkcija
- Tehnički crtež



**PROJEKTIRANJE**

**PROJEKT** – stručno razrađen plan prema kojem se gradi zgrada.

## PROJEKTIRANJE:

1. IDEJNI PROJEKT (veličina, oblik, raspored prostorija, orijentacija u prostoru)

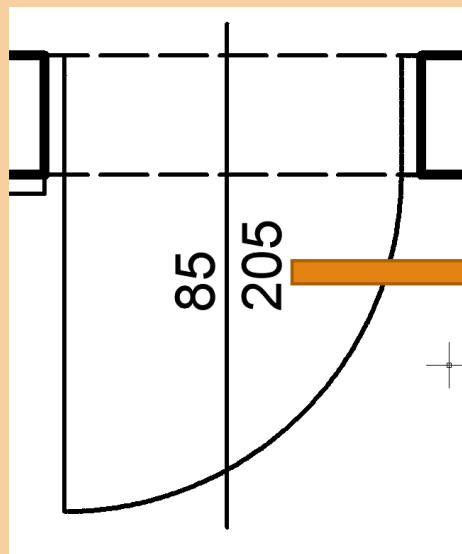
### 2. GLAVNI PROJEKT:

- crteži instalacija
- materijali
- vanjska oplata
- izolacija
- troškovnik

### 3. IZVEDBENI PROJEKT



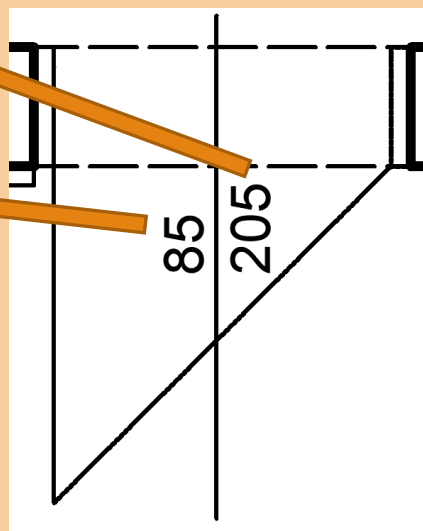
