

archive
/ Lost Memory of Brno

Prokop Matěj

Independent Group

tutors: Daniel Rosbottom, Mark Pimlott,
Mauro Paravicini, Thomas Weaver

Interiors Buildings Cities, TU Delft

2018



Palimpsest, Philippe Braquenier

disembodied space in a present-day archive



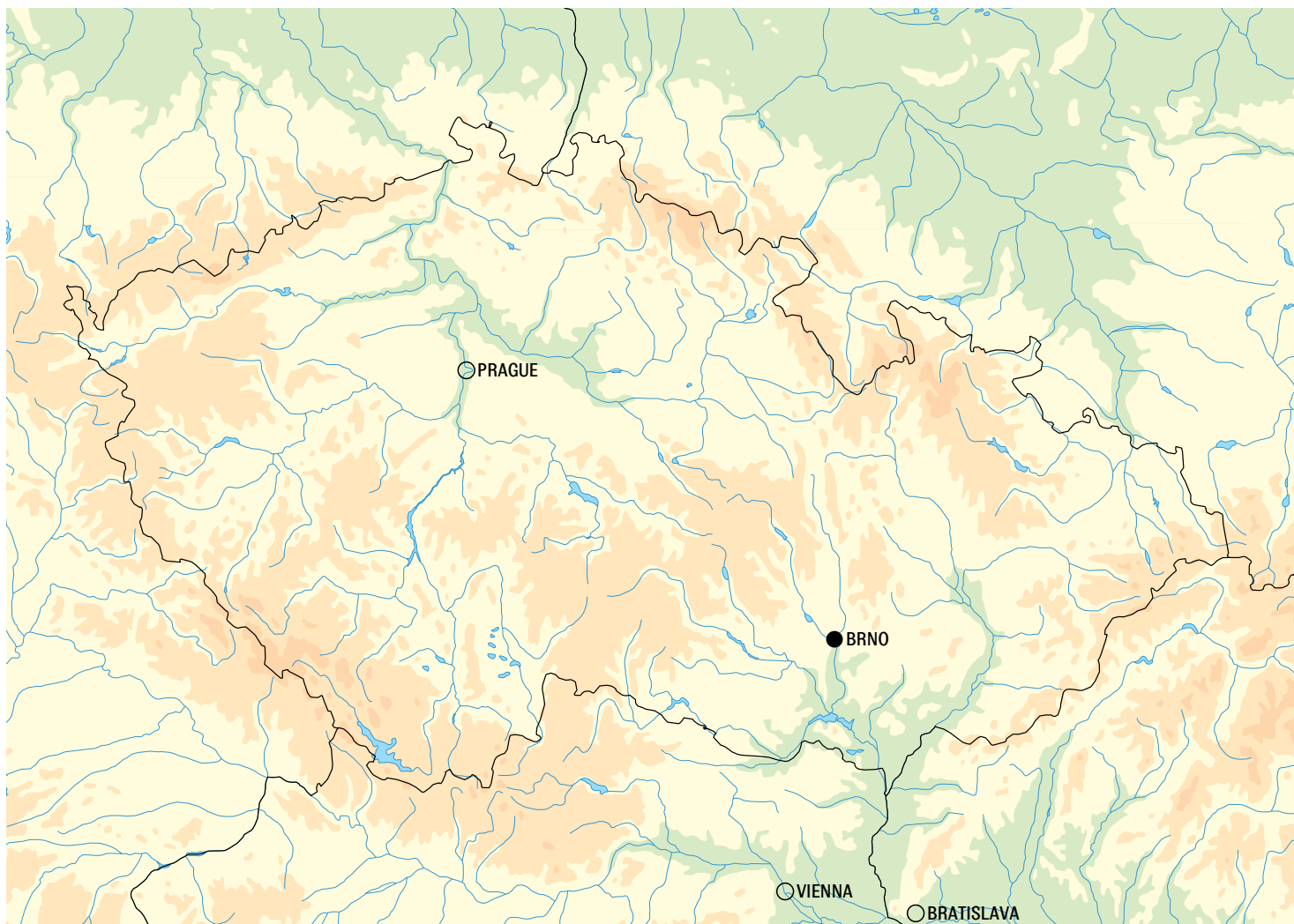
Looking for Lenin, Niels Ackermann

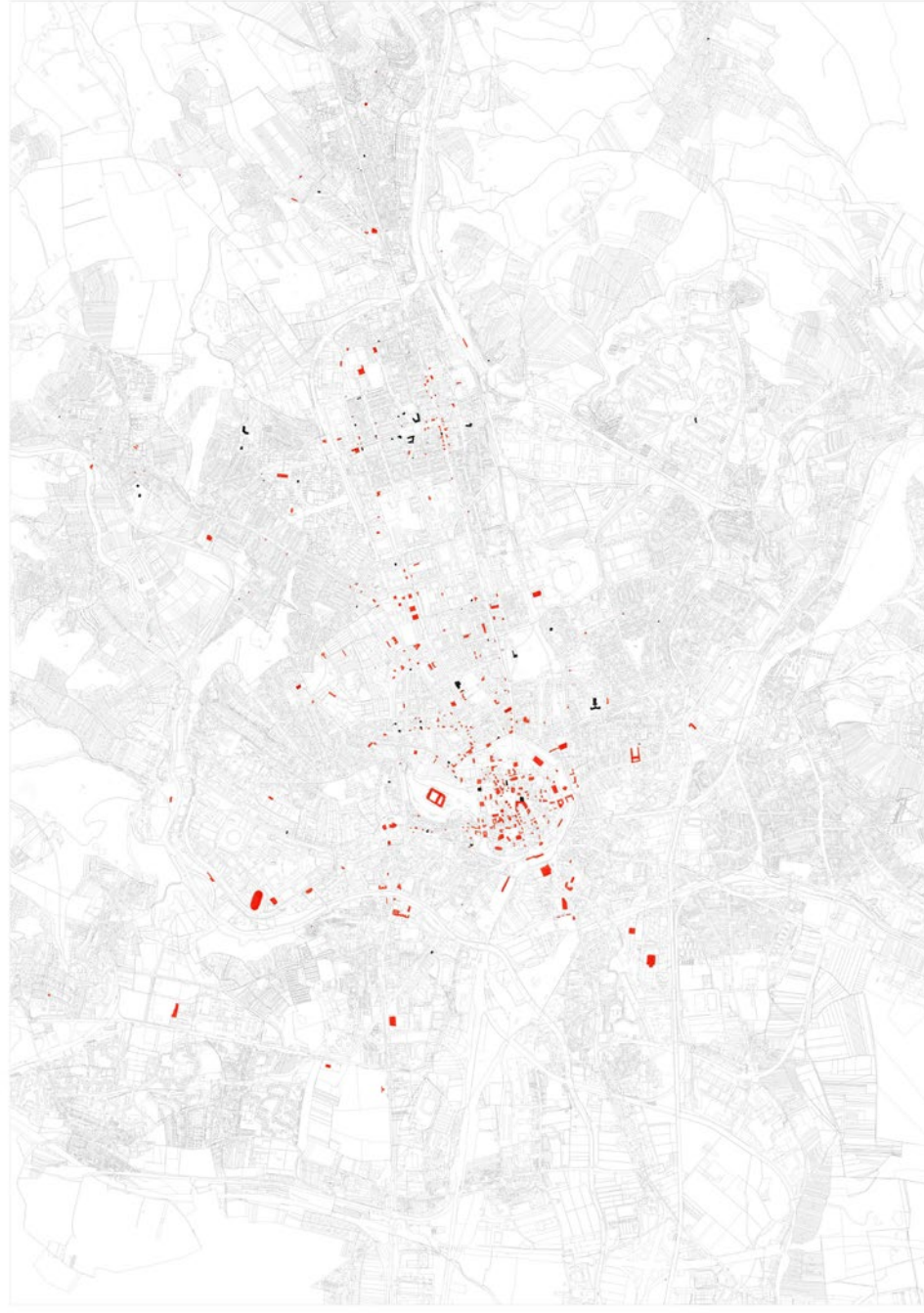
iconoclasm and variable values



Graveyard of bells and sculptures at the
Maniny metals scrapyard, Prague
Josef Sudek

iconoclasm and variable values







archive
/ ~~Lost~~ Memory of Brno

/ ARCHIVE

an archive is a service or institution that

**collects,
classifies,
conserves,
and makes accessible**

B 0 0 0 0
name BRNO
year 2019
description Archival box 594mm x 420mm x 120mm
author PM
source

L 0 0 0 0
name LABOUR
year 2019
description booklet 420mm x 420mm x 120mm
author PM
source

R 0 0 0 0
name ROMA
year 2019
description archival box 420mm x 420mm x 120mm
author PM
source



B 0 0 0 0
BRNO



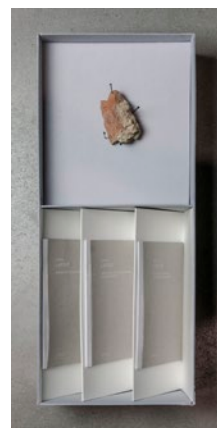
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ROMA



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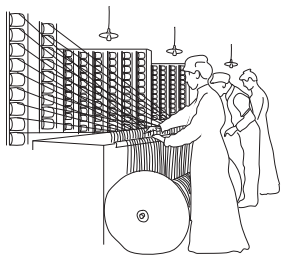
R 0 0 0 0
ROMA

archive
/ Lost Memory of Brno

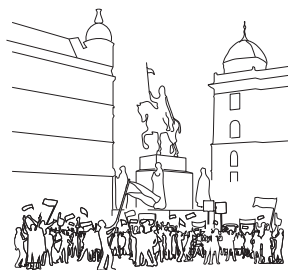
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/ BRNO

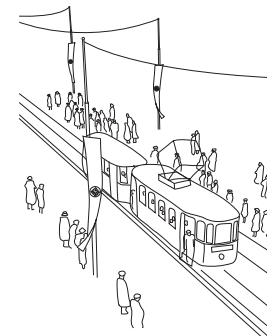




1. industrial boom of the 19th century and increasing social disparity



2. establishment of Czechoslovakia in 1918



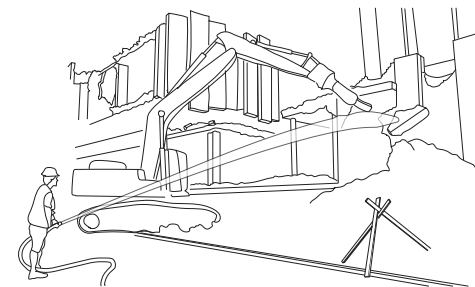
3. Jewish and Roma holocaust, 1938 - 1945



4. expulsion of Germans known as 'Brno Death March', 1945



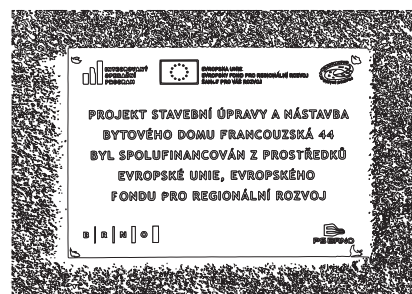
5. period of decay, 1948 - 1989



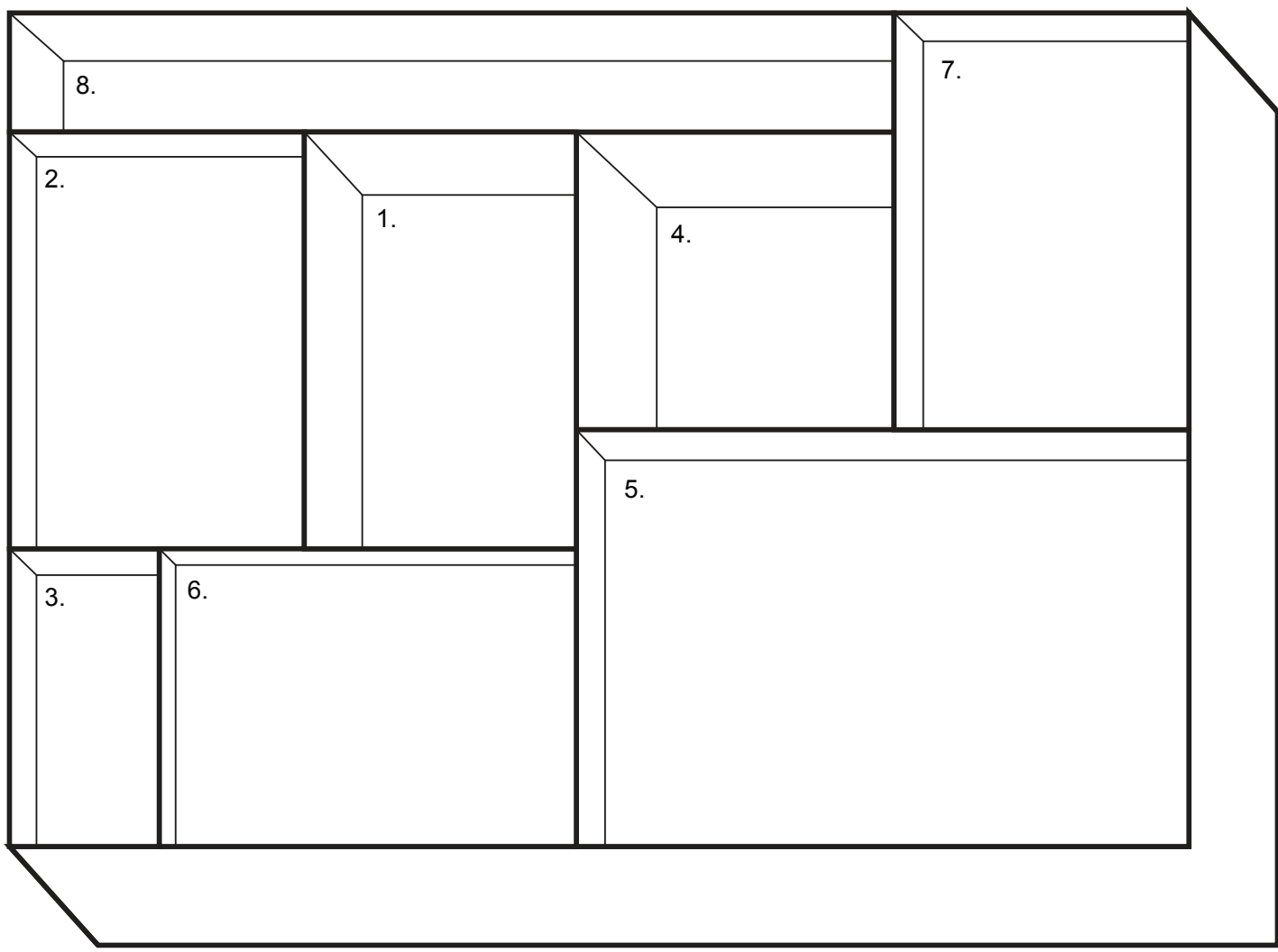
6. 'iconoclasm' of depreciated architecture from the Communist era

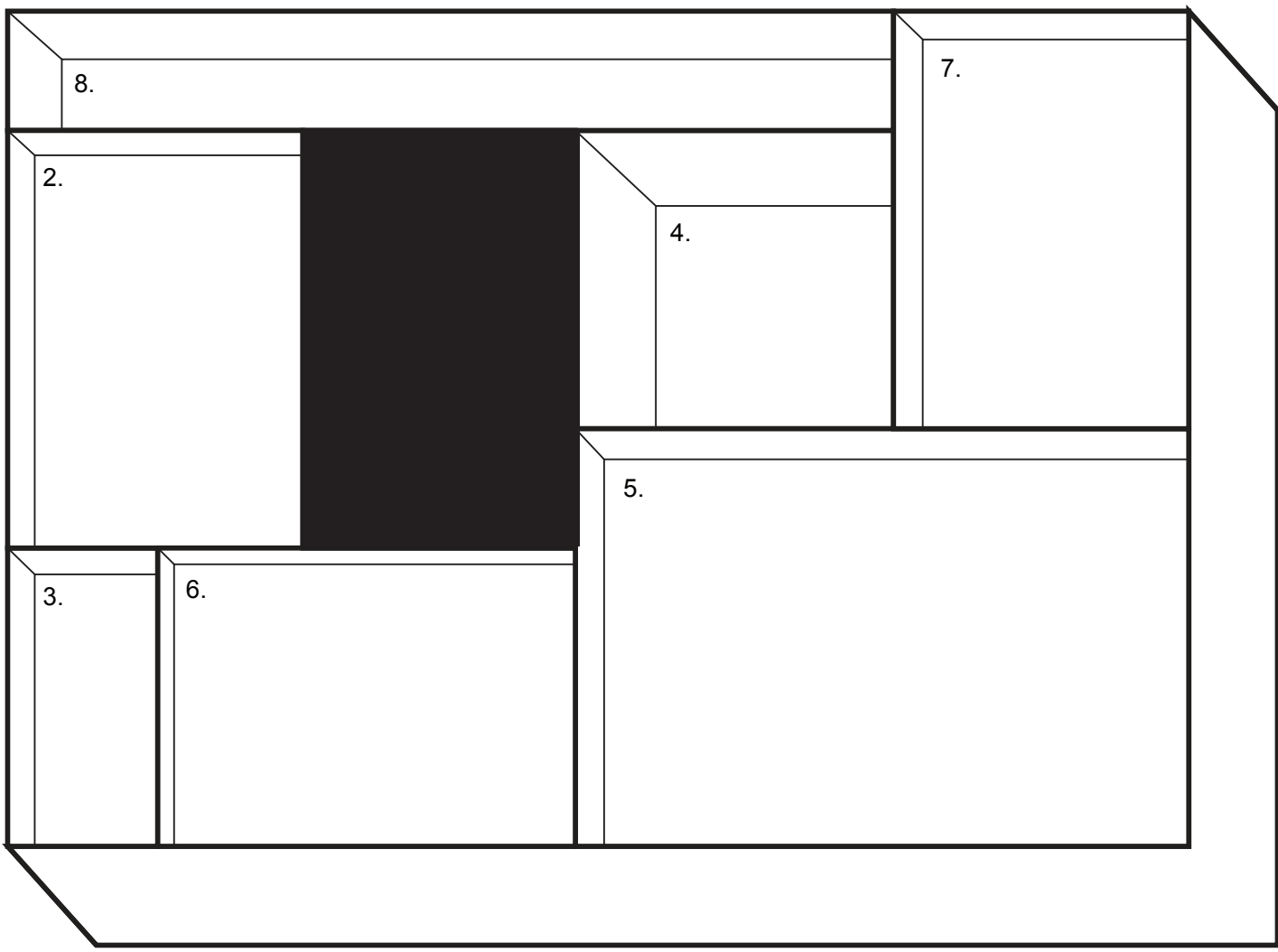


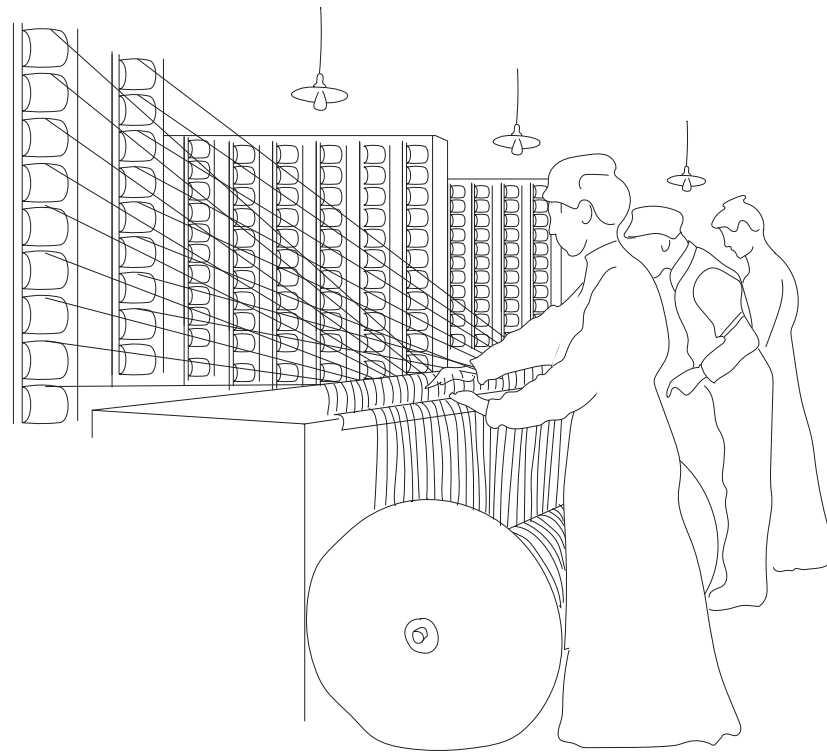
7. shopping mania after the market release in 1990s
(zastavárna - pawnshop)



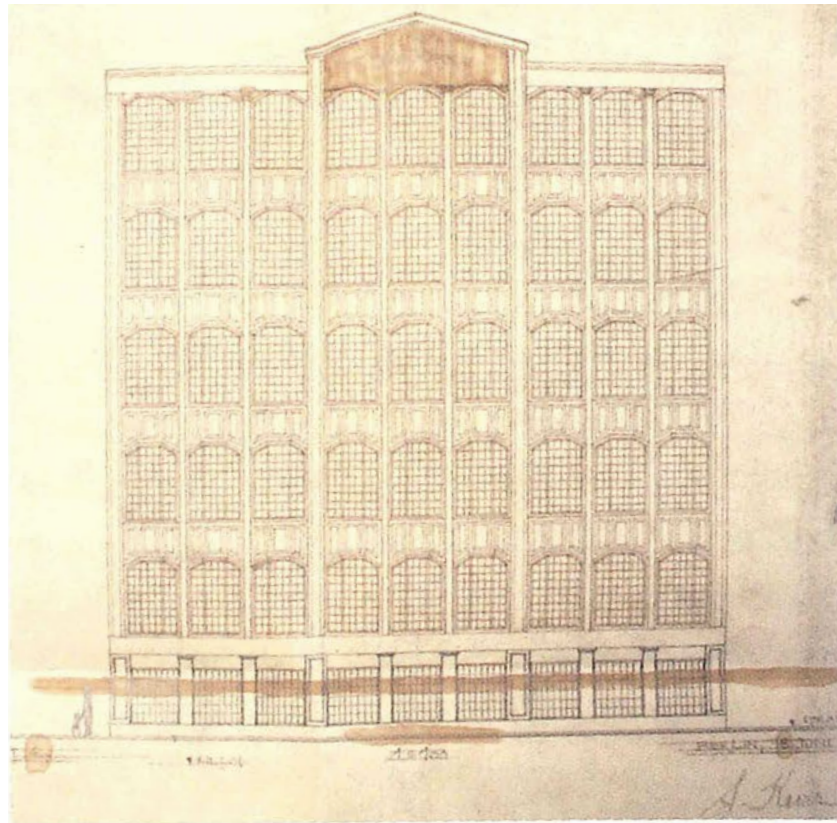
8. era of European funding and 'facelifting' of the area



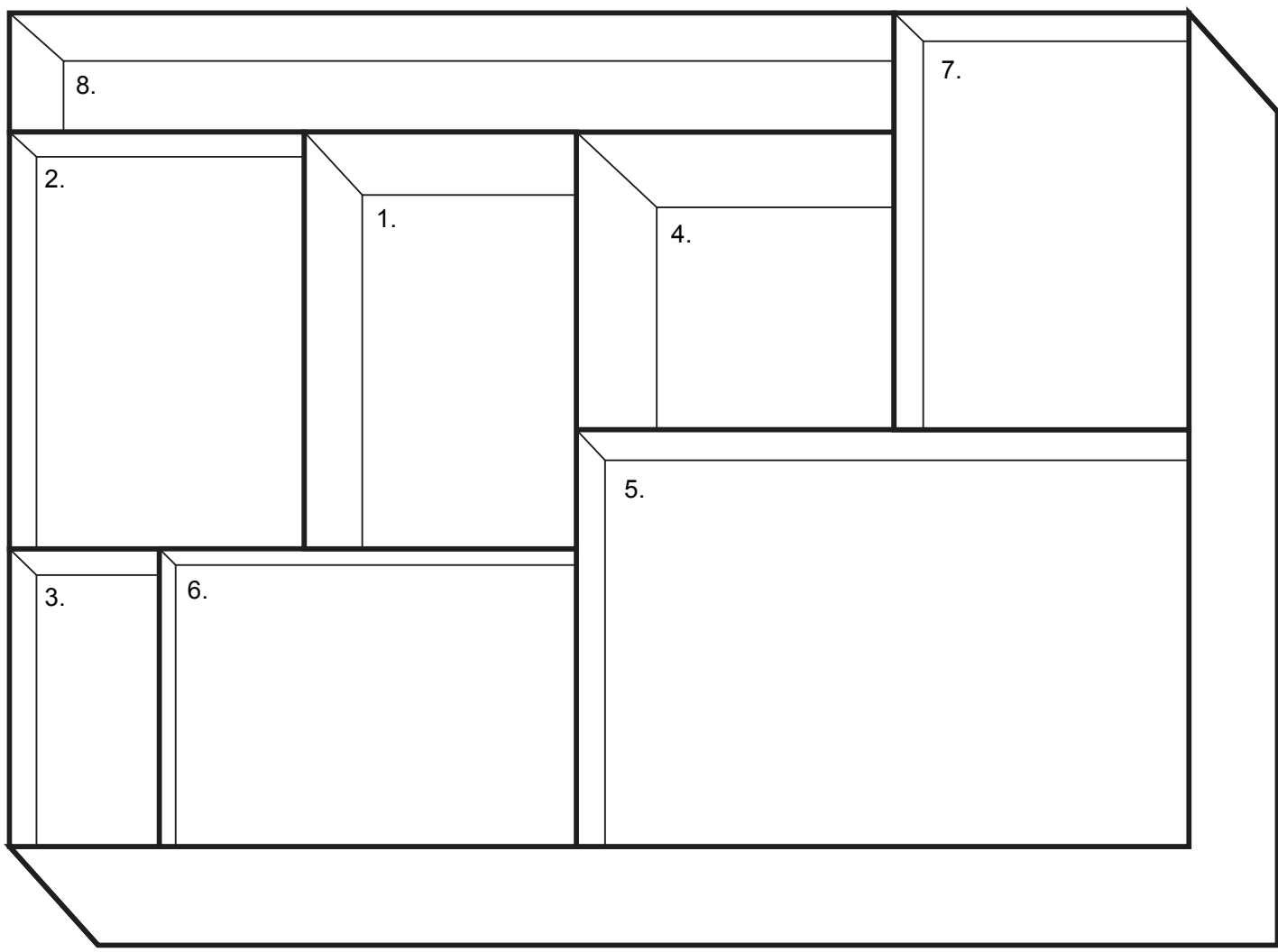


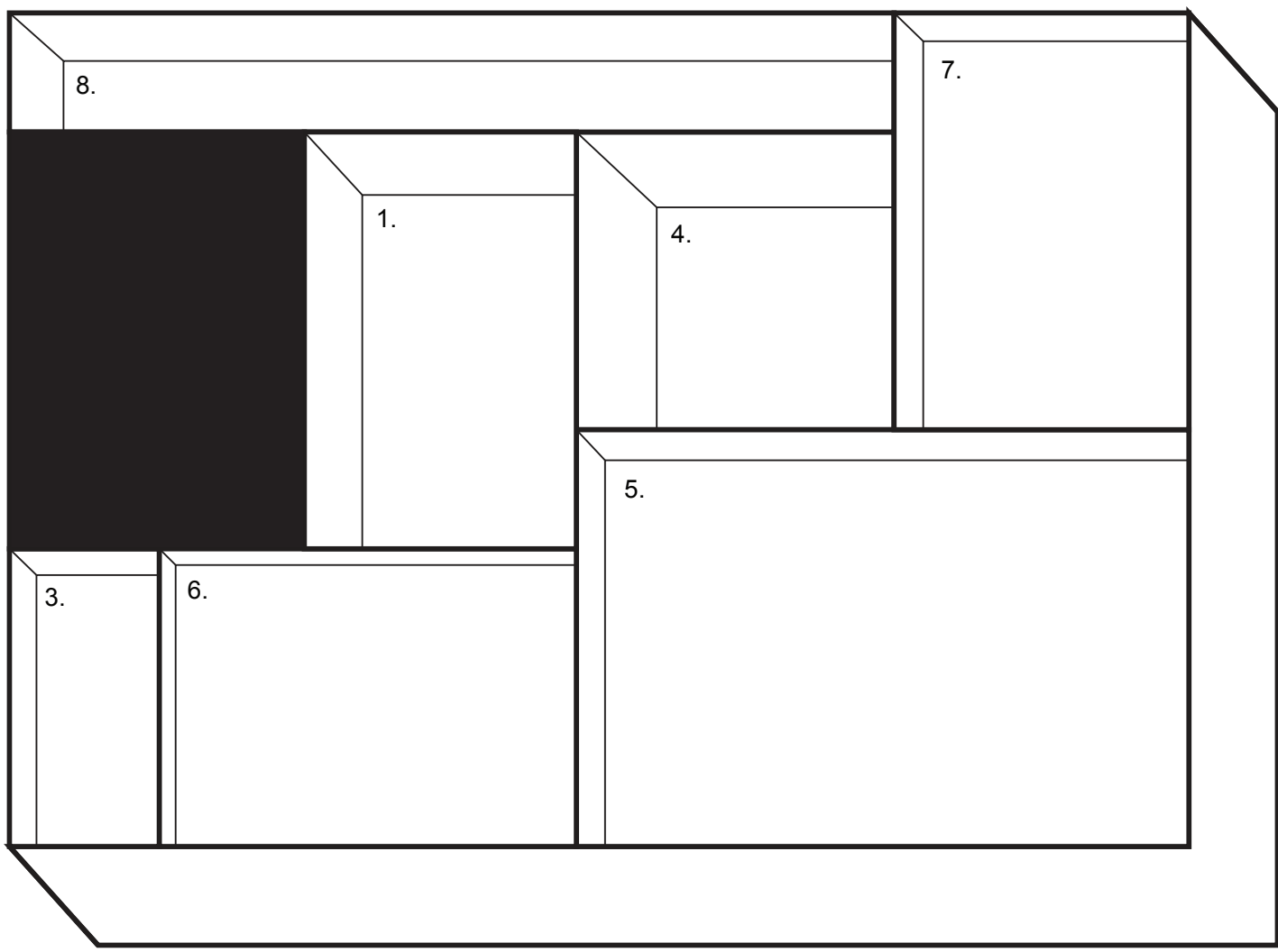


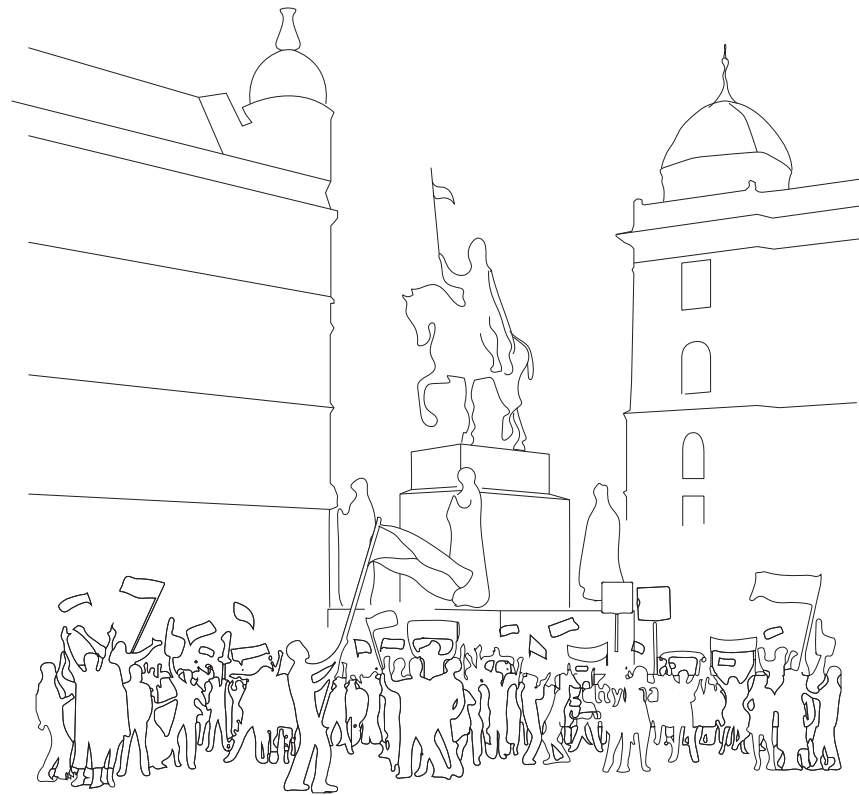
1. industrial boom of the 19th century and increasing social disparity



LT 003
Moritz Fuhrmann Factory, original plan of the main facade
1913







2. establishment of Czechoslovakia in 1918

Sbírka zákonů a nařízení státní československé.

Částka XLIII.

Vydána dne 23. dubna 1919.

Obsah: (1. 209.—214.) 209. Zákon, kterým se povoluje státní subvence tři pětina skutečného nákladu až do výše 9,080.000 K na provádění nouzových prací v Praze. — 210. Zákon o úpravě poměrů družstev na Slovensku. — 211. Zákon o stavebních úlevách, kterým se doplňují, případně mění ustanovení některých paragrafů nynějšího stavebního řádu pro hlavní město Prahu a okolí, daného zákonem ze dne 10. dubna 1886, č. 40 z. l. — 212. Zákon, jímž se zřizuje zemská správní komise pro Slovensko. — 213. Zákon o sloučení sousedních obcí v Brně. — 214. Zákon o sloučení sousedních obcí a Olomoucem.

Čís. 209.

Zákon ze dne 15. dubna 1919,
kterým se povoluje státní subvence tři pětina
skutečného nákladu, až do výše 9,080.000 K na pro-
vádění nouzových prací v Praze.

Na základě usnesení Národního shromáždění
nařizuje se:

§ 1.

Ke krytí nákladů na provádění nouzových
prací v Praze povoluje se:

- a) na zemní práce a zahradní úpravu na pozemcích bývalých lomů Strahovských tři pětina skutečného nákladu, nejvýše 1,200.000 korun;
- b) na stavbu silnice z Holešovic do Bubence tři pětina skutečného nákladu, nejvýše však 1,500.000 K;
- c) na dlažební práce tři pětina skutečného nákladu, nejvýše však 600.000 K;
- d) na práce kanalizační, a to rušení staré sítě stokové, vystavění výpusti č. 28, stavbu sběrače č. 2 a stoky v ulici Nádražní tři pětina skutečného nákladu, nejvýše však 791.400 K;
- e) na stavbu mulostranského nádrže tři pětina nákladu, nejvýše však 87.000 K;
- f) na práce vodárské, a to stavbu přečerpací stanice u Brusky a dvou vodojemů na Andělece tři pětina nákladu, nejvýše však 4,901.600 korun.

§ 2.

Veškeré tyto stavby buďtež neodkladně za-
dány veřejným nabídkovým řízením.

§ 3.

Ministru veřejných prací se ukládá, aby pro-
vedl tento zákon.

§ 4.

Zákon tento nabývá účinnosti dnem vyhlášení.

T. G. Masaryk v. r.

Švehla v. r., v zastoupení minist. předsedy,
Staněk v. r.

Čís. 210.

Zákon ze dne 15. dubna 1919
o úpravě poměrů družstev na Slovensku.

Podle usnesení Národního shromáždění se
nařizuje:

§ 1.

XXIII. uherský zákonný článek z r. 1898
pozbývá platnosti pro území Slovenska pouze,
pokud upravuje styky se zemským ústředním
ústředním sdružením (Országos központi hitel-
szövetkezet).

§ 2.

Družstva na Slovensku, založená podle
XXIII. uherského zákonného článku z r. 1898,
pokud jsou členy „Országos központi hitel-
szövetkezet“-u v Budapešti, povinná jsou vypovědět
toto členstvo před koncem července 1919 usne-
sením valného shromáždění.

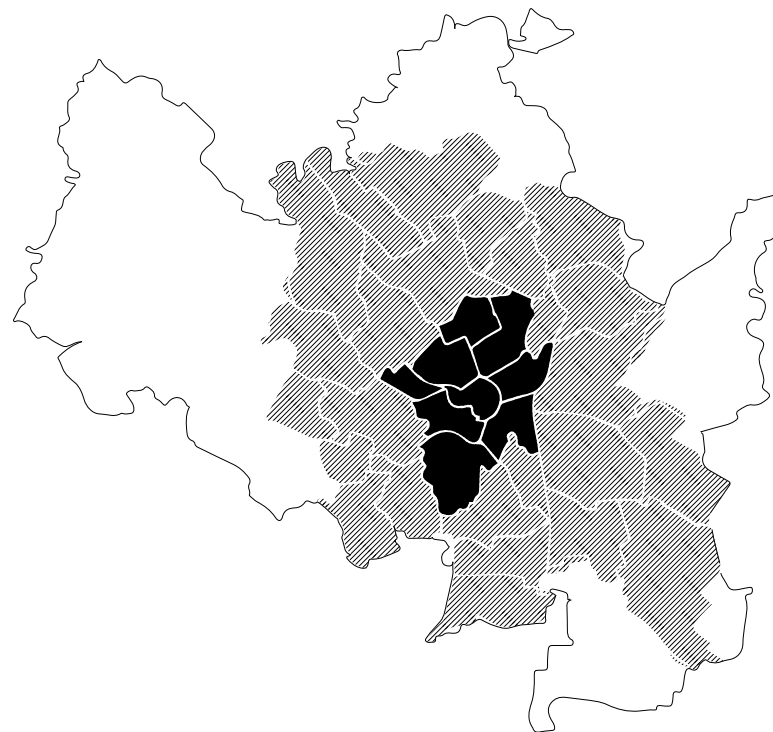
Právě tak povinná jsou všechna družstva
na Slovensku, ať jsou založena podle XXIII.
uherského zákonného článku z r. 1898 nebo podle
XXXVII. uherského zákonného článku z r. 1875,
usnesením valného shromáždění před koncem
července roku 1919 vypovědět svoje členství v kte-
rekoliv jiné družstevní centrále, pokud tato sídlí
mimo hranice státu Československého.

Nečiní-li tak do označené lhůty (před kon-
cem července 1919), jest Ústřední družstvo
oprávněno přičlenit je k sobě a jejich jménem
vypovědět členstvo k bývalému ústředí do jed-
noho měsíce.

Bez ohledu na to, byla-li výpověď tato už
dána, čili nic, zakazuje se družstvům na Slo-
vensku podrobovat se revisi cizozemských
centrál, obchodovat s nimi, přebítky svoje
u nich ukládat anebo přitýkky u nich uzavírat.

