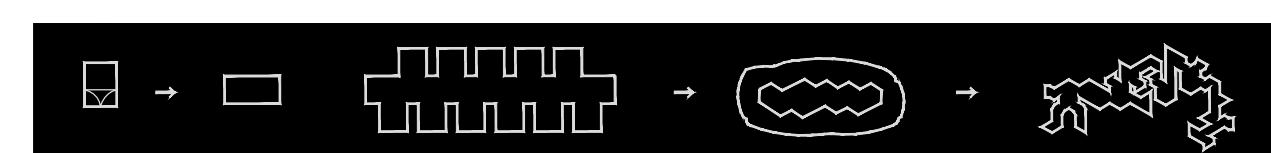
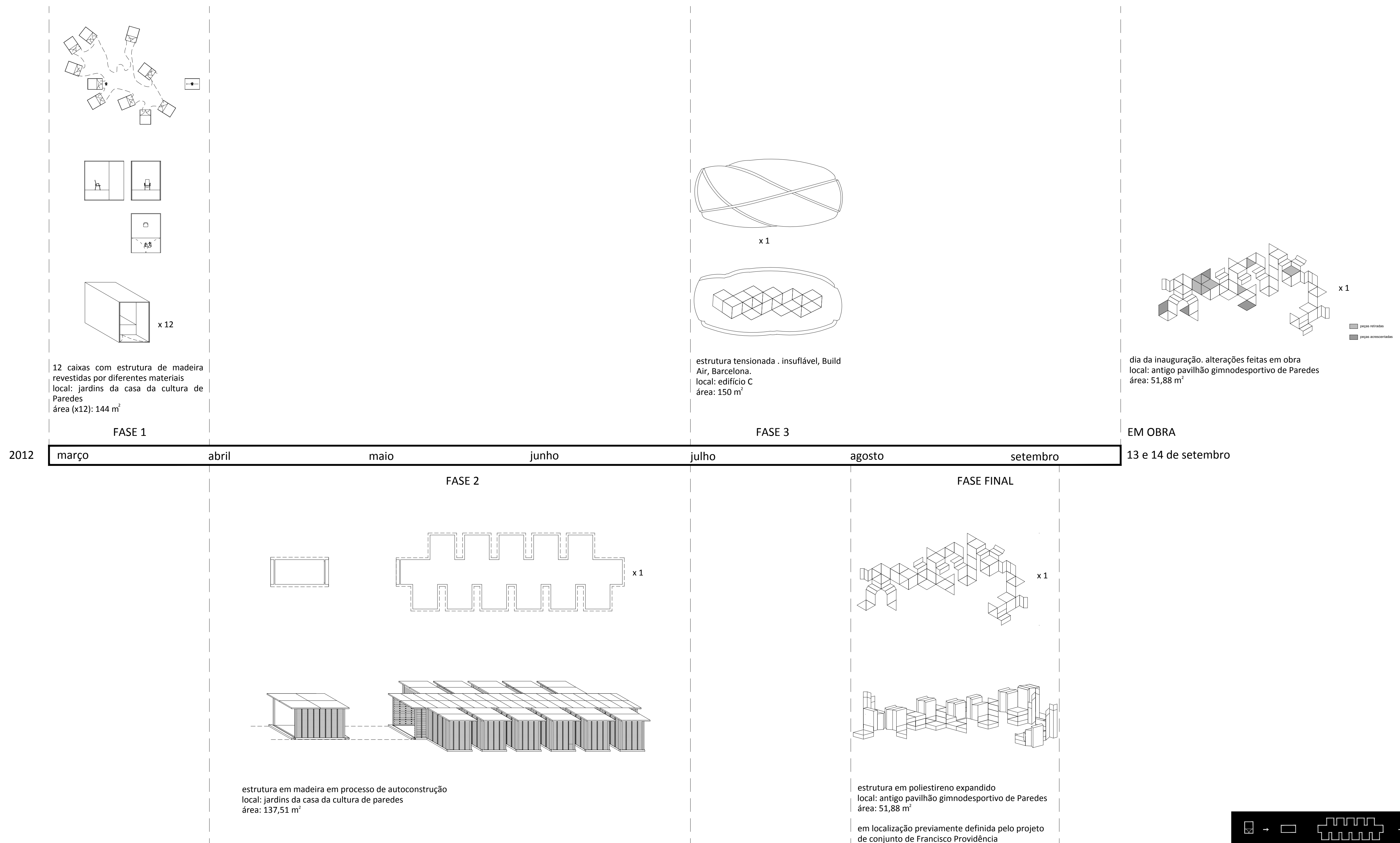
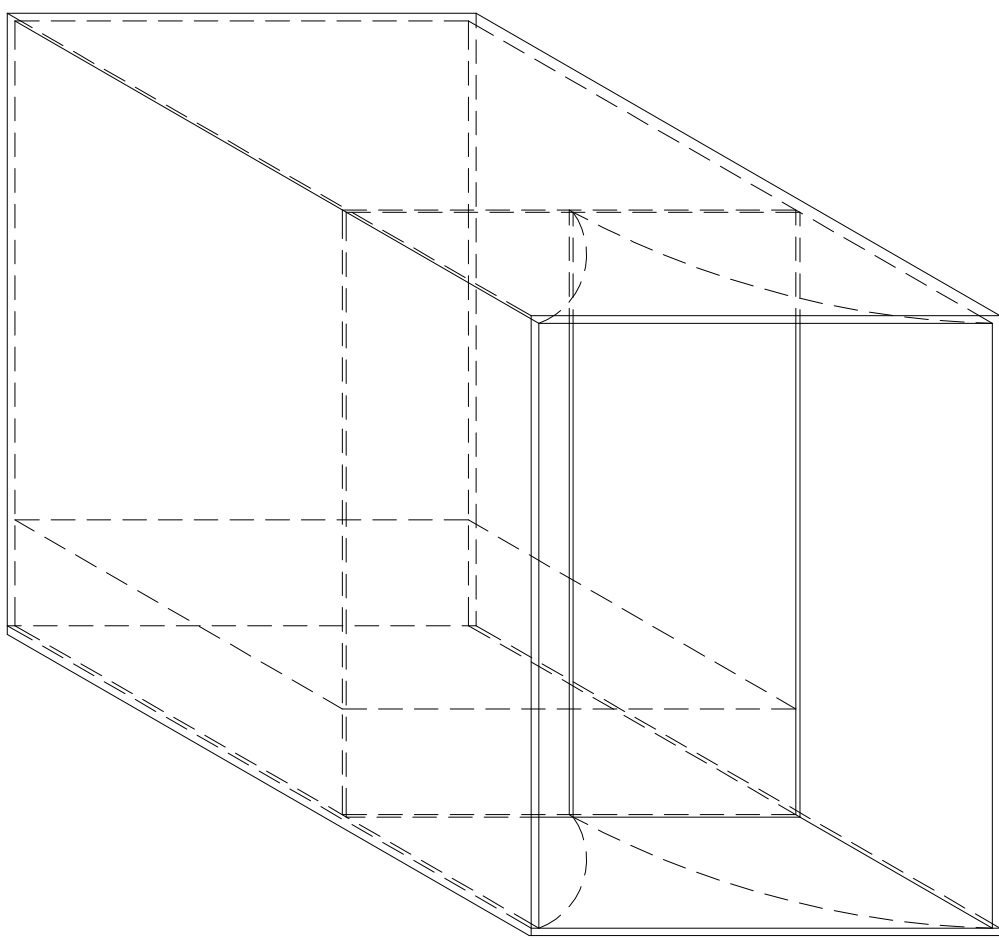
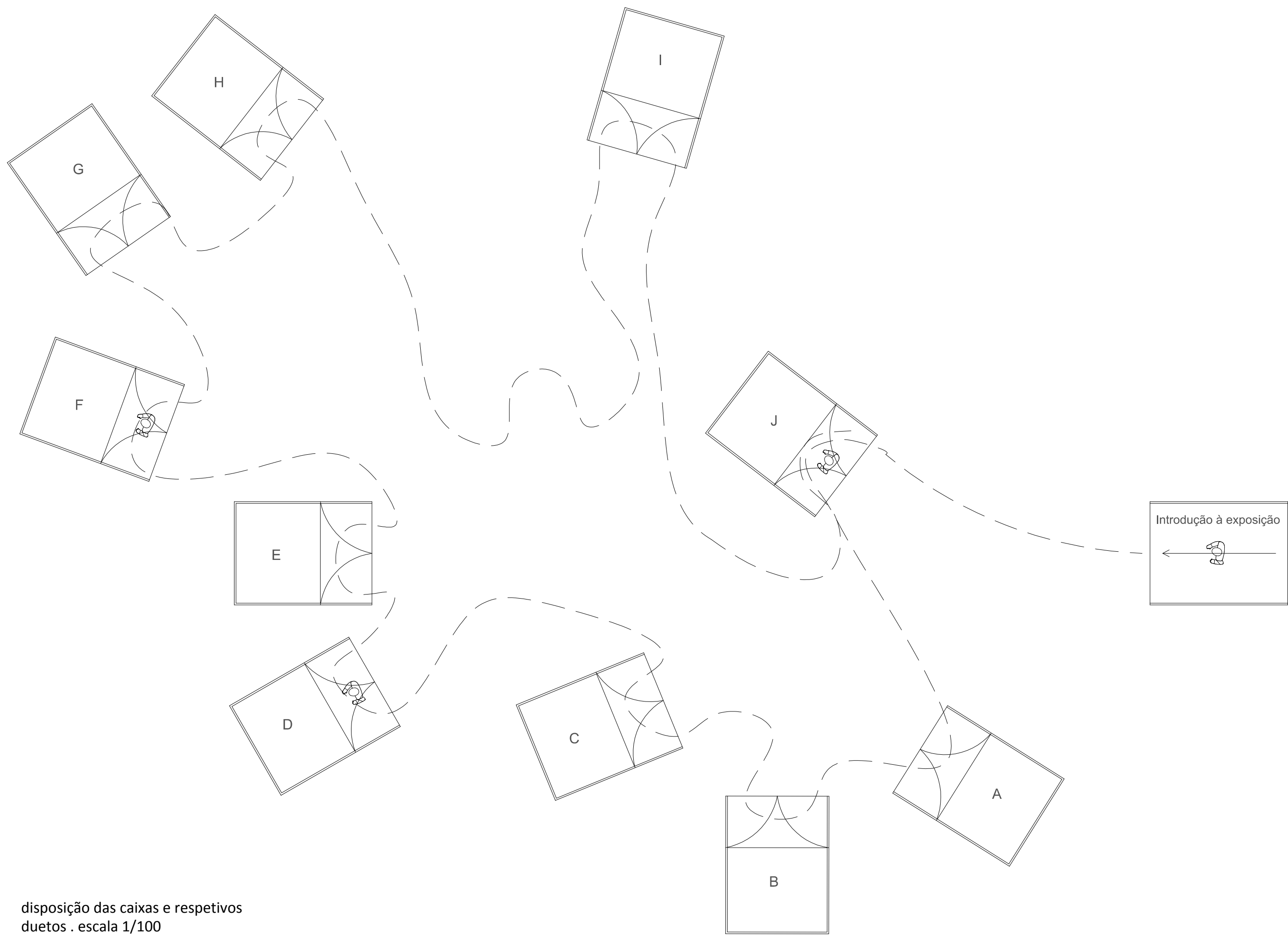
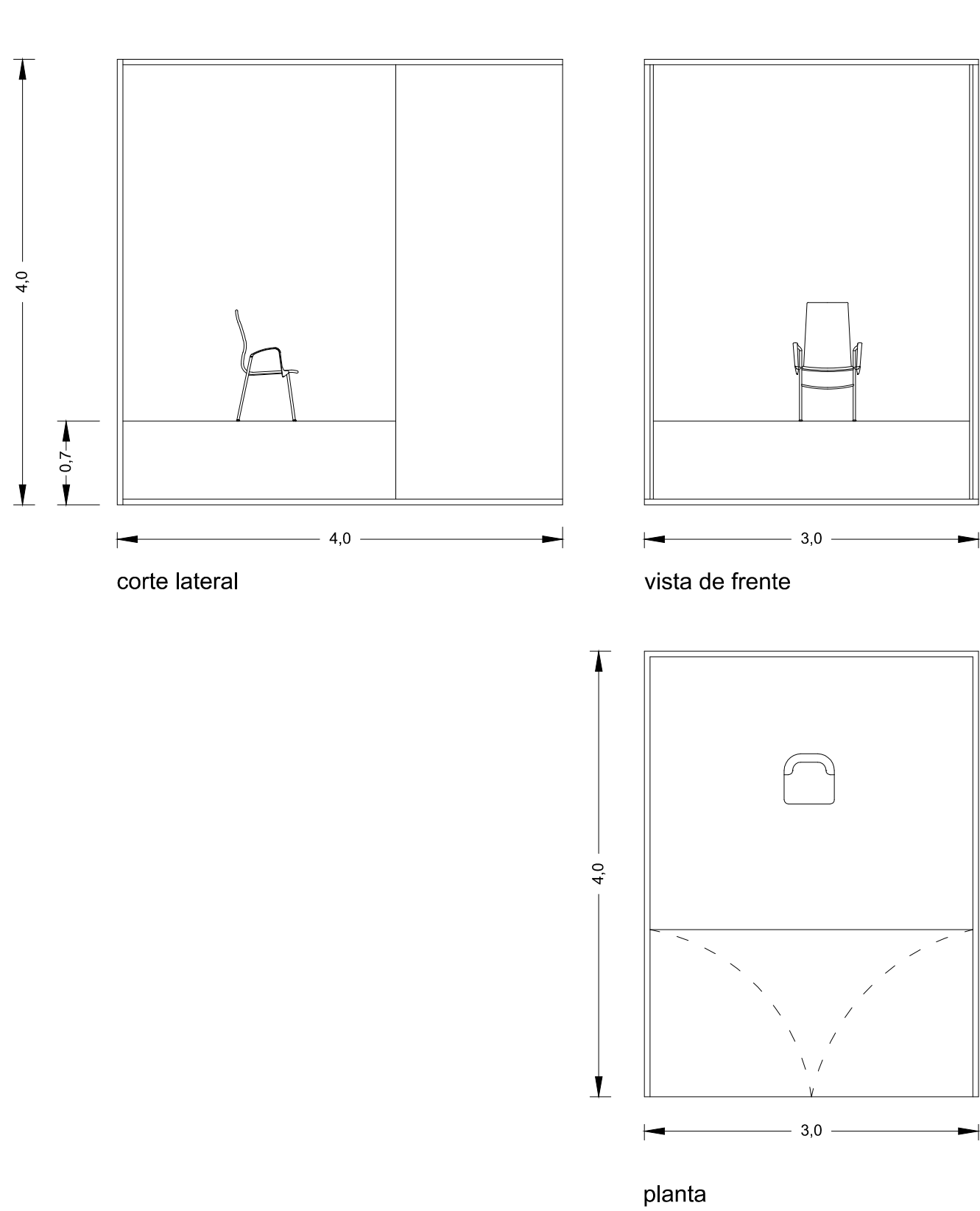


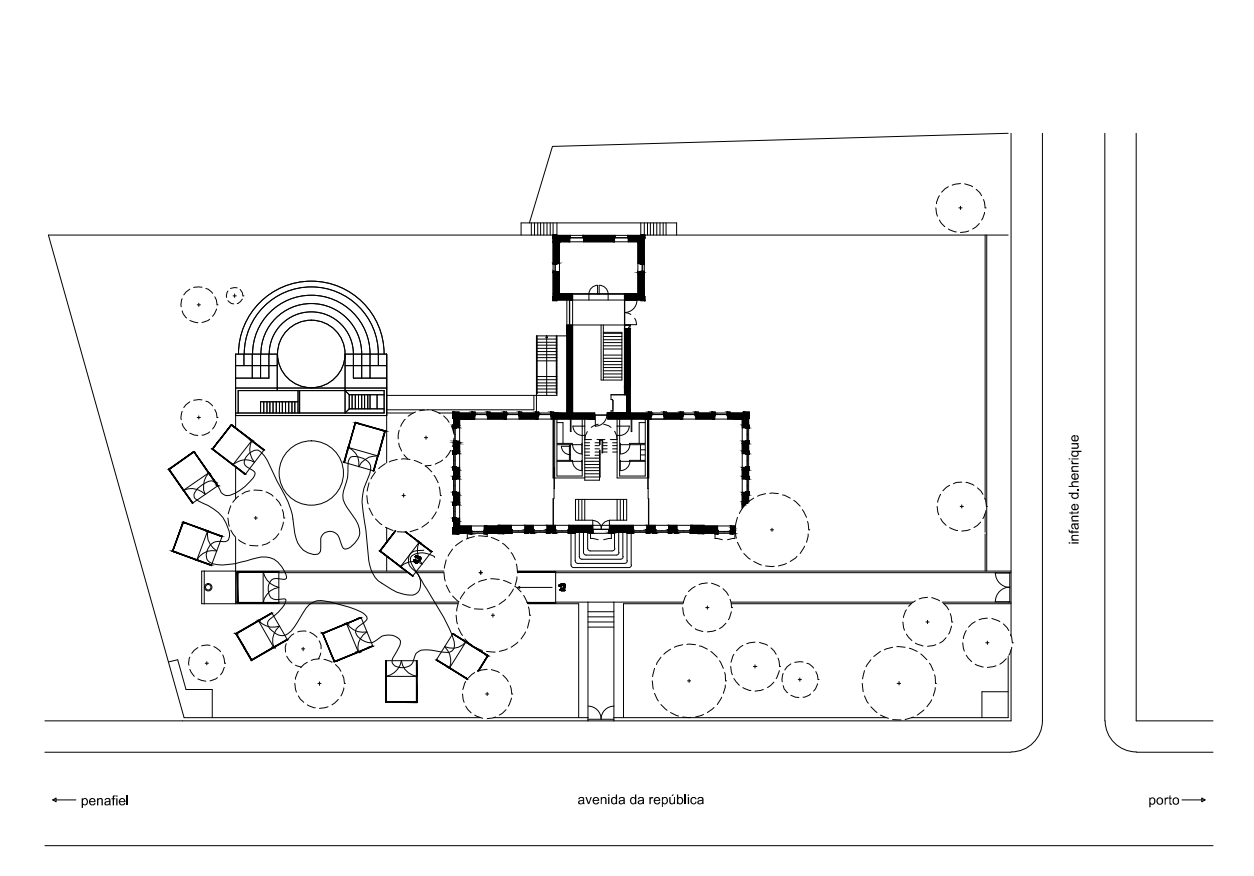
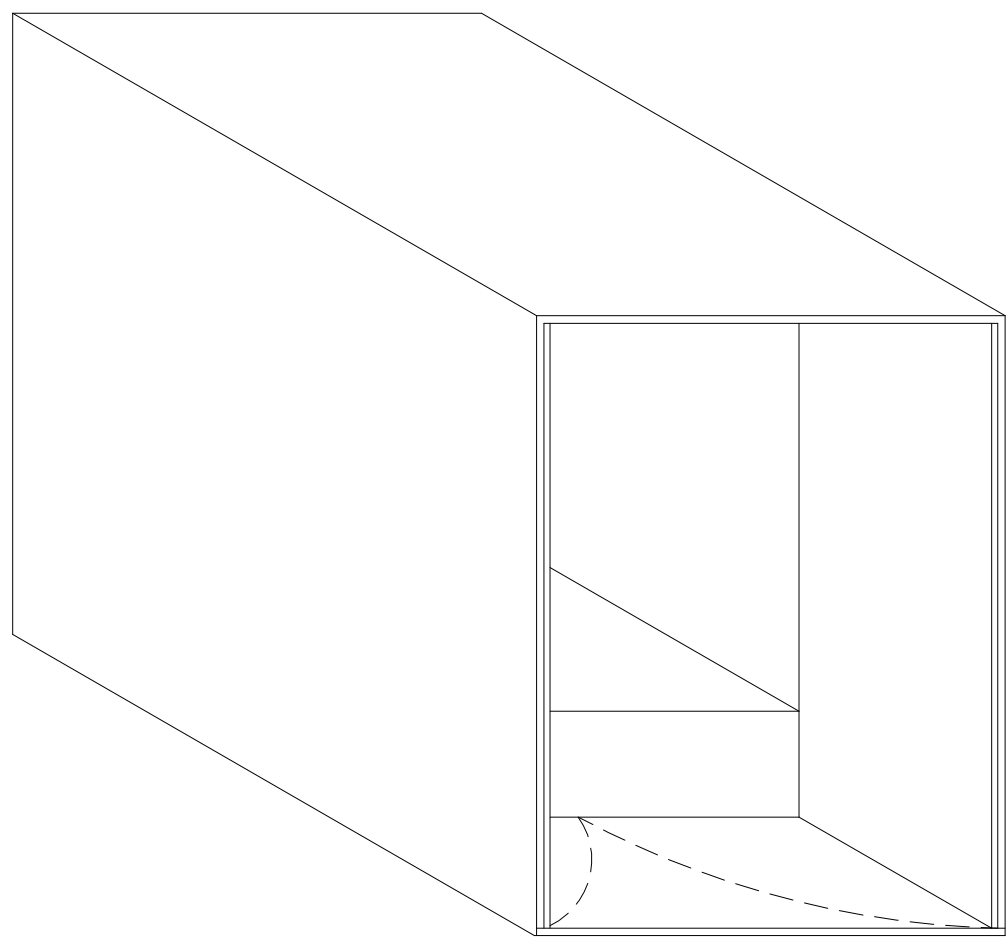
Cronologia das diferentes fases de projeto para a instalação da exposição *Duets*



Fase de projeto 1



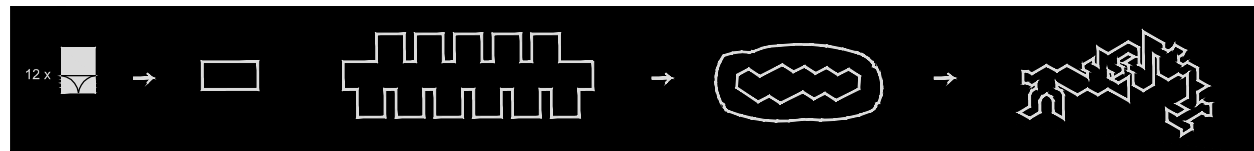
axonometria com sistema construtivo metálico e placas de contraplacado



localização . jardins da casa da cultura de Paredes

Materiais propostos para o revestimento de cada habitáculo:

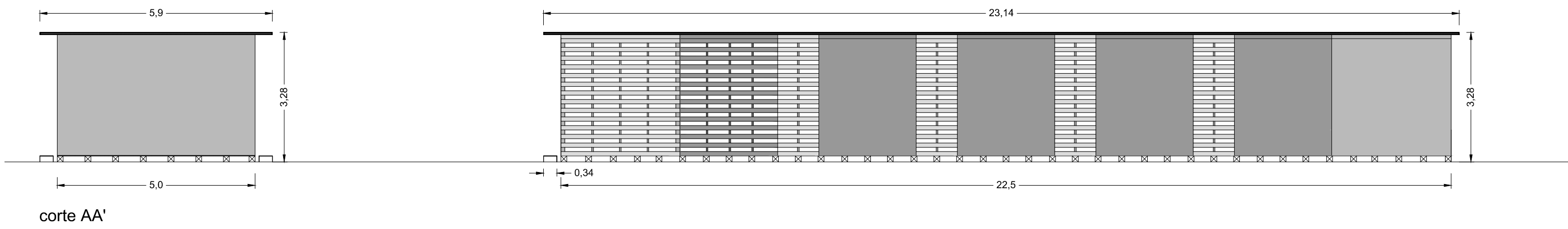
- A - Cristiano Ronaldo - esferovite dourada (ideia de sucesso efémero)
- B - Mariza - estrutura pintada de preto com motivos dourados e trabalhados, interior forrado a espelho (desmultiplicações)
- C - Mia Couto - jardim vertical ou cana-de-açúcar (origens)
- D - Ramos Horta - osb, paletes ou cortiça (ideia de desmaterialização, material pobre)
- E - Maria Bethânia - policarbonato translúcido com iluminação (importância da luz, a não utilização do preto)
- F - Eduardo Souto Moura - espelho (camuflagem, o passar despercebido, atitude minimalista)
- G - Cavaco Silva - mármore branco ou granito (austeridade)
- H - Manuel de Oliveira - ambiente escuro (vida retirada das luzes da ribalta)
- I - Luciano Benetton - licras de cor (cor, rebeldia, ousadia)
- J - Muhammad Yunus - estrutura pintada de branco) nobel da paz



