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THE
Roman Aqueducts and
Bathhouses of Crete

Figures and Plates

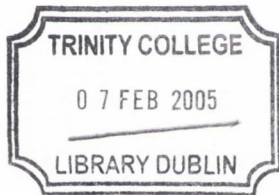
Volume 3

AMANDA KELLY

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THESIS
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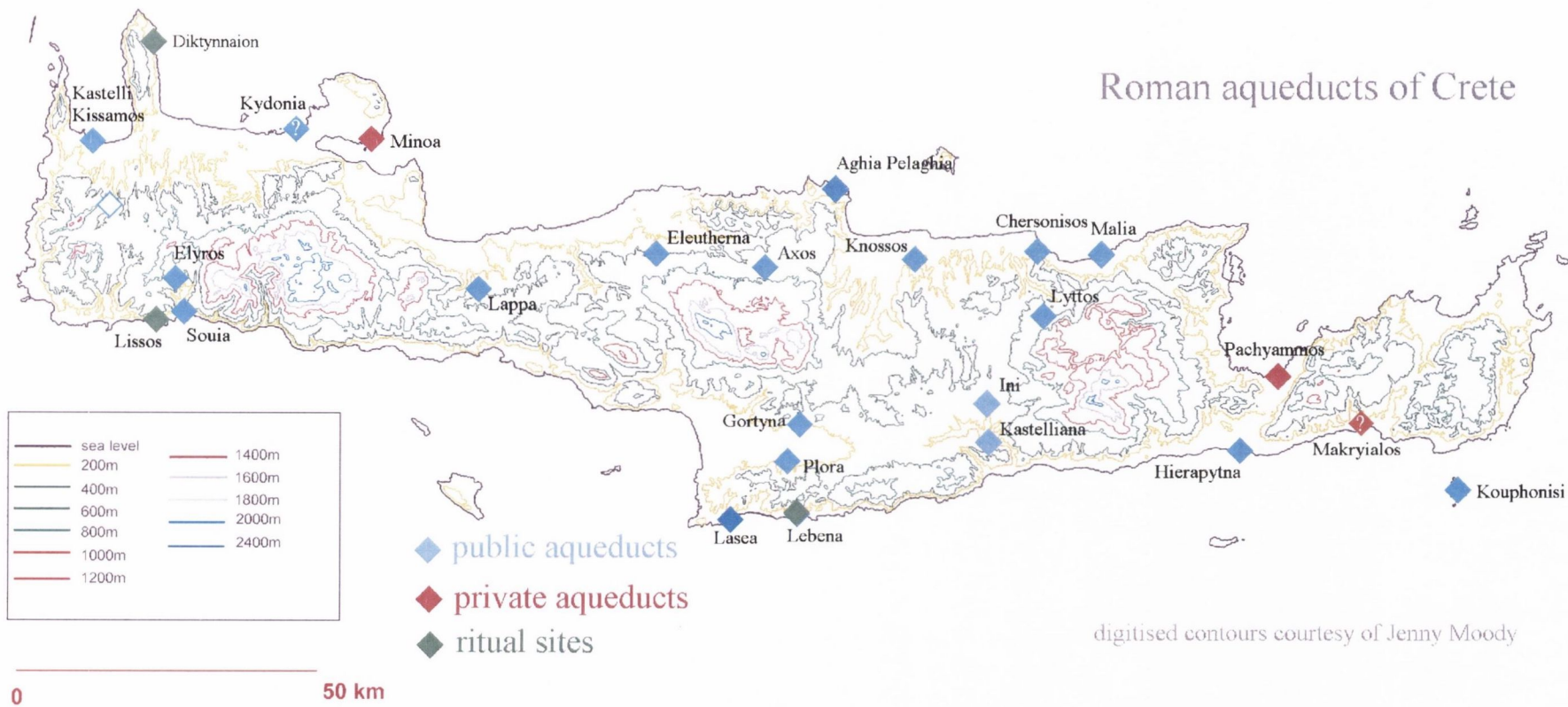
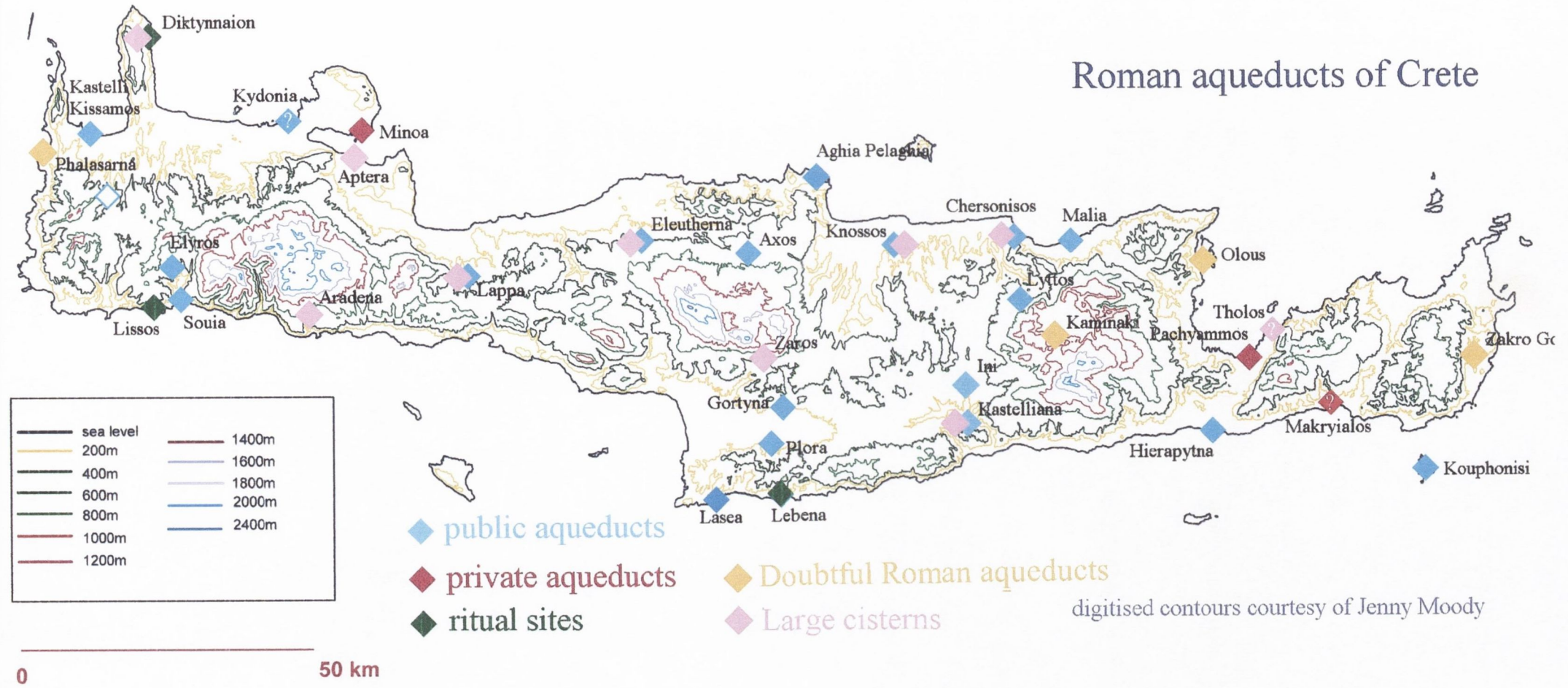


Figure 1

Roman aqueducts of Crete



digitised contours courtesy of Jenny Moody

Figure 2

Sites with both an aqueduct and bath

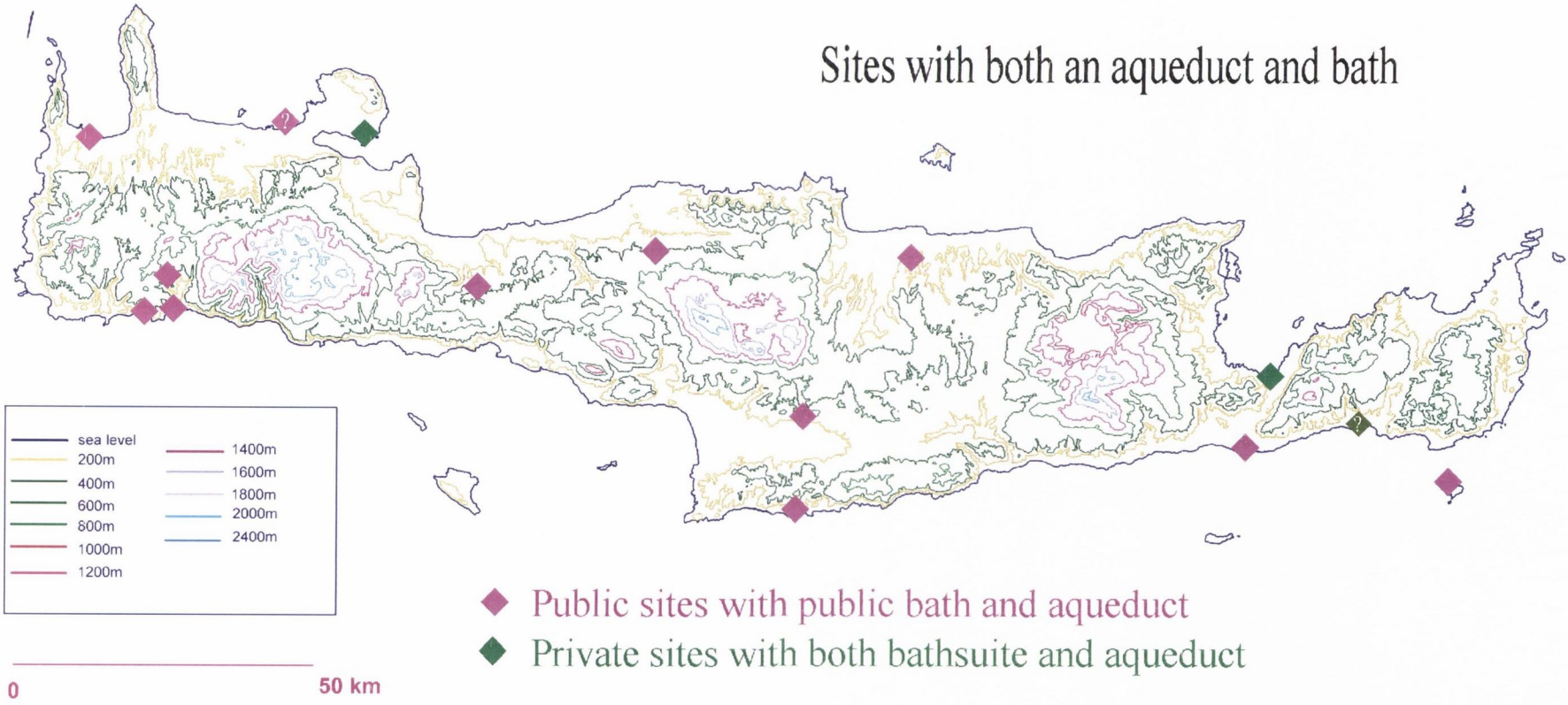
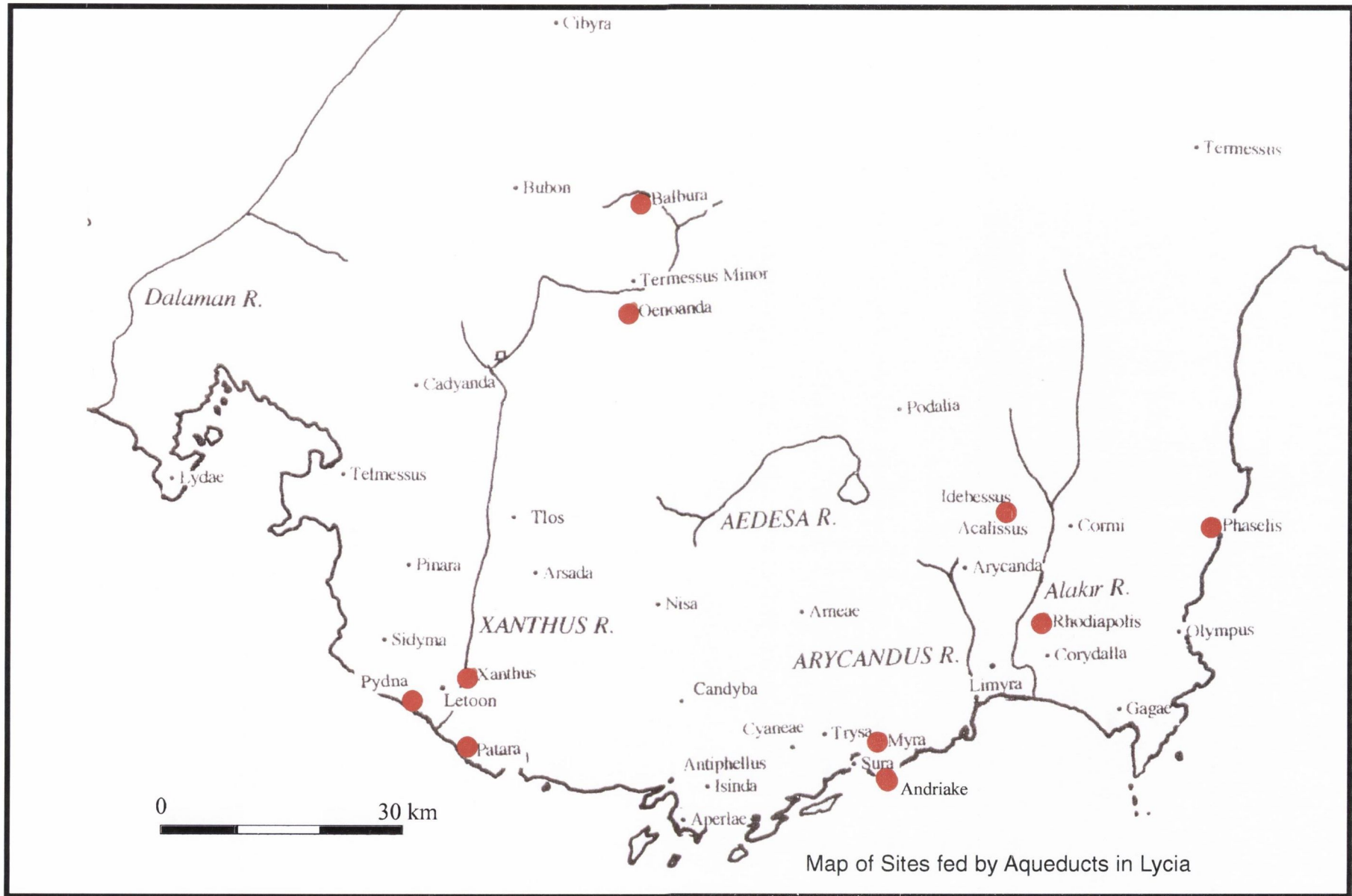


