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# Oria Kastro, an insular medieval settlement and fortress on Kythnos

An architectural, archaeological and historical investigation

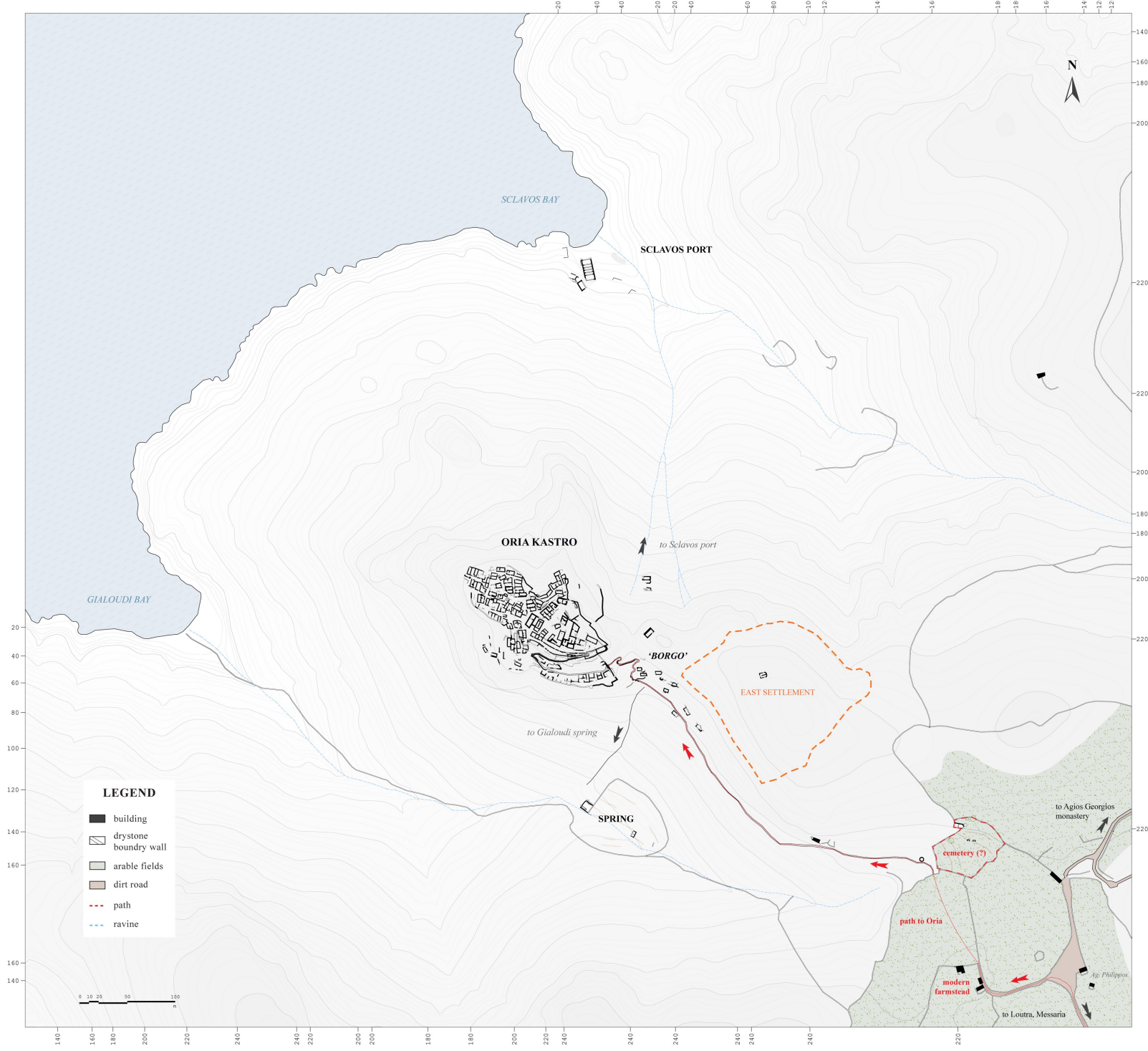
PLANS

Chrysanthi Anna Veloudaki



The University of Edinburgh

2020

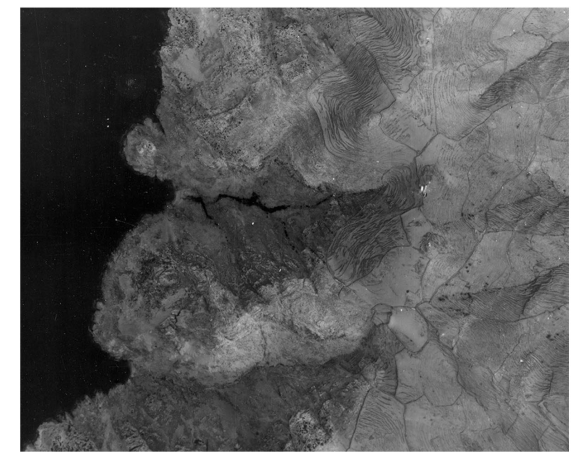


- LEGEND**
- building
  - ▭ drystone boundry wall
  - arable fields
  - dirt road
  - - - path
  - - - ravine

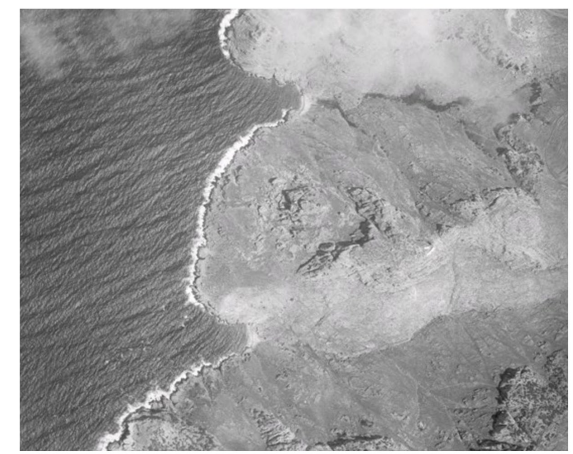


PLAN NUMBER  
**A01**

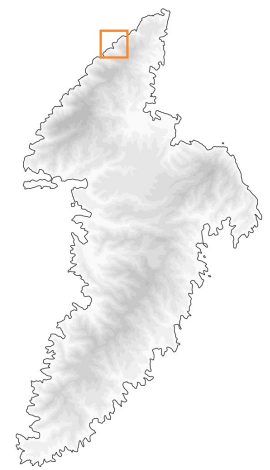
**SITE PLAN OF THE WIDER KASTRO AREA**  
SCALE 1:4000

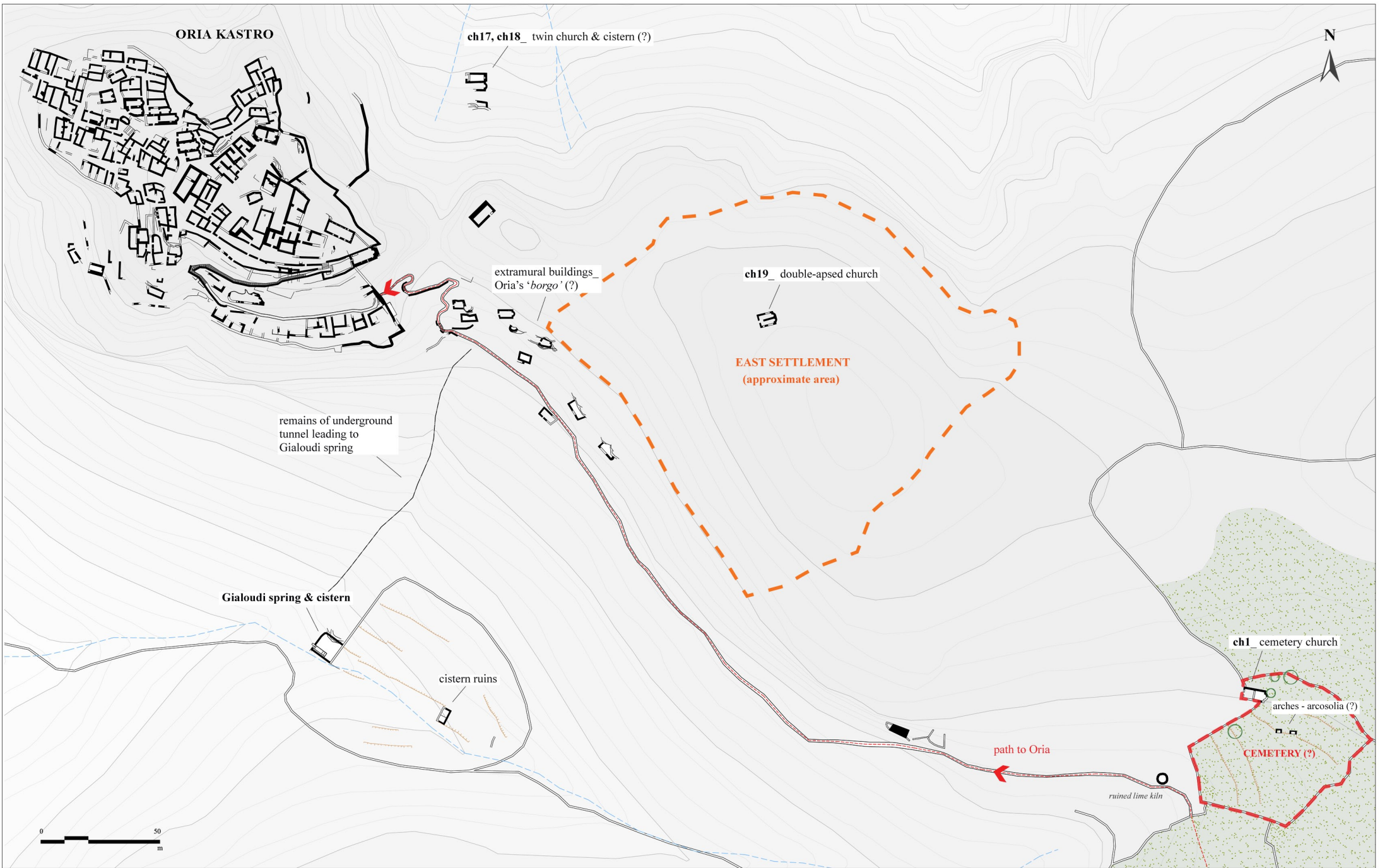


Oria Kastro area aerial photo, RAF 1943 (NCAP)



Oria Kastro area aerial photo, ΓΥΣ 2006





PLAN NUMBER  
**A02**











**SITE PLAN OF THE WIDER KASTRO AREA**  
SCALE 1:2000

### LEGEND

- secular building
- church
- gate



LEGEND

-  secular building
-  church
-  upper intramural level
-  lower intramural level
-  extramural settled area - borgo
-  tower - fortified residence
- I-VI** peripheral towers
-  gate
-  possible area of upper level gate
-  possible entry route to upper level
-  route to port / spring



to Slavos port



extramural watchtower covering both entrances



ch.3

ch.5

ch.2

to Gialoudi spring

proteichisma (?)

peripheral tower

curtain wall with loopholes

main gate

possible site of collapsed postern gate

collapsed tower (?)

partitioning wall

curtain wall with loopholes

peripheral tower

tower

cancelleria (?)

tower / donjon - ultimate refuge

tower / fortified residence - Gozzadini manor (?)

partitioning wall

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LEGEND

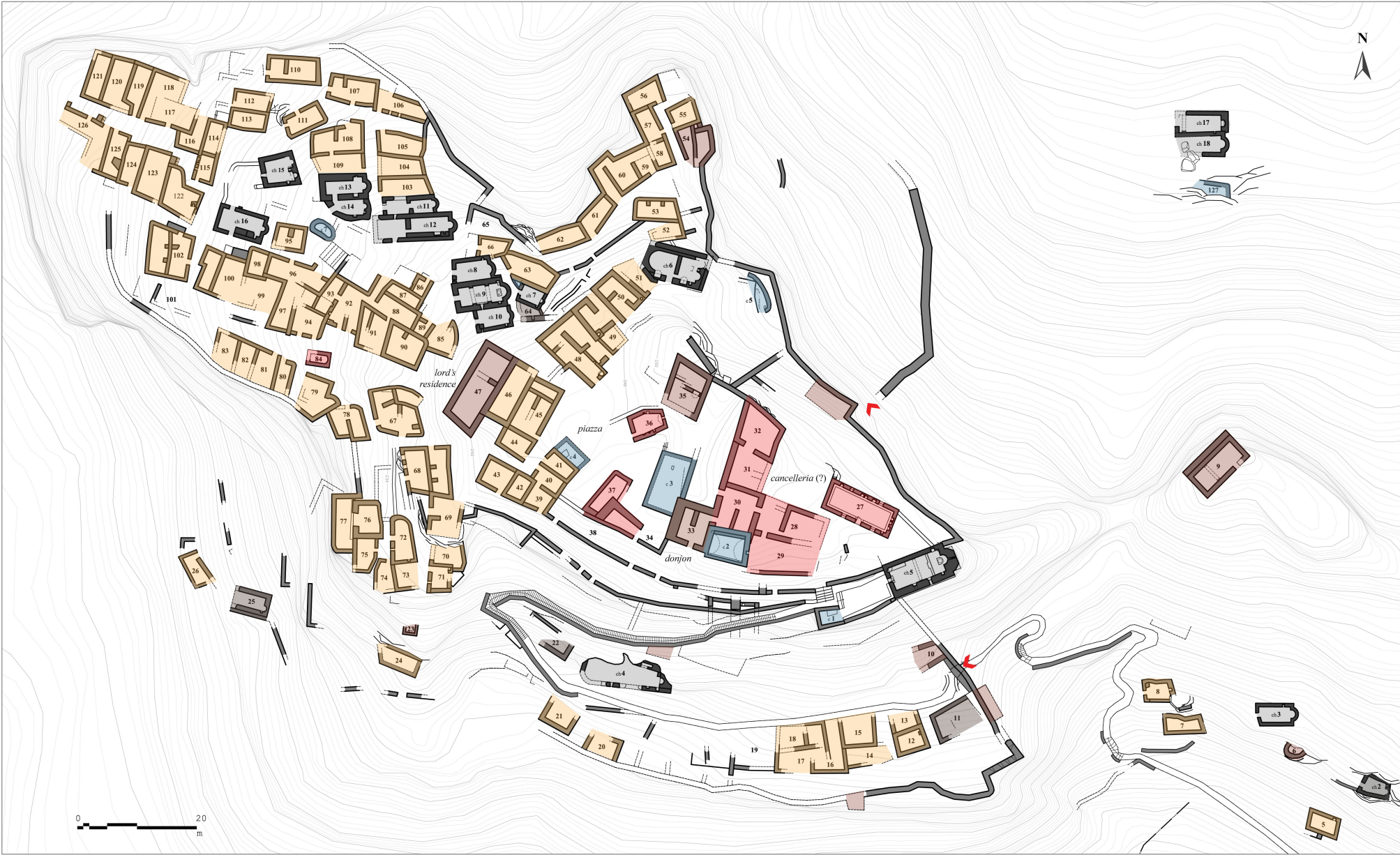
-  secular building
-  church
-  open space - square
-  road network
-  building's entrance
-  gate
-  current access route
-  possible entry route to upper level