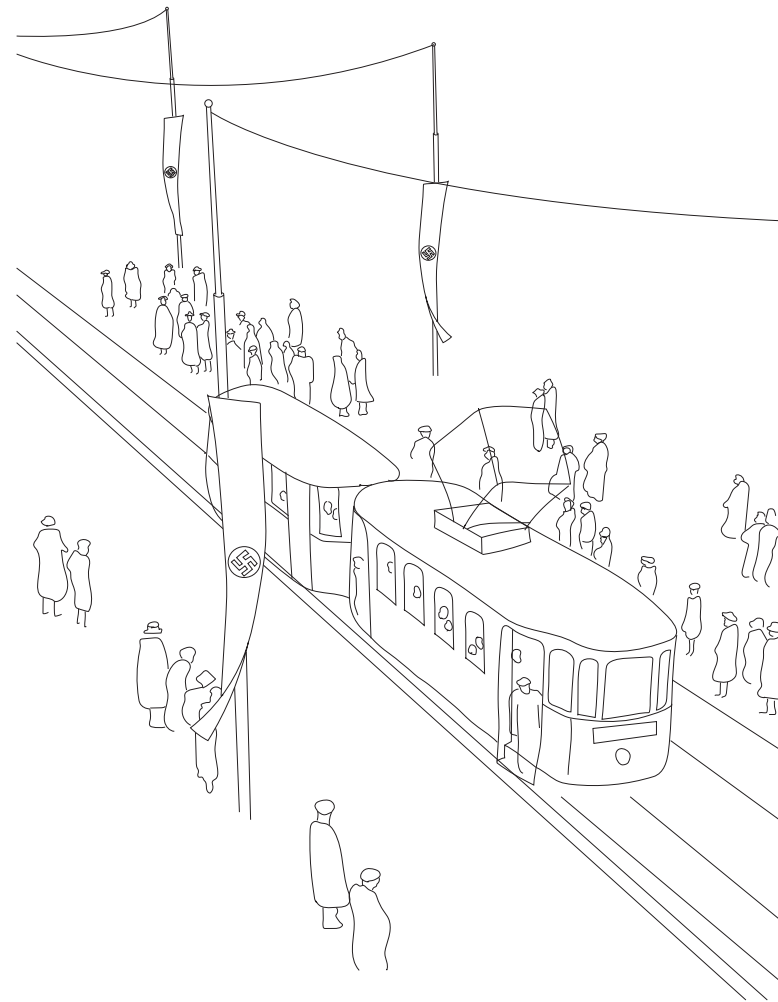
Současně s výpovědí členstva u centrály
cizozemské stávají se členy Ústředního družstva
v Bratislavě, není-li družstvo ještě jeho členem.

46

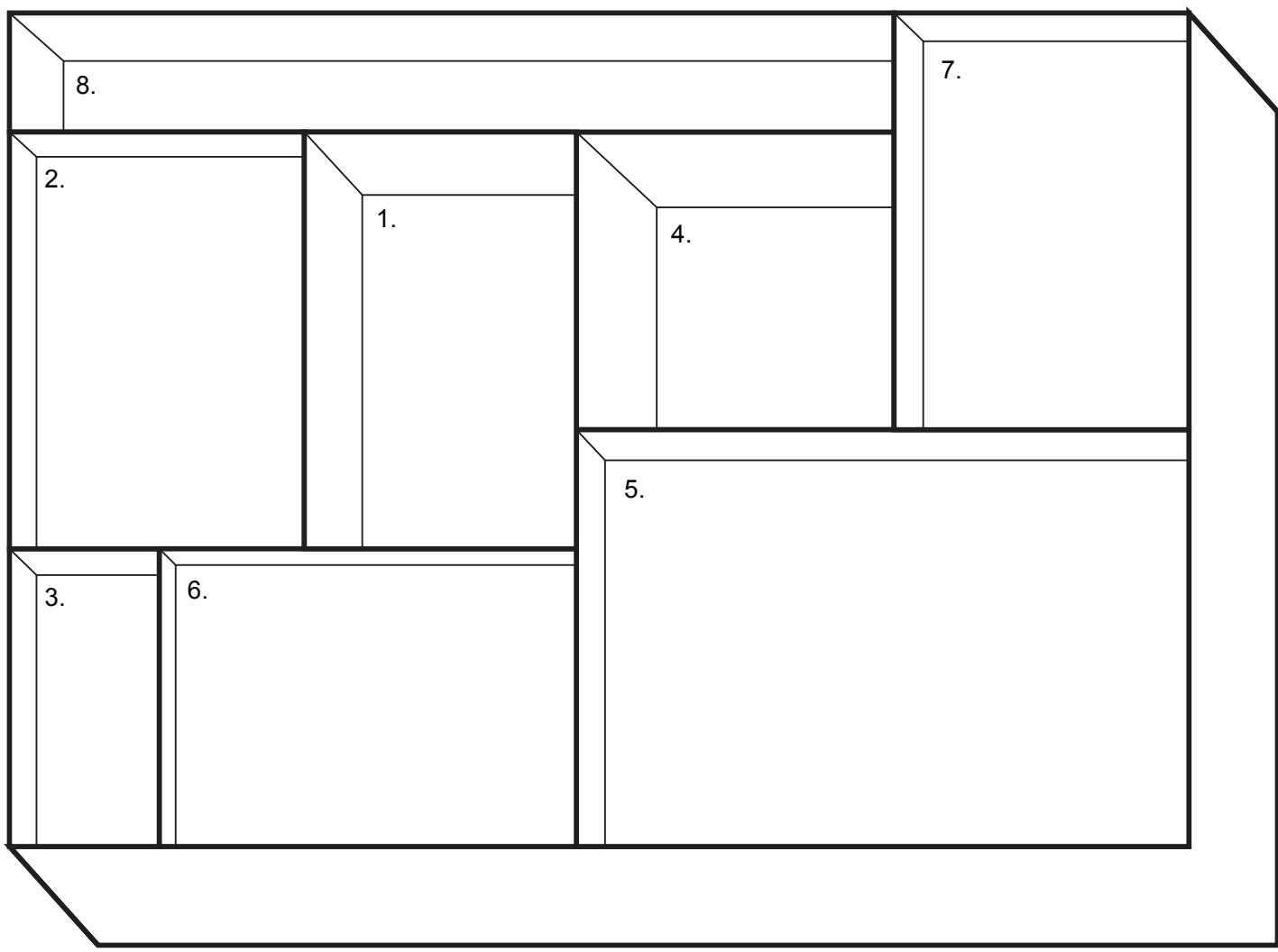


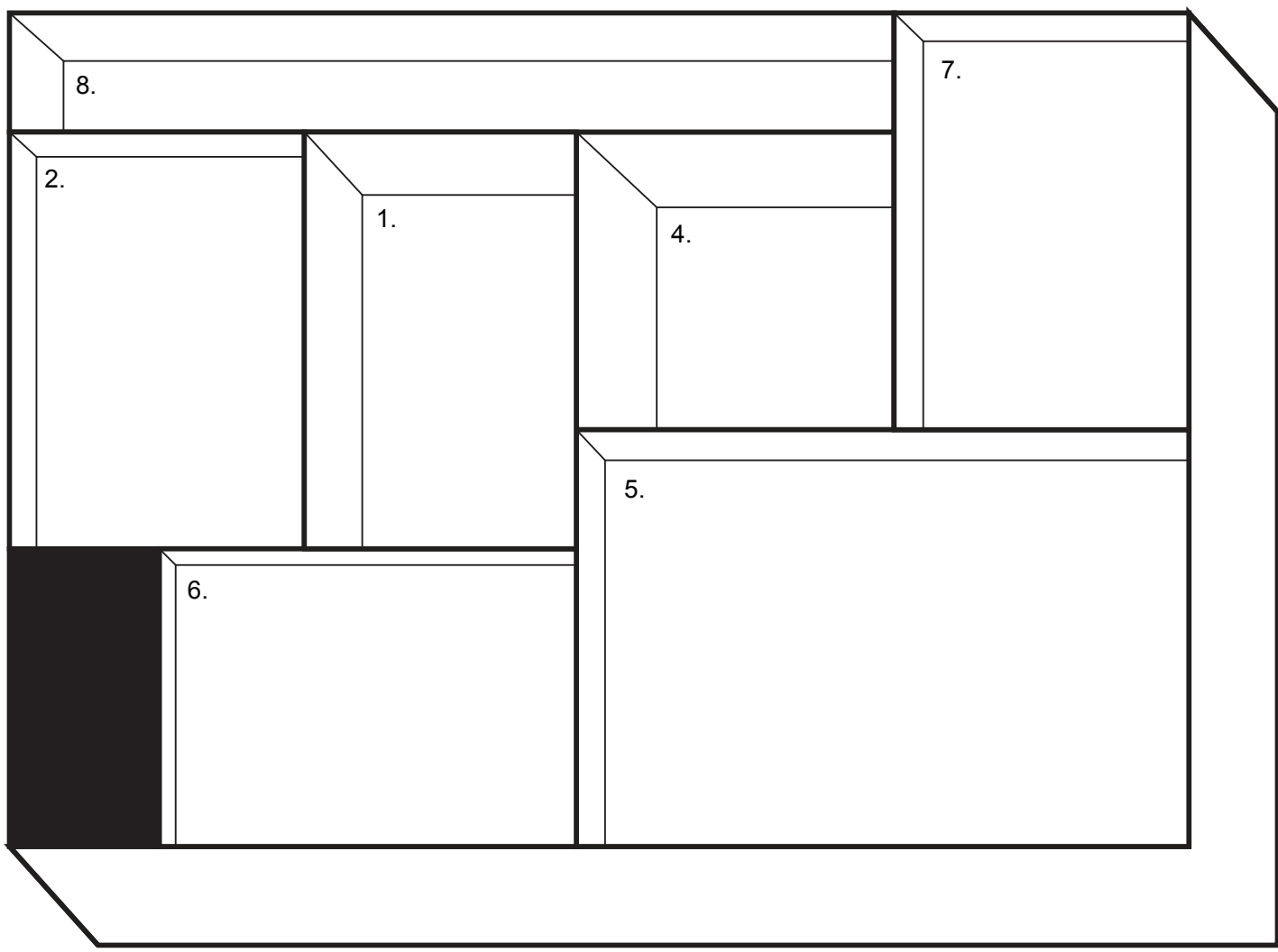
2. map of Great Brno extension in 1919

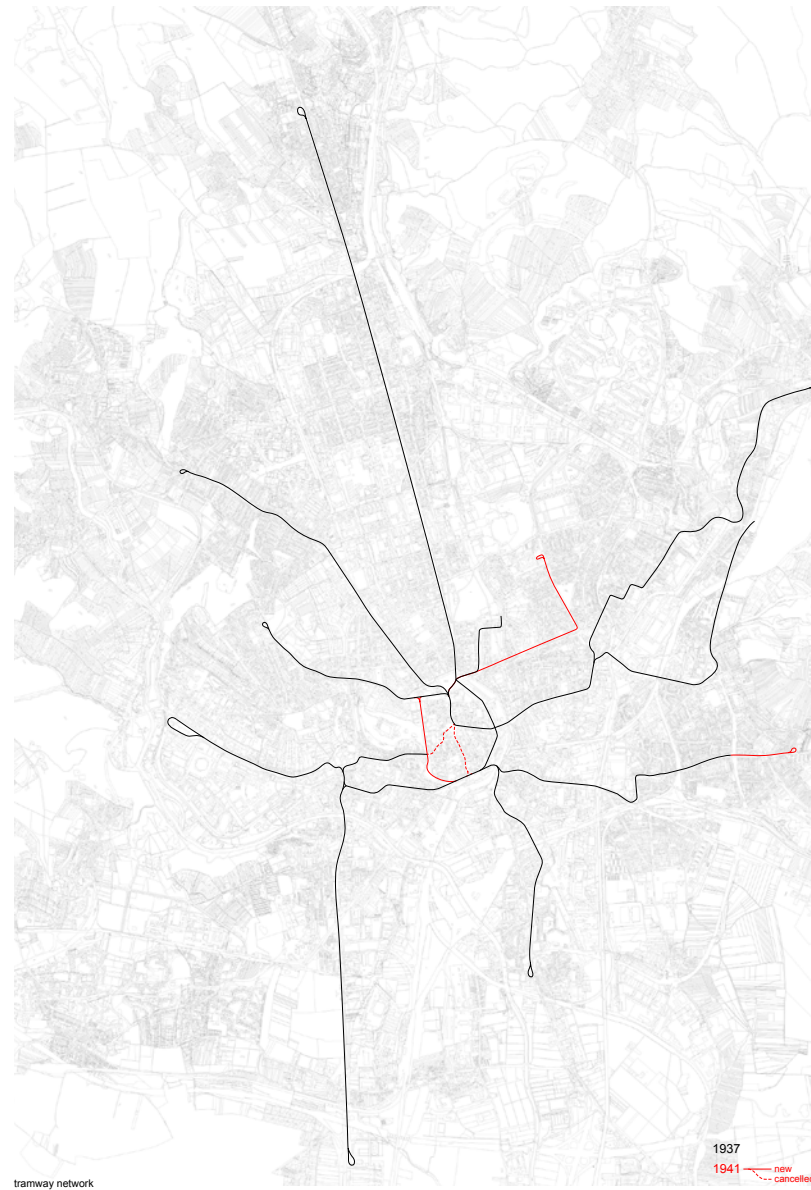
before 1919 after 1919 now



3. Jewish and Roma holocaust, 1938 - 1945



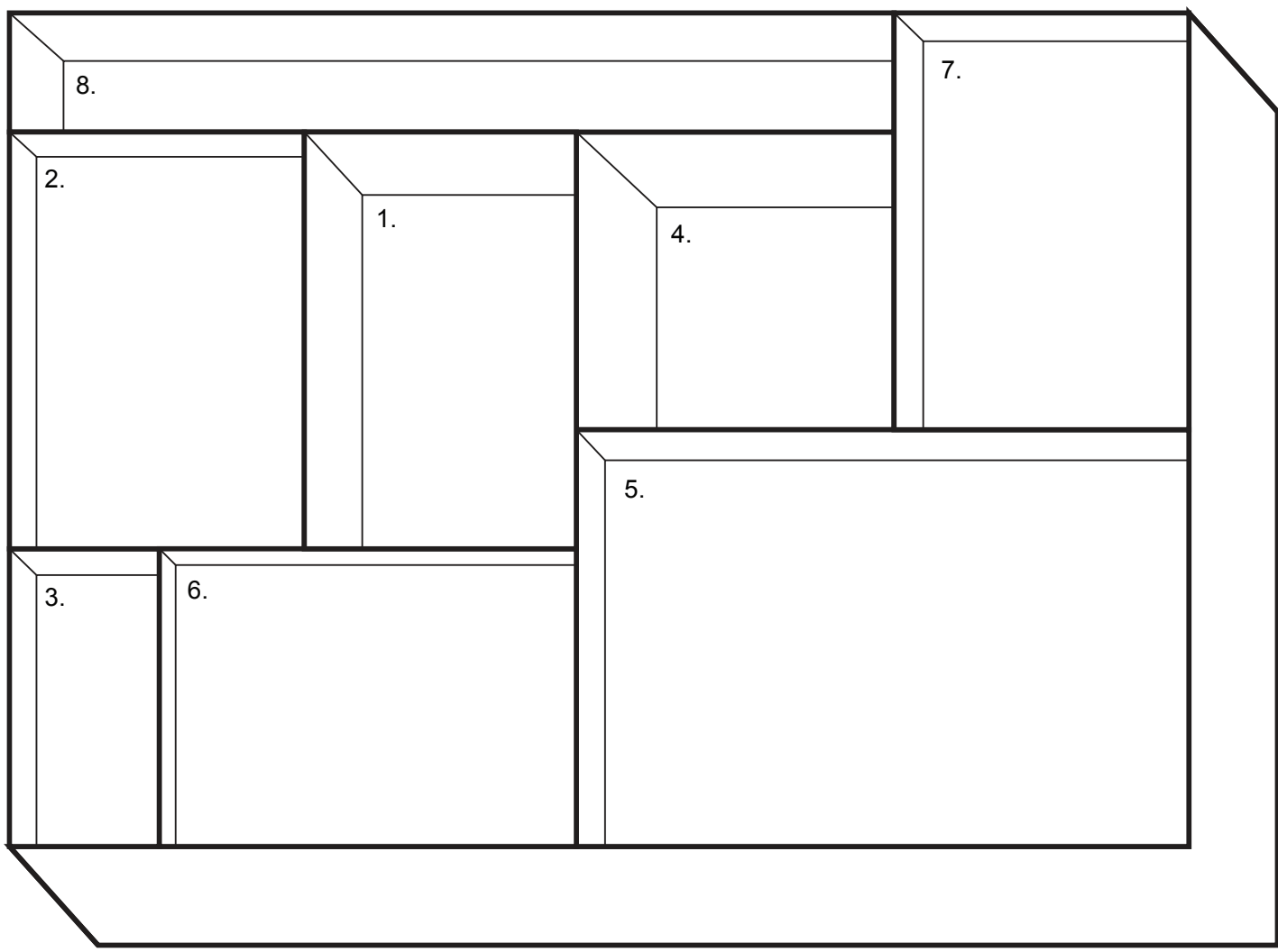


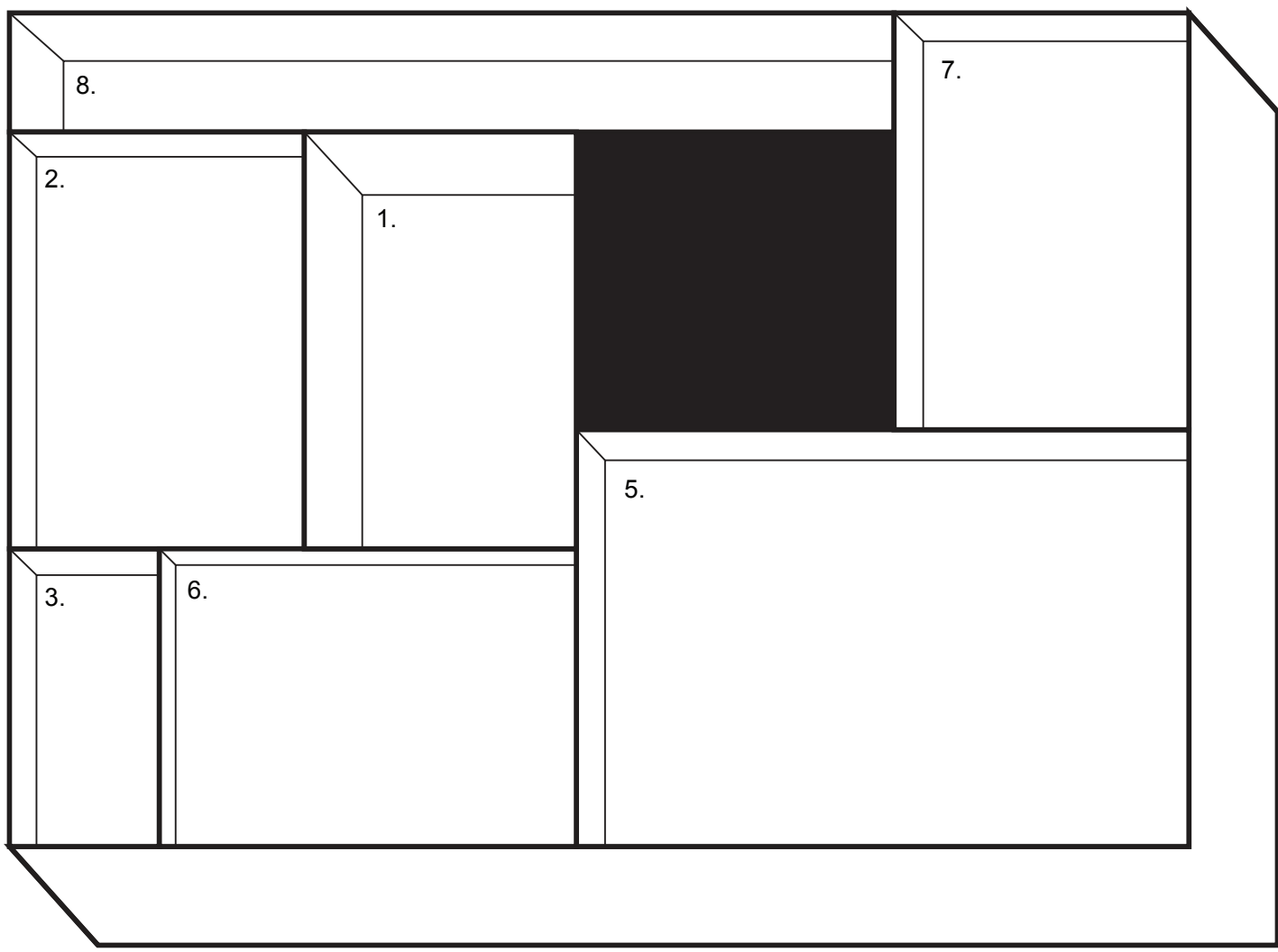


B 3 0 0 0
Schematic tram line map 1937, 1944



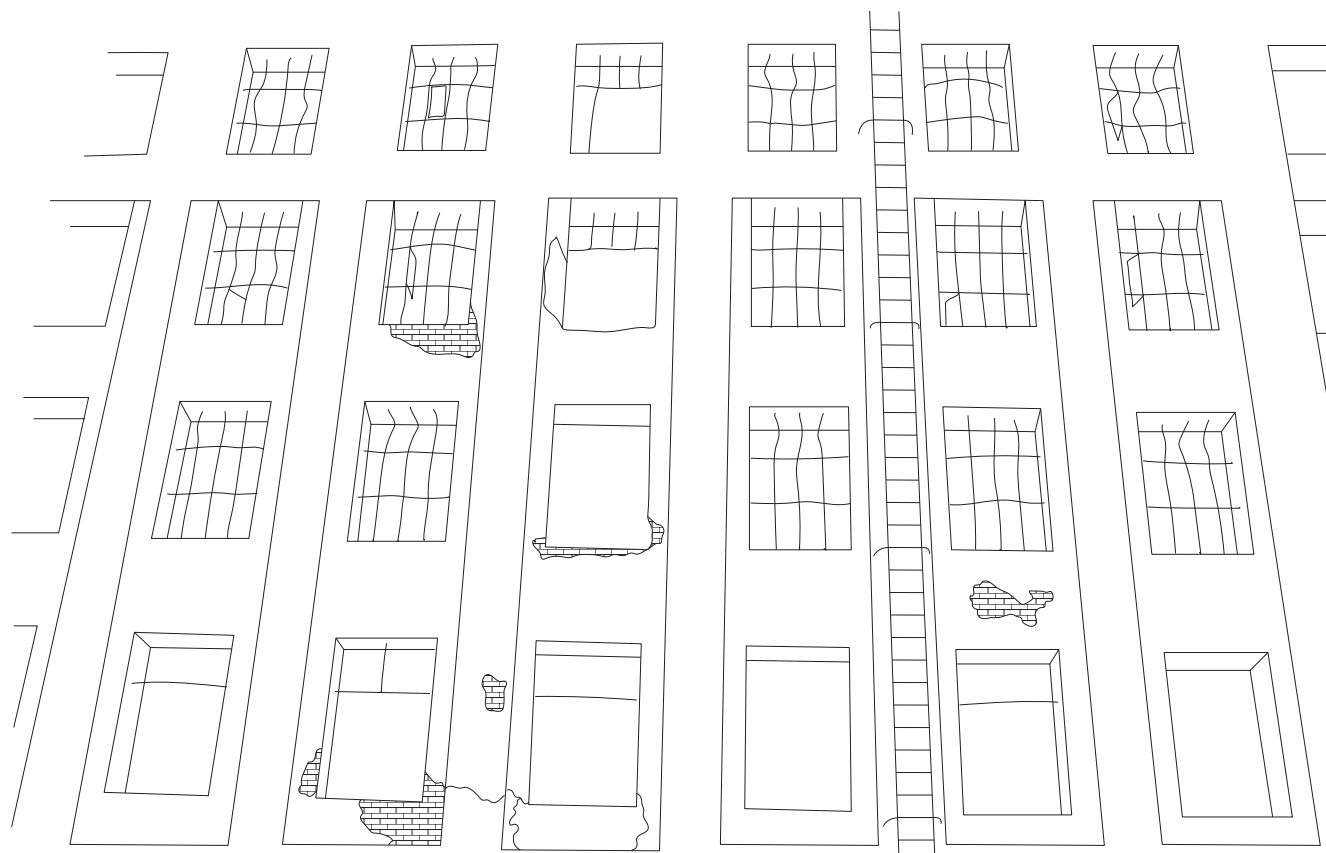
4. expulsion of Germans known as 'Brno Death March', 1945



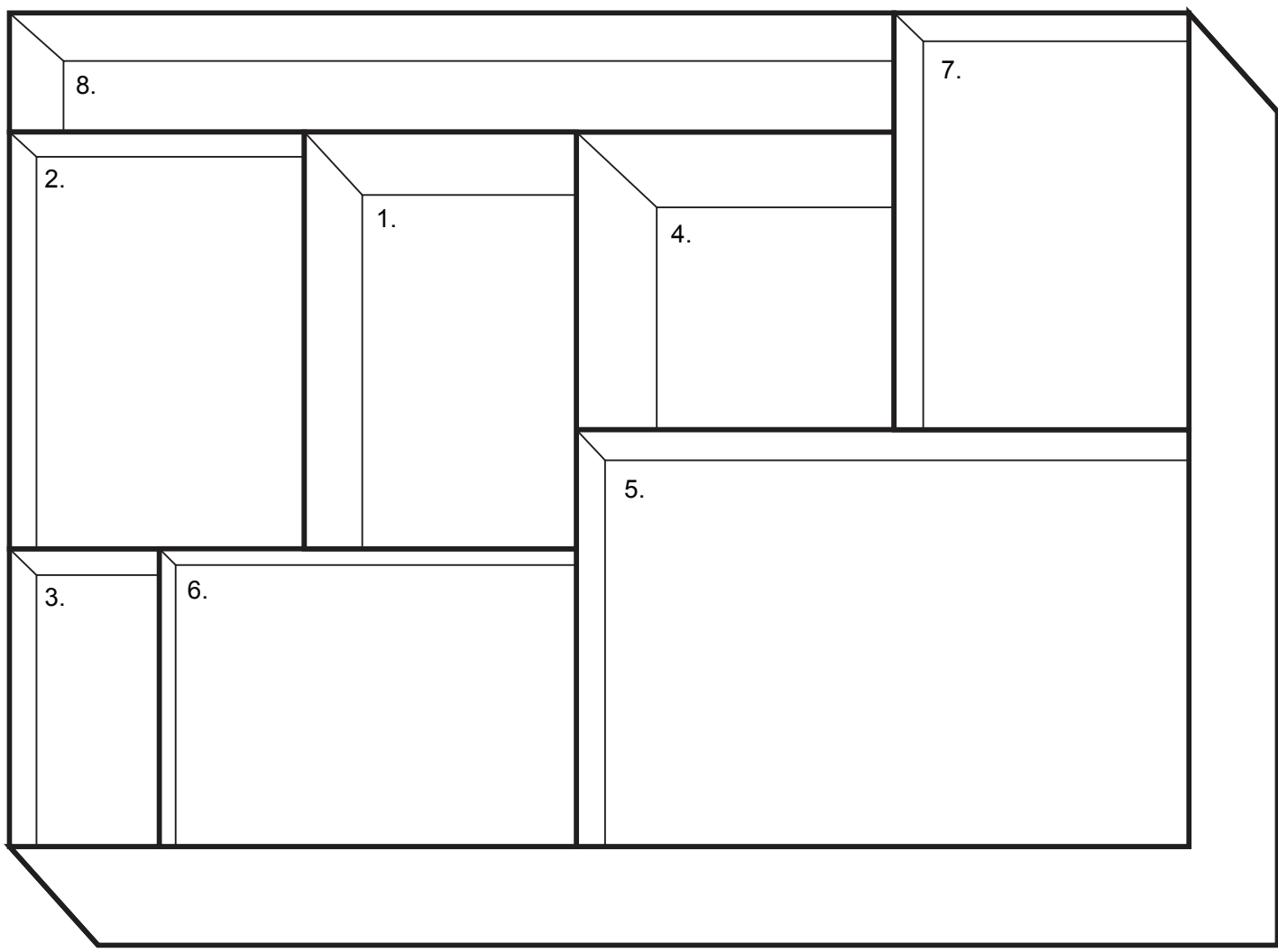


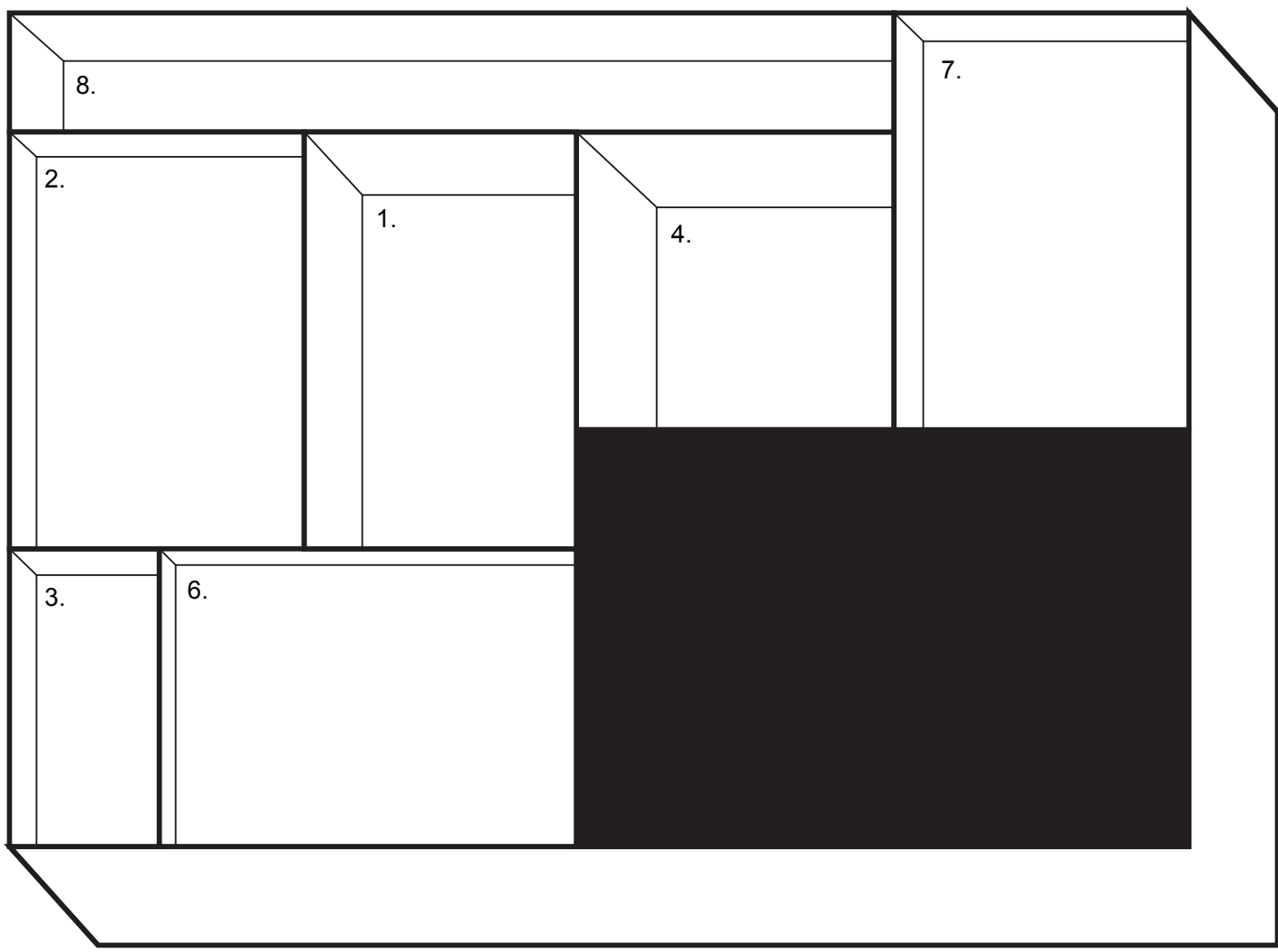
Deutsche Haus, 1897 – 1945

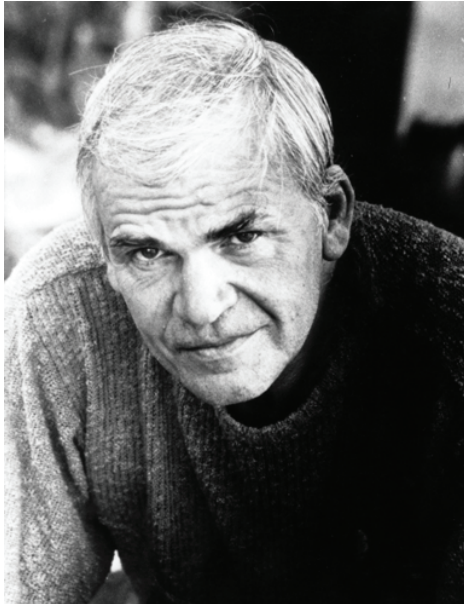
#	front	back	year	to	from	content - de	content - en	content - cs	link	seller	price	size
01			1945	Family of Teophil Vašíček, Vratimov, district Mistek	Zdeněk Palička		Greetings from Brno sent you Zdeněk Palička and (!) depart on 26.X.1945 to Znojmo to serve.	Pozdrav z Brna zasílá Vám Zdeněk Palička a odjíždím 26.X.1945 do Znojma sloužit.	http://www.aktiv.cz/brno-deutsches-haus-r-1945-m17-160-a364441.html	Marián Štěrba, Frenštát pod Radhoštěm, CZ	3,84 €	14
02			1940	Georg Neudert, Wien III., Stammgasse 6		Heute ist HILDE mit TRAUDE einge... haben und nach schon ein wenig un... geschen in Brünn und gefällt uns sehr gut hier. Bleiben einige Zeit hier ist... Verbleiben wir mit den herzlichen Grüssen von ... alten Hilde, Rudi und Traude	Today HILDE is with TRAUDE after a while we have enjoyed our stay in Brno and we like it very much here. Stay here for some time ... Let's stay with the warm greetings of ... old Hilde, Rudi and Traude		https://www.ebay.com/itm/AK-Brünn-Brno-Deutsches-Haus-Nemecky-dum-1940/253547857531?ssPageName=STR	Bartko-Reher OHG, Berlin, DE	2,00 €	14,1x9,2
03			1934	(Fräulein) Yetta Seemann, Walsach am Weißensee		10.7.1934 Liebes Fräulein Yetta! Glückliche wieder in Brünn angelangt, gedanke ich Dankbarkeit der schönen Jonge, die ich in Ihrem lieben Hause verbringen konnte und bitte Sie, mich Ihren lieben ... höflich bestens an empfehlen. Sie selbst grüßt herzlich. Ihre A. Pohl	10.7.1934 Dear Miss Yetta! Happy to return to Brno, I commemorate the gratitude of the beautiful Jonge, whom I was able to spend in your dear home, and I ask you to recommend me to your beloved ones. She greets herself warmly. Your A. Pohl		https://www.ebay.com/itm/AK-Brünn-Brno-Deutsches-Haus-Gesamtansicht-mit-Umgebung-Straßenbahn-1934/253547858608?ssPageName=STR	Bartko-Reher OHG, Berlin, DE	2,00 €	14,1x9,2
04			1928	Gerberth Christ, Wien VII., Urban Loritz Platz A4 II/24		Danke für die lieben Zeilen von Mutti. Verbracht gehören den Sonntag in Brünn mit Spaziersgänge und Caffehaus. Wetter kühl und bewölkt doch kein Regen. Morgen fahren nach Friedland lange Fahrt, ist ... der heute polnischer grenze und treffe späters ... Donnerstag in Wien sein ... Herzlich grüßt Vating	Thanks for the lovely lines from mom. Have spent the Sunday in Brno with walks and Caffehaus. Weather cool and cloudy but no rain. Morning drive to Friedland long drive, is ... the today's polish border and meet later Thursday in Vienna ... Greetings		https://www.ebay.com/itm/AK-Brünn-Brno-Deutsches-Haus-vom-Garten-aus-1928/253548152137?ssPageName=STR	Bartko-Reher OHG, Berlin, DE	3,00 €	13,6x8,8
05			1916	(Ehrenfesten Herrn) Josef Halter, Wiener Neustadt, Neukloster		L.F. (Liebe Freund), muß schon mein langes Schweigen verzeihen. Wir werden den ... natürlich auch in diesem Jahren die alte Freunde bleiben. Hoffe, das es die immer gut geht? Wann ... wir uns Wiedersehen? Es war des eine schöne Zeit in dem Ferien, nicht wahr? Schreibe bald. Mit Grüße dein Freund Mischl	Dear friend, must forgive my long silence. Of course we will remain the ... old friends in this year as well. Hope it still goes well? When ... we meet again? It was a good time on holidays, wasn't it? Write soon. With greetings your friend Mischl		https://www.ebay.com/itm/AK-Brünn-Brno-Lazanskyplatz-mit-Strassenbahn-und-Deutsches-Haus-1916/253548153421?ssPageName=STR	Bartko-Reher OHG, Berlin, DE	3,00 €	13,8x8,9
06			1916	(Fr.) Emma Prigl, Wien III., Geologengasse 8/4	Hilda Schmidt	Herzliche Grüße aus Brünn sende ich Dir liebes (name?). Bin ich auf 2 Tage Einkaufe zu besorgen. Emma, Hilda Schmidt Herzliche Grüße Anni, Vielmal grüßt Mark Ihre Mitzi Janda.	Greetings from Brno I send you dear (name?). I'm on 2 days to get shopping. Emma, Hilda Schmidt, Kind regards Anni, many times greets Mark your Mitzi Janda		https://www.ebay.com/itm/AK-Brünn-Brno-Großer-Platz-gegen-das-deutsche-Haus/2635938797182?ssPageName=STR	Bartko-Reher OHG, Berlin, DE	2,00 €	13,9x9
07			1904	C. Kratochvil, teacher at boys school in Kladno in Bohemia, Hulcova street 117	Jan a Zdenka		Dear brother-in-law and sister-in-law! On 6.10. Ludmila celebrated 76th birthday in Rakovník and 10.X.1904 she celebrates 50 years from her wedding. I do no have any other intention than just to inform you and tell it on time to Karel. We will be the 10.X. celebrate...	Milý švagře a švagrové! Dne 6.X. slavila ... Ludmila v Rakovníku 76. výroční den jejího narození a 10.X.1904 slaví ?od svatby. Nemám žádný jiný úmysl jen ten abych Vás o tom vyzooměl a včas jsem i Karlovy našemu oznámil. My budeme den ten 10.X...	https://aukro.cz/brno-deutsches-haus-dlouha-adresa-m1-6927554971	Antikvariát Rokycany, CZ	3,84 €	14x9,2
08			1913	(Wohlgeboren Herr) Fritz Schwidernoch, Oderberg (Bohumin), Österreichische Schlesien		Freudeutschen Heil. Gruß aus Brünn! Dein Freund...	Freudeutschen Heil. Greetings from Brno! Your friend...		http://www.starepohledy.cz/index.php?action=ShowPicture&id=274415	Antikvariát Arco, CZ	7,76 €	13,7x9
09			1905	Karl Pechaczek, Lehrerseminar, Feldkirch, Vorarlberg	K. Nossek, Nordbahnstrasse 11a, Brünn	L.F. (Liebe Freund), Muss dich wieder durch eine Karte ... Wie geht es dir? Schreibe mir die Adresse von MATZLER?, wenn die sie hast bedachte meinen Adresse!! Es grüßt dich dein Freund ... ?	Dear Friend, Have to go through a postcard again ... how are you? Write me the address of MATZLER?, when you bear in mind my address!! Your friend greets you ...?		http://www.starepohledy.cz/index.php?action=ShowPicture&id=256830	Antikvariát Arco, CZ	7,76 €	14x9,2
10			1897	(Fräul) Pia Bertolini, Dornbirn, Vorarlberg	Fritz M. Witamwas	Sehr geehrtes Fräulein, Mit größten Vergnügen komme ich Ihre Wünsche nach, und bin gerne bereit noch einige meinen Vaterstadt zusehen. Werde durch meinen Collegen Ihre wertvoll Adresse mittheilen, da ich eine sehe ausgedente Correspondenz führen. Habe jetzt ungefähr 280 St. Stels sehr gerne zu Res... hochdestungs ...	Dear Miss, With the greatest pleasure I received your wishes, and I am prepared to send some to my hometown. I will communicate your precious address through my colleague, as I see one extensive correspondence lead / execute. Have now about 280 St. Stels very happy to Res ... with a great worship ...		http://www.starepohledy.cz/index.php?action=ShowPicture&id=274391	Antikvariát Arco, CZ	5,82 €	14,1x9,2



