by small stones (15-23 cm long). The oven or perhaps hearth sits (conveniently) against the W wall of the trench, about 2m 10 from the SW corner, and ca 35 cm N of the C wall found earlier, Wall 57. There is some reddish earth within the oven/hearth, and a couple of the stones seem burnt. Between it and Wall 57 are 2 stone, perhaps for support (?).

The fill in this area is very soft, slightly sandy; it probably contains ash. At this level we suddenly discover that Wall 55 does continue westward, under Wall 57 which does not align with it but rather is built 20 cm further N.

we change how to

Pail 13
under Pail 10
from 19.50
to 19.45
soft, black/loam fill
content: uniform earth, burnt joints with Pails 4 and 10
other: shells, bone, obsidian, stone
punctuated: sherd of C 1273 from Pail 10
C 1300 "baby feeder"

for this room. All the pails from this room, from Pail 4., are being dry-sieved (viz. 4, 10, 13 so far). Judging from the presence of the oven/hearth, the ashly fill, burnt bone, and the quantity of sherds, we must be inside here. W of Wall 54, curiously enough, we seem to be outside - there are few sherds and the fill is speckled with bits of limonite.
July 25, 1978

Yesterday we finished removing the ashy blackish fill in Room 66 (W of Wall 54); the sherds went into Pail 13. Today we are abandoning this room (temporarily), in order to clear the area S of Wall 55, the W-E wall, to the level reached last year in Trench 16A. This should help us understand the peculiar alignment of Walls 55 and 54. After finishing Pail 6 we open Pail 14.

Under Pail 6

| 10 | 12 | 14 |
---|---|---|
| 1963 | 1951 |
| brown fill |
| contains: good LHIII B unit |
| other: bronze ring, halls, bone |
| maintained: see opposite |

E of Wall 54 we continue with Pail 11. Both Walls 54 and 56 continue, and there are several slabs fallen askant, which indicate that we have some depth before floor/count level.

S of Wall 55, we have discovered that Wall 54 continues to the N boundary of Room D' excavated last year. The N wall of Room D' seems to be built over this continuation which may itself have cornered E, underneath the present structure. Wall 55 may have been set over this stretch of Wall 54 in order to make a corner with it. West this corner, some stones have been badly sloppily placed against the junction of Walls 55 and 54. This group of stones is just under 60 cm wide, as is Wall 55. (Wall 54 is roughly the same.)

Pail 14: unwarranted objects

* IG sherds with linear B sign (?) = ti, sign 37
  + c1310 pyxis sherd
  + c1311 bowl(? )base
  + c1312 decorated sherd

* de-accessioned. E. Hallager said not possible, as upright stroke of "SIGN" aligns with wheel marks on pot interior (!)

+ C3085 sherds from K771/1182/3; 2:28 belong to same vessel, possibly from Hagia Triada
  (C3085 now decatalogued)

G. Notebook 16, pp. 28, 29.
width.) The sloping stones extend 40 cm W of wall 55; they then dwindle to a rather line of stones, only 25–30 cm wide, which in turn runs into wall 55. Of the main line of stone, there was a patch of bloodish earth much like the fill in room 66 in the N, containing similar pottery (small fragments), burnt bone, and burnt shell. The fill from this small area was dry-sieved, but not kept separate.

We have probed—unsuccessfully—for a threshold between the larger blocking stone and wall 55, and wall 57. It may be at a lower level. It is still hard to understand why wall 57 is set slightly to the N of the corner of wall 54 and 55. Likewise the curving line of stones already found remains enigmatic. There seem to be only 2 rough courses to the curving line, and at the moment they are sitting on some 30 cm of plain earth.

In the area E of wall 54 there are also some interesting developments. Wall 54 at the moment seems to stop ca 60 cm short of the N end of the trench, although it must be said that it may continue. At the moment we are cramped for space because of fallen stone in the NW corner of the trench, and it is difficult to tell, in any case, wall 54, apparently soaps and comes E. It stops again, leaving a gap of 1m 35 between it and wall 56. A small (1m 90 N-S ext. dim.) 1m 50 from E face of wall 54 to E of enclosure enclosure has been built against wall 54, it is quite strictly built, including one stone which is 5cm long. Within it are stones fallen vertically. One of the stones in the
Stone from Pail 15: ss cobble/igneous pebble

Swall of this enclosure is a stone basin fragment, which joins with a larger piece found in the layer above (Pail 9). So far there is no visible doorway for this enclosure, unless there was one in the Swall where the basin fragment is, along with some other smaller stones. If the floor isn't very much below our present, the lack of a doorway is not too great a problem. The enclosure could have been a pen or bin.

We have opened
Pail 15
Under Pail 11
from 19.53
To 19.40
brown fill
content: nothing new, later than IIIA. Little diagnostic
other: shell, stone
inventoried: C131 3 Marine style shard LM18

The dry-standing S of Wall 55 has produced a small bronze ring. We are now digging the area outlined by the E side of the trench, the N wall of Pail D', the S continuation of Wall 54, and Wall 55. Sheds from here will go into
Pail 16
under Pail 14
from 19.51
To 19.39
brown fill
content: latest date IIIA-B.
other: bone, shell, ?quern frag. left at site
inventoried: —
we continue in Space JJ (see plan opposite for space designations), having opened Pail 17, under Pail 15 from 19.40 to 19.42.