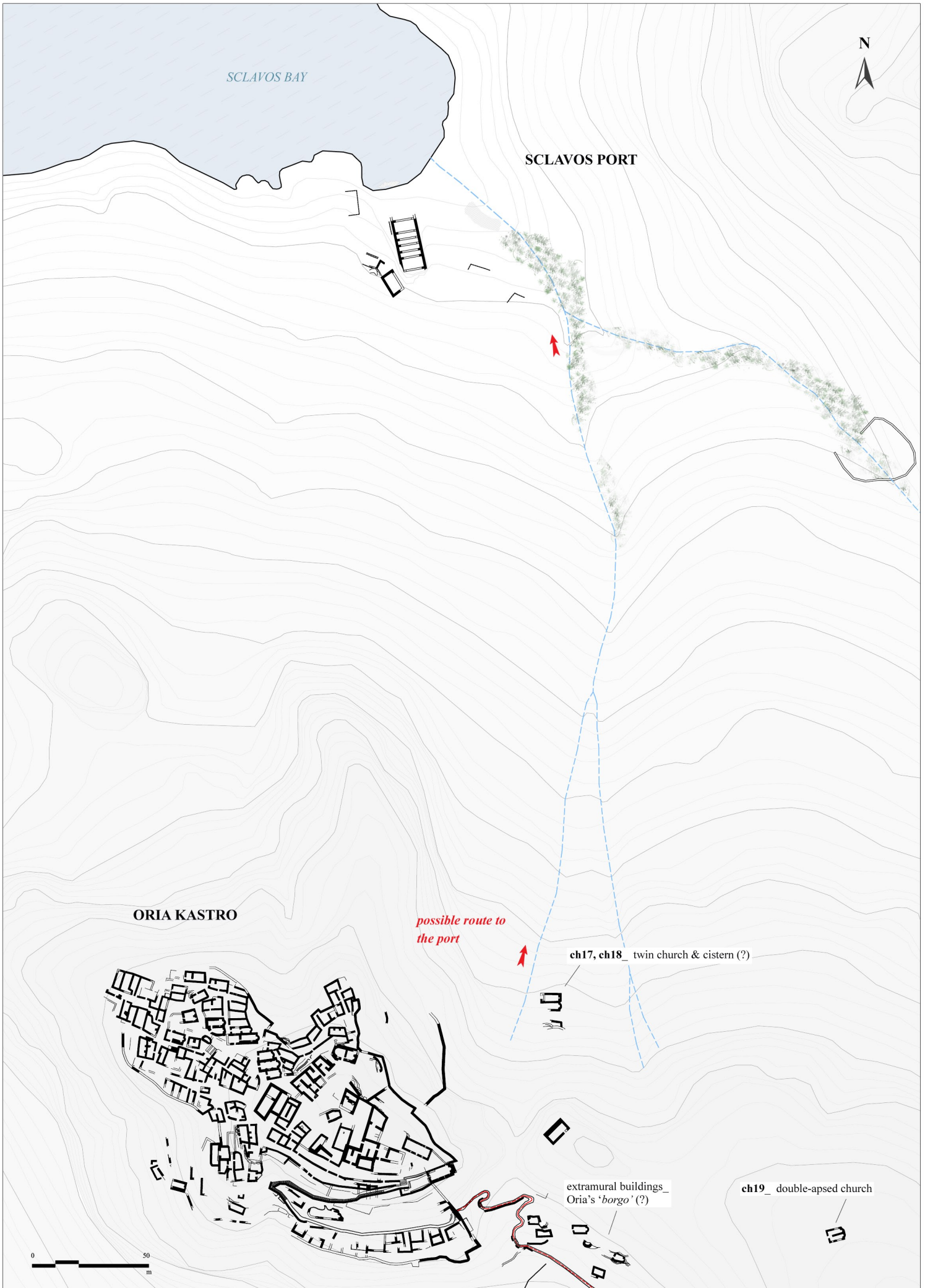


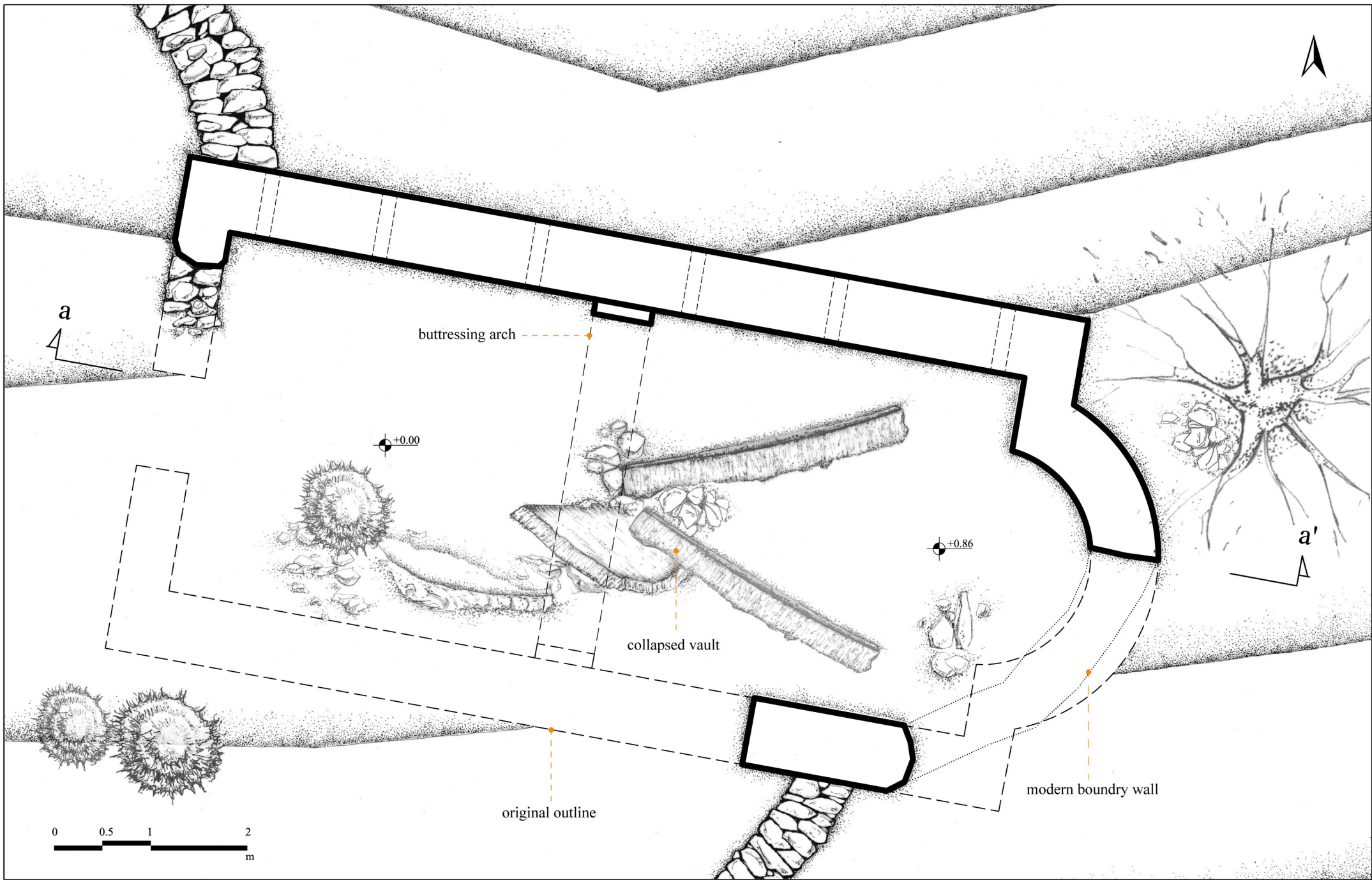


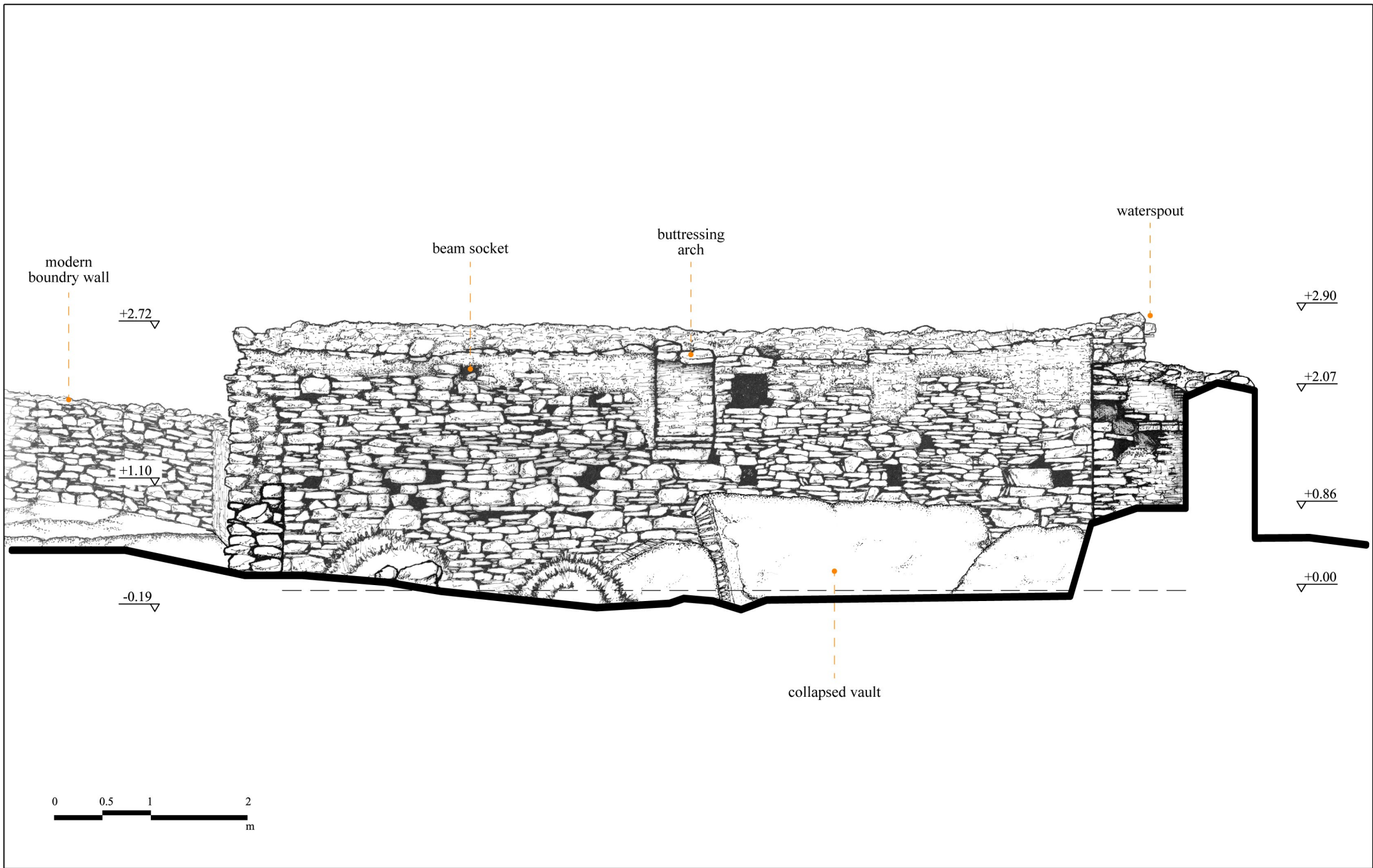
LEGEND

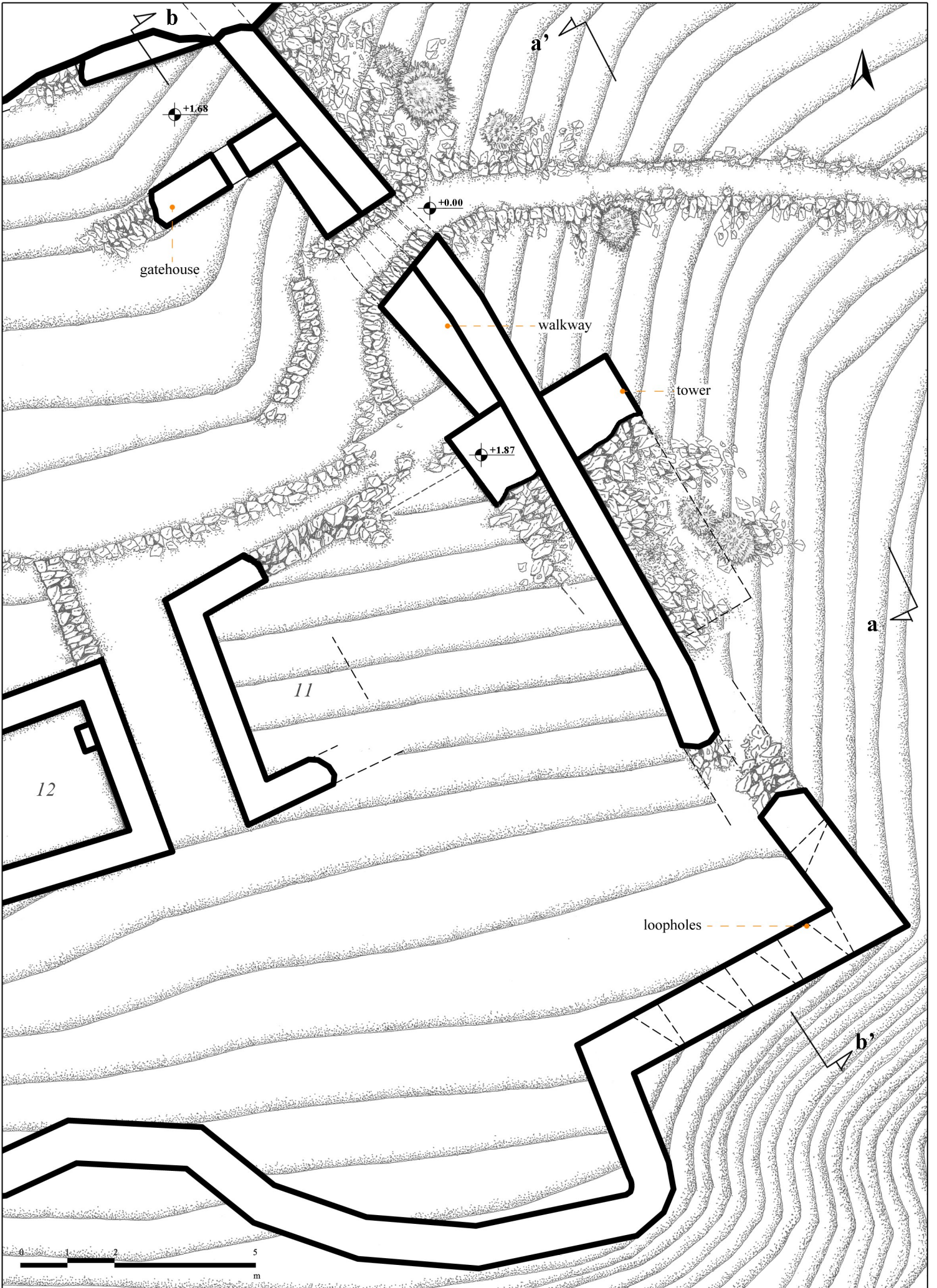
- domestic building
- church
- administrative / public building
- tower / fortified residence
- cistern
- ancillary / unknown use
- gate