5. period of decay, 1948 - 1989







Milan Kundera [7]

*1929, Brno
1975 emmigration

1948 - 1968	first refugee wave	60 000
1968 - 1989	second refugee wave	350 000
1952 - 1989	legal eviction	75 000
		485 000

estimated numbers of Czechoslovakian emigrants



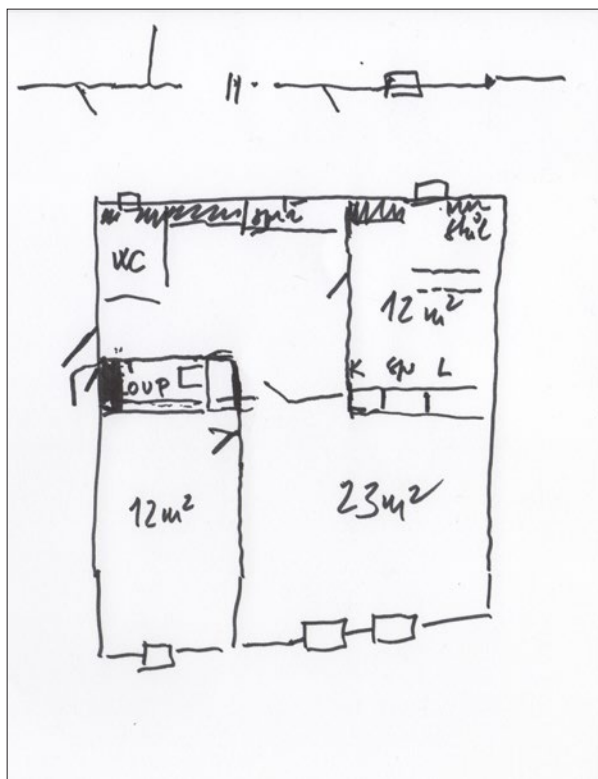
B 5 0 0 7
Cejl 11 - photo, current state



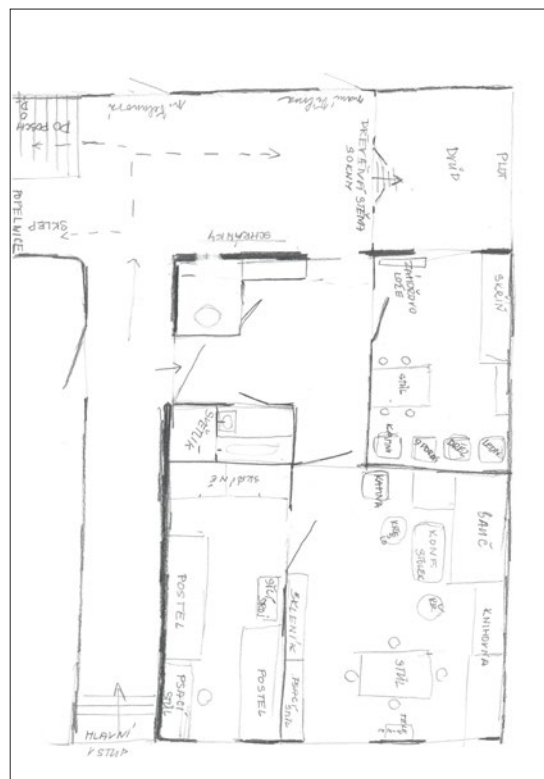
B 5 0 0 8
Municipal archive Brno-sever



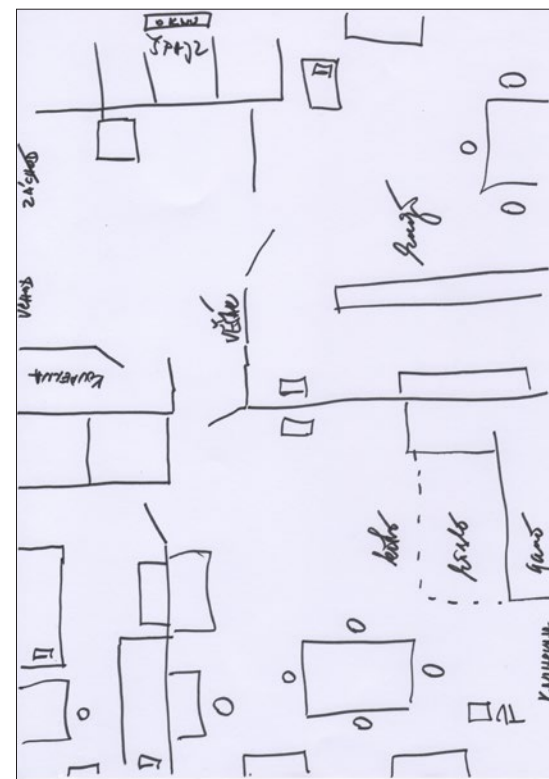
B 5 0 0 9
Municipal archive Brno-sever



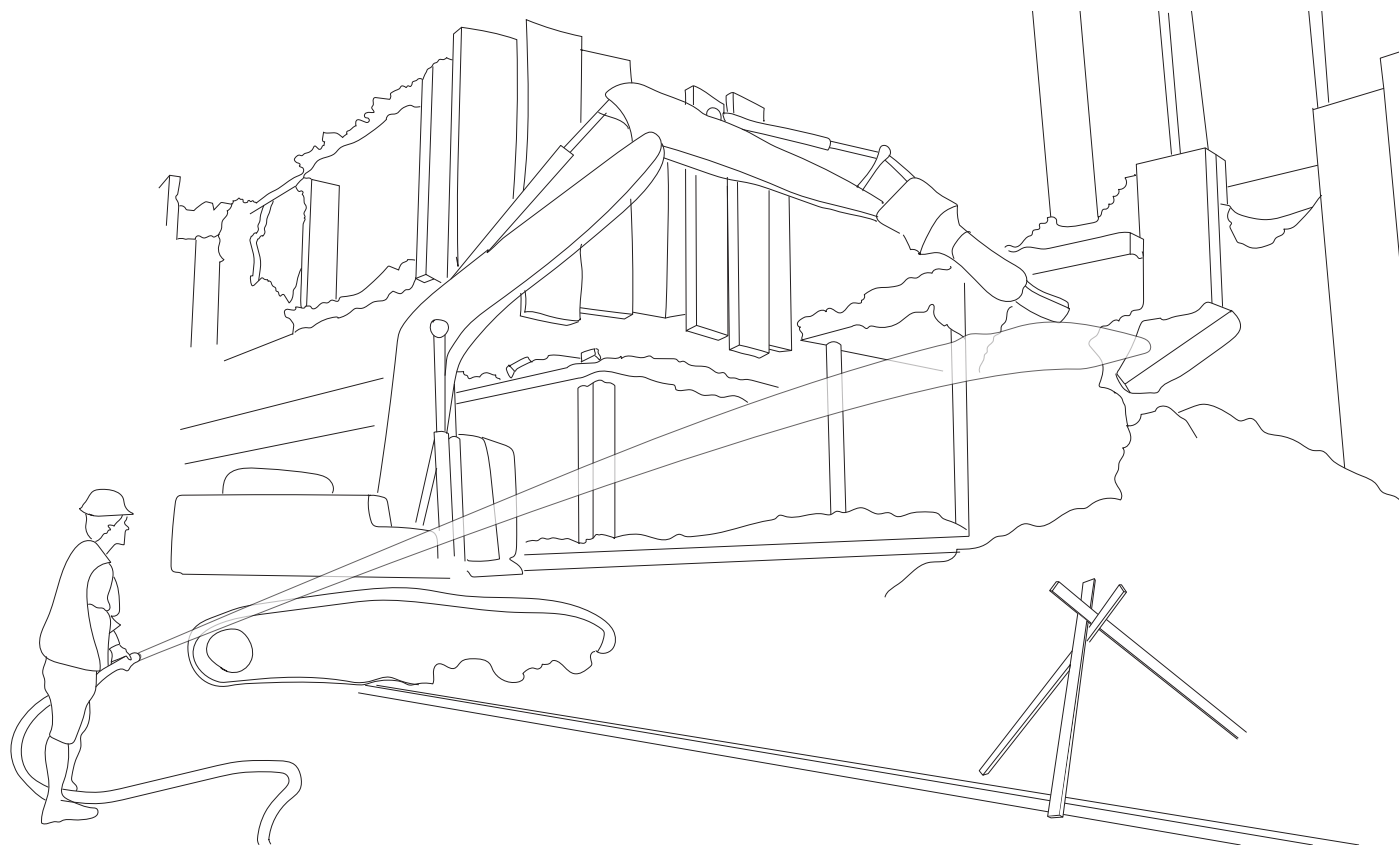
B 5 0 0 2
Grandmother's Gottwaldova 90



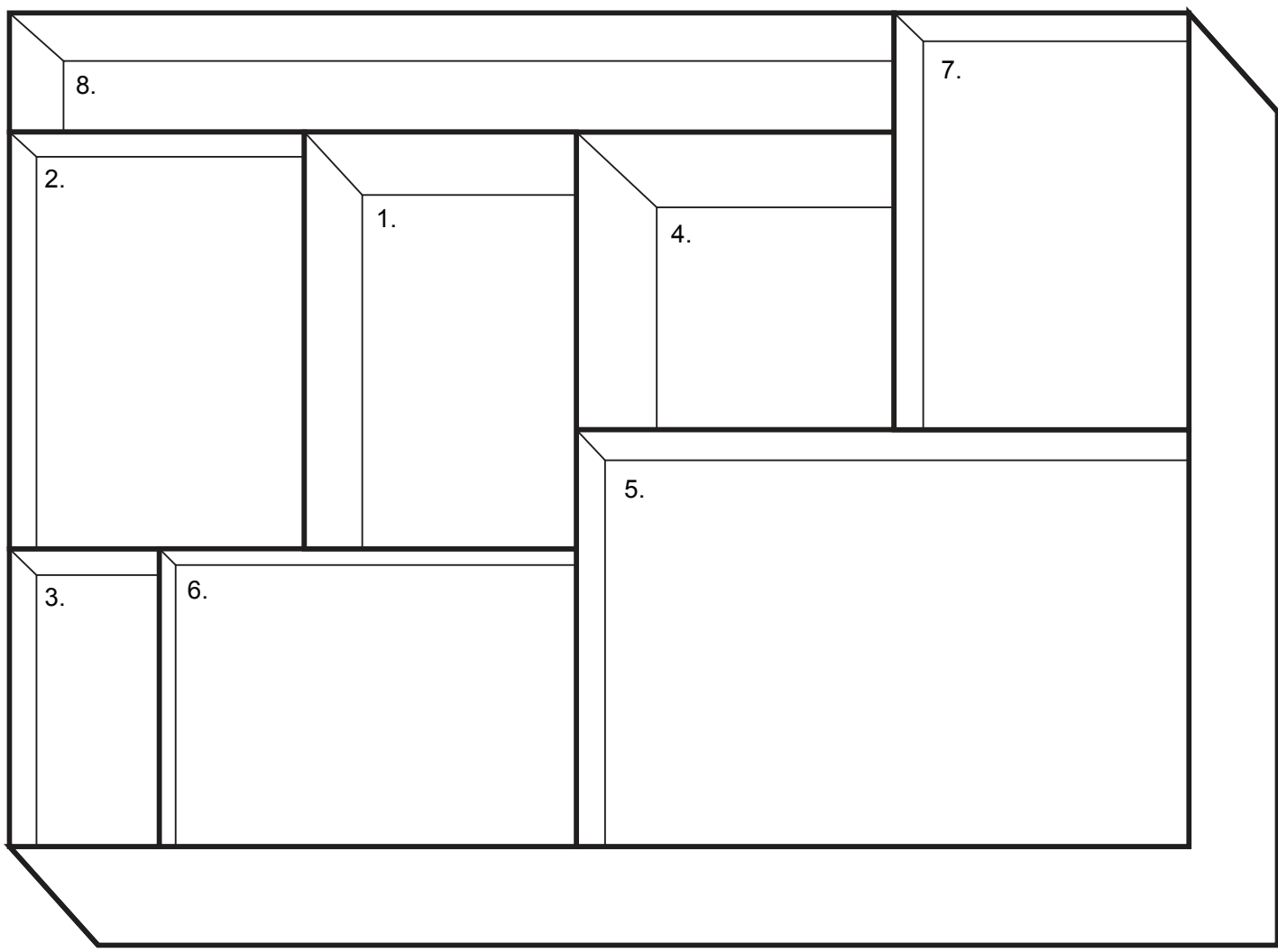
B 5 0 0 3
Aunt's Gottwaldova 90

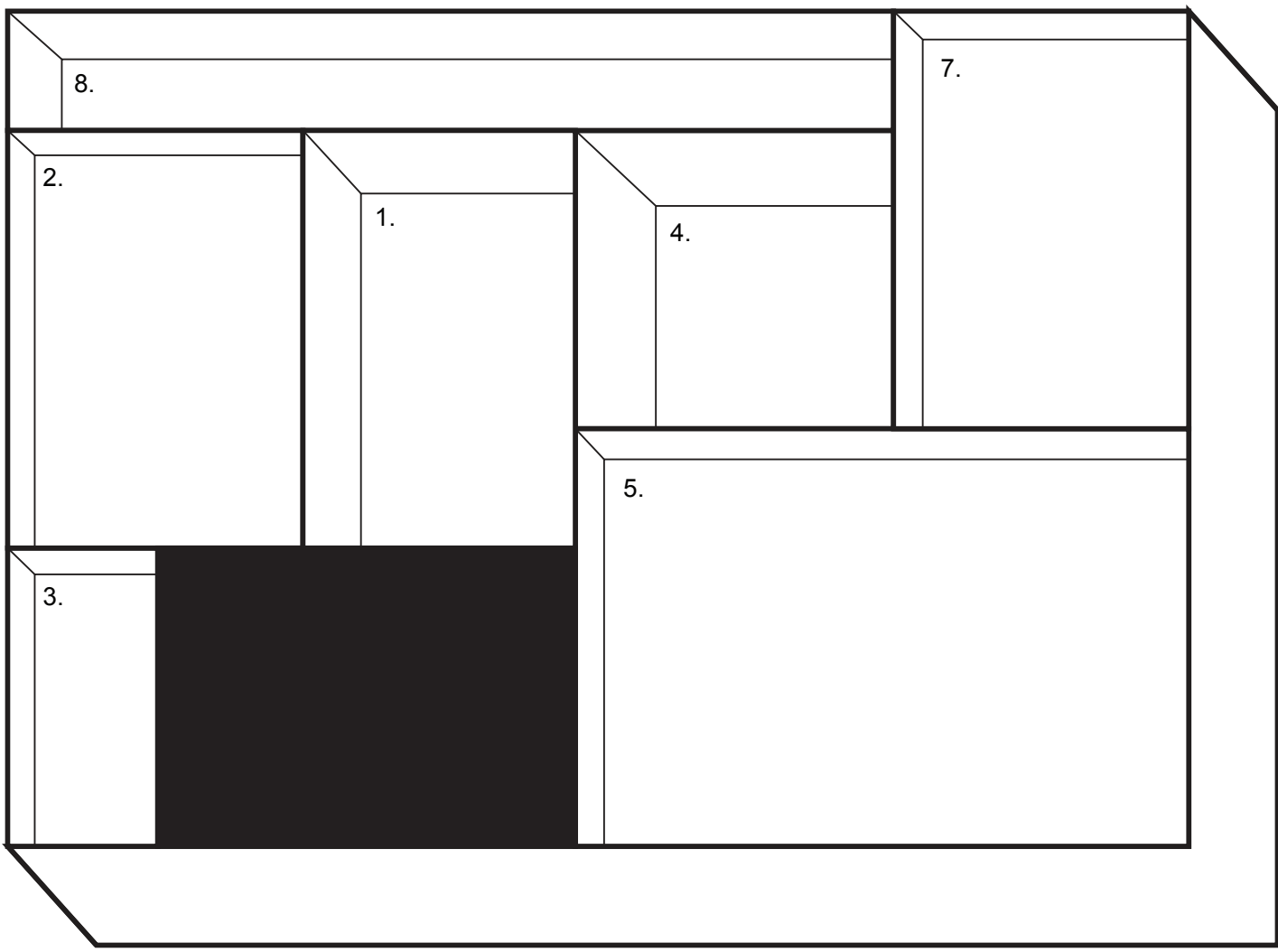


B 5 0 0 1
Mother's Gottwaldova 90



6. 'iconoclasm' of depreciated architecture from the Communist era







B 6 0 0 5
Research Institute Brno, Botanická 68a , 1975

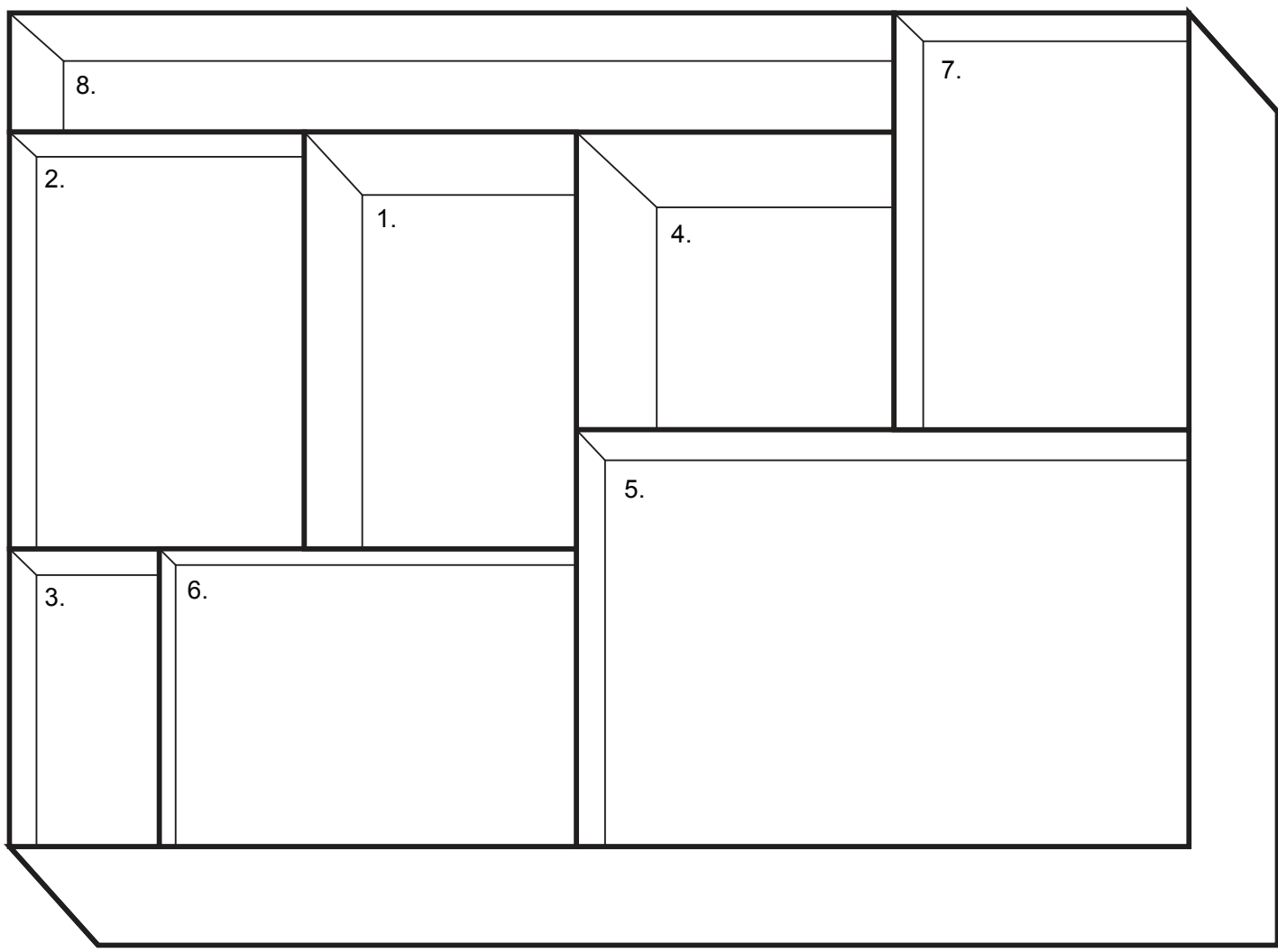


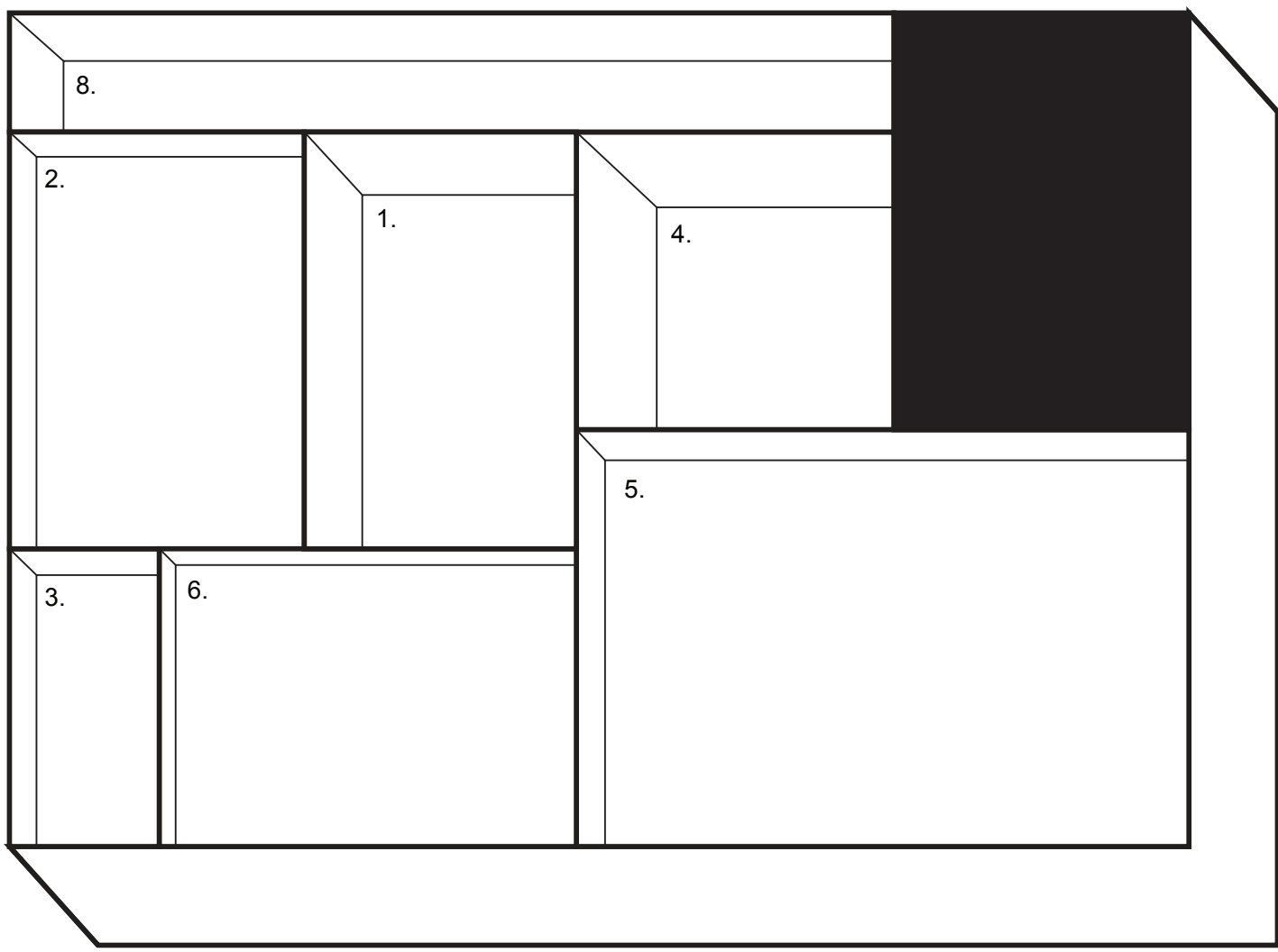
B 6 0 0 6
Research Institute Brno, Botanická 68a , 2012



7. shopping mania after the market release in 1990s

(zastavárna ~ pawnshop)





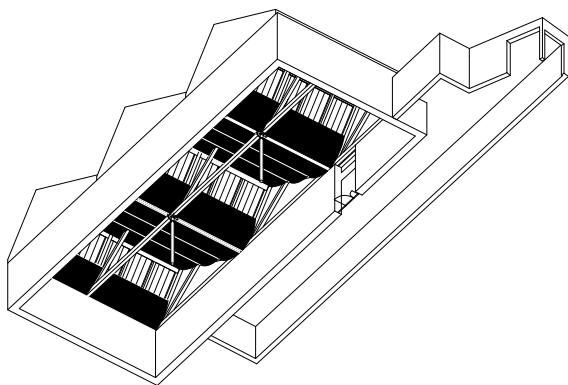
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PAWNSHOPS

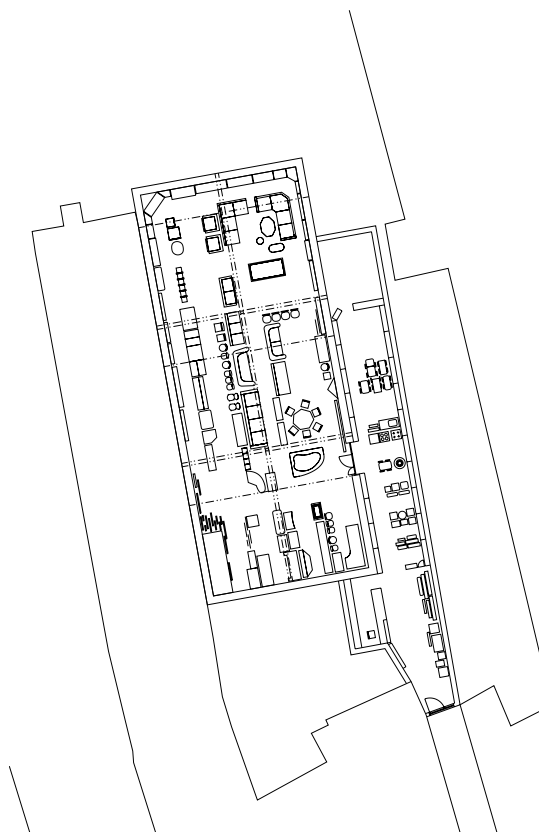
PLACES OF FRINGE ECONOMY IN BRNO

B 7 0 0 0

B 7 0 0 0
booklet, 105mm x 147mm



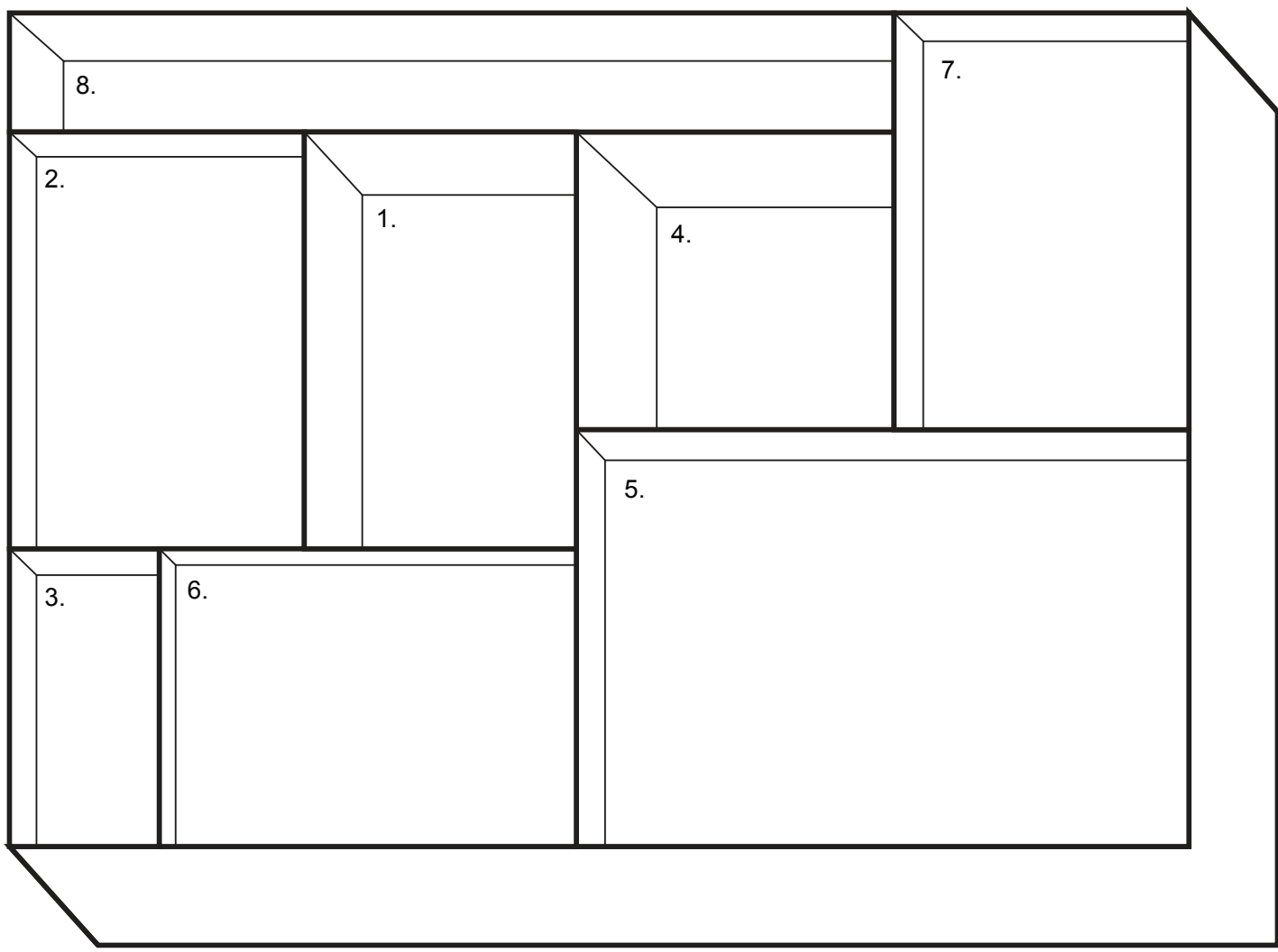
B 7 0 0 9
axonometry, Bazar nábytku

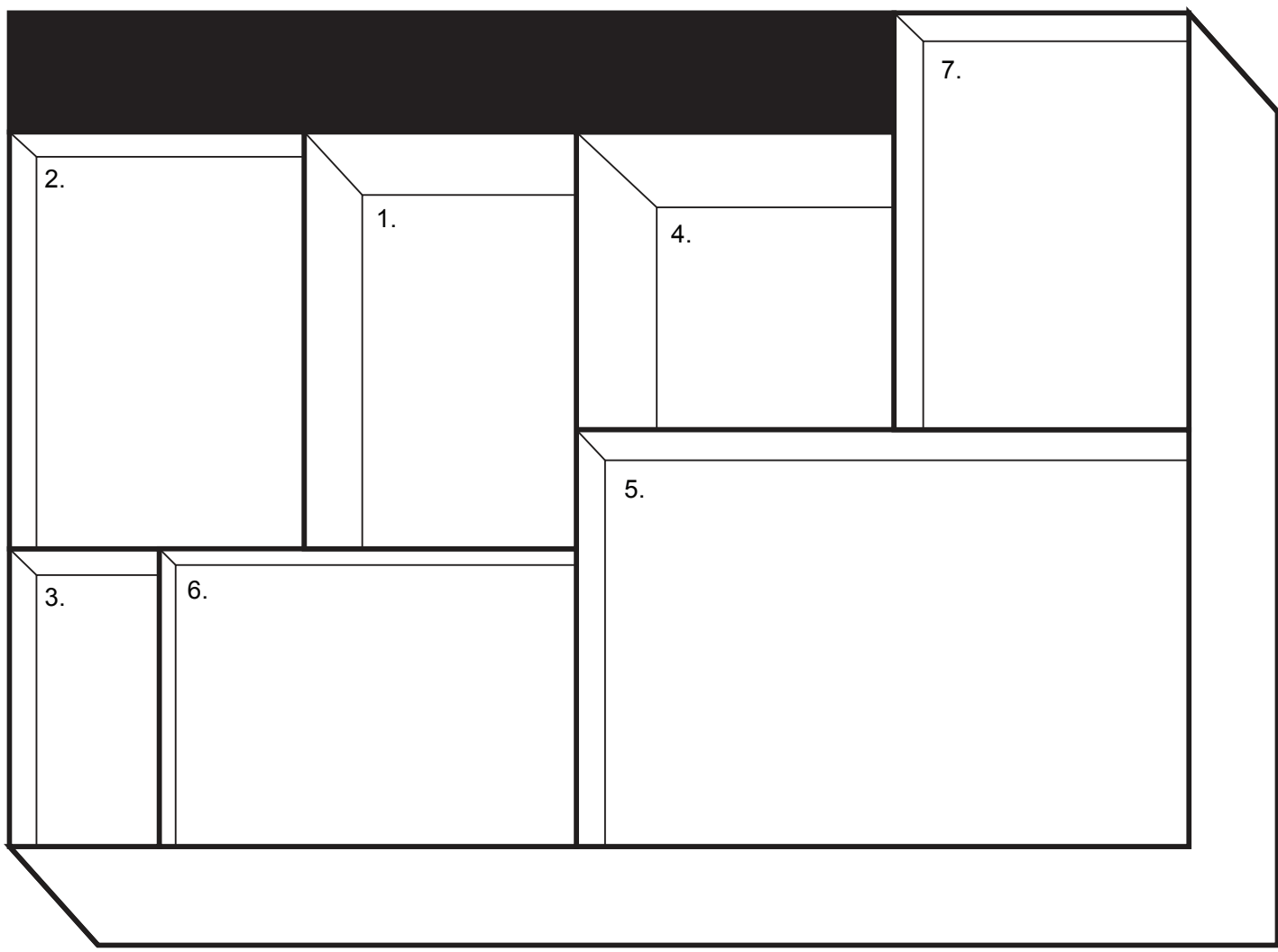


B 7 0 1 0
floorplan, Bazar nábytku



8. era of European funding and 'facelifting' of the area







B 8 0 0 1

Facade plate proving reconstruction from European funds



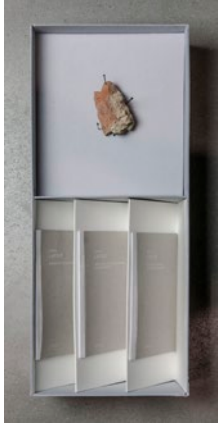
 BROWNFIELDS  CITY OWNED  RESTORED FROM EU FUNDINGS 2007 - 2017

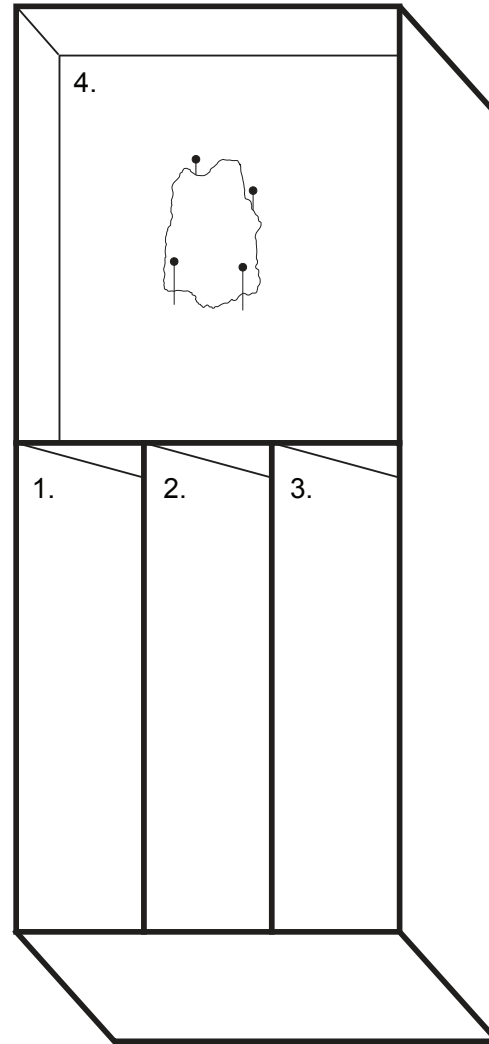
B 8 0 0 0
Map of projects funded by European Union in the area