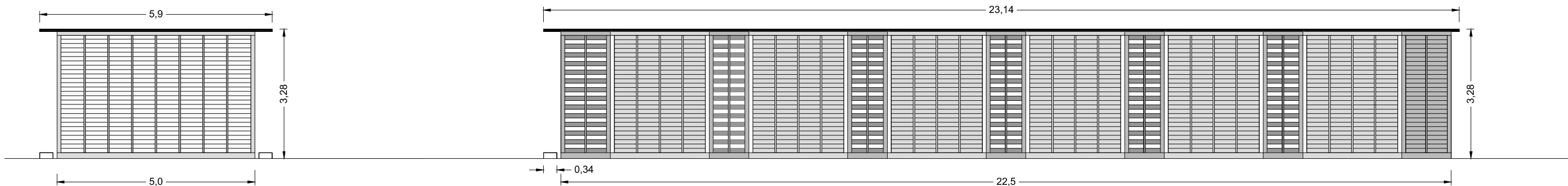
ESAD mónica couto 11707 2011/2012	escala 1.50	2
tese de mestrado em design de interiores	contagem m	
duets exposição - art on chairs		
desenhos técnicos e ilustrados . Fase de projeto 1		

Fase de projeto 2

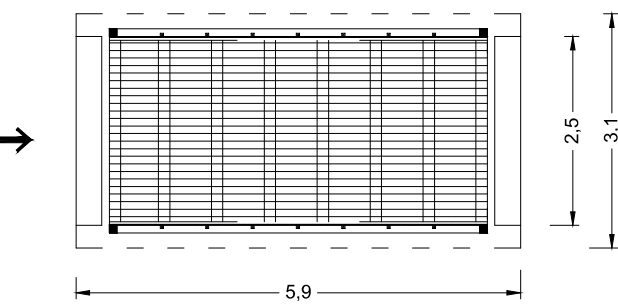
desenhos técnicos



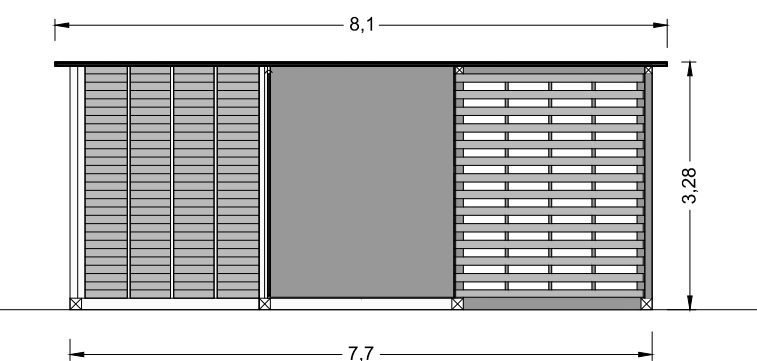
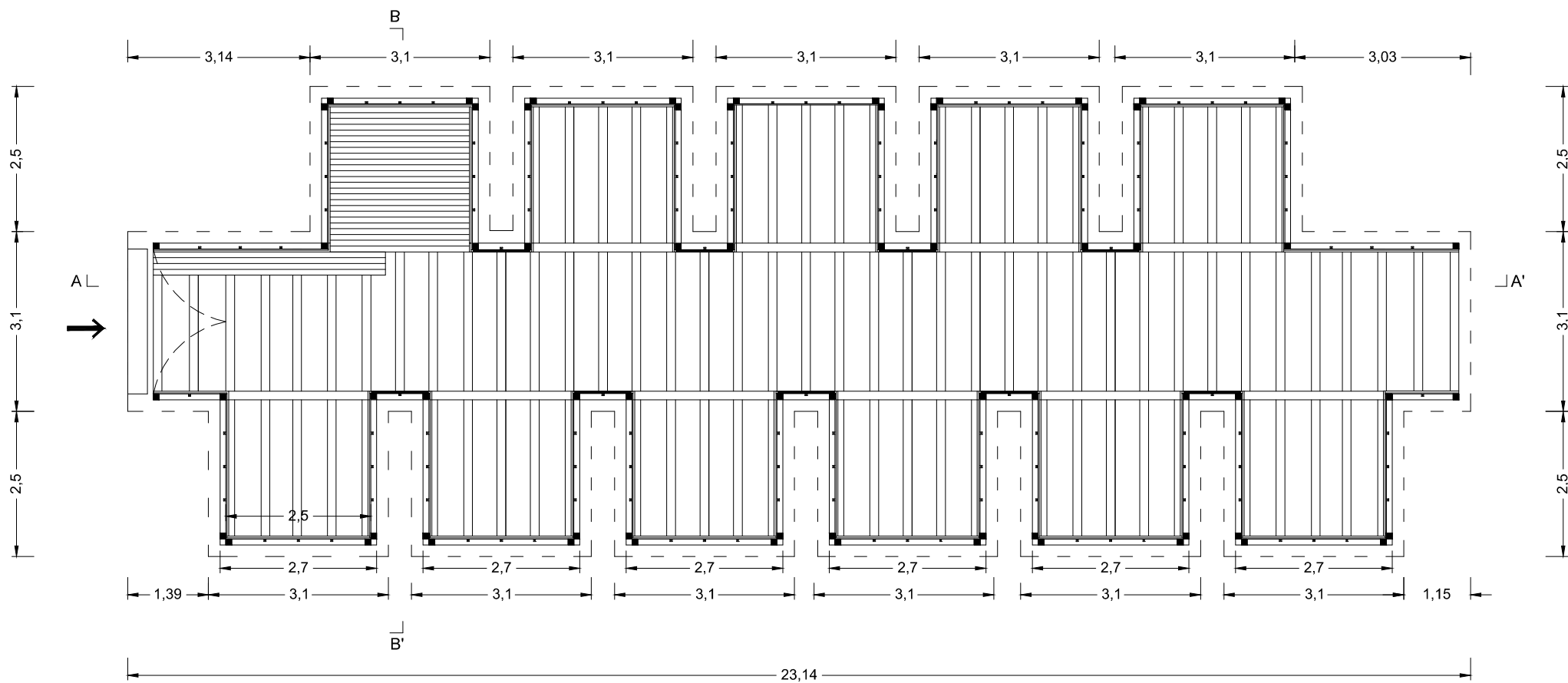
corte AA'



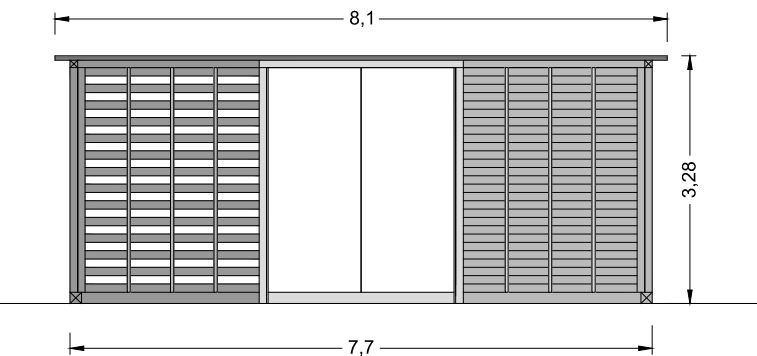
alçado longitudinal



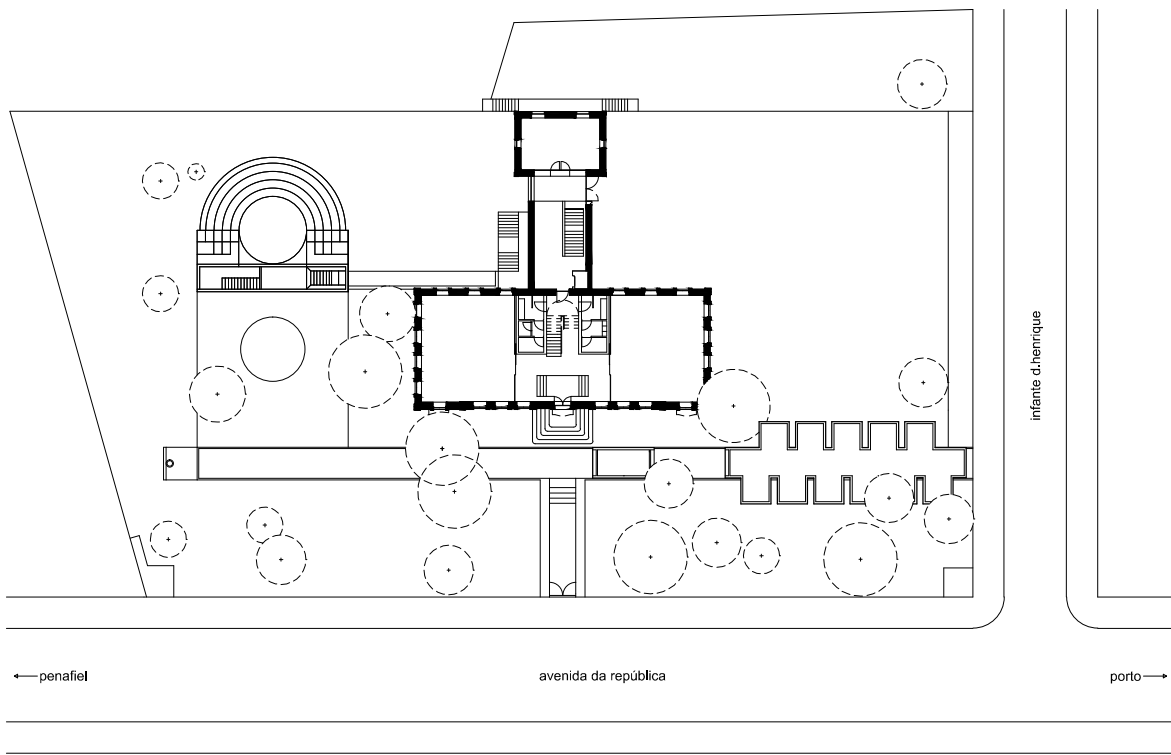
planta em corte



corte BB'

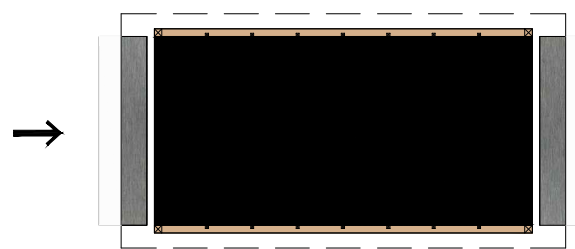


Alçado transversal

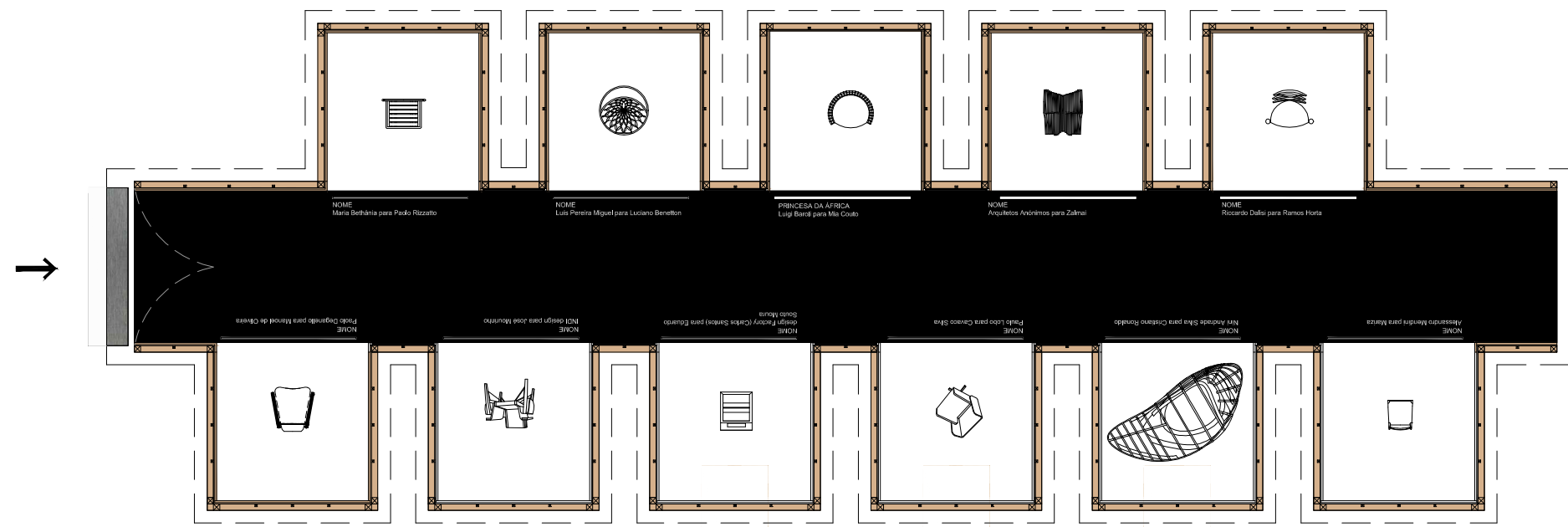


localização . jardins da casa da cultura de Paredes

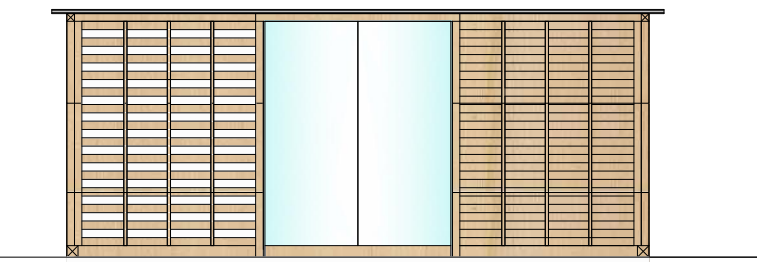
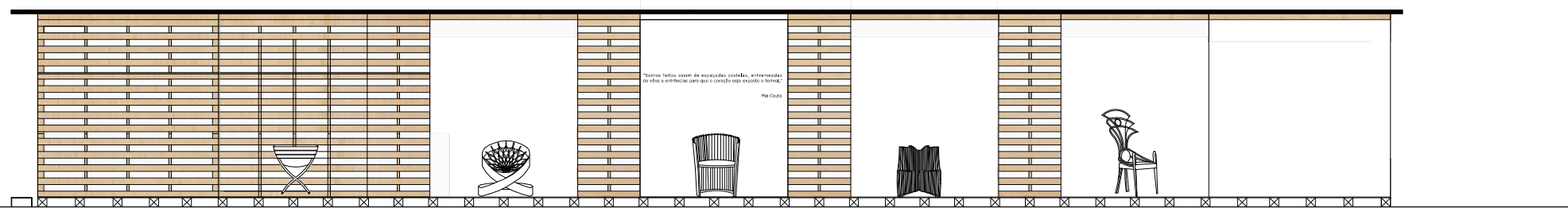
desenhos ilustrados



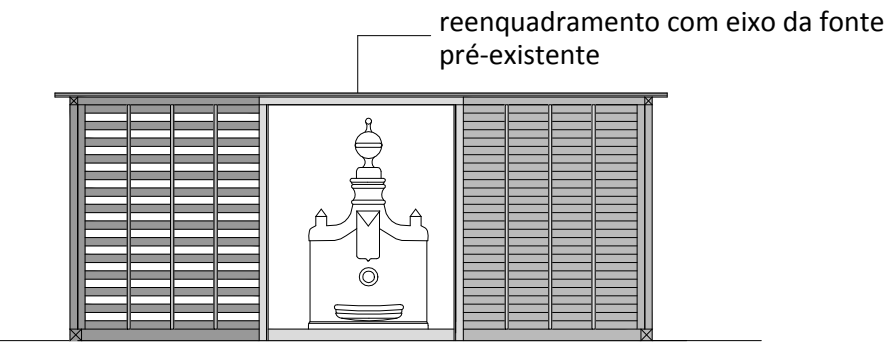
planta ilustrada



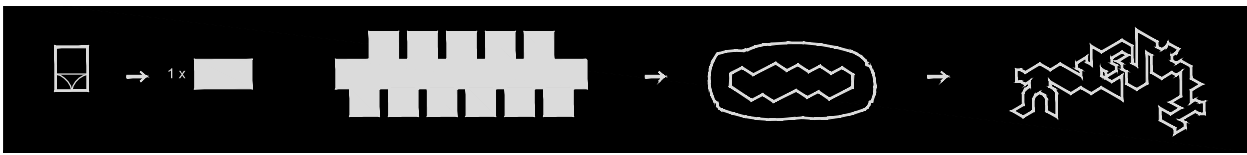
corte AA'



Alçado transversal



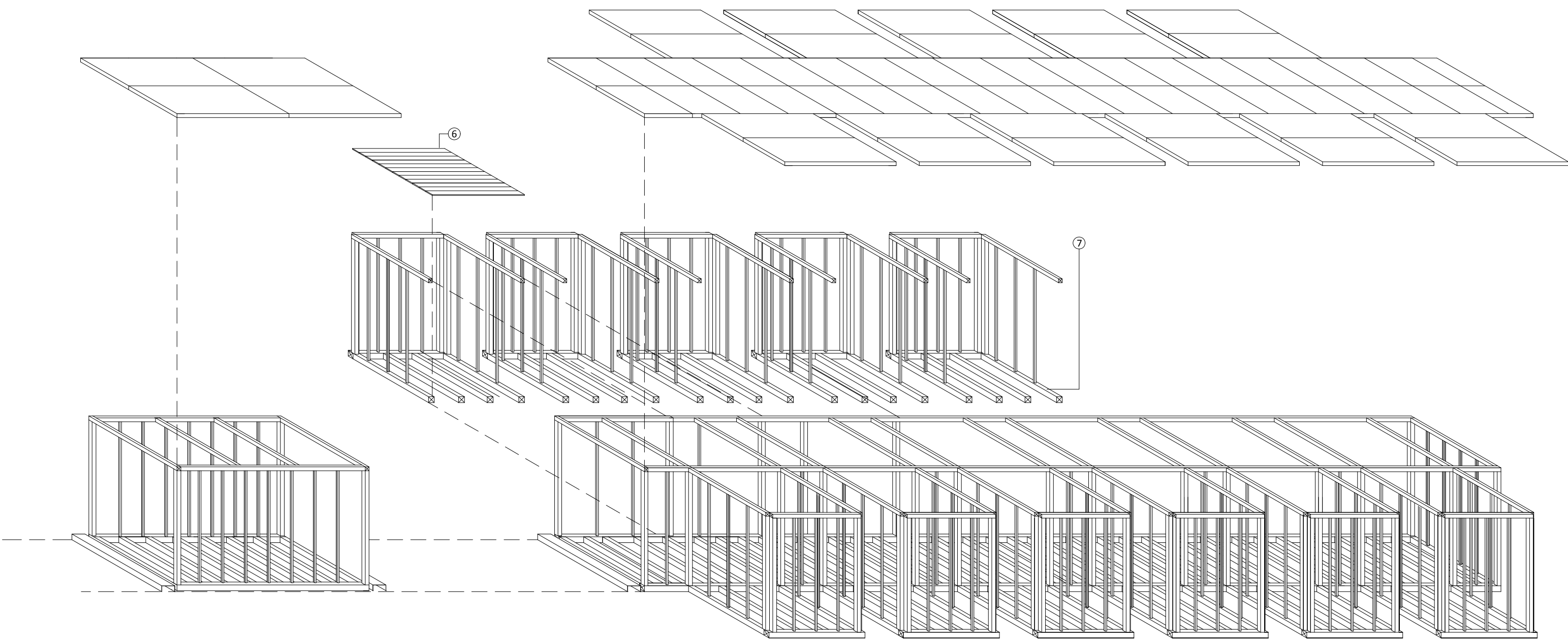
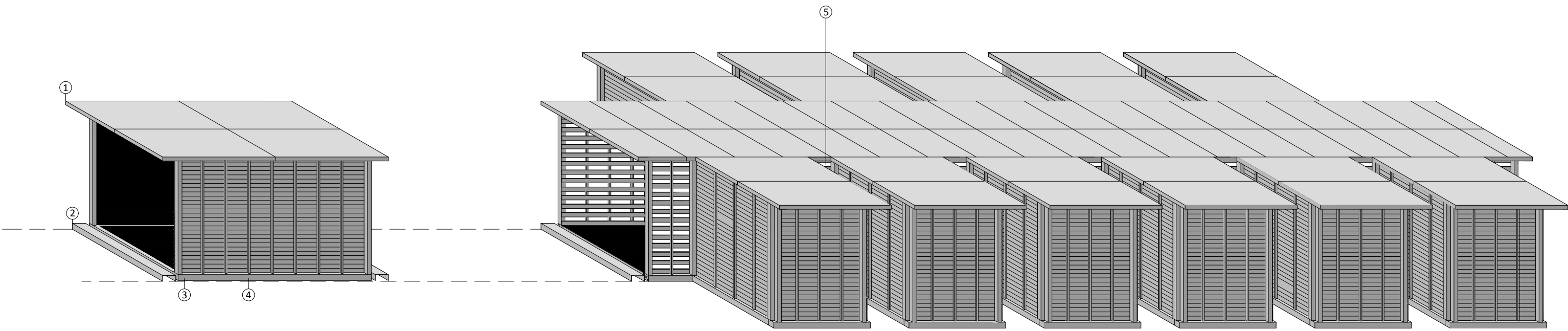
Alçado transversal



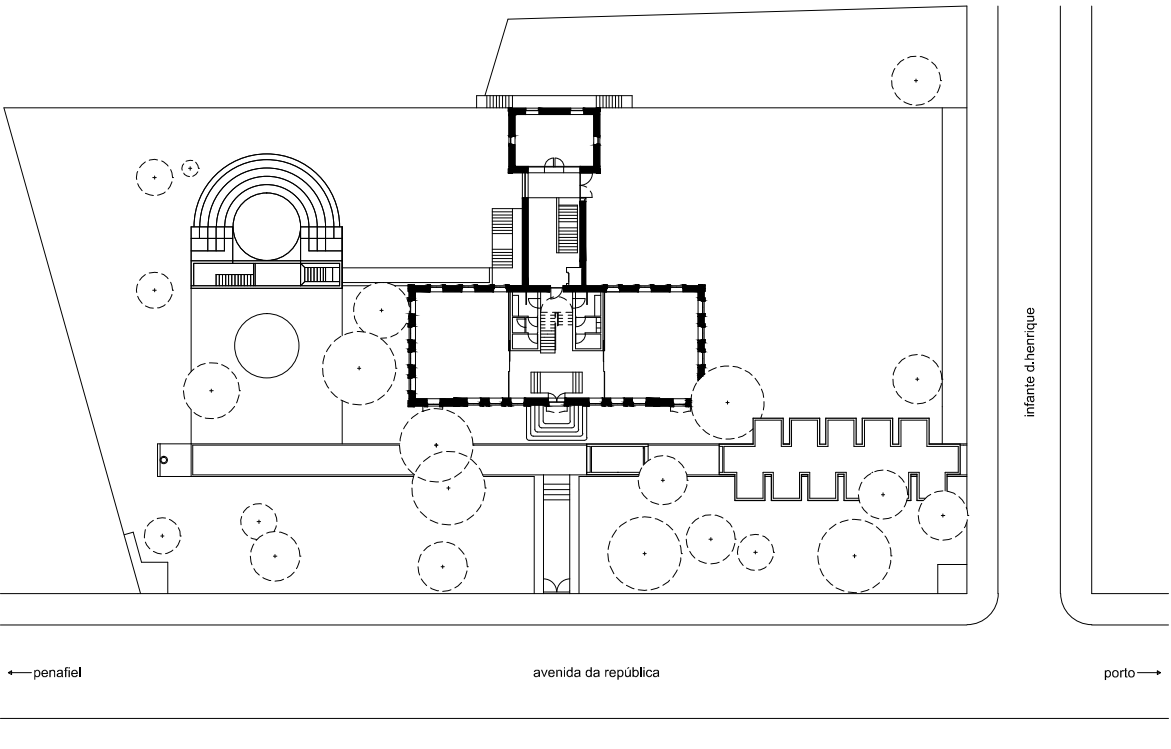
ESAD mónica couto 11707 2011/2012	escala 1.100	3
tese de mestrado em design de interiores		
duets exposição - art on chairs	contagem m	
desenhos técnicos e ilustrados . Fase de projeto 2		