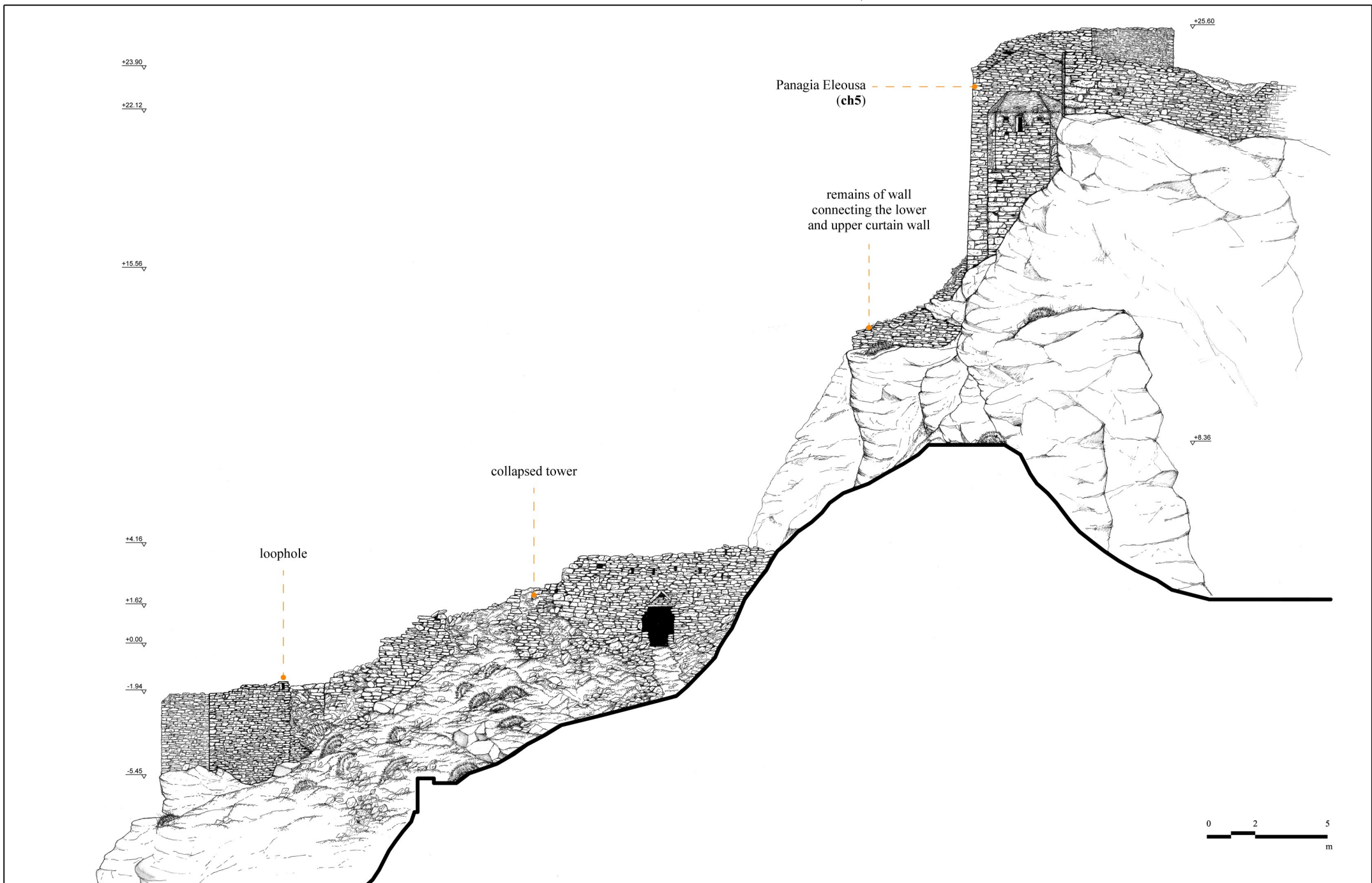


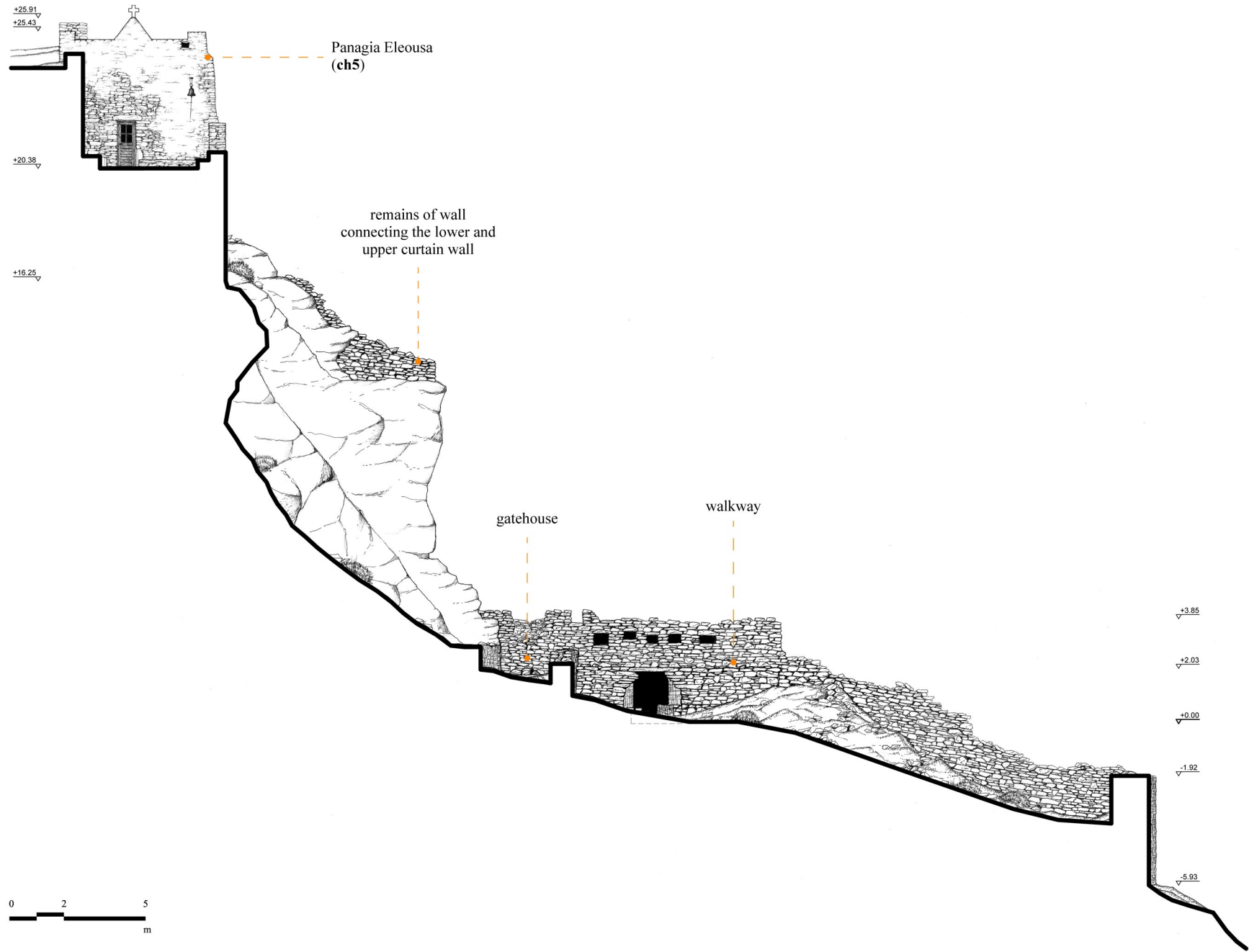


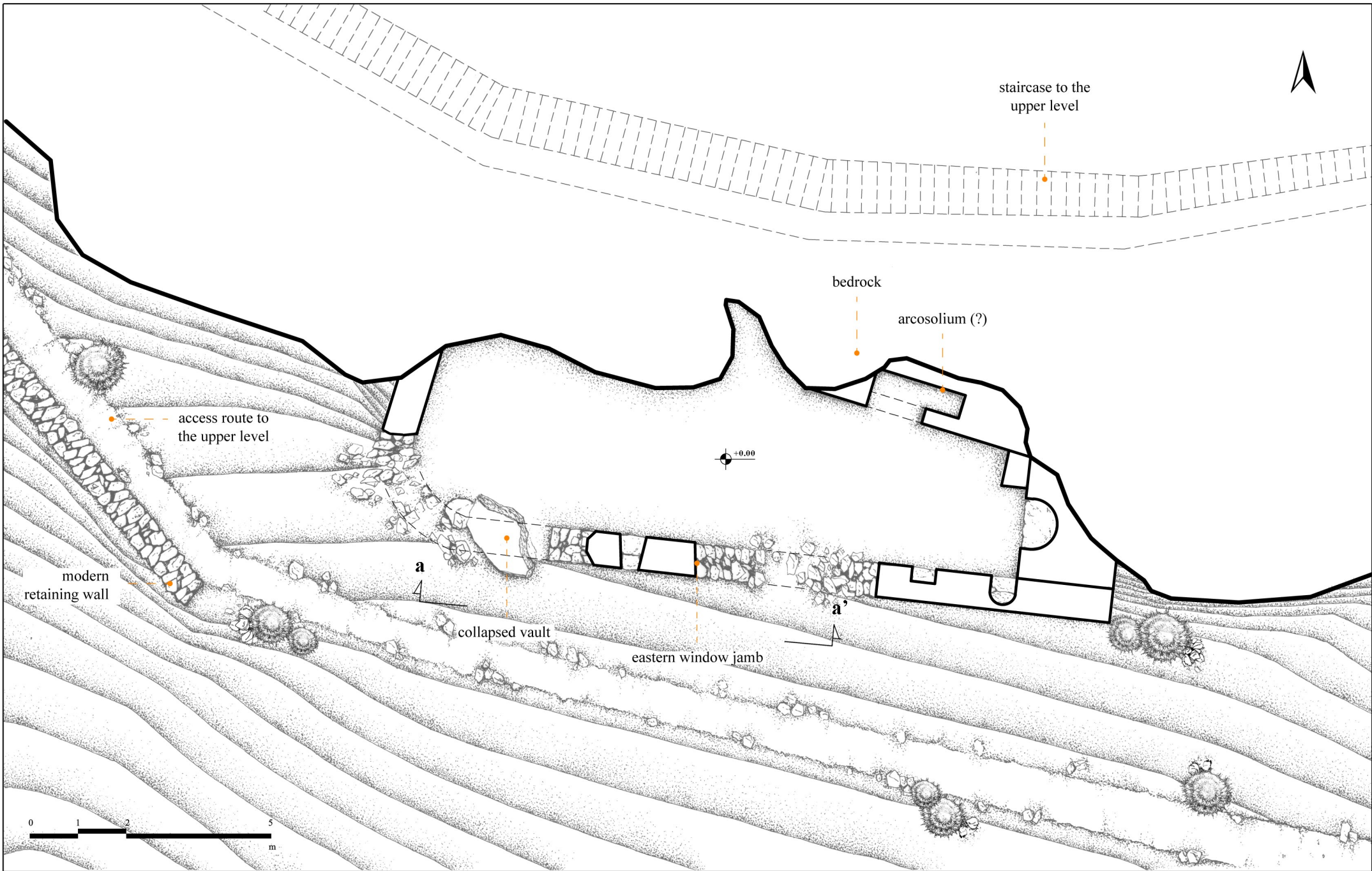


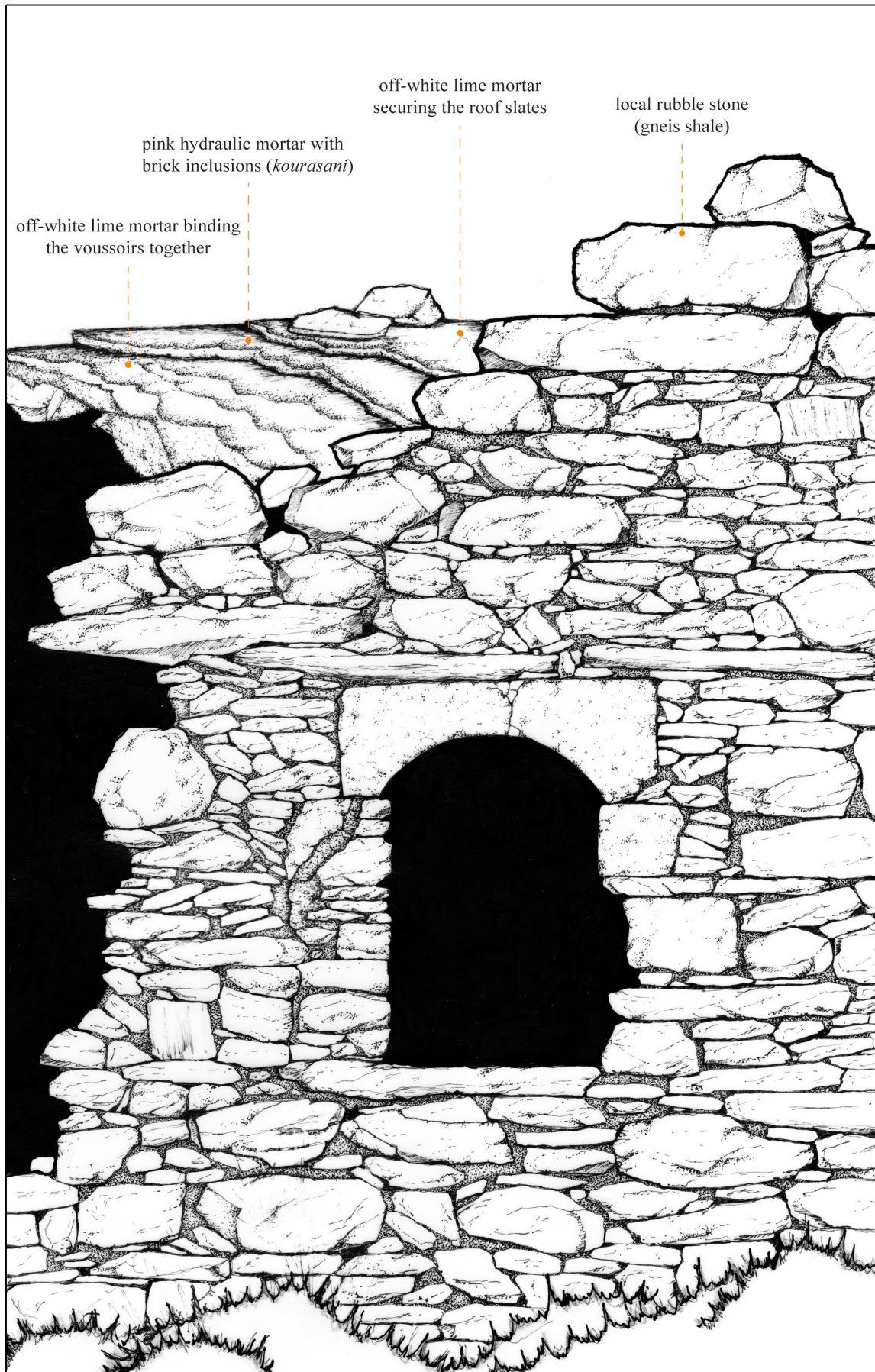


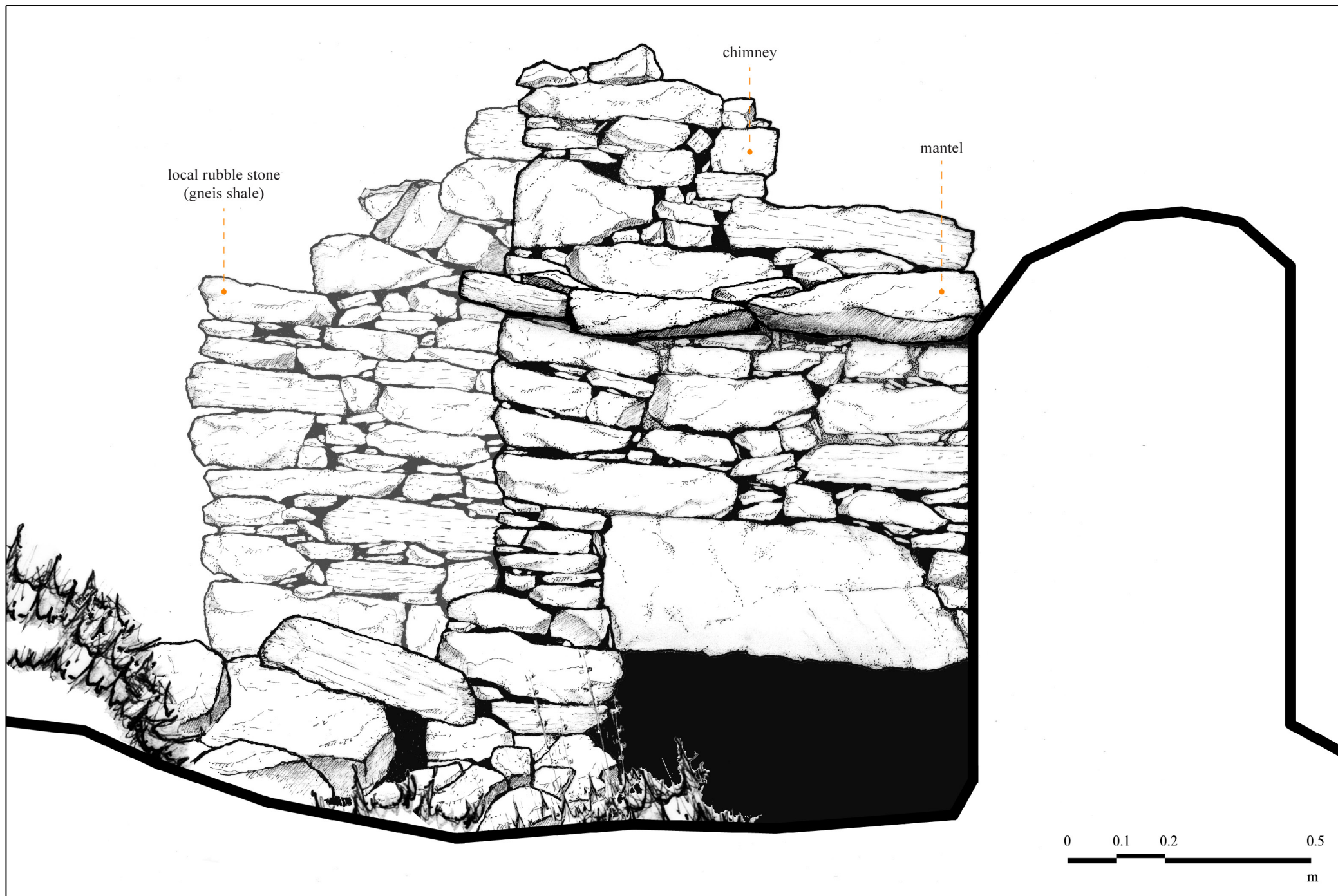




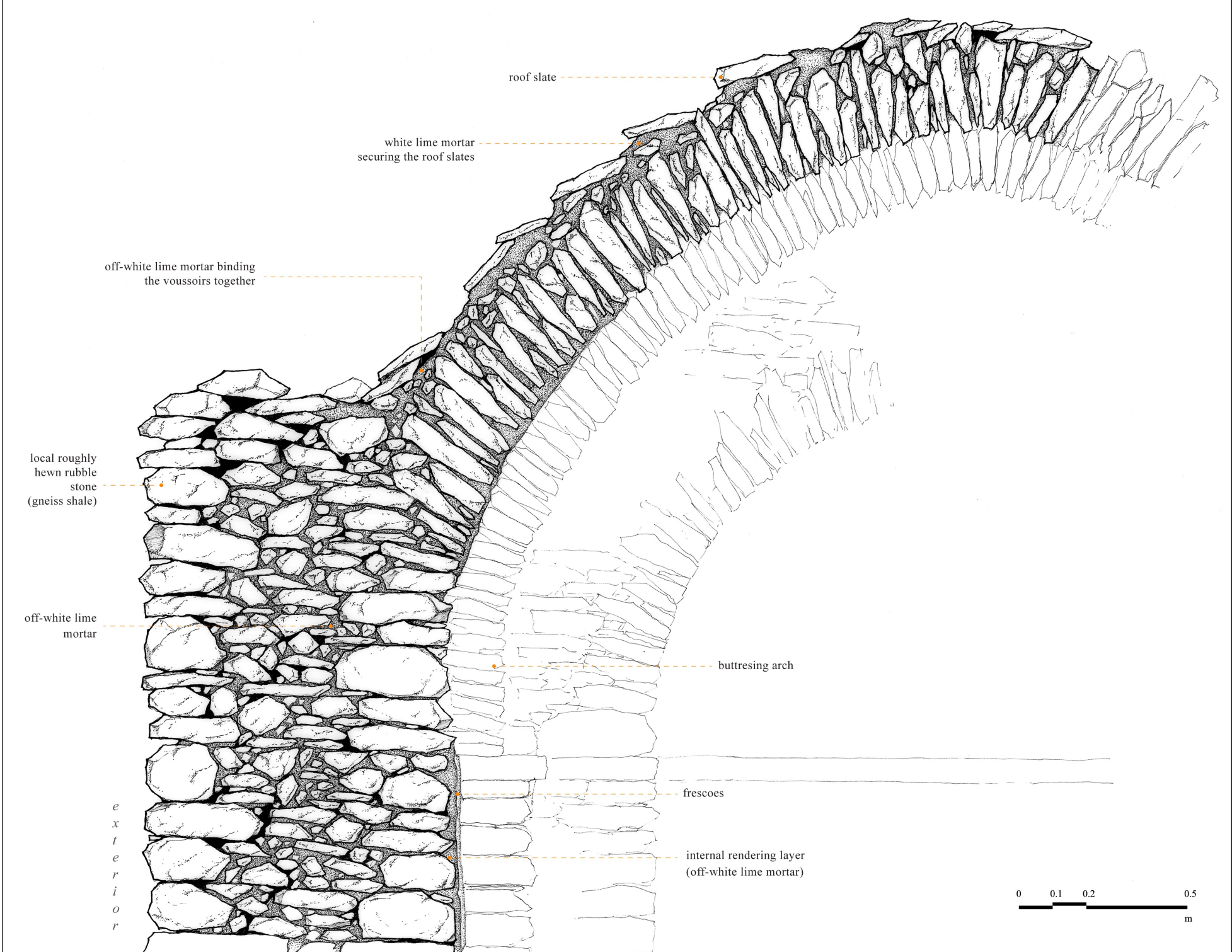








**POINTED  
BARREL - VAULT**  
(Agia Triada church )  
\_ a-a' cross section



local roughly  
hewn rubble  
stone  
(gneiss shale)

off-white lime  
mortar

e  
x  
t  
e  
r  
i  
o  
r

roof slate

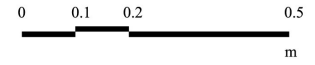
white lime mortar  
securing the roof slates

off-white lime mortar binding  
the voussoirs together

buttressing arch

frescoes

internal rendering layer  
(off-white lime mortar)

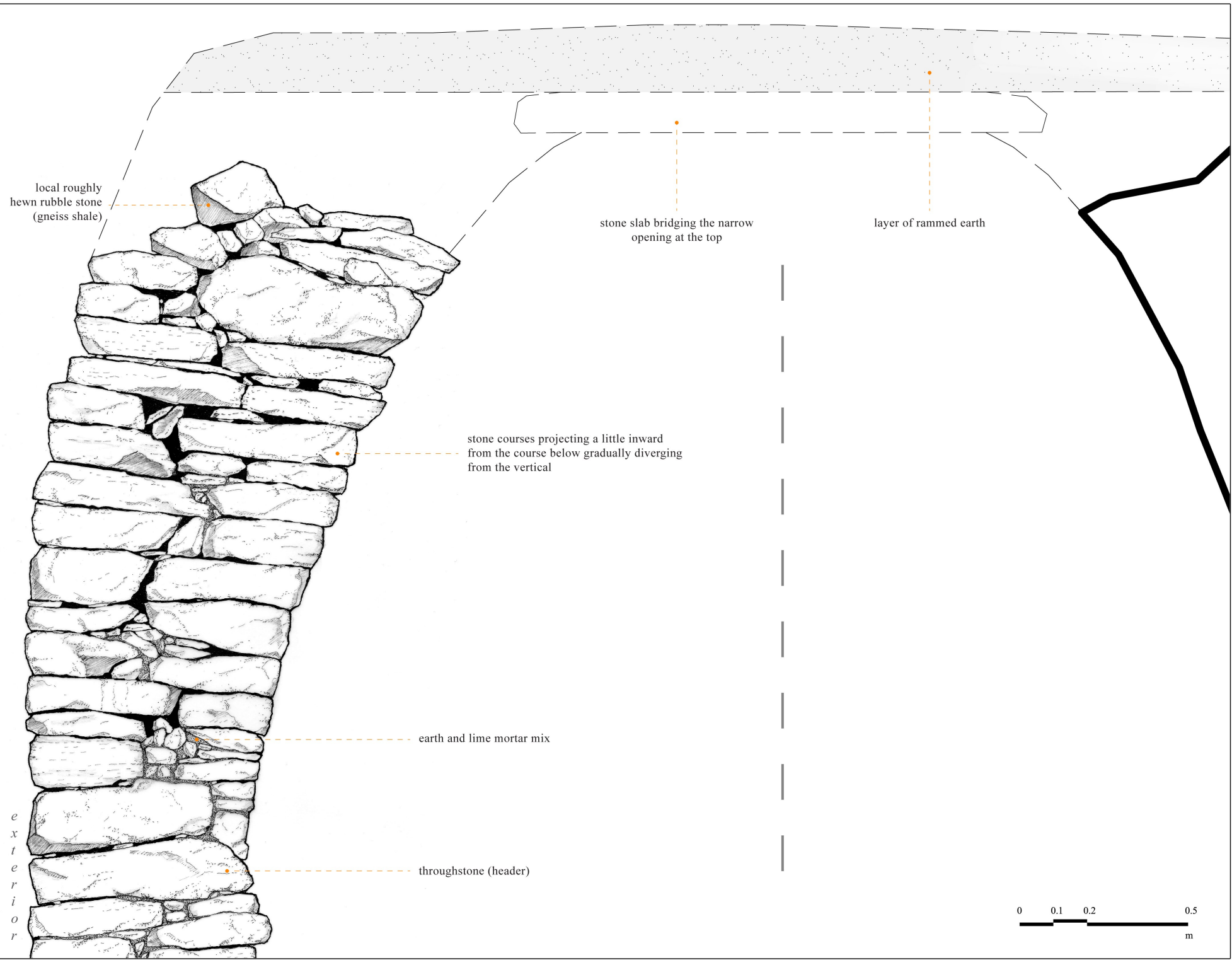


**CORBELLED VAULT**

(63)

**\_ cross section**

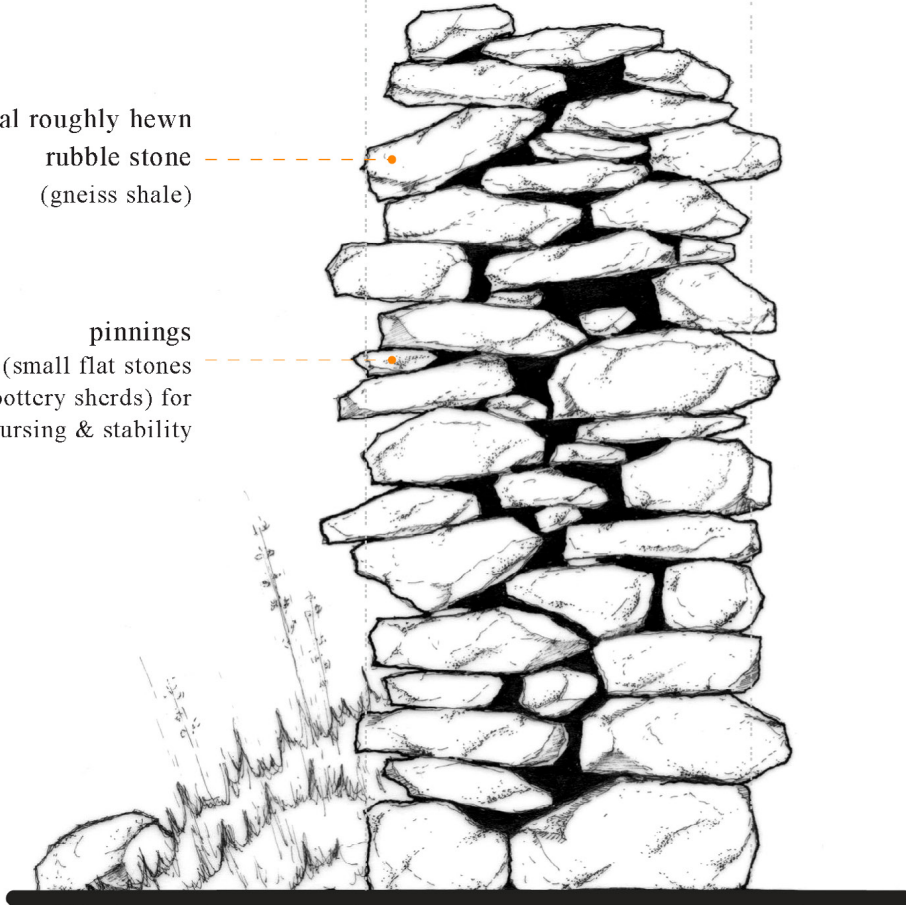
SCALE **1:10**



**DRYSTONE WALL:**

local roughly hewn  
rubble stone  
(gneiss shale)

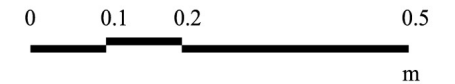
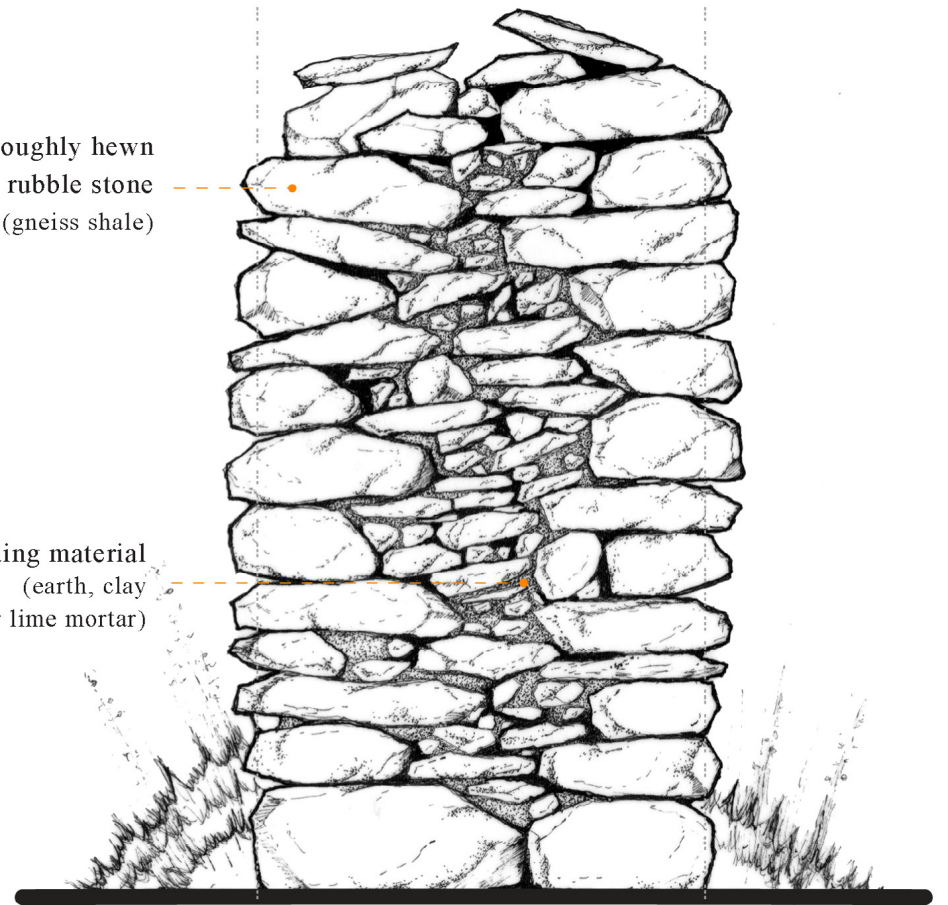
pinnings  
(small flat stones  
/pottery sherds) for  
coursing & stability