Figure 3



Map of Sites fed by Aqueducts in Lycia

Figure 4

Roman baths of Crete

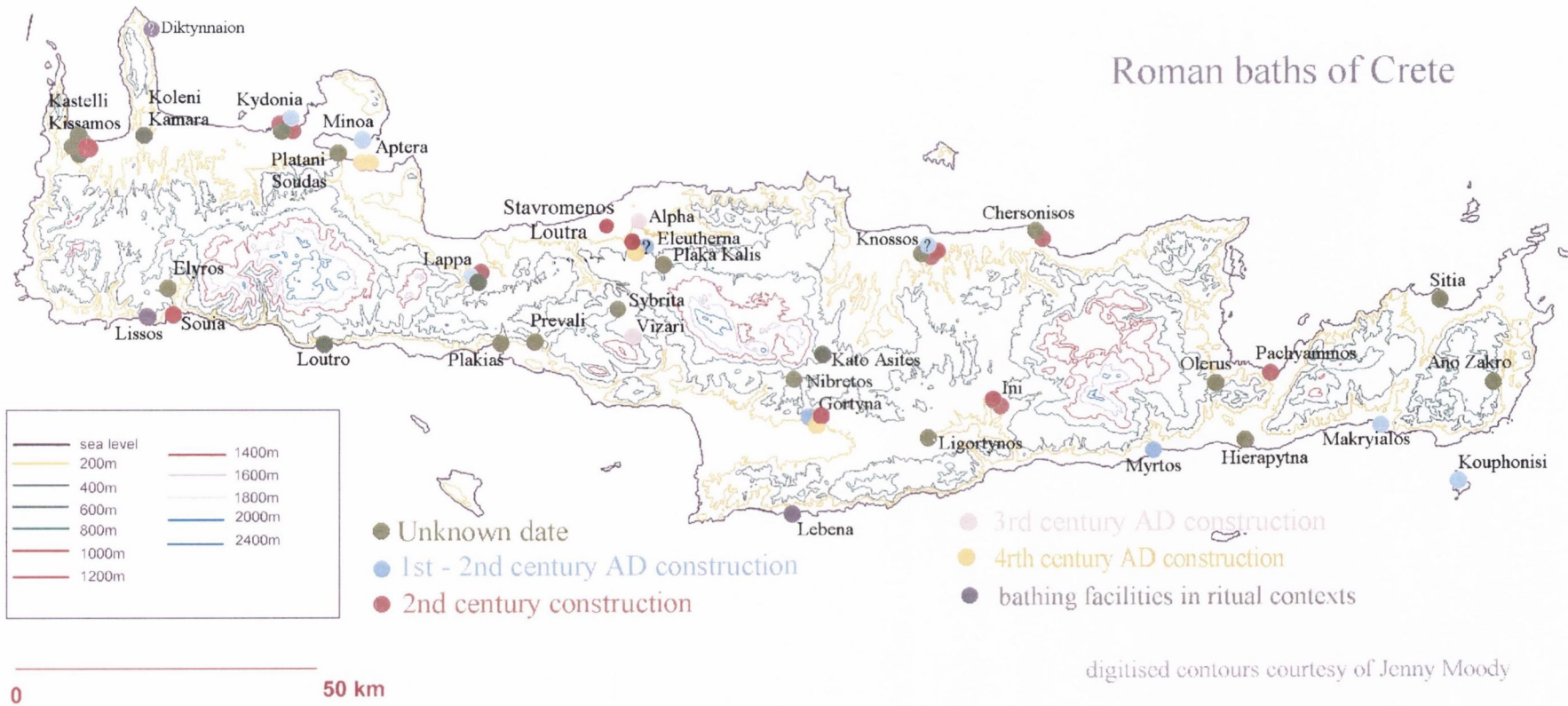


Figure 5

Private and Public Bath Distributions

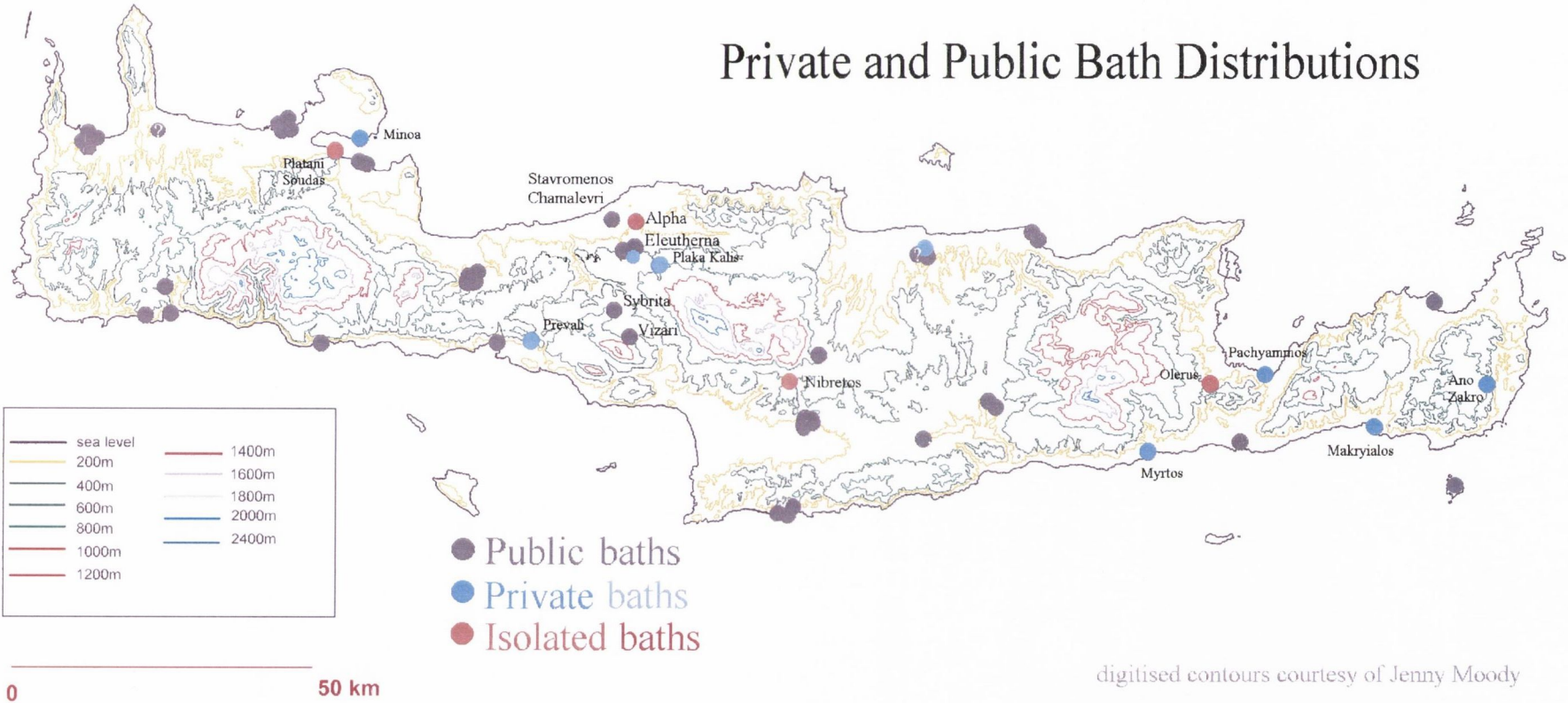


Figure 6

Spacer Pin Distribution on Crete

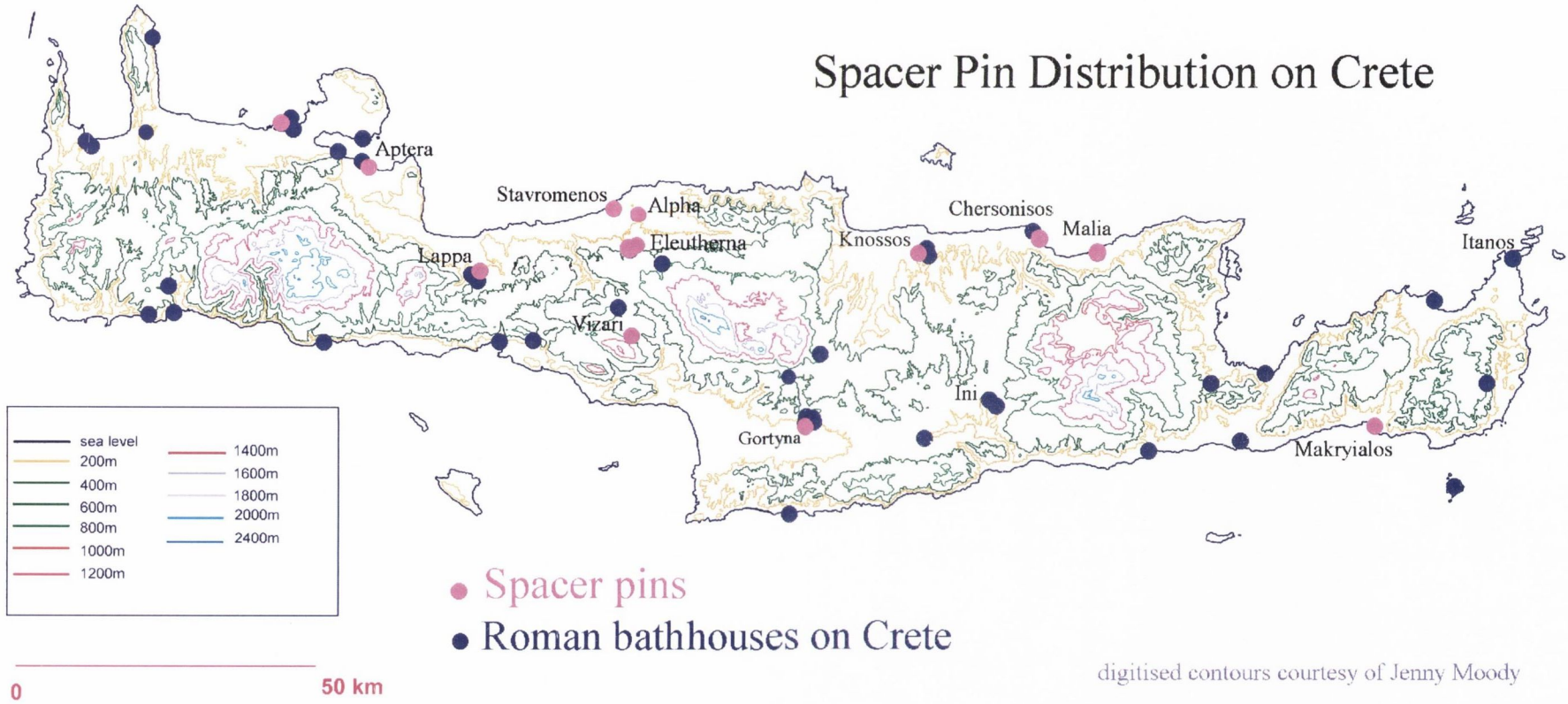


Figure 7

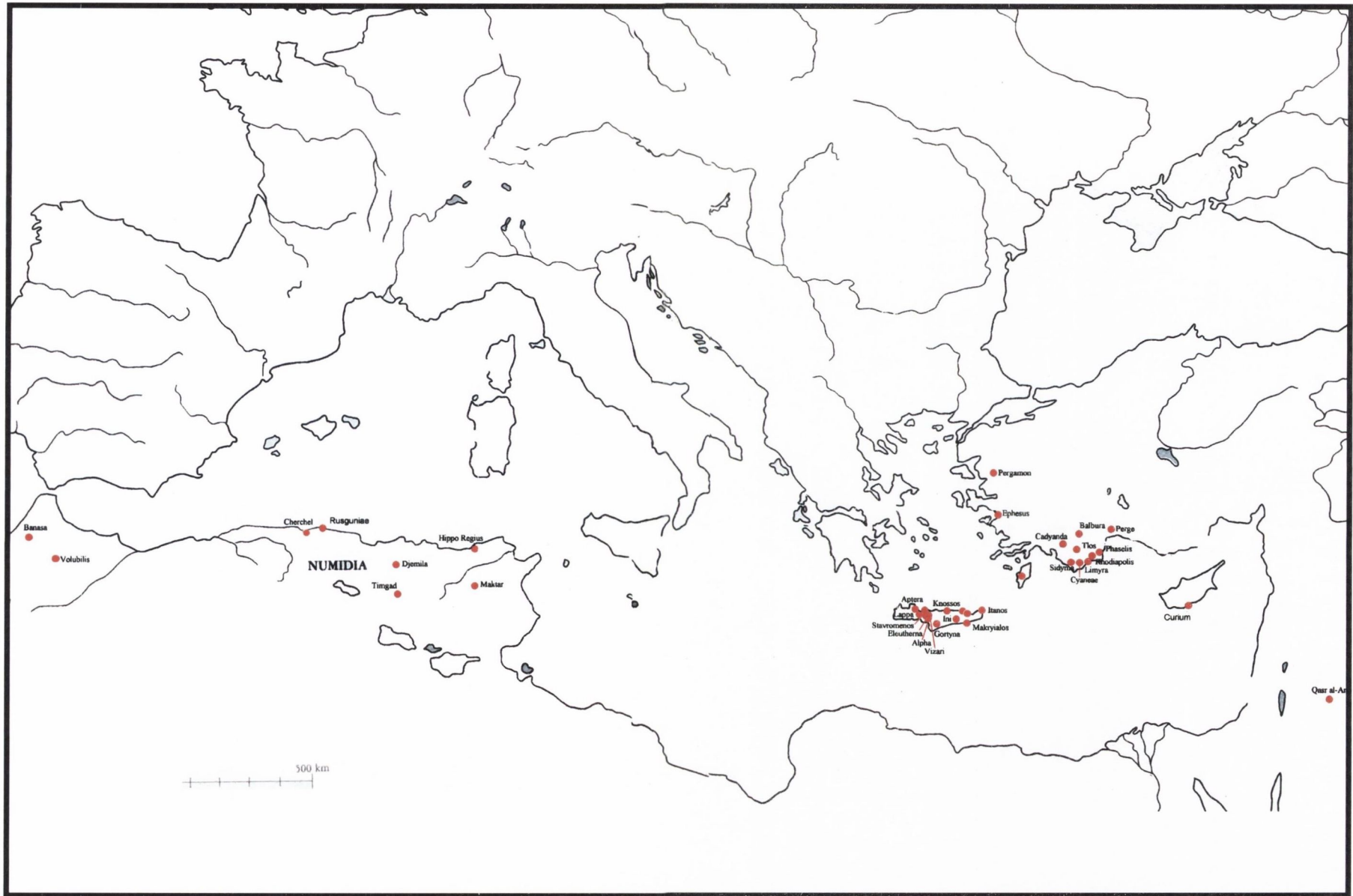


Figure 8 Distribution of spacer pins in the Roman Empire

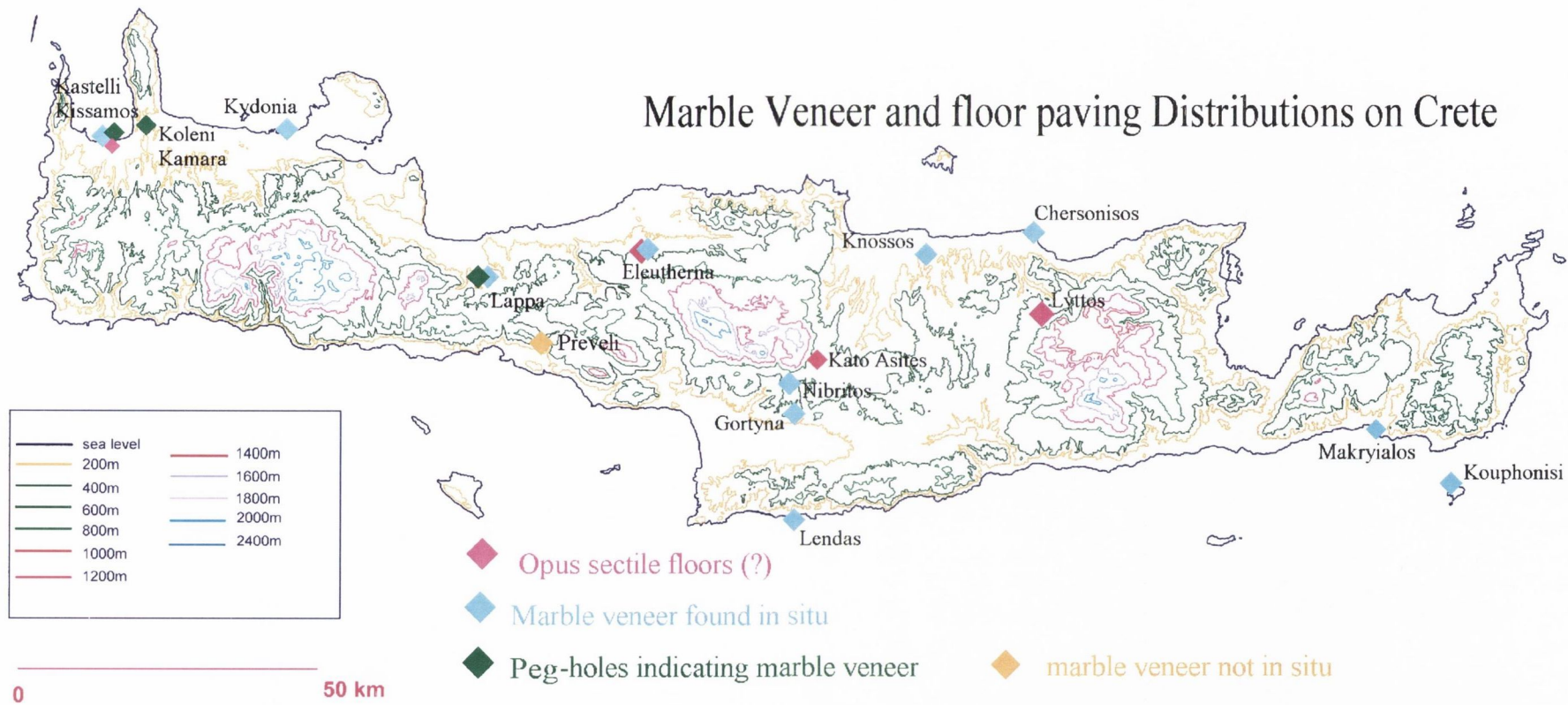


Figure 9

Roman and Late Antique Mosaics of Crete

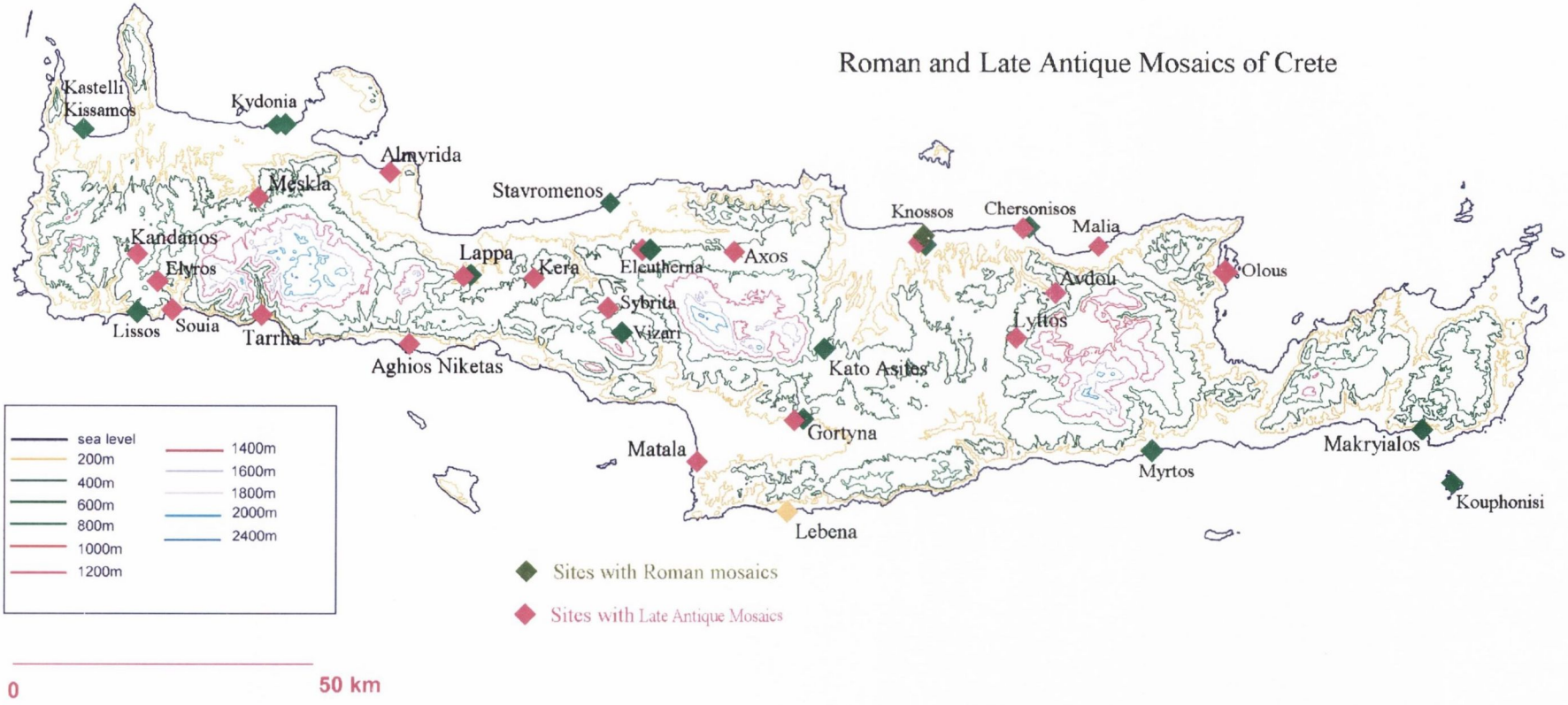


Figure 10

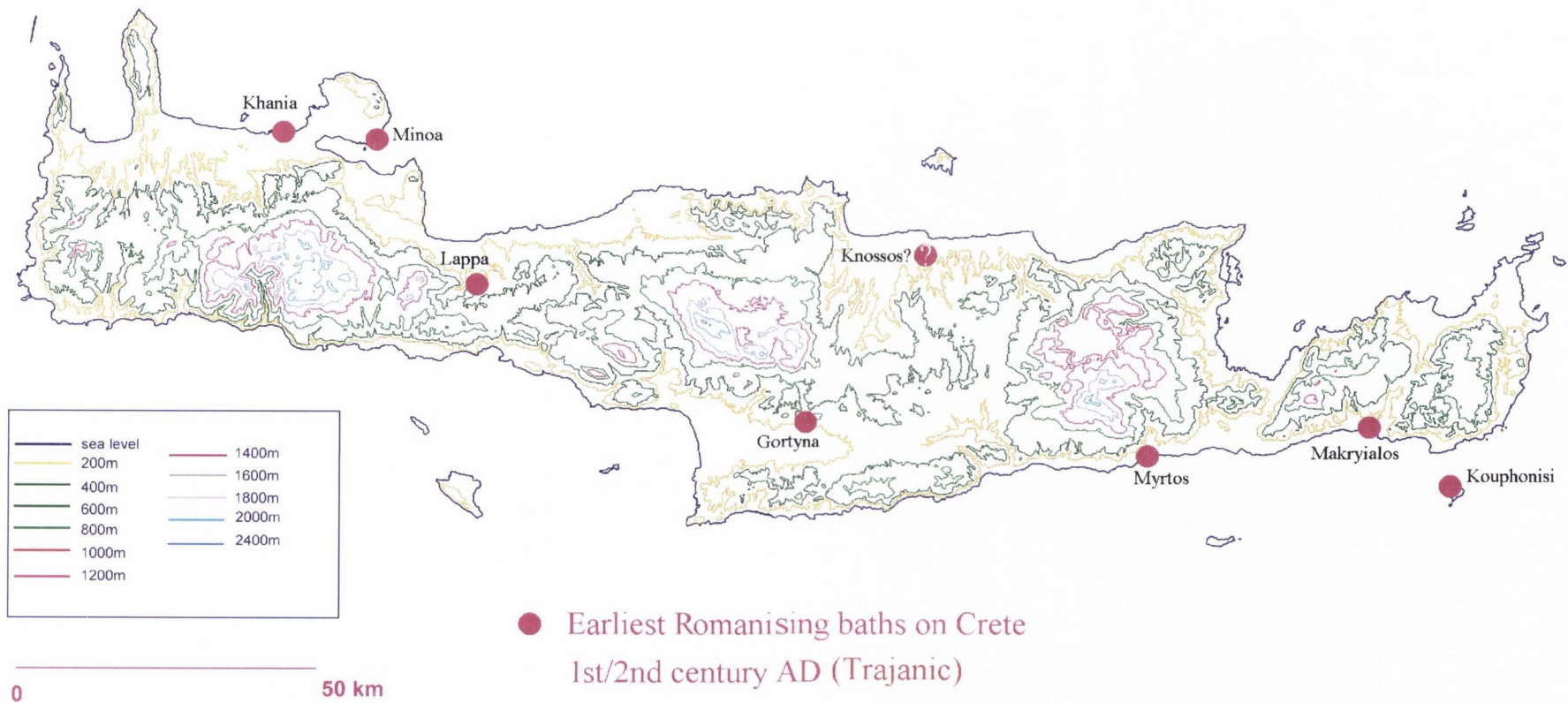


Figure 11

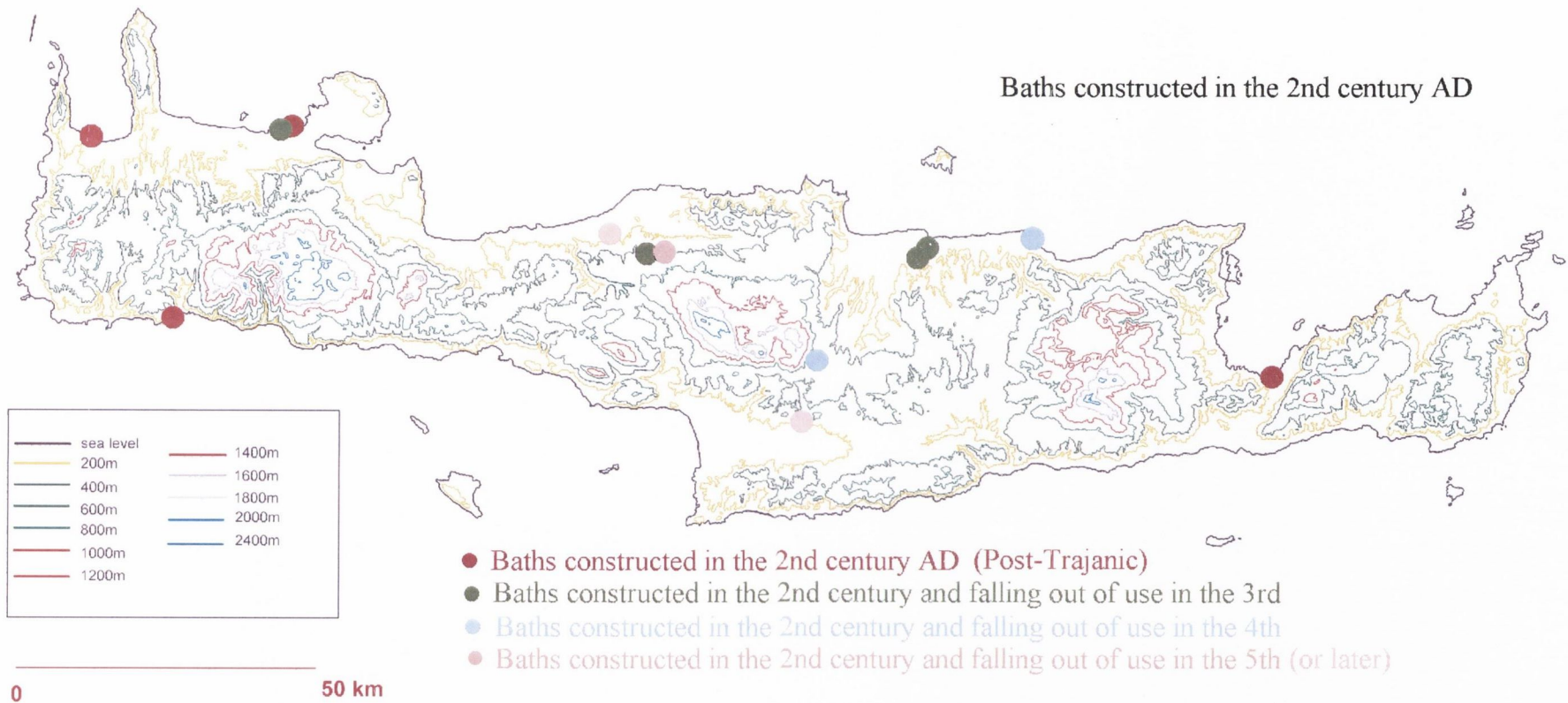


Figure 12

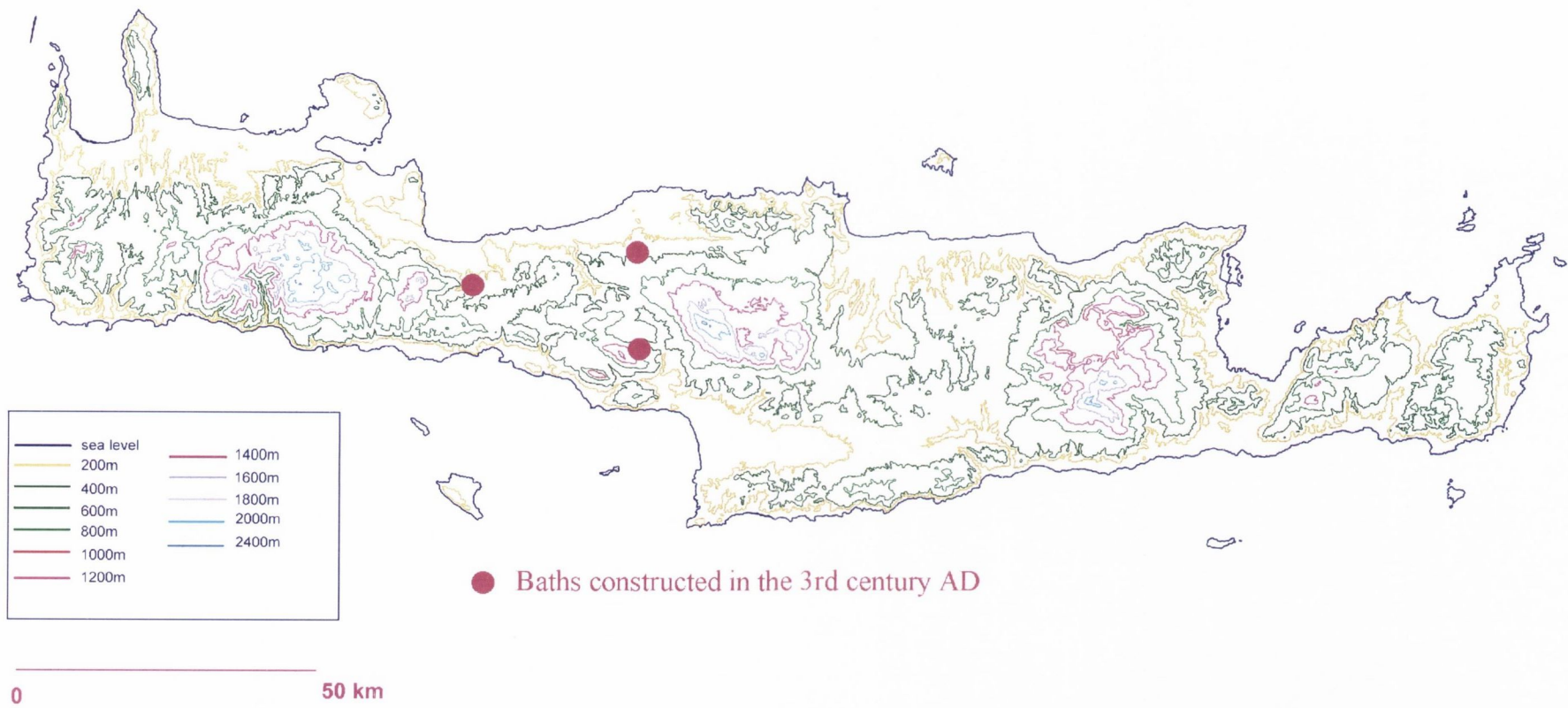


Figure 13

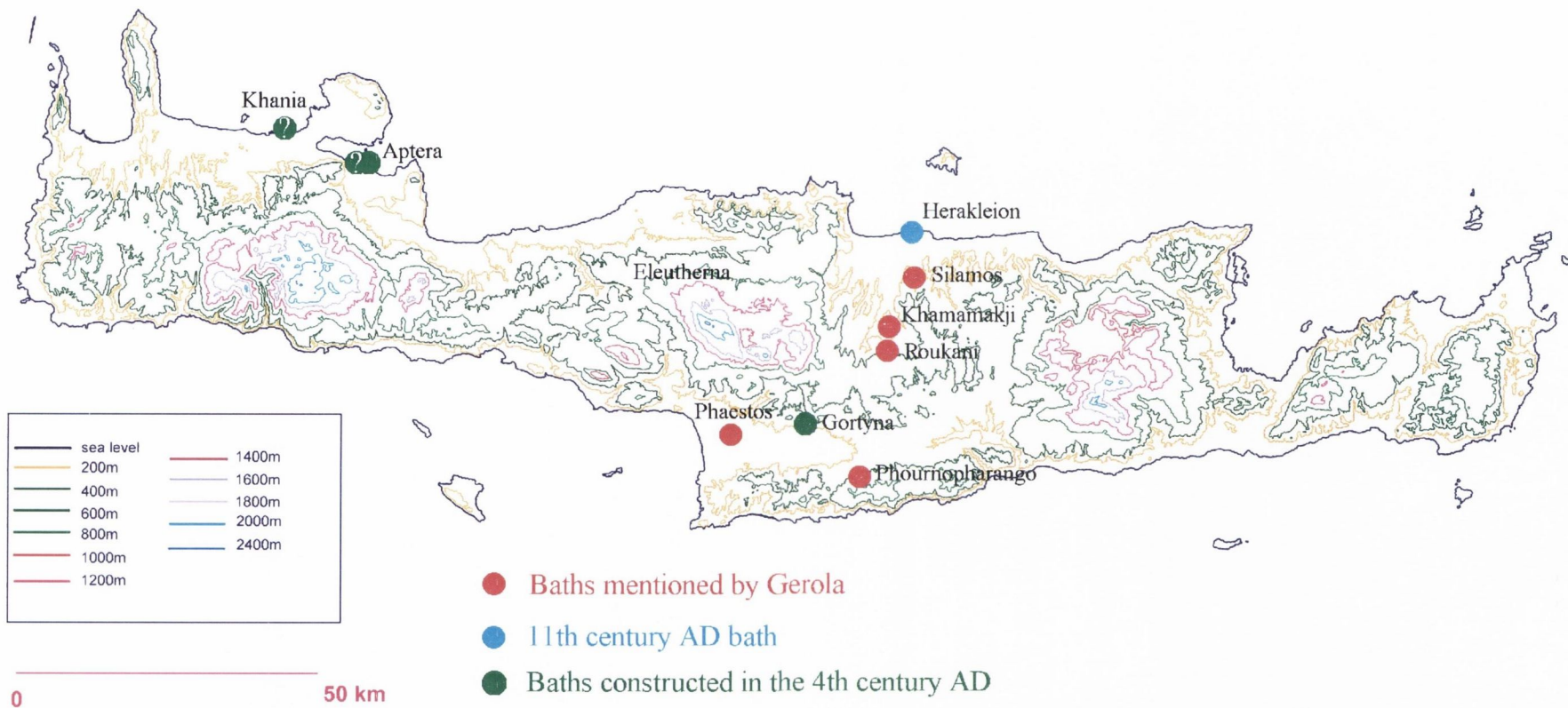


Figure 14

Toponyms related to bathing in Crete

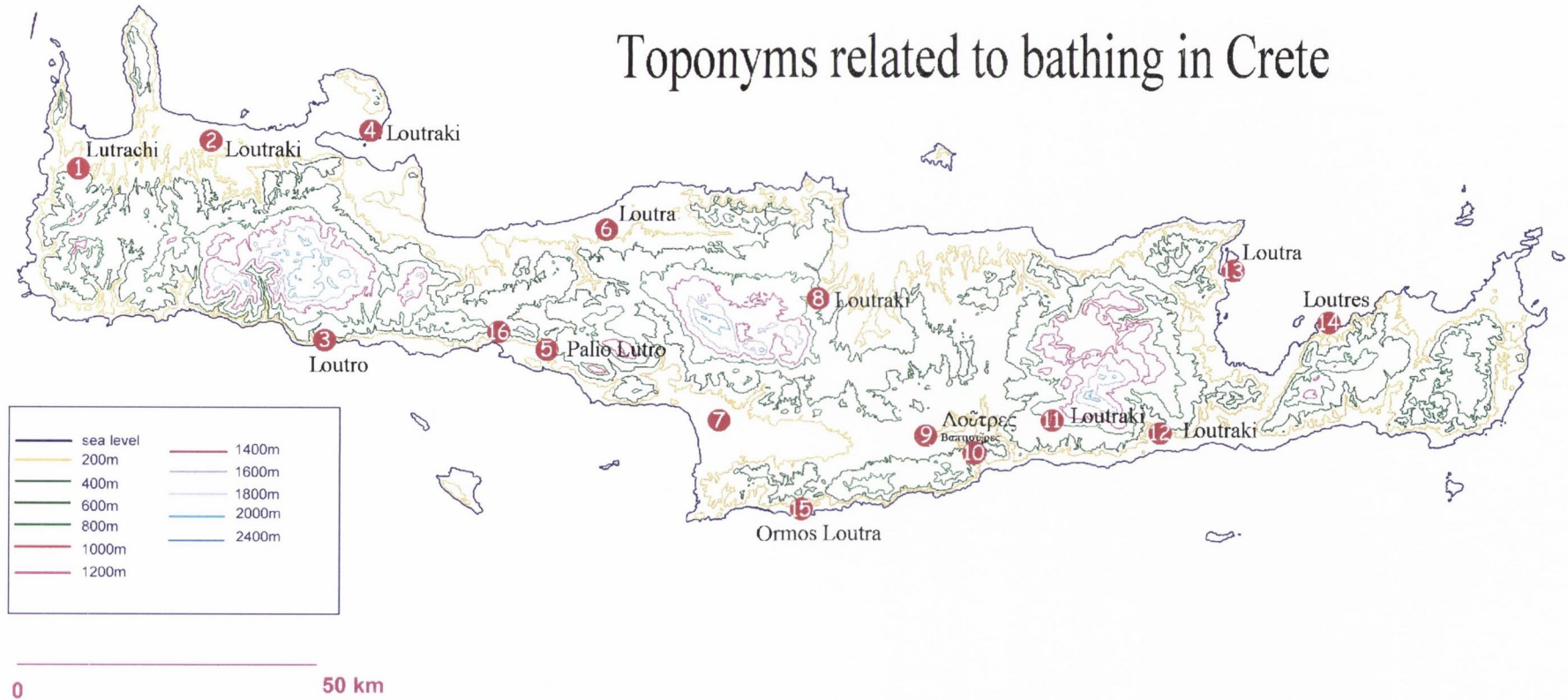


Figure 15

Route of the Delphi Theoroi

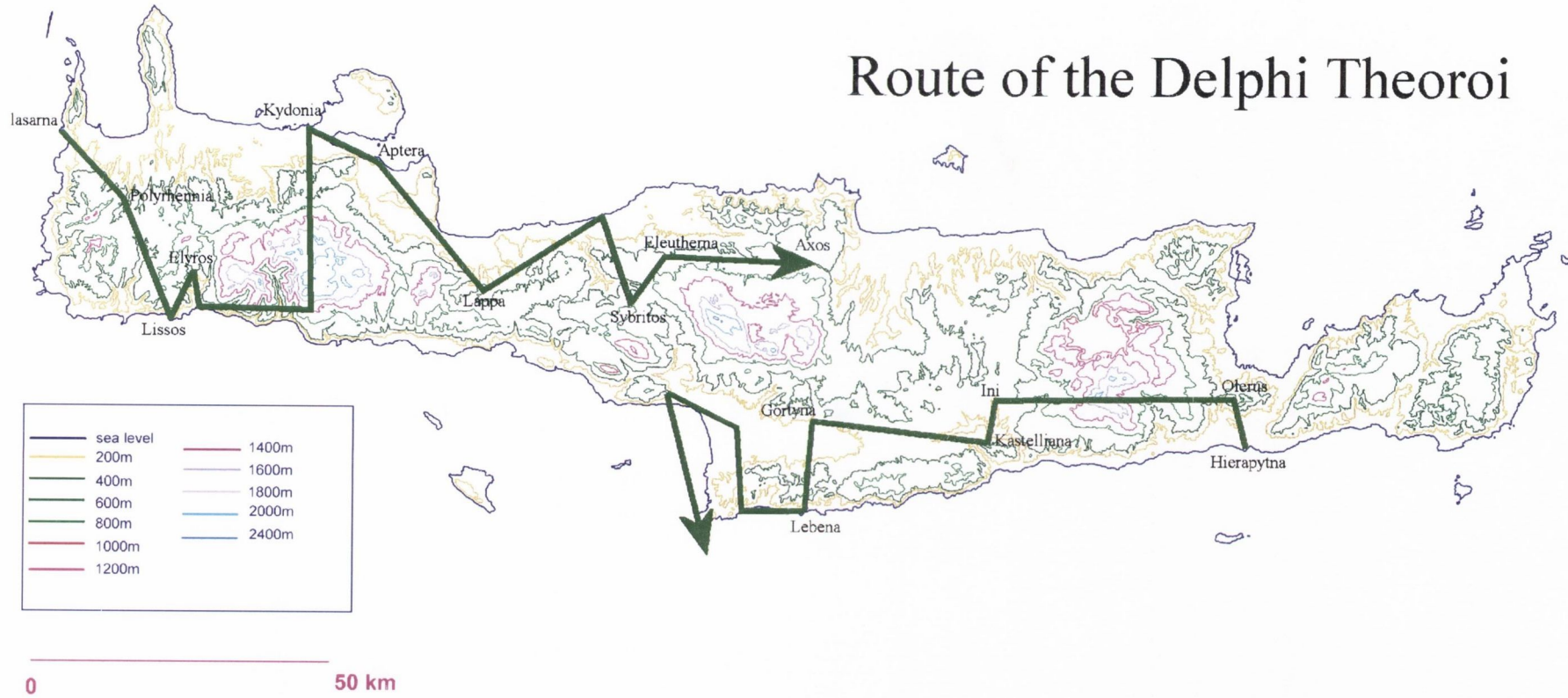


Figure 16

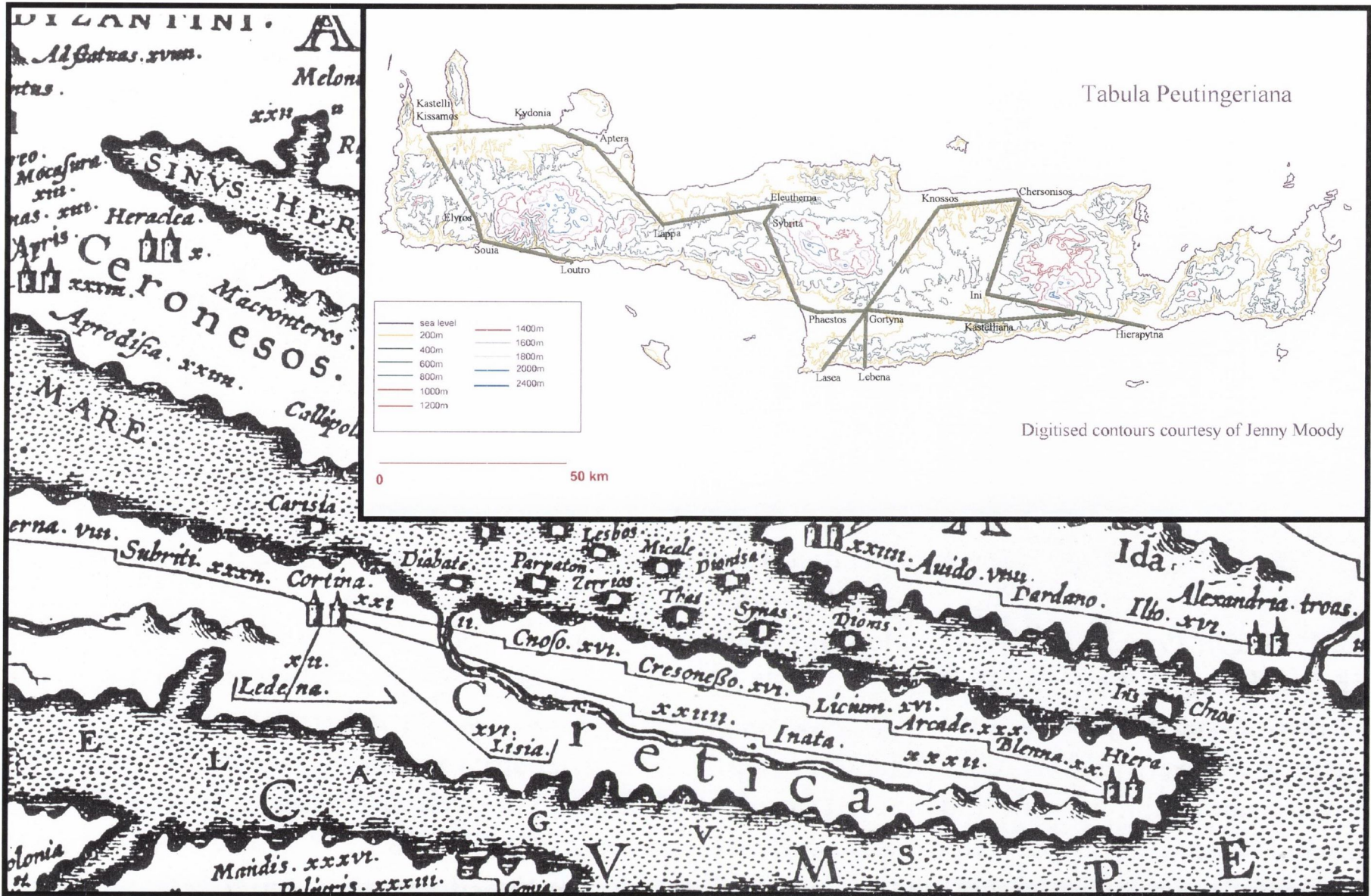


Figure 17

BATH DISTRIBUTION IN SARDINIA

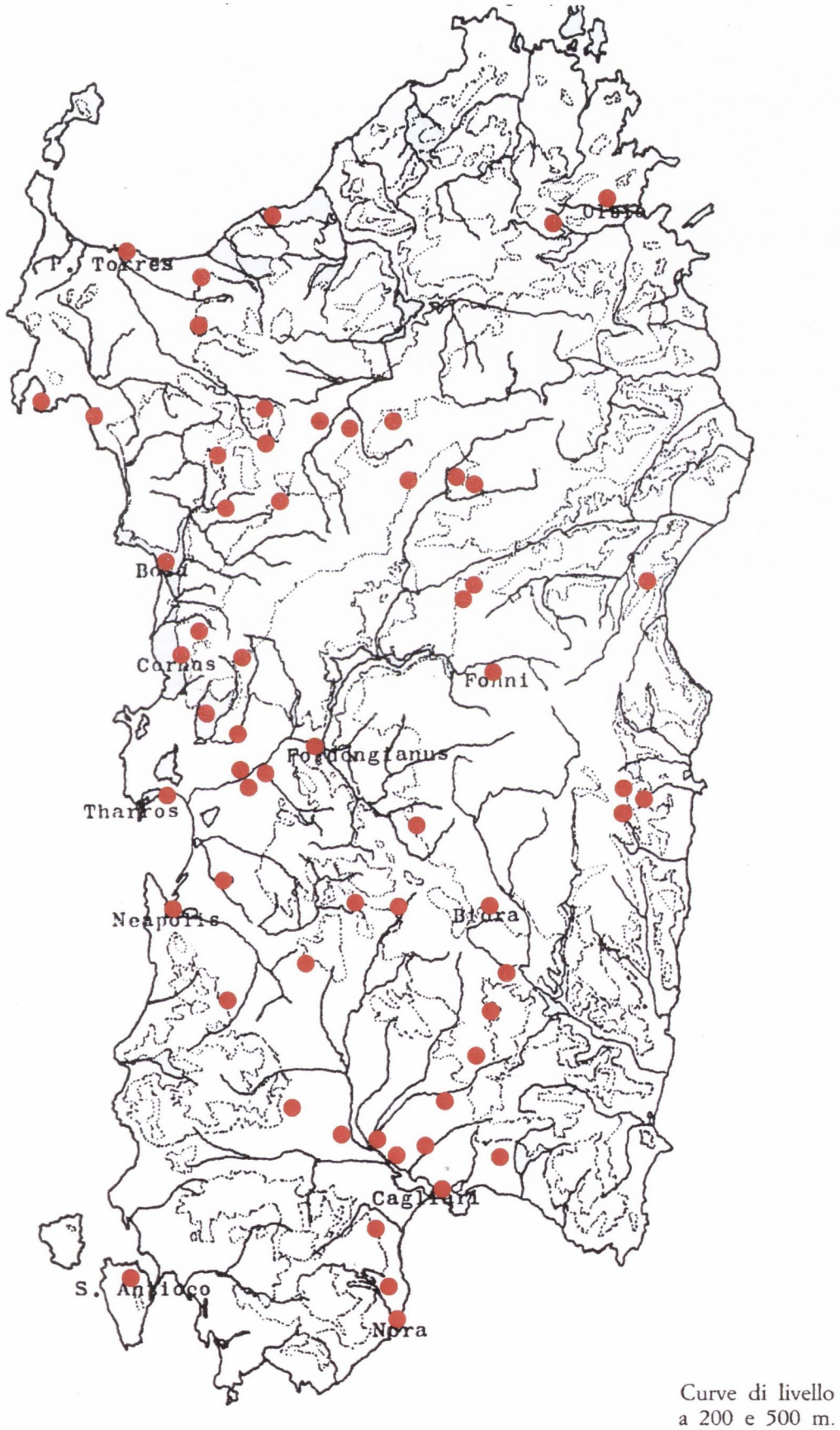


Figure 18 Sardinia Bath Distribution (after Rowland 1981, fig. 3)

KOUPHONISI

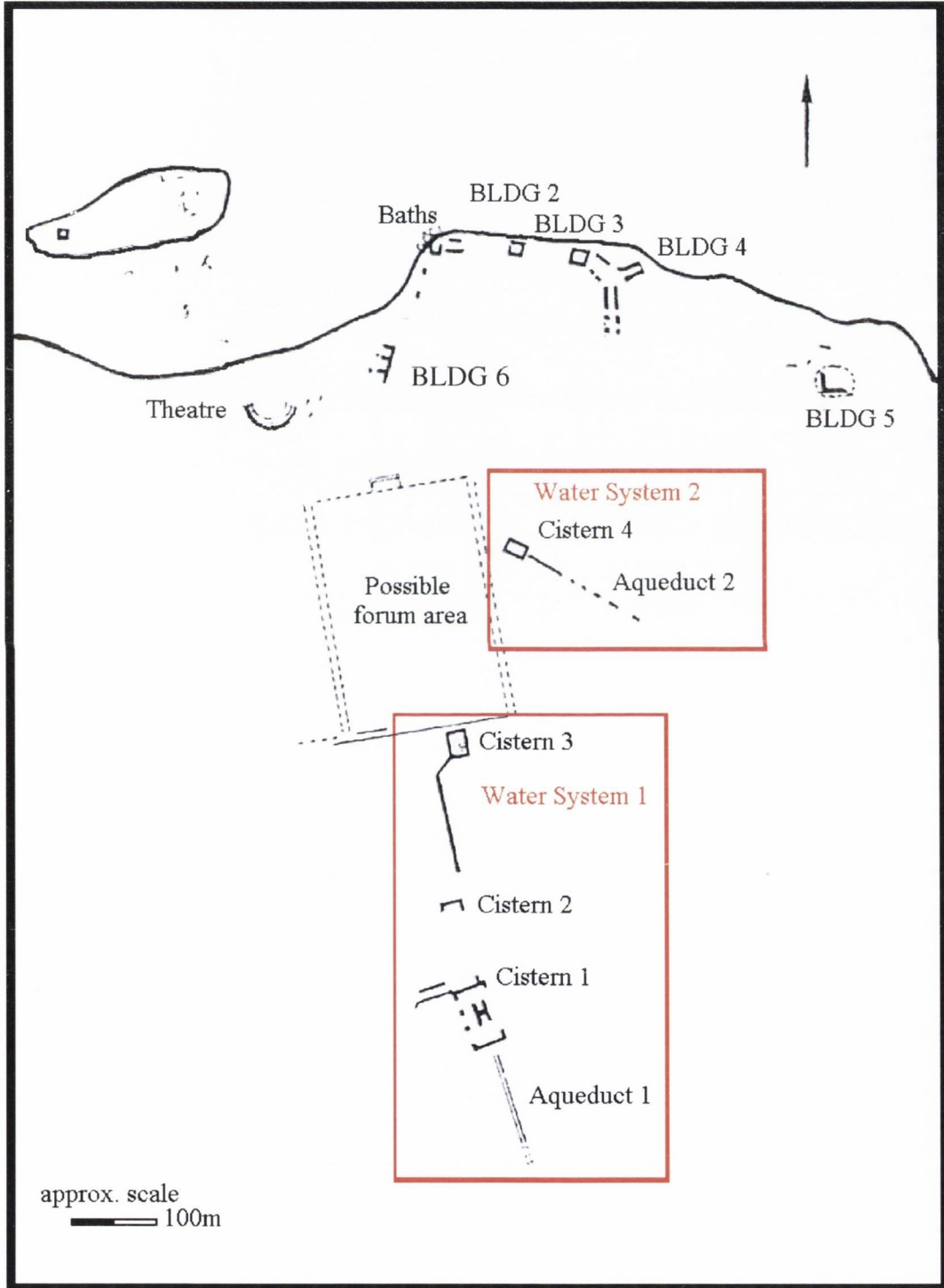


Figure 19 Plan of Roman site at Kouphonisi (after Leonard 1972, 354, fig. 1)



Figure 20 Detail of Hierapytna from British Admiralty Map (after Spratt 1852)

PACHYAMMOS

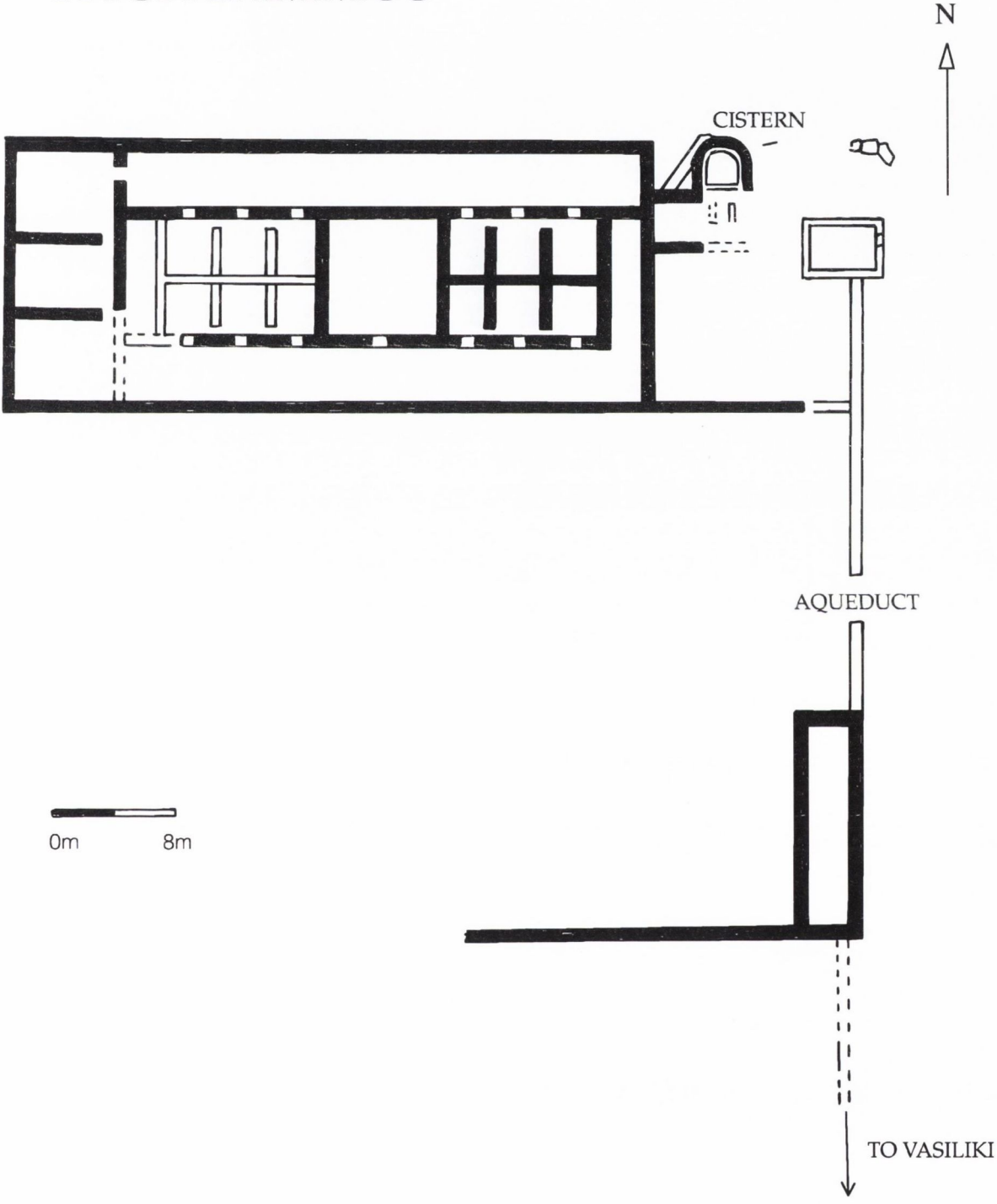


Figure 21 | Hastings' plan of the Roman site at Pachyammos (after Boyd 1904-5, 14, fig. 5)

PACHYAMMOS

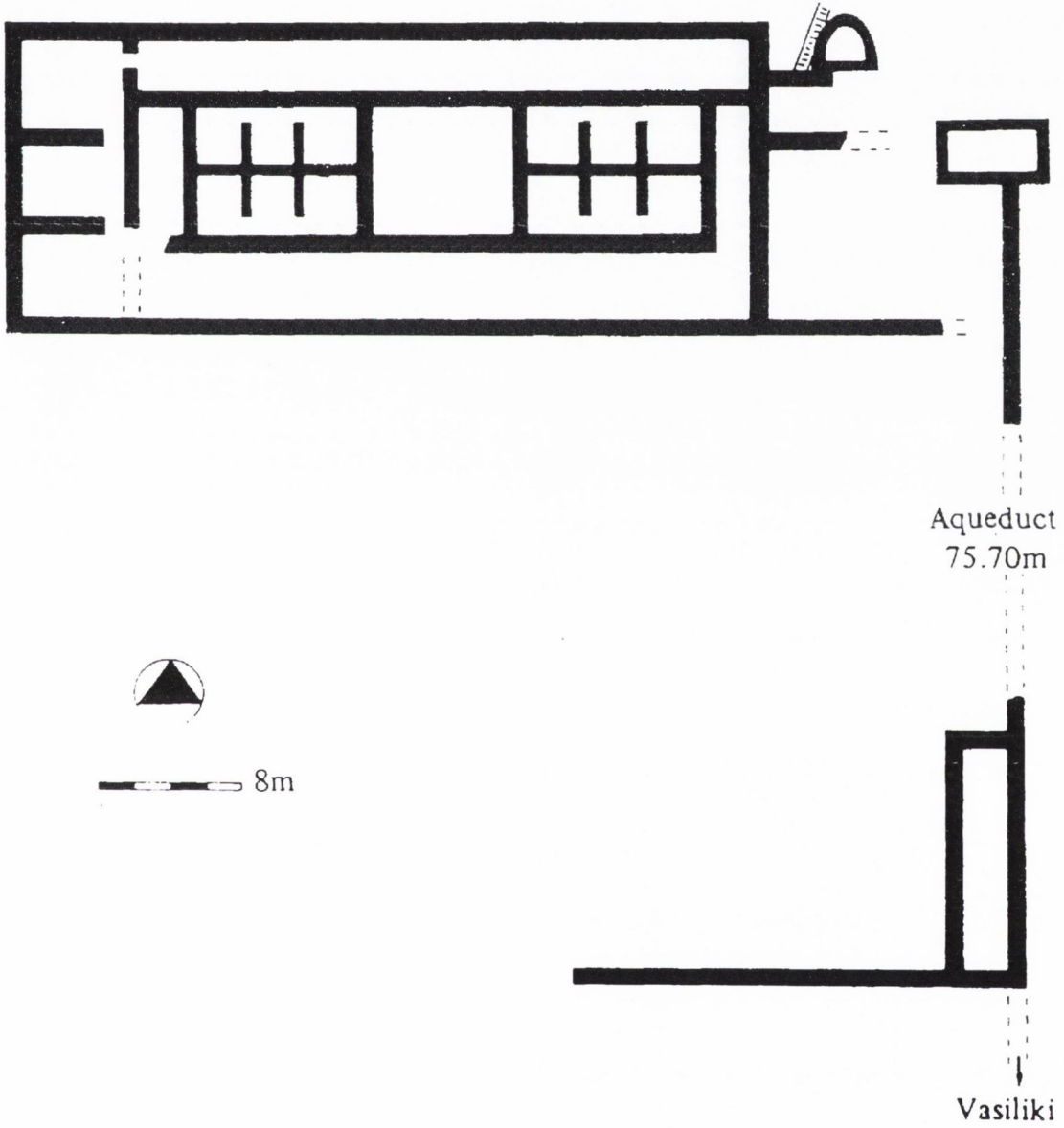


Figure 22 Sanders' plan of the Roman site at Pachyammos (after Sanders 1982, 140, fig. 50)



