MIROBRIGA

SW COURTYARD WALL
ROOMS 10, 12, 15,
16 & 17

East Baths

SW courtyard wall

June 14 Laid out a trench 5.0 m in length over the SW courtyard wall where a short stub of wall projects from scarp to NE opposite SE wall of Room 10. Purpose to find continuation of courtyard wall. The NW scarp of the trench is in line with the NW wall of Room 10. The SW scarp lies at 4.46 m. SW of the S face of the SW portico wall. The ground slopes very steeply here from ca. 224.70 m. to 222.34, courtyard level.

001 Some pottery, including 1 modern glazed mag-
Bank 1 1 modern brick mg.

Transfer notes from W. Baths, June 13

East Baths, SW courtyard wall

June 15
Basket 1
001

continued clearing fill from trench At 223.07 m. reached top of wall. ~~Cleared fill~~ lying 1.82 m from end of NW wall of Room 10. Cleared fill from face of ~~courtyard~~ wall. Many brick and tile fragments in fine silt loam fill, including fragments of imbrices. Wall preserved to height ca 1.03 m. at NW end. At base of wall rubble as at far NW end. Wall not in a good condition. Beam to the north. Reached junction with spur wall which appears not to bond. Continued taking wall back east of spur wall at low level up to line of trench, 1.30 m. from SE wall Room 10.

222-90 Datum Point -.12 -.04

June 18
Locus 1
Basket 3

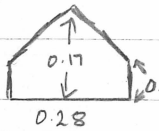
East Bailey, SW courtyard wall
Continued clearing fill from top of wall and from SE face east of spur wall. Glazed pottery beg. from at top of wall.

June 19
Locus 1
Basket 4

Continued clearing fill from top of wall and from SE face east of spur wall. Reached corner. Wall does not appear to continue to SE.

June 20
Locus 002
Basket 5

At level of top of wall, ca. 223.07 in wide trench at end of June 19. Although no change of fill is apparent changed locus. Same type of fill as Locus 001, Head size stones. 1 complete brick with triangle on one side. W. 0.23, L 0.17, Th. 0.055



Digging a strip ca. 1.20 m. wide against SE face of return of courtyard wall as a test trench.

At 222.42-222.20 m. reached bedrock at base of SW scarp, apparently at a higher level in a band 0.56 m. wide. In scarp could see that layer of blacker fill lies over bedrock/floor level. Began digging fill SW of courtyard wall. Changed Locus no. and Basket. Locus 002 & 003 & 004 Locus 003 including

Datum point - large stone

June 20 — East Baths, SW courtyard wall

Locus 003
Basket 6

Top level 222.78 E 222.86 W m
Reddish-brown fill, + tile frags, + head size stones

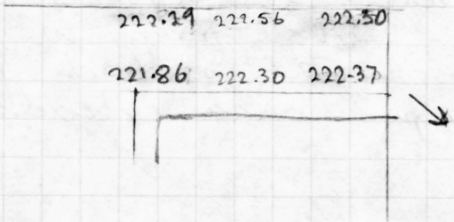
June 22

Locus 003
Basket 7

No workmen yesterday. continued digging SW of courtyard wall. Top level 222.67
charcoal. tile frags, quite small, some larger.
small schist fragments. Head size stones
With this basket uncovered top of lower section of wall which is firmly in situ. The upper courses have been pushed forward to the north.

Locus 004
Basket 8

Dakes black fill reached in trench sloping down from SW scarp towards wall. + charcoal, less decomposed brick. 1 frgment of a tegula



June 25

Locus 004
Basket 9

Finished removing layer of earth over bedrock.

From this trench imbrices (forming pile 0.40 sq, H 0.20)
Bricks (forming pile 0.50 × 0.40, H. 0.43)
1 screen wall brick with animal print (0.075 × 0.05)
— 1 brick, Th. 0.05, with dog print
5 other bricks with signatures — none complete.
All stored against SE wall Room 10, SE face

SW courtyard wall

W. 0.55 m. Max P. H. 0.87 m. Exp. L. 3.50 and 1.36 m.
construction - limestone, schist, sandstone - rough stones, bonded with white mortar. NE face has remains of mortar facing. One large stone at corner. Two parts of wall bond forming corner. At base of wall on inside - molding at junction wall and floor W. 0.15, H 0.06/07 - mortar and brick aggregate
Floor - ~~coat~~ as courtyard
Behind wall bedrock sloping down to base of wall.

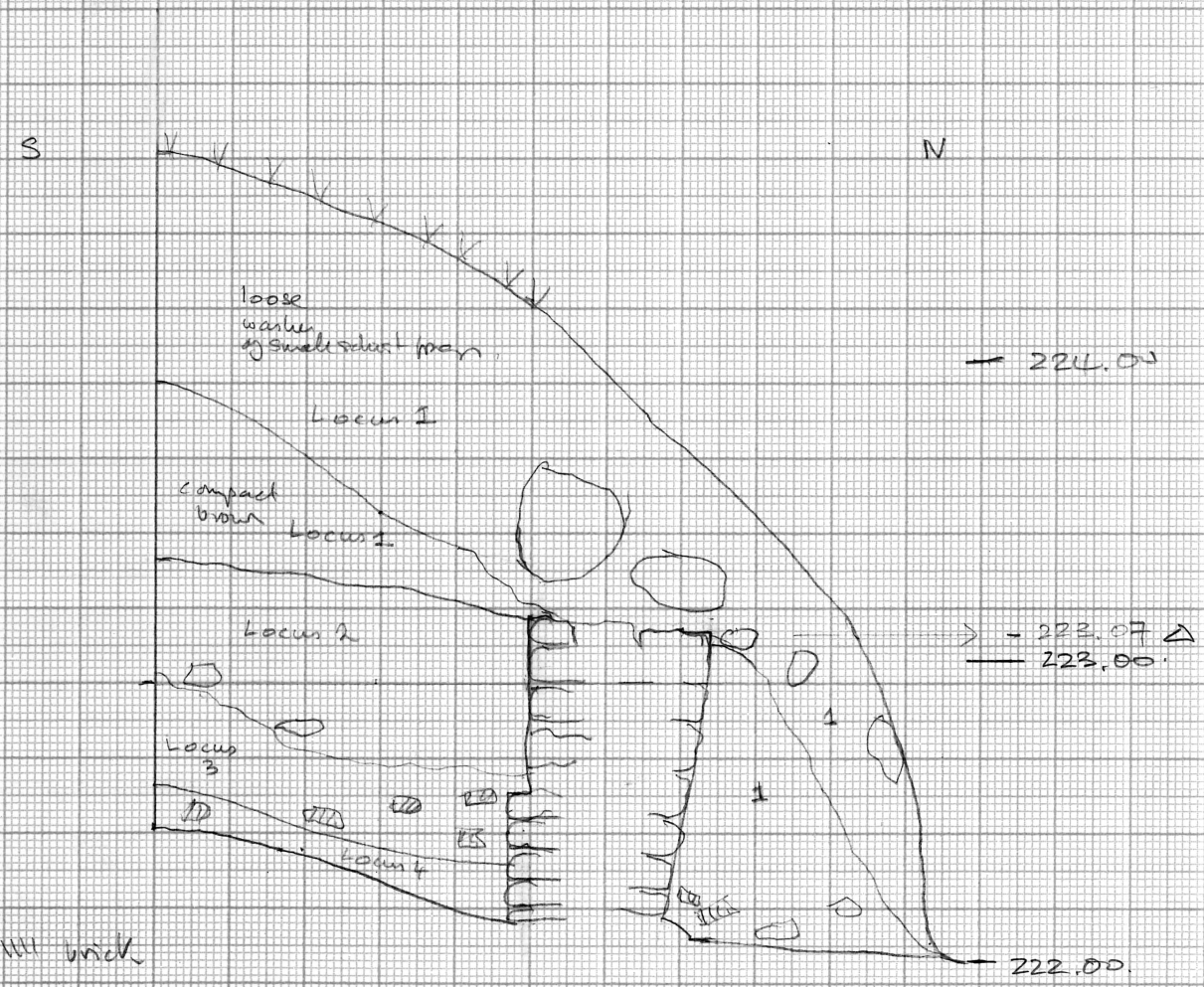
July 2

004
Basket 10

Some fill remained over bedrock at east end of trench. Removed this with Basket 10 and cleaned fill in doorway. Floor badly destroyed here inside doorway and into portico - East of portico bedrock unevenly cut. Small brick frags in scarp and in fill suggest mortar & brick flooring of portico perhaps once extended out to this area.

V

Southwest Courtyard Wall
Section 1:25



GENERAL IDENTIFICATION

Locus No. 1

E. Baths, SW courtyard wall

Date(s)

Top levels 224.40 Top plan _____; Bottom levels see section Top plan _____

Sections ✓ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of? earth, small schist fragments.

What size particles? _____ Color _____

Features

Compass orientation _____

___courses high; ____rows wide

Overall dimensions _____

How was it built?

Soil Layers

Direction & degree of slope _____

down to NE

Degree of compaction loose

Distribution of particles (e.g., random, laminated, graded bedding)

random

STRATIGRAPHIC DATA

This Locus is below Loc. — and is above Loc. 2

Lateral extent _____ Max, thickness _____ Touches balk(s) ____

How does this Locus relate to all other loci it touches?

Latest in this trench. Above a fill which was dug with it but which section revealed was different, more compact

This Locus is contemporary with which loci mentioned above?

How was this Locus formed? Wash

Basks 1, 2, 3, 4

1

Only ancient sherds kept from Basks # 1-3.
Basks combined.

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
1	14, June		stamped "French" roof tile - modern	
			1 frag glazed pitcher handle - modern	
			1 disc base ~~[illegible]~~	White ware - post Ancient
			1 vertical CW rim, burned on inside - post Ancient	
			1 large coarse sherd	-
			2 sherds White ware	non joining green & yellow
			glazed pitcher Bask 3	
		Ancient →	✓1 Roman amphora toe ;	1 sherd of an amphora
			✓1 base & 1 rim probably	Sines Ckiny fabric
2	June 15		1 water pipe	
		*	1 modern "French tile +	1 other tile frag
			1 " coarse pitcher	shoulder & rim
			2 undatable CW bases	
			✓Roman amphora toe,	probably W. Iberian
			✓1 handle from Roman	amphora
			✓1 Roman amphora	sherd
		*	2 frags White ware -	post Ancient (Basks 1 & 3)
			✓1 base, 1 flat topped	rim Sines Ckiny F. ?
		*	1 everted rim, burned,	prob. post Roman
			2 frags CW handle	
			1 frag ARS	
3	June 18		4 non-joing frag W. Ware	gr. glazed pitcher (Basks 1 & 2)
			1 prob. modern disc base	like Bask 1
			1 dark red CW sherd	
			3 orange CW sherds	
			✓1 Roman amph. handle +	1 body sherd same fabric

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
		~~4~~	~~3~~ 2 ~~iron nails~~ ; 12 bone frags
		3	1 iron concretion thrown

SW Courtyard Wall. Mirobriga 1984

POTTERY Locus 001

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
4	June 19		1 frag modern china	
			1 W. Iberian amph rim + 1 body sherd	
			1 CW frag, unidentifiable, possibly late	
			1 possibly L. Roman, possibly fineware rim	
		#808 R	2 TSH (1 Drag 27, 1 late rim R)	
			3rd c.?	
			1 base Sines Cking Fabric	
		~~Rus~~	1 late base & rim, prob. White Alentejo	
		#807 R →	1 late mortar rim, Sines Cking fabric	
			~~4~~5 sherds Sines Cking Fabric	
			10 orange coarse ware	
			join across fresh break with Bask 5.	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
		4	12 bone frag
			2 iron nails

GENERAL IDENTIFICATION

E. Bath, SW courtyard wall

Locus No. 2
Date(s) June 20

Top levels 223.07 Top plan — ; Bottom levels 222.42 / 222.20 Top plan _____

Sections ✓ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of? ~~to~~ earth, head size stones, bricks

What size particles? _____ Color _____

Features	Soil Layers
Compass orientation _____	Direction & degree of slope _____
___courses high; ____rows wide	down to NE
Overall dimensions _____	Degree of compaction loose
How was it built?	Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. 001 and is above Loc. 003, 004

Lateral extent _____ Max, thickness _____ Touches balk(s) ____

How does this Locus relate to all other loci it touches?

Includes 003 and 004

This Locus is contemporary with which loci mentioned above?

How was this Locus formed?

Banks 5, includes earlier material

2

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
5	June 20		2 Roman amph. shoulders to neck frags 8 others "	
			1 water pipe frag 24 Coarse orange fabric incl. 1 burned	
			1 " " " inward turned rim	
			1 burned White Ware jar rim + handle stub	
		#809 R→	1 " " " flanged bowl rim	
			1 White Ware B rim like #792	
			3 sherds probably related to those two, + 1 base	
			3 bases for basins 1 echinus bowl rim 1 everted triangular rim 11 joining & non-joining frags of a small pitcher + handle stub 6 more sherds	Sinai Clay Fabric or White Alkaline (= CW 1)
			1 imported White Ware	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
		5	~~3 bone frags~~ (1 large); 3 bone chips 1 tooth

GENERAL IDENTIFICATION

Locus No. 3

East Baths, SW courtyard wall

Date(s) June 20, 22

Top levels 222.60 222.76 Top plan _____; Bottom levels 222.60 222.28 Top plan _____

Sections ✓ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of? earthy, tile frags, head-size stone, charcoal, shell frags

What size particles? _____ Color Reddish brown

Features

Compass orientation _____

___courses high; ____rows wide

Overall dimensions _____

How was it built?

Soil Layers

Direction & degree of slope _____

down to NE

Degree of compaction loose

Distribution of particles (e.g., random, laminated, graded bedding)

random

STRATIGRAPHIC DATA

This Locus is below Loc. 002 and is above Loc. 004

Lateral extent _____ Max, thickness _____ Touches balk(s) ____

How does this Locus relate to all other loci it touches?

later than 002
earlier than 004

This Locus is contemporary with which loci mentioned above?

none

How was this Locus formed?

Locus 3 ; Baulks 6, 7

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
6	June 20	R Firm →	7 frags W. Iberian amph. (at least two) 1 cooked bowl rim + piece, possibly	1 sherd from same late CW3
			3 frags Siren China fabric	
			1 rim probably same fabric + probably from a large jar	
7	June 22		38 W. Iberian amph body frags & thrown (from at least 3 amph)	
			4 frags kept including two shoulder/neck (1 with handle stub), 1 rim frag kept	
		(5 thrown)	6 frags from another small amphora	
		(10 frags thrown)	12 frags + 2 rims from Late Roman Siren CW pitcher of an imported unusual fabric + 3 base frags	
			1 late Roman mortar frag	
			3 non-joining frags thin orange cup (incl 2 rim frags)	
			9 non descript coarse	
		#786	late coarse plate foot	
		#787	foot ARS, form 8 or 9	
		#788	rim ARS form 50 (thrown)	
		#789	rim " " " + non-joining rim fragments	
			2 other v. battered ARS frags (thrown)	
			2 joining frags of 1 flat base Siren C.F.	
	#791) coarse ware		3 heavy pitcher/jug bases Siren C.F. + 4 anoc. non-joining frags (thrown)	
	792 } rim		6 joining + non-joining Siren C.F. pitcher	
	793)		19 wall frags ditto ditto (1 saved)	
			18 burned wall frags ditto repr. 3 vessels, probably = #791; 793 rims (11 thrown)	
			6 frags W. Alentejo tile (3 saved)	
			1 late Roman molded lamp base	

No frags CW3.

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
		7	2 iron nails; glass frag.
	M-64	7	bronze nail/stud;
	C-55	7	bronze coin
		7	lamp frag
		7	14 bone frags; 1 tooth
		7	1 iron frag

GENERAL IDENTIFICATION

E. Baths, SW courtyard wall

Locus No. 4

Date(s) June 22

Top levels see notebook Top plan _____; Bottom levels 222.30 222.12 Top plan _____

Sections ✓ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of? earth, charcoal, brick

What size particles? fine Color dark

Features

Compass orientation _____

___courses high; ____rows wide

Overall dimensions _____

How was it built?

Soil Layers

Direction & degree of slope _____

down to NE

Degree of compaction _____

Distribution of particles (e.g., random, laminated, graded bedding)

random

STRATIGRAPHIC DATA

This Locus is below Loc. 003 and is above Loc. bedrock

Lateral extent _____ Max, thickness _____ Touches balk(s) ____

How does this Locus relate to all other loci it touches?

This Locus is contemporary with which loci mentioned above?

—

How was this Locus formed?

Locus 4 Bask 8, 9 #10 ITS rim 1st c. 8 frags CWF 7 bone frags } thrown chronolog. useless

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
8	June 22		25 W. Iberian amph.	sherds (3 kept)
			8 joining & non-joining	frags ARS plate floor possibly Form 50 (240–3rd 1/4 4th c.)
			2 non-joining frags ARS 1 rim ARS Form	32/50
		#795 →	2 frags possibly related to CW3 (thrown) ~~& no other~~ 0 + rim #795, and no other CW3	
			1 frag W. Alentejo	tile (thrown) 3 bases sines Cking fabric incl. 1 burned
		#796	1 rim sines Cking fabric basin + 4 joining frags & 4 non-joining (thrown)	
		#794	1 burned rim, CW4	?
			1 rolled rim, burned, sines Cking fabric 16 wall frags, sines Cking fabric (14 thrown)	
			1 orange CW bowl? rim	
			3 joining & non-joining frags of an unidentifiable CW fabric	
			2 joining frags of baggy jug with everted rim	
#9	June 25		12 frags W. Iberian amphora body sherds thrown	
			1 frag of another	amphora
			5 frags CW3 (4 thrown) 2 frags CW4	
			1 flanged table amphora rim 5 joining & non-joining ARS rim, form 50	
			3 frags of sines Cking wave join #793 Locus 3 Bask 7	
		#810 R →	1 sines Cking wave basin rim + incised wave pattern	
			9 other frags sines Cking wave incl. rim & handle (5 thrown)	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
		Bask 8	Bone pin
		Bask. 8	3 iron nails
	G32	8	Glass cup base, frag
			1 large bone; 15 fragments
	M65	8	Bronze pendant?
		9	9 bone frags.

Room 12

1983

July 4

East Baths, Room 12

Photos:
83.7.35 from above
.36 to NW
83.8.1
83.8.2

Continued cleaning fill off floor at NW end. Surface damaged. Decided to dig east of threshold of Room 8 where floor apparently broken through. Hope to find line of drain which lies under floor of Room 8 and which probably crosses Room 12 to South. Area 0.60 x 0.70 m. excavated 83.8.2 for small area west of south bench.

Locus 001
Basket 1

July 5

Photos:
83.8.29
~~83.10.1 final photo from above~~
~~c. 83.6.24A~~

Basket 1 for fill over 3 cover slabs in terracotta in situ over drain at 222.672 m. Drain is cut in bedrock and apparently lined with mortar.
~~83.10.2 final ph. to NW~~
~~c. 83.6.24B~~

Locus 001
Basket 2
Photo:
83.8.30

Basket 2 for area of brown 7.5YR 5/4 dirt at NW end of bench against SW wall of room where drain probably broken away also. Top level 222.587
Many stones, some L. 0.20 m. Sandier and stronger brown patch 10YR 5/4 yellowish brown
Came down on cover tiles for drain, roughly constructed, ~~To~~

Room 12

July 6

Locus 002
Basket 3
Final photos:
83.10.1 & 2
C83.6.24A & 24B

Basket 3 pr fill of drain east of threshold to Room 8, very fine silt. Dark yellowish brown 10YR 4/4. Two bricks used as cover tiles, Th. 0.055, 0.042.

Basket 4
Locus 002

Removed cover tile from drain at SE end near ~~NE~~ SW wall of Rm. Charcoal. Many small finds - die, bone pins, 2 silver? discs

Photo 83.9.8

Before removal of cover tile

July 7

Basket 5
Locus 002

continued cleaning drain at N west end of bench.

Decided to take out another cover tile further to north. Removed some of the flooring to do so.

Locus 003
Basket 6
No pottery

Frag. of painted plaster.
Very large stones were used as packing pr the mortar. ~~some~~ One L. 0.30, W. 0.26 x 0.10; L 0.25 x 0.20 x 0.06

83.10.30

Photo of second cover tile.

Locus 002
Basket 7

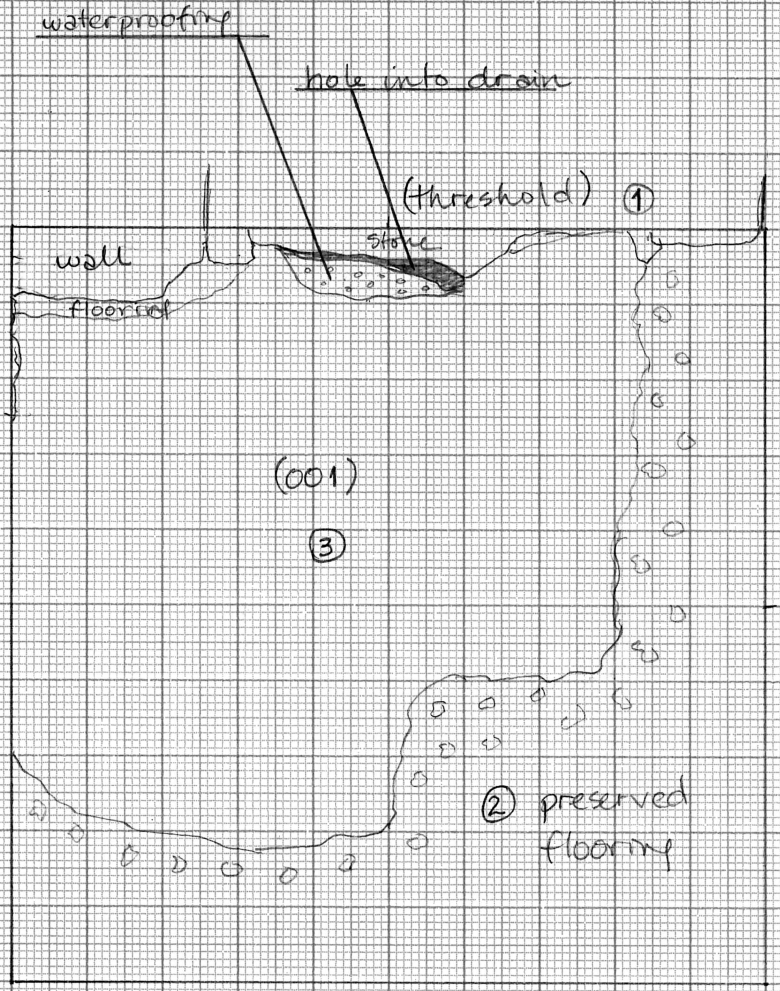
For fill of drain below.

Locus 004
Basket 8

For fill of drain under wall.
Final photos: 83.11.8, 9
C83.7.10 & 11

MIROBRIGA 1983
Room 12, East of threshold of Room 8
Top Plan 1
Top of 001

LEVELS
ASL
1 - 222.862
2 - 222.702
3 - 222.672

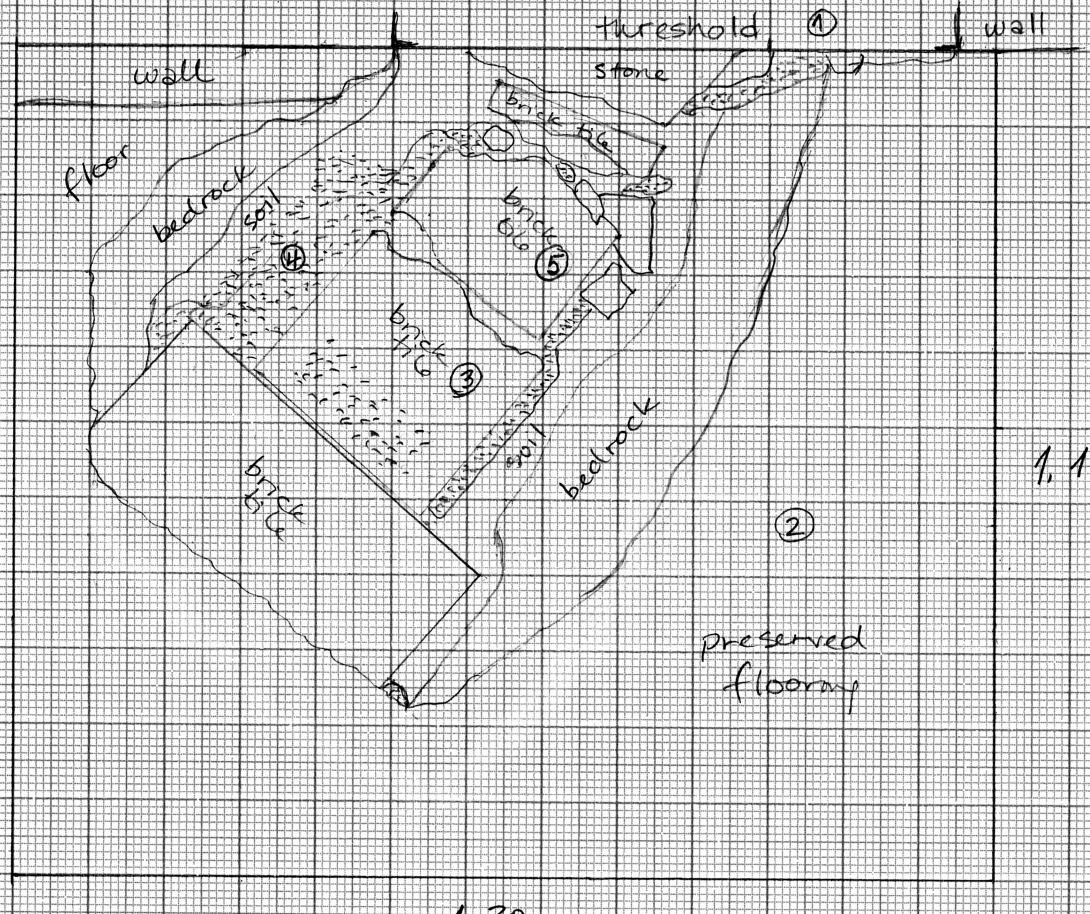


N

SCALE - 1:10

R. MERSEREAU

MIROBRIGA 1983
Room 12, Drain East of
threshold of Room 8
Top plan 2
Bottom of 001



