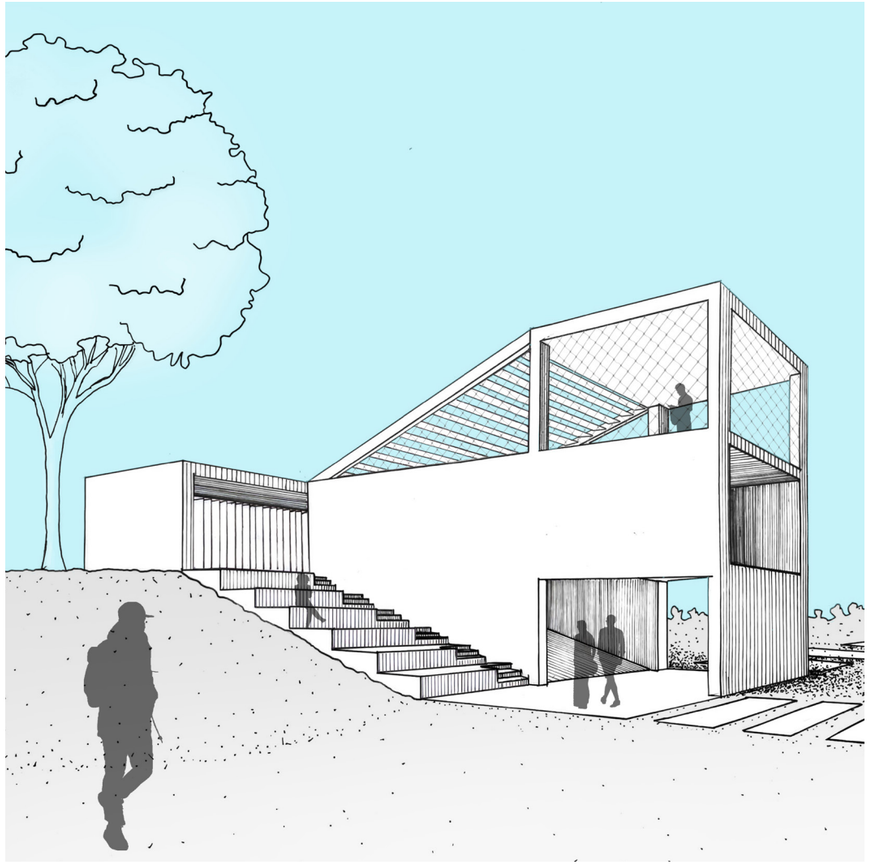


P O R T F O L I O Z A N

PAVILON ŠTVANICE | PŘÍRODA

KATEŘINA JEŘÁBKOVÁ

SKUPINA | 2021/2022 | ZAN Kirovová & Sigmundová | FA ČVUT

Pavilon Štvanice

OBSAH:

1/ Analýza lokality

2/ Koncept

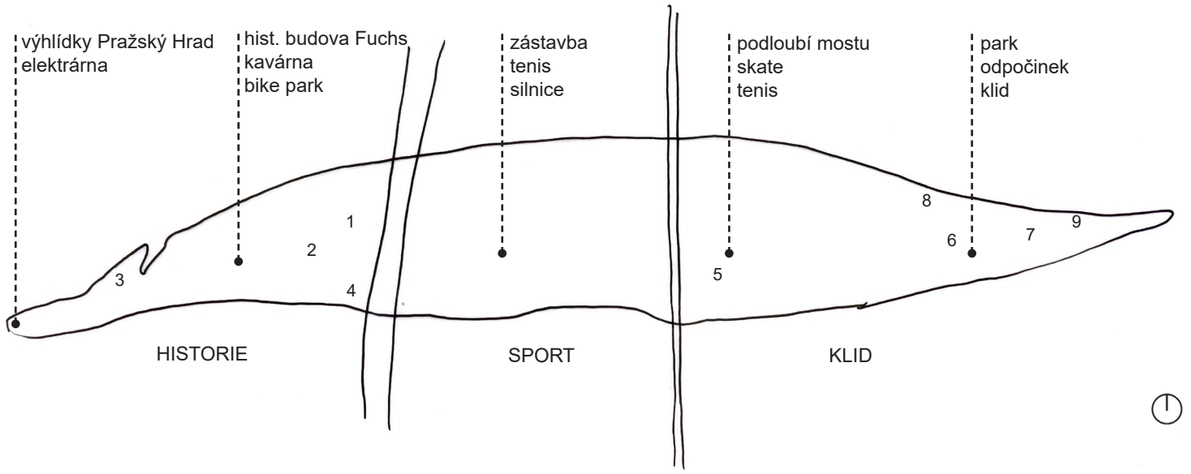
3/ Vývoj konceptu

4/ Finální návrh

ANALÝZA OSTROVA ŠTVANICE

1

2



3

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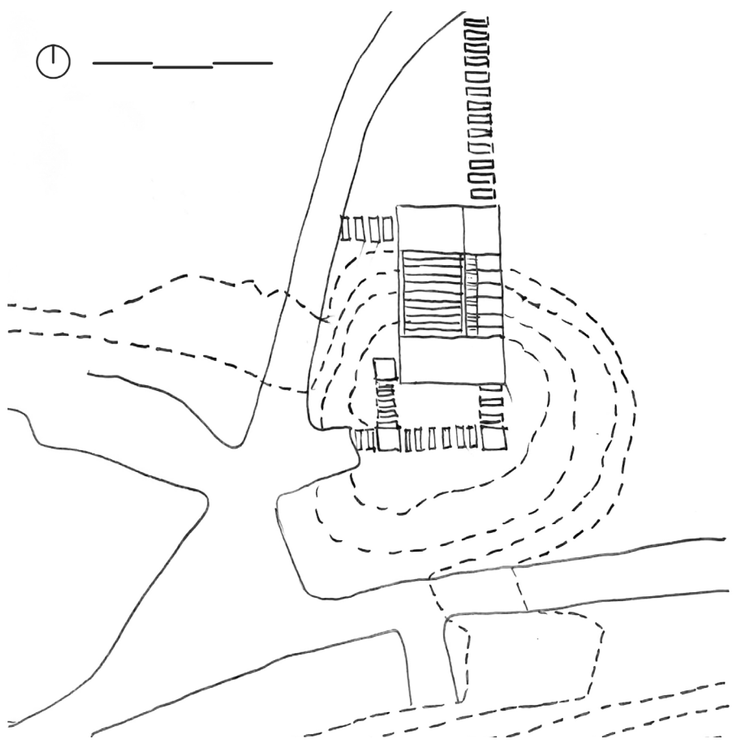
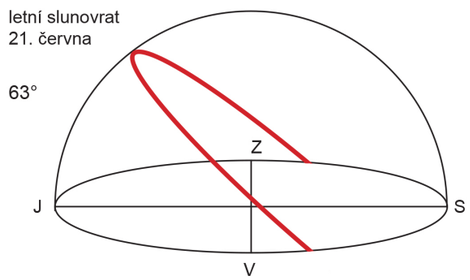
9

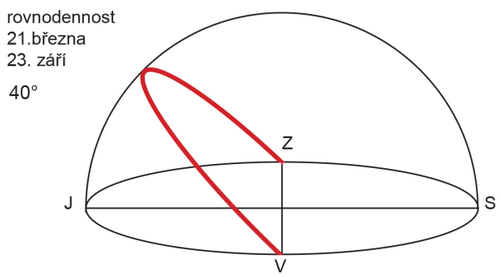
KONCEPT - PŘÍRODA

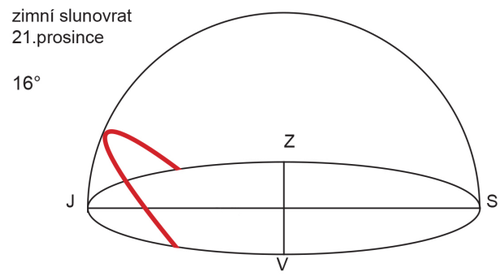
Na ostrově mě nejvíce zaujala jeho východní část, kde se nachází rozhlehlý park. Lidé sem chodí se projít či oddechnout. Ale co když začne déšť, v létě je horko, na jaře zima anebo moc fouká? Hlavním konceptem pavilonu je pobyt v přírodě s ohledem na počasí, denní dobu a roční období.