Figure 23 Detail of Lasithi from British Admiralty Map (after Spratt 1852)

TRAJECTORY OF THE AQUEDUCT OF LYTTOS

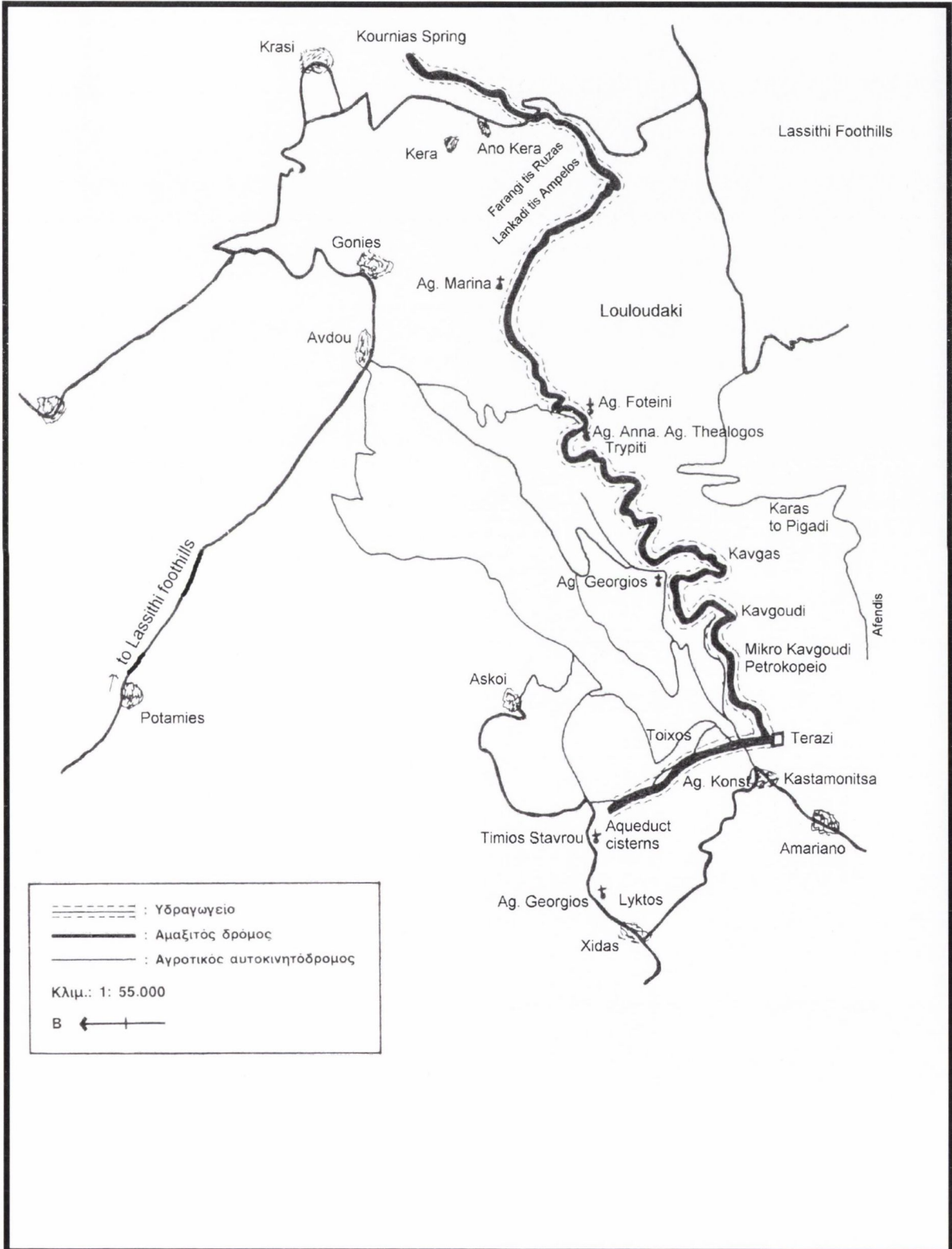
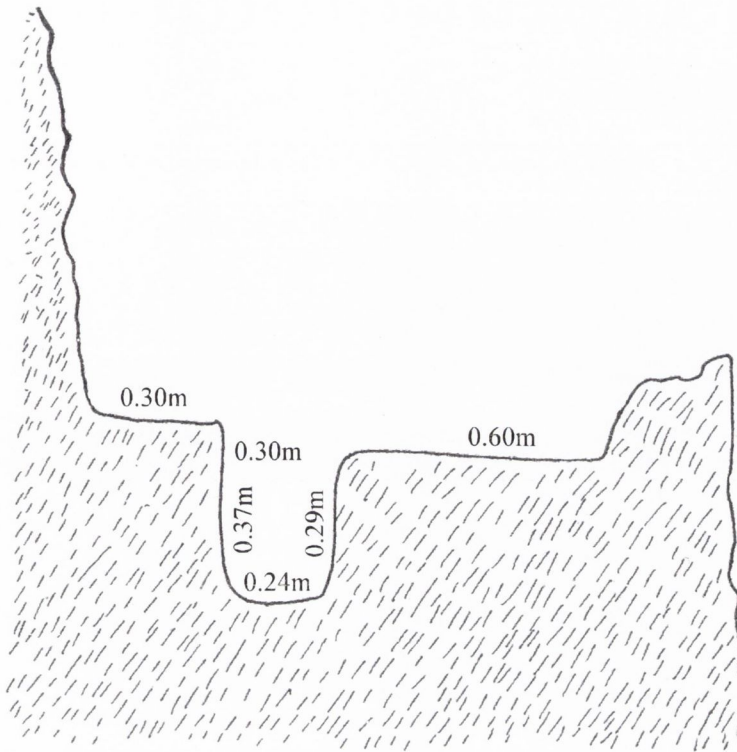
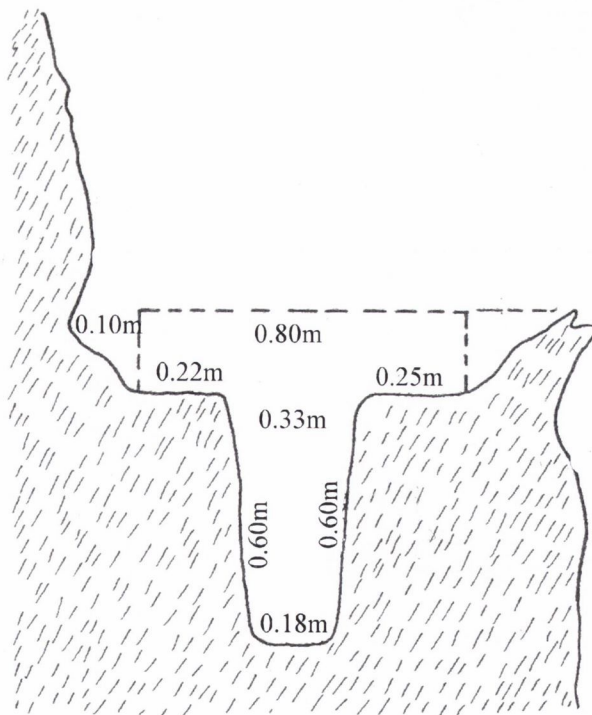


Figure 24 Trajectory of the Lyttos aqueduct (after Oikonomaki 1984, 68)

LYTTOS AQUEDUCT



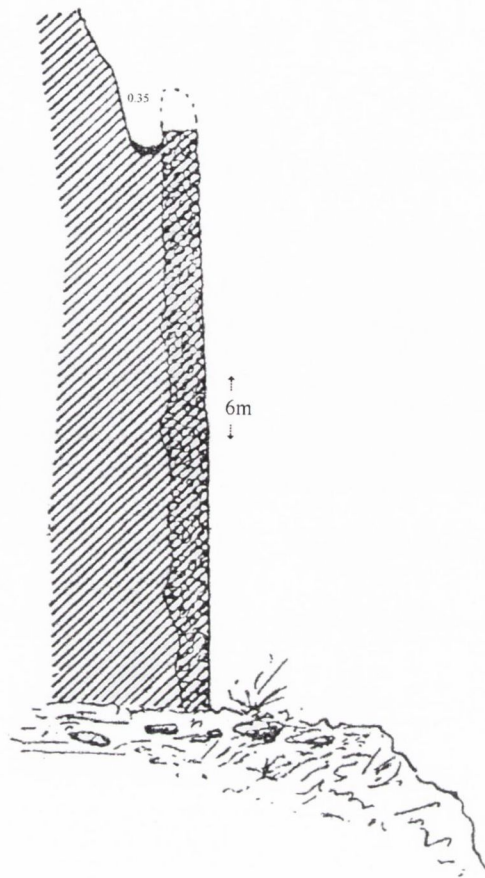
A. Section of the rock-cut channel in the locale of Kavgoudi (scale 1:20)



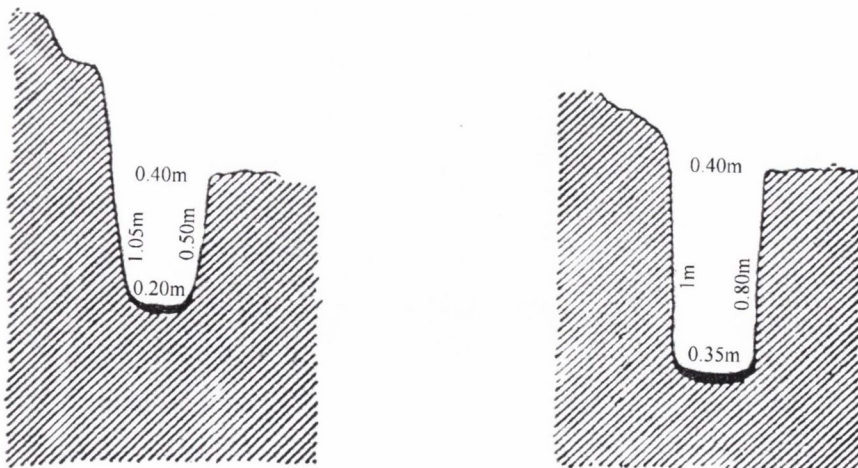
B. Section of the rock-cut channel in the locale of Kavgoudi (scale 1:20)

Figure 25 Rock-cut channel sections along the Lyttos aqueduct (after Oikonomaki 1984, 72)

LYTTOS AQUEDUCT



Aqueduct section near Kera



Aqueduct section near Kera

Figure 26 Lyttos Aqueduct : revetted and rock-cut channel sections
(after Taramelli 1899, figs 44-45)

TRAJECTORY OF THE AQUEDUCT OF CHERSONISOS

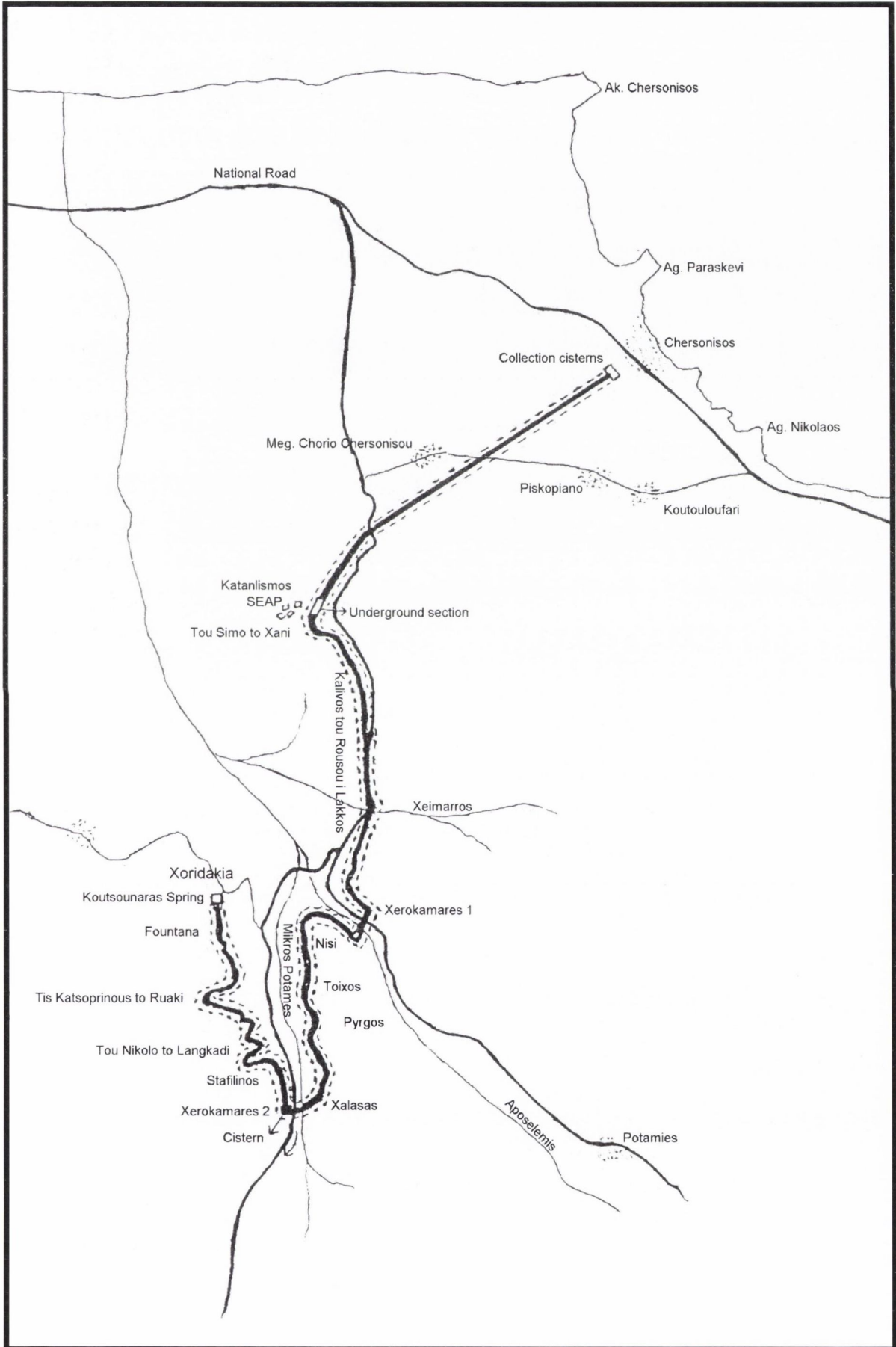


Figure 27 Trajectory of the Chersonisos aqueduct (after Oikonomaki 1986, 55)

FREE-FLOW BRIDGE AT XEROKAMARES 2

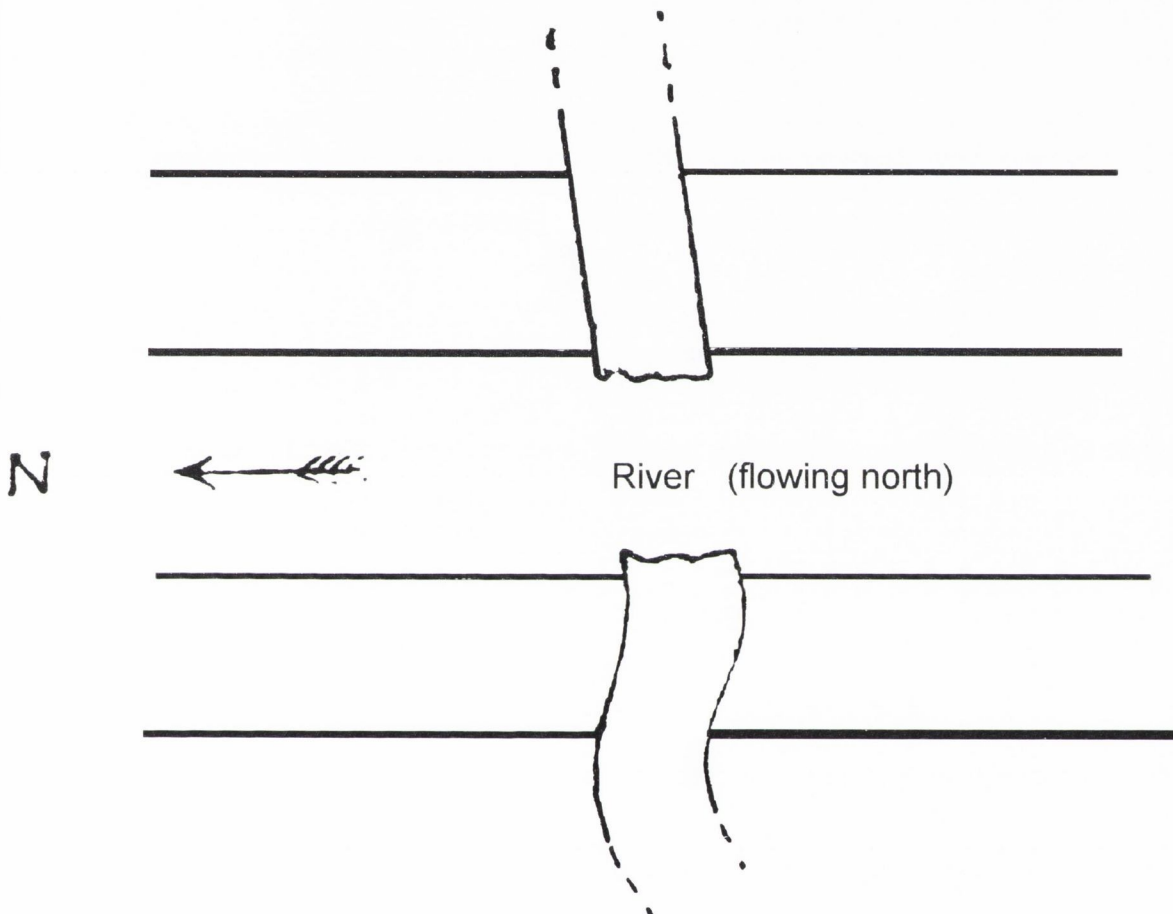


Figure 28 Plan of the free-flow bridge at Xerokamares 2 (after Taramelli 1899, 373, fig. 35)

MALIA

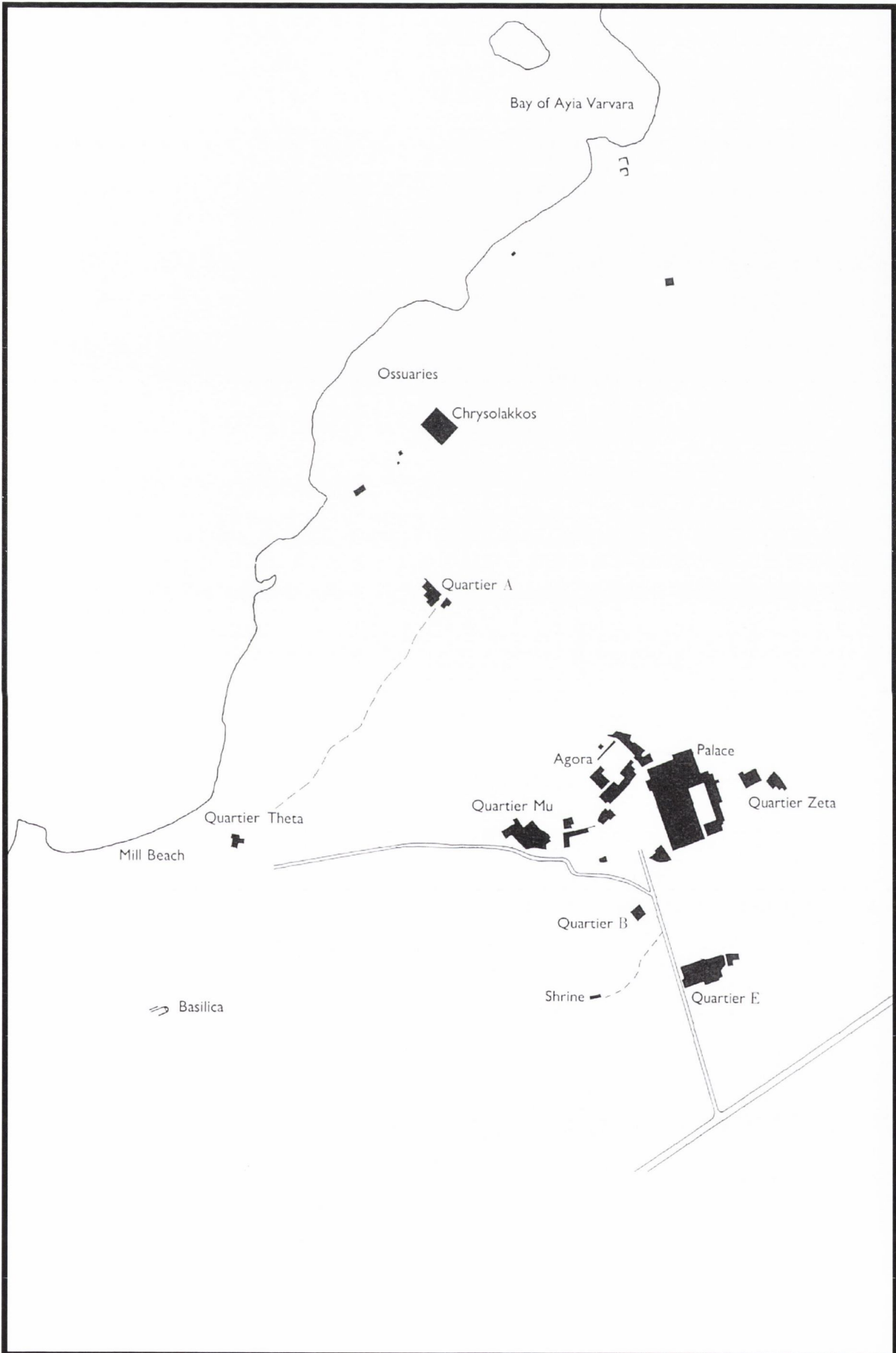


Figure 29 Plan of the Malia survey area (after Myers *et al.* 1992, 176, fig. 24.1)

MALIA

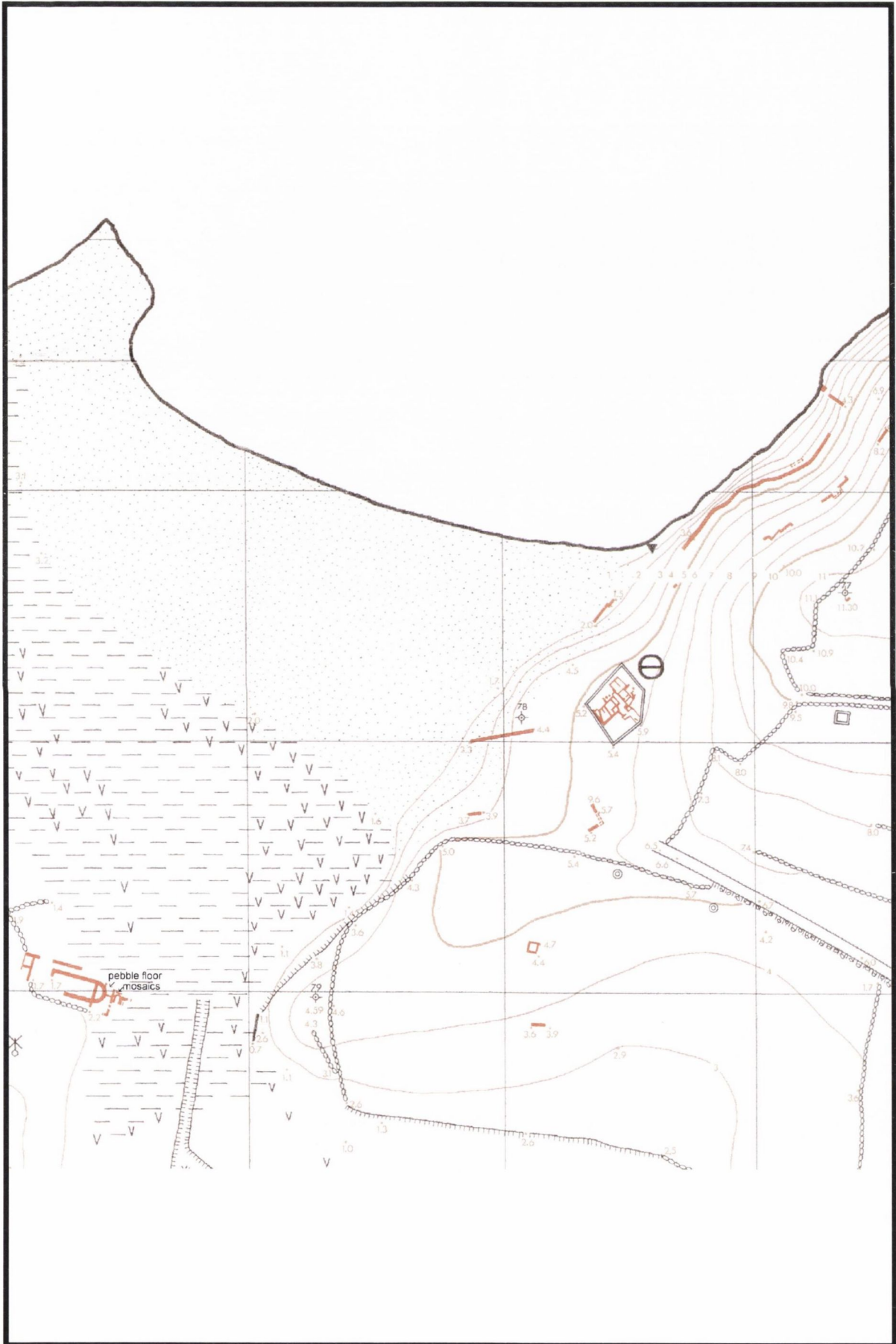


Figure 30 Plan of Malia survey area (after Études Crétoises XIX)

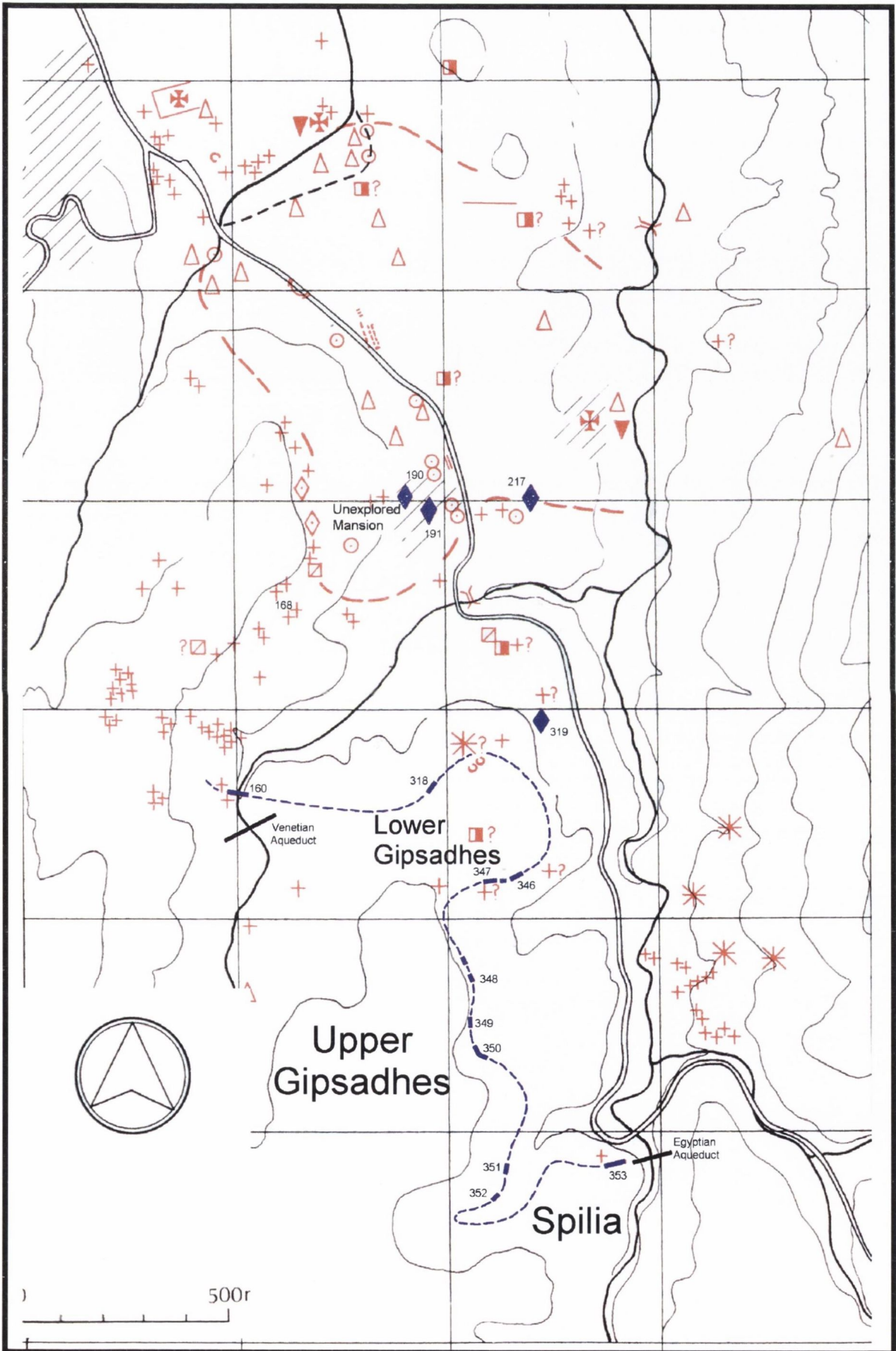


Figure 31 Trajectory of the Knossos aqueduct (after Hood & Smyth 1981, 25, fig. 6)

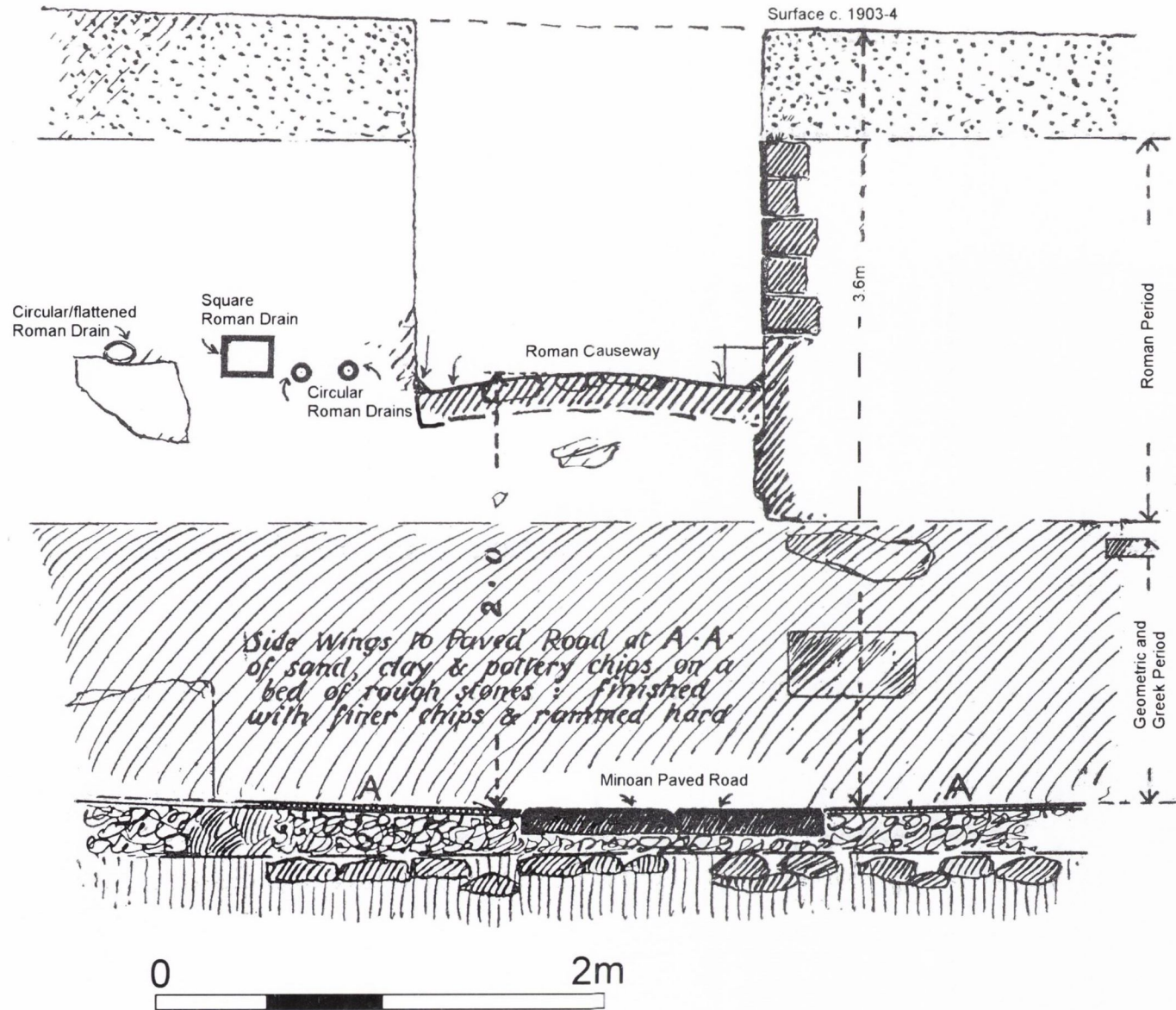
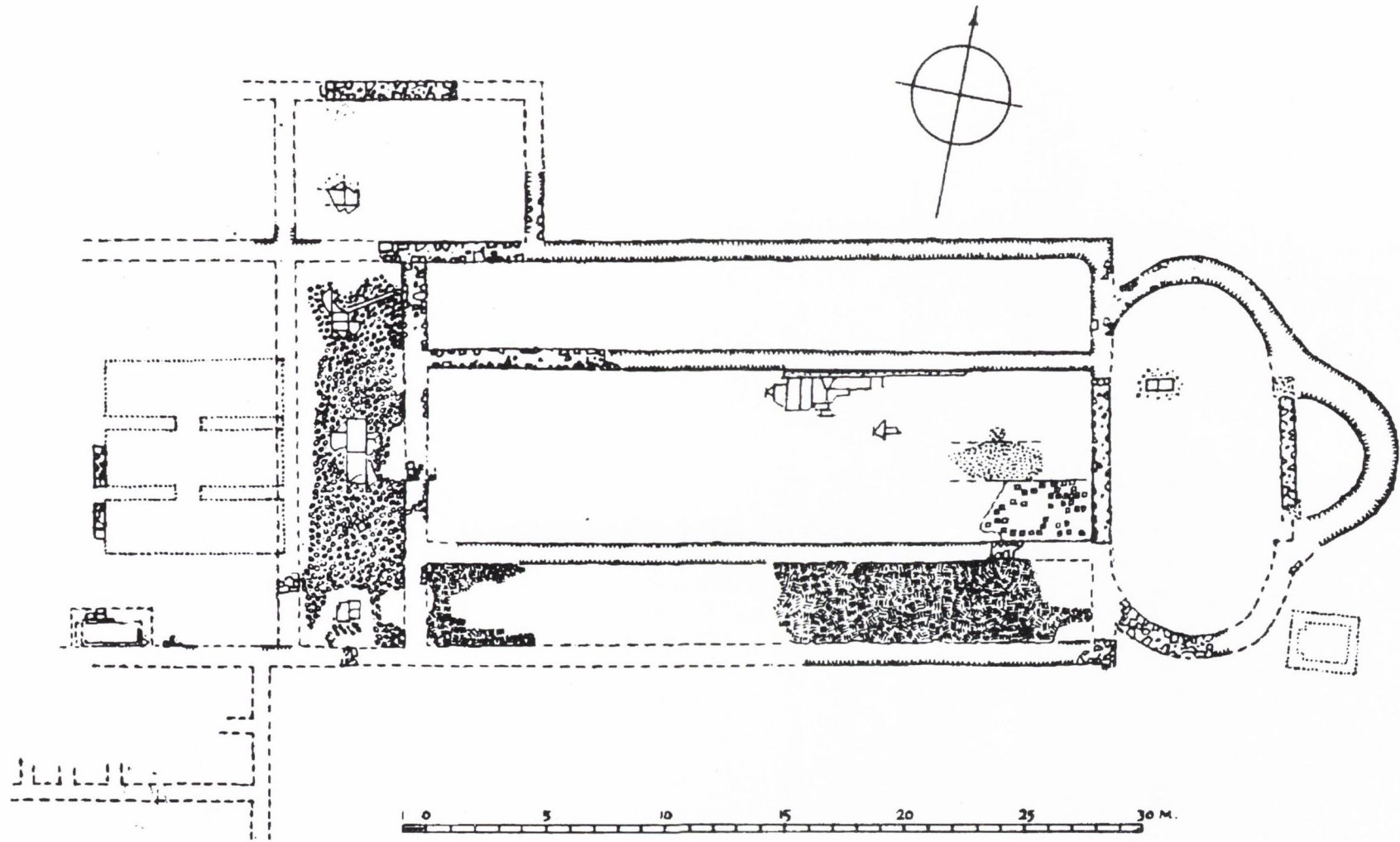


Figure 32 Knossos. Section of the Roman Road overlying the Royal Road
(after Evans 1903-4, 52-3, fig. 18)

TREFOIL BASILICA



Plan of the excavated remains (1:500).

