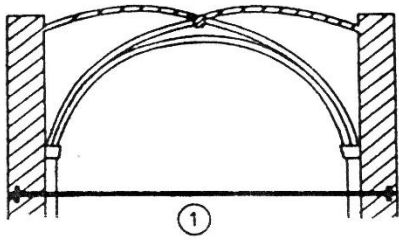


## Лекція 8.

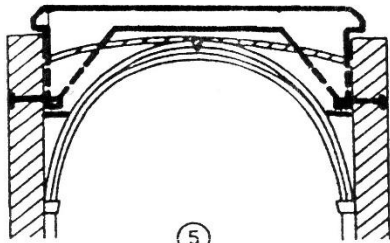
Реновація склепінь. Півничне перекриття - «Кляйн».

Пласкі дерев'яні перекриття.

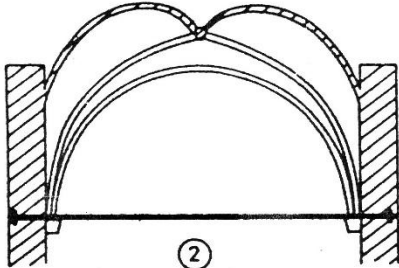
Реновація конструкцій та покриття дахів. Чинники, що руйнують  
деревину. Реновація деревини.