PROJEKTNJA DOKUMENTACIJA

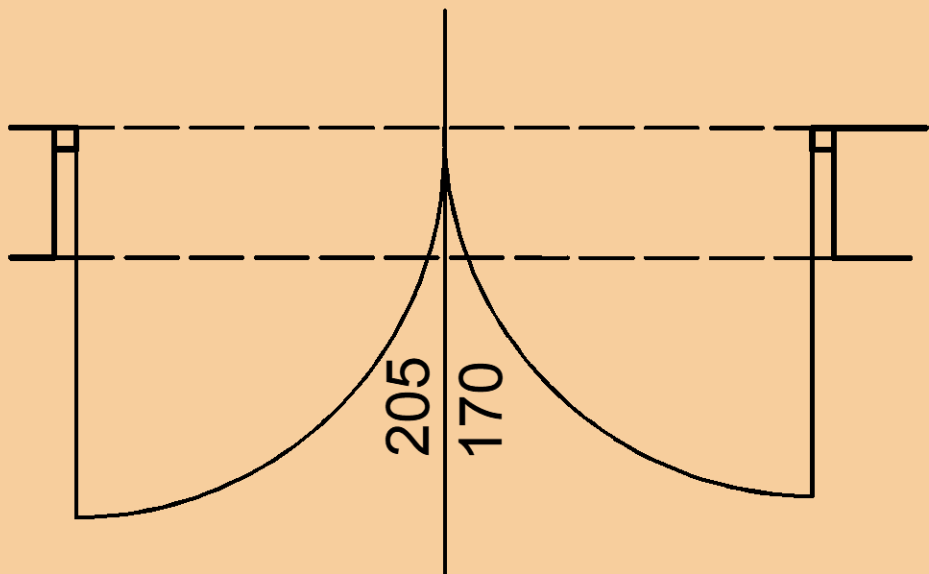


VRATA

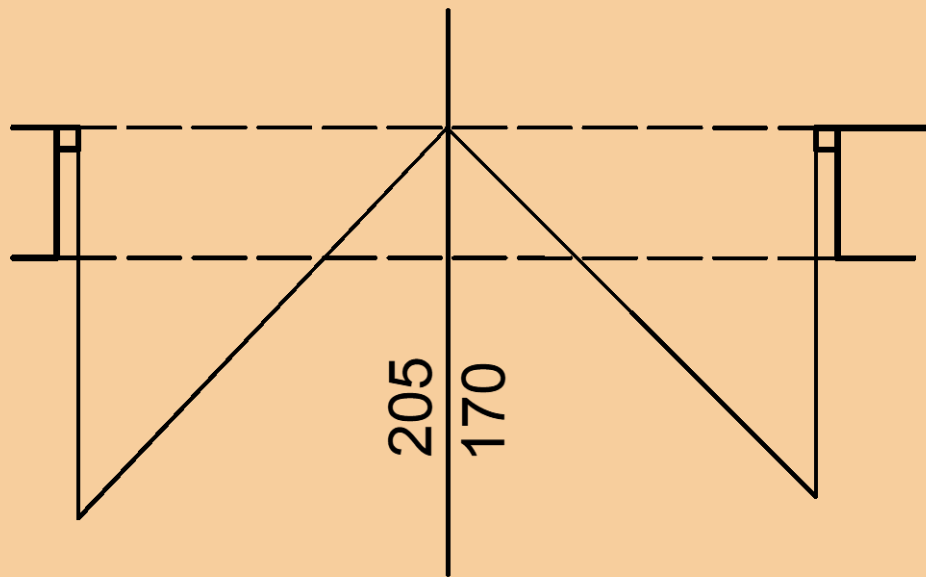
Širina

Visina





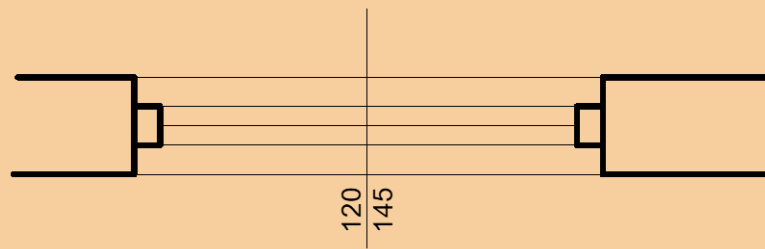
DVOKRILNA VRATA



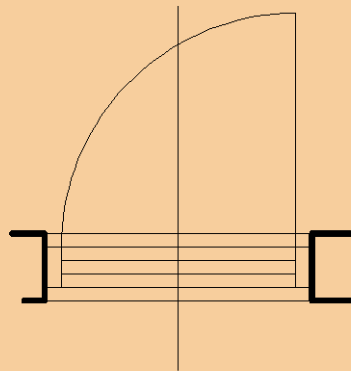




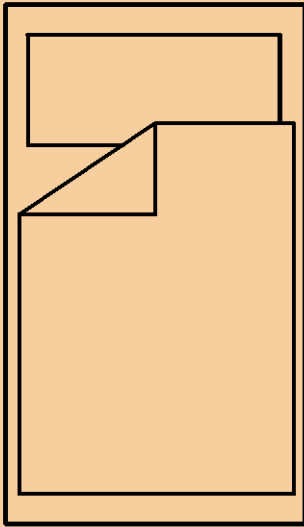
KLIZNA VRATA



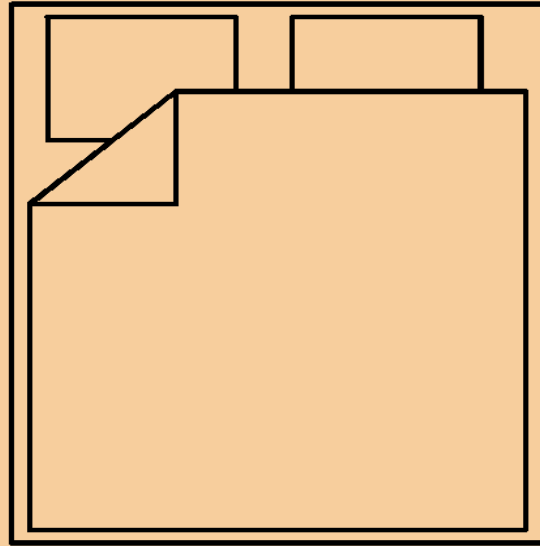
PROZOR



PROZOR BALKONSKI