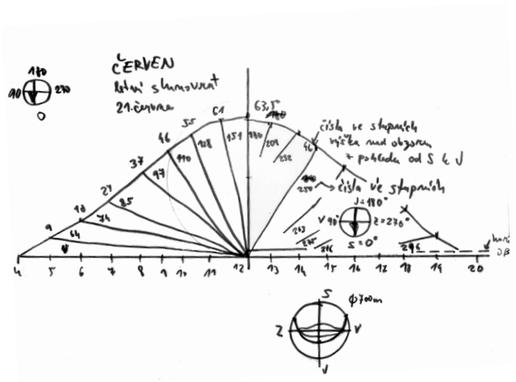
Studie dráhy Slunce po obloze mi pomohla najít místo a orientaci pavilonu. Třímetrový kopeček se zdál ideální varianta. Vytvářel výšku odpovídající jednomu podlaží. Pobytové schodiště jako propojovací prvek linoucí se po svahu nahoru umocňuje dynamiku pavilonu ve spojení s krajinou

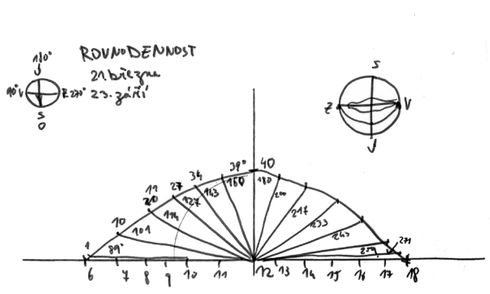


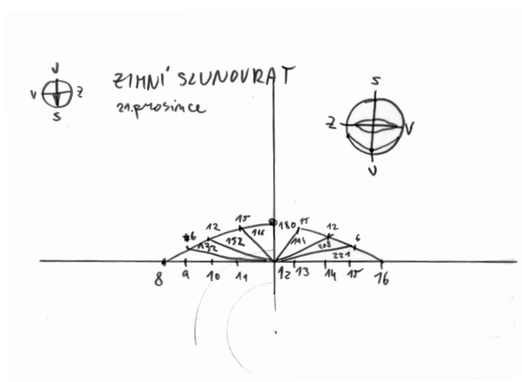


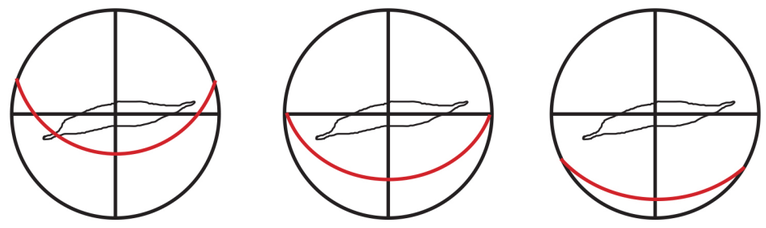








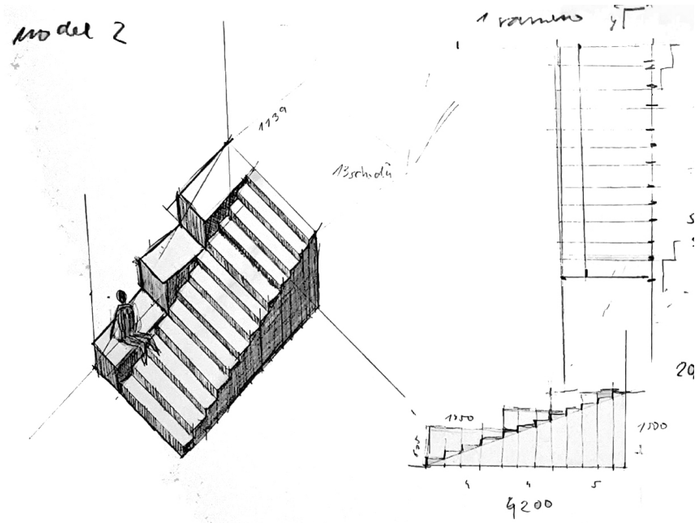




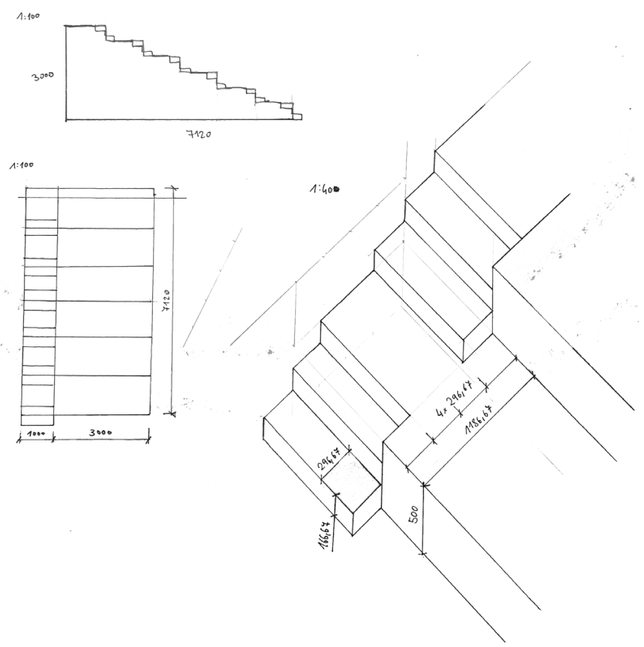
VÝVOJ KONCEPTU

Vždy jsem se držela nějaké půdorysové sítě, ve které byly vloženy pobytové schody.

