Guido Moretti
Donata Bori

La casa di Hatra

Uso delle risorse ambientali e climatiche nella tradizione abitativa mediterranea



Edizioni Tipoarte - Bologna

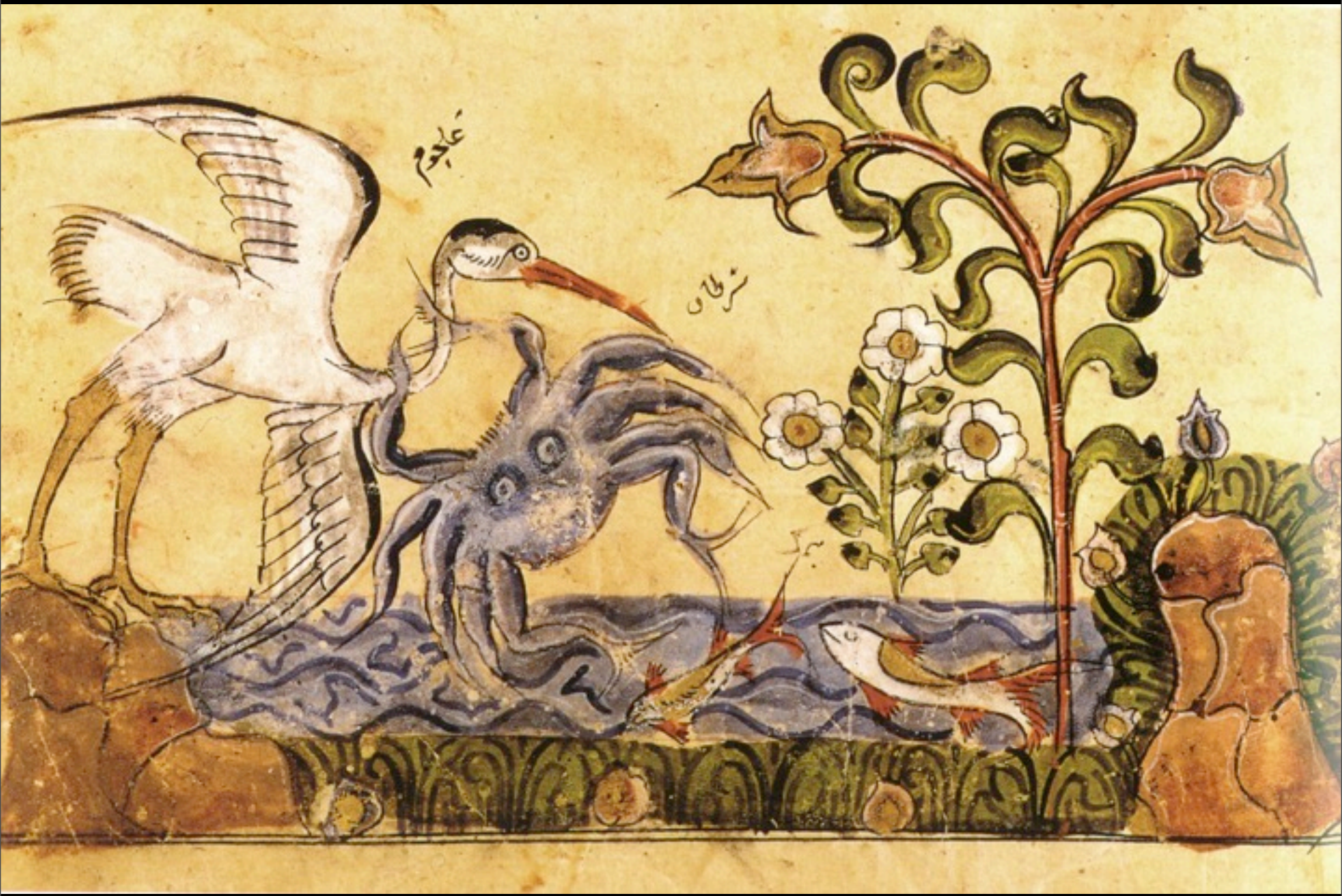


Ah! doloroso deserto,
ti ho appassionatamente amato

A. Gide


MARE
ATLANTICVM
BARBARIA
MARI MEDITERRANEVM
MARMARICA
AFRICÆ PARS

Mediterraneo
inteso nella sua estensione più ampia che riguarda,
oltre le aree direttamente lambite dal mare,
anche ambienti che si spingono notevolmente
all'interno delle zone costiere,
nei quali riconosciamo le matrici costitutive
del suo habitat


غلجوم
سرطان




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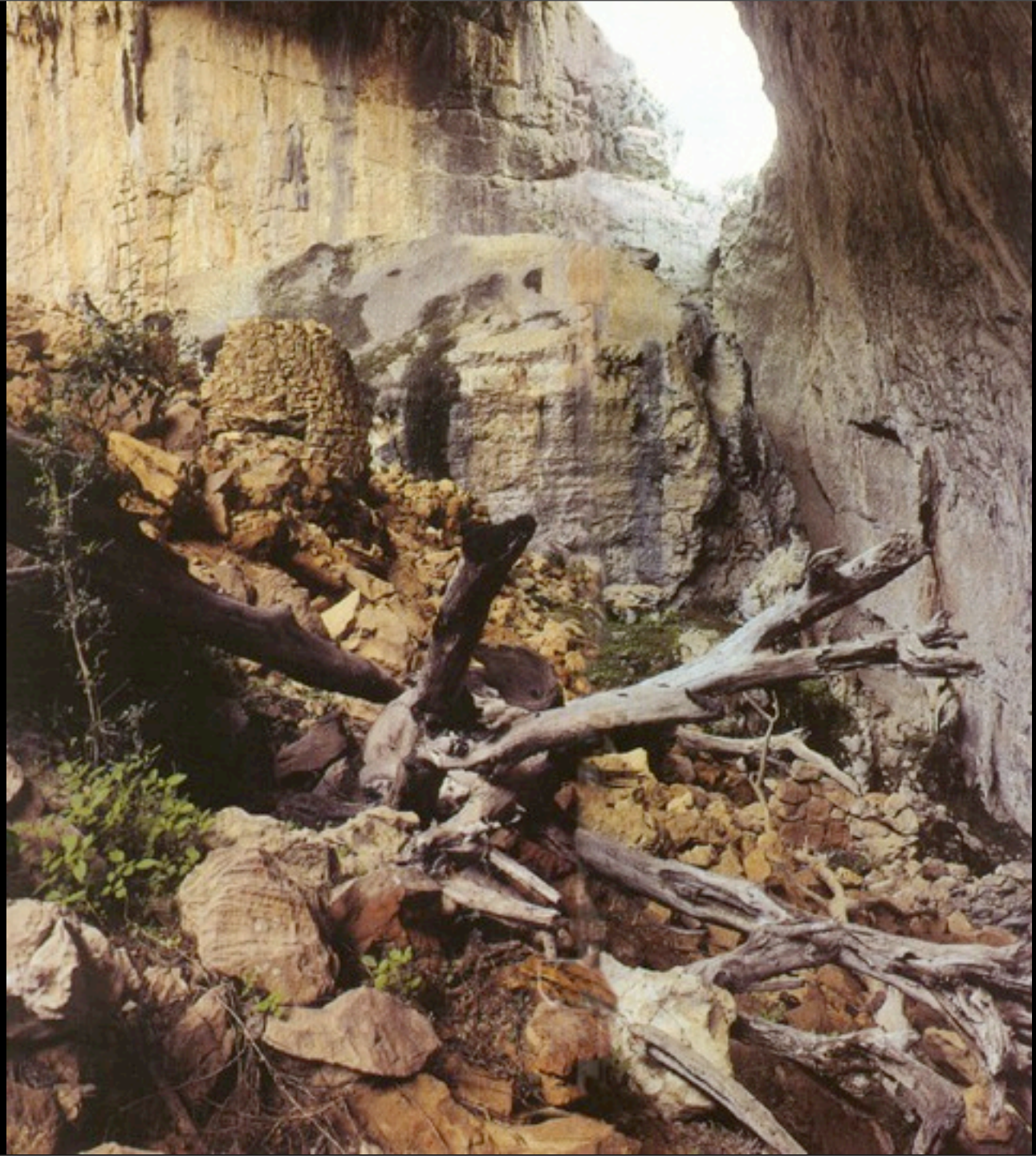






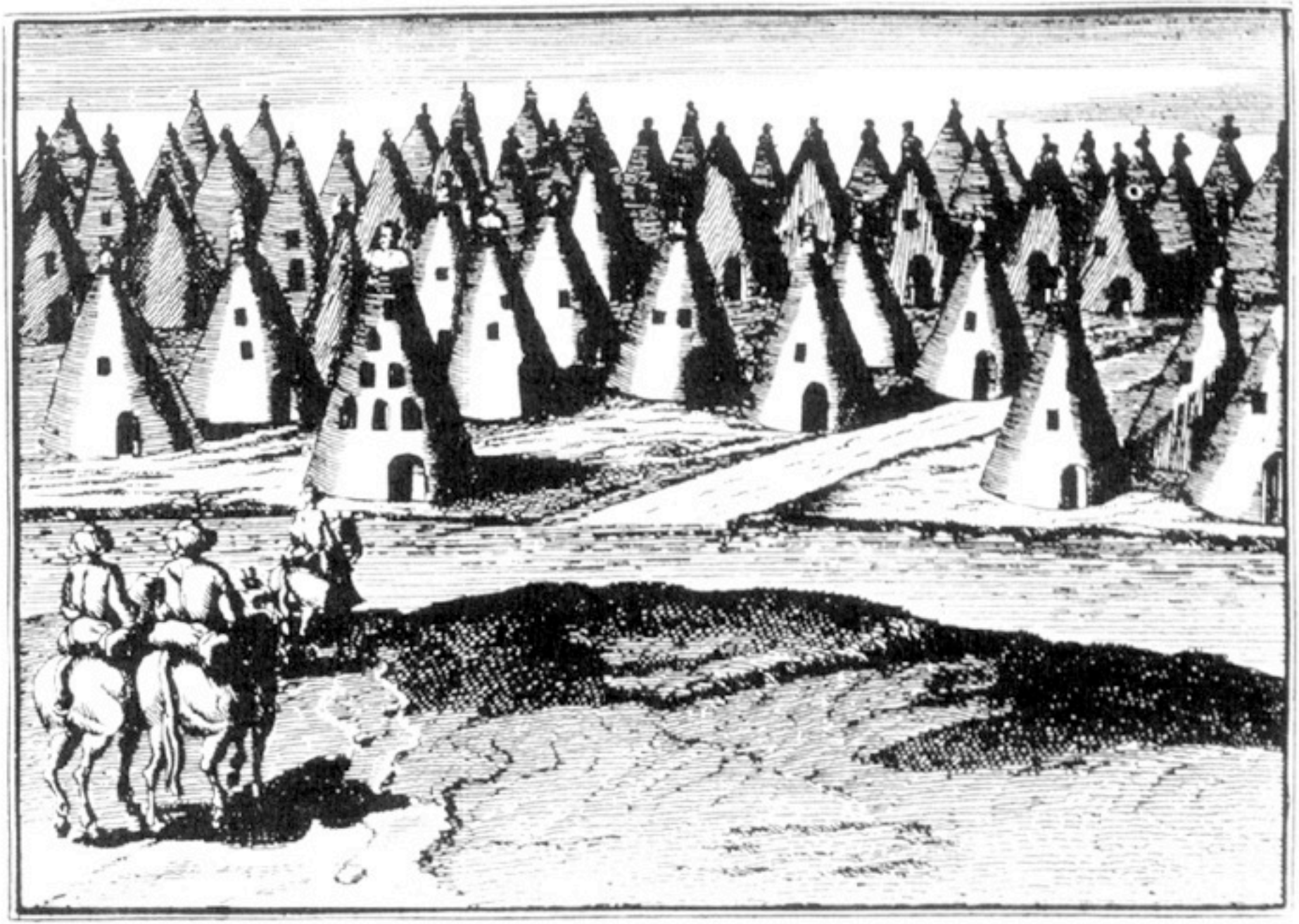


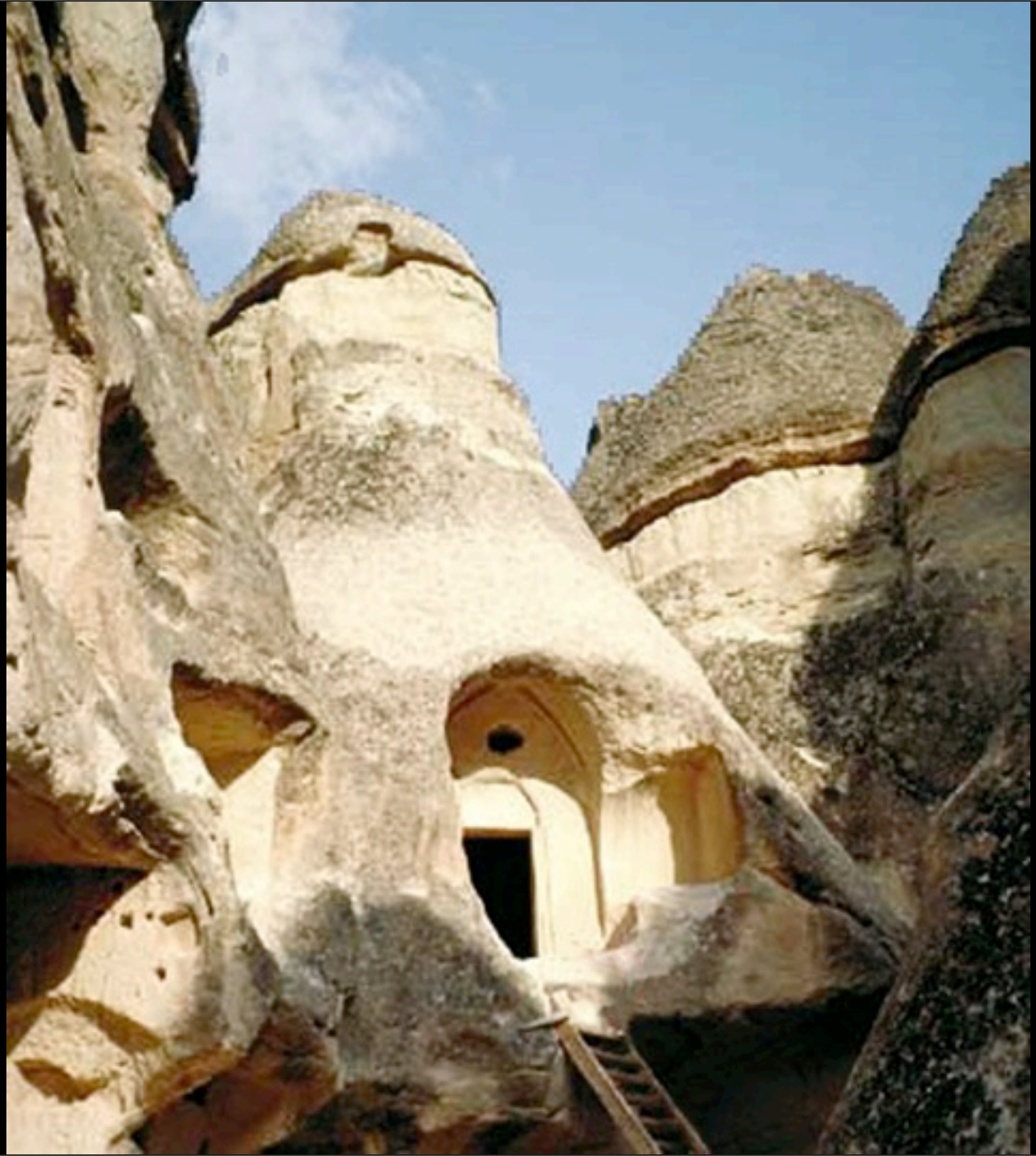


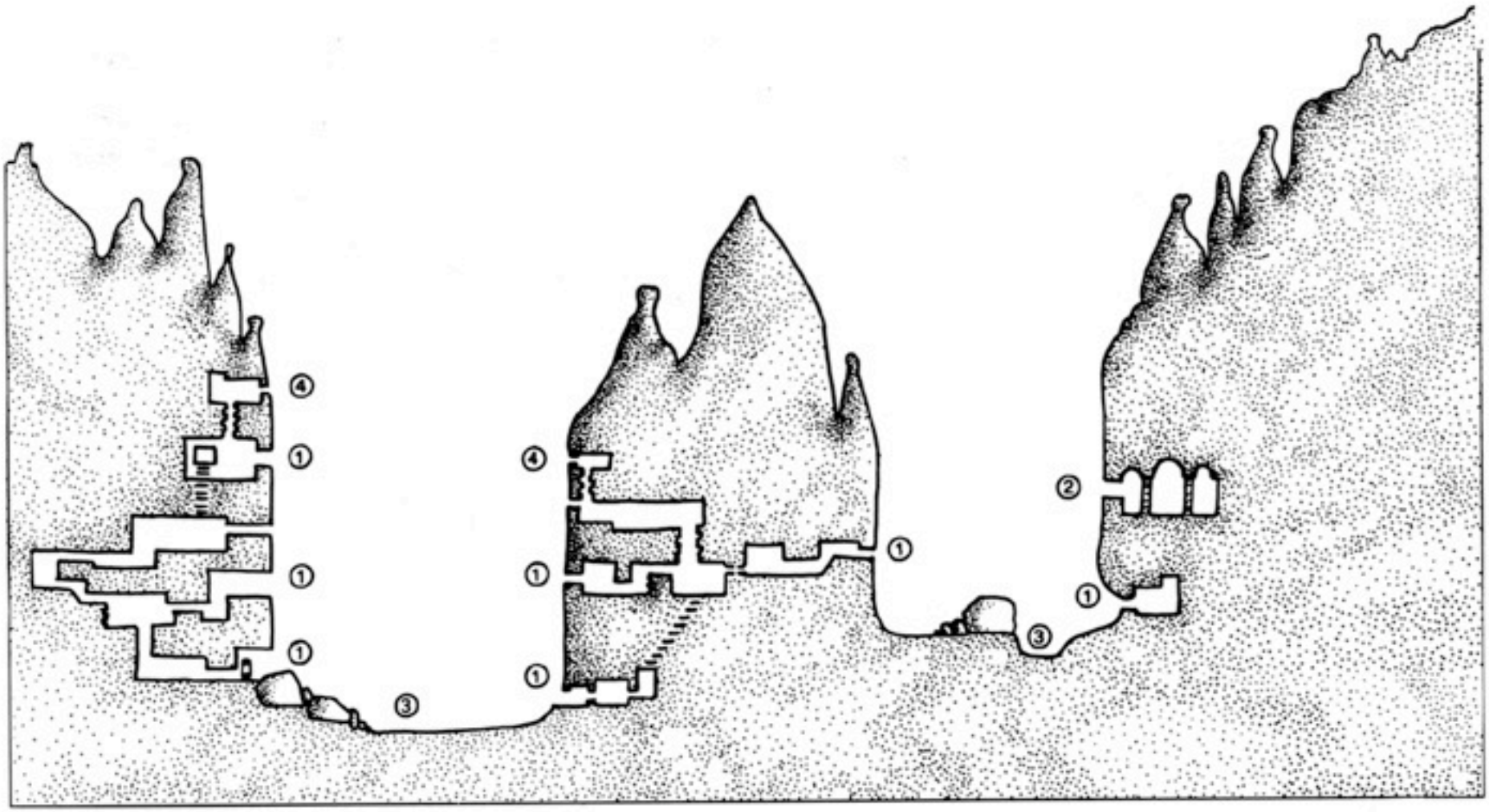











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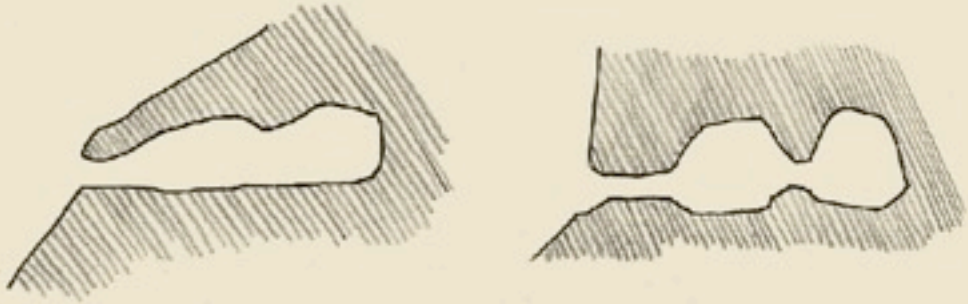




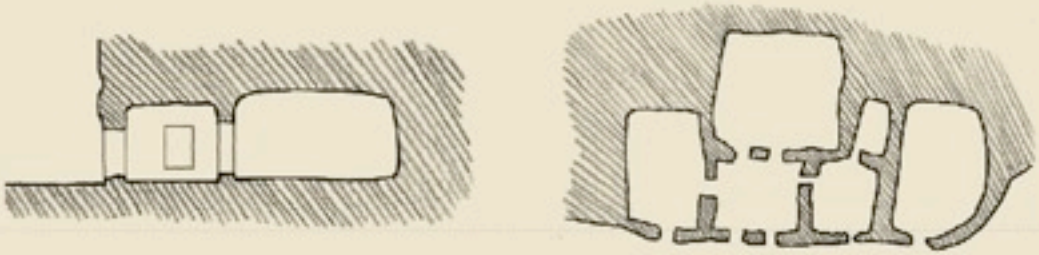


Tipologie di Insediamenti Troglodìti

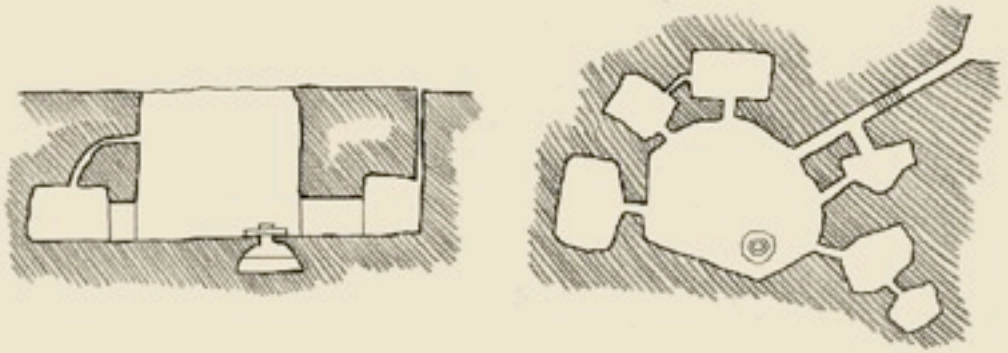
1 - Cavità Naturali



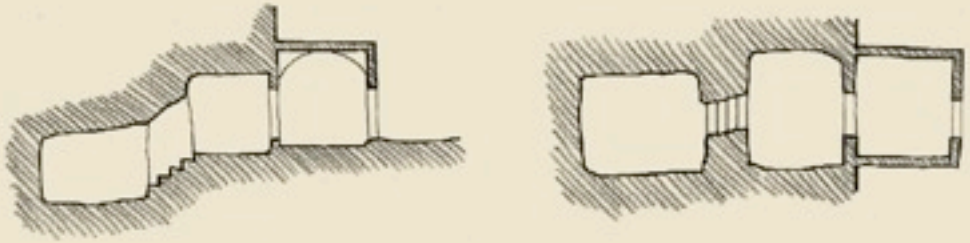
2 - Strutture Rupestri



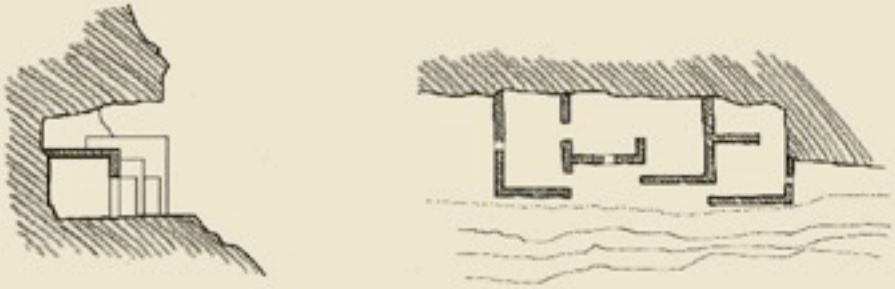
3 - Strutture Ipogee



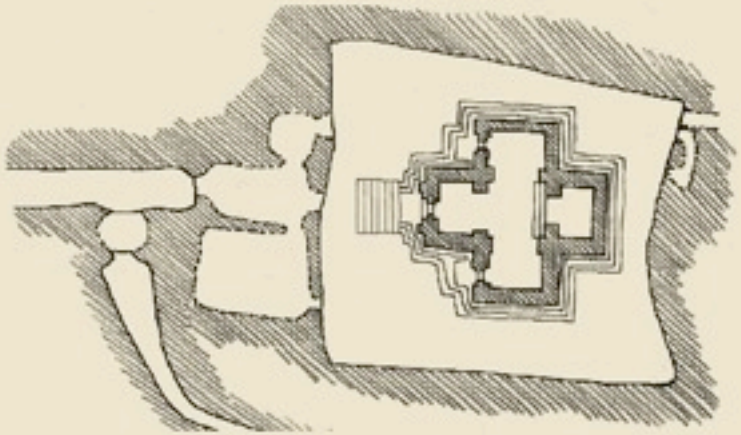
4 - Strutture Miste



5 - Strutture Addossate



6 - Strutture Intagliate













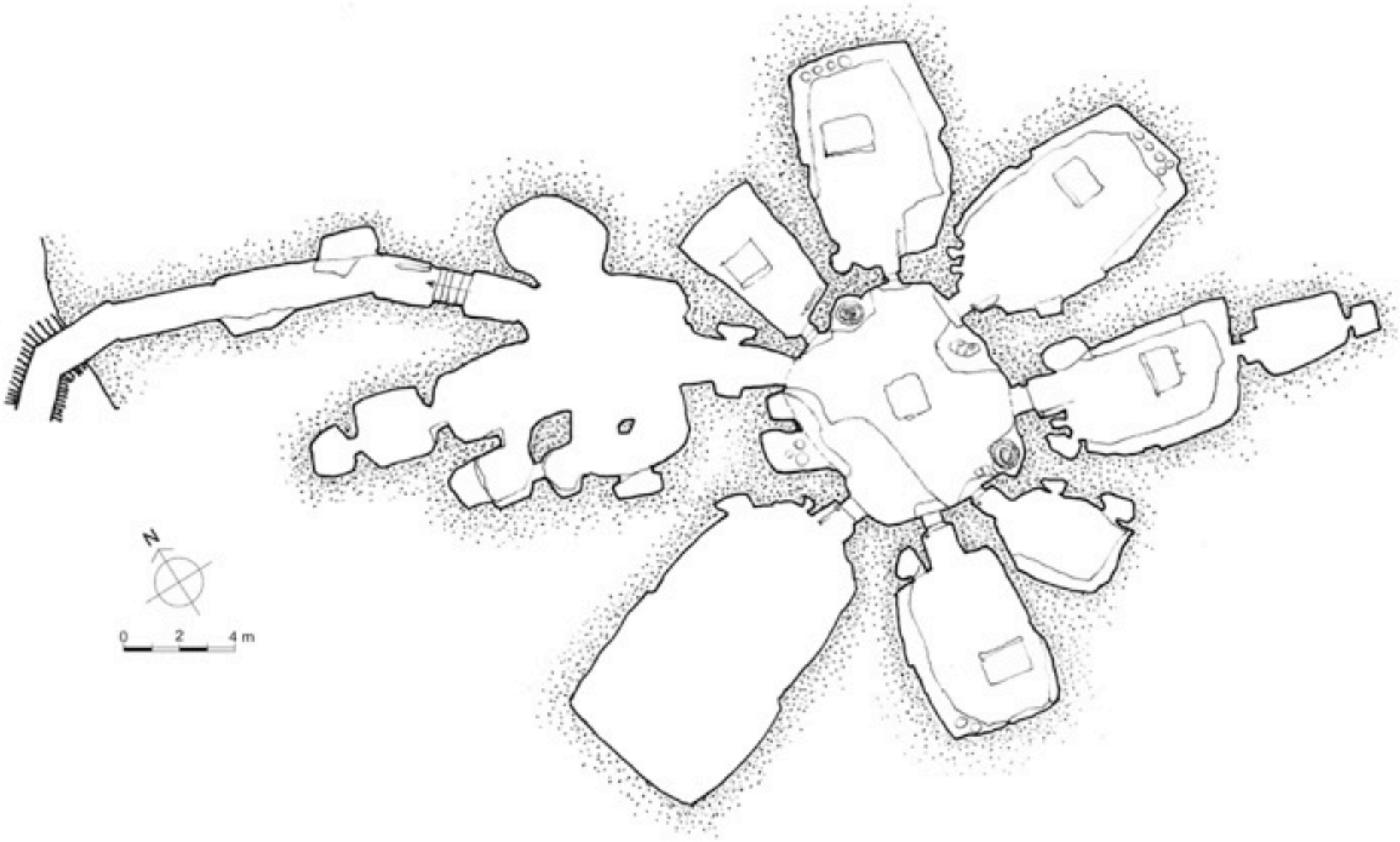


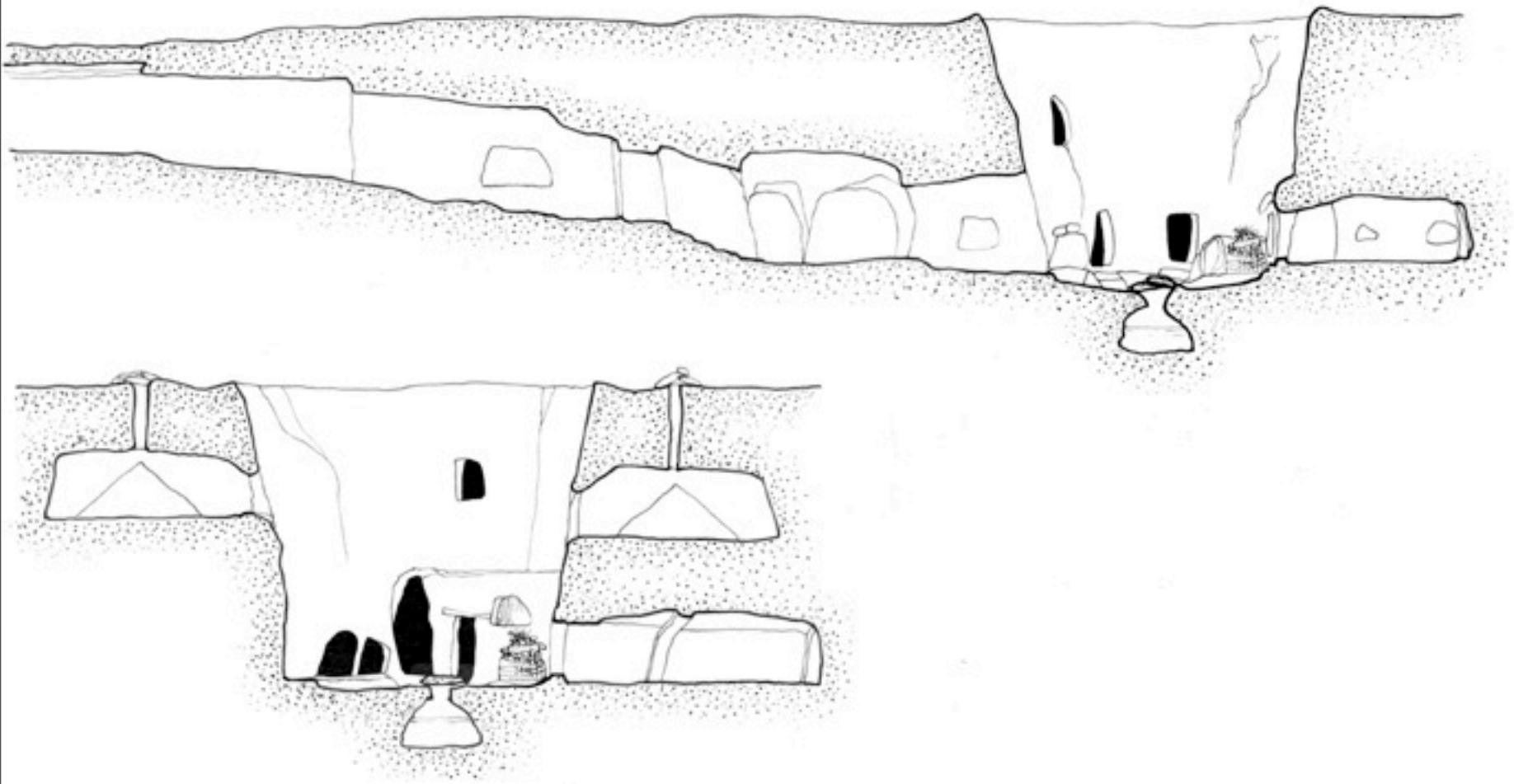




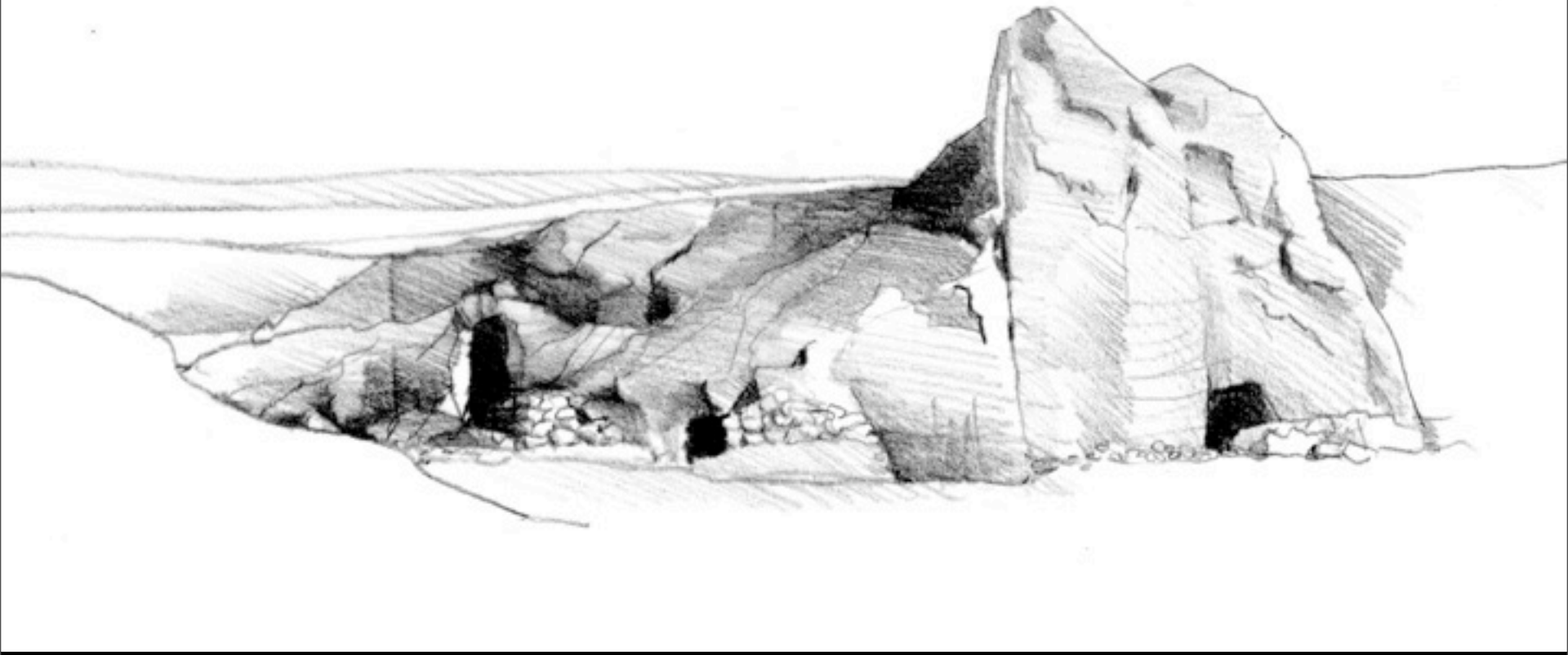





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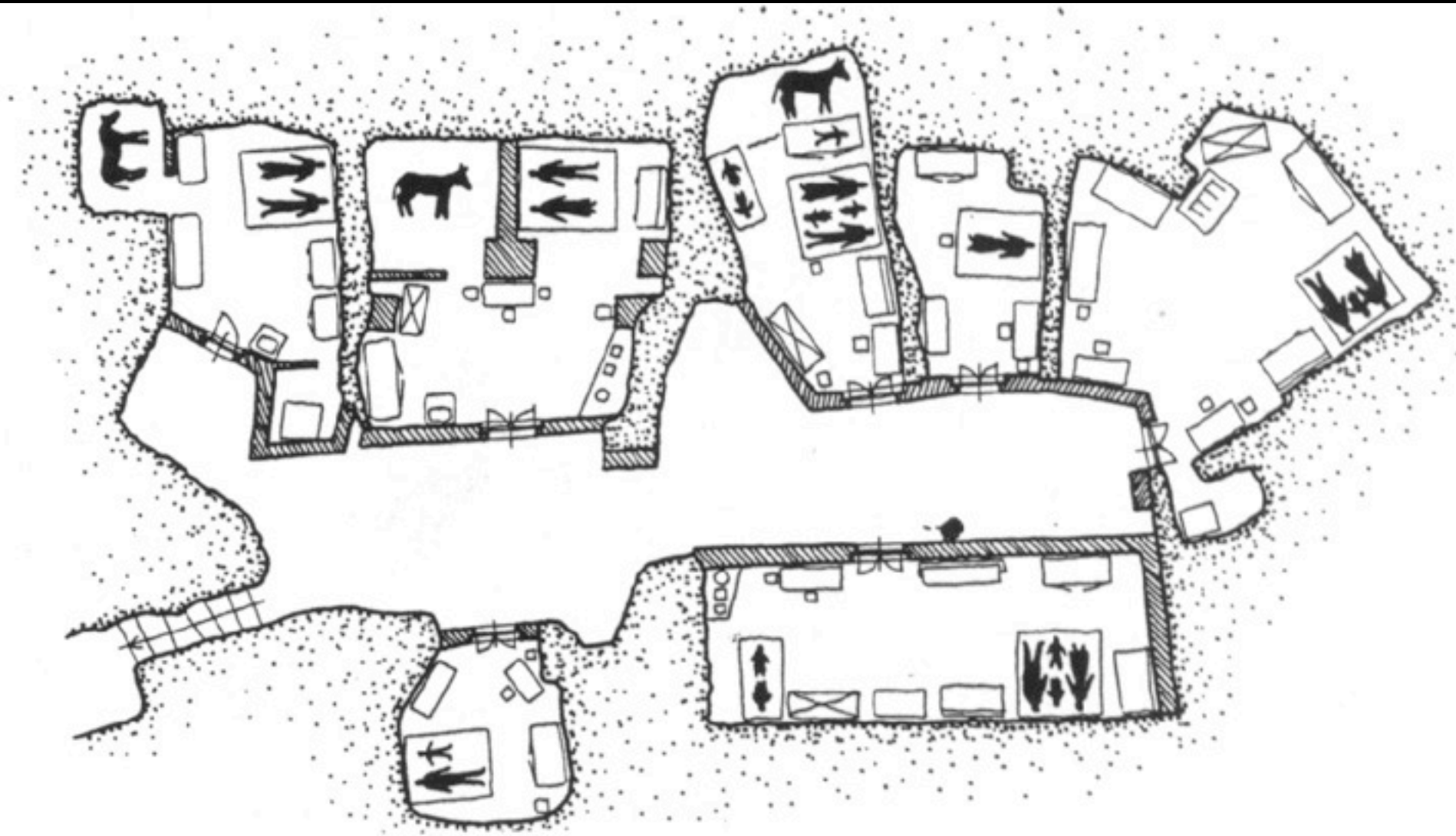




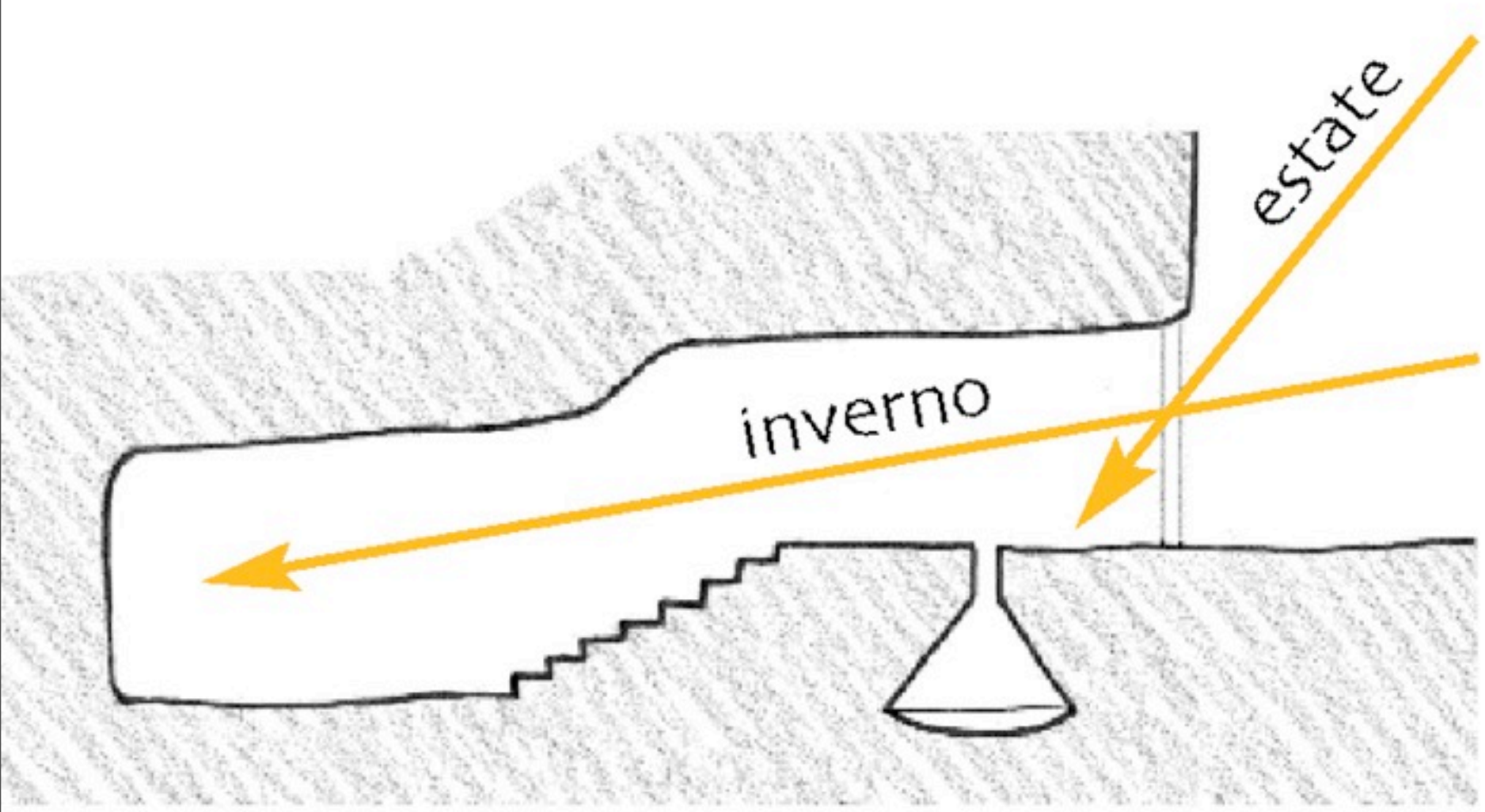


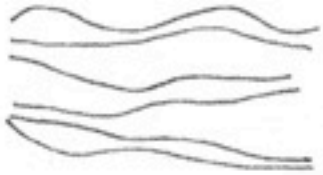




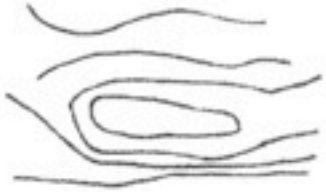





estate
inverno



curve di livello degradanti



la *pula*: depressione naturale delle Murge



grotte naturali



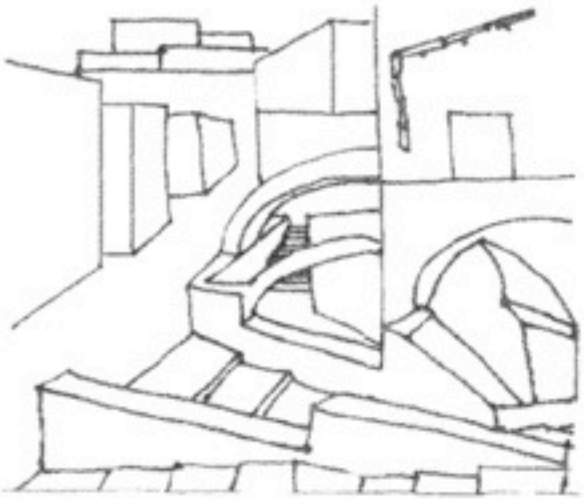
la grotta, naturale o scavata si apre sulla corte