LEVELS

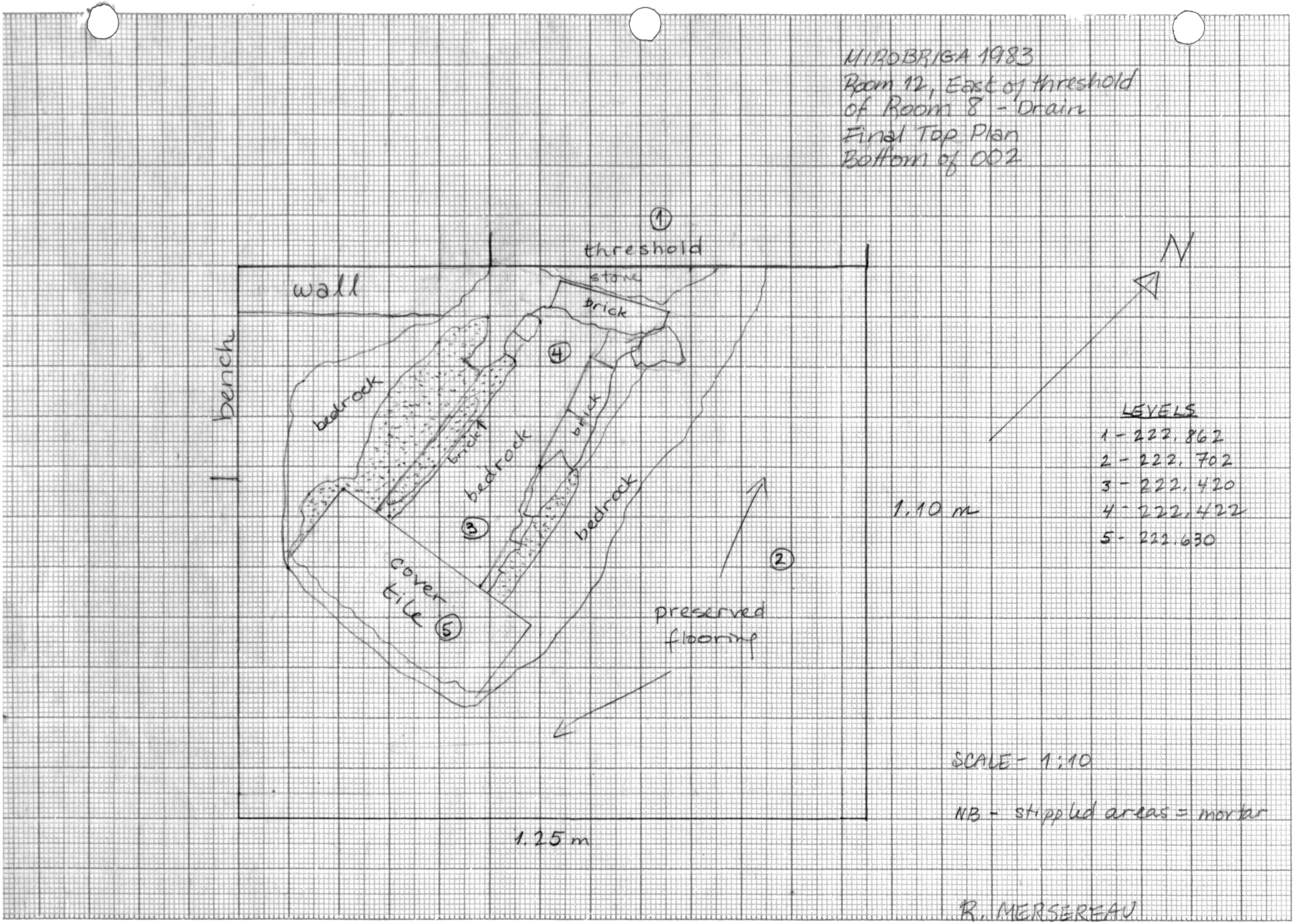
	ASL
1	222.862
2	222.702
3	222.627
4	222.627
5	222.627

N

SCALE - 1:10

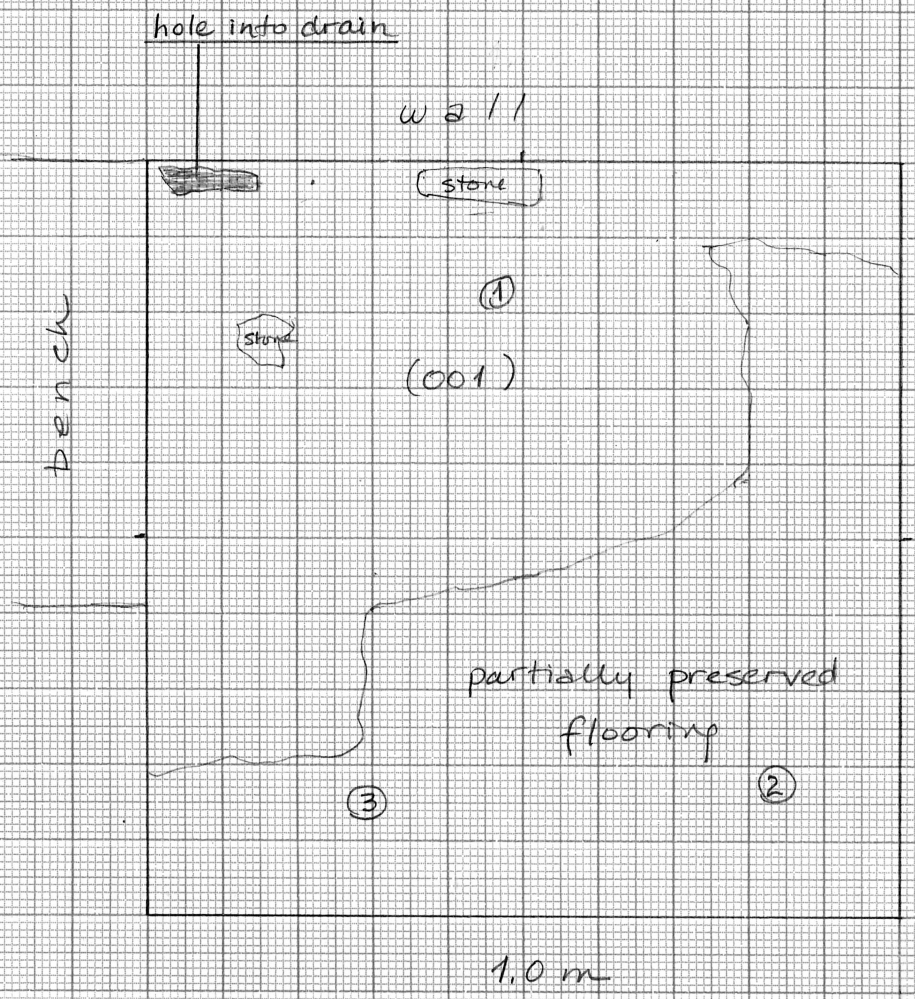
NB - stippled area = mortar

R. MERSEREAU



cover tile 0,04 cm thick

MIROBRIGA 1983
Room 12, Drain at West end of South Bench
Top plan 1
Top of .001



LEVELS

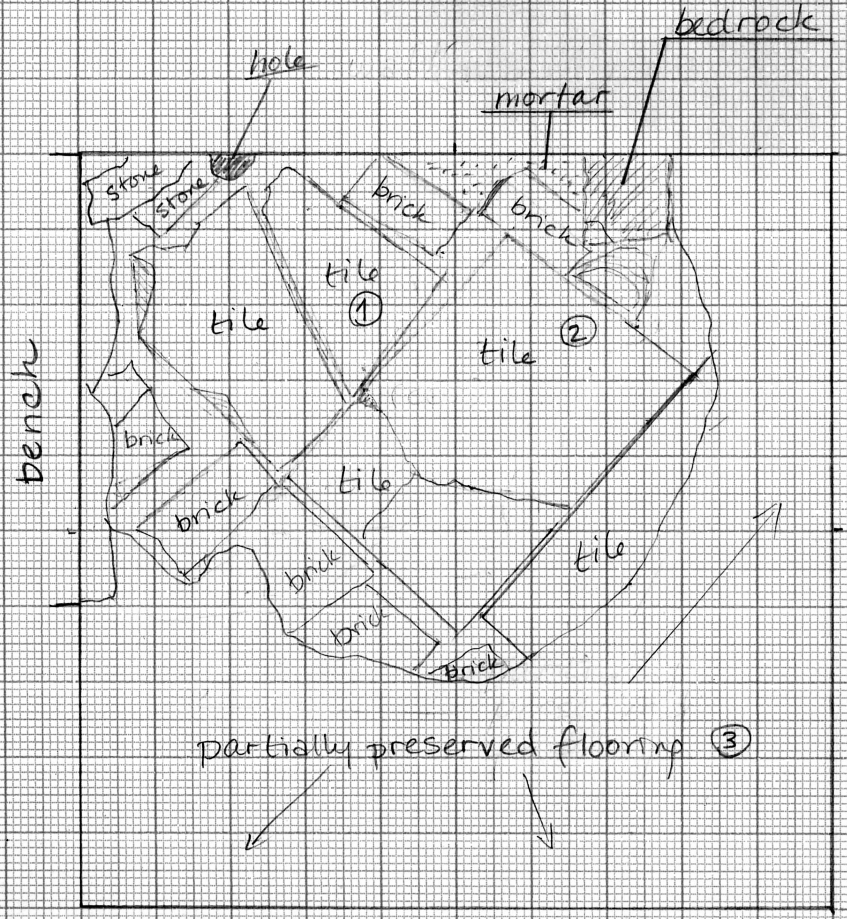
	ASL
1 -	222.587
2 -	222.632
3 -	222.588

N

SCALE 1:10

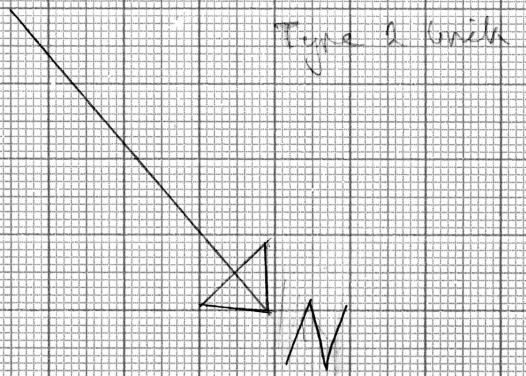
R. MERSEREAU

MIROBRIGA 1983
Room 12, Drain at
West end of South Bench
Top plan 2
Bottom of 001



LEVELS
ASL
1 - 222.372
2 - 222.417
3 - 222.588

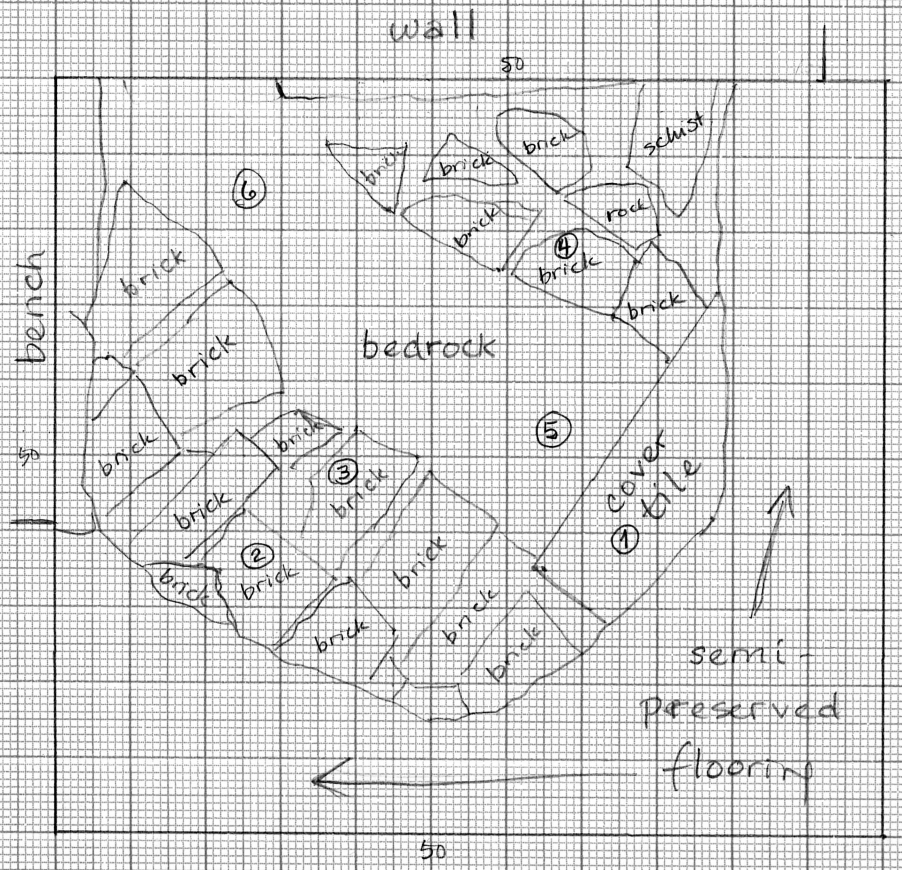
Type 2 brick



SCALE - 1:10

R. MERSEREAU

MIROBRIGA 1983
Room 12, Drain at West End of South Bench
Final Top Plan
Bottom of CO2



1.10 m

N

LEVELS

1 - 222.422
2 - 222.433
3 - 222.375
4 - 222.345
5 - 222.232
6 - 222.215

SCALE - 1:10

R. MERSEREAU

= D12 in publication

GENERAL IDENTIFICATION East Baths, Room 12 Locus No. D01

Date (s) 1983

Top levels 222.672 Top plan ✓ ; Bottom levels _____ Top plan _____

Sections _____ Drawn by architect _____ Photo Nos 83.7.35,36 83.8.42 83.8.29,30

PHYSICAL DATA

What is it made of ?: Earth, stones some large 0.20m. sandy patch 10 YR 5/4

What size particles ? _____ Color 7.5 YR 5/4

Features

Compass orientation ✓

___courses high; ___rows wide

Overall dimensions _____

How was it built ?:

Soil Layers

Direction & Degree of slope level

Degree of compaction : loose

Distribution of particles (e.g., random, laminated, graded bedding

random

STRATIGRAPHIC DATA

This Locus is below Loc. ✓ & is above Loc. cover tiles of drain and 002

Lateral extent _____ Max. thickness _____ Touches balk(s) _____

How does this Locus relate to all other loci it touches ?:

Later than dairy and 002

This Locus is contemporary with which loci mentioned above ?: NA

How was this Locus formed ?: fill washing in after floor of room had been destroyed.

001

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
2	July 5		5 tile frags, discarded	
		R →	2 joining frags 3 Gaulish TSH	#348 Hadrianic relief ware, Flavian-
			1 frag ARS 3rd-4th c - plate - discarded.	
		SDNR	~~7~~ v. thin unidentified joining frags CW :- rim - possibly post Roman	
			1 CW3 sherd → Discarded	
1	July 5		3 joining & two non-joining frags of White Alentejo CW bare	
Discarded →			2 frags CW3	
			3 frags Roman tile - discarded	
			1 unidentified coarse W with thin orange wash on exterior	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
		2	5 Bone frags - discarded
			1 glass sliver - modern discarded

GENERAL IDENTIFICATION East Baths, Room 12 Locus No. 002 = 011 (published as 011)
Date (s) 1983 1984

Top levels _____ Top plan _____; Bottom levels _____ Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of ?: silt, charcoal

What size particles ? fine Color Dark yellowish brown 10YR 4/4

Features

Compass orientation _____

___courses high; ___rows wide

Overall dimensions _____

How was it built ?:

Soil Layers

Direction & Degree of slope level

Degree of compaction : very compact

Distribution of particles (e.g., random, laminated, graded bedding

random

STRATIGRAPHIC DATA

This Locus is below Loc. 001 & is above ~~Loc.~~ bedrock

Lateral extent _____ Max. thickness _____ Touches balk(s) _____

How does this Locus relate to all other loci it touches ?:

Earlier ~~later~~ than 001 and later than drain

This Locus is contemporary with which loci mentioned above ?: None

How was this Locus formed ?: By ~~filling~~ silting up of drain — after it had gone out of use? or during use?

002

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
3	July 6		10 tile chips	discarded
4	July 6		18 chips & one sherd of CWF 3	
			1 tile frag	
			6 chips & one sherd of CWF 4	
			1 frag CWF 5	
			27 chips CWF 1 plus 2 joining rim frags & one body frag of a small jar of CWF 1	SDNR
			2 other ~~rim~~ rim frags of CWF 1	
			2 bases Sines cooking fabric	
5	July 7		3 joining frags & one non-joining of CWF 1	
7	July 7		16 frags of several CWF 1 vessels including one inturned plate rim	
			2 frags CWF 3	
R			1 african red slip rim, Hayes form 8, 1st 1/2 of 2nd c	# 347

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
		4	25 small bone frags. discarded 4 frags fr. shafts of bone pins
	M-38 B1-29	small lead square Bone pin, frag.	15 small colorless glass frags. 1 bronze bead?
	B1-28 M-39	Bone die 2 small metal discs	1 large iron nail 2 small iron nails 1 iron nail head
		discarded →	4 larger lumps of iron 20 v. small lumps of iron
1 bronze coin →		7	lead frag.; 4 glass frags, 3 joining;
C-53			6 bone frags & 15 bone chips - discarded

discarded { 8 frags plaster backing - discarded
19 small frags plaster + red paint. v. worn. 1 small frag + white

East Baths Room 12

GENERAL IDENTIFICATION

Locus No. 003
Date (s) 1983

Top levels [illegible] Top plan _____; Bottom levels [illegible] Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of ?: Mortar & brick frags - flooring groom.
large stones

What size particles ? _____ Color _____

Features	Soil Layers
Compass orientation _____	Direction & Degree of slope _____
___ courses high; ___ rows wide	Degree of compaction : _____
Overall dimensions _____	Distribution of particles (e.g., random, laminated, graded bedding
How was it built ?:	random

STRATIGRAPHIC DATA

This Locus is below Loc. _____ & is above Loc. _____

Lateral extent _____ Max. thickness _____ Touches balk(s) _____

How does this Locus relate to all other loci it touches ?:

This Locus is contemporary with which loci mentioned above ?:

Later than drain

How was this Locus formed ?:

003

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
6			No pottery	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
		6	1 frag wall plaster with black? paint

East Bath Room 12

GENERAL IDENTIFICATION

Locus No. 004
Date (s) 1983

Top levels _____ Top plan _____; Bottom levels _____ Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of ?:

What size particles ? _____ Color _____

Features

Compass orientation _____

___courses high; ___rows wide

Overall dimensions _____

How was it built ?:

Soil Layers

Direction & Degree of slope _____

Degree of compaction : _____

Distribution of particles (e.g., random, laminated, graded bedding

STRATIGRAPHIC DATA

This Locus is below Loc. _____ & is above Loc. _____

Lateral extent _____ Max. thickness _____ Touches balk(s) _____

How does this Locus relate to all other loci it touches ?:

This Locus is contemporary with which loci mentioned above ?:

How was this Locus formed ?:

fill of drain below wall

004

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
8			2 cwf sherds	Discarded

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification	
		8	2 frag modern glass 2 bone frag 1 lead frag	Discarded

Room 12, 1984

EAST Baths

SE TRench - Room 12

June · 14 · 84

MEASuring point : 222.883 m

1 m x 1.16 m Trench

MEASUREments before cleaning : N - 222.840 m
S - 222.837 m
E - 222.841 m
W - 222.838 m

After cleaning : N - 222.836 m
S - 222.837 m
E - 222.839 m
W - 222.833 m
*center : 222.829

The surface was covered by an accumulation of mud, tile frags & cement. (61 frags. of tile).
The floor had sunk towards the *center of the trench.
The floor is our Locus 001.

Photo : BW · 84 · 2 · 1 - Locus 001 from NE.

Locus 001 is composed of small tile frags. :
smaller : 2 cm² ; medium : 3x5 ; larger : 5 cm.

After removing Locus 001 we reached Locus 002 - floor packing made of small stones, schist, brick frags. of two types (or more), sand stone.

1st group : 2 frags width : 11.5 cm ; p. lenght : 15.5 cm
thickness : 4 cm

2nd group : 31 frags of unidentifiable type, estimate size :
(Total of 2 buckets) p. lenght : 14 cm - 9 cm, p. width : 10 cm - 7.5 cm
thickness : 4.5 cm - 4 cm.

3rd group : 93 frags of long, thin bricks : width : 6.5 cm -
(4 1/2 buckets) - 7 cm ; p. lenght : 15 cm - 17 cm
thickness : 4 cm. (Type 9?)

In this packing layer we also found 1 marble frag.
p. lenght : 6.5 cm ; p. width : 3.5 cm ; thickness : 2 cm

Meas. from top of Locus 002:

N corner: 222.835 m
S corner: 222.833 m
E corner: 222.838 m
W corner: 222.827 m

center: 222.826 m

Basket 1: Small grass frag.

June. 15. 84

Top of Locus 003: N - 222.822 m
S - 222.820 m
E - 222.823 m
W - 222.821 m

Locus 003: 2nd layer of packing: schist, brick frag. sandstone (deteriorating in the area between SW balk & S corner & due to a higher level of humidity of the earth).

Basket 2: 14 COARSE WARE sherds (+ two fresh breaks) (two marble frags)

When clearing this layer we found what appears to be the foundation for the colimn that stands in the NE side of the trench. this new element measures 20 cm from NE balk & is made of schist, limestone & sandstone with a layer of cement on top.
A top plan (no 1) was made of it.
After further clearing of this socle it looked to if the desintegrated sand stone referred to on Locus 002 was covering this area. (why?)
we decided to refer to both elements as:

Locus 004 - layer of sandstone on NE side of the trench

Locus 005 - Socle (or wall? (Mrs. Biers))

Basket 3 (Locus 003): 7 sherds (incl. A sigillata lim)

June. 18. 84

Top of Locus 005: E corner: 222.883 m
N corner: 222.820 m

We reached a new packing layer designated as Locus 006: small pebbles, few schist, patches of mortar, 2 tile frags.

Top of Locus 006 : N corner : 222.809
S " : 222.809
E " : 222.805
W " : 222.809

Basket 4 : various coarse ware sherds, some Sigillata sherds (one with stamp).

After trench : N corner : 222.796 m
S " : 222.801 m
E " : 222.797 m
W " : 222.800 m

Basket 5 : glass frags.

This locus continued to the bedrock. It showed a great increase in the amount of sherds that appeared mainly in the area between SE & SW walls.
On the S corner of the trench under the bench, we found a piece of tile lying flat & apparently in connection with a rock & a piece of tile on the SE wall, as it lines up with both these elements.

Bottom Locus 006 : N corner : 222.~~[illegible]~~ 008 m
S corner : 222.792 m
E " : 222.797 m
W " : ~~[illegible]~~ m 221.993 m

Photos : BW.84.3.4 : from NE & Above.
BW.84.3.5 : from SW.

June 19.84

1st extension of the trench :

0.50m from NW balk
2.20 m along NW balk
0.96 m along NE balk
0.58 m towards the column.

Locus 001 - reached after surface cleaning (3 tile frags.)

top : N corner : 222.837 m
S " : ——
E " : 222.831 m
W " : 222.837 m

Locus 002: mortar, earth, bricks:
2nd group type: 56 frags (2 1/2 buckets)
3rd group type: 25 frags (1 bucket)
3 frags. of Tile.

top:
N - 222.827 m
W - ~~222.836~~ m 222.836 m
E - ~~222.825~~ m 222.825 m

Locus 007: touching Locus 002, but mainly schist, same level.

Photo: BW. 84. 3. 9 : Locus 002 & 007 from SW.

After removing Locus 002 it was clear that the area close to it, at first denominated 007, is in fact a continuation of Locus 003.
So Locus 002 is probably a patch laid to repair the sunken area we dipped to previously. The slope is still noticeable on top of Locus 003 (NW wall) which accounts for Locus 003 different level in relation to the area formerly called 007.

Basket 6: 2 coarse ware sherds

Locus 003: levels on top plan 2. - NE side trench this locus is referred to to L. 008

Basket 7: 6 coarse ware sherds.

June. 20. 84 (NW side of trench)

Locus 003: same composition

Locus 005: further clearing proved this is a wall.

Locus 004: desintegrated sandstone is part of Locus 005 as it seems to be a layer that was put on top of L. 005.

Locus 008 (NE? side of Locus 005)

N: 222.826 m
S: 222.823 m
E: 222.821 m
W: 222.835 m

Photo: BW. 84. 3. 12 : Locus 005 + Locus 008 from NW.

Locus 003 : NW side of L. 005.

Bottom : N. 222.803 m
S. 222.802 m
E. 222.803 m
W. 222.804 m

Basket 8: 13 COARSE WARE sherds + 1 Sigillata sherd

Locus 006 : Basket 9 : 8 COARSE WARE sherds.
2 Sigillata sherds.

June. 21. 84

Locus 006: Basket 10 — 19 COARSE WARE sherds.
1 sigillata sherd.

Bottom : N - 222.793 m
W - 222.793 m

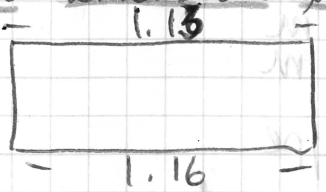
NE side Locus 005:

Locus 008 : parallel to bedrock. same constitution of Locus 003 (NW side L. 005)

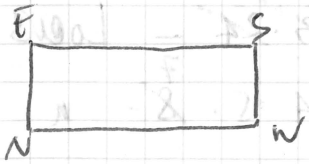
Bottom: NW: 222.801 m
NE: 222.803 m

Photo : BW. 84. 31. 20-21 : FROM NE.

Second extension trench



Top Locus 001 :



N: 222.839 m
S: 222.843 m
E: 222.843 m
W: 222.839 m

L. 001 - same constitution

Bottom : N: 222.837 m
S: 222.836 m
E: 222.835 m
W: 222.835 m

Locus 002: 1st packing layer

Basket 11: bronze coin found 13 cm from NE wall corner (wall with column), 44 from SE. Level: 222.832 m

Photo: BW. 84.3.20 : from NW

the coin was in a non-disturbed area under bricks from first packing layer.

Basket 11: glass frags.

Bottom: N. ~~222.835~~ cm 222.827 m
S.
E. 222.835 m
W. 222.829 m

Bricks - 3rd group type: 35 frags (2 buckets)
2nd group type: 48 frags (3 buckets)

Locus 003: same constitution.

Basket 12: coarse ware sherds (1 with black glaze)
" : shell.

June 22.84

Locus 003: Bottom: N. 222.819 m
S. 222.819 m
E. 222.817 m
W. 222.813 m
center: 222.816 m

Locus 009: different packing type.

Photo: BW. 84.3.~~23~~ 22.~~24~~ 23 - Locus 009 from NE

Color: C. 84.5.~~8~~ 7 - " " " NE.

Locus 009: use of different brick type - reuse of bricks from another floor?

Bricks - 37 frags (2 buckets 1/2) of which:

12 larger frag: p. lenght: 26 cm ; p. width: 15 cm
thickness: 5 cm

smaller bricks: p. lenght = 12-14 cm ;
P. width: 13 cm ; thickness: 4 cm.

BASket 13: COARSE WARE sherds.

Bottom L.009 : N. 222.799 m
S. 222.795 m
E. 222.799 m
W. 222.800 m

Locus 010

Note : occupying half of 2nd extension trench is A big flat stone, part of which is still under elements of other layers in which the bench is resting & therefore unremovable.

L. 010 ~~occupies~~ 49 cm from S corner.
42 cm from SW wall.

no pottery.