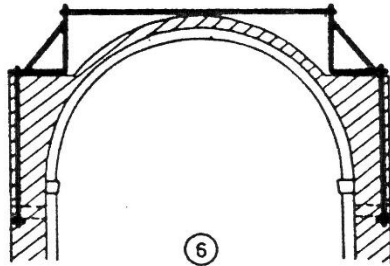
1



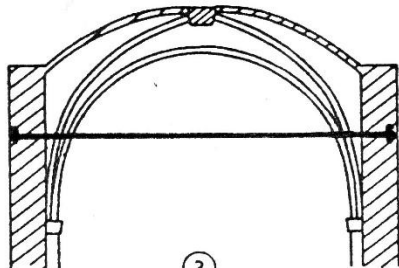
5



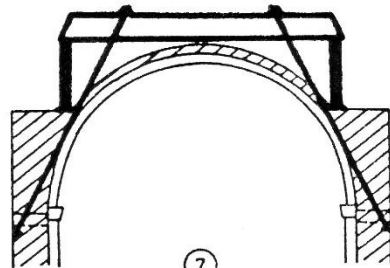
2



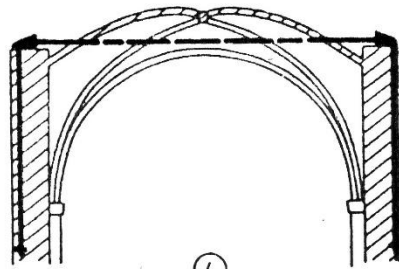
6



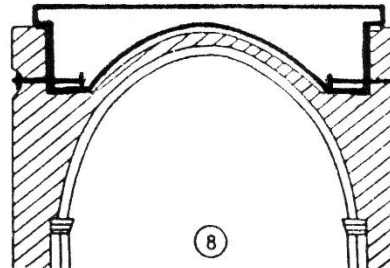
3



7

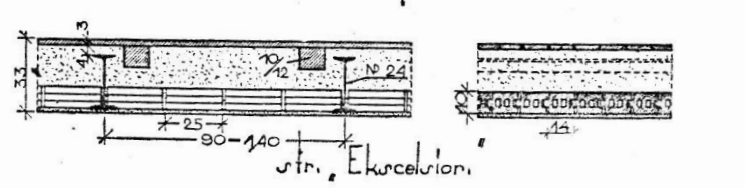
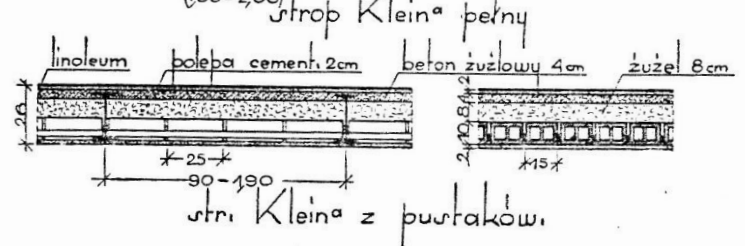
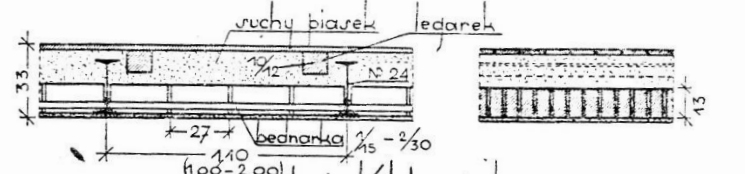
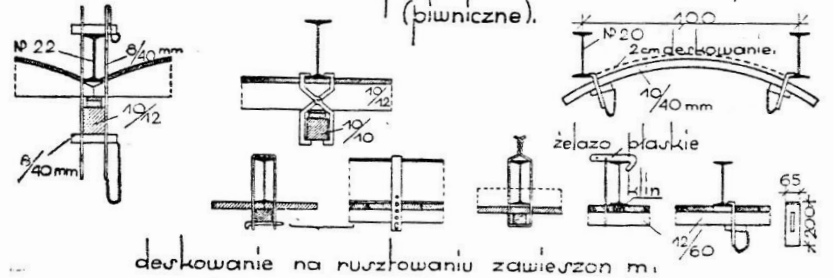
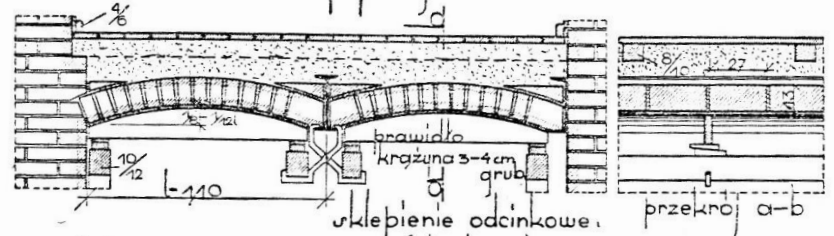


4

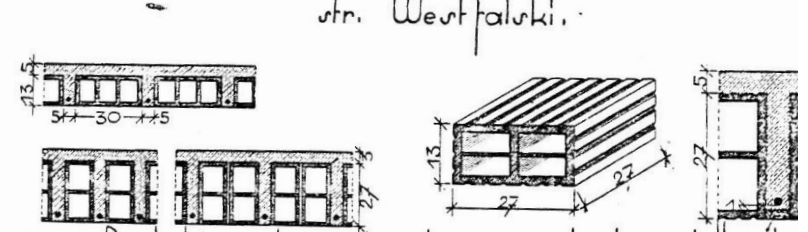
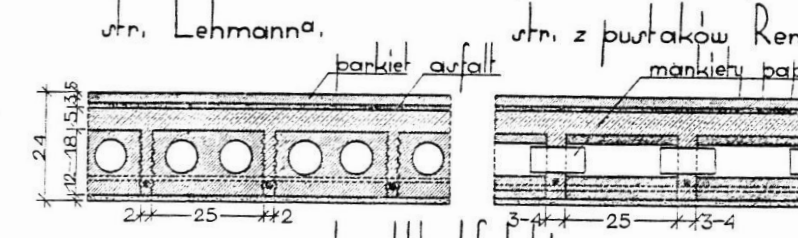
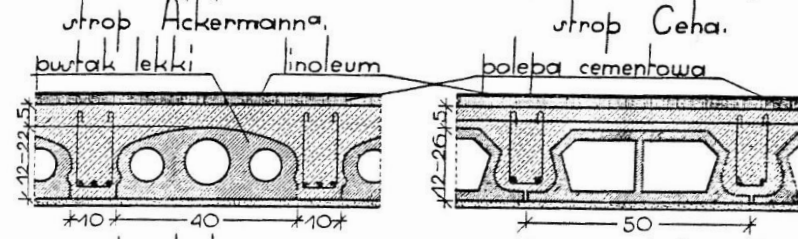
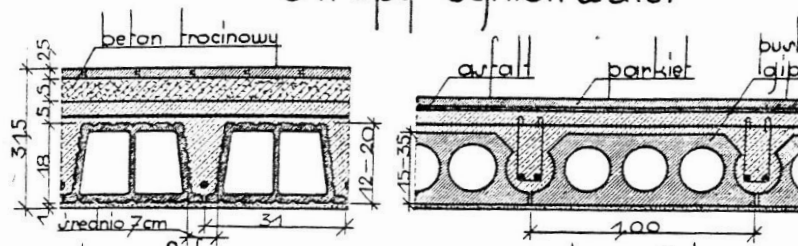