Fase de projeto 2

axonometrias



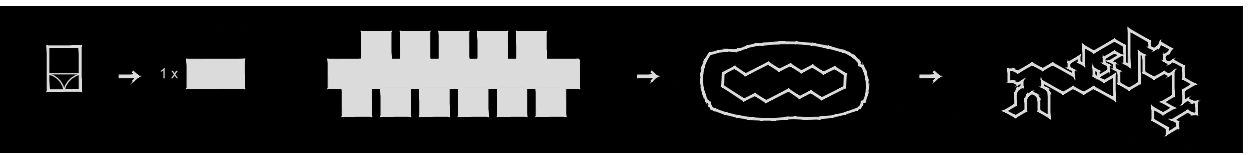
axonometria explodida com sistema construtivo de madeira



localização . jardins da casa da cultura de Paredes

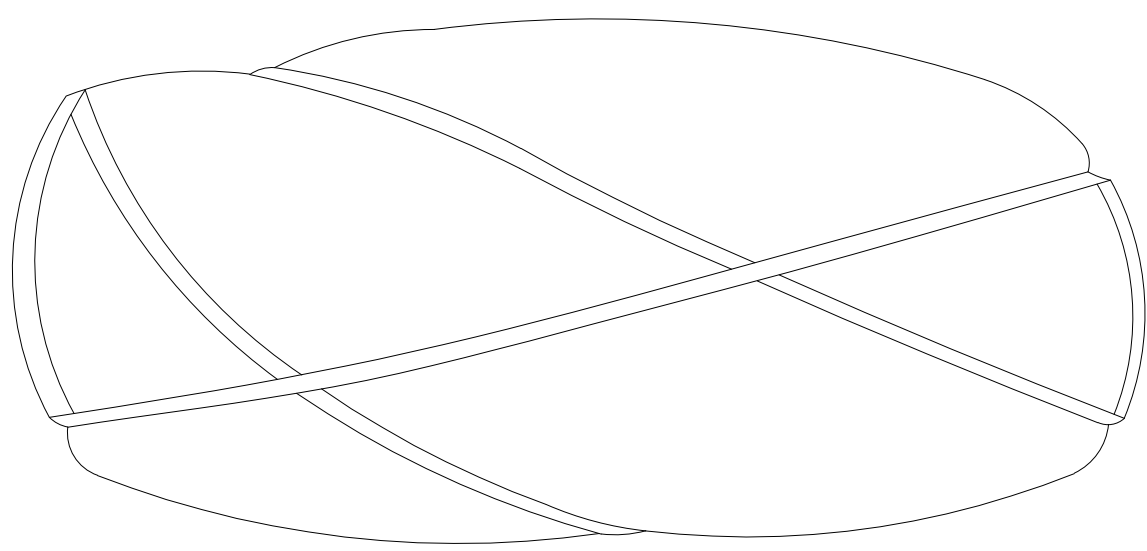
legenda de materiais

- ① cobertura plana. placa OSB 20 mm precedida de camada impermeabilizante tela elastomérica
- ② chapa de aço galvanizado de 2 mm
- ③ barrote estrutural vertical. prumo puxil pinho tratado
- ④ sistema de paude
- ⑤ bandeira . vidro temperado laminado 4+4
- ⑥ soalho de pinho nacional macheado a meia madeira com 22 mm de espessura
- ⑦ barrote de pavimento perfil pinho nacional tratado

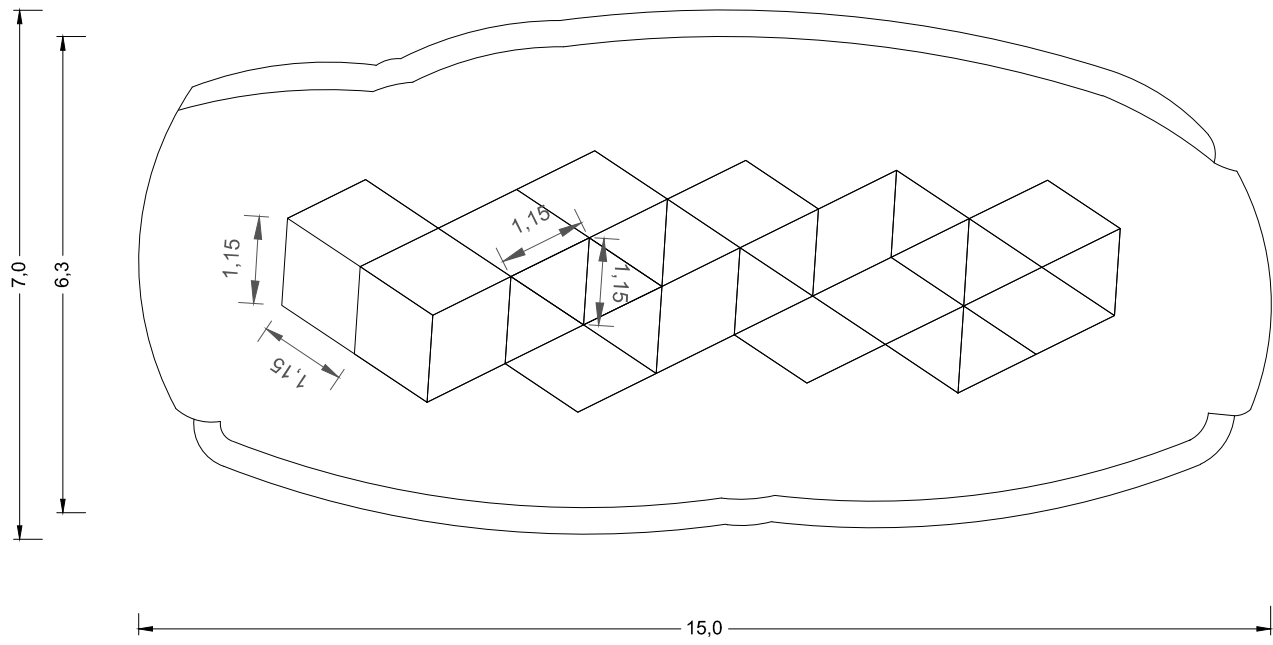


ESAD mónica couto 11707 2011/2012	escala 1.100	 4
tese de mestrado em design de interiores		
duets exposição - <i>art on chairs</i>	contagem m	
axonometrias . Fase de projeto 2		

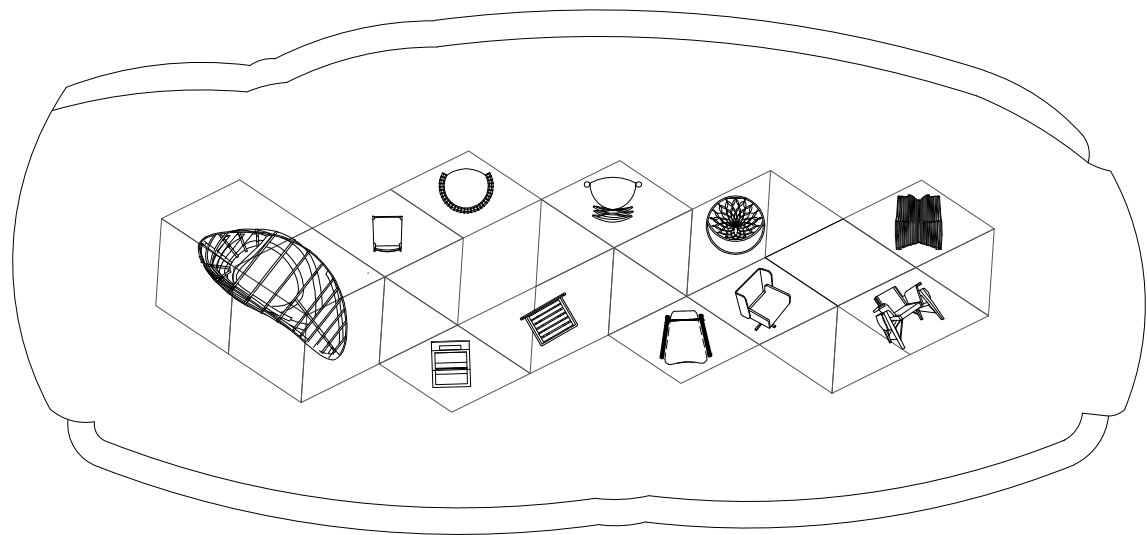
Fase de projeto 3



planta do insuflável, empresa Build Air, Barcelona.



planta com vista para o interior do insuflável

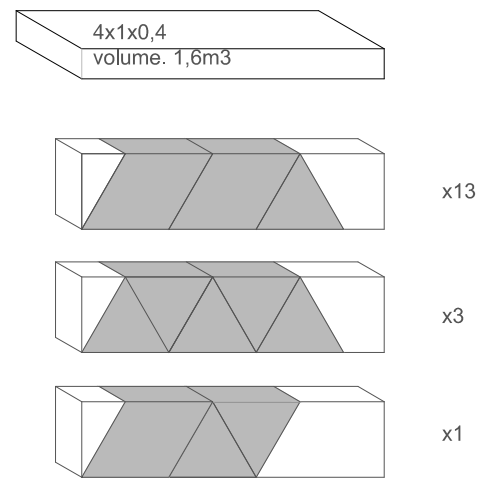
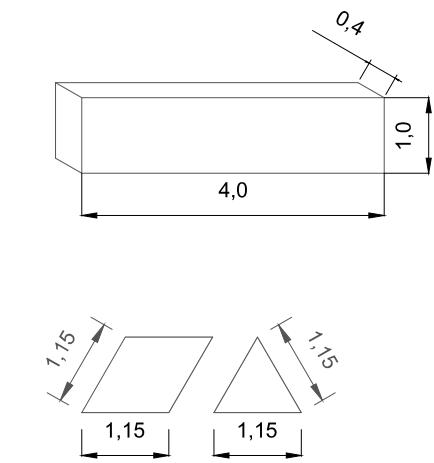


planta ilustrada

dimensionamento

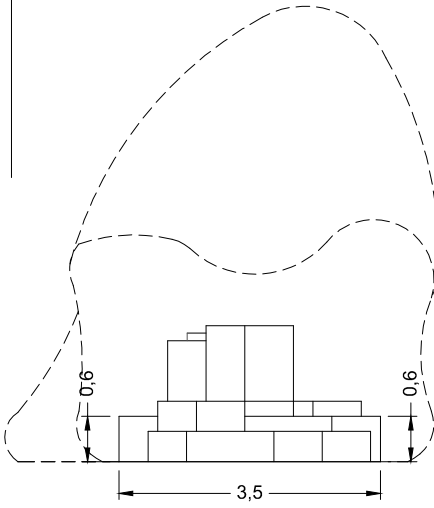
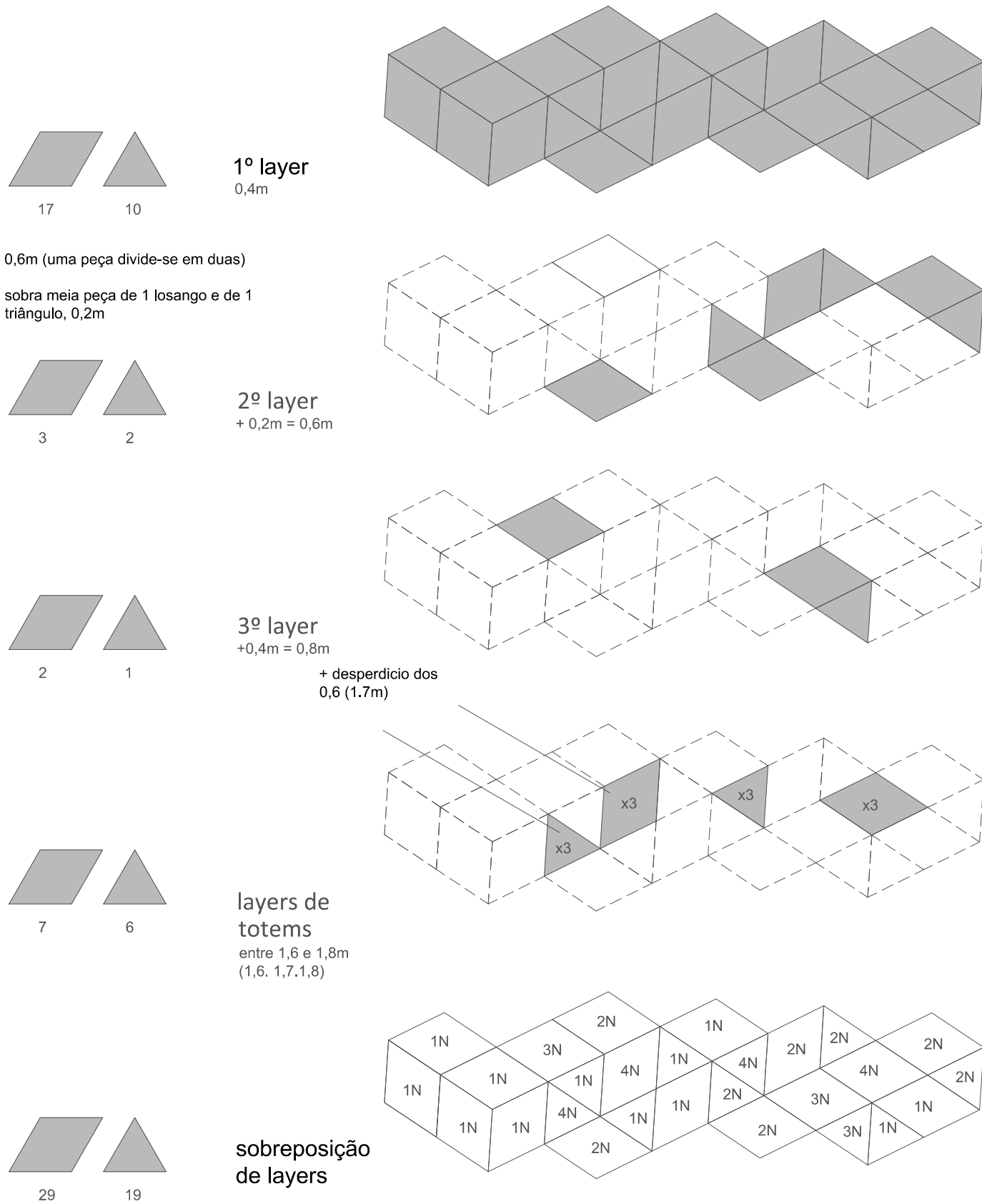
quantificação

orçamento

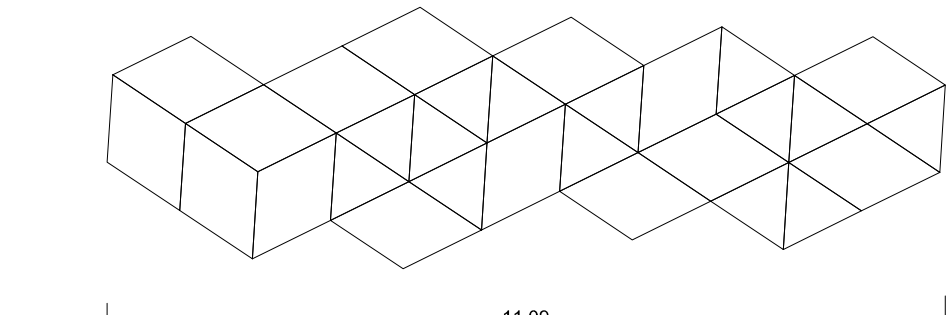


Poliestireno expandido			
EPS 100	- Peça 1	- € 56,48	total: 2174,48
	- Peça 2	- € 28,24	
EPS 150	- Peça 1	- € 68,64	
	- Peça 2	- € 34,32	
Cola embalagens de 5 litros - € 27,50/emb.			
A estes preços será acrescido o valor de 23% de IVA.			

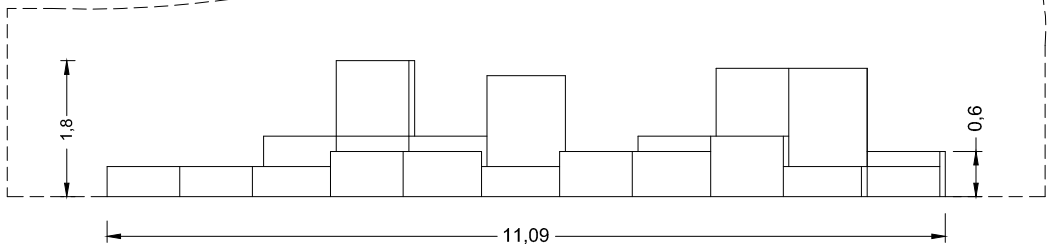
organização dos layers



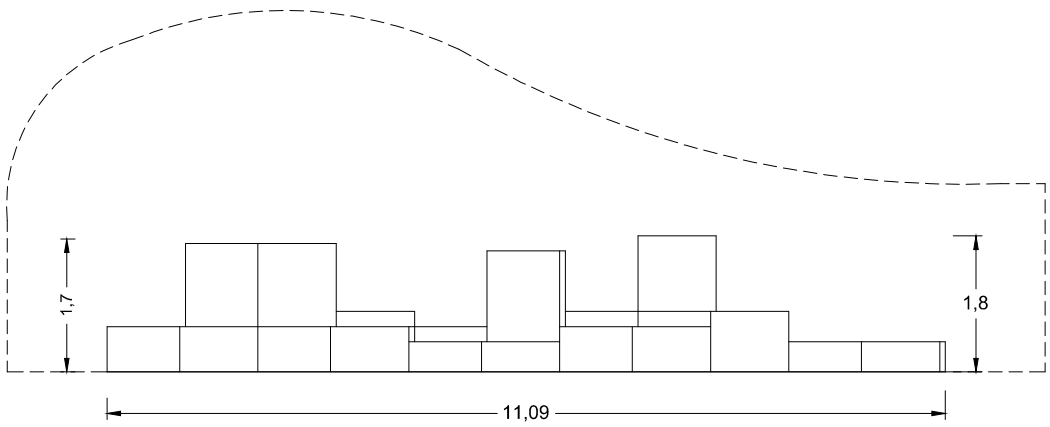
alçado lateral



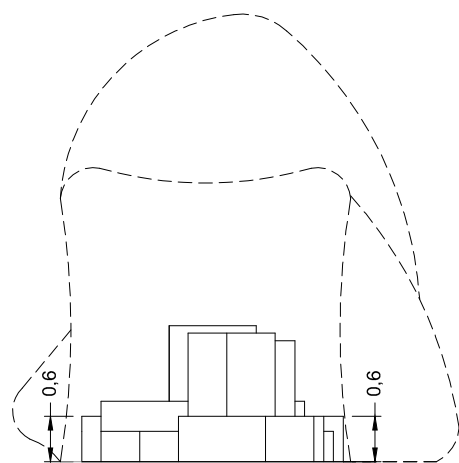
planta



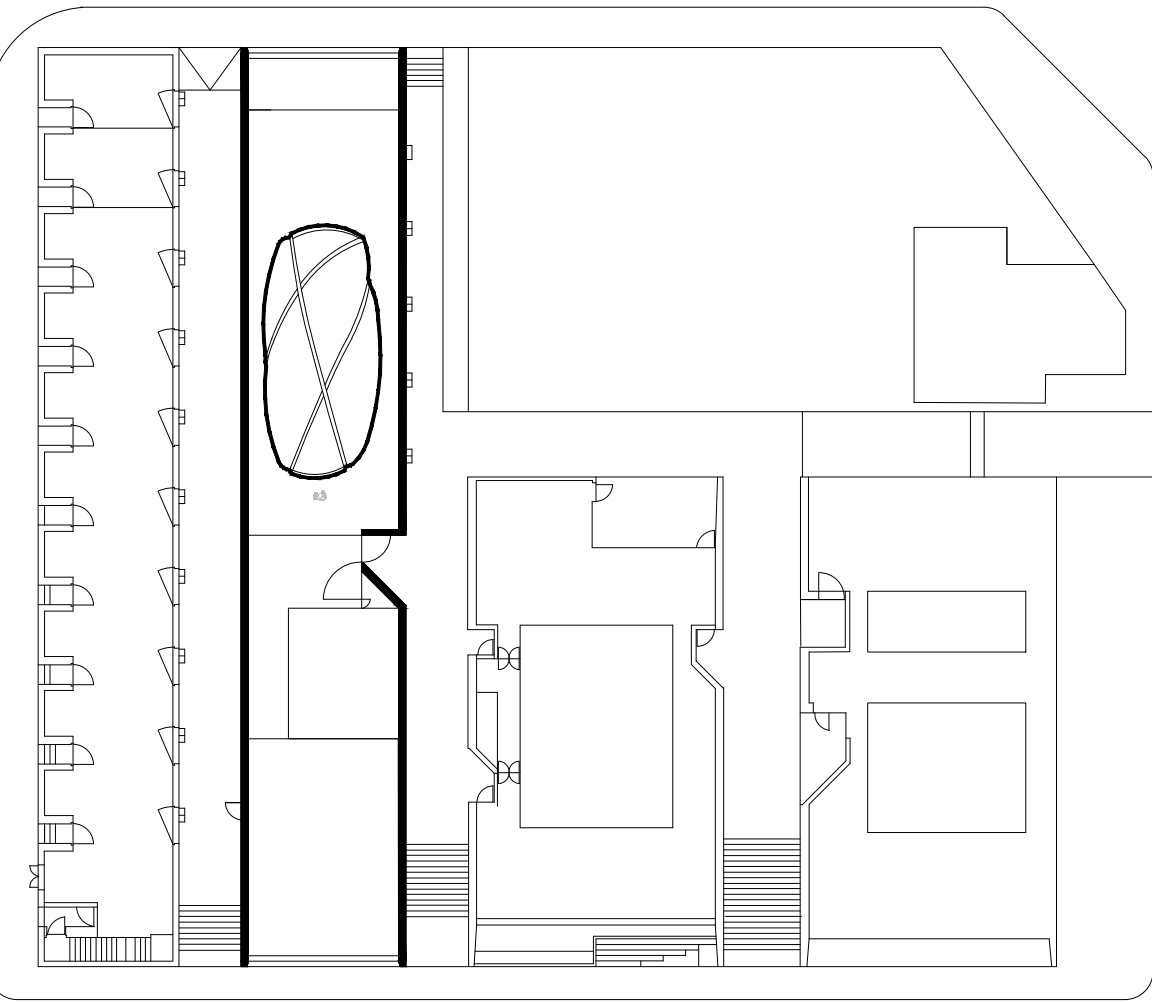
alçado frontal



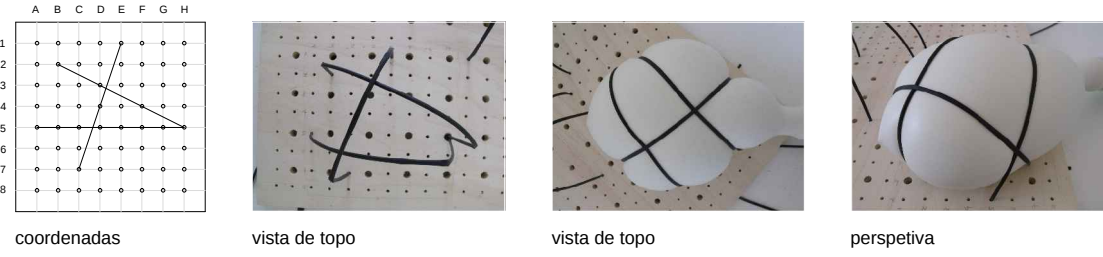
alçado posterior



alçado lateral

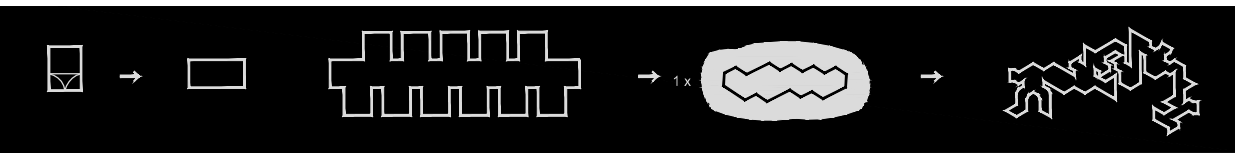


localização . edifício C, Farmville (Cooperativa Agrícola de Paredes)