L. 006: close to Locus 005 (NE) & touching L.010, 17 cm AWAY from SE wall due to A large stone. - L.010

Photo: BW. 84 · 3 · $\frac{24}{25}$: top of locus 006 & 010 from NW.

Bottom Locus 006: N. 222.796 m
S. 222.791 m
E. 222.792 m
W. 222.796 m

BASket 14: COARSE WARE & Sigillata

L.004 - did not continue

L.005 - continues All the way to SE WALL where it reaches a higher level with two brick on top (PART of the WALL?)

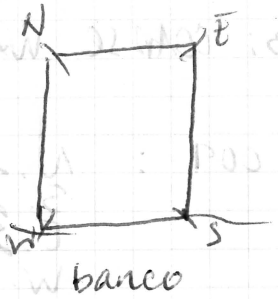
L.005 - normal level: 222.823 m
higher level: 222.836 m
222.837 m

Photo: BW·84-3·$\frac{21}{22}$: 2nd extension from NW

25 June 84

New trench IV : 1.60 x 1m

levels: N. 41 cm
S. 43cm
E. 43 cm
W. 40cm



need absolute levels from locus sheets

L.001 - SAme constitution

BAsket 15 - COARSE WARE sherds

Locus 002.

Top levels: N. 44 cm
S. 48 cm
E. 47 cm
W. 46 cm

Identical : ~~66~~ brick & tile frags. (2 1/2 buckets) (2nd group,
34 brick frags. (group 3) (1 bucket)

Bottom levels: N. 54cm
S. 57cm
E. 55 cm
W. 56 cm

BAsket 16 : COARSE WARE frags.

Locus 003 identical

Basket 17: COARSE WARE

~~Bottom~~ levels: N. 88cm
S. 86cm
E. 88cm
W. 86 cm

L.005 : 25 cm from NE balk : touches NW & SE balks.
45 cm : width

levels: NW balk : 53 cm
SE balk : 55cm

two big flat stones covered with schist & cement (MORTAR) ~~resting~~ rest on L.003 packing. Thickness of all structure: 15cm. Then do not go further down. (?)

26 June 1984

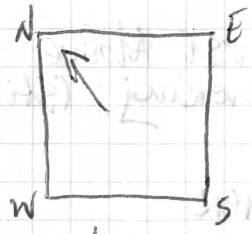
Trench V - Room 12 (close to entrance)

NW side of Room 12 (?)

1.60 x 1.m

Levels

N. 34 cm
S. 37cm
E. 36cm
W. 38cm



banco

Basket 18 : floor

Need absolute levels from 10cm sheets

27 June

Loevs 001 - floor - same constitution

Loevs 002 : same : 34 frags (1 bucket) tile & brick (2nd g.) 1 brick (3d gr.)
Bottom levels : N. 46cm
S. 47cm
E. 47cm
W. 46cm

Basket 19 : coarse ware frags.

Loevs 003

reached level : N. 63 cm
S. 63cm
E. 66cm
W. 64cm

Basket 20 : sigillata + c.w

After lunch:

B. 21 : 3 coarse w. frags.

Loevs 005 : 94 cm from bench
width : 47cm

Built against bed rock. Surface covered with flat bricks.
29 cm x 20 cm : thickness : 4cm
Continues down through Loevs 003 - till bed rock?

Trench VI

lenght : 1.70 m ; width : 1.45 m

top levels : N. 34cm
S. 40cm
E. 33cm
W. 38cm

Loevs 001 floor

B. 22 : weight, ~~[illegible]~~

Locus 002: same contents: 75 brick & tile frags (2b. 1/2) (type 2)
6 small bricks (type 3)

Bottom levels: N. 40cm
S. 47cm
E. 42cm
W. 57cm (top of drain)

Basket 23: 4 rims — just above Locus 005's earth covering. (still part of 002)

Locus 005 - the wall's corner

Photo: BW 84.4. ~~13~~ 32, ~~14~~ 33. ~~15~~ : 13-14 - wall from SW. Trench V & VI
84.5. 9, 10, 11 15 - drain from SW.

After the corner the wall is cut by the drain that crosses the trench from NW to W corner.

28 June

Trench IV: reached bedrock

levels: N. 90 cm
S. 92cm
E. 90cm
W. 90cm

Basket 24: L.003: coarse ware, 2 frags. sigillata.

Trench V & VI: Locus 003: no alteration to same L. on other trenches.

T. VI: An apparently diff. type of filling was noticed between the wall cutting & edge of the drain. When uncleared it proved to be the same type of packing only with some more mortar. & it showed that only the top bricks of L. 005 had been cut.
The material collected here is referred to as B.26.

B.25 - previous cleaning of Trench's surface.

B.27 - material from L.003 Trench V & VI | Levels to drain
Levels: to bedrock - N. 76cm E. 80cm | NW - 50 cm
S. 79cm W. 75 cm | SW - 57 cm

29 June 84

Drain - Trench VI

EARTH - very compact - carbons, frags. of brick or tiles, bones, sherds, bone pin.

BASket 28 : sherds, bones, bone pin.

0.40 m x 0.30 m
thickness: 0.16 m

Dimens. bricks covering the drain: 0.46 x 0.32 ; thickness: 0.05 m

Final Photos
B+W 84.5. 12 – 17
Color 84.8. 3 – 8, 14 – 17, 19

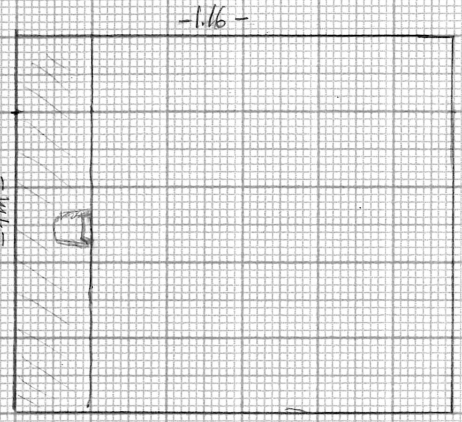
East Baths
Room 12
SE Trench

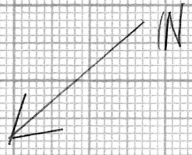
Trench I

scale 1:20

Top plan 1 -

Scale 1:20





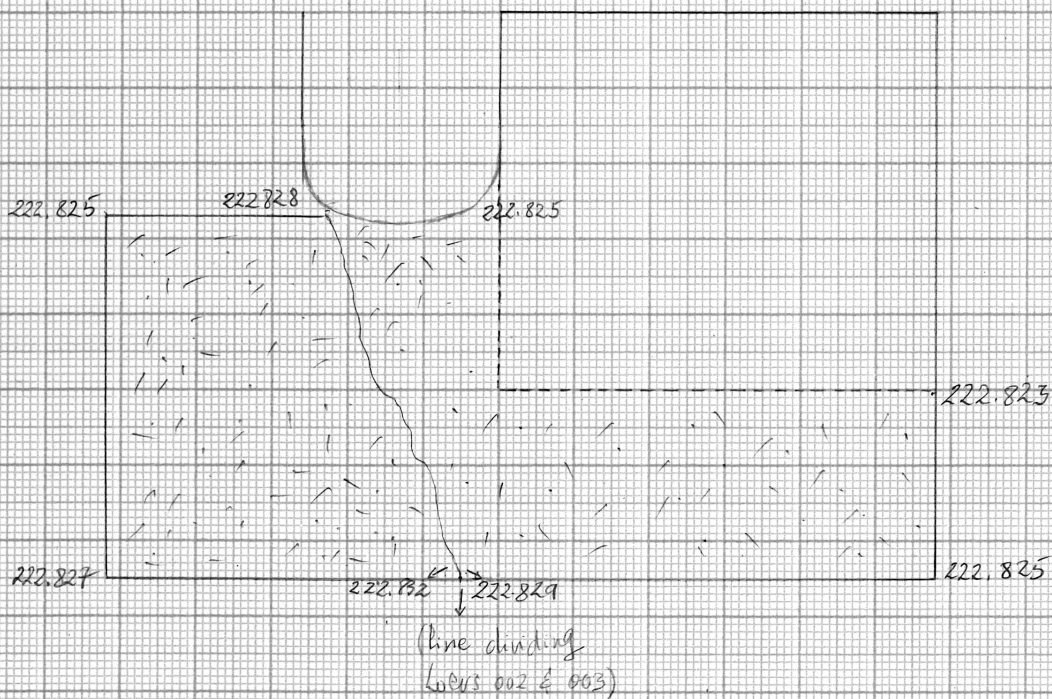
June-19-84

1: schist

Extension of SE Trench (Trench II)

Top plan n°2 :

Locus 003



East Baths
Room 12
St Trench

Trenches I, II & III

Scale 1:20

Top plan
#3

wall plaster
schist
MORTAR
brick
stone

East Baths
Room 12
St Trench

Jun[illegible]/84

43cm do prego
Até nível
001

Stone

xisto & earth & shards

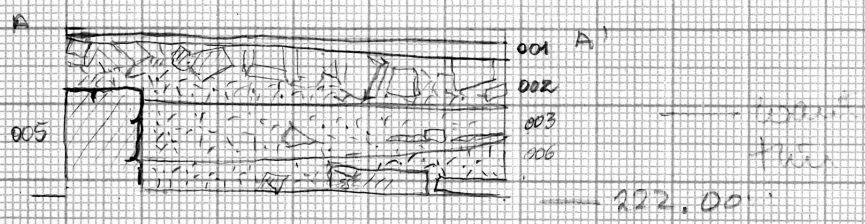
xisto & earth & sand stone

schist

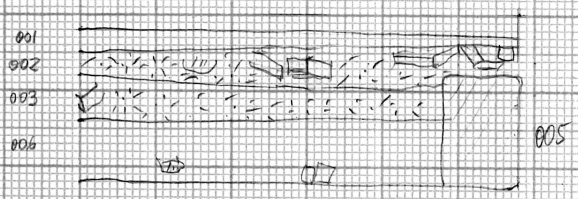
June 18/84

CROSS SECTION 4
SE WALL

1:20



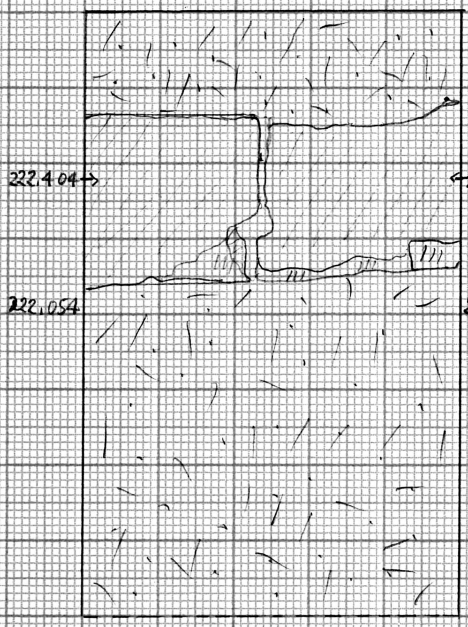
CROSS SECTION
NW wall



IMBRANT
1:20

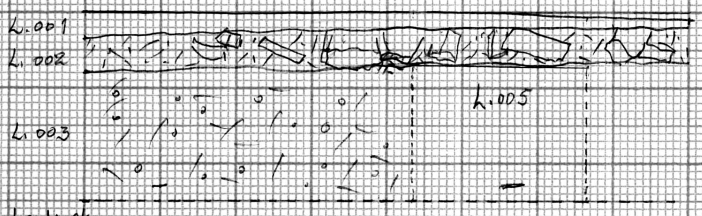
EAST Baths
Room 12
Trench IV
Top plan 4
scale .20
1:20

M mortar
St stone
Sch schist
schist, earth, stones, pottery

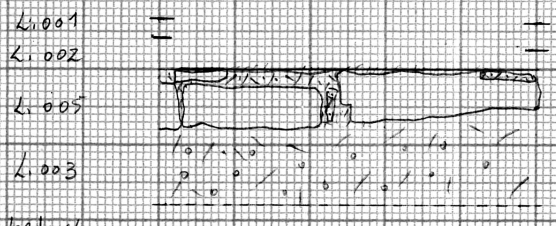


CROSS sections

NW wall



NE WALL

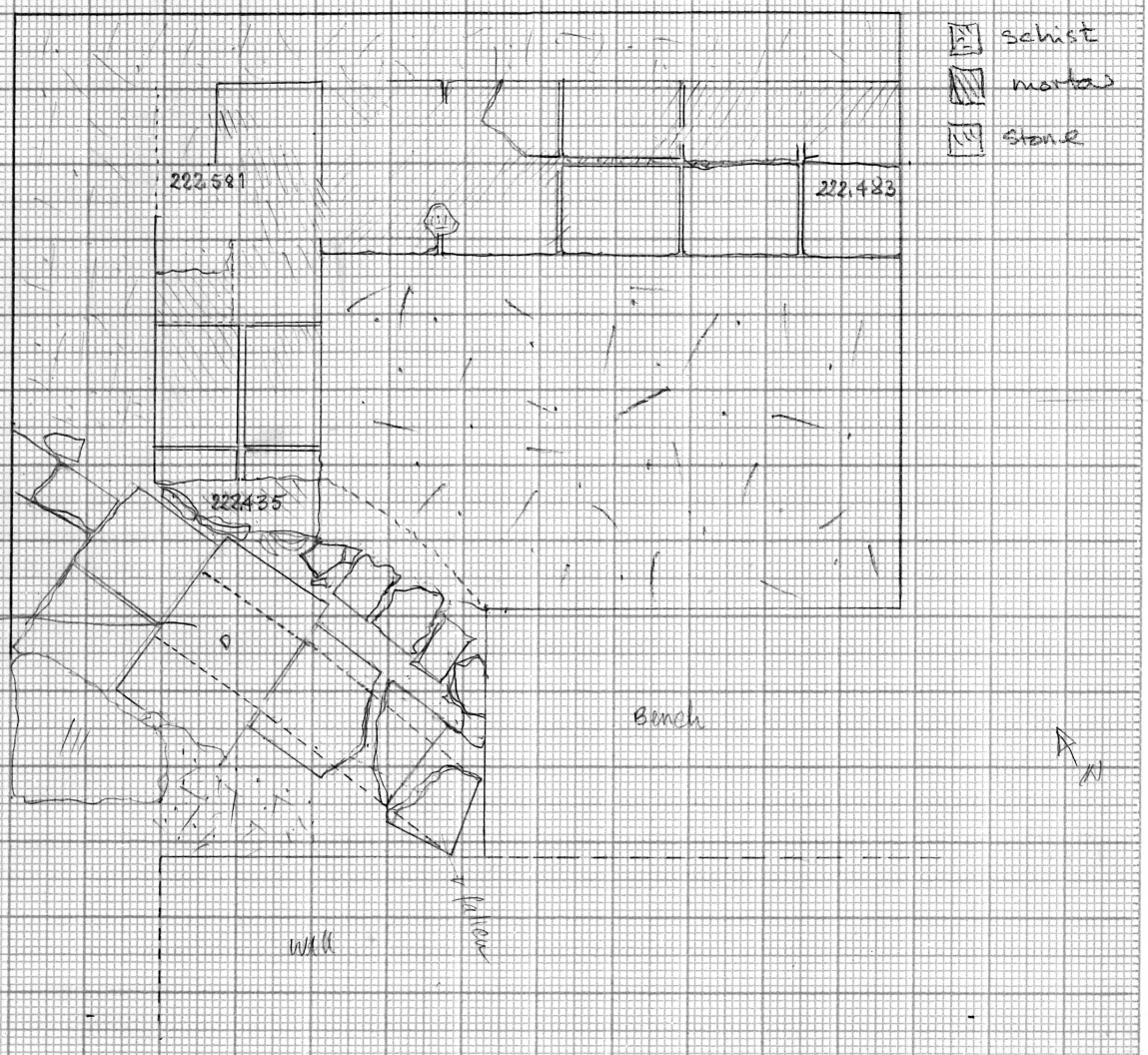


EAST Baths
Room 12
Trench V & VI
Scale 1:20

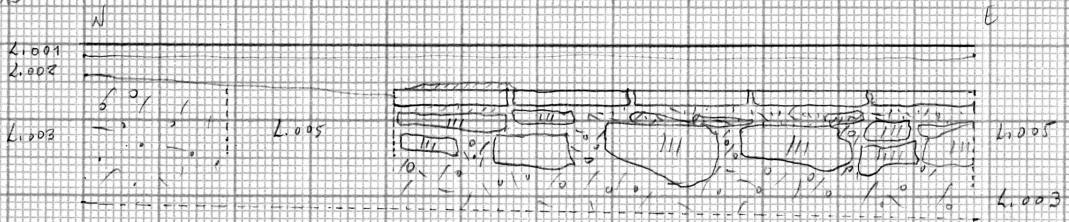
schist
mortar
stone

Top plan
5

drain



Cross sections
NE WALL



EAST BATHS – ROOM 12
SE TRENCH, 1st, 2nd ext., [illegible]

GENERAL IDENTIFICATION

Locus No. 001
Date(s) 14 of June 84

measuring point : 222.883 m
N. 222.836
S. 222.837
E. 222.839
W. 222.833

N. 222.835
S. 222.833
E. 222.838
W. 222.827

Top levels W. 222.833 Top plan _____; Bottom levels W. 222.827 Top plan _____

Sections _____ Drawn by architect _____ Photo No. BW-84-2

1. view of Locus 001 from NE (SE Trench), [illegible]

PHYSICAL DATA

What is it made of? floor surface made of tile or brick frags. + cement.

What size particles? small: 2 cm², medium: 3x5 larger: 5 cm (different shapes) Color _____

Features

Compass orientation _____

___courses high; ____rows wide

Overall dimensions _____

How was it built?

Soil Layers

Direction & degree of slope _____

Degree of compaction _____

Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. – surface – and is above Loc. 002

Lateral extent 1m x 1.16 m Max, thickness 6 cm Touches balk(s) All

How does this Locus relate to all other loci it touches?
Locus 001 is the floorsurface of Room 12. It shows the same comparition in all the areas that were dug.

This Locus is contemporary with which loci mentioned above?

How was this Locus formed?

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

EAST Baths - Room 12
Trench IV

GENERAL IDENTIFICATION

Locus No. 001
Date(s) 25 June

Mets. point: 229.943
N. 229.902
E. 229.900
W. 229.903
levels corrected

Top levels _____ Top plan ✓ ; Bottom levels N. 229.899 S. 229.895 E. 229.898 W. 229.897 levels corrected Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of? same constitution of Locus 001 in all trenches.

What size particles? _____ Color _____

Features

Compass orientation _____

___courses high; ____rows wide

Overall dimensions _____

How was it built?

Soil Layers

Direction & degree of slope _____

Degree of compaction _____

Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. — and is above Loc. 002

Lateral extent 1.60 x 1 m Max, thickness 0.05 m Touches balk(s) All

How does this Locus relate to all other loci it touches?
Locus 001 - floor surface

This Locus is contemporary with which loci mentioned above?

How was this Locus formed?

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
15	25 June		3 frags of unidentified COARSE WARE	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

EAST Baths - Room 12
Trenches V & VI

GENERAL IDENTIFICATION

Locus No. 001
Date(s) V - 26 June
VI - 27 June

measuring point: 222.970
N. 222.936
S. 222.930
E. 222.934
W. 222.906

Top levels N. 222.930 S. 222.923 E. 222.928 W. 222.919 Top plan _____; Bottom levels _____ Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of? Same constitution in All trenches

What size particles? _____ Color _____

Features	Soil Layers
Compass orientation _____	Direction & degree of slope _____
___courses high; ____rows wide	
Overall dimensions _____	Degree of compaction _____
How was it built?	Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. _____ and is above Loc. 002

Lateral extent 2.34 x 1.70 m - total T.V - originally - 1.60x1m Max. thickness 98cm Touches balk(s) all

How does this Locus relate to all other loci it touches?

L.001 - floor

This Locus is contemporary with which loci mentioned above?

How was this Locus formed?

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
T.VI 22	27 June		- weight	800
T.V 18	26 June		- 1 Roman Amphora lower handle Attachment (1st - 2nd c.?)	
			- 1 piece of White Ware (c.w. 1)	
			- 1 frag. of coarse w. 3	
			- 1 frag. of coarse w. 4	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

East Baths - Room 12
SE Trench, 1st & 2nd ext.;

GENERAL IDENTIFICATION

Locus No. 002
Date(s) 14 June 84

Top levels N. 222.835 S. 222.833 E. 222.838 W. 222.827 Top plan _____; Bottom levels N. 222.822 S. 222.820 E. 222.823 W. 222.821 Top plan _____

Sections _____ Drawn by architect _____ Photo No. 1st ext: BW. 84.3.10 ; Locus 002 & 007 SW.

PHYSICAL DATA

What is it made of? small stones, schist, sandstone, various sized pieces of bricks & tiles.

What size particles? _____ Color _____

Features	Soil Layers
Compass orientation _____	Direction & degree of slope _____
___courses high; ___rows wide	
Overall dimensions _____	Degree of compaction _____
How was it built?	Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. 001 and is above Loc. 003

Lateral extent 1M x 1.16M Max, thickness _____ Touches balk(s) All

How does this Locus relate to all other loci it touches?
Locus 002 is the packing for the floor, composed of bricks mainly. The SE Trench showed a much higher number of bricks than the other areas. (6 1/2 buckets) 1st extension: 3 1/2 buckets; 2nd extension: 5 buck. (Trench IV: 3 1/2 buckets; Trench V: 1 bucket; Trench VI: 2 1/2 buckets.)

This Locus is contemporary with which loci mentioned above?
In Locus 002 of 2nd ext. Trench was found a bronze coin.

How was this Locus formed?
Locus 002 was formed by scattering bricks all over the ground area of R. 12, as the last layer of packing for the floor.

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
1	14 June		glass frags	
(xii ext.) ~~11~~				
6	14 June		- 1 frag c.w. 3	
			- 1 unidentified chip	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
1	~~[illegible]~~ G33	~~[illegible]~~	glass frags.
B. 11	C-56		bronze coin
B. 11		G-36	glass frags

EAST Baths - Room 12
Trench IV

GENERAL IDENTIFICATION

Locus No. 002
Date(s) 25 June

Top levels N.229.899 S.229.895 E.229.896 W.229.897 Top plan _____; Bottom levels N.229.891 S.229.886 E.229.888 W.229.887 Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of? bricks, schist, earth, stones

What size particles? 100 brick frags. of different types & sizes (3 1/2 buckets) Color _____

Features	Soil Layers
Compass orientation _____	Direction & degree of slope _____
___courses high; ____rows wide	
Overall dimensions _____	Degree of compaction _____
How was it built?	Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. 001 and is above Loc. 003

Lateral extent 1.60 x 1 m Max, thickness 10 cm Touches balk(s) N/A

How does this Locus relate to all other loci it touches?
L.002 is the last layer of packing for the floor.

This Locus is contemporary with which loci mentioned above?

How was this Locus formed?

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
B. 16	25 June		- 1 frag of the mouth of	
			A hole mouth jar	
			- 1 white Alentejo, large	
			jar with everted lim	
			- 2 non joining frags of	
			A tile (?)	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

EAST Baths - Room 12
Trenches I & VI

GENERAL IDENTIFICATION

Locus No. 002
Date(s) 27 June

N.222.930
S.222.923
E.222.928

Top levels W.222.919 Top plan _____; Bottom levels [illegible] Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of? same constitution : total of 112 brick frags. (3 1/2 buckets)

What size particles? _____ Color _____

Features	Soil Layers
Compass orientation _____	Direction & degree of slope _____
___courses high; ____rows wide	
Overall dimensions _____	Degree of compaction _____
How was it built?	Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. 001 and is above Loc. 003 - 005

Lateral extent 2.34 x 1.70 m Max, thickness 11cm Touches balk(s) All

How does this Locus relate to all other loci it touches?
L.002 is the last layer of packing for the floor.

This Locus is contemporary with which loci mentioned above?

How was this Locus formed?

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
T.V 19	27 June		-1 white ware MORTAR Rim, probably imported R	798
			- 1 imported white ware sherd	
			- 1 shoulder of a Roman lamp of the last quarter of 1st c. OR later R	799
			- 1 possible Amphora frag.	
T-VI 23	"		- 1 Amphora rim like 83 P. 318	
			- 1 wall frag. of an Amphora	
			- 1 tile frag	
			- 1 COARSE w. ware with complete wall profile & rim R	801
			- 1 Rim as 84 P. 792	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

East Baths - R. 12
SE Trench, 1st, 2nd ext; ~~Trench I, V, VI~~

GENERAL IDENTIFICATION

Locus No. 003
Date(s) 15 June 84

Top levels W. 222.821 (N. 222.822, S. 222.820, E. 222.823) Top plan _____; Bottom levels E 222.805 (N222.809, S. " , W. 222.809) Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of? schist, brick frags., sandstone

What size particles? _____ Color _____

Features

Compass orientation _____

___courses high; ____rows wide

Overall dimensions _____

How was it built?

Soil Layers

Direction & degree of slope _____

Degree of compaction _____

Distribution of particles (e.g., random, laminated, graded bedding)
laminated

STRATIGRAPHIC DATA

This Locus is below Loc. 002 and is above Loc. 006

Lateral extent _____ Max, thickness _____ Touches balk(s) All

How does this Locus relate to all other loci it touches?
Locus 003 is the 2nd layer of packing for the floor;

This Locus is contemporary with which loci mentioned above?

How was this Locus formed?

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
2	15 June	222.822	~~Roman coarse sherds~~	
			- 10 frags COARSE W. 3	
			- 2 joining & 1 non joining frag of the btze of A COARSE W. 4? jrg	
			- 1 frag. of COARSE W. 4	
			- 2 chips of White Alentejo (COARSE W. 1)	Nothing precisely datable
3	15 June		1 frag. Sines cooking WARE with wheel ridging	
			40RG frags incl. 4th inverted lim of an imported cooking pot. (Early Roman)	#773
			1 Rim Terra Sigillata Hispanica form: Drag 25/27, (1st c?)	#772
see L. sheet IV	17		- 3 joining frags of lower back of an Italian glazed lamp (1st to 2nd c.)	#779
			- 2 pieces of COARSE W. 2	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

Sq 6, 7, 8 - 2nd - 12

Rm 12
Locus 003

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
8	20 ~~21~~ June	003	- 1 rim of Terra sigillata Hispanica	# 785
			- 11 frags. of c.w. 3	
			- 2 frags of c.w. 4	
7	June 19th	0	- 5 frags. c.w 3	
			- 2 coarse w 2 cooking pots	
12	21 June		- 1 frag. of fine cooking fabric	
			- 1 frag. prob. lower body of black thin walled vessel (B.4)	
			- 2 frags. c.w. 3	
			- 5 joining & non joining frags of an imported white ware pitcher shoulder R	802
			- 1 frag. c.w 4 (?)	
			- 1 chip of campana A	
			- 3 non joining frags of 1 1st c. Roman lamp like all the others	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

East Baths - Room 12
Trench IV

GENERAL IDENTIFICATION

Locus No. 003
Date(s) 25 June & 28 June

Top levels N.229.889 W.229.887 E.229.883 Top plan _____; Bottom levels NW.222.057 SW.222.037 Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of? schist, sherds, earth

What size particles? _____ Color _____

Features	Soil Layers
Compass orientation _____	Direction & degree of slope _____
___courses high; ____rows wide	
Overall dimensions _____	Degree of compaction very compact
How was it built?	Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. 002 and is above Loc. bedrock

Lateral extent 1.60 x 1 m Max, thickness 35 cm Touches balk(s) All

How does this Locus relate to all other loci it touches?
In trench IV Locus 003 is the last layer of packing for the floor.