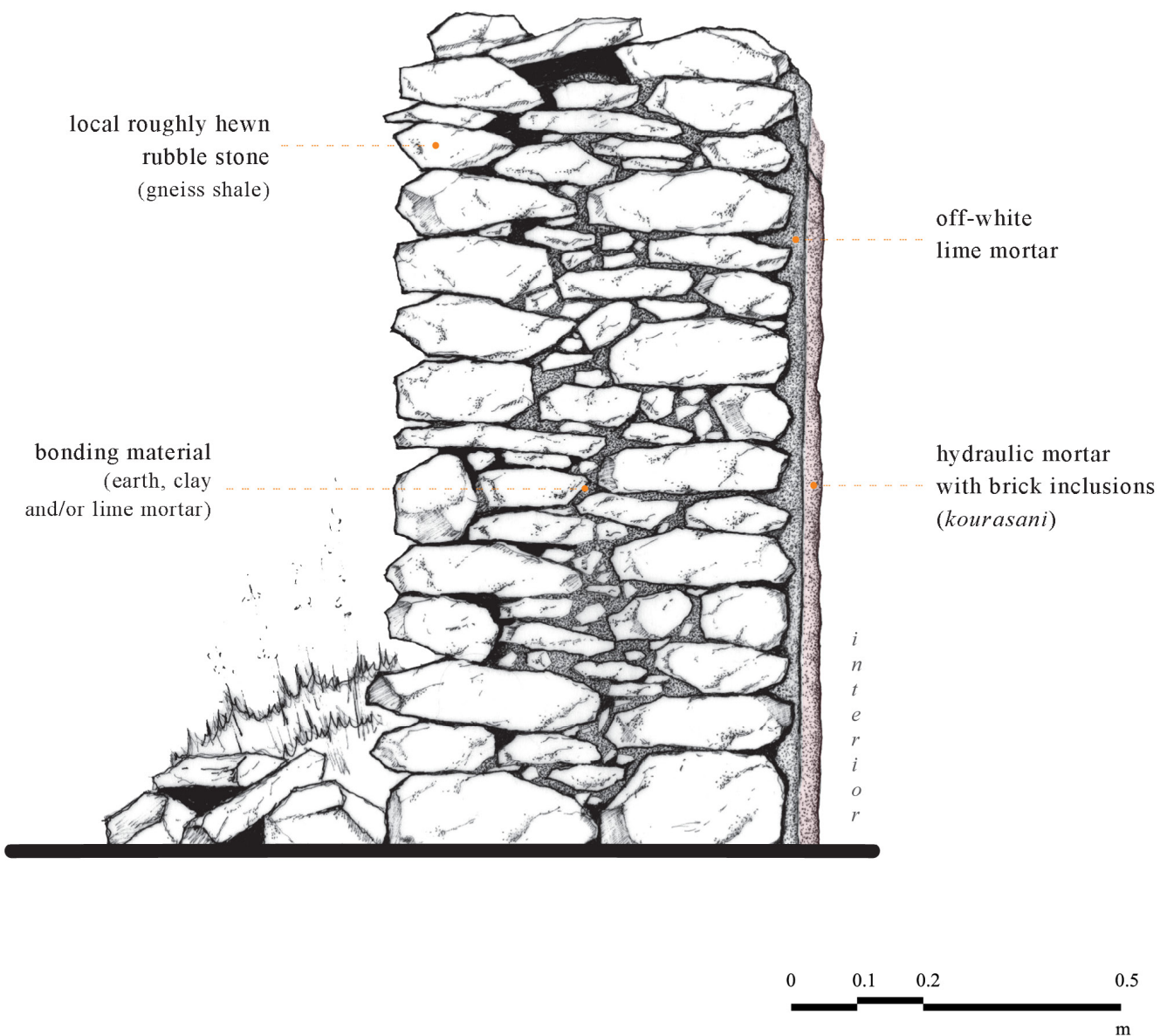
**BONDED WALL:**

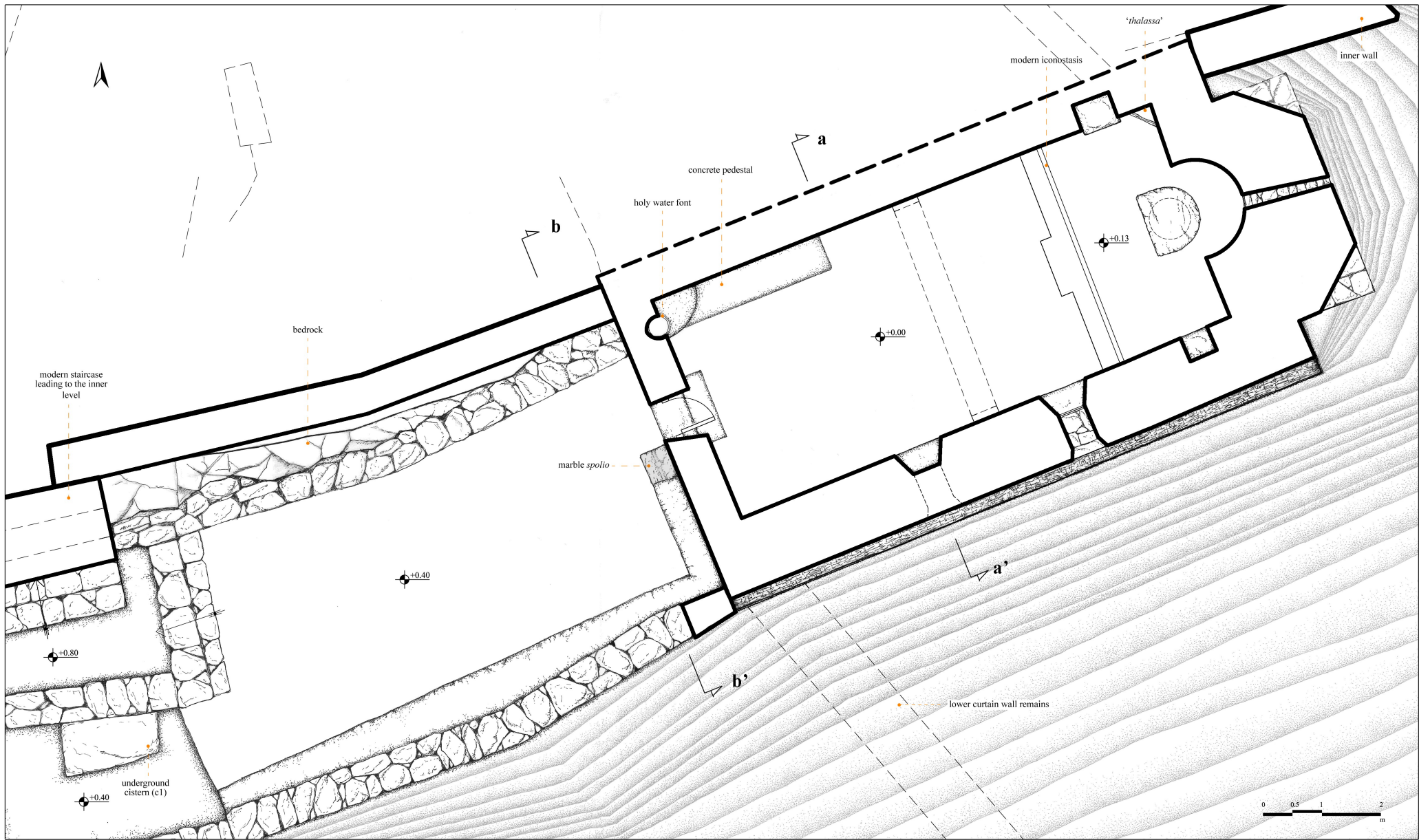
local roughly hewn  
rubble stone  
(gneiss shale)

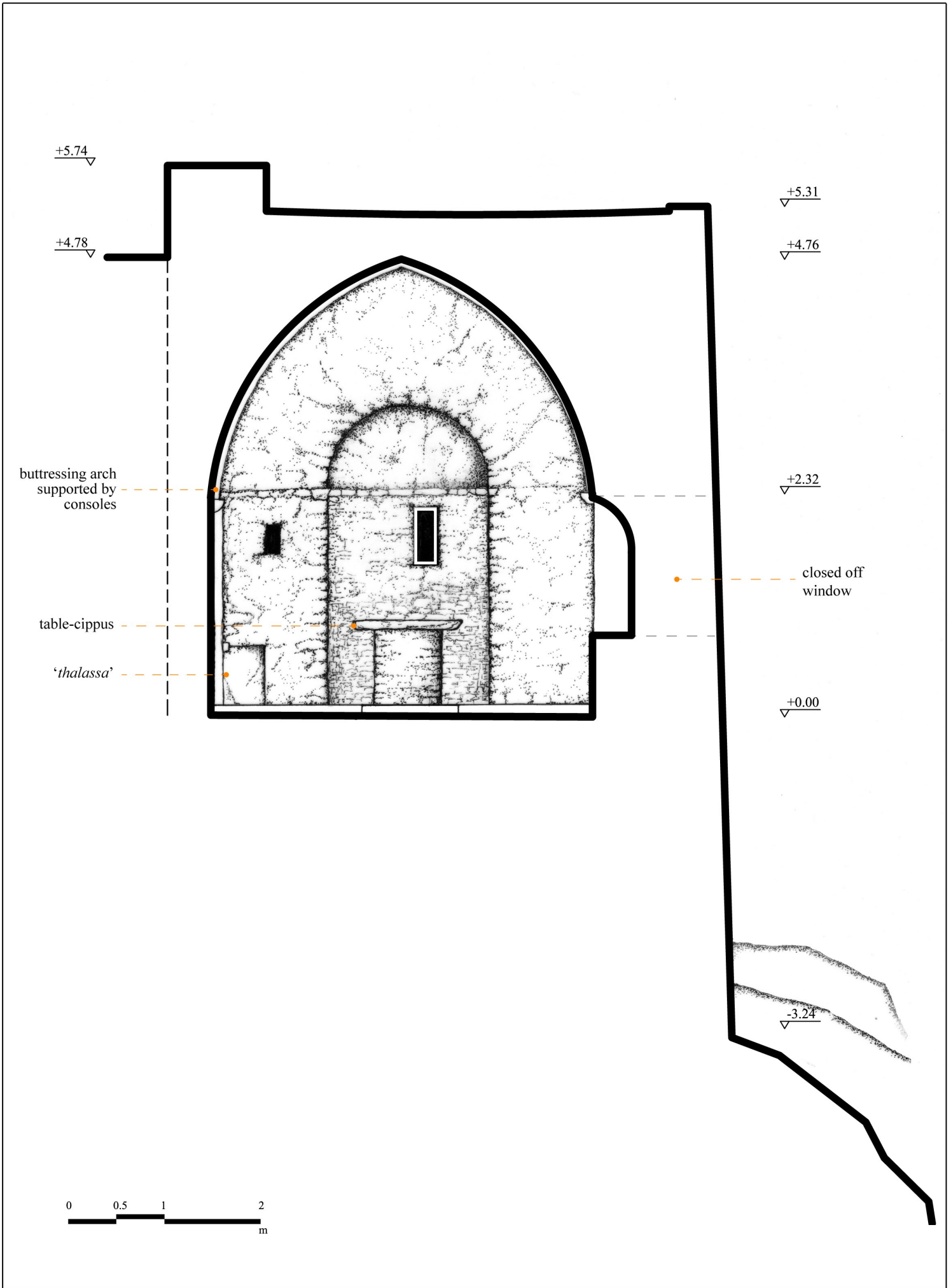
bonding material  
(earth, clay  
and/or lime mortar)

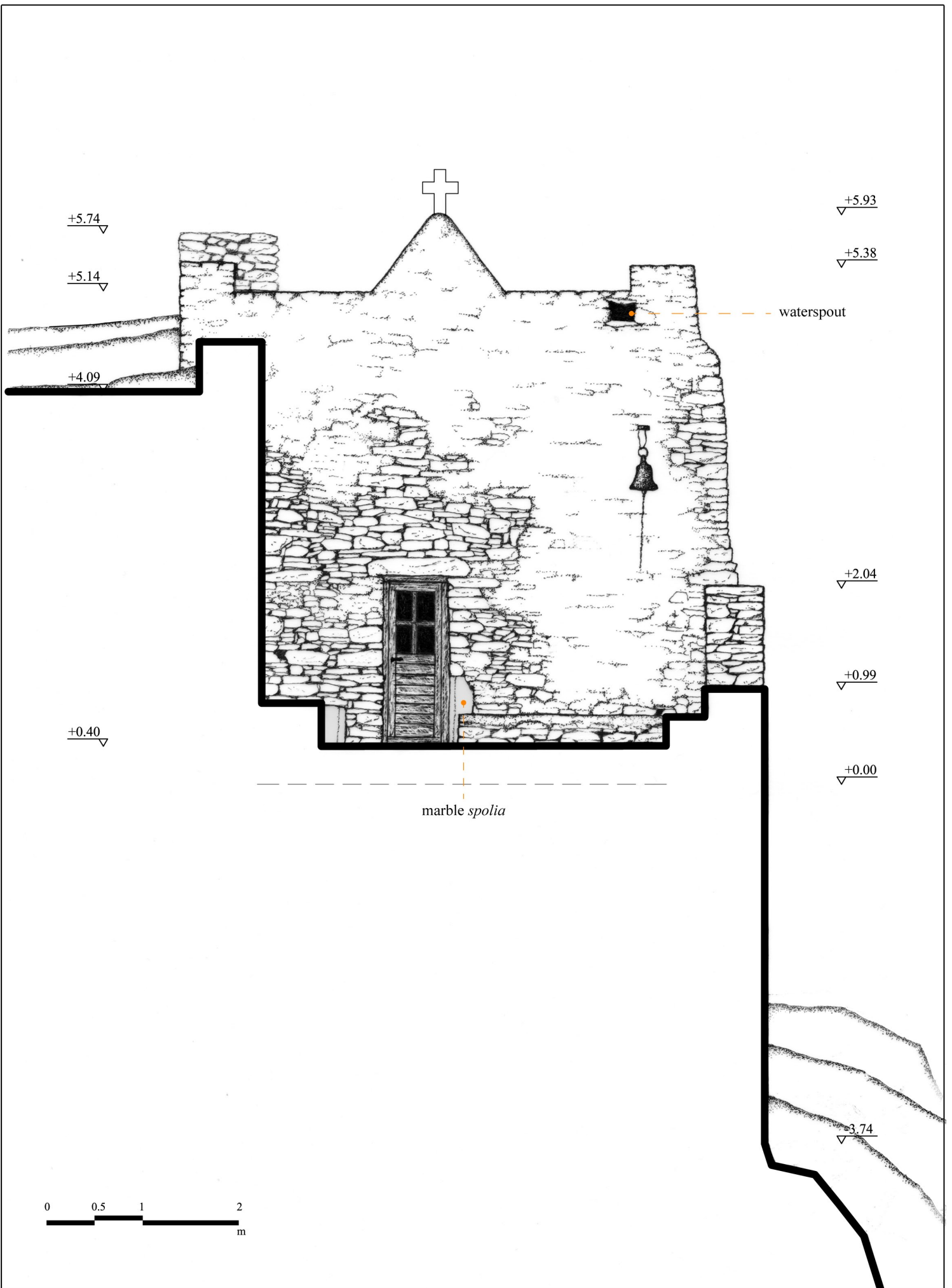


**CISTERN WALL:**



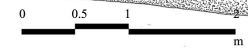
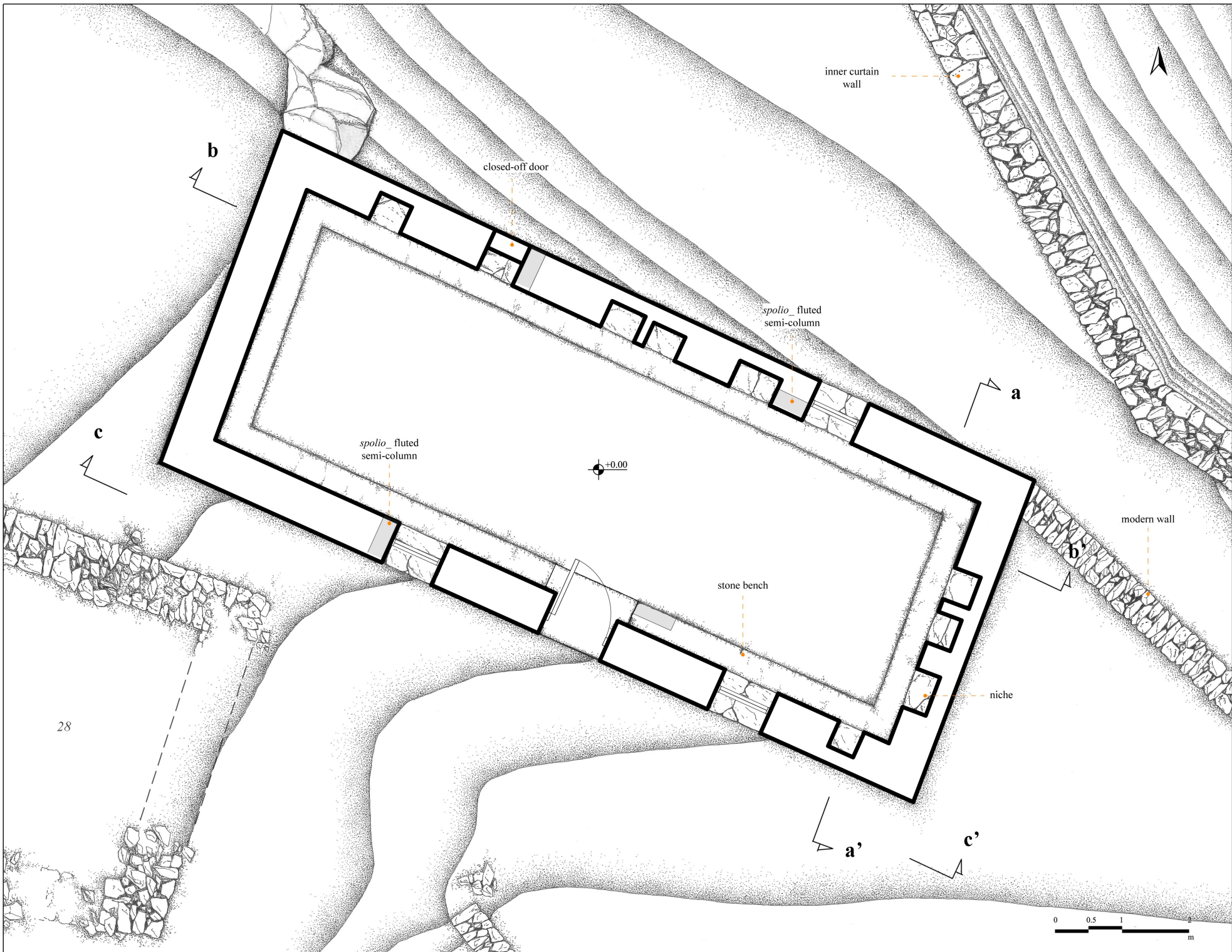


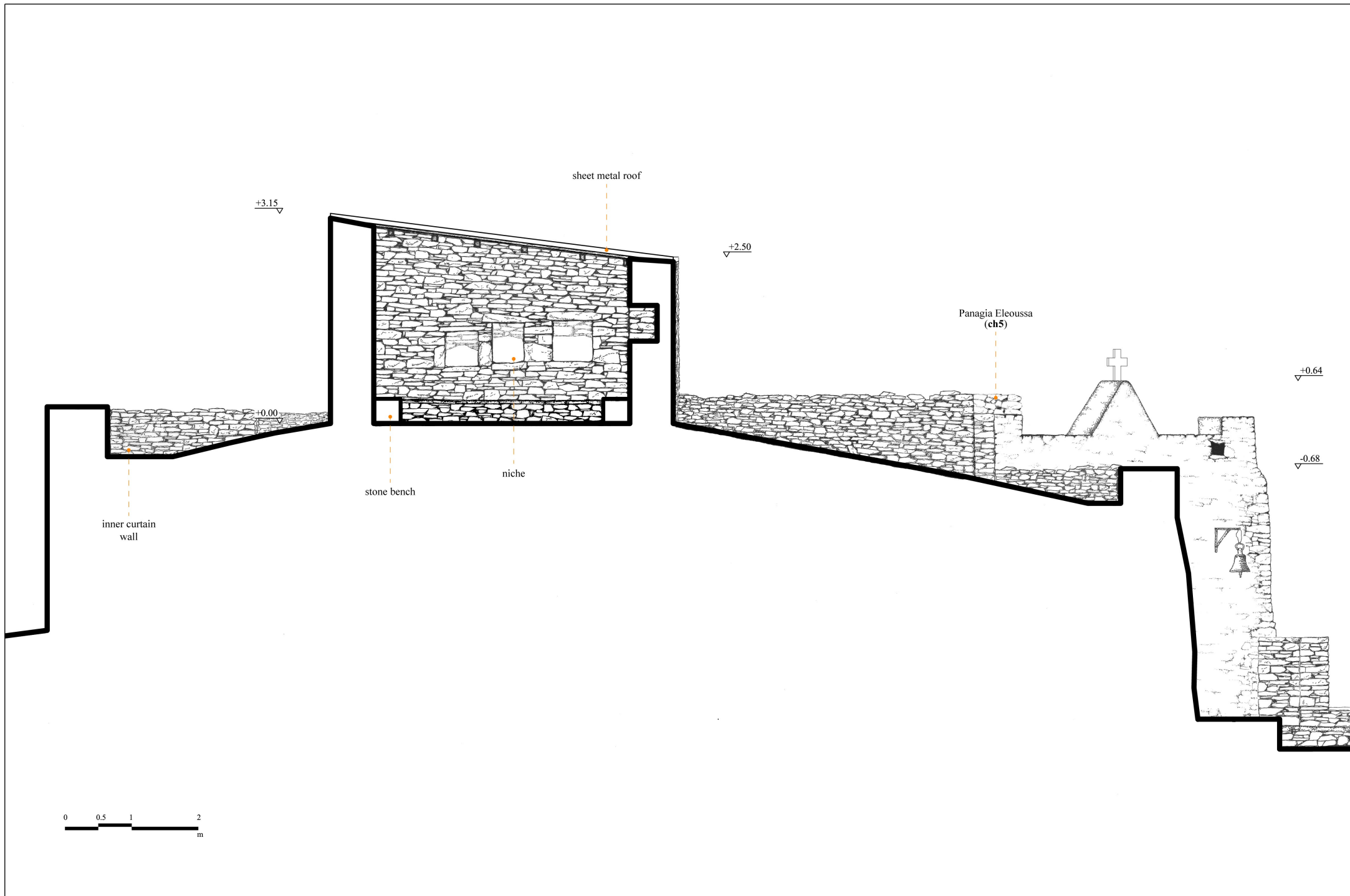


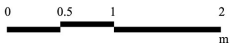
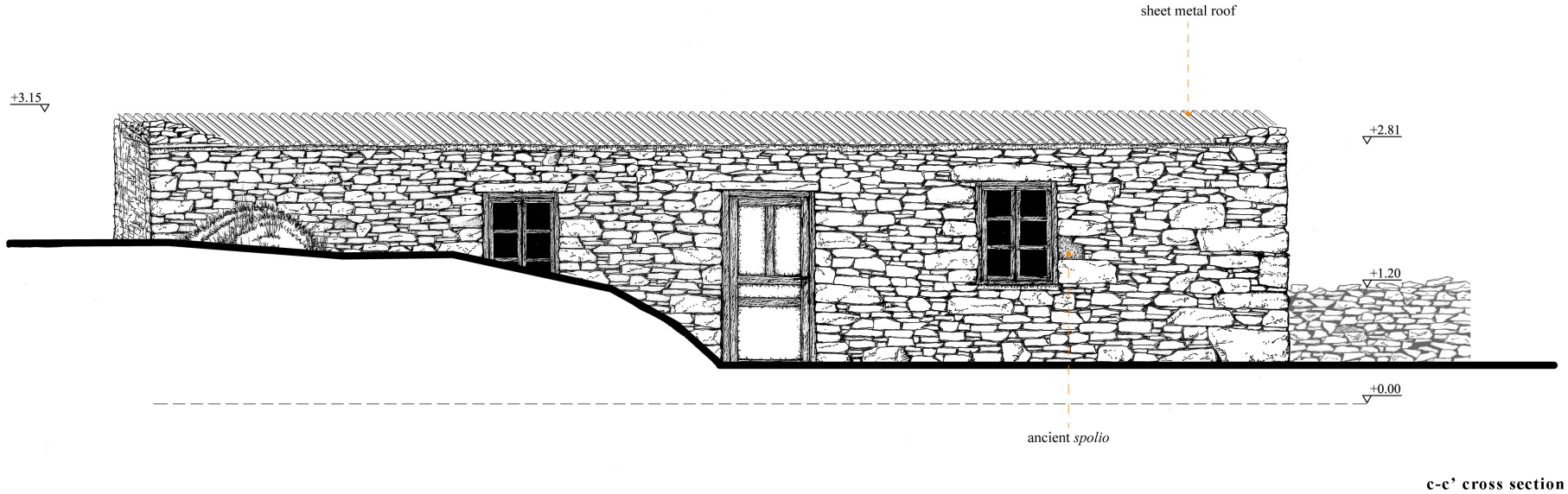
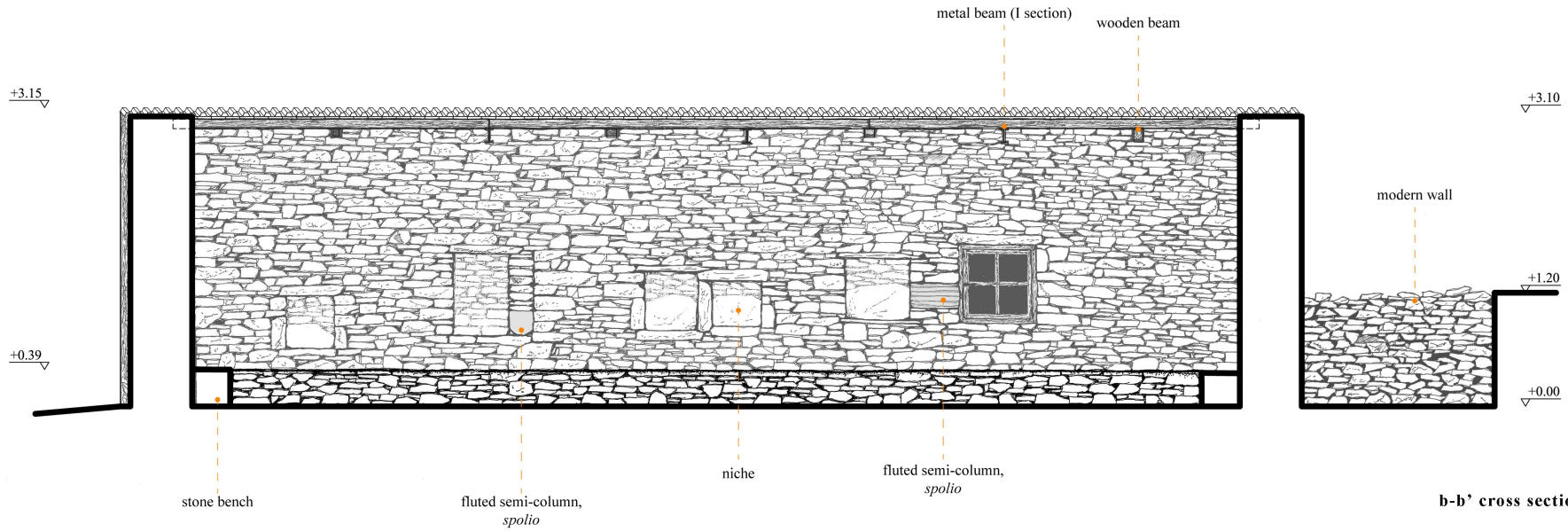