Figure 33 Knossos; Trefoil Basilica and Roman cisterns (after Megaw 1984, 322, fig. 1)

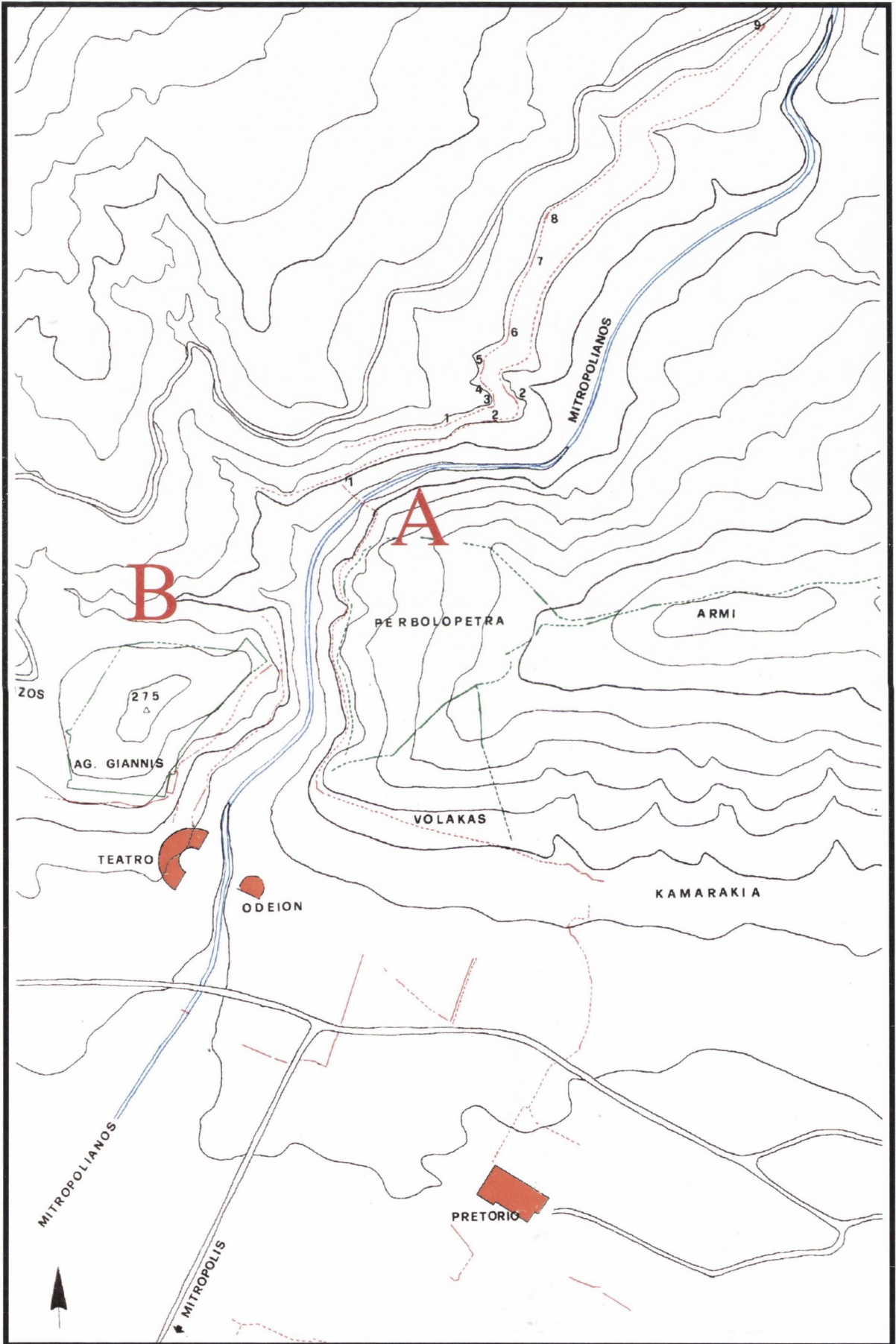


Figure 34 Trajectory of the Gortyna aqueduct (after La Torre 1988-9, map III)

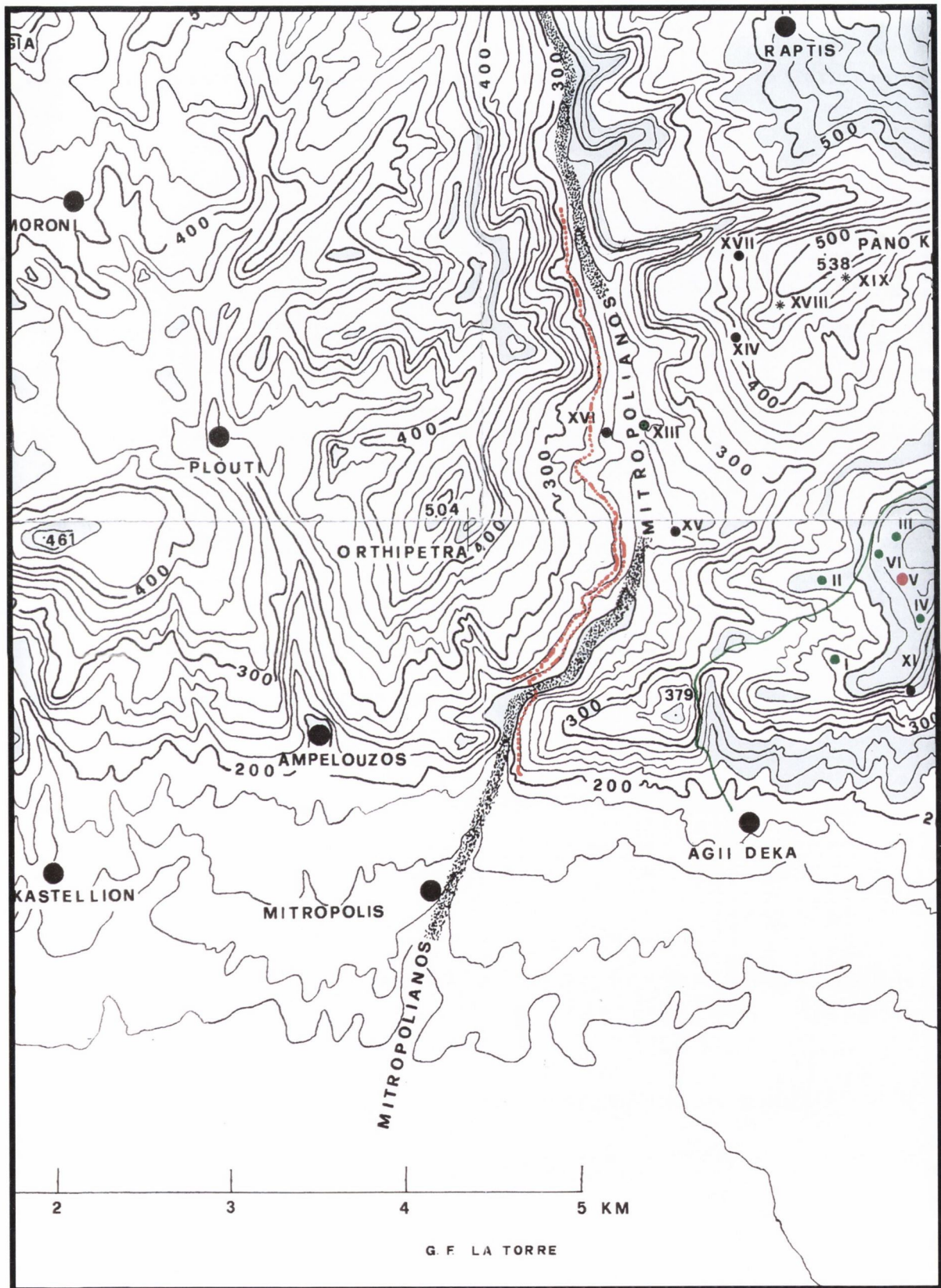


Figure 35 Trajectory of the Gortyna aqueduct (after La Torre 1988-9, map I)

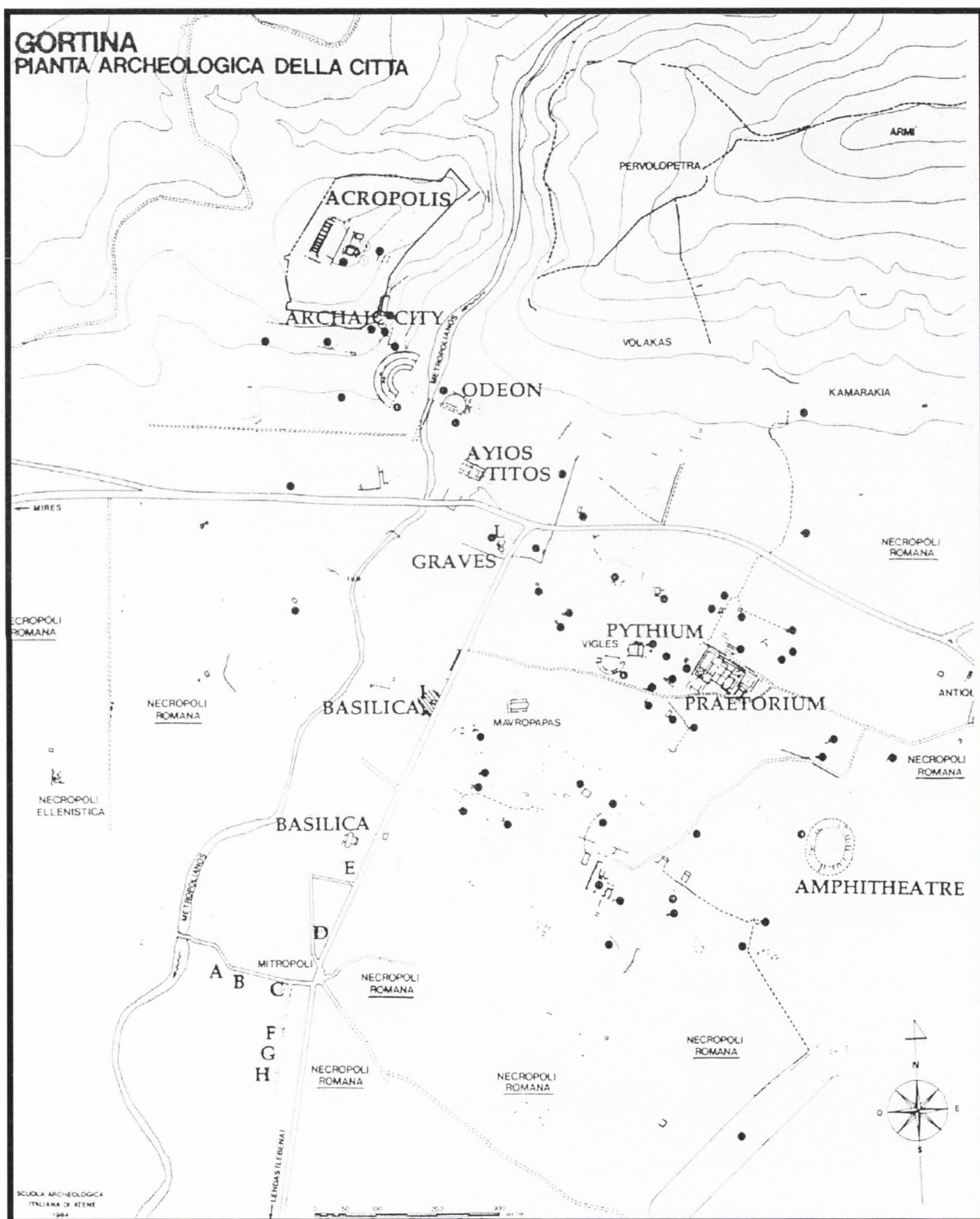


Figure 36 Gortyna site plan (after Di Vita *et al.* 1984, 72-3, fig. 36)

Ruines de GORTYNE

1. Le Château
2. La Ville
3. Voie a costé
du Ruisseau
4. Ruisseau.

5. Source qui fournis-
soit l'eau pour la Ville.
6. Aqueduc qui condui-
soit l'eau dans la Ville.

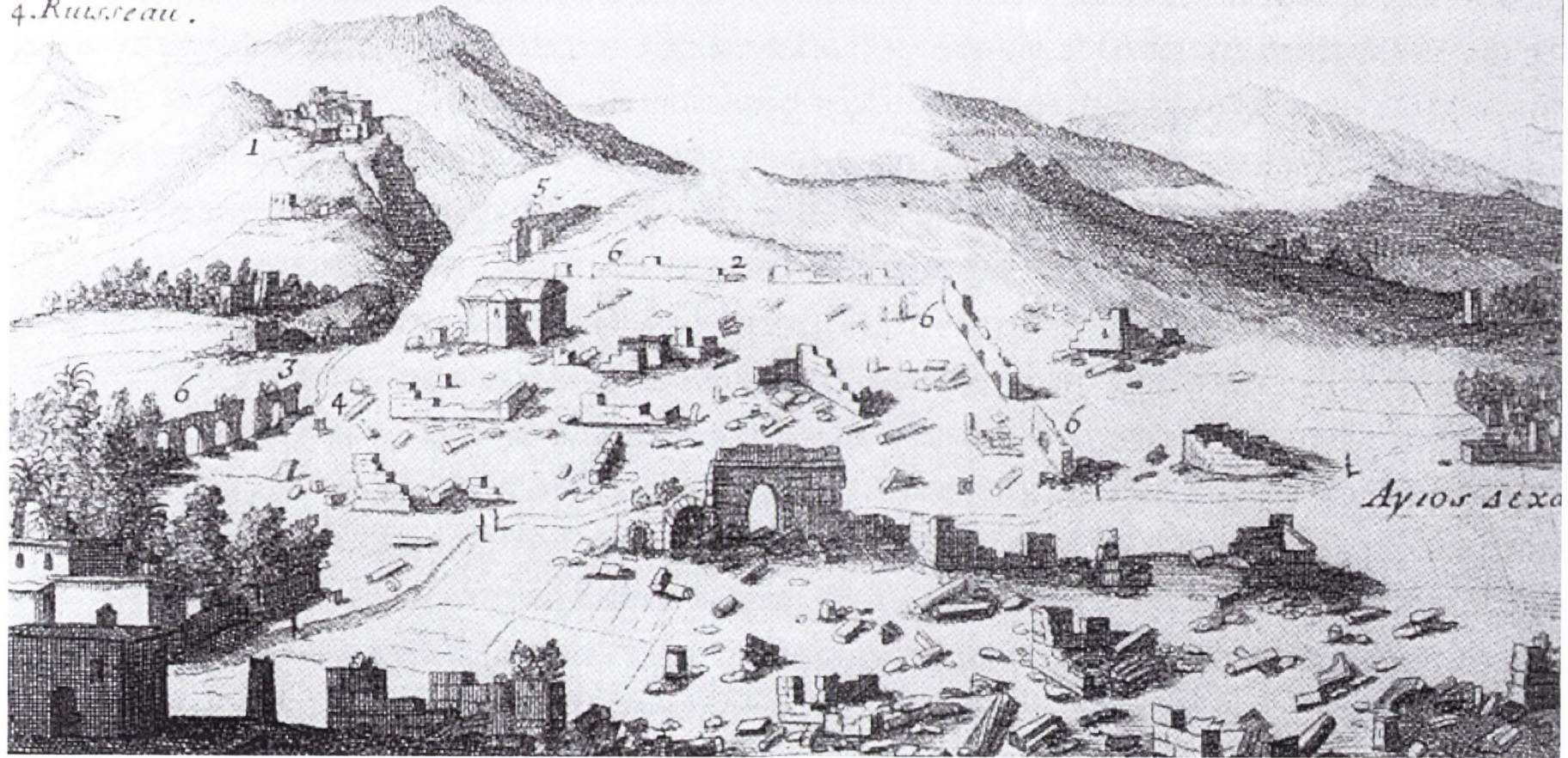


Figure 37 Tournefort's engraving of Gortyna (after Tournefort 1718, I, 46)

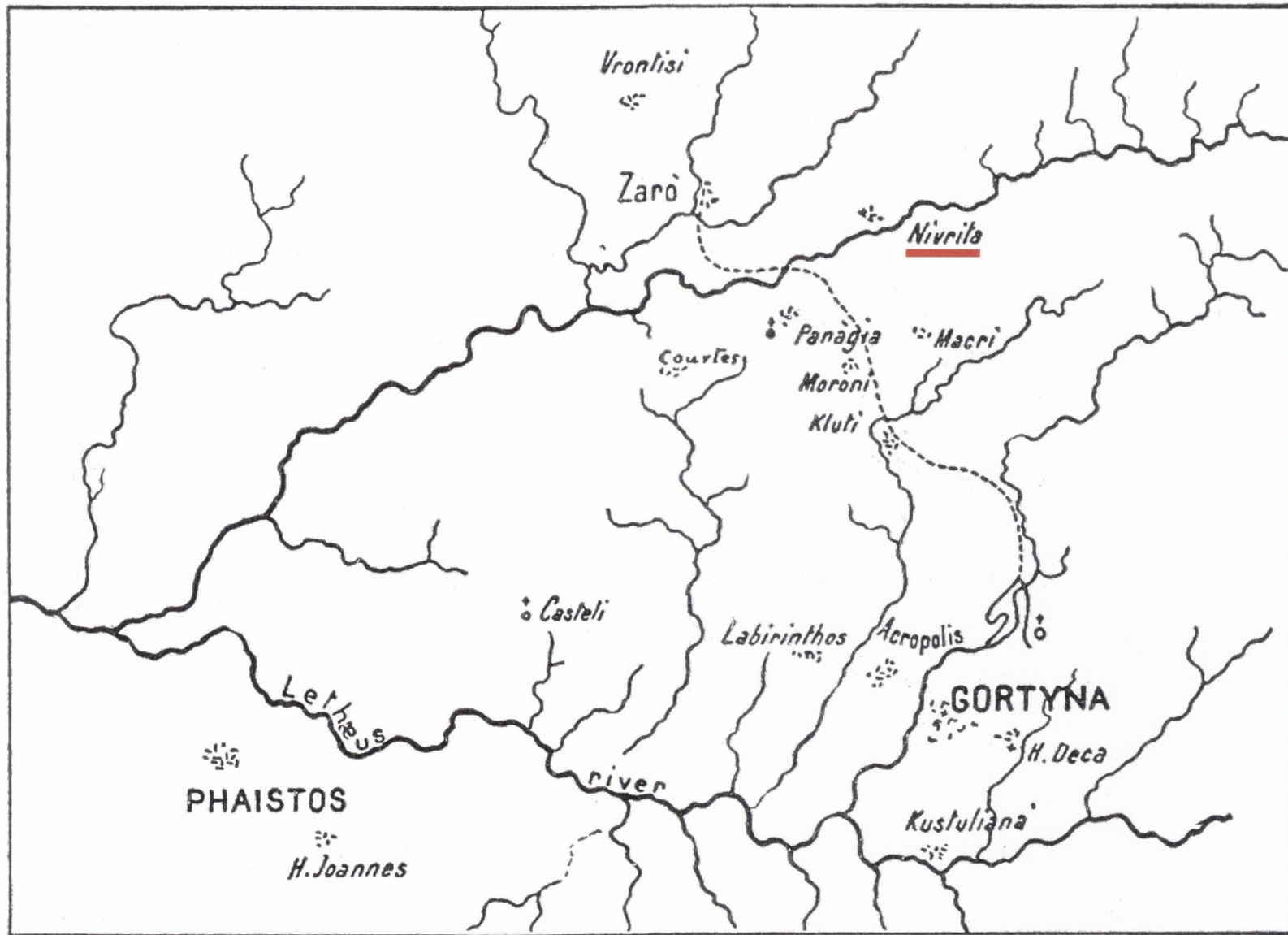
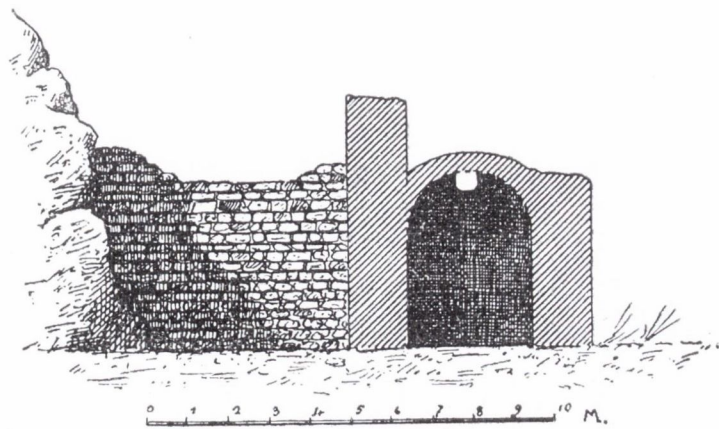


Figure 38 Taramelli's trajectory of the Gortyna aqueduct (after Taramelli 1902, 121, fig. 11)



THE CAPUT AQUAE: SECTION.

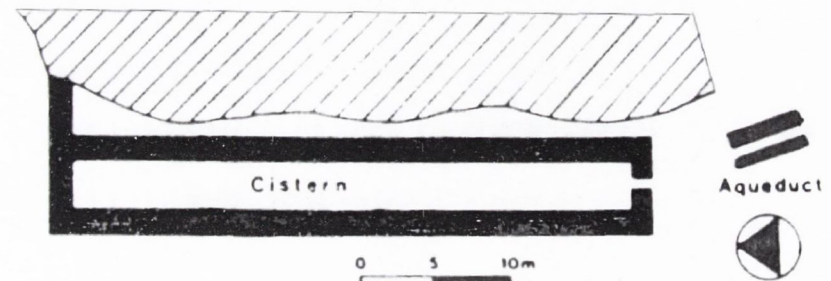
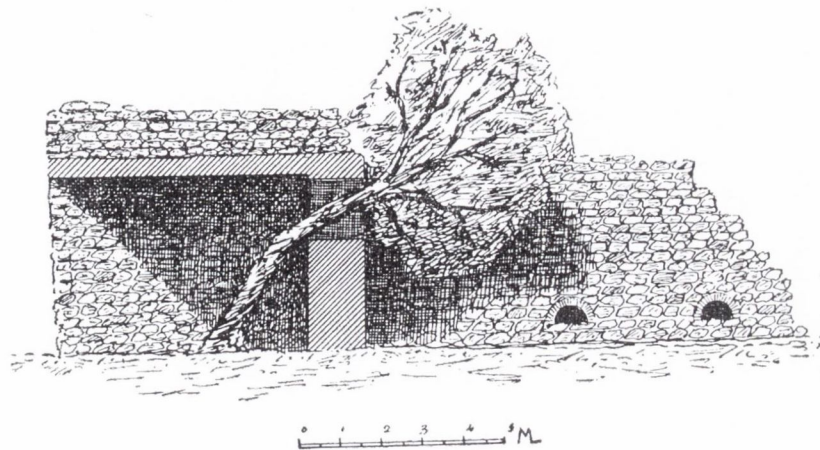
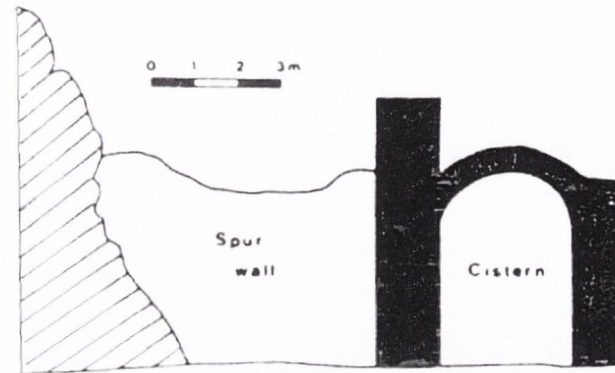


Figure 39 The *Caput Aquae* of the Gortyna aqueduct at Zaros (after Taramelli 1902, 124, figs 13a-b)

Figure 40 The *Caput Aquae* of the Gortyna aqueduct at Zaros (after Sanders 1982, 155, fig. 57)

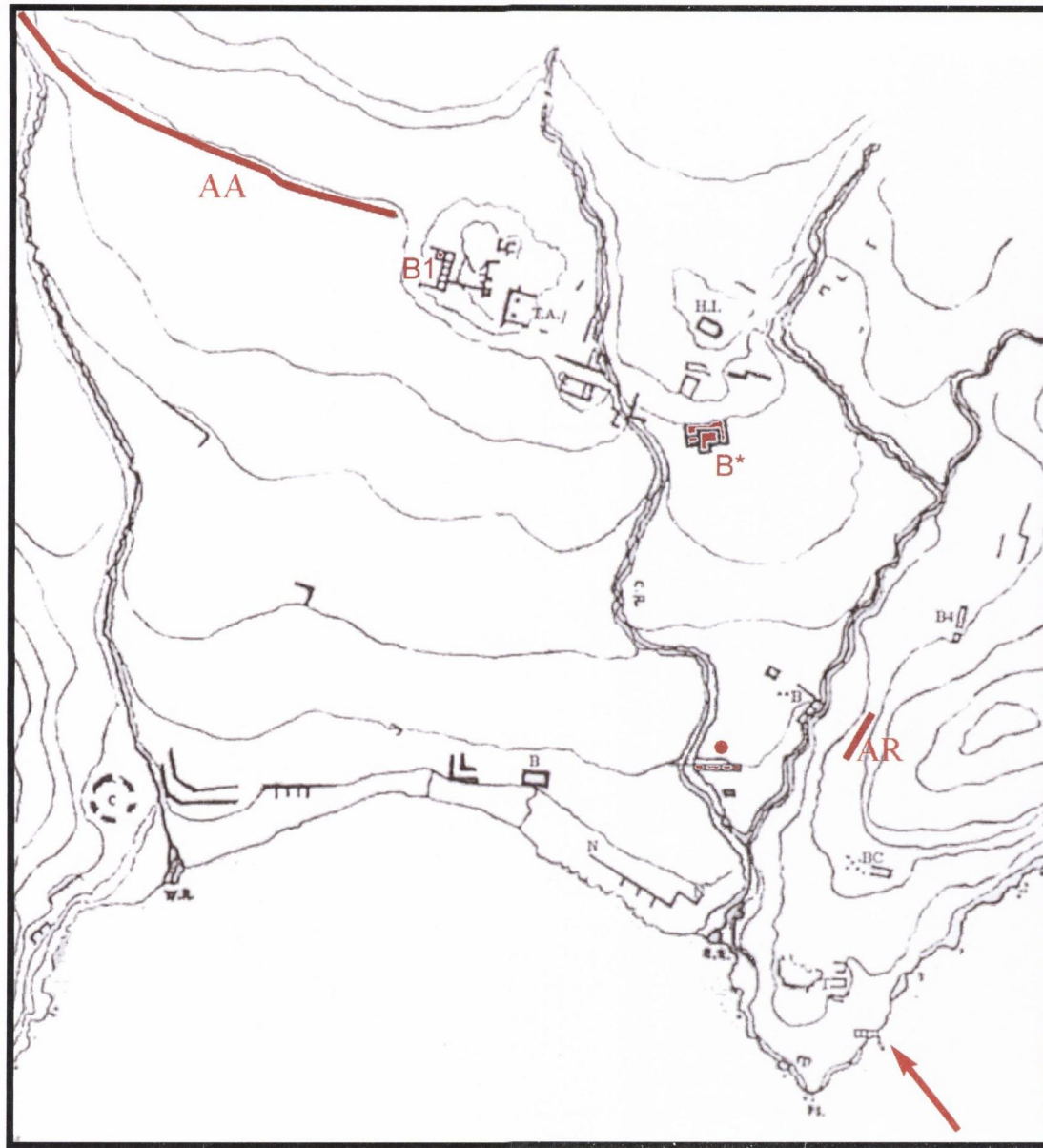


Figure 41 Taramelli's sketch plan of Lebena (after Di Vita *et al.* 1984, 118, fig. 128)

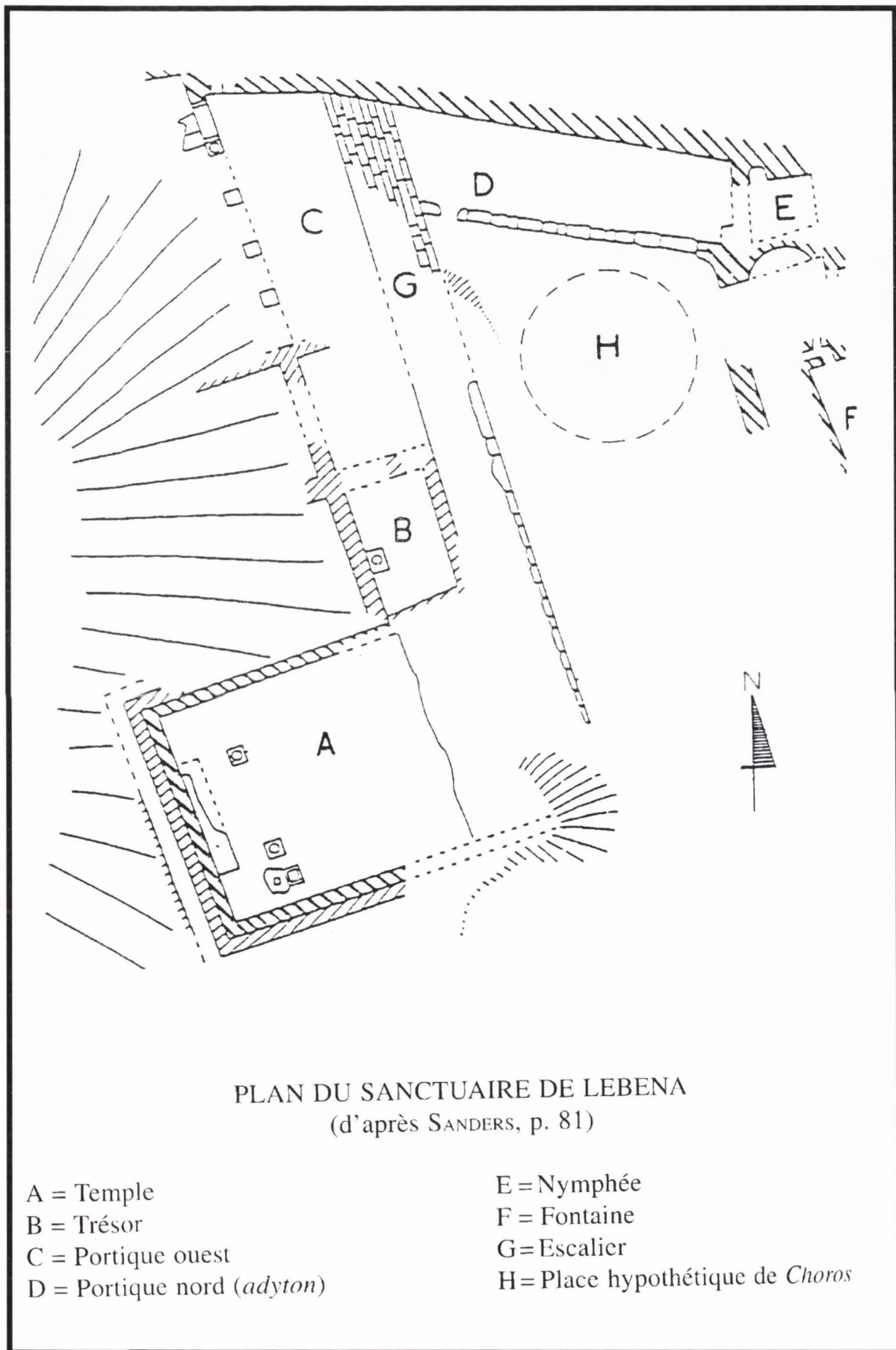


Figure 42 Map of the temple complex at Lebena (after Sanders 1982, 81, fig. 19)

TEMPIO. NELLA. CITTA. DI. LEBENO. IN. CANDIA.

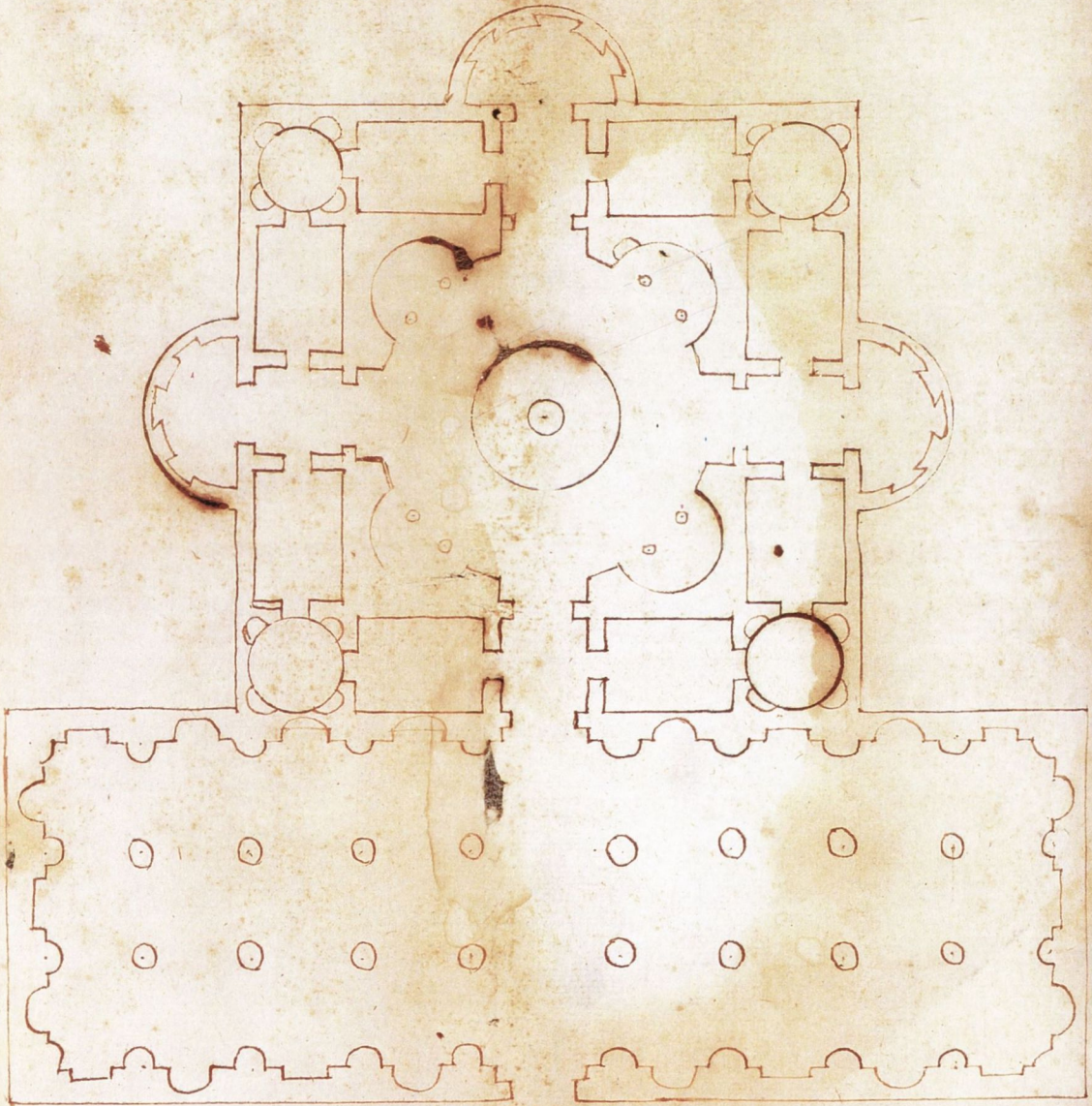


Figure 43 | Belli's Plan of the Temple at Lebena (after Beschi 1999, man. 68)