This Locus is contemporary with which loci mentioned above?

How was this Locus formed?

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
17	25 June		- 3 joining frags of the lower handle of	
			An Italian glazed	
			lamp (1st-2nd c.)	# 779
			- 2 pieces of coarse w. 4	
24	27 June		- 2 non joining frags of Gallish Sigillata (1st c.)	
			- 1 frag. Sines cooking ware	
			- 1 frag. of black slipped thin walled vessel	
			like Trenches VI & II B 27 (Also L.003)	
			- 8 frags of coarse w. 3.	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

EAST Baths - Room 12
Trenches V & VI

GENERAL IDENTIFICATION

Locus No. 003
Date(s) 27 - 28 June

N. 222.894
S. 222.892
E. 222.890
W. 222.888

Top levels _____ Top plan ✓ ; Bottom levels _____ Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of? Same constitution As in other trenches

What size particles? _____ Color _____

Features	Soil Layers
Compass orientation _____	Direction & degree of slope _____
___courses high; ____rows wide	
Overall dimensions _____	Degree of compaction _____
How was it built?	Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. 002 and is above Loc. bedrock

Lateral extent 0.76 m x 1.52 m Max, thickness 0.44 m Touches balk(s) SE, SW & L.005

How does this Locus relate to all other loci it touches?
L.003: last layer of packing for the floor, that fills the space between bedrock / floor surface left by presence of L.005 on Trench VI An APPARENTLY different type of packing was noticed between the wall cutting & edge of the drain. Its clearing proved that this was still L.003 only with more mortar - therefore, no distinction was made in this area

This Locus is contemporary with which loci mentioned above?
when the drain was cut. The material collected - ref. to as B.25 - should however be considered as possible contamination.

How was this Locus formed?

25, 26, 27

POTTERY

	Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
T.V	20	27 June		- 1 frag. of gaulish sigillata	790
				- 1 Rouletted thin walled ware - micaceous	
				grey fabric with black	
				& grey inclusions, very	
				little white	
				- 1 coarse ware base unidentifiable	
				- 1 coarse w. 4 (?) jar	
				rim, probably Roman	
				in date	
T.V	21	"		- 2 frags. coarse w. 3	
				- 1 everted rim probably c.w. 4	
	27	"	003	28 frags c.w. 3 + 2 with red slip on the inside	
				from closed vessels	
				- 13 joining & non-joining frags of base of a pot	
				of sines cooking ware	
				- 4 non joining frags of another wall frag. of same fabric	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

East Baths - Room 12
Trench V, VI

Locus 003

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
27	27 June		- 2 cooking pots probably c. w. 4	
			- 1 rim of an imported or very fine Sines cook. fab. white w. jar (?)	
			- 8 joining & non joining frags of the 2nd imported white w. small vessel	
			- 1 ~~imported~~ white Alentejo coarse ware (mortar ?) or semicircular plate rim	
			- 8 non joining frags of an imported black slipped thin walled cup. (1st c. ?)	
			- 1 Roman lamp's shoulder no earlier than late 1st c.	
			- joining frags & the non joining base with graffito M of an imitation Ha 12 with A groove inside the rim R	#803
			- 1 gaulish rim of Drag. 18 R #804	Neronian to Early Flavian (?)
			- 1 gaulish rim with barbetine Drag 33 ? R	#805
			- 1 gaulish rim R	#806
			- 6 more Sigillata (gaul.) sherds	
			- 5 unidentified sherds	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

East Baths - Room 12.

Trench E VI

Locus 003

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
25	27 June	003	- 1 rim terra Sigill. gallica Drag. 18 ?	
			- 3 frags of c.w. 3	
26	"		- 7 joining frags. of an indent. f. c. w. ringfoot	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

East Baths - Room 12
SE Trench, 1st, 2nd ext., Trenches [illegible]

GENERAL IDENTIFICATION

Locus No. 004
Date(s) 15 June 84

Top levels 222.327 Top plan ✓; Bottom levels _____ Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of? layer of sand stone

What size particles? _____ Color _____

Features	Soil Layers
Compass orientation _____	Direction & degree of slope _____
___courses high; ____rows wide	
Overall dimensions _____	Degree of compaction _____
How was it built?	Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. 003 and is above Loc. 005

Lateral extent _____ Max, thickness _____ Touches balk(s) N, E, W.

How does this Locus relate to all other loci it touches?
Locus 004 is a layer of sandstone on top of Locus 005 but not throughout all its surface. It is only visible on SE Trench. (On Trenches IV, V VI this locus is not represented.)

This Locus is contemporary with which loci mentioned above?

How was this Locus formed?

No pottery

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

East Baths - Room 12
SE Trench, 1st & 2nd extensions,

GENERAL IDENTIFICATION

Locus No. 005
Date(s) 15 June 84

Top levels 222.326 Top plan √ ; Bottom levels _____ Top plan _____

Sections _____ Drawn by architect _____ Photo No. BW. 84.31.21-22 : Locus 005 from SE

PHYSICAL DATA

What is it made of? WALL : schist, lime stone, bricks, cement

What size particles? _____ Color _____

Features	Soil Layers
Compass orientation _____	Direction & degree of slope _____
3 courses high; ____ rows wide	
Overall dimensions W. 0.48-0.50	Degree of compaction _____
How was it built? Lowest course large stones, small schist etc. above; brick course above that	Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. _____ and is above Loc. _____

Lateral extent 1M X 0.20M Max, thickness _____ Touches balk(s) NE, W.

How does this Locus relate to all other loci it touches?
Locus 005 is the WALL. It was used on SE Trench 1st ext. as part of the base of a big column. SE Trench; 1st ext. : the wall is set into the 2nd layer of packing (L.003) on both sides. Trench IV, V, VI : it was built against the small stone. on Trench VI it curves towards SE. It was cut because of the drain

This Locus is contemporary with which loci mentioned above?
that crosses Room 12 in this area. L.005 shows on 2nd ext. A higher level (& A layer of bricks - part of the wall's construction. the same feature shows up in Trenches V & VI. (See Locus Sheets.)

How was this Locus formed?

Does not bond with NW wall of Rm 13.

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

East Baths - Rm 2
Trench IV

GENERAL IDENTIFICATION

Locus No. 005
Date(s) 25 June

Top levels NW. 222.404 / NE. 222.385 Top plan ✓ ; Bottom levels 222.385 Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of? _____

What size particles? _____ Color _____

Features	Soil Layers
Compass orientation _____	Direction & degree of slope _____
___courses high; ____rows wide	
Overall dimensions _____	Degree of compaction _____
How was it built?	Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. 002 and is above Loc. 003

Lateral extent 1m x 0.45 m Max, thickness 0.6 m Touches balk(s) NW, SE

How does this Locus relate to all other loci it touches?

Locus 005 : 0.25 m from NE balk.
continuation of the WALL 115 found on SE Trench.
L. 005 : two flat stones covered with schist & mortar that rest on L. 003 & do not reach bedrock level as had happened on SE Trench. It was built against the bedrock - higher level on NE balk.

This Locus is contemporary with which loci mentioned above?

How was this Locus formed?

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

GENERAL IDENTIFICATION

Locus No. 005
Date(s) 27 June

SE: 222.483
NW: 222581

Top levels 222.435 Top plan ✓; Bottom levels 222.463 Top plan ✓

Sections _____ Drawn by architect _____ Photo No. _____

BW: 84-4-13-14-15 ; 13-14 Locus 005 from SW ; 15-drain from SW.

PHYSICAL DATA

What is it made of? big flat stones, flat bricks, mortar
bricks: 0.28m x 0.20m (broken edge?)

What size particles? thickness: 0.04m Color _____

Features	Soil Layers
Compass orientation _____	Direction & degree of slope _____
___courses high; ____rows wide	
Overall dimensions _____	Degree of compaction _____
How was it built? Bottom course of stones (sandstone, limestone), above layer of small schist fragments. Above that two rows of bricks.	Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. 002 and is above Loc. 003

Lateral extent 1.80m x 1.10m Max, thickness 0.20m Touches balk(s) SE

How does this Locus relate to all other loci it touches?
Locus shows flat bricks as part of the wall's construction as had been noticed on SE Trench 2nd extension.
On Trench VI Locus 005 makes a corner & that is oriented towards SW.
The wall is cut by the drain that crosses the trench from NW to SW.
(see top plan)

This Locus is contemporary with which loci mentioned above?

How was this Locus formed?

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

EAST Baths - Room 12
SE Trench, 1st & Second ext.

GENERAL IDENTIFICATION

Locus No. 006
Date(s)

N. 222.809
S. 222.809
E. 222.805
levels incorrect?

N. 222.008
S. 222. 792
E. 222. 797
wrong levels?

Top levels W. 222.809 Top plan _____; Bottom levels W. 221.993 Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

BW. 84.3. -4 : from NE & Above ; BW. 84.3 -5 : from SW

PHYSICAL DATA

What is it made of? Small pebbles, few sherd, patches of mortar, loose earth

What size particles? _____ Color _____

Features	Soil Layers
Compass orientation _____	Direction & degree of slope _____
___courses high; ____rows wide	
Overall dimensions _____	Degree of compaction _____
How was it built?	Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. 003 and is above Loc. bedrock

Lateral extent _____ Max, thickness 0.15 m Touches balk(s) All

How does this Locus relate to all other loci it touches?
Locus 006 is the last layer of packing in SE Trench & its 2nd extension before the bedrock. In both areas this Locus showed a great increase in the amount of sherds. In SE trench they appeared mainly in area between SE & SW walls. Also in this area (SE T.1) on the S corner, under the bench is a piece of tile laying flat & in connection with the flat rock & tile referred to as Locus 010 in 2nd extension T, which occupies an area of 0.60 m x 0.30 m covering L. 006.

This Locus is contemporary with which loci mentioned above?

How was this Locus formed?

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
4	18 June	222.809 m - 229.796 m	1 Rim & non joining body Sherd of Drag. 25/27 in Terra Sigillata Hispanica (2nd c.?) + groove just below the rim	#775 a+b
			- 2 plate frags, Probably T. Sigill. Hispanica	
			- 1 frag. of imported white ware	
			- 2 small frags of COARSE WARE +	
			- 8 frags of white Alentejo (coarse w fabric) including 4 non joining frags. of one burned, 2 joining frags of a 2nd burned, 2 joining frags. of + base	
			- joining & non joining frags of the base & 2 shoulders of at least 3 jugs of c.w. 3 with slip in the interior OR exterior *	
			- 26 other frags. of c.w. 3 incl. 3 from cooking pots	
			- 2 frags of imported cooking pots incl. handle	#776 (handle)
			- 1 bowl rim with an exterior groove, probably not c.w. 3	~~#774~~
			- Sigillata frag. with part of stamp	#774
			- 2 pieces of white Alentejo	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
	G 34	5	7 ~~reddish brown~~ glass frags of + thin walled bowl
	G 35		2 glass frags one with 4 grooves.

EAST Baths - Room 12
L.006 - SE Trench - 1st & 2nd Extensions

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
4	18 June	222.80 229.79	- 1st c. Italian made (?) lamp.	
			- 3 to 5 joining frags of the coarse w. 3 vessels L.006 Basket 4 incl. neck & A handle frag.	
			- 40 other frags of coarse ware 3 incl. 2 cooking pots & one underfired	
			- 3 frags of Sigillata Hispanica incl. A chip from A rim of Drag. 27	
			- 1 handle frag. possibly of coarse w. 4	
			- 1 roof tile	
14	22 June		- 1 wall frag. of the same imported thin wall ware as L. 009. B.13	
			- 1 frag. of T. Sigill. Hispanica	
			- joining frags. of 1 very thin walled C.W.3 pitcher burned	
			- 4 non joining frags. of a 2nd Also burned	
			- 13 frags of coarse w. 3 + 2 frags. burned on the exterior	
			- 1 Terra Sigillata Hispanica plate link. Drag. 17?	#780
			- 1 coarse ware Rim	#781

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

East Baths - Room 12
L.006 - SE Trench, 1st & 2nd ext.

POTTERY 10,9

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
14	22 June		- Another coarse w. lam	#782
10	21 June		- 1 frag. of T. Sig. Hisp. Drag. 25/27	#783
			- 2 non joining frags of 1 e.w.3 jar	
			- 2 pieces of e.w.3 with red slip on the interior	
			- 13 other frags of e.w.3	
			- 1 unidentified sherd	
			- 2 joining frag. of a probable late roman lamp	
9	20 June		- Terra Sigillata Hispanica(?) frag.	
			- 6 pieces of e.w.3 incl. 1 burned & 1 non joining (see B.4 *)	
			Rim frag, Gaulish	#778

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

SE Trench, 1S extension

GENERAL IDENTIFICATION

Locus No. 008
Date(s) 20 June 84

Top levels N.222.835 (N.222.826, E.222.823, E.222.821) Top plan ✓ ; Bottom levels NE:222.803 (NW:222.801) Top plan ✓

Sections _____ Drawn by architect _____ Photo No. _____

B.W. 84.3.-19: Locus 005 & 008 from NW, BW.84.31-21-22 - bottom 008 from NE

PHYSICAL DATA

What is it made of? _____

What size particles? _____ Color _____

Features	Soil Layers
Compass orientation _____	Direction & degree of slope _____
___courses high; ____rows wide	
Overall dimensions _____	Degree of compaction _____
How was it built?	Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. 002 and is above Loc. bedrock

Lateral extent 0.74m x 0.20m Max, thickness _____ Touches balk(s) ____

How does this Locus relate to all other loci it touches?
Locus 008 touches L.005. It has same constitution of Locus 003 on west side of SE Trench, Although referred to with diff. Locus number.
L.008 is a ~~thin~~ NARROW gap between L.005 & the bedrock on the EAST side of SE Trench, filled with L.003 type of packing. That gap was probably a natural one-

This Locus is contemporary with which loci mentioned above?

How was this Locus formed?

NO pottery

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

EAST Baths - Room 12
- 2nd Extension -

GENERAL IDENTIFICATION

Locus No. 009
Date(s) 22 June 84

Top levels N. 222.819 S. 222.819 E. 222.817 W. 222.813 Top plan ✓ ; Bottom levels N. 222.799 S. 222.795 E. 222.799 W. 222.800 Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

BW. 84.3 - 23-24 ; L.009 from NE ; color : C.84.5-8 : Locus 009 from NE

PHYSICAL DATA

What is it made of? 37 bricks frags. (2 buckets 1/2) - ~~[illegible]~~

12 larger frags: p. lenght : 26cm; p. width : 18 cm ; thickness: 5cm
smaller frags: p. lenght: 12-14cm
p. width: 13 cm ; thick: 4cm

What size particles? _____ Color _____

Features	Soil Layers
Compass orientation _____	Direction & degree of slope _____
___ courses high; ___ rows wide	
Overall dimensions _____	Degree of compaction _____
How was it built?	Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. 003 and is above Loc. 006

Lateral extent 1.16m x 0.59m Max, thickness 0.24m Touches balk(s) NE, SE, SW

How does this Locus relate to all other loci it touches?
Locus 009 is a different packing type within 2nd extension trench - use of larger brick frags. (reuse of bricks from another floor?).

This Locus is contemporary with which loci mentioned above?

How was this Locus formed?

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
13			+ 2 pieces of white Alentejo	
			+ 1 frag of a COARSE WARE 3 jug like the ones of Locus 006 - Basket 4	
			+ 5 frags of coarse w. 3 & one burned	
			+ 3 non joining frags. of an imported thin walled WARE mrg. non joining L.006 Basket 14	
			+ 1 shoulder of an unidentified coarse w. jug	
			+ 1 unidentified piece of tile	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

EAST Baths - ROOM 12
- 2nd extension trench -

GENERAL IDENTIFICATION

Locus No. 010
Date(s) 22 June 84

Top levels 223.094 Top plan ✓ ; Bottom levels _____ Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

B.W.84.3-25: Top Locus 006 & L.010 from NW. ; BW.84-3-22: 2nd ext. trench from NW.

PHYSICAL DATA

What is it made of? Big, flat stone

What size particles? 0.60m x 0.30m Color _____

Features	Soil Layers
Compass orientation _____	Direction & degree of slope _____
___courses high; ____rows wide	
Overall dimensions _____	Degree of compaction _____
How was it built?	Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. 009 and is above Loc. bedrock

Lateral extent 0.60m x 0.30m Max, thickness 0.08m Touches balk(s) S~~E~~, ~~S~~W

L.006

How does this Locus relate to all other loci it touches?

Locus 010 is a big flat stone, that occupies an area of 0.60m x 0.30m in 2nd extension trench, resting on the bedrock & touching L.006. (see top plan) It seems to be connected with tile fragment under the bench.

This Locus is contemporary with which loci mentioned above?

How was this Locus formed?

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

East Baths - Room 72
Drain

= 002 1983

GENERAL IDENTIFICATION

Locus No. 011
Date(s) 29 June 84

Top levels _____ Top plan ✓ ; Bottom levels _____ Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of? earth, carbons, pottery, bones, fire stones

What size particles? _____ Color reddish brown

Features

Compass orientation _____

___courses high; ____rows wide

Overall dimensions _____

How was it built?

Soil Layers

Direction & degree of slope _____

Degree of compaction _____

Distribution of particles (e.g., random, laminated, graded bedding)

STRATIGRAPHIC DATA

This Locus is below Loc. ~ and is above Loc. ~

Lateral extent 0.40m x 0.20m Max, thickness 0.16m Touches balk(s) All

How does this Locus relate to all other loci it touches?
Drain on SEW of Trench VI

This Locus is contemporary with which loci mentioned above?

How was this Locus formed?

POTTERY

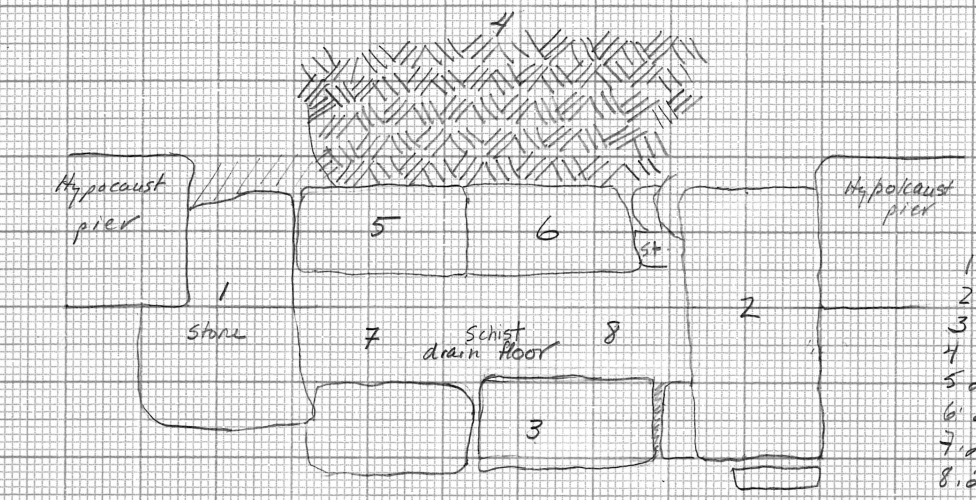
Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
28	29 June		- 8 frags. of white Aleutian vessel - 2 frags. of Sinew cooking ware. - 2 frags. of C.W. 3	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
W. Bone	BI-32	28	- 1 complete bone pin
Bone	BI-33		16 bone frags. SDNR

Rooms 15, 16, 17

DATUM - 220.967



1. 220.667
2. 220.637
3. 220.557
4. 220.627
5. 220.527
6. 220.517
7. 220.467
8. 220.427

FLOORING + PACKING OF HYPOCAUST

East Baths, Room 15, 1983

July 5

Removed two stones from floor of hypocaust to uncover a drain below. Narrow channel 0.10 – 0.11 m wide, Floor = bedrock. Walls continued of narrow bricks 0.11 – 0.12 width (cannot tell whether complete bricks or broken) 0.20, 0.21, 0.22. Brick set in rock-cut channel. Two courses a west, one course an east. completely Filled with fine salt. No finds in it.

Fill in drain: soft compact silt-size clay – very dk. small pieces of ash inclusions – No pottery or misc.

Photos:
83.9.7
C 83.6.16

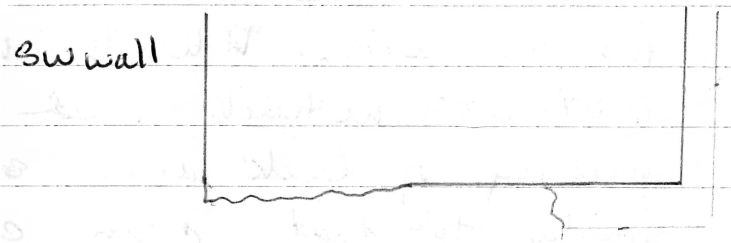
1983

Rooms 16 and 17

June 30
Basket 1
Locus 001

Cleaning surface of mud in area whose waterproofing preserved which indicates once a wall between the two rooms, and doorway. Small plaster traces found within south area - with painted surface. East line of wall appears clear from 1.54 m to 0.68 from face of SW wall

1:25



Cleaned upper surface of SE wall of Rm 17 to expose top of both faces here. for the plan.

→ Two layers of waterproofing observable. the earth fill was removed down to a rough white mortar level 0.18 m below preserved upper edge of waterproofing. On inner face a layer of fine white mortar/plaster observable, 0.01 m. thick

Rooms 16 and 17

July 5

Cleaned fill off stub of wall in hypocaust. Western face of wall does not appear. Possibly not a wall at this level at all, but only part of packing for floor. 3 stones at high level may be accidentally in line.

Decided to examine composition of flooring by removing a section of mortar fr. between second and third column against the SW wall. White mortar level is 0.07–0.08 m thick and is laid on packing of brick and stone fragments similar to that down center of room.

Photo: 83.8.31 from above C 83.6.9

Removed a small section of flooring from up against supported wall in an area 0.30 × 0.40 m. "Wall" does not continue down – floor packing appears to continue under it – Therefore, not remains of a wall here as originally supposed.

Photo: 83.8.32 from south C 83.6.10

Mirobriga, 1984

Datum Pts.
221.539
221.835
222.971

East Baths, Room 16.

May 28
Locus 1
Bank 1
No pottery.

Photos
82.468-471
(before excavation)

With locus 1 began clearing surface of fill in area the width of the room. Purpose to get down to floor of hypocaust and find remains of early plan of the building. Many large brick frags and earth. Bricks 0.04 Th. Tile and head size stones. Orange brown earth 7.5 YR 4/6 Fragments of bricks preserving knotches at top. LHTF W. 0.24 m, Th. 0.04 - notch 0.025 W., 0.02 deep. Others from bottom preserving LHTF flanges. Fragments of flat narrow brick W. 0.15, Th. 0.032. Fragments of long bricks ~~square in section~~ from screen wall. Th. 0.065, H. 0.046

Fill is being dumped on the slope SW of Room 17.

Screen wall preserved against NE wall continues down below top level of fill, but appears to be resting on earth. Earth fill appears burned in area to S. of screen wall.

One fragment of cover tile. ~~One~~ Two frgs flat narrow brick preserved imprints of three toes of a dog.

At end of day reached top of columns in an area ca. 2.00 m. wide E/W. on north side of room, at ca. 221.50 m.

East Baths, Room 16

May 29
Locus 1
Bask 2
No pottery

Continued removing fill digging higher area to south. Toplevel 222-42 4 complete bricks ~~0.215x 0.215x~~ 0.215 sq., Th. 0.04. More frags of same bricks as yesterday including bottom of flanged bricks. Frag. of white painted plaster and one of backing 0.012 m Th. found near doorway to Rm 17. Edge of northern dividing wall between 17 and 16 revealed for 1.30 m. measured from doorway and small section of flooring. Cleared fill from within foundation trench for northern section of wall with Bask 3.

Bask 3
No pottery

Floor of room is destroyed more than had thought. Removal of fill opened up space between the arches of the hypocaust. In section of fill still lying on top of arches destroyed flooring can be seen resting on top of arches. No sign of semicircular tile found in floor of Rm 17. Floor - white mortar with brick aggregate, ca. 0.10 m. thick

1 frag of tegula from within hypocaust.
Base of flanged brick - w. 0.295 with flanges.

Bask 4

Fill from within hypocaust where ~~alwa~~ open before excavation. produced 2 frags of pottery. complete thin rectangular brick, 0.24 x 0.14 x 0.028-0.034 m.

Tiruhiga, 1984

East Baths, Room 16

May 30 Locus 1 Basket 5 No pottery

Too wet to continue removing fill from within hypocaust. Began up top N west of open space removing fill where floor of room destroyed. Many brick frags at base of SW wall of room. Frags of flanged bricks with notch at top. Toplevel 222.02. ~~Small~~ Frags of white marble veneer. Continued down between 1st & 2nd hypocaust rows NW of wall between 17 & 16 to floor (~~[illegible]~~). On floor a layer of blackened fill (ash?). No pottery or small finds in it.

Locus 2

Same kind of bricks came up today, including fragments of bricks notched at top.

May 31 Locus 1 Bask 6

Continued digging in hypocaust working to south between 1st and 2nd hypocaust rows. Same fill as yesterday - many brick frags, piece of destroyed flooring. No pottery or small finds. 1 bone. Cleared to hypocaust floor until ca 0.60m from SW wall of room. Began taking fill up to W of cleared area leaving fill against SE wall for walk way. Fragment of tegula

Photo 84.1.8, 9 → Hypocaust from SE. State of excavation at noon.
→ Hypocaust from NE. State of excavation at noon.

Reached top of locus 2 at 220.91 (2.06) m. in north part of area. Continued removing fill to south up to face of wall of room. Reached top of locus

East Baths, Room 16

from #1

May 31 — 2 against SE wall of room - Higher at base of walls 220.97 m. Slopes down to center - Fine silt like soil on top, Locus 3

Locus 3
Basket ~~7~~ 7

~~Ba~~ Locus 2
Basket ~~4~~ 8

Began removing Locus 2 - mixed black ash and earth, brick frags. Lower in center of room, sloping down from base of walls. Lowest level -1.12 from #2 220.71 m

June 1
Basket 9
Locus 2

Continued removing black ash from over floor of hypocaust in same area as yesterday. Could not dig this am because of rain. 1 bone, charcoal. Reached bedrock north of SW wall of building. Began clearing fill left ~~between~~ ~~by~~ under arches. ~~Ea~~ Northern arch only partially preserved - on north side. We were unable to save this section which had to be removed. No pottery or other material culture from this area.