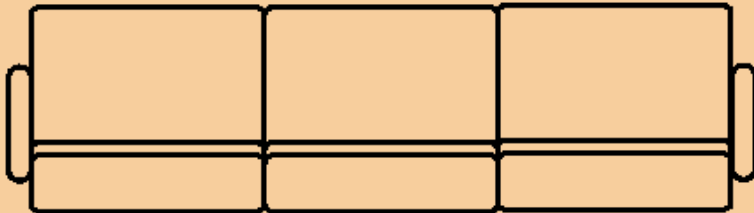


KREVET



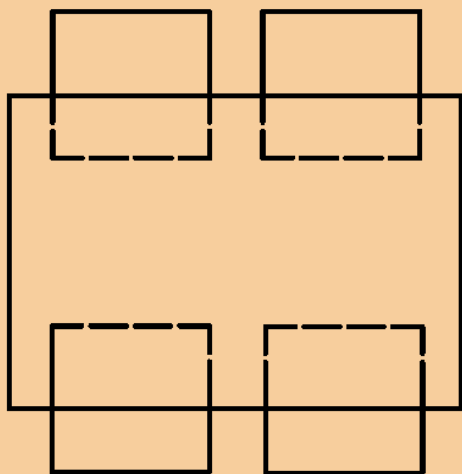
KREVET  
BRACNI

TROSJED

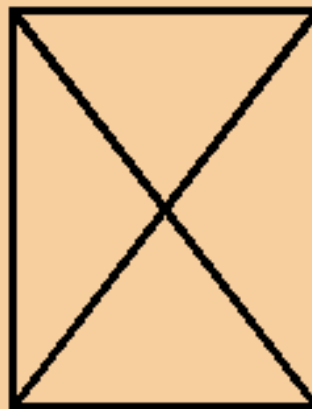


FOTELJA



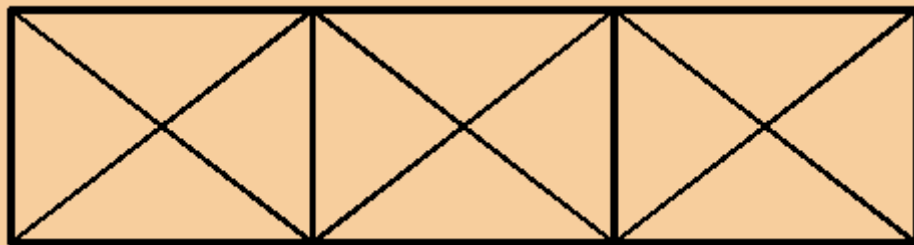


STOL I  
SJEDALICE

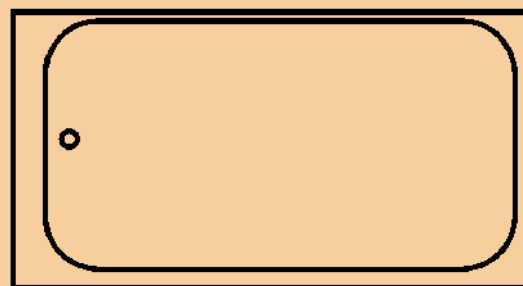


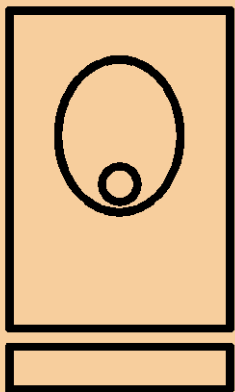
ORMAR

ORMAR TROKRILNI

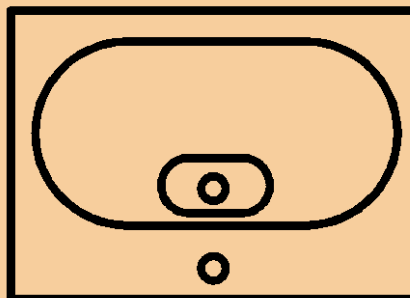


KADA

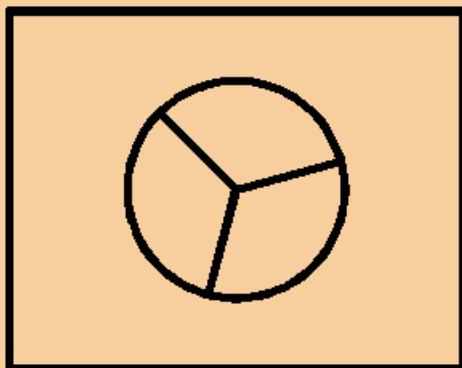