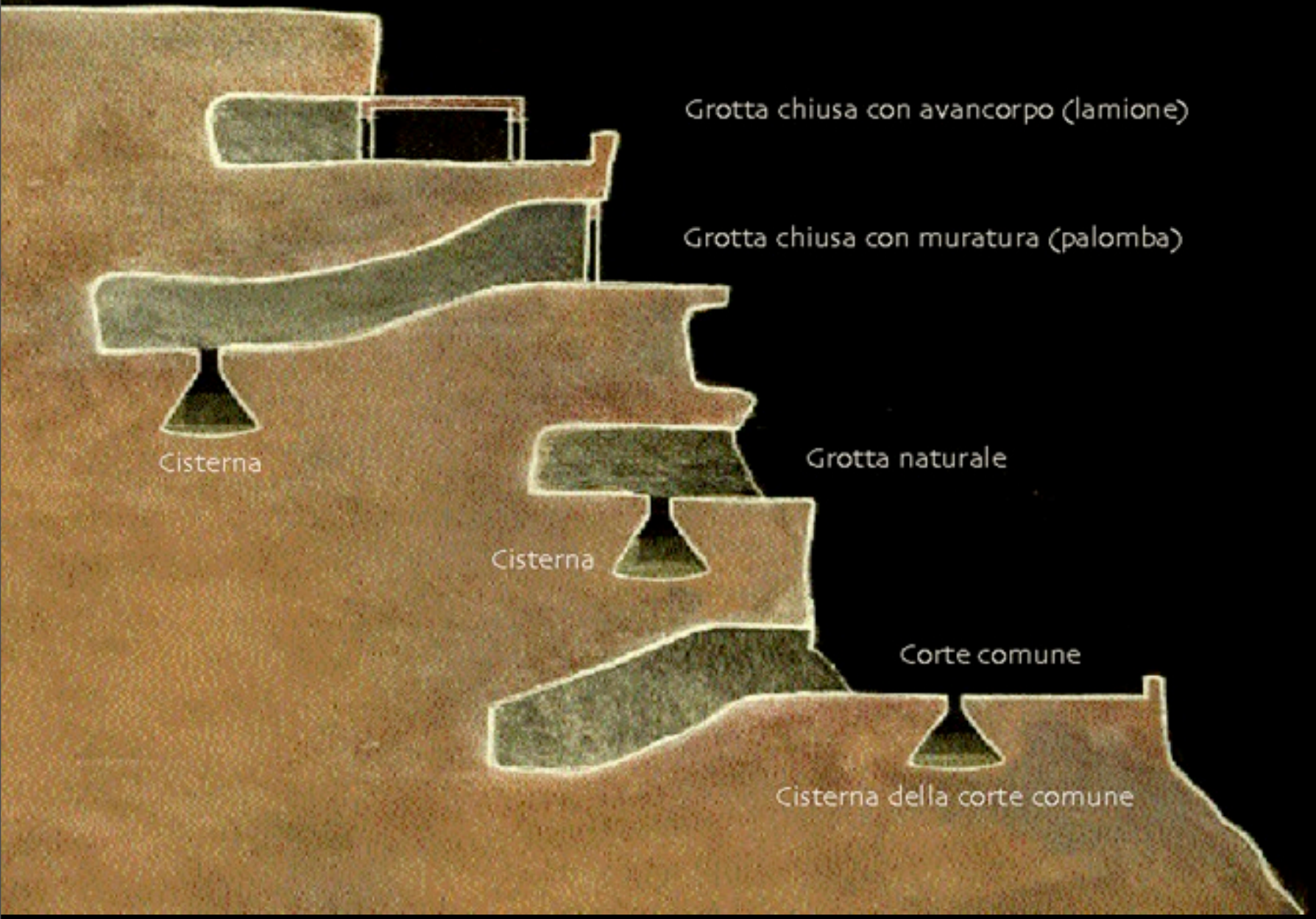
ipogei a forma di ferro di cavallo



la *corte* ovvero l'unità di vicinato materana






Grotta chiusa con avancorpo (lamione)
Grotta chiusa con muratura (palomba)
Cisterna
Grotta naturale
Cisterna
Corte comune
Cisterna della corte comune























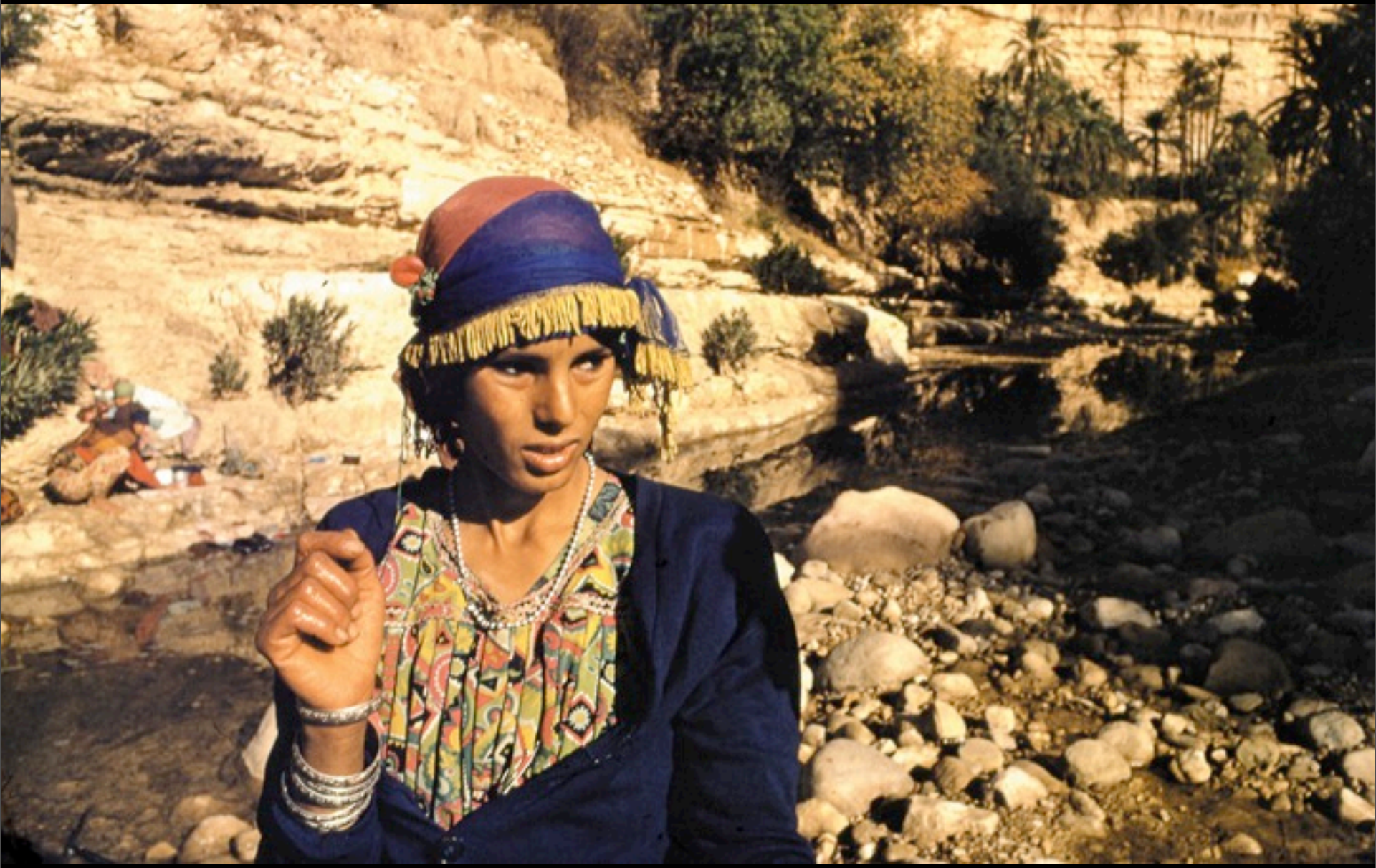


































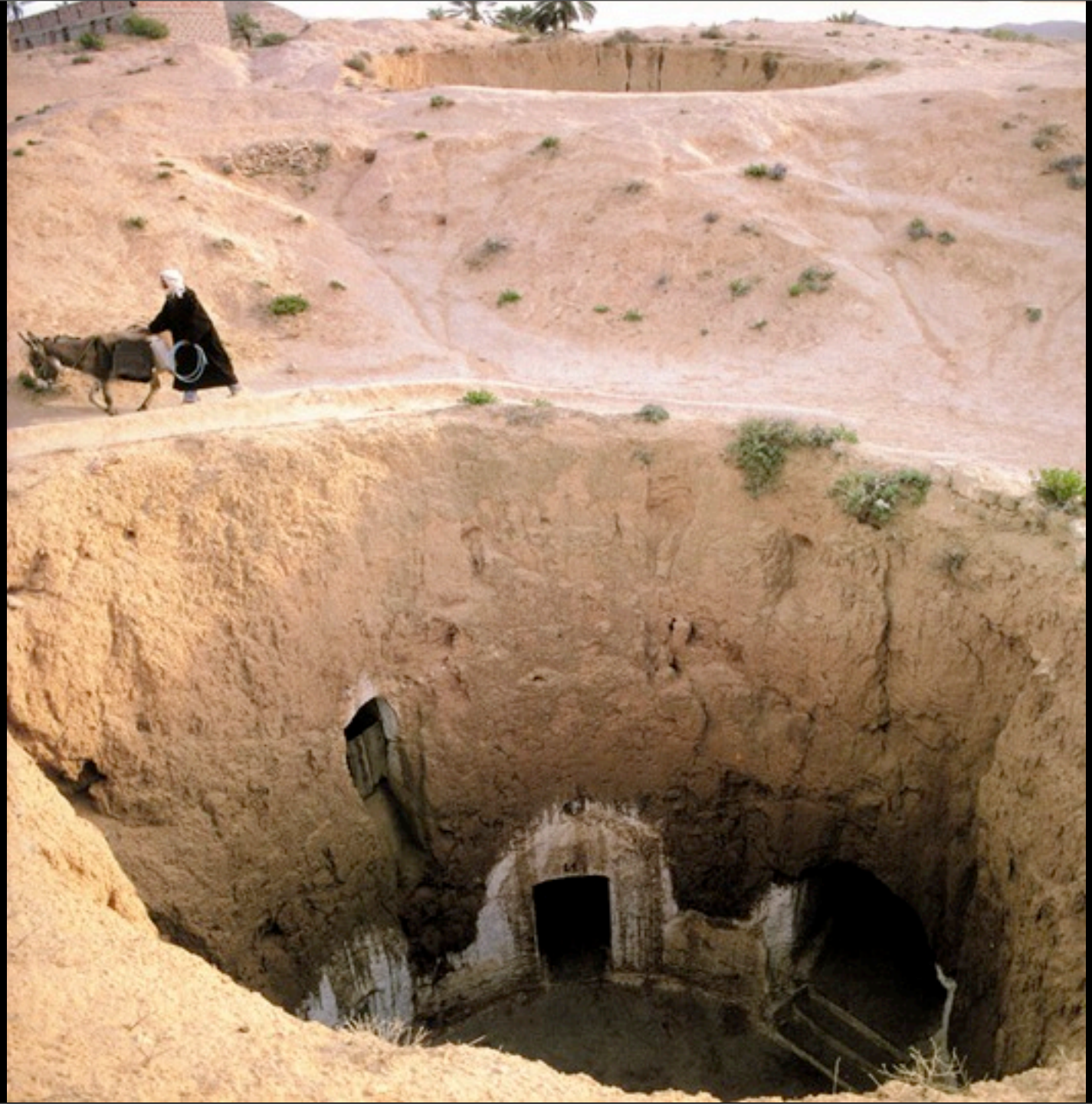




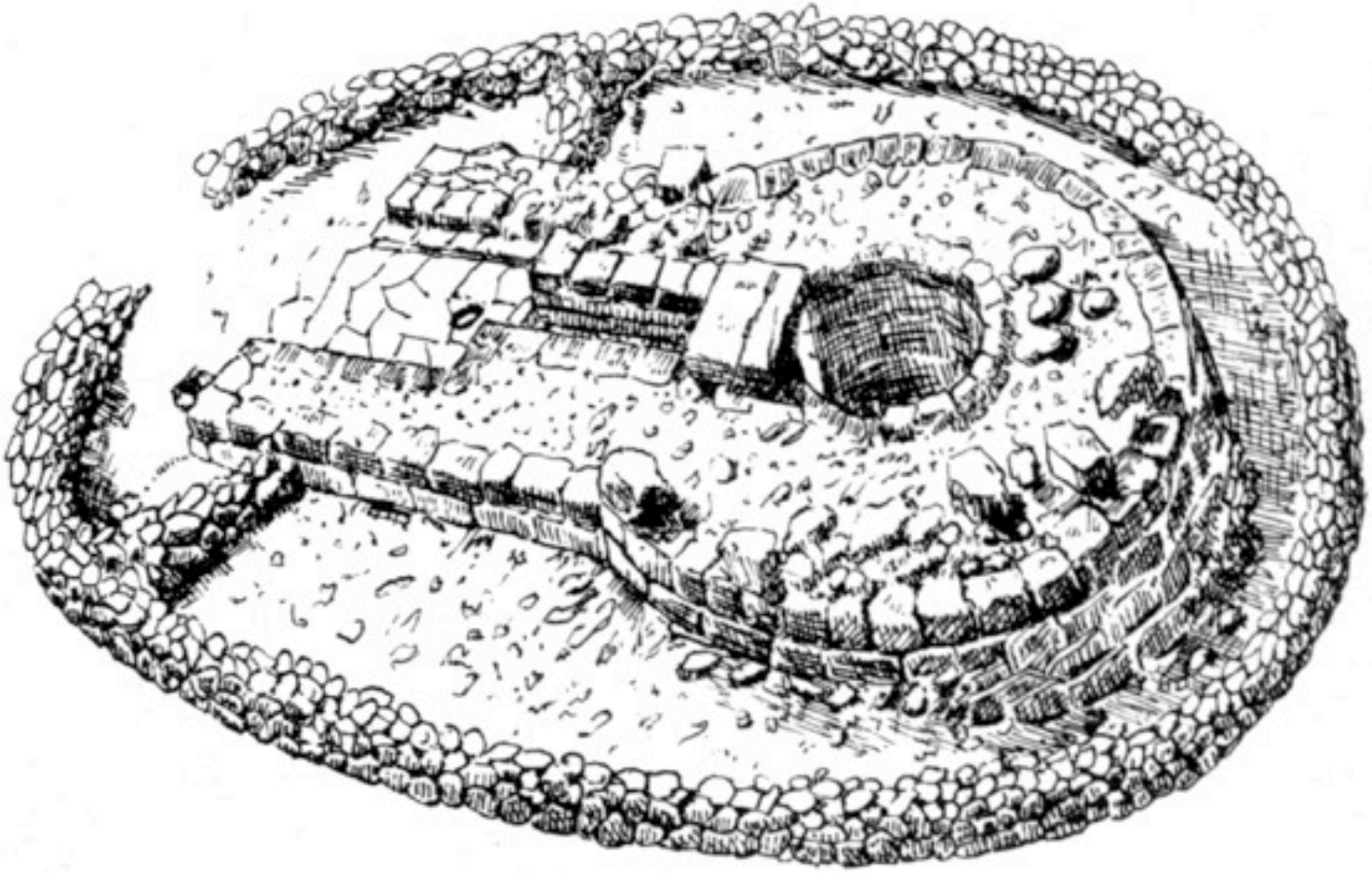


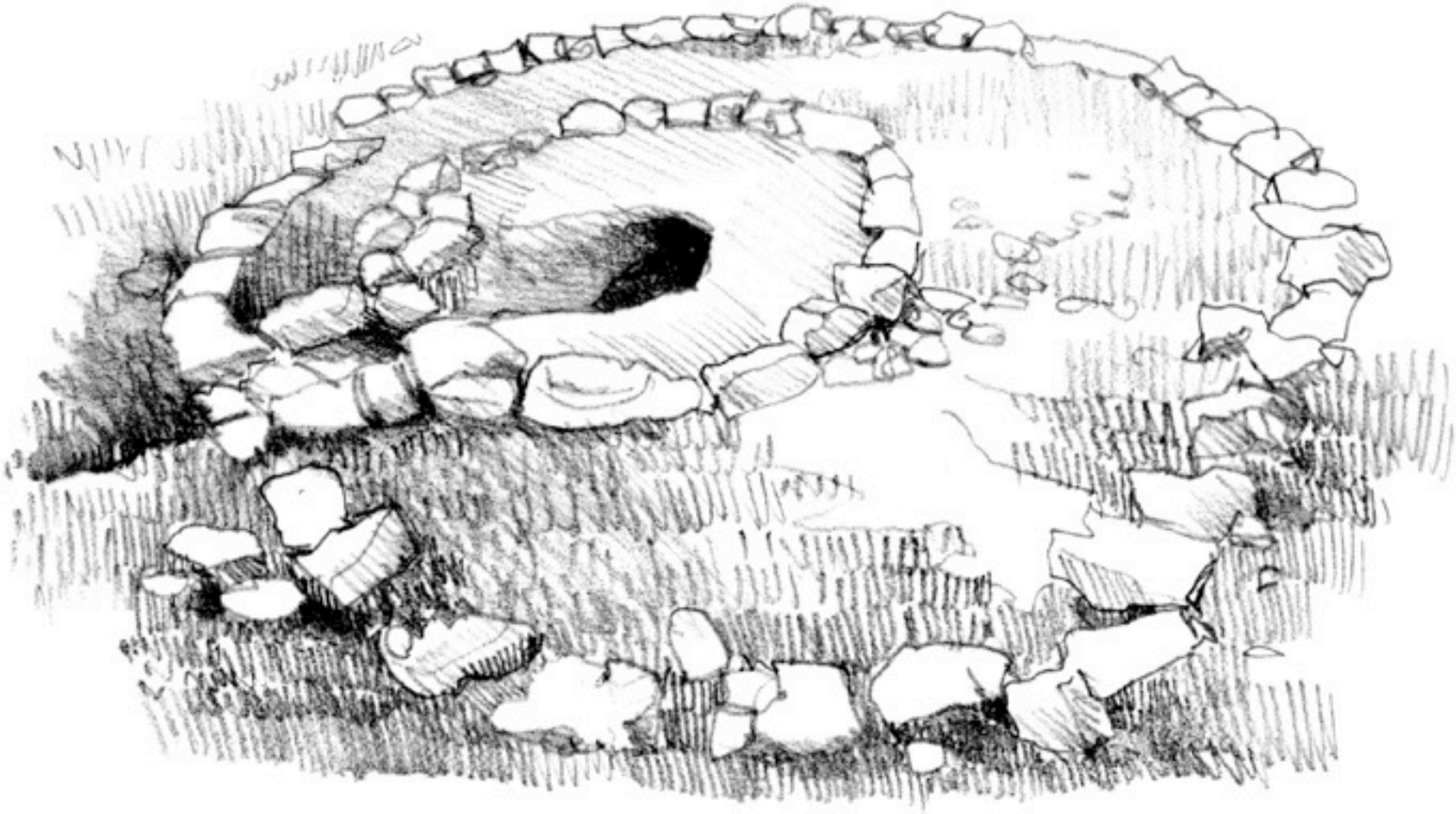


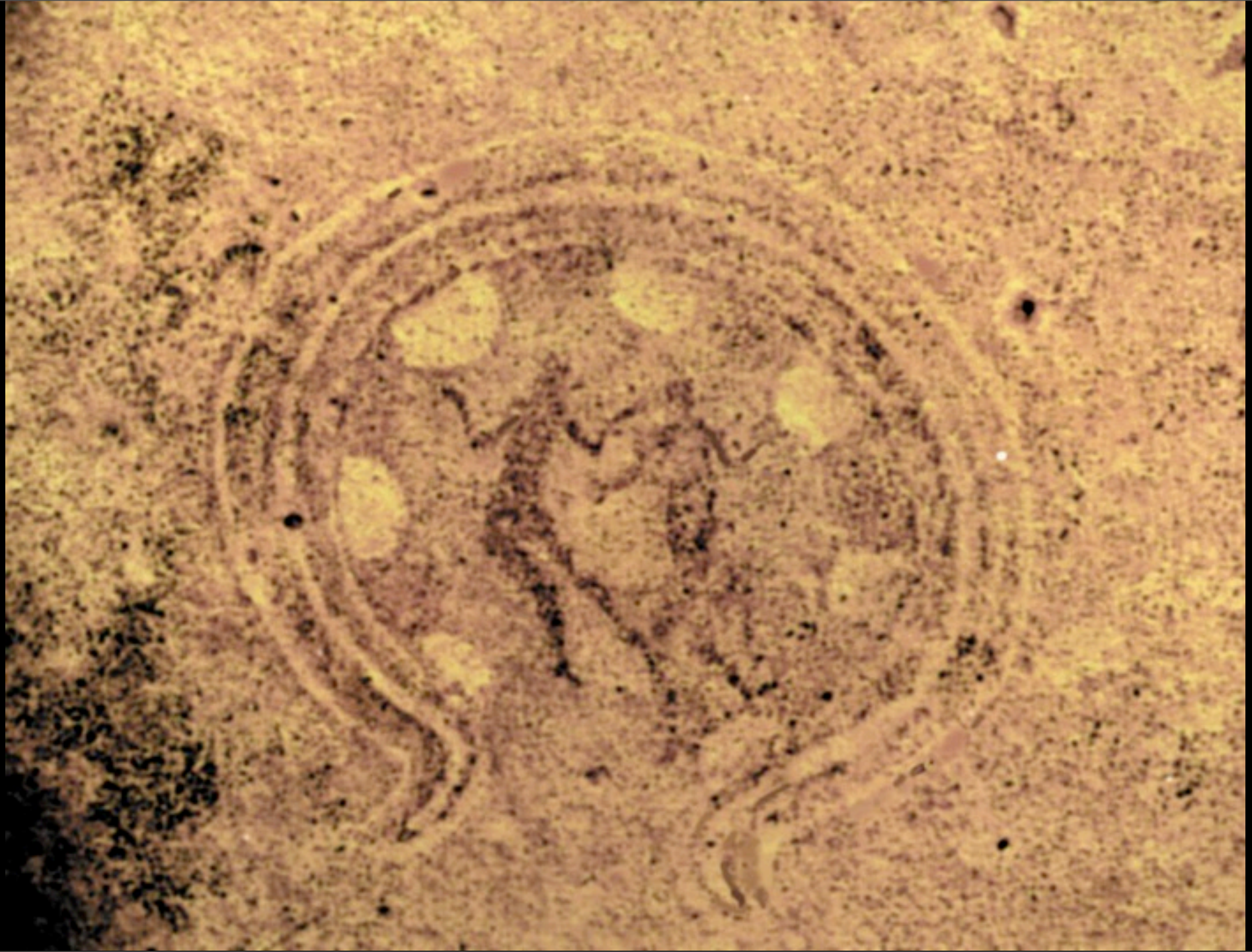










































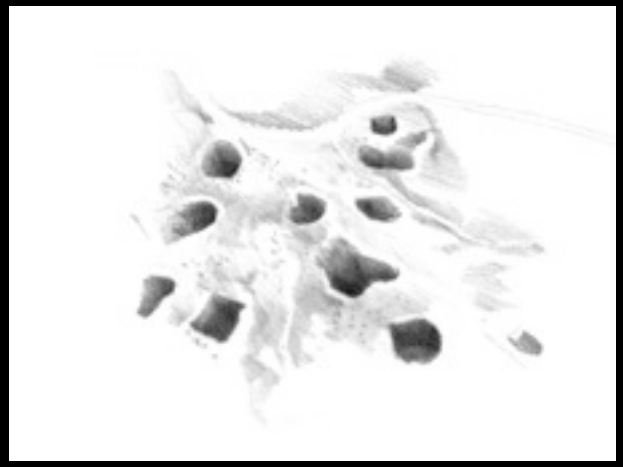


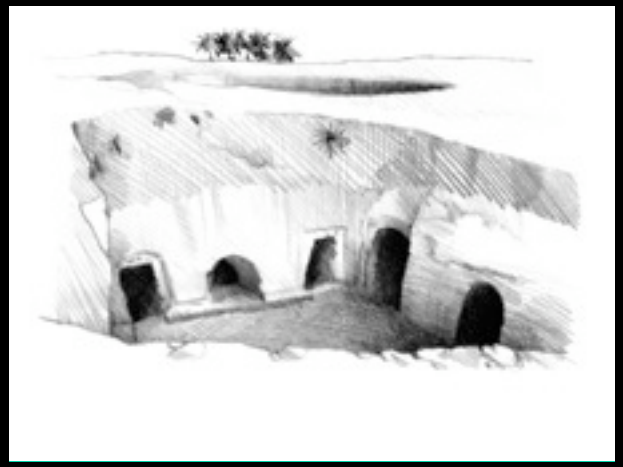


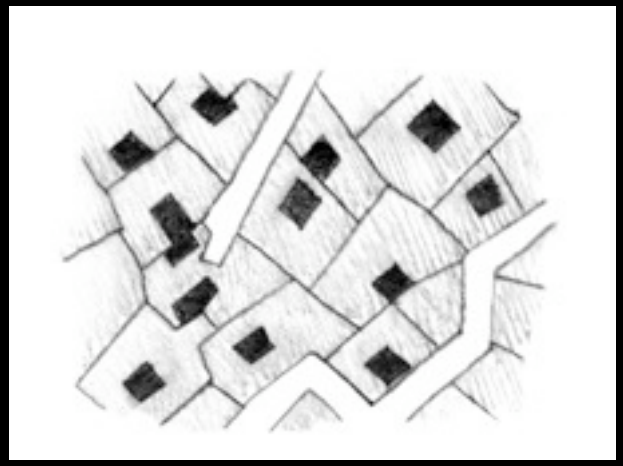


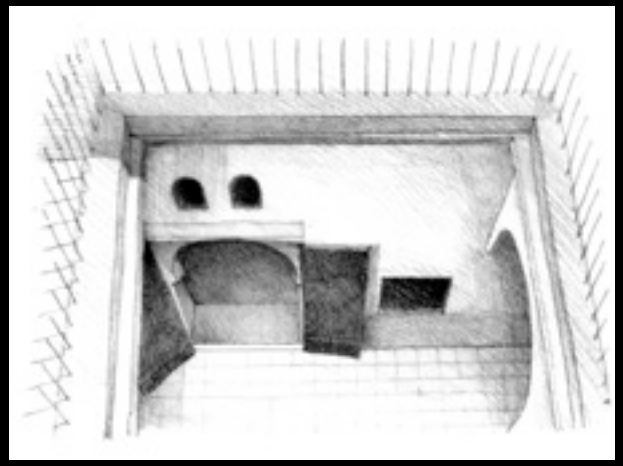


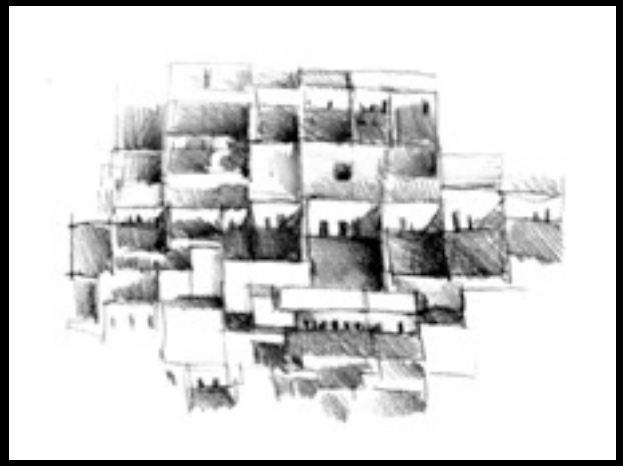


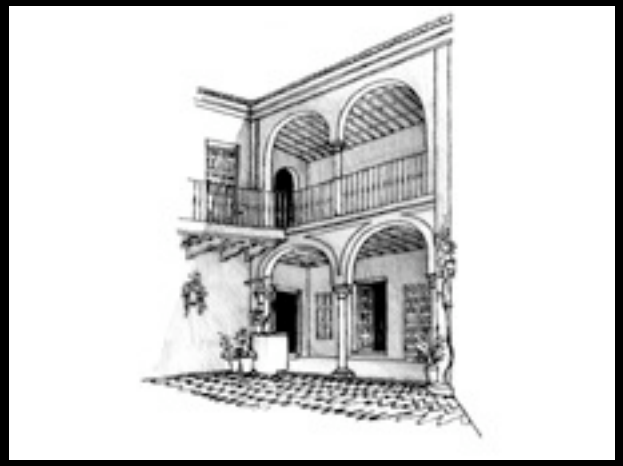


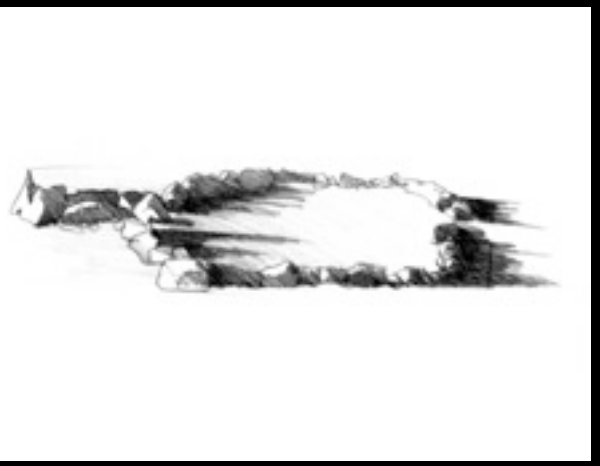


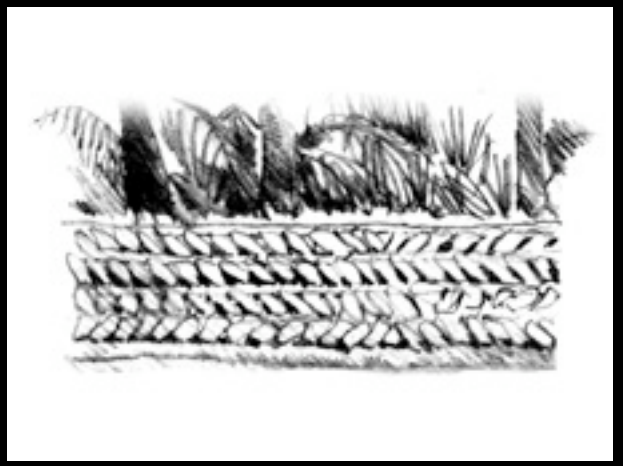


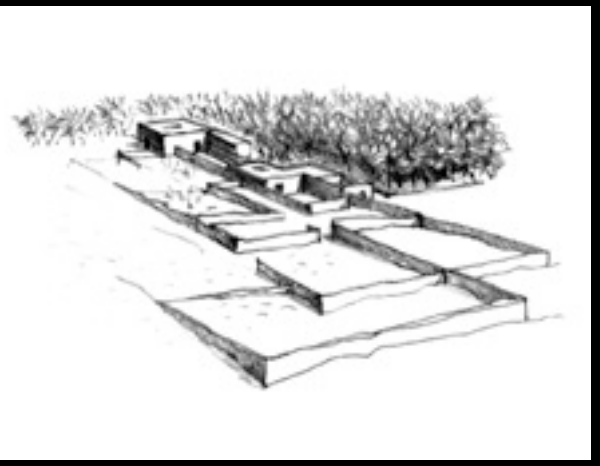


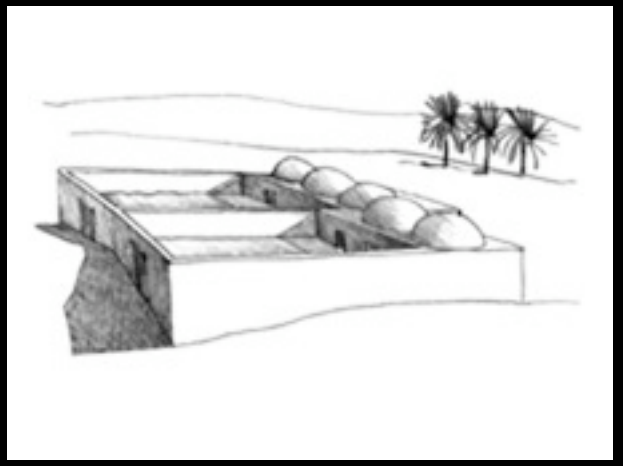


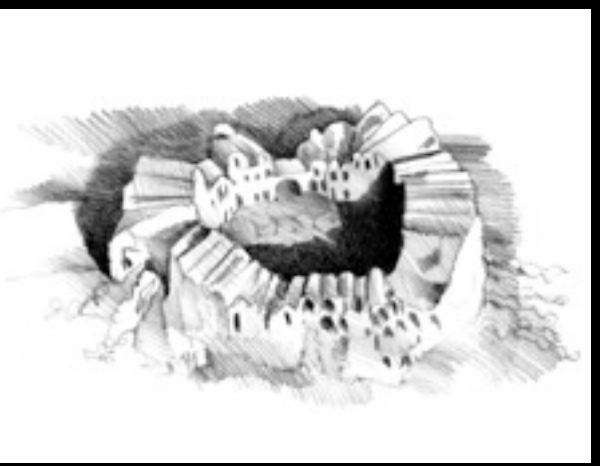


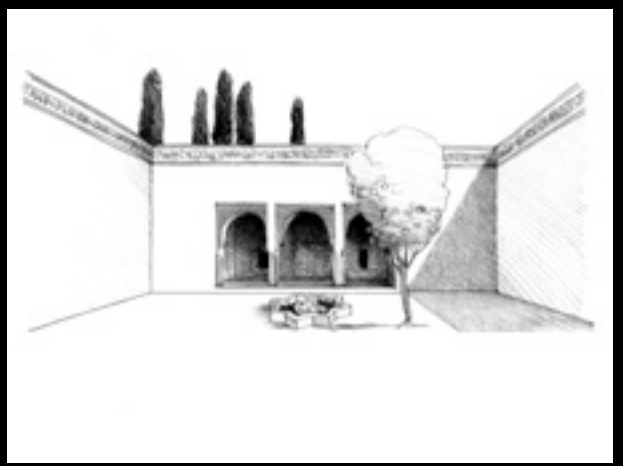






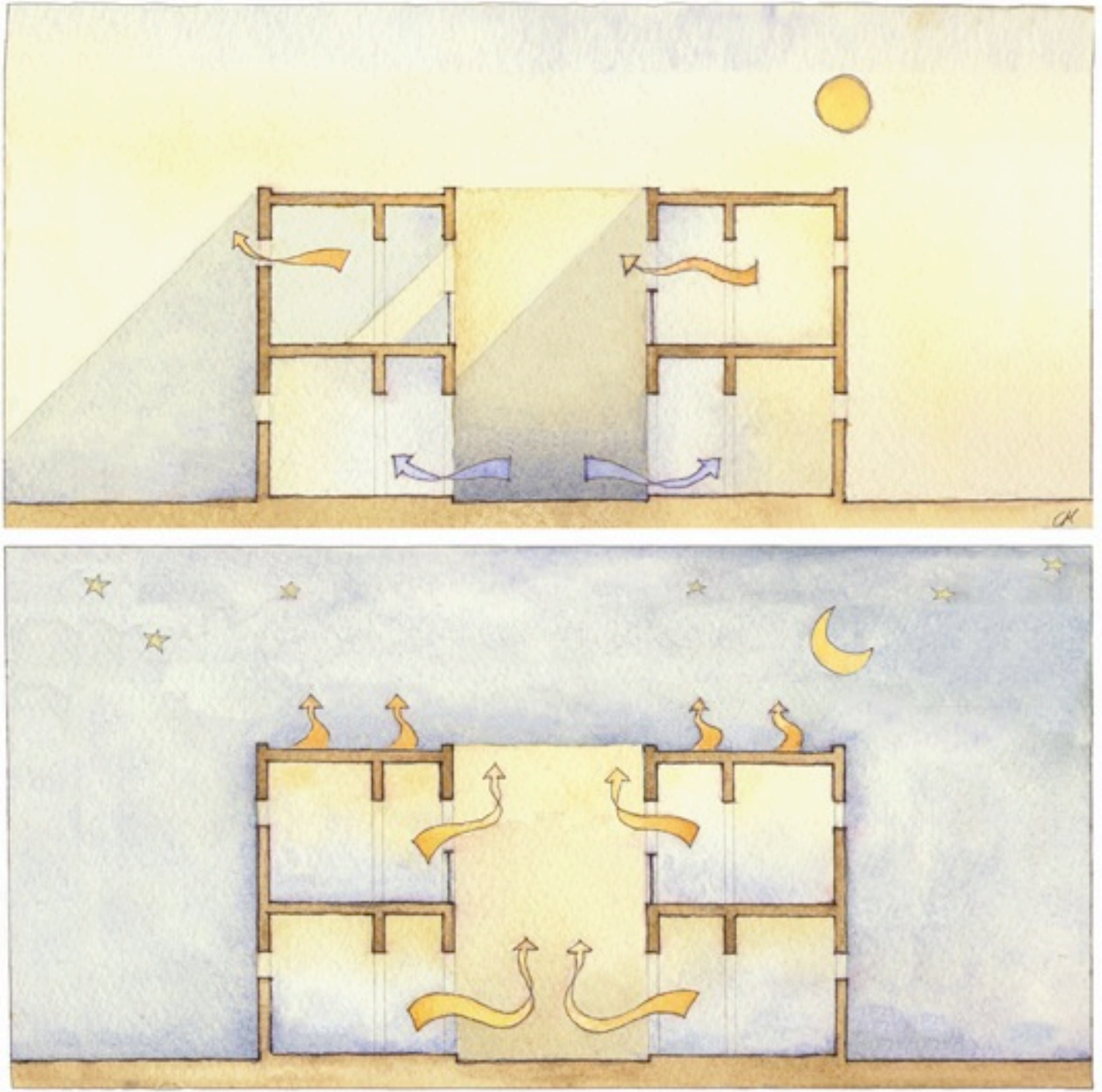


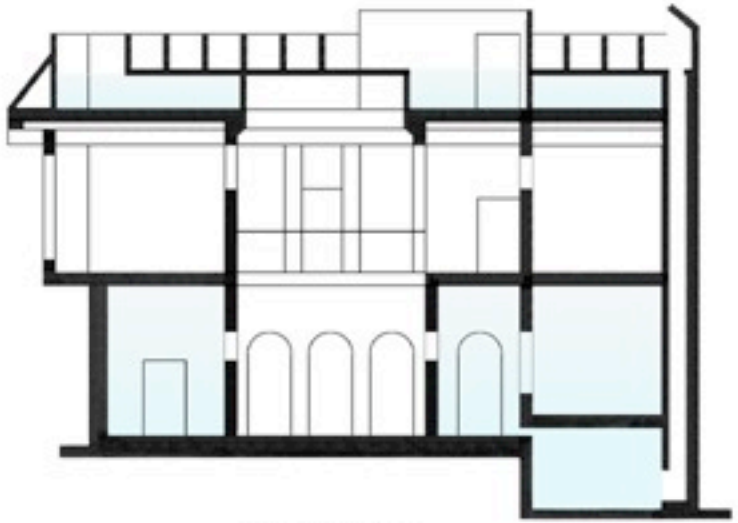




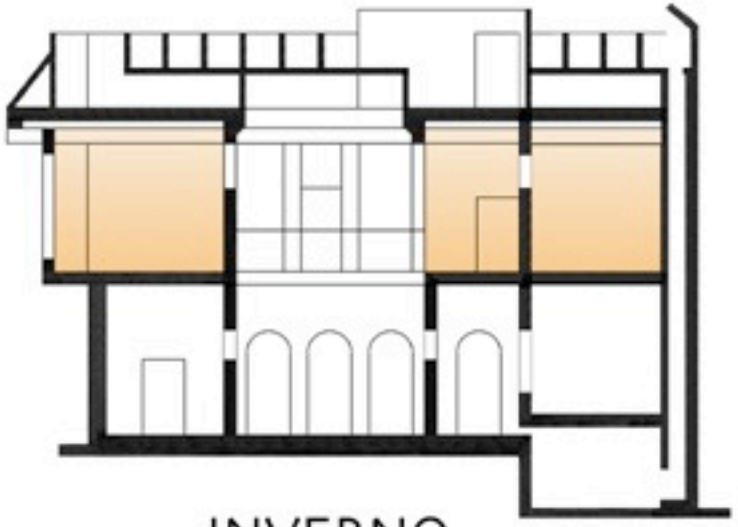




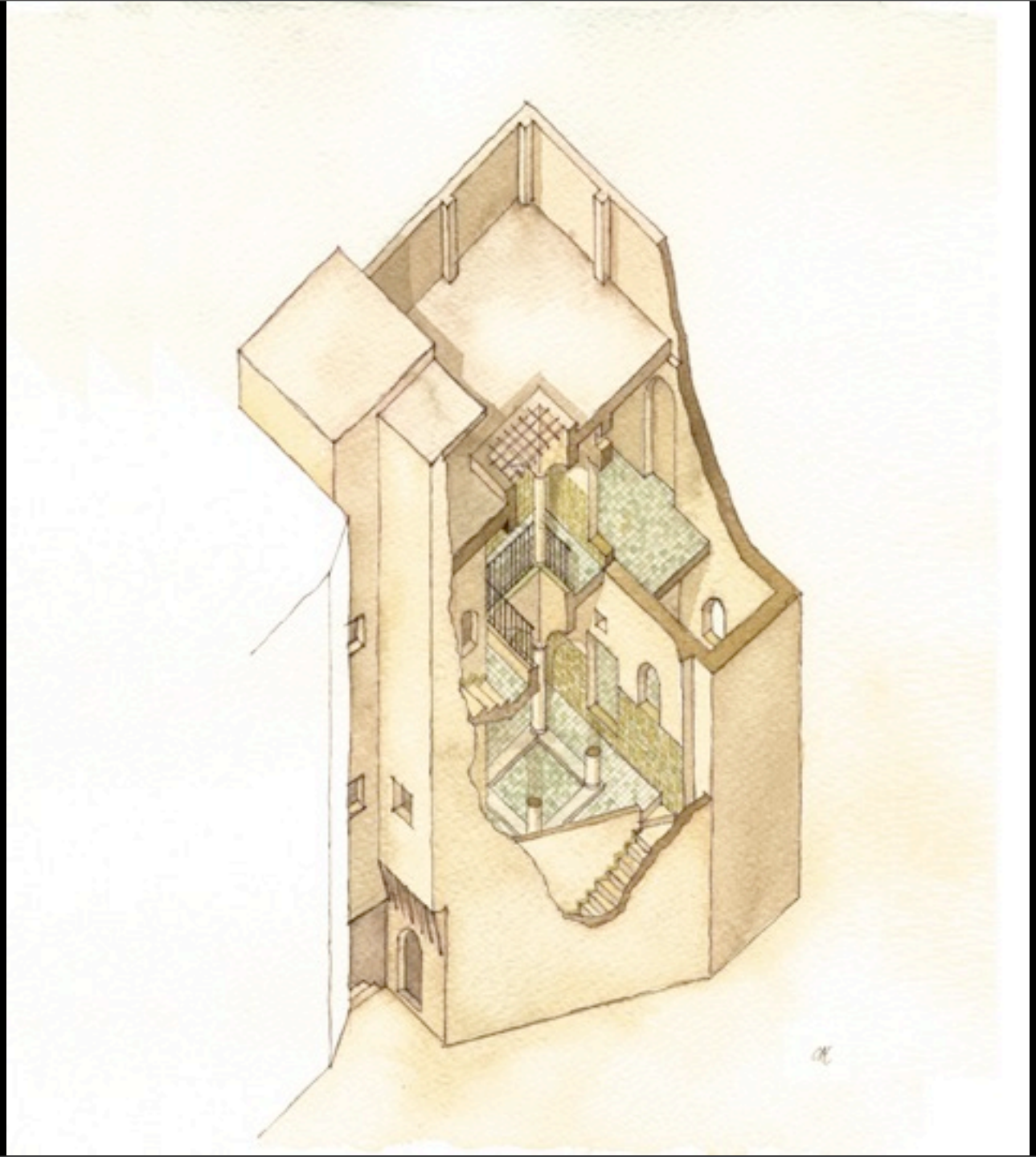




ESTATE

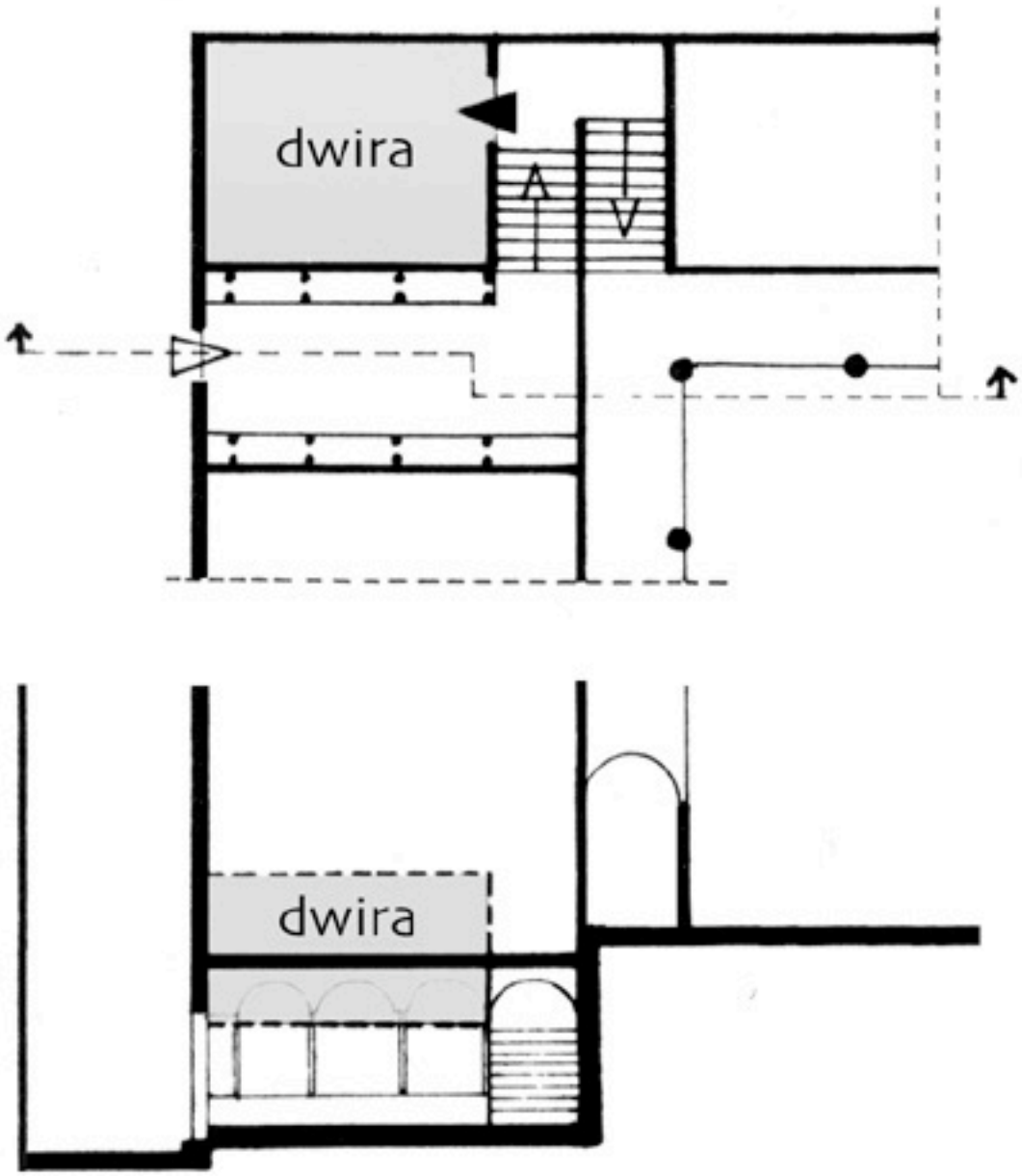


INVERNO



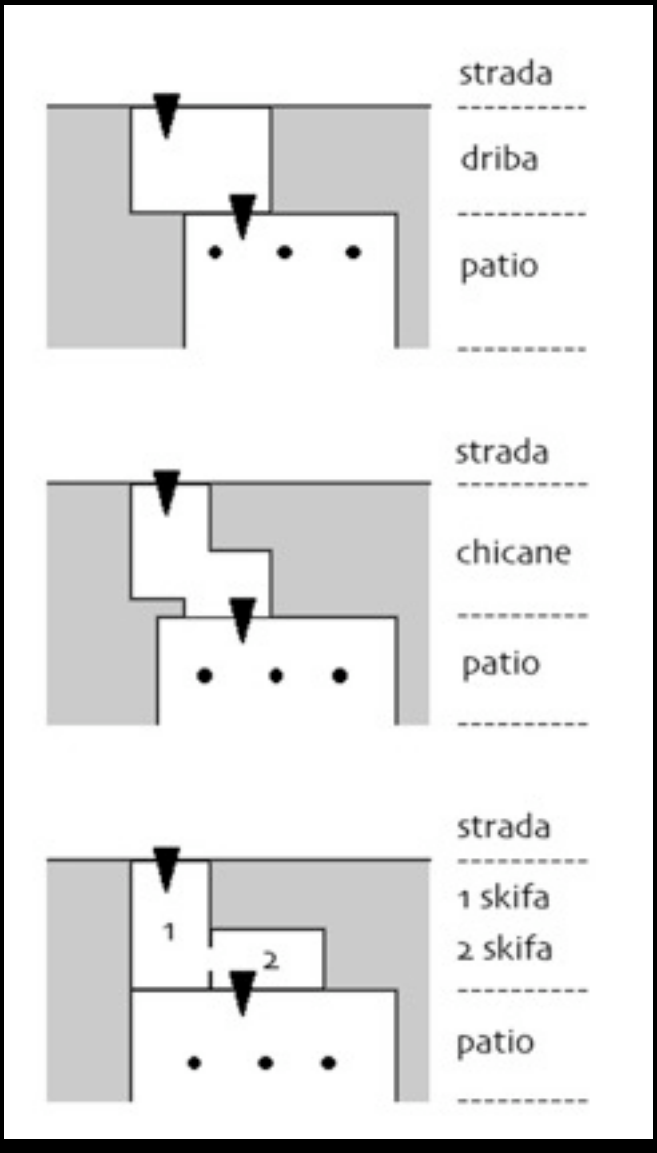





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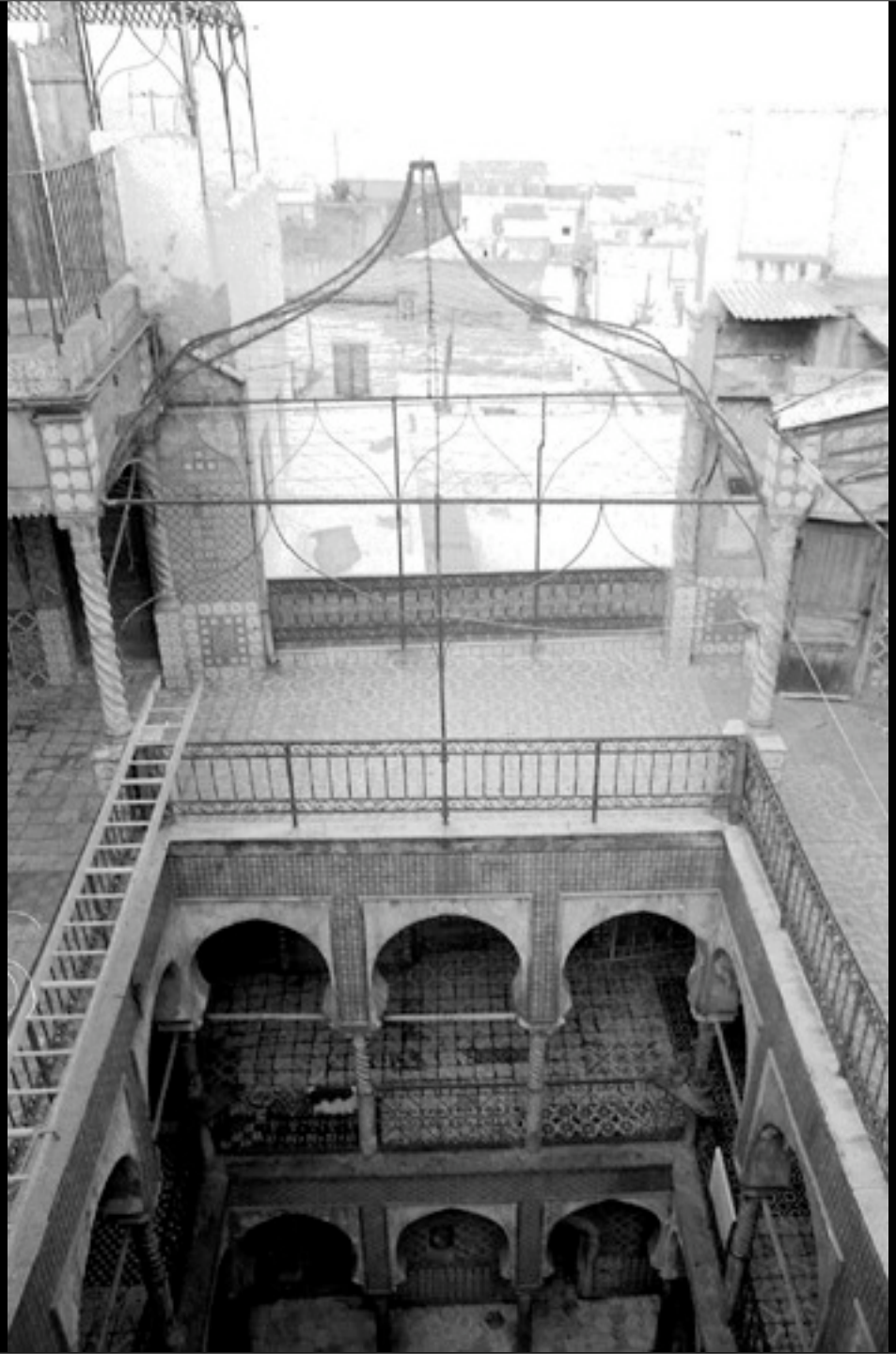