Locus 1
Basket 10

Began removing destruction fill against face of wall which had been left to help remove earth. Digging between 2nd & 3rd rows west ~~from~~ of wall between Rm 16 & 17.

June 4 — No work - Rain

June 5 — Too muddy to dig. Began examining bricks from different areas looking for marks.

June 4 No work - Rain

June 5 Too muddy to dig; began examining bricks from different areas looking for marks.

Brick and Tile from Room 16

42 complete or frag. bricks or tile had signatures or animal footprints.

~~complete bricks~~

Type 1 = Ex. {0.22 x 0.22, Th. 0.04} ~~with signature~~

5 with single line across (1 with graffito V)

1 with single wavy line across,

1 w/o signature but possible graffito } A (faintly scratched)

1 with single wavy line

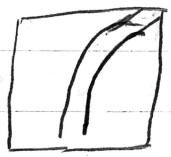
1 with same signature as in Type 2 (double line carved across)

1 with Type 2/b signature

Type 2 0.22 sq, Th. 0.05

4 complete, 3 frags. Signature on two

a complete double line



b signature on 5 double line carved across brick

2 frags ~~Voussoir~~ Flanged W. base 0.20 max ; P.L. 0.295
(W across 0.23 at 0.19 m from base); Th. 0.04

a. Signature double X 1 each
b " single X 1 each
c " ~~double~~ triple diagonal line /// 1 each

Type 4 Flanged bricks notched at top.
2 frags. none complete Th. 0.04

a Signature single X 2 frags
b. Signature double ~~diagonal~~ incomplete 1 each
1 each c. signature? ~~two~~ one single line down length ~~at sides~~ along both sides
1 each. d. signature widely spaced double curved

Type 4 W. 0.30 m. Th. 0.04 P.L. 0.21. 4 frags.
Check them
a. Signature - multiple grooves covering whole surface - 3 frag. bricks

Type 5 Tegula. P.W. 0.14. P.L. 0.21 ; Th. 0.035 1 frag
same signature as Type 4a

Type 6 Imbrex. signature? single wide groove down length ! 1 frag
P.L. 0.16, P.W. 0.14, Th. 0.035 - 0.045 m.

Type 6 P.L. 0.29; P.W. 0.12; Th. 0.04 1 frag
a. signature double X

Type 7 1 frag. P.L. 0.18; P.W. 0.22; Th. 0.04
a signature V single line?

Type 8 1 frag. P.L. 0.155; W. 0.065; Th. 0.053.
a signature single groove lengthways.

Animal footprints – 3 frags
2 with dog prints
1 with pig and a dog.

East Baths – Brick Types

1 ✓0.22 sq., 0.04 Th. Small square
2 ✓0.22 sq. 0.05 Th. " "
3 ✓~~Voussoir W. base 0.20~~ top?, ~~Th. 0.04~~
4 ✓Flanged and notched at top. W. with flanges 0.295, W. top 0.24, Th. 0.04
5. ✓Thin, rectangular W. 0.15 0.14, L. 0.24, Th. 0.032 0.028–0.034
6. ✓Long bricks L. , W. 0.046, Th. 0.065
7. ✓Rectangular L. 0.30, W. 0.20, Th. 0.045
8 ✓Large L. 0.44–0.45 0.46, W. 0.30, 31 0.32, Th 0.045–0.05 0.04
9.

Signatures on Bricks & tiles from Room 16
a–o

1. a ✓ Single line across Type 1
2. b ✓ Single wavy line / squiggle Type 1
3. c ✓ Single wavy line Type 1
4. d ✓ Double line curved across, shallow arc Types 1 & 2
5. e ✓ Double line, deep arc incomplete Types 1 & 2
6 f ✓ Double line forming X Type 3
7 g ✓ Single line forming X Type 3, Type 4, incomplete
8 h ✓ Triple diagonal straight line Type 3
9. i ✓ Double line in a loop (incomplete) Type 4
10. j ✓ Single line down each side (doubtful) Type 4
11 k ✓ Widely spaced double curve Type 4
12 l ✓ Multiple grooves in straight lines Type 4 & incomplete Index
13 m ✓ Single wide groove down length Index
14 n ✓ V = ? Incomplete
15 o ✓ Single line lengthways Type 8

p. ✓ single arc
q. ✓ Double (Single?) curved across corner
r. ✓ Triple eight 8
s ✓ Double =
t ✓ Triple curved
u ✓ Curved line, incised
v ✓ Triple curved E. Baths, upper
w ✓ Double, straight, diagonally across corner
x ✓ Double, straight across brick
y ✓ Triple, straight, along brick W. Baths Flat, thin rectangle.

4 frags

z ✓Double straight line along length Flat, thin rectang.

✓aa ✓Double wavy line across brick incomplete

bb ✓Single incised wavy line

cc ✓Incised swastika

dd ✓Double arch with single line across

ee cartpiece Double wavy line 3 incomplete ex.

ff ✓Triple wavy line Flanged brick

gg ✓Simplified double wavy line square, complete

East Baths, Rm 16 hh

hh Double curved line, straight line across (Type 1)

ii Single ~~to line~~ zigzag (Type 1)

Brick Types – Baths

1 Small square brick 0.22, Th. 0.04–0.045?

2. Small square brick 0.22, Th. 0.05–0.055

3 Rectangular L. 0.44–0.46, W. 0.30–0.32, Th. 0.04? 0.045–0.05

4 Rectangular L. 0.30 0.29–0.31?, W. 0.20, Th. 0.045 (type 3 cut in half?)

5 ~~Various W. base/top? 0.20, Th. 0.04~~

6. Flanged w/o notches L. 0.315–0.32, W. top 0.248 (Inv. no. T-16), W. base (with flanges) 0.265, Th. 0.04

7. check Ruth bricks Flanged with notches L. est. 0.35 0.36, W. top 0.29, W. base (with flanges) 0.31, Th. 0.055

8 Narrow, thin ~~Thin, flat~~, rectangular L. 0.24, W. 0.15, Th. 0.032

9. Narrow, thin rectangular L. 0.46, W. 0.13, Th. 0.025 (Inv. no. T-14)

10 Narrow, thin rectangular L. ? W. 0.165, Th. 0.03

Same

Tile

Imbrices - used in flooring p. 61

11. Narrow, thin rectangular L. ? W. 0.16,
Th. 0.04 same type

14 ~~12~~ Screen wall bricks L. 0.30-0.32, , W. 0.065,
Th. 0.046

15 ~~13~~ Screen wall bricks? L. 0.355-0.37, W. 0.0~~65~~7, Th. 0.055

~~14~~ 12 Narrow thin rectangular L. W. 0.16,
Th. 0.05 Same type as 8-10

~~15~~ 13 Narrow, thin, rectangular L W. 0.15,
Th. 0.04 Same type as 8-10

16. 0.50 x 0.21-.23

17. 0.60 x 0.27

Nicopolis, 1984

East Baths, Room 16

June 8
Locus 1
Basket 11
No pottery

Too wet to dig in the hypocaust. Began cleaning remaining earth, brick frags, crumbled floor from on top of ashes. Working immediately west of preserved flooring and on top of 2 ashes next to west. Few fragments of thin marble revetment. Imprint of party wall between Rms ~~Began~~ 16 & 17 better defined. Top of ash west of this wall now cleaned off. Ash in very poor condition with need conservation. Leans to east.

Locus 1
Basket 12
no pottery

Began taking out Locus 1 next to SW wall of Room. Ash fill still too damp to dig. Top level ca. 221.30 m. ~~ca 221.30~~

June 11
Locus 3
Basket 13

Fine silt like fill below Locus 1 ca 220.78 m. Trying to find ash level below in area at base of wall. Slopes down from base of wall to center of room. Some charcoal. Fill mixed with some burned material, but not yet a really ashy layer.

Locus 2
Bask 14
No pottery

At 220.75, 220.79 m reached level of darker, ashy fill on floor of hypocaust. Charcoal Samples. At 220.58 m. reached floor level which seems to be bedrock base between 1st–3rd columns.

Locus 1 — Began removing remaining fill left against wall just west of party wall between Rm 16 & 17.
No pottery

Locus 2 — Rich fill on floor. No pottery.

Fill removed down to floor level in whole area, except that which is supporting arch. Began cleaning walls etc for photography. Removed fragments of fallen flooring, including those uncovered by de Almeida, and put them at west end of pile up the hill north of Room 8 with the other fragments placed there by de Almeida.

June 12 — Continued cleaning Rm 16 for photography. When cleaned off, floor was found to be packing of stones except at base of SW wall where bedrock.

Photos B.W. 84.1. 15–21
C. 84.3. 6–87

Levels of floor of hypocaust

SW	220.51
SE	220.58
NE	220.53
center	220.52

Mirobriga 1985 Room 16

June 27.

With four workmen removed fallen hypocaust arch just northeast of dividing wall between Rooms 16 and 17. All complete bricks were set aside and washed. The second arch to the northwest was reinforced with concrete and a horizontal course laid over the top to the level of the existing ancient brick course. Ancient bricks without signatures, taken from the fallen arch, were used.

Photos B & W 85.3.1-4 before restoration. 85.3.12 after restoration

Signatures ~~fr~~ on bricks removed from arch.

d. Type 1a (0.045 - 0.048 Th) 22 examples

a. Type 1a (0.04) 5 examples

b. Type 1a (0.04) 2 examples, of wh. 1 incomplete

hh. Type 1a (0.043) 1 example

k. Type 1a (0.045) 11 examples, plus 6 incomplete

3 paw prints of dog - Type 1a (0.045)

Removal of the fallen arch uncovered remains of a wall in the floor of the hypocaust.

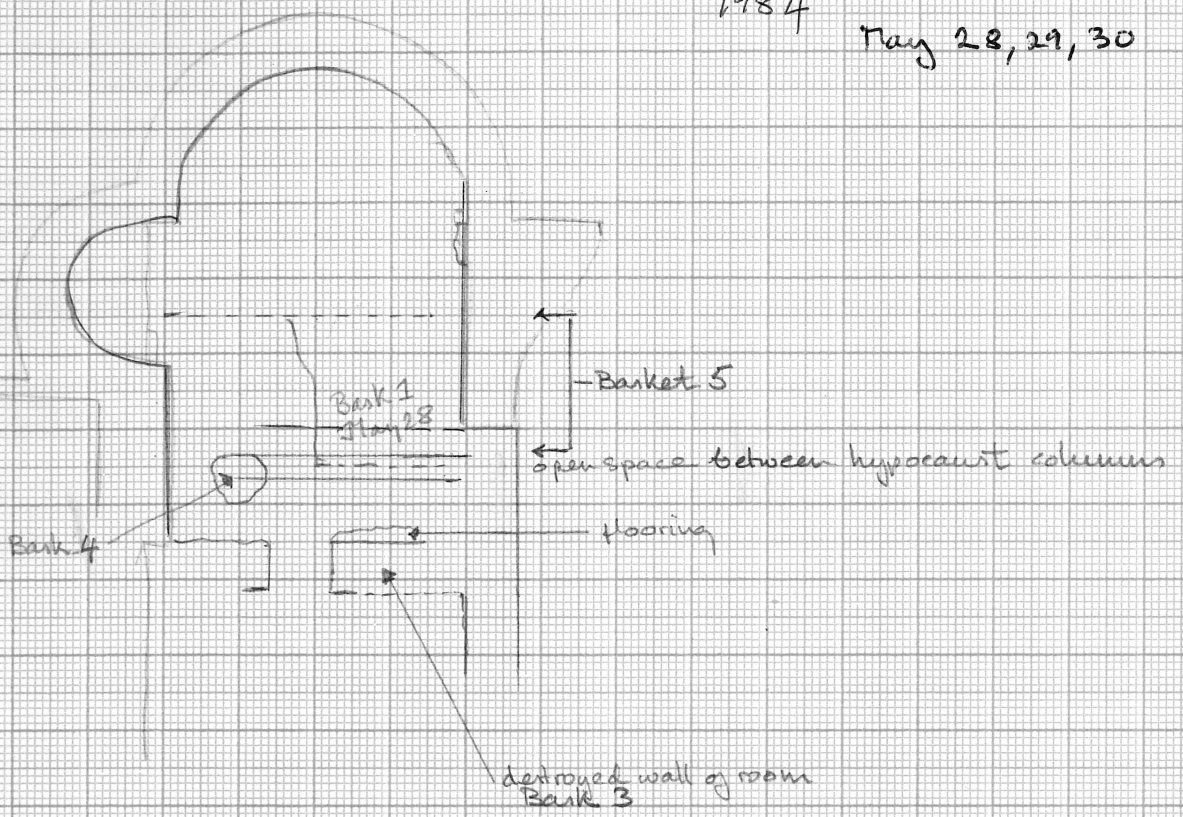
Construction

pink limestone, yellow sandstone, slate, laid without mortar (with mud mortar?) W. 0.61, PL 0.38 P.H max 0.14 against SE hyp. arch where two courses are preserved.

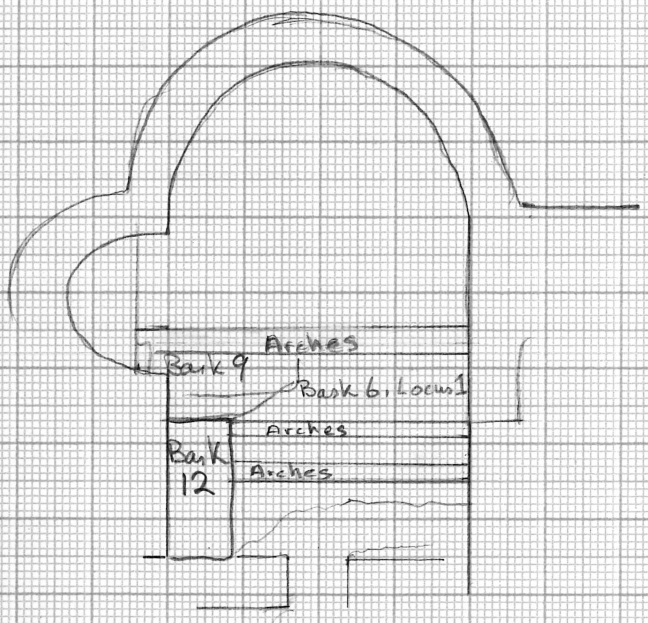
Phto B-W 85.3.19.

location between the two NE hyp. arches at the NE wall of the room.

East Baths, Room 16
1984
May 28, 29, 30



May 31.



East Baths, Room 16, 1984

Earth/collapsed floors - Locus 1 001
Silt/ash Locus 3
Ash Locus 2

Brick

1:25

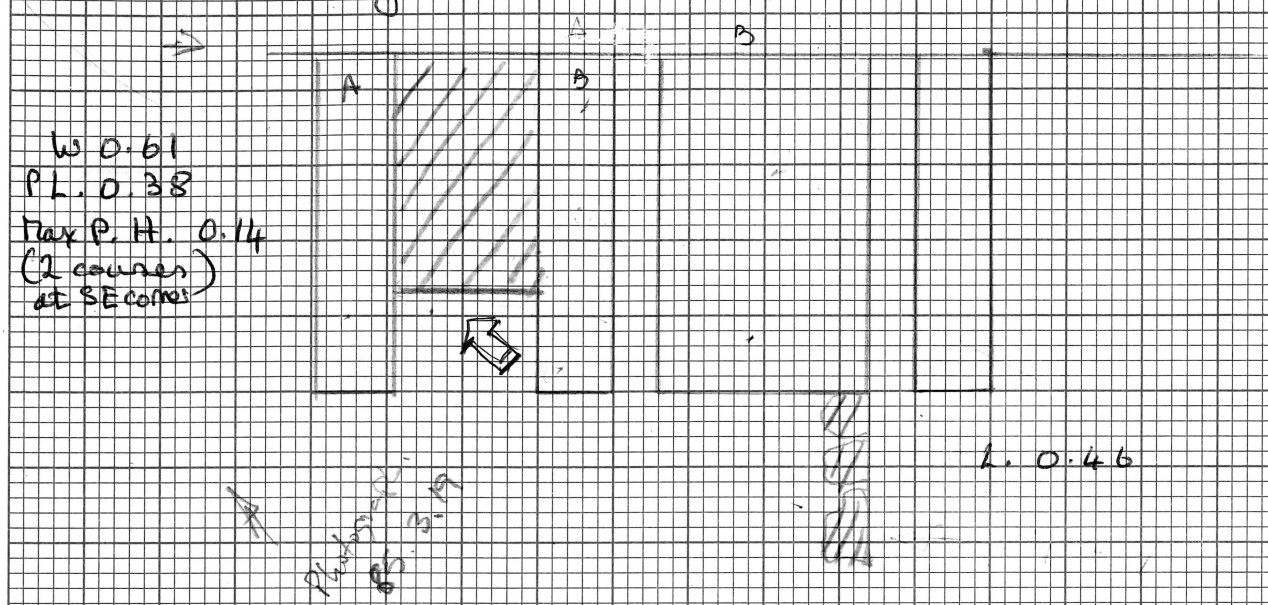
Room 16, 1985

Hypocaust level

Northeast corner

Remains of earlier walls

Scale 1:20



W 0.61
PL. 0.38
Max P. H. 0.14
(2 courses
at SE corner)

L. 0.46

AMPAD 22-111 - SCIENCE - 5 SQUARES TO CENTIMETER - NUMBERED LINES

1.15
1.4

GENERAL IDENTIFICATION

Locus No. 1

East Baths, Room #4 16,

Date(s) May 28, 1984

Top levels 222.45 / 222.05 Top plan ✓ ; Bottom levels _____ Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of? Earth, bricks, stones

What size particles? head, fist-size stones / broken bricks Color 7.5 YR 4/6

Features

Compass orientation _____

___courses high; ____rows wide

Overall dimensions _____

How was it built?

Soil Layers

Direction & degree of slope Uneven

Degree of compaction _____

Distribution of particles (e.g., random, laminated, graded bedding)

random

STRATIGRAPHIC DATA

This Locus is below Loc. ✓ and is above Loc. _____

Lateral extent fills Room Max, thickness _____ Touches balk(s) ____

How does this Locus relate to all other loci it touches?

This Locus is contemporary with which loci mentioned above?

How was this Locus formed? Destruction fill - from the building

Banks 4, 6, 10,

Locus 1

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
3	May 29		1 unidentified Coarseware sherd from	
4	May 29		2 joining frags of modern flower pot + red slipped exterior —	Thrown

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
		Basket 11	Marble frags — veneer?
		6	Marble frag — veneer?; bone frag
		5	Marble frags — veneer?
		~~1~~ 2	2 white painted plaster frags
		3	

GENERAL IDENTIFICATION East Baths Room 16

Locus No. 2
Date(s)

Top levels_____ Top plan_____; Bottom levels_____ Top plan_____

Sections_____ Drawn by architect_____ Photo No. _____

PHYSICAL DATA

What is it made of? Ash, small bags of brick

What size particles? small, fine Color black with some orange

Features

Compass orientation_____

___courses high; ____rows wide

Overall dimensions_____

How was it built?

Soil Layers

Direction & degree of slope Down to center of room

Degree of compaction hard

Distribution of particles (e.g., random, laminated, graded bedding)
random

STRATIGRAPHIC DATA

This Locus is below Loc. 1 and is above ~~Loc.~~ floor

Lateral extent _____ Max, thickness_____ Touches balk(s) ____

How does this Locus relate to all other loci it touches?
Earlier than Locus 1 and 3

This Locus is contemporary with which loci mentioned above?

How was this Locus formed? Through use of hypocaust

Baskets 1 or 8, 9

Locus 2 Rm 16

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
~~8~~	May 31st		3 non-joining frags of pipe badly burned	
			1 v. coarse coarse ware 3? rim?	
9	June 1st		1 piece of same pipe as Bask 8	
			1 unidentified C.W. fabric	
			All thrown.	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
		9	1 bone.
		~~8~~	2 bone frags

GENERAL IDENTIFICATION
East Bath, Room 16

Locus No. 3
Date(s)

Top levels_____ Top plan_____; Bottom levels_____ Top plan_____

Sections_____ Drawn by architect_____ Photo No. _____

PHYSICAL DATA

What is it made of? Soil particles

What size particles? fine Color_____

Features

Compass orientation_____

___courses high; ____rows wide

Overall dimensions_____

How was it built?

Soil Layers

Direction & degree of slope Slopes down to north

Degree of compaction fine

Distribution of particles (e.g., random, laminated, graded bedding)
random

STRATIGRAPHIC DATA

This Locus is below Loc. 1 and is above Loc. 3

Lateral extent _____ Max, thickness_____ Touches balk(s) ____

How does this Locus relate to all other loci it touches?

Also ~~X~~ layers of soil later than 3 - not found over whole area of room excavated - only in SW part of room

This Locus is contemporary with which loci mentioned above?

Probably Locus 1

How was this Locus formed?

Locus 3, Rm 16.

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
87	May 31		2 non-joining fragments of dam pipe.	
			as Locus 2	
			Thrown.	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

Room 10

Mirobriga 1983 East Bath - Rm 10 R. Mercereau

- Probe trench 1 x 1.60 m in west corner of Rm 10 - from edge of modern cover tile over drain to SW wall (1.60 m), 1m wide out from NW wall.

June 8 - Cleared vegetation from all of Rm 10. Opened probe trench in west corner to determine existence of further cover tiles and existence of flooring, ie. if original Roman floor still extant. Surface slopes down from SW wall to modern cover tile. locus 001 being removed in such a way as to create a level surface. Surface of 001 slopes due to wash. Soil loose because of extensive root activity. Four squared stones revealed at base of NW wall, built in to wall and extending ca. 6 cm from wall; 3 horizontal and one vertical so far.

Locus 001
Bskt 1

TP 222.597

001

SE corner 221.902
Pink concr. 221.782

222.597
76
221.837 = SW corner

FINDS: 2 pieces pottery

Levels: W corner 221.837
top - ~~222.352~~
bottom - 221.797

June 9 — Continue removal of 001. Soil conditions consistant. Another reason for investigating Rm 10 is to determine why de Almeida designated this room as a latrine. Feature of horizontal flat squared stones (architectural) extending from base of wall continues along NW wall up to SW wall and turns S. corner, continues

Locus 001
Bskt 2

Mirobriga 1983 East Bath Rm 10 R. Mersereau

- Probe trench in west corner (continued)

June 9 (cont.) – along SW wall and under (into) SE baulk. One course of these stones ~~available~~ visible at this level. Levels taken.

Locus 001
Bskt 2
(cont.)

> End of locus 001.
Soil between edge of modern drain tile and beginning of extending stones at base of wall appears to be more crumbly and less compact than that of rest of trench. Perhaps this is due to this area being that where de Almeida dug his trench down to the arched waterway below. It would appear likely when the lines of the waterway are connected on the site plan.

Finds: 2 pieces ancient pottery
4 connecting pieces of modern pottery
2 pieces bone
1 piece modern brick

June 9 (cont.)

New locus 002
Bskt #3

– Locus 002 will be the next, 5 cm down from locus 001, an arbitrary level.

80 → 85

Bskt 3 Finds: NONE

Mirobriga 1983 East Bath - Rm 10 R. Merseresu

- Probe trench in west corner (cont.)

June 10 — Locus 002 (cont.) Basket 4

Continuation of locus 002. Locus 002 soil much more compact than 001. Compaction (relative to 001) may be due mostly to greatly reduced root action. There is also a significant drop in the % of (large stone) inclusions. Soil is, however, the same color (7.5YR 5/4 brown) and crumbly consistency as 001.

> Came down on crumbly pink (Locus 006) concrete floor (or sub floor) covering most of SW ½ of trench. Aggregate is very small bits of brick and a white chalky substance. This concrete is like that used as underpinning to marble slab flooring in both the West Baths & Temple/Forum area on the hill. Color of concrete varies slightly from [5YR 7/4 pink] to [2.5YR 6/6 light red]. Cleaned off top of concrete & will now continue down into rest of brown fill to north of edge of concrete.

> Senor Pieres (site guard) has told us that Almeida dug out the drain underneath this room (to) and reconstructed the arched supports & then filled in on top of it. But Pieres insists that Almeida did not dig over to

Mirobriga 1983 East Bath - Rm 10 R. Mierzeau

• Probe trench in west corner (cont.)

June 10 (cont.) – The edge of the concrete but rather restricted himself to the area directly over the drain.

Locus 002
Bskt 4
(cont)

Bskt 4 Finds: NONE

Locus 002
Bskt 5

– Continuing down on N half of trench in remainder of brown fill. Will descend to an arbitrary level 5cm. below the present level (from 85cm to 90cm below datum pt.).
Soil remains the same. At exactly 90cm below D.P. a 2nd concrete
(Locus 007) floor was found. It extends irregularly beyond the edge of the ~~upper~~ pink concrete subfloor (or underpinning), out farther to the north. There is ca. 10cm. between the top of pink concrete subfloor and top of this second concrete floor. Lower floor ~~is of~~ made of different concrete: white w/ larger aggregate. It extends from 4 to 14 cm beyond upper pink concrete floor.

Bskt 5 Finds: 1 piece pottery (fineware)

Mirobriga 1983 East Bath - Rm 10 R. Mierseraux

° Probe trench in west corner (cont.)

June 10 (cont) –

Locus 002 – Change bskt & continue down in
Bskt 6 brown soil for another ca 5cm
At NE edge of trench soil is
looser & a little more crumbly than
rest of soil; this is probably the
edge of Almeida's trench into
drain below & would correspond
to S. Pieres' statements. There-
fore a baulk approx. 10 cm wide
will be left intact next to it (to
the S).

Bskt 6 finds: 2 pieces connecting pottery
1 metal nail

June 13 – Expanding trench all the way to NE
wall, in order to better understand
relation of concrete floors to walls
of Rm 10. Trench will now measure
Locus 001 1.60 x 2.95 / 1.60 x 2.92 m. (i.e. from
Bskt 7 NW to SE wall & out 1.60 m from
SW wall). Will return to designation
of 001 now for this top portion of
soil which is so root infested.

Mirobriga 1983 East Bath-Rm 10 R. Mercereau

- Probe trench: extension to SE wall
  - now covering approx. the SW half of Rm 10

June 13 (cont) — Assisted today by Kasey Ward.

Locus 001
Bskt 7
(cont)

Bskt 7 finds: 6 pieces pottery

Locus 002
Bskt 8

— Continued as in 002 in probe trench, ie. down to top of pink concrete floor (or subfloor) (which begins to slope off dramatically near doorway to room 10) and below ~~(19 cm.)~~ to delineate edge of pink concrete (High pt. on pink concrete = ca. 80 cm below DP; bottom of 002 = ca. 90 cm below DP).

Bskt 8 finds: 9 pieces pottery
<Discarded> 1 metal nail (modern)
1 piece thin plastic

door de garganta

Mirobriga 1983 East Bath - Rm 10 R. Mersereau

• Trench covering SW 1/2 of Rm 10

June 14 - Being assisted by Kasey Ward today.
Continue clearing off 002.