8

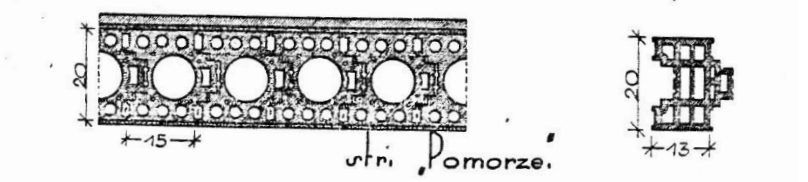
# Stropy ogniotrwale.



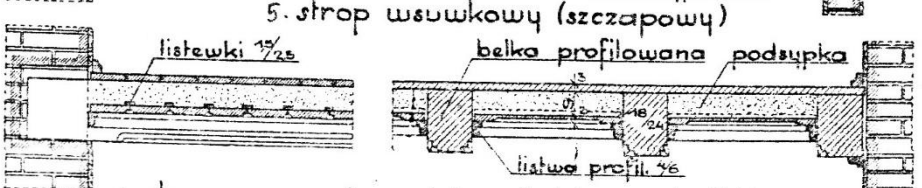
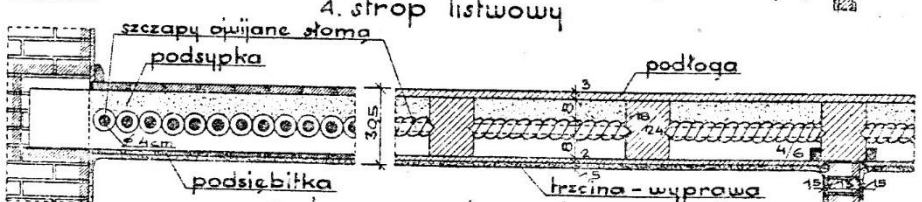
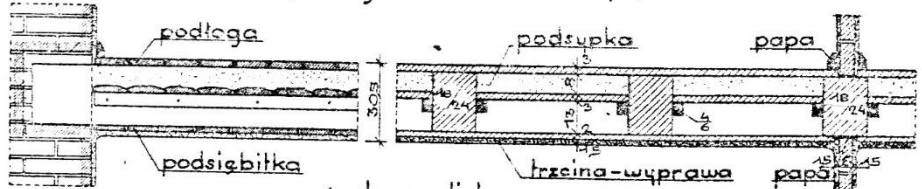
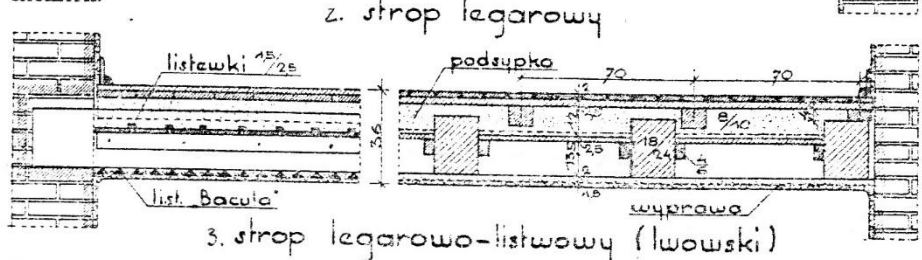
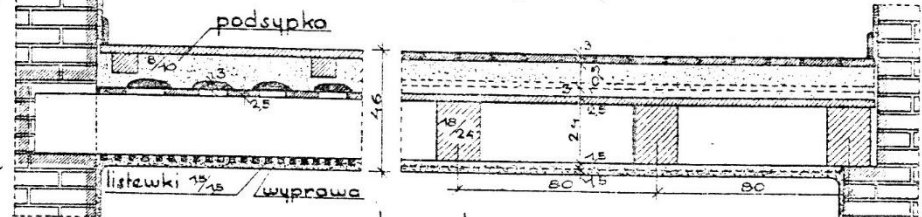
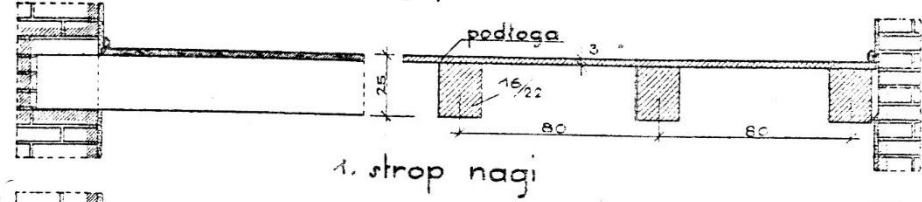
# Stropy ogniotrwale.