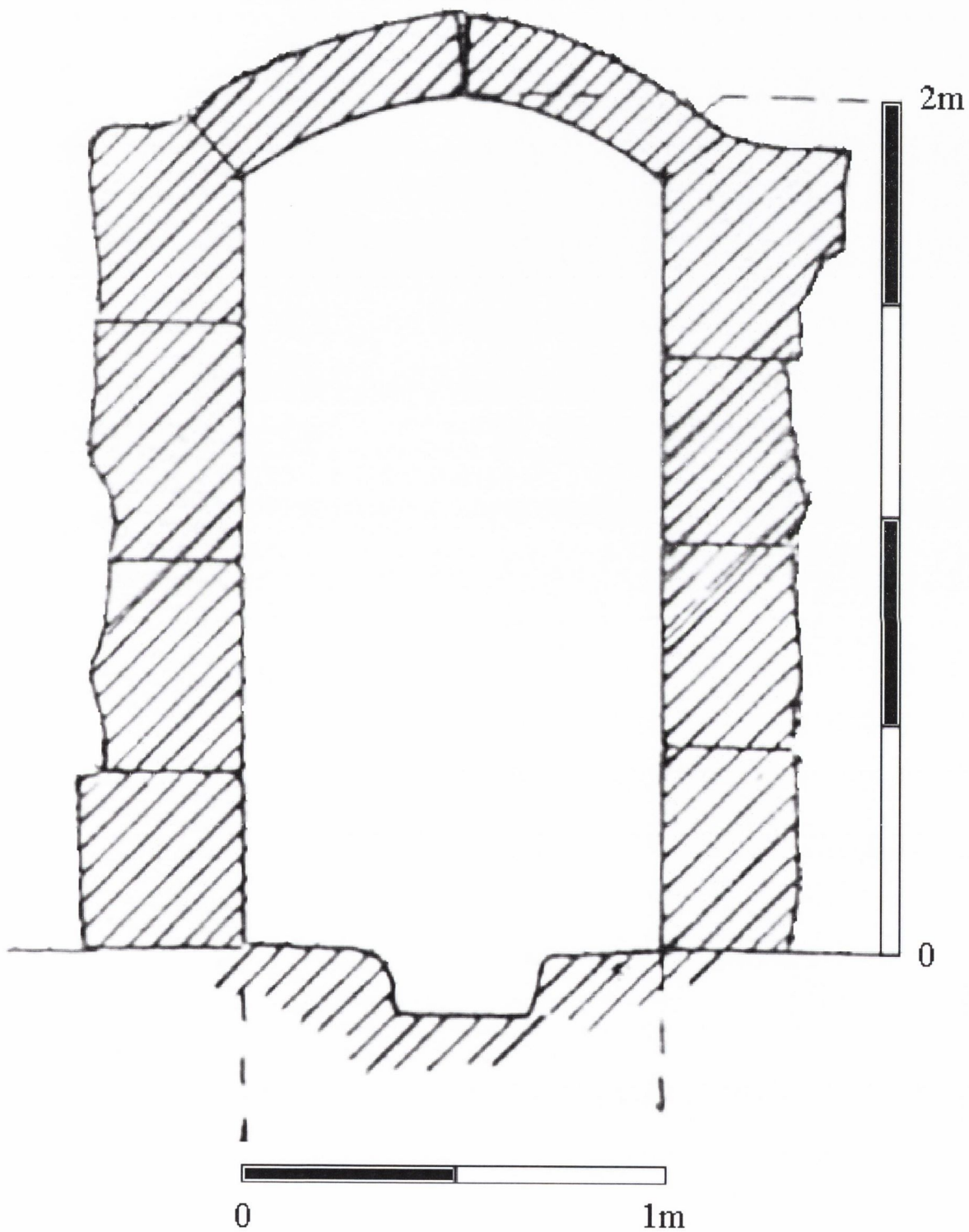
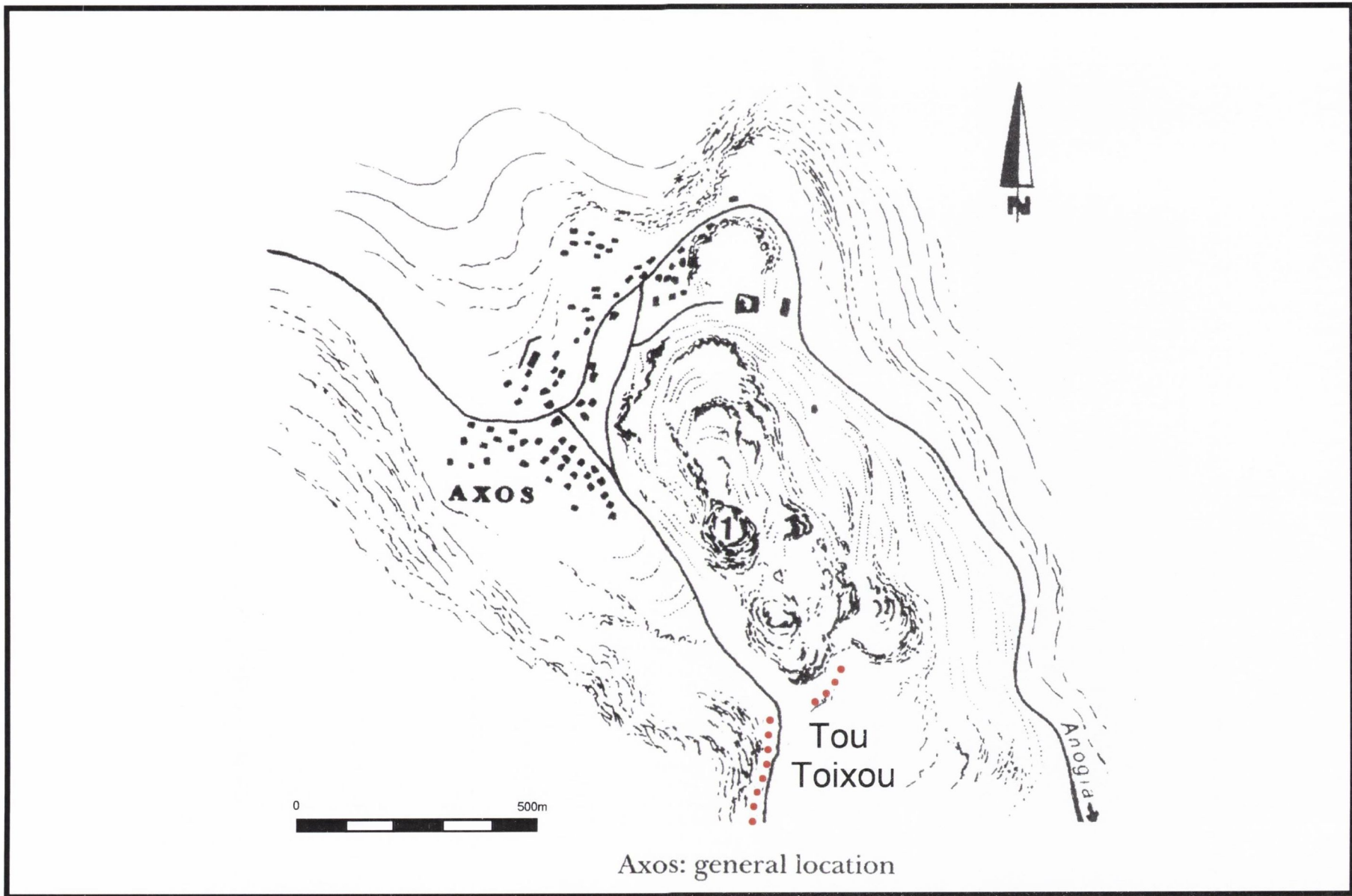


Figure 44 Section of the aqueduct at Eleutherna (after Davaras 1967, 500, fig. 2)



Axos: general location

Figure 45 Sketch plan of Axos (after Nowicki 2000, 193)

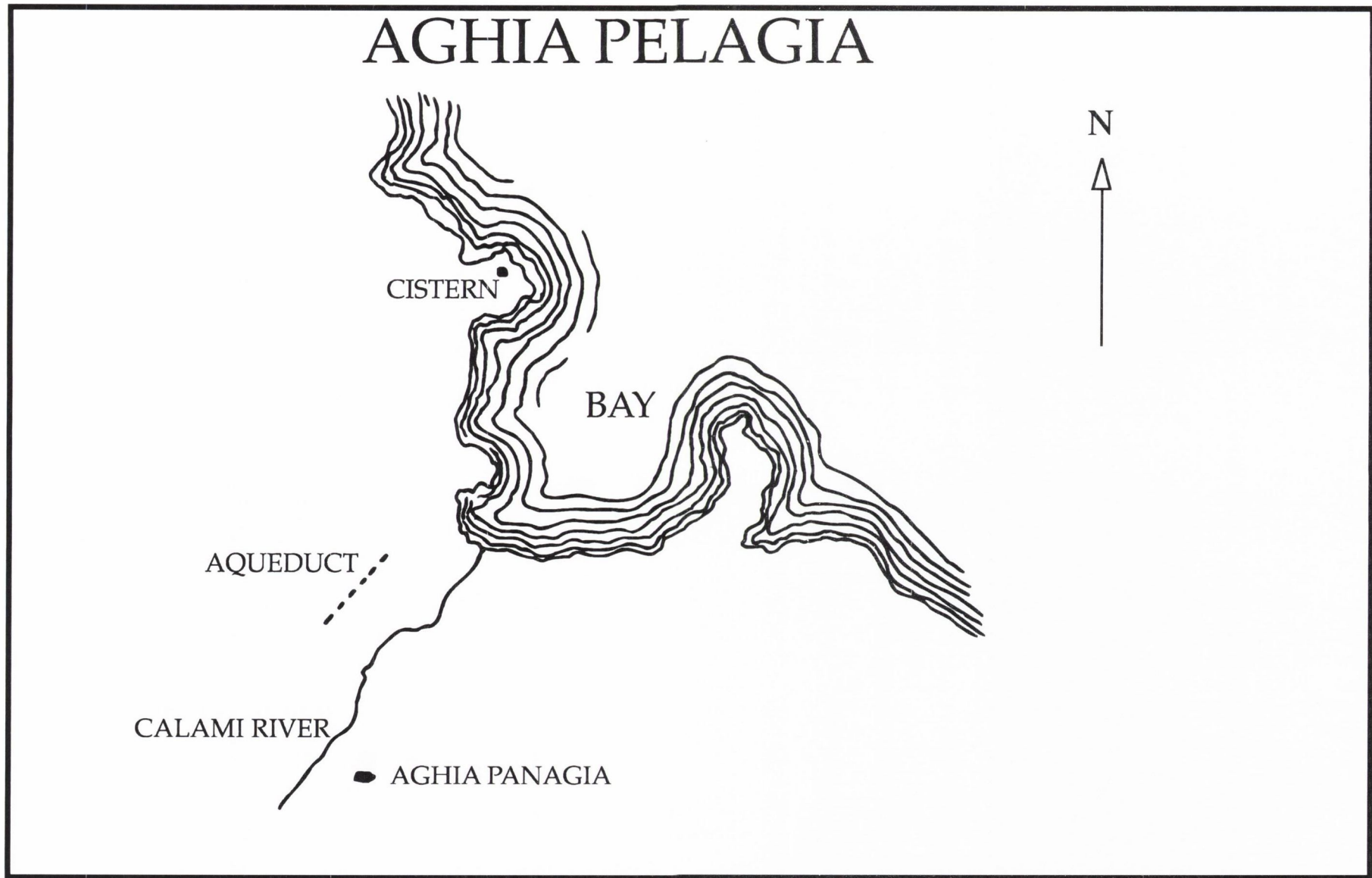
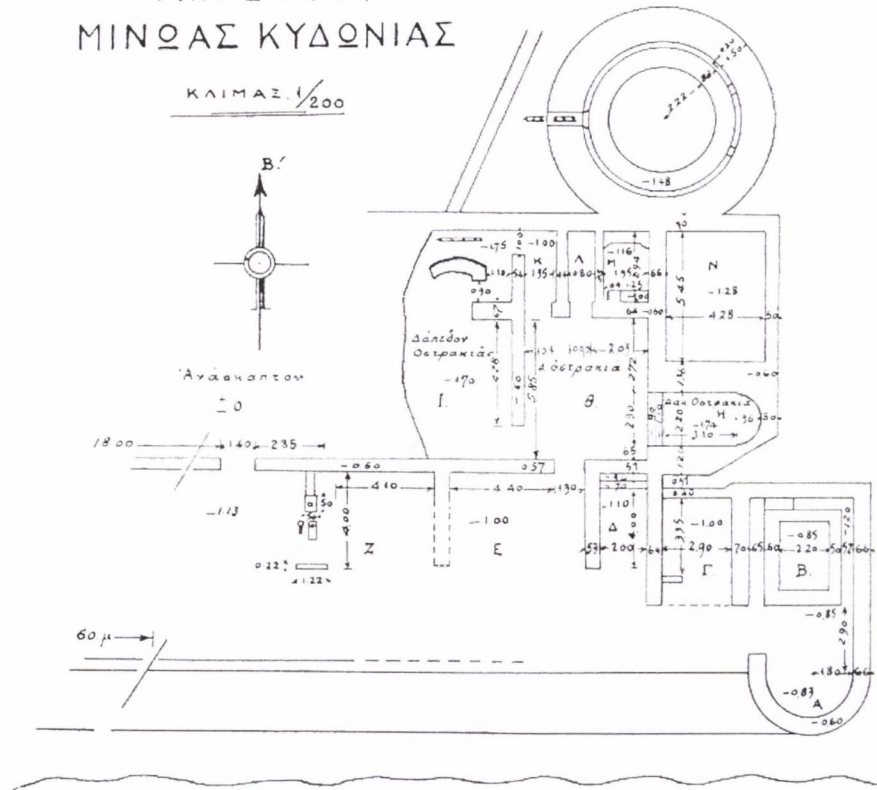


Figure 46 Sketch plan of Aghia Pelagia (after Taramelli 1899, 320, fig. 10)

ΑΝΑΣΚΑΦΑΙ
ΜΙΝΩΑΣ ΚΥΔΟΝΙΑΣ



MINOIA

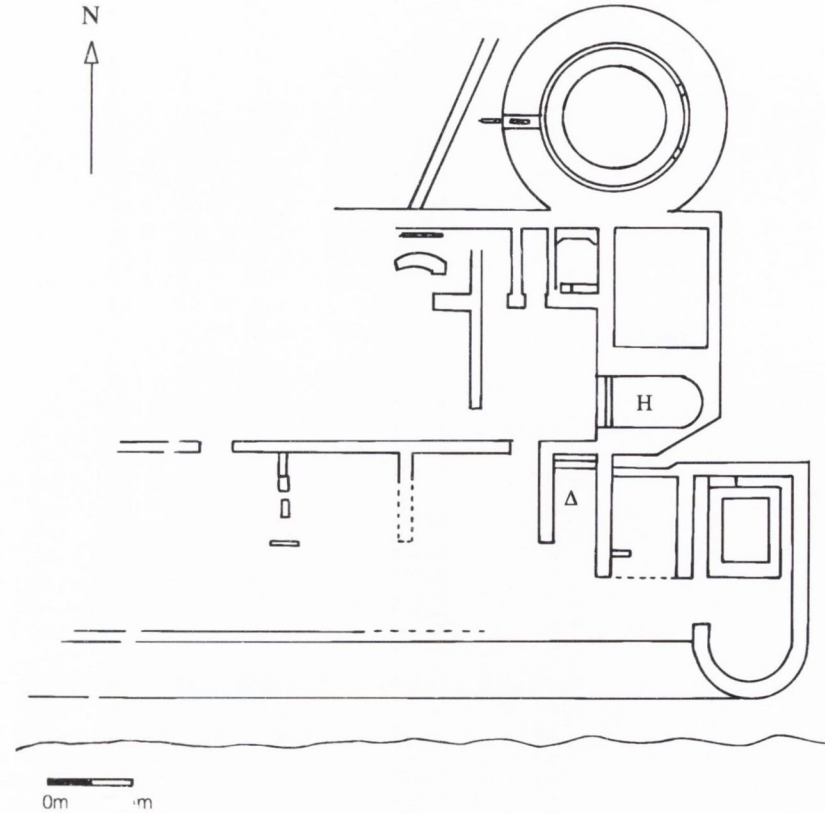


Figure 47 Plan of bath-suite at Minoia
(after Theofanidis 1950-1, 5, fig. 7)

Figure 48 Plan of bath-suite at Minoia (after Sanders 1982, fig. 61, 169)

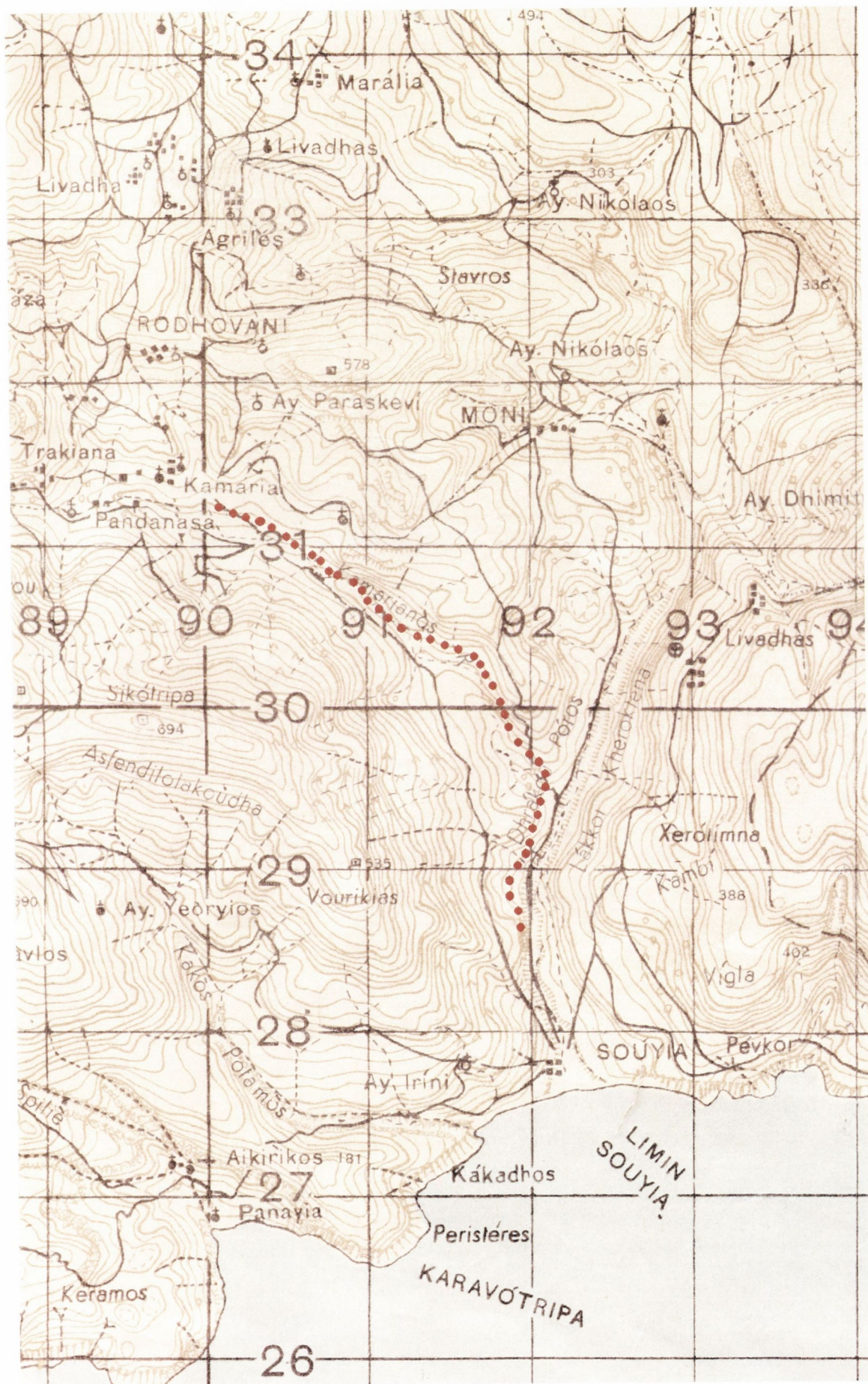


Figure 49 Map of Souia and Elyros (after the 1: 150000 maps of Crete; Sheet 14 Temenia)

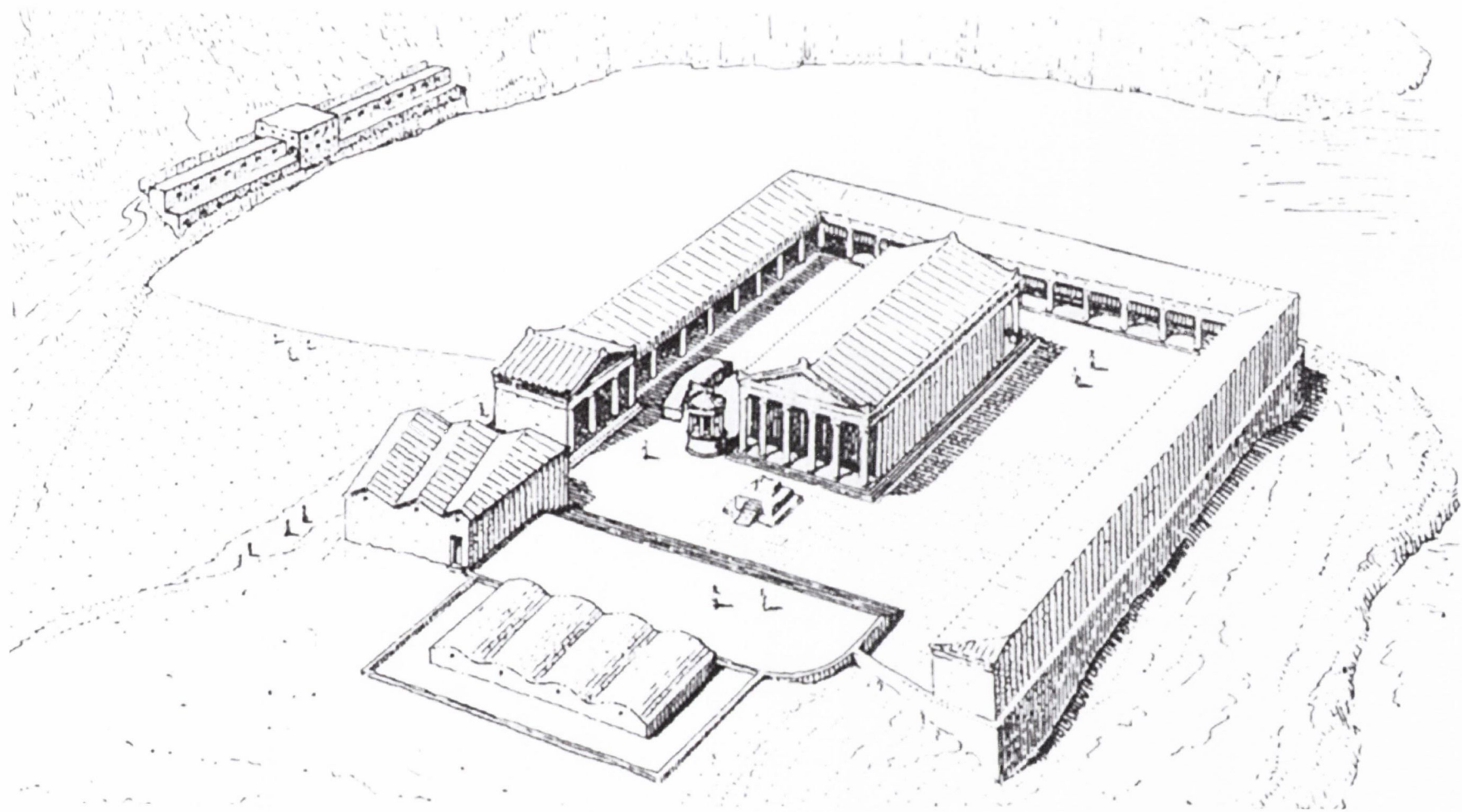


Figure 50 Diktynnaion: Reconstruction of the Temple (after Welter & Jantzen 1951, pl. 76)

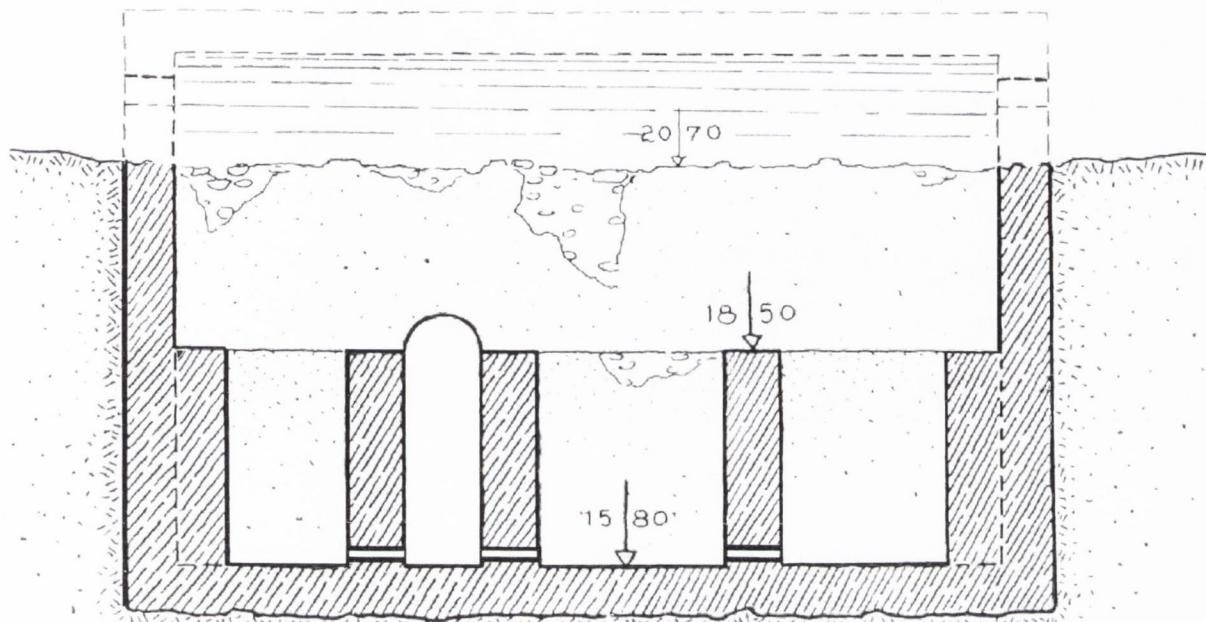


Figure 51a

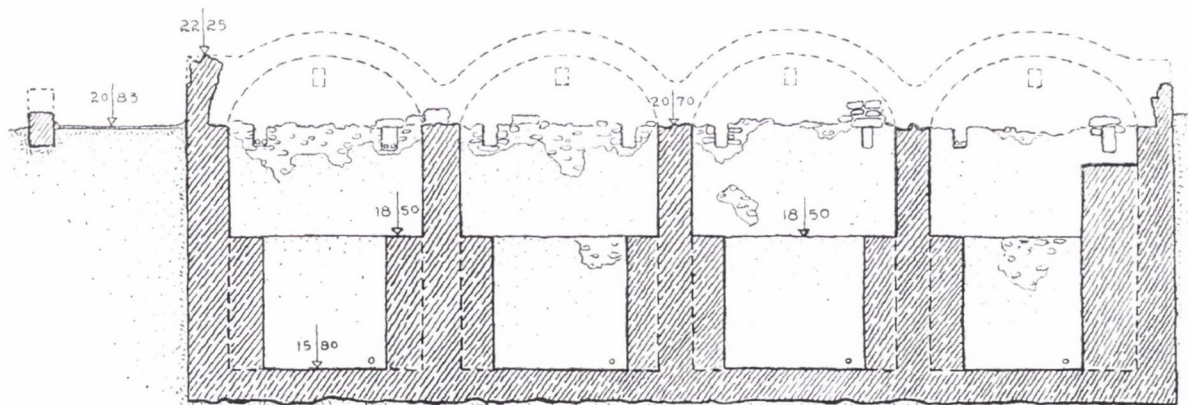


Figure 51b Diktynnaion cisterns (after Welter & Jantzen 1951, pl. 80)

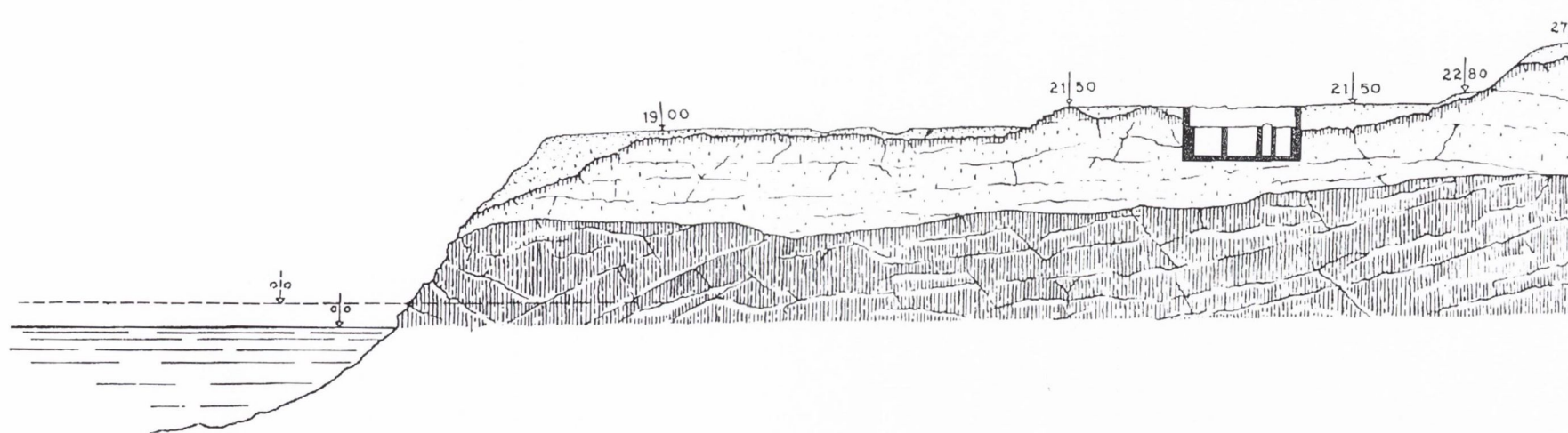


Figure 52 Diktynnaion: section of the headland and cisterns (after Welter & Jantzen 1951, pl. 77)

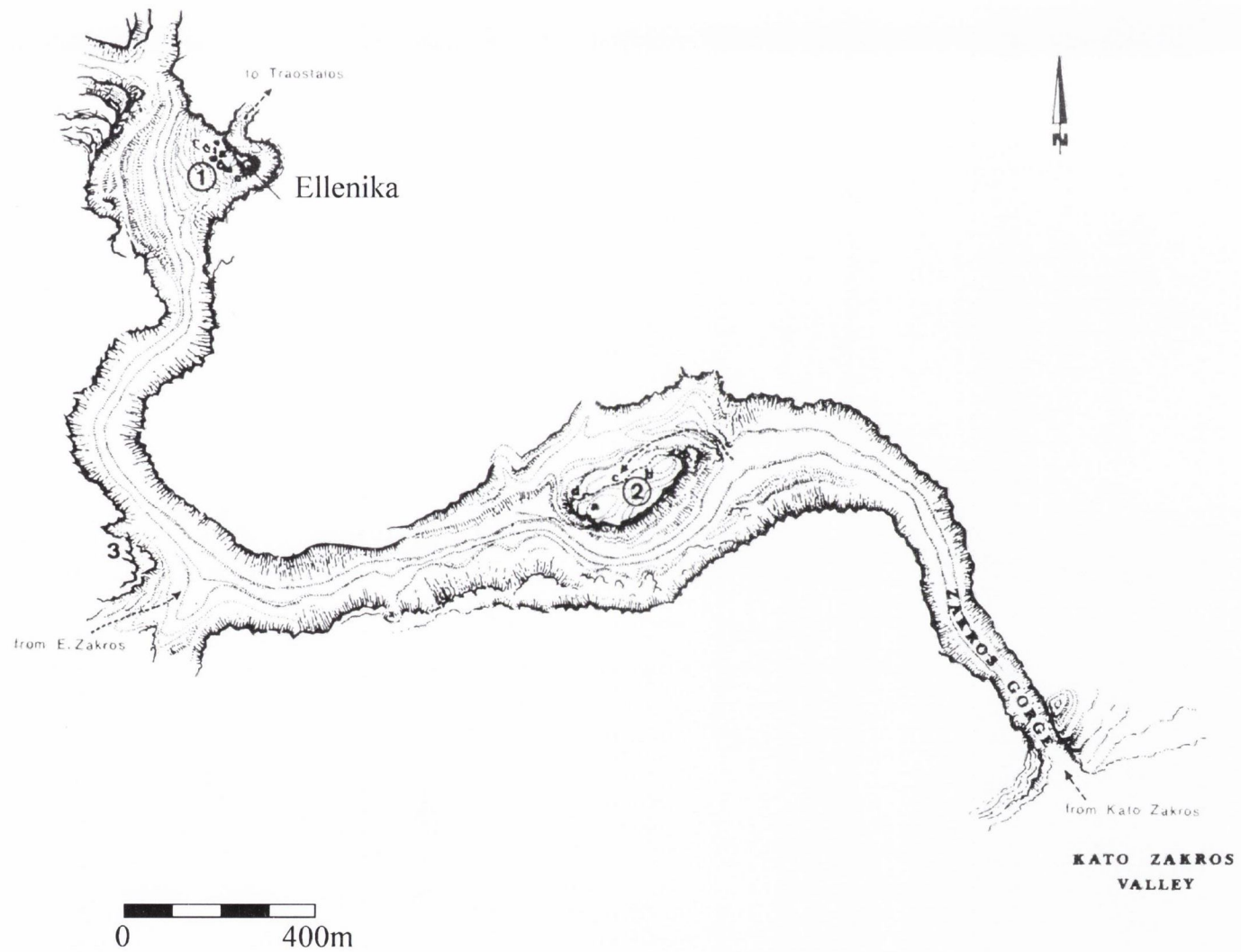


Figure 53 General view of Zakros Gorge (after Nowicki 2000, 54, 47, fig. 8.1)

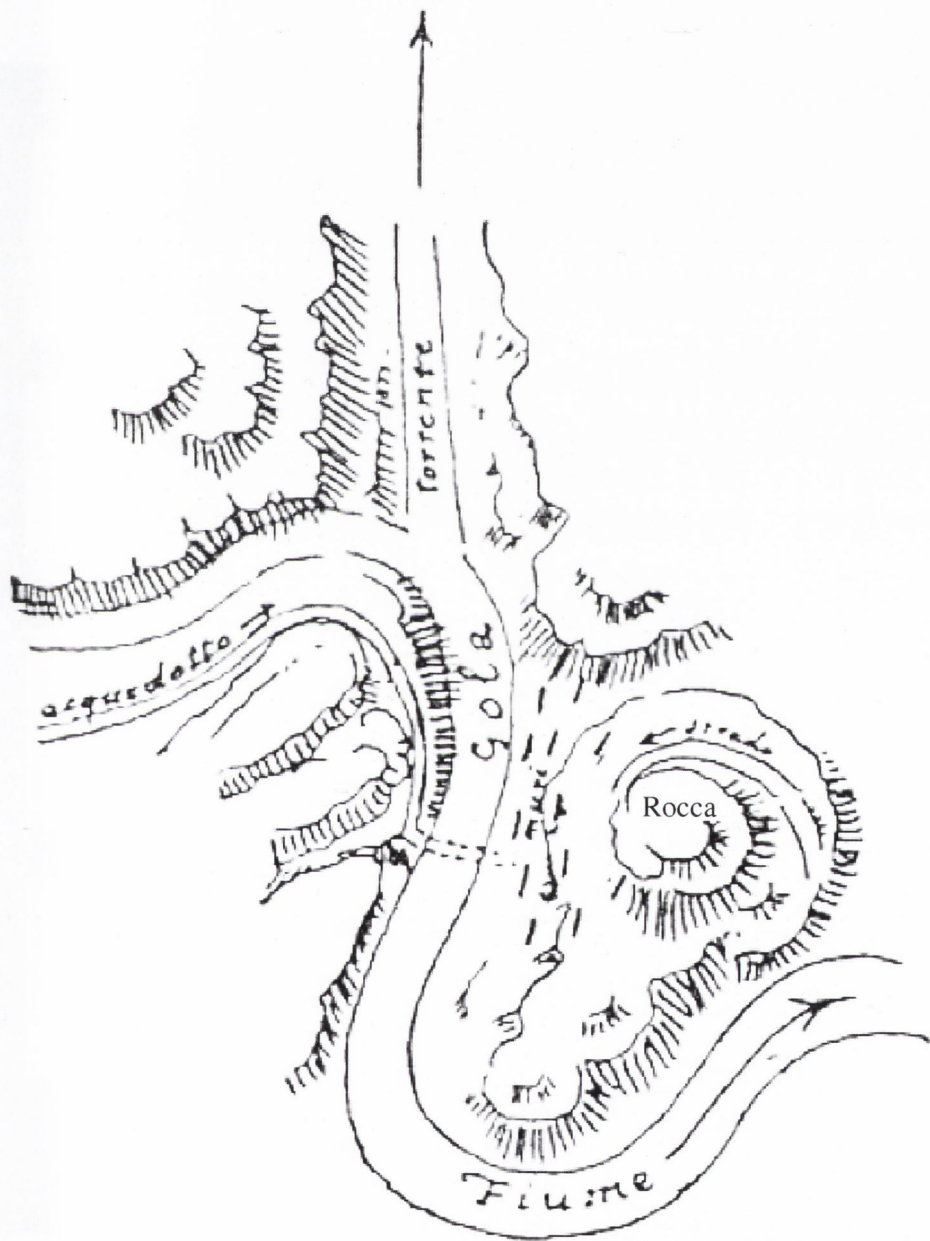


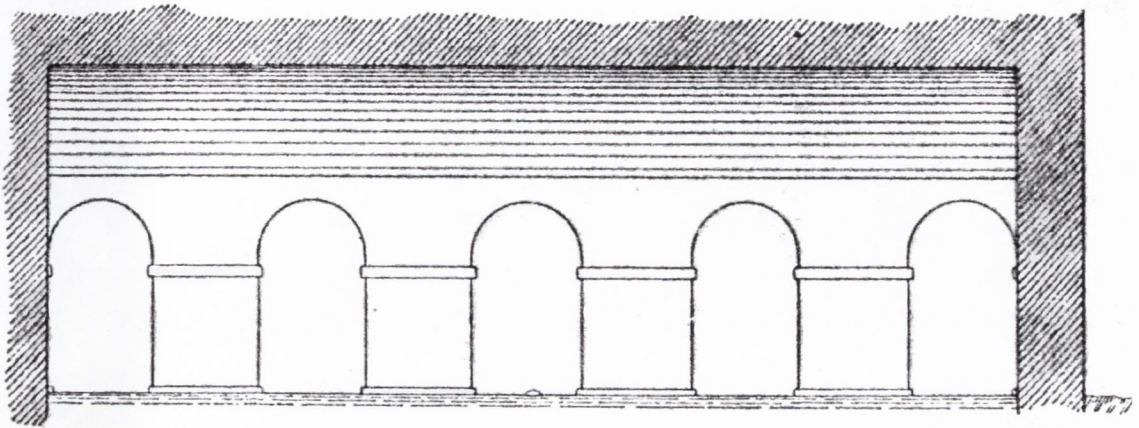
Figure 54 | General view of Ellenika in the Zakro Gorge (after Mariani 1895, 293-4, fig. 81)



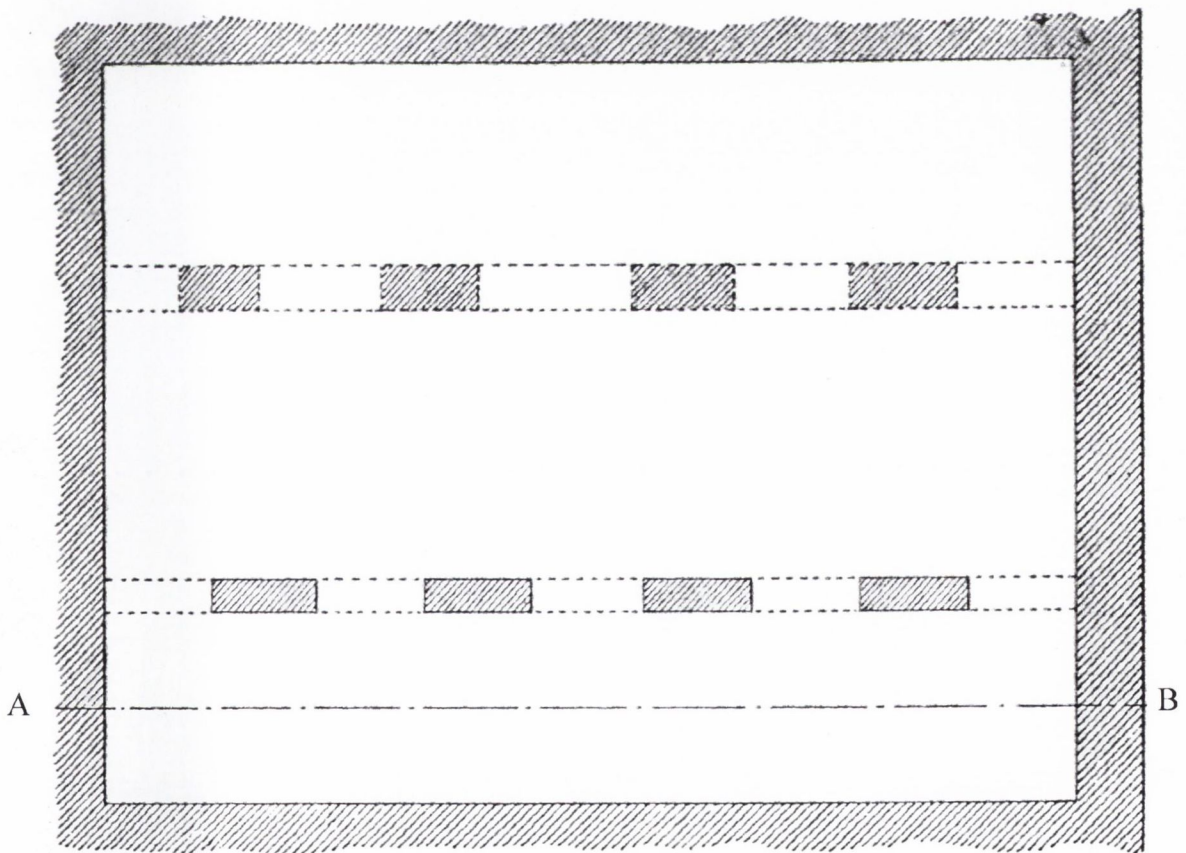
Figure 55 Plan of cisterns at Kastelliana (after Sanders 1982, 151, fig. 55)



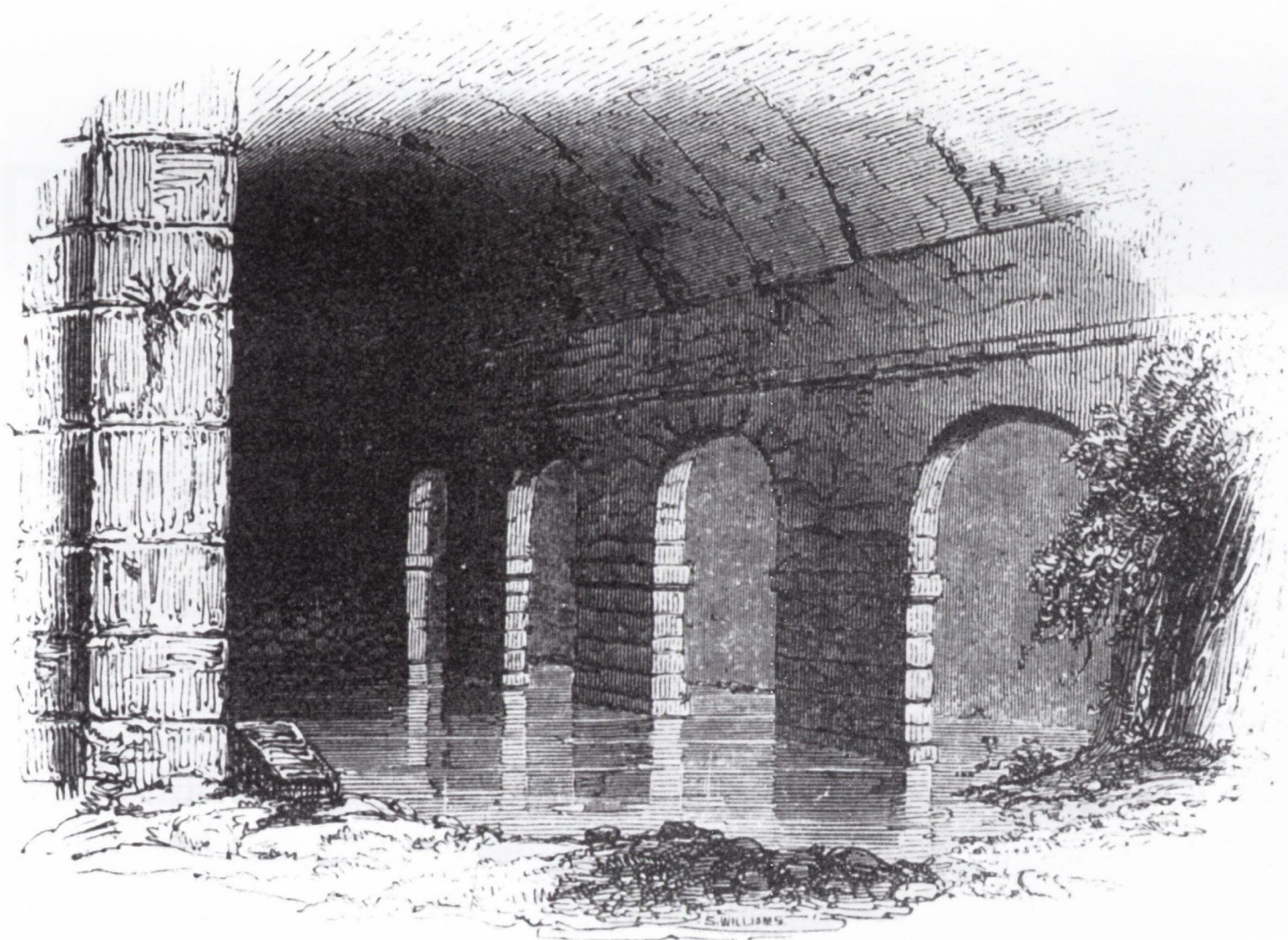
Figure 56 Plan of Aptera (after Drerup 1951, pl. 66)



Section A-B



Apera. Plan and Elevation of the Triple Cistern



CISTERNS OF APTERA.