Locus 002
Bskt 9
Finds: 1 nail (modern)

In SE corner there is an accumulation of large & small chunks of concrete, apparently tossed in here by Almeida. Underneath & around edges of area containing concrete soil is much more pebbly & loose, color: 5YR 4/4, reddish brown. Area covered by chunks of concrete approx. 70 x 50 cm (70 to NE, 50 to W).

New Locus 003
Bskt 10

003 is so solidly composed of tiny chips of stone, mostly shist, that it would seem to be close to decomposed rock (bedrock). Will leave 003 for now, to be investigated later.

Finds, Bskt 10: 1 piece pottery

Locus 002
Bskt 11

Making another pass over entire trench. Edge of 003 better defined now, it's actually a wedge-shaped area, or triangular w/ the hypotenuse extending from approx. SE edge of doorway to E corner of trench.
002 soil remains the same w/ ca. 10% medium to large stones & 10% tile fragments.

Finds in Bskt 11: None

Mirobriga 1983 East Bath - Rm 10 R. Mersereau

- Trench covering SW 1/2 of Rm 10

June 14 (cont.) – Will now continue w/ 003 & a new basket. Need to determine relation of 003 to 002

Locus 003
Bskt 12

Finds Bskt 12: 2 pieces pottery
2 pieces modern tile

~~June 15~~
~~Locus 003~~

Kasey Ward

[004 was designated in top plan, but apparently never mentioned.]

Mirabriga 1983 East Bath Room 10 Kasey Ward
Trench covering SW half of Room 10

June 15

Locus 003. In S corner of 003 there is a small area c. 29 x 7 cm where there are no pebbles or rocks. This area adjoins walls. (Long side on Southern edge. In all other areas 003 continues to wall.

Locus 003
Basket 13 Soil in small area is ~~fairly~~ loose no rocks or other inclusions in this soil.
Find Basket 13 2 pieces pottery.

Basket 14 (Locus 002) Working back towards doorway from corner 003 underlies 002 in this area. 003 underlies 002 all the way to the pink concrete Clearing off 002 and leaving 003 for later.
004 appears to be much smaller than was thought yesterday
002 soil is much the same inclusions are mostly tile fragments with a few small chunks of concrete. About 80 cm from NE wall, the soil inclusions also include brick fragments and schist. A chunk of clay was found c. 80 cm from NE wall, 10 cm from pink concrete.

Basket 14 contents
3 pieces of pottery - 2 join
1 nail.

Mirabriga 1983 East Bath Room 10 Kasey Ward
Trench Covering SW Half of Room 10.

June 16. Continue clearing off 002. 2nd lumps of clay 39-48 from wall and 33-49 from lower pink level

004 Turned out to be just lumps of clay in the 002 fill.

Last of 002 Removed along with lumps 002. Ends.

Level top of 003. Near NW wall and balk 1125 below datum 221.472

Locus 003
Basket 15

Begin to clear off the remainder of 003.

"Clean" dirt in S. corner of 003 seems to be just a lump of non-pebbly staff mixed in.

The nature of 003 changes a little as it expands beyond the original wedge. Lumps of clay are mixed in with the pebbles. Otherwise, the soil remains pebbly and loose. Inclusions: tile frag. & schist.

Basket 15 contents:
(5) Representative tiles, bricks, etc from 003. (5) pieces of pottery. (1) piece of iron. (1) piece of wood (?)

Mirobriga 1983 East Bath Room 10 Kasey Ward
Trench Covering SW half of Room 10.

June 17.
Locus 003
Basket 16

Removing more of 003 in S corner. Consistancy much the same with dirt, clay, and pebbles mixed. From about the doorway to the South corner the soil also includes occasional pieces of charcoal or blackened brick (decomposed) Brick seems to be lying on a layer of clay in a horizontal (Layer?).

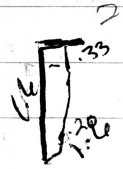
Basket 16 contents: 3 pieces of Pottery.

Locus 005

Layer of clay underlying 003 near the wall. (S corner to SE corner). Seems to lie on top of the red and white concrete level Very compact. Layer is about 2cm thick. (Con surface) (10 YR 5/4)
Levels 107.5 S corner. 108.2 SE corner.
Soil is very fine grained at top of layer (ie, like clay) and rather pebbly at the bottom.
This level also contains decomposed brick on top of a stone or brick surface.

222.597
1.075
221.522

222.597
1.082
221.515



Basket 17

The pink subflooring mentioned earlier will be Locus 006 (5YR 9/2)
The red and white concrete/conglomerate flooring below that and elsewhere will be Locus 007 (Red - 2.5YR 5/8
Average. (2.5YR 6/6)
A small area of 007 retains a top coating of greyish plaster? If is smooth, 2.5YR 7/2

Mirobriga 1983 East Bath Room 10 Kasey Ward
Trench covering SW half of Room 10

June 17th Cont. The layer of bricks (under decomposed bricks) seems to lie on top of the conglomerate ~~concrete~~ (Locus 007) The bricks are about 22cm from SE wall. The area between the bricks and the wall is filled with clay containing large pieces tiles and pottery pieces. Continuing down in this area.

Soil contains some small animal bones and has some small black spots. Could be charcoal or decayed brick.

Basket 17 Contents: 8 pieces of bone 1 unknown. 18 pieces of pottery

Mirobriga 1983 East Bath Room 10 Kasey Ward
Trench Covering SW 1/2 of Room 10

June 20th
Locus 005
Basket 18

Continuing in area between Locus 007 and SE wall. Soil consistency remains the same very densely packed earth. The area may be a drain. On the inside (southern) there seem to be at least two courses of brick (top course is bricks mentioned earlier).

Occasional black particles in soil may be charcoal (very small), Other fill in drain is stones (fist size).

Photos taken 83.2.7 View to SE-S wall
BW 83.2.8 View to NW
83.2.9 View to SW

Tiny fragments of brick or tile, the size of grains of sand are also showing up in the soil now, along with the charcoal bits.

Under 005 is a red layer which will be 008. This layer only exists in part of the drain continuing further down in 005 where red does not exist.
The red layer ends suddenly with a sharp edge. Perhaps the red is decomposed or decomposing brick. At one ~~edge~~ end of the excavated surface, a decomposed brick

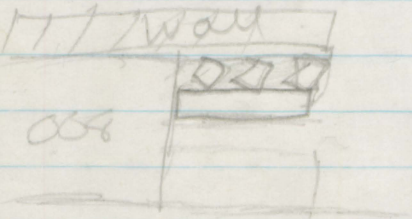
Mirobriga 1983 East Bath Rm 10 Kasey Ward
Trench covering SW 1/2 of Room 10

June 20 (cont)
Locus 005'

Basket 19

Lies on top of the Red surface (Locus 008). Could be in situ. The area of 005 adjacent and below 008 seems to be still 005, but I'm changing baskets as a precaution.

Basket 18 contents: Various animal bones, 5 pieces of pottery.



About 3cm below the last course of bricks, there are some ~~stones~~ bricks placed horizontally which go under both the wall of the drain and the floor of the drain (Locus 008). There seems to be a patterned relationship between the ~~stones~~ bricks. Because of these stones, I decided to dig no further in the area.

The fill of 005 consisted of Bricks, tiles fragments and stones. The tiles were from large curved tile, perhaps the original covertiles from the drain. About 1/2 the bricks were more than 10 cm² on their longest surface. A majority of the bricks were between 3.5 - 4 cm thick. No complete

Mirobriga 1983 East Bath Rm 10 Hasey Ward
Trench coviring SW ½ of Room 10

June 20 (cont) Bricks were preserved. One brick of a different type measured. 4x5x17+ x17+ cm. Other inclusions were pieces of a pink sandstone and white limestone. One block of limestone is 4x12x8 cm.

BASKET 19 Contents 1 piece of pottery, 1 piece of tile, 1 piece of (limestone?).

June 21. Levels taken on all areas exposed. New top plan drawn. Locus 008 (2.5 YR 4/8) is apparently some sort of plaster or decomposed brick set on top of bricks. The sharp edge may be simply the edge of a brick, but there were no signs of collapsed or disintegrated bricks in the adjacent area of 005, so if the floor collapsed, it was removed before or is lower down. No further digging in area was possible.

PHOTO 83.2.12 ⊠ view of drain. SE. Wall

Description of drain: A maximum of 5 courses of brick preserved on NW side. 4 are above the level of the ~~present~~ floor (Locus 008) Highest course of bricks is attached ~~set back into~~ to Red & white conglomerate (Locus 007) The SE side is formed by the wall The wall seems to end at level of 008; in 005 area adjacent the coun is

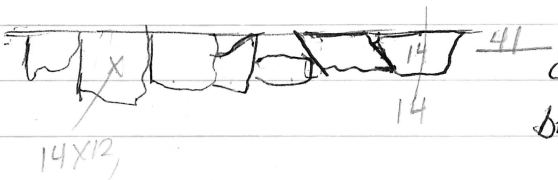
Mirobriga 1983 E. Bath Rm 10 Kasey Wad
Trench Covering SW ½ of Room 10.

June 21 (continued.)

formed by schist.

The highest course of bricks in the drain NW wall are tilted inward towards the drain, and the lower courses are also off level to a certain extent. This may be due to collapse.

The thicknesses of the bricks is about 4-5 cm. No complete bricks are preserved on the top layer, but they seem to have been of varying shapes, since one rhomboidal brick is in situ,



Mirobriga 1983 E Bath Rm 10 Kasey Ward
Trench in NW corner of ~~the~~ Room 10

June 21.

Basket 20.
Locus 001

Photo 83.2.13
TONE. Ending half of room.

Opening a new trench to the north of last trench. Will return to Locus 001.

Upon removing 001, discovered several sections of ~~pink~~ red and white concrete which could be at the same level by accident or by design. ~~Just North~~ "North" of them is a row of bricks, followed by an area of c. 40 cm width which seems to be different soil than in the rest of the trench. Will start a new locus there (009).

Locus 010

Raised the large piece of modern concrete and found a water chanel made of concrete and stone. The source of support for the chanel was not visible from above.

The fill in 001 was the same as before - Rocks (fist-sized), Brick fragments, and pieces of tile.

Perez says Almeda put in the sections of Red and White concrete but not the Bricks.

Mirobriga 1983 E. Bath Room 10 Kasey Ward
Trench in NW corner of Room 10

June 21 (cont).
Locus 001

The chunks of red and white concrete rest on loose fill which resembles 001 and each chunk is surrounded by earth. I am removing these chunks.

Chunks are ~~sen~~ about 9cm thick and many preserve a thin layer of plaster: on top. Those may have been cut from the floor in the adjacent trench. [Locus 007] (the thickness of 007 is also c 9cm).

222.59
.82
1.77

Beginning to Remove 002 in ~~area~~ N Western part of trench.

Basket 20 contents:
2 bottlecaps, 3 pieces pottery

Locus 002
Basket 21.

Levels: Top of Almeda's slab: 221.77

Top of 002: 221.65

Earth is very loose immediately around ~~the~~ Almeda's monument an area of c 5cm width along the entire perimeter.

Basket 21 contents
2 pieces of pottery

4.2254

221.742 = 1 Locus: 010 Locus -4.05 3. Short wall 221.775 ~~221.709~~ -3.72
2 Locus 009 221.967 -4.2254. Concrete in area ~~-3.87~~ 221.750

Mirobriga 1983 E. Bath Room 10 Kasey Ward
Trench in NW corner of Room 10

June 22.
Locus 002
Basket 22

Continuing to clear off 002, ~~in~~ area stopped 002 in order to clean around locus 010 to see how deep the bricks went and to search for a foundation trench for both the roman ~~and~~ and Di Almeda's structures.

There is a very narrow area around di almeda's structure, c. 5 cm wide where the earth is very loose - ~~even so~~ some spaces are even open. Still investigating near 010. There seems to be an exceptional number of roots in the immediate vicinity of the Roman structure. There is a very thin area of loose soil near locus 010 - width c. 2-3 cm distinguishable mainly by the roots in the area.

Discontinuing work on 002 to explore 009 area.

Basket 22 contents: 1 piece pottery.

Locus 009

Removed modern concrete in N. Corner and scraped away dirt in water chanel to prevent it from mixing with 009.

Mirobriga 1983 East Bath Room 10 Kasey Ward
Trench in NW corner of Room 10

June 22 (cont)
Locus 009
Basket 23.

Locus 009 is (7.5 YR 4/6)
It seems to be a clay-like substance, very compact with fine particles on top and grainier particles lower down. It is easily distinguished from 001 above it. Top level 221.592.

225.817
4.225
221.592

Photo: 83.2.32 Locus 000
View to NW.

The soil in this locus has frequent streaks of a mustard color (2.5Y 7/6) from a rock. I noticed this in the other drain too, but have not seen it in any of the other soils. Soil also has tiny fragments of brick (Red) in with the sandier layers. Small bits of charcoal are also present

The ~~main~~ large fill consists of curved tiles average size c. 15cm², pottery, glass fragments, a piece of metal (pendant?)
Excavating in N~~orth~~ end of drain Locus 009
Finding a concentration of pottery and below the 5th brick a floor of red conglomerate similar to SW drain = Locus 011.
Coming upon something (Bone?) in area about level with Almeda's water chanel so I'm not working any further that way until I can remove the concrete.

Mirobriga 1983 East Bath Room 10 Kasey Ward
Trench in NW corner of Room 10.

June 22 (cont)
Locus 009.

Considering the amount of pottery I have found near the drain inlet, I plan to ~~excavate~~ explore the inlet later.

Basket 22 contents 44 pieces of pottery, 2 pieces of glass, 1 piece of (mosaic tessare?), 1 metal pendant, 1 (piece of metal?)

June ~~25~~ 27
Locus 009
Basket 24

Continuing down in 009 to 011. The nature of the fill remains the same as before, but the pottery density drops outside the immediate proximity of the drain.

Soil in 009 is looser in the area c. 2cm from ~~010~~ bricks. Is this due to root infiltration or some sort of bedding trench? (unlikely)

A rough check with a line level laid on 011 confirms my suspicion that the drain is getting deeper. H also seems to be getting narrower.

Basket 24 contents: 62 pieces of pottery, 5 pieces of metal, 4 pieces of unworked bone, 2 pieces of worked bone (parts of 2 needles)

Mirobriga 1983 East Bath Room 10 Kasey Ward
Trench in NW corner of Room 10

June 28
Locus 009
Basket 25

Sifting earth from yesterday (last bucket) in hopes of finding more of the bone needles found at the end of the day yesterday.

Sifting proved productive – 4 pieces of needles, including an eye and a point, so I plan to continue sifting the earth from 009.

Have taken chain to south balk. ~~Floor~~ in locus 009. I now plan to remove modern concrete in N corner and explore area under that. The chanel ~~was marble~~ set by Di Almeida was marble set in concrete.

Removed a small layer of loose fill under Almeda's chanel. Now continuing with 009.

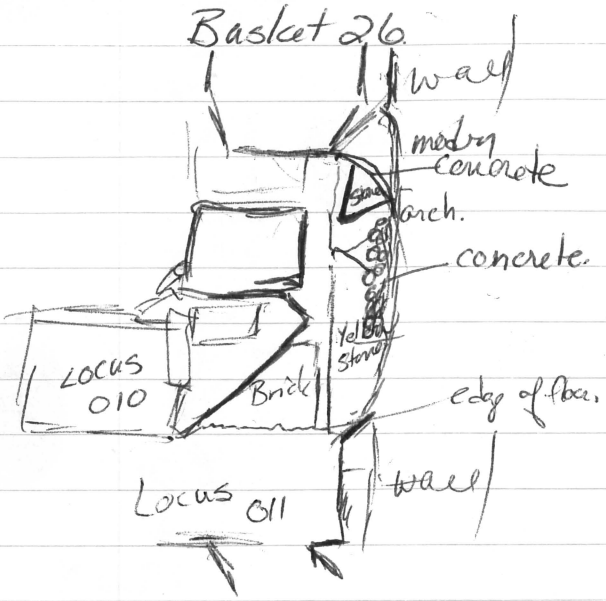
Levels: 011 N – S balk.
221.532 221522

Basket 25 contents. 65 pieces of pottery,
25a 10 pieces of worked bone (needles)
25b 7 pieces of glass.
25c 7 pieces of unworked bone.
25d 6 pieces of lead
1 bronze ring

The floor (Locus 011) ends as you ~~turn the~~ move west from the corner. I do not know whether it is broken or finished yet.

Mirobriga 1983 East Bath Room 10 Kasey Ward
Trench in NW corner of Room 10

June 29
Locus 009



Continuing to explore along NW wall.
Slightly under the arch (water inlet from the courtyard) I am coming upon a wall of concrete (Red & White type) I am also finding some brick in the fill - not present in other parts of drain. I Have also come upon a floor level. Locus 011 has a straight finished edge, then about 4cm lower there ~~are~~ a brick and a2 large stones ~~one~~ forming a lower floor level. Locus 011 seems to rest on the brick, and the concrete (the courtyard floor) seems to rest on the yellow stone The wall foundations also seem to rest on the yellow stone The Yellow stone is in line with the wall, perhaps it is all that's left of a the wall ~~that~~ where a drain was cut through.

Basket 26 contents 18 pieces of pottery (96B) 2 pieces of worked bone (96A) 11 pieces of iron & lead

Beginning to explore North drain inlet
Locus 012

Mirobriga 1983 E. Bath Room 10 Kasey Watts
Trench in NW corner of Room 10.

June 29 (Cont.)
Locus 012
Basket 27.

Going 50 cm into the ~~drain~~ inlet. This ~~drain~~ inlet was blocked off at some point, perhaps during the addition of the small apse NW of this Room. Removed all the loose soil from the top (no inclusions). Fill in 012 is very fine clayey soil - no Rocks or tiles included so far. The position is alluvial and the ~~clay~~ coal comes out in sedimentary layers. About ~~15~~ 20 cm above 011 level charcoal begins to appear in the fill. At 10 cm above 011 ~~bone~~ bone and rocks begin to appear.

~~Basket 27 contents~~ The floor of the inlet is made of a different kind of conglomerate than 011. This new conglomerate uses a wider variety of stones and is much rougher - as in Hypocaust floor of Room 17

Basket 27 contents: 6 pieces of pottery, 1 piece glass? 6 pieces of bone. 1 worked.

Remainder of 012 Removed by Katherine Beers. Same Basket.

-5.94 Mirobriga 1983 East Bath R. 10 Kasey Wad
-5.93 Trench in NE quarter of Room 10.
-5.91

22[illegible].672
5.94
221.732 June 29 (cont)
Locus 001
Basket 28

Top levels: 221.732
Dimensions: 140 X 180

Decided to open up the rest of the room in order to determine if the drains (Locus 011 and Locus 008) connect. Returning to 001 for removal of top layer.

The soil is the same, the chunks of concrete also occur, in about the same line as in the NW trench.

Beginning to find a continuation of Locus 010, but at a slightly lower level. This is to be expected if the entire drain slopes towards the NE corner.

Basket 28 contents:
1 piece of pottery, 1 bone, 1 piece of foil.

June 30.

Recording and Removing chunks of concrete, since they seem to be resting on soil.

The chunks are the same as in NW trench (see p 18). Some retain the plaster covering as in 007. In addition to the Red and White conglomerate, there are chunks of pink concrete similar to 006, probably once from there.

Mirobriga 1983 East Bath R 10 Kasey Hurd
Trench in NE Corner of Room 10

June 30, (cont'l).
Locus 009.
Basket 29.

Beginning to remove locus 009 in this area leaving 002 to protect the bricks of 010 until 009 is removed.

In the ~~N~~NE corner there is a concentration of bricks and plaster bits at random. Saving the plaster, since it has a finished edge.
I Have removed c 5cm off the top of 009, changing baskets as a precaution

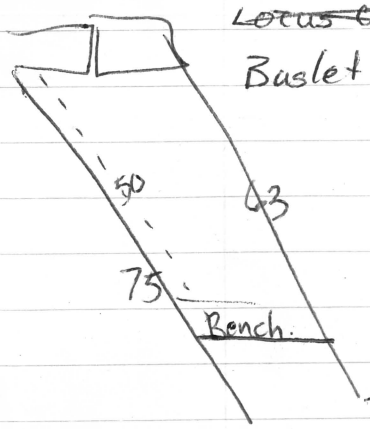
Basket 29 contents: 6 pieces of plaster. 1 piece of pottery, 1 piece of bone.

Locus 012
Basket 30 - No finds

~~Katherine~~ continues in locus 012 basket 30. No finds

~~Locus 009~~
Basket 31.

75cm from outside.
012 area extends 50cm into wall before it is blocked at the top by two stones. Below these two stones the opening continues for an unknown distance.



Color:
Top plan. C 83.5.6
~~Color~~: North inlet C 83.5.7
NW inlet C 83.5.8
To NW. C 83.5.9

Photographs taken: Black & White
Top plan: North Corner BW ~~Color~~. 83.6.18
Straight on NE wall. 83.6.19
Straight on NW wall. 83.6.20.
Into NW inlet. 83.6.21
~~Into~~ into North corner inlet 83.6.22.

Mitrobitza 1983 East Bath R. 10 Kasay Ward
Trench in NE Corner of Room 10

June 30 (cont) Following 009 towards NE corner The fill is the same as in N. corner. About -94 cm from the NE corner, I begin to loose the floor, (broken off at 80cm.) Then, it seems to re appear at a higher level. Unfortunately, I will have to wait until tomorrow to investigate this.

Basket 31 contents 23 pieces of pottery 2 pieces of unworked bone. 1 piece of glass, 2 pieces of worked bone

July 1, 1983
Locus 009
Basket 32.

Continuing to remove 009 towards NE corner. Locus 010 continues to 22cm from SE wall where the drain apparently turns the corner. ~~Examined~~ Hopefully, it joins with the drain in the S corner so that 009=005, etc. The SE corner is at a much lower level and ~~is partially~~ was covered by 002, so it is necessary to (NE) remove some 002 in this trench to reach the level of the bricks

Abandoning 009 for the present and removing some 002.
002 top levels: Wall: 211.677
W balk: 211.697

Basket 32- 2 pieces of pottery.

Mirabriga 1983 East Bath R. 10 Kasey Ward
Trench in NE quarter of Room 10

July 7 cont
Locus 002.
Basket 33

002 is of exactly the same character as earlier.
There is an area near the bricks (010) where the earth is more loosely packed than elsewhere. This appears to be the limit of Di Almeida's trench. The line is approximately equal to the edges of the chunks of concrete. (see top plan)
The softer soil contains bits of plaster as in the corner (see p).
New locus in this area - 013.
Top level 222.505. At wall. It seems to run into the NW trench at a natural angle between the pink concrete and the ~~wall~~ bricks (010).

222.597
222.92
222.77
222.505

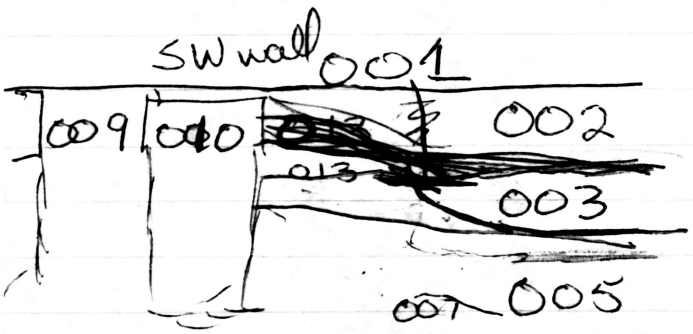
Continuing down in 002 in this trench only since, although I am at the level of 002 where I stopped in NW trench, the bricks would be lower along the SE wall.
Not continuing further down in NW trench because it is too near Di Almeida's ~~trench~~ manhole.
002 ends.

Basket 33 contents
6 pieces of ~~pottery~~ bone
1 piece ~~tile~~ pottery

Mirabriza 1983 E. Bath R10 Kasey Ward
Trench in NE quarter of Room 10

July 1 (cont)
Locus 003
Basket 34

Have now reached 003 level so I will continue downward in 003. Soil is the same as in SW trench with clay & pebbles more or less layered. Level: 221.597



013 seems to be a thin layer on top of 003. Removing it at this time level 221.597.

Basket 34 contents: 3 pieces of pottery.

Locus 013

(no finds)

(10 YR 5/4) Locus 013. 013 consists of very fine, soft soil, loosely packed It is very easy to remove by scraping with a trowel. 003 occurs beneath it. 013 has what looks to be bits of decayed plaster and some bricks in it.

Below 003/013 is 005 which is on top of a flooring level which slopes towards the SW (door)

Locus 005

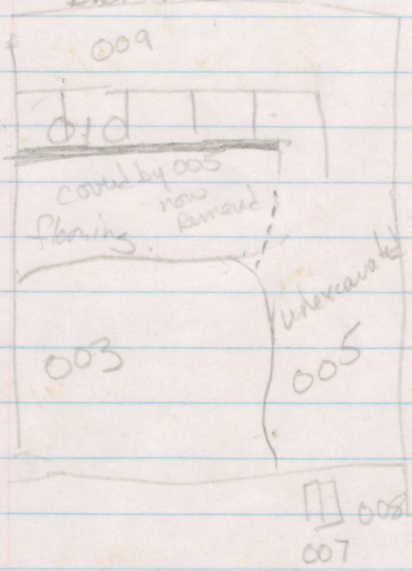
~~Am~~ now begin to remove 005

7/4/83
Locus 005

Levels taken: new flooring level 216.337
Removing 005 above flooring
As one expands outside the flooded area 003 reappears (see sketch next page), so I'm removing the 003 first.

Mirabriza, 1983 East bath R10. Kasy Wand
Trench in NE quarter of Room 10.

July 4, 1983
Locus 003.
Basket 35.



The 003 appears to have torn up pieces of flooring (small fragments of bricks included in the fill.

Switching to Locus 005 now in area which (I hope) is above the drain. 003 has been removed to level in SW trench. The hollow area beneath the flooring is visible – There is an area c 10cm between 010 and flooring (007).

Basket 35 contents: 1 piece of pottery

Locus 005
Basket 36

At edge of 005/003 near flooring I find some burnt pottery and some schist which also appears to have burned.

Assisted now by Katherine Bi[illegible]

From the same area as the burnt schist I find a piece of burnt bone and a large lump of clay

There is a section c 10cm wide near wall (patched with concrete) where the soil is very loose (di[illegible]

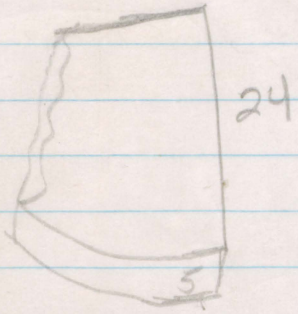
I have reached a level in drain area where there is a great deal of blackened soil, signs of burning to (7.5YR3/0) (7.5YR 4/0) –

Mirobriga 1983 East Bath, Room 10 Kasey
Trench in NE quarter of Room 10.