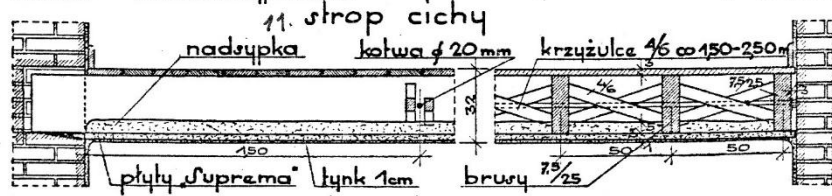
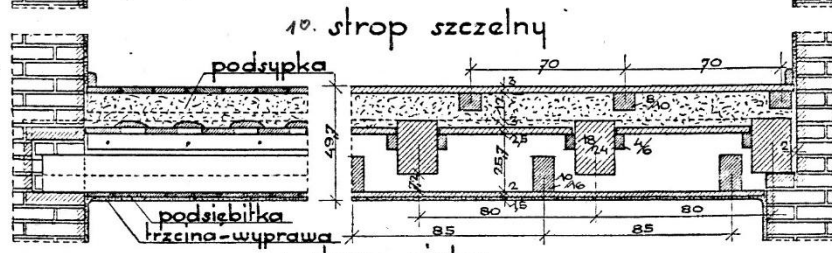
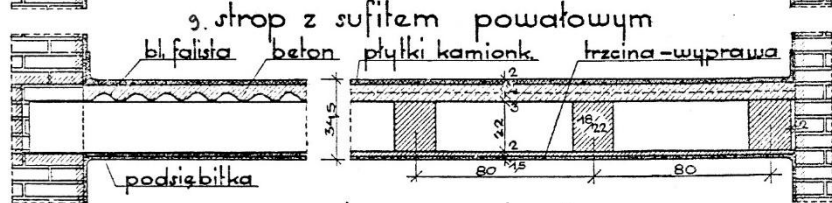
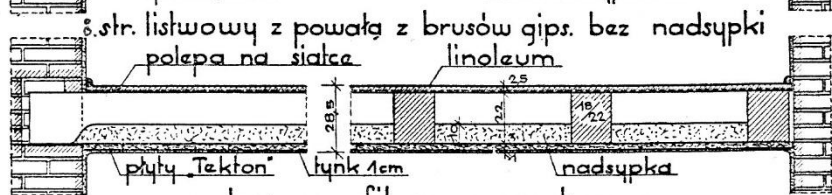
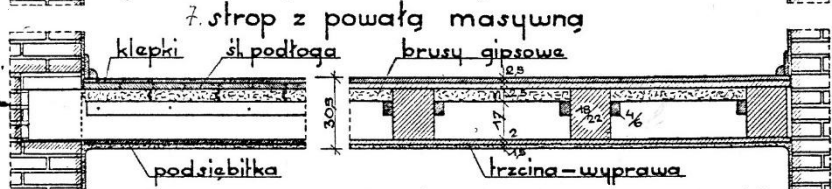
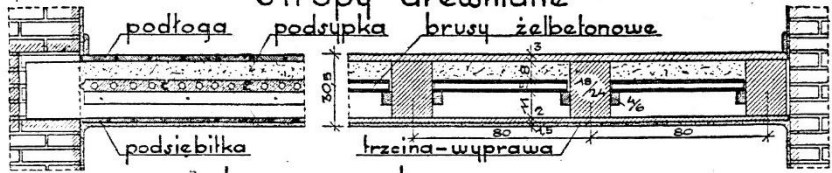
Pustaki ceglane do stropów żeberkowych.