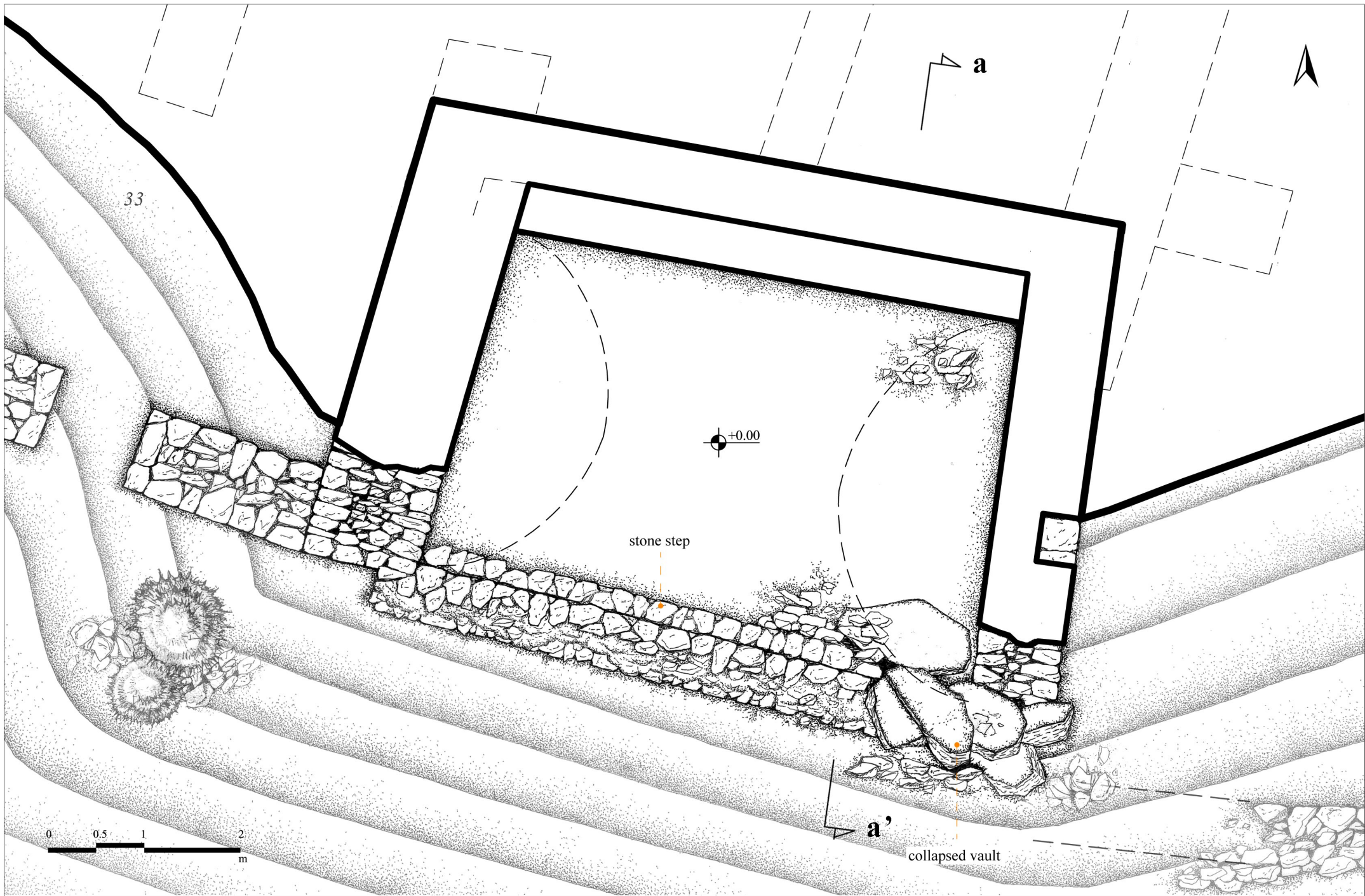


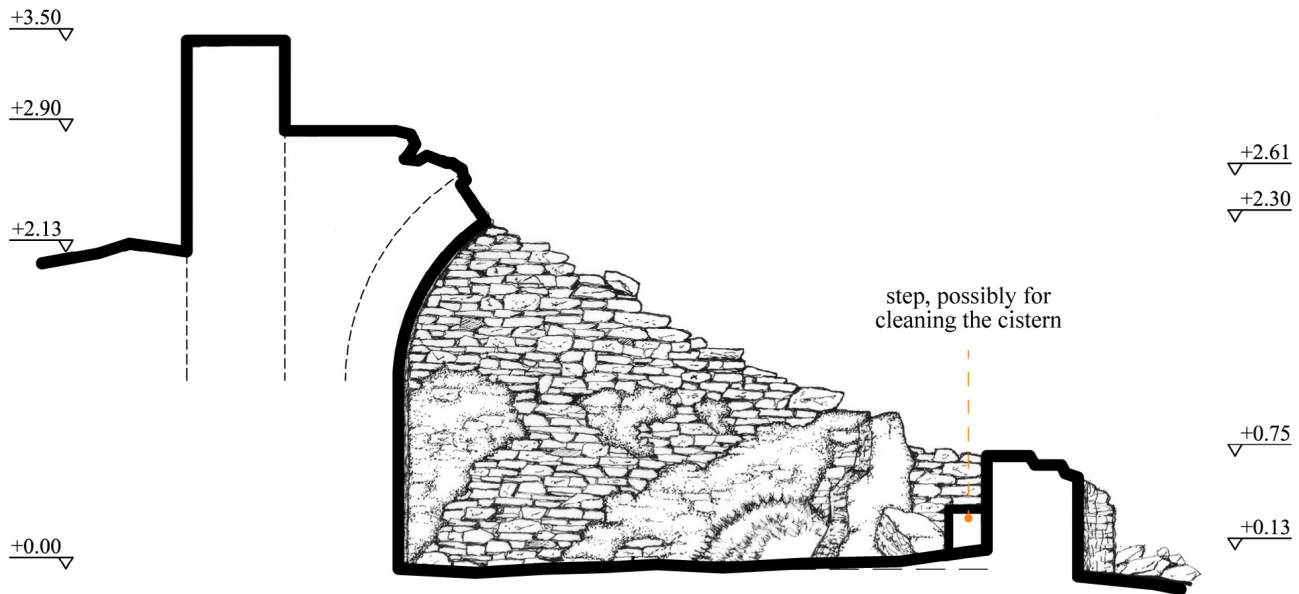
**PANAGIA ELEOUSA'S ANCILLARY BUILDING (27)\_ floor plan**



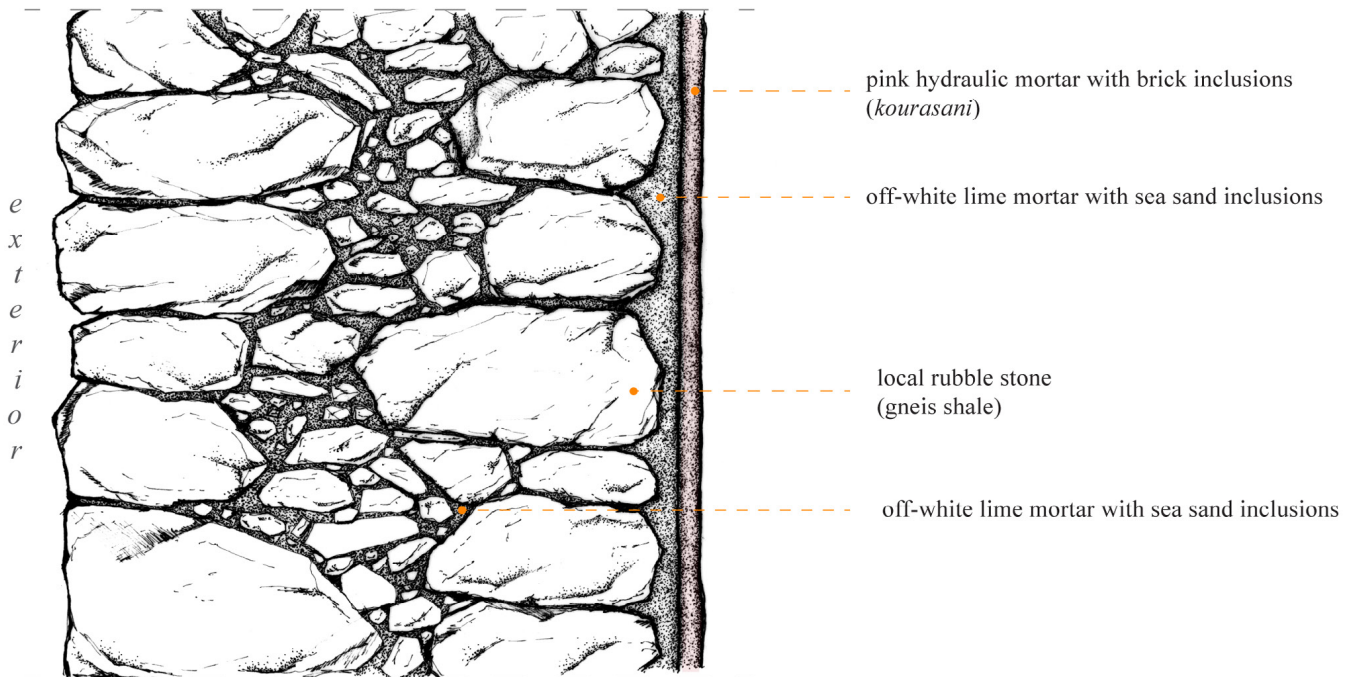
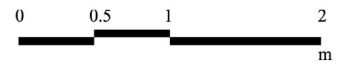








a-a' cross section



SURVEY OF INDIVIDUAL BUILDINGS

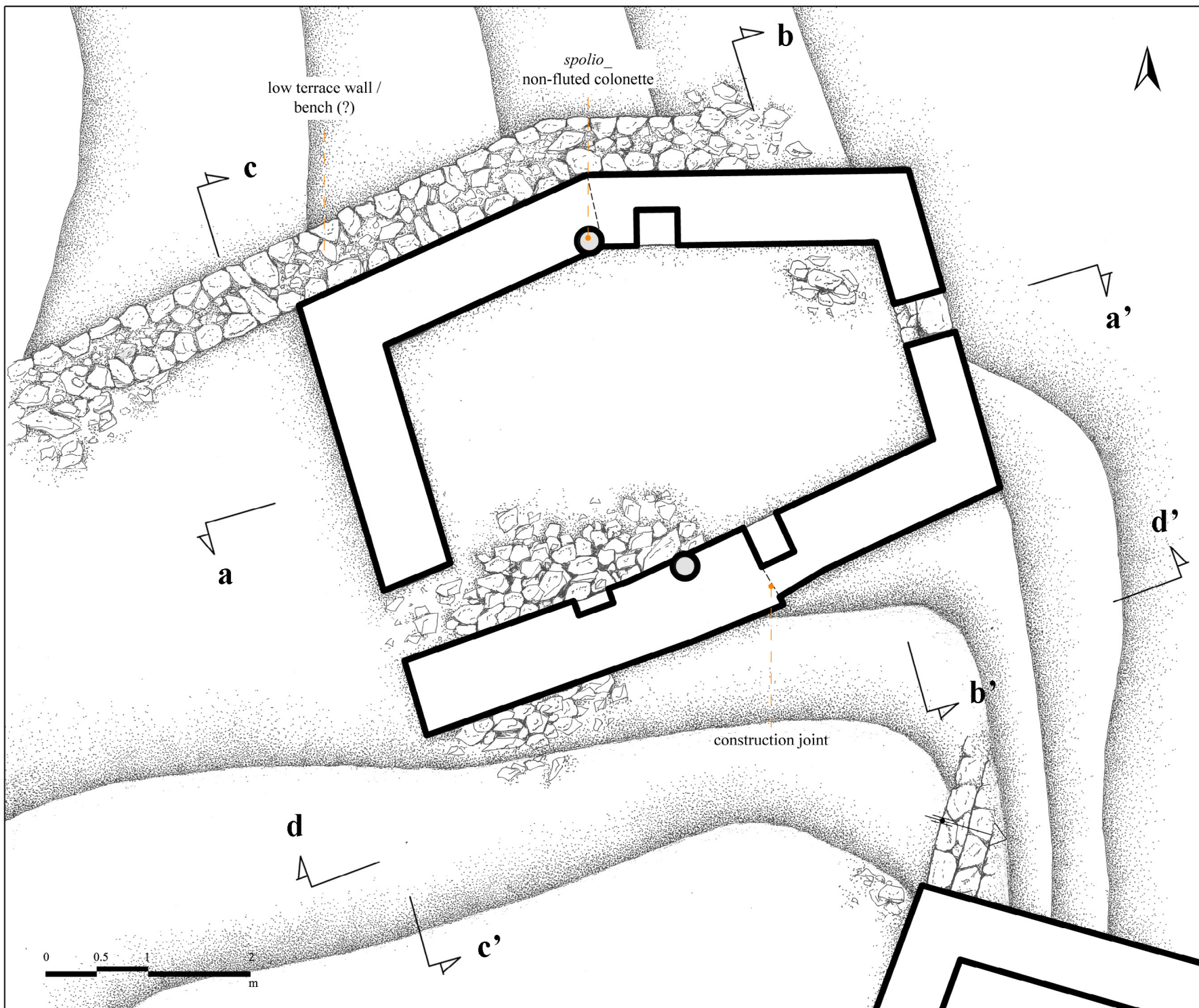


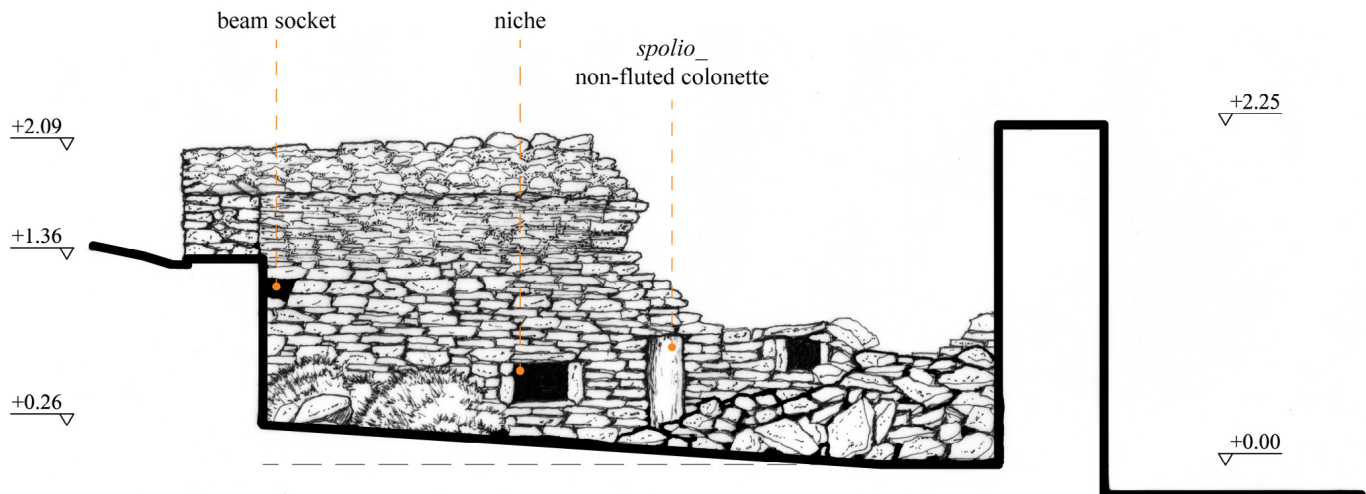
PLAN NUMBER

**B21**

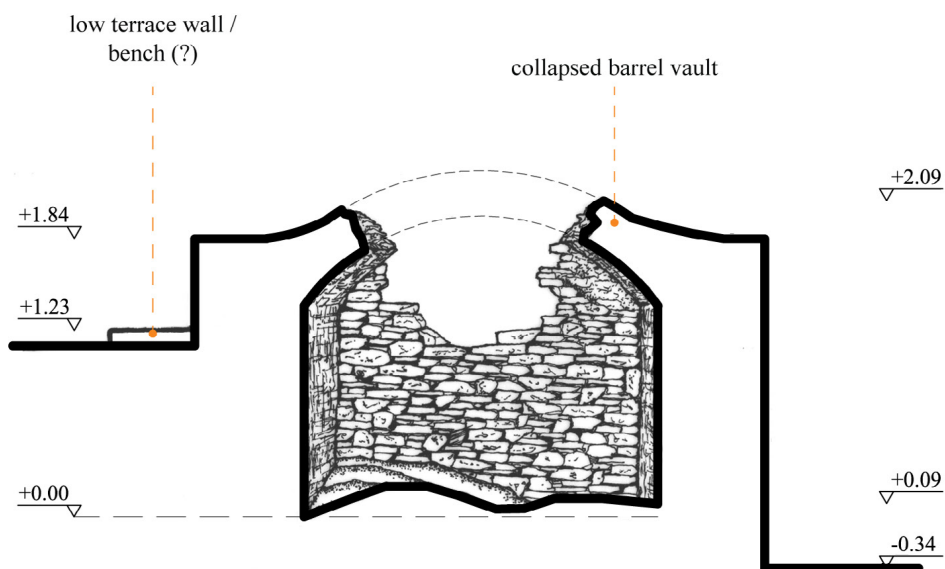
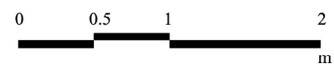
**BUILDING WITH COLUMNS (36) \_ floor plan**

SCALE 1:50

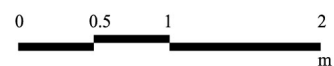


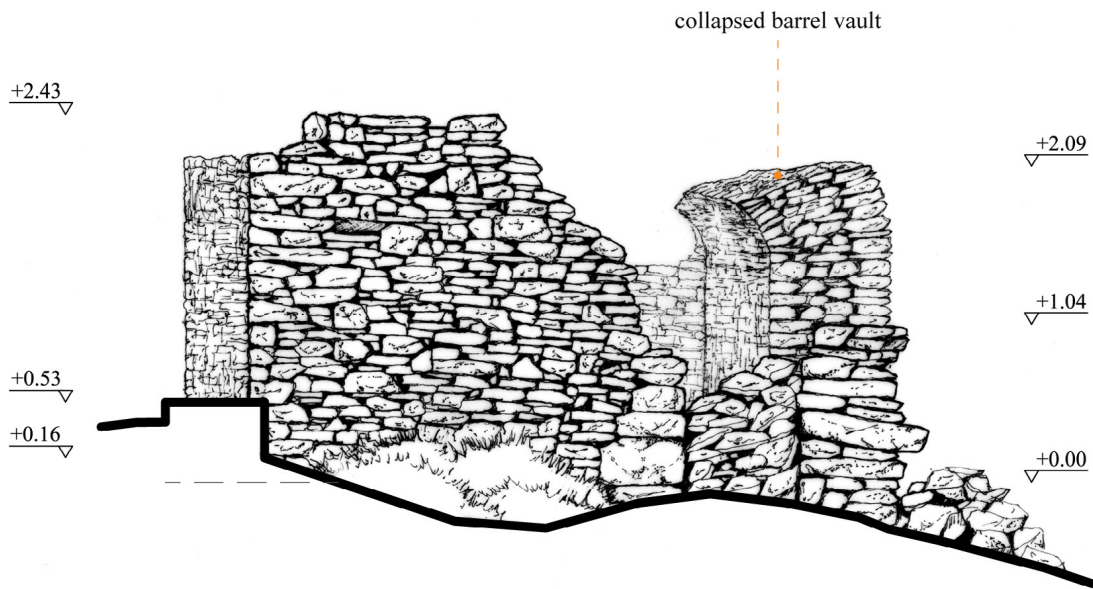


**a-a' cross section**

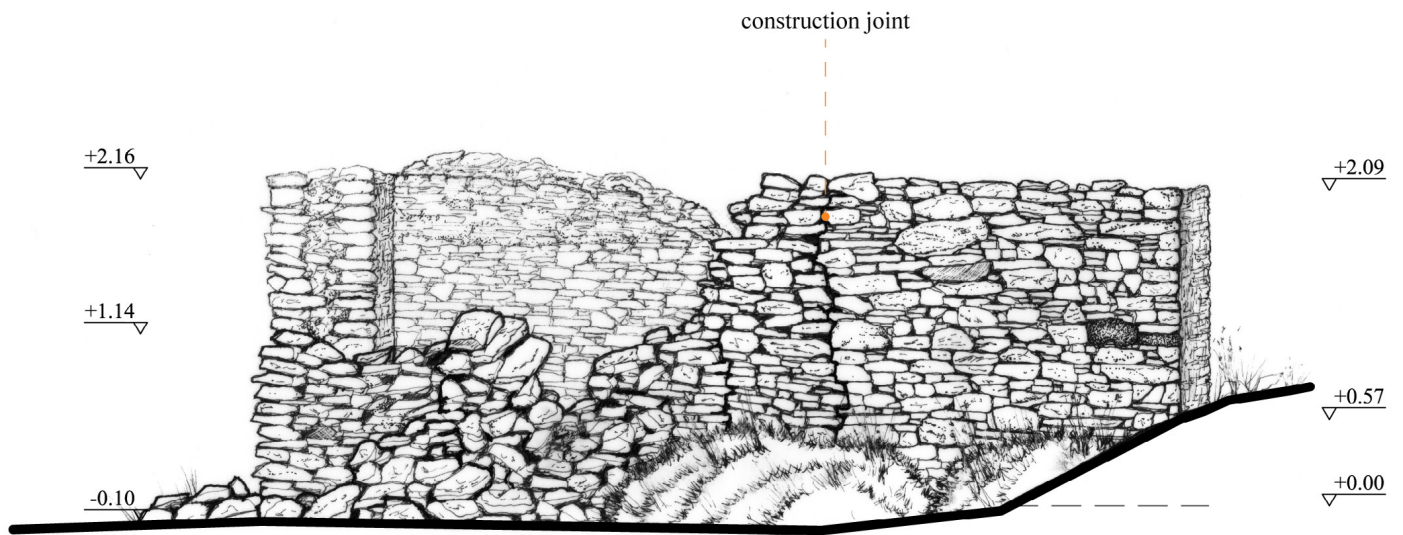
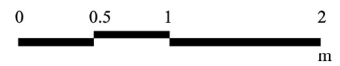