July 4, 1983
Locus 005/

Because of this, I am changing baskets. Level at burned area 221.362
Level of highest burned brick - 221.427

Basket 36 contents: 7 pieces of bone, 11 pieces pottery, 2 pieces plaster, 1 stone.



Basket 37
Locus 005

Fill in 605 - pieces of tile, stones from a column, 1 large curved brick, pieces of pink plaster

There is a great deal of charcoal in the fill at this level (burned area mentioned above)

Another feature of this section is the presence of a number of large stones c. 15 x 15 x 15 cm. These are randomly dispersed. The large stones occur in and out of the "drain" maximum width from the wall is 70 cm. Apparently the drain was cut through and then the area was refilled with these large stones.

Basket 37 contents
11 pieces of pottery
3 pieces of glass
10? pieces of bone
1 piece of metal.

The compaction of the fill in the broken area isn't constant. There are areas where things are very compact and other areas where there are air pockets, especially around the larger stones.

Mirobriga 1983 East Bath R. 10 Kasey
Trench in NE Quarter of Room 10.

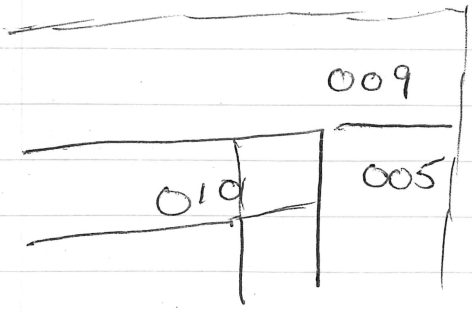
July 5, 1983.
Locus 005.
Basket 38

Removing the fill in ruined portion of drain to show ends of walls, and floors. - Finished clearing out area of ruined drain. fill in this area c 50% large stones, 20% bricks also tile, schist, pieces of flooring (small brick fragments), 1 large piece of conglomerate. 2 large stones are limestone sandstone types average volume: 1580 cm^3 (larger) 480 cm^3 smaller all are basically rectangular, ie. like stones from a wall. Bricks are narrow rectangular, 8x4x— (none complete) some have remains of mortar on them.

Basket 38 contents: 2 pieces of pottery.

Basket 39
Locus 005.

Changing baskets and moving into Locus 005 near ~~SE~~ corner of room.
005 in this area still has a great deal of charcoal in it and may be contaminated by broken area. for this reason 005 will end at corner and 009 will be the remaining drain fill. (See sketch)



Basket 39 contents 2 pieces of bone both worked? 10 pieces of pottery.

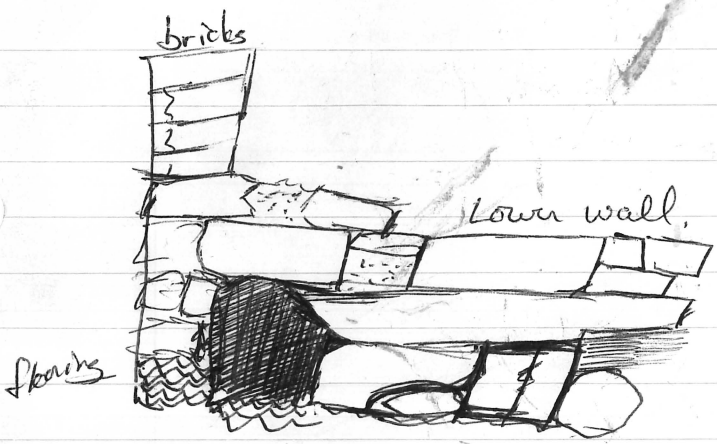
Mirobriga 1983 East Bath Room 10 Kasey
Trench in NE Quarter of Room 10.

July 5, 1983 (cont.)
Locus 009
Basket 40

Beginning on locus 009 to complete removal of the drain fill

Sieving done by Kathleen ~~Stone~~ Biers and Fatima.

Flooring (Locus 010) has apparently fallen in in places. I find some sections at a lower level than other sections.



Near corner, there are more fallen bricks and more charcoal. Quite a bit of pottery also.

Near corner on SE wall I have uncovered what may be an outlet for the drain. (See sketch) It is very difficult to dig out, but I have gone c. 15cm in to it and it appears to continue.

Bricks from this area: 2cm thick, 4cm thick, 5cm thick, All broken, one square brick is 6x4 on end, length not preserved.

Basket 40 contents: 54 pieces of pottery, ~~(de)~~ 7 pieces of unworked bone 3 pieces of worked bone, 1 piece of metal - 10 pieces of glass

Mirabriga 1983 East Bath Room 10 Kasey.
Trench in ~~NE~~ quarter of Room 10

July 6 Final cleaning of Room in preparation for photographs. Photographs taken:

View	BW	Color
Drain to East corner view to SE	83.10.3	C 83.6.25
View of NE half of Room, view from above to SW	83.10.4	C. 83.6.26
General View to West (from above/west)	83.10.5.	C 83.6.27
View from above 005 (broken area)	83.10.6	—
Benual view to SW	83.10.7.	C 83.6.28
Detail of molding in NW wall	83.10.8	—
Detail view to NE 007 010	83.10.9	—
Detail, edge of 008 to SW	83.10.10	—
Detail of ~~NE~~ corner to SE	83.10.11	—
Entire room from above, to NE	83.10.12	C 83.6.29

Levels taken: (see final top plan.

~~Housecleaning~~: - The marble chanels removed on ( ) are 13 cm wide and the chanels go down the approximate center of the slab. The similar chanels in the W. Bath latrine are 20 cm wide and the chanel is off-center.

Since the chanels were set in concrete, they ~~are definitely modern~~ were not in situ

Cemented area in SE wall is a different type of cement than di Almeida used in his other constructions, but both types appear in the water chanel repairs

Mitrokinga, 1983 E Baths, Room 10. Kasey Ward.
Final notes on Room 10.

7/8/83

Description of Locus 010. - Maximum of 6 courses preserved above drain floor level, top layer has remains of mortar on it, so there may have been more. Construction proceeded from the walls to the centre, and the side towards the wall was finished while the side towards the interior of the room was left unfinished (stuck into cement as in SW corner). In the E corner, the drain wall has pulled away from the flooring and is in danger of tumbling inwards towards the walls.
E The uncollapsed portions of the drain flooring show a slope of .

Bricks used in the construction of the drain walls are typically 22x22x3.5 in the North corner, with the occasional use of smaller bricks. 8x4.5x...) (none complete) towards the East, the size of bricks is more variable. One in the 3rd course is 31x c.17 x4. Mortar thickness is 1cm in NW drain and 5cm in SW section.

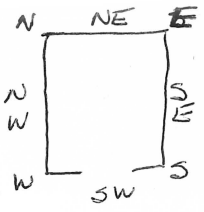
In the N corner, the lower courses have been hacked away to form the channel (2 courses) while the upper ~~courses~~ edge ~~and~~ was made by using the edge of a brick.
pl = 30cm.

The flooring of the drain was placed on some sort of support with open areas between the supports. The section preserved in the SE area has bricks on

Mivobuiga, 1983. East Baths, Room 10. Kasuyuki

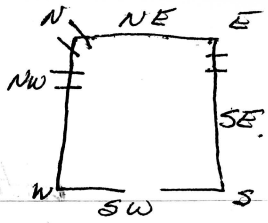
7/8/83 end under the flooring, along with the curious arrangement of bricks shown on page 14.

7/8/83 Room refilled up to level of top of 010 and top of 006. NE drain left exposed, as was top of 006 in W. corner



Photographs.

BW #	Description	Color #
83.2.7	View to SE wall	
83.2.8	General View to NW	
83.2.9	General View to SW	
83.2.12	View of drain (Locus 008)	
83.2.13	View to NE before digging	
83.2.32	Locus 010 view to NW.	
83.6.18	Top plan North Corner.	C 83.5.6
83.6.19	Straight on NE wall	
83.6.20	Straight on NW Wall	C 83.5.9
83.6.21	Into NW inlet	C 83.5.8
83.6.22	Into N inlet	C 83.5.7.
83.10.3	Drain to E. Corner View to SE	C 83.6.25
83.10.4	NE half of Room, from above/to West	C 83.6.26
83.10.5	~~View from above 005 broken~~ General view to west	C 83.6.27
83.10.6	View from above 005 broken	
83.10.7	General view to SW	C 83.6.28
83.10.8	Detail of moulding in NW wall	
83.10.9	Detail view to NE 007, 010	
83.10.10	Detail, edge of 008 to SW	
83.10.11	Detail, E corner to SE	
83.10.12.	Entire Room from Above to NE	C 83.6.29



Summary.

East Bath, Room 10

In the earliest phase, Room 10 did not exist as a room, only the NE wall was present. At that time there was a functioning drain channel built (with the wall) in the North corner of the room. This channel was floored with the same white stone aggregate used in Room 17 (hypocaust). The drain may have served a pool in the original construction phase.

In the second phase, the apse was constructed to the NW, blocking the original drain channel. The room walls (NW, SE, SW were added, and an inlet was made in the NW wall to accomodate water draining from the apse into the courtyard and from the courtyard. The NE and SW drains were constructed, along with the 007 flooring and probably the 006 flooring also. The water either exited through the hole in the SE corner or through an undiscovered outlet in the S. corner. The remains of the brick walls of the drains show that the face was fairly smooth on the inside (wall side) and rougher towards the center of the room. This may indicate that the bricks were set into concrete as in the SE section of 007. In the NE drain, the bricks would have been set into a layer of pink concrete.

(part of the courtyard flooring extends into the inlet.)

The lower courses of bricks in the N corner of 010 were originally next to the flooring edge, but at some time a change was made and they were hacked away to form an angle as is preserved in the upper courses.

Sometime after this construction, the drain filled up.

At some later time, the channel under Room 10 collapsed, destroying part of the SE & NW walls, a section of the drain, and part of the flooring. A trench was dug in the center of the room to make repairs and the walls were repaired and covered with cement. The trench was then refilled

with the drain fill, the broken drain flooring, and the unused stones from the wall collapse. Perhaps also at this time a "manhole" was built to route the water from the courtyard into the water channel below. A lot of the fill was put in the room in order to level it off. In the course of this leveling done by de Almeida, several chunks of flooring which either broke off in the collapse of the channel or were cut through by de Almeida were reused.

~~Room~~ 4
Room 10

NE wall. Rubble and mortar. scaffolding hole brick lined top and sides beginning at 1.26 fr NW corner. and at level of upper ledge. Ledge: W. 0.32 construction stone - some brick in upper level Upper surface covered with modern cement. Above ledge wall covered with modern cement in area W 0.56 at base - possible vertical face preserved at 1.05 from East. for ca. 0.45 above ledge. ~~This~~ Ledge perhaps a bench originally.

Below ledge or bench top of foundations for wall preserved at west end projecting ca 0.10 m. from face of wall H. ca. 0.40. 0.45 above level of drain below. Water channel brick built at time of construction. The foundations for the wall have been built up with courses of bricks, 6 at east, 3 at west presumably to provide a ledge for the cover tiles of the drain. Face of the foundation exposed by construction of the later drain - very rough but not hacked away - caused by method of construction. H. of top of bricks above drain preserved at max. of + 0.70. Modern cement on top. Top of foundations of this wall are higher than that of other 3 walls of the room. Ground level lowered when room constructed. But then cover tiles of drain would have been above floor level of room.

ca 222.222

Mirobriga 1985 Room 10

June 27

The modern drain conducting water from the courtyard of the East Baths to the water channel below was rebuilt with ancient bricks and modern cement. The drain had been broken away for excavation of Room 10 in 1983.

RM

GENERAL IDENTIFICATION East Bath Rm 10 Locus No. 001

West corner: 221.837 West corner: 221.797 Date (s) 8/VII/83
East corner: 221.902 East corner: 221.722

Top levels ~~222.35~~ Top plan none ; Bottom levels _____ Top plan none

Sections none Drawn by architect ND Photo No. ~~none~~ 83,2,13

PHYSICAL DATA

What is it made of ?: Loose fill with many stones varying in size from 5 to 12cm diam, and ~~some small~~ pieces of E-C tiles, and chips of ~~slate~~. Much root disturbance. Stones, tiles & chips randomly dispersed.

What size particles ? sand to granule soil Color 7.5YR 5/4 brown

Features

Compass orientation _____

___courses high; ___rows wide

Overall dimensions _____

How was it built ?:

Soil Layers

Direction & Degree of slope from SW to NE

Degree of compaction : loose

Distribution of particles (e.g., random, laminated, graded bedding

STRATIGRAPHIC DATA

This Locus is below Loc. surface & is above Loc. 002

Latera extent Entire Room ~~1.60 m~~ Max. thickness 18cm Touches walls ~~ball(s)~~

How does this Locus relate to all other loci it touches ?:

This Locus is contemporary with which loci mentioned above ?:

How was this Locus formed ?:
Fill from de Almeida and sandy surface wash

09

001

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
1	6/8		1 coarse sherd, poss. CWF III, 1 unidentif. Rim, 1 brick.	Discarded - modern
2	6/9		1 modern tile, 1 brown glaved handle stub, 4 join & non join frag of modern pot. 1 1st cent? of White alenteco CWF I	Discarded - modern 2 frag bone? tooth, ? ~~D~~
7	6/13		3 burned brick, 4 frag, inc Rim of CWF I; 1 unidentified sherd;	Discarded - modern
20	6/21		1 base of Sines cooking fabric 2 frag White Alenteco CWF I 2 bottle caps	Discarded - modern
28	6/29		1 olla Rim, CW1 white Alenteco (candy wrapper)	discarded - modern

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

GENERAL IDENTIFICATION East Bath, Room 10 Locus No. 002
Date (s) 9/VI/83

W corner: 221.797
S " : 221.822

Top levels E corner: < 221.722 Top plan none 5; Bottom levels NW wall 221.492 Top plan none

Sections none Drawn by architect NO Photo No. none

PHYSICAL DATA

What is it made of ?: Fairly compact fill with many stones of various sizes, c. 5-10cm diameter, pieces of tefites, bricks, schist

What size particles ? small & fine to granular Color 7.5YR 5/4 brown

Features

Compass orientation _____

___courses high; ___rows wide

Overall dimensions _____

How was it built ?:

Soil Layers

Direction & Degree of slope from SW to NE

Degree of compaction : medium

Distribution of particles (e. g. , (random), laminated, graded bedding

STRATIGRAPHIC DATA

This Locus is below Loc. 001 & is above Loc. 003

Latera extent entire Room. ~~1 × 1.60 m~~ Max. thickness _____ Touches balk(s) _____

How does this Locus relate to all other loci it touches ?:

This Locus is contemporary with which loci mentioned above ?:

How was this Locus formed ?:
Fill from de Almeida

002

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
3	6/9		(no finds)	
4	6/10		(no finds)	
5	6/10		1 chip unidentified fineware.	discarded.
6	6/10		2 pining chips TSH. var. 1 1 iron nail	discarded.
8	6/13		Discarded - modern	—
9	6/14		1 iron nail	discarded.
11	6/14		(no finds)	
14	6/15		2 joining fragments white Alentezo CWF I, 1 piece pink Alentezo	1 iron nail discarded.
21	6/18		1 unidentified CW sherd. 1 white Alentezo? rim	discarded.
22	6/22		1 CW sherd	discarded.
33	7/1		1 frag CW III, burned on int.	discarded

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
		6	Iron nail (discarded)
		9	Iron nail (discarded)
		33	7 fragments unworked bone. discarded.

GENERAL IDENTIFICATION East Bathy Room 10 Locus No. 003

Date (s) VI/14/83

high at corner - 222.510
low at balk - 222.500

Top levels _____ Top plan 1 ; Bottom levels SE 221.412 NW 221.409 Top plan 2.

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of ?: Loose fill made of pebbles & chips of schist, etc with occasional mixture of clay in some areas.

What size particles ? c. 1cm² to grainy soil. Color 5YR 4/4

Features

Compass orientation _____

___courses high; ___rows wide

Overall dimensions _____

How was it built ?:

Soil Layers

Direction & Degree of slope 5 corner to all directions

Degree of compaction : very loose in areas without clay. fairly compact elsewhere.

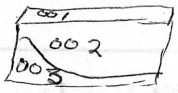
Distribution of particles (e. g. , random, laminated, graded bedding

STRATIGRAPHIC DATA

This Locus is below Loc. 002 & is above Loc. 005

Latera extent _____ Max. thickness _____ Touches balk(s) _____

How does this Locus relate to all other loci it touches ?:
It is below some parts of 002 and at the same level as other parts



This Locus is contemporary with which loci mentioned above ?:

How was this Locus formed ?:
? de Almeida fill, perhaps a load dumped in S. corner and allowed to spread out.

003

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
10	6/14		1 unidentified fineware sherd.	discarded.
12	6/14		2 frag. modern roof tile, 2 frag CW III.	discarded. #359
13	6/15		1 piece of ancient tile fabric? 1 unidentified CW, prob post-roman	discarded. [illegible] kept, reg.
15 ~~14~~	6/16		3 roof tiles, 1 overfired water pipe, 1 brick. 2 frags white Alentezo (join) CW I 1 very burned unidentified CW import. 1 burned CW III,	discarded. 1 iron stone. 2nd half 1st 1st half 2nd 1 cypriot sigillata ~~&~~ if cypriot or possibly African Red Slip not before 3rd or 4th cent.
16	6/17		2 joining fragments of a olla (?) rim CW III, 1 other sherd	discarded.
34	7/1		1 tile, 1 CW III with burning, wheelmade. 1 burned greyware.	(discarded)
35	7/4		White alentezo? heavy base with orange wash on ext.	(discarded)

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
		15	1 iron nail (discarded)
		15	1 piece of ~~[illegible]~~ stone (?) discarded

GENERAL IDENTIFICATION East Bath, Room 10 Locus No. 004
Date (s) 6/14/83

Top levels see below. Top plan _____; Bottom levels _____ Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of ?: Clay

What size particles ? very small. Color _____

Features

Compass orientation _____

___courses high; ___rows wide

Overall dimensions _____

How was it built ?:

Soil Layers

Direction & Degree of slope —

Degree of compaction : very compact.

Distribution of particles (e.g., random, laminated, graded bedding

STRATIGRAPHIC DATA

This Locus is below Loc. 002 & is above Loc. 002

Latera extent _____ Max. thickness _____ Touches balk(s) _____

How does this Locus relate to all other loci it touches ?:
This locus consists of chunks of clay in 002 fill.

This Locus is contemporary with which loci mentioned above ?:

How was this Locus formed ?:

804

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

GENERAL IDENTIFICATION East Bath, Room 10 Locus No. 005

221.522 S
221.515 SE

Date (s) 6/17, 83.

Top levels _____ Top plan none ; Bottom levels 221.277 Top plan none

Sections _____ Drawn by architect _____ Photo No. 83.2.7

PHYSICAL DATA

What is it made of ?: Layers of alluvial deposit with clay-like compaction on top and grainier ~~top~~ particles lower down.

What size particles ? very small (clay) to granular soil Color 10 YR 5/4

Features

Compass orientation _____

___courses high; ___rows wide

Overall dimensions _____

How was it built ?:

Soil Layers

Direction & Degree of slope _____

Degree of compaction : very compact

Distribution of particles (e.g., random, laminated, graded bedding
alluvial.

STRATIGRAPHIC DATA

This Locus is below Loc. 003 & is above Loc. 008

Lateral extent 22X3 meters Max. thickness _____ Touches balk(s) walls

How does this Locus relate to all other loci it touches ?:
Touches walls and 007 (drain wall) Touches 009 at corner.
SE & SW

This Locus is contemporary with which loci mentioned above ?:

How was this Locus formed ?: Silting up of drain.

005

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
17	6/17		14 joining & non joining fragments of CW III pitcher body and neck. 6 other fragments CW III - discarded 5.	~~314~~ 360
18	6/20		1 fragment of CW III pitcher (Basket 17) - kept 1 ~~CW~~ 1 CWF V rim? 3 unidentified CW, discard.	~~314~~ 360
19	6/20		1 brick, 1 tile.	discarded
~~20~~			~~1 tile frag, 3 frags CW III, 1 frag CW IV 1 olla rim of CW I, pink alentezo.~~	
~~[illegible]~~				bulbous pitcher rim with white on ext. 1 top of a terra cotta weight, pierced. ~~2 pieces of plaster or cement~~
36	7/4	Kept.	1 piece terra siggilata hispanica - 1st cent plate. 2 frags CW III, 2 very burned frags, inc a base prob also CW III + 1 unidentified similar, + 1 white Alentezu	
37	7/4	Kept.	5 joining frags of CW III? with pink wash, 1 frag white alentezu, 1 burned frag pink alentezo, 1 CW III, 1 prob brick frag, 2 unidentified burned, inc poss plate, coarse wares	dis.
38	7/5	361 ~~315~~ 362 ~~316~~	2 frags Afr Red Slip. of 3rd - 4th cent	
39	7/5	Kept.	2 pieces CW III, 1 possibly imported cooking, 6 pieces of white alentezo, inc. 2 burned & 1 handle.	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
		17	9 pieces of bone. - discarded.
		18	17 pieces of bone. - discarded.
		36	Bone. 7 pieces.
		37	2 pieces of Glass, blown. ~~bone, [illegible]~~
		39	2 pieces of worked bone.
		37	10 pieces unworked bone
		37	1 piece of metal (iron
		36	2 pieces pink mortar - discarded
	T2.	36	1 terracotta loom weight, pierced,

006

GENERAL IDENTIFICATION East Bath, Room 10 Flooring, upper Locus No.
Date (s) 6/17/83

Top levels 221.782 Top plan 1, 2, Final ; Bottom levels 221.607 Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of ?: Concrete, soft pink.

What size particles ? small Color 5YR 7/2

Features

Compass orientation _____

___courses high; ___rows wide

Overall dimensions 124X58X cm

How was it built ?:

Soil Layers

Direction & Degree of slope _____

Degree of compaction : _____

Distribution of particles (e.g., random, laminated, graded bedding

STRATIGRAPHIC DATA

This Locus is below Loc. 002 & is above Loc. — 007

Lateral extent 124X58 X 17.5 Max. thickness 17.5 Touches balk(s) walls.

How does this Locus relate to all other loci it touches ?:
It rests directly on top of Locus 007, upper level of flooring

This Locus is contemporary with which loci mentioned above ?: 007

How was this Locus formed ?:

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

GENERAL IDENTIFICATION East Bath, Room 10 Flooring Locus No. 007

Scarp 221.513
Center 221.574
Near Pink 221.607

Date (s) 6/17/83

Top levels _____ Top plan 2, final ; Bottom levels _____ Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of ?: Red stones in white plaster, concrete. Brick fragments?

What size particles ? c. 3cm³ Color Red 2.5 YR 5/8 average 2.5 YR 6/6

Features

Compass orientation _____

___courses high; ___rows wide

Overall dimensions _____

How was it built ?:

Soil Layers

Direction & Degree of slope _____

Degree of compaction : _____

Distribution of particles (e.g., random, laminated, graded bedding

STRATIGRAPHIC DATA

This Locus is below Loc. 006 & is above Loc. —

Lateral extent _____ Max. thickness 9cm. Touches balk(s) _____

How does this Locus relate to all other loci it touches ?: Lower layer of flooring, under 006. Also touches Brick structure of drain.

This Locus is contemporary with which loci mentioned above ?: 006

How was this Locus formed ?:

007

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

GENERAL IDENTIFICATION East Bath, Room 10 Locus No. 008
Flooring of drain Date (s) 6/20/83

Top levels 221.277 Top plan 2, final; Bottom levels _____ Top plan _____

Sections _____ Drawn by architect _____ Photo No. 83.2.12

PHYSICAL DATA

What is it made of ?: Red concrete/conglomerate.
white mortar, brick frags.

What size particles ? e. 2x2cm Color 2.5 YR 4/8

Features

Compass orientation _____

___courses high; ___rows wide

Overall dimensions 22x90, 22x70 (2 sections)

How was it built ?: Concrete/conglomerate placed on top of bricks, on end, on top of soil.

Soil Layers

Direction & Degree of slope _____

Degree of compaction : _____

Distribution of particles (e.g., random, laminated, graded bedding

STRATIGRAPHIC DATA

This Locus is below Loc. 005 & is above Loc. –

Lateral extent 22x90, 22x70 Max. thickness _____ Touches balk(s) walls.

How does this Locus relate to all other loci it touches ?:
Goes alongside Bricks of 007. (Floor of drain) = Locus 011

This Locus is contemporary with which loci mentioned above ?:
011

How was this Locus formed ?:

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

GENERAL IDENTIFICATION East Bath, Room 10 Locus No. 009
Fill of drain Date (s) 6/22/83

Top levels 221.592 Top plan 3,9 ; Bottom levels _____ Top plan 4 final

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of ?: Clay-like soil with alluvial arrangement. Inclusions: cund tiles, much pottery

What size particles ? very small Color 7.5 YR 4/6

Features

Compass orientation _____

___courses high; ___rows wide

Overall dimensions _____

How was it built ?:

Soil Layers

Direction & Degree of slope 7°

Degree of compaction : very compact.

Distribution of particles (e.g., random, laminated, graded bedding

STRATIGRAPHIC DATA

This Locus is below Loc. 001 & is above Loc. 011

Lateral extent 200 X 250cm Max. thickness _____ Touches balk(s) _____

How does this Locus relate to all other loci it touches ?:

This Locus is contemporary with which loci mentioned above ?:

How was this Locus formed ?: Filling of drain - silting up.