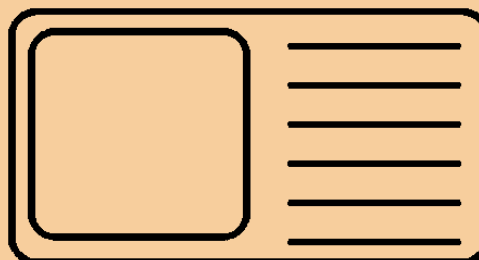
WC ŠKOLJKA



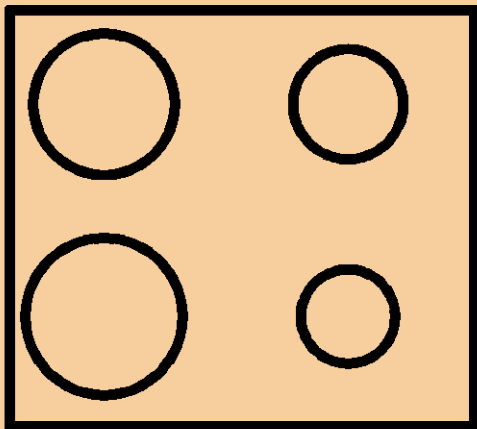
UMIVAONIK



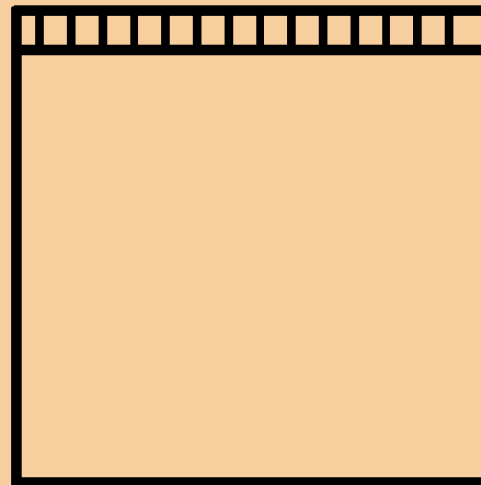
PERILICA  
RUBLJA



SUDOPER



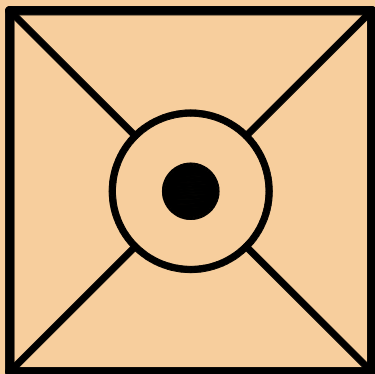
ŠTEDNJAK



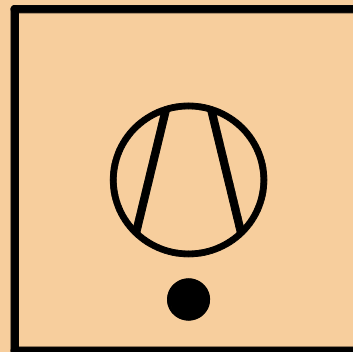
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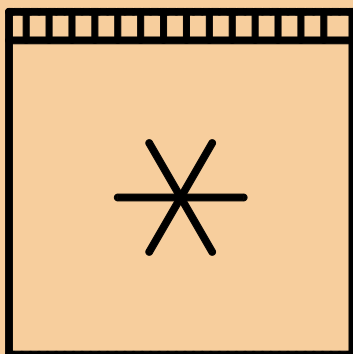
DIMNJAK