**b-b' cross section**

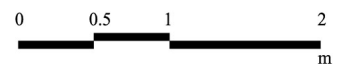




**c-c' cross section**

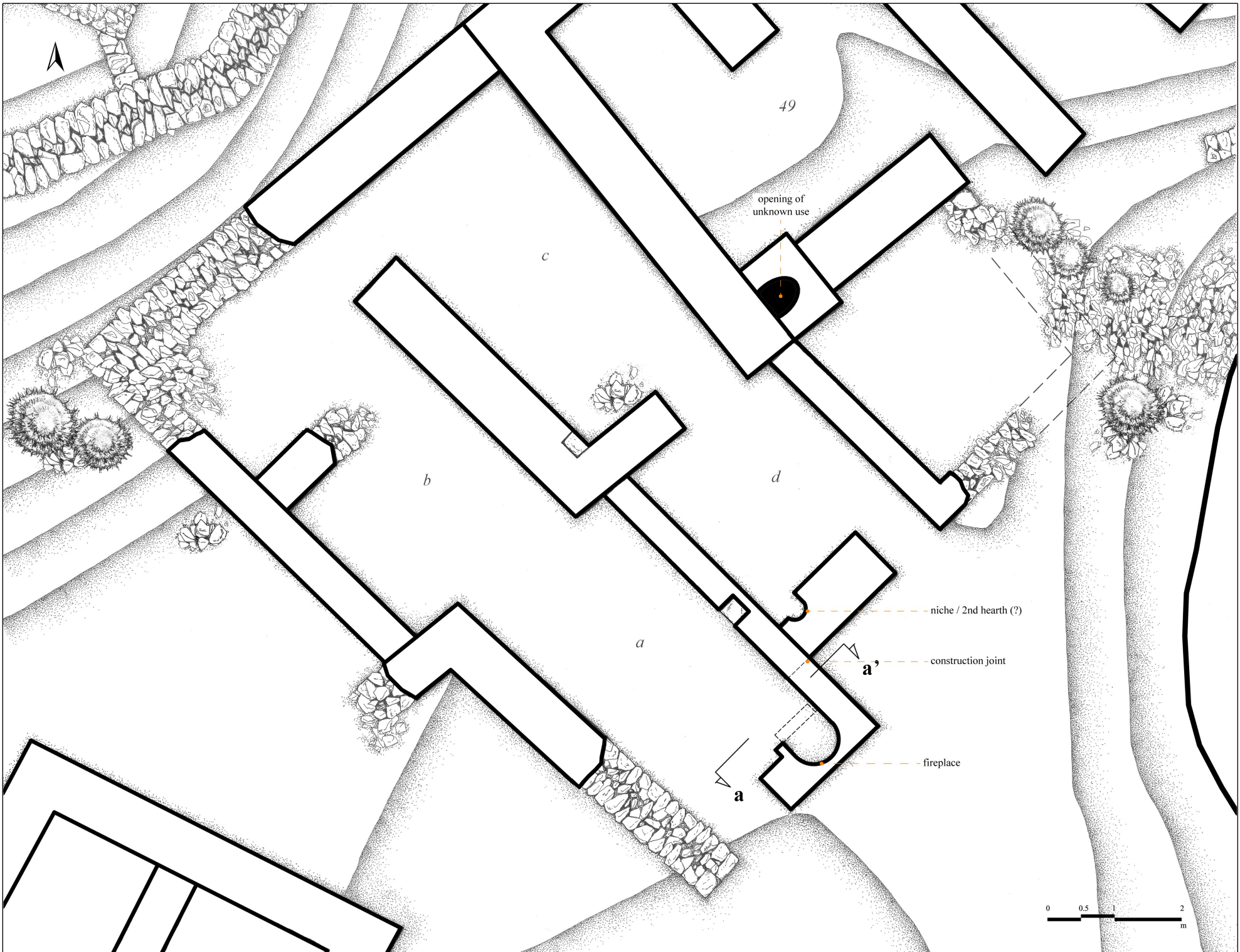


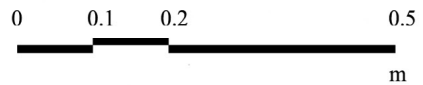
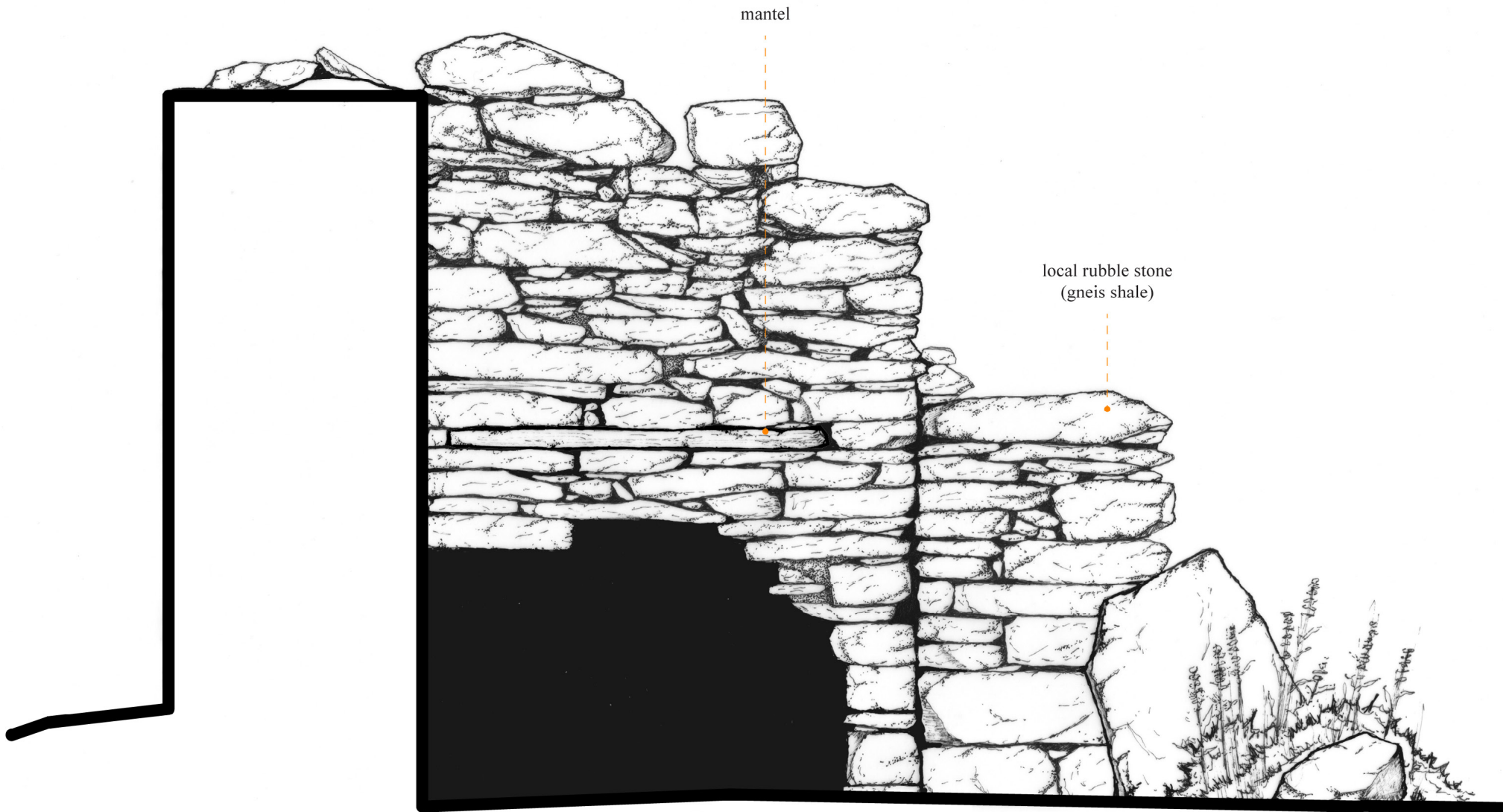
**d-d' cross section**