Figure 58 Sketch of the Triple Cisterns (after Pashley 1837, I, 61)

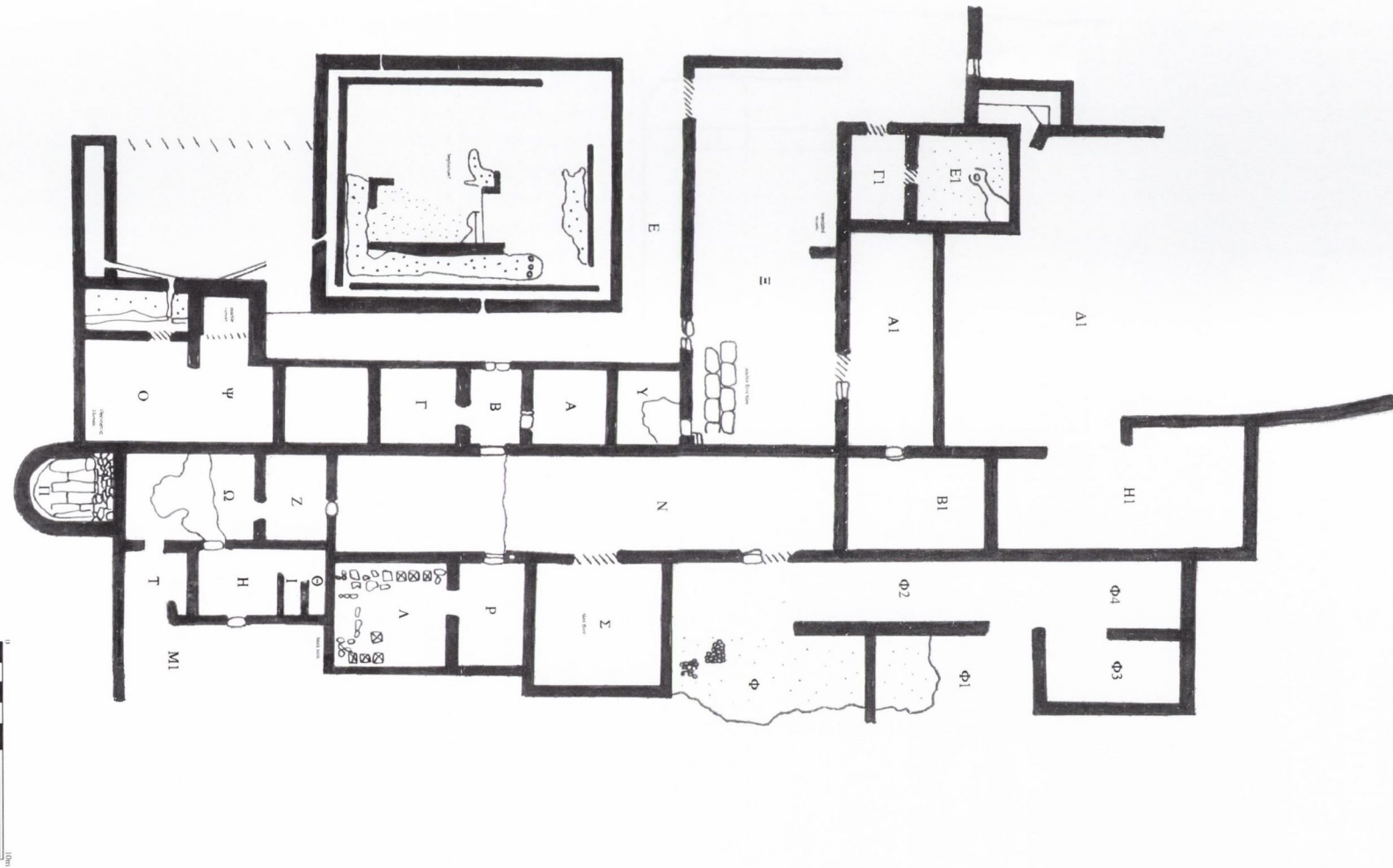


Figure 59 Plan of the villa site at Makriyalos (after Papadakis 1979, 408, fig. 2)

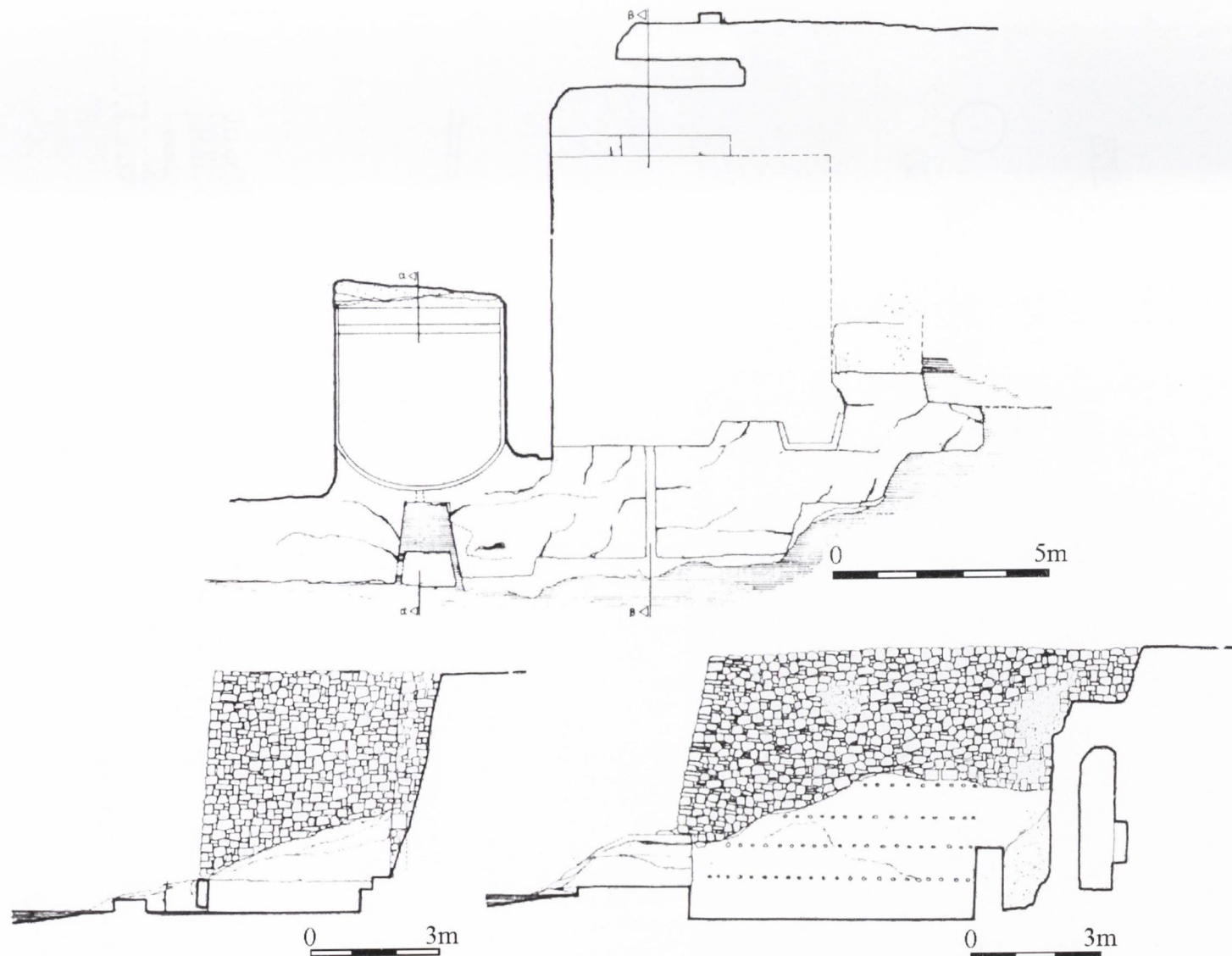
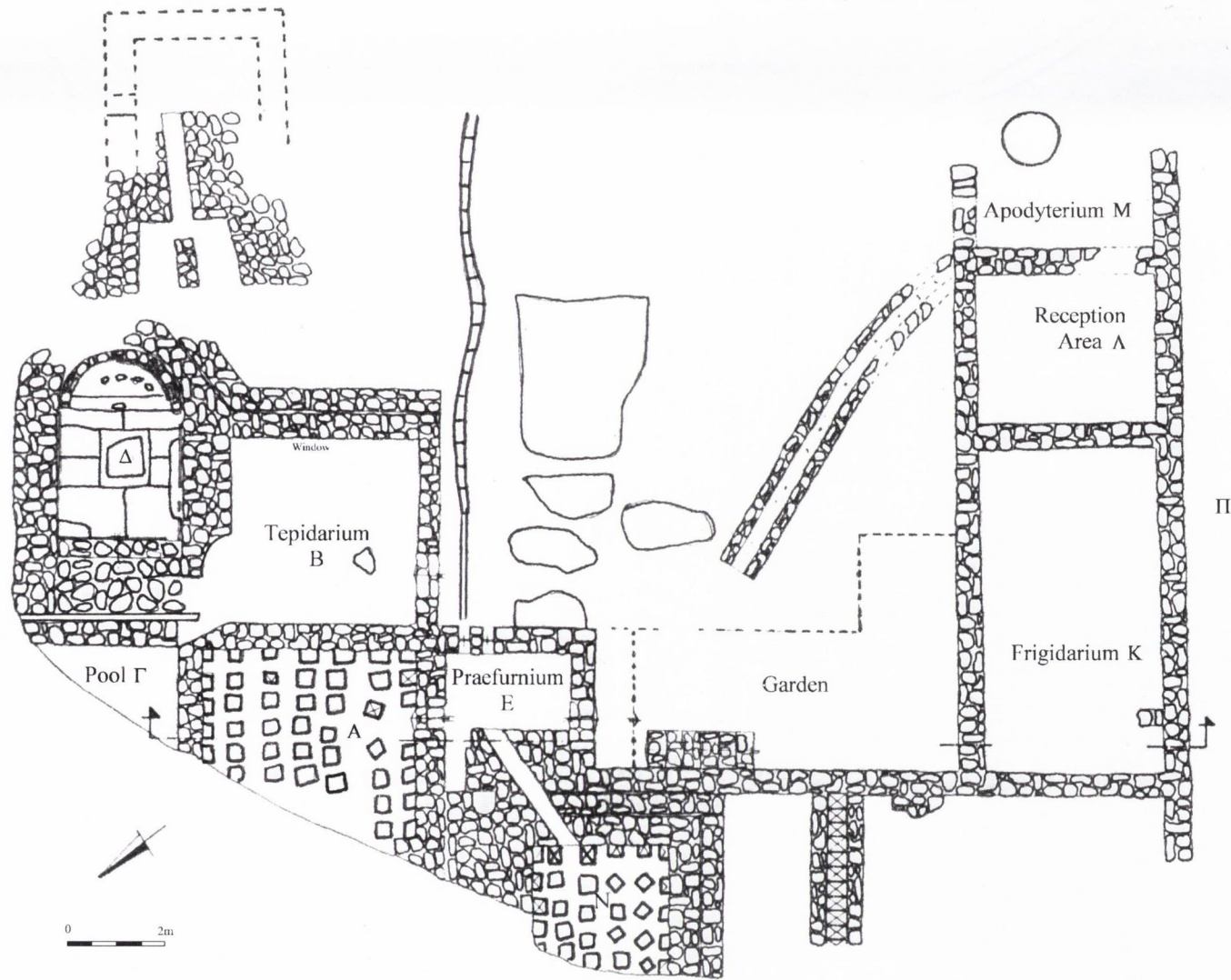


Figure 60 Sitia. Plan and elevation of the rock-cut features belonging to the sea-bathing establishment (after Davaras 1974, 90, fig. 2)



Bathhouse on Kouphonisi

Figure 61 Kouphonisi. Plan of the baths (after Papadakis 1986, 229, fig. 1)

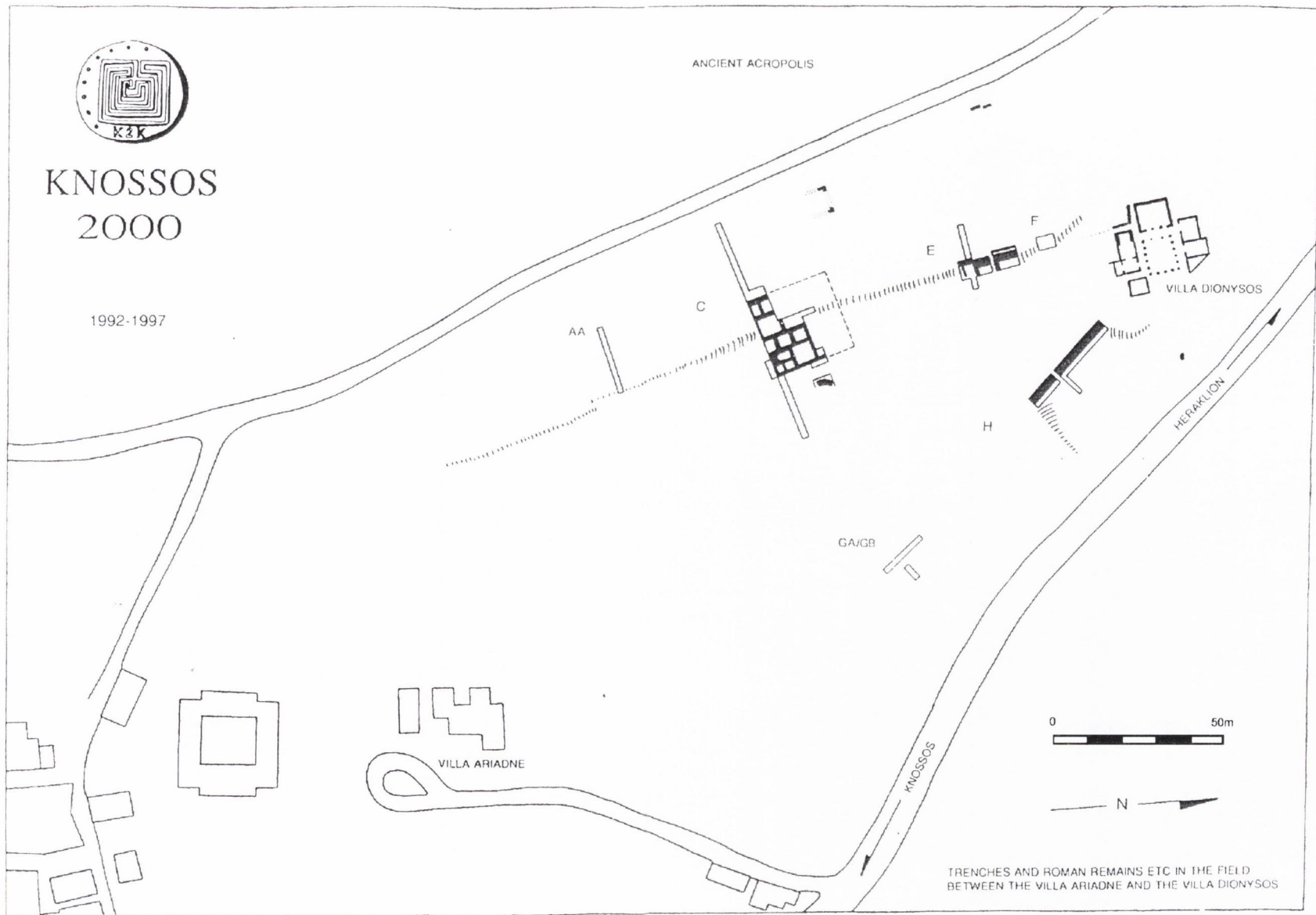
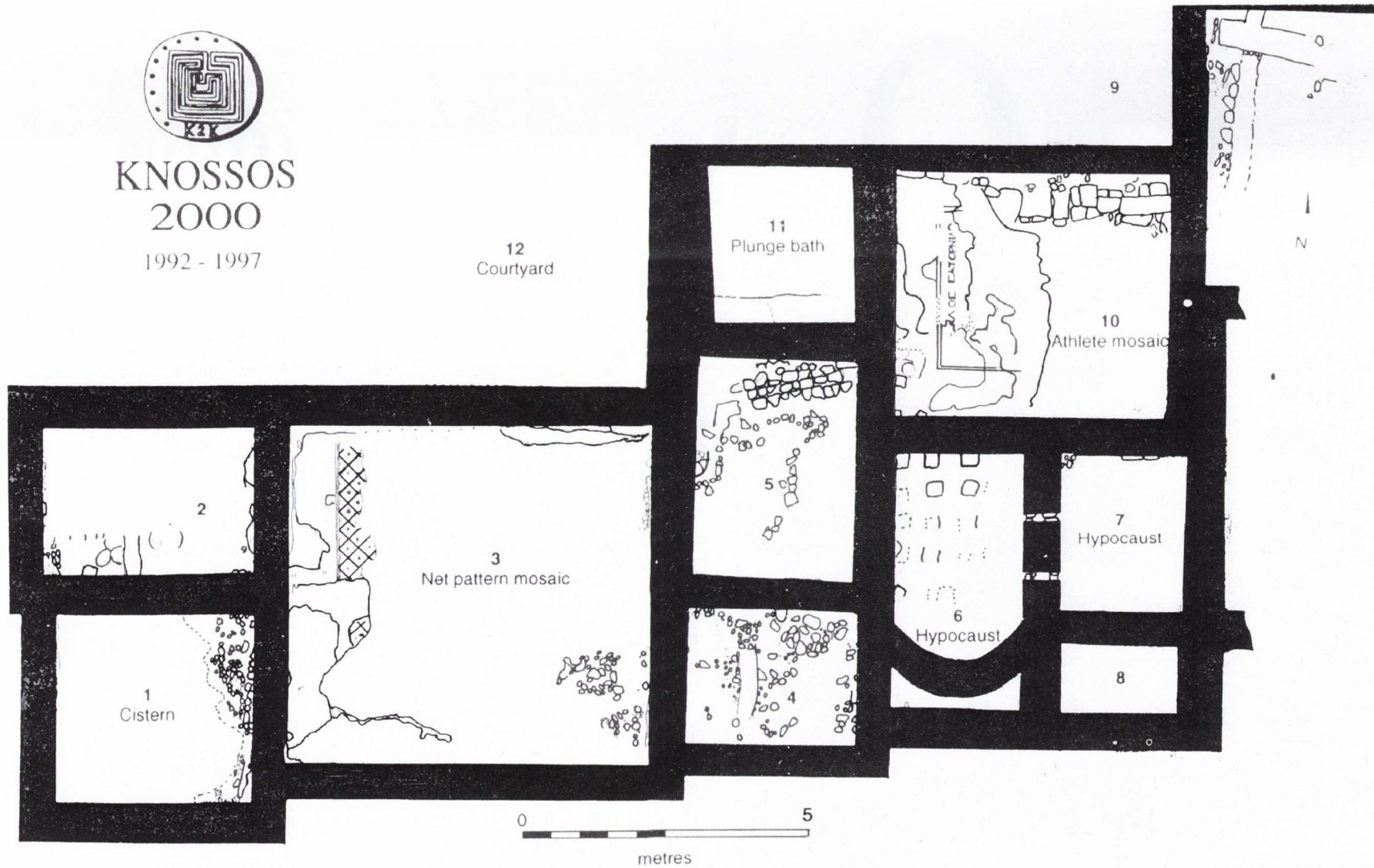


Figure 62 Overview of the Knossos 2000 excavations (after Wardle *unpublished manuscript*)



KNOSSOS
2000

1992 - 1997



Area C: Plan of well-appointed town house with bath suite. The remainder awaits exploration to the north.

Figure 63 Knossos. Plan of private bath-suite in Roman town-house
(after Wardle *unpublished manuscript*)

KATO ASITES

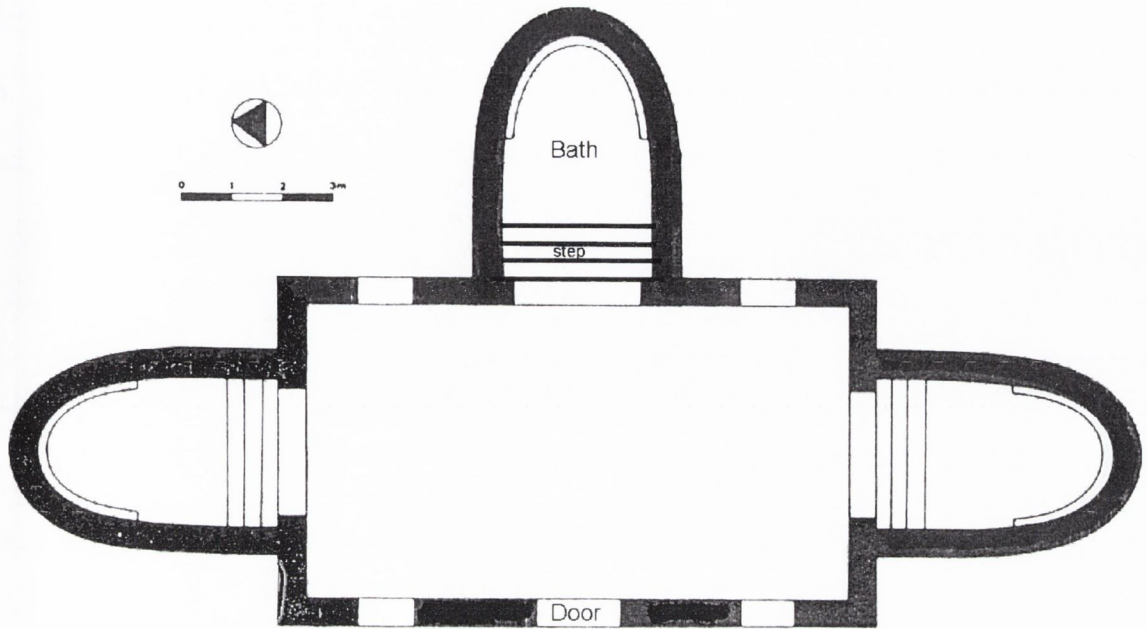


Figure 64 Plan of Aghia Katerina, Kato Asites (after Sanders 1982, 70, fig. 13)

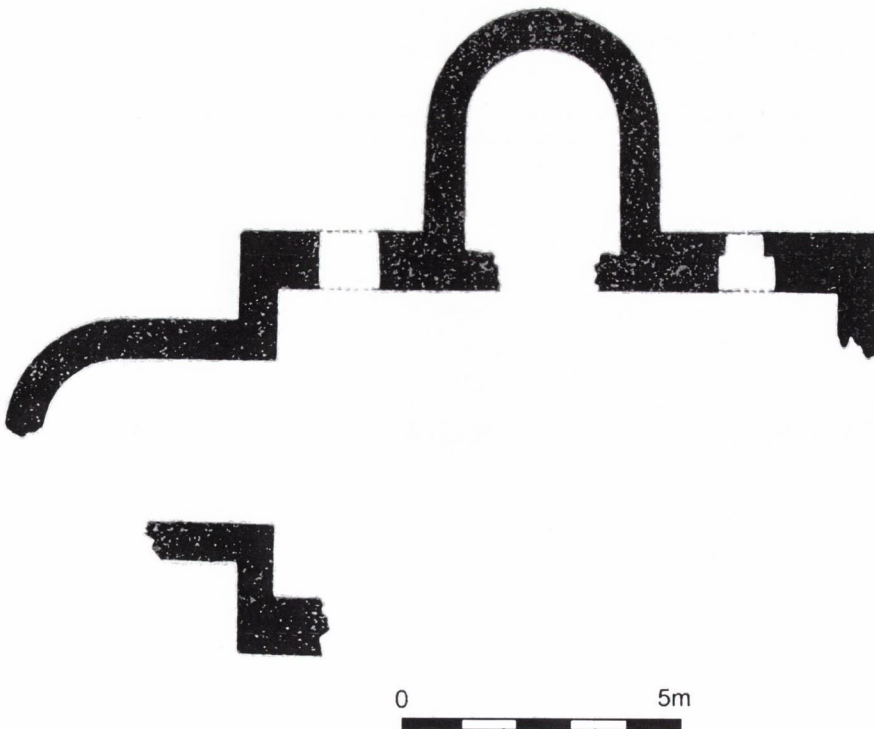
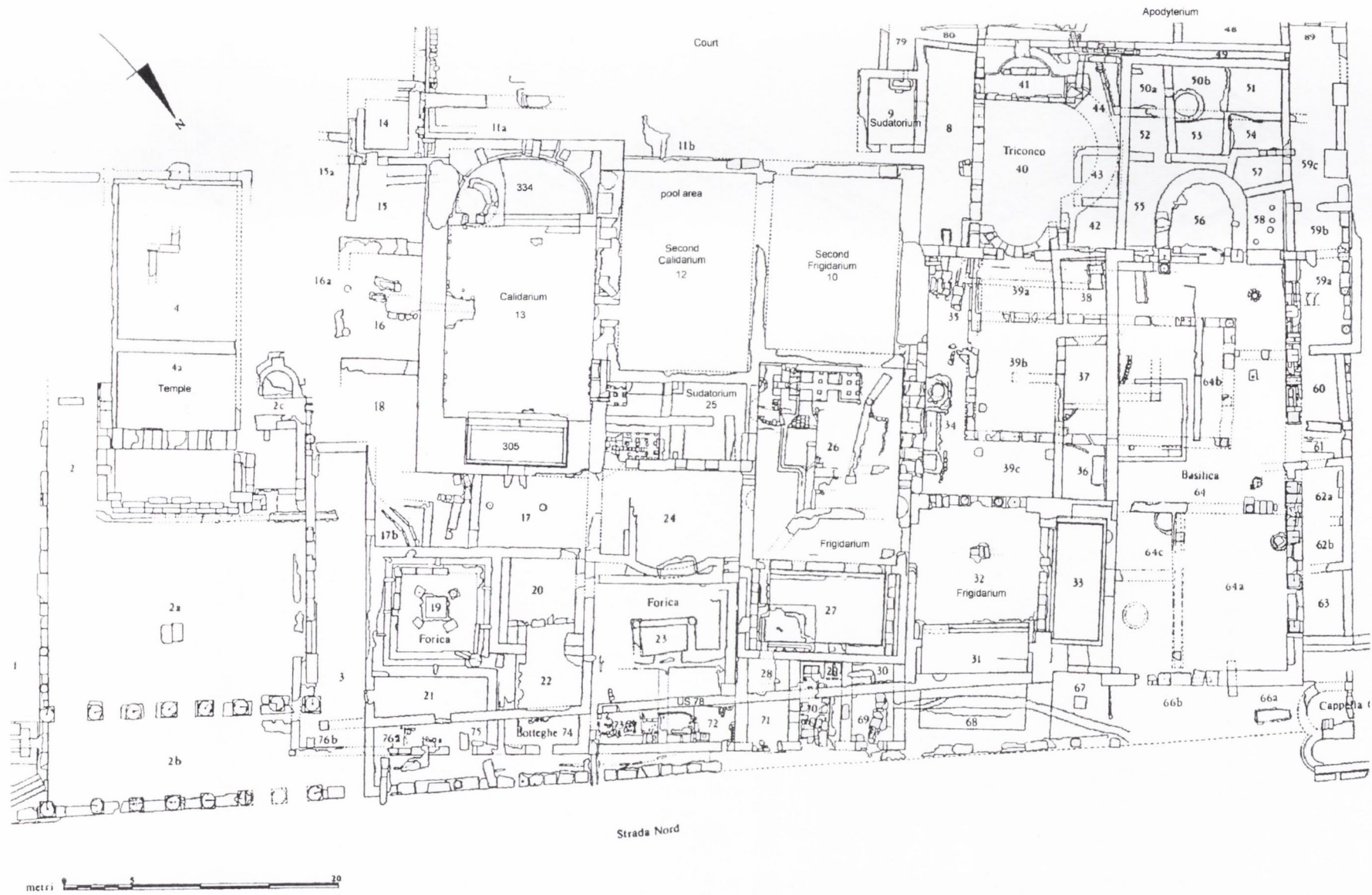


Figure 65 Plan of Aghia Katerina, Kato Asites (after Gerola 1908 II, 245, fig. 296)



GORTYNA PRAETORIUM

Figure 66 Gortyna. Plan of Praetorium (after Di Vita 1994-5, 369, fig. 38)

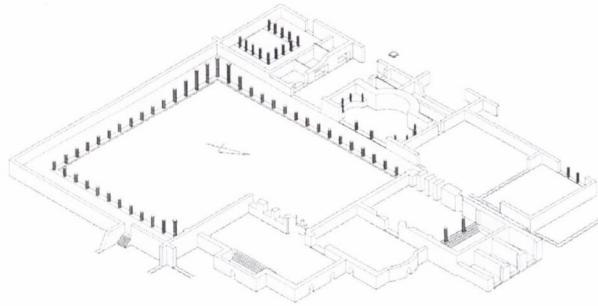


Figure 67a Phase II
(after Rocco 2000, 48, fig. 56)

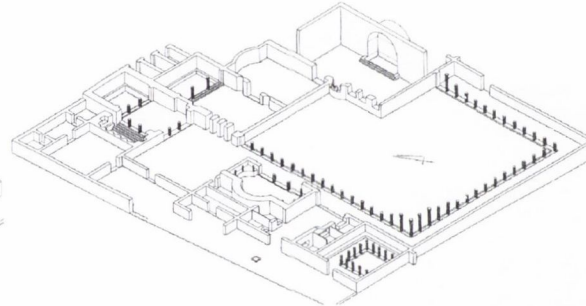


Figure 67b Phase III
(after Rocco 2000, 57, fig. 66)

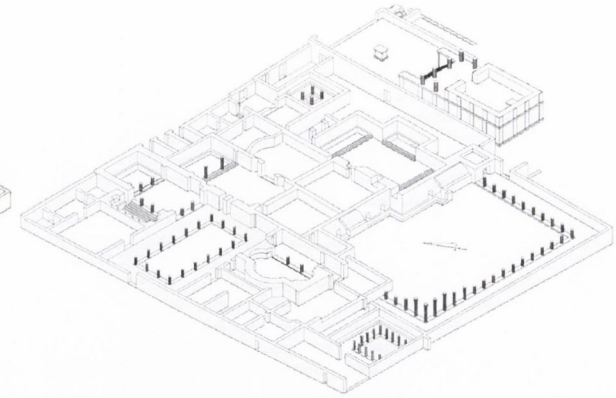


Figure 67c Phase IV
(after Rocco 2000, 82, fig. 93)

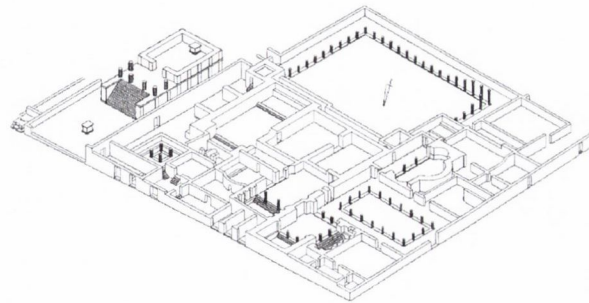


Figure 67d Phase VI - VII
(after Livadiotti 2000, 101, fig. 110)