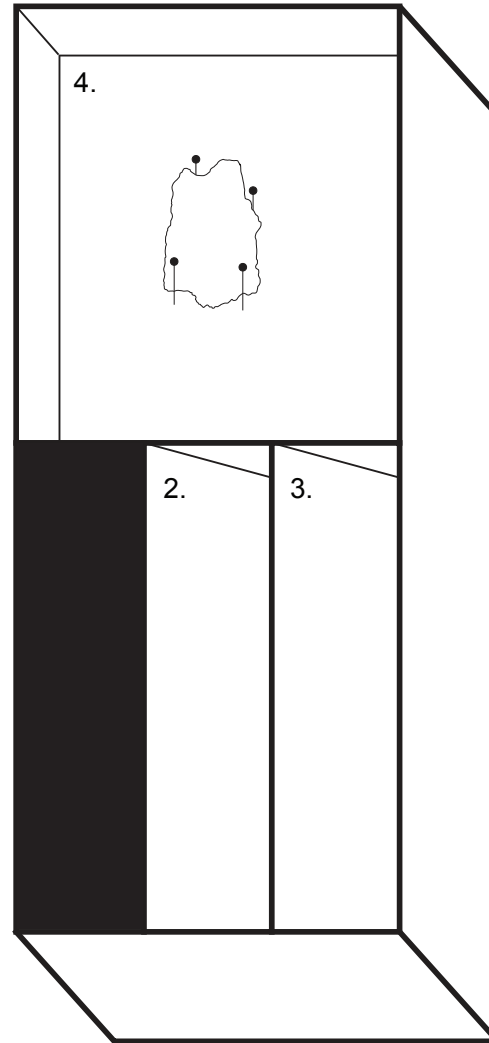
archive
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/ ARCHIVE

/ LABOUR







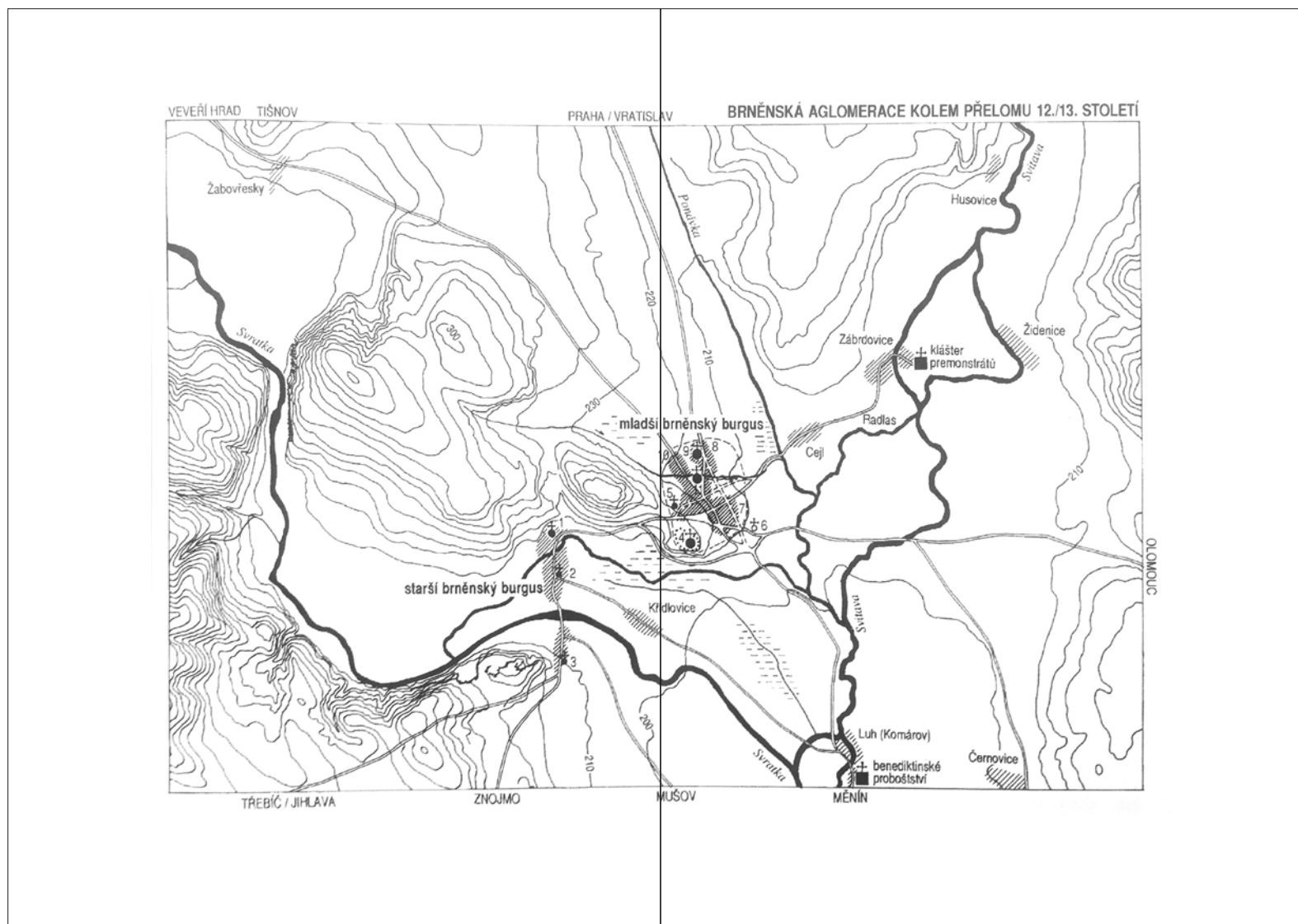
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LABOUR

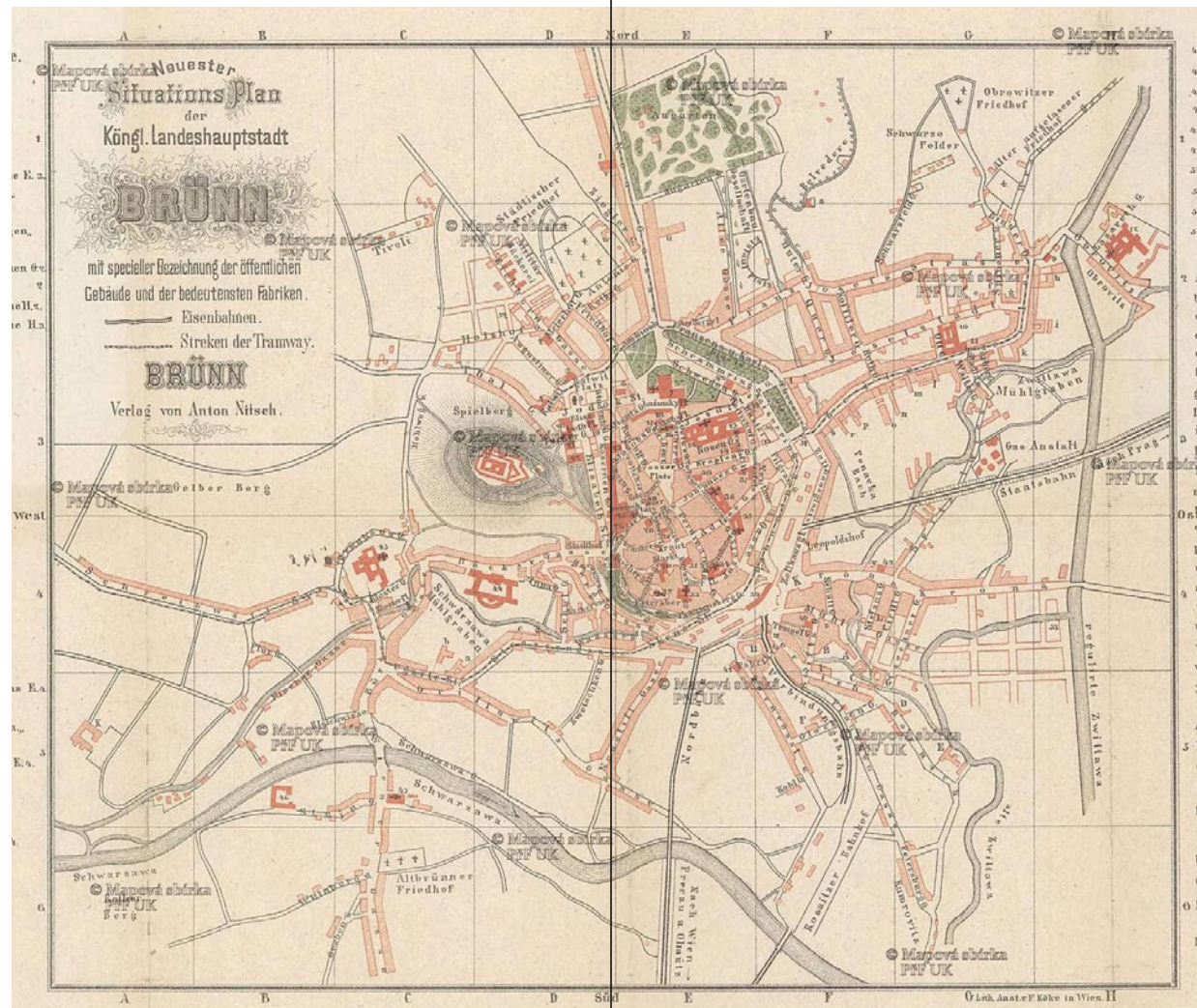
ORIGINS OF TEXTILE INDUSTRY IN BRNO

L T 0 0 0

L T 0 0 0
booklet, 105mm x 147mm

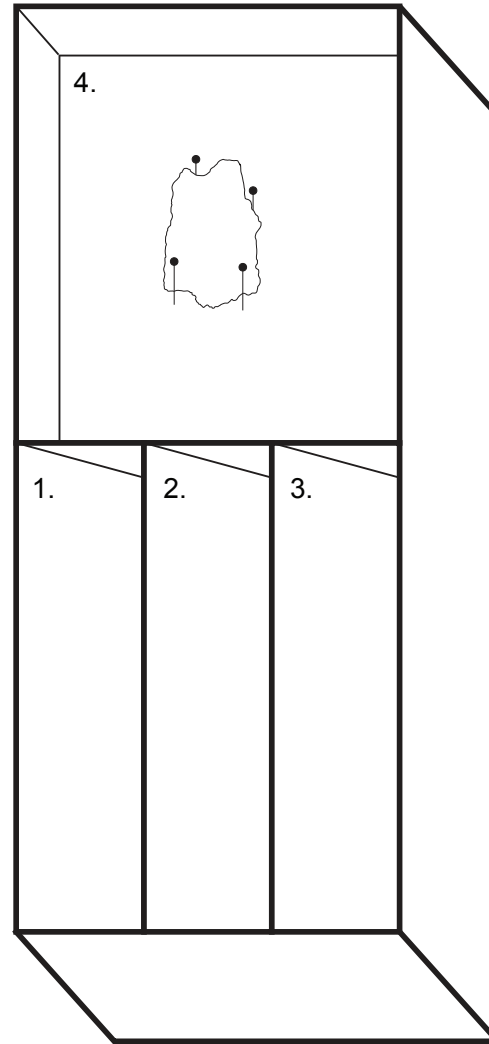


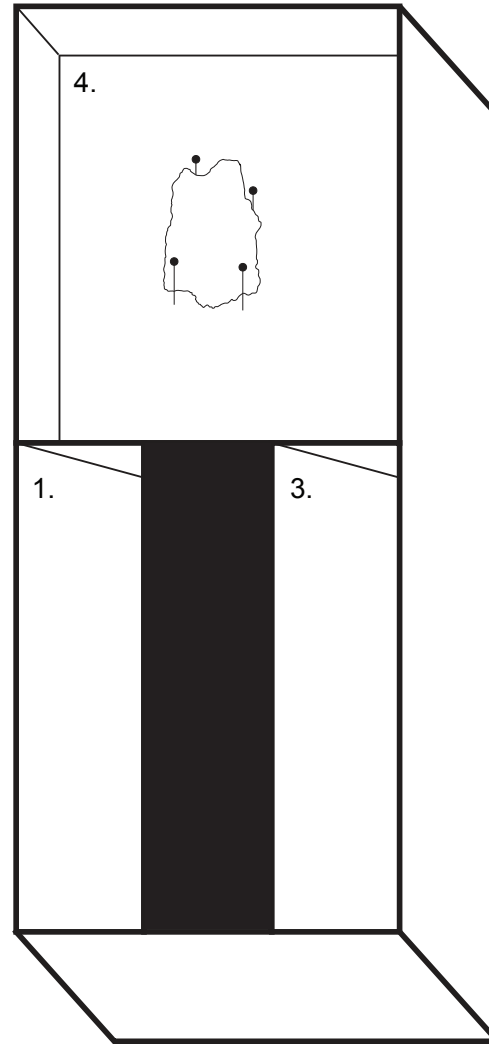
L T 0 0 1
Brno agglomeration around 12th/13th century



LT 002

Map of the 19th century with significant factories





/archive

LABOUR

DWELLINGS FOR THE INDUSTIRAL
SOCIETY IN BRNO

LD 000

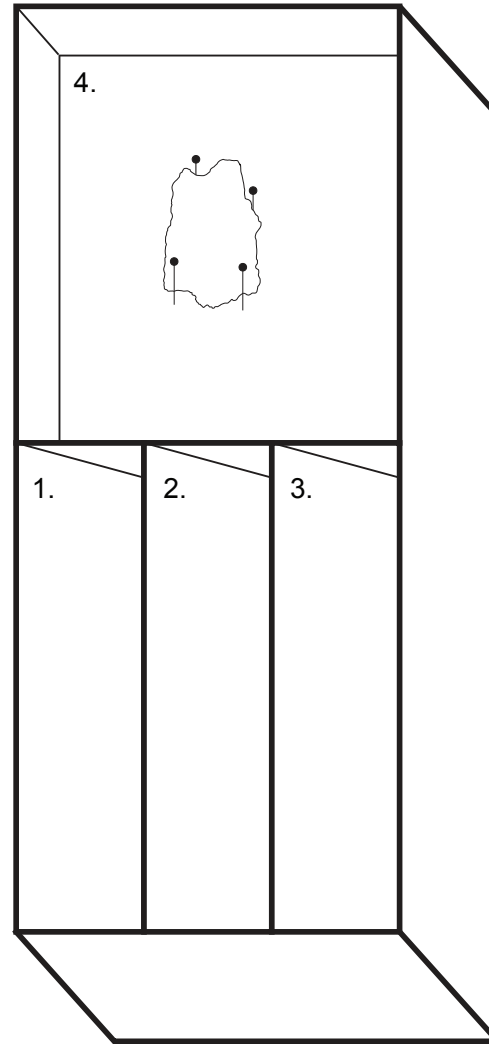
LD 000
booklet, 105mm x 147mm

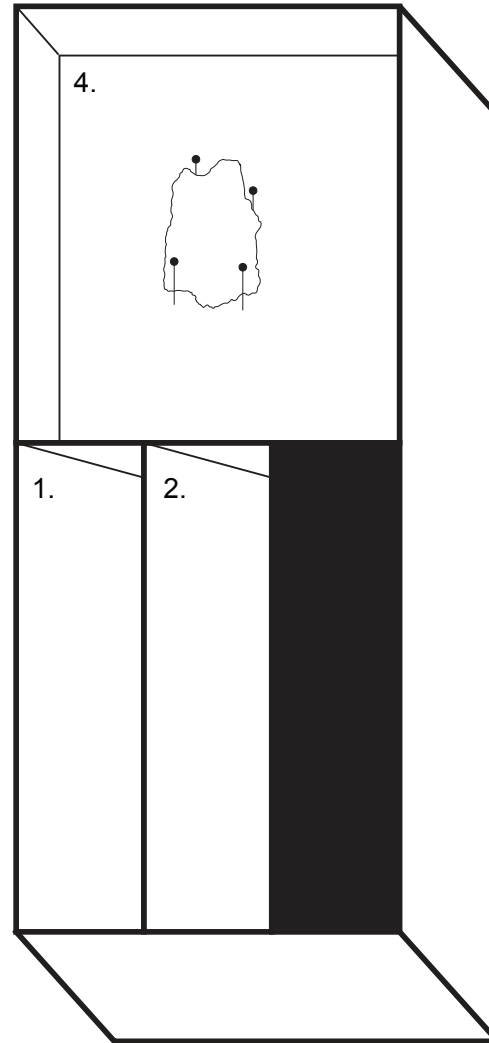


LD 002
A labour colony "Červená" alley
1906



LD 003
home of poor labour family
-



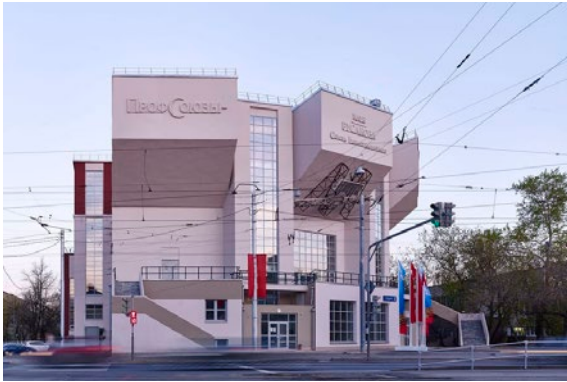


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LABOUR

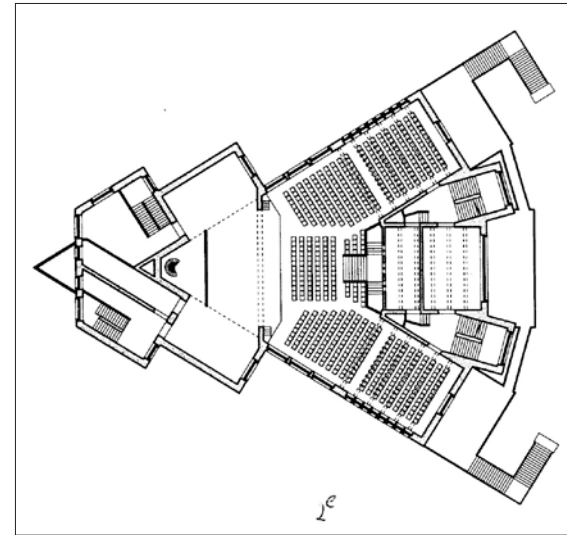
PALACES OF LABOUR
KONSTANTIN MELNIKOV

L M 0 0 0

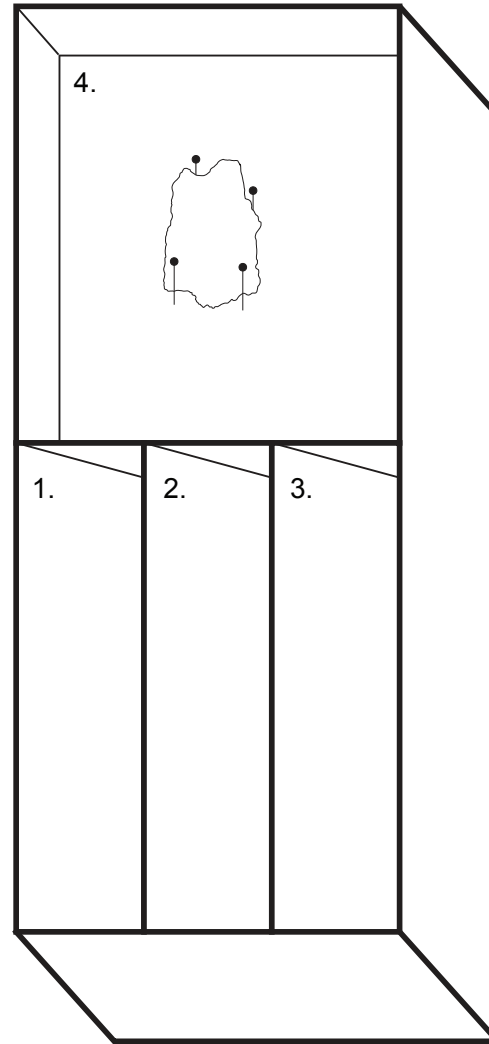
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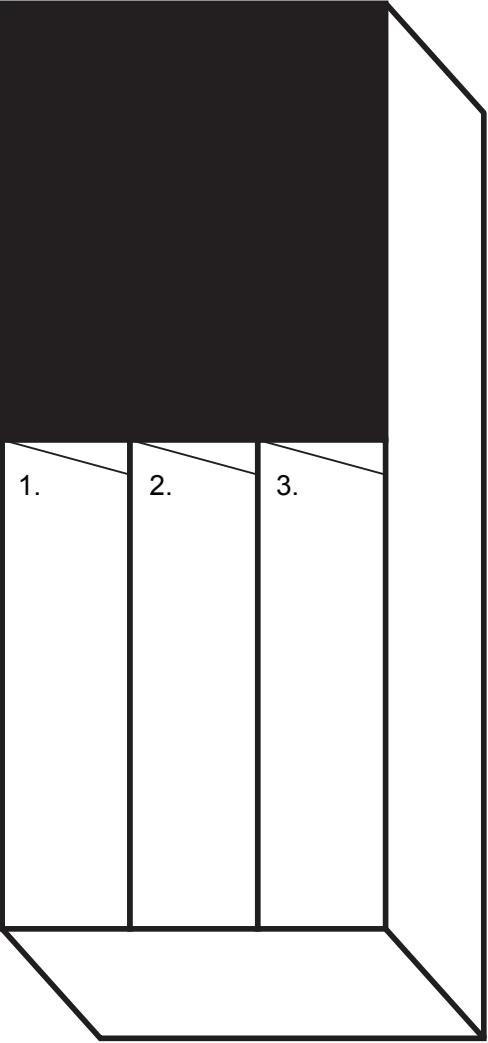


L M 0 0 12
Rusakov Workers' Club, Moscow
1927 - 1929



L M 0 0 13
first floor
1:800







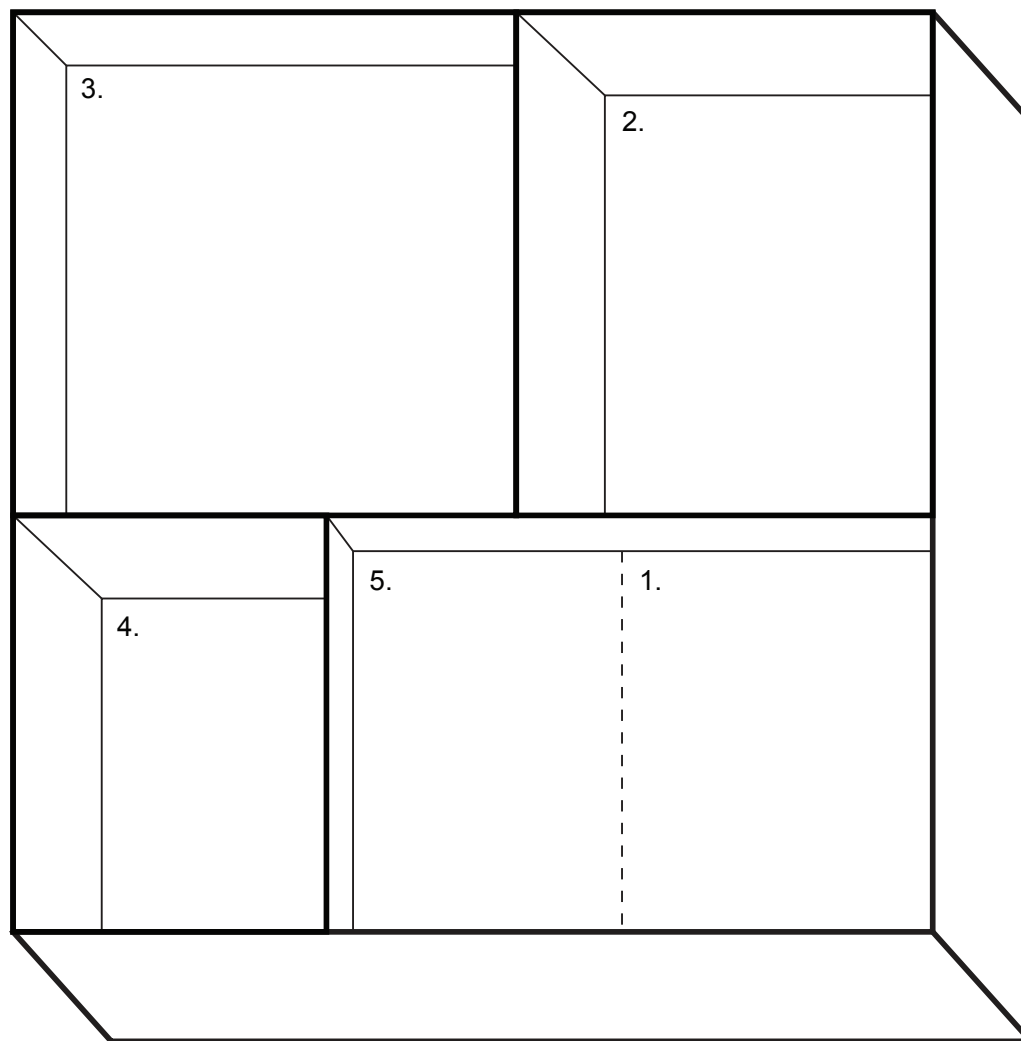
LD 007
fragment of a brick wall from former tenement
house next to the Workers' House

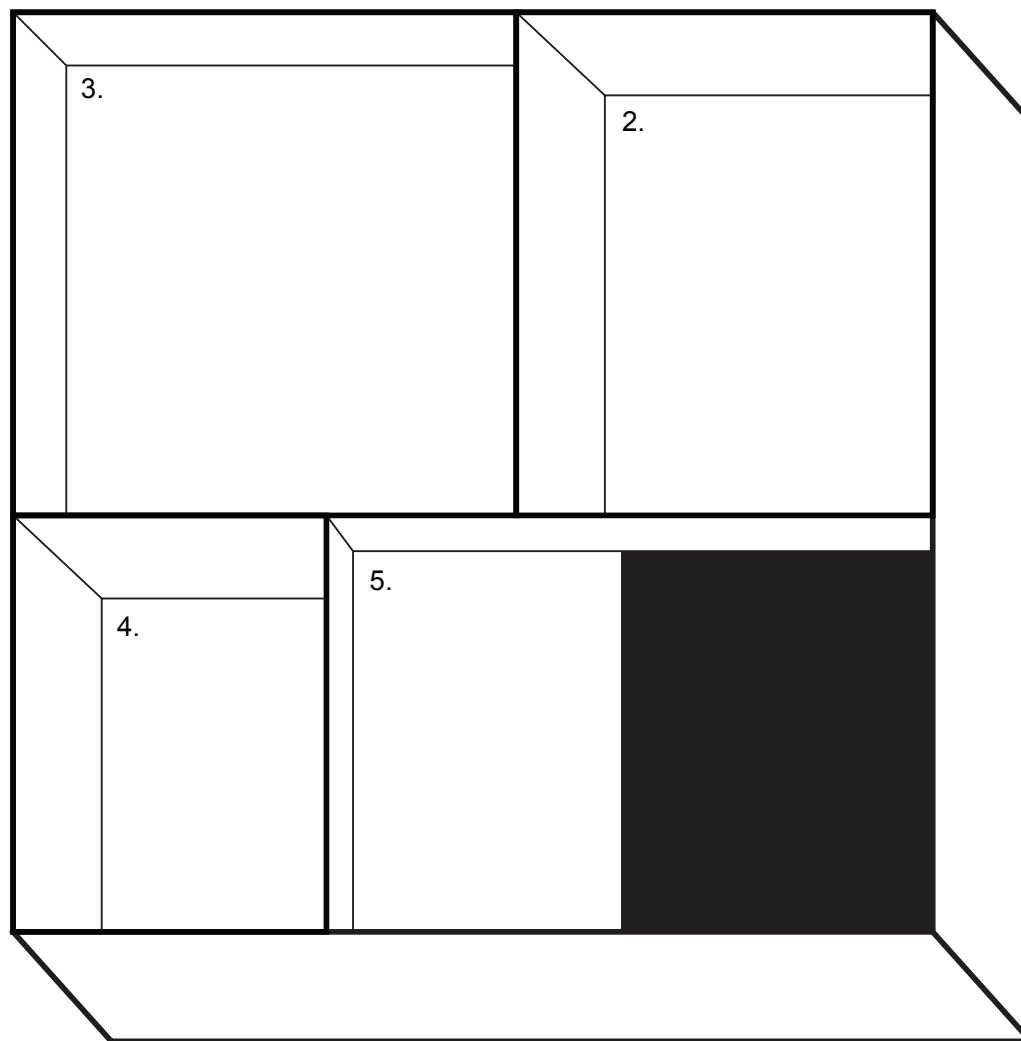
archive
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/ ARCHIVE

/ LABOUR





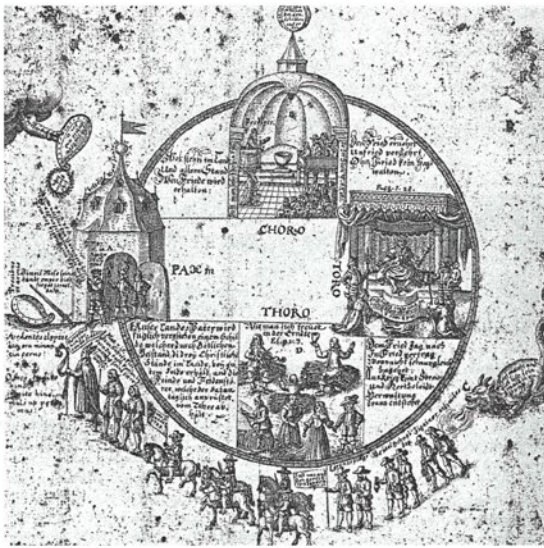


/archive
ROMA

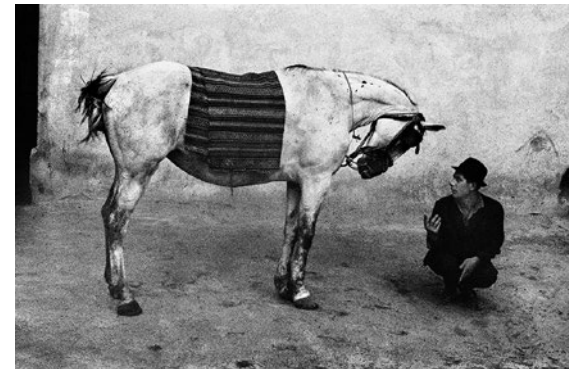
BRIEF HISTORY OF CZECH ROMA

R 0 0 0 0

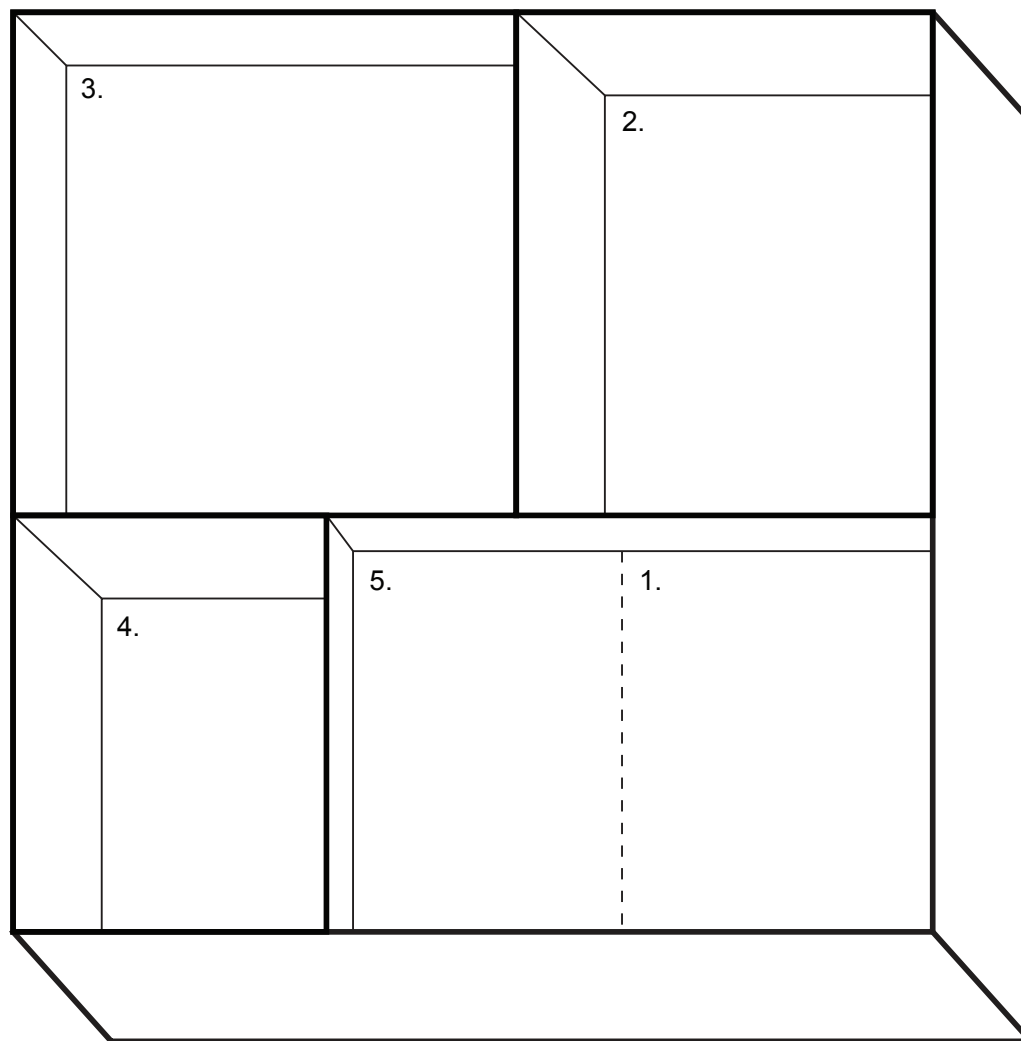
R 0 0 0 0
booklet, 105mm x 147mm

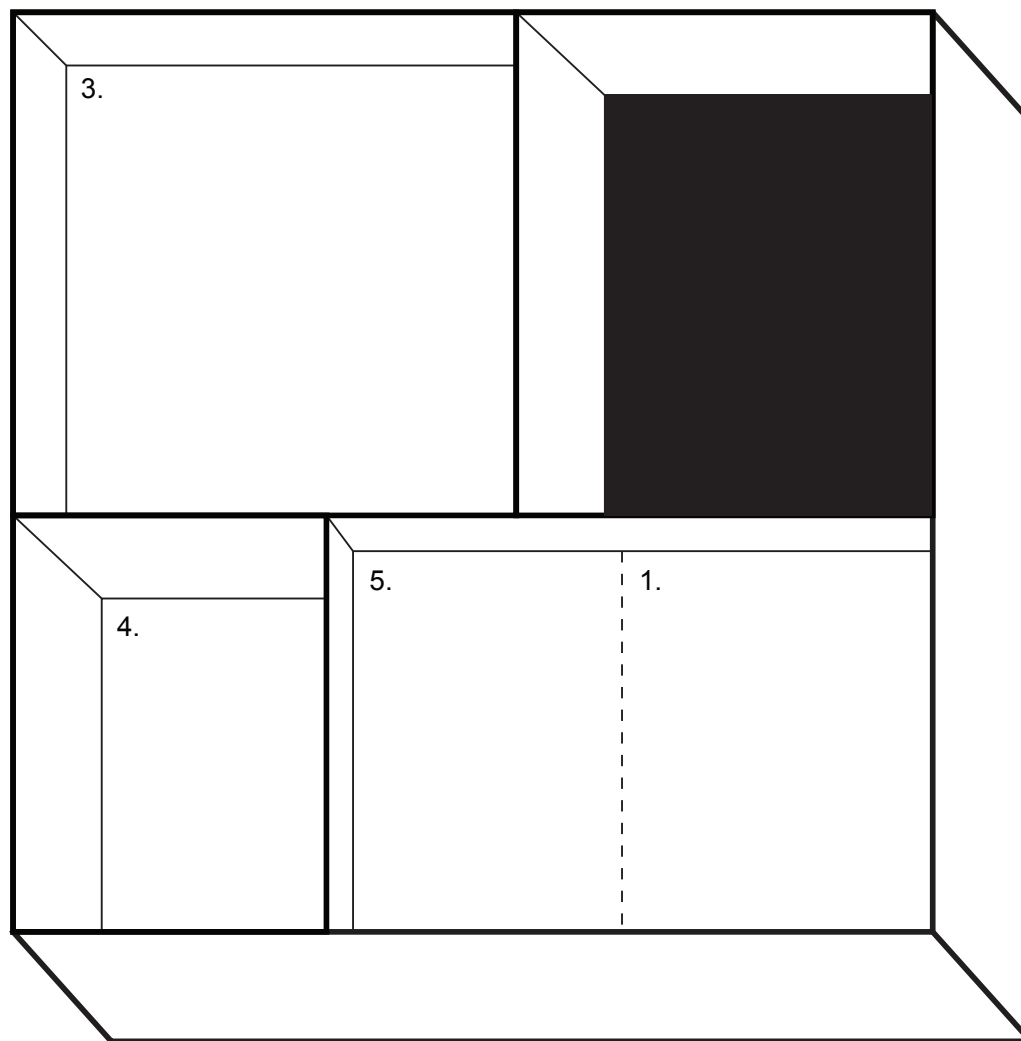


R 0 0 0 6
 "World Order" with an emblematic depiction of "people on the edge"
 J. Petran
 around 1650