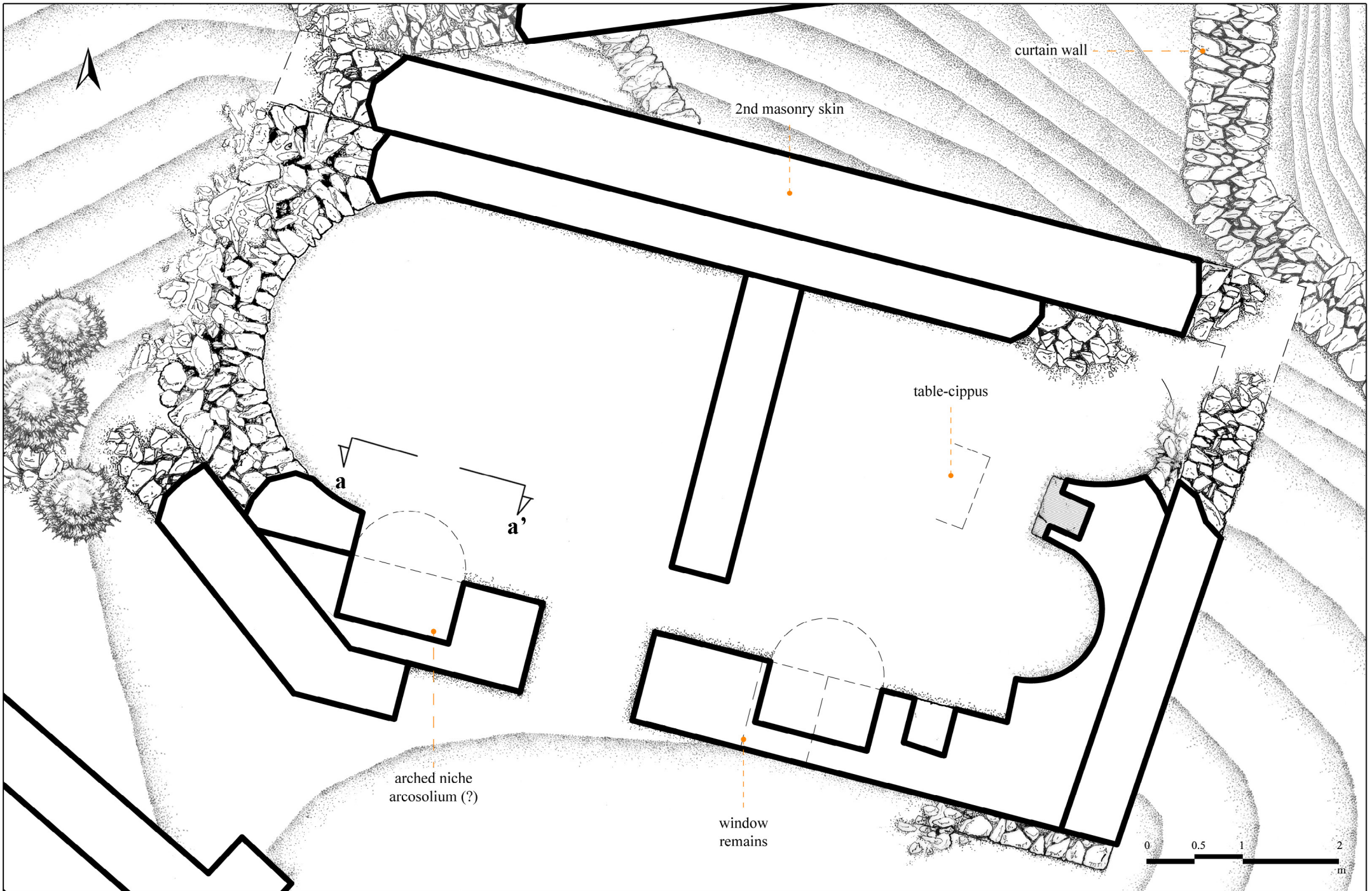


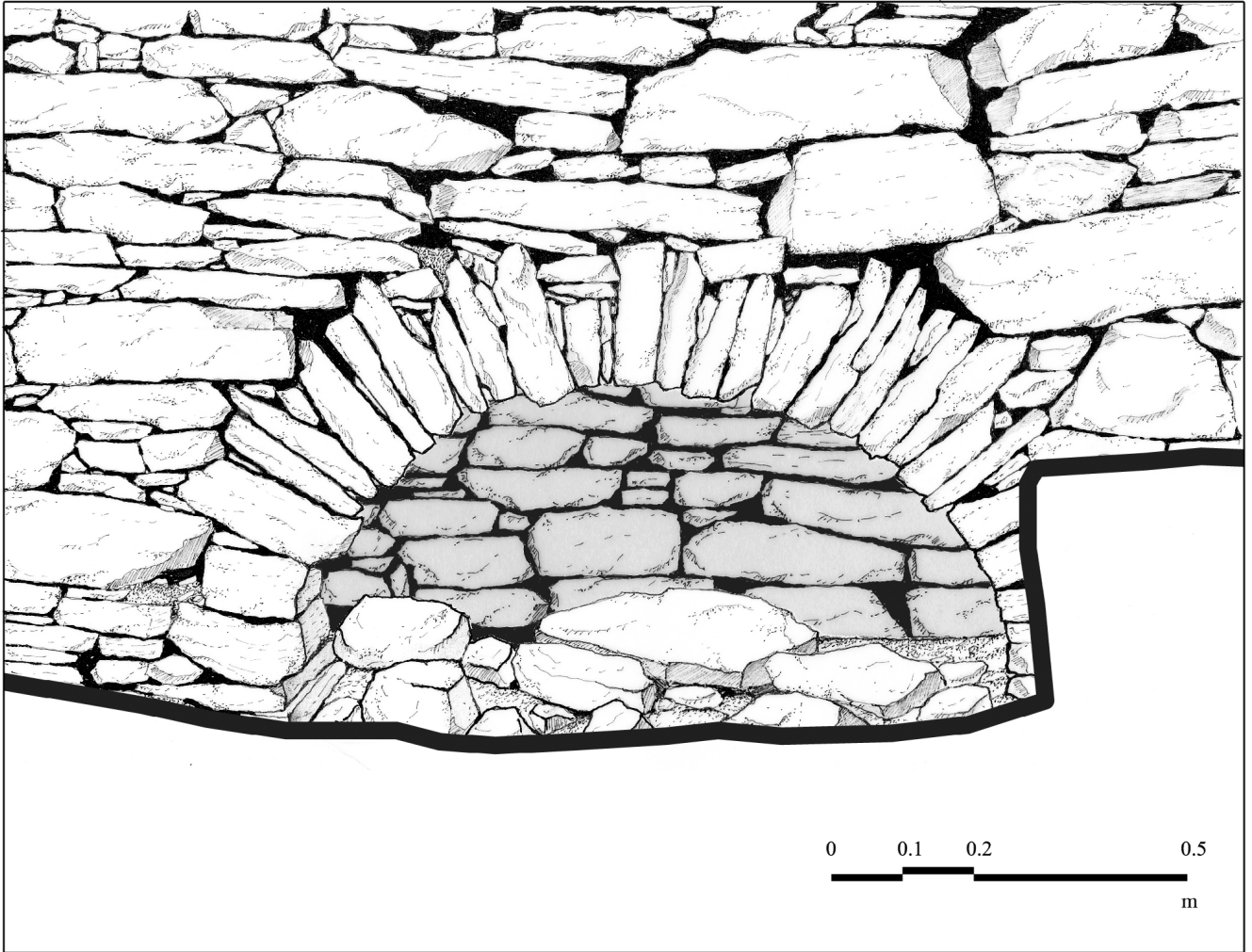


**'BLOCK' HOUSE WITH FIREPLACE**  
**(48) \_ floor plan**







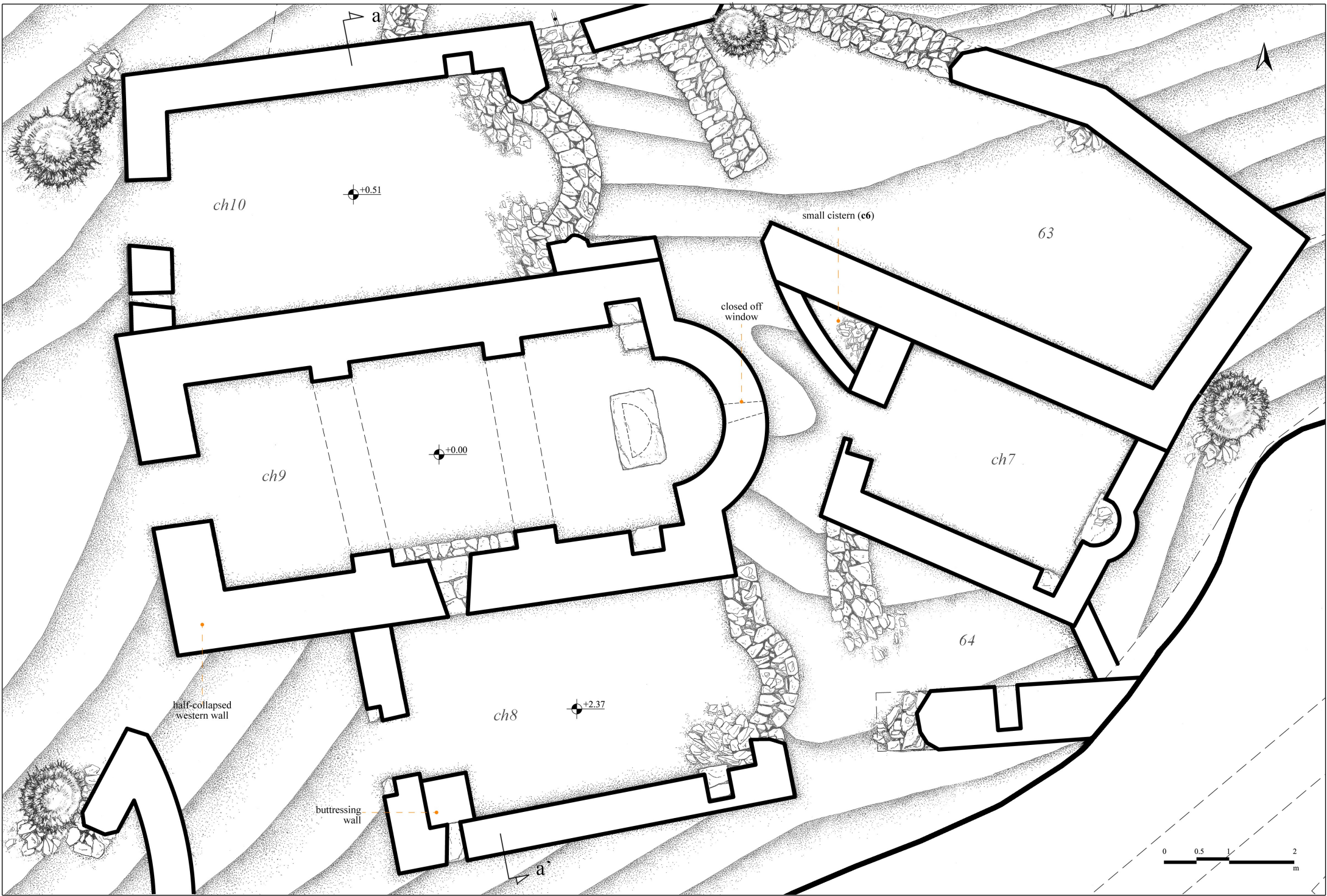


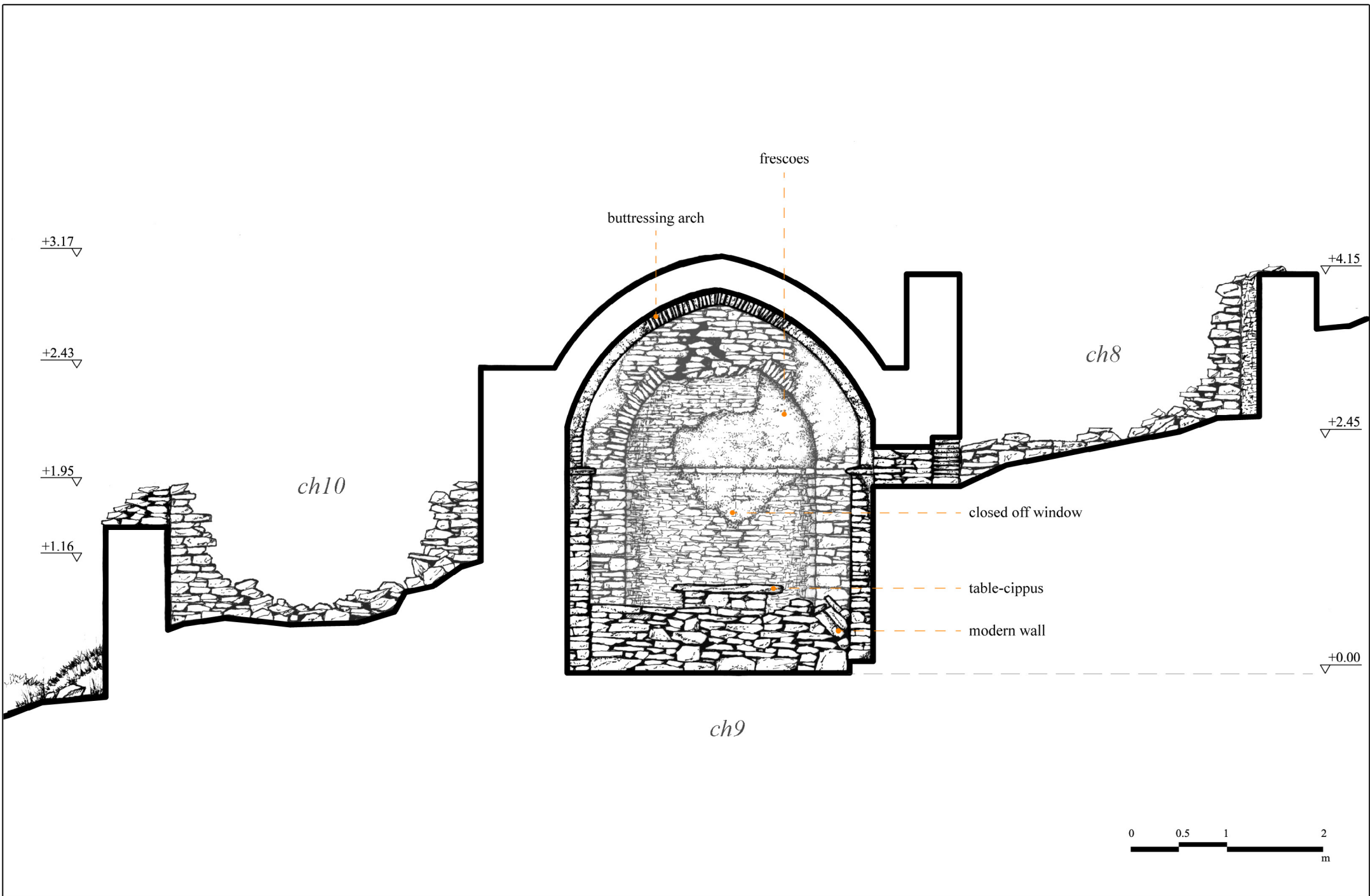
PLAN NUMBER

**B27**

**DOUBLE-APSED CHURCH WITH ARCOSOLIA (ch6)\_ arcossolium detail**

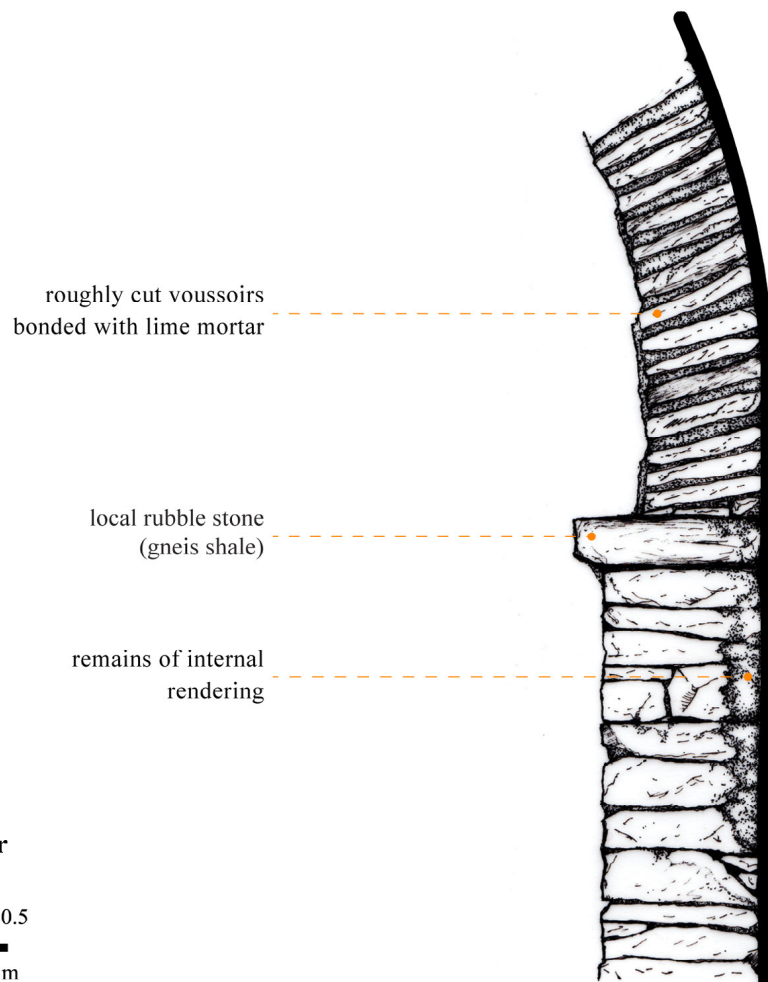
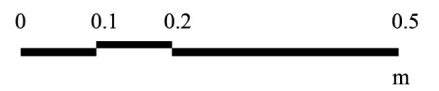
SCALE **1:10**



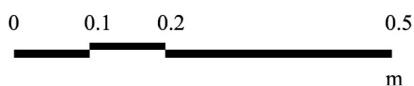


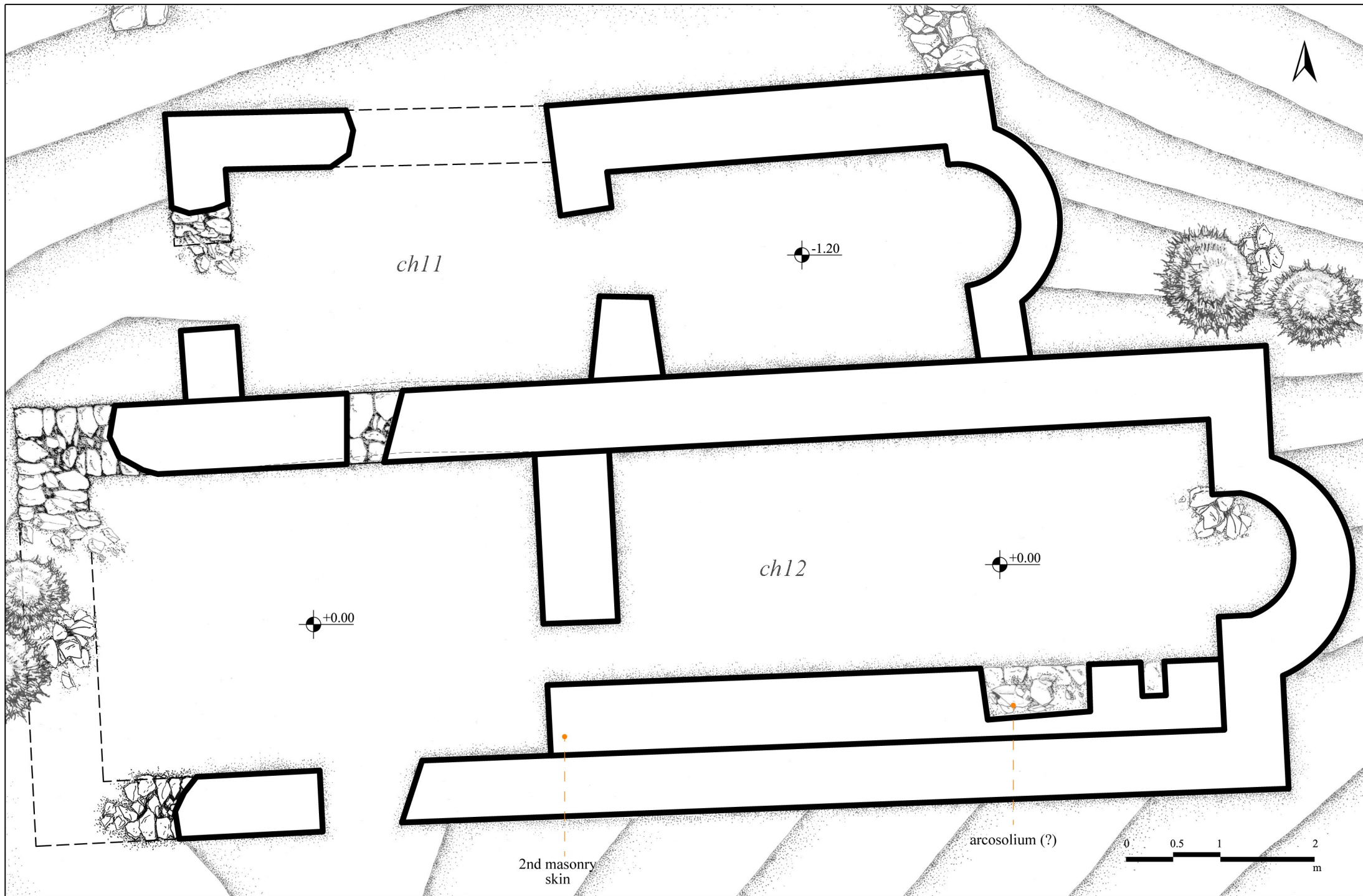


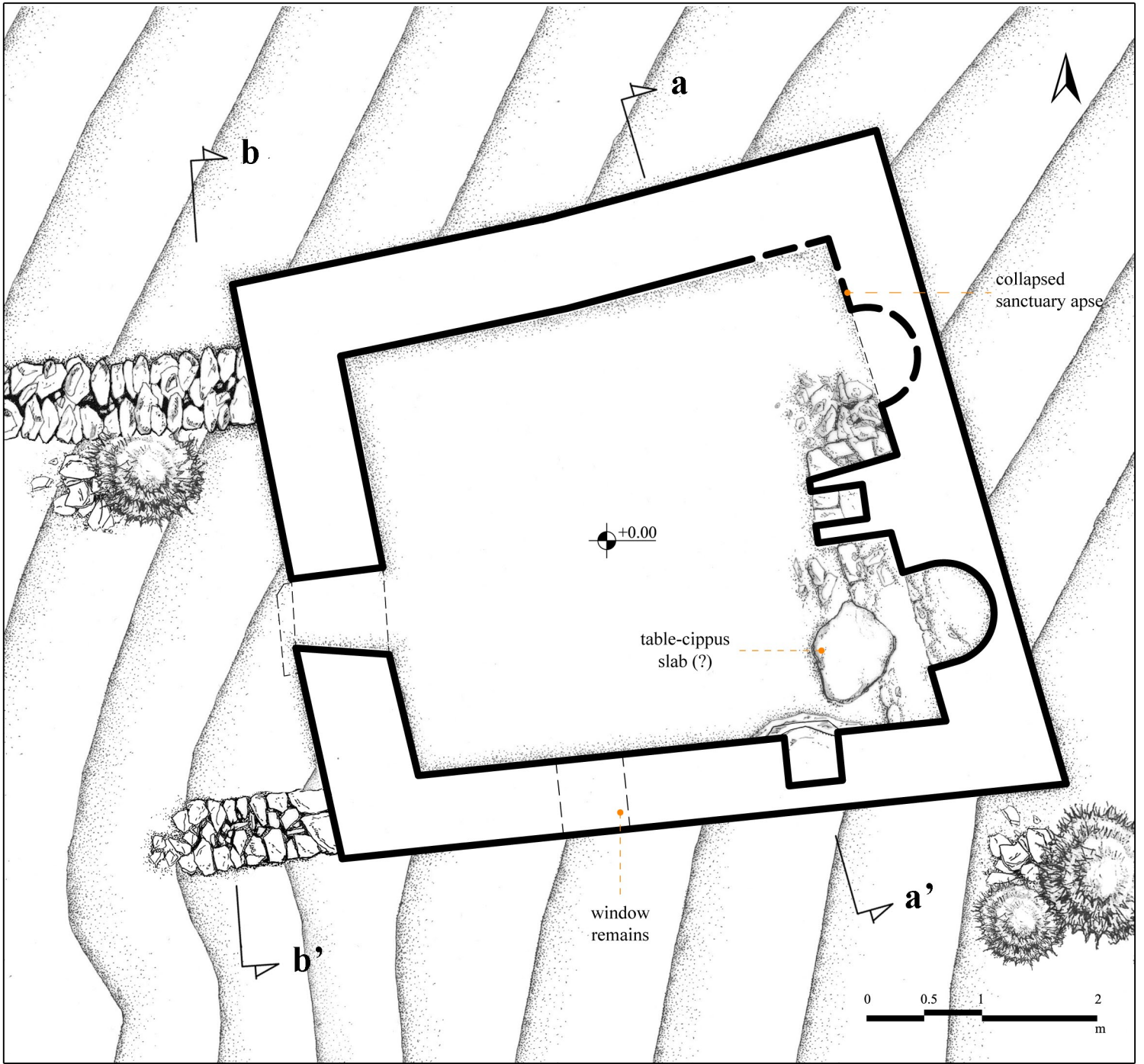
a) sanctuary conch window



b) south buttressing arch pilaster







SURVEY OF INDIVIDUAL BUILDINGS

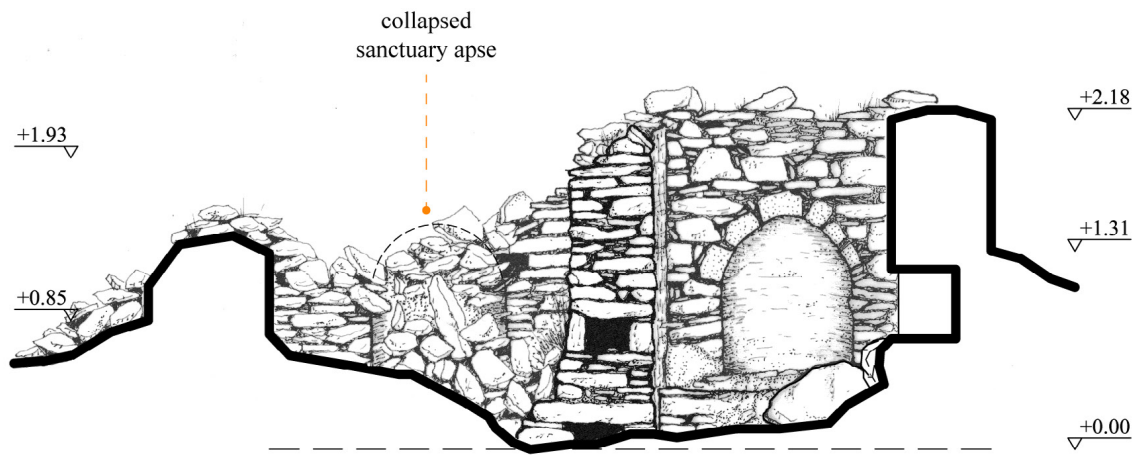


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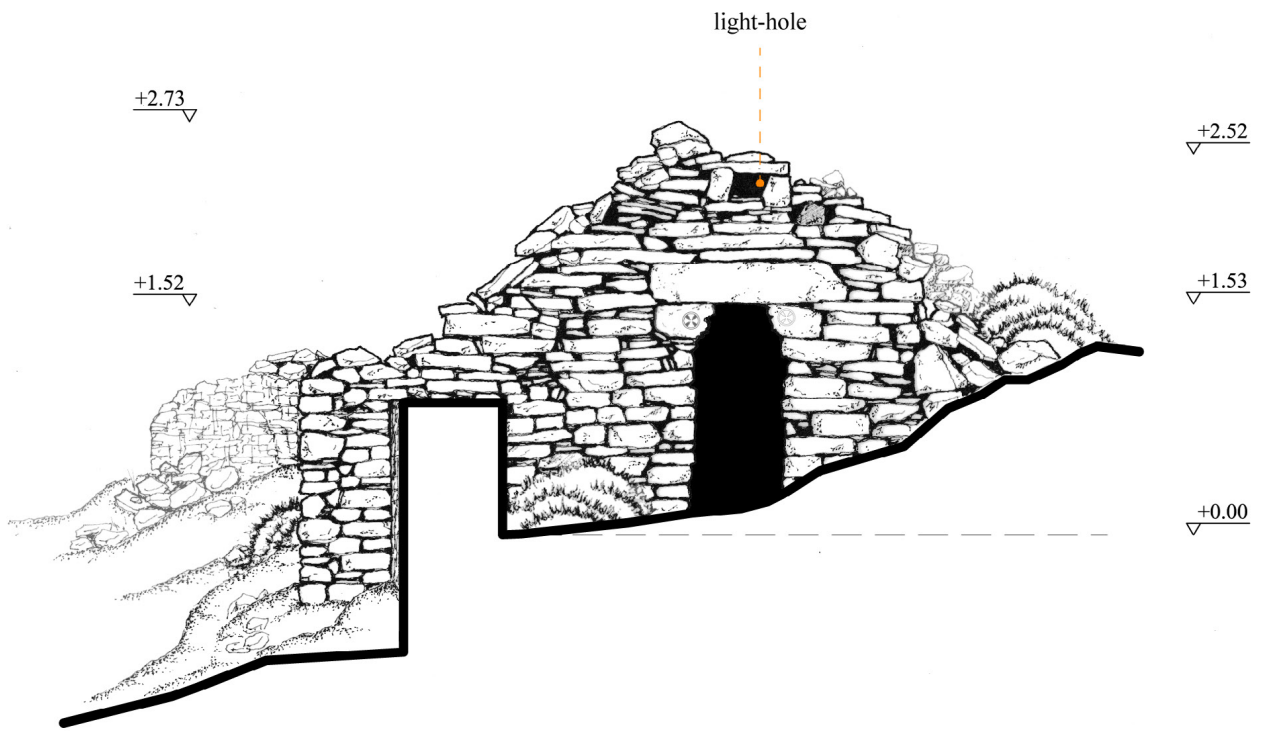
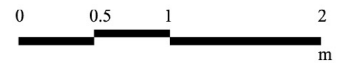
**B32**