1. varianta schodů

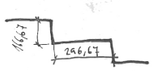


2. varianta schodů



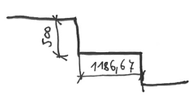
menší schodiště

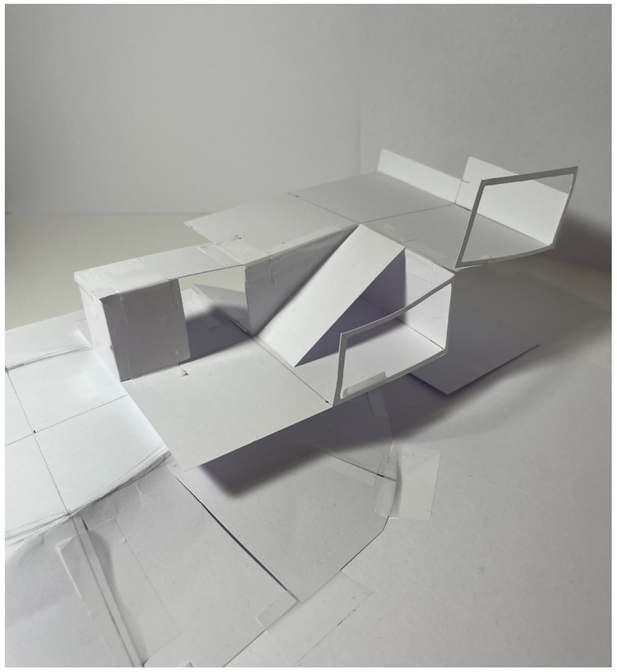
18 schodů 166,67 x 296,67



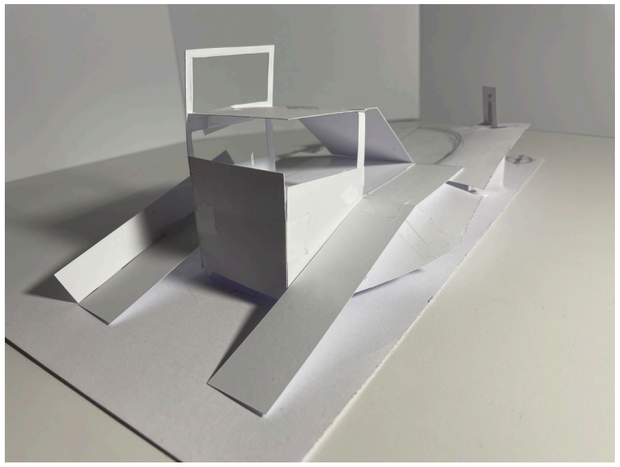
větší schodiště

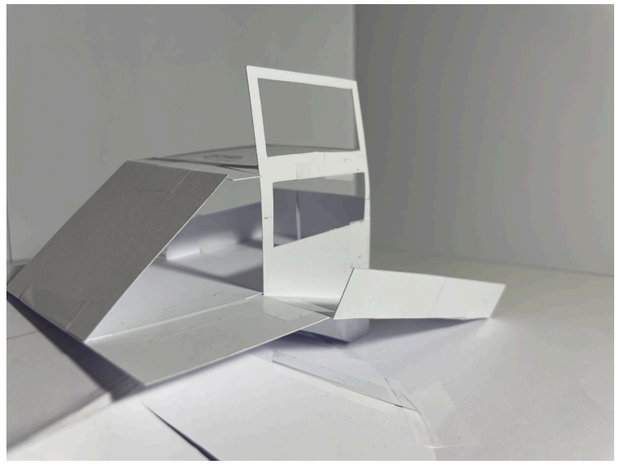
6 schodů 500 x 1186,67





1. varianta





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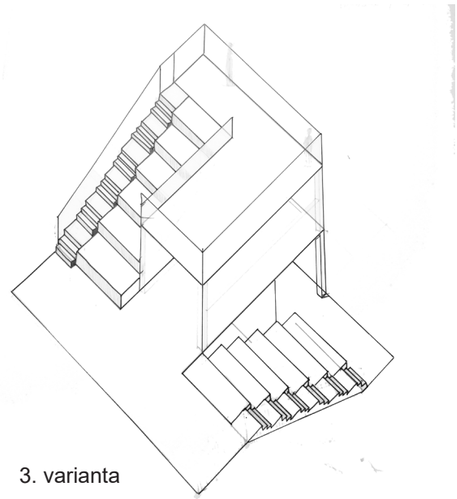
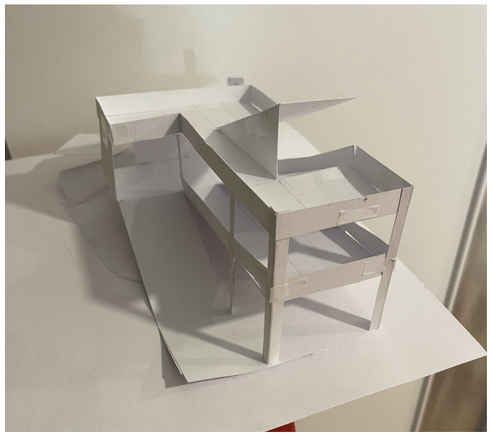
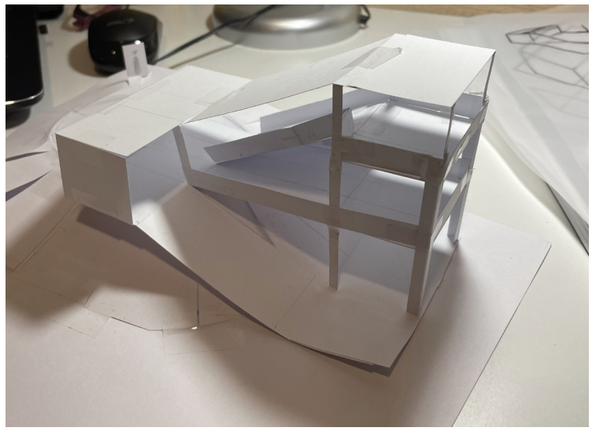


3. varianta

Nakonec jsem pavilon postupně o něco prodloužila, doplnila stříšku a zvýšila tak dynamiku pohybu. Výpočty druhé varianty schodů zůstaly. Pavilon má tedy tři podlaží pod kopcem a jedno na kopci.
Natočení lamel ve střeše a ve zdi v 1.NP tvoří v létě stín a v zimě paprsky proniknou dovnitř a přohřeji interiér.

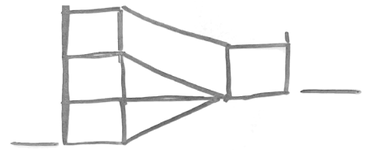


4. varianta



5. varianta

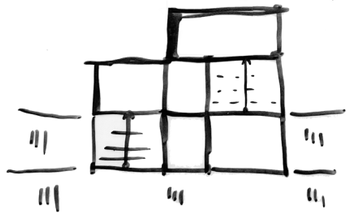
pohled ze západu



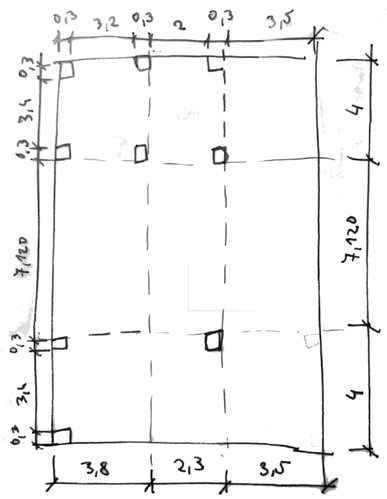
pohled z východu

pohled ze severu

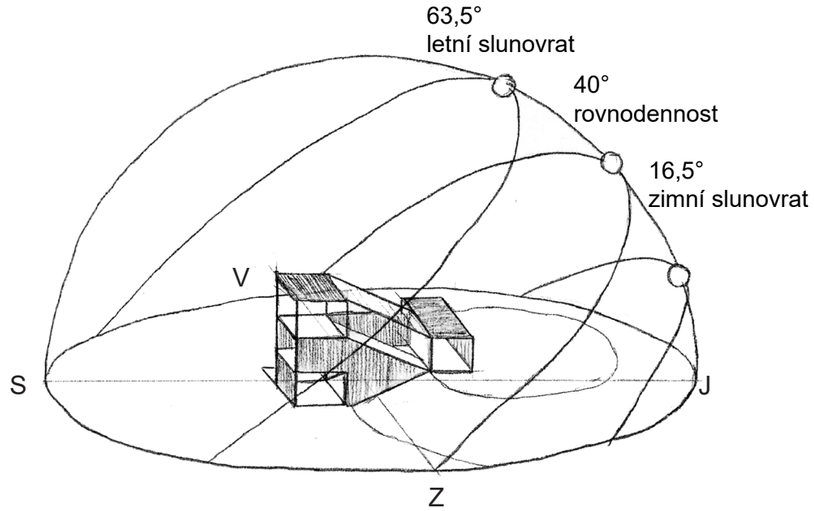
pohled z jihu



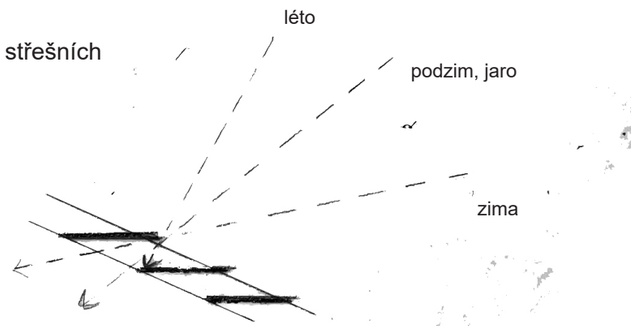
modulová síť
15,12m x 9,6 m = 145,152 m^2