R 0 0 0 9
 Gypsies
 Josef Koudelka
 1968





The Holocaust of Czech Roma

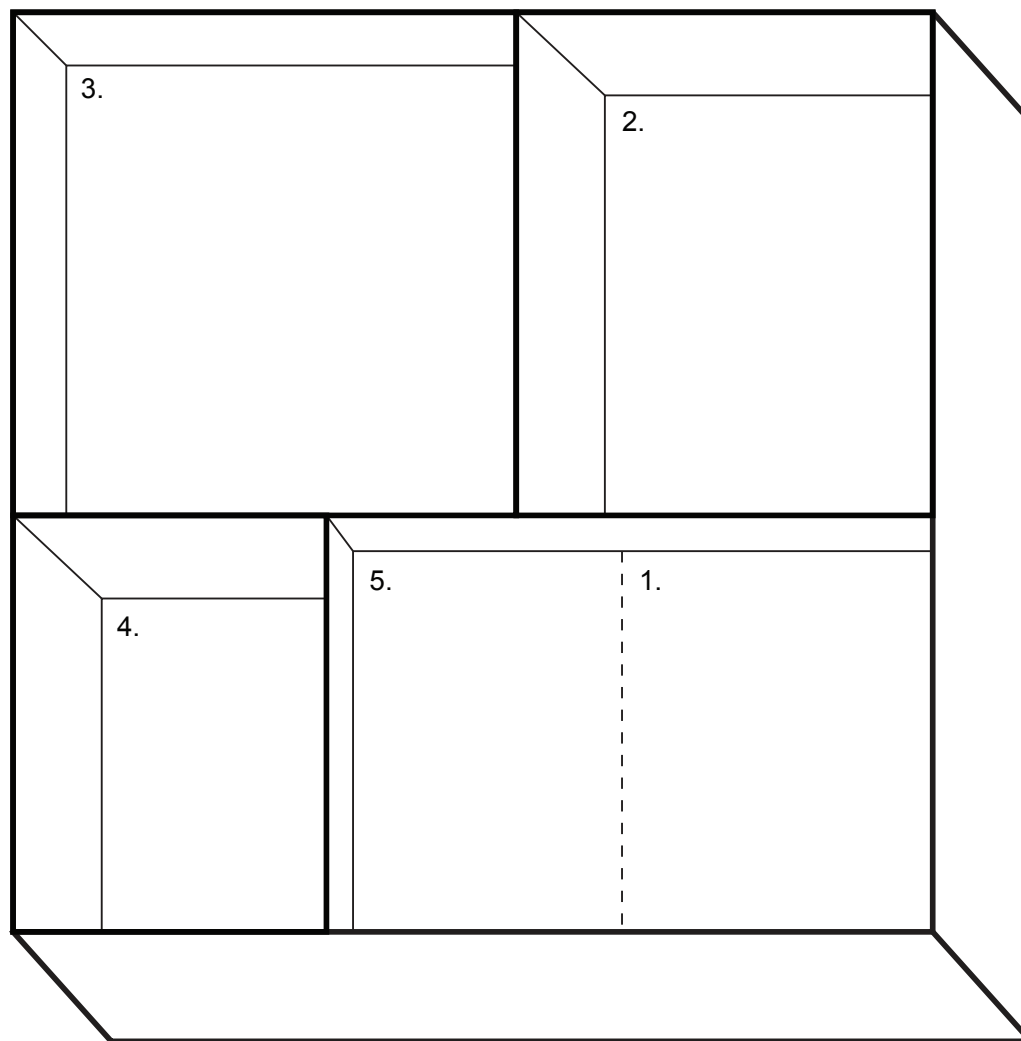


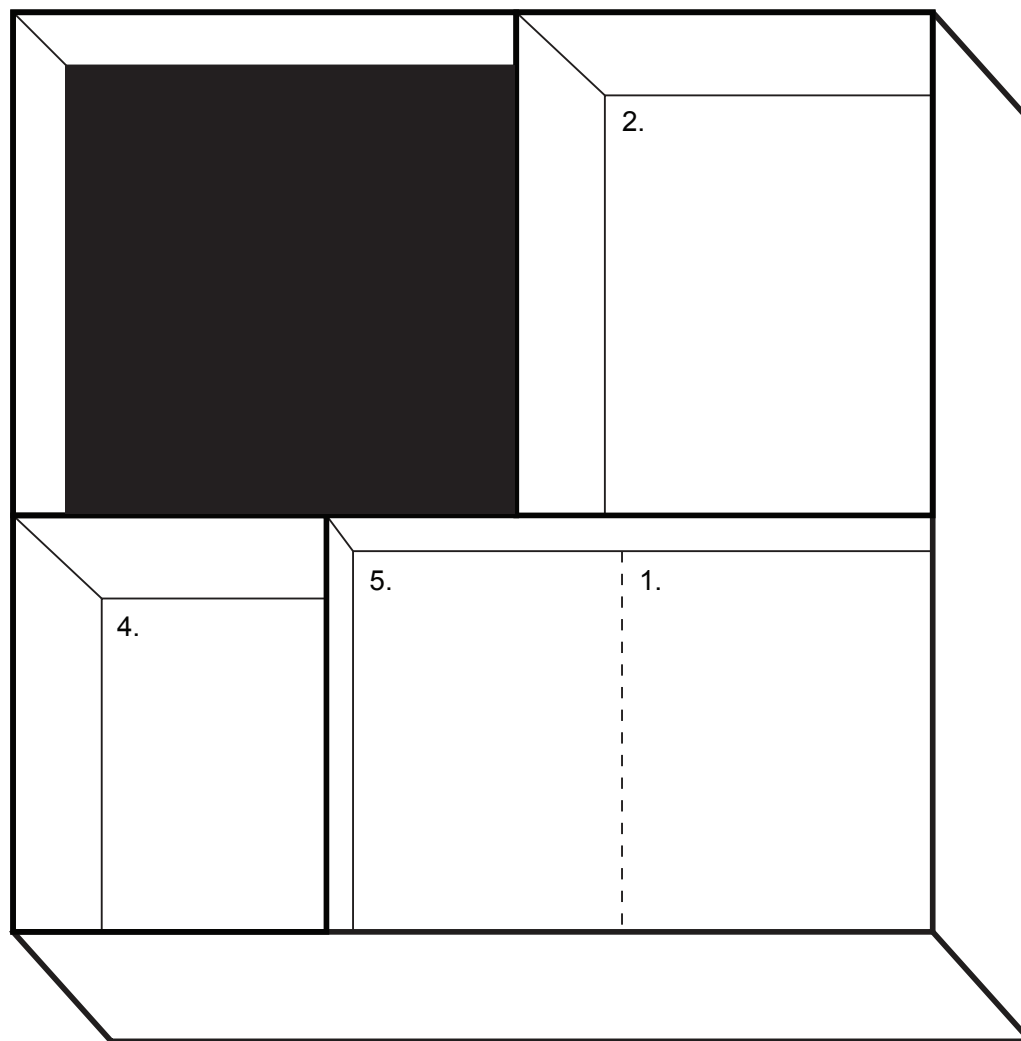
Ctibor Nečas

PROSTOR

R 0 0 2

The Holocaust of Czech Roma. Ctibor Nečas, Praha, 1999



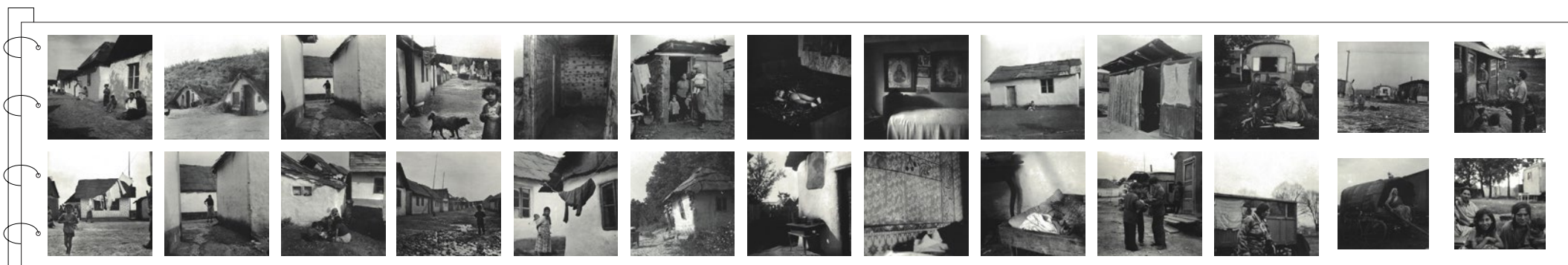




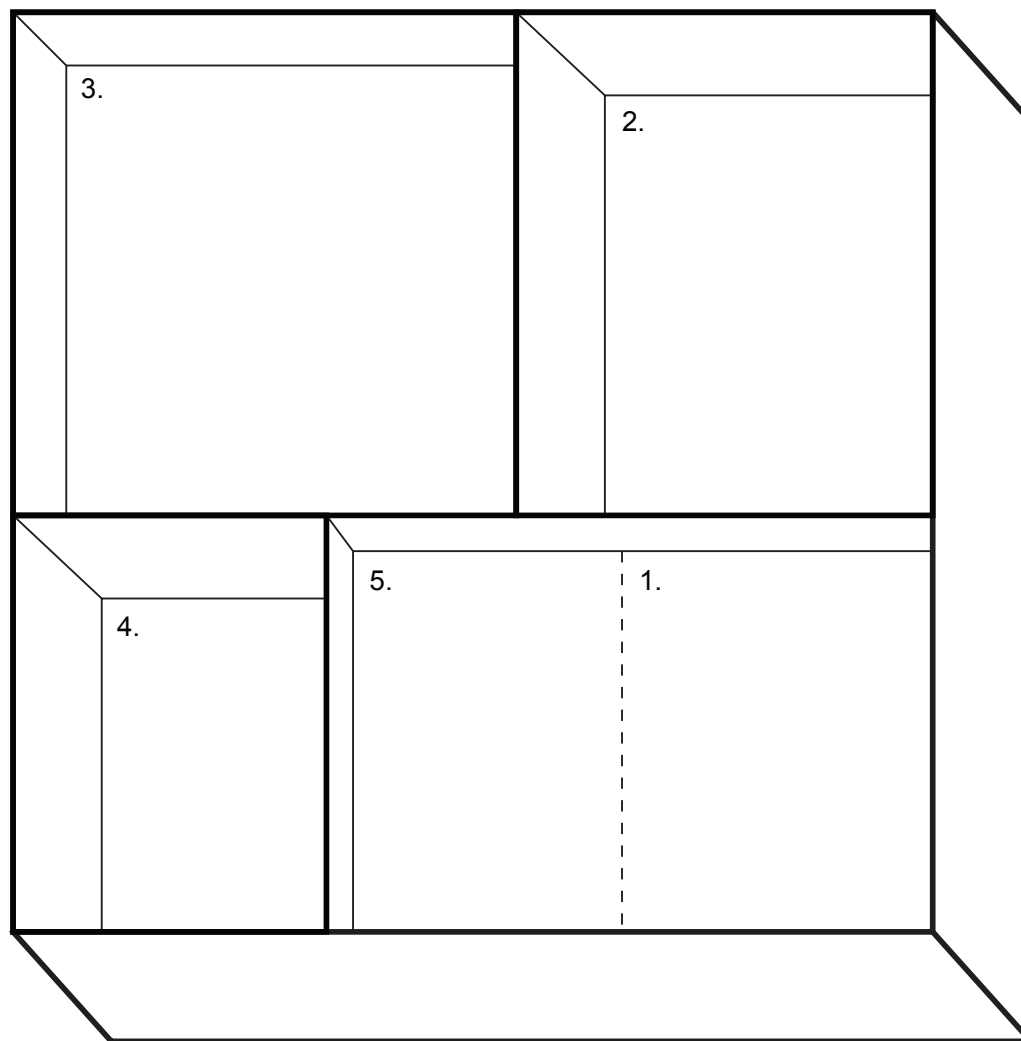
CHILDREN

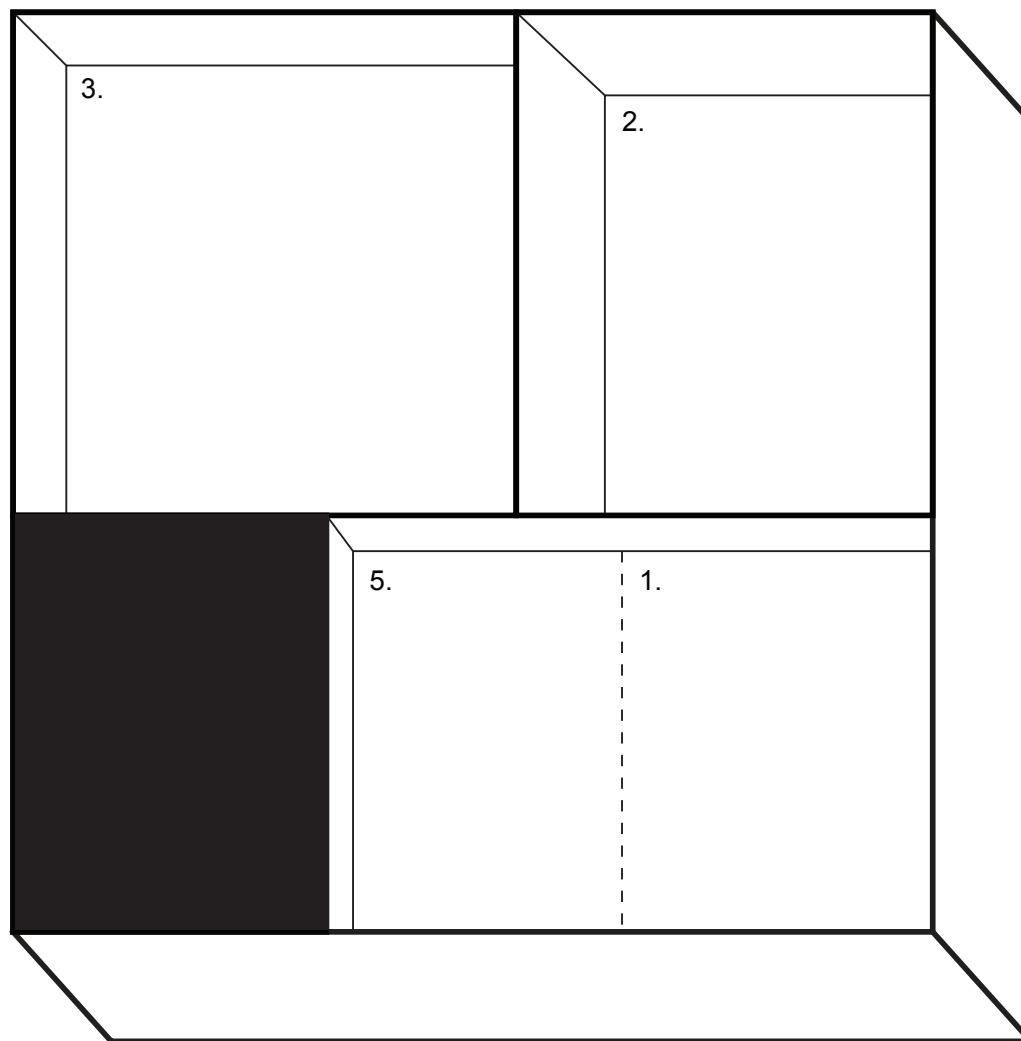


MUSIC



DWELLING



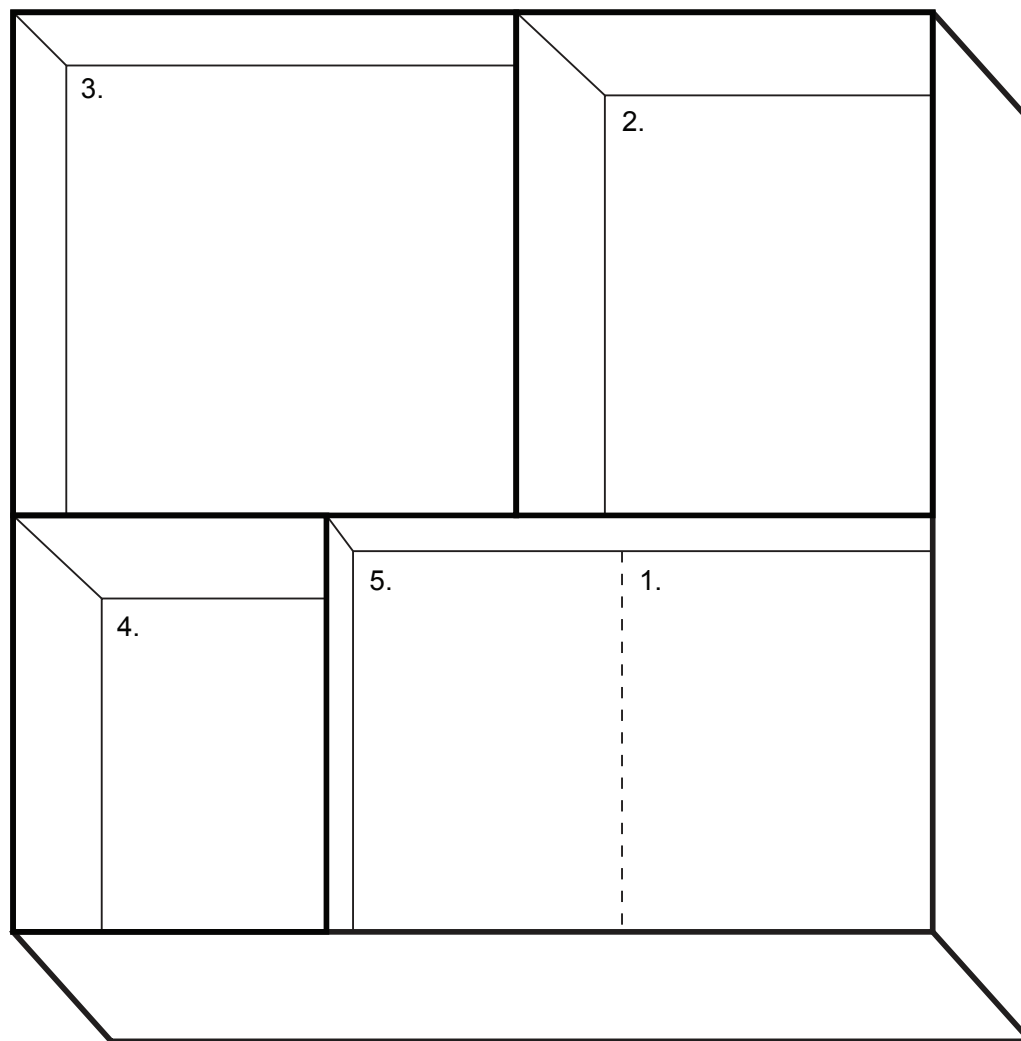


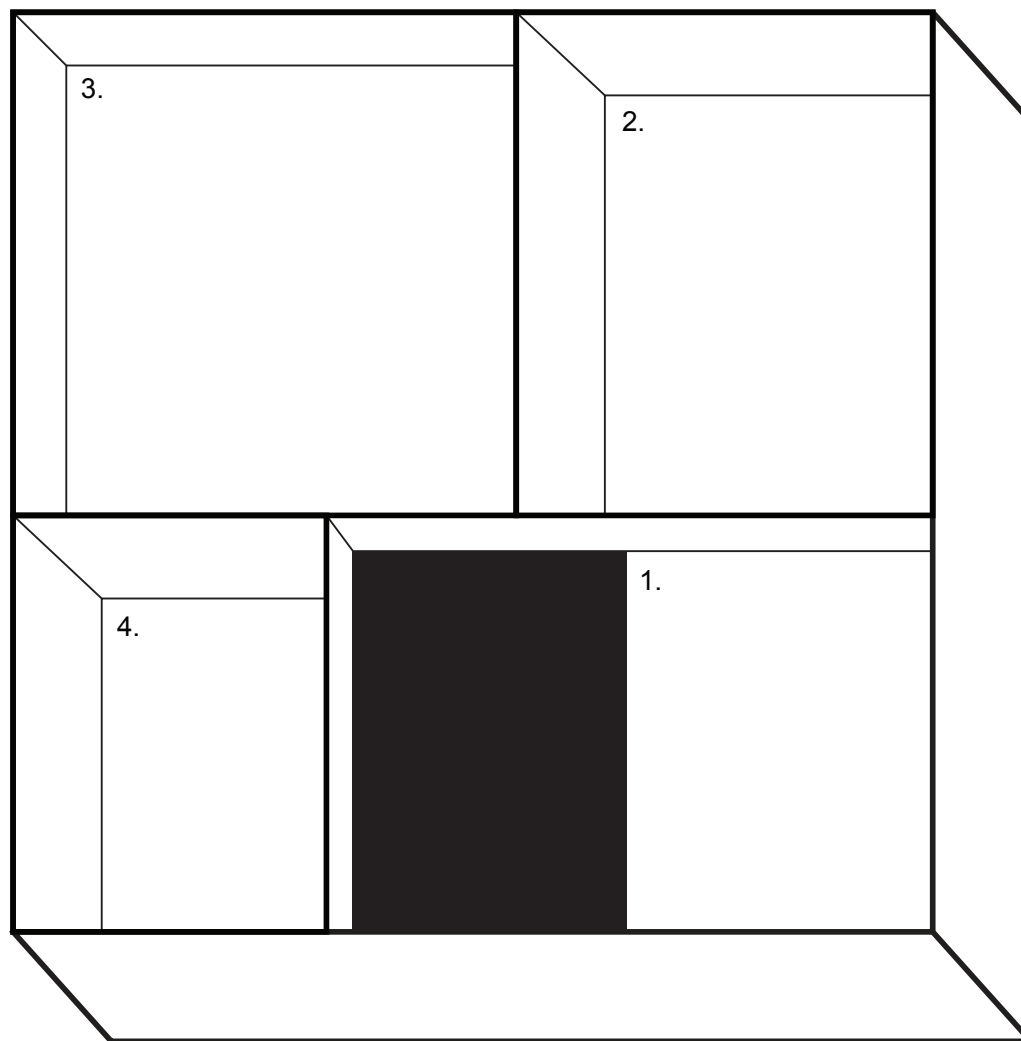


R 0 0 0 3

Roma Czech Dictionary, Milena Hübschmannová et al., Praha, 2001

house	garden	home	city	time	memory	remember	build	demolish	forget	lost
kher <i>m</i> ~ <i>khere</i> - at home <i>kherutano</i> - domestic <i>kheriben</i> - home <i>phagerdo kher</i> - ruin <i>čoro kher</i> - poorhouse <i>dilino kher</i> - psychiatric hospital	bar <i>f</i> barakero <i>adj.</i>	than <i>m</i> kheriben <i>m</i> ~ <i>Miro than odoj, kaj uŝliom.</i> My home is where I was born.	foros <i>m</i> foroskero <i>adj.</i> ~ <i>foroskero manuŝ</i> - citizen <i>foroskero kher</i> - townhall	časos <i>m</i> idejos <i>m</i> čir(o) <i>m</i> ~ <i>Nane man časos.</i> I don't have time.	leperiben <i>m</i>	leperel ~ <i>N'avel mange pre.</i> I cannot remember.	ačhavel budinel ačhavibenskoro <i>adj.</i> ~ <i>ačhaviben</i> - building <i>K'amende o Roma ačhavkerde neve khera.</i> All Romanies have gradually built new houses.	aravel čhivel tele ~ <i>arad'ipen</i> - ruin	bisterel ~ <i>Bisterel, so čha'la idž.</i> He forgot what he ate yesterday.	našado prepejlo ~ <i>našavkerel</i> - lose <i>našavel godi</i> - lose one's mind





/archive
ROMA

ROMA IN CZECH MODERN ART

RA 000

RA 000
booklet, 105mm x 147mm



RA 001
 Untitled, airbrush on canvas
 Ladislava Gážíová
 2010



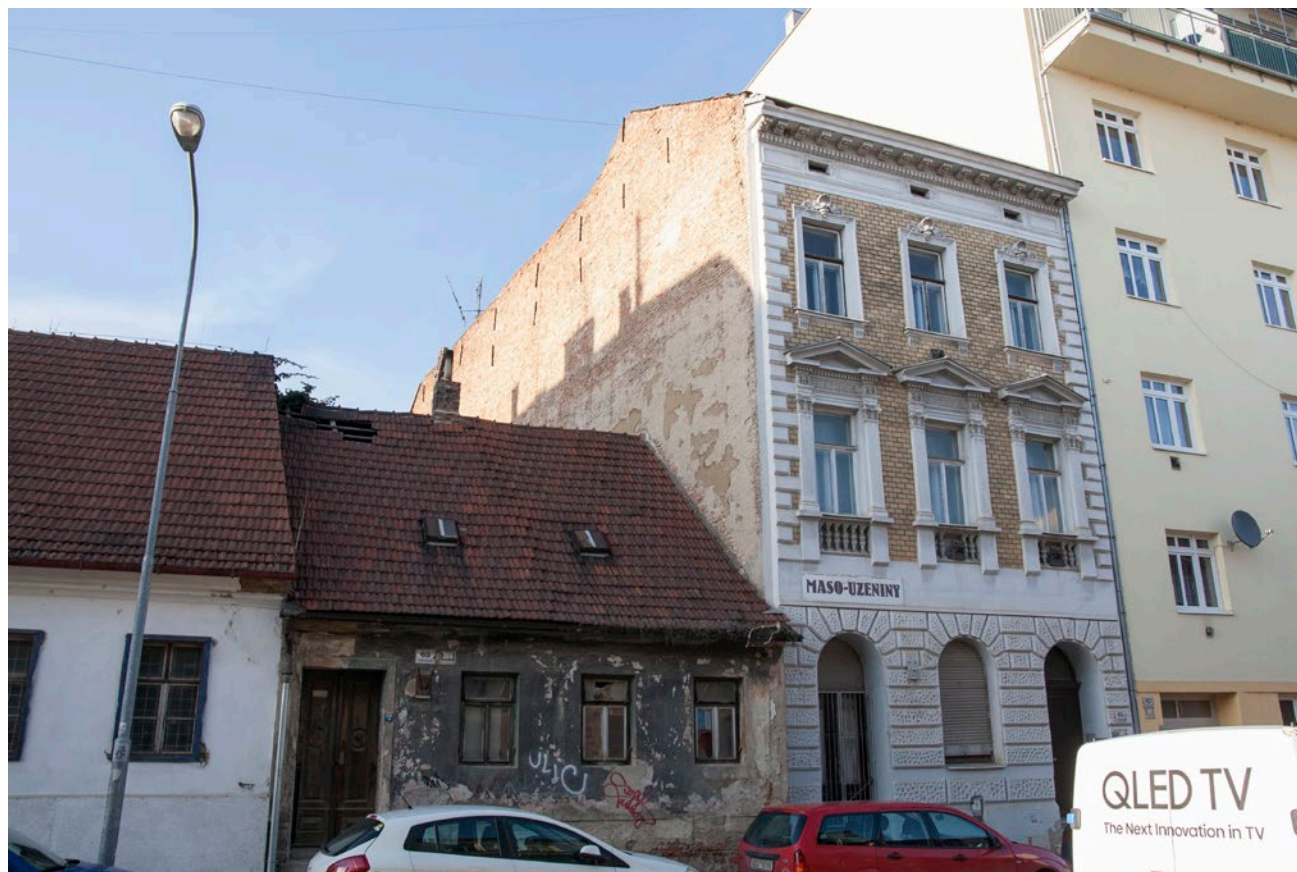
RA 0015
 -
 Luděk Farkaš
 2018



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/ ~~Lost~~ Memory of Brno
/ SITE ANALYSIS











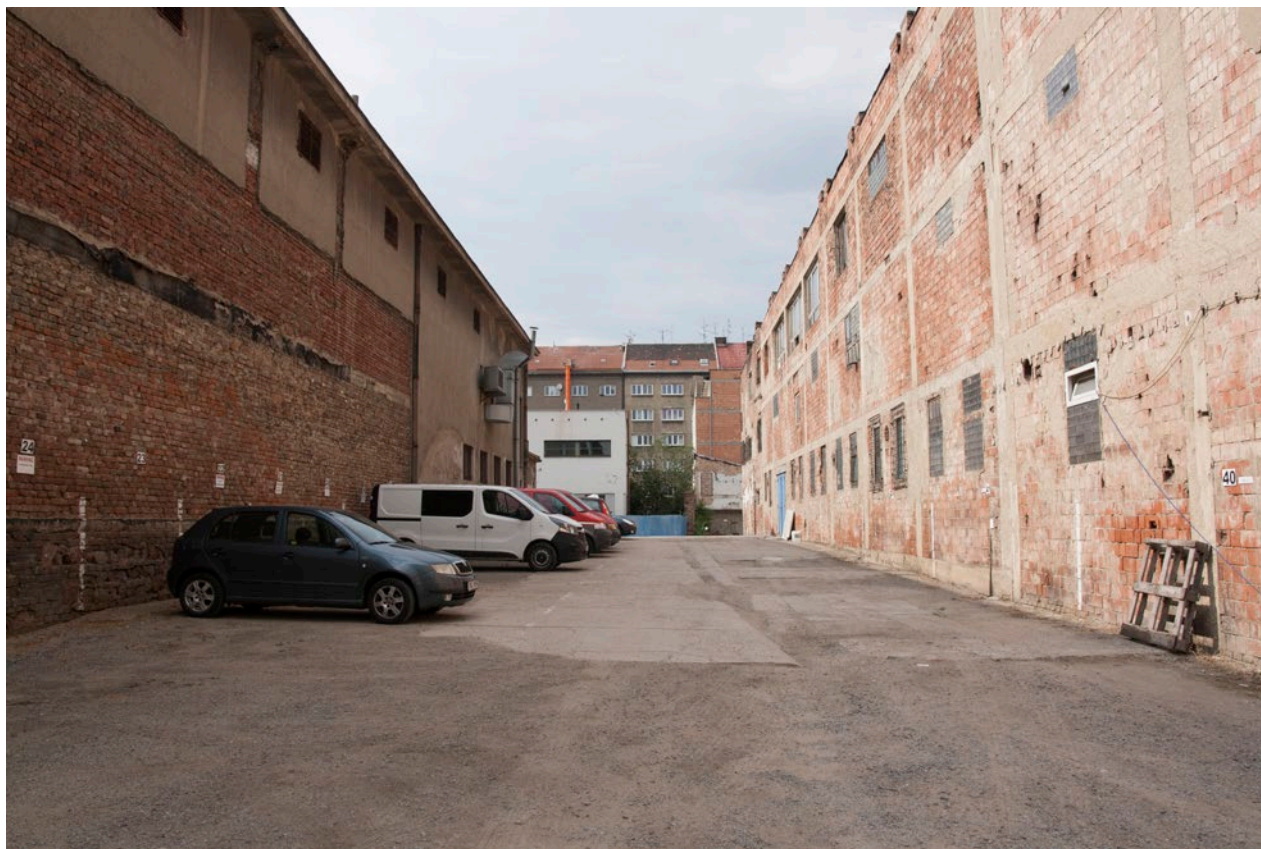


















A - CAR REPAIR SHOP P - CAR PARK W - WORKSHOPS E - ENTERTAINMENT G - GARDEN O - NO USE

— solid fence open fence —+— entrance

1:2000

 destroyed and disappeared after WWII

 destroyed and rebuilt after WWII



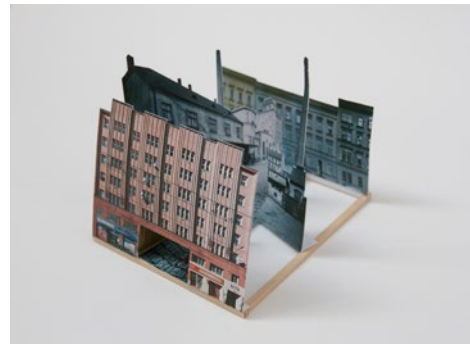
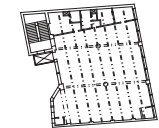
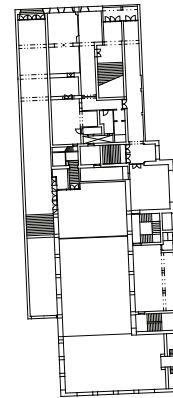
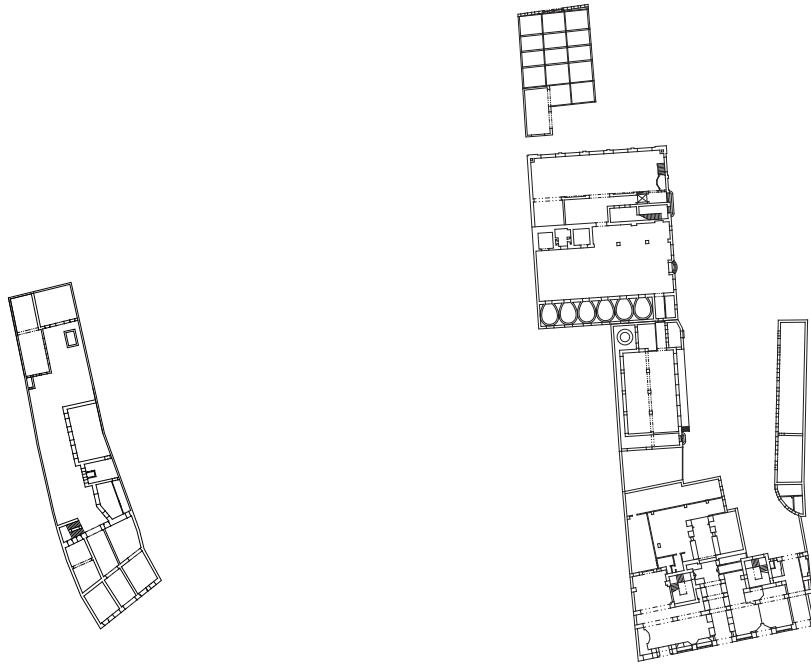
A - CAR REPAIR SHOP P - CAR PARK W - WORKSHOPS E - ENTERTAINMENT G - GARDEN Ø - NO USE

— solid fence open fence + entrance

1:2000

destroyed and disappeared after WWII

destroyed and rebuilt after WWII



gap site

bakery

workers' house

textile factory

archive
/ ~~Lost~~ Memory of Brno

/ GAP SITE



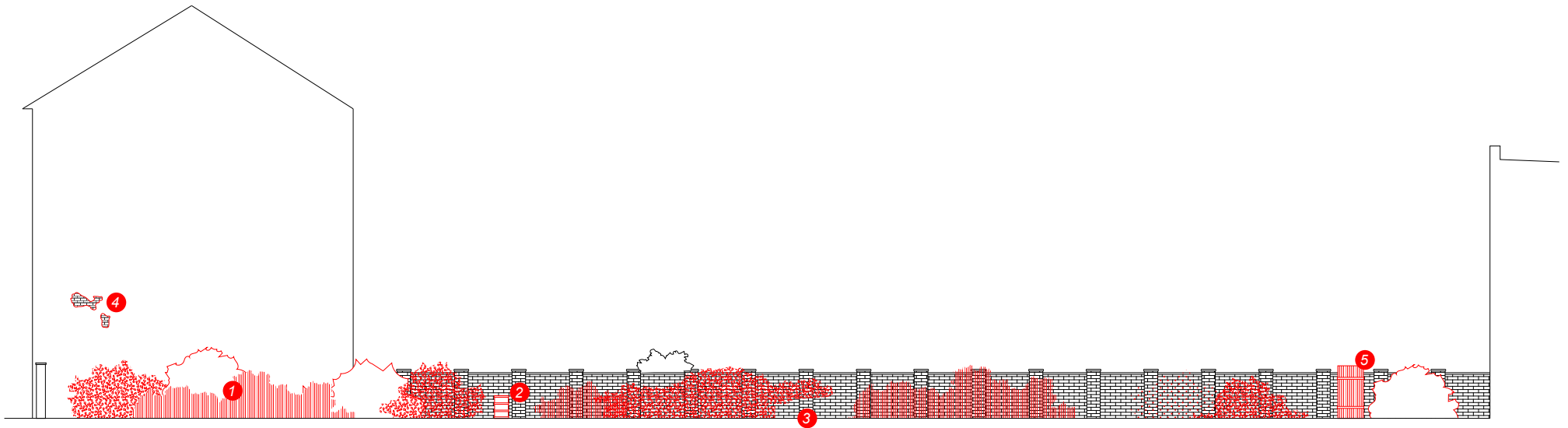
		1800s	1945	1945	1920s	2011	1922	2002	1921	2002	1919	2005
		gap site		workers' house	apartment b.		expedition		production		textile factory	
Foundations	Rubble stone											
	Masonry, stepped footing											
	Tamped concrete											
	Plain concrete											
	Reinforced concrete											
	Raft foundations											
	Deep foundations											
Basement, ground floor slab	Compacted soil											
	Clay brick pavings											
	Plain concrete up to 100mm thick											
	Plain concrete											
Floor slab over basement	Reinforced concrete											
	Masonry vaulting											
	Jack arch floor											
External walls in contact with the ground	In situ concrete slab											
	Heavyweight masonry											
	Tamped concrete											
	Reinforced masonry, concrete-filled blocks											
Waterproofing in the ground	Plain concrete, formwork to one side											
	Reinforced concrete											
	Simple vertical waterproofing											
	Secure vertical waterproofing											
Loadbearing walls	Secure horizontal waterproofing											
	Secure tanking in ground water											
	Masonry, solid masonry units											
	Masonry, hollow and lightweight masonry units											
Vertical frame	Concrete - filled blocks											
	Reinforced concrete											
	Timber construction											
	Cast iron											
	Steel, riveted											
	Steel, welded and bolted											
Suspended floors	Reinforced concrete with haunches											
	Reinforced concrete											
	Precast concrete elements											
	Timber joist floor											
External walls	Steel beams with infill elements, jack arch floors											
	Precast concrete elements with infill elements											
	Reinforced concrete											
	Single-leaf											
Roof covering	Cavity wall (unventilated)											
	Double-leaf with cavity insulation											
	Full thermal insulation											
	Pitched roof, bullnose tiles (bobrovky)											
Windows, facade	Pitched roof, interlocking clay tiles											
	Flat roof without insulation											
	Flat roof with insulation											
	Coupled windows											
Non-loadbearing walls	Secondary glazing											
	Single windows											
	Single windows, double glazed											
	Curtain wall facades											
Floor finishes to suspended floors	Masonry, solid masonry units											
	Masonry, hollow and lightweight masonry units											
	Lightweight partitions, fabricated on site											
	Lightweight partitions, partly prefabricated											
Ceilings	Floorboards, nailed											
	Subfloors with finished wearing surface (terrazzo)											
	Unbonded subfloors											
	Floating subfloors											
Insulation	Plaster on background (Rabitz type)											
	Plaster on wood-wool lightweight boards											
	Plaster on solid suspended floor											
	Suspended ceiling, partly prefabricated											
Chimneys, heating	Natural materials (peat, cork,...)											
	Wood-wool lightweight boards											
	Man-made vitreous fibres (mineral wool)											
	Foamed plastics											
	Masonry chimneys											
	Masonry chimneys with flue pipes											
	Special flue bricks											
	Individual stoves											
	Central heating											

construction elements' lifetime analysis



ACTION PLAN FOR GAP SITE
INFRASTRUCTURE TO STUDY ENVIRONMENT

- first weeks
1. clean up
clear shrubs preventing access
sort out the debris and other trash
useful building material kept
- first months
2. inspect presence of hazardous materials
3. archeological excavation
reveal any traces of the tenement house basement
4. structural survey of surrounding gable walls
5. possible connection with other lots in the northern end of the site