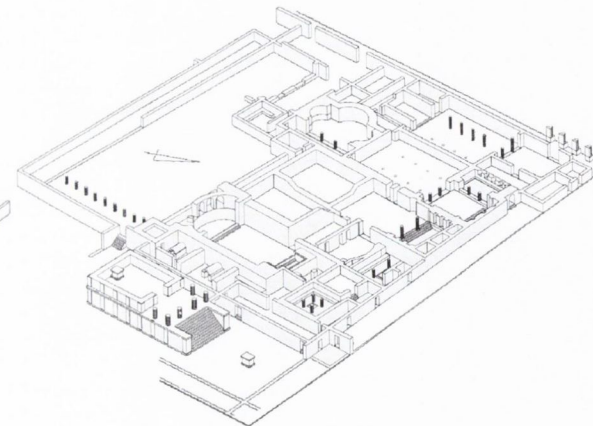
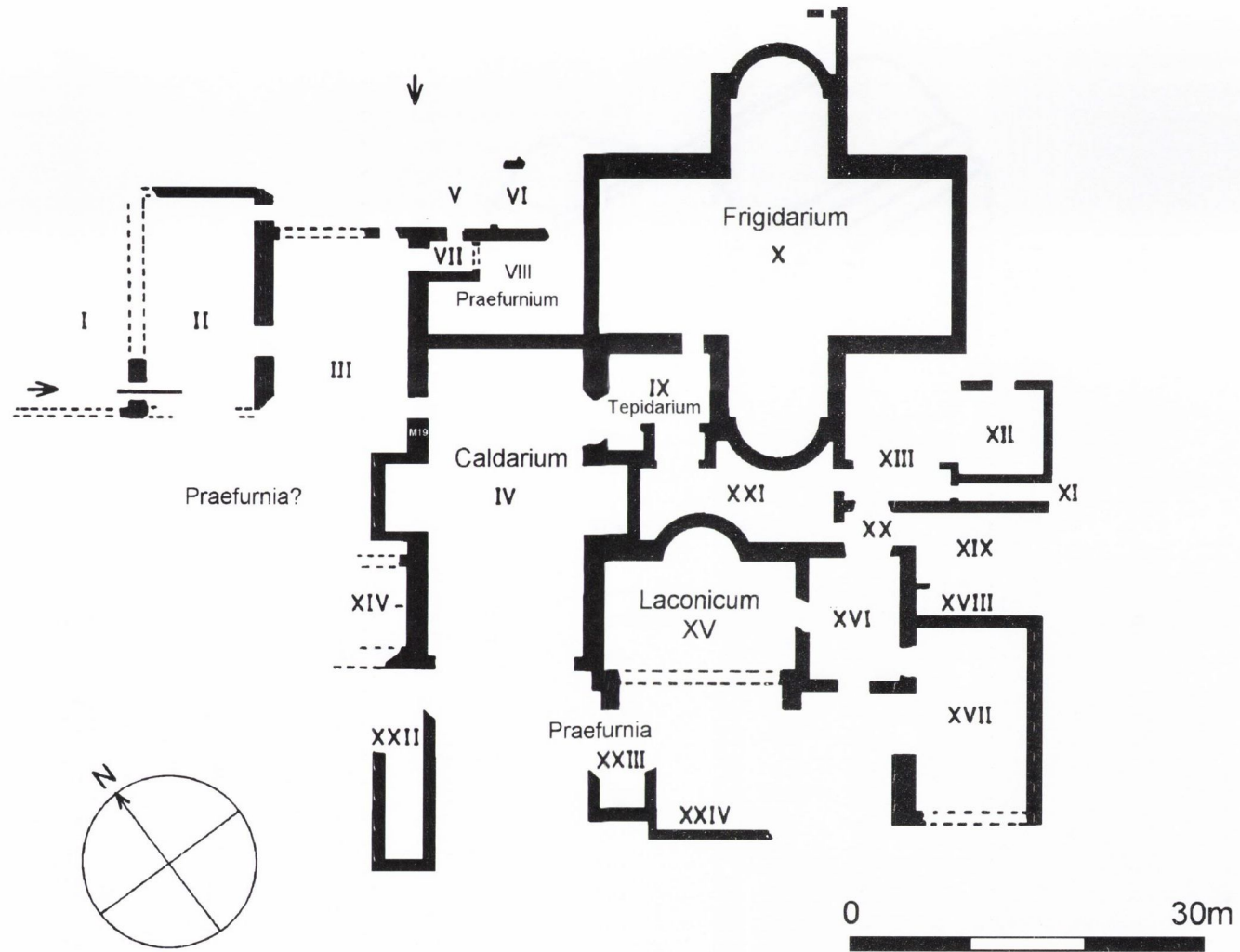


Figure 67e Phase IX
(after Livadiotti 2000, 142, fig. 148)



Plan of Megali Porta

Figure 68 Megali Porta Plan (after Masturzo & Tarditi 1994-5, fig. 29)

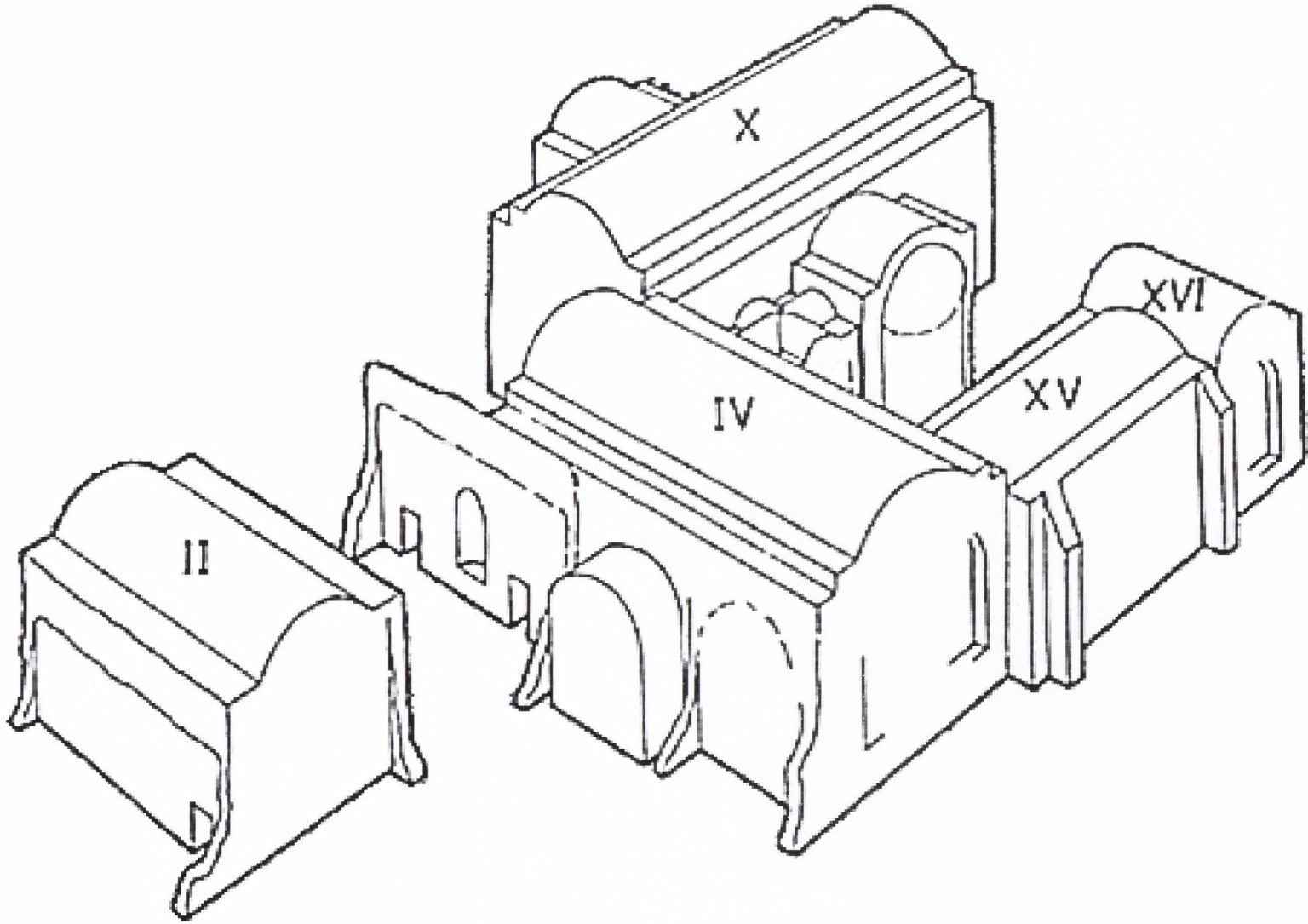
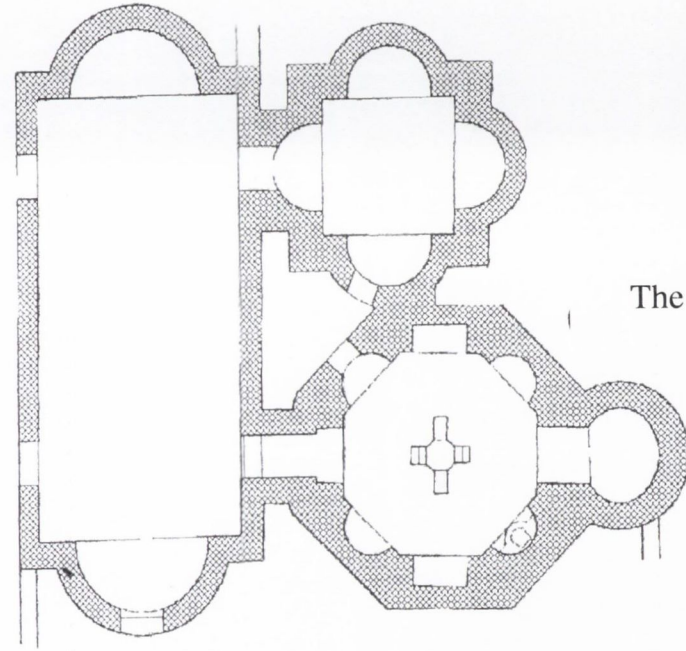
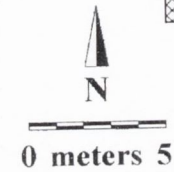
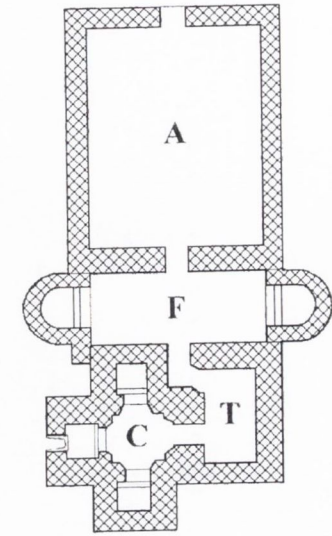


Figure 69 Megali Porta Reconstruction (after Masturzo & Tarditi 1994-5, 263, fig. 25)

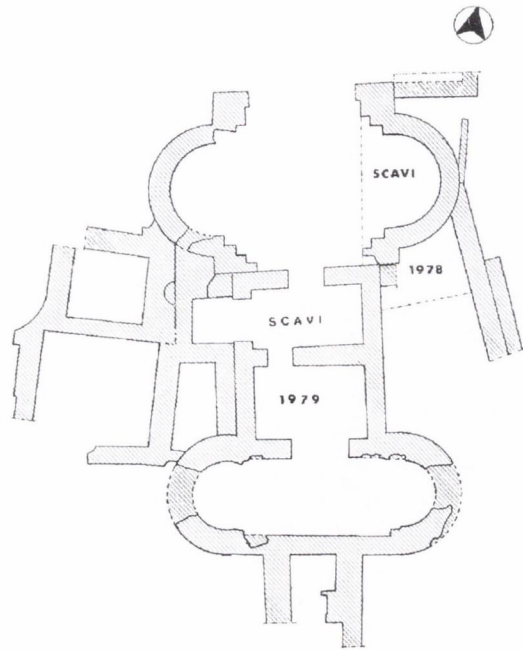
The Lechaion Basilica Baptistry at Corinth



The Panayia Baths at Corinth



Baths at the T-junction at Gortyna



The Zevgolatio Baths

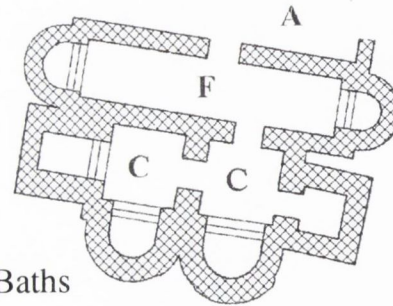


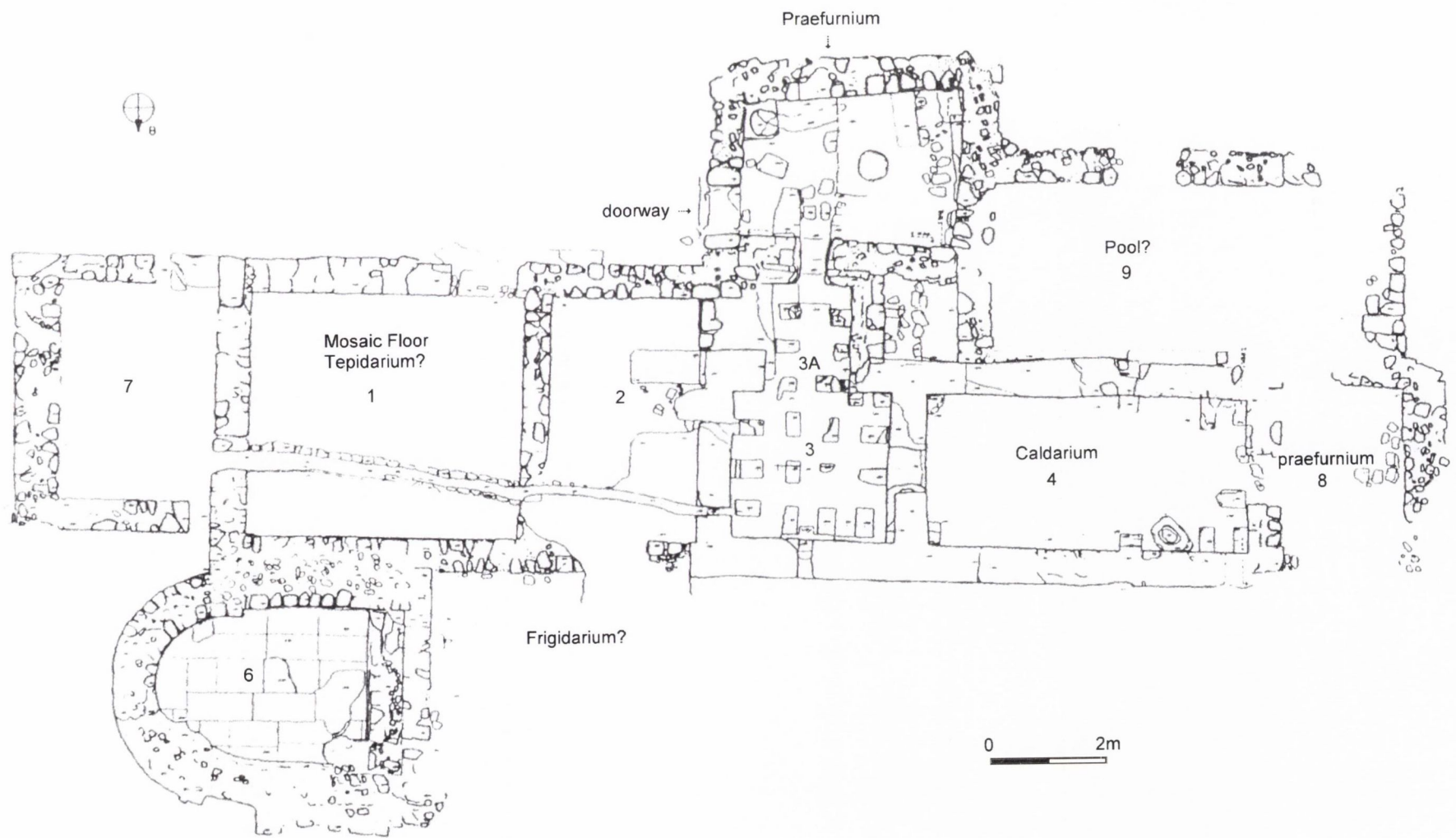
Figure 70 The Baths at the T-Junction at Gortyna (after Di Vita 1979-80, 450, fig. 9), the Lechaion basilica baptistry, the Zevgolatio Baths and the Panayia Baths (after Sanders 1999, 474, fig. 18)



Plan of Sybrita indicating the Excavation Trenches of 1942

9 = Ta Marmara Area

Figure 71 Map of Sybritos (after Kirsten 1951, pl. 106.2)



Plan of the Baths at Chamalevri Stavromenos

Figure 72 The Baths at Stavromenos Chamalevri (after Andreadaki-Vlazaki 1991b, 431, fig. 14)

PLAN OF ELEUTHERNA



Figure 73 Eleutherna. Plan of the Baths and Basilica (after Themelis 2000, inside front cover)

ELEUTHERNA
MEGALO LOUTRO

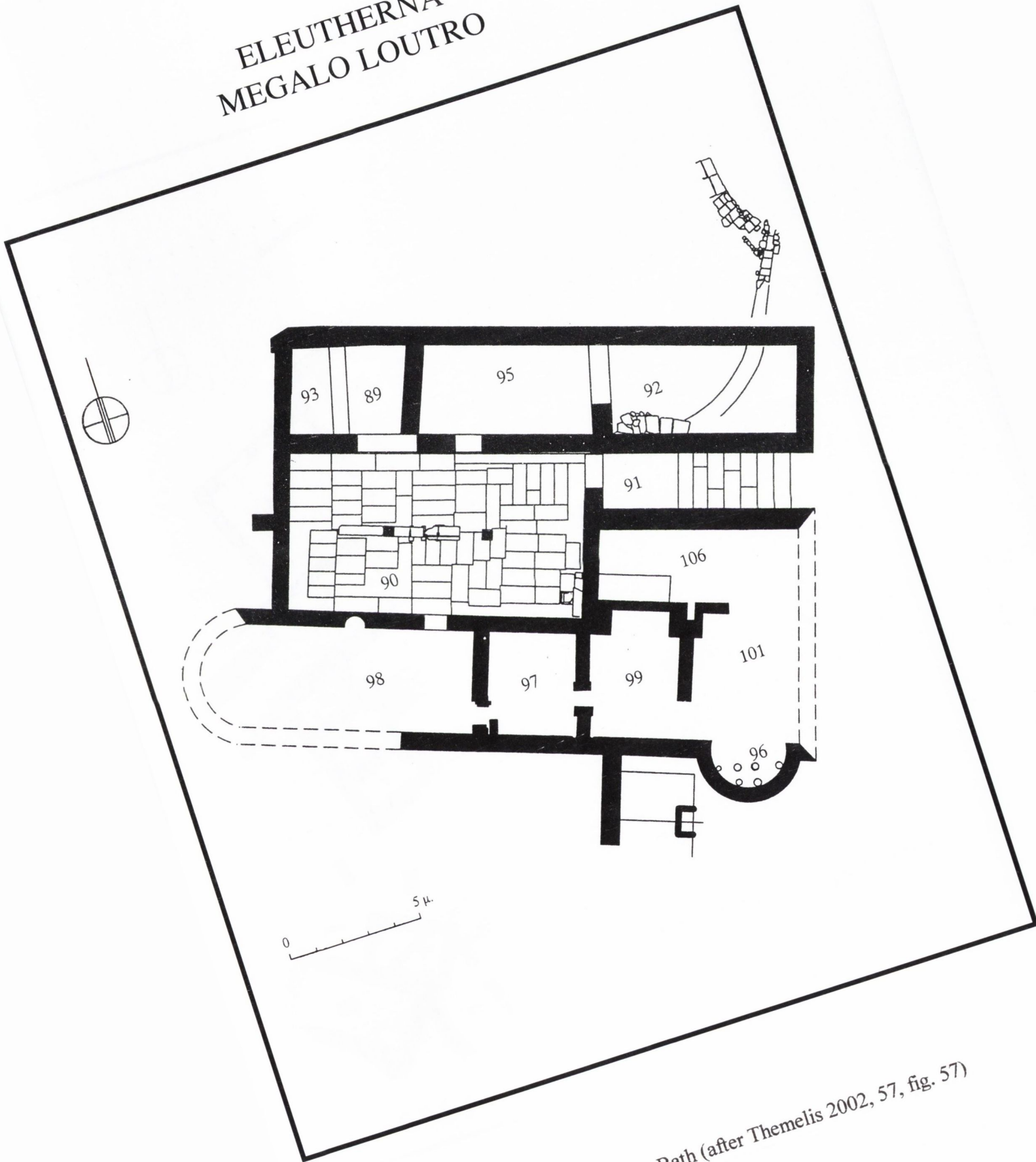


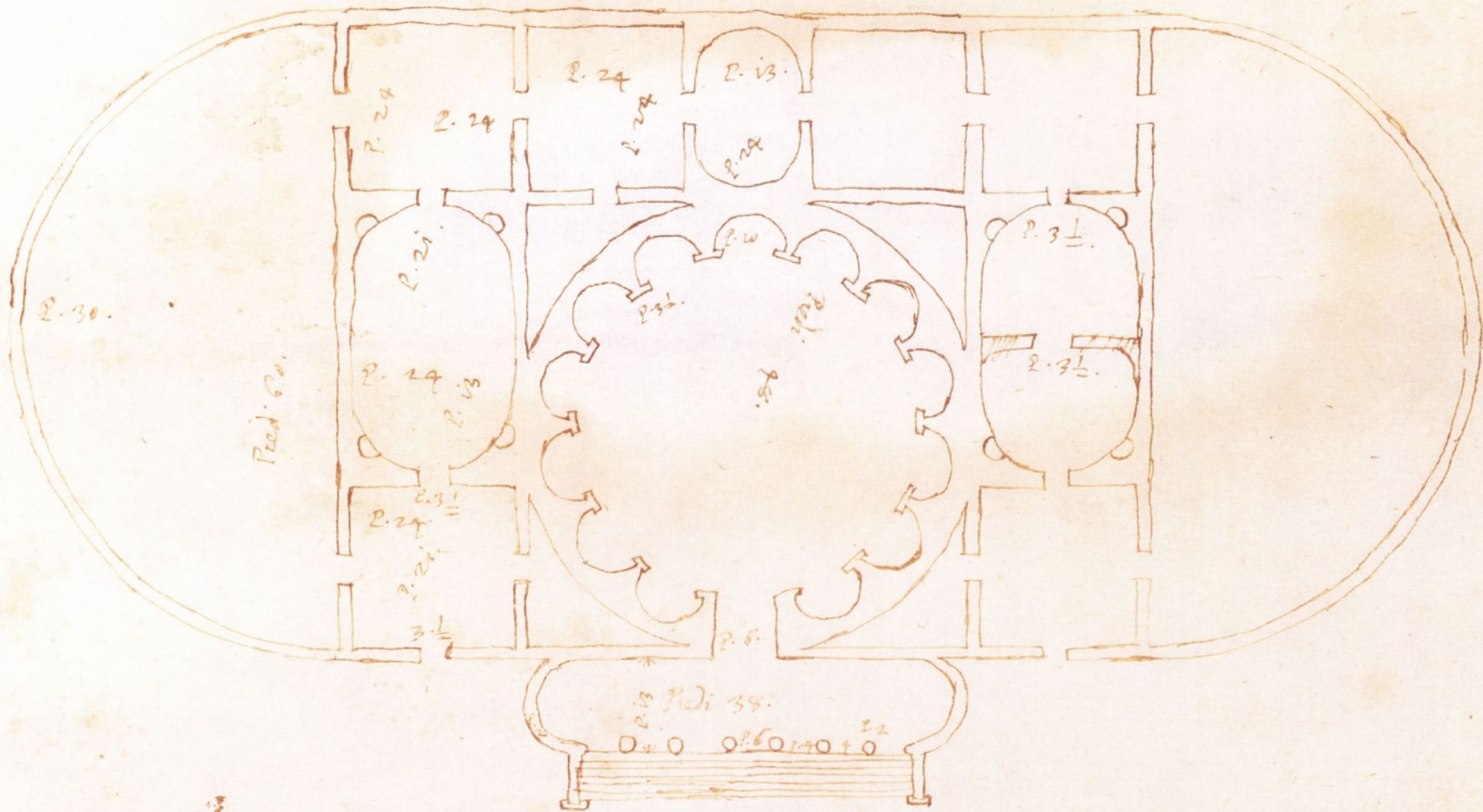
Figure 74 Eleutherna. Plan of the Big Bath (after Themelis 2002, 57, fig. 57)

ELEUTHERNA
MIKRO BALANEIO



Figure 75 Eleutherna. Plan of the Small Bath (after Themelis 2002, 110, fig. 138)

TEMPIO. DELLA. CITTA. DI. LAMPEO. IN. CANDIA.



10 20 30 40 50 60 70 80 90 100

Figure 76 Lappa. Belli's plan of a possible bath structure (after Beschi 1999, man. 60)



RUINS AT POLIS.

Figure 77 Pashley's etching of structure on the outskirts of the village of Lappa
(after Pashley 1837, I, 81)

PREVALI AREA

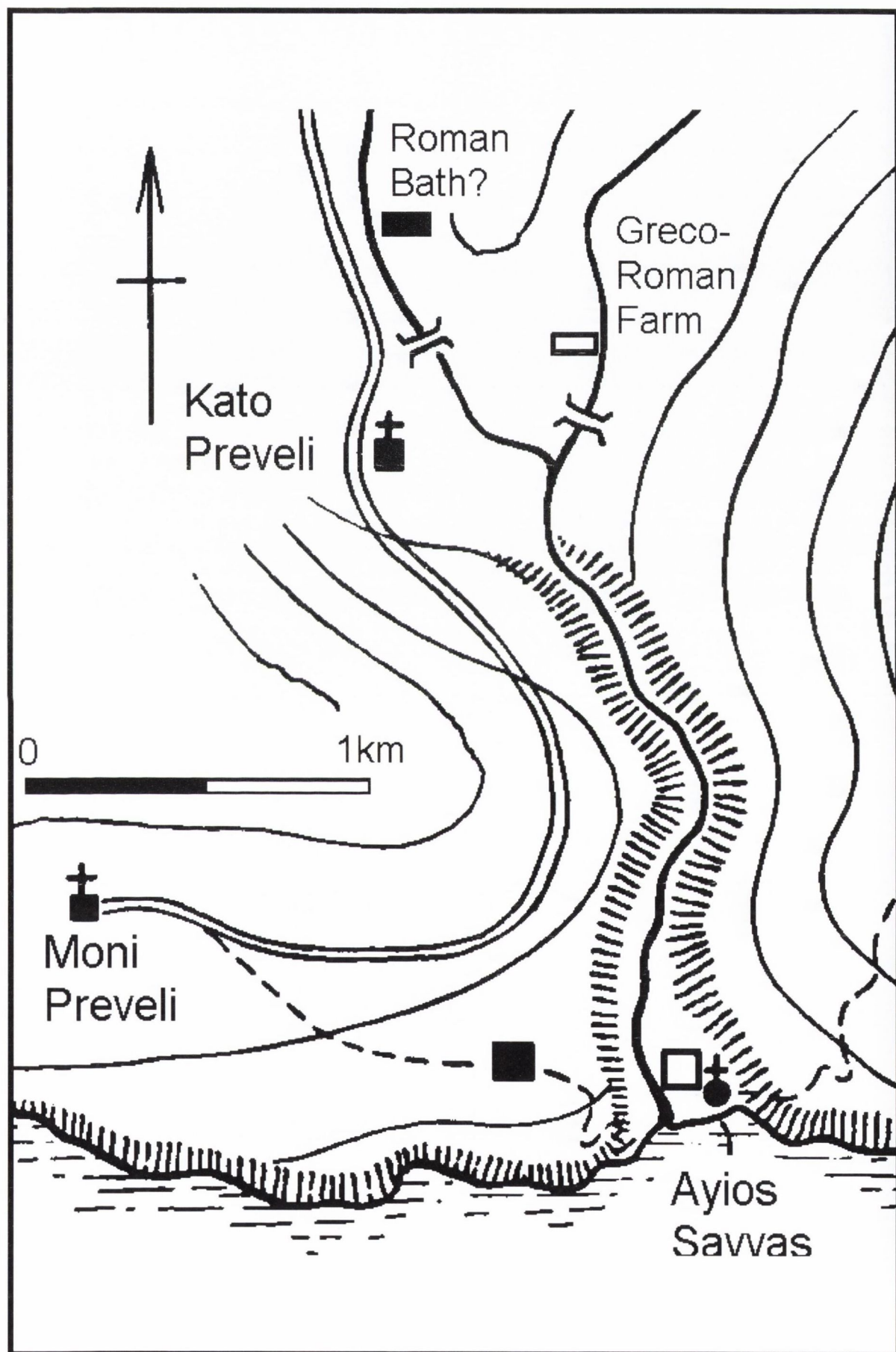


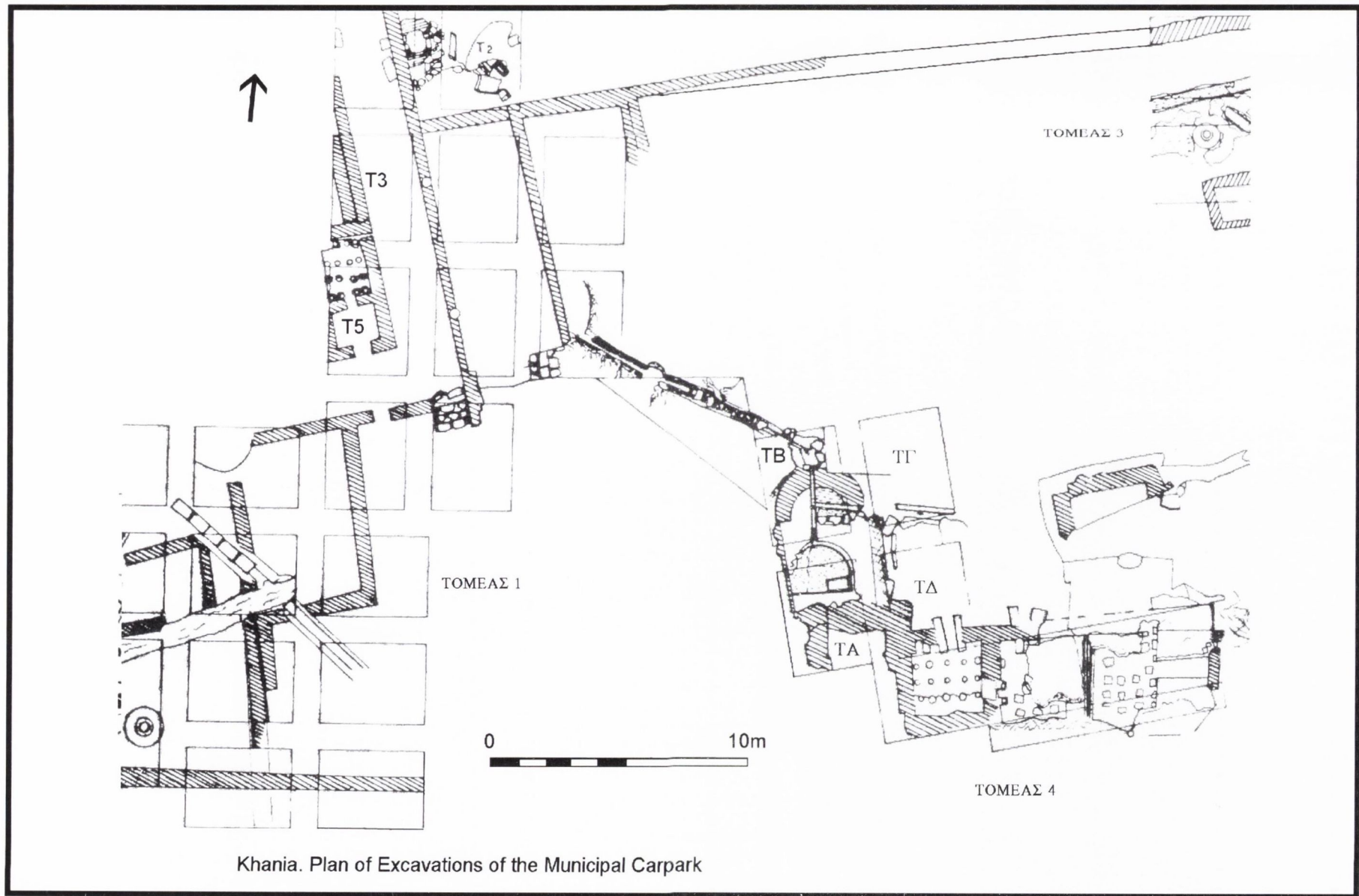
Figure 78 Sketch map of the area of Preveli (after Hood & Warren 1966, 181, fig. 8)



PLAN OF KHANIA

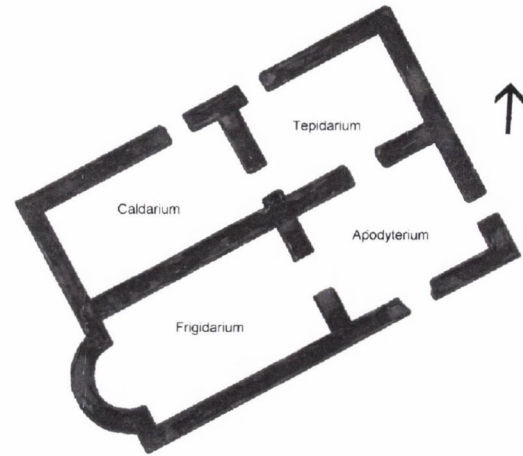
- 2 Roman bath in Cathedral Square / Plateia Metropoleos
- 3 Roman bath on Kastelli
- 9 Roman Bath in plot for Municipal Carpark

Figure 79 Plan of Khania (after Andreadaki-Vlazaki 1996, 30, fig. 32)

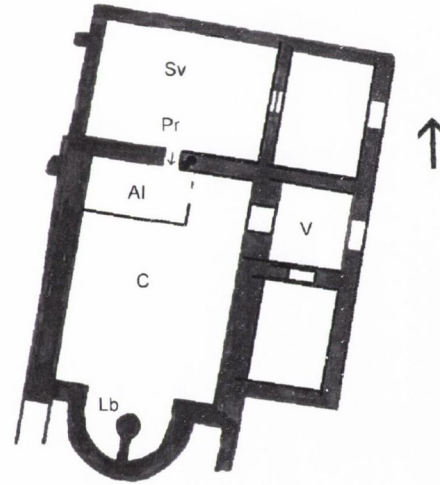


Khania. Plan of Excavations of the Municipal Carpark

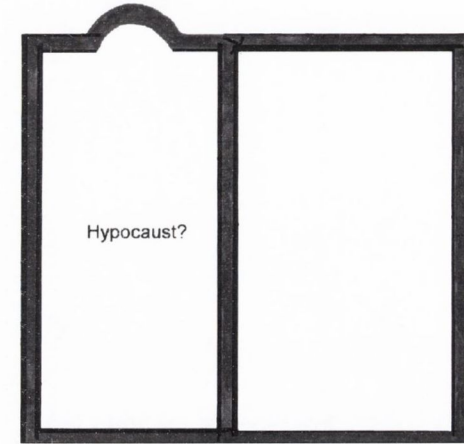
Figure 80 Khania. Plan of Excavations in the Municipal Carpark (after Markoulaki 1990, 437, fig. 2)



Simena Baths
(after Farrington 1995, 161, fig. 15)

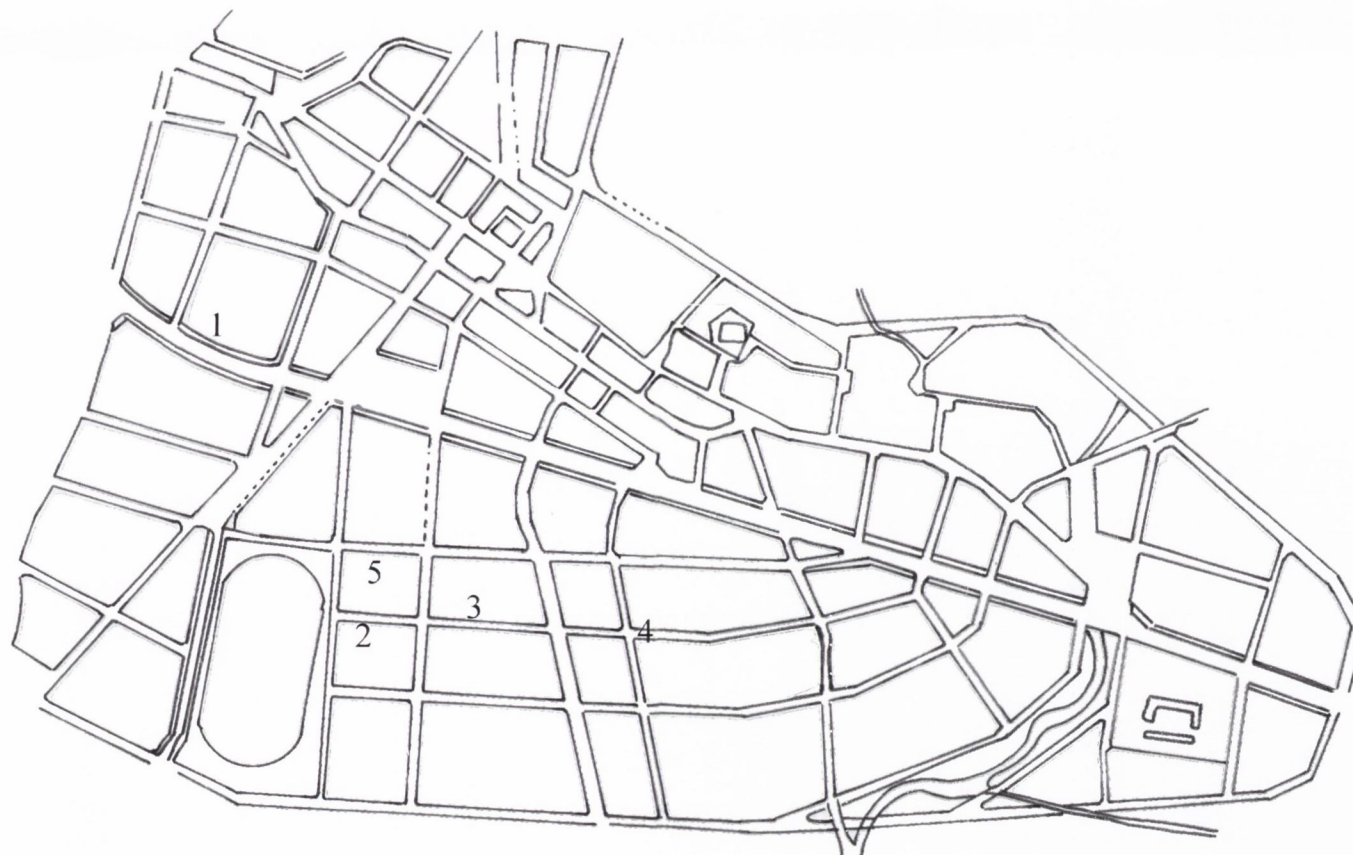


Olympia Baths IV
(after Nielsen 1999, fig. 7)



Baths at Souia
(after Savignoni 1901, 443, fig. 138)

Figure 81 Plan of the Baths at Simena (Lycia), Olympia Baths IV (Achaea) and Souia (Crete)



- 1 Roman bath (Apostolakis plot)
- 2 Remains of a Roman bath (Hartzoulaki Plot)
- 3 Roman hypocaust (El. Papadaki plot)
- 4 Roman bath, cistern and vaulted section of aqueduct (A. and E. Vestaki plot)
- 5 Health Centre Excavations

Figure 82 Map of Kastelli Kissamos (after Pologiorgi 1985, 80, fig. 2).