**DOUBLE-APSED CHURCH (ch15) \_ floor plan**

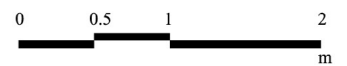
SCALE 1:50

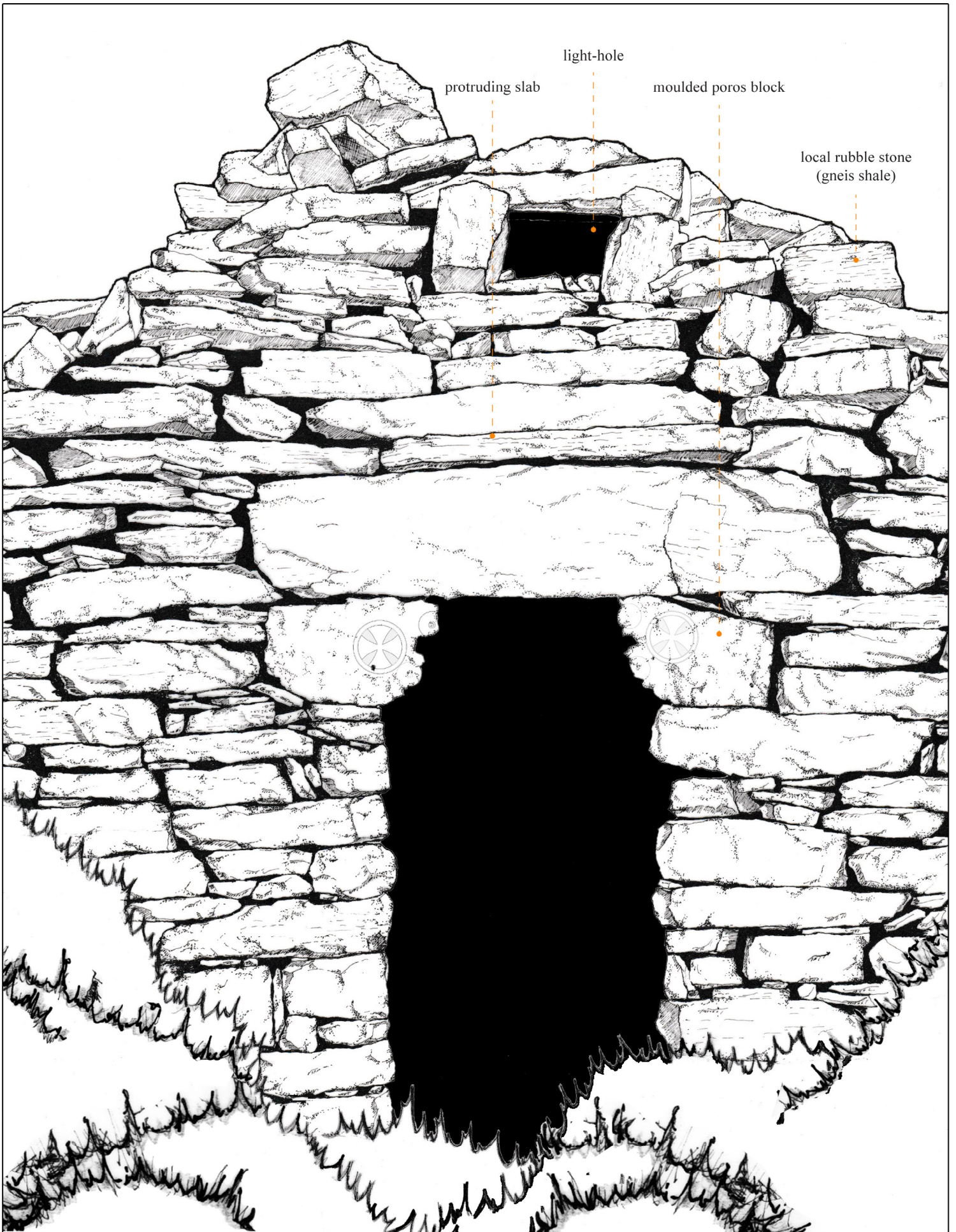


**a-a' cross section**



**b-b' cross section**





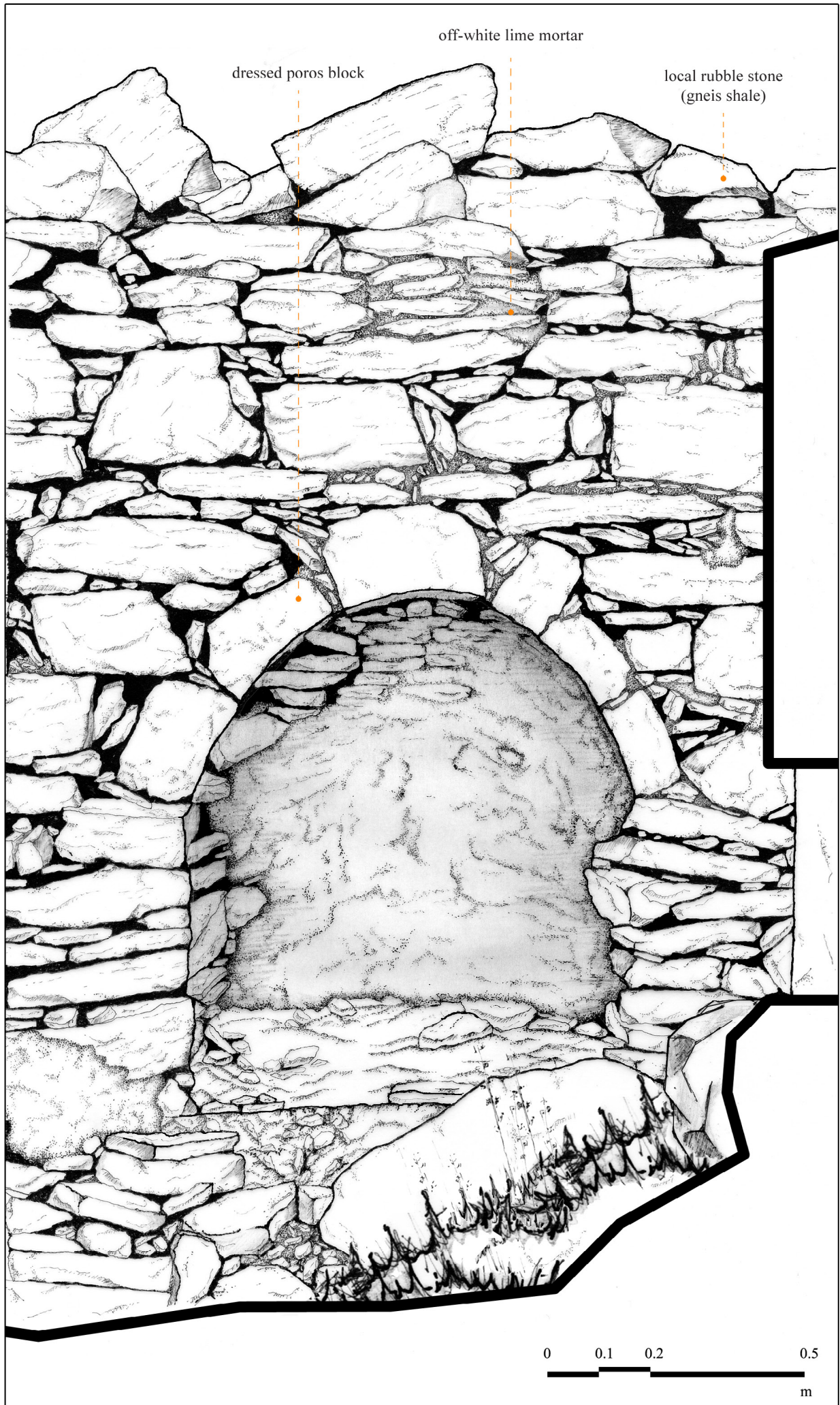
protruding slab

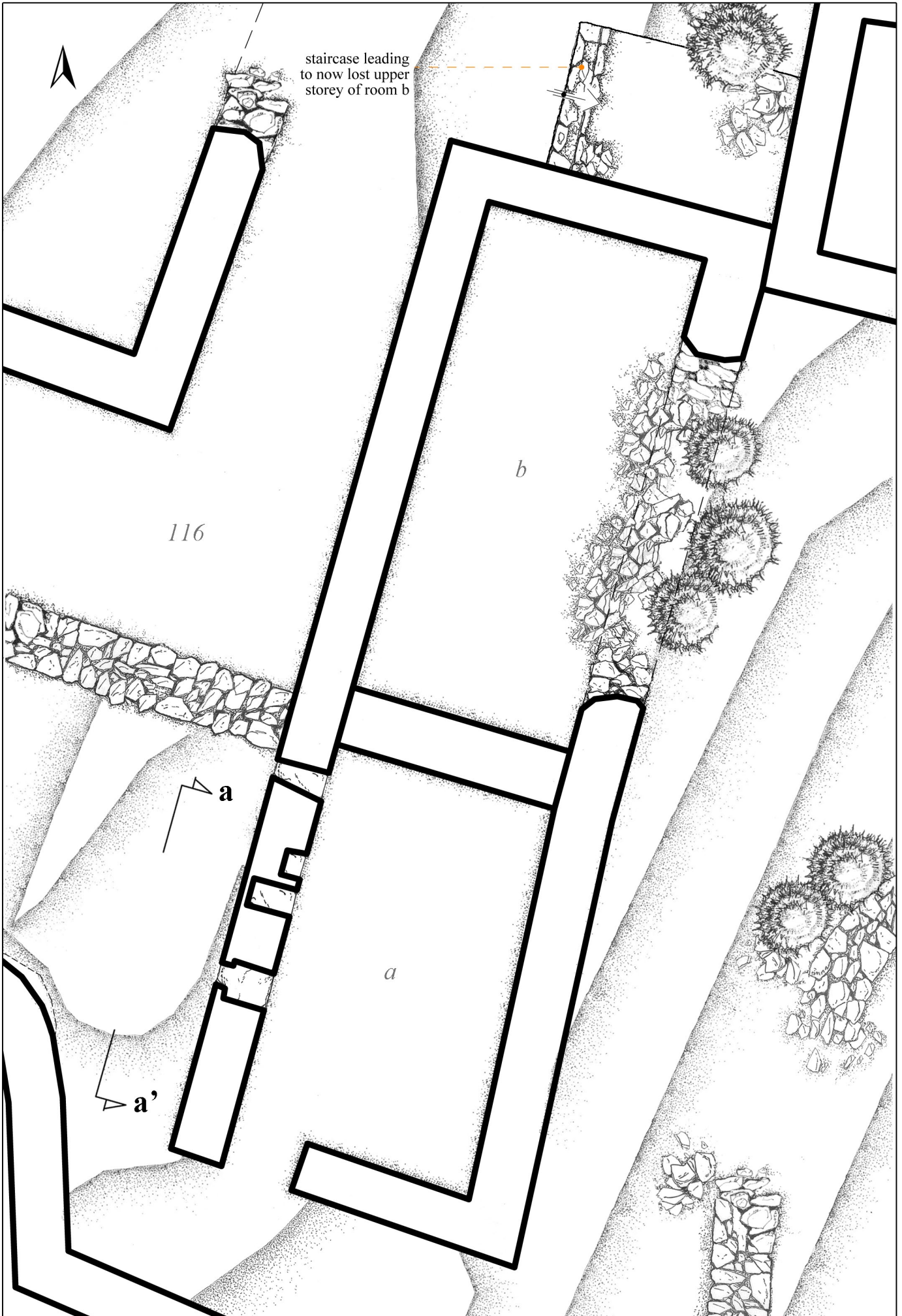
light-hole

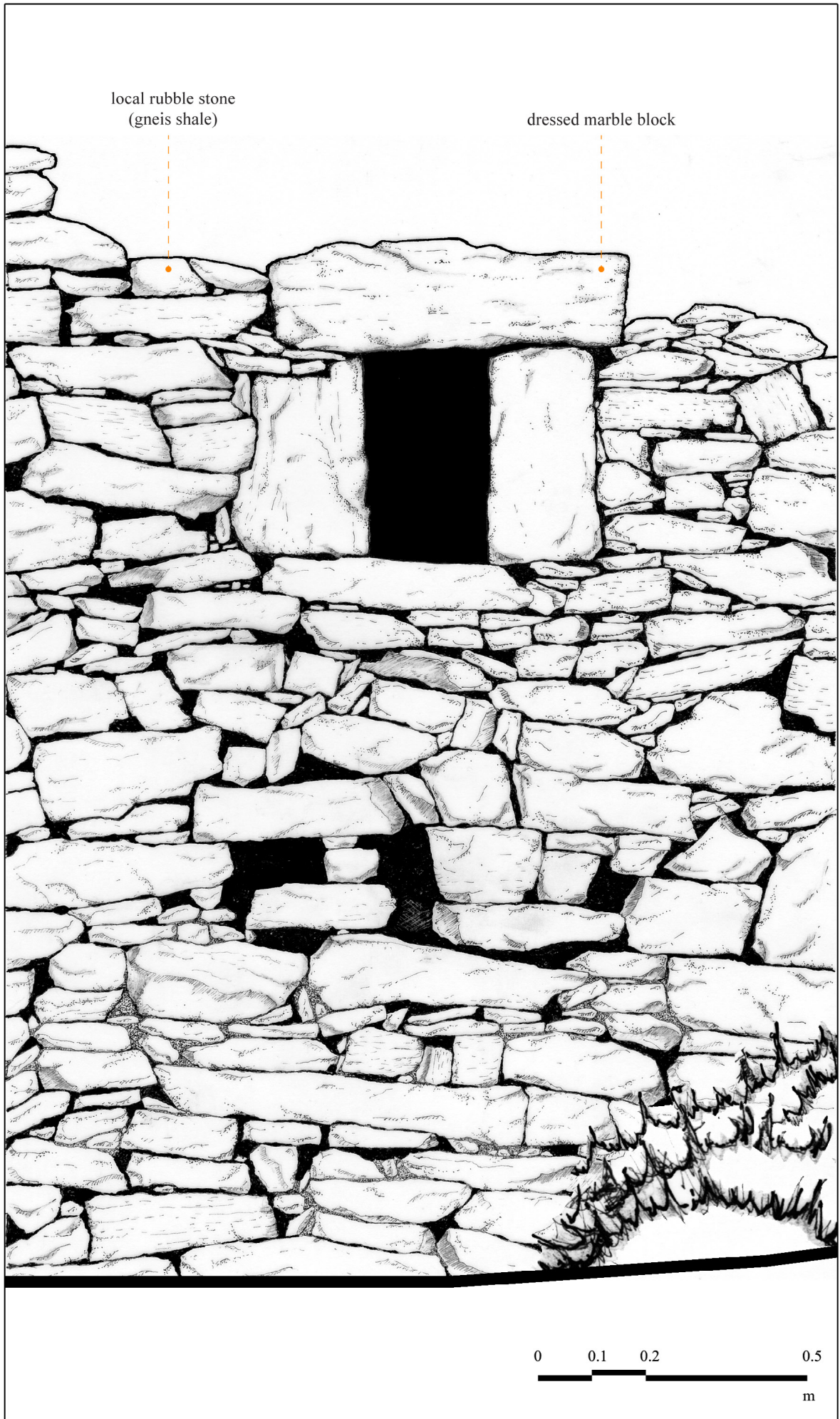
moulded poros block

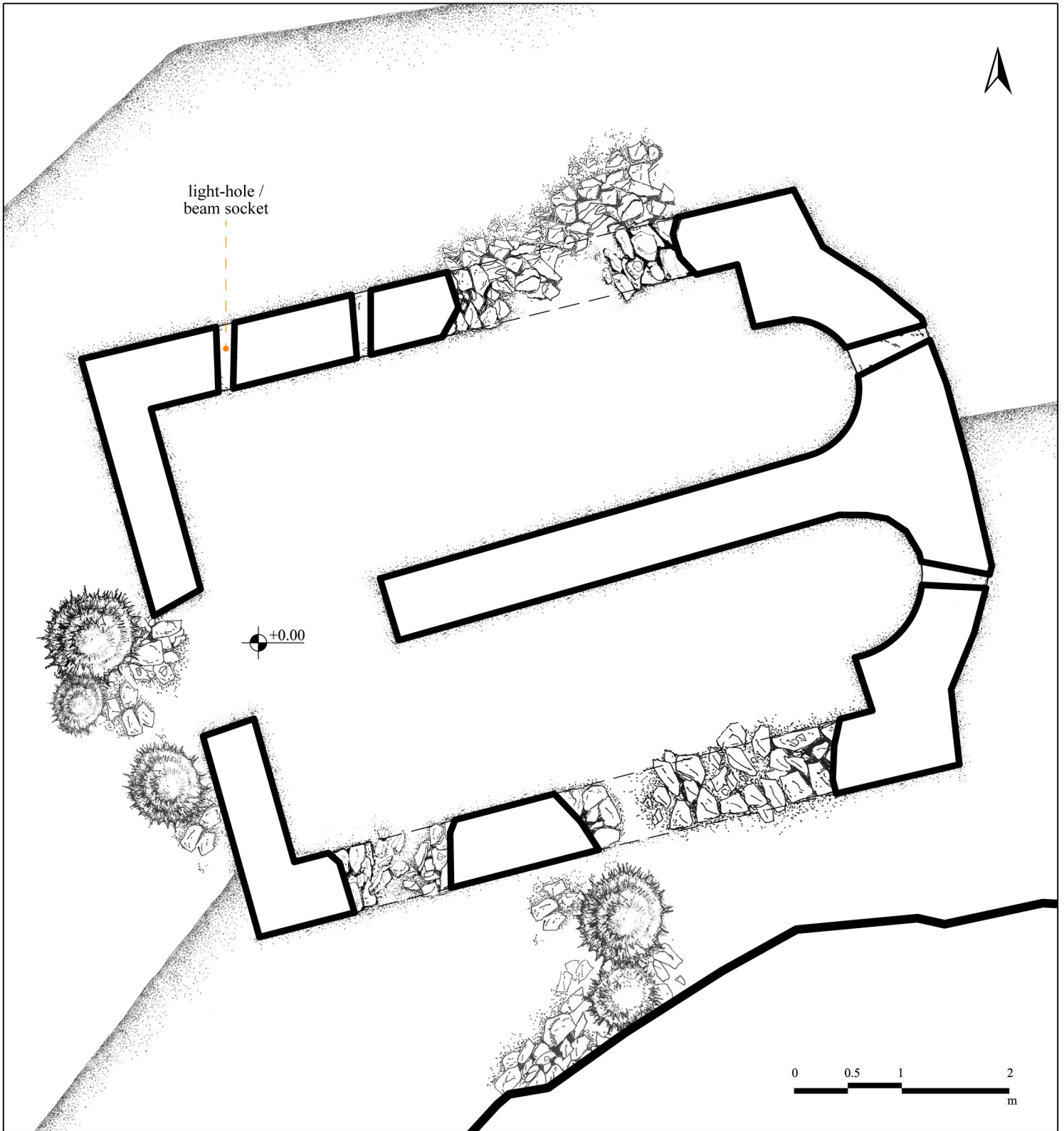
local rubble stone  
(gneis shale)

0 0.1 0.2 0.5  
m









SURVEY OF INDIVIDUAL BUILDINGS



PLAN NUMBER

**B38**

**DOUBLE-APSED CHURCH (ch19) \_ floor plan**

SCALE 1:50

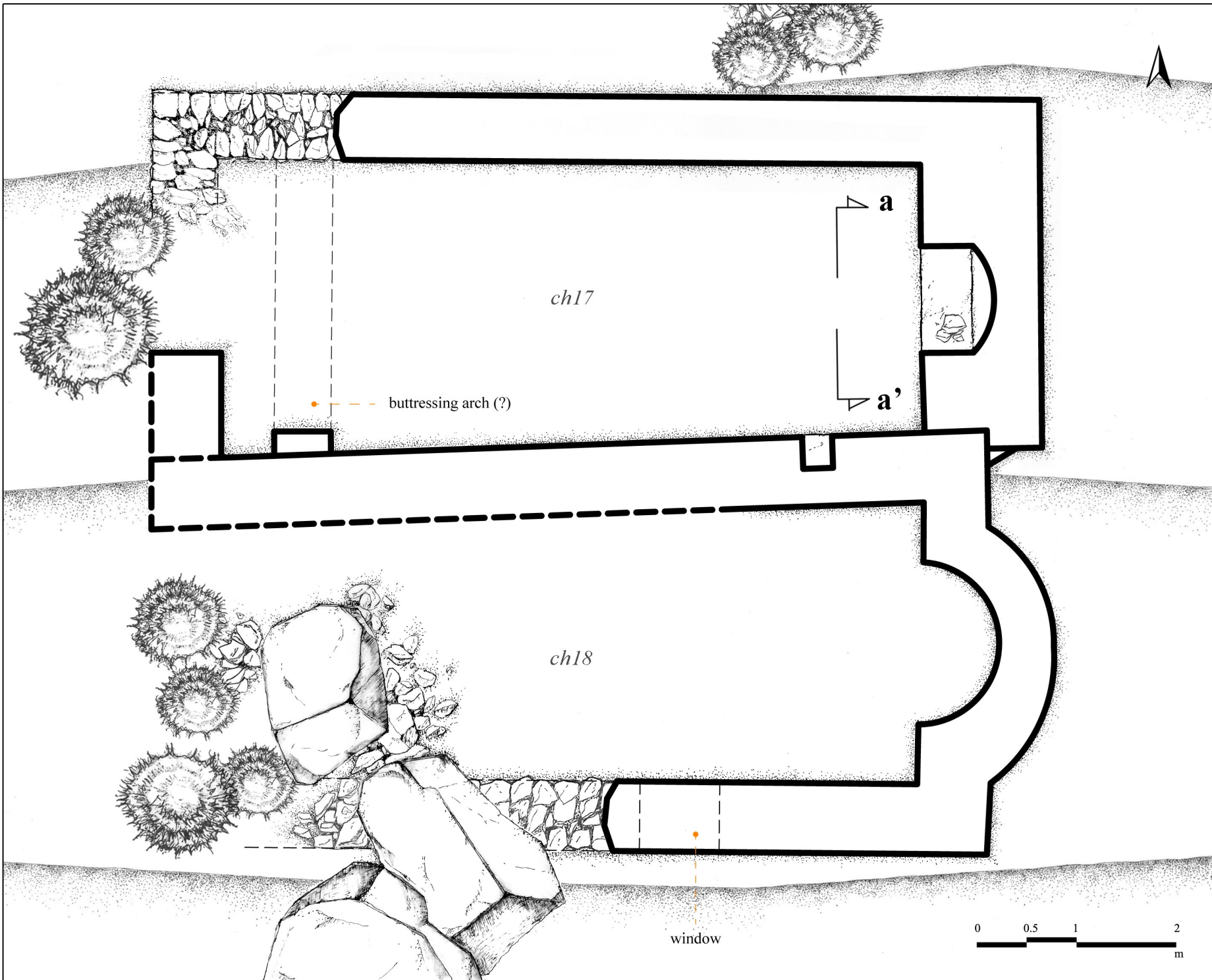


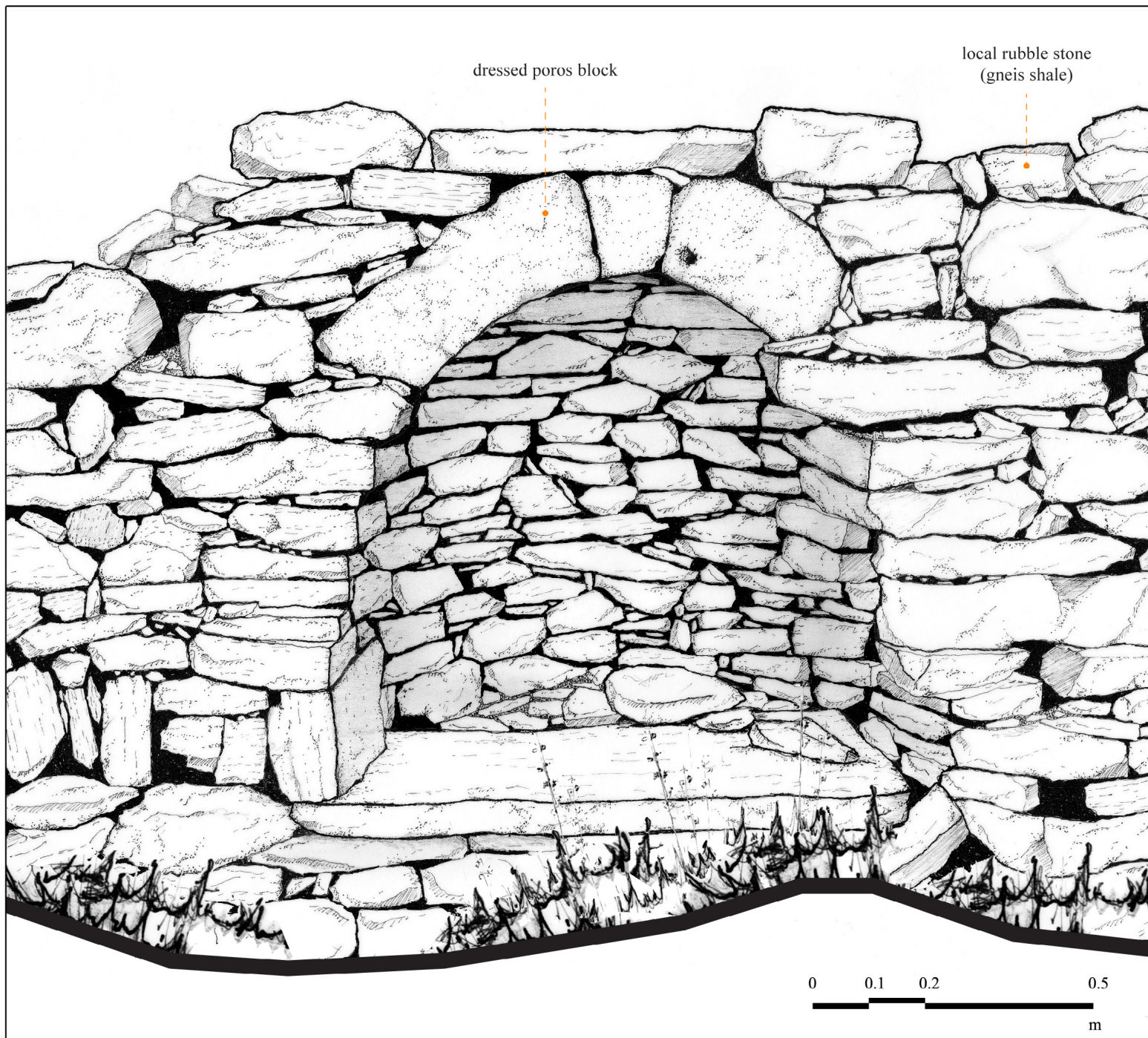
PLAN NUMBER

**B39**

**TWIN CHURCH  
TOWARDS THE  
PORT (ch17, ch18)  
\_ floor plan**

SCALE **1:50**





SURVEY OF INDIVIDUAL  
BUILDINGS

PLAN NUMBER  
**B40**

**TWIN CHURCH TOWARDS THE PORT (ch17)\_ apse detail**

SCALE **1:10**