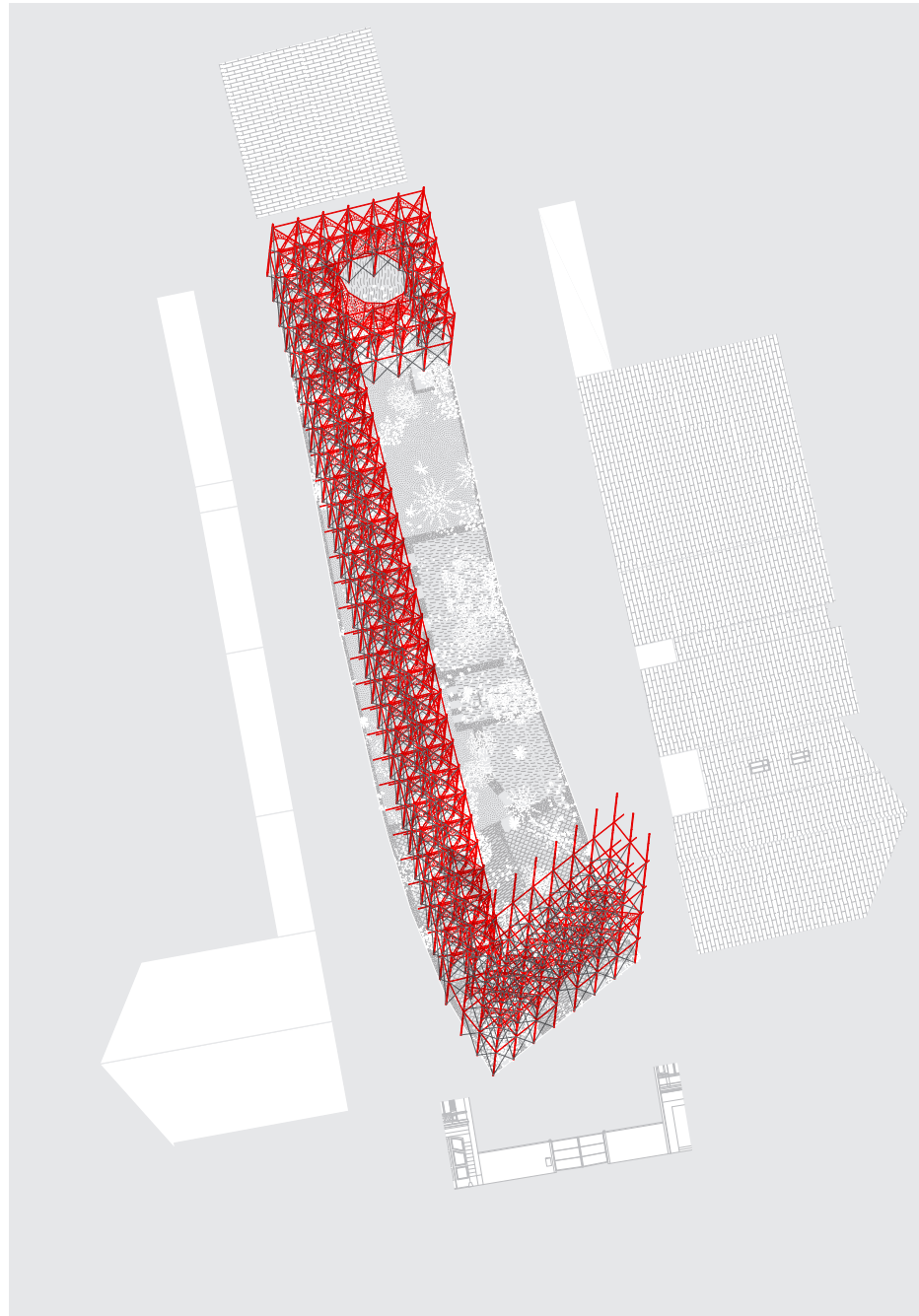




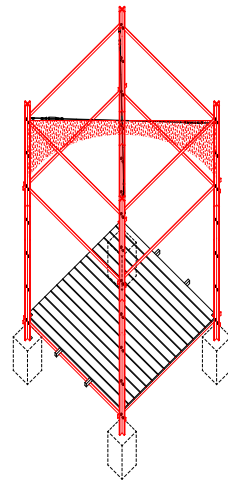
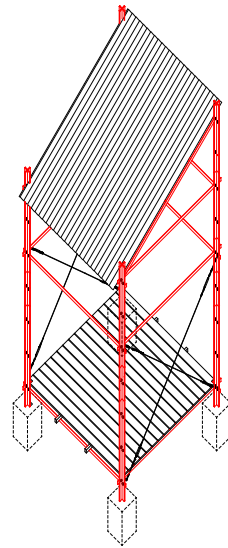
layout of the disappeared tenement house, 1921



current state, 2018



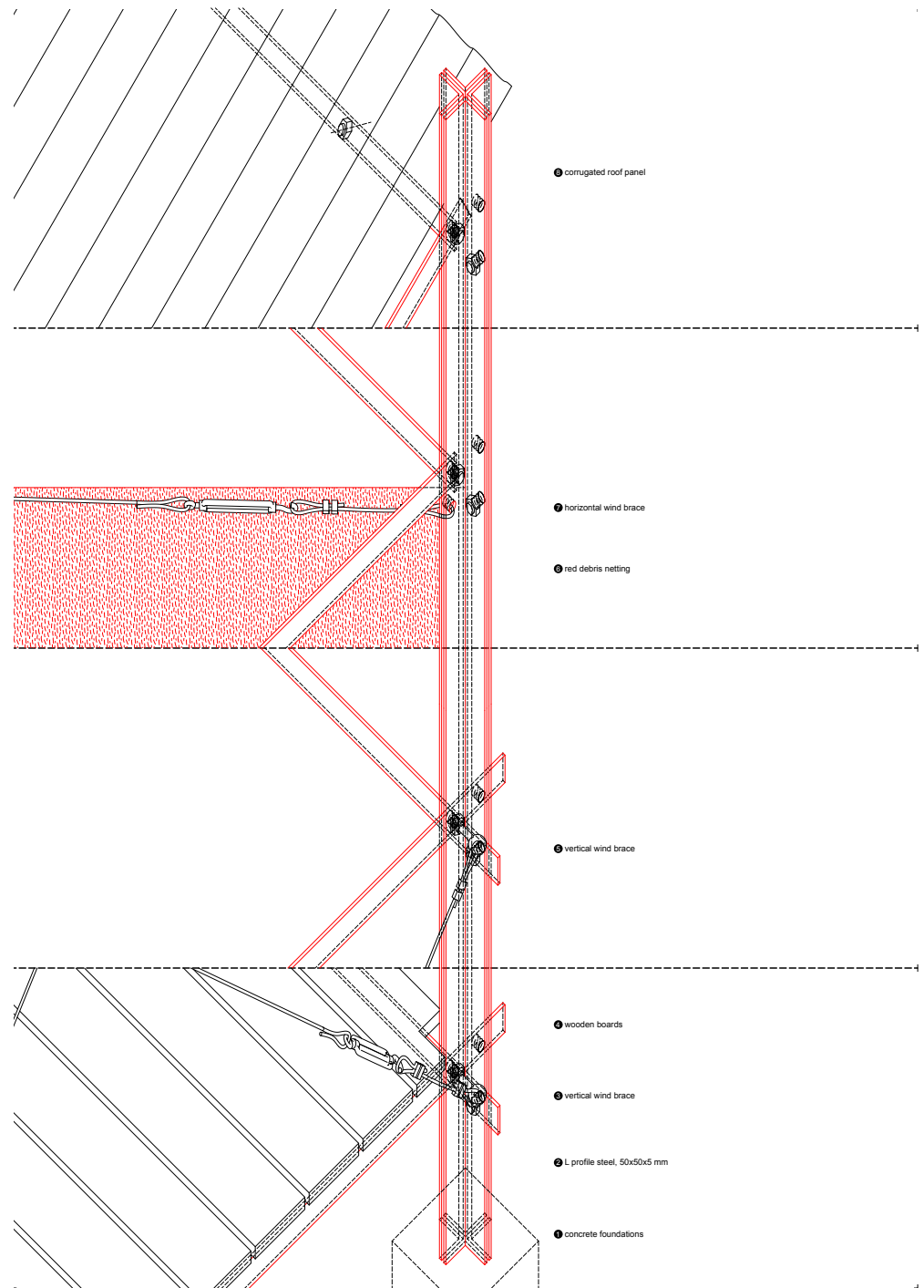
proposal



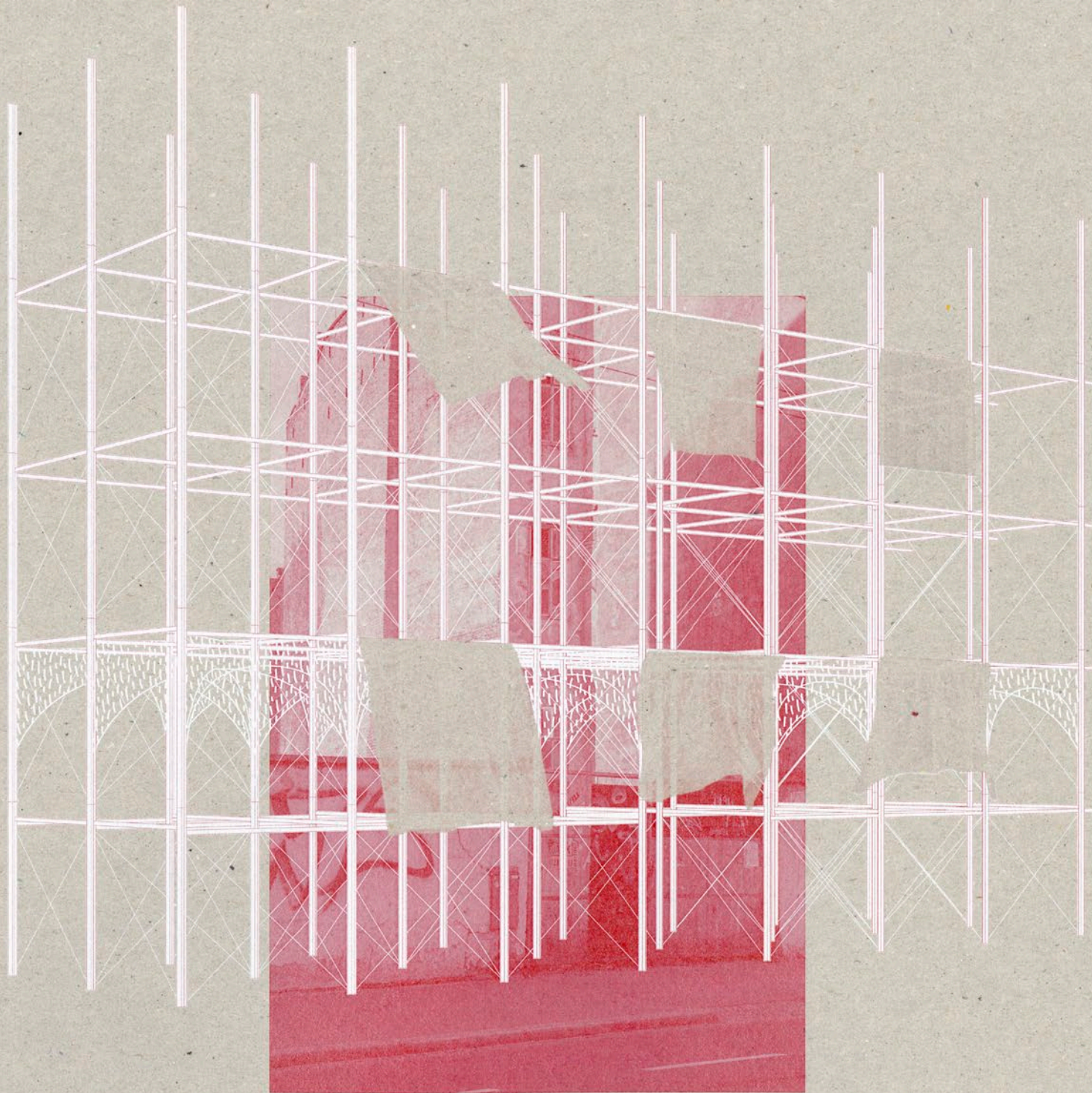
basic module

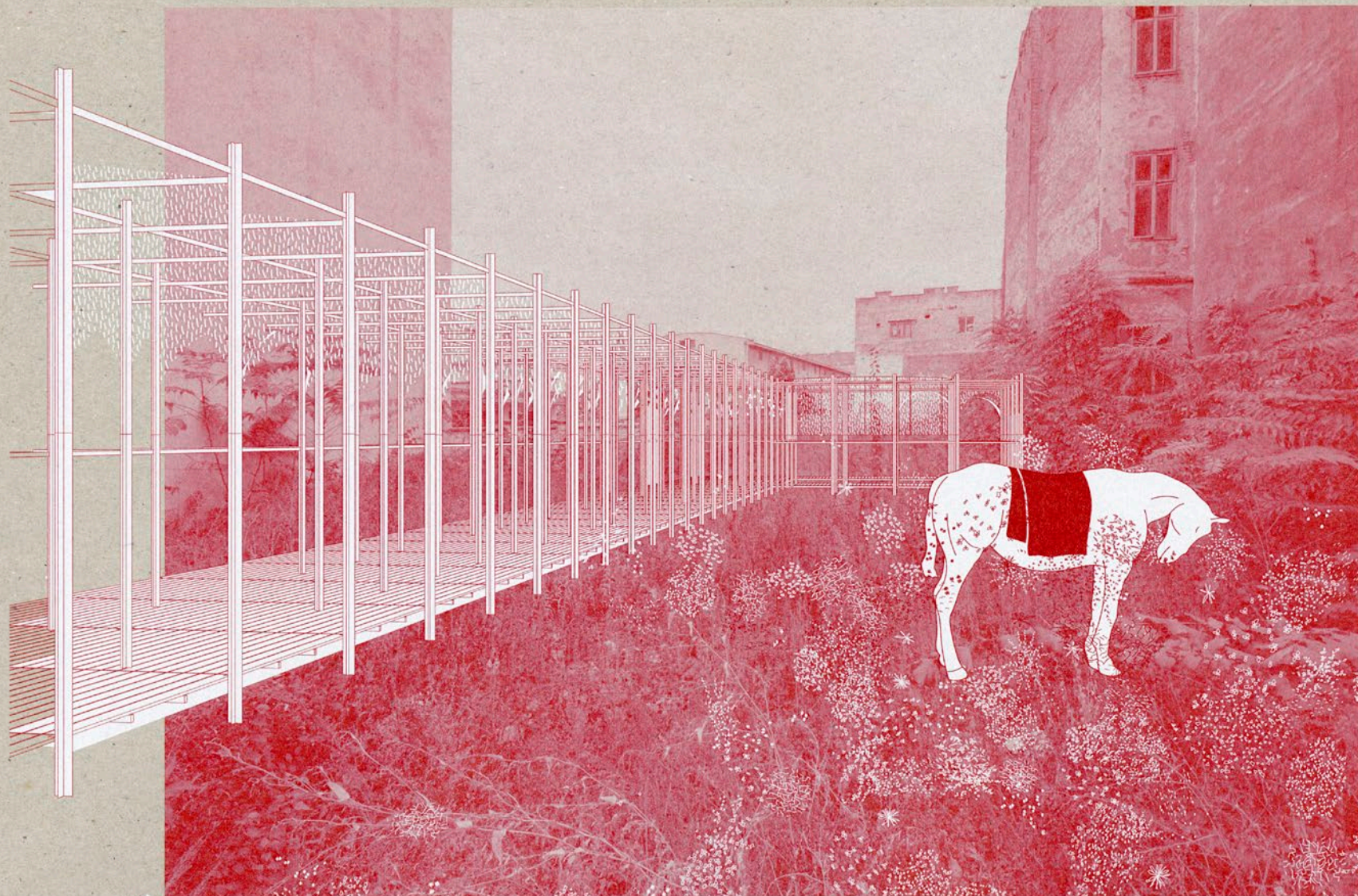


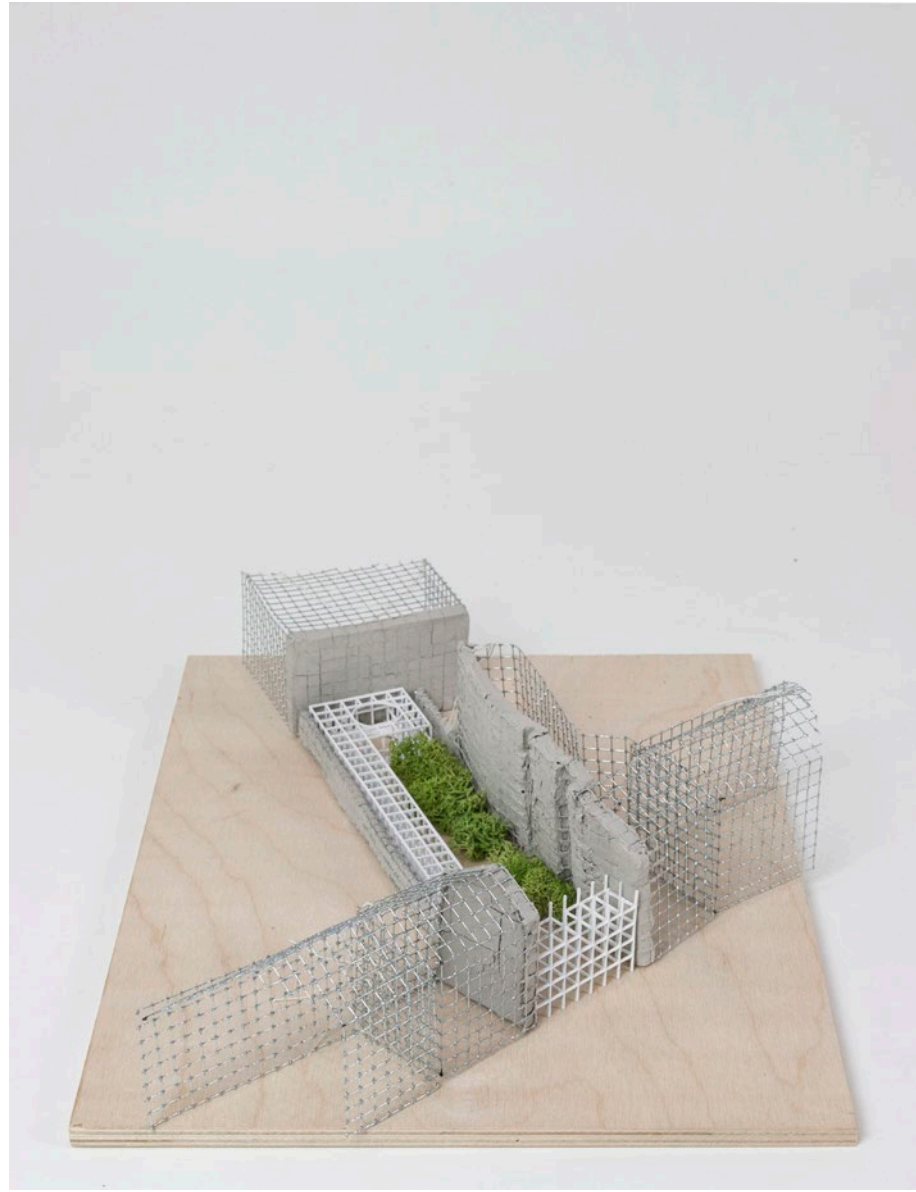
basic module



details











archive
/ Lost Memory of Brno

/ BAKERY

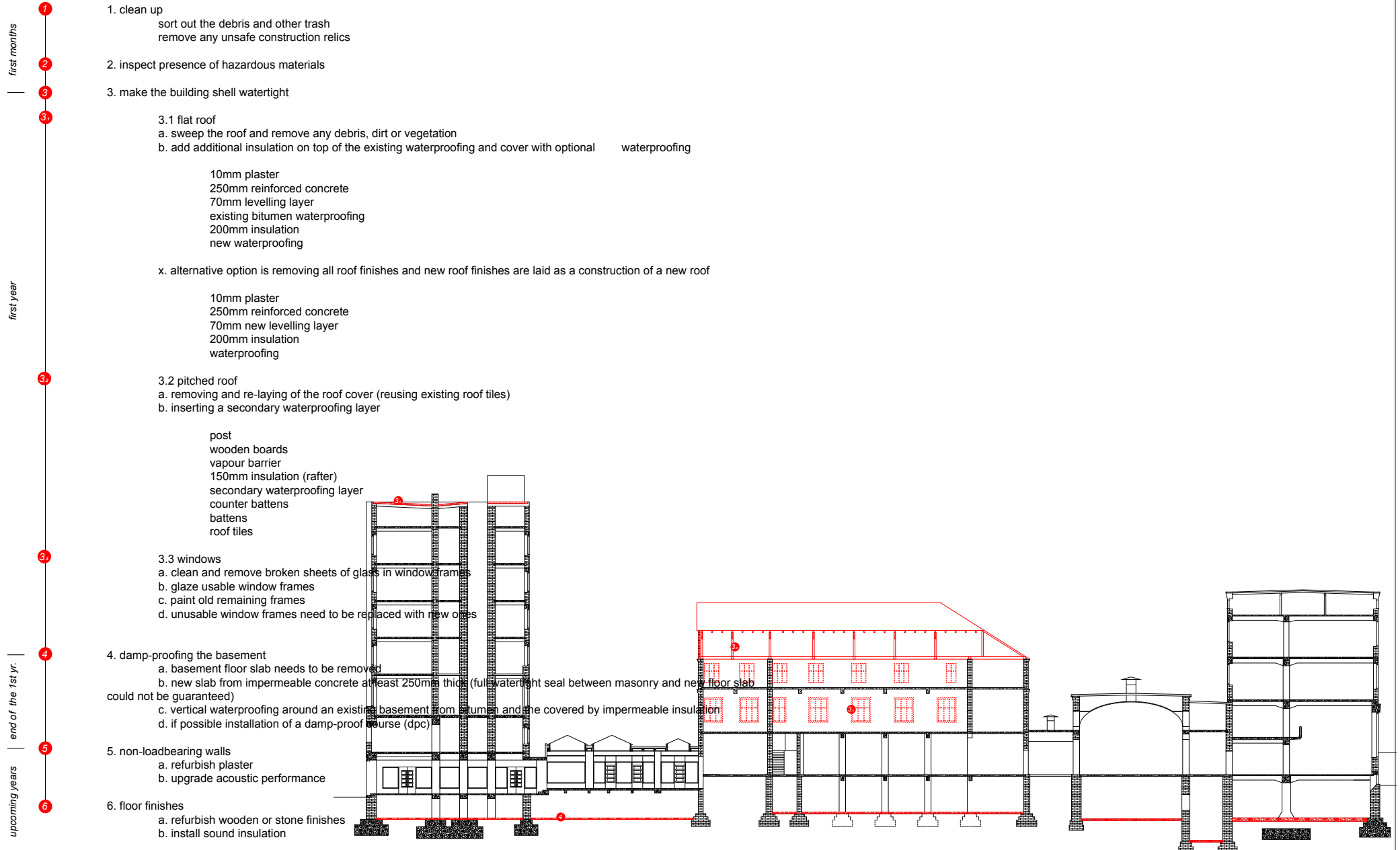


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	Special flue bricks											
	Individual stoves											
	Central heating											

construction elements' lifetime analysis

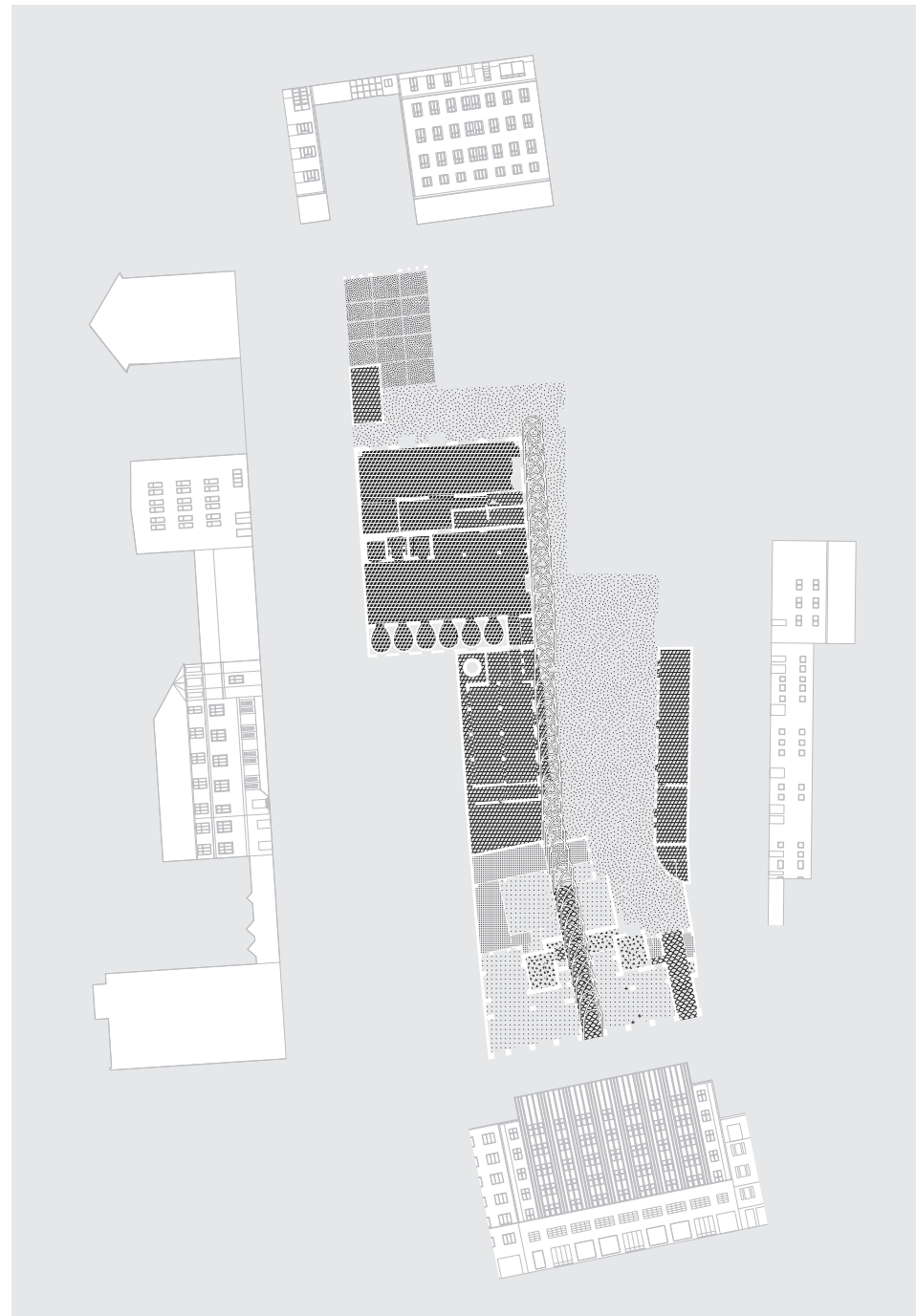


ACTION PLAN FOR BAKERY UNLOCKING THE BLOCK

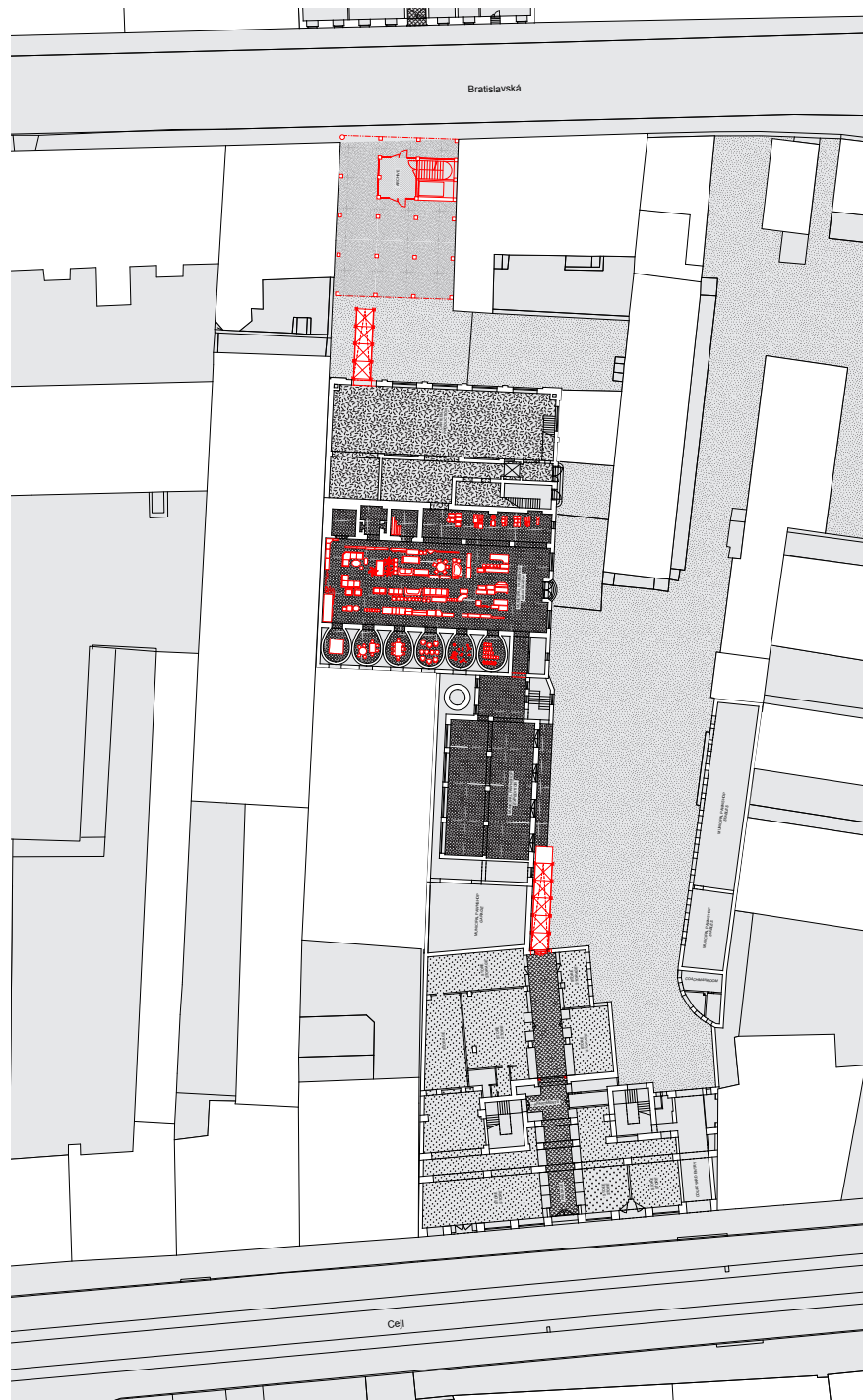




original layout of the Labour Bakery, 1926



current state, 2018



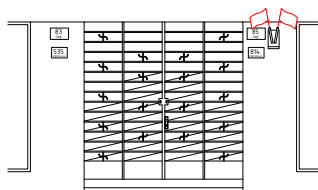
proposal, ground floor



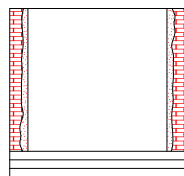
proposal, axonometry



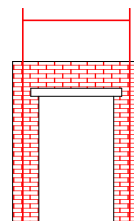
proposal, section



O.1.
entrance gate



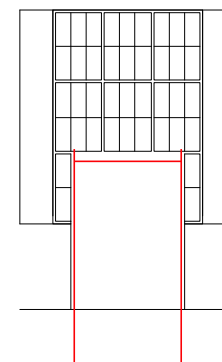
O.2.
removing partition wall
in passage



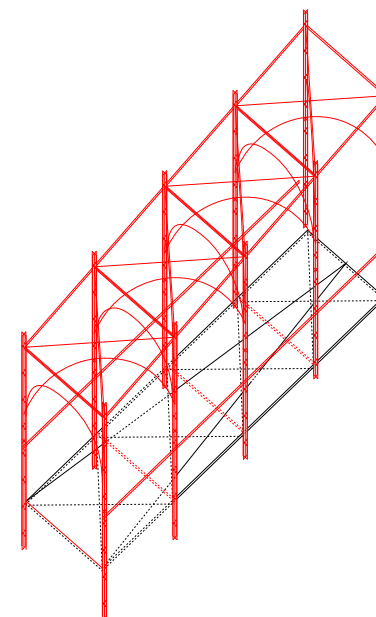
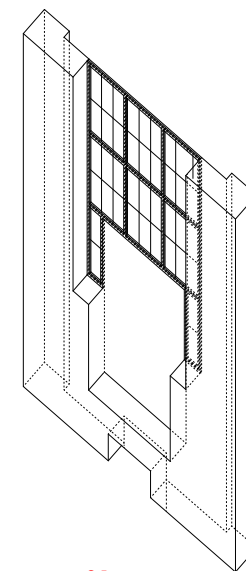
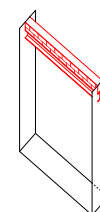
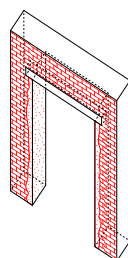
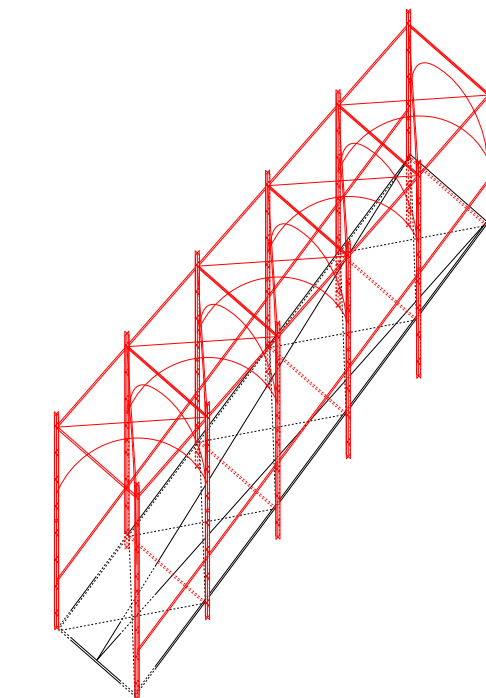
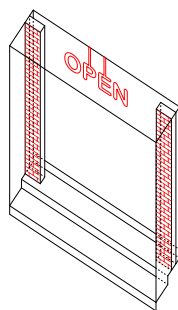
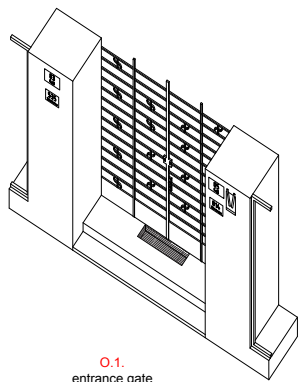
O.3.
opening passage
to the courtyard



O.4.
widening entry
to the bakery



O.5.
opening through the window
of the expedition build.