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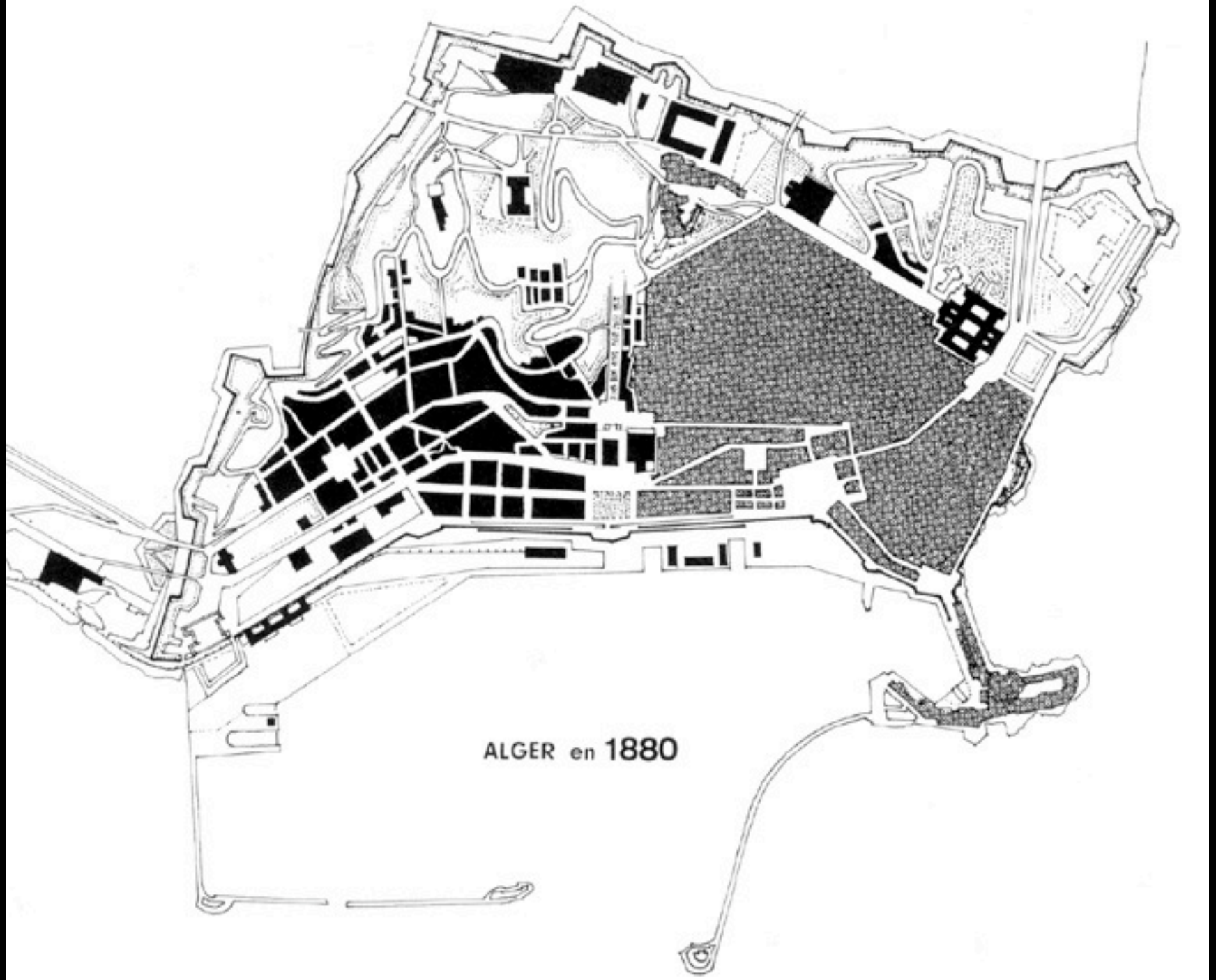






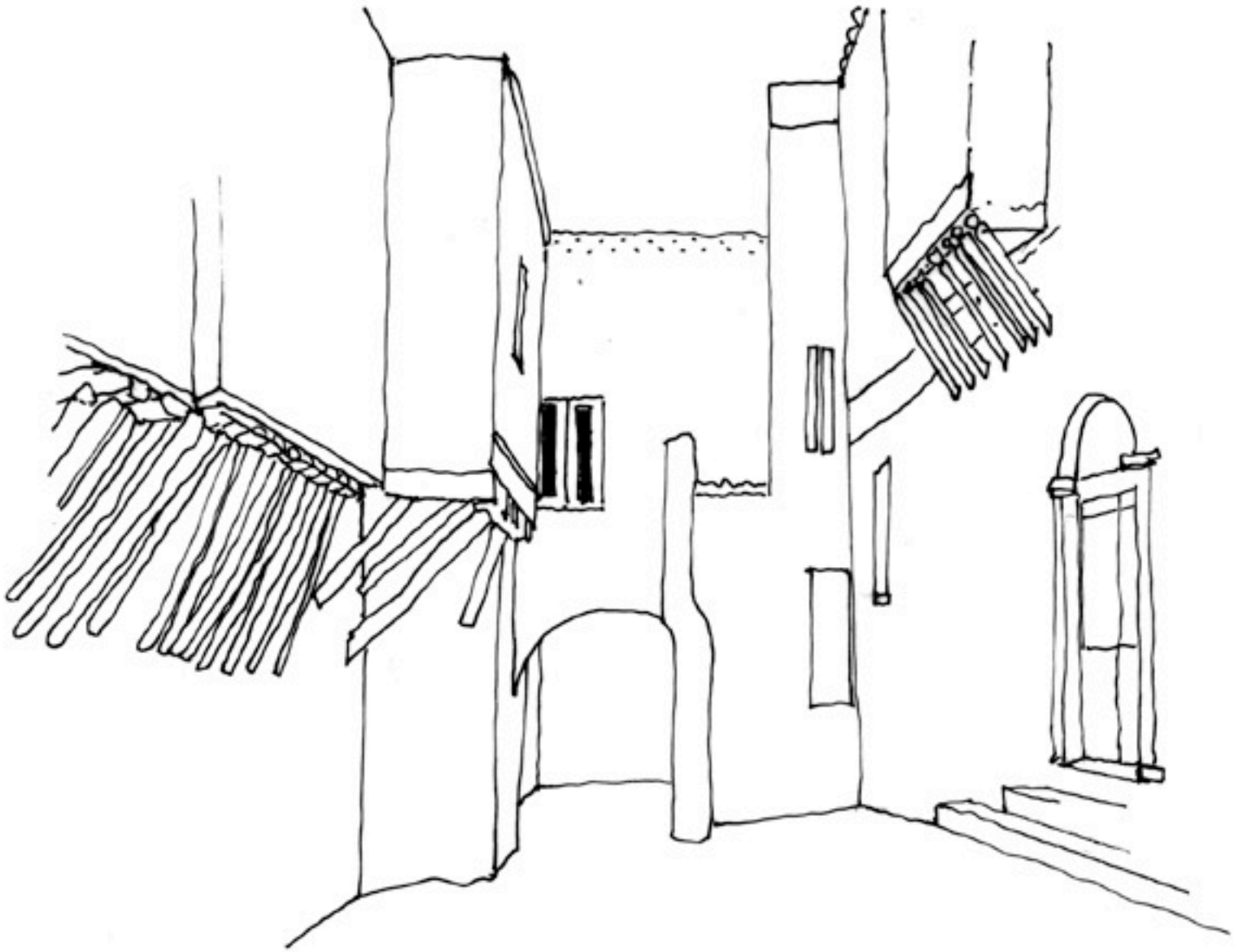



VIVE


ALGER en 1880







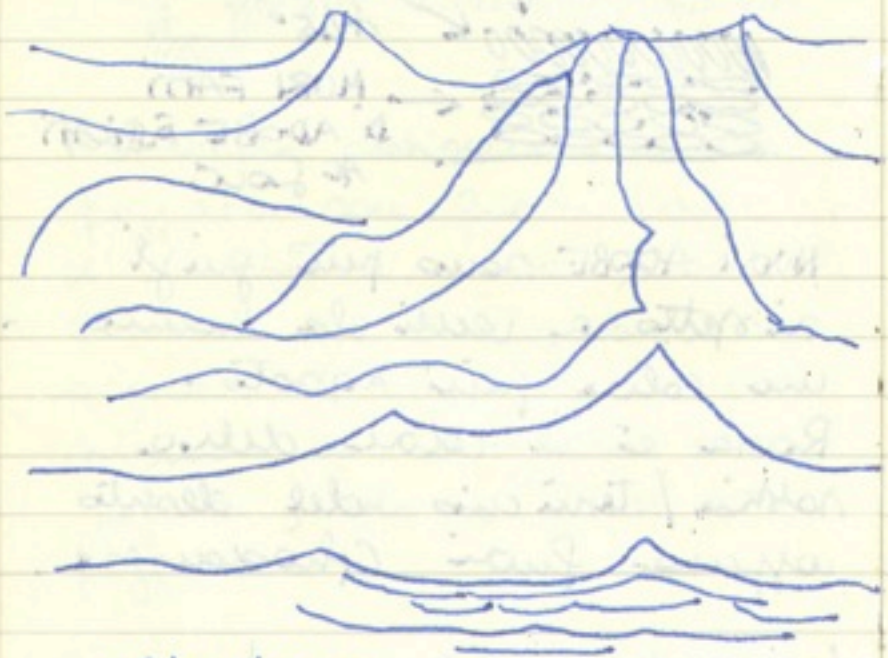








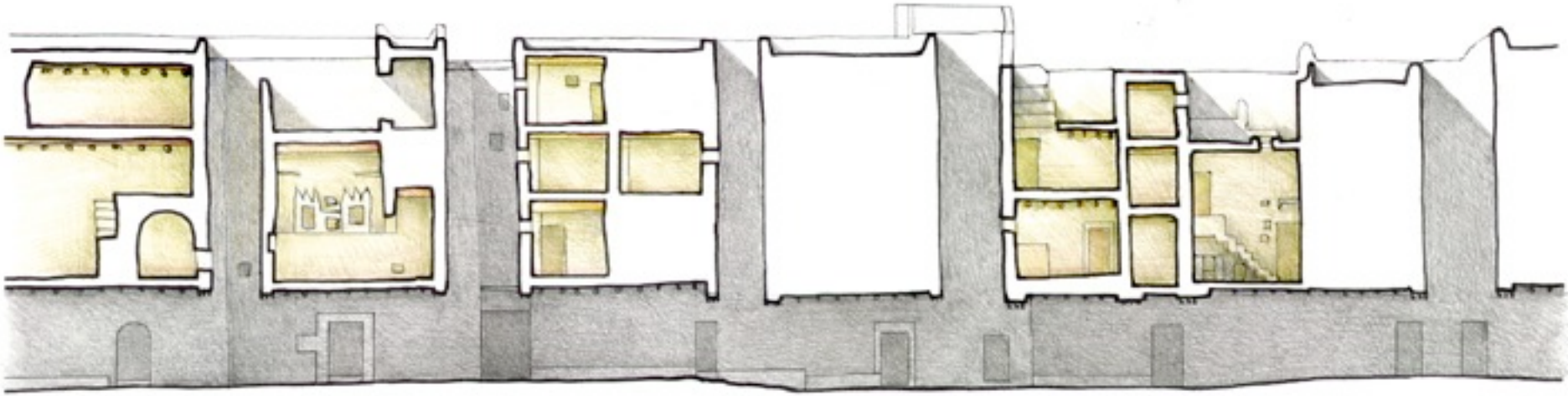




29/10/2004 DUNE
ALGERIA
TUNISIA
LIBIA

31/10/2004

GRANADA KABAW.
Come AL-HAJ che
dentro viene pulito
come disegno
Celle sovrapposti fino a 5-6.
Costruito 812 anni fa.
Restaurato 80 anni fa
(si vedono segni del
cemento) oggi fuori
uso ha bisogno manutenzione.
Il mercato più
luogo sacro dove due
persone devono incontrarsi.
Costruito in pietra e
fango.
Ci sono celle anche
sotto terra. Vi si accede
da buchi con scale.
Granaio in montagna
con paese sotto. C'è
MACINA per il grano.


0
5 metri























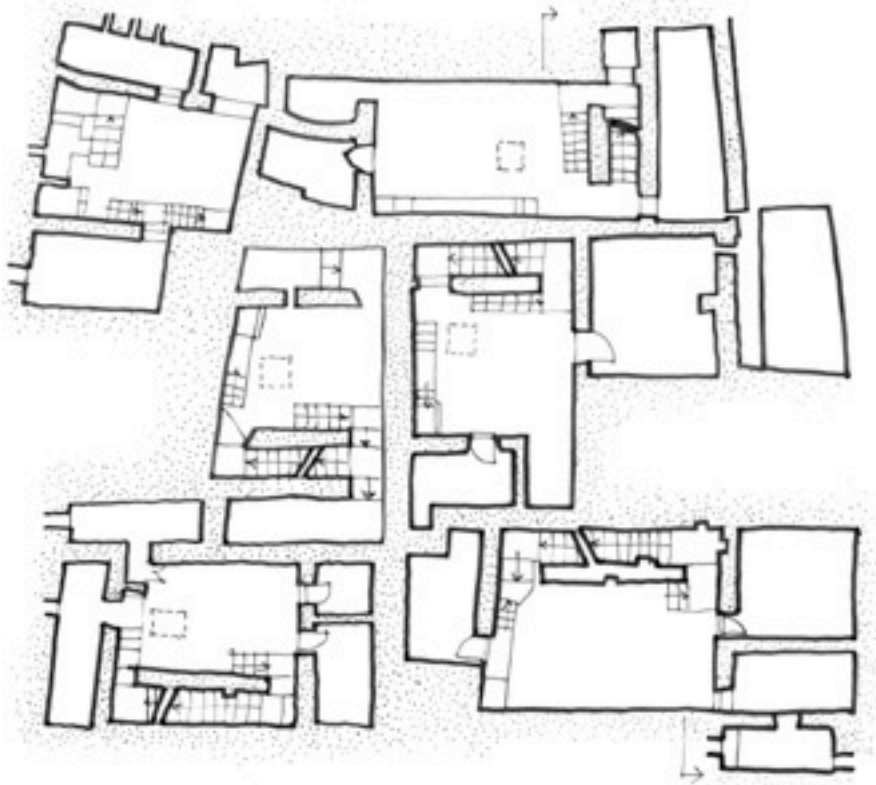


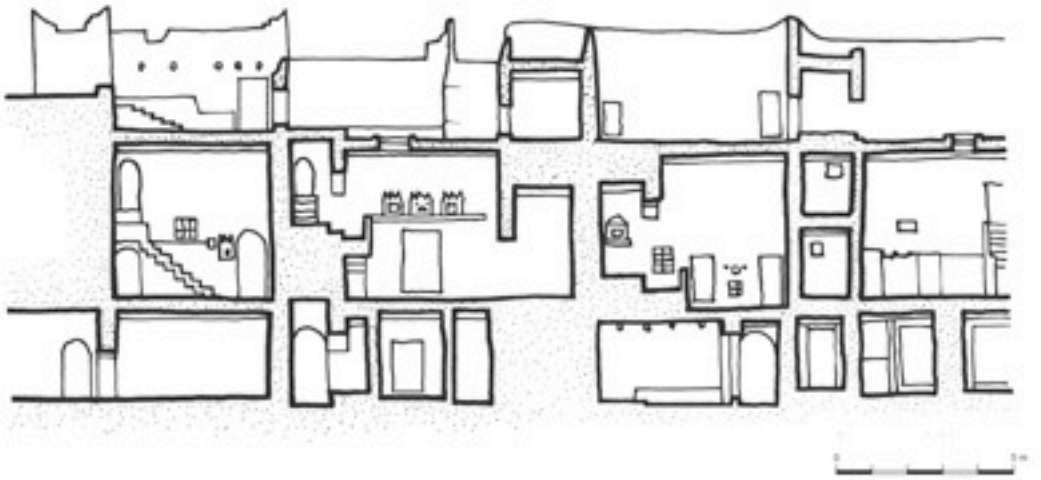










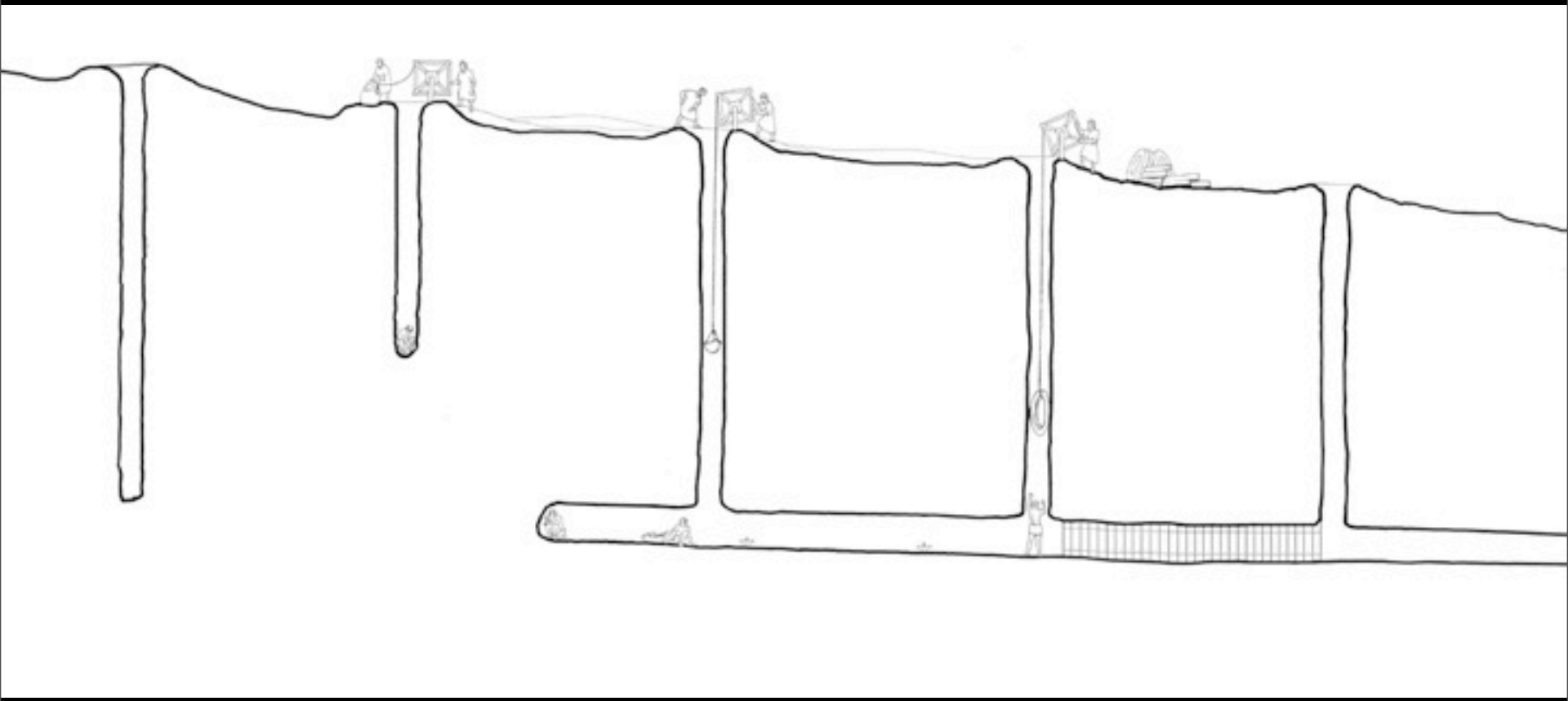




























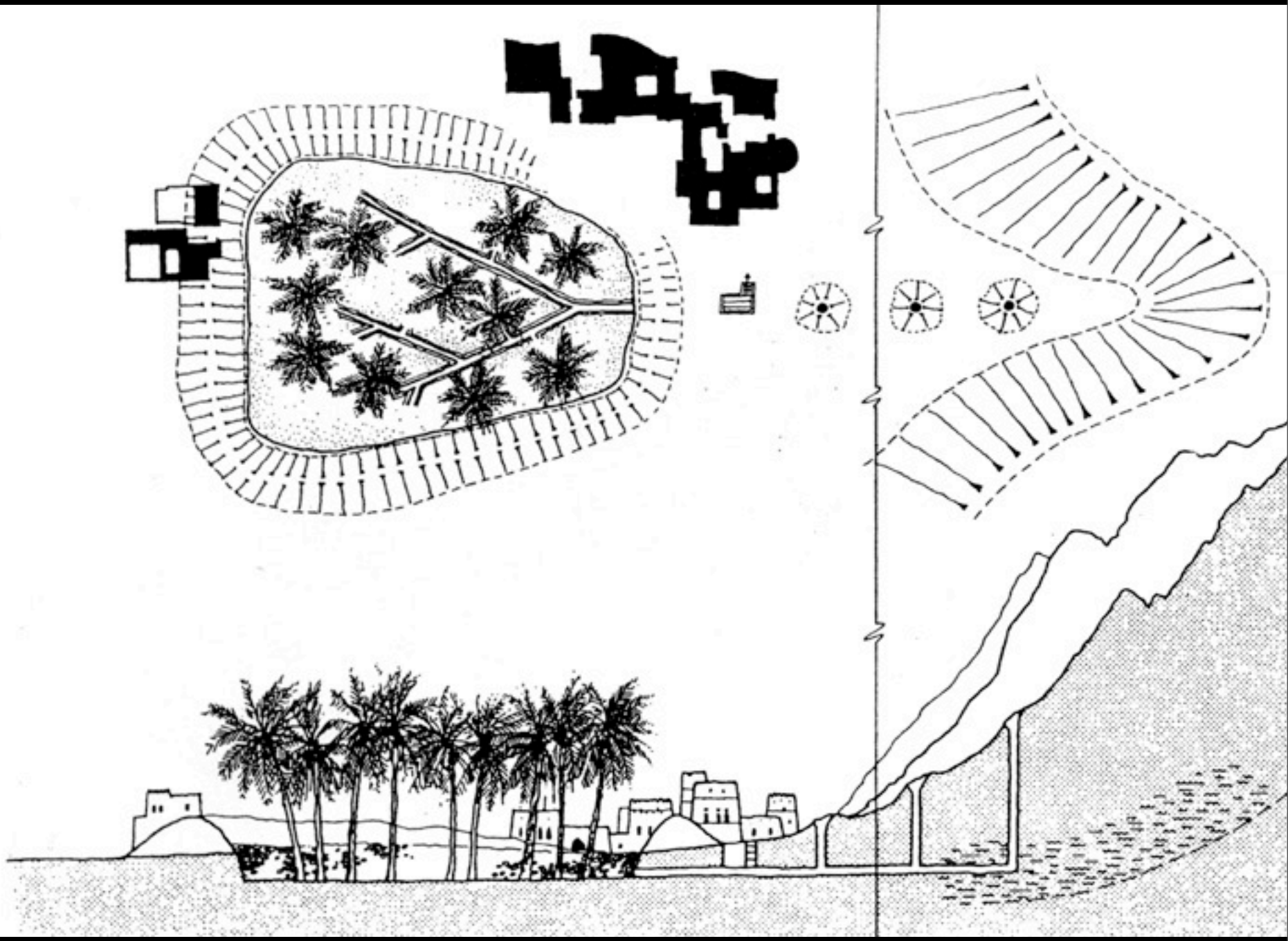


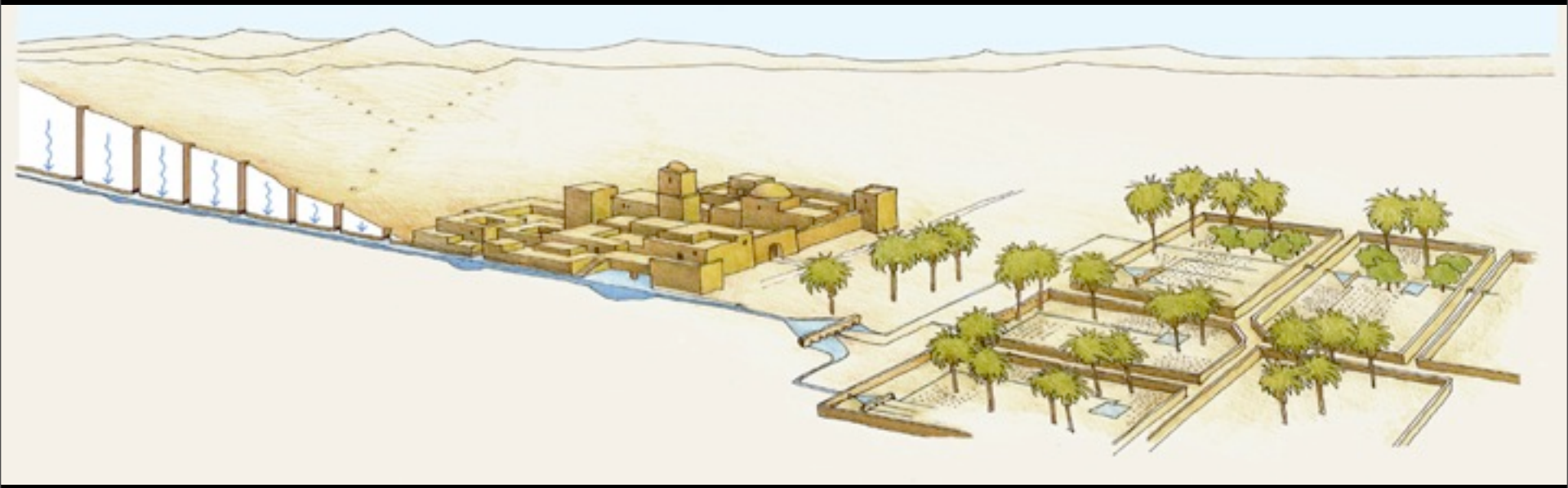














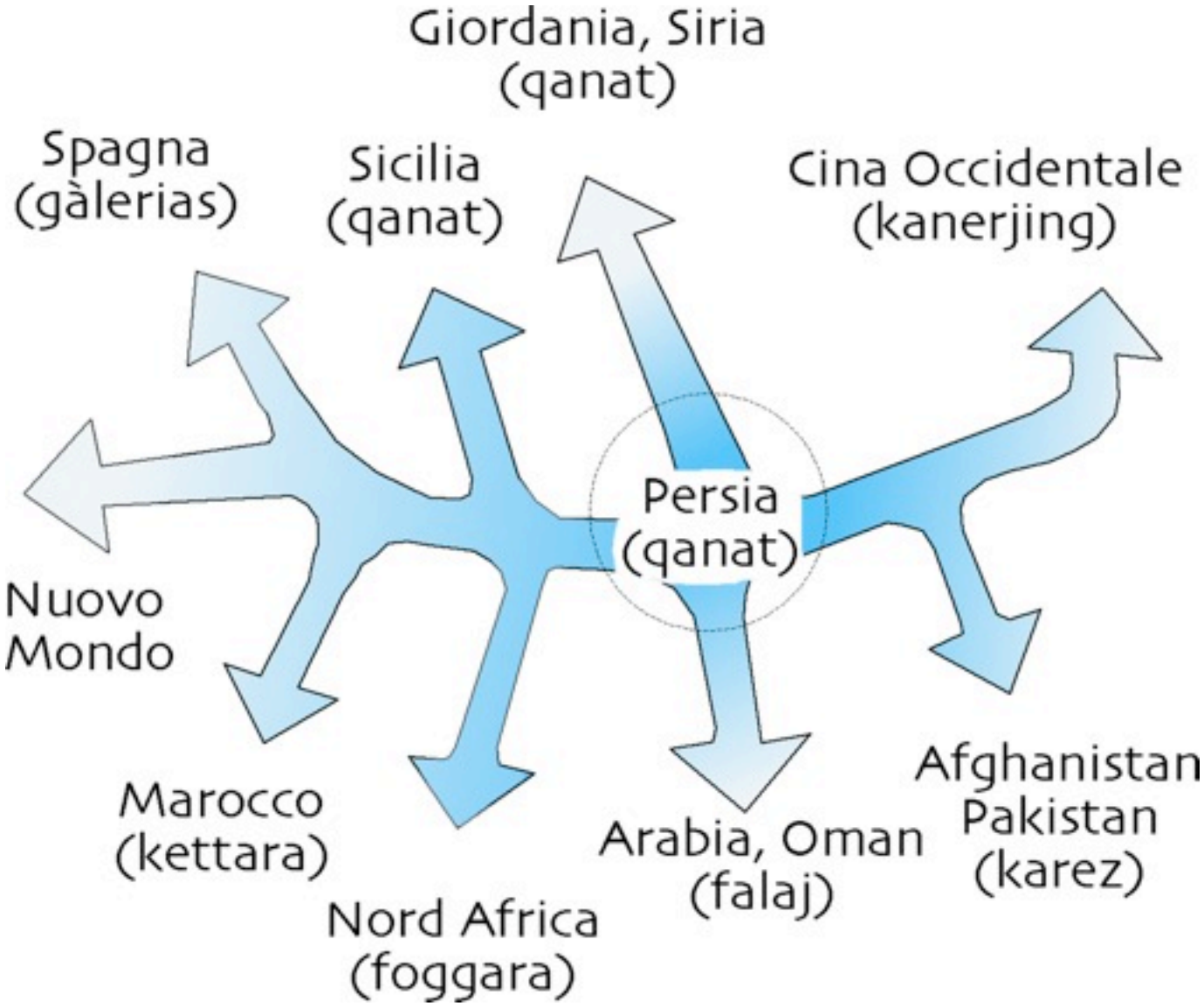








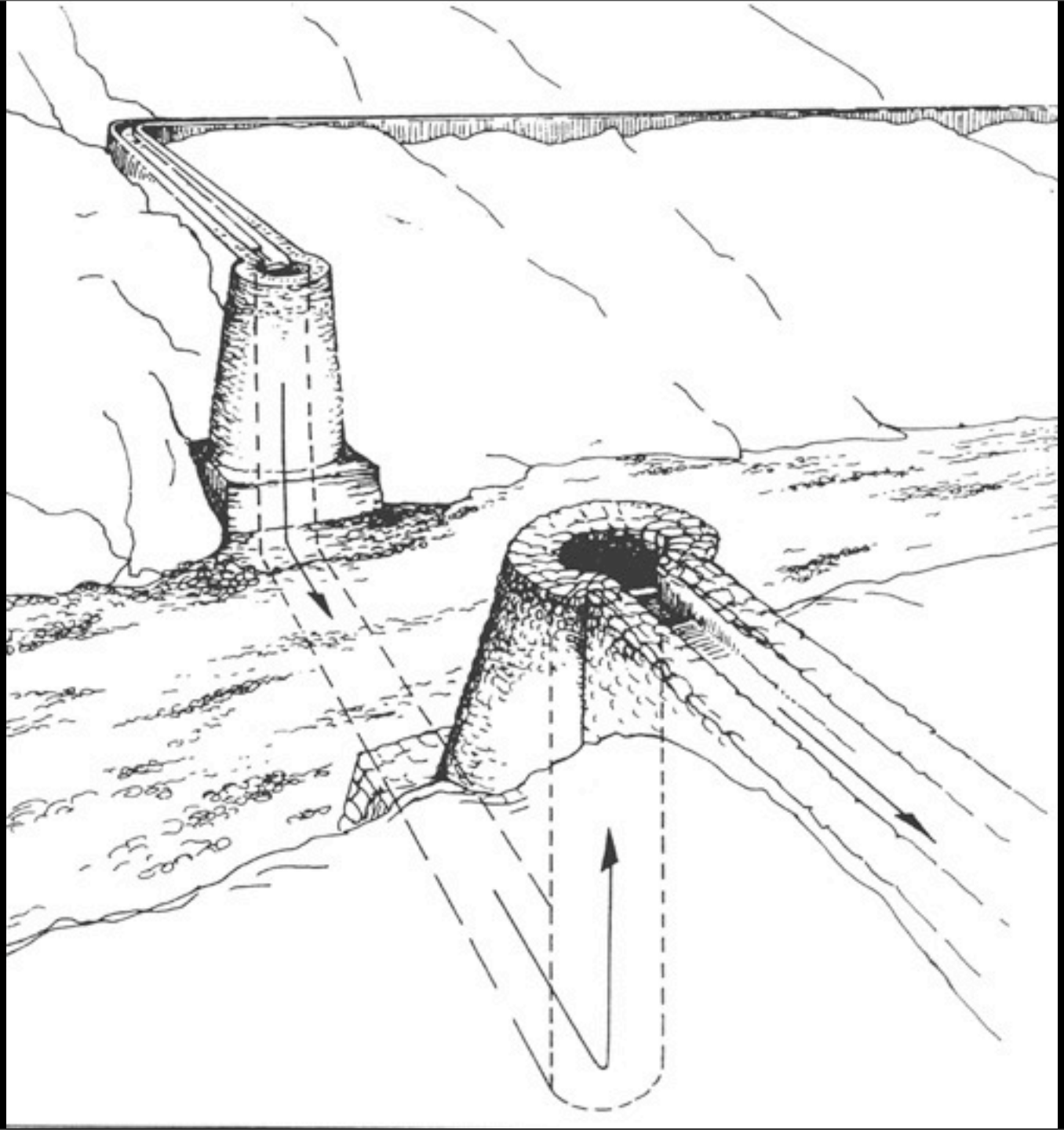



Giordania, Siria
(qanat)
Spagna
(gàlerias)
Sicilia
(qanat)
Cina Occidentale
(kanerjing)
Persia
(qanat)
Nuovo
Mondo
Marocco
(kettara)
Nord Africa
(foggara)
Arabia, Oman
(falaj)
Afghanistan
Pakistan
(karez)