009 # 797 inventoried 1984

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
23	6/22		6 joining & 10 non joining frags of a white Alentezo CW I jar; 4 joing frags of a 2nd, burnt black.	323
cont.			5 other fragments CW I, including a rim. 2 frags CW V, 1 frag CW III 5 Frag CW III, 1 soft grey fabric	1 frag of 324
cont.			2 unidentified CW imports. 1 african Red slip foot & lower wall 1 chip of tile - discarded	2nd or 3rd cent? 363
24	6/27	323	4 frags of a 1st (orange slipped) and 3 or 4 of a 2nd + 2 joining fragments of a handle of one CW I white alentezo; 1 frag poss white Alentezo + 6 other white alentezo fragments. 1 base, possibly wheelmade of CW III + 3 frags + 1 with a black surface, 2 frags CW IV + 4 other frags CW III or IV burnished on exterior. 1 prob. frag CW V, 1 unidentified burned CW. One imported CW (Basket 25) 5 frags Afr Red Slip, inc. 3 non-joining frags of a bowl foot. 3 joining frags of a lamp wall or spur handle attachment with Red coating on ext. 1 possible lamp rim in CW III or related fabric, 2 other possible lamps, 1 burned 1 frag white alentezo possible 2 handled pitcher or small table lamp, 1 rim of a cooking pan with Red Slip on int. and upper ext. possible imitation of Pompeiian Red ware + 1 related burned floor base	324
cont	3 ARS feet	364		
cont.		319		320
25.	6/28	323 324	5 frags of a 1st & 7 frags of a 2nd vessel of CW I white Alentezo (basket 24) 6 more frags white Alentezo, inc. 1 Rim and 1 shoulder, which could belong to two small jars (see poss. WA frag 24) 10 frags of CW III inc 1 olla Rim, and 1 other which is burned on ext. 5 frags of tile. 2 frags CW V, very much burned + 1 everted Rim, 2 frags prob CW IV, 5 frags of same or related fabric, handmade. 3 frags of related fabric, burned on ext, prob including a Rim. 2 joining frag of a fusiform unguentarium of unidentified fab. 2 frags of different imported coarseware, poss. Amphoras. 2 small frags Afr RS, prob 3-4th cent. 1 mold made lamp handle of CW I, white alentezo, with partially pierced handle - not datable at present	
cont				
cont		321		
26	6/29		1 frag Afr R. slip floor of a 3-4 cent plate. 4 frags of 1st and 6 frags of 2nd CW I vessels, white Alentezo. 2 frags CW III, 2 frags, CW IV wheelmade. 2 frags (?) CW V also wheelmade, poss. burnished + 1 unfinished rim of plate, fabric unidentified burnished inside and out.	
29	6/30		1 base partially reduced CW III vessel.	
31.	6/30	323	5 frags of CW III, inc at least 2 wheelmade; 3 frag, inc 2 bases of Sines cooking ware. Frags of 5 white alentezo CW I vessels, inc a base and joining wall of small jar (see above) 3 frags; 2 join 1 non-join, of an imported cooking pot, wheelmade. 1 rim of a probably imported cooking pot lid of mediterranean type. 1 unidentified coarseware. 1 frag of Afr Red Slip foot in 24 or 26.	364
		324		

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
	83 m 37	23	1 silver? pendant clover leaf shaped.
		23.	2 joining fragments of colorless piece of glass.
		24	2 pieces Worked bone pins, ~~unworked bone~~, ~~metal~~
	83 m 40	25	1 bronze Ring
		25	5 pieces blown colorless glass
	B 26 B 27.	25	head & body B-1, 26 shuttle head B 27 Worked bone pin fragments, 10 pieces ~~metal~~, ~~unworked bone~~.
		31	2 pieces ~~bone~~, worked bone pins, ~~glass~~.

POTTERY East Bath, Room 10

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
32	7/1		2 frags white Alentezo	discarded,
40	7/5	323	5 joining frags of white alentezo pitcher with bulbous neck, out turned rim, handle. 10 frags white alentezo bowl (other baskets) 9 other	
		324	fragments white alentezo, some of which may join other baskets. 1 frag cw IV, 1 frag of imported cooking pot, 1 frag of imp	
			coarseware, amphora fabric. 4 frags CW IV 1 ~~frag of imp~~ 12 joining & nonjoining frags of poss wheelmade CW III cooking pot. 1 Local moldmade lamp shoulder, 3 frags Afr Red Slip,	
			including 1 rim of Hayes form 50, 3rd cent. — 322	

MATERIAL CULTURE

		24	✓ unworked bone. 4 pieces	
		24	✓ metal 5 pieces	
		25	✓ metal 6 pieces lead	
		25	✓ unworked bone 7 pieces	
		~~31~~ 26	✓ 2 pieces worked bone	
		26	✓ metal 11 pieces, iron & lead	
		~~27~~	~~✓ 1 piece worked bone~~	
		~~27~~	~~3 pieces unworked bone~~	
		31	✓ unworked bone 2 pieces	
		31	glass 1	
		40	✓ glass 10 pieces, inc. 5 blown colorless.	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
	B1-25	40	✓ worked bone, 2 joining frags bone pin. + 2 frags
		40	✓ bone 7 pieces
		40	✓ metal 1 piece lead
		29	plaster, unpainted backing 6 pieces discarded
		29	✓ unworked bone, 1 piece

GENERAL IDENTIFICATION East Bath, Room 10 Drain Locus No. 010
Date (s) 6/17/83.

Top levels _____ Top plan _____; Bottom levels _____ Top plan _____

Sections _____ Drawn by architect _____ Photo No. 83.2.32

PHYSICAL DATA

What is it made of ?: Bricks.

What size particles ? _____ Color _____

Features

Compass orientation _____

6 courses high; 1 rows wide

Overall dimensions 22 x 250cm.

How was it built ?: Bricks of irregular sizes were aligned on the west side and set into concrete.

Soil Layers

Direction & Degree of slope _____

Degree of compaction : _____

Distribution of particles (e.g., random, laminated, graded bedding

STRATIGRAPHIC DATA

This Locus is below Loc. 001, 002 & is above Loc. -

Lateral extent 22x250cm Max. thickness _____ Touches balk(s) _____

How does this Locus relate to all other loci it touches ?: Forms container for locus 009, Runs beside locus 011.

This Locus is contemporary with which loci mentioned above ?: 011, 009, 008.

How was this Locus formed ?:

010

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

GENERAL IDENTIFICATION East Bath, Room 10 Locus No. 011

NW 221.532 floor of drain Date (s) 6/22,

Balk 221.522

Top levels _____ Top plan _____; Bottom levels _____ Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of ?: Concrete, Red ~~conglomerate~~ conglomerate

What size particles ? _____ Color _____

Features

Compass orientation N-SE

6 courses high; 3 rows wide

Overall dimensions 300X40cm.

How was it built ?: (See Locus 008)

Soil Layers

Direction & Degree of slope N-SE

Degree of compaction : _____

Distribution of particles (e.g., random, laminated, graded bedding

STRATIGRAPHIC DATA

This Locus is below Loc. 009 & is above Loc. _____

Lateral extent 300X40cm Max. thickness _____ Touches balk(s) _____

How does this Locus relate to all other loci it touches ?: Equals 008.

This Locus is contemporary with which loci mentioned above ?: 010, 008, 007

How was this Locus formed ?:

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification

GENERAL IDENTIFICATION East Bath, Room 10 Locus No. 012.
Date (s) 6/29

Top levels 221.837 Top plan 3 ; Bottom levels ~~60~~ Top plan 4, Final.

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of ?: Silt fill in blocked off drain, on top of Rough conglomerate.

What size particles ? very small. Color varies.

Features

Compass orientation _____

___courses high; ___rows wide

Overall dimensions _____

How was it built ?:

Soil Layers

Direction & Degree of slope _____

Degree of compaction : very compact

Distribution of particles (e.g., random, laminated, graded bedding

STRATIGRAPHIC DATA

This Locus is ~~below~~ Beside Loc. 009 & is above Loc. _____

Lateral extent _____ Max. thickness _____ Touches balk(s) _____

How does this Locus relate to all other loci it touches ?:

This Locus is contemporary with which loci mentioned above ?:

How was this Locus formed ?:
Wash from drain built up in layers after this channel was blocked.

012

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds
27	6/29	WP09 323	1 modern(?) tile frag, 2 pieces CW III (2 join + 1), 2 pieces CW I white alentejo, inc 1 with orange wash, prob same vessel as 1004 25, 24, 23, etc.	
30	6/30		no finds	

MATERIAL CULTURE AND OBJECTS

MC	Reg. No.	Assoc. Pottery Basket No.	Identification
		27	✓worked bone. 1 piece
		27	✓unworked bone 5 pieces

GENERAL IDENTIFICATION East Bathy Room 10 Locus No. 013
Date (s) 7/1

Top levels 222.505 Top plan _____; Bottom levels 221.4 597 Top plan _____

Sections _____ Drawn by architect _____ Photo No. _____

PHYSICAL DATA

What is it made of ?:

What size particles ? very small. Color _____

Features	Soil Layers
Compass orientation _____	Direction & Degree of slope _____
___ courses high; ___ rows wide	Degree of compaction : very loose
Overall dimensions _____	Distribution of particles (e. g. , random, laminated, graded bedding
How was it built ?:	

STRATIGRAPHIC DATA

This Locus is below Loc. 001 & is above Loc. 005, 007

Lateral extent 30 to 10 X 60 Max. thickness _____ Touches balk(s) walls

How does this Locus relate to all other loci it touches ?:

This Locus is contemporary with which loci mentioned above ?:

How was this Locus formed ?:

POTTERY

Basket No.	Date Dug	Level	Field Reading	Reg. Sherds

MATERIAL CULTURE AND OBJECTS

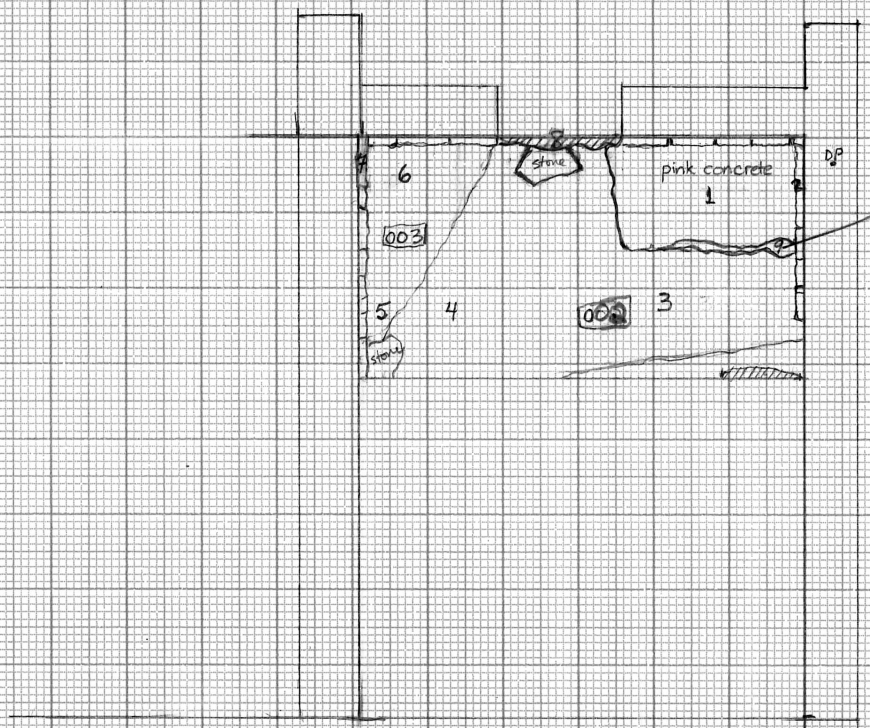
MC	Reg. No.	Assoc. Pottery Basket No.	Identification

MIROBRIGA 1983
EAST BATHS
ROOM 10
14/VI/83
TOP PLAN 1

datum point = 222.597

LEVELS

	cm Below DP	ASL
1 –	80	221.782
2 –	71	221.887
3 –	97	221.627
4 –	96	221.637
5 –	97	221.627
6 –	87	221.727
7 –	66	221.937
8 –	65	221.947
9 –	90	221.772



▨ = modern concrete

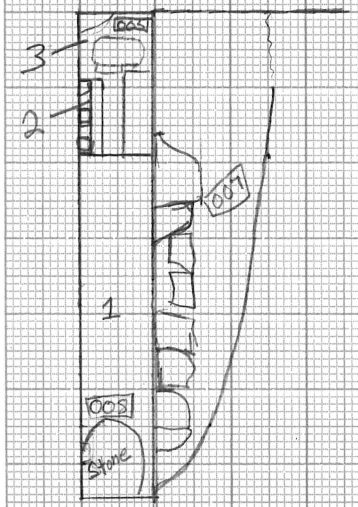
SCALE 1:50

2

Mirobriga 198
East Baths
Room 10
6/21/83
Top Plan 2
Final for SW

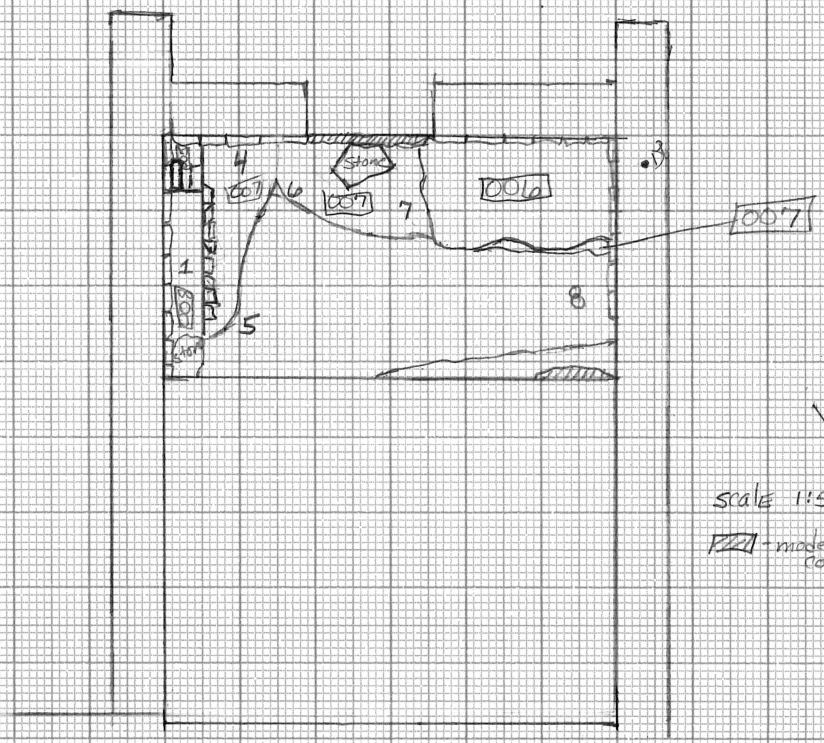
Final for SW trench

detail: drain loci 007, 008, 005.
scale 1:25



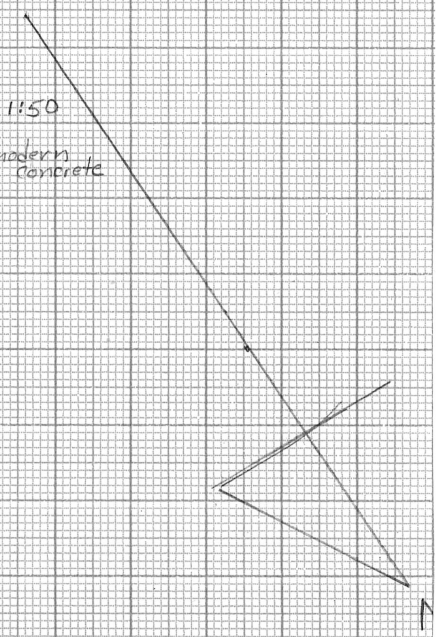
Levels (ASL)

1: 221.277
2 221.202
3 221.117
4 221.512
5 221.412
6 221.574
7 221.607
8 221.409



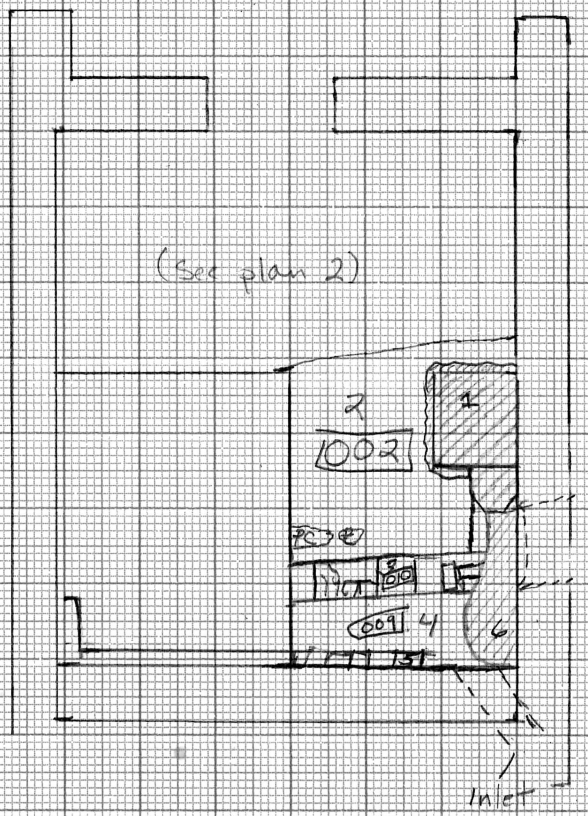
scale 1:50

- modern concrete



Mirohriaga 1983
East Bath
Room 10
6/21/83
Top plan 3
NW corner trench 1

Levels. m ASL
1 221.77
2. 221.65
3 221.742
4 221.967
5 221.775
6 221.750



= modern concrete
PC = Pink concrete.

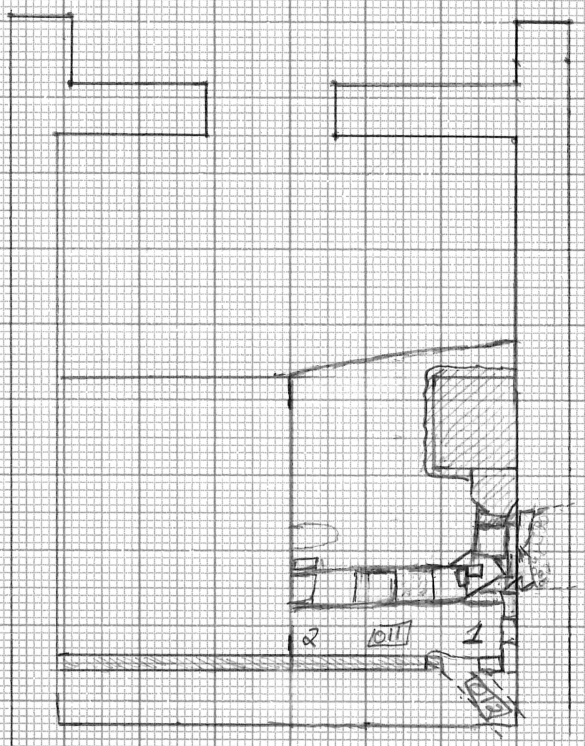
1983

Mirabriga 198

East Bath
Room 10
6/29/83.
Top plan 4
N W Corner trench
Final

Levels: m ASL

1 221.532
2 221.522



1983

Mirobriga

East bath

Room 10

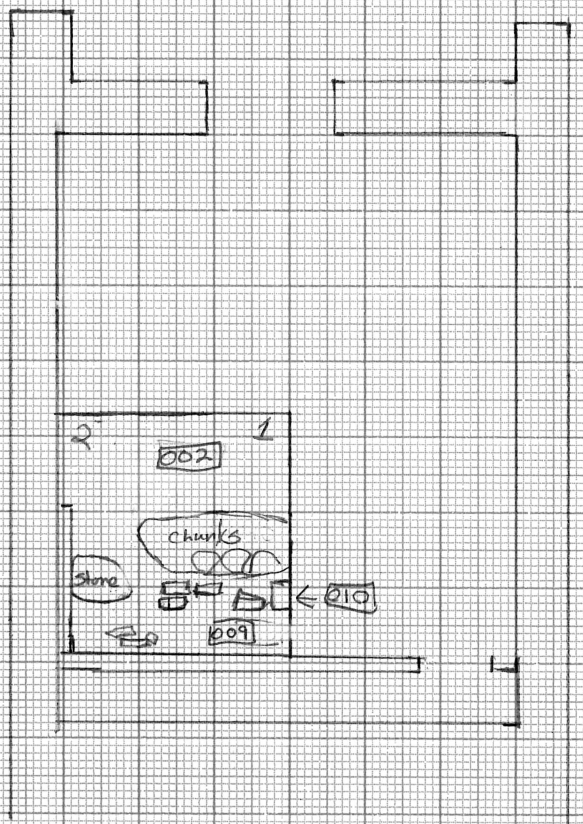
Top plan 5

NE Quarter 1

Levels: ASL

1 221.697

2 221.677



1983

Mirobriga

East Bath

R10

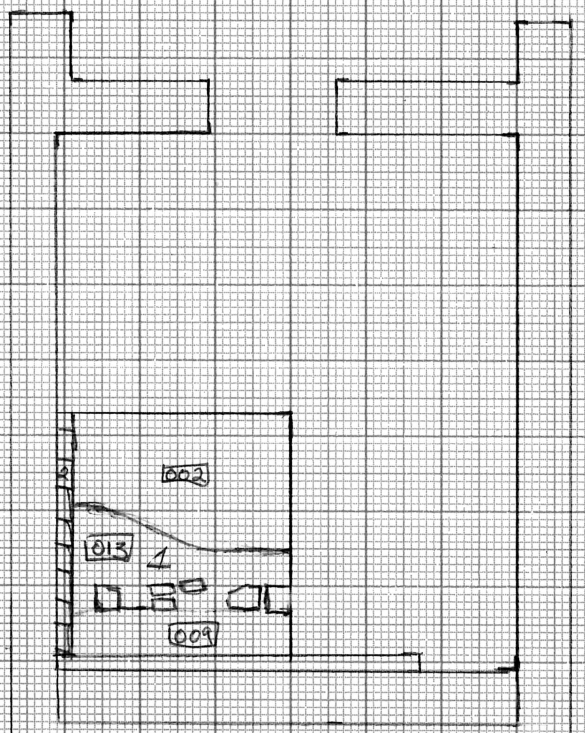
Top plan 6

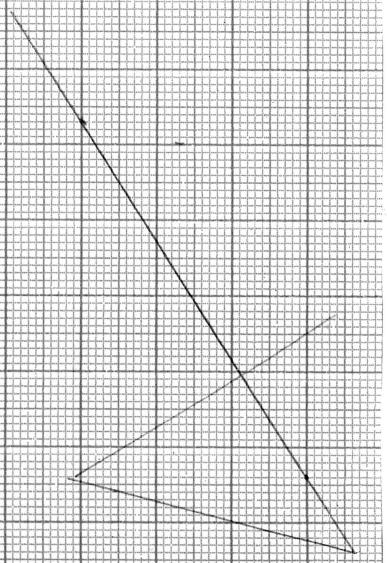
NE Quadrant 2

Levels ASL

1 222.505

2 221.937





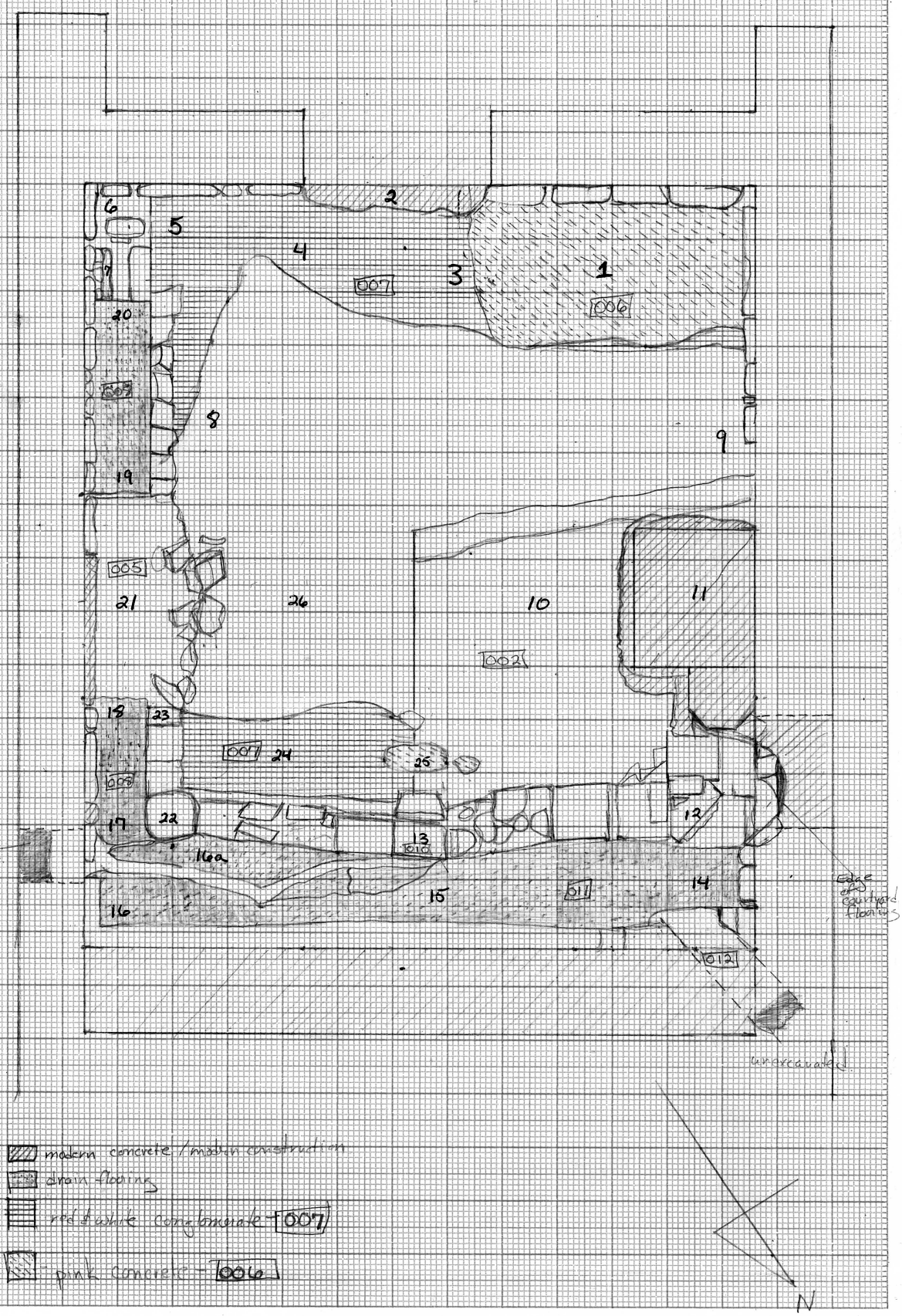
1

Levels: Final top Plan, East Bath Room 10.
Meters above Sea level.

1 221.872
2. 221.947
3. 221.607
4. 221.574
5 221.512
6 221.117
7 221.202
8 221.412
9 221.409
10 221.577
11 221.822
12 221.732
13 221.722
14 221.532
15 221.522
16 221.347
16a 221.262
17 221.252
18 221.202
19 221.252
20 221.277.
21 221.162
22 221.582
23 221.252
24 221.442
25 221.607.
26 221.387.

Mirobriga, 1983
East Baths, R 10
Final top plan

Scale: 1:25



modern concrete / modern construction
drain flooring
red / white conglomerate - 007
pink concrete - 006

NATIONAL
83-281 3 Ring
83-289 3 Ring with Clip
Made in U. S. A.

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Digitization Information Page

Local identifier	MirobrigaBinder4

Source information

Format	Manuscript
Content type	Text (handwritten); archaeological maps
Source ID	Faculty member copy; not added to collection
Notes	Some graphs are trimmed at the bottom with loss of text

Capture information

Date captured	March 2019
Scanner manufacturer	Ricoh and Zuetschel
Scanner model	MP C4503 and OS 15000
Scanning system software	
Optical resolution	600 dpi
Color settings	24 bit color
File types	tiff

Derivatives - Access copy

Compression	Tiff: LZW compression
Editing software	Adobe Photoshop CC
Resolution	600 dpi
Color	color: covers and a few pages with pencil handwriting; gray scale texts
File types	pdf created from tiffs
Notes	Images straightened, canvas size 8.5 in x 11 in Blank pages are not included.