proposed interventions

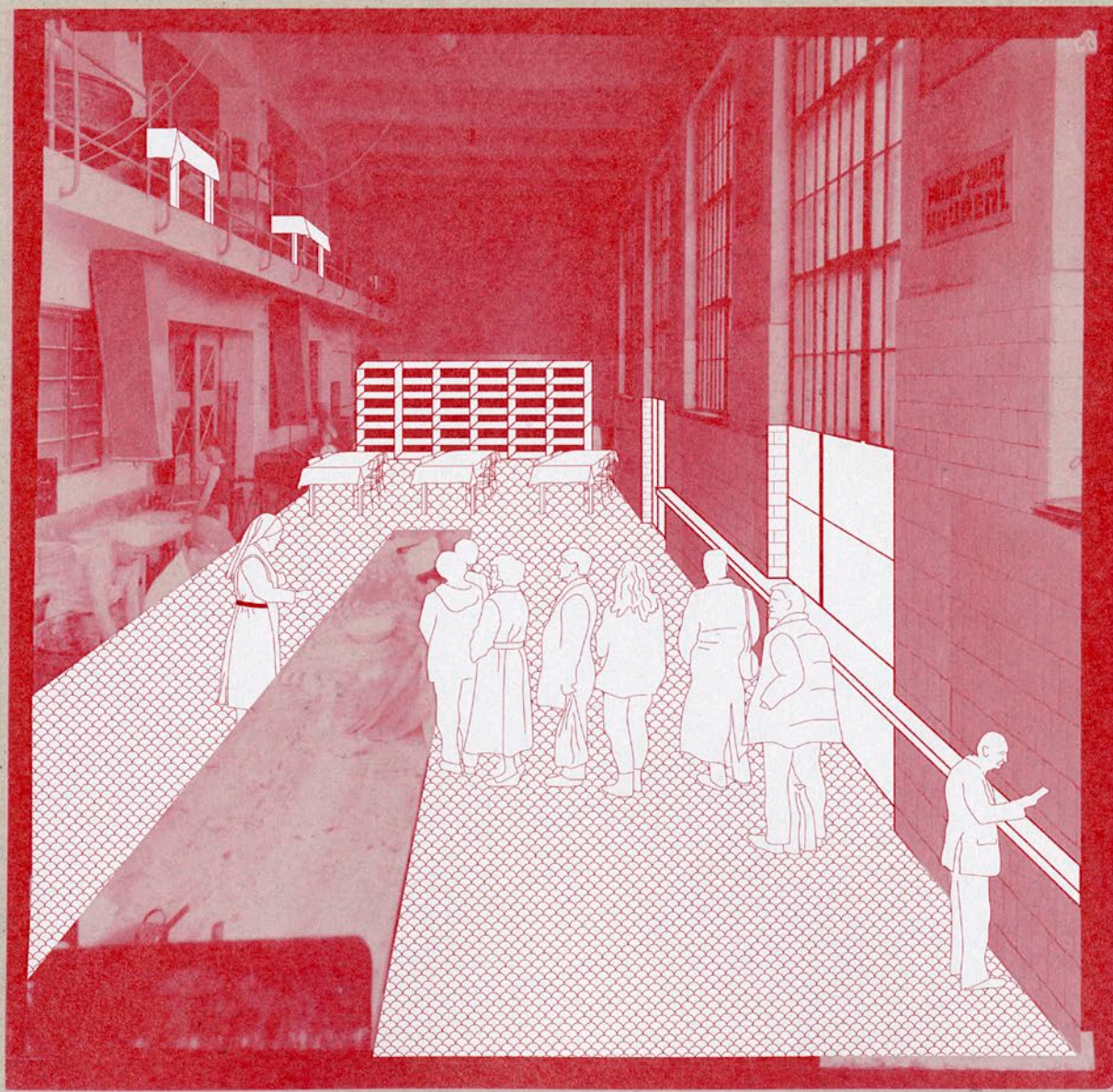


passage



municipal pawnshop

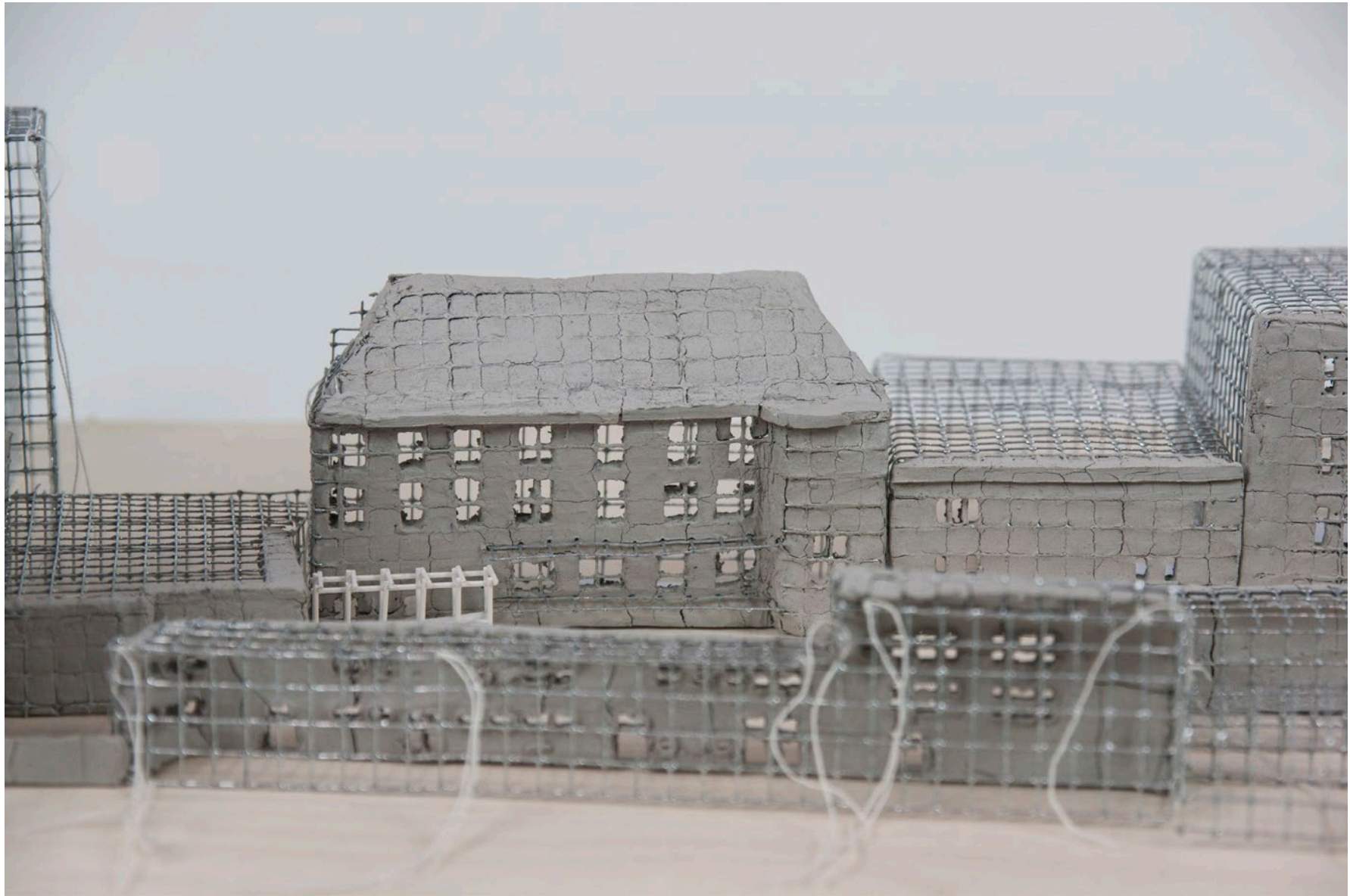




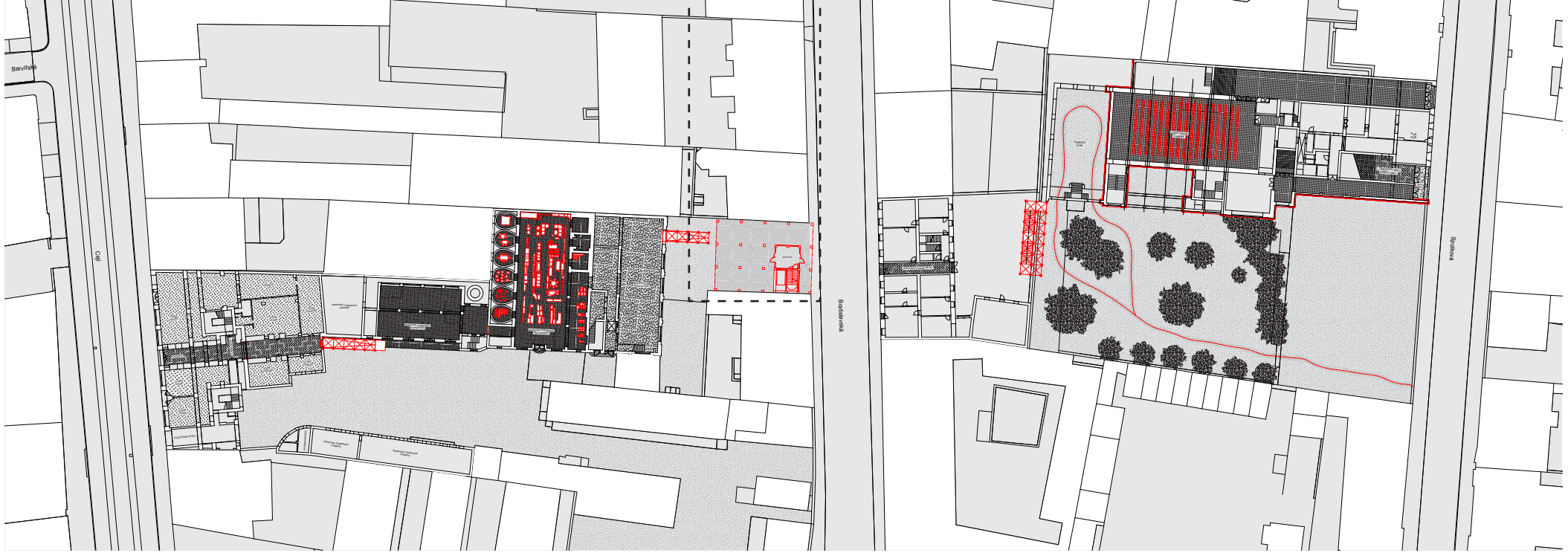
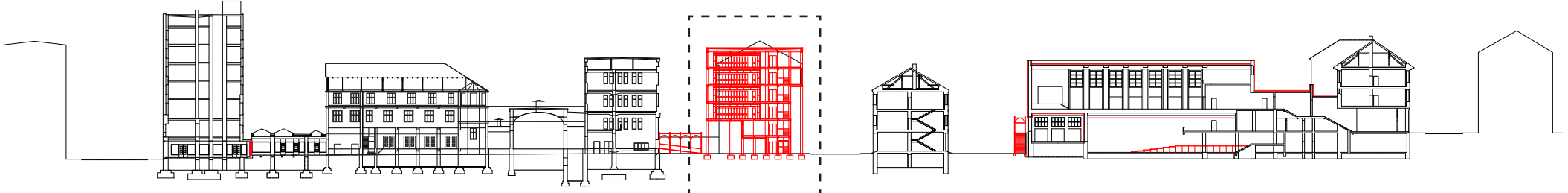
canteen





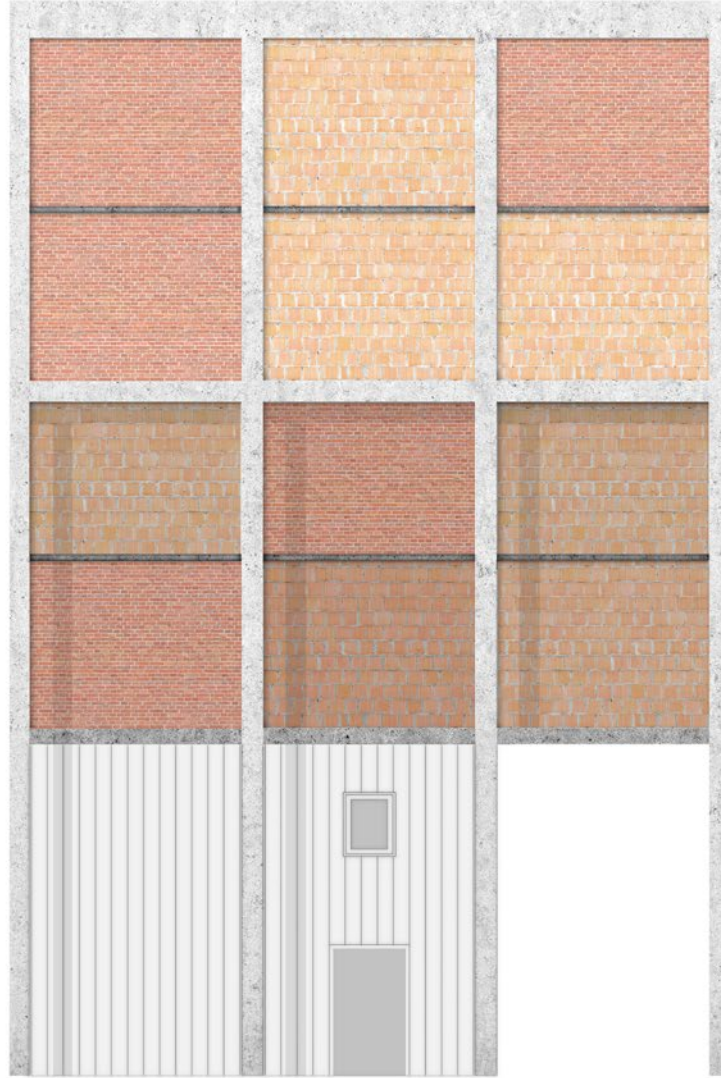




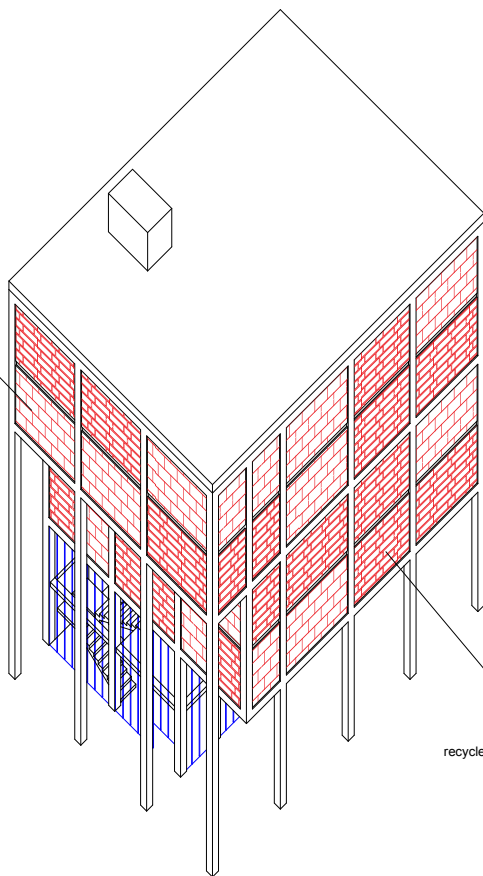




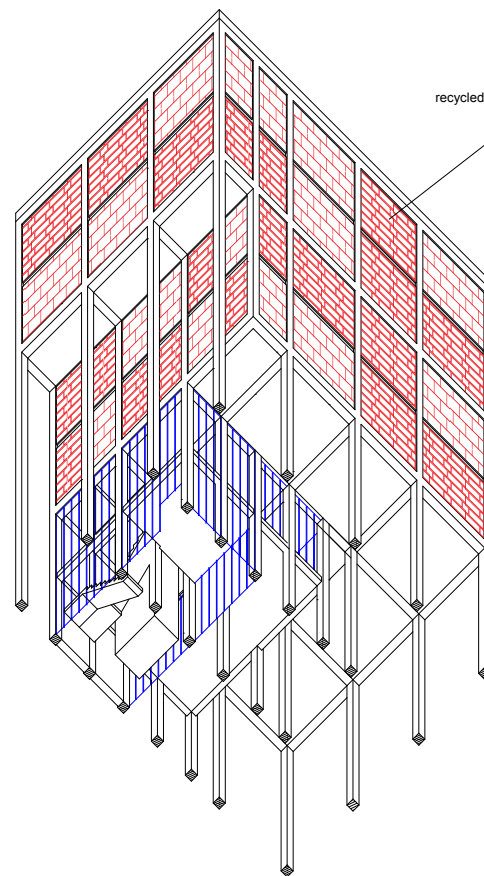




recycled clay blocks from the bakery



recycled "small format" bricks from workers' house



recycled YTONG blocks from Moritz Fuhrmann textile factory

- precast concrete element 70 mm
insulation 110 mm
clay blocks 220 mm
- recycled clay blocks 400 mm (400x250x250 mm)

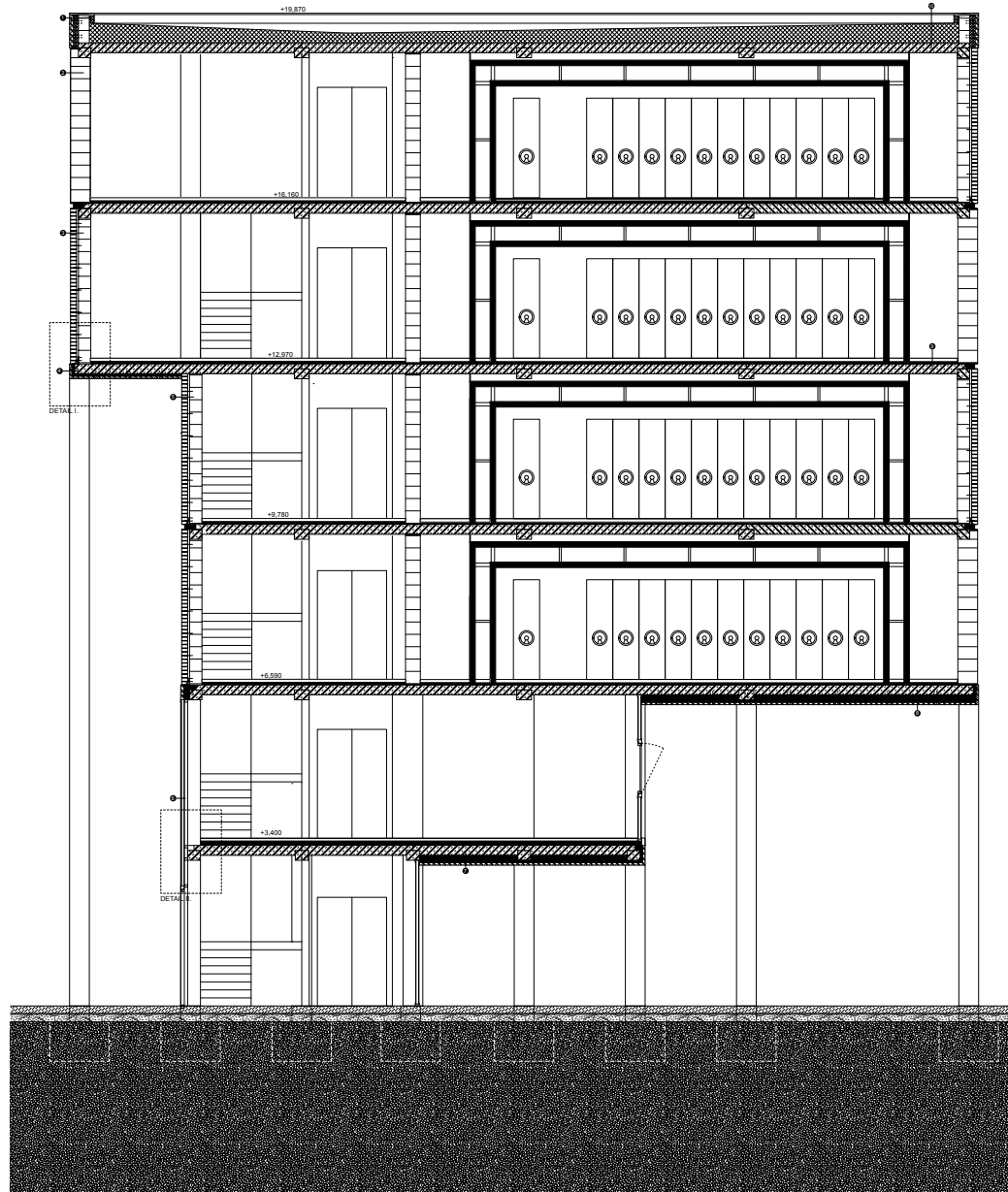
- recycled bricks 120mm ("small" format used around 1930, 290x120x65mm)
cavity 40 mm (steel anchor system)
clay blocks 250 mm (250x250x250 mm)
- precast concrete element 50 mm
insulation 50 mm
precast concrete slab 200 mm

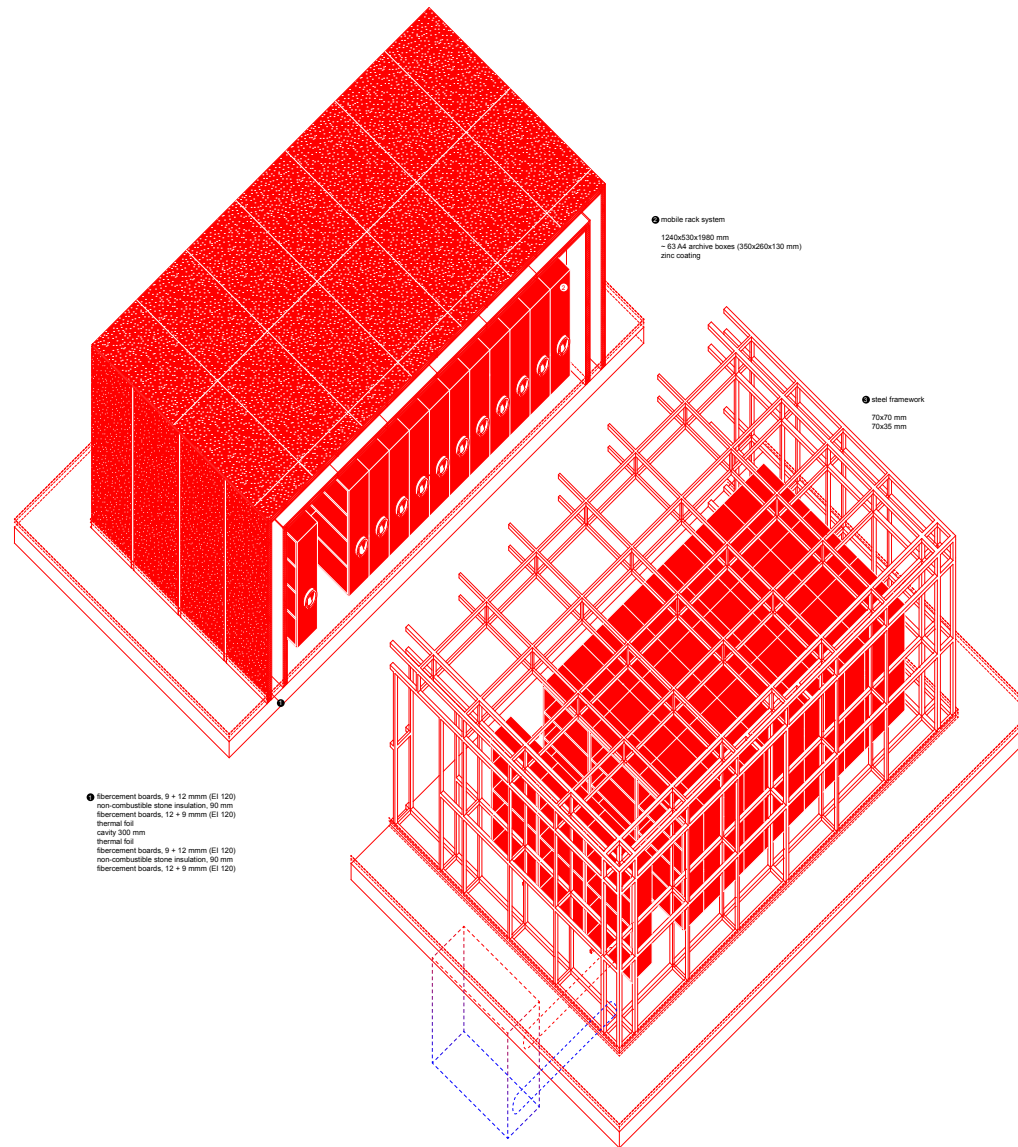
- recycled bricks 120mm ("small" format)
cavity 40 mm (steel anchor system)
recycled YTONG blocks 250 mm (250x249x599 mm)
- Profitit Clear glass 67 mm (K32/60/7, double layer)

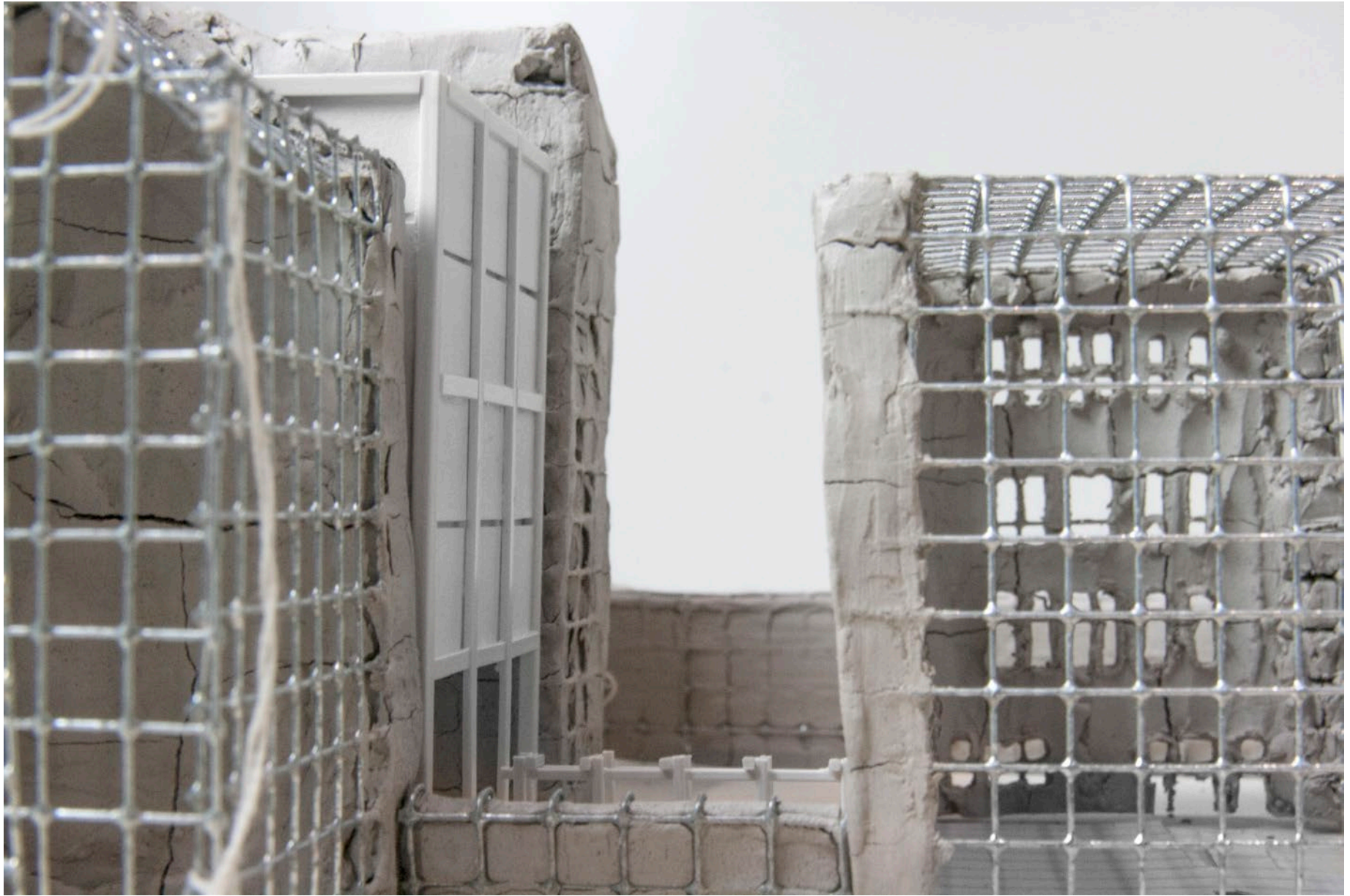
- precast concrete element 50 mm
insulation 50+100 mm
precast concrete slab 200 mm
floor insulation 90 mm
floor heating
cement screed 50 mm
cement floor finish 10mm

- precast concrete element 50 mm
insulation 50+100 mm
precast concrete slab 200 mm
floor insulation 90 mm
cement screed 50 mm
cement floor finish 10mm

- precast concrete slab 200 mm
floor insulation 90 mm
cement screed 50 mm
cement floor finish 10mm
- double layer bitumen waterproofing - 2nd layer
roof insulation min. 200 mm
waterproofing - 1st layer
precast concrete slab 200 mm







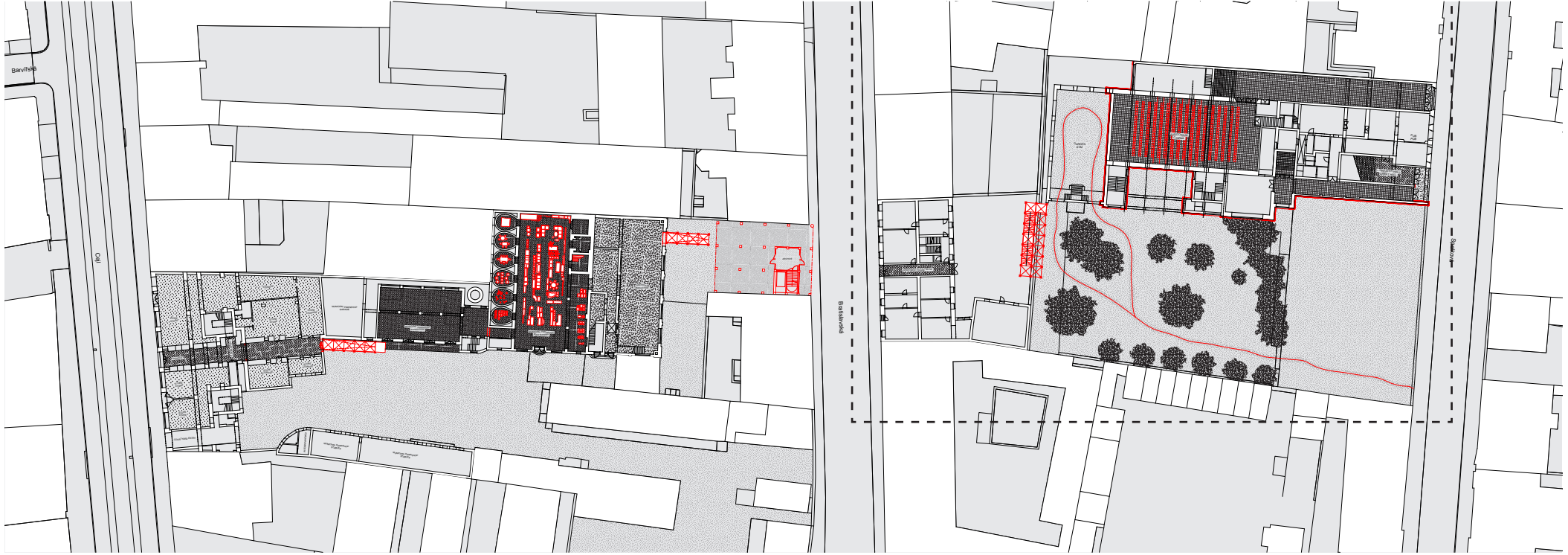
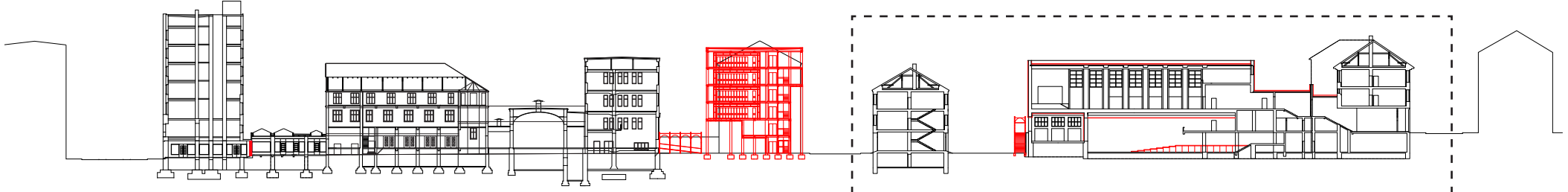




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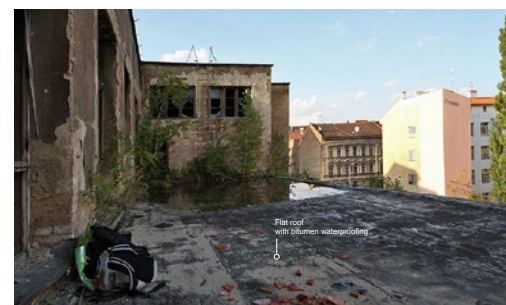
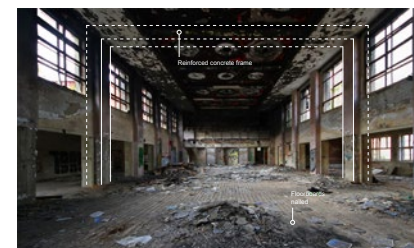
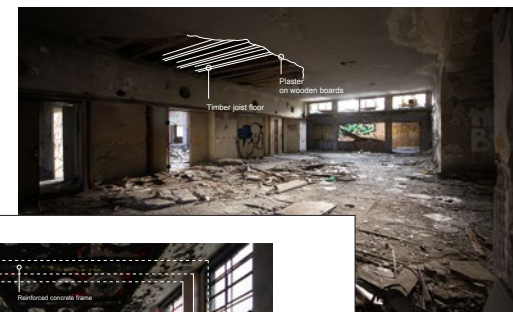
/ WORKERS' HOUSE





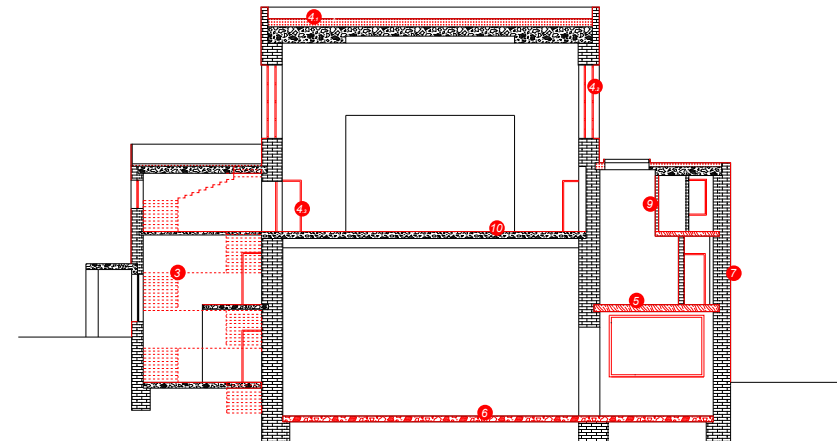
		1850s	1945	1945	1926	2011	1922	2002	1921	2002	1919	2005
		gap site		workers' house	apartment b.		expedition		production		textile factory	
Foundations	Rubble stone											
	Masonry, stepped footing											
	Tamped concrete											
	Plain concrete											
	Reinforced concrete											
	Raft foundations											
	Deep foundations											
Basement, ground floor slab	Compacted soil											
	Clay brick pavings											
	Plain concrete up to 100mm thick											
	Plain concrete											
	Reinforced concrete											
Floor slab over basement	Masonry vaulting											
	Jack arch floor											
	In situ concrete slab											
External walls in contact with the ground	Heavyweight masonry											
	Tamped concrete											
	Reinforced masonry, concrete-filled blocks											
	Plain concrete, formwork to one side											
Waterproofing in the ground	Simple vertical waterproofing											
	Secure vertical waterproofing											
	Secure horizontal waterproofing											
	Secure tanking in ground water											
Loadbearing walls	Masonry, solid masonry units											
	Masonry, hollow and lightweight masonry units											
	Concrete - filled blocks											
	Reinforced concrete											
Vertical frame	Timber construction											
	Cast iron											
	Steel, riveted											
	Steel, welded and bolted											
	Reinforced concrete with haunches											
	Reinforced concrete											
	Precast concrete elements											
Suspended floors	Timber joist floor											
	Steel beams with infill elements, jack arch floors											
	Precast concrete elements with infill elements											
	Reinforced concrete											
External walls	Single-leaf											
	Cavity wall (unventilated)											
	Double-leaf with cavity insulation											
	Full thermal insulation											
Roof covering	Pitched roof, bullnose tiles (bobrovky)											
	Pitched roof, interlocking clay tiles											
	Flat roof without insulation											
	Flat roof with insulation											
Windows, facade	Coupled windows											
	Secondary glazing											
	Single windows											
	Single windows, double glazed											
	Curtain wall facades											
Non-loadbearing walls	Masonry, solid masonry units											
	Masonry, hollow and lightweight masonry units											
	Lightweight partitions, fabricated on site											
	Lightweight partitions, partly prefabricated											
Floor finishes to suspended floors	Floorboards, nailed											
	Subfloors with finished wearing surface (terrazzo)											
	Unbonded subfloors											
Ceilings	Floating subfloors											
	Plaster on background (Rabitz type)											
	Plaster on wood-wool lightweight boards											
Insulation	Plaster on solid suspended floor											
	Suspended ceiling, partly prefabricated											
	Natural materials (peat, cork,...)											
	Wood-wool lightweight boards											
Chimneys, heating	Man-made vitreous fibres (mineral wool)											
	Foamed plastics											
	Masonry chimneys											
	Masonry chimneys with flue pipes											
	Special flue bricks											
	Individual stoves											
	Central heating											

construction elements' lifetime analysis



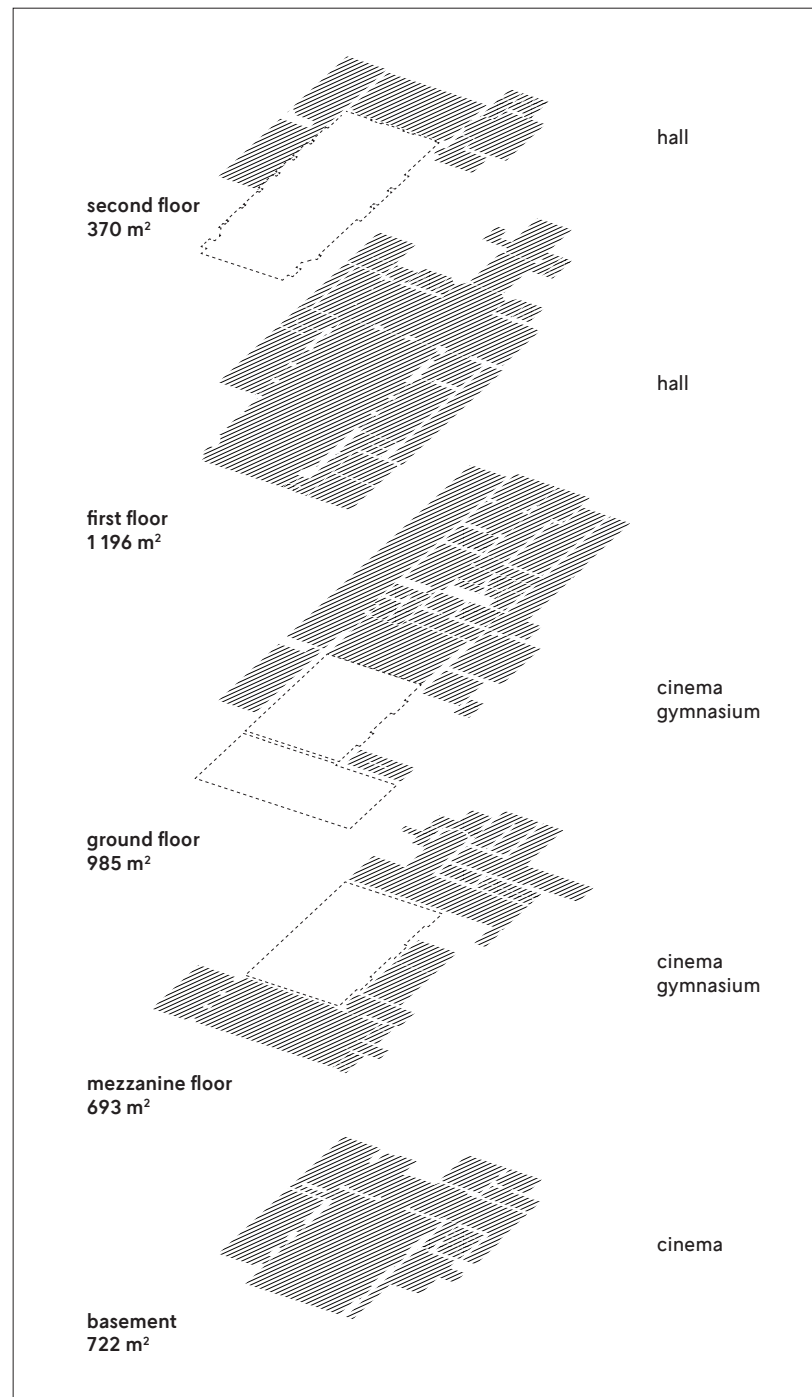
ACTION PLAN FOR WORKERS' HOUSE RECLAIMING THE RUIN