PERILICA  
POSUĐA

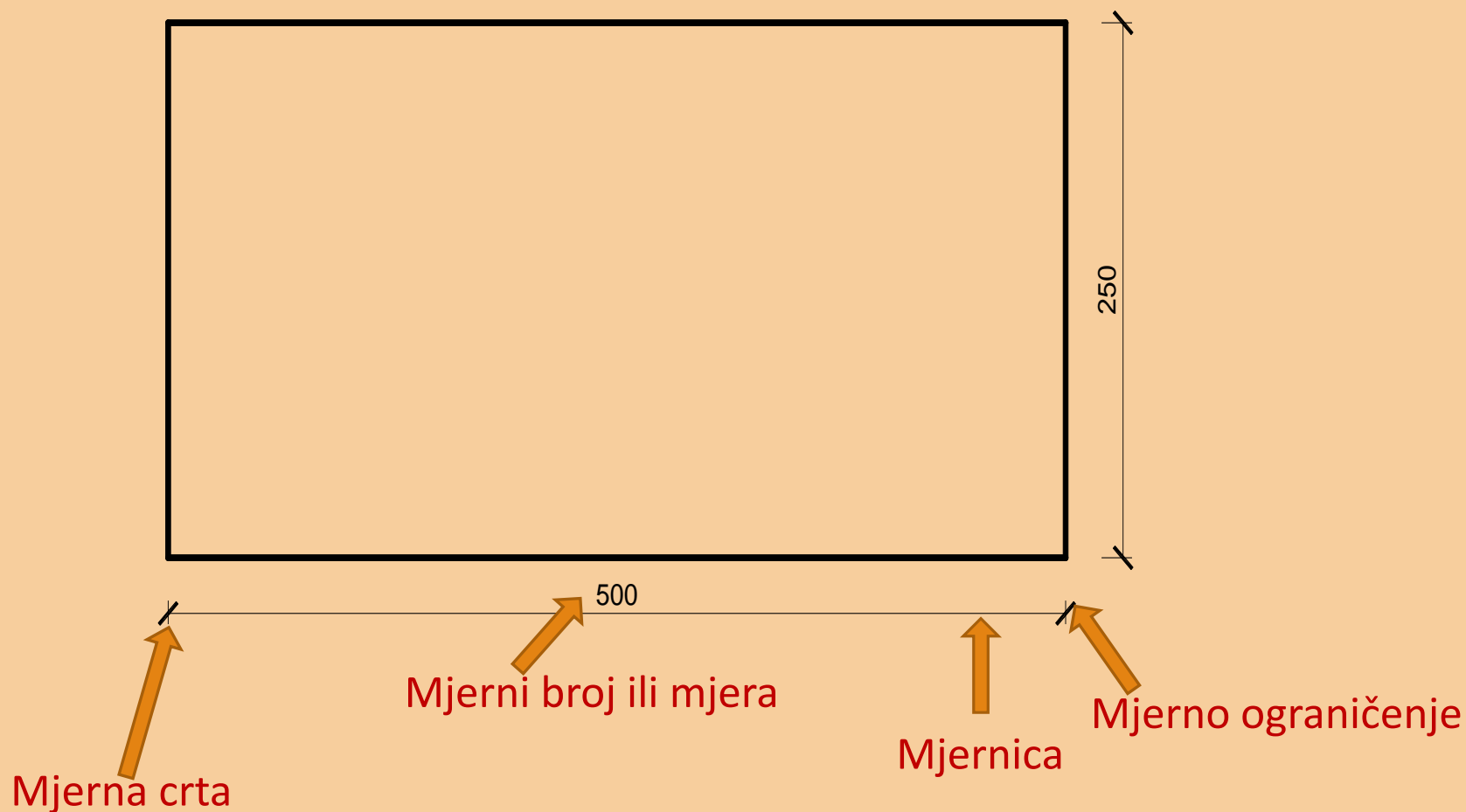


SUŠILICA  
RUBLJA



KLIMATIZACIJSKI  
UREĐAJ

# KOTIRANJE U GRAĐEVINARSTVU



**MJERA PREDSTAVLJA VELIČINU U CENTIMETRIMA !!!**