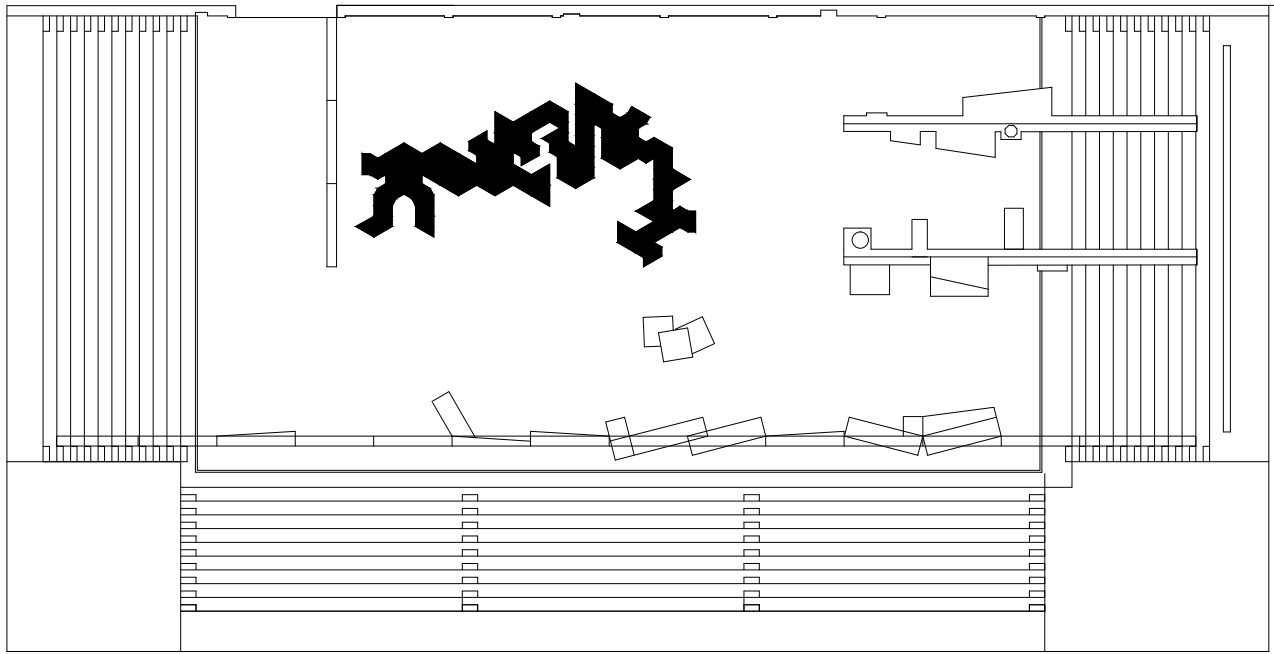
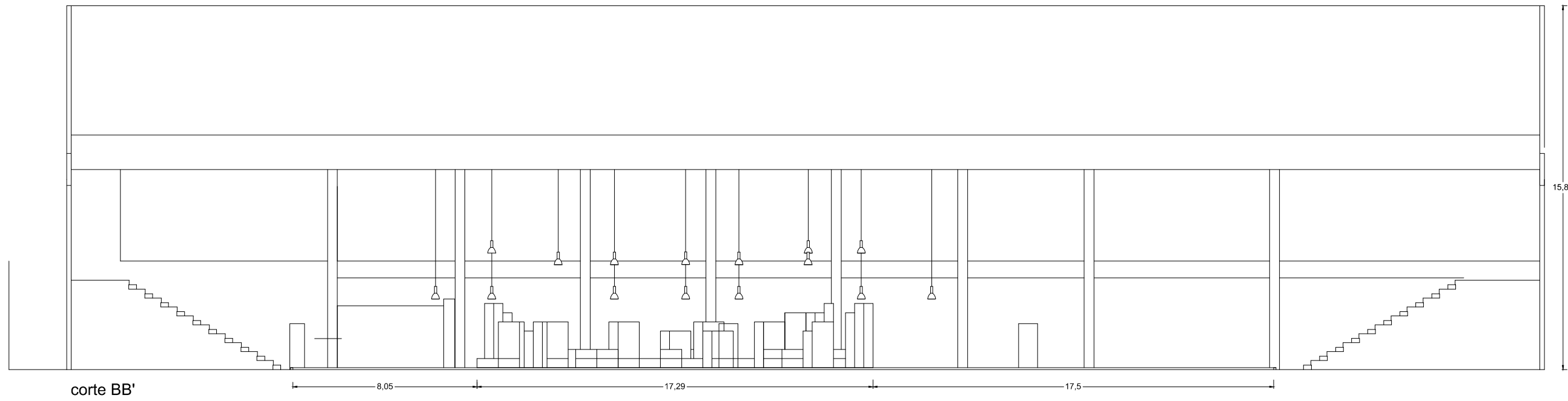
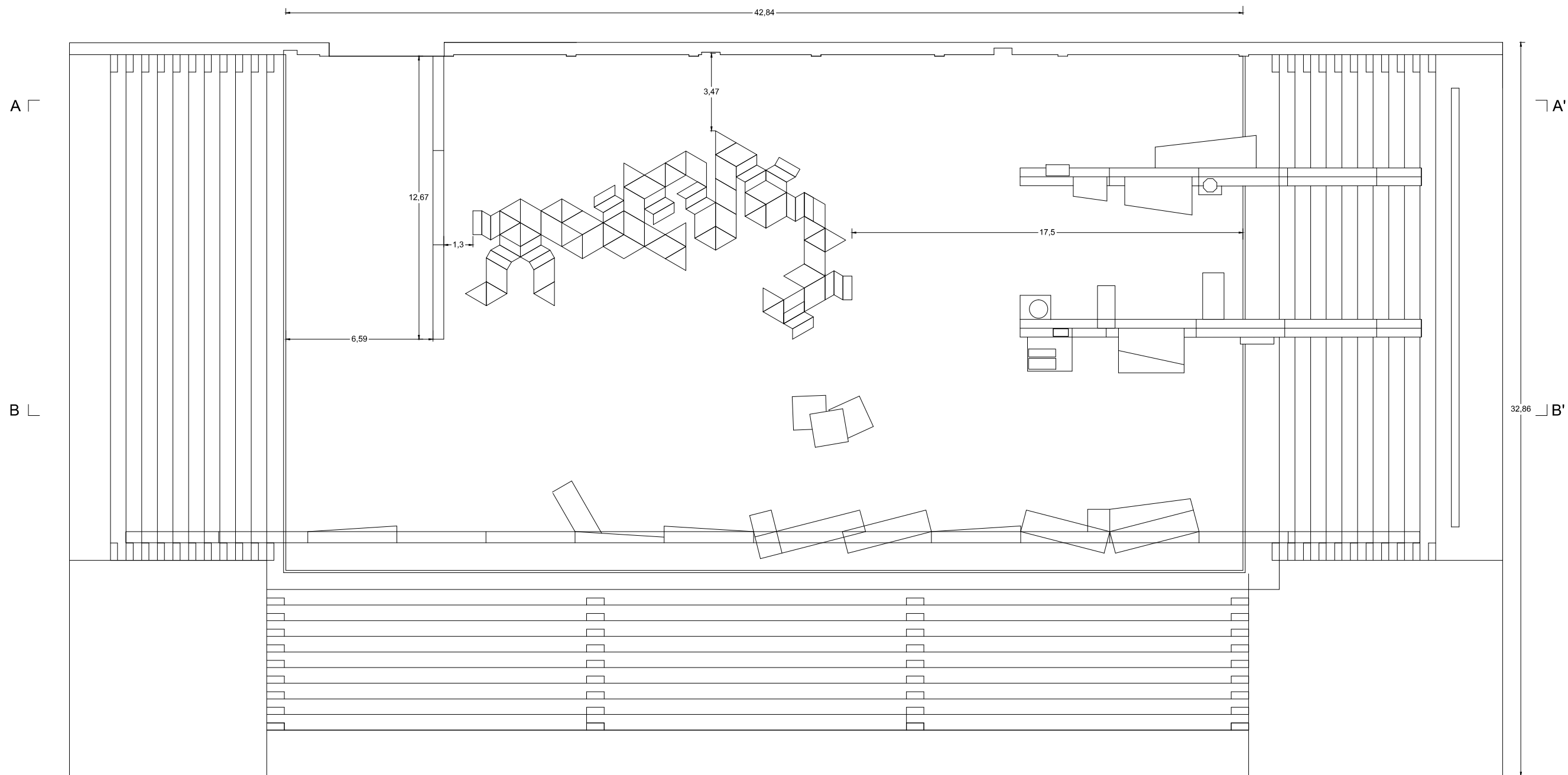
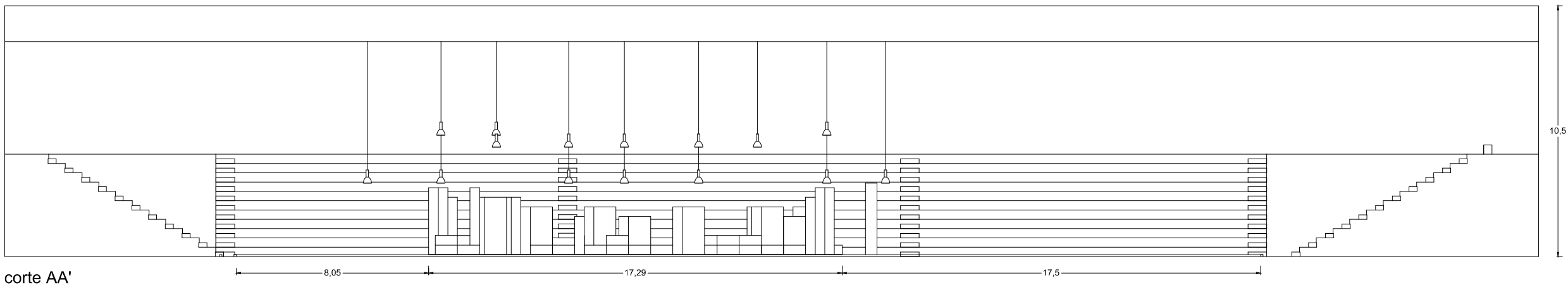
experiências de procura da forma

N = nº de níveis

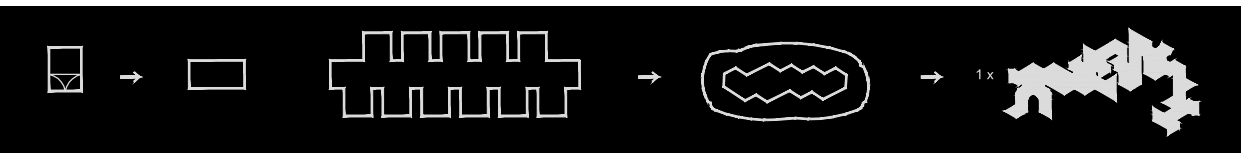


ESAD mónica couto 11707 2011/2012	escala 1.100	5
tese de mestrado em design de interiores		
duets exposição - art on chairs	contagem m	
desenhos técnicos e ilustrados . Fase de projeto 3		

Fase de projeto 4



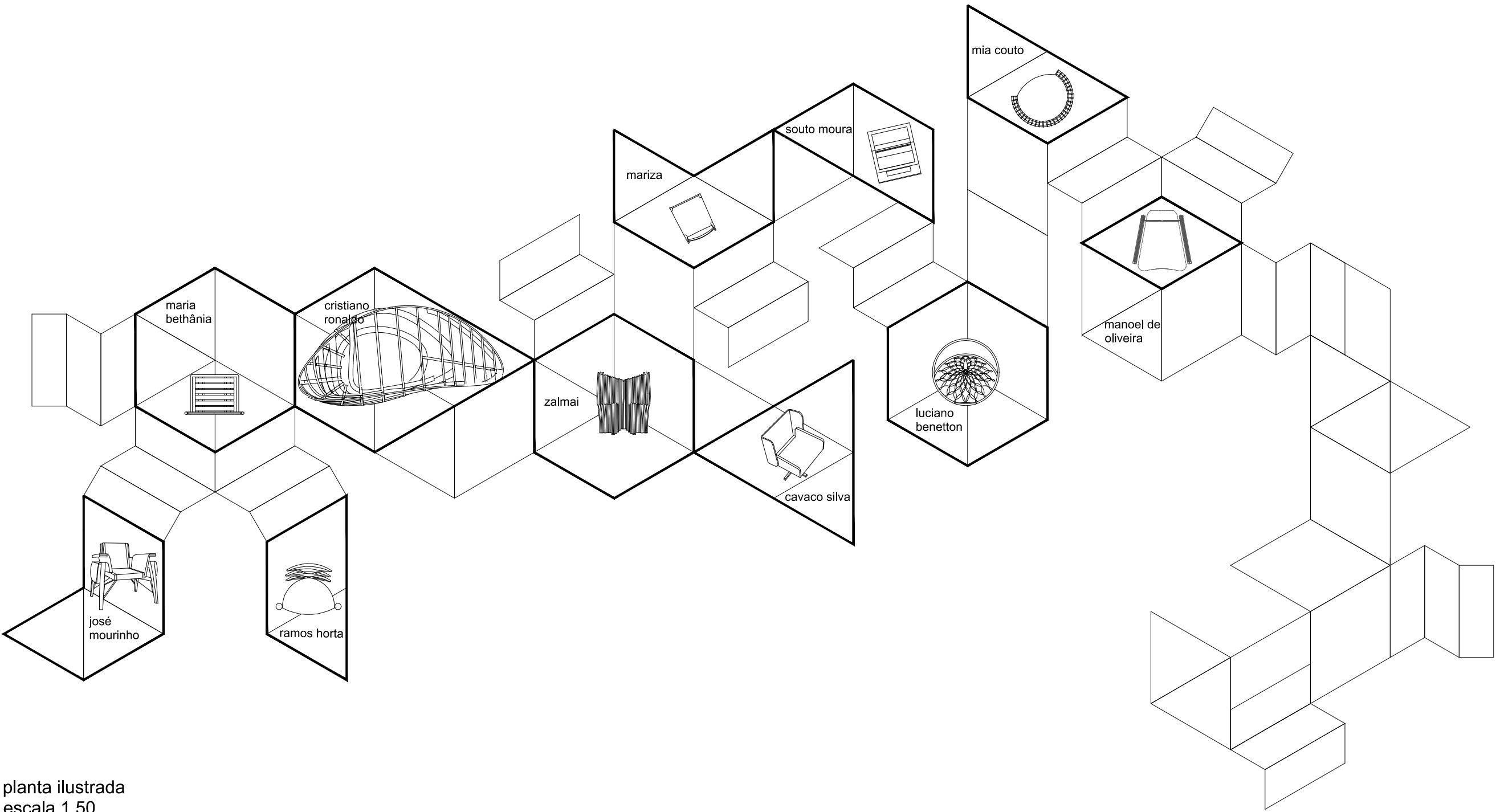
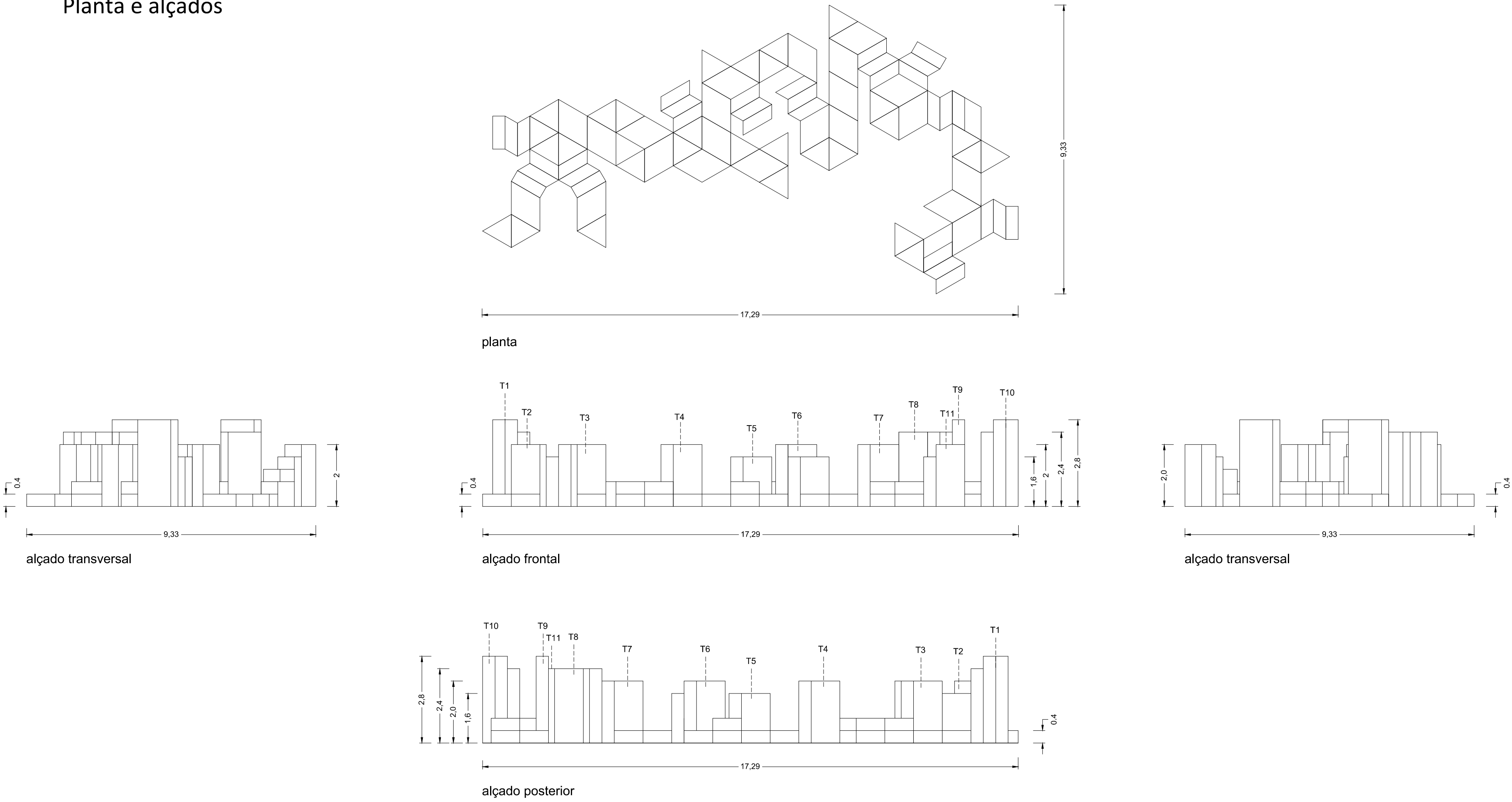
localização . antigo pavilhão gimnodesportivo de Paredes



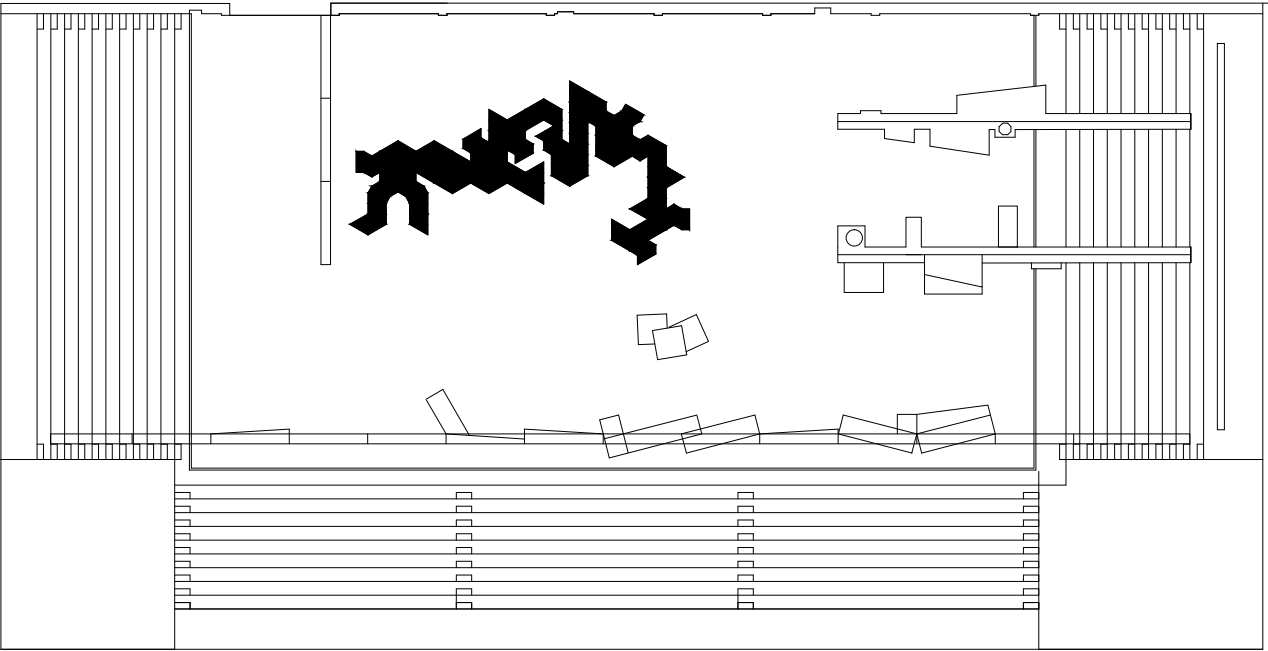
ESAD mónica couto 11707 2011/2012	escala 1.200	↑ 6
tese de mestrado em design de interiores	contagem m	
duets exposição - <i>art on chairs</i>		
planta de localização e sinalização de cortes . Fase final		

Fase de projeto 4

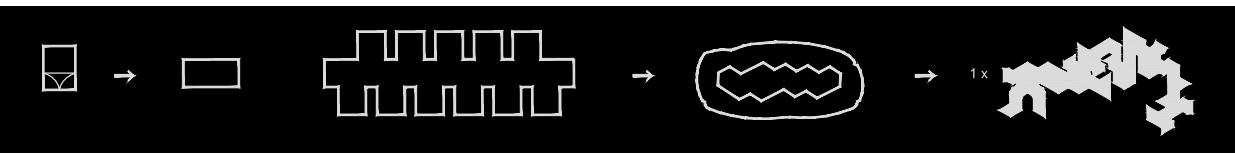
Planta e alçados



planta ilustrada
escala 1.50



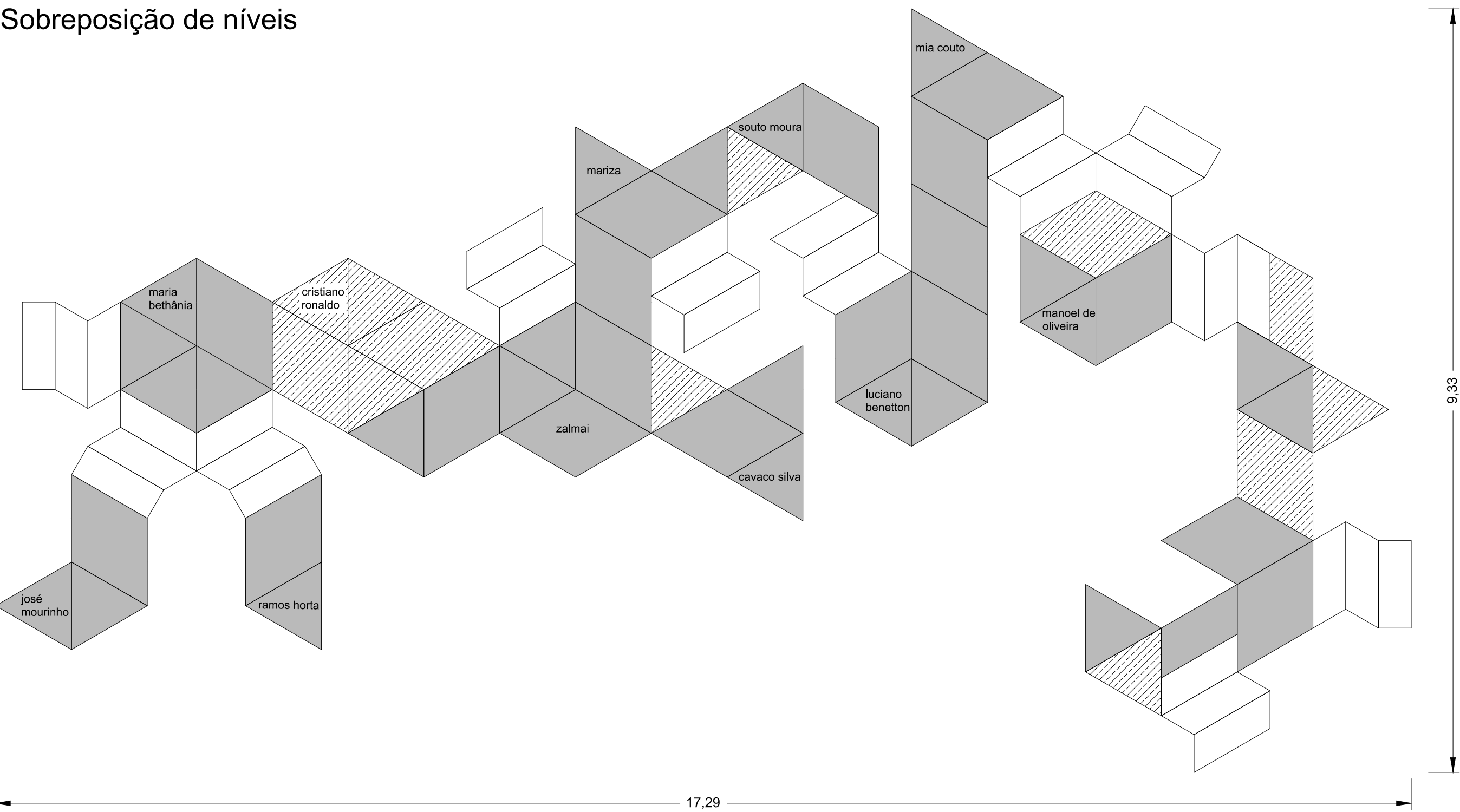
localização . antigo pavilhão gimnodesportivo de Paredes