© Jörg Schwiderski-Grosche



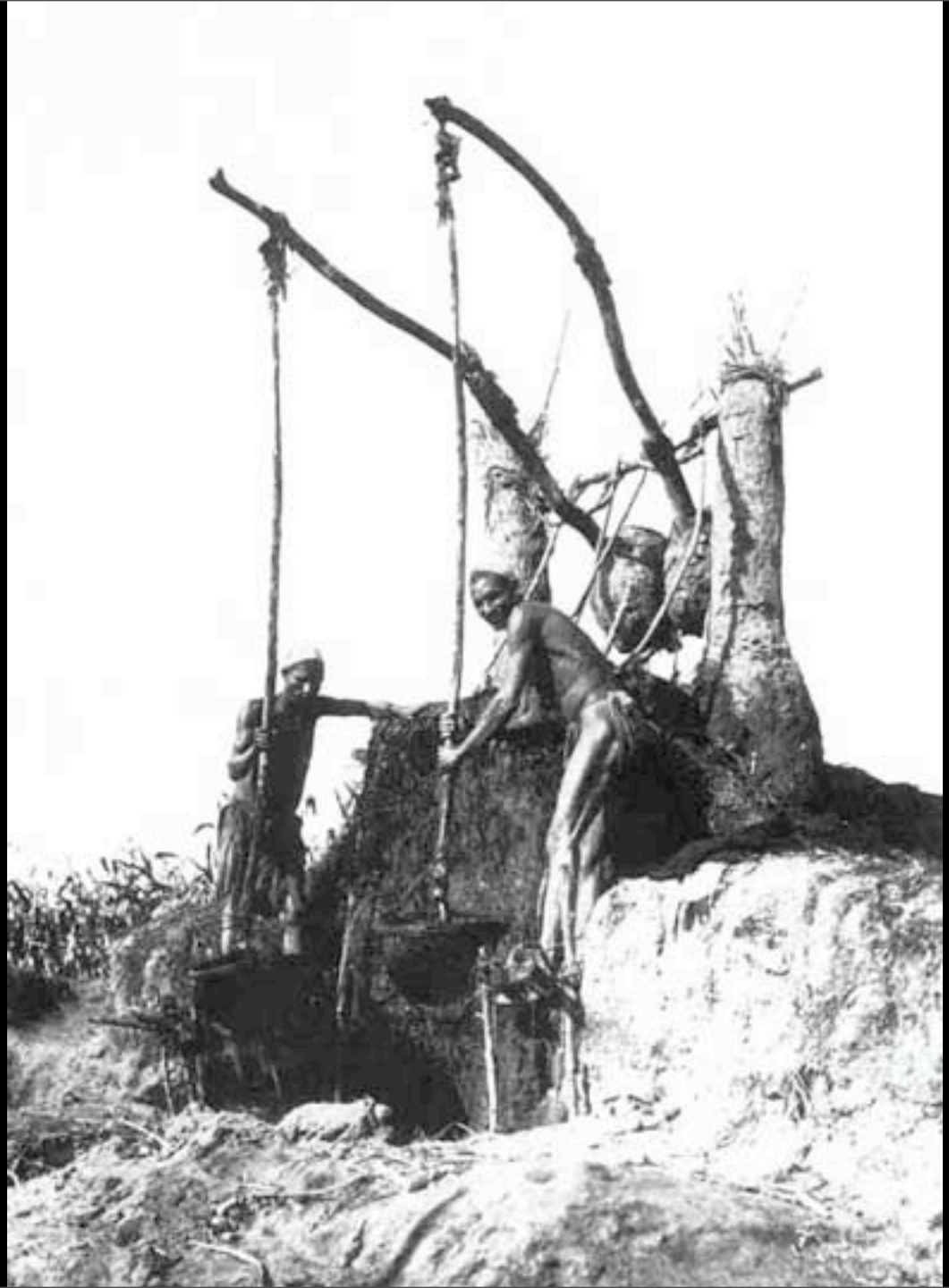










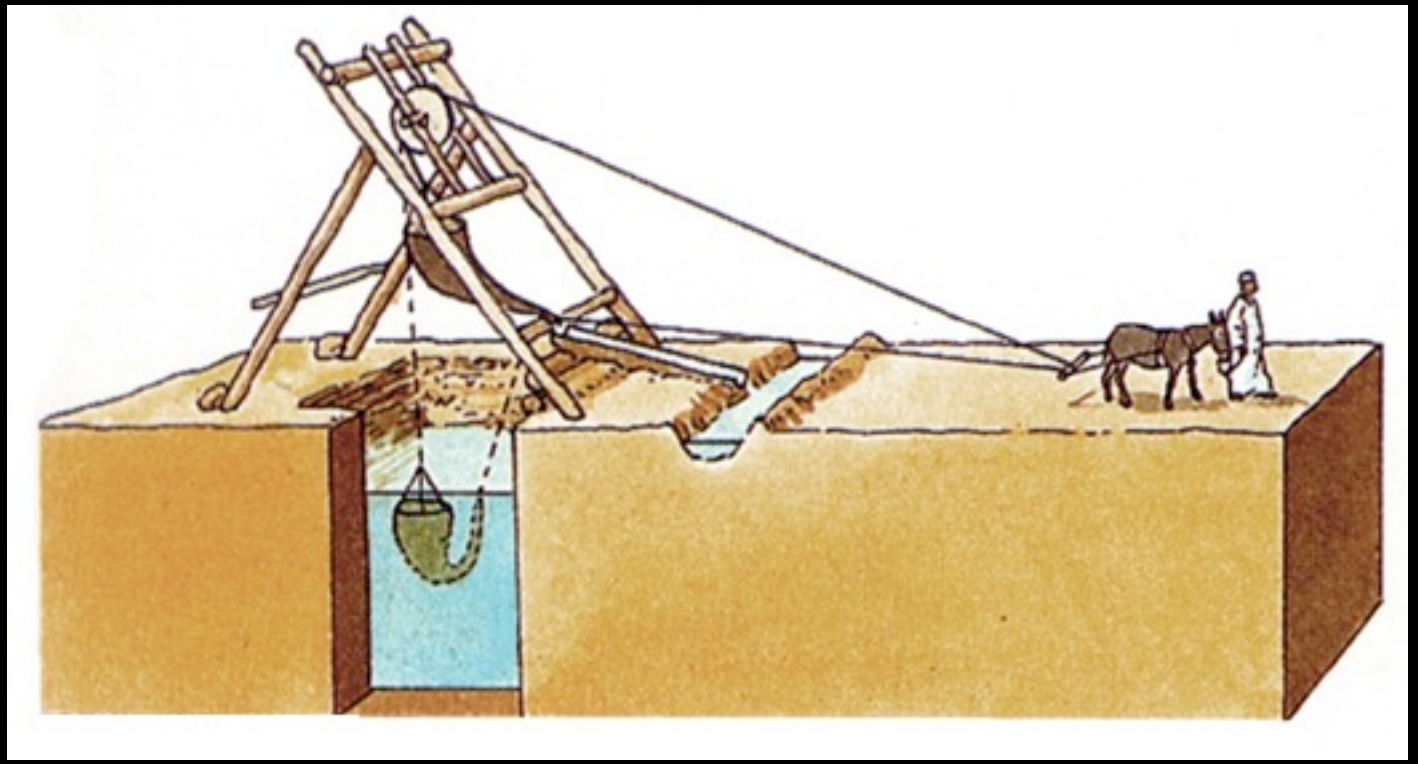


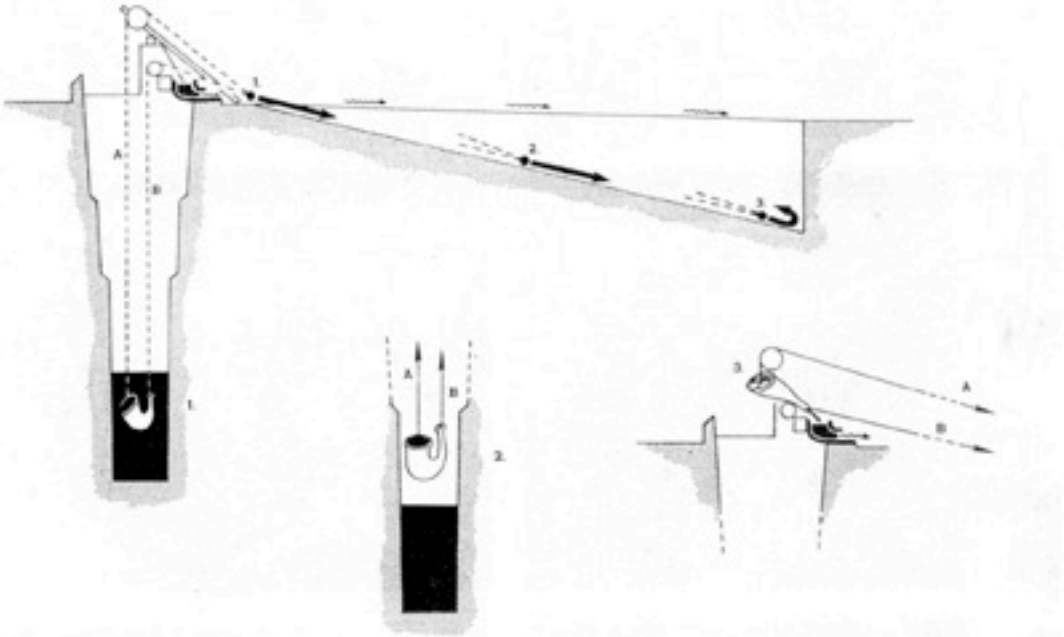


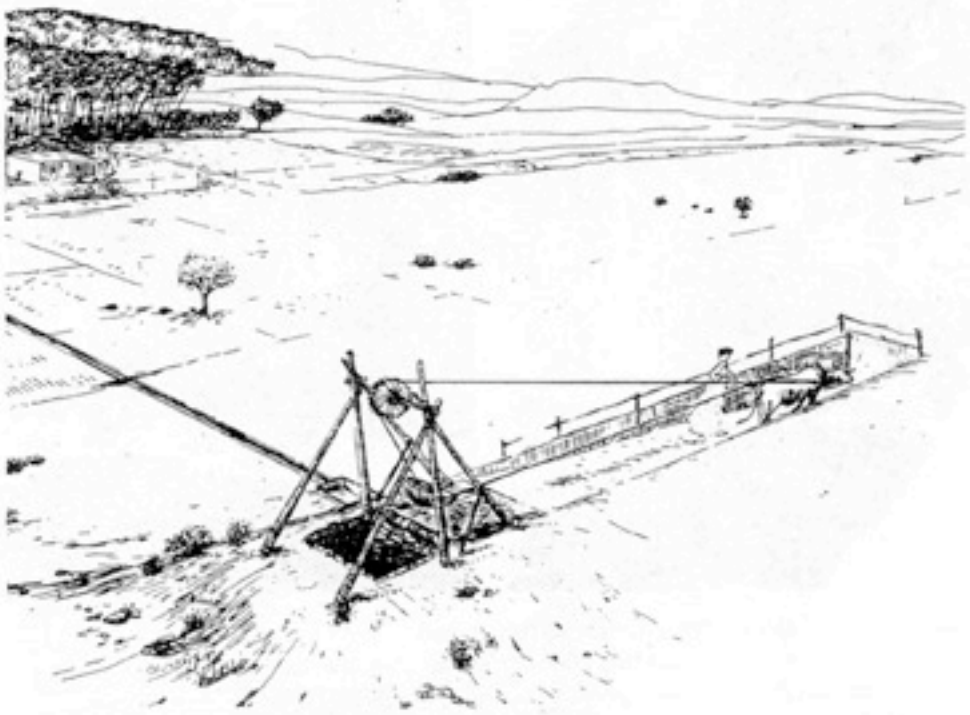








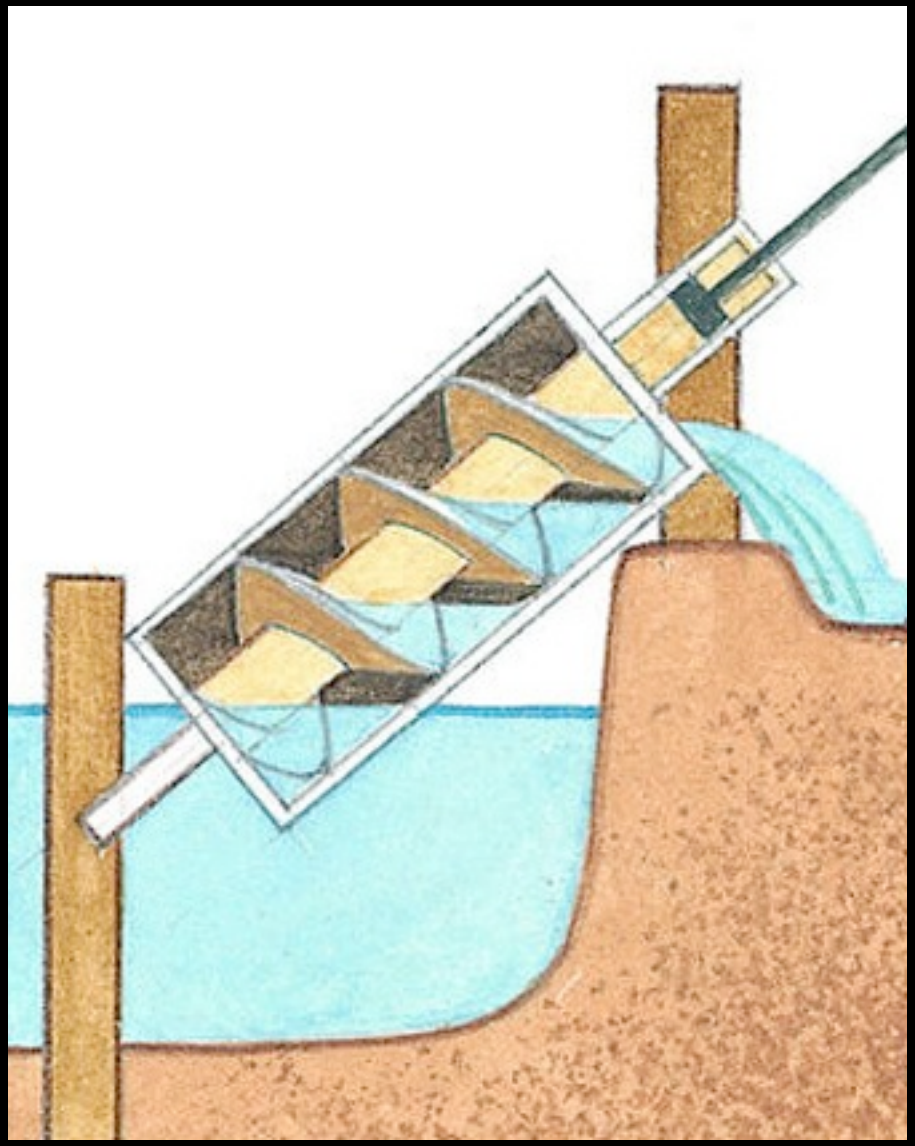

A
B
1
2
3
A
B
3
A
B
2





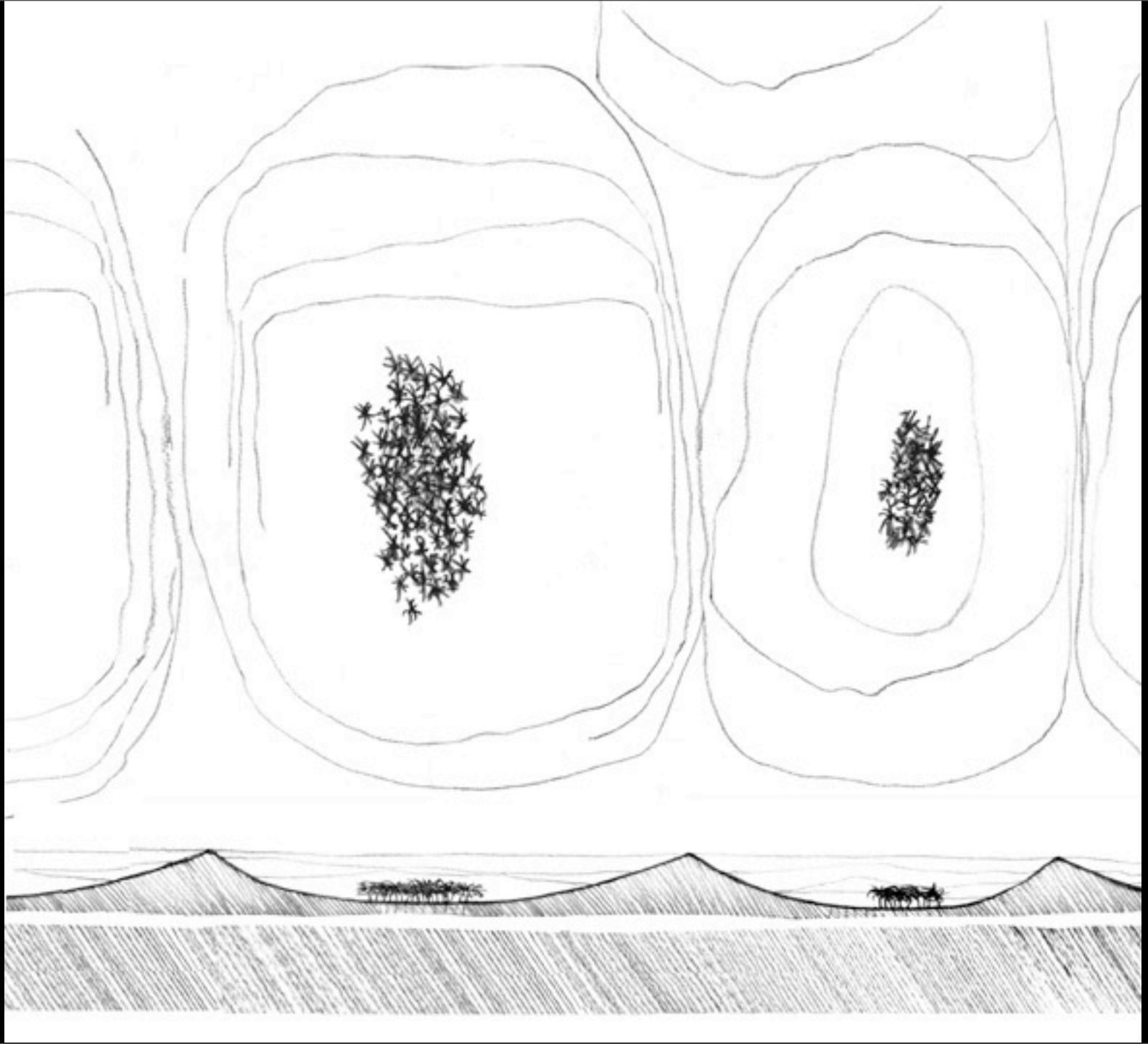




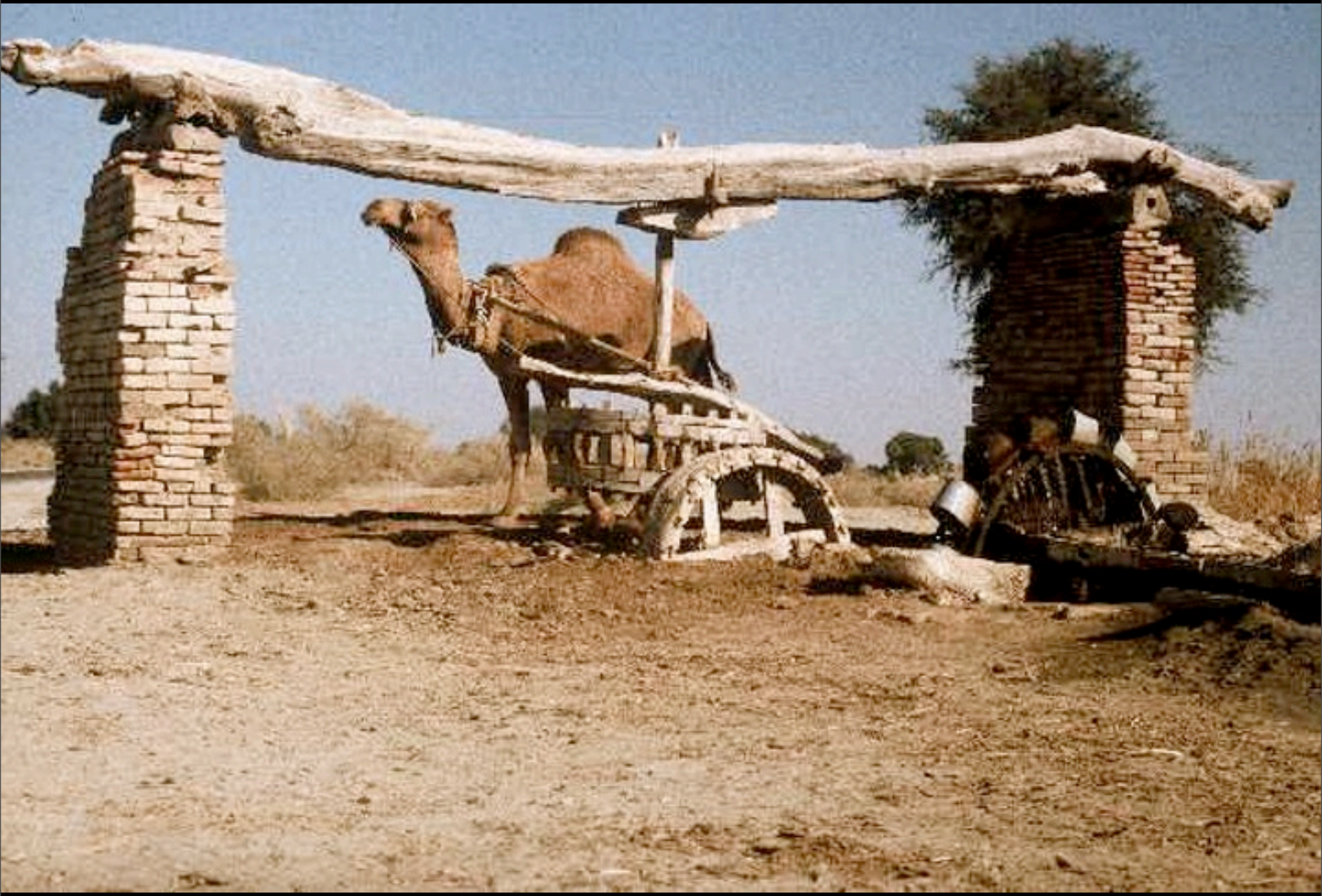















TADANO


PIU 010
5370











































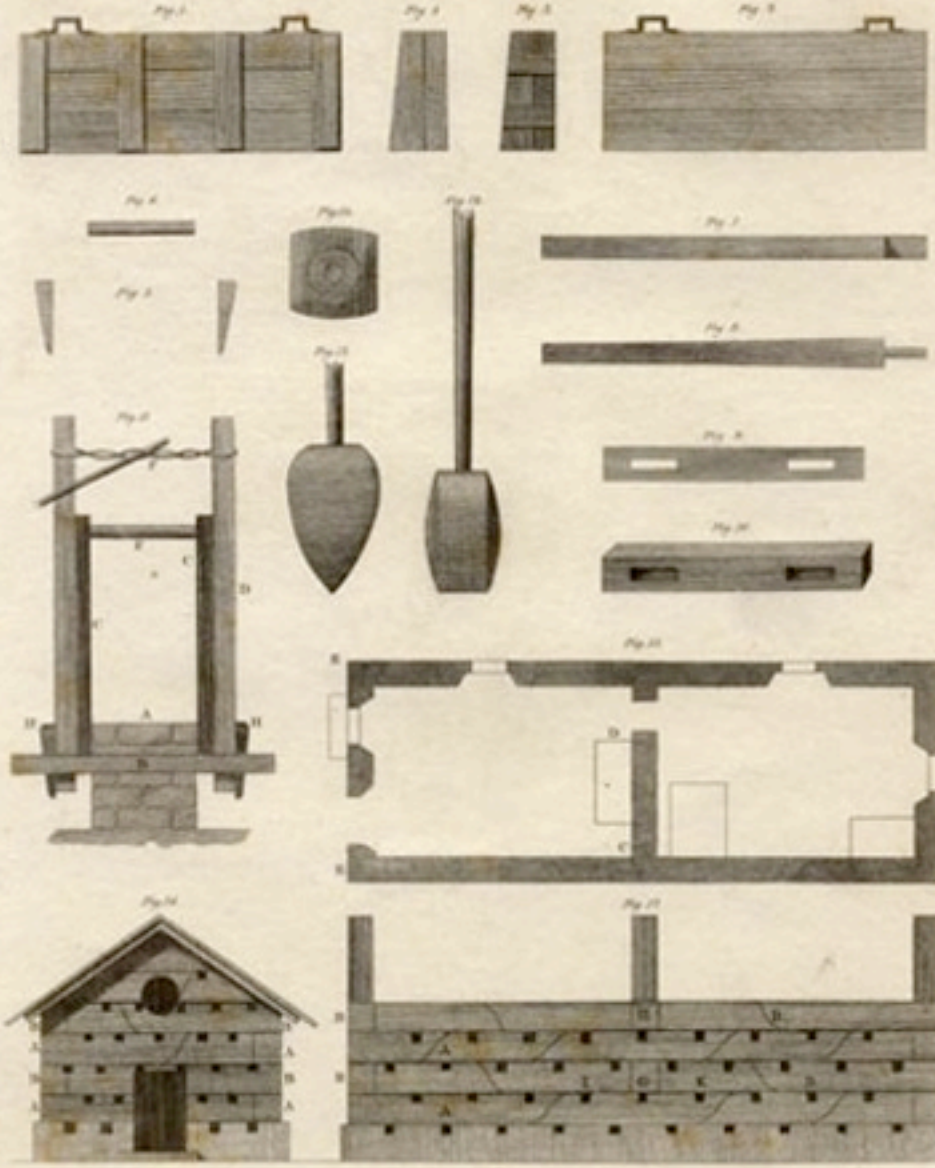




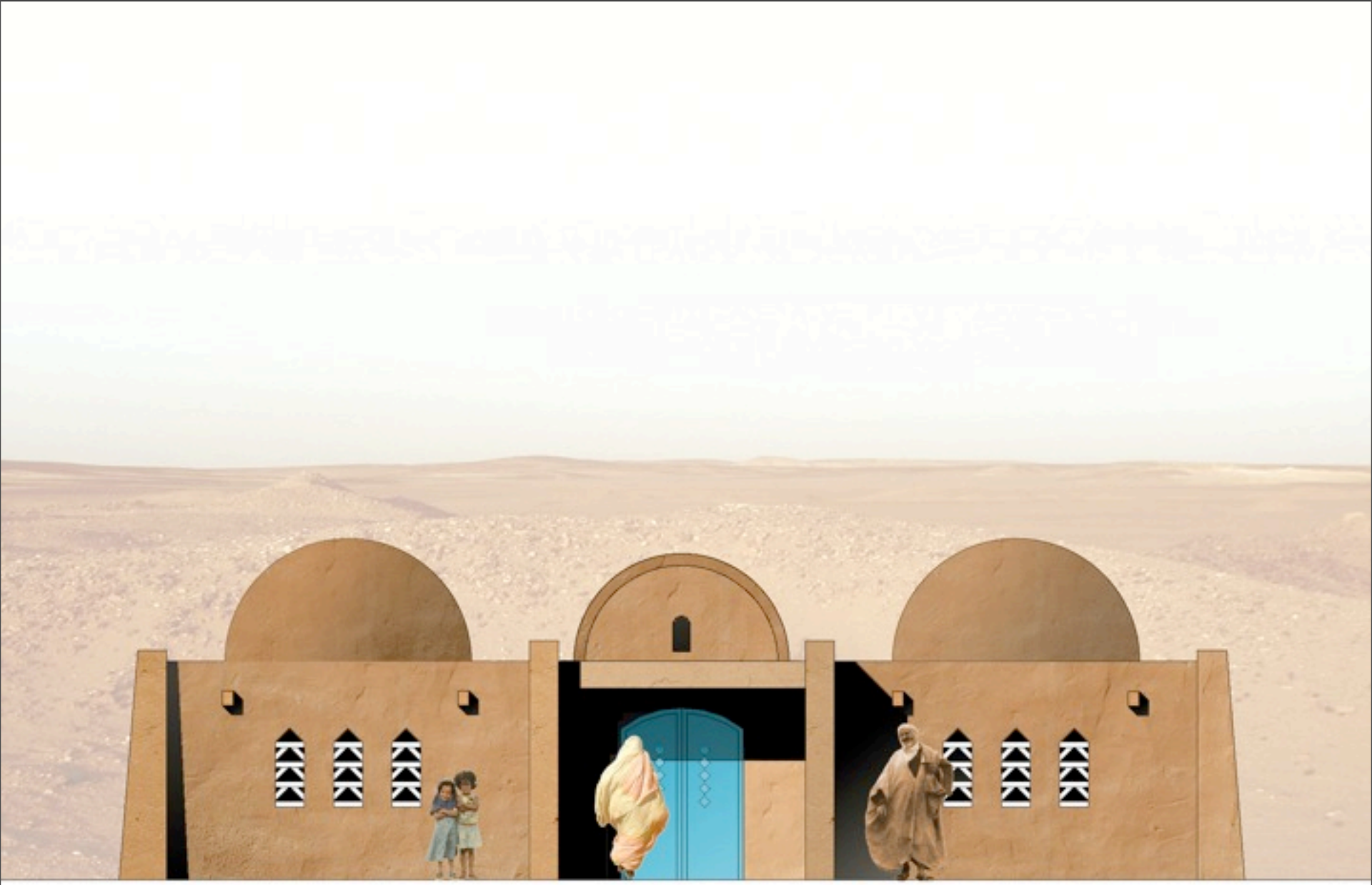

大阪湾之一景
醜狆卷中

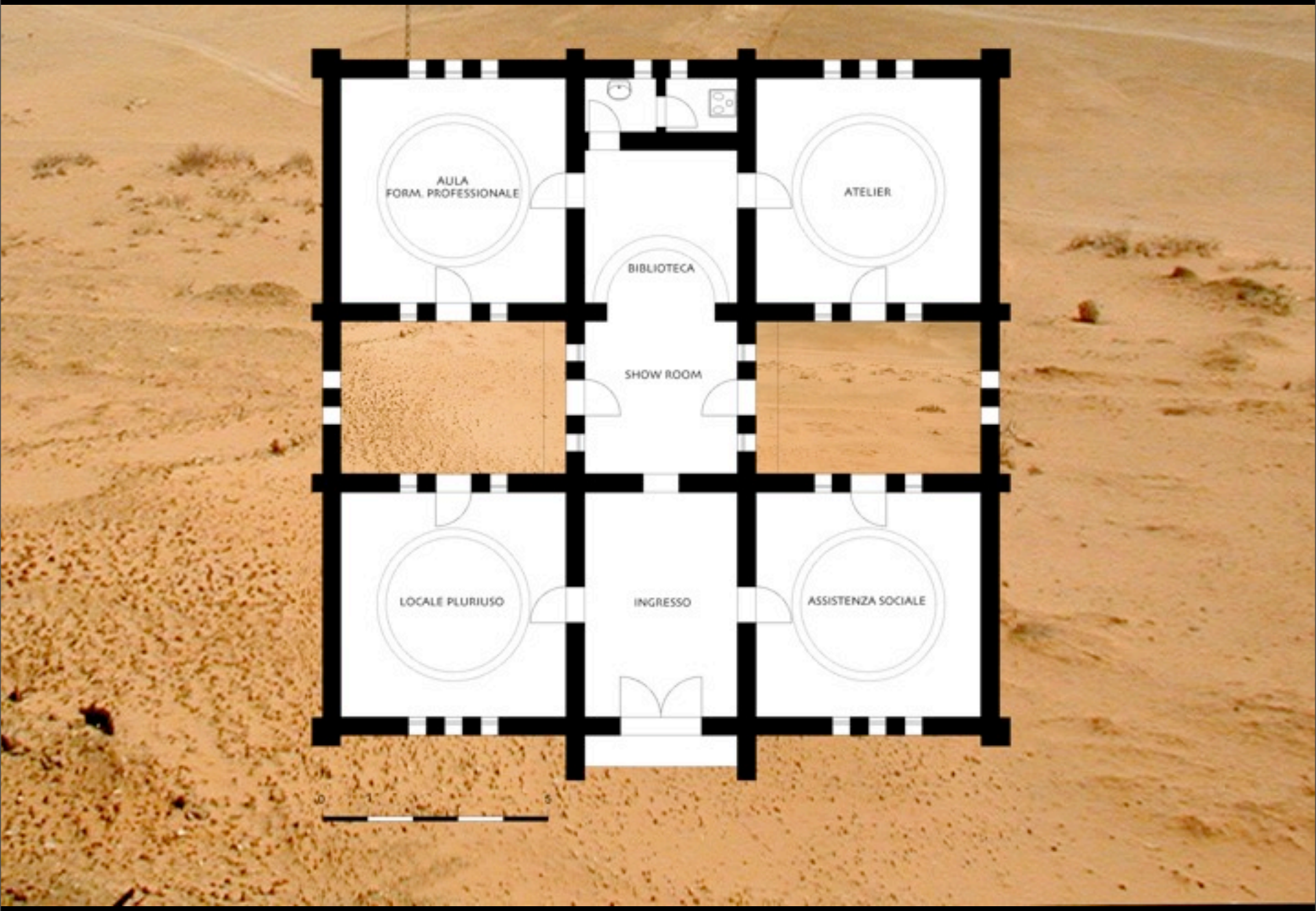
PISE

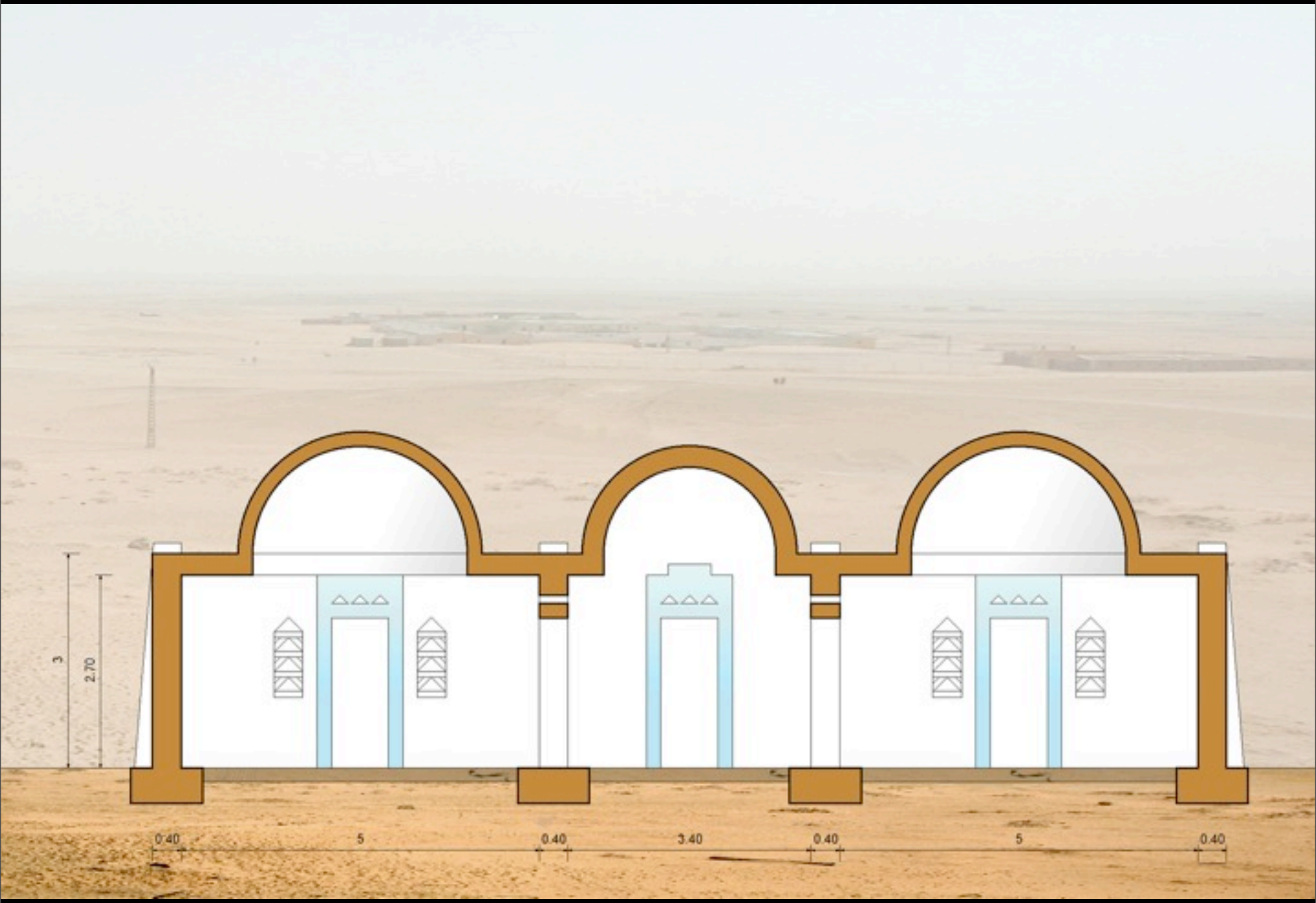
Implements for Pise or Rammed Earth Buildings





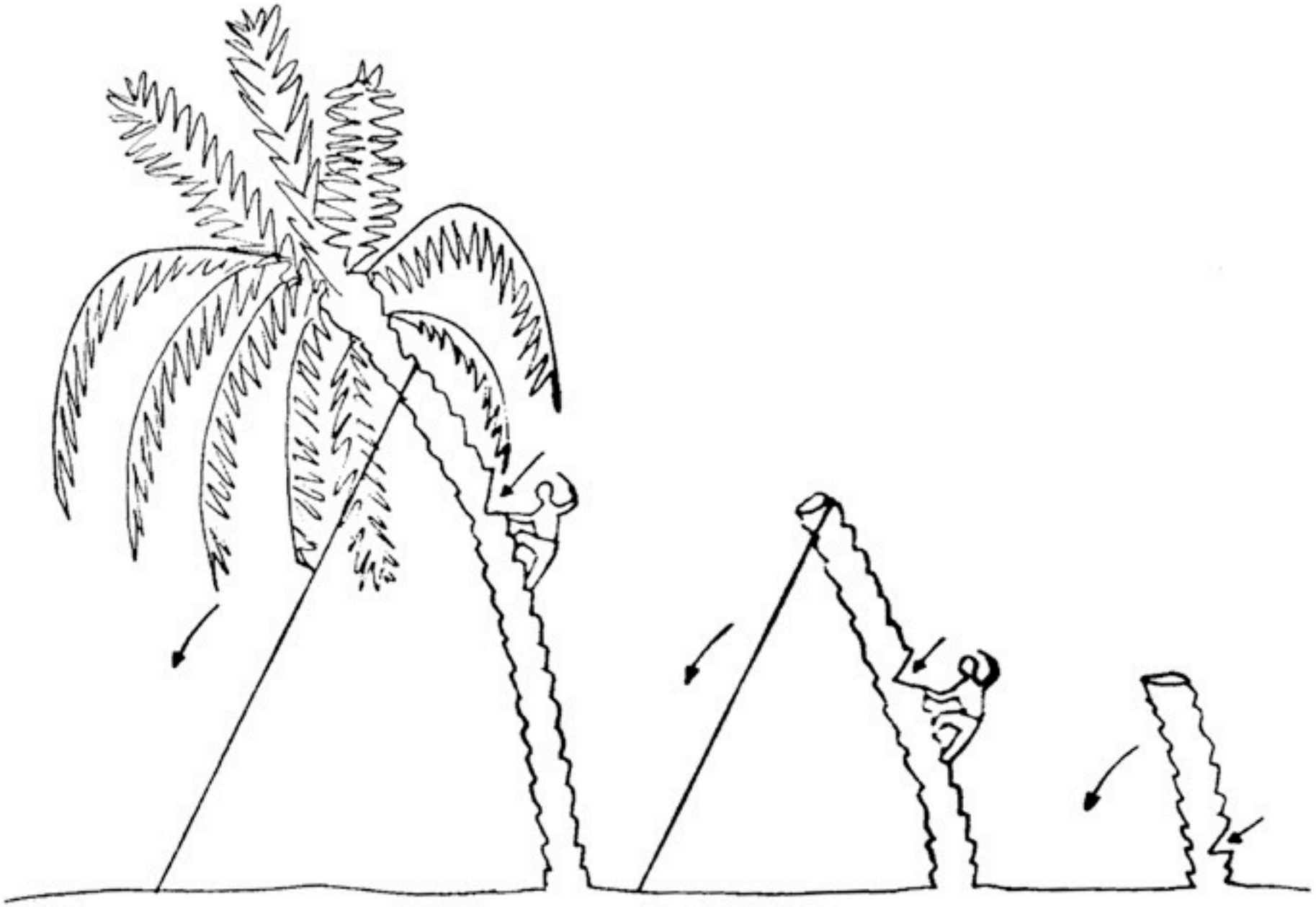



AULA
FORM. PROFESSIONALE
BIBLIOTECA
ATELIER
SHOW ROOM
LOCALE PLURIUSO
INGRESSO
ASSISTENZA SOCIALE
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5