KASTELLI KISSAMOS
PLAN OF THE BATH IN THE APOSTOLAKI PLOT

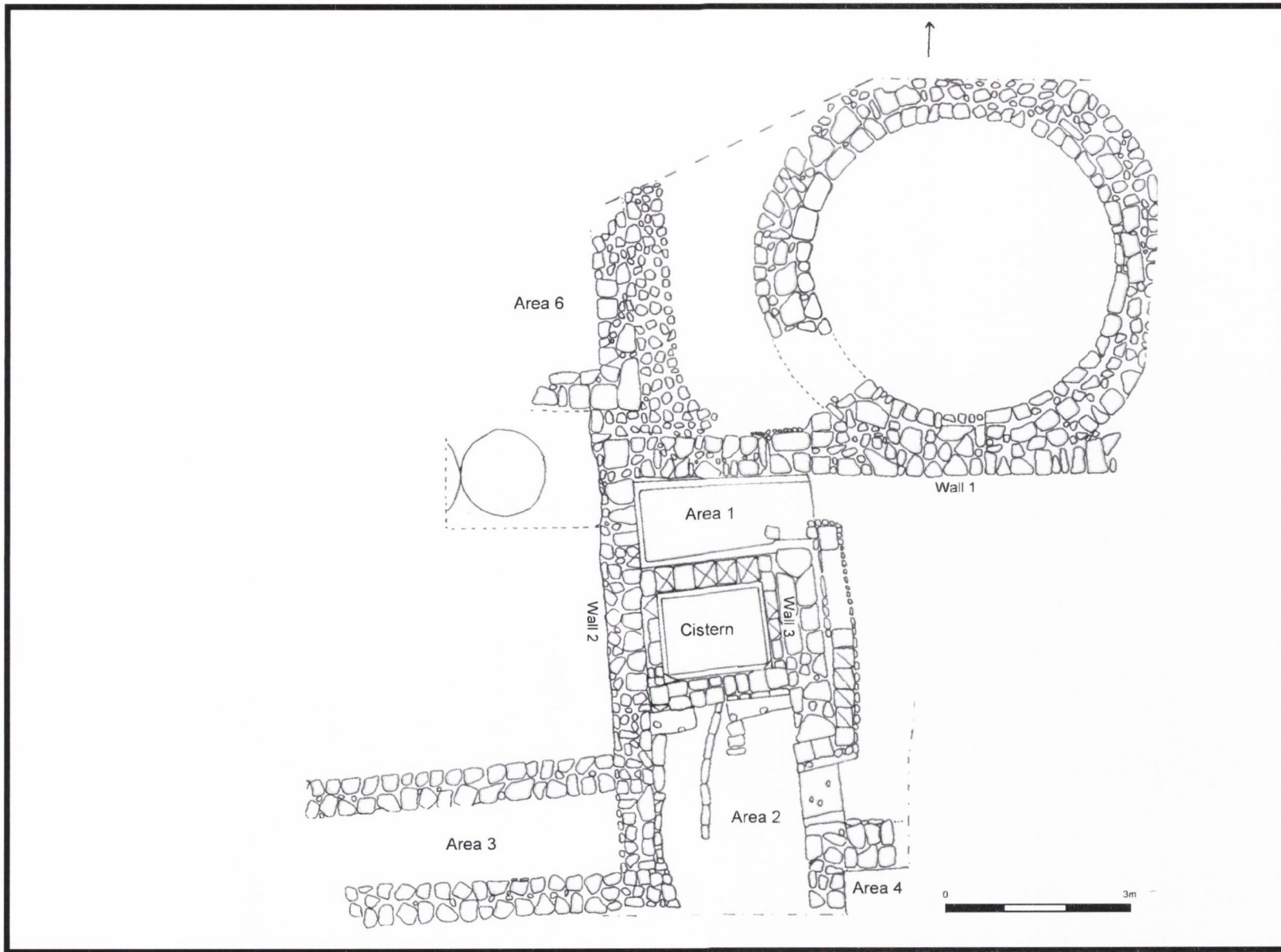


Figure 83 Plan of the Bath in the Apostolaki Plot, Kastelli Kissamos (after Tzedakis 1979, 395, fig. 2)



Figure 84 Map of Crete depicting the aqueducts of Lyttos, Chersonisos, Knossos and Gortyna (after Talbert, J. A. 2000, map 60)



A Kouphonisi : theatre Kouphonisi : cistern of water system 1



B Kouphonisi : aqueduct of water system 1



C

Kouphonisi : aqueduct of water system 1, southernmost tract



A

Kouphonisi : aqueduct of water system 2



B Kouphonisi : aqueduct of water system 2



C Kouphonisi : *opus signinum* of aqueduct 2 of water system 2



A Lyttos : mountainous aqueduct tract at Kokkino Deti tou Kavga



B Lyttos : siphon, near Aghios Constantinos

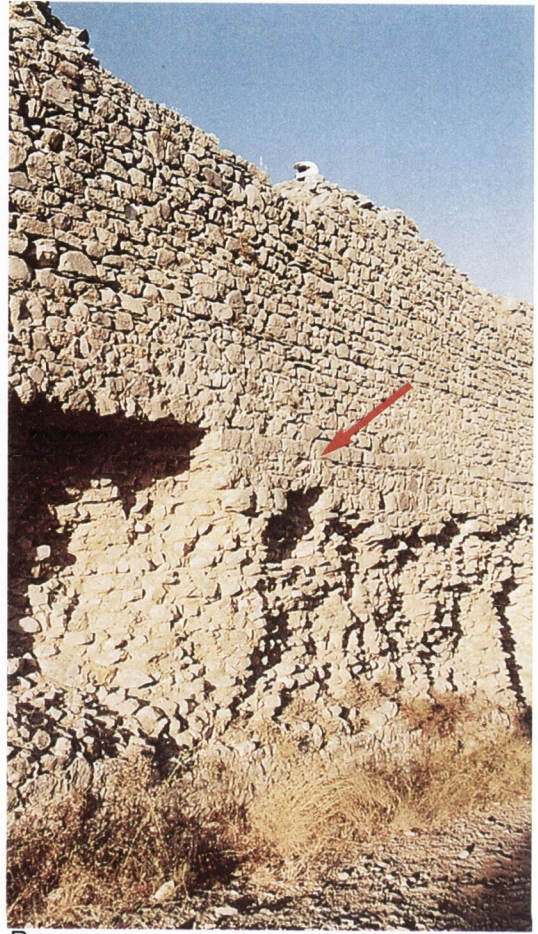


C Lyttos : Poros tou Toikhou 2



A

Lyttos : siphon at Poros tou Toikhou 2



B

Lyttos : stonework at Poros tou Toikhou 2



C

Lyttos : stonework at Poros tou Toikhou 2



A Chersonisos : free-flow bridge of Xerokamares 2



B Chersonisos : free-flow bridge of Xerokamares 2



C Chersonisos : free-flow bridge of Xerokamares 2
The red line shows the original height of the bridge



A Chersonisos :

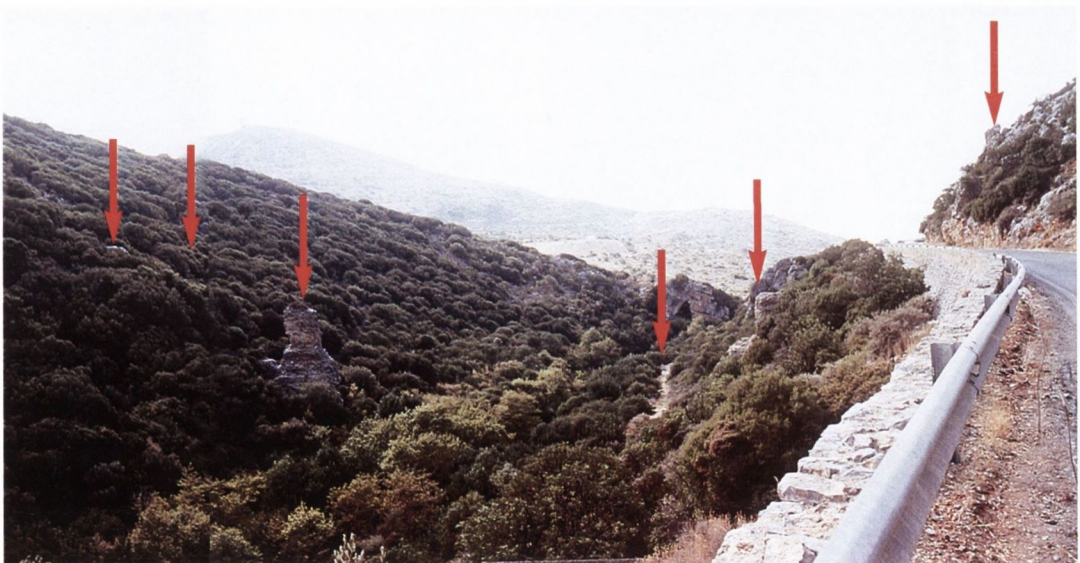
Pier of siphon bridge at Xerokamares 1



B

Chersonisos : Stack of siphon bridge at Xerokamares 1

(Pendlebury archive, courtesy of the British School at Athens)



C Chersonisos : siphon bridge at Xerokamares 1



A Chersonisos : Cisterns at Palatia



B Chersonisos : Cisterns at Palatia



A Malia : interior of cistern lined with *opus signinum*



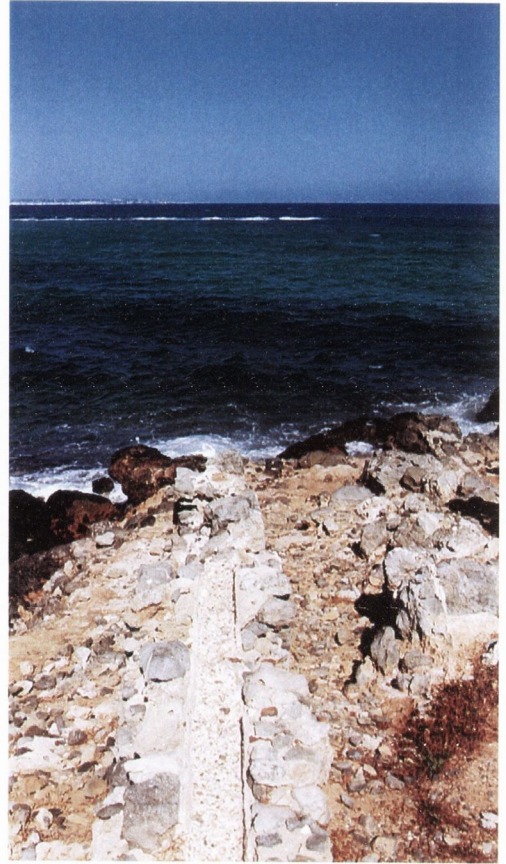
B Malia : interior of cistern lined with *opus signinum*



C Malia : stonework of cistern



A



B

Malia Aqueduct



C Malia : semi-circular compartment for collecting the water of the aqueduct, constituting a compartment in a destroyed coastal structure



A Ini : aqueduct elevation. (Pendlebury archive, courtesy of the British School at Athens)



B Ini: aqueduct elevations



C Ini : aqueduct elevation



A Kastelliana : cistern complex in foreground.
Inselburg of Priansos (Kastel Belvedere) in background



B Kastelliana : view of cisterns from the top of Priansos (Kastel Belvedere)
arrow indicates the cisterns



A Kastelliana : cisterns



B Kastelliana : southern barrel-vaulted compartment



C Kastelliana : north wall with evident bonding course



A Knossos : Roman aqueduct evident below Egyptian aqueduct (just west of Egyptian bridge)



B Knossos : *opus signinum* lining the Roman aqueduct evident below Egyptian aqueduct



C Knossos : Bank and ditch running along the northern bank of the gully northwest of Spilia



A Knossos : topped masonry from the aqueduct along the eastern flank of Upper Gypsadhes

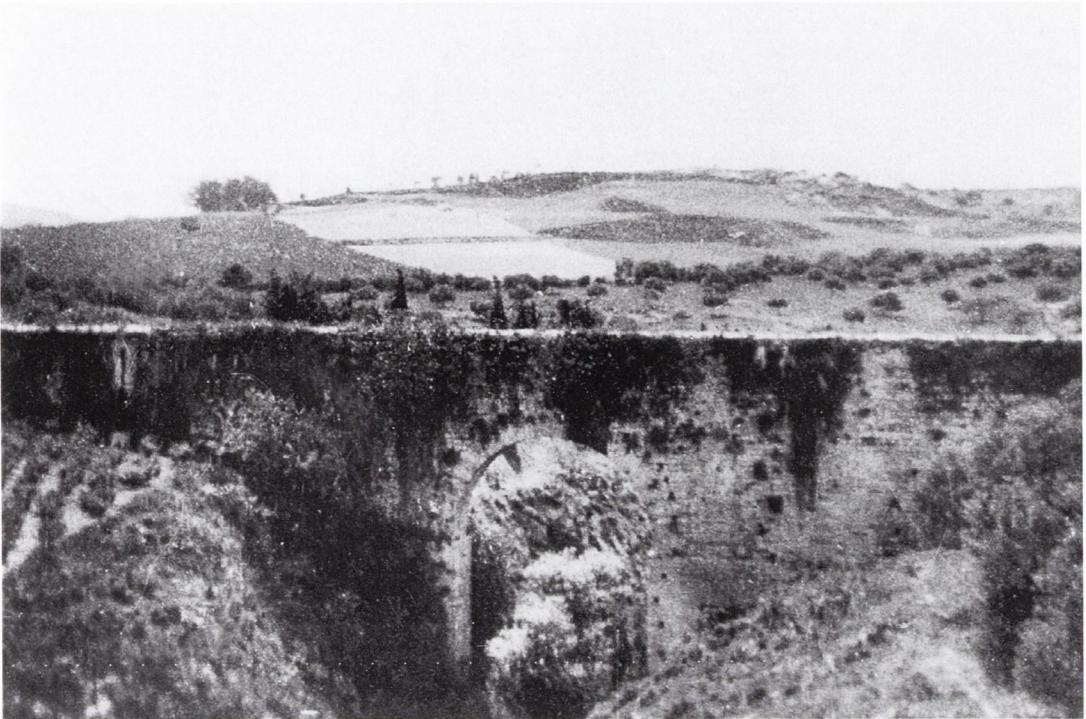


B

Knossos : eastern flank of Upper Gypsadhes,
(B) indicates the northern edge of the gully
formed by the high substructure of the Roman aqueduct
over which the Venetian aqueduct (A) sits.



C



A Knossos : Venetian aqueduct bridge crossing the Vlychia River
(Pendlebury archive, courtesy of the British School at Athens).



B Knossos : Venetian aqueduct bridge crossing the Vlychia River



A Knossos : Roman bridge crossing the Vlychia River



B Knossos : Roman bridge crossing the Vlychia River, view from below



A Knossos : Roman cistern in Knossos village



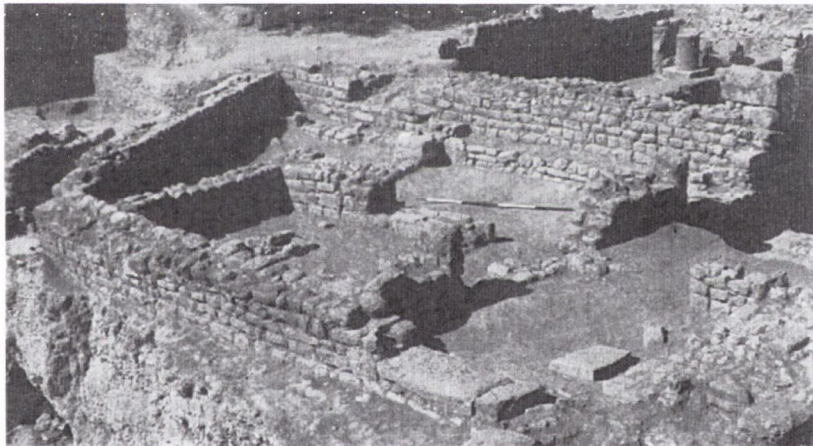
B Knossos : aqueduct branch
supplying the area of the North House
(after Sackett *et al.* 1992, 47, pl. 40a).



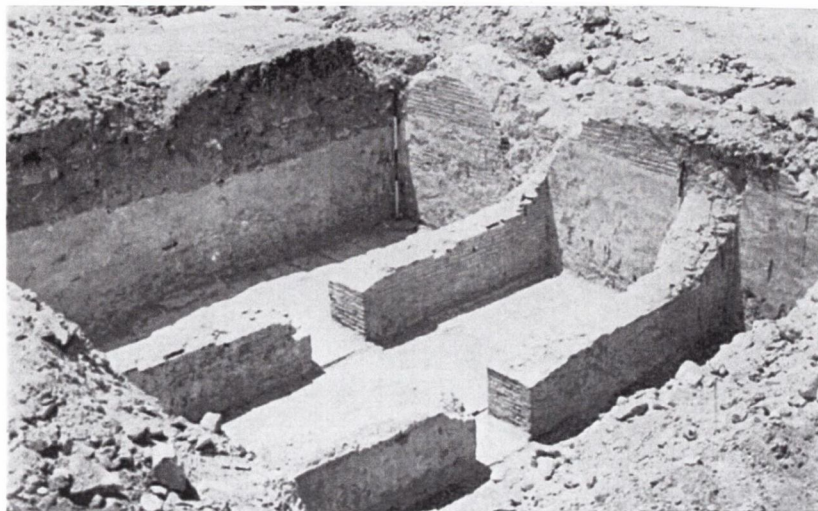
C Knossos : aqueduct branch in North House



A Knossos : elevation of aqueduct branch in North House



B Knossos : elevations of North House (Sacket *et al.* 1992, pl. 48f)



C Knossos : photograph of Trefoil basilica (after Megaw 1984, 323, fig. 3)



A Knossos : *opus signinum* visible in side of Royal Road indicating piping



B Knossos : Cistern to the north of Royal Road



C Knossos : cistern to the north of Royal Road



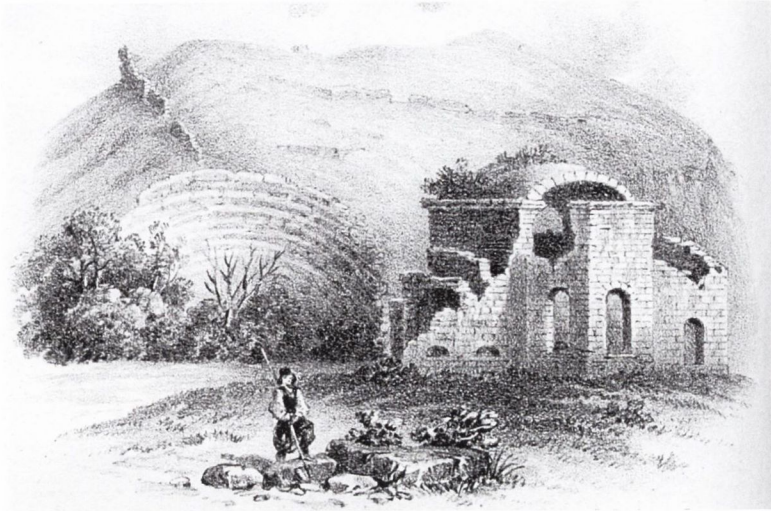
A Pyloros : collapsed and badly damaged structure



B Pyloros : cistern with pipe



C Pyloros : cistern



A Gortyna : view of Aghios Titos (after Spratt 1865 II, 28)



B Gortyna : view of Gortyna from western acropolis



C Gortyna : view of Mitropolianos Valley
arrow indicates the siphon in the Ruaki Valley



A Western wall of the *caput aquae* at Zaros (outer façade)



B Western wall of the *caput aquae* at Zaros (outer façade)



C Western wall of the *caput aquae* at Zaros (outer façade)



A Western wall of the *caput aquae* at Zaros (inner façade)



B Interior of the *caput aquae* at Zaros



C Elevation extending south of *caput aquae* at Zaros



A Elevation extending south of *caput aquae* at Zaros with drainage culvert



B Detail of drainage culvert in elevation extending south of *caput aquae* at Zaros



C Votomos Lake



A Gortyna : La Torre's tract 13



B Gortyna : La Torre's tract 14



C Gortyna : La Torre's tract 13



A Gortyna : fountain



B Gortyna : aqueduct C



C Gortyna : nymphaeum



A Levena : temple



B Levena : pebble mosaic in treasury



C Levena : fountain



A Lebena : aqueduct AA



B Lebena : structure B1



C Lebena : structure B1



A Eleutherna : rock-carved settling tanks



B Eleutherna : rock-carved settling tanks



C Eleutherna : connecting arch



A Eleutherna : rock-carved aqueduct, photographer facing west



B

Eleutherna : rock-carved aqueduct, photographer facing east



C Eleutherna : back wall of rock-carved aqueduct,
lamp niche indicated by the arrow



A Axos : aqueduct at Tou Toikhou, photographer facing north



B Axos : aqueduct at Tou Toikhou, photographer facing south



A Lappa : Cave chapel of Aghios Dynamios



B Lappa : Chapel of Aghios Elousa



C Lappa : aqueduct of medieval mill



A Lappa : cistern



B Lappa : cistern



C Lappa : cistern



A Aradena : bridge over ravine entering the village



B Aradena : cistern



A Aptaera : L-shaped cistern. Photographer facing north



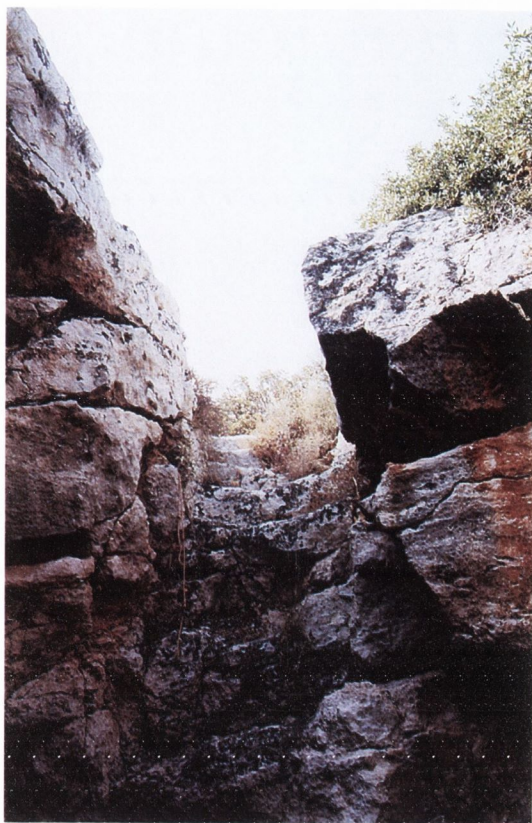
B Aptaera : L-shaped cistern showing buttresses around northern extent



A Aptaera : triple cisterns



B Aptaera : interior of triple cisterns



A Minoa : rock-cut steps into cistern on Akrotiri



B Minoa : ceiling of the cistern on Akrotiri



A Boutsounaria : spring-house



B Boutsounaria : settling tank



A Elyros : theatre



B Elyros : aqueduct



C Elyros : aqueduct



A Elyros : *petit appareil* elevations on lower slopes of acropolis



B Elyros : vaults of the cisterns



C Elyros : cisterns



A Diktynnaion Sanctuary: general view of the site



B Diktynnaion Sanctuary: cisterns



C Diktynnaion Sanctuary: cisterns



A Diktynnaion Sanctuary: pipes draining the cisterns



B Diktynnaion Sanctuary: wall with pipes



C Diktynnaion Sanctuary: bridge



A Polyrhennia: acropolis



B Polyrhennia: Roman house with a large rock-cut cistern



A Polyrhennia: shaft off village street



B Polyrhennia: shaft in backyard of house in the village



A Phalasarna: substructure of aqueduct



B Phalasarna: substructure of aqueduct



C Phalasarna: cattails at point where the aqueduct runs out over the sea cliffs



A Makriyalos: horseshoe-shaped plunge-bath



B Makriyalos: area Ω



C Makriyalos: intersecting circle mosaic in area O



A Makriyalos: apsed hypocaust K1 in 2003



B Makriyalos: apsed hypocaust (*Kathimerini* 9/11/1997, 11)



C Makriyalos: room H



A Sitia: rock-cut bathing facility



B Kouphonisi: public bathhouse



C Kouphonisi: apsidal pool Δ



A Kouphonisi: hypocaust A



B Kouphonisi: public bathhouse



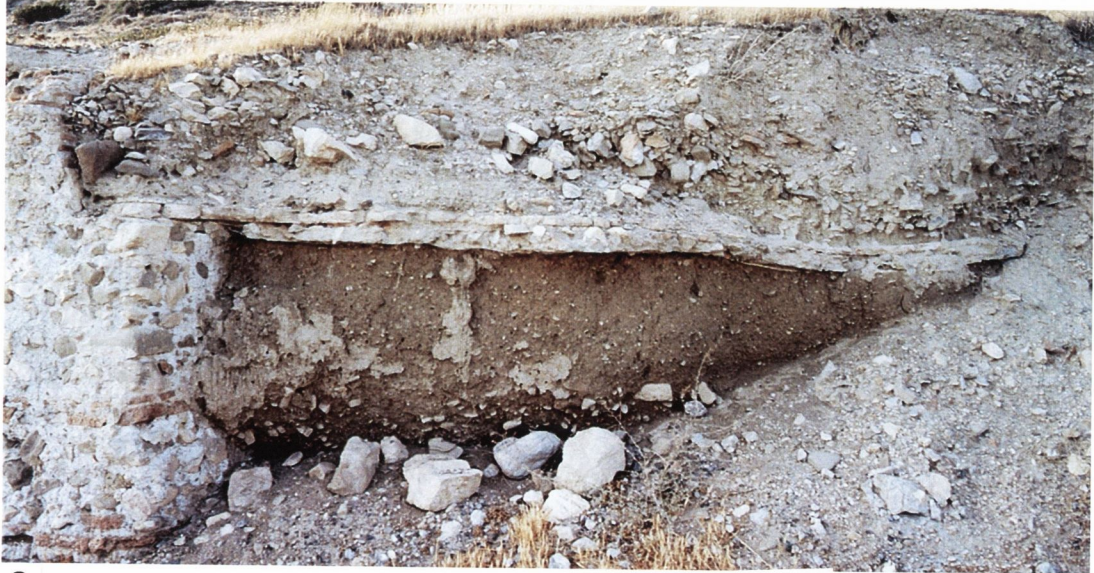
C Kouphonisi: drain floored with tiles with incised X



A Myrtos: hypocaust



B Myrtos: hypocaust



C Myrtos: road-cut exposing a bedding layer of *opus signinum*



A Pachyammos: north wall of villa structure



B Pachyammos: north wall of villa structure



C Pachyammos: arched *praefurnium*



A Ini: arched niche of bathhouse



B Ini: arched niche of bathhouse



C Ligortynos: church of Aghia Triada



A Ligortynos: fountain beside church of Aghia Triada



B Ligortynos: fountain beside church of Aghia Triada



C Ligortynos: fountain beside church of Aghia Triada (Gerola 1932-40, VI, 74-5, fig. 50).



A Knossos: net pattern mosaic in the private bath-suite



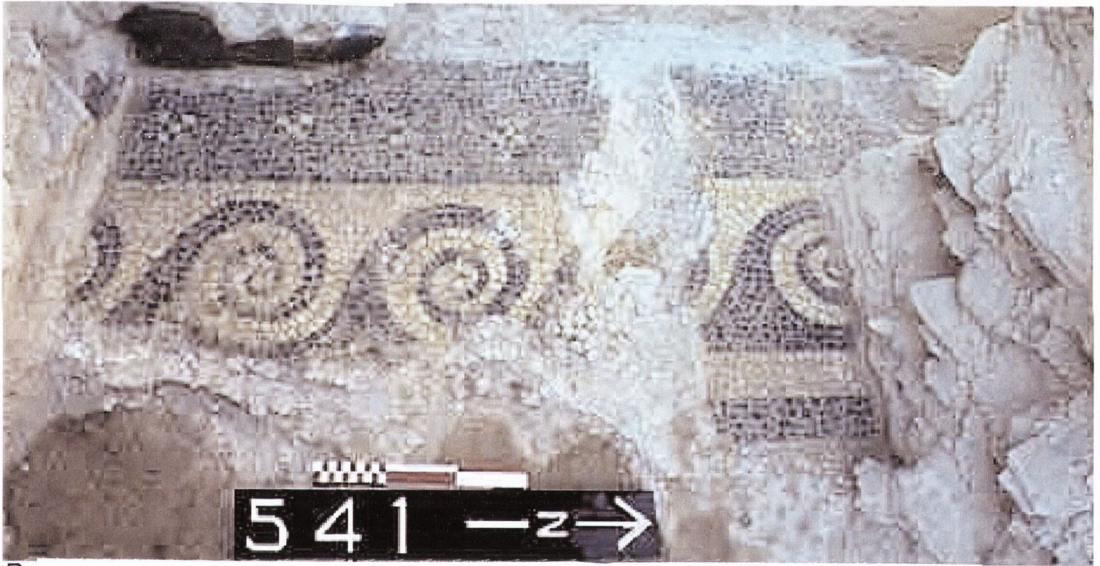
B Knossos: hypocaust of the private bath-suite



C Knossos: plunge-bath 11 of the private bath-suite



A Knossos: Athlete Mosaic



B Knossos: mosaics and marble veneer associated with public bathhouse



C Knossos: wall of the public bathhouse



A Kato Asites: northern plunge-bath in foreground.



B Kato Asites: bath



C Kato Asites: western wall of bath



A Gortyna: Praetorium Baths, columns from portico visible



B Gortyna: Praetorium Baths, room 64c, mosaic US 1046



C Gortyna: Praetorium Baths, *apodyterium* 45, mosaic 254



A Gortyna: Praetorium Baths, pool 334 of caldarium 13



B Gortyna: Praetorium Baths, collapsed vault in caldarium 13



C Gortyna: Praetorium Baths, *pilae* of caldarium 13



A
Gortyna: Praetorium Baths, pool 305



B Gortyna: Praetorium Complex, spacer pin



C Gortyna: Praetorium Complex, triapsidal hall



A Gortyna: Praetorium Complex, room 35 with pool 31 and 33



B Gortyna: Praetorium Complex, pool 33



A Megali Porta: Wall M19 western face



B Megali Porta: Wall M19 eastern face



C Megali Porta:
west end the southern apse of *frigidarium*
formed by M26 and M124



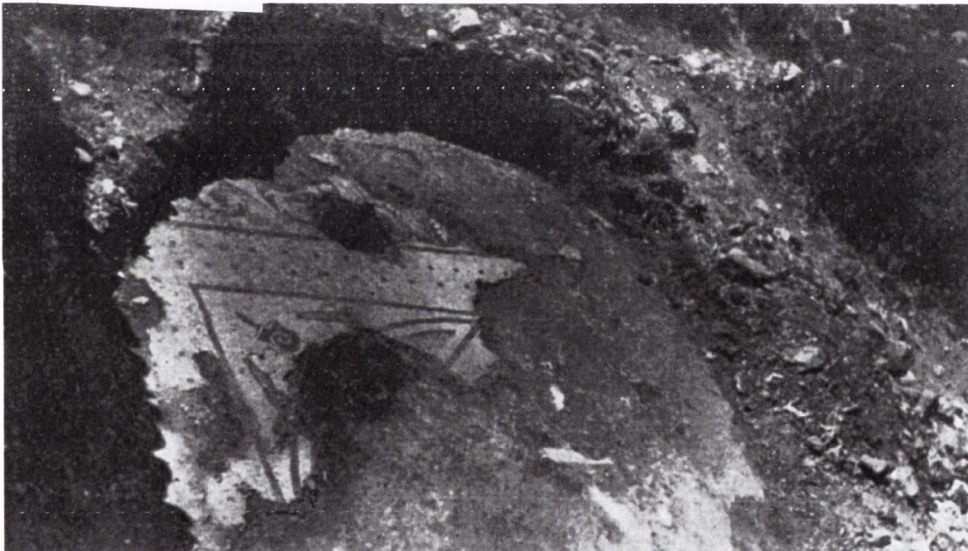
A Megali Porta: Exedra M58



B Megali Porta: Exedra M58



A Vizari: Basilica



B Vizari: Mosaic with triumphal scene (Kalokiri 1959, 33-34, pls II' 1 and 2, IΔ').



C Vizari: Scroll Motif (Kalokiri 1959, 33-34, pls II' 1 and 2, IΔ').



A Stavromenos: horse-shoe plunge-bath



B Stavromenos: area 1



C Stavromenos: hypocaust



A Eleutherna: the Small Bath: hypocaust 44a in foreground with hypocaust 43 in background



B Eleutherna: the Small Bath: looking east over bathhouse from cistern 84



C Eleutherna: the Small Bath: pool 51 off area 47



A Eleutherna: cistern 84



B Eleutherna: hypocaust on the second floor of a private house



C Eleutherna: the Large Bath (Themelis 2002, 58, pl. 54)



A Lappa: brickwork in the foundations of chapel of Aghios Nikolaos



B Lappa: outer shrine beside chapel of Aghios Nikolaos



C Lappa: brickwork in terrace wall beside chapel of Aghios Nikolaos



A Lappa: mosaic in the bathhouse in the village centre



B Lappa: main mosaic panel mosaic in the bathhouse in the village centre



C Lappa: mosaic in the bathhouse in the village centre



A Loutro: view of Loutro peninsula from Anapolis



B Loutro: collapsed bathhouse



C Loutro: collapsed bathhouse



A Aptaera: Bathhouse to the north of L-shaped cistern



B Aptaera: niche of bathhouse to the north of L-Shaped cistern



C Aptaera: staircase to upper storey of bathhouse



A Aptera: Bathhouse to the north of triple cistern



B Minoa: private bath-suite apsidal pool H in foreground



C Minoa: apsidal pool H



A Minoa: circular cistern



B Minoa: circular cistern



C Knossos: circular cistern associated with the Villa Dionysus



A Souia: bathhouse (Savignoni 1901, 443, fig. 138)



B Souia: bathhouse (Markoulaki 1981, 401, pl. 298b)



C Souia: bathhouse



A Souia: bathhouse



B Souia: bathhouse



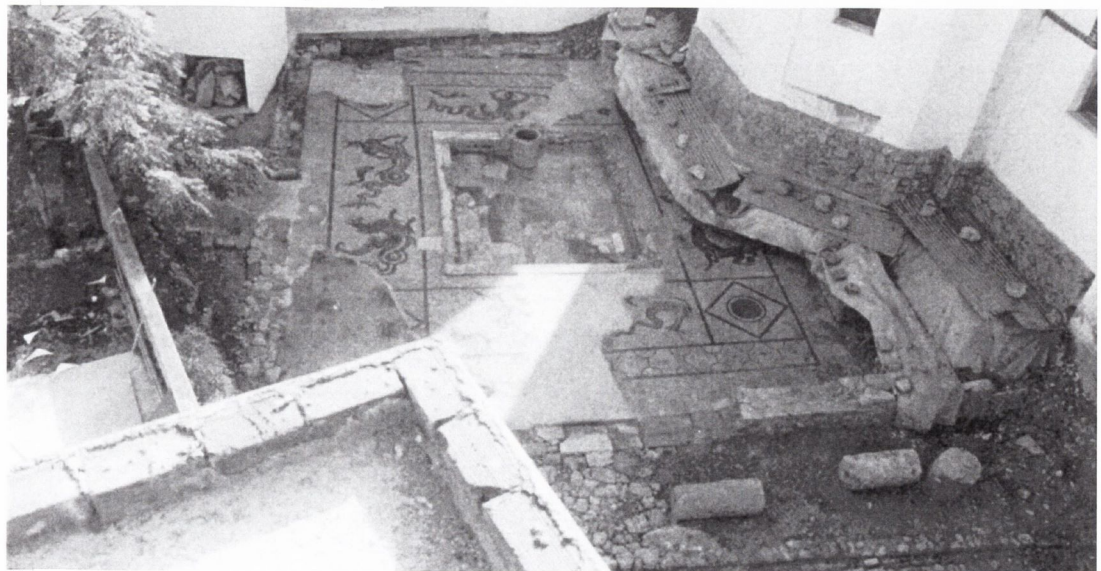
C Souia: bathhouse



A Kastelli Kissamos (B 48)



B Kastelli Kissamos (B 48)



C Mosaic of tritons and sea-griffins set around the *impluvium* of a private house (Markoulaki 1999, 199, fig. 27)



A Koleni Kamara: chapel



B
Koleni Kamara: bacini and reused brick



C



D

Koleni Kamara: brick facing evident in the foundations of the chapel



A Phaestos: late-antique bath



B Phaestos: late-antique bath



C Phaestos: late-antique bath



A



B



C

Mochlos: late-antique cistern



A Tholos: monumental cistern



B Tholos: cistern interior



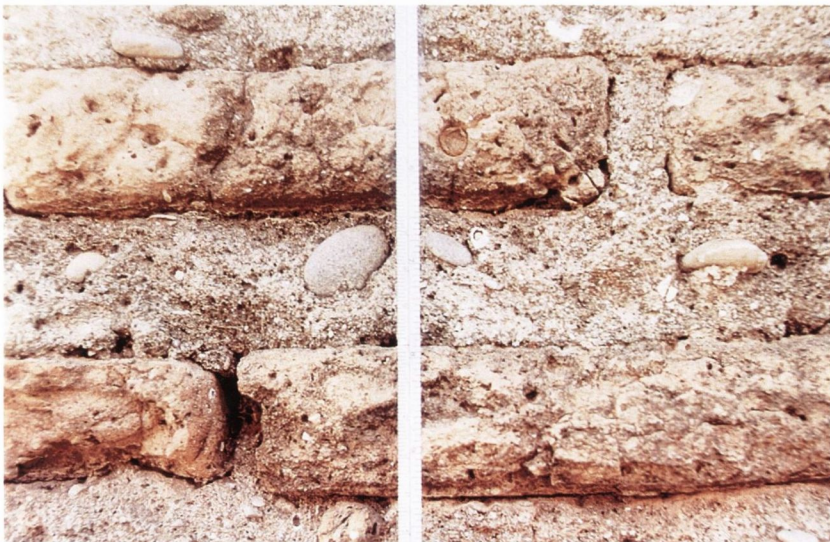
C Tholos: detail of corner feature



A Tholos: exterior of wall with buttresses



B Tholos: detail of brick facing



C Tholos: detail of brick facing



A Lasea (*Ergon* 1998, 161, pl. 2)



B Knossos: spacer pins (from <artsweb.bham.ac.uk>)



C

D

Lappa: spacer pin

Eleutherna: spacer pin (Themelis 2002, pl. 62)

(Gavrilaki-Nikoloudaki 1988, pl. 13g)



A Athens aqueduct: top of shaft



B

Athens aqueduct: top of shaft indicated by the arrow



C

Knossos: statue of Hadrian



A Tlos: windowed apse in Bath B



B Patara: windowed apse in the North Baths



C Patara siphon: polygonal substructure



A Patara siphon



B Patara siphon



C Patara siphon: detail of stone pipes