ESAD mónica couto 11707 2011/2012	escala 1.100	7
tese de mestrado em design de interiores	contagem m	
duets exposição - <i>art on chairs</i>		
planta de localização e sinalização de cortes . Fase final		

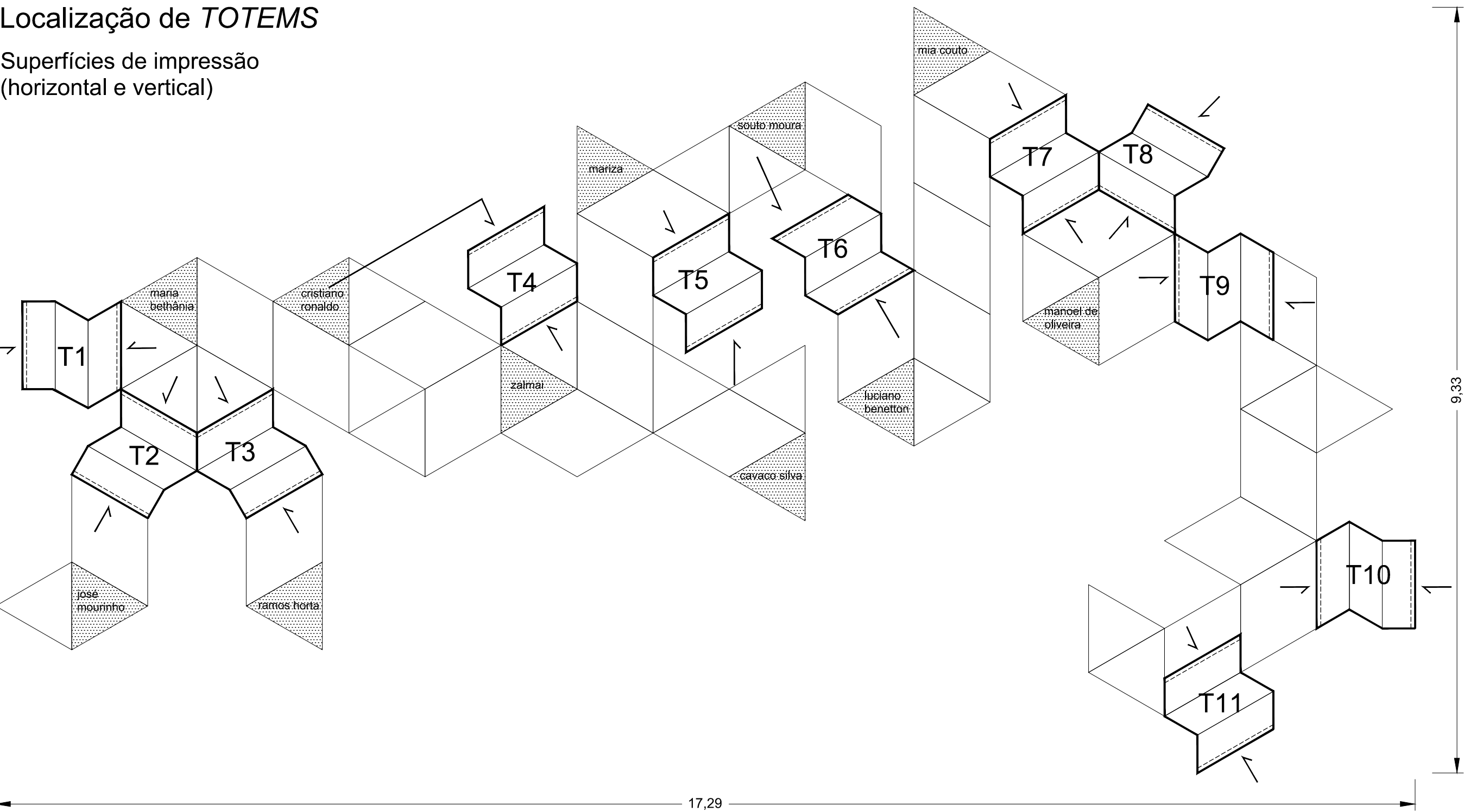
Fase de projeto 4

Sobreposição de níveis



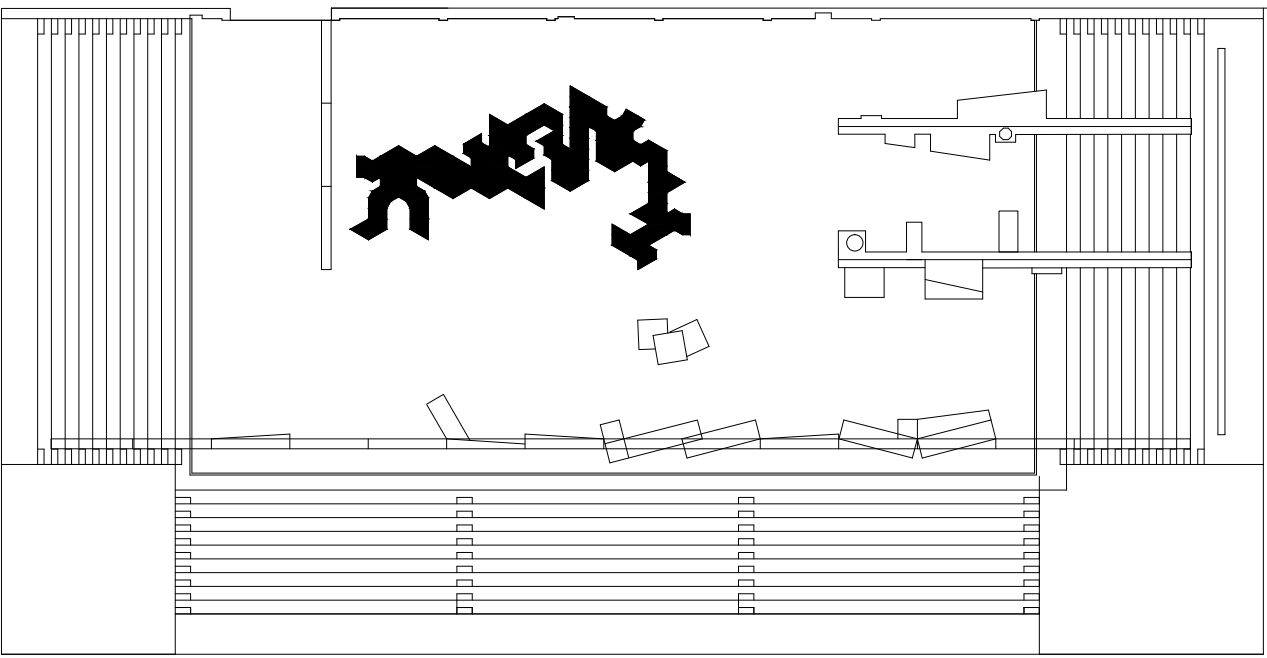
Localização de TOTEMS

Superfícies de impressão
(horizontal e vertical)



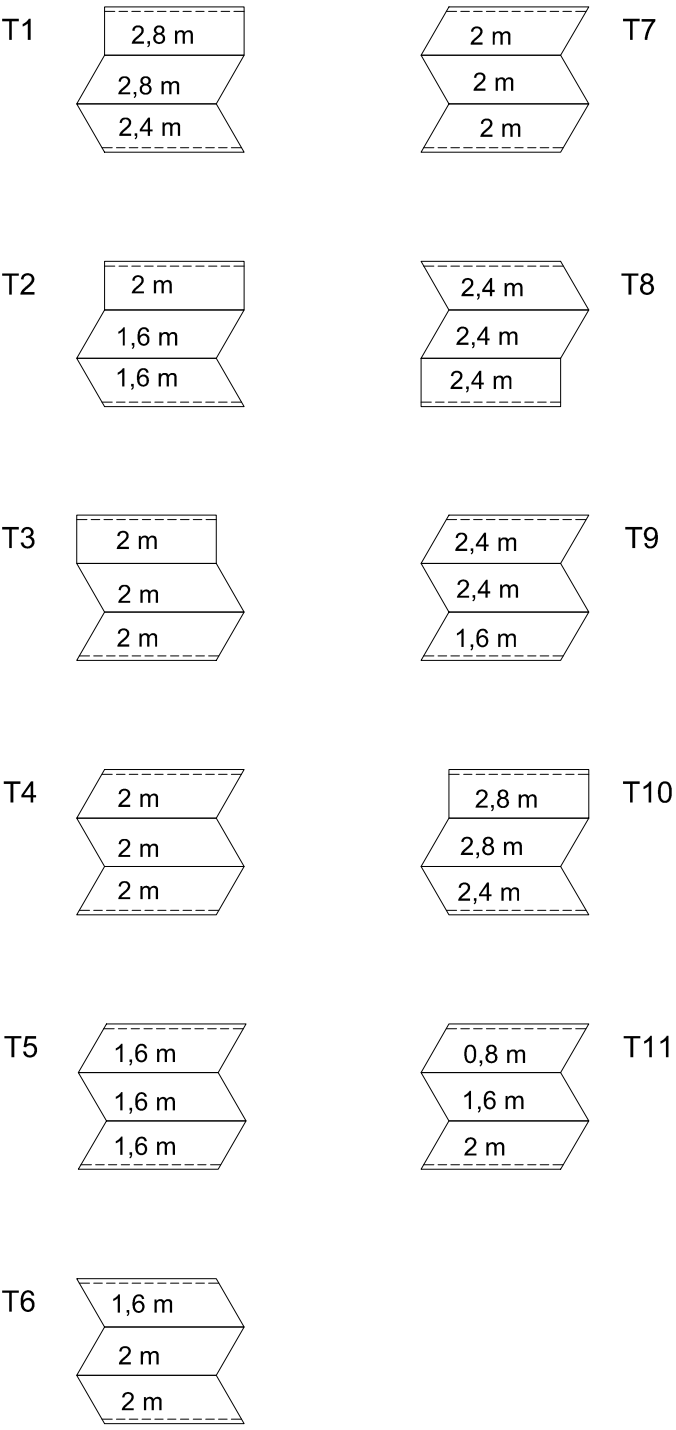
placa de poliestireno expandido
para impressão horizontal
(ficha técnica)

placa de poliestireno expandido
para impressão vertical
(grafismo / imagem)



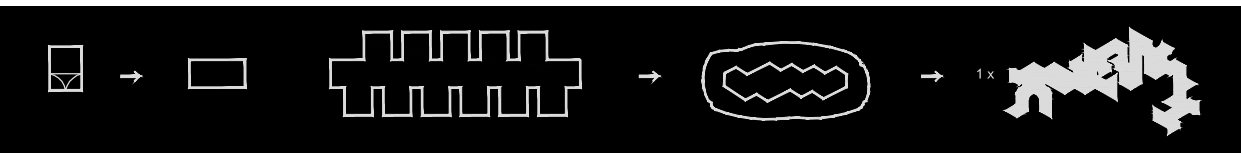
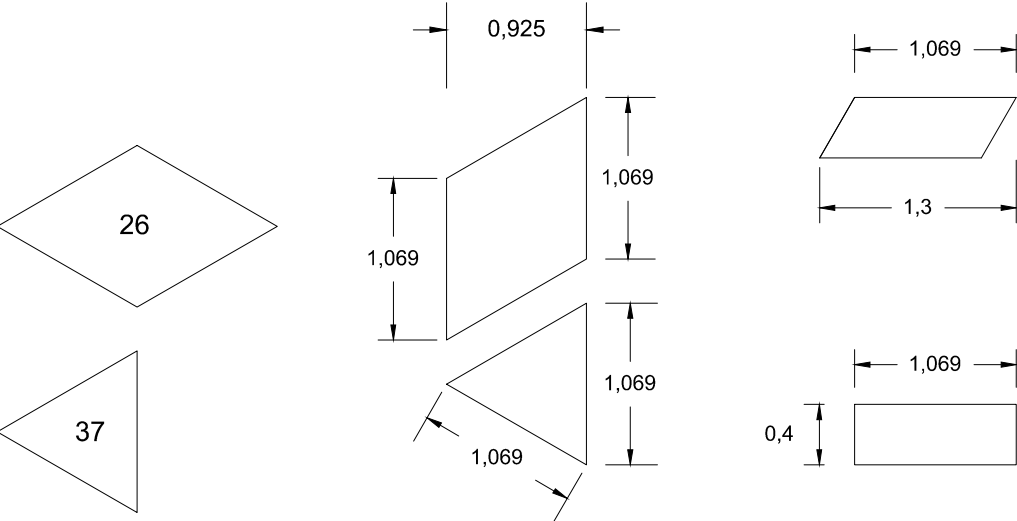
localização . antigo pavilhão gimnodesportivo de Paredes

composição dos totens
(blocos e alturas)



número de peças do plinto e dimensões:

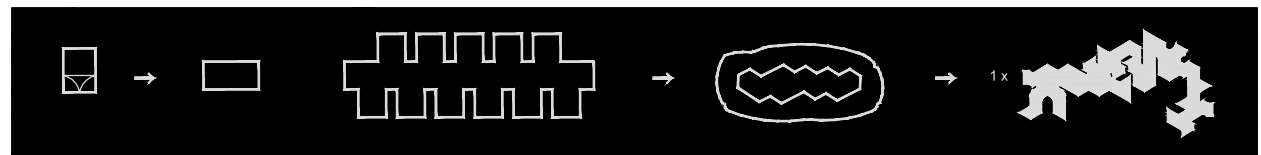
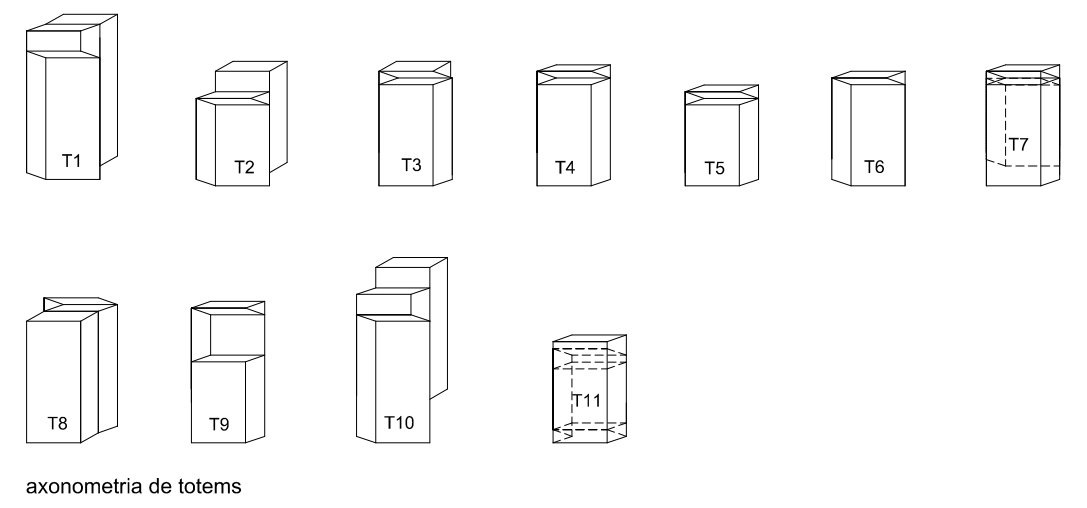
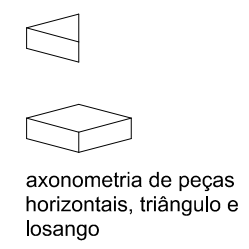
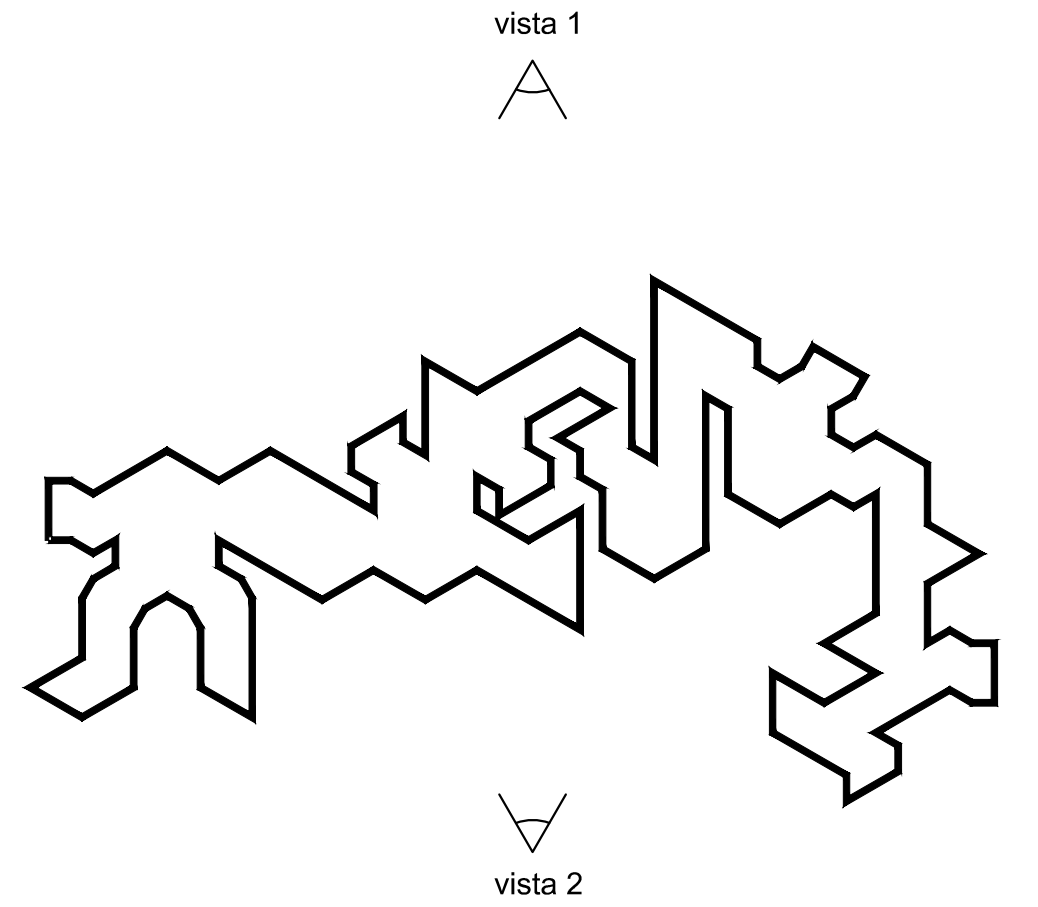
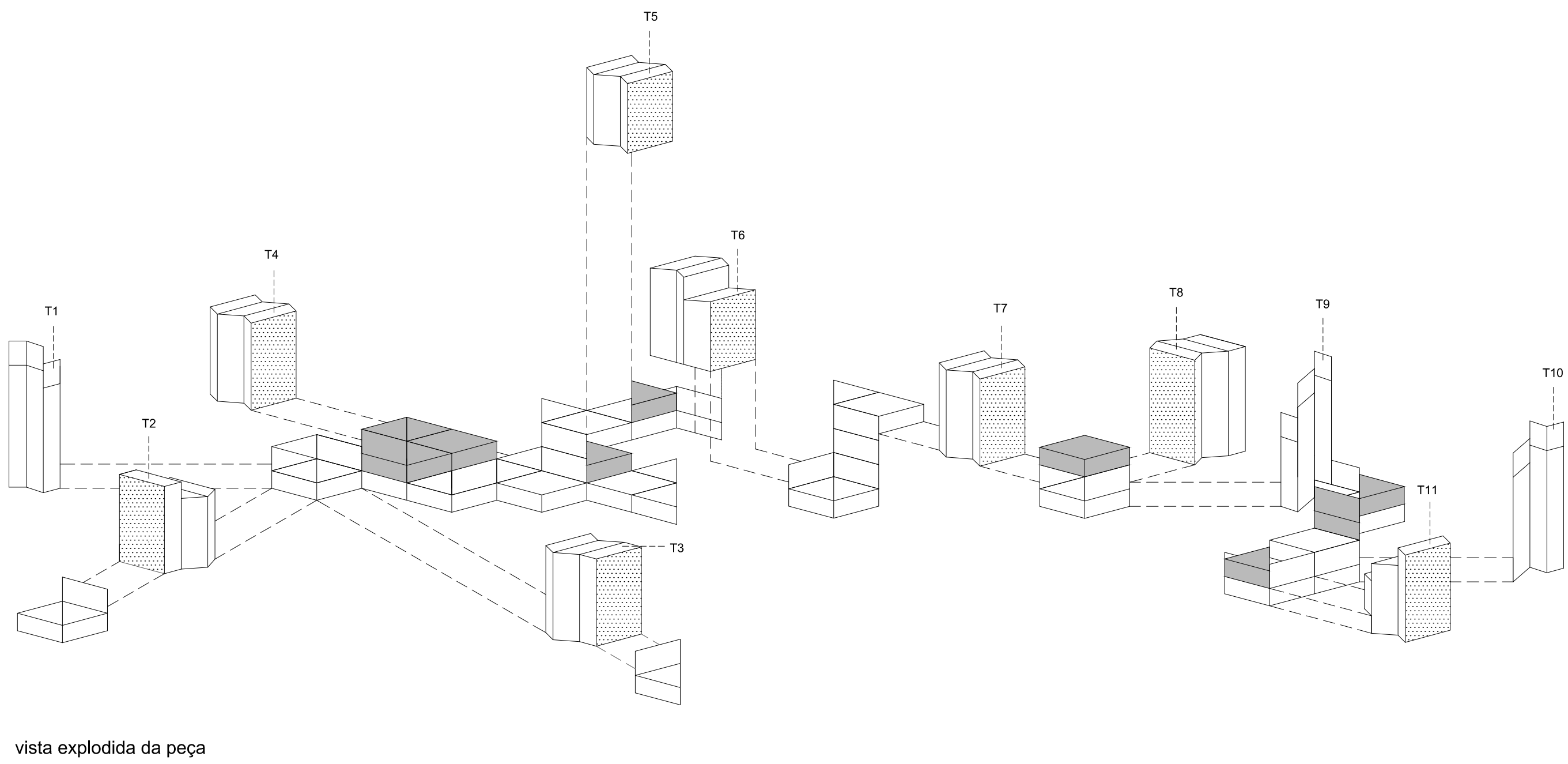
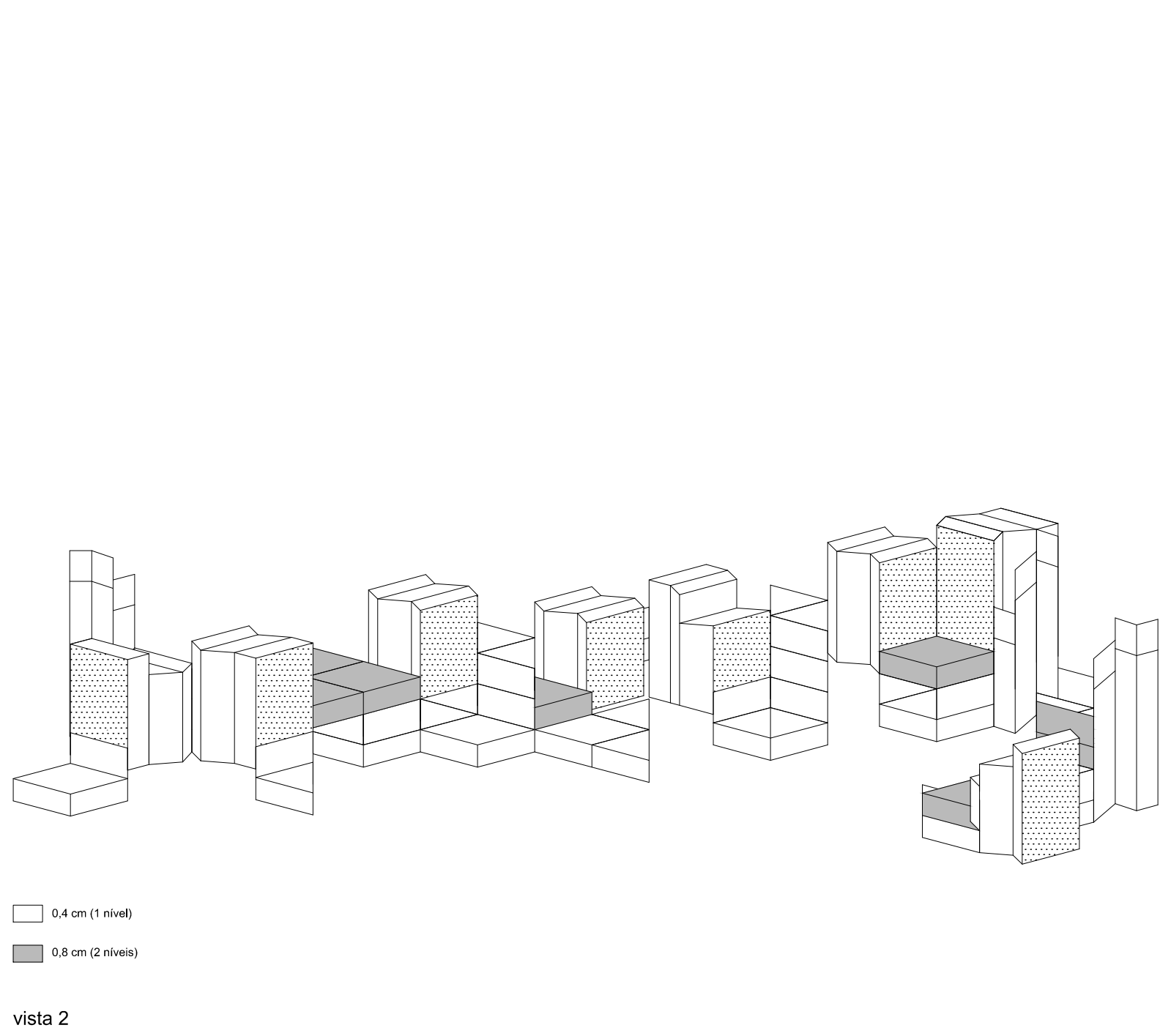
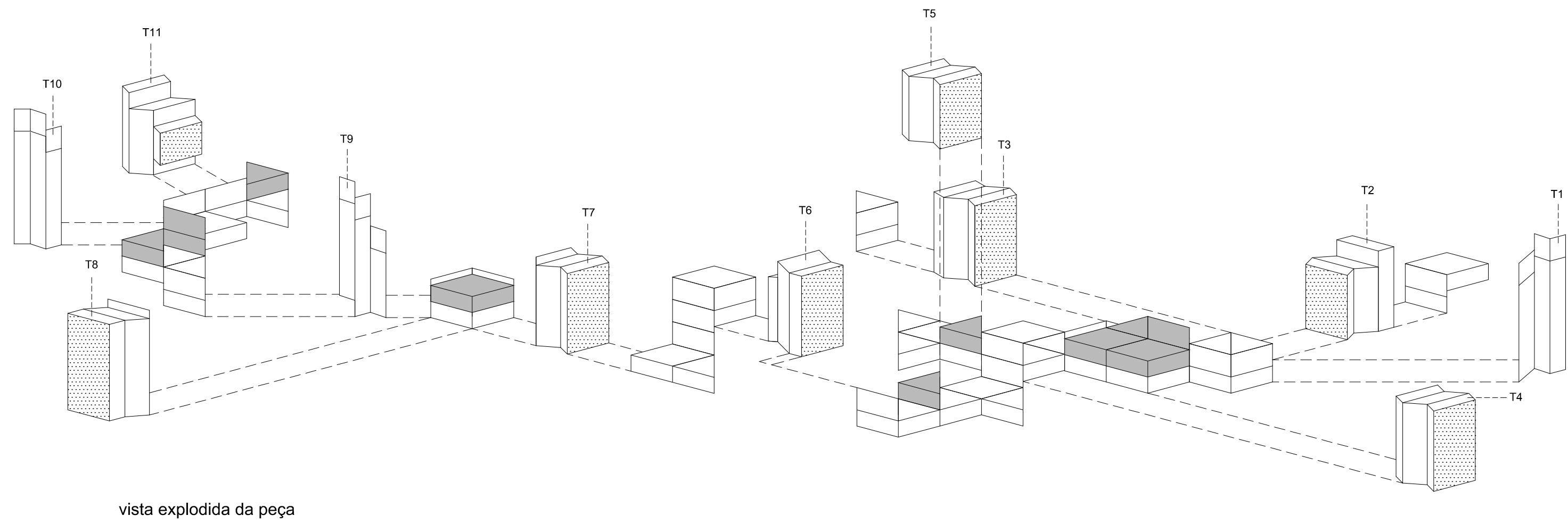
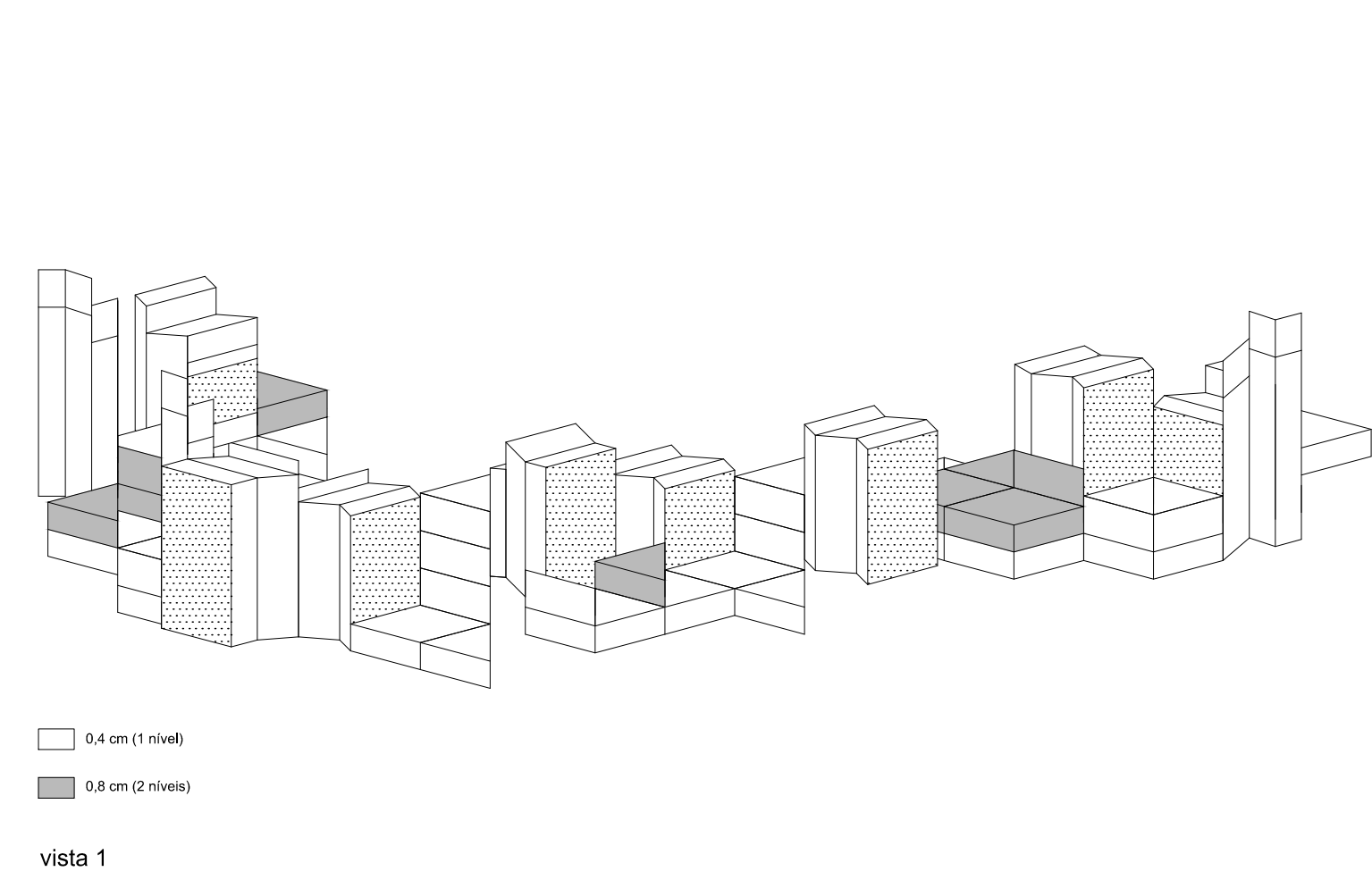
peças de totem e dimensões:



ESAD mónica couto 11707 2011/2012	escala 1.50	8
tese de mestrado em design de interiores	contagem m	
duets exposição - art on chairs		
desenhos gerais - estereotomias poliestireno expandido.Fase final		

Fase de projeto 4

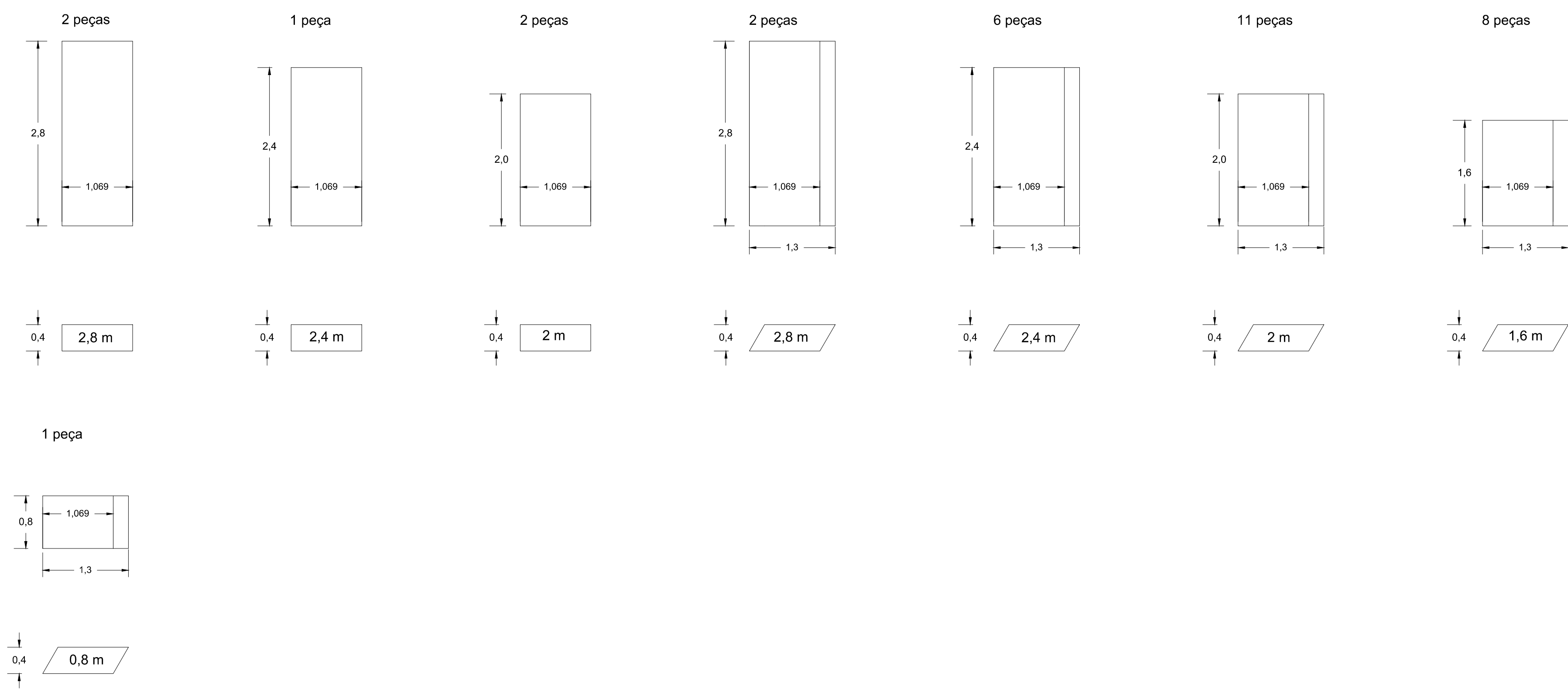
axonometrias



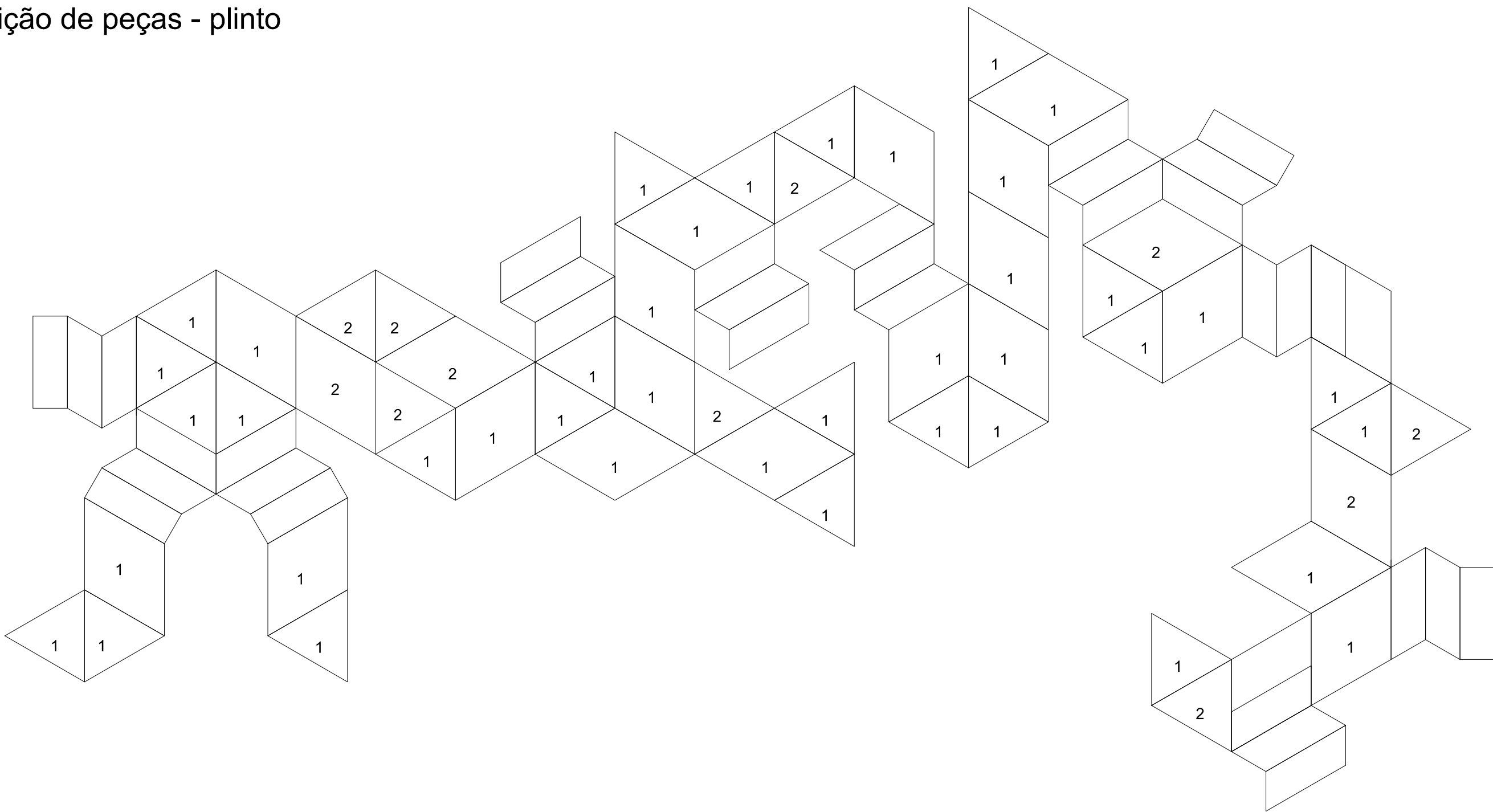
ESAD mónica couto 11707 2011/2012	escala 1.100	9
tese de mestrado em design de interiores		
duets exposição - <i>art on chairs</i>	contagem m	
axonometrias . Fase de projeto 4 . Fase final		

Fase de projeto 4

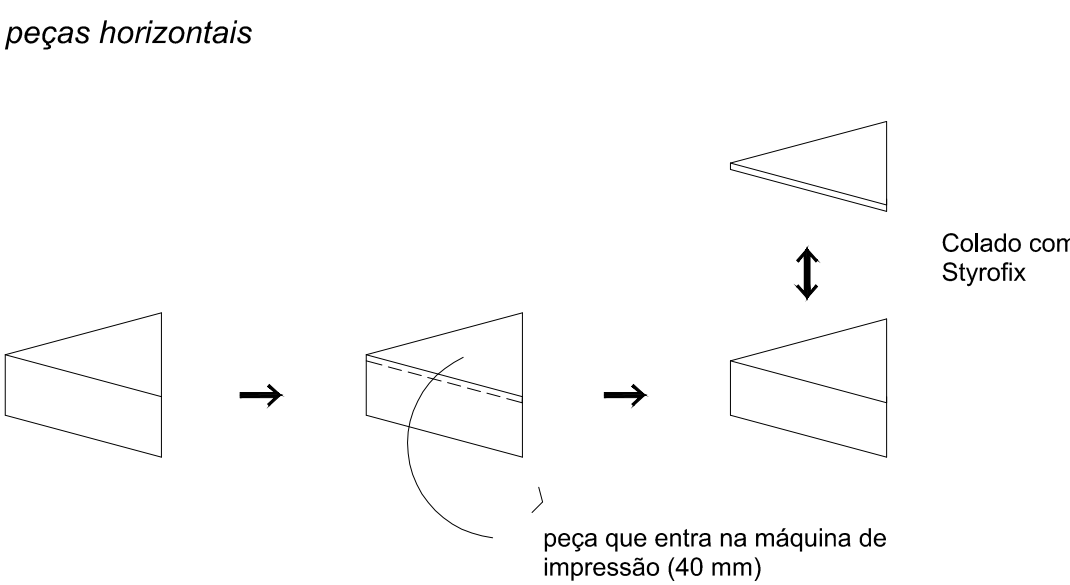
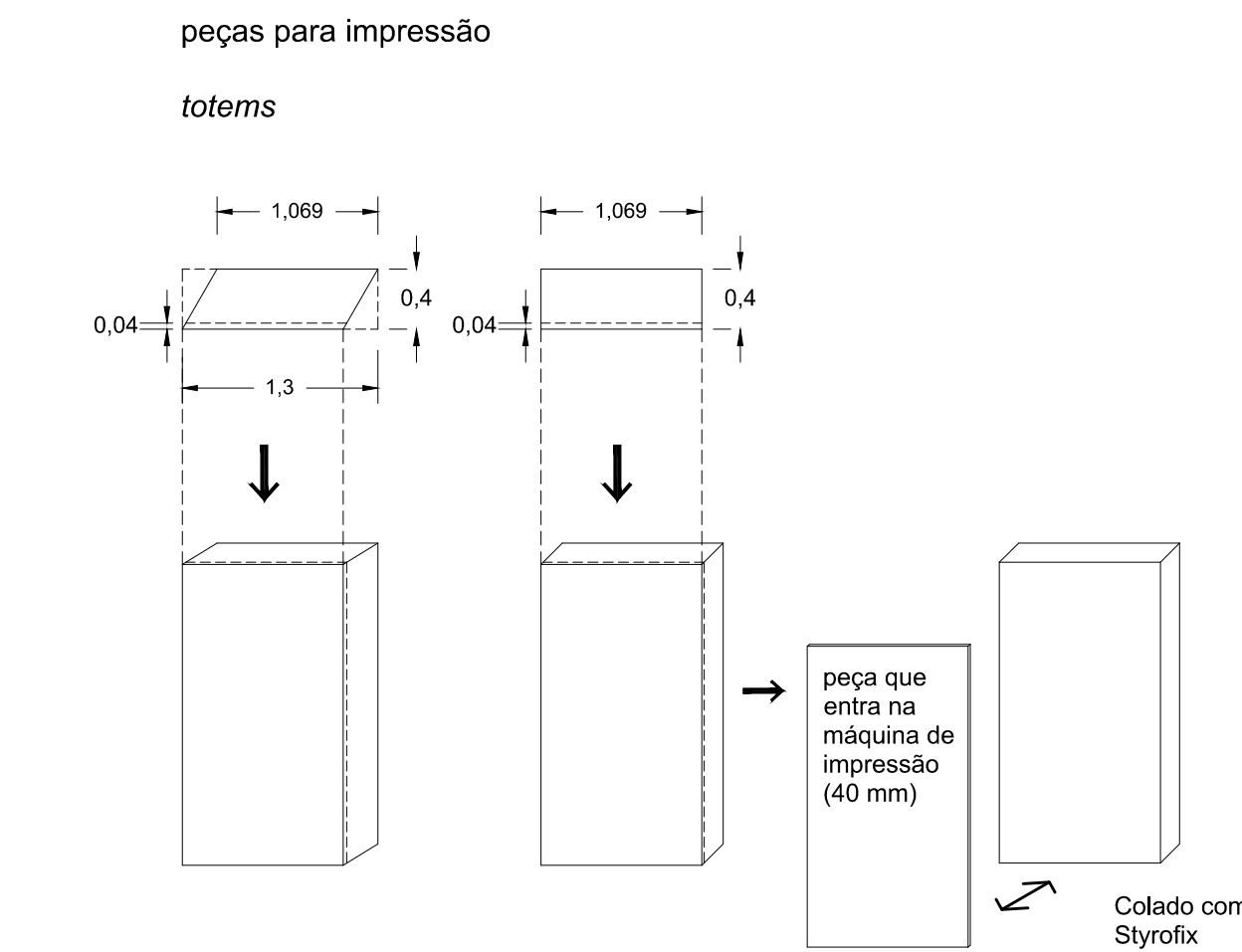
Contagens de peças para *TOTEMS*