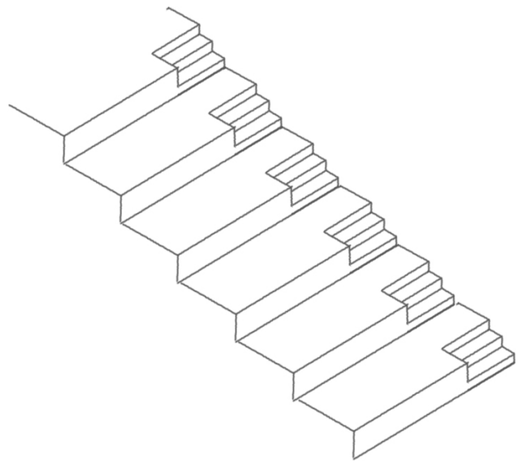


DRÁHA SLUNCE PO OBLOZE



Detail střešních lamel





FINÁLNÍ NÁVRH

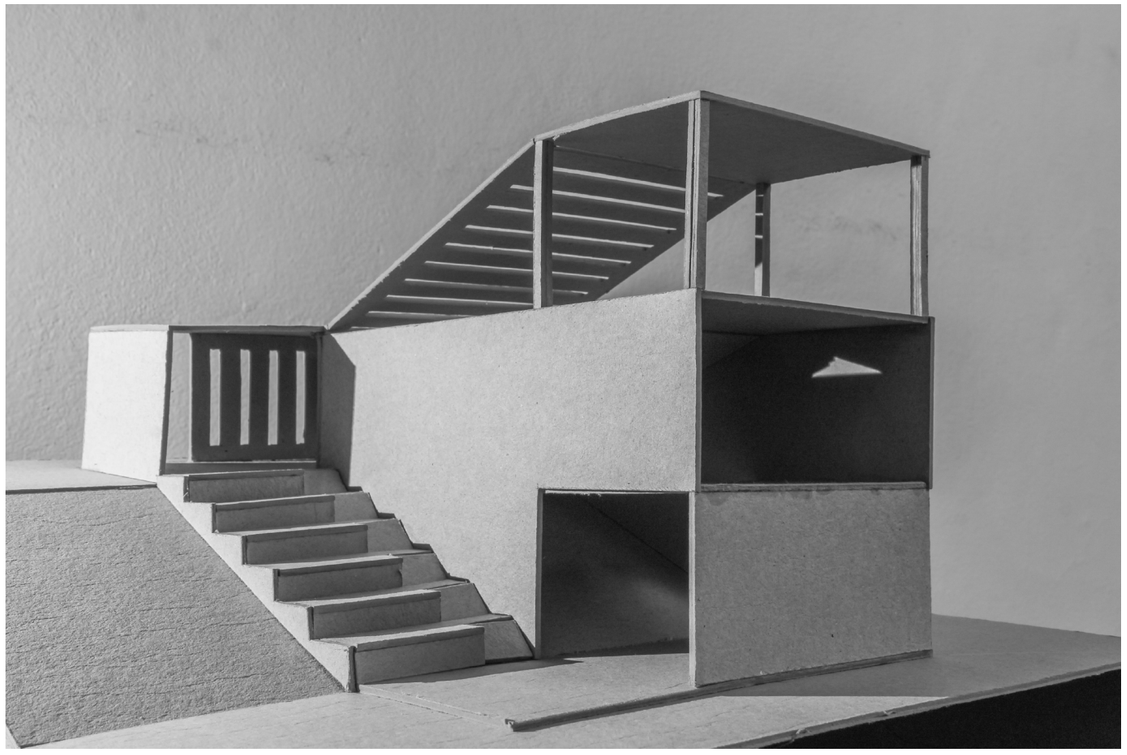
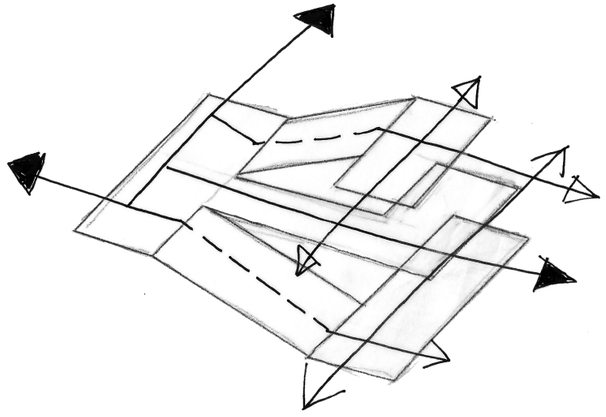
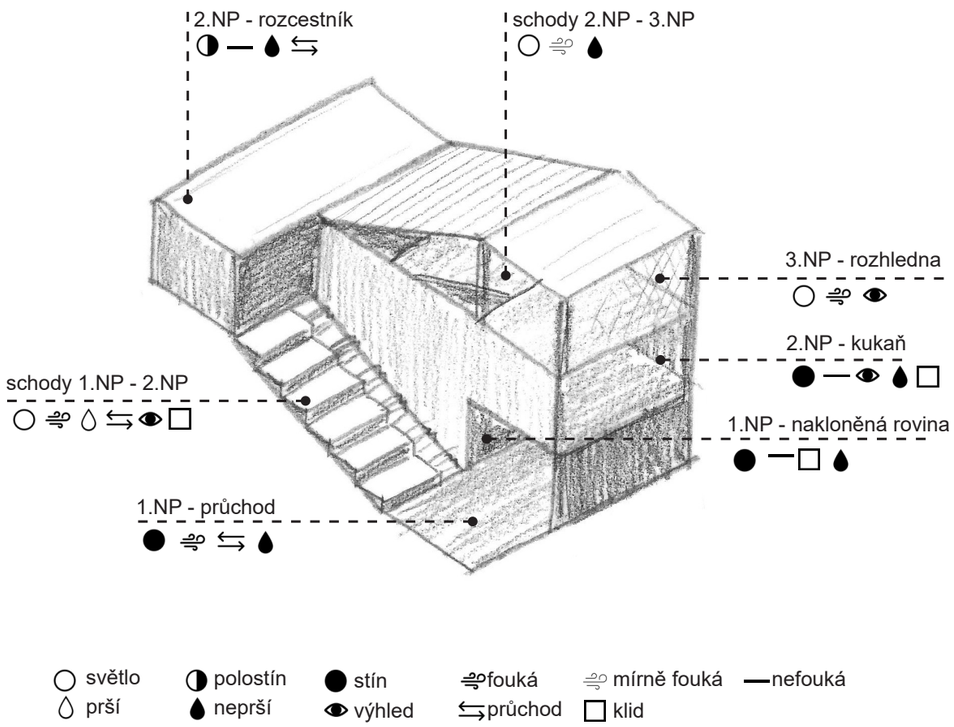
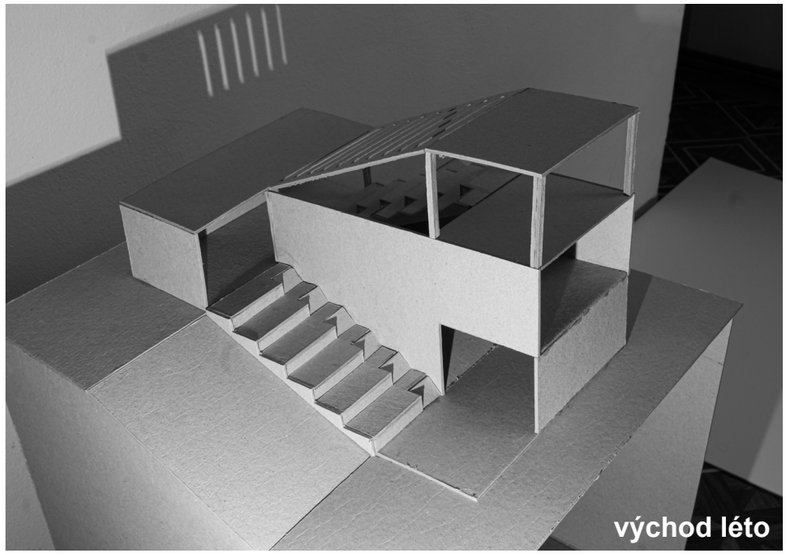