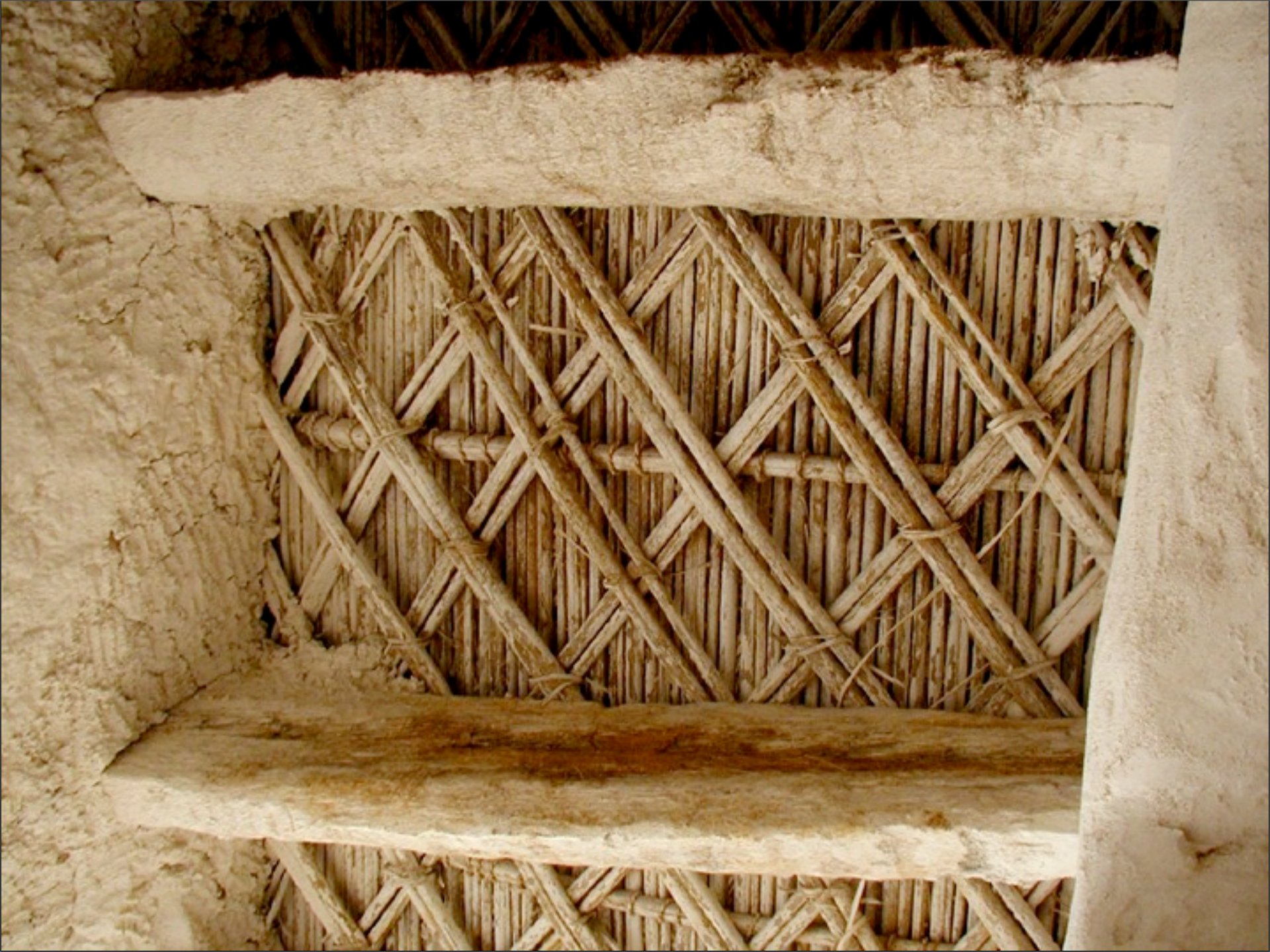

3
2.70
0.40
5
0.40
3.40
0.40
5
0.40





























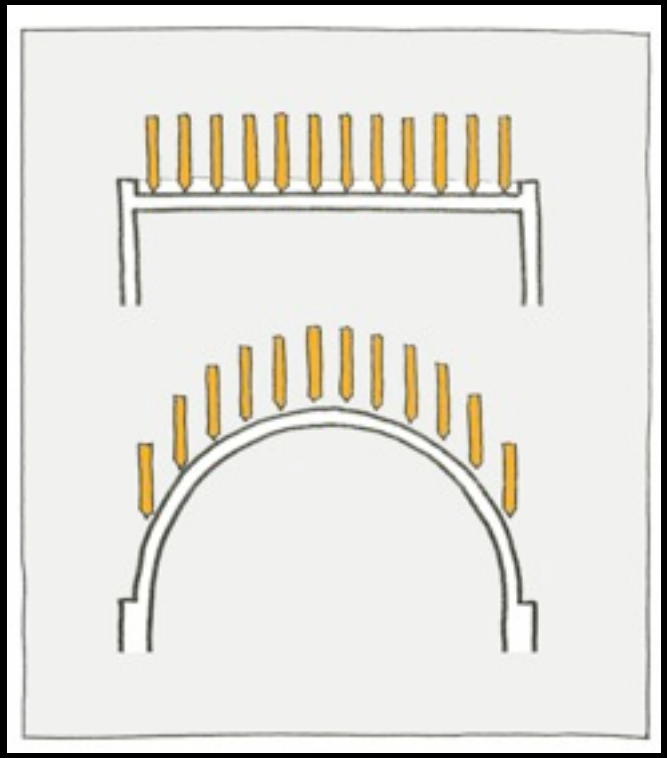


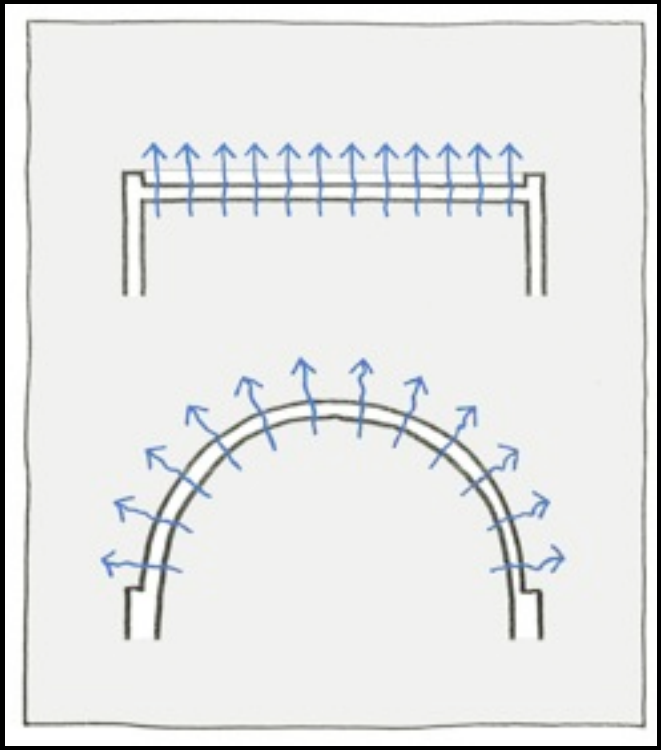


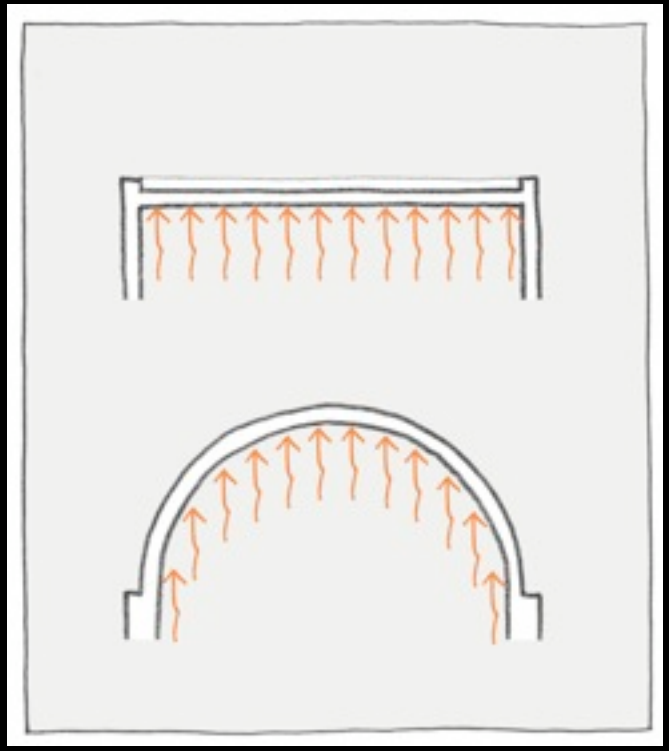


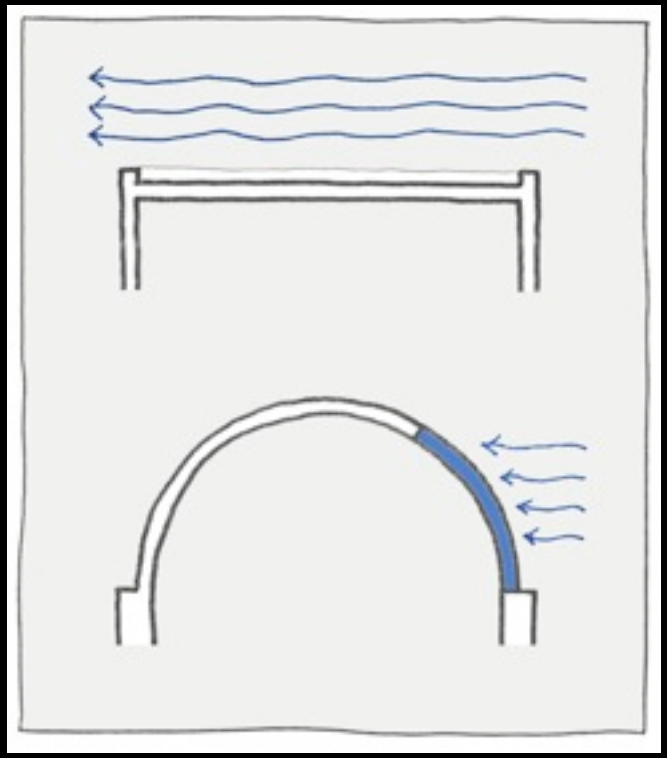


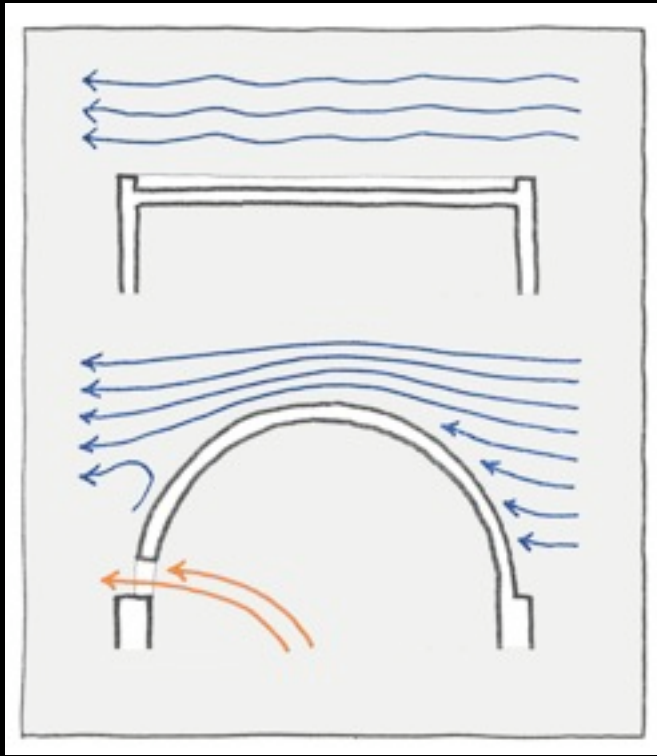


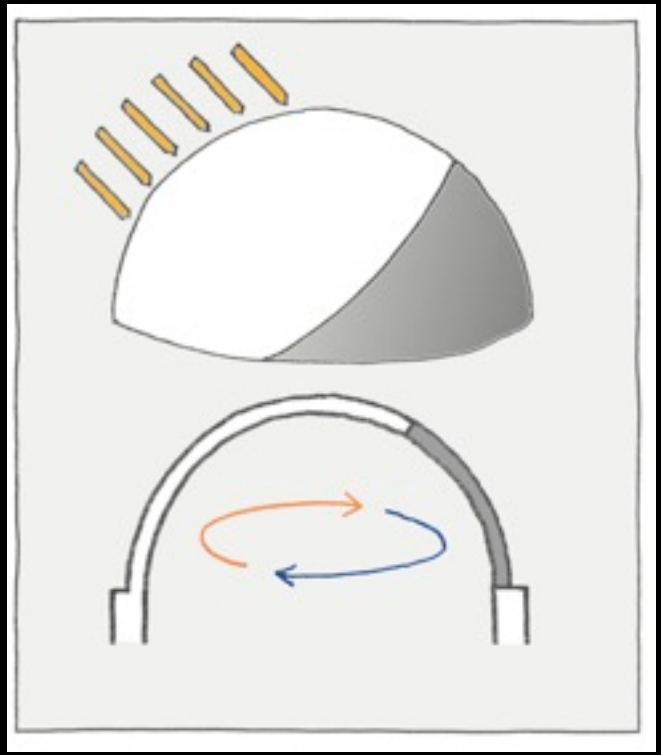










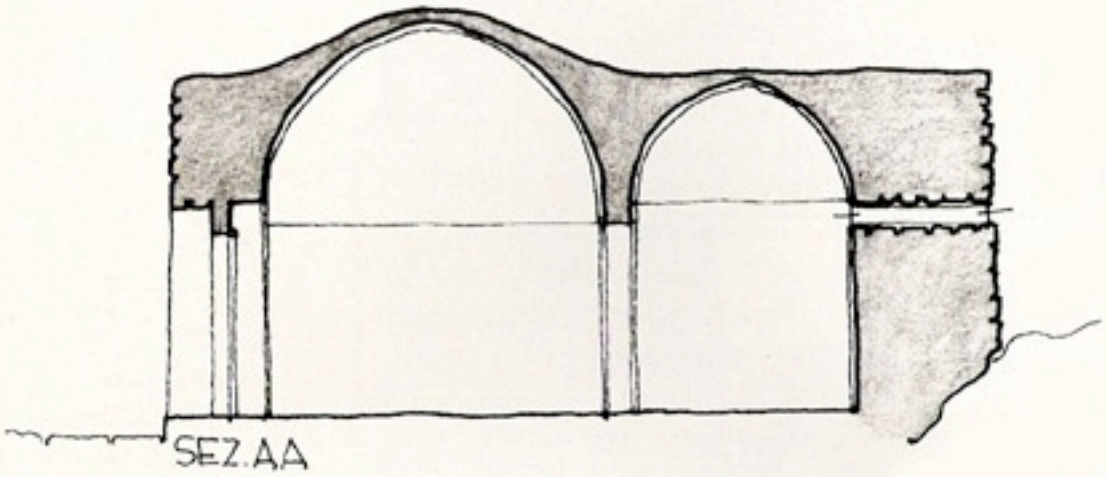


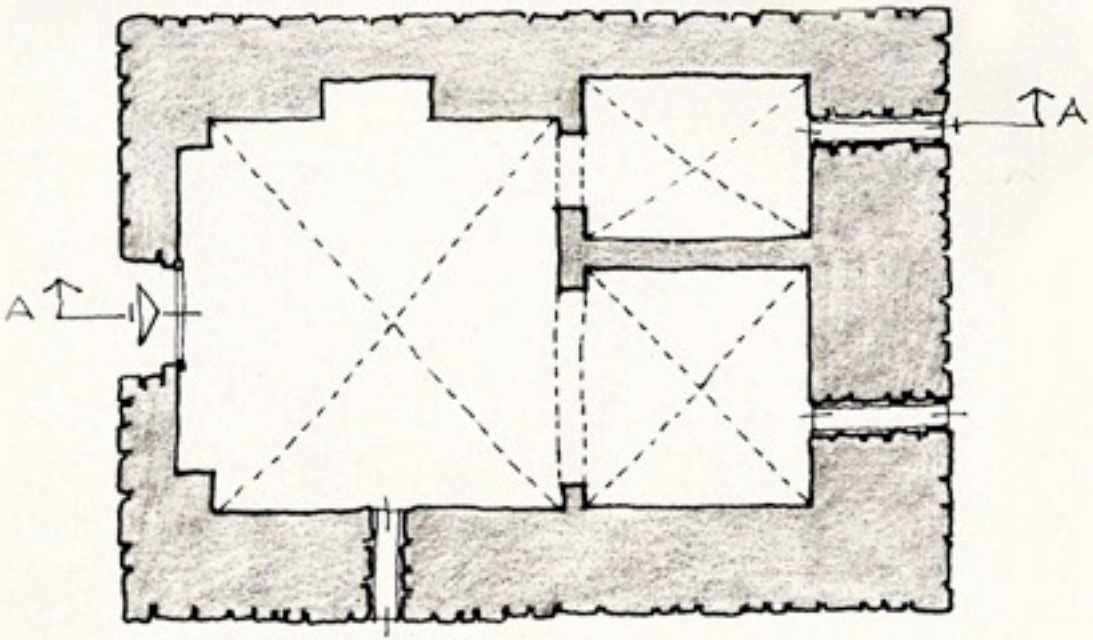


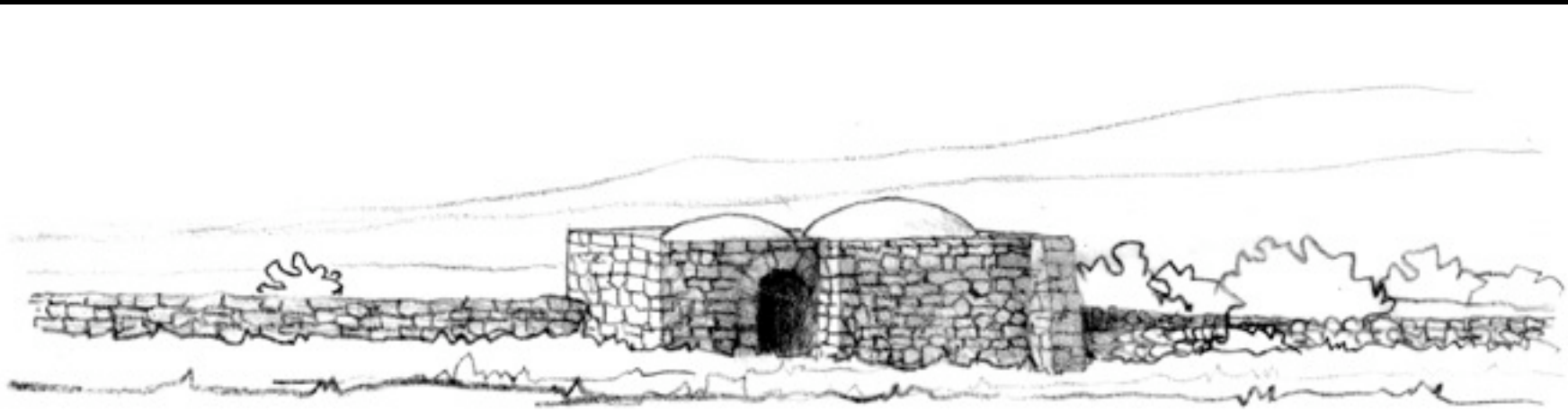


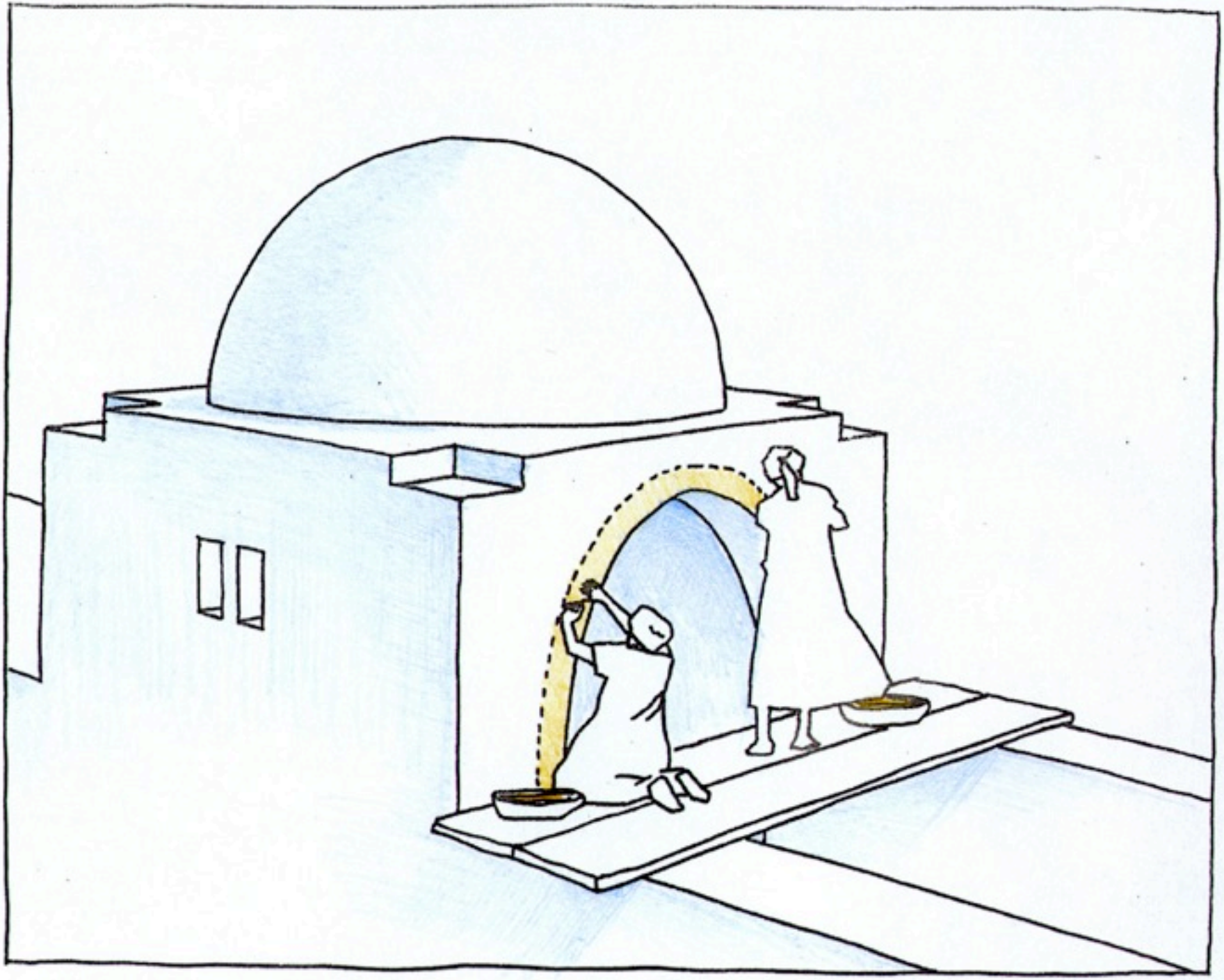


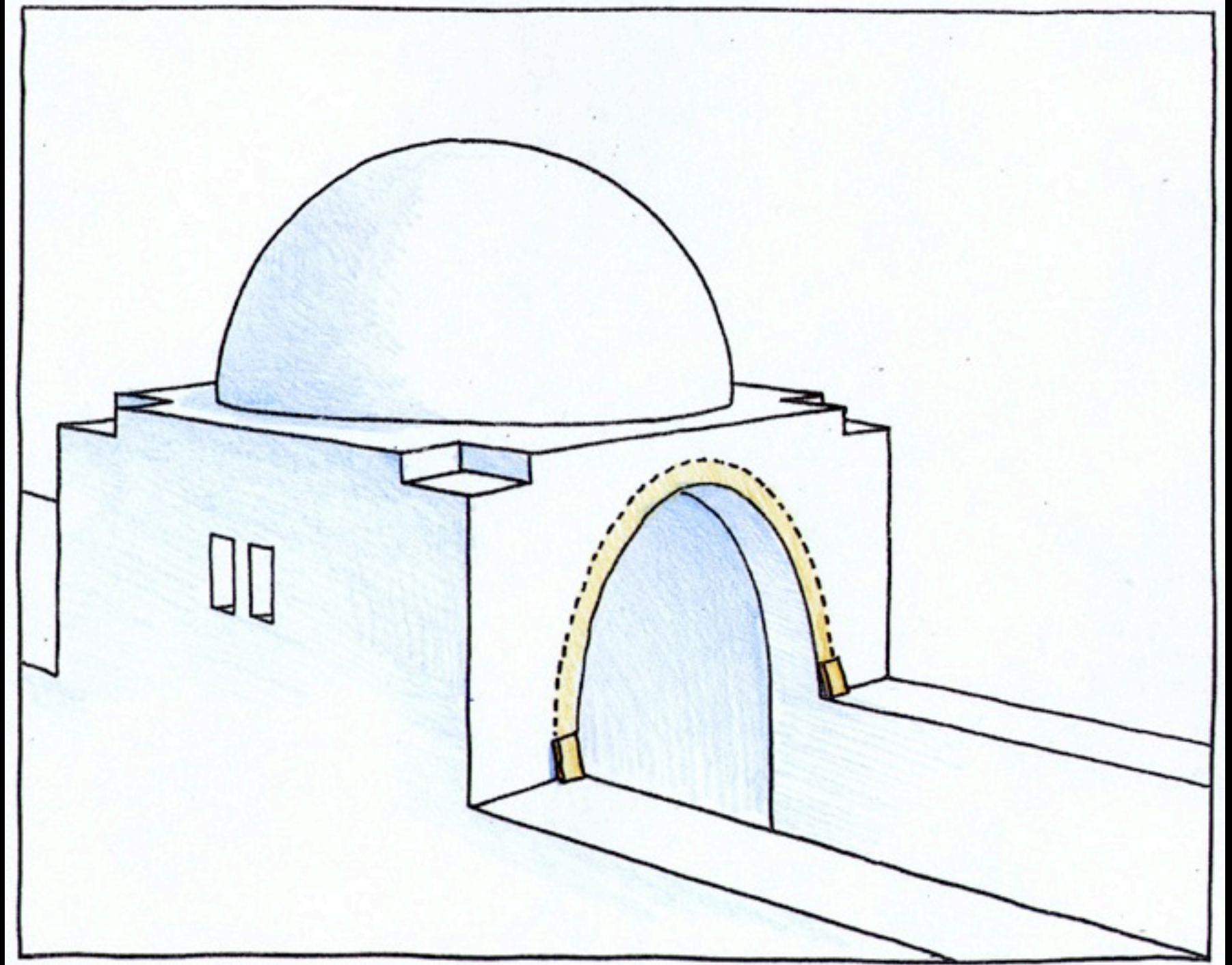


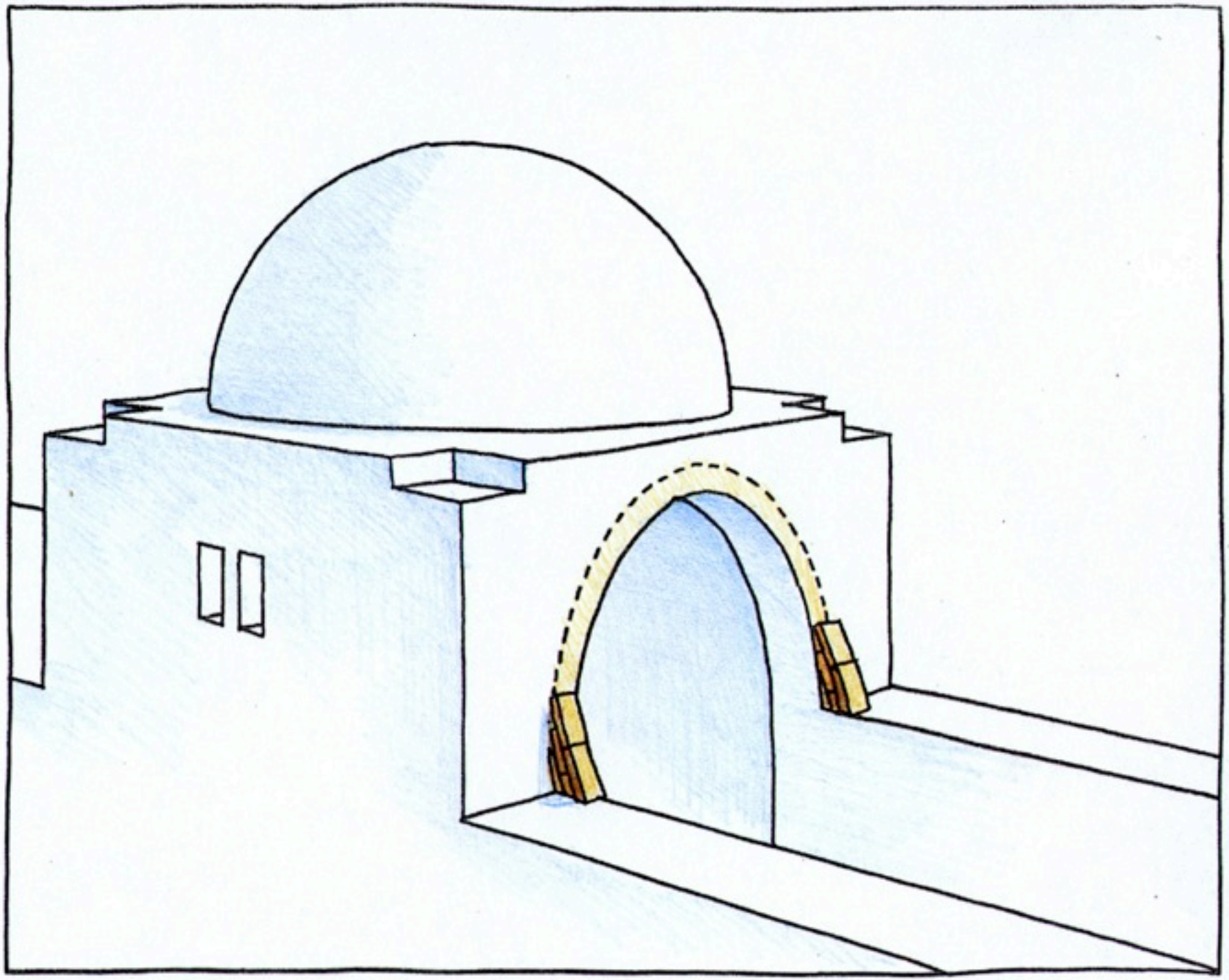

SEZ. AA

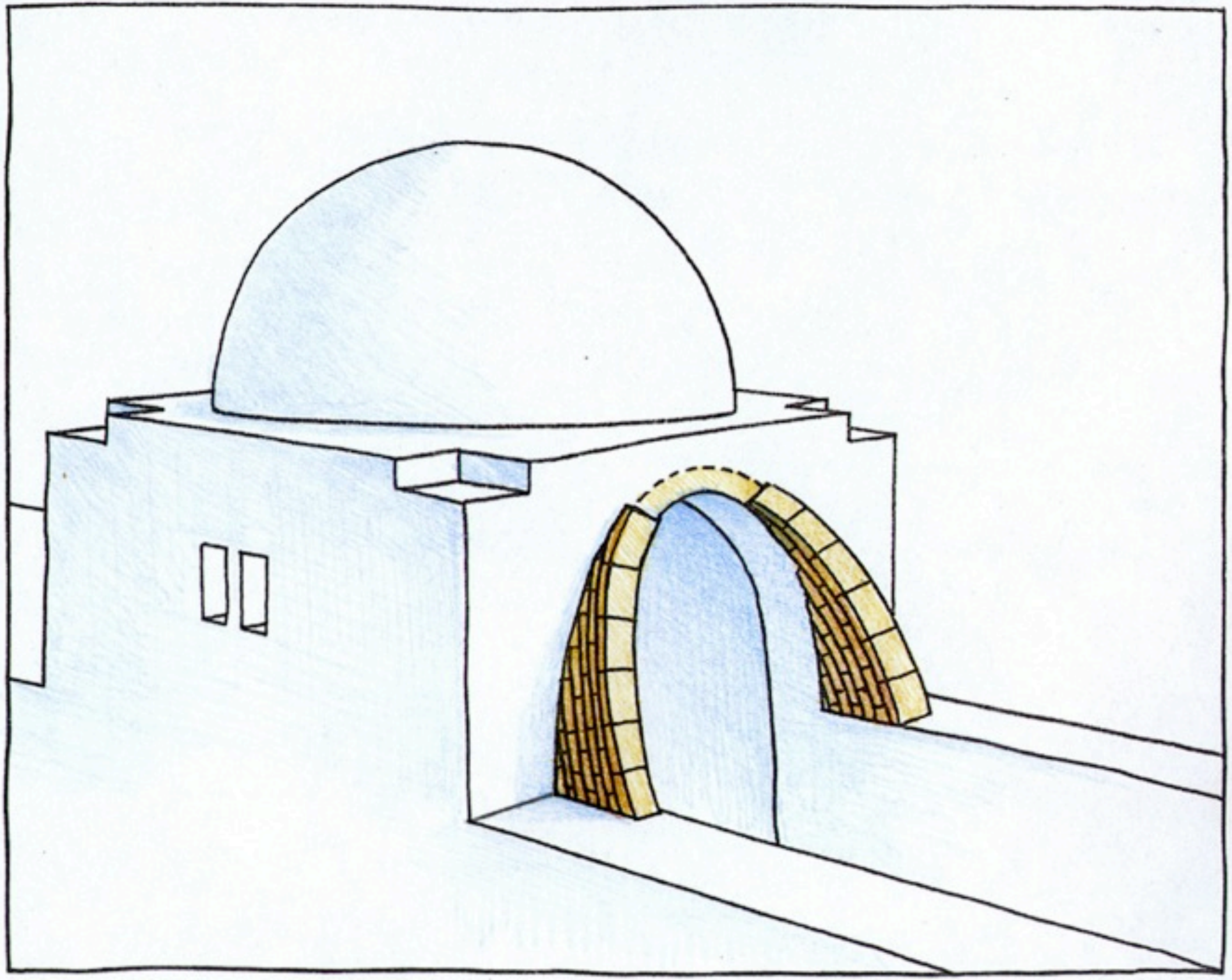

A
A

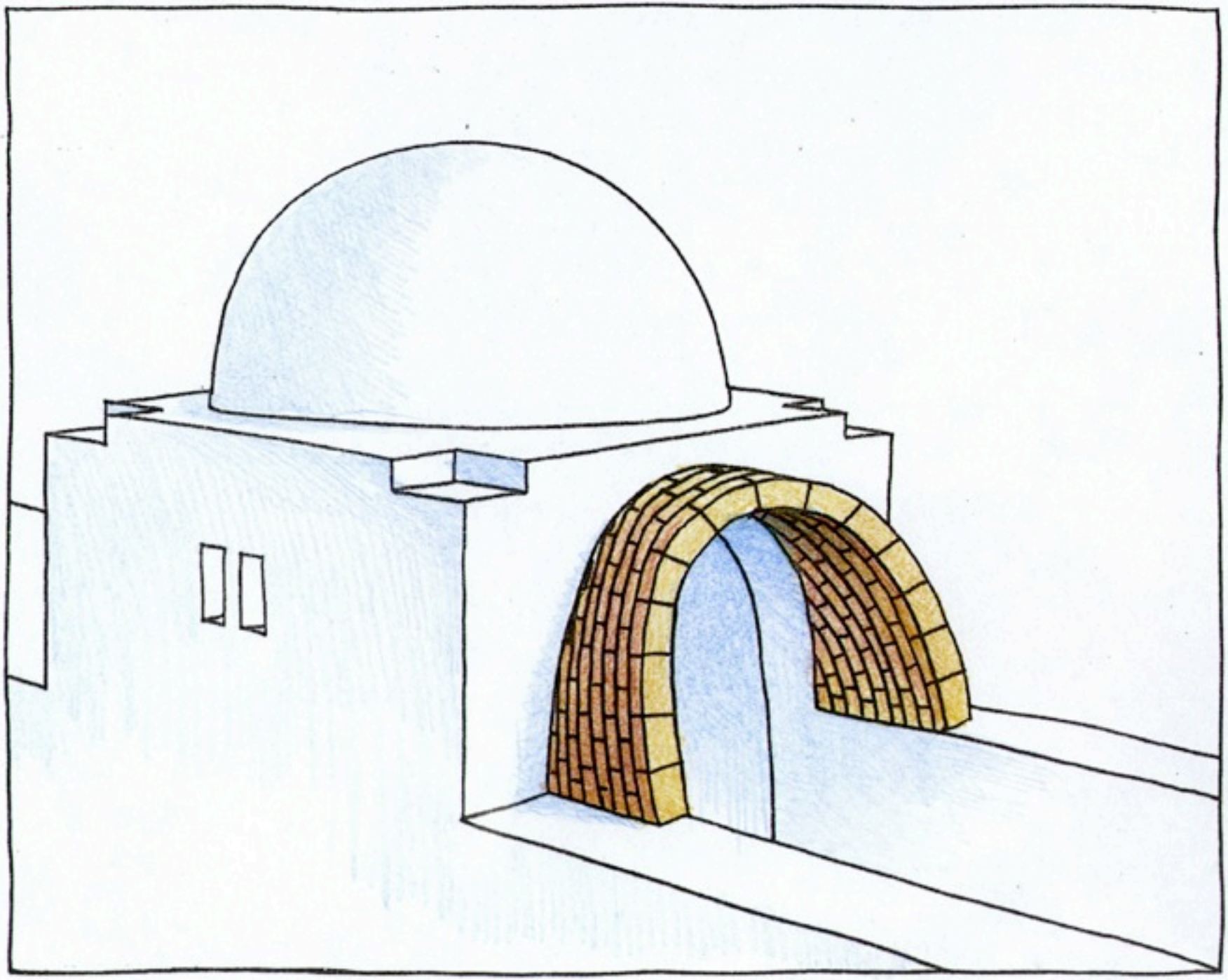


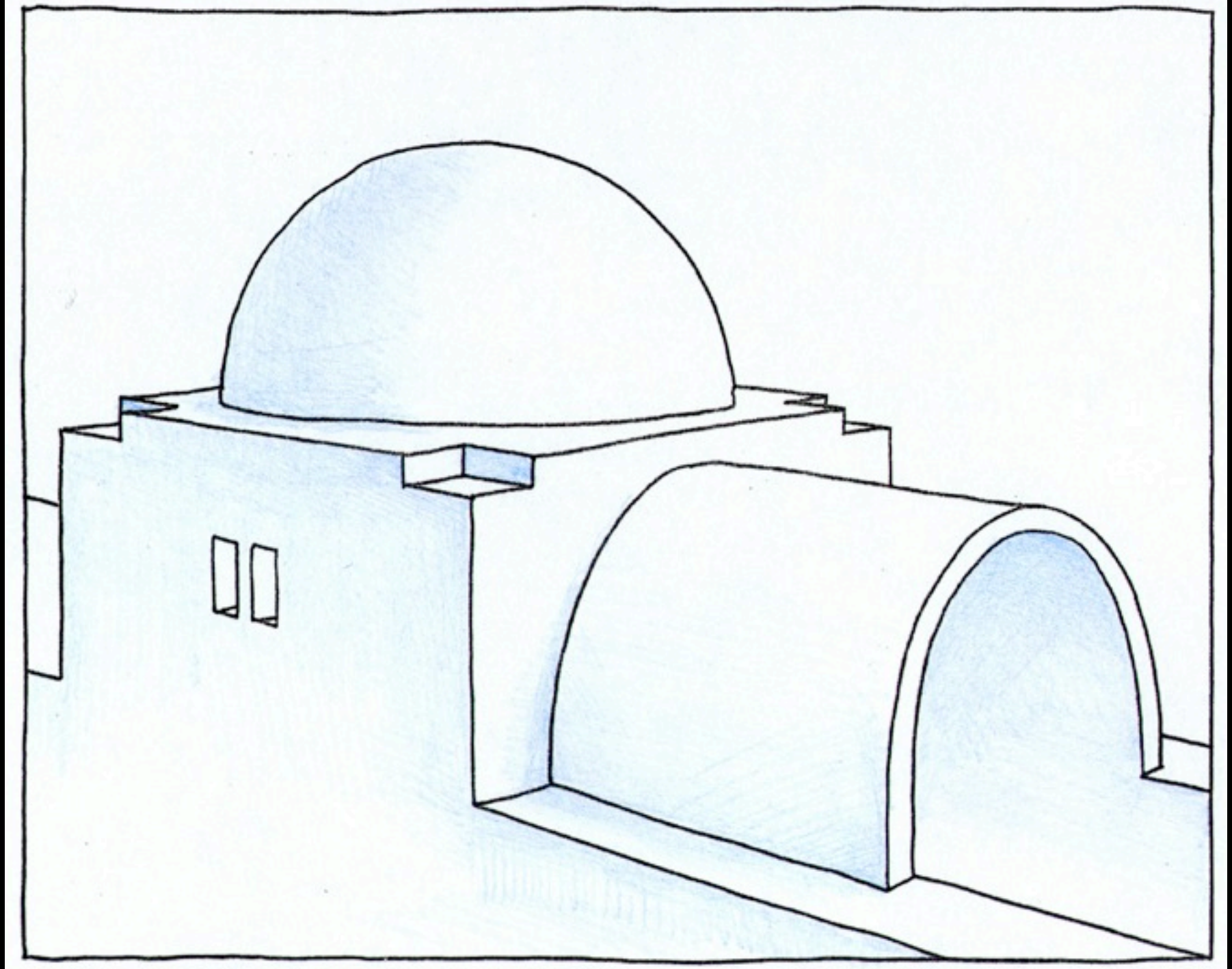
































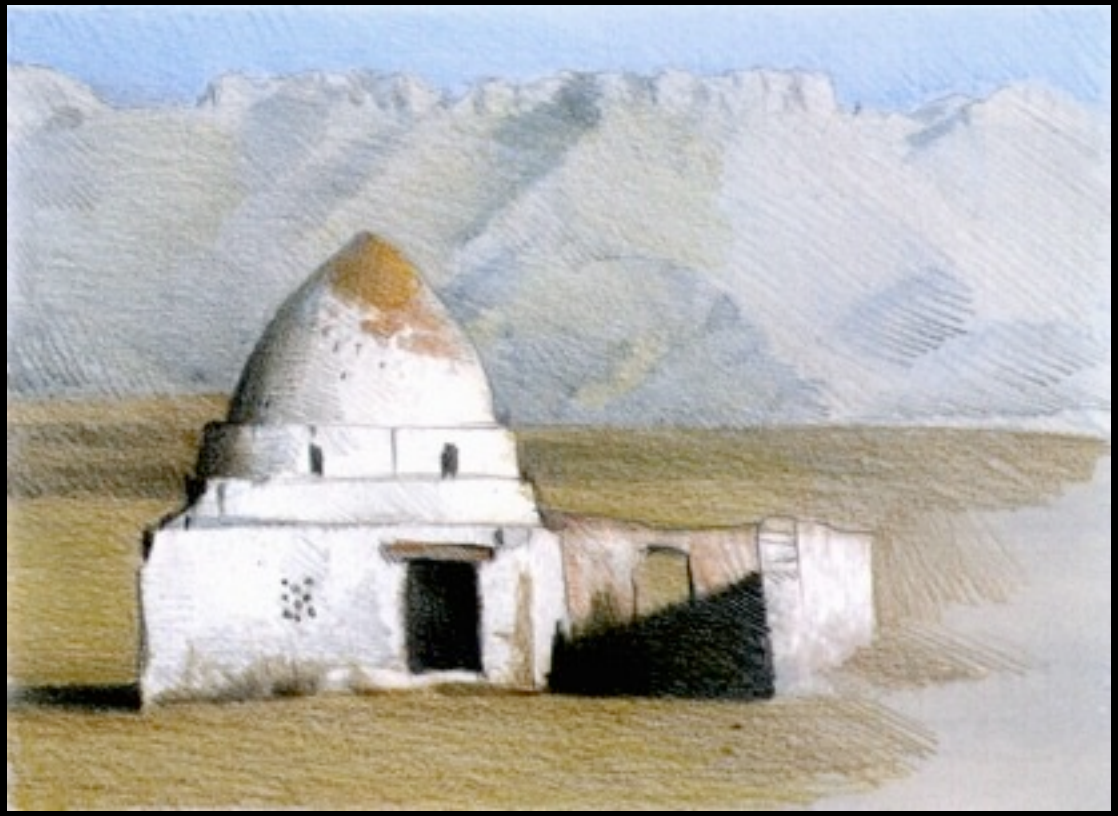






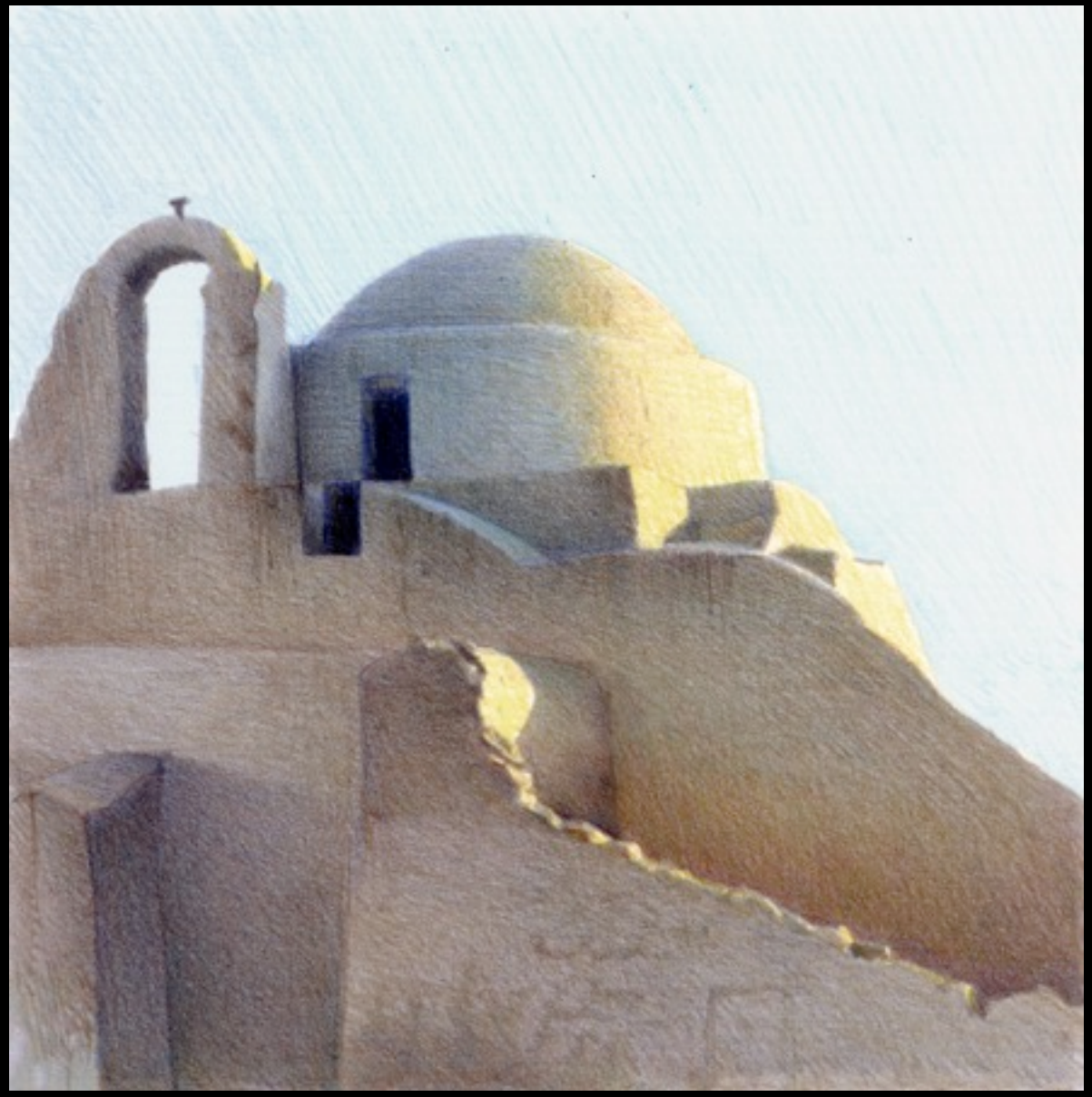



















113





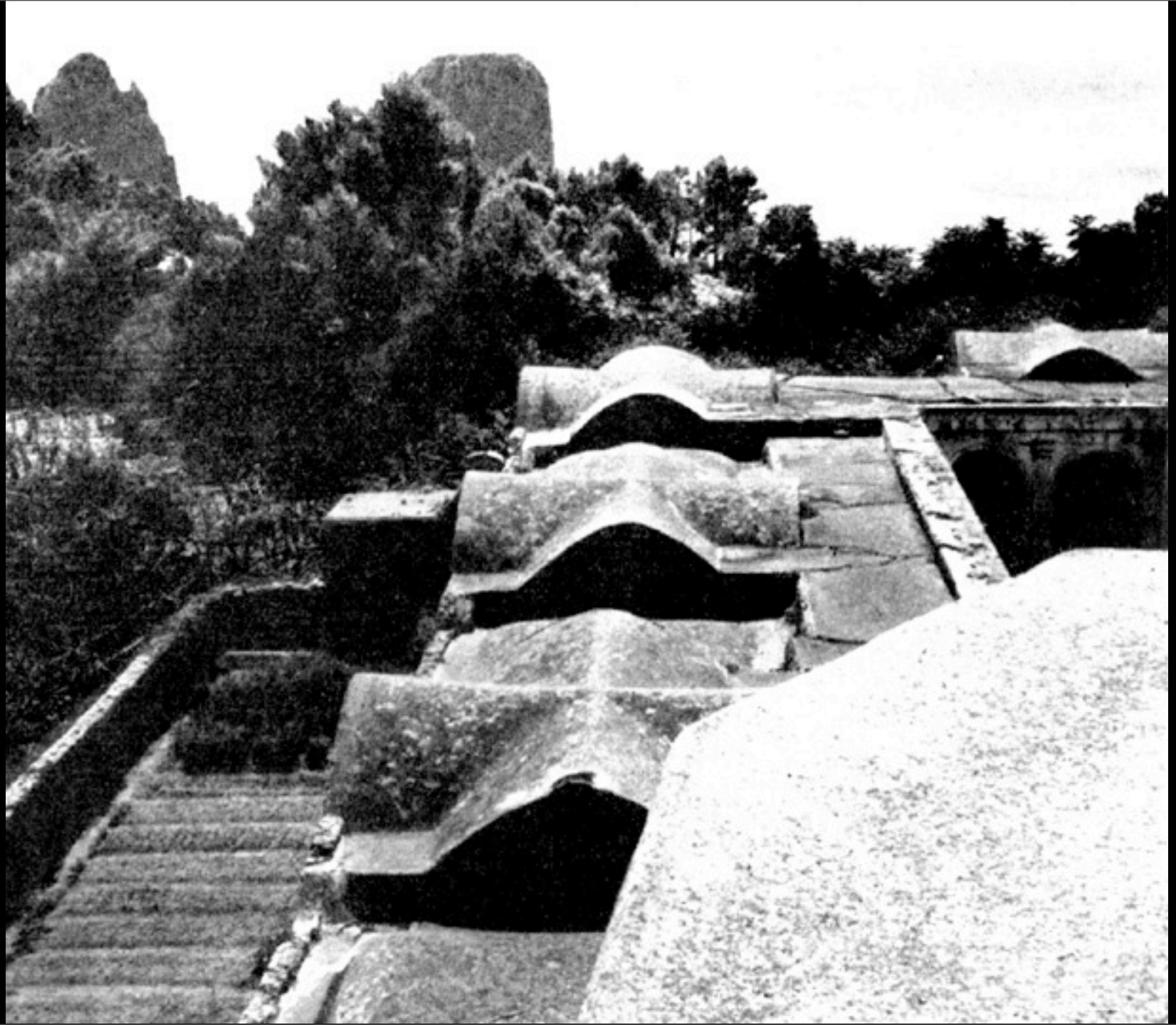






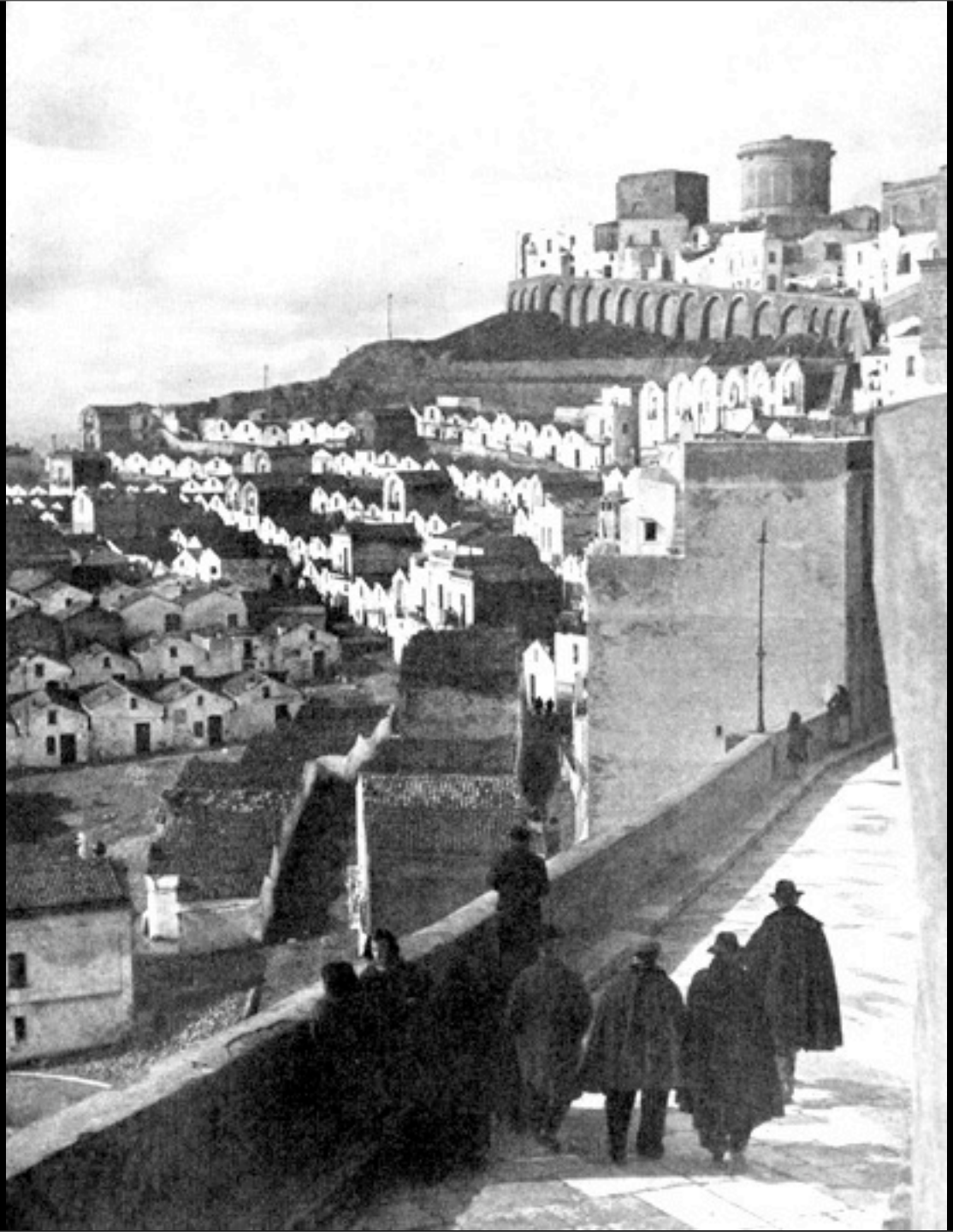



GROTIUS

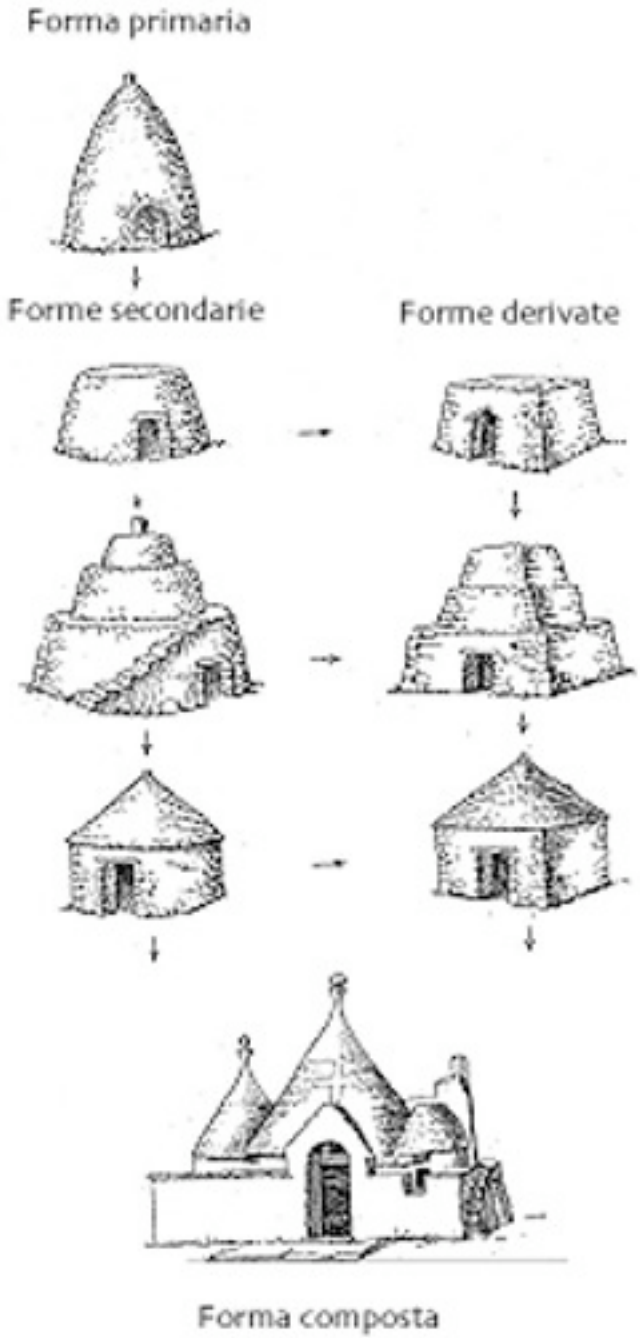