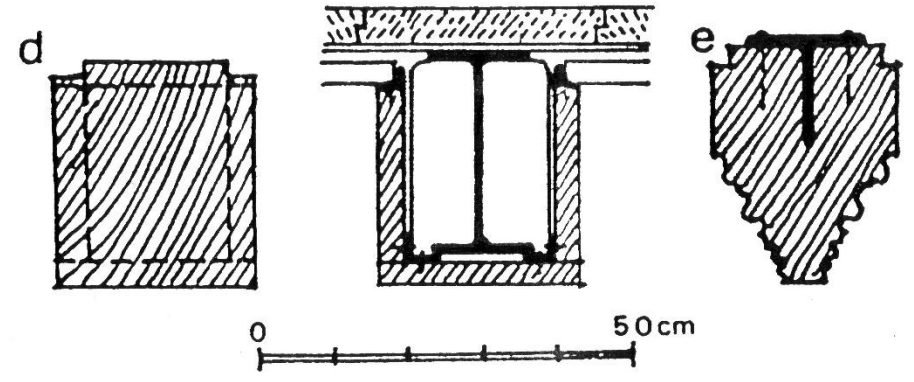
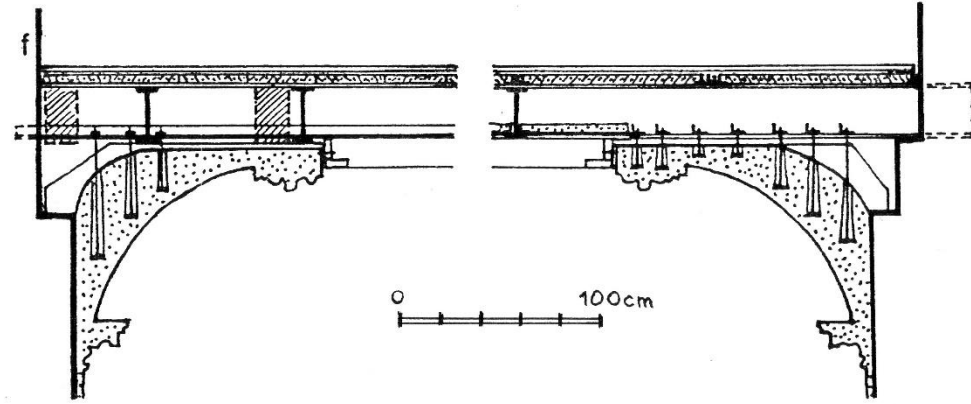
# Stropy drewniane