- first months
1. clean up
 - sort out the debris and other trash
 - clear shrubs preventing access
 - remove any unsafe construction relics
 2. inspect presence of hazardous materials
 3. secure vertical communications
 4. make the building shell watertight
 - 4.1 roof
 - a. sweep the roof and remove any debris, dirt or vegetation
 - b. add additional insulation on top of the existing waterproofing and cover with optional waterproofing
 - 10mm plaster
 - 250mm reinforced concrete
 - 70mm levelling layer
 - existing bitumen waterproofing
 - 200mm insulation
 - new waterproofing
 - x. alternative option is removing all roof finishes and new roof finishes are laid as a construction of a new roof
 - 10mm plaster
 - 250mm reinforced concrete
 - 70mm new levelling layer
 - 200mm insulation
 - waterproofing
 - 4.2 windows
 - a. clean and remove broken sheets of glass in window frames
 - b. glaze usable window frames
 - c. paint old remaining frames
 - d. unusable window frames need to be replaced with new ones
 - 4.3 doors
 - a. restore as much existing doors as possible
 - b. consider revoking unused openings and bricking them up
 - c. mount new doors if needed from security or acoustic reasons
 5. suspended floors
 - /timber joist floors
 - a. rotten timber joist ends should be replaced with new timber of the same dimensions and connected with toothed-plate connectors and dowels
 - b. for completely dilapidated floor constructions new needs to be attached
 - /concrete floors
 - a. upgrade loadbearing capacity
 - b. cover exposed reinforcements
 - c. upgrade acoustic performance
 6. damp-proofing the basement
 - a. basement floor slab needs to be removed
 - b. new slab from impermeable concrete at least 250mm thick (full watertight seal between masonry and new floor slab could not be guaranteed)
 - c. vertical waterproofing around an existing basement from bitumen and the covered by impermeable insulation
 - d. if possible installation of a damp-proof course (dpc)
 7. improve external walls
 - a. patch exposed brickwork
 - b. undercoat of render needs to be same as the original, otherwise cracks will occur
 - c. if desired thermal performance could be upgraded and a complete new render has to be applied
 8. vertical reinforced concrete frames
 - a. all exposed reinforcing bars with heavy corrosion need to be cleaned
 - b. increase the concrete cover on the surface
 - c. if necessary upgrade fire protection
 9. non-loadbearing walls
 - a. refurbish plaster
 - b. upgrade acoustic performance
 10. floor finishes
 - a. refurbish wooden or stone finishes
 - b. install sound insulation
- first year
- end of the first year
- upcoming years

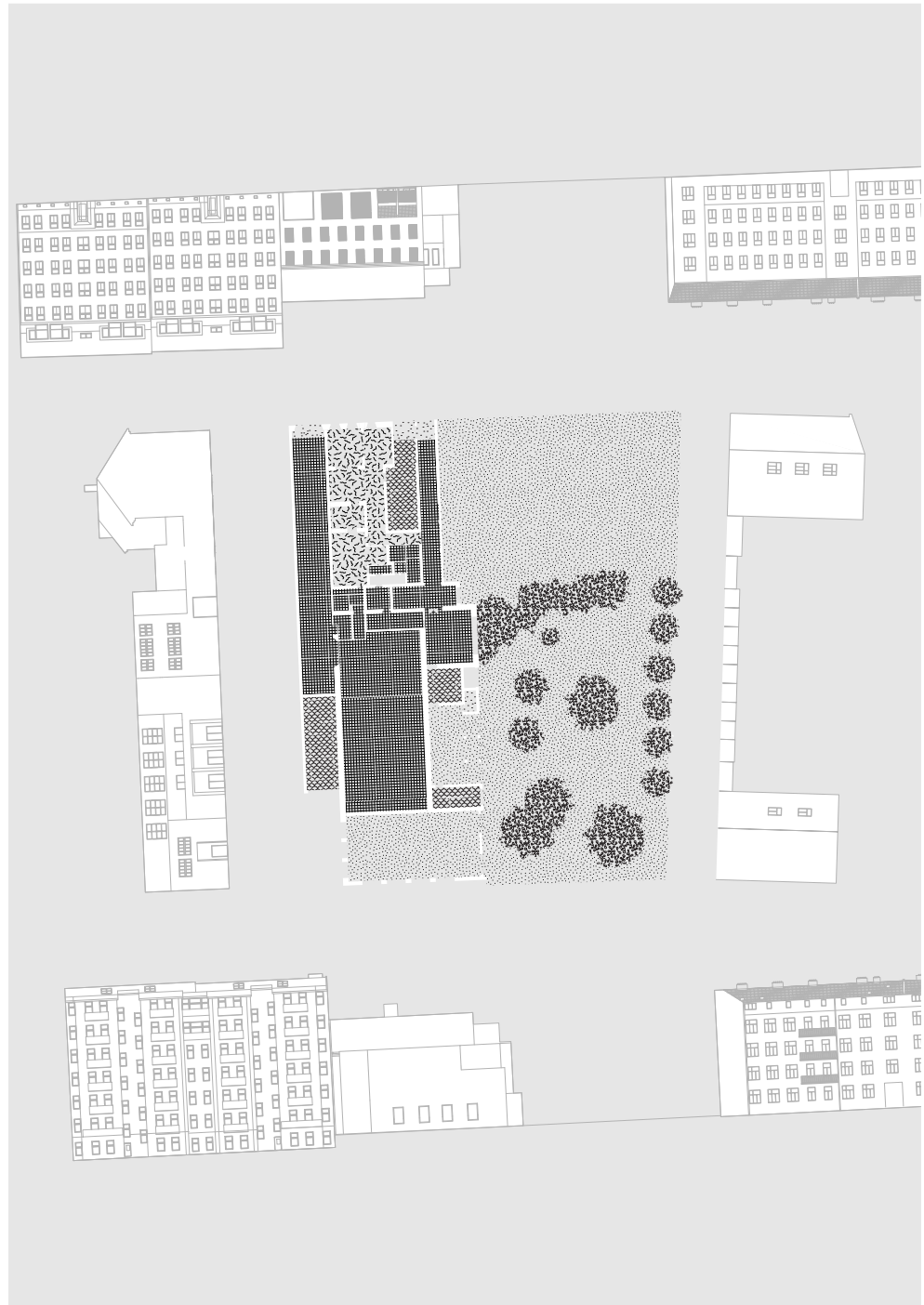




original groundfloor plan of the Workers' House, 1930



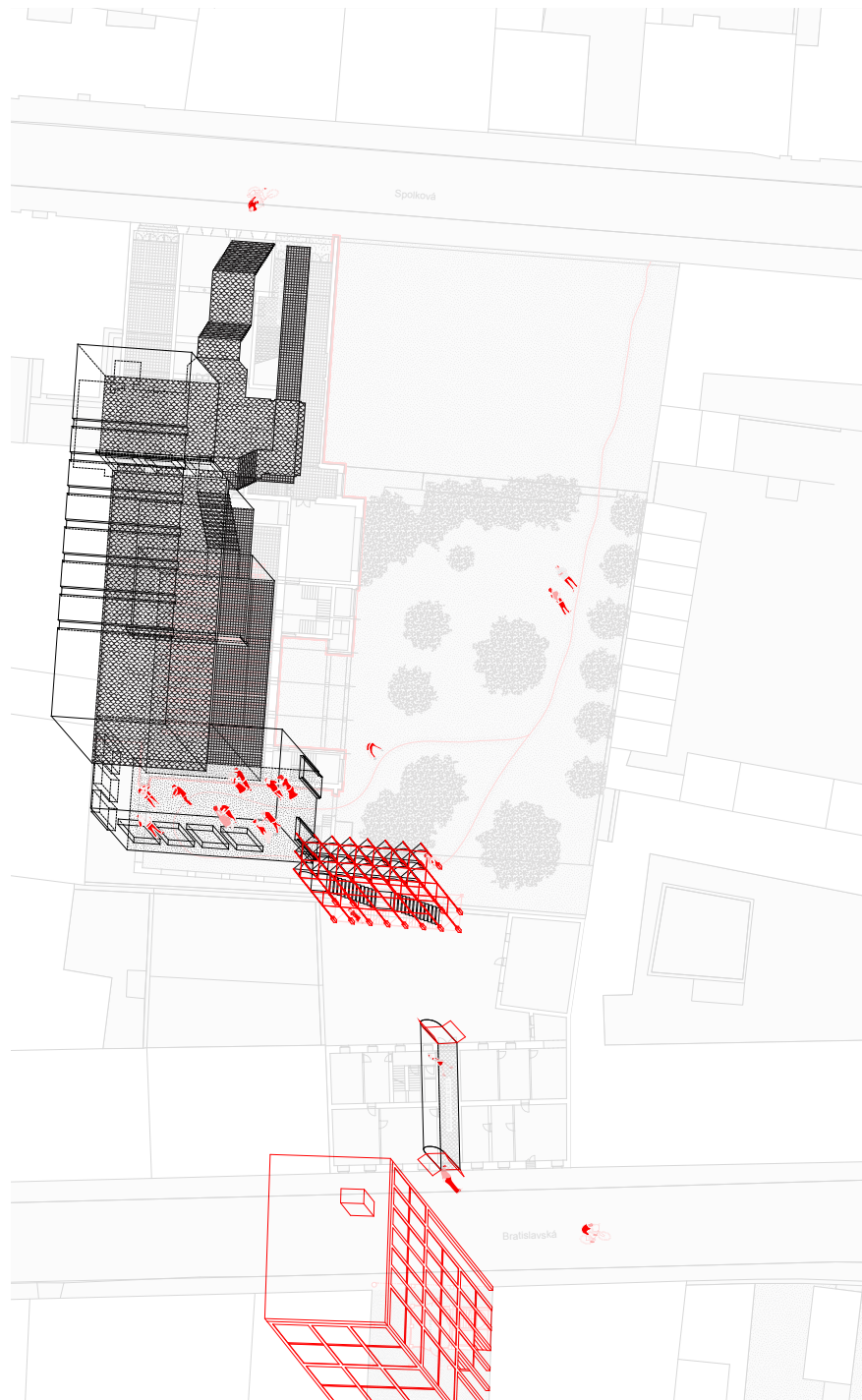
functional scheme



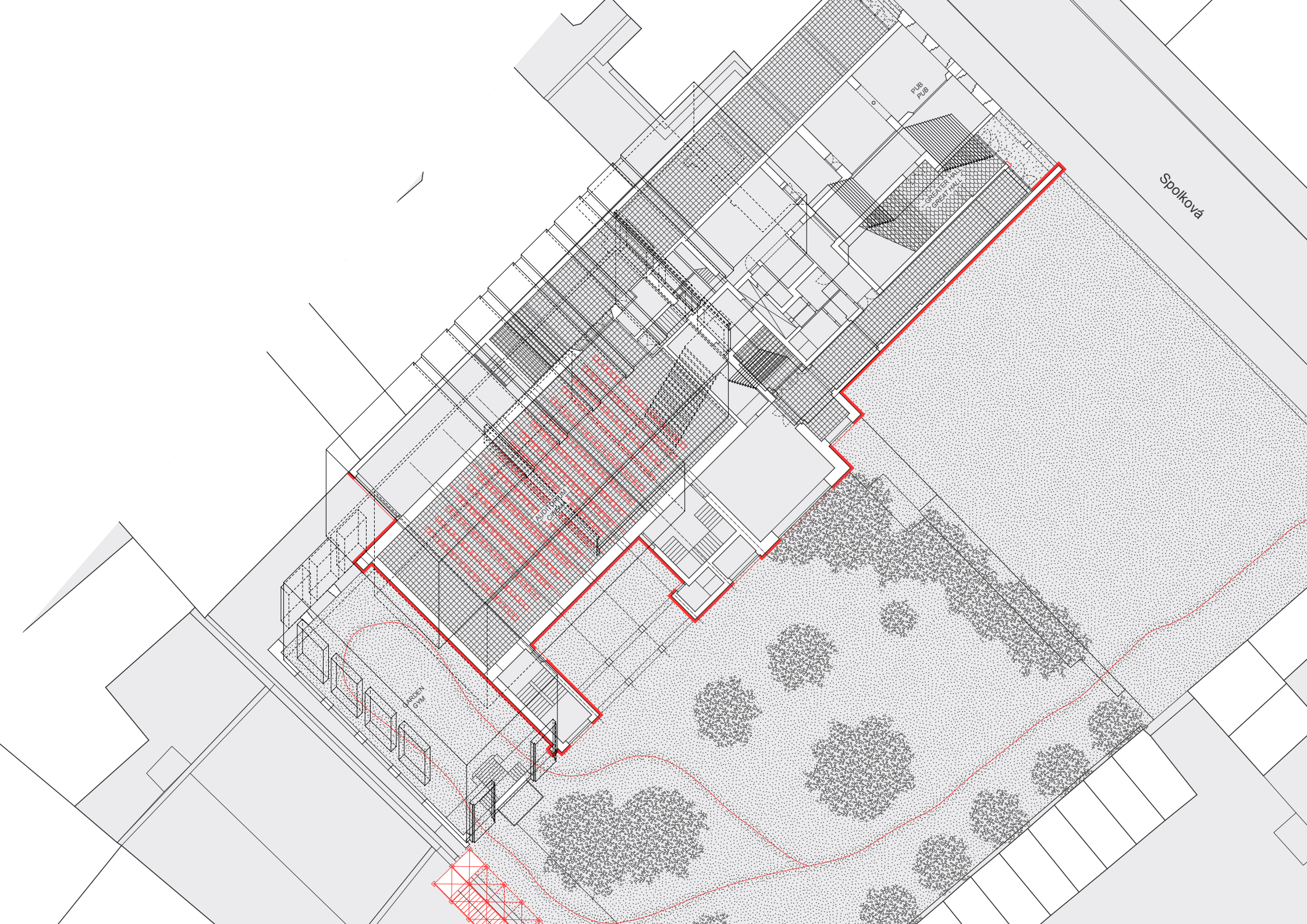
current state, 2018



proposal, ground floor



proposal, ground floor





interior garden



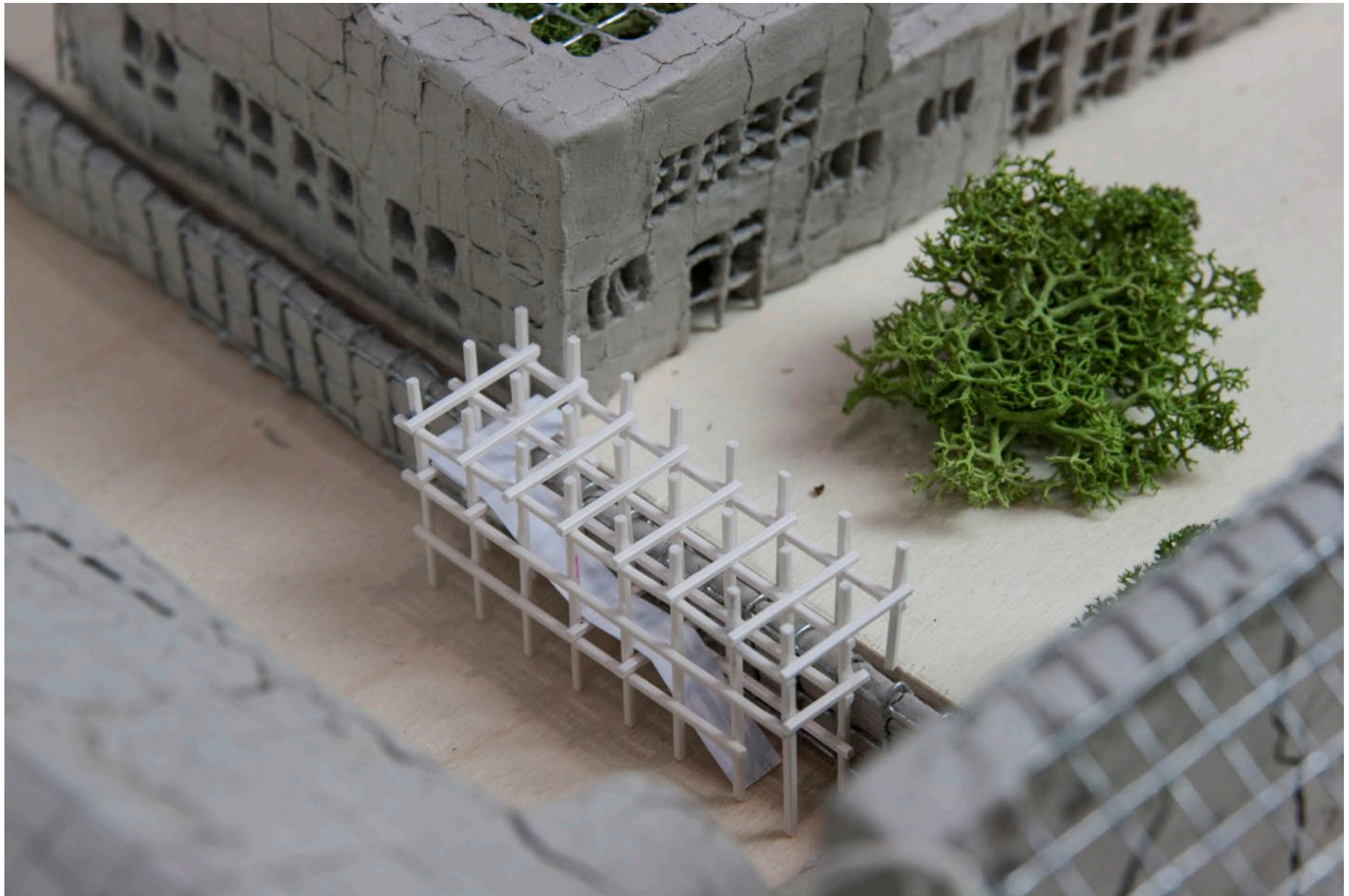
stairs





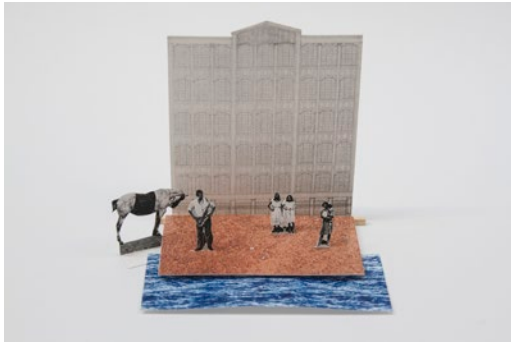






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/ TEXTILE FACTORY





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	Special flue bricks											
	Individual stoves											
	Central heating											

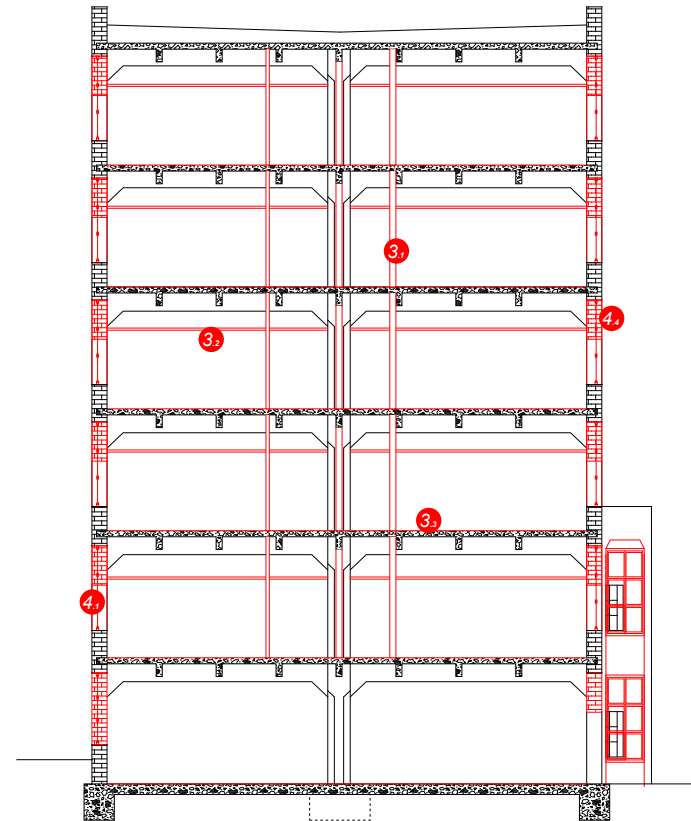
construction elements' lifetime analysis

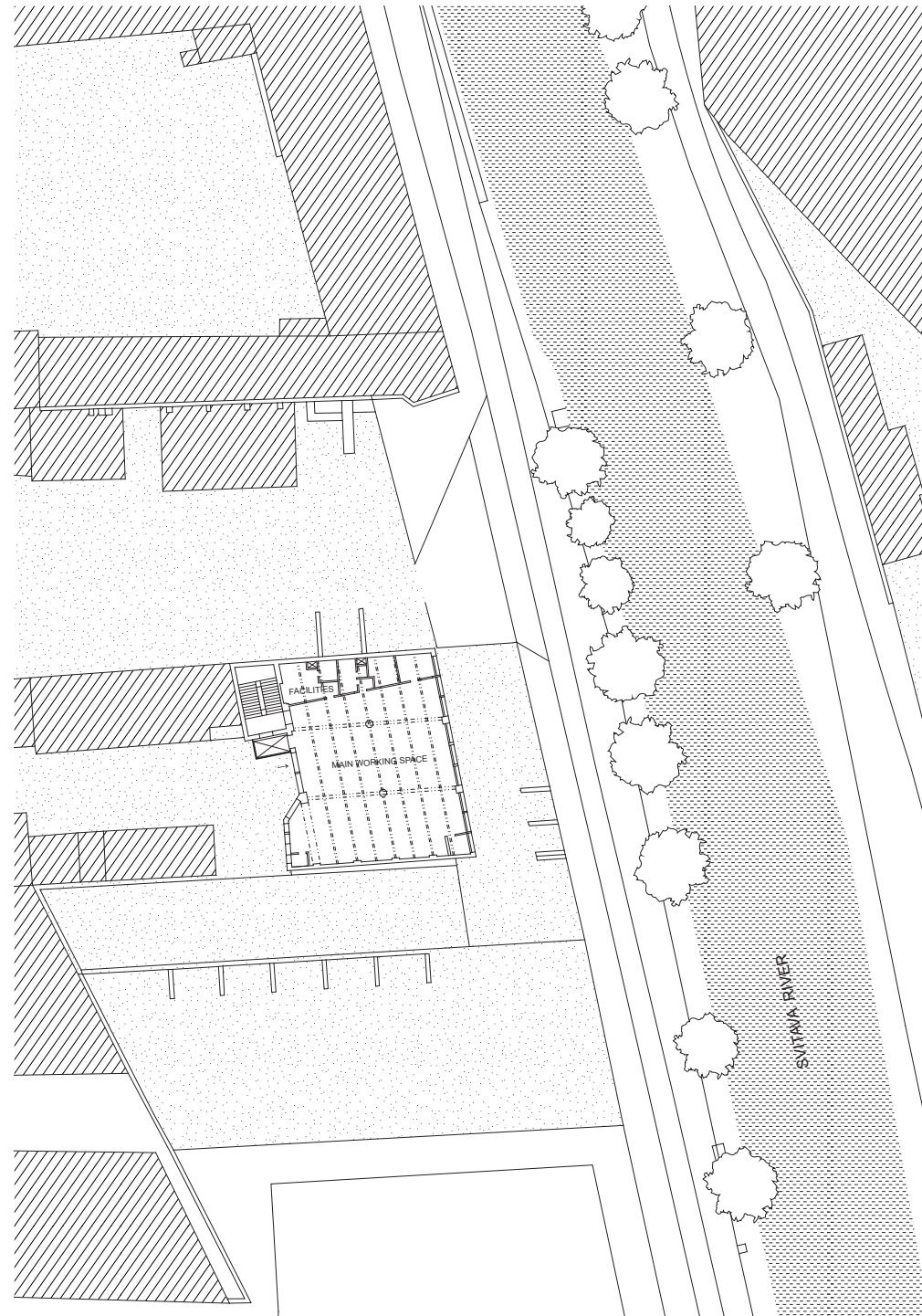


ACTION PLAN FOR TEXTILE FACTORY
REAPPROPRIATE MISUSED CONVERSION

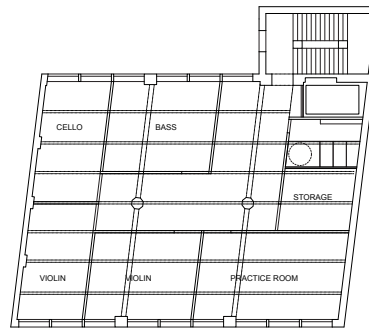
- first weeks
1. clean up
 2. inspect presence of hazardous materials
 3. clearance of new building layers (from renovation in 2005)
 - 3.1 partition walls* (plasterboard)
 - 3.2 suspended ceilings* (plasterboard)
 - 3.3 floor coverings* (laminated floating floor)
 - 3.4 sanitary appliances*
 4. restoration of external walls
 - 4.1 removing new windows* (reusing them as interior elements)
 - 4.2 inserting windows of original dimension
 - 4.3 replacing XPS insulation* for more long-lasting one
 - 4.4 restoring original plasters with right colouring
 5. take apart brick wall* next to to the riverfront
- first months

*all removed materials will be stored and reused if possible

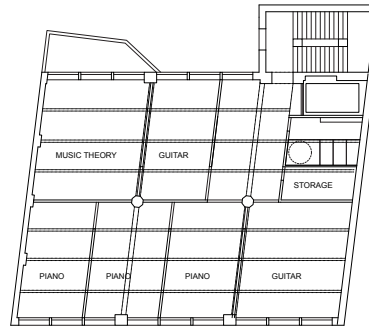




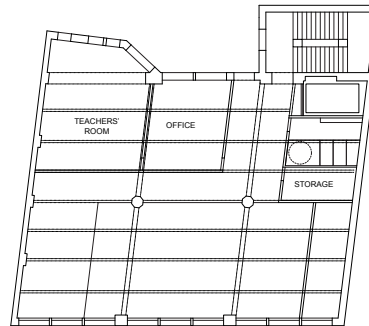
original layout before the renovation in 2005



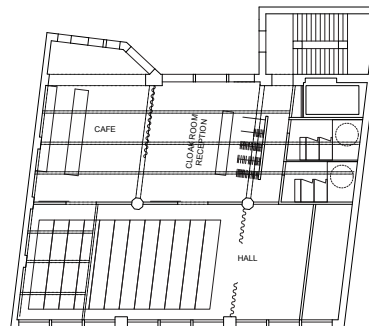
3F + 5F



2F + 4F

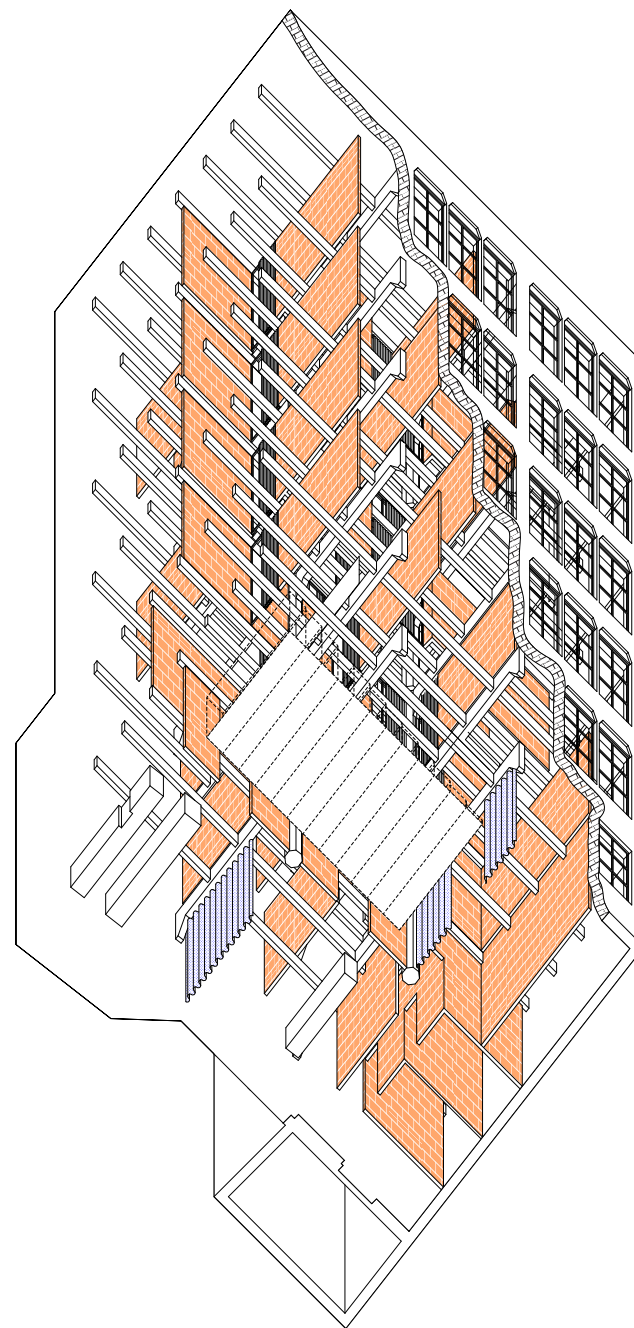
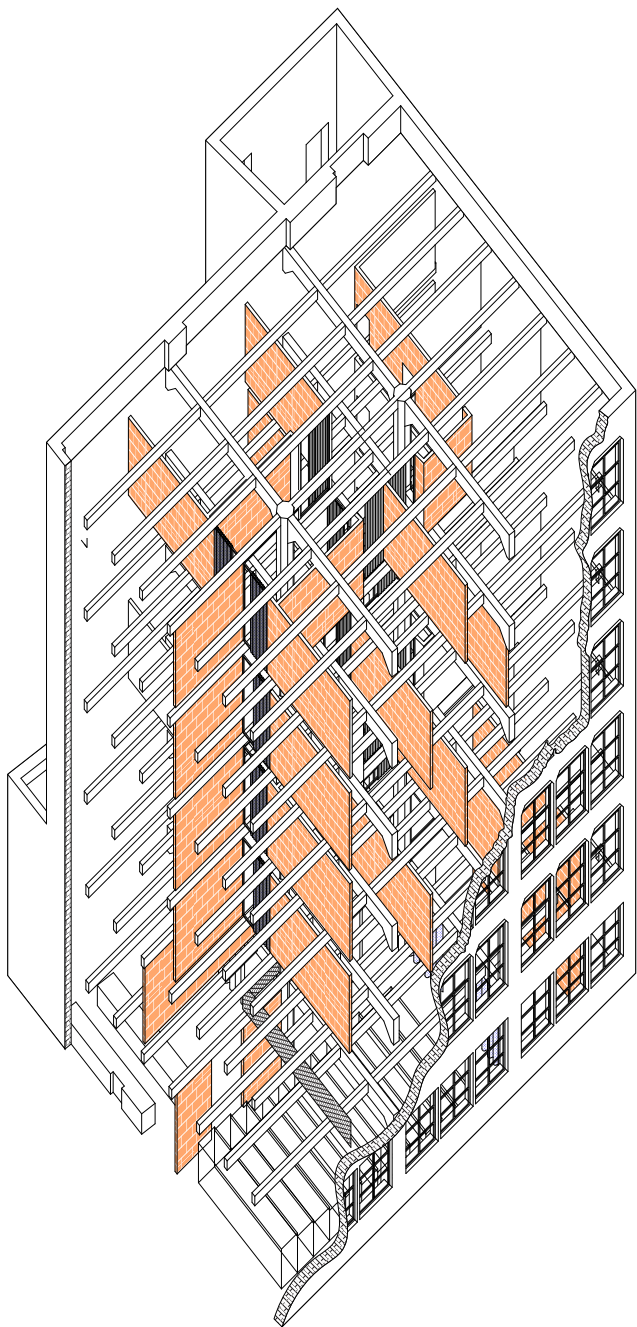


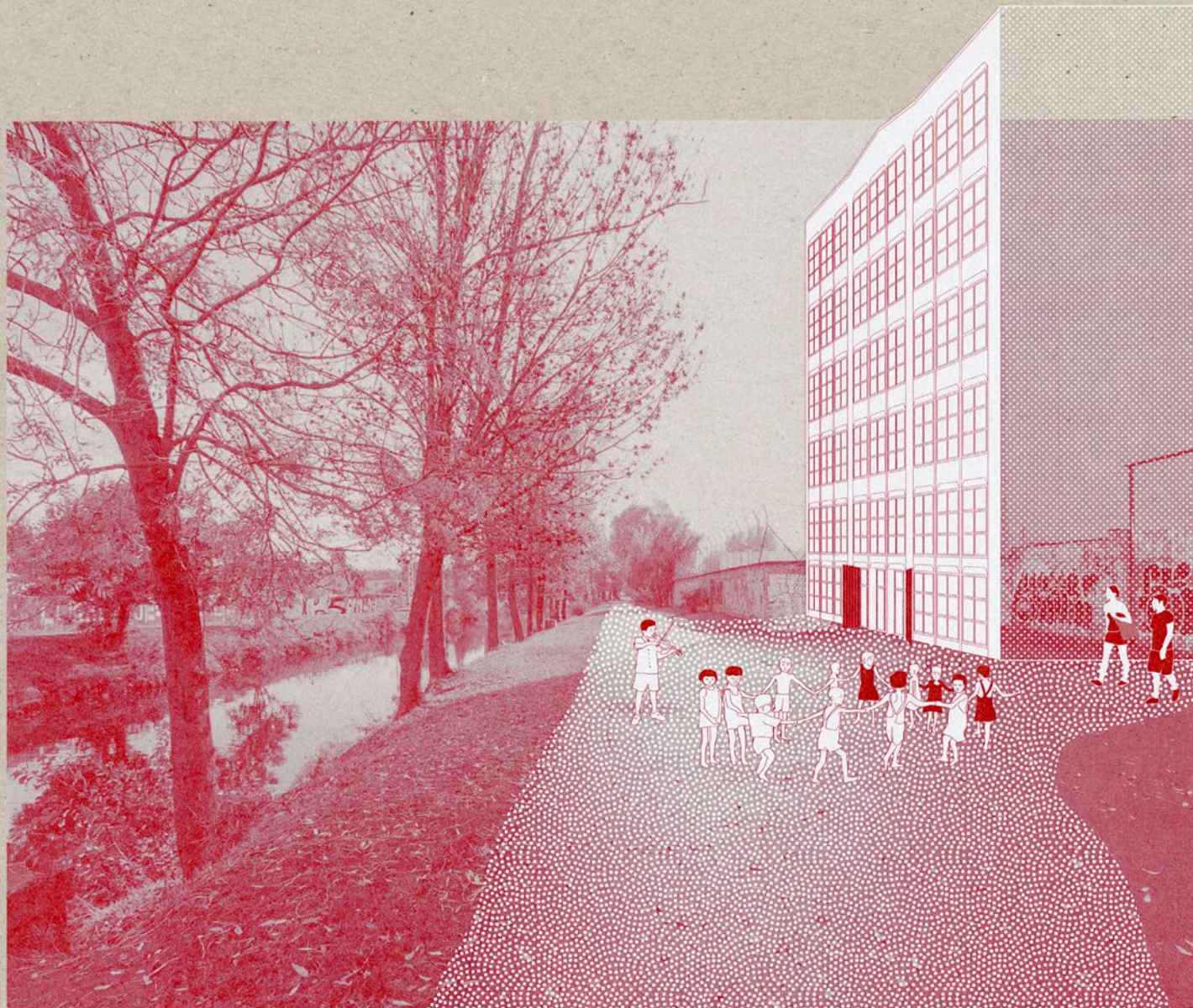
FIRST FLOOR



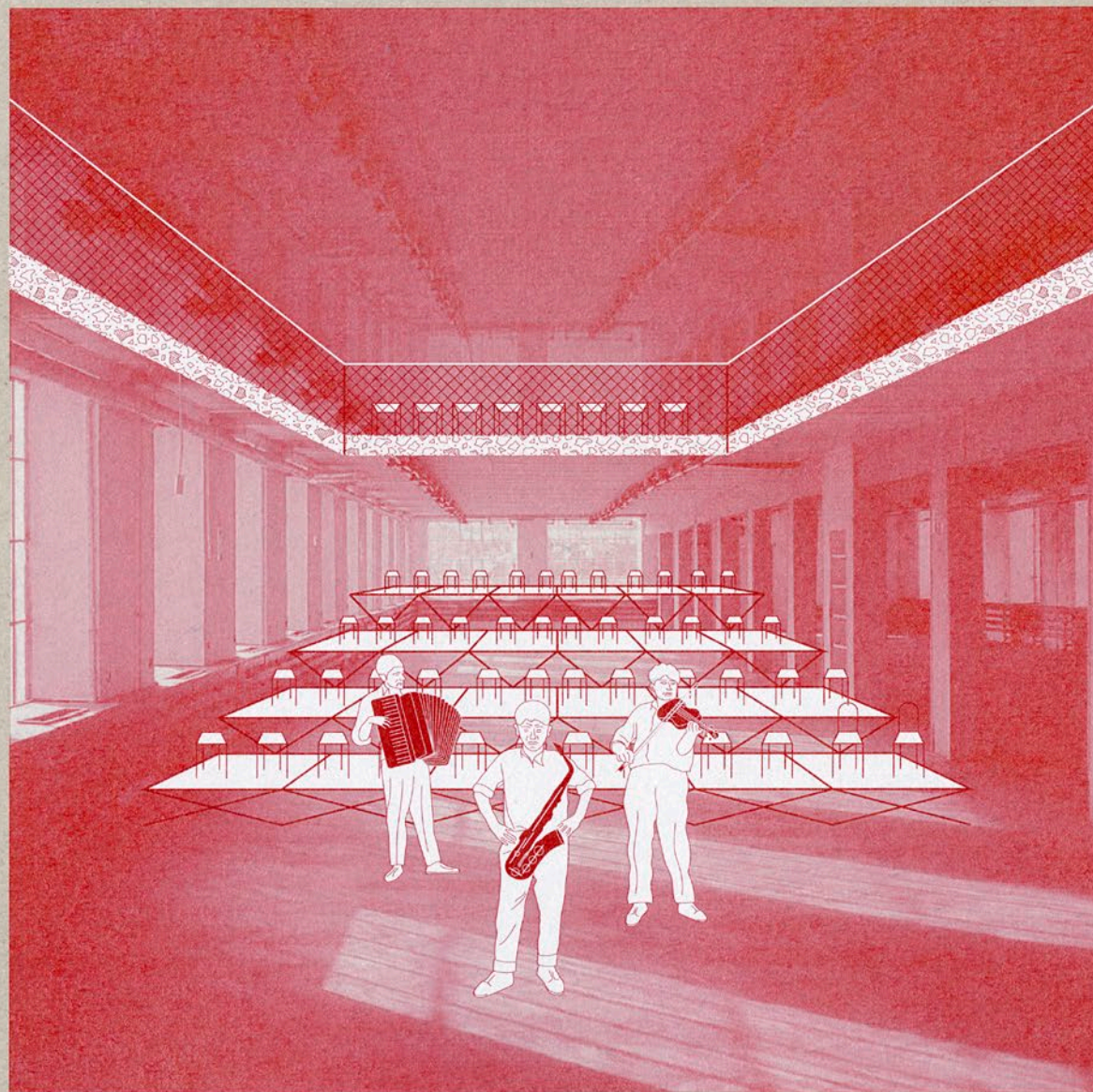
GROUND FLOOR

proposal





river bank



auditorium