Forma primaria
Forme secondarie
Forme derivate
Forma composta



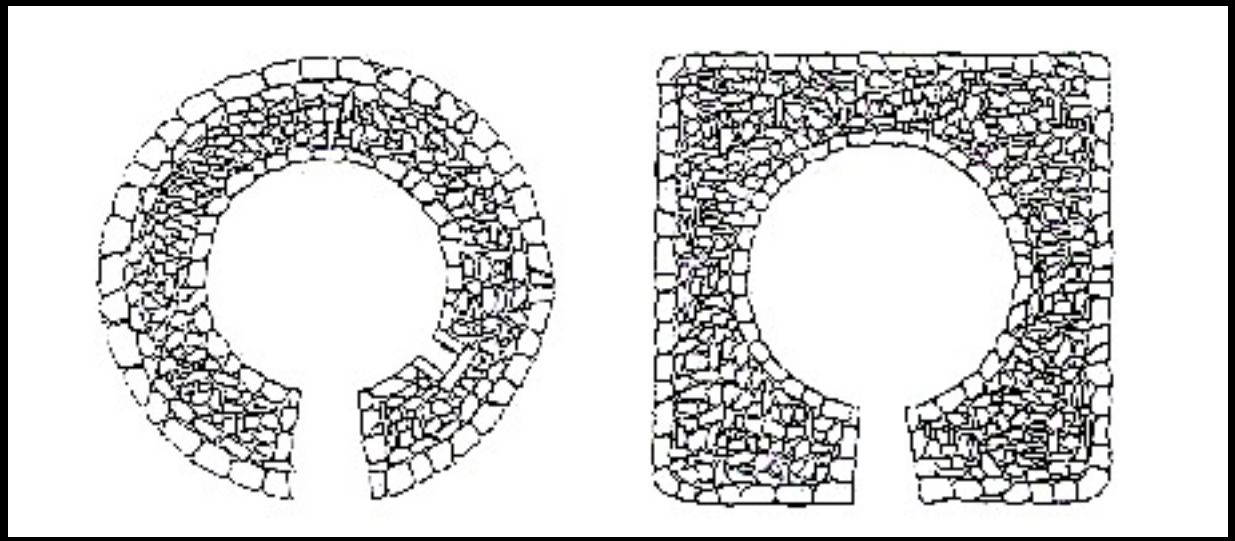


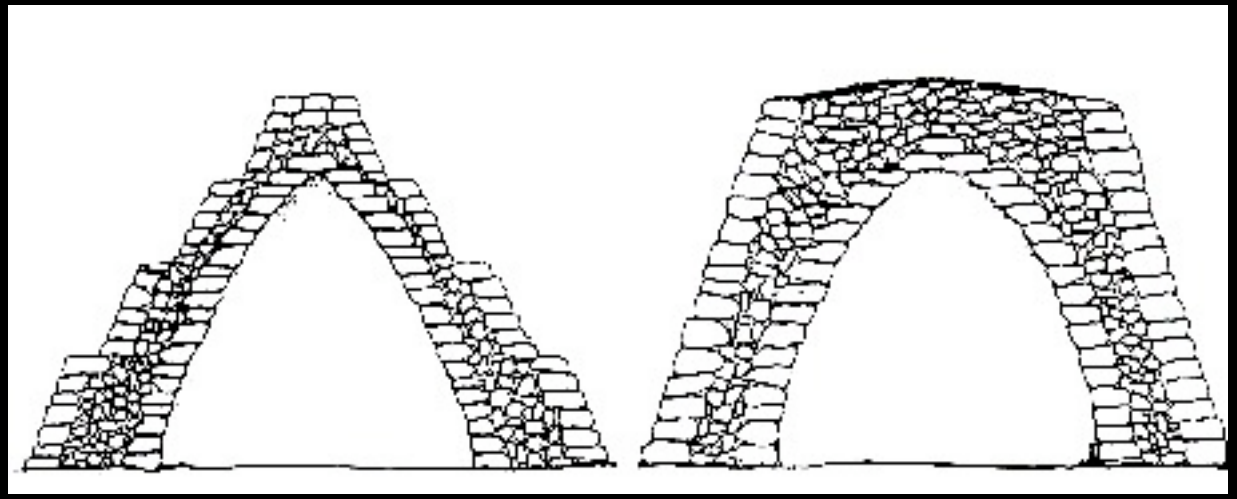








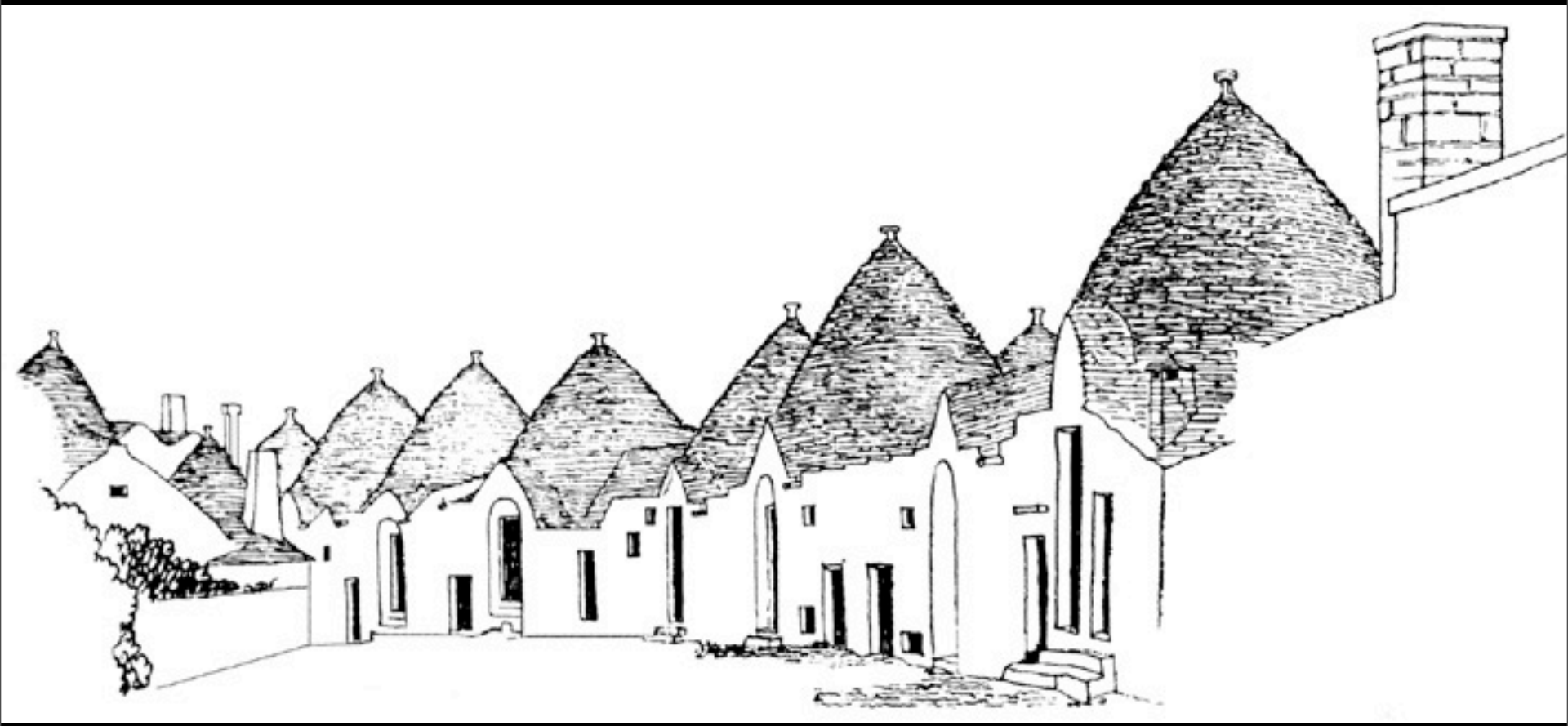






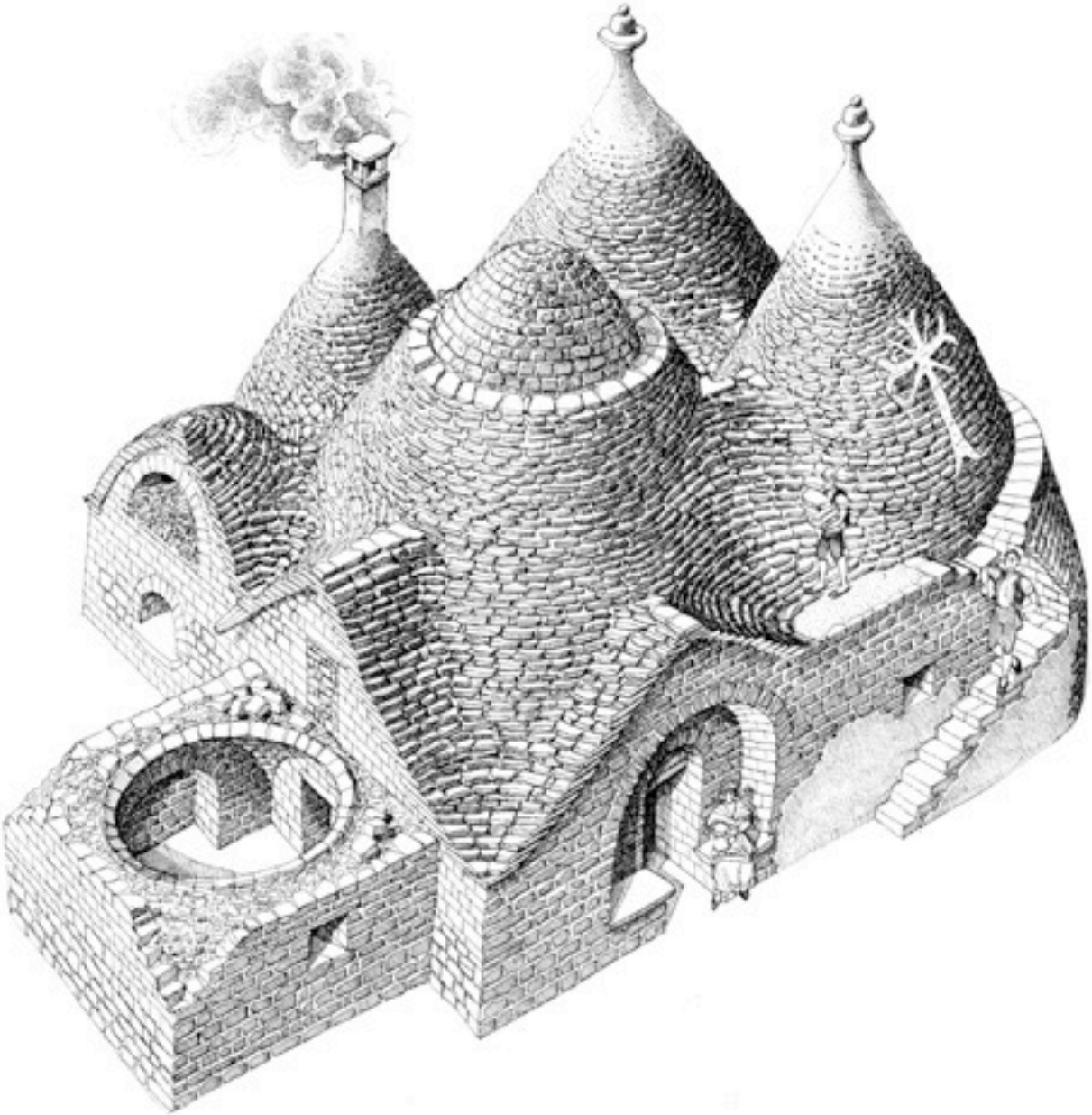


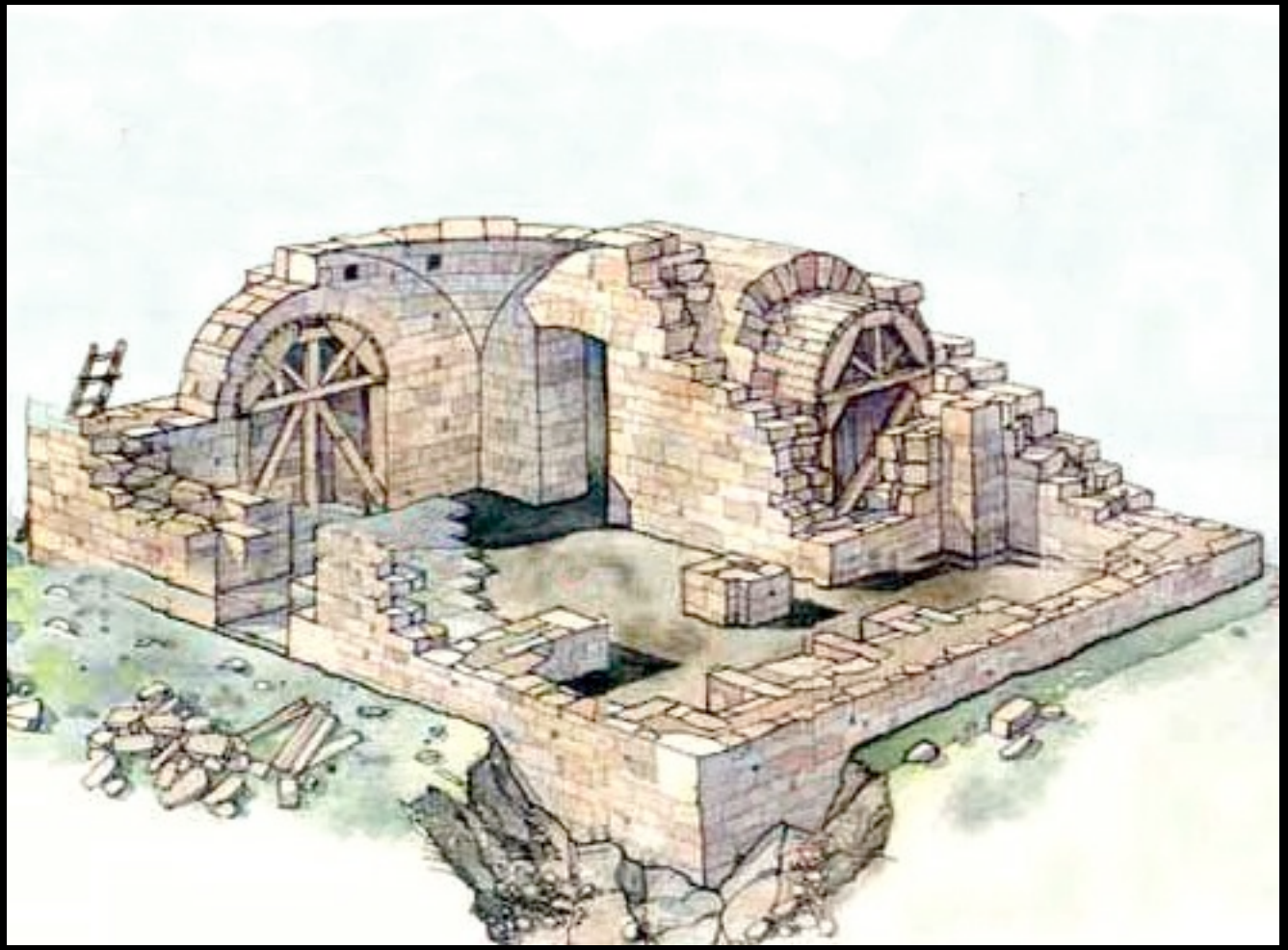


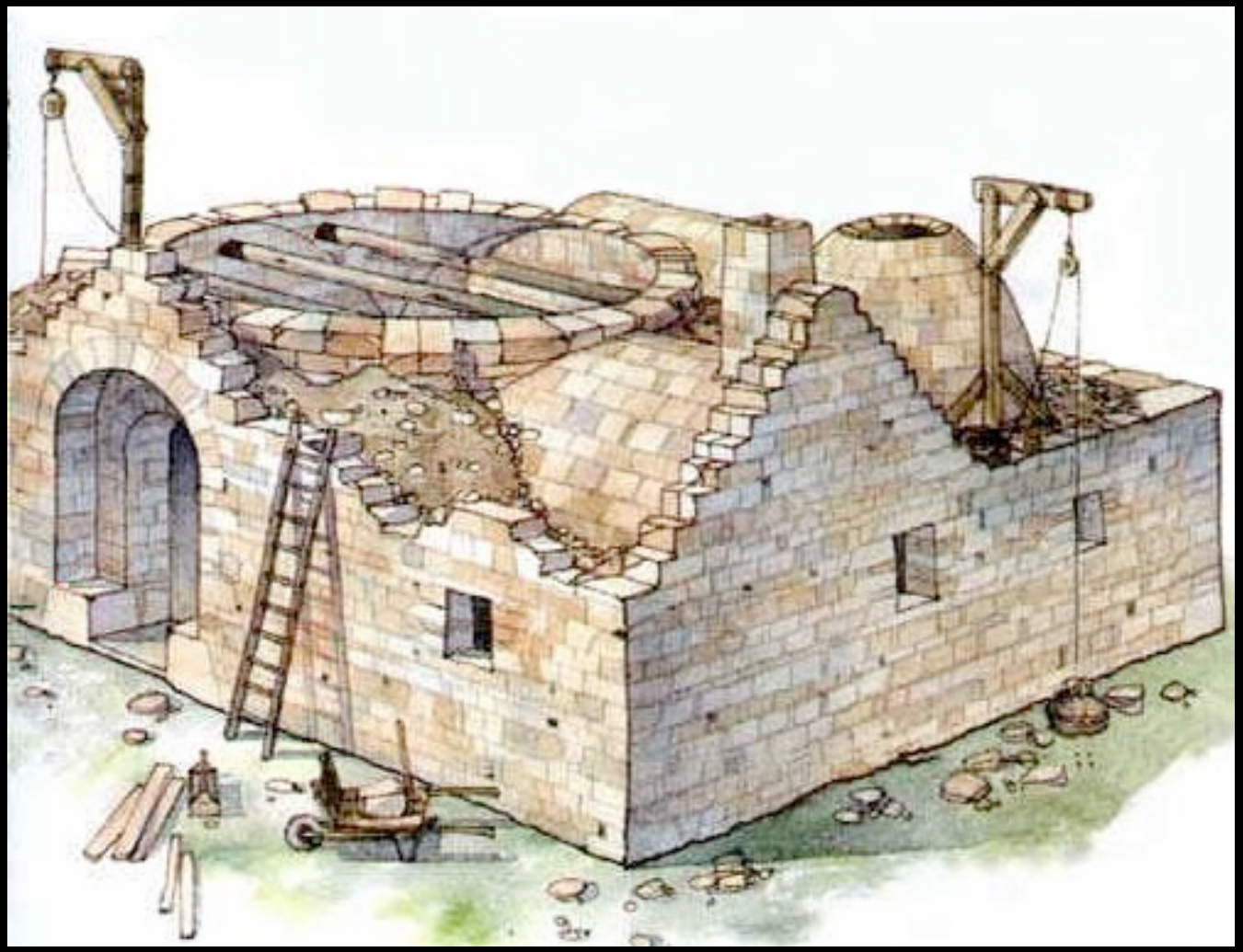


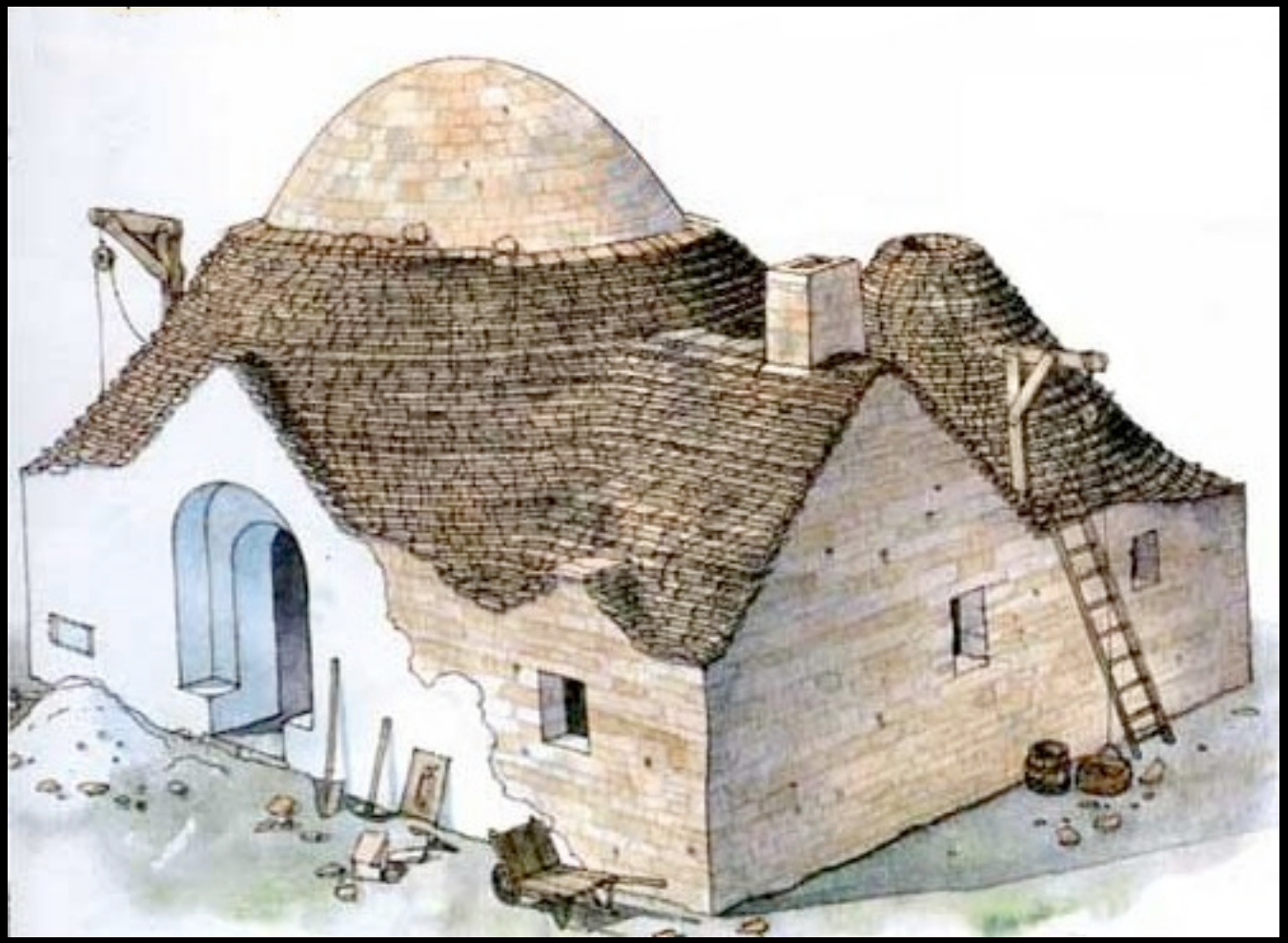


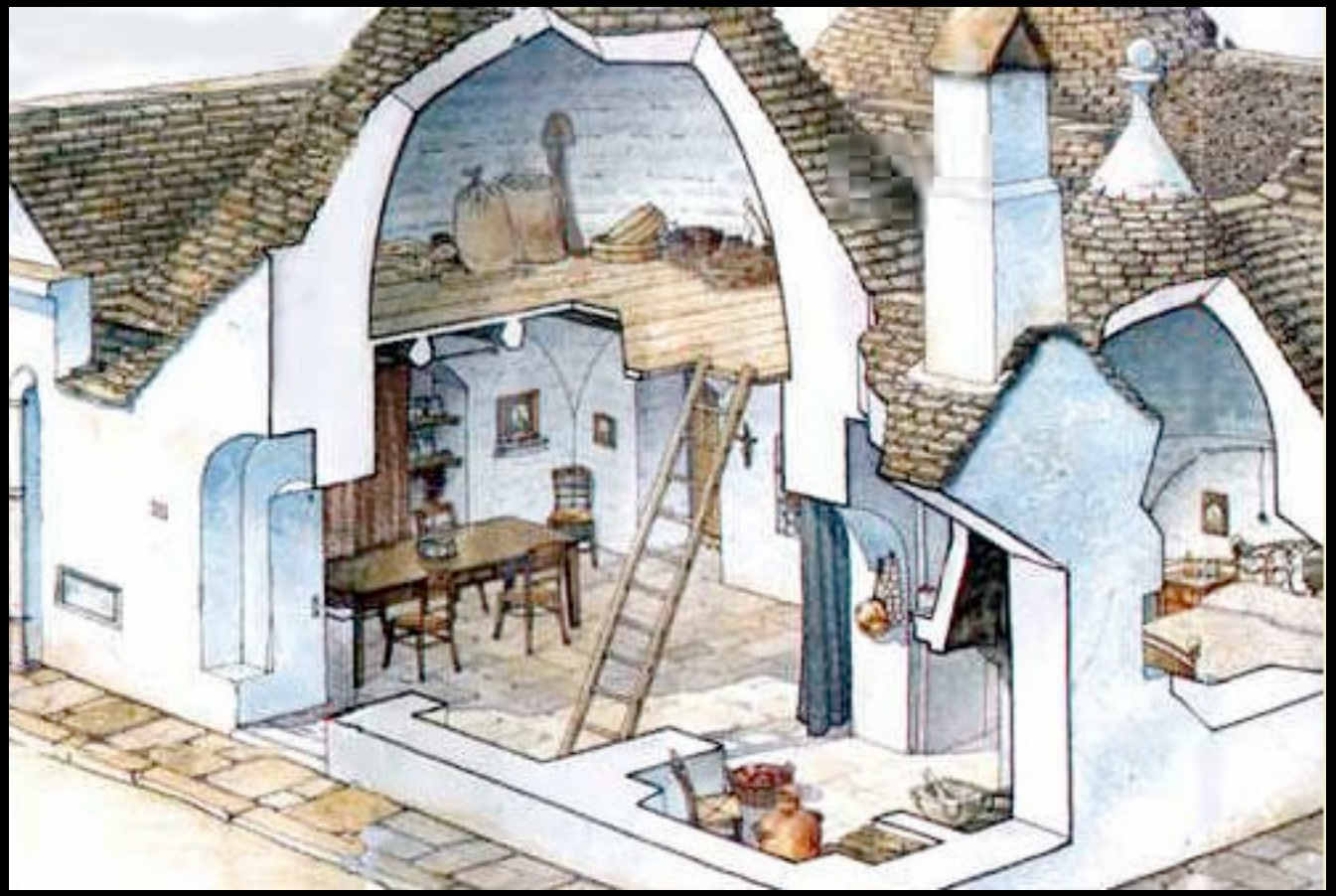


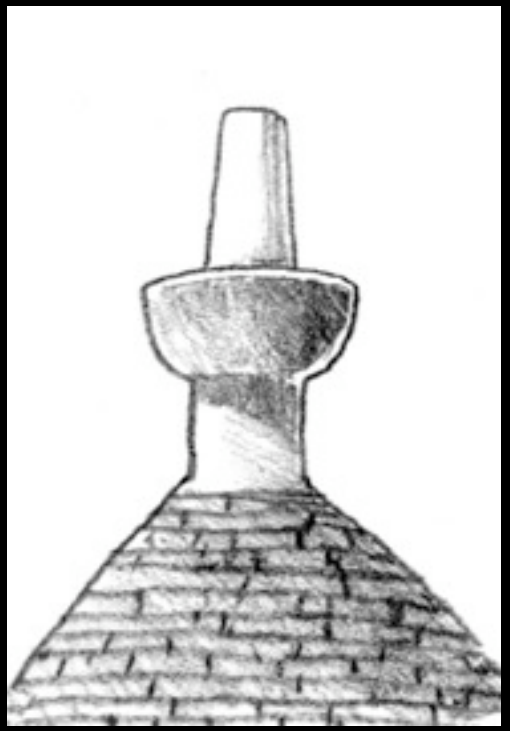


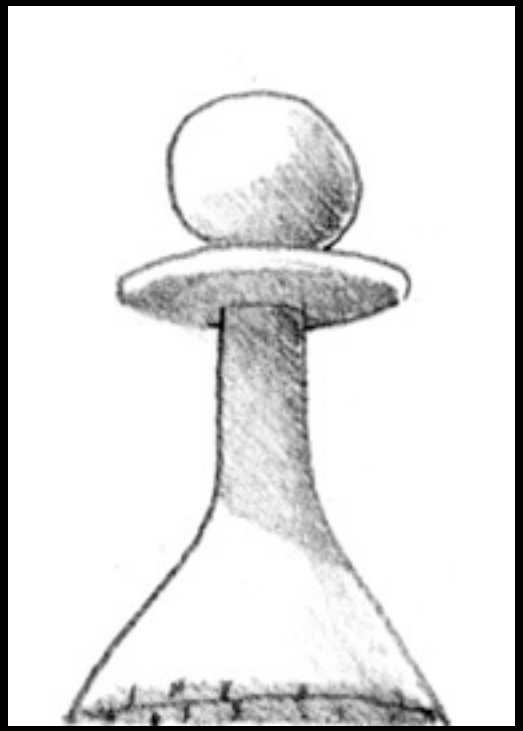




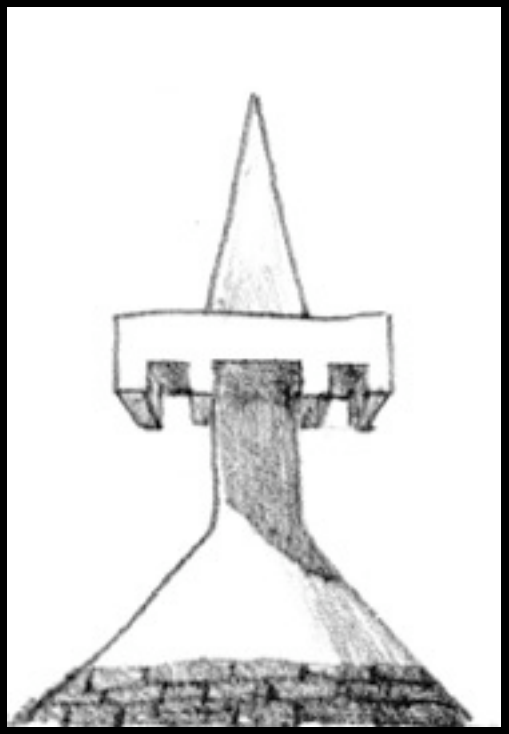




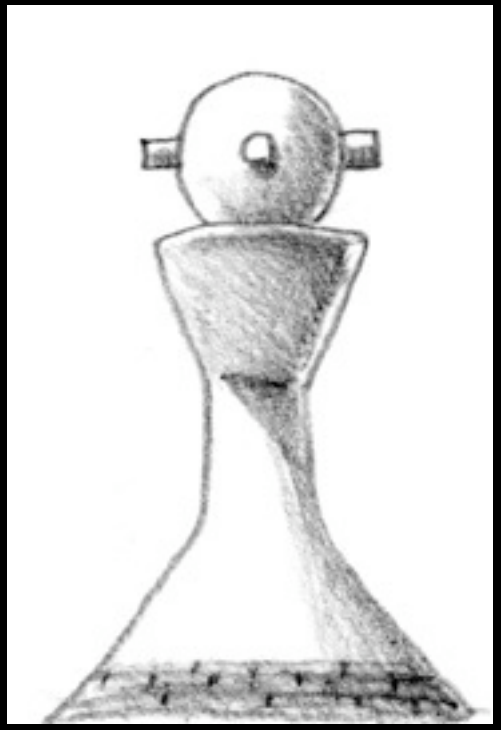


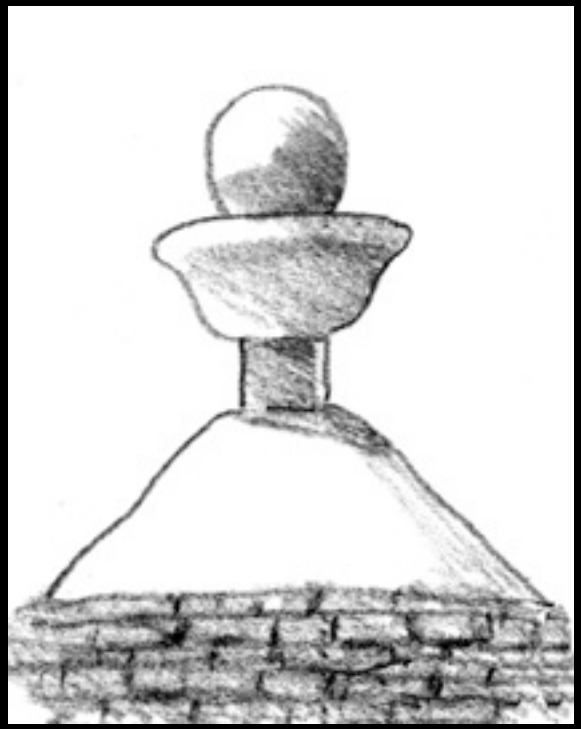


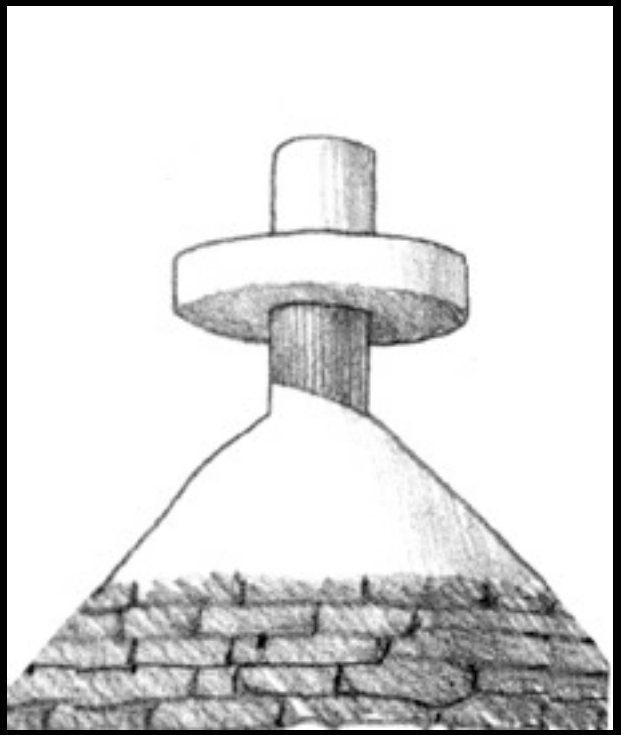


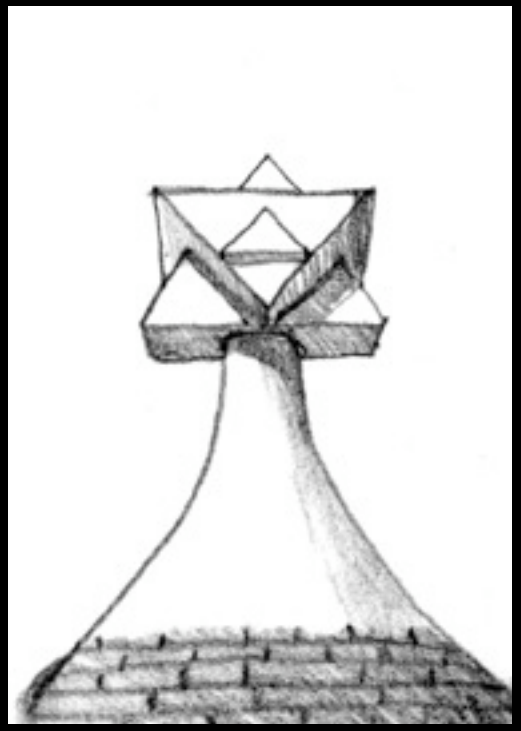






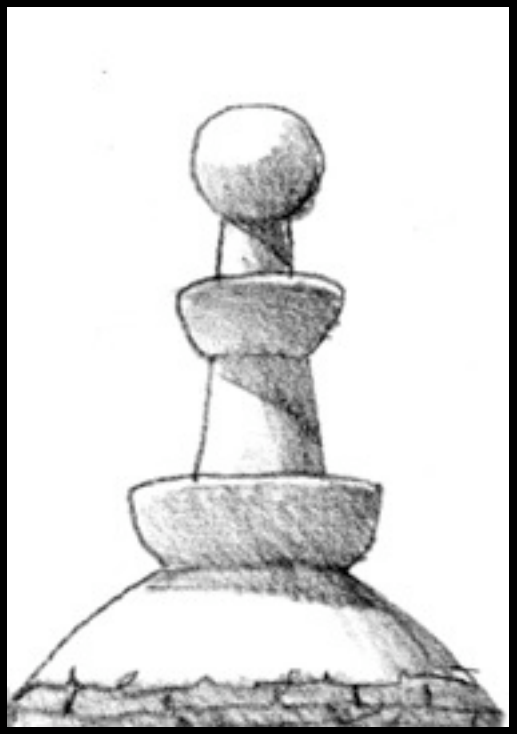








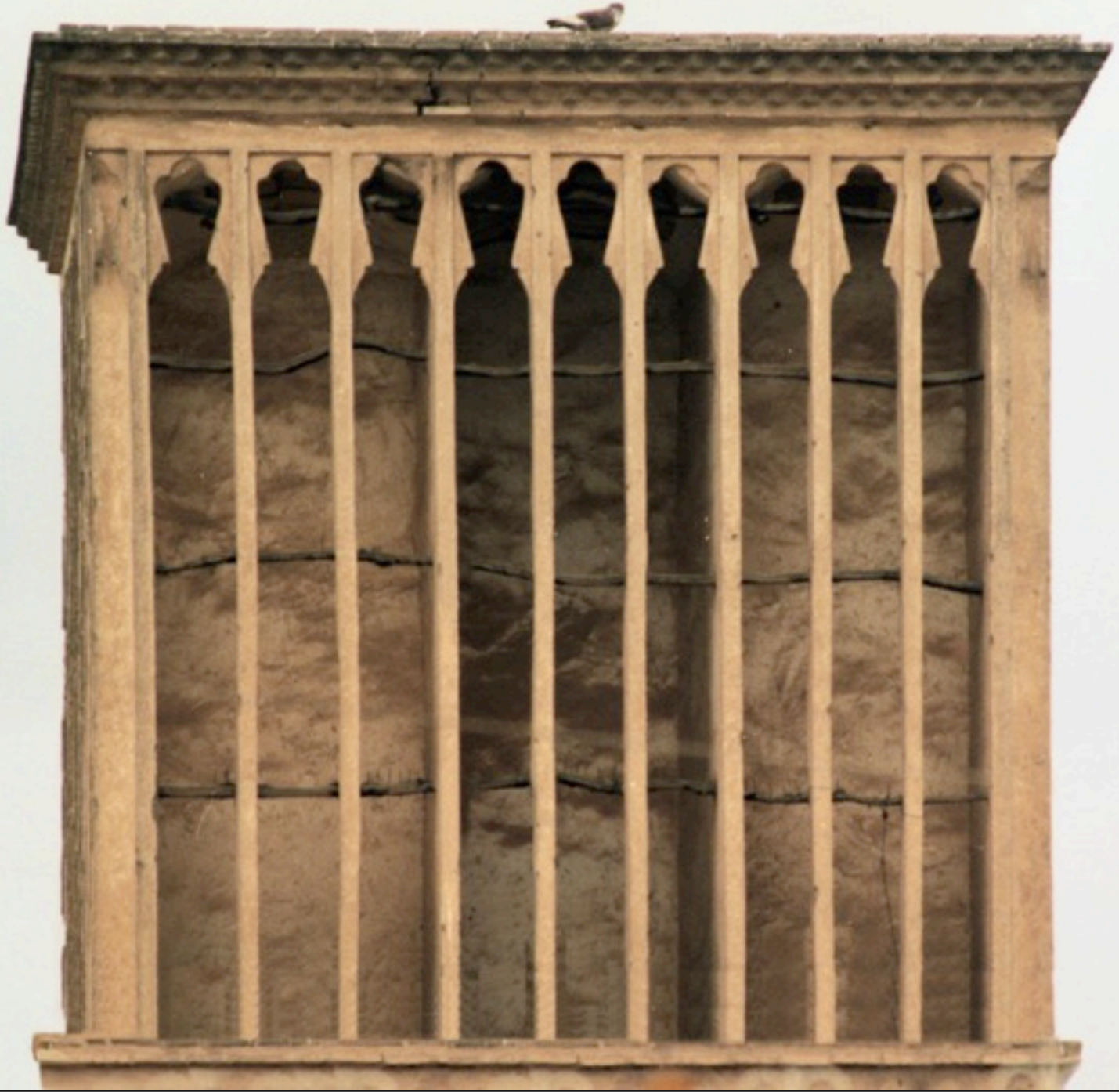












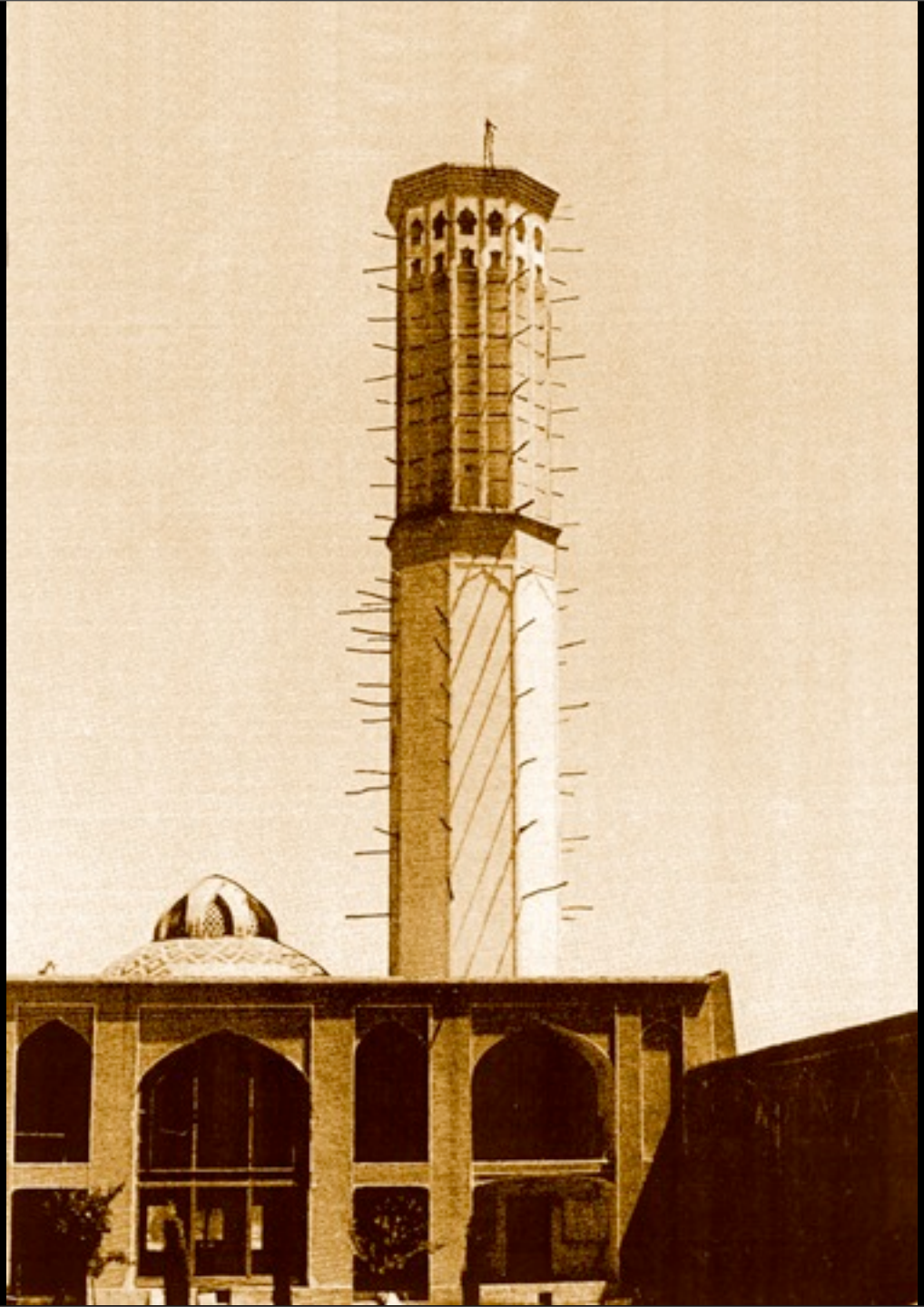








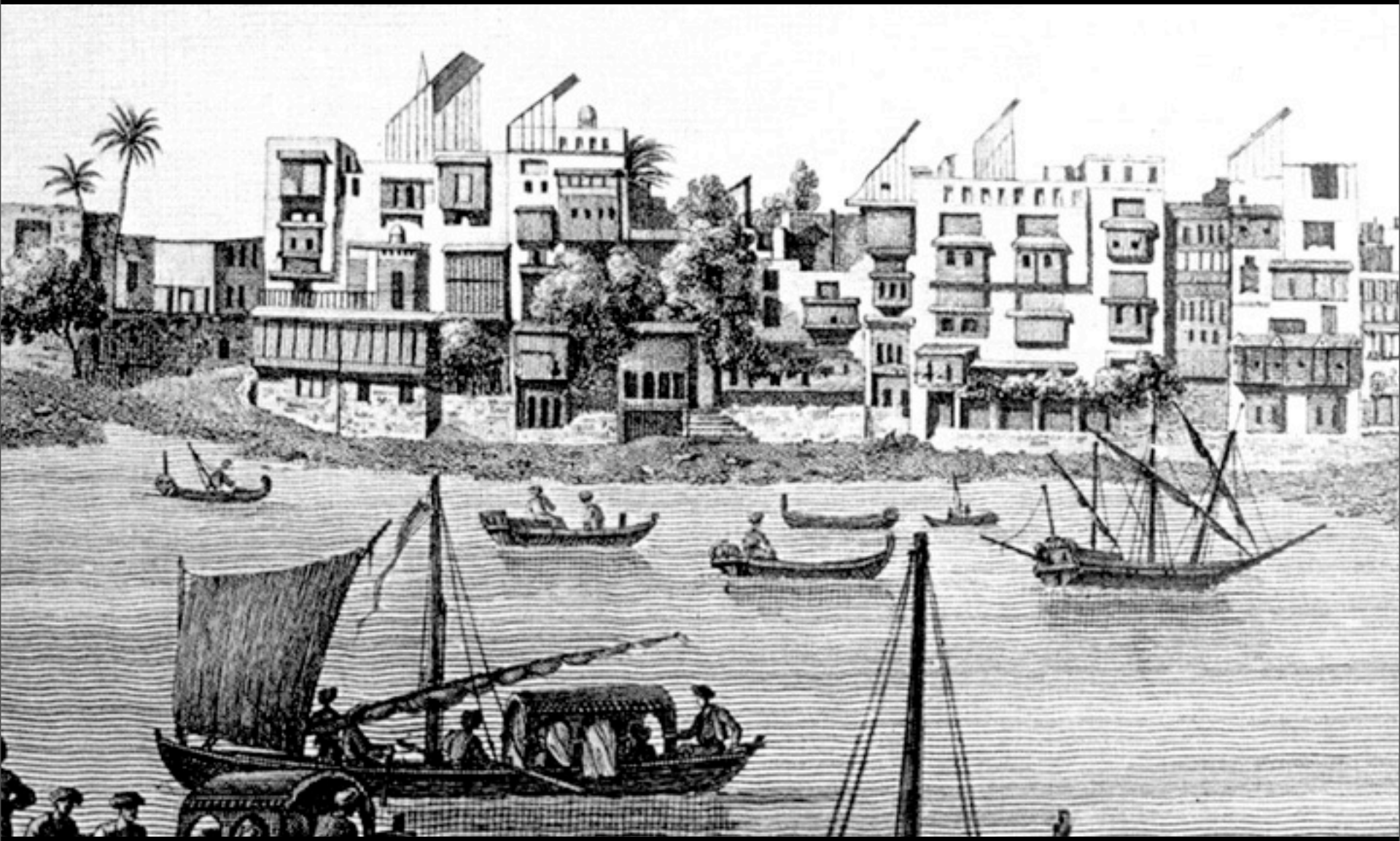


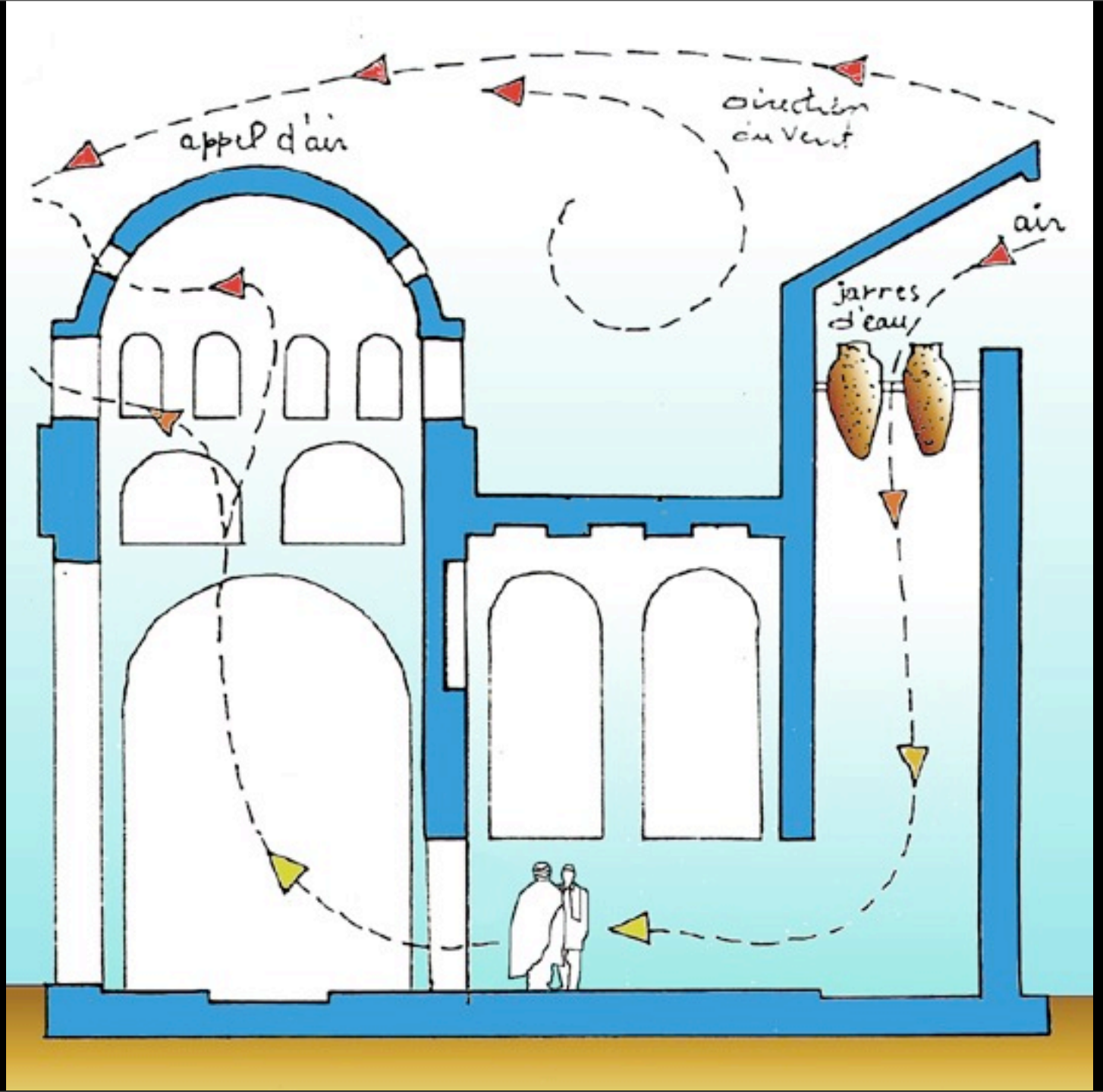




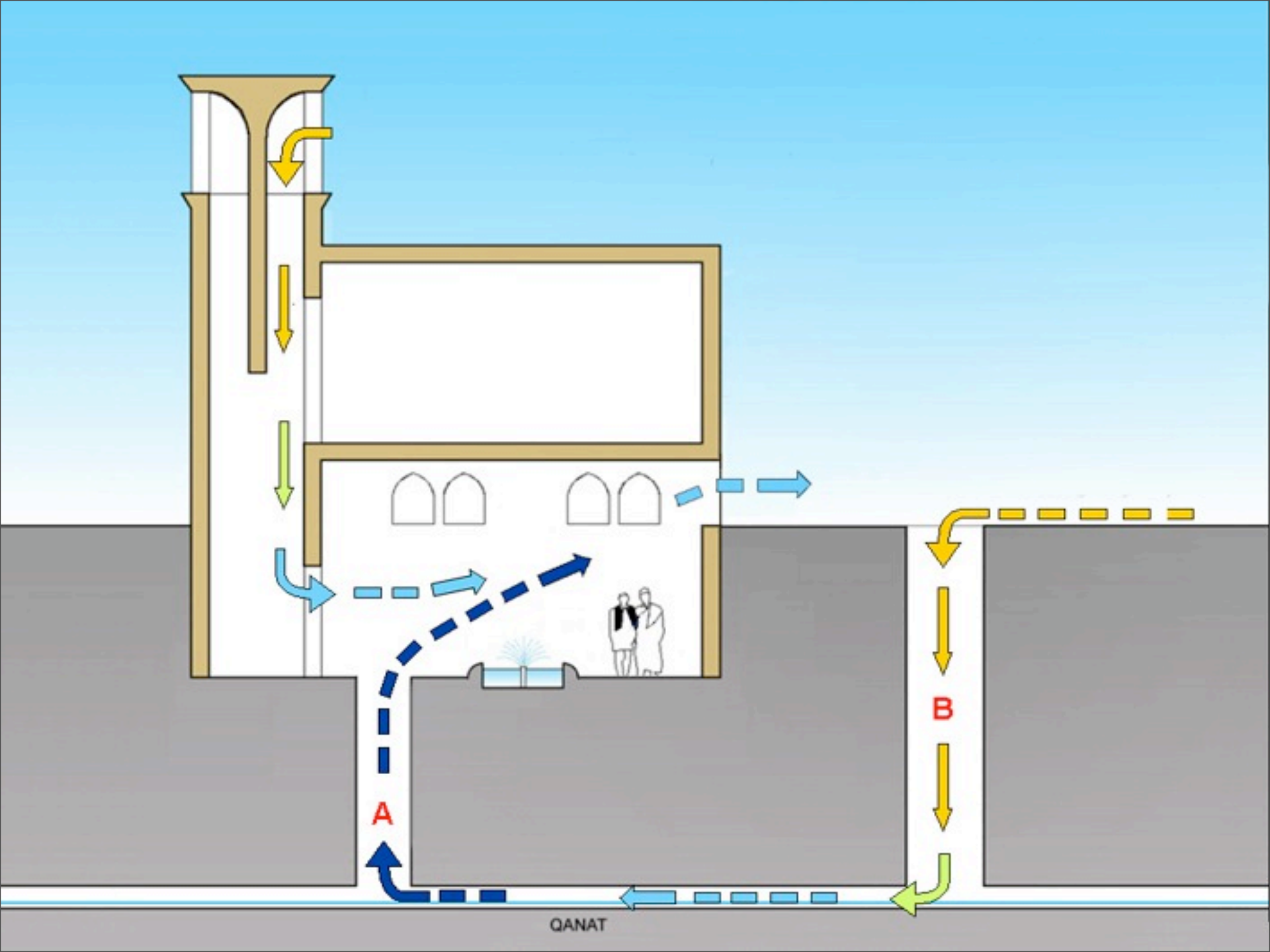


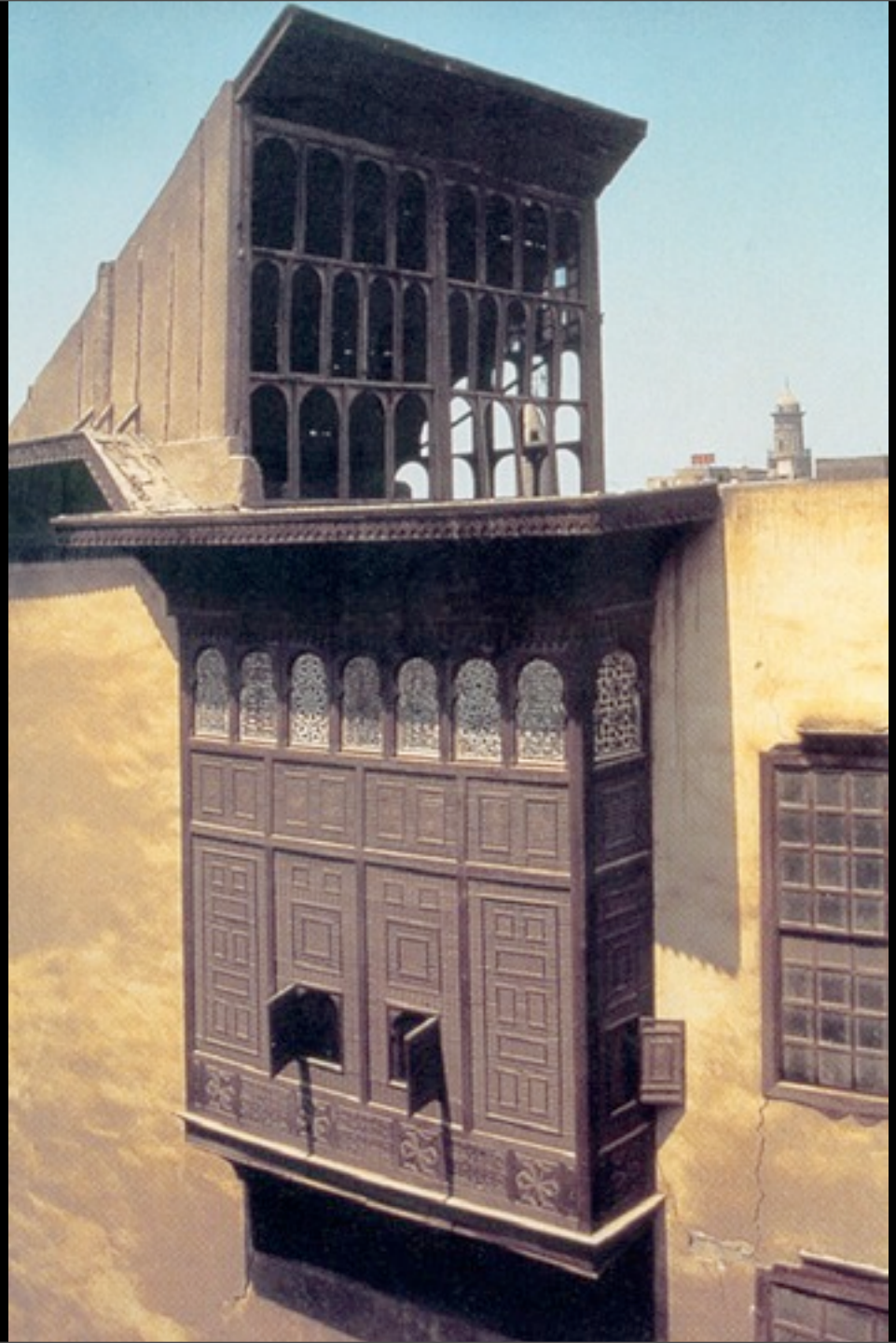