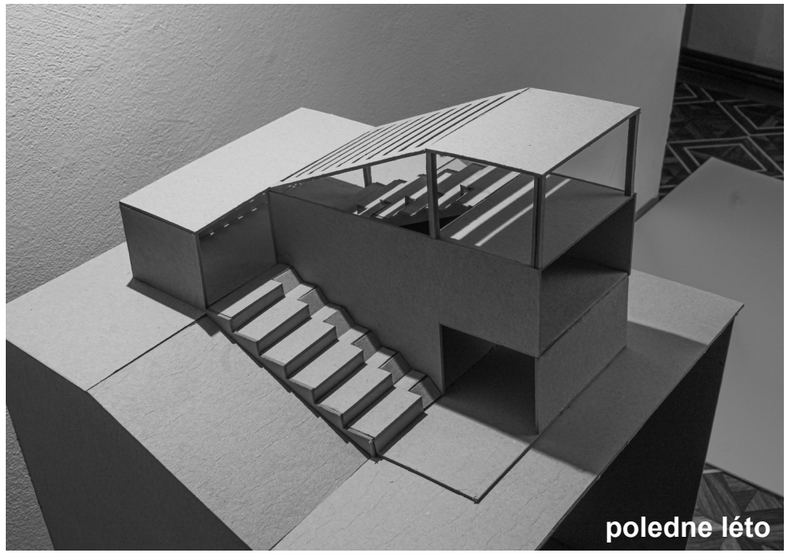
SCHÉMA POHYBU



PROSTORY




východ léto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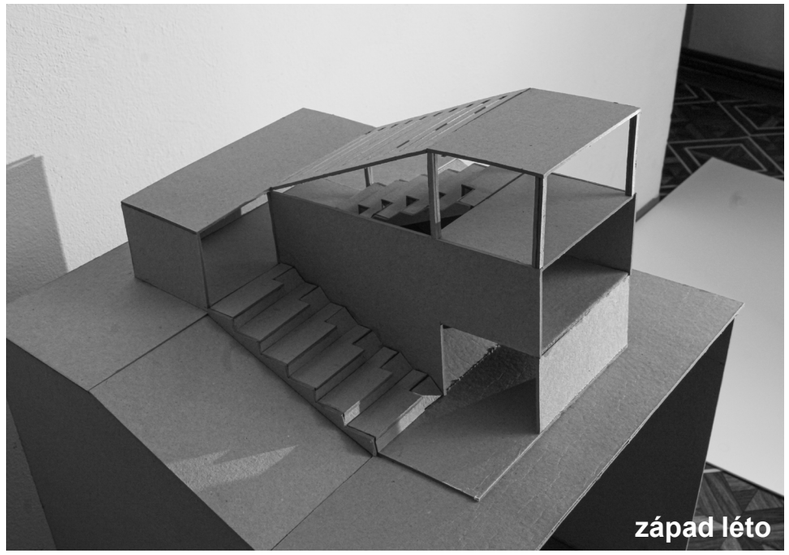
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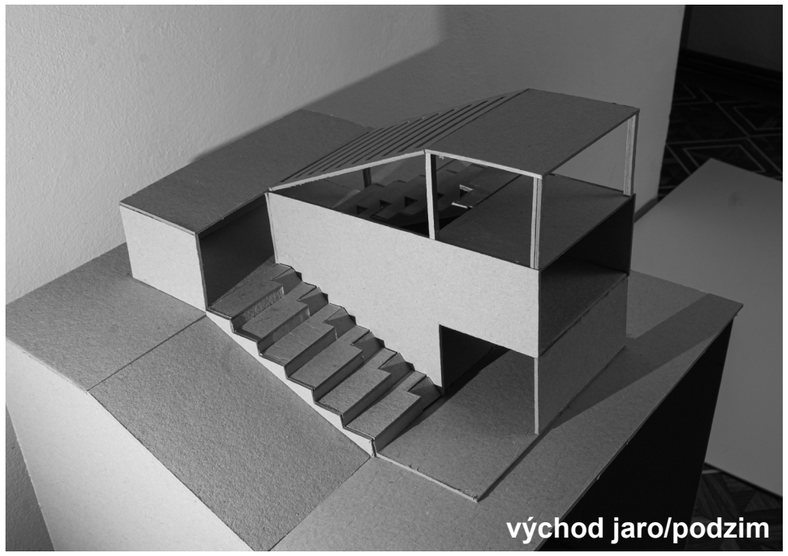
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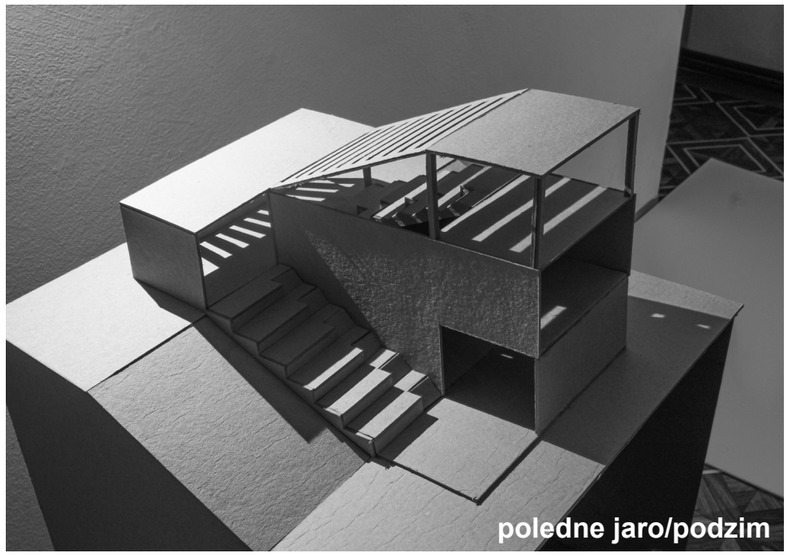
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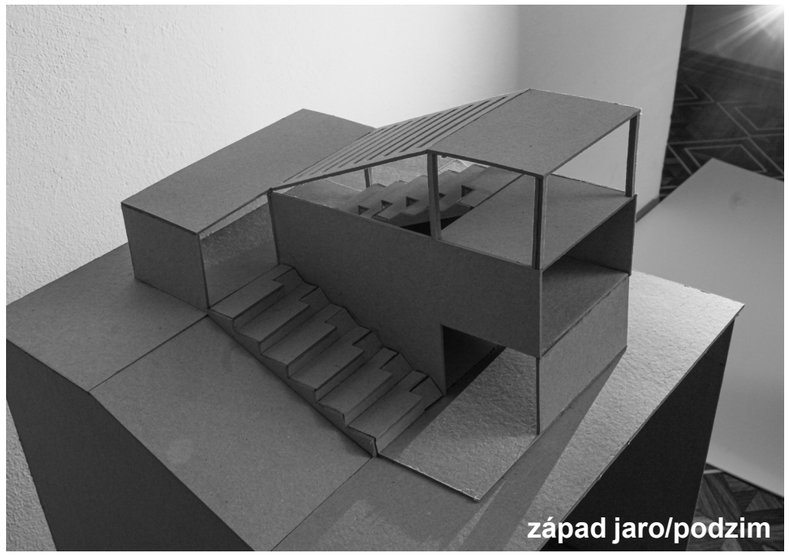