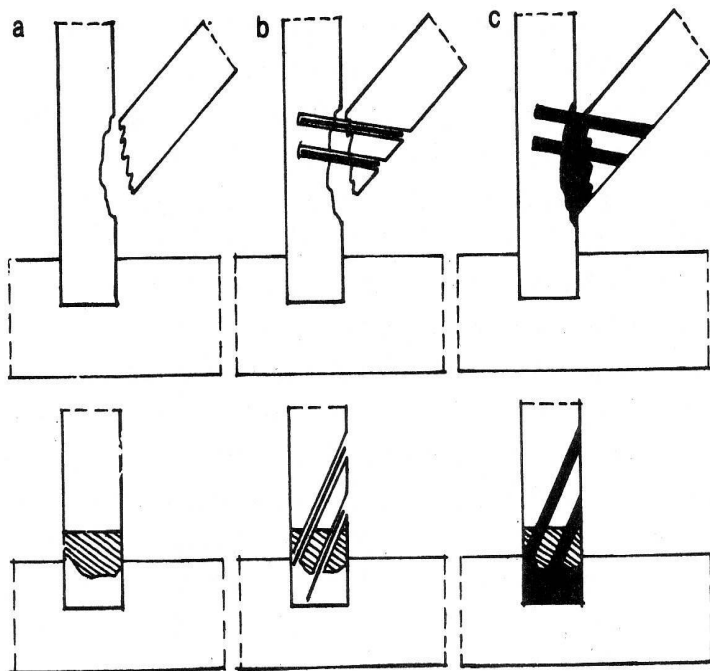


Ustropy drewniane

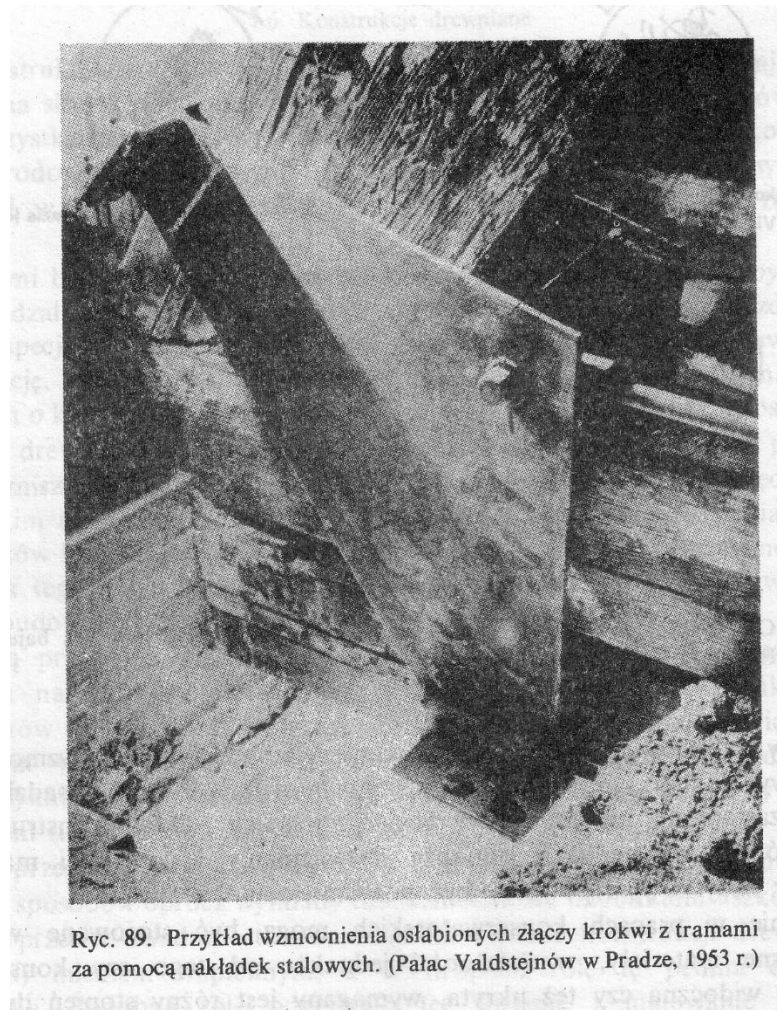


12. strop brusowy

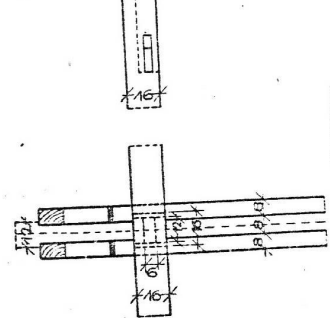
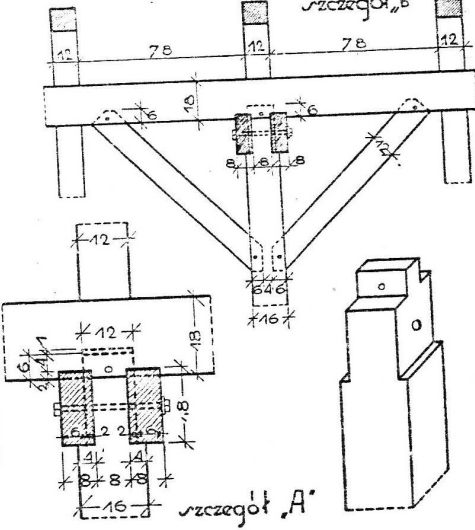
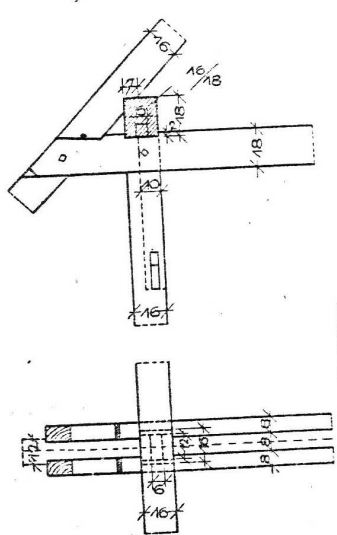
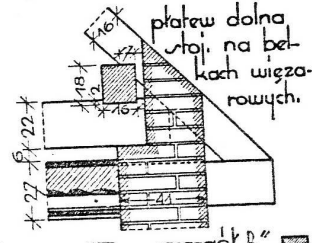
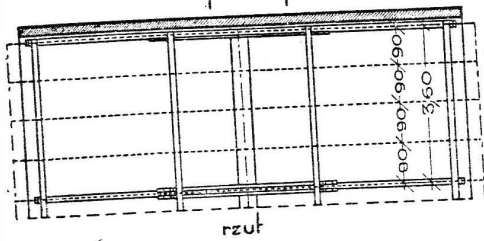
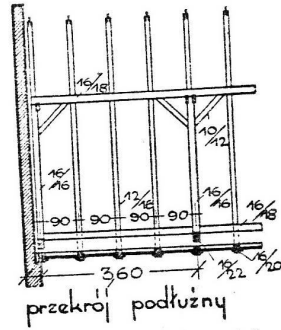
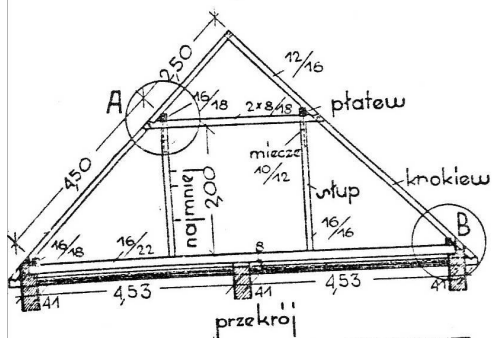




Ryc. 90. Wzmacnianie uszkodzeń konstrukcji drewnianych w węzłach i stykach, za pomocą materiałów syntetycznych. W miejscach uszkodzonych (a) w wywiercone otwory włożone pręty z włókna szklanego (b) i następnie wraz z pustką po wypróchniałym drewnie zalane żywicą epoksydową (c). (Wg prospektu firmowego)



Ryc. 89. Przykład wzmocnienia osłabionych złączy krokwi z tramami za pomocą nakładek stalowych. (Pałac Valdštejnův w Pradze, 1953 r.)



### Dach dwuspadkowy ze ścianką kolankową.