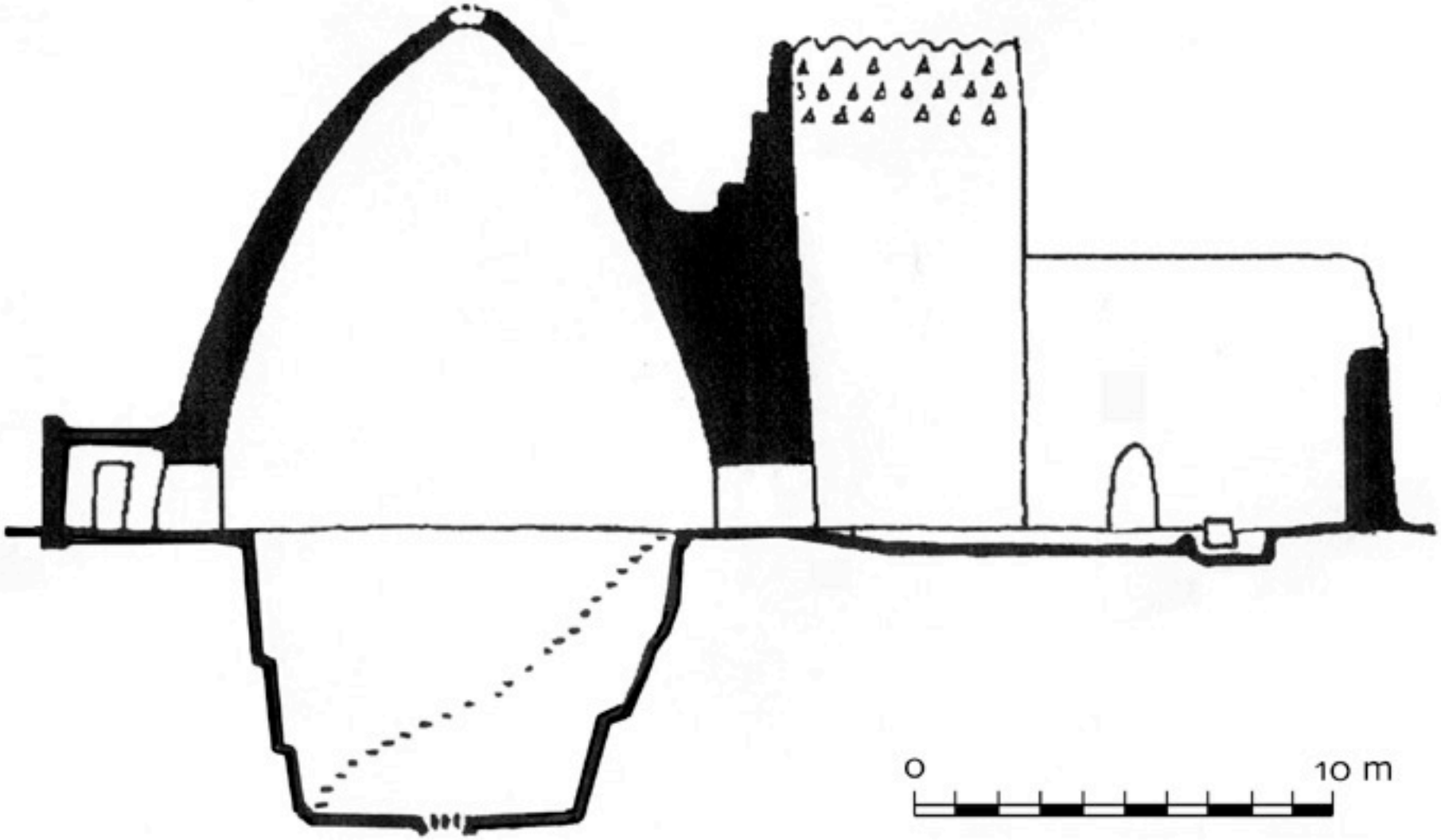

appel d'air
direction du vent
air
jarres d'eau




A
B
QANAT

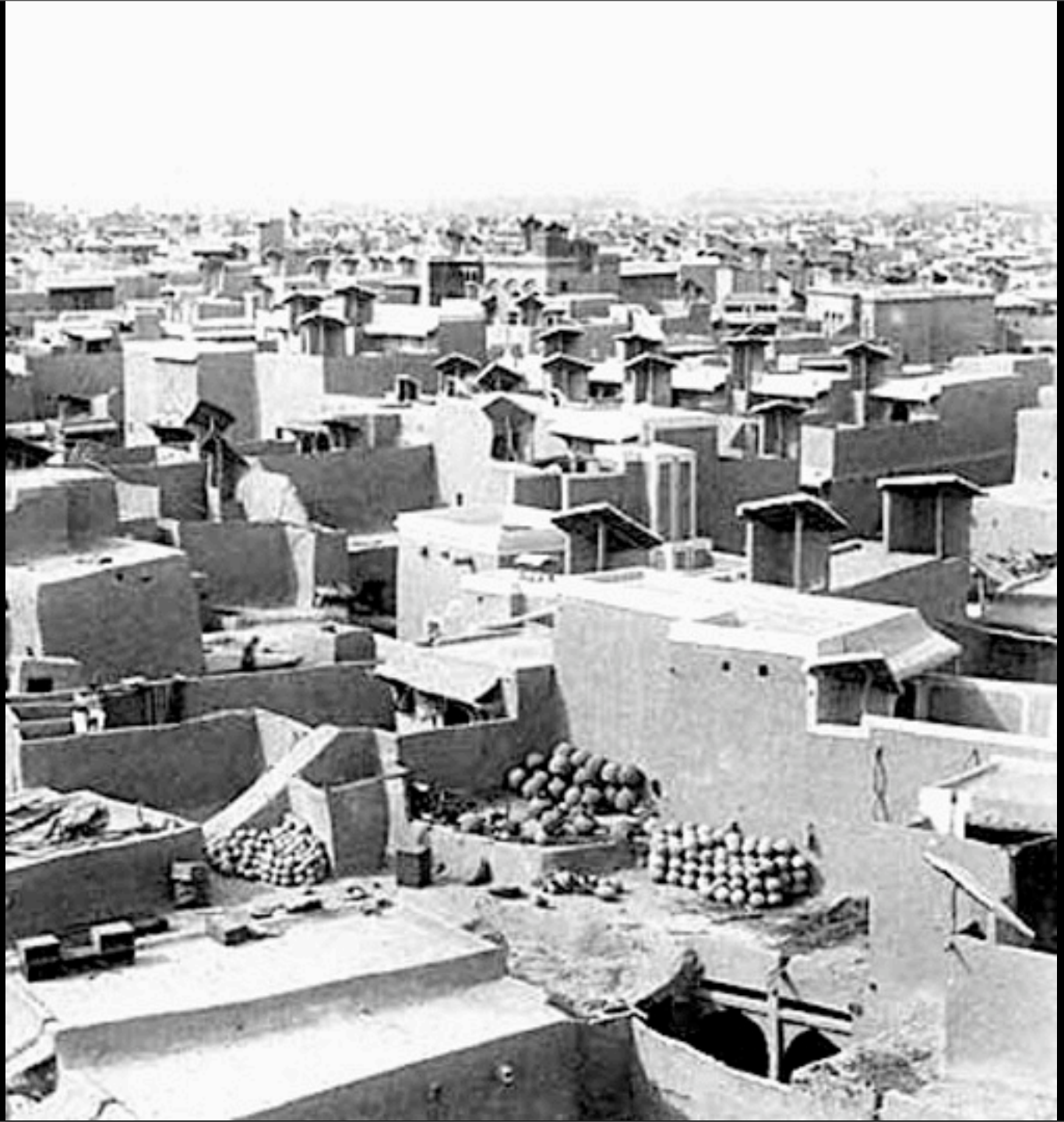





0
10 m

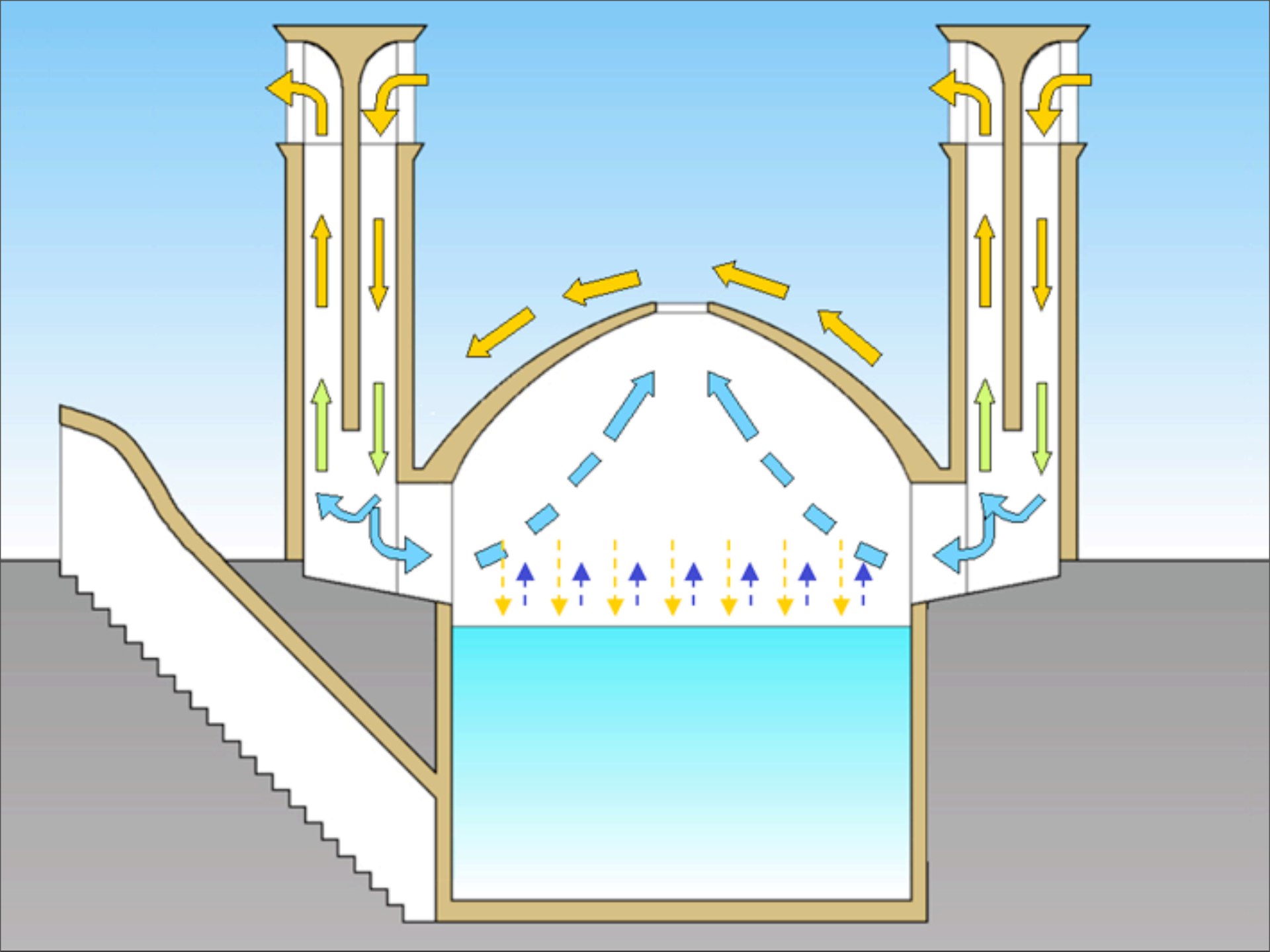


The Hyderabad skyline, dominated by wind-catchers known as "Mangh" or "Baadgir".

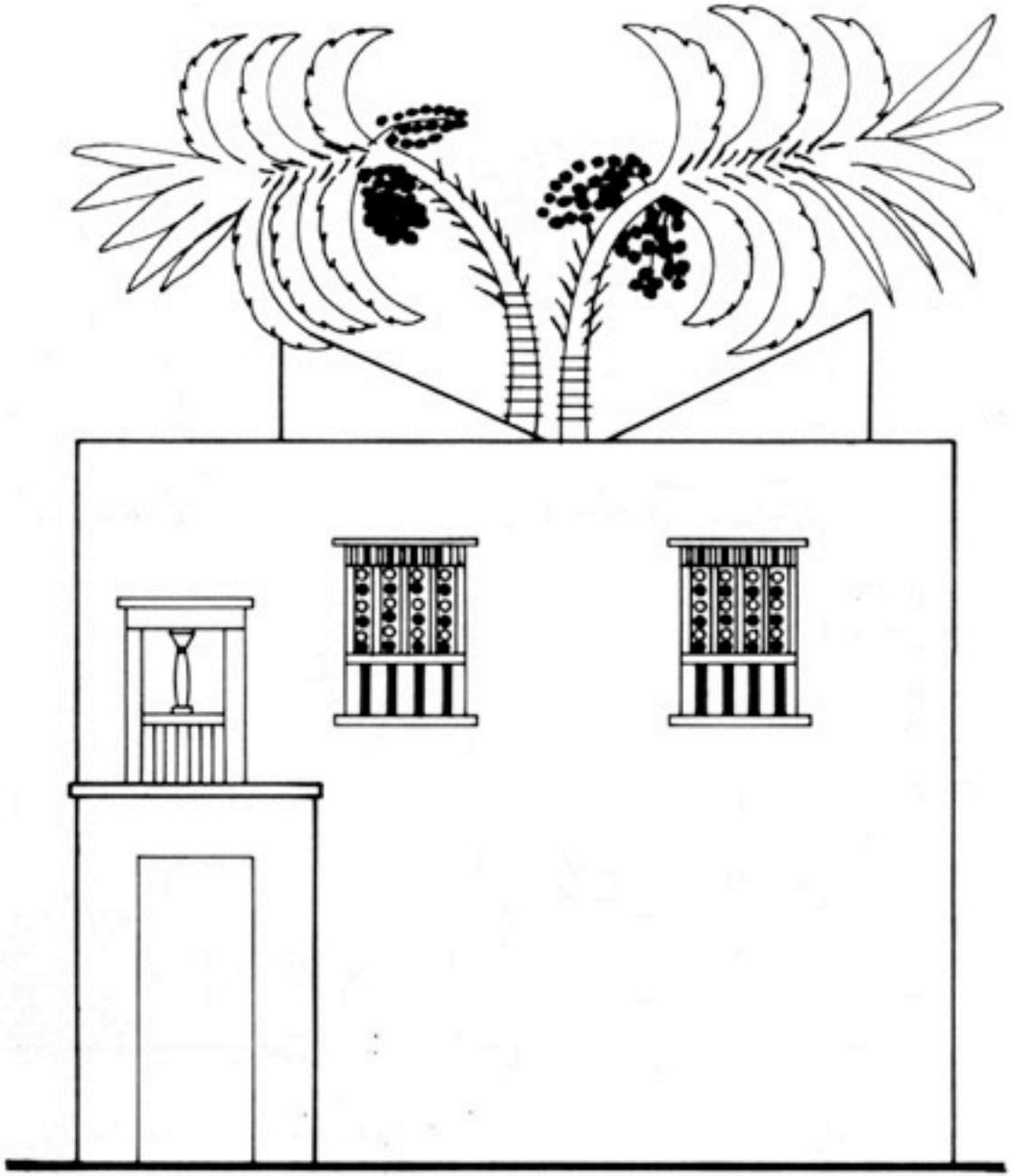


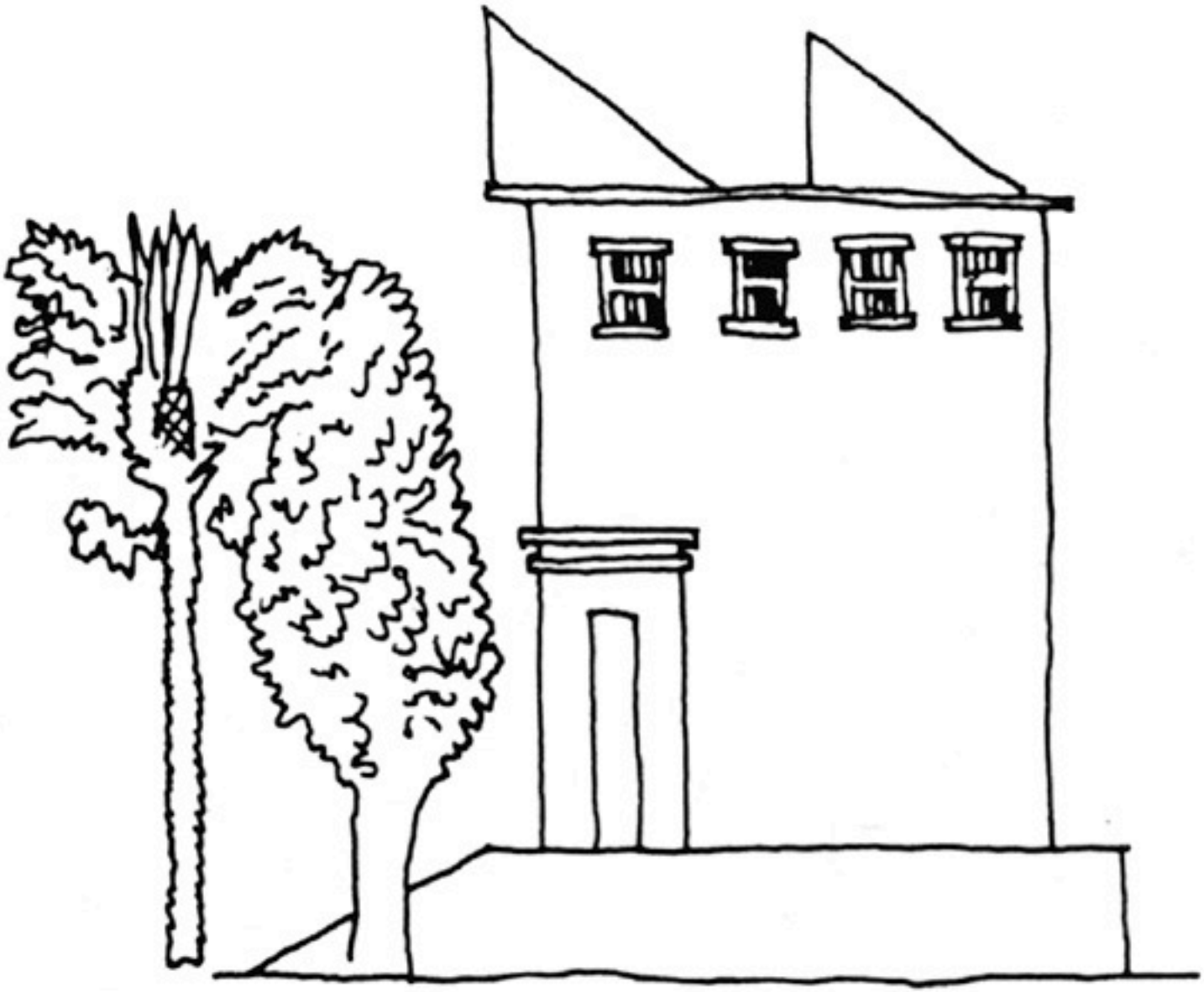












Torre del vento - Notte con vento



Torre del vento - Notte senza vento



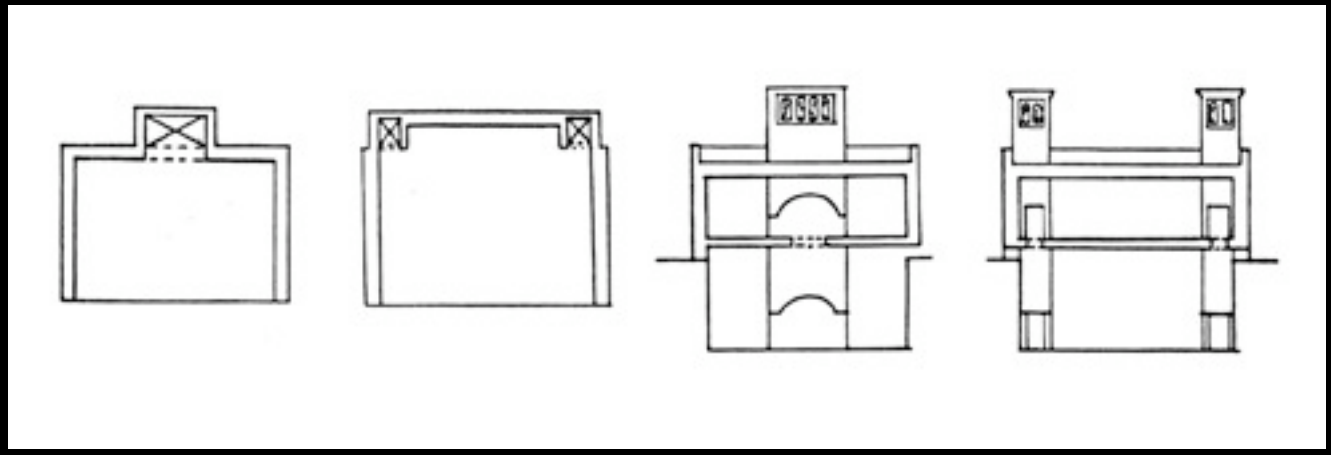
Torre del vento - Giorno con vento



Torre del vento - Giorno senza vento

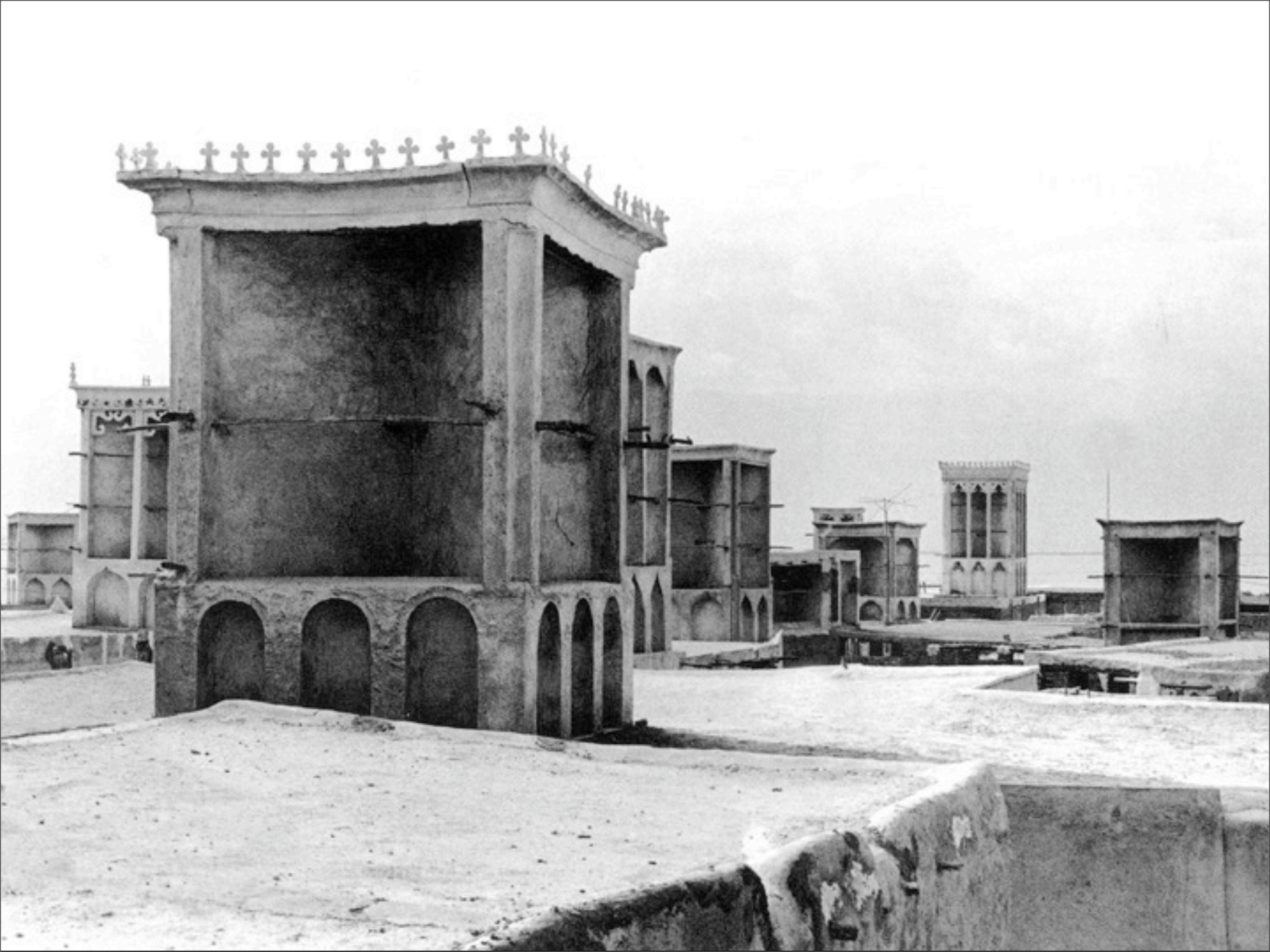







0
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5











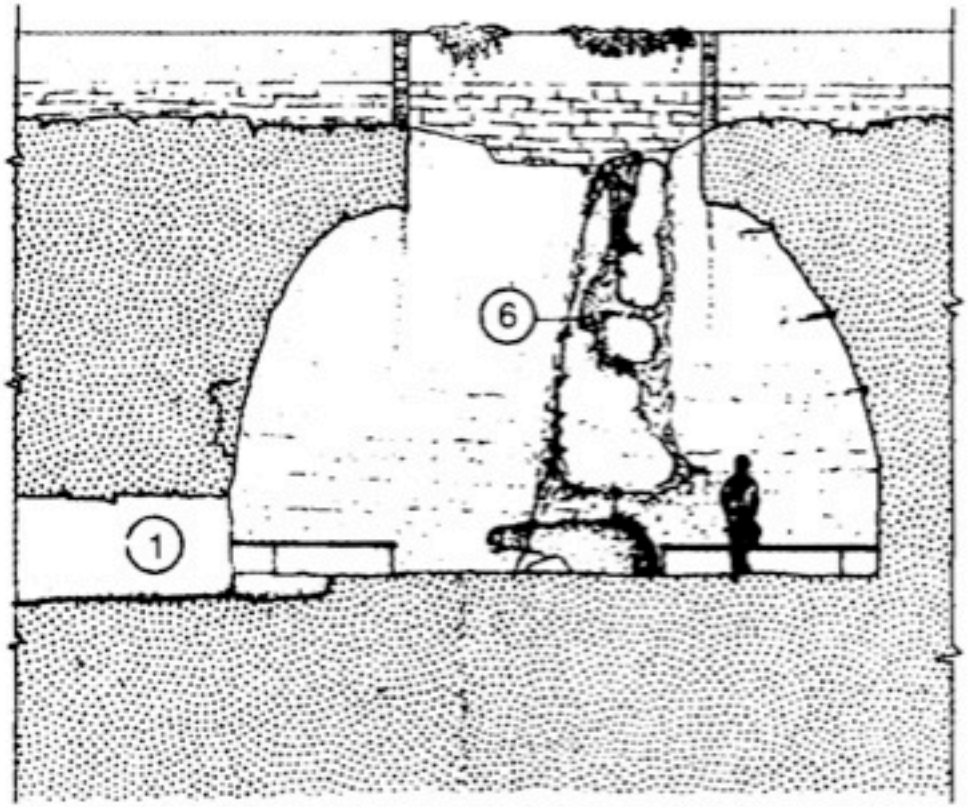






Camera dello scirocco di Villa Savagnone
Palermo





1 - Qanāt
2 - Sedili di pietra
3 - Scala intagliata nella roccia
4 - Scala sotterranea
5 - Bacino
6 - Giochi d'acqua (cascatella)

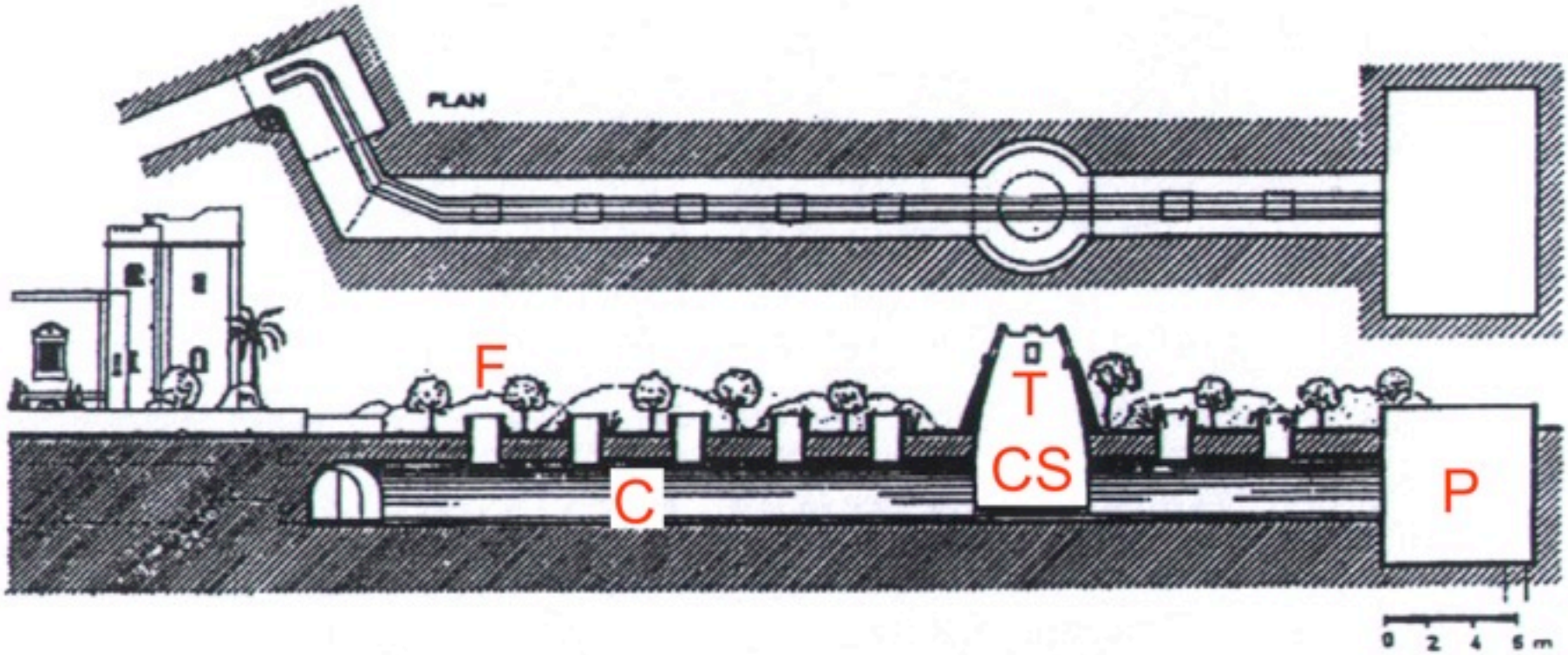
La "camera dello scirocco" di Villa Savagnone, nei pressi della località Altarello di Baida.