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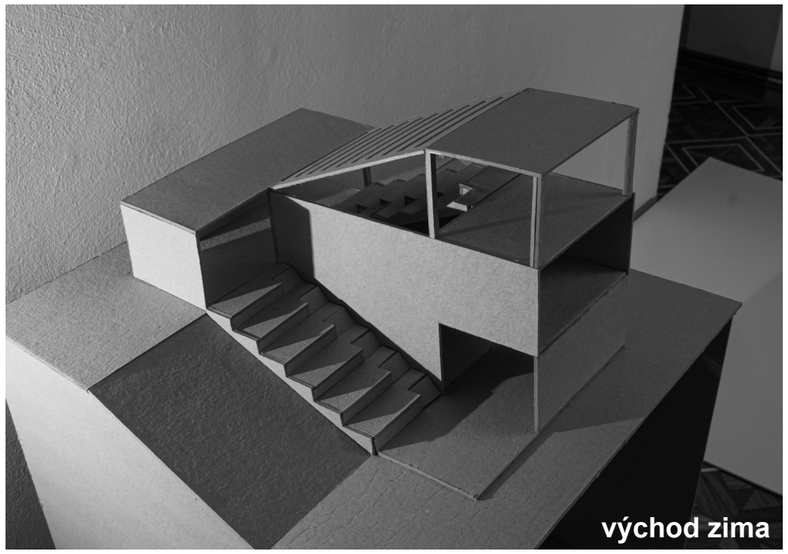
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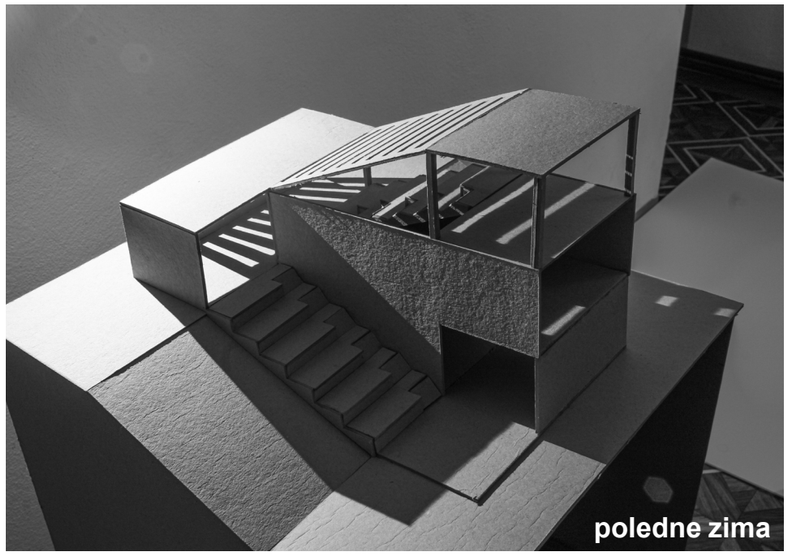
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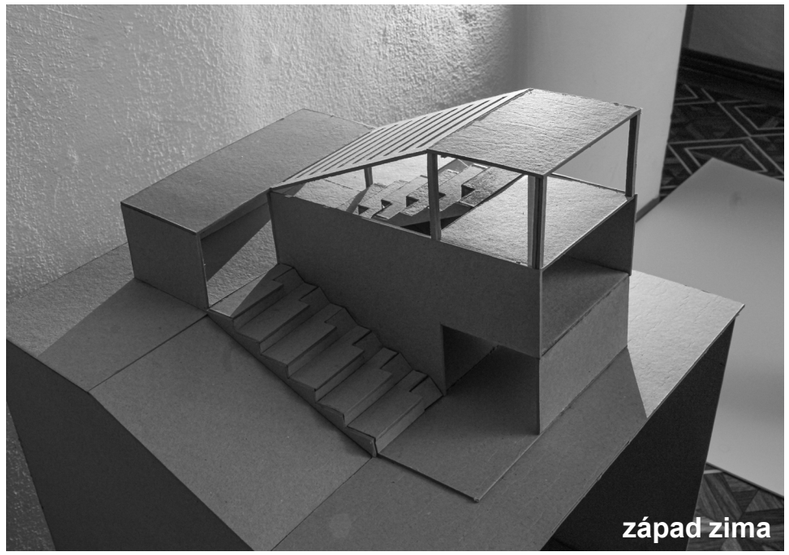
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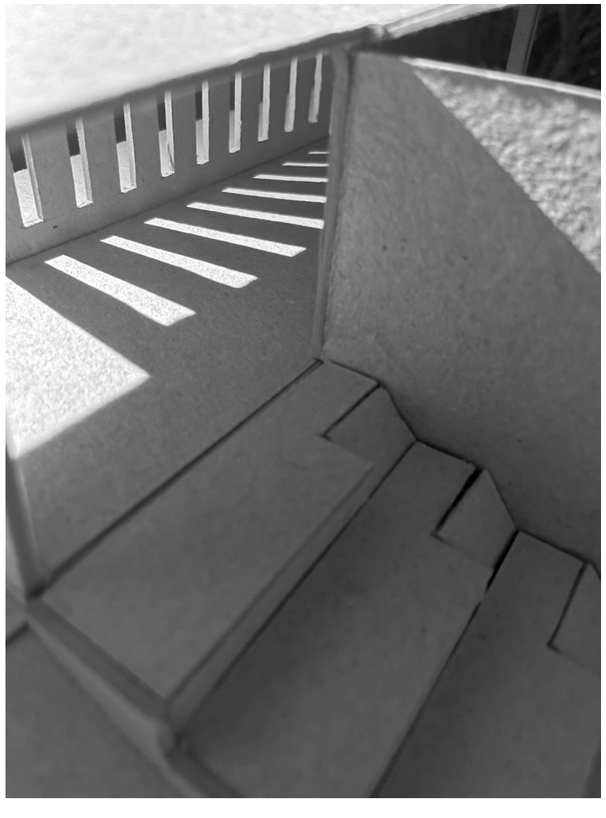
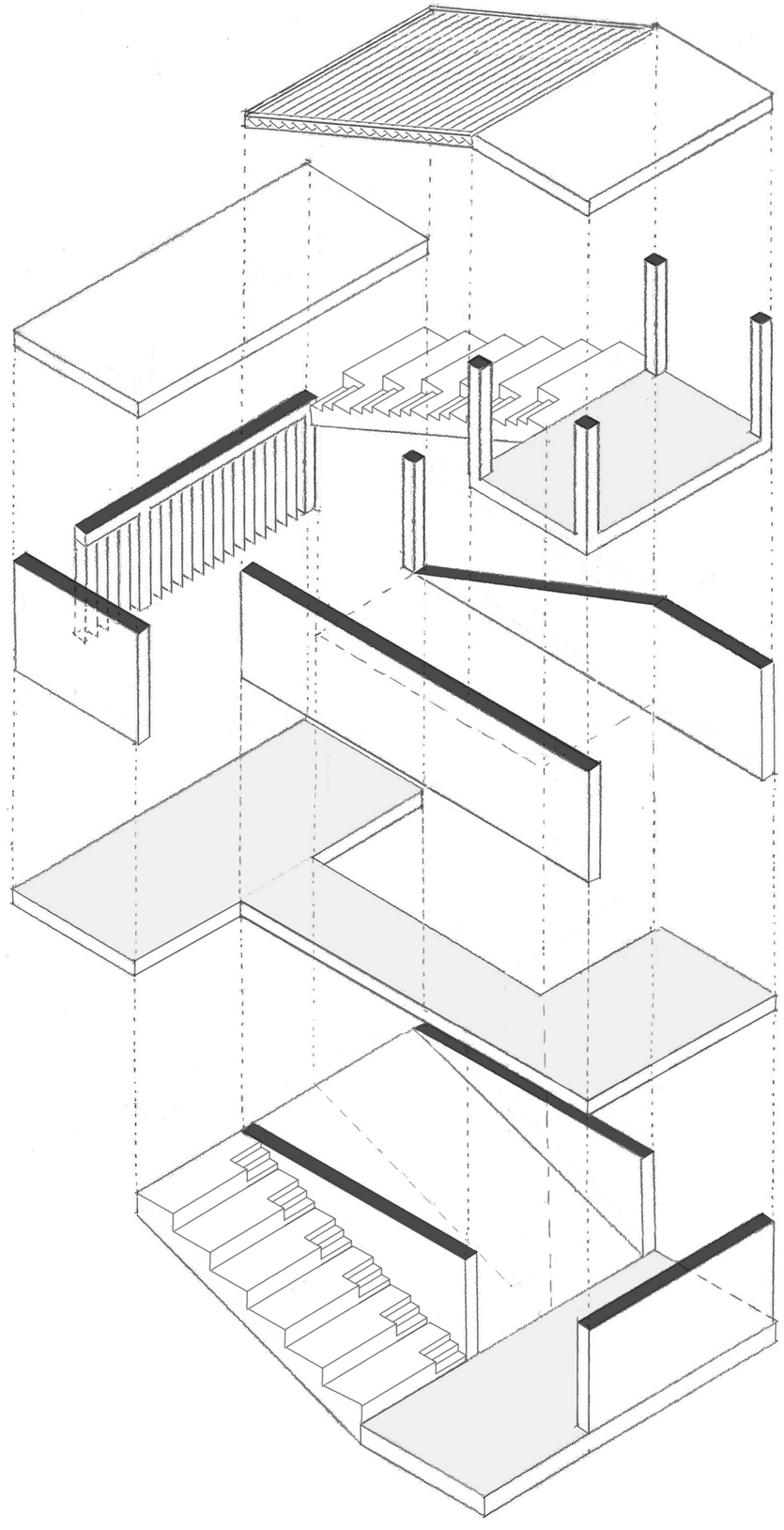