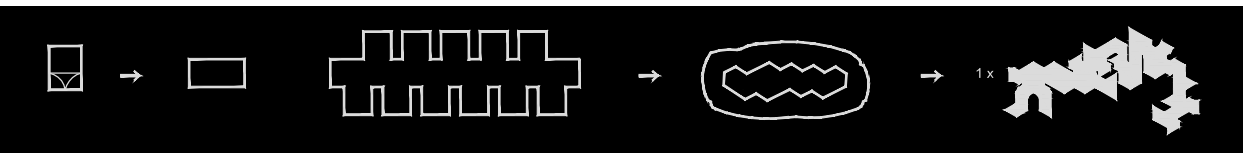
Sobreposição de peças - plinto



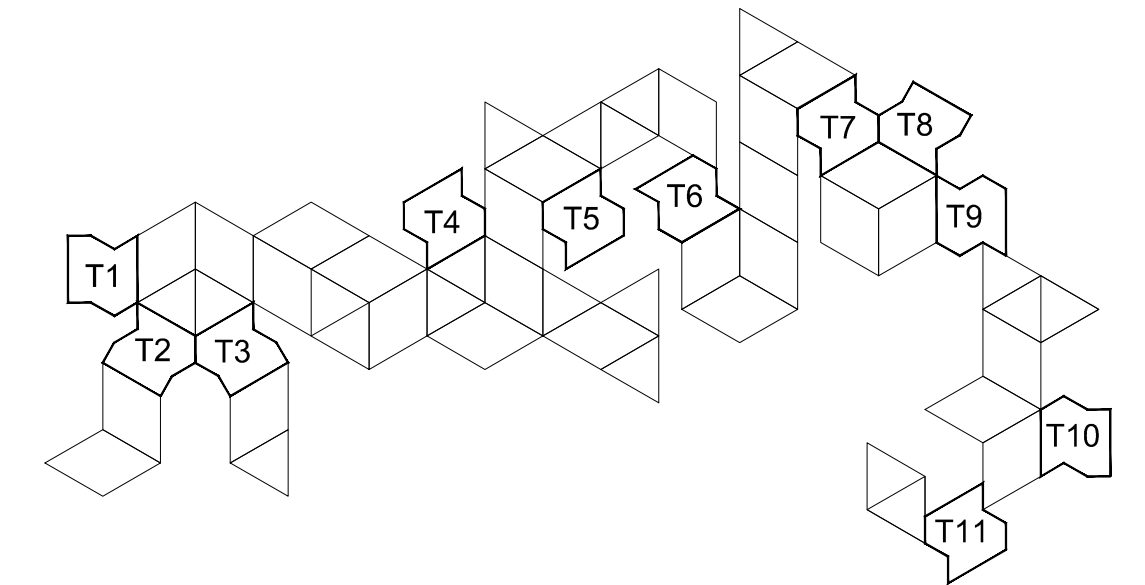
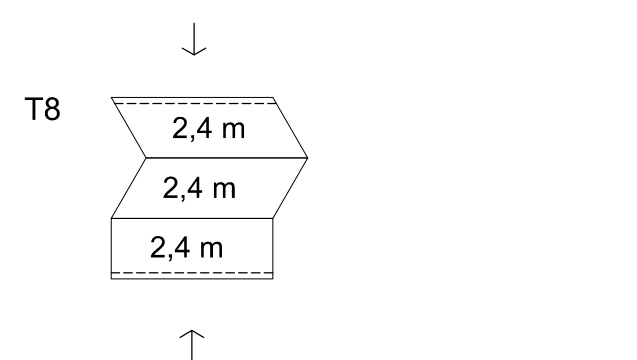
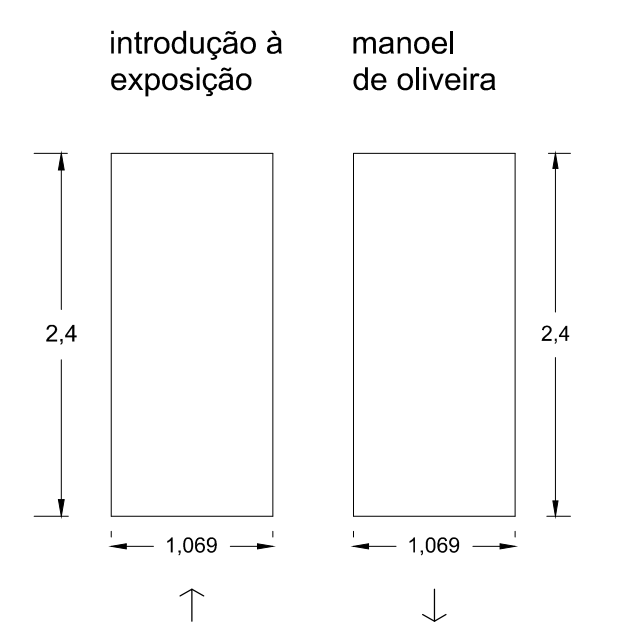
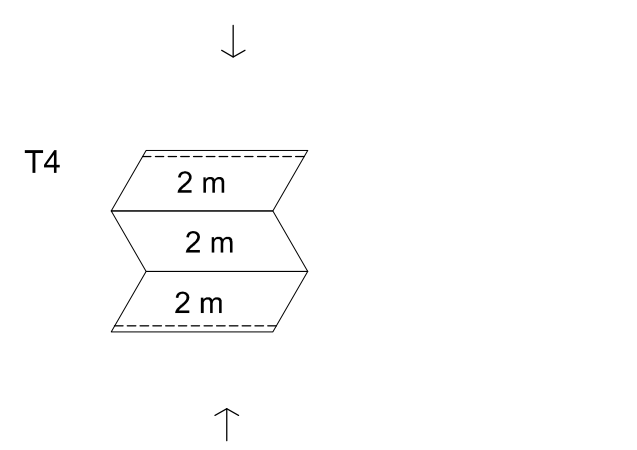
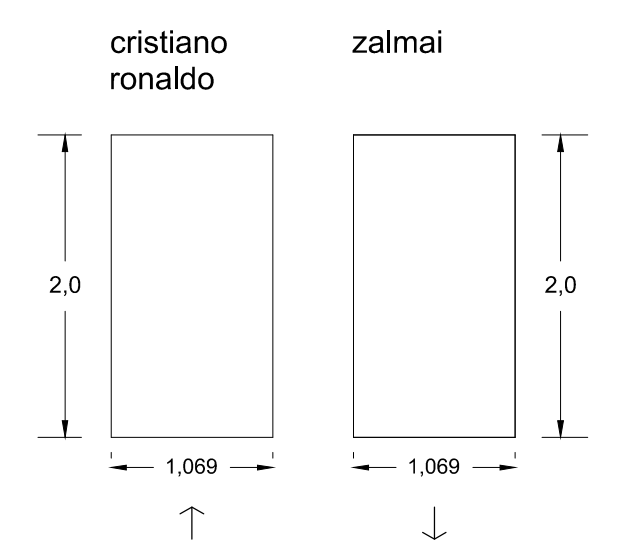
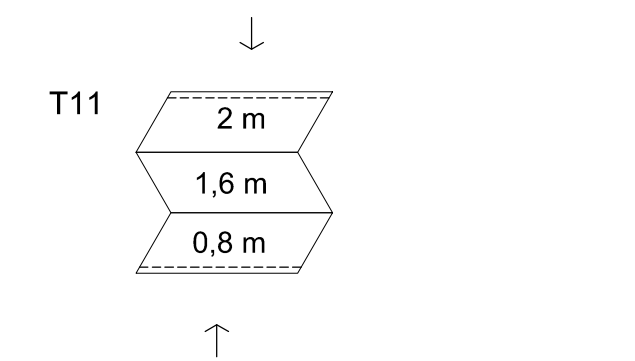
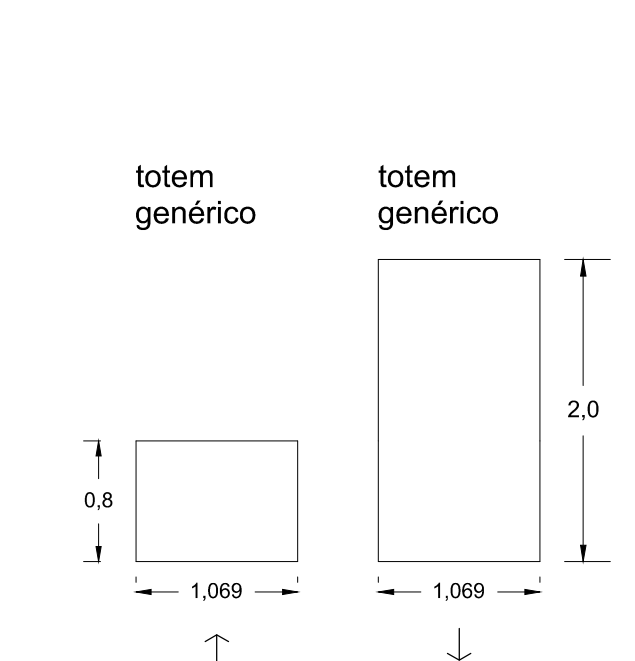
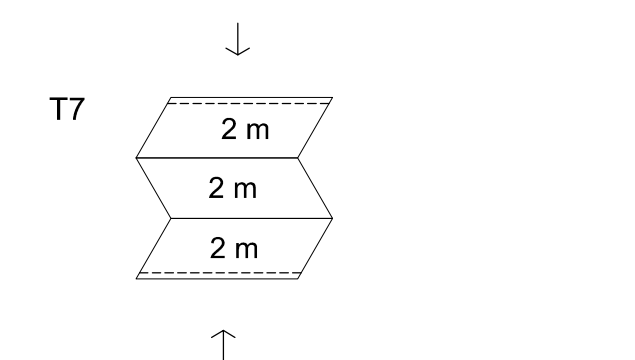
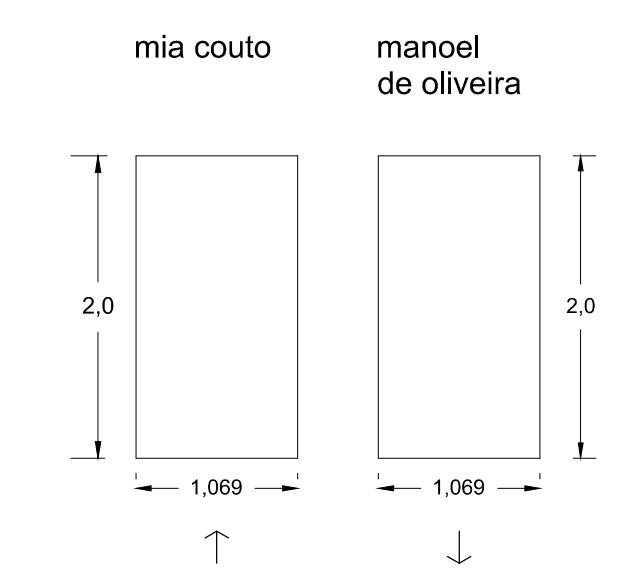
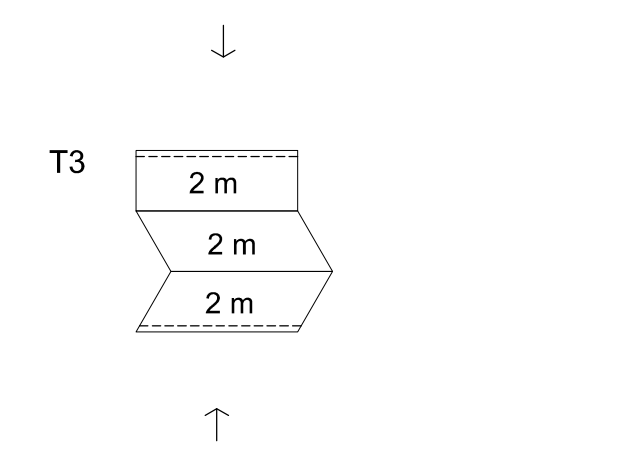
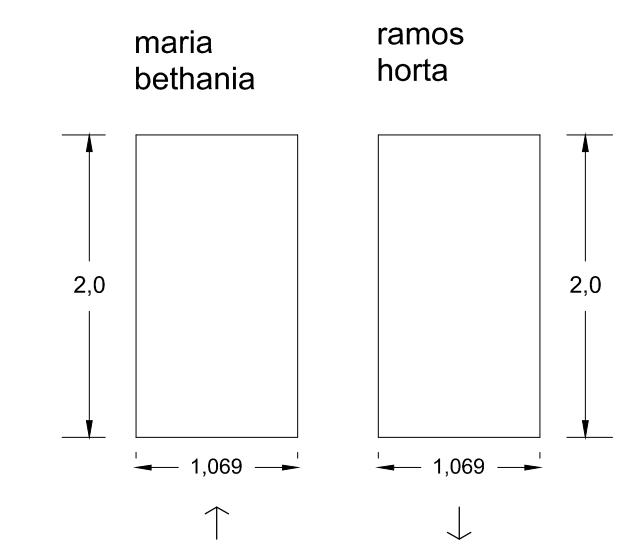
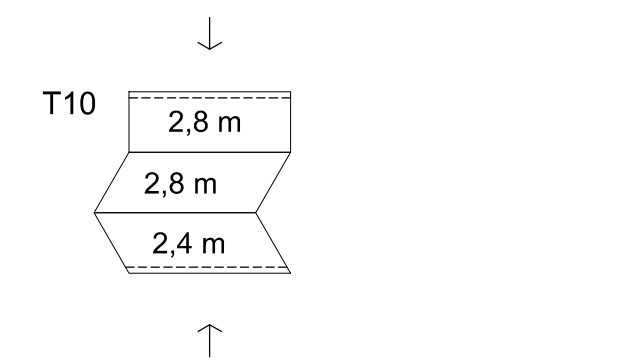
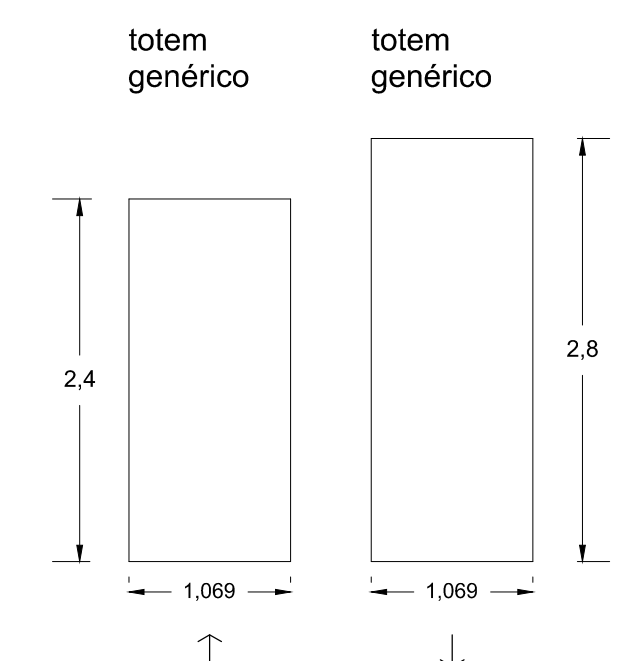
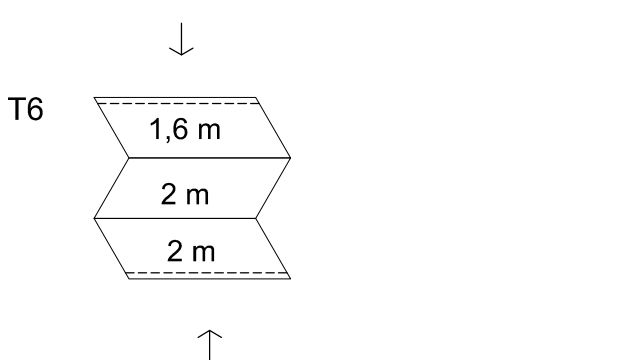
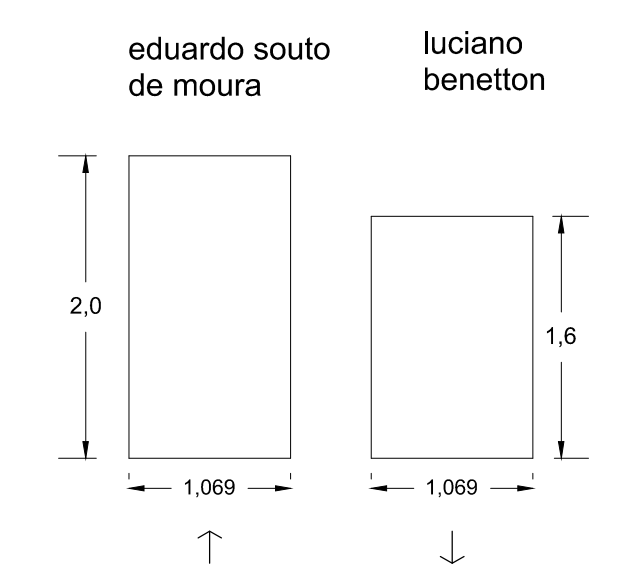
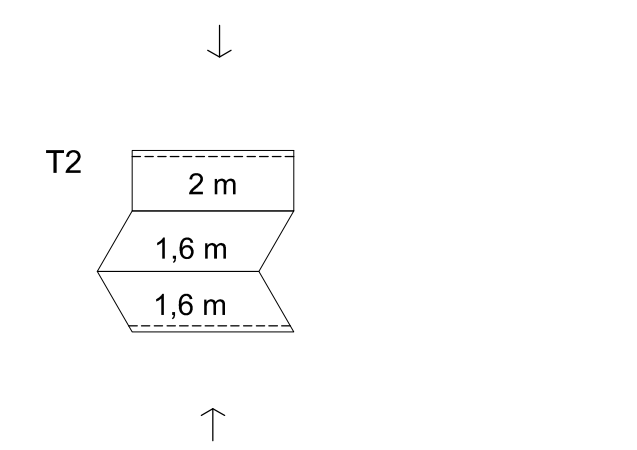
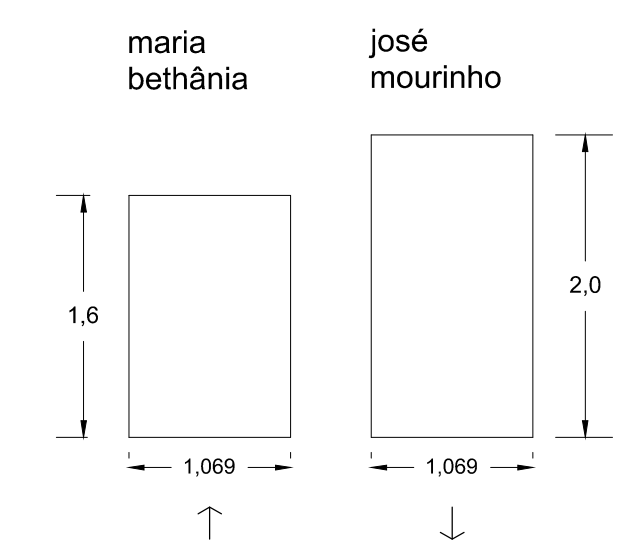
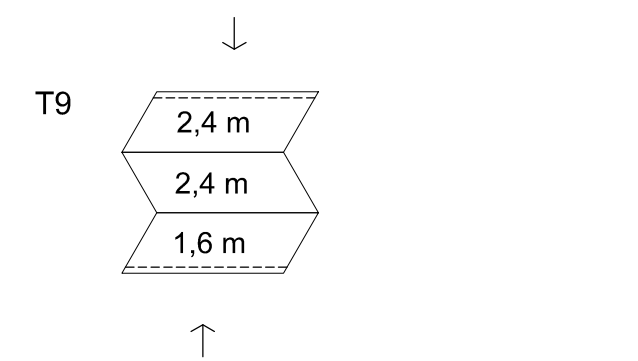
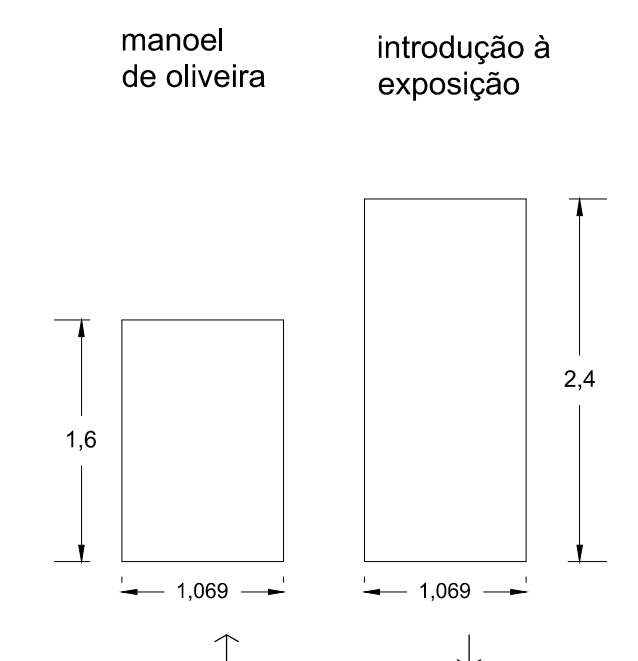
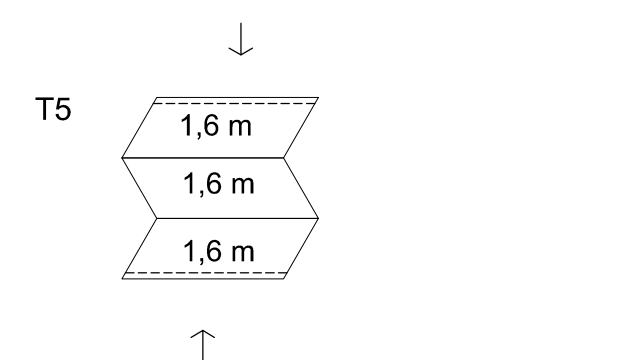
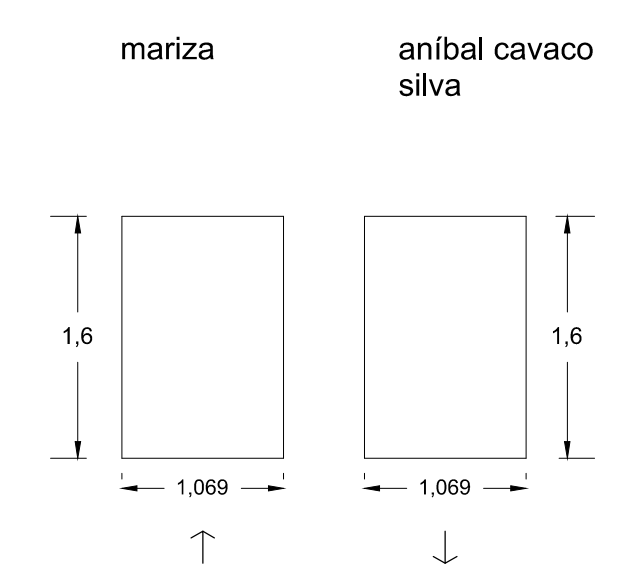
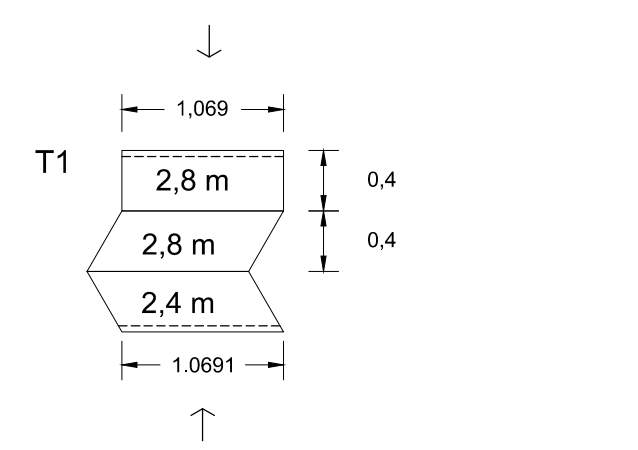
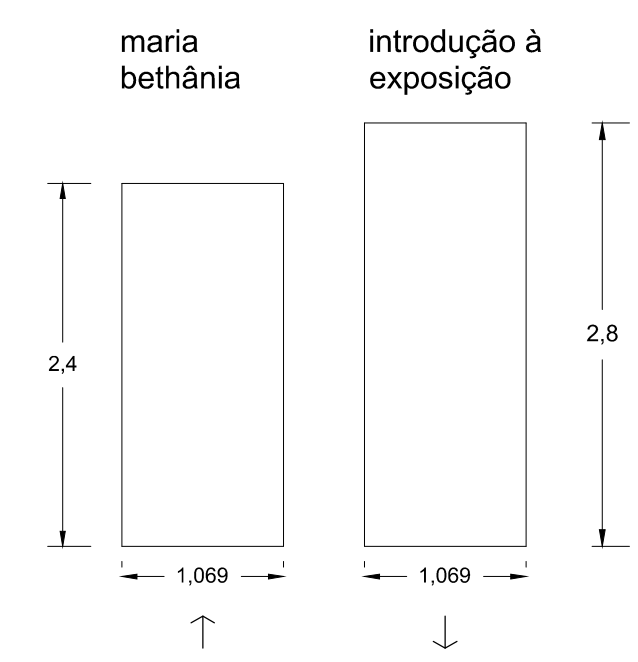
- 1. peça 1 (nº de peças: 37)
- 2. peça 2 (nº de peças: 26)