Camera dello scirocco dei Beati Paoli a Palermo




Corridoio camera dello scirocco
Villa Ambleri Naselli - Palermo


PLAN
F
C
T
CS
P
0 2 4 6 m

Moschea a Tripoli













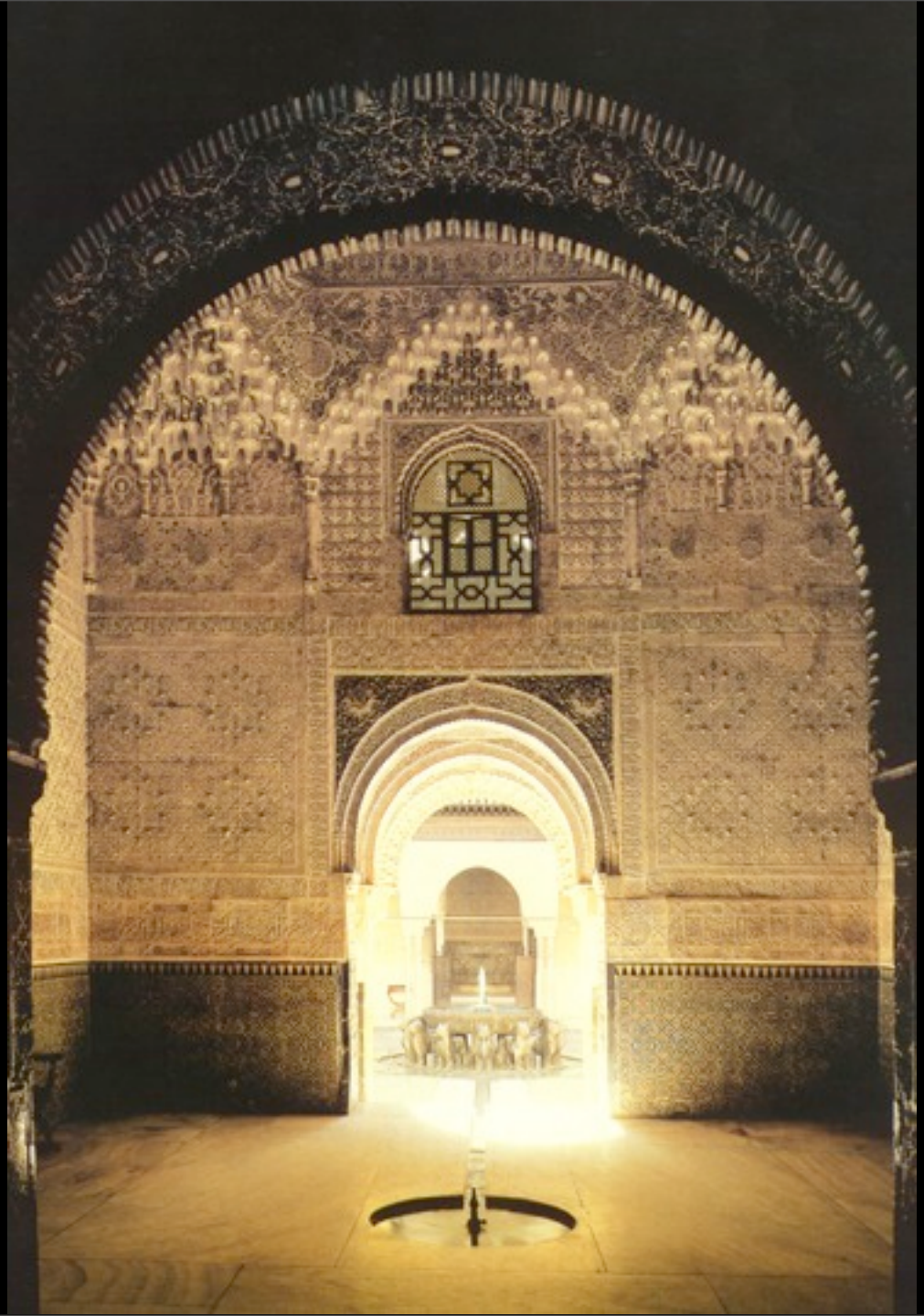


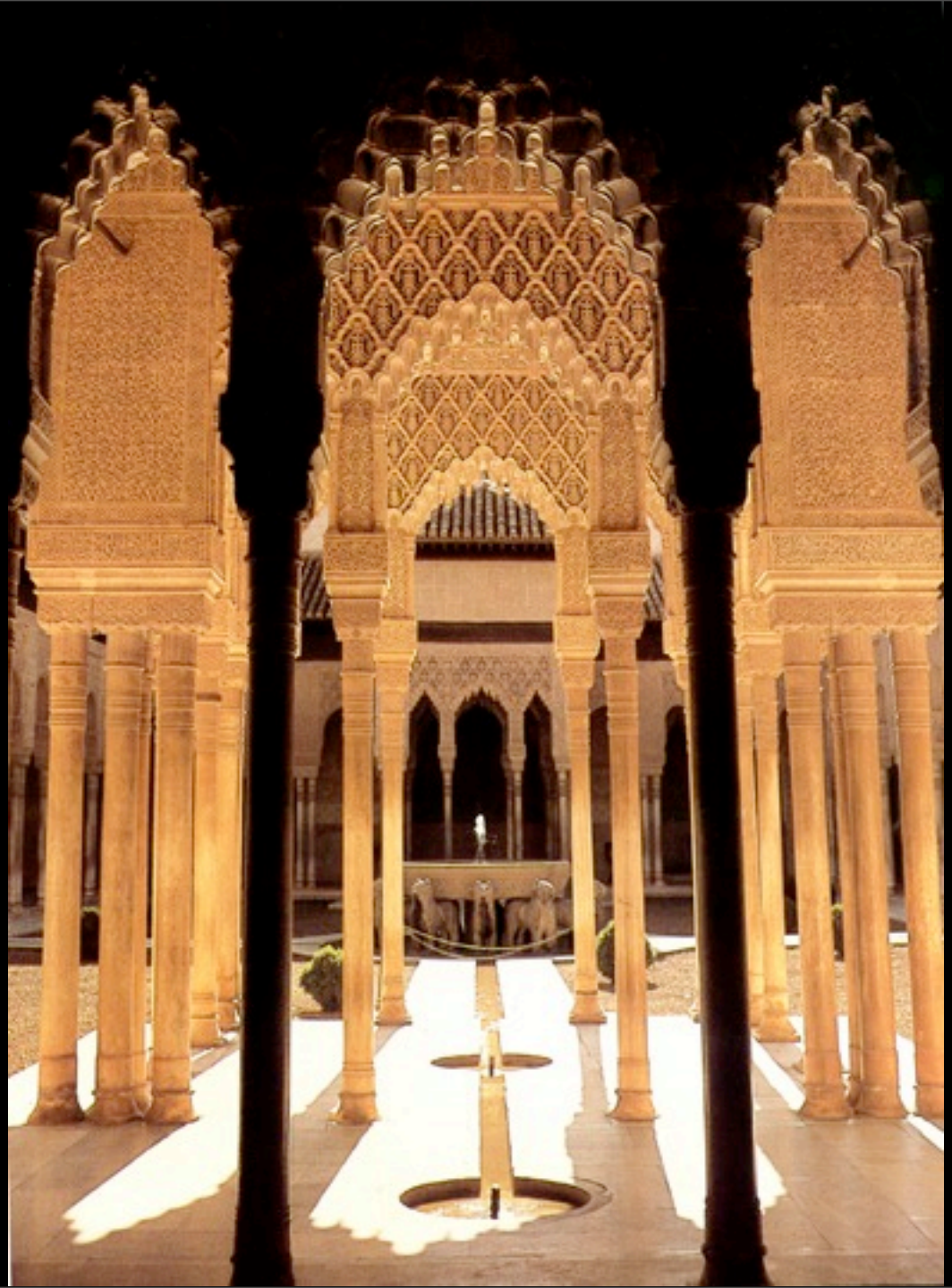


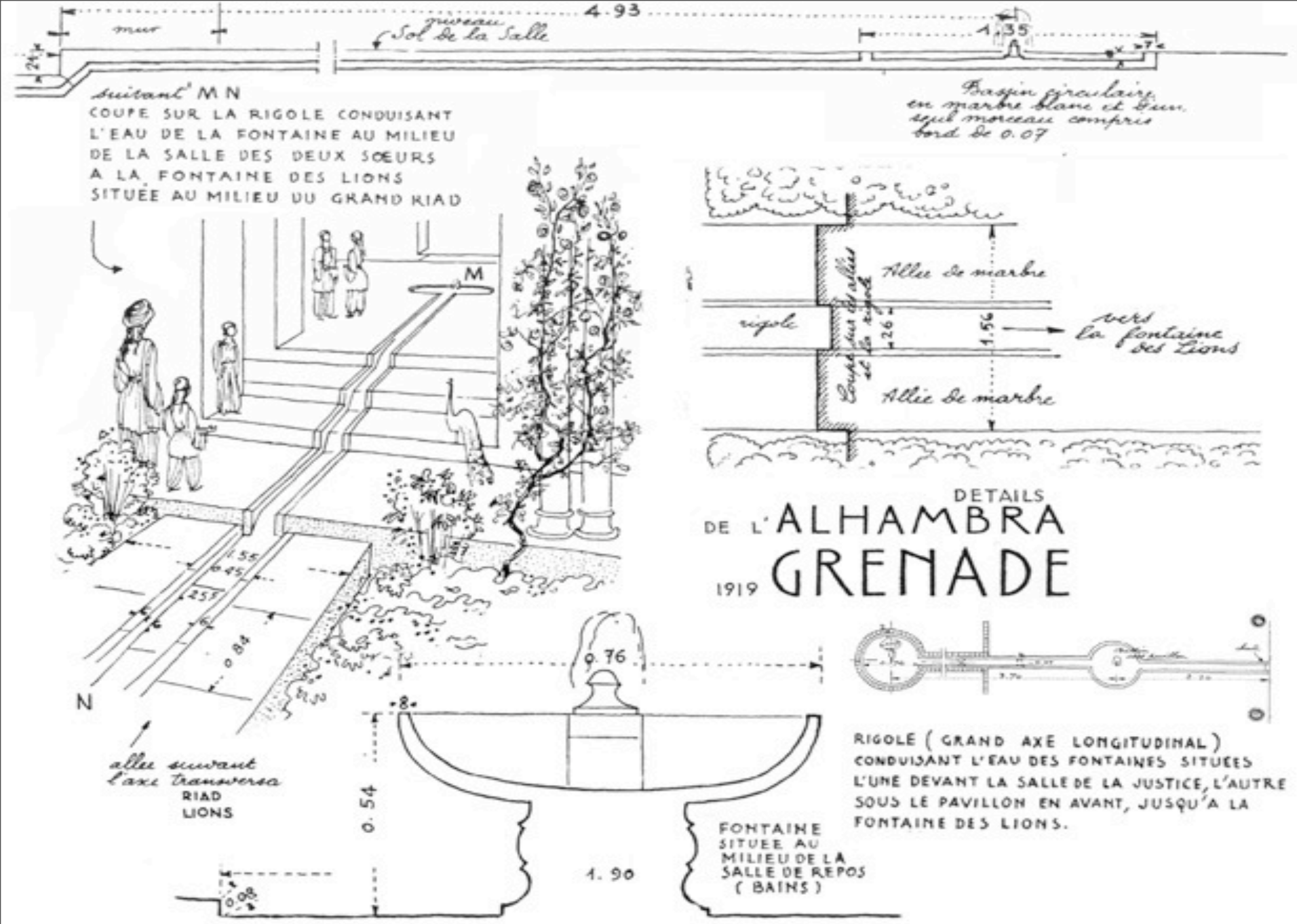




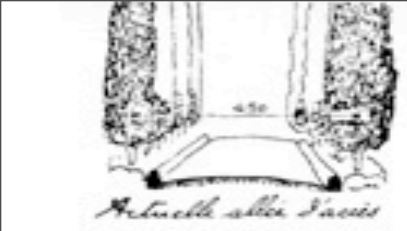






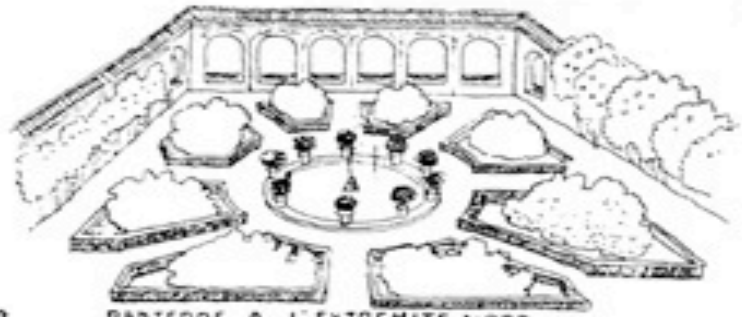

4.93
mur
niveau
Sol de la Salle
1.35
suivant M N
COUPE SUR LA RIGOLE CONDUISANT
L'EAU DE LA FONTAINE AU MILIEU
DE LA SALLE DES DEUX SŒURS
A LA FONTAINE DES LIONS
SITUÉE AU MILIEU DU GRAND RIAD
Bassin circulaire
en marbre blanc et bleu
sur morceau compris
bord de 0.07
M
N
1.55
0.45
0.25
0.84
allée suivant
l'axe transversal
RIAD
LIONS
9.76
0.54
0.08
1.90
FONTAINE
SITUEE AU
MILIEU DE LA
SALLE DE REPOS
(BAINS)
Allée de marbre
rigole
Couloir des allées
0.26
1.56
vers
la fontaine
des Lions
Allée de marbre
DETAILS
DE L'ALHAMBRA
1919 GRENADE
RIGOLE (GRAND AXE LONGITUDINAL)
CONDUISANT L'EAU DES FONTAINES SITUEES
L'UNE DEVANT LA SALLE DE LA JUSTICE, L'AUTRE
SOUS LE PAVILLON EN AVANT, JUSQU'A LA
FONTAINE DES LIONS.

DETAILS DU GENERALIFE GRENADE 1919

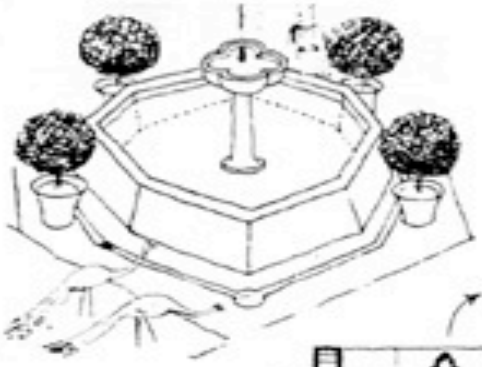


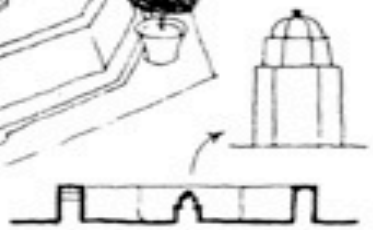
Actuelle allée d'accès

après tous
les 4 ou 5 ans
un rotier entre
chaque cyprès.



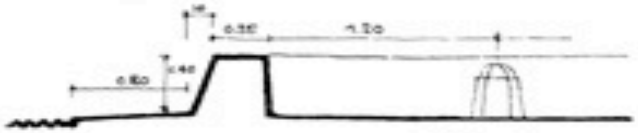
PARTERRE A L'EXTREMITE NORD
DU GRAND RIAD

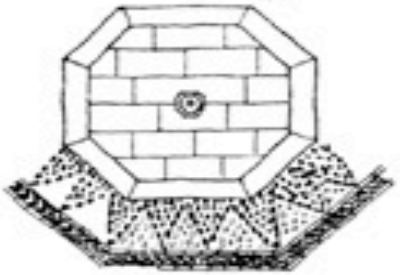


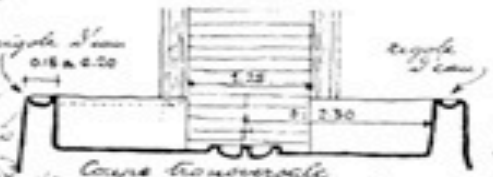




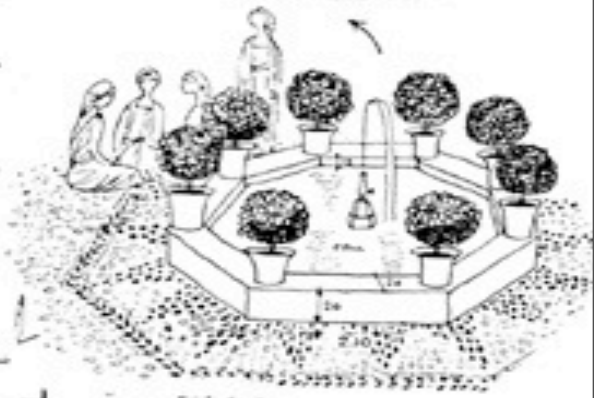
4 GRAND ESCALIER D'EAU – avec rigole d'irrigation sur les murs latéraux.







Coupe transversale sur le palier A





palier octogonal

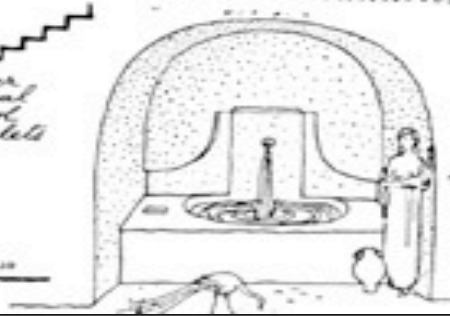
4 Coupe longitudinale sur le grand escalier d'eau.

petit palier rectangulaire

palier octogonal avec sol en galets



Détail

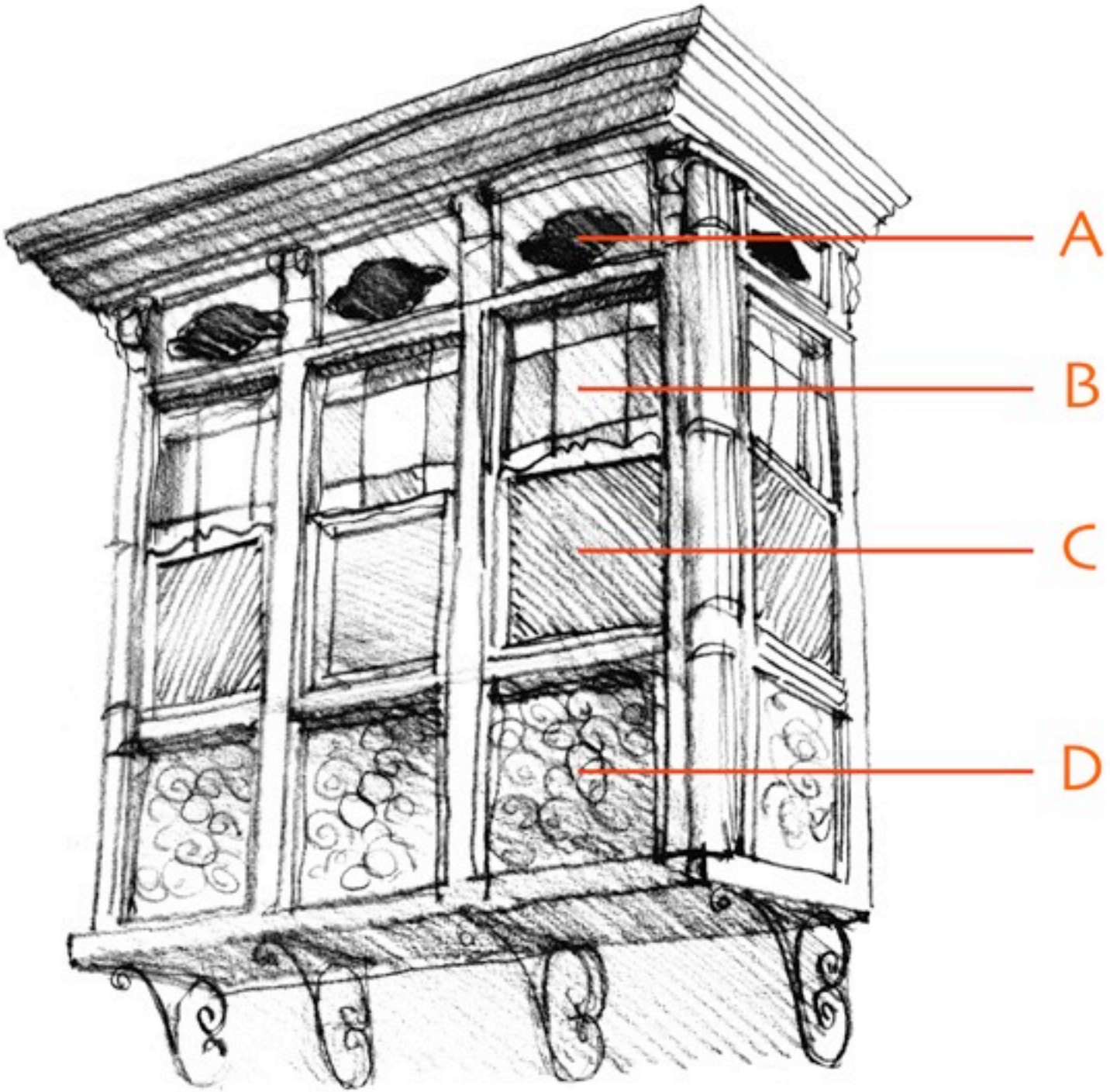


fontaine dans un escalier du jardin








A
B
C
D



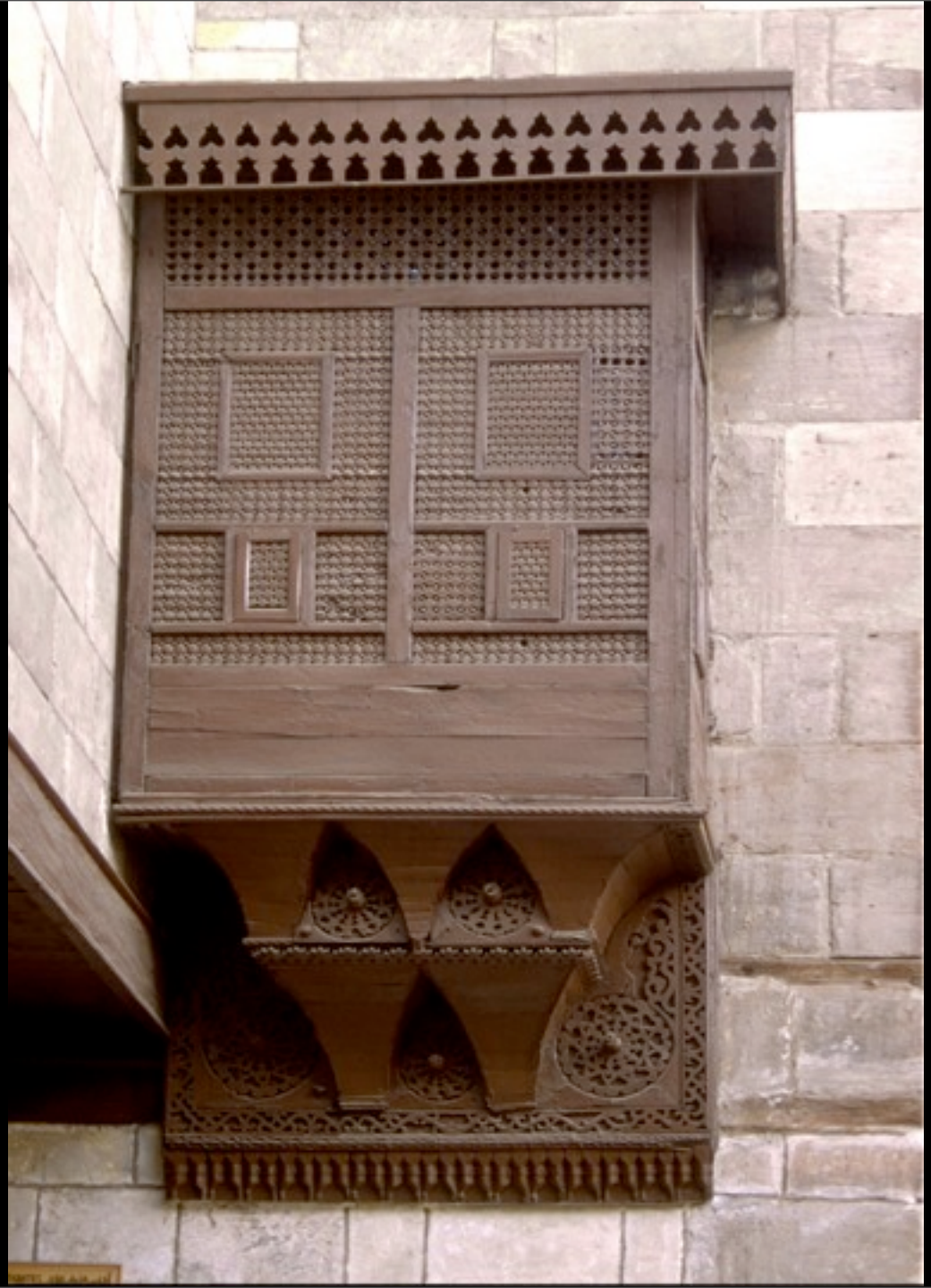


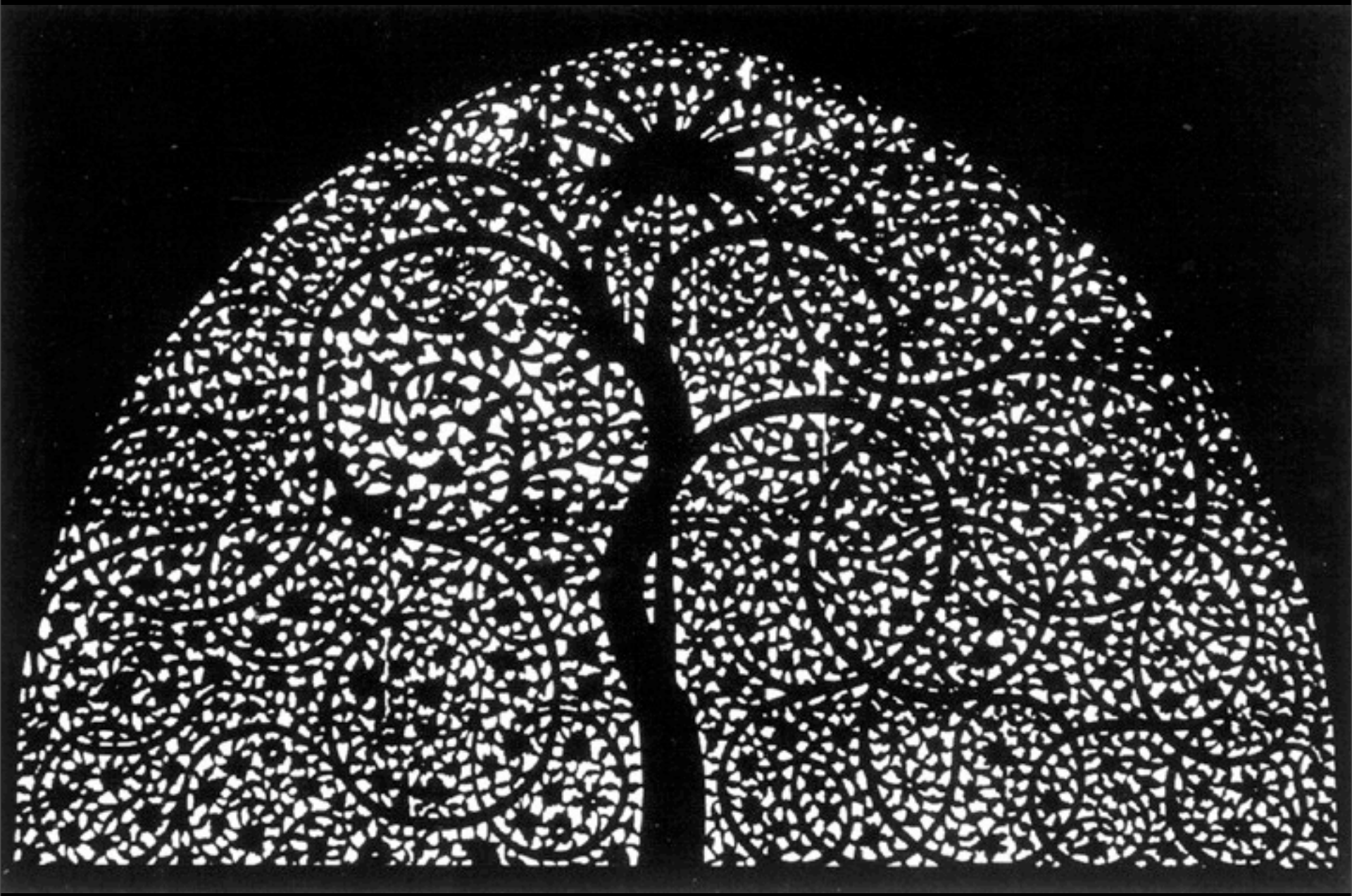


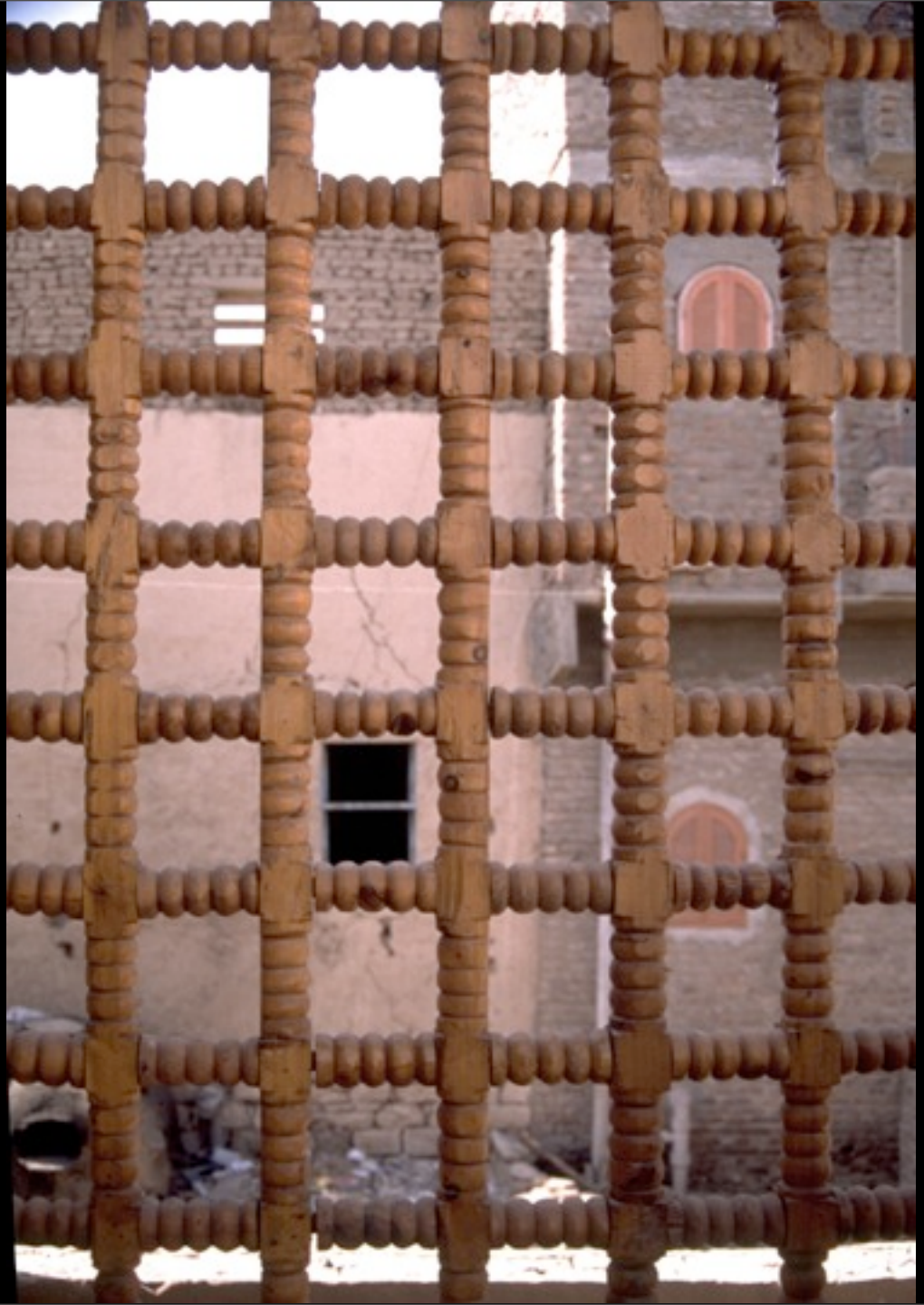




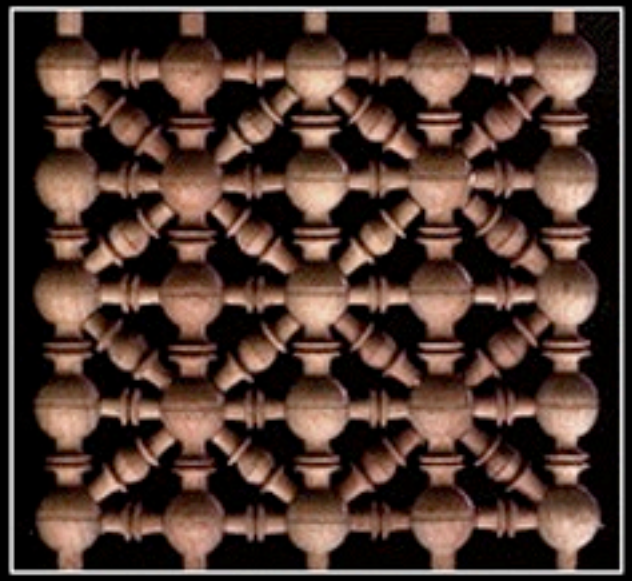




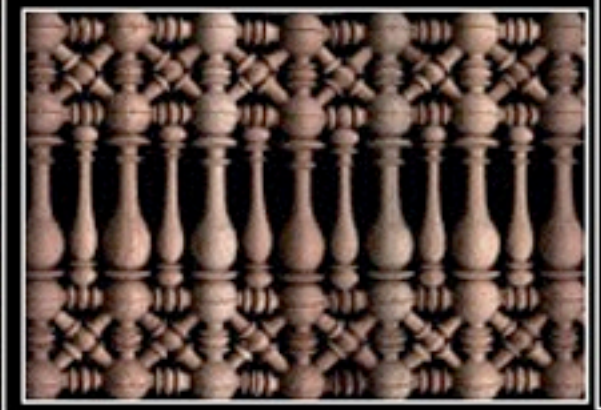




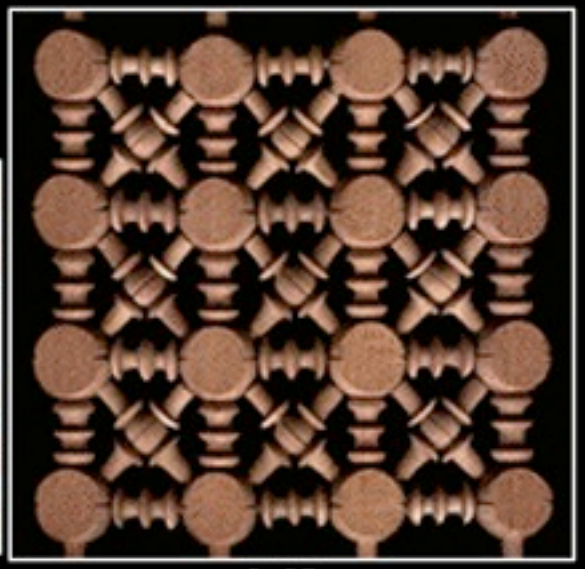
Mashrabia



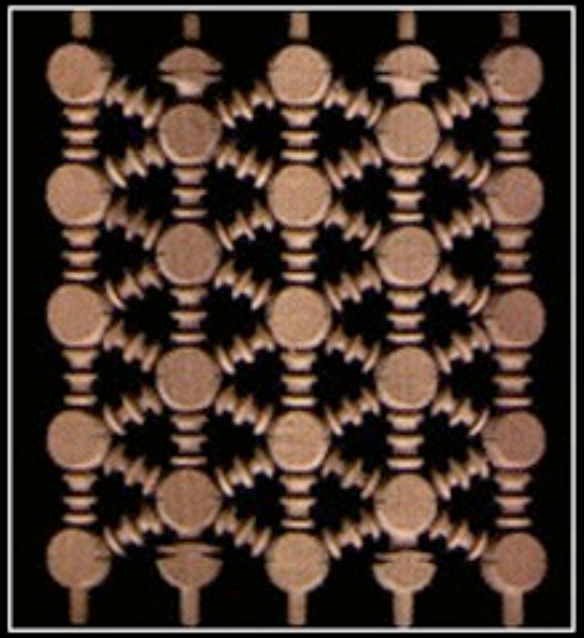
M1



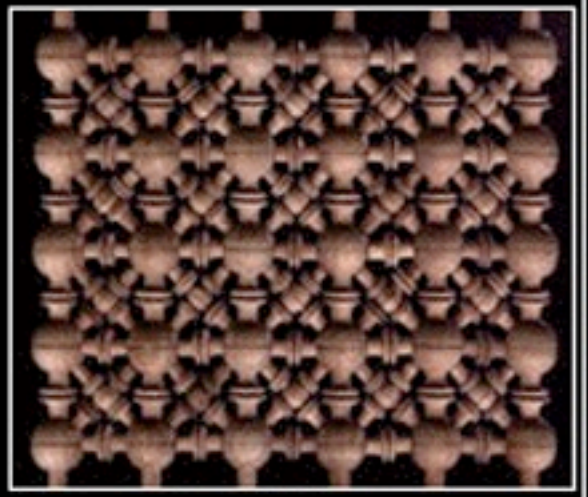
M2



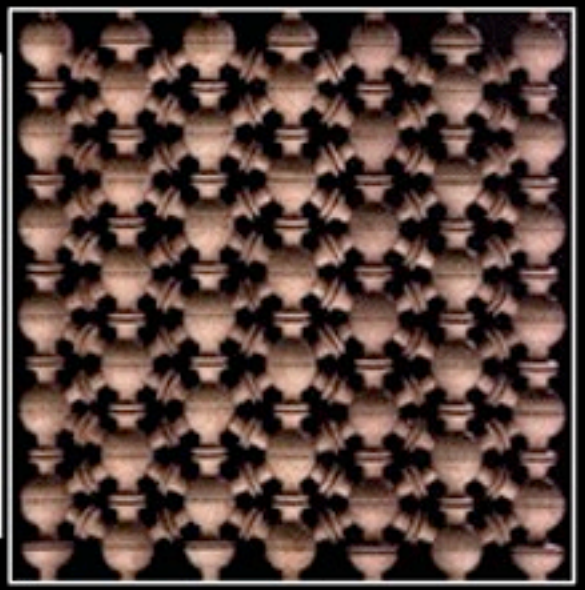
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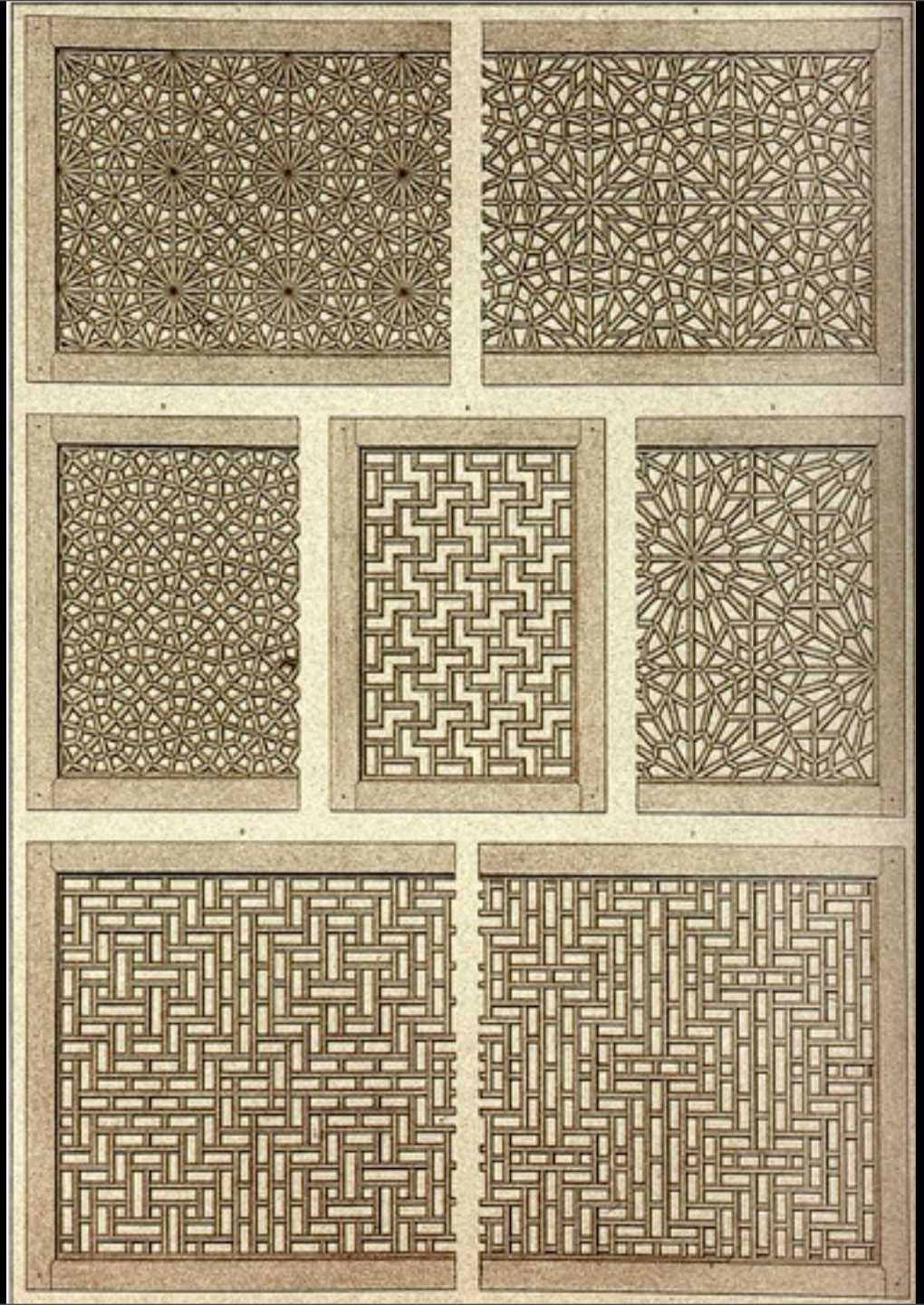
M4



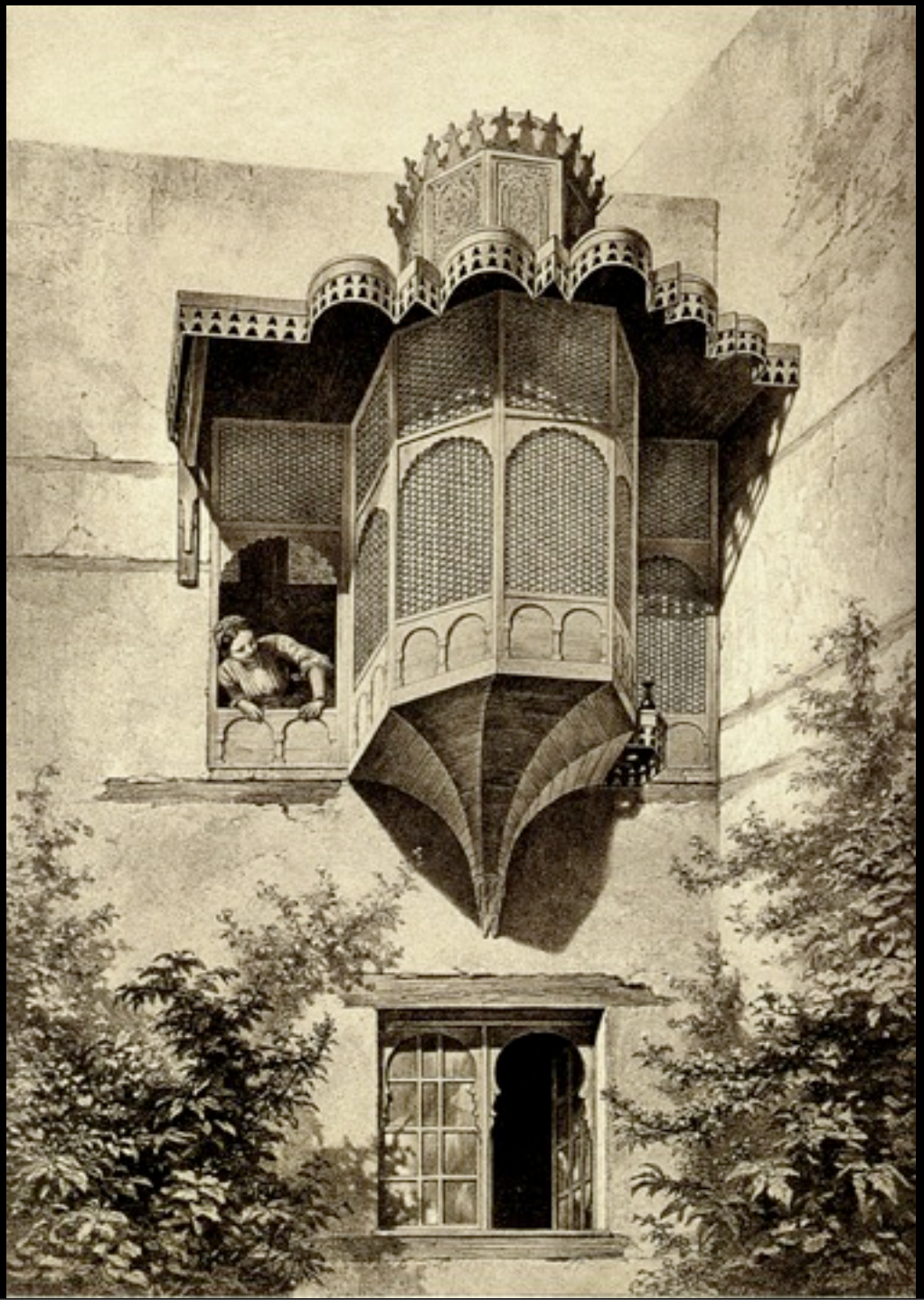
M5

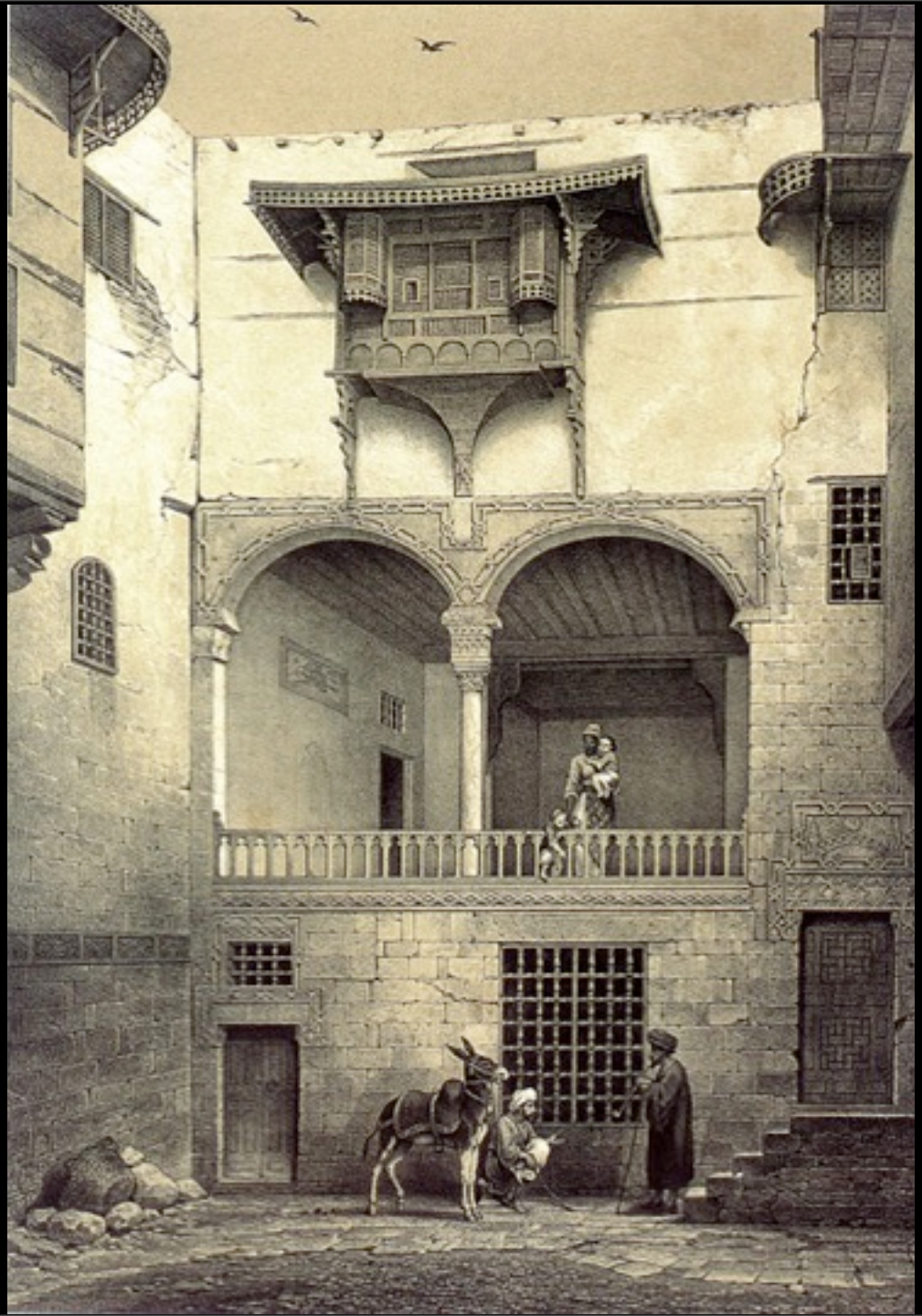


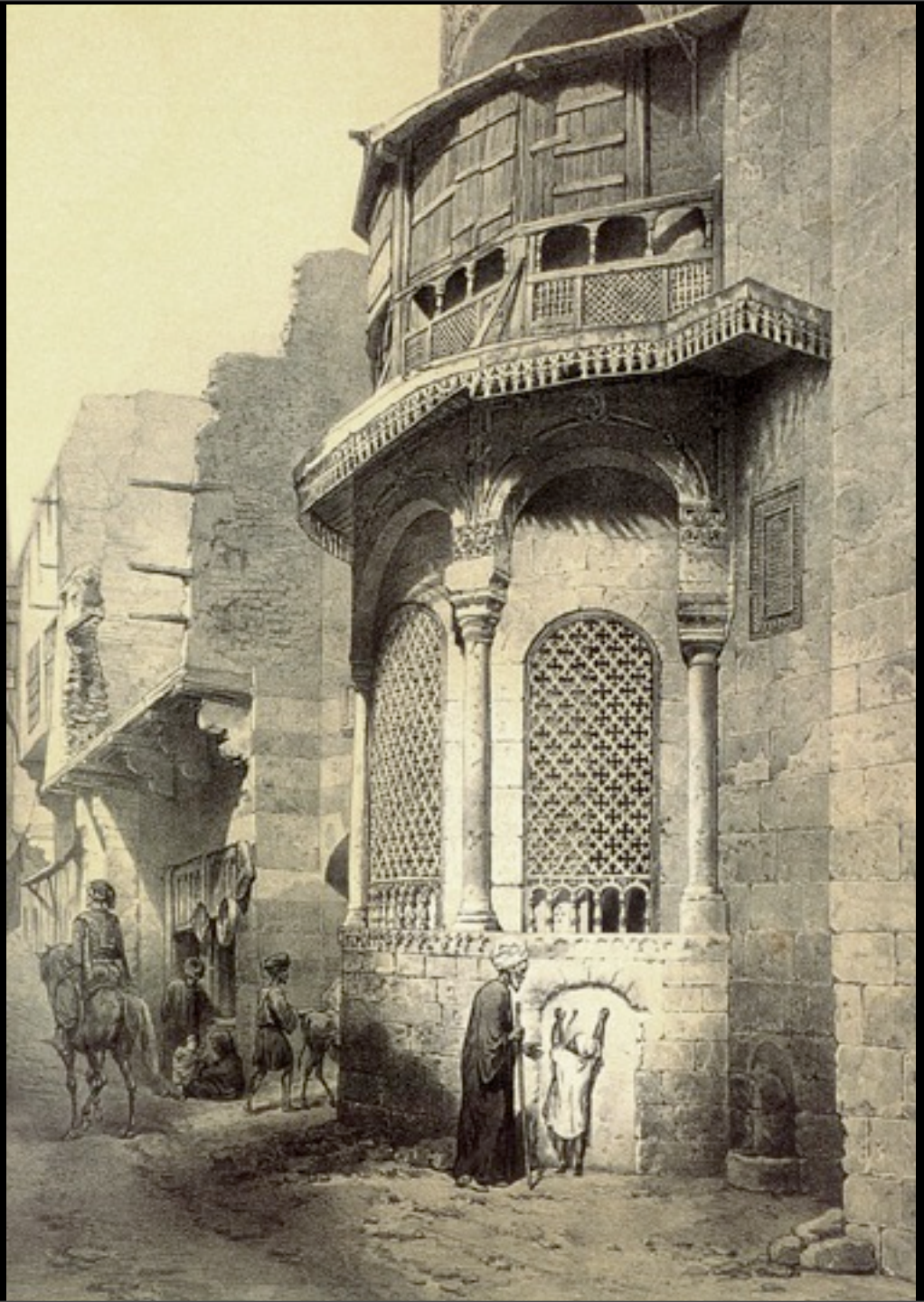
M6













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