ROZLOŽENÁ AXONOMETRIE

sklo a lamely
na střeše

slunolamy
dřevěné

dřevěný obklad
pobytových
schodů



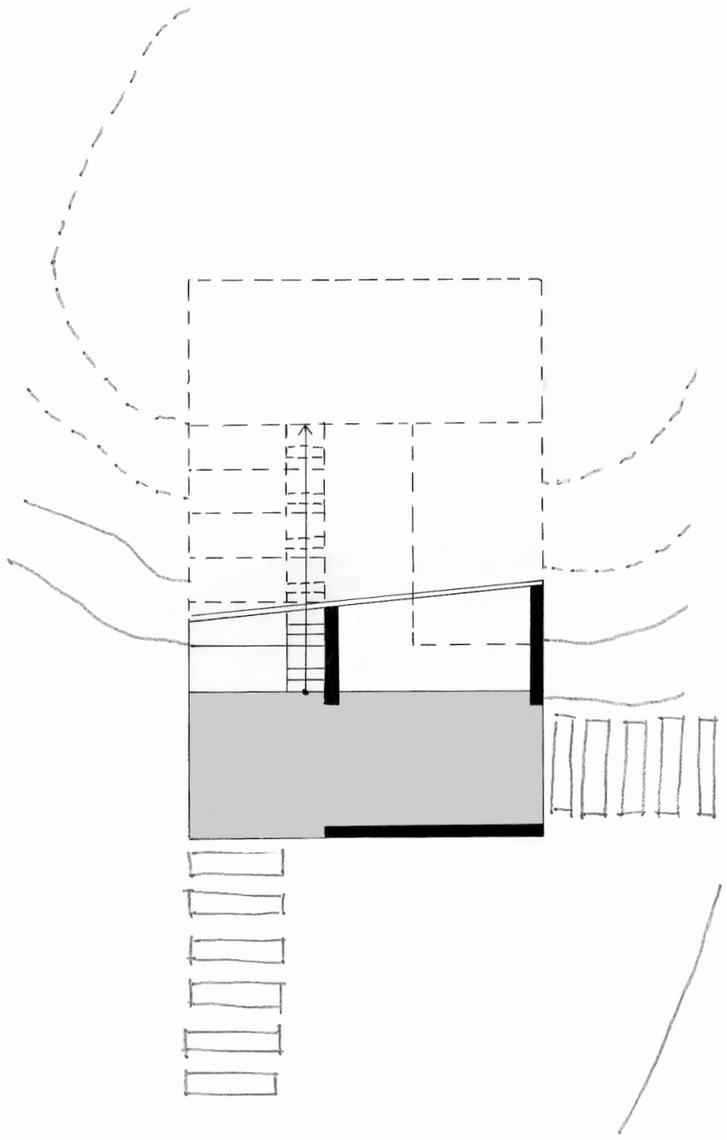
beton

síť

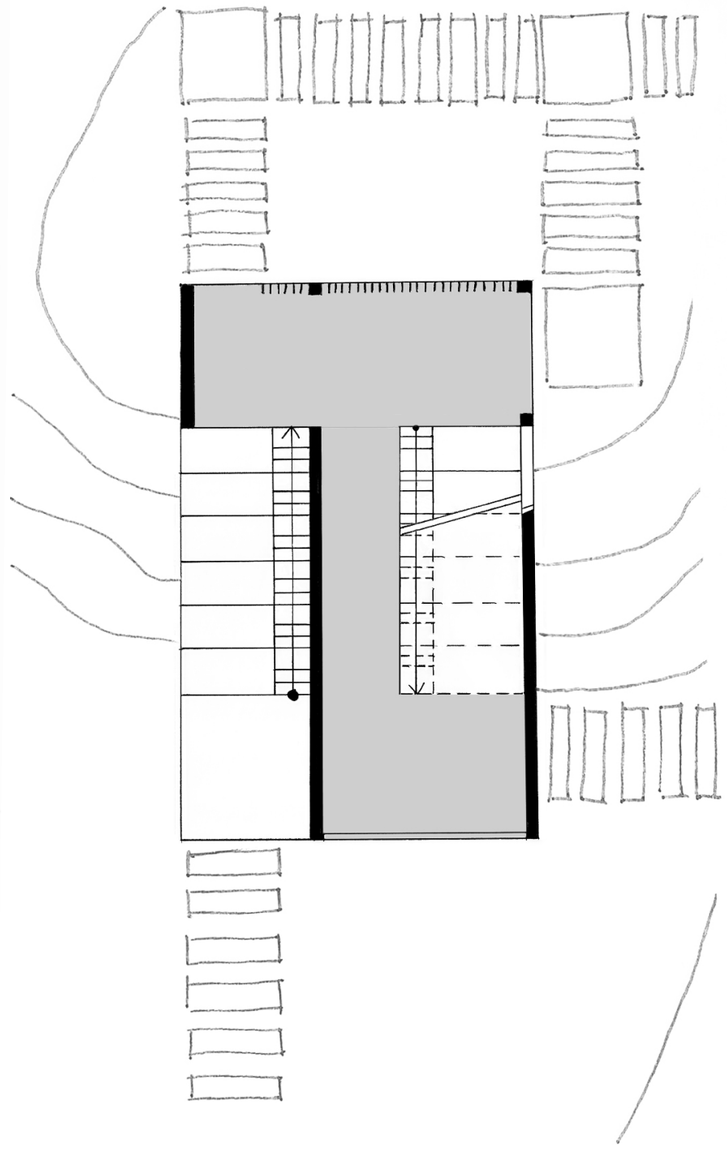
sklo

PŮDORYSY