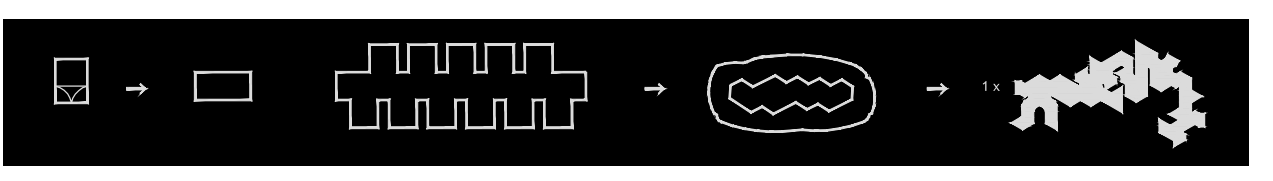
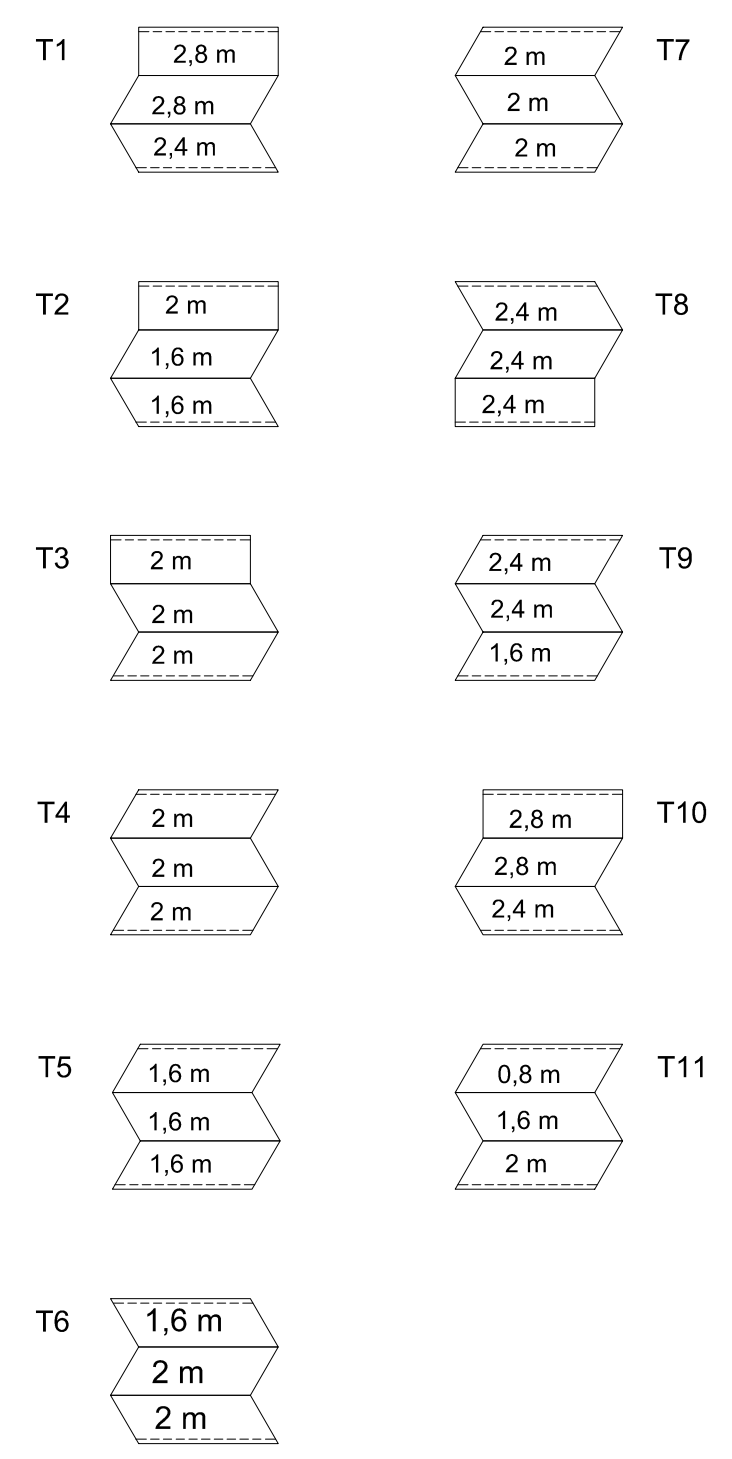
contagem de peças para totems				
2,8 m	2 peças	————	todas as peças para impressão	
2,4 m	1 peça	————	peça para impressão	
2 m	2 peças	————	todas as peças para impressão	
2,8 m	2 peças			
2,4 m	6 peças	————	4 das 6 peças para impressão	
2 m	11 peças	————	7 das 11 peças para impressão	
1,6 m	8 peças	————	5 das 8 peças para impressão	
0,8 m	1 peça		1 para impressão	
total de 33 peças			22 peças de para impressão	
			11 peças sem impressão	

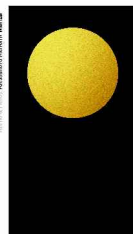


Fase de projeto 4



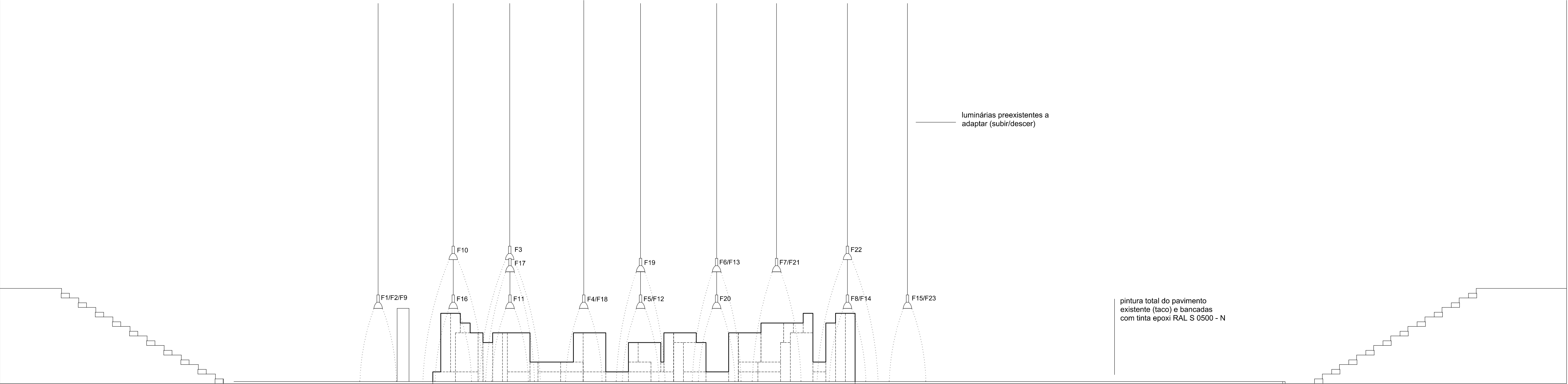
composição dos totems (blocos e alturas)



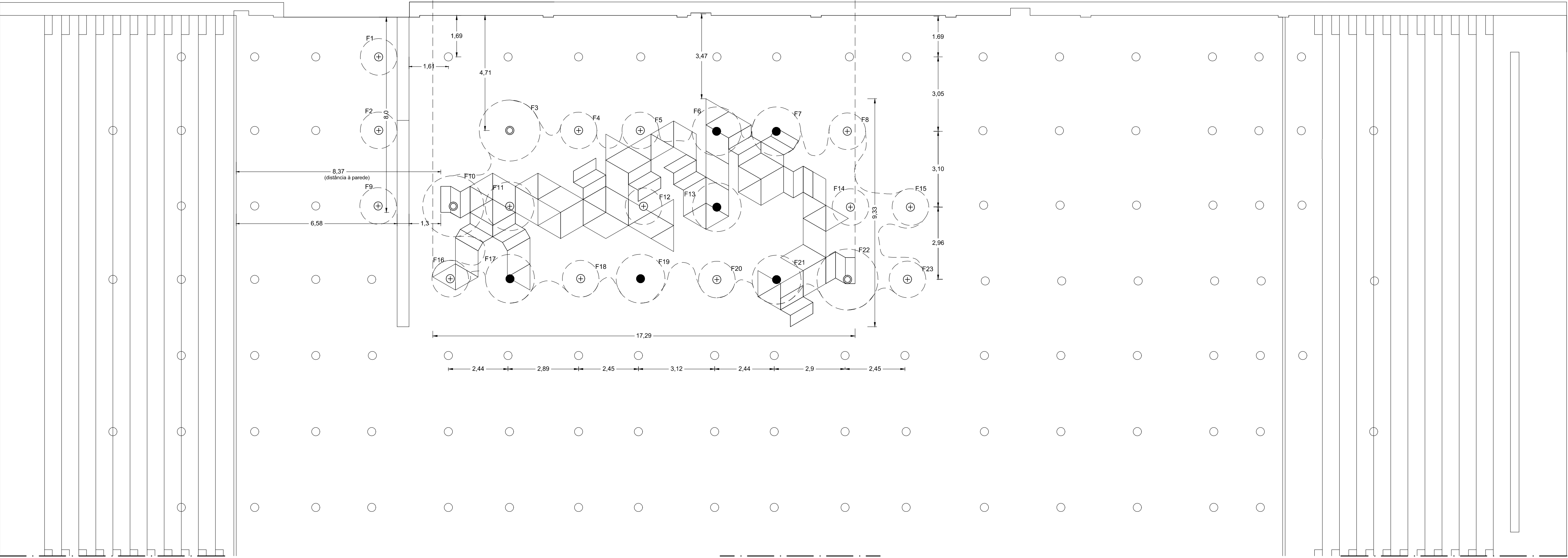


Fase de projeto 4

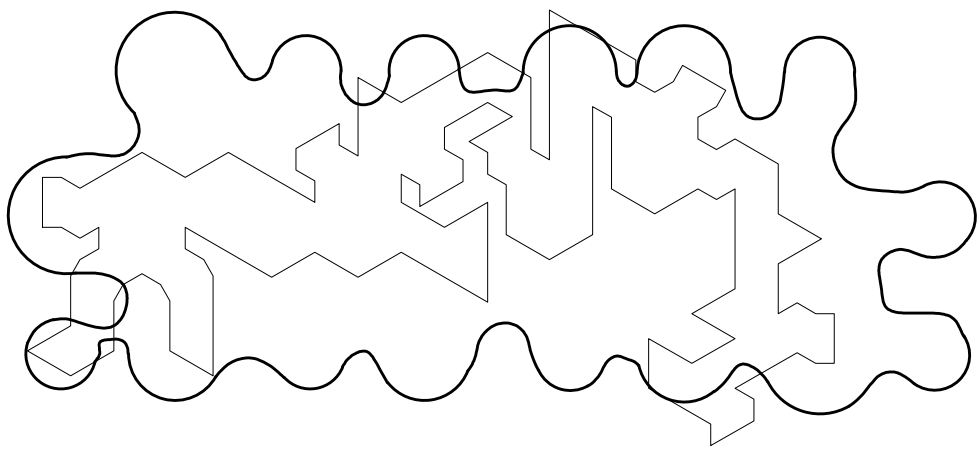
esboço luminotécnico



estimativa de área iluminada
alçado



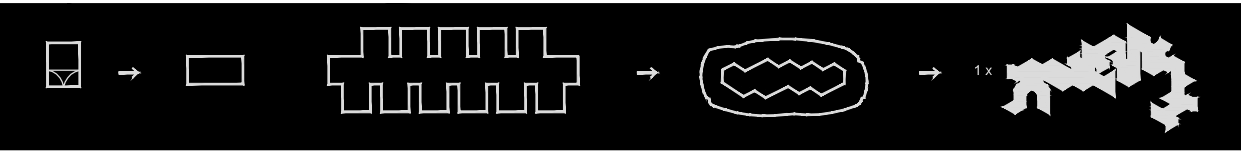
estimativa de área iluminada
planta



luminárias preexistentes

- ⊕ ponto de luz a subir 3 M - F1/F2/F4/F5/F8/F9/F11/F12/F14/F15/F16/F18/F20/F23
- ponto de luz a subir 4,5 M - F6/F7/F13/F17/F19/F21
- ⊙ ponto de luz a subir 5 M - F3 /F10 /f22

Nota: Estimativa de abrangência de áreas iluminadas tendo por base/referência do catálogo *DELTA LIGHT* (The 2011 bible)

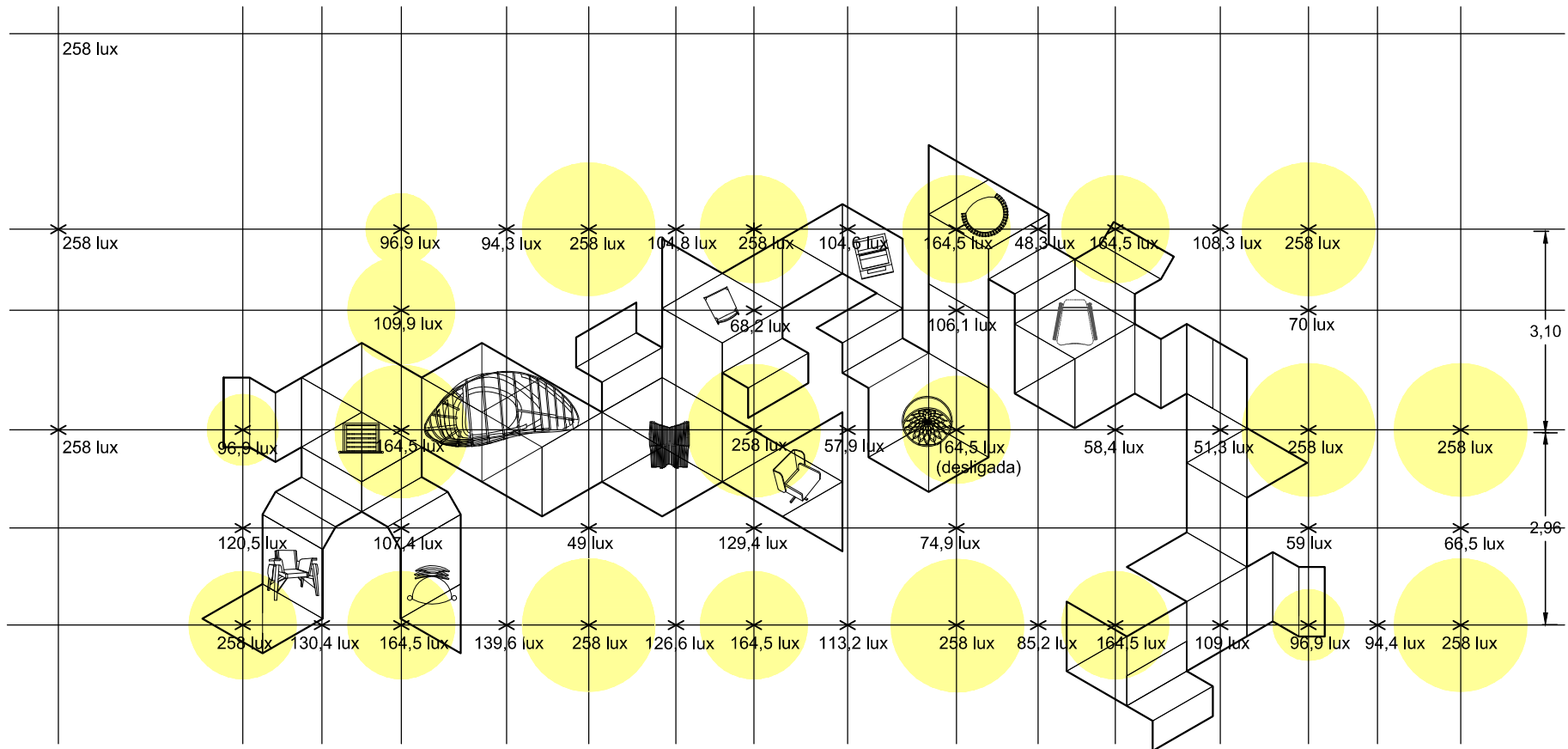


ESAD mónica couto 11707 2011/2012	escala 1.100	
tese de mestrado em design de interiores		
duets exposição - <i>art on chairs</i>	contagem m	12
esboço luminotécnico . Fase final		

Fase de projeto 4

proposta de iluminação

Pré-existência

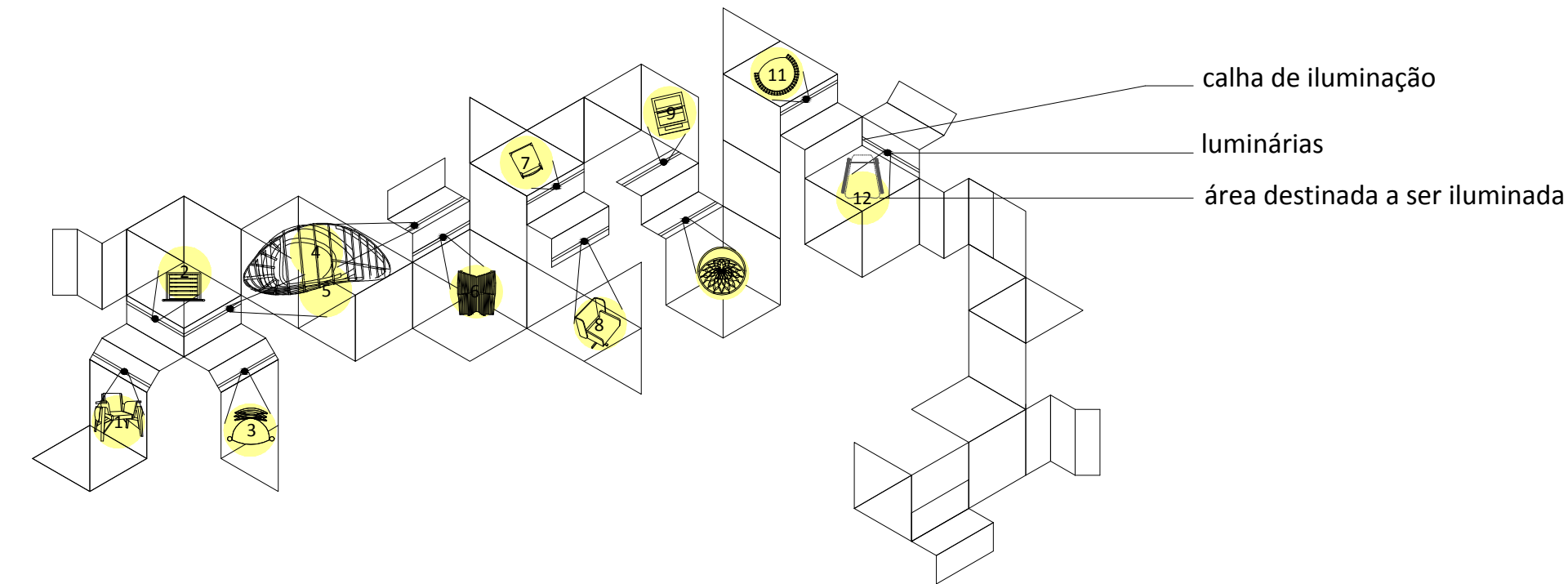


grelha que apresenta as excessivas zonas de sombra e incandescência e os valores do fluxo luminoso de cada luminária e entre cada luminária calculados através de um luxímetro

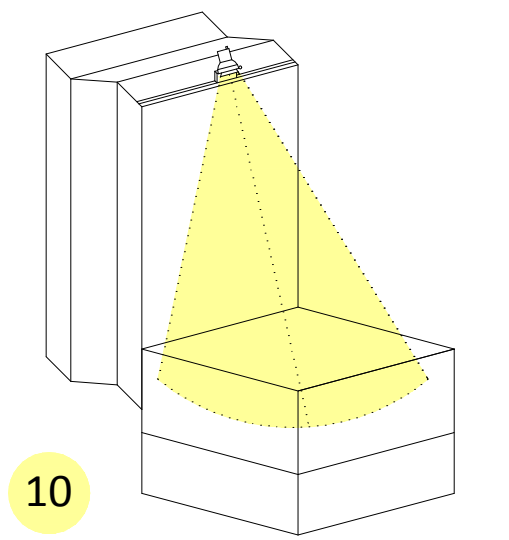


fotografias que demonstram as excessivas zonas de sombra e incandescência da iluminação da pré-existência

proposta de iluminação



planta com a localização das luminárias, áreas destinadas a serem iluminadas e a respetiva iluminância



axonometria do Totem 10 com o sistema de iluminação, escala 1.50

- | | | | |
|---|---------|----|----------|
| 1 | 515 lux | 7 | 1100 lux |
| 2 | 880 lux | 8 | 572 lux |
| 3 | 515 lux | 9 | 554 lux |
| 4 | 692 lux | 10 | 880 lux |
| 5 | 510 lux | 11 | 692 lux |
| 6 | 560 lux | 12 | 413 lux |

(E) - iluminância da nova proposta de iluminação

Pollux Spotlight
with transadpater for low-voltage halogen lamps

73751.000 White (RAL9002)
QR-CBC51-RE 35W 12V GU5.3 10°
QR-CBC51-RE 35W 12V GU5.3 60°

Housing and bracket: cast aluminium, powder-coated. 0°-90° tilt. Bracket on transadpater rotatable through 360°.
ERCO Transadpater for 3-circuit track: plastic. Electronic transformer 220-240/12V. Potentiometer for brightness control 10%-100%. LED function indicator. Circuit pre-selection.
Anti-glare ring: metal, black powder-coated, attached to the spotlight by means of a circular spring; to be removed for lamp replacement.
Use dimmers for electronic transformers (trailing edge).
Weight 0.32kg
ENEC17, Protection Class II, CCC, GOST

QR-CBC51-RE 35W 900 lm
Housing colour White

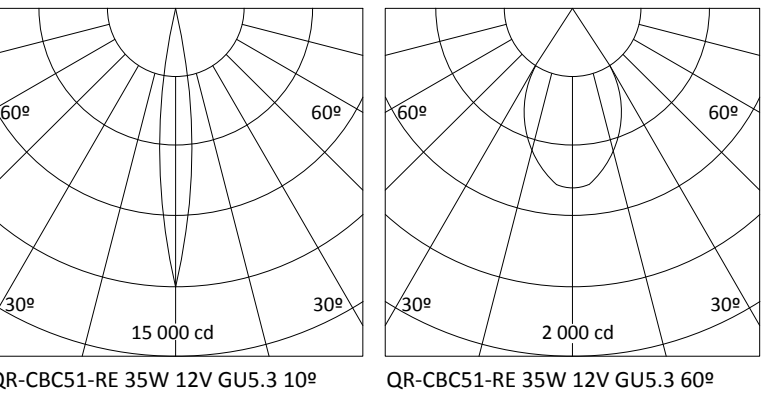
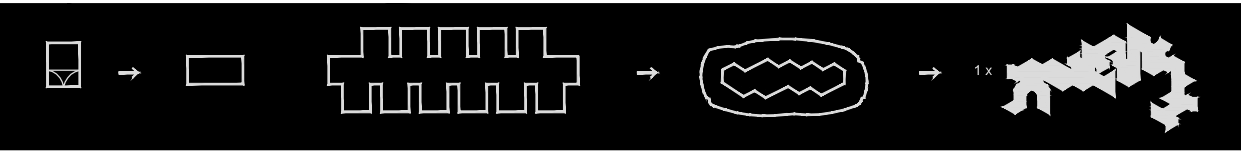


diagrama fotométrico

Nota: Informação tendo por base/referência o catálogo *ERCO* (2012)



ESAD mónica couto 11707 2011/2012	escala 1.100	13
tese de mestrado em design de interiores		
duets exposição - <i>art on chairs</i>	contagem m	
proposta de iluminação . Fase final		