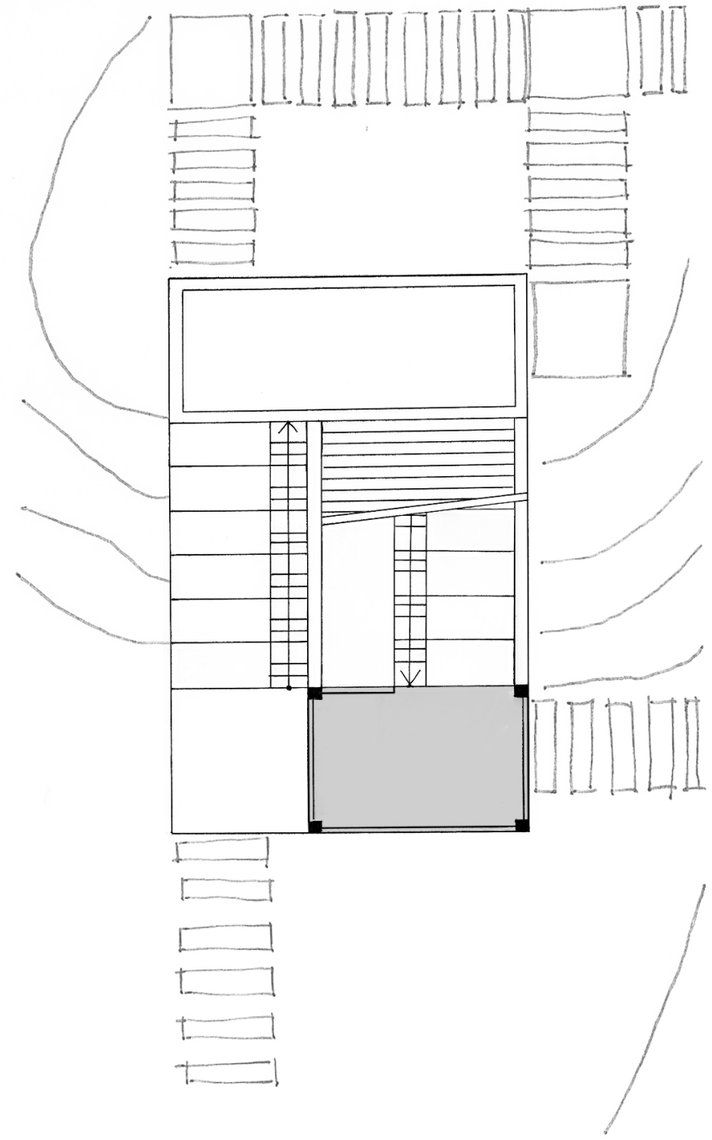
2



1. NP

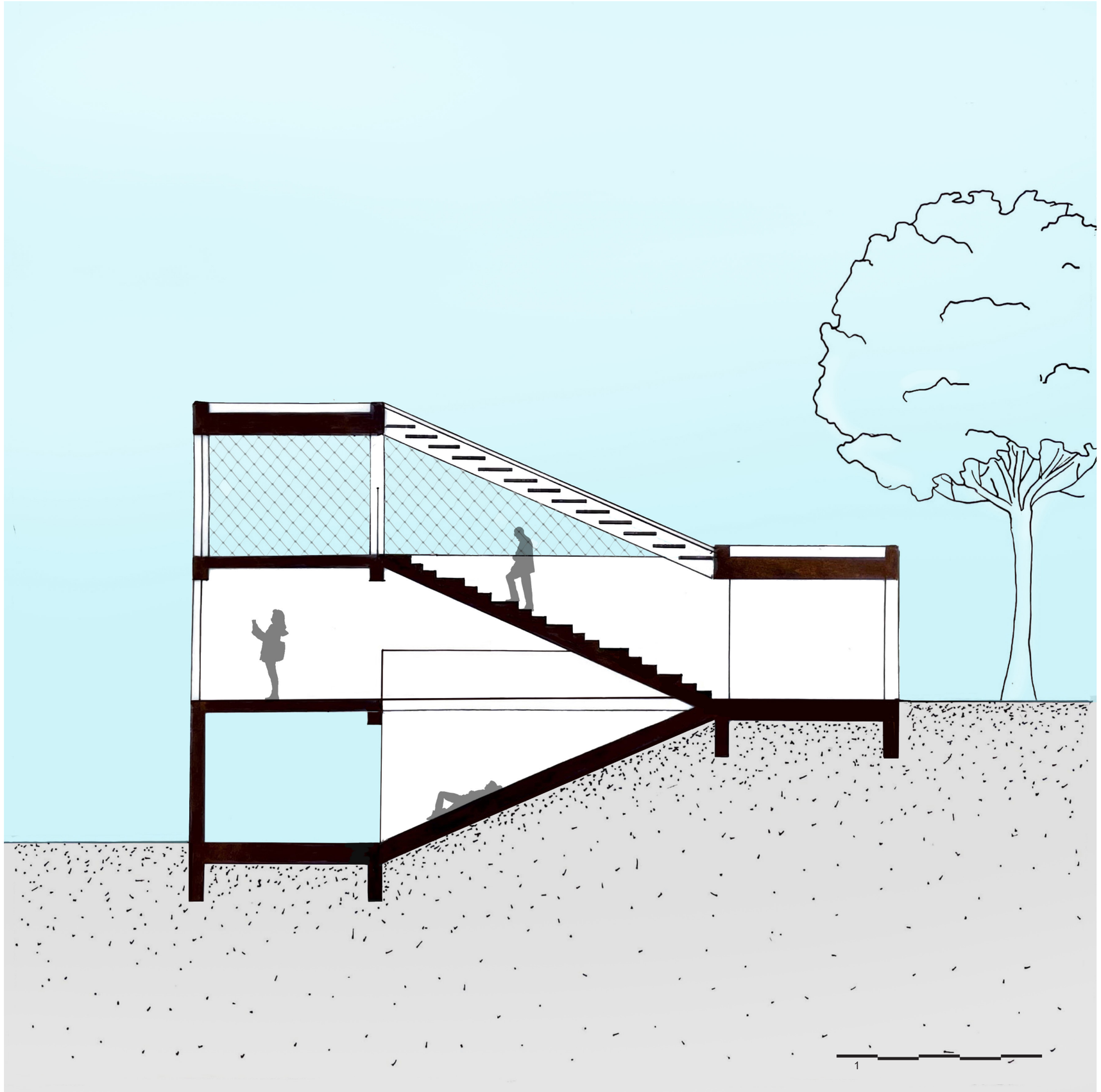


2. NP

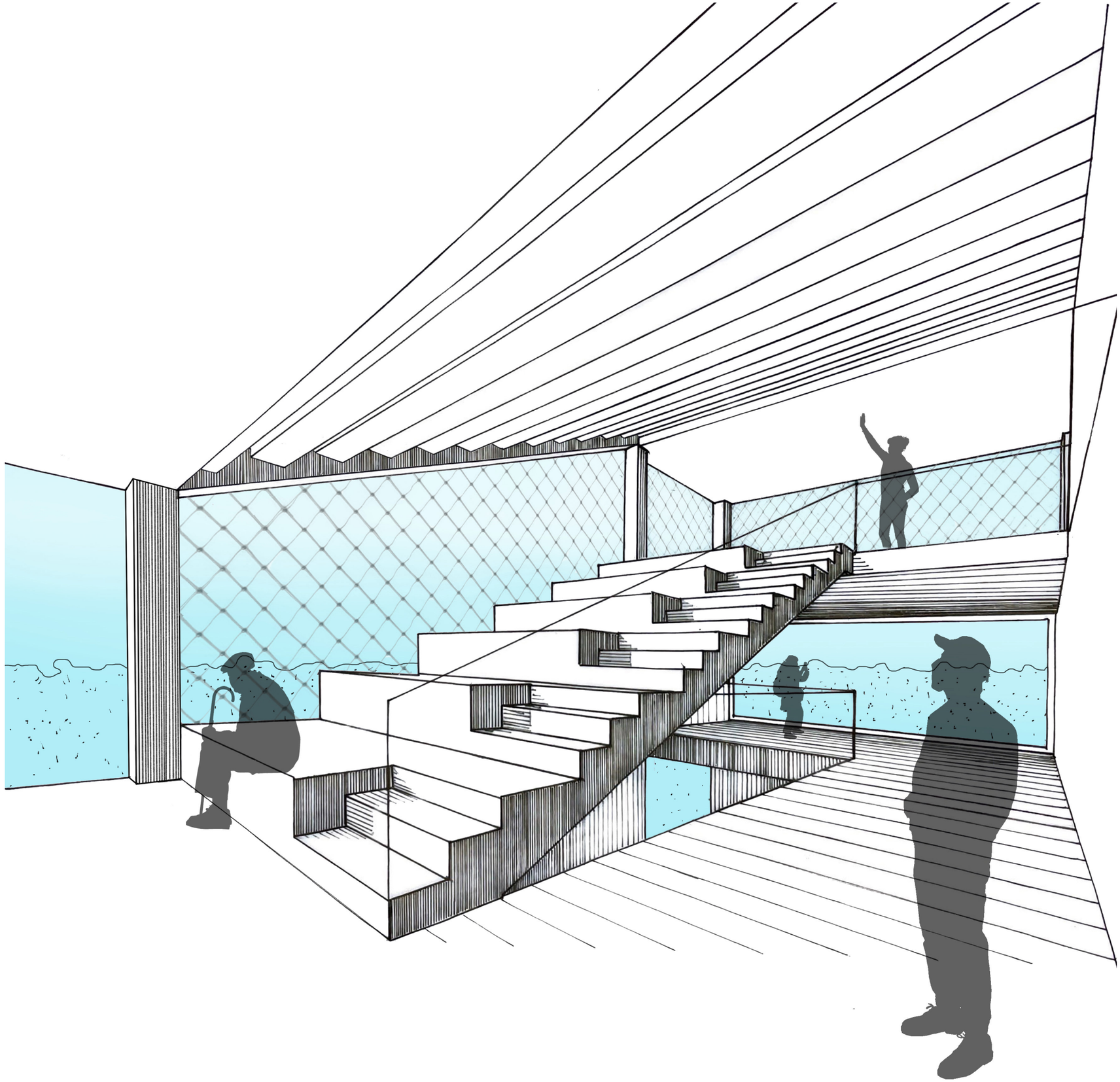
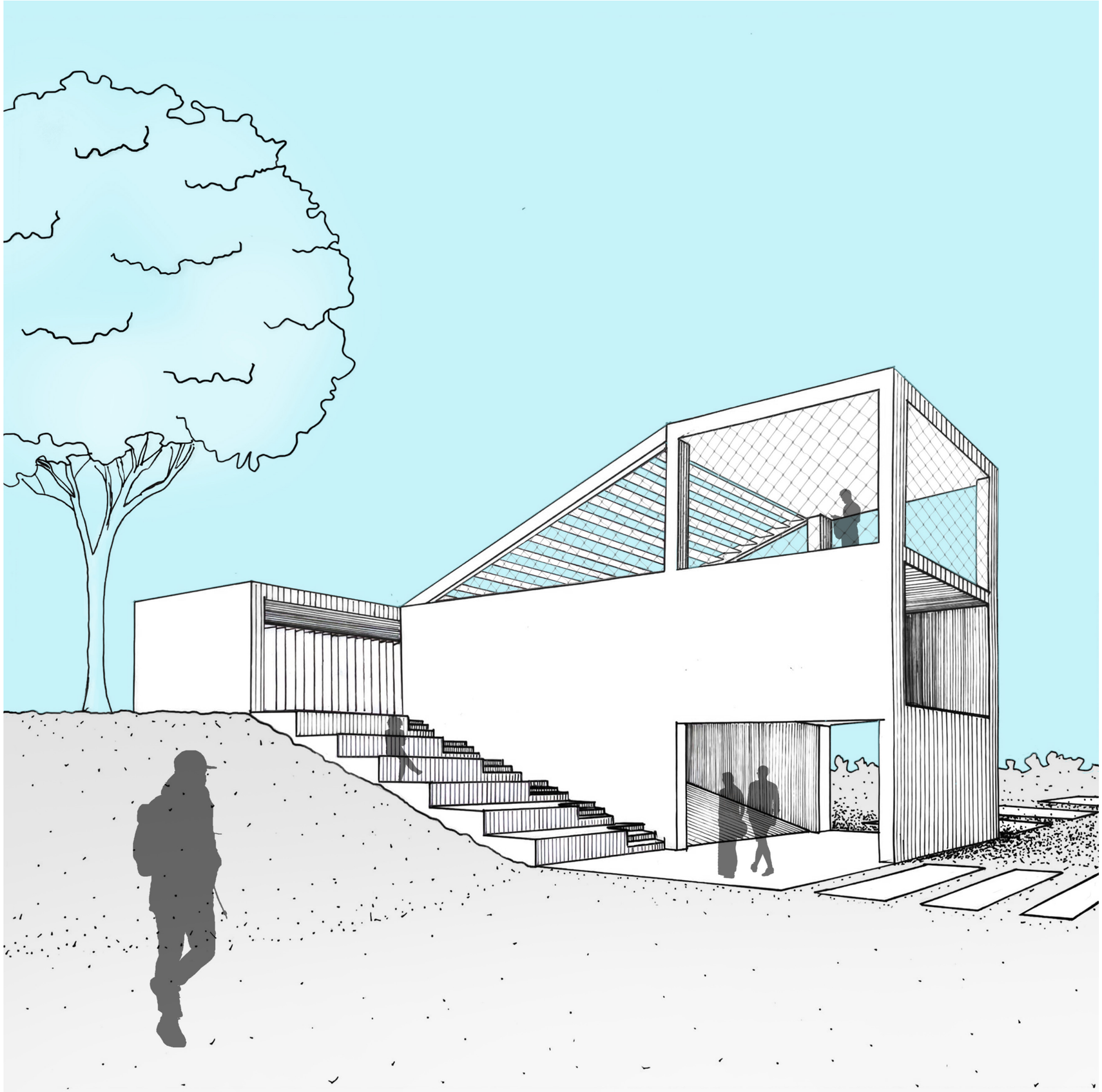


3.NP

ŘEZ



INTERIÉR



EXTERIÉR