Brown fill, hard

Contents: nothing recognizably later than L.M.I.

no cooking tray

other: shell, bone, stone (= chest fragment)

inventoried: -

To the S in Space KK we continue with Pail 16. We have found one flat slab here and are assuming that it indicates a floor level. We have also probed to see whether there might not be a slab floor underneath, and there didn't seem to be. All these walls - 55, 54 and 41 East (the N boundary of 'Space D') - seem to continue downwards at this point. Several large stones were removed in order to clear off this level; there are others in the E Scarp. We have noted too that there are quite a few beach pebbles. Very little pottery emerged from this space and most of the sherds are fairly small.

To the N in Space J we have found a slab with cutting (see plan) to the S of 2 superposed blocks in the little pen. It must be reused, like the long stone in the E wall of the enclosure which was part of a cutting too. Perhaps this new stone is a step in a small stairway in front of the enclosure. The enclosure itself is too small to be the support for an exterior stairway. To the W of the new stone is a whole conical cup sitting at a lower level. We take this as an indication that the floor is yet to come. Previously we had thought that we had reached a floor level,
because there were a couple of slabs toward the N end, I had ventured. We had started
to dry, since Pail 97 (even though the sherds
were relatively few in number and small to boot), but we have stopped now. Sure enough, we begin to find more slanting and
vertical stones. The fill here is slightly wetter
than that above and contains no pottery.
Some fragments of a cooking tray with spout
have been found near the corner of walls 54
and 55.

We had left Space 56 (at an arbitrary level
where the ashy fill seemed to fade out) two
days ago, and today it seemed appropriate
to renew our investigations. We are digging
down to find the original floor of the room, since
the hearth, oven sits so high that we suspect a
re-use of the space. We are laying a strip of
care N of the hearth/oven, and digging the
small area up to wall 55. For this we open
Pail 12
under Pail 13
from 13.45
19.29
blackish soft fill
content: latest sherds LM III B, no joins, mixed fill
other: bone, shell, etc for HgO staining; green frag.
Inventoried: —

The fill is blackish again but there don't seem
to be as many sherds. Certainly there is not
so much fine ware. We clean off two stones
set upright, ca 30 cm apart, because
they look like the two sides of a small hearth.
One of them was broken by stone, fallen from
above, so that one ½ lay horizontally
while the other one remained upright. This
broken stone, the S of the two, is smooth and
worn; perhaps it was re-used. The other stone is set right against the S face of wall 58. This little slab enclosure is probably a sort of cupboard, however, because we found a hearth with 2 low upright stones and one set vertically between them against the W wall of the trench. The hearth is 45 cm wide. The stone above it (now in the scarp) is burnt as well. This provides a very nice example of 2 successive uses of a room, as the little hearth just found is set on a good hard floor, which must be the original surface.

It is quite possible that the room was originally larger, it may have extended a little further to the S, as traces of burning were found 5 of the feeble blocking wall lining walls 57 and 55.

We are now removing stones from the NW side of the trench, continuing with Pail 12. One of these was a cut block measuring roughly 48 x 27 x 20 cm, broken at one end. There are some very large stones in this corner, including a slab set upright against the N face of wall 58. After most of the stones have been removed we change to

Pail 19 (≡ Pail 25)
under Pail 12
from 18:41
to top of next pail in trench 19B2
Brown fill

contents: poor unit, little datable. Lays is LM IIIA-B
other: -
inv. timed: -

As we continue here the fill starts to darken. We may be approaching another floor level. It is interesting to speculate on the origin of the large stones, such as the cut block from the NW, the blocks from the enclosure HH, or the flat slab
against Wall 58, and the slab in Space JJ which we thought might indicate a floor level (but doesn't). We are talking about stones 70-80 cm long, except for the cut blocks; stones at this site are not the usual Kommos wall material. In fact, stones this long are most often used as thresholds. With the curving stone at the S end of the trench, the unaligned Iron wall (57), the upper hearth/oven, enclosure HH, we are clearly dealing with extensive re-use of the area. The problem is to determine what earlier building(s) incorporated such long stone.

As we continue in JJ, we find that Wall 56 runs right into the N end of the trench, although at a much lower level than the wall section found earlier.
July 27, 1978

Today is the feast of Agios Pantaleimon. We tidy up the corners in Space JT, remove another sloop from the NW of the trench with Paill 19, and start to open a new trench, 21B1, to the E of 21B. This trench has the same length as 21B (6m 36) but it is far wider, as we have decided to extend it to the edge of the cliff. Thus it lies to the N of 11B and 11B2 from last year (see plan). Part of the reason that we have decided to open this trench is that Trench 19B2 is now being dug to the N of 21B. It will be simpler to finish 21B when the upper levels of 19B2 have been removed.

Because we are extending 21B1 to the cliff edge, the dimensions are uneven. At the bend of the trench, 21B1 is 8m 00 wide (!). If the cliff edge continues to veer in to the E as it does to the S of the new trench, the N width may not be as great. We have started Paill 20 from surf to line 80 bedrock - see drawing p.144. Sand, some fine, contents: latest date III A-B, intact conical cup other: shell, mortar frequent left at site inventoried:

for the sand removed. This will take a while, as we also have to get rid of some of our own dump.

Trench 21B1, like Tr 21B, will, we hope, solve some of the problems encountered last year in Trench 11B2: walls that peeled out, shifting levels, and so forth. Trench 21B...
so far has shown that the orientation of buildings on the hilltop is not always consistent, and that there is extensive re-use at a late date (LM III B).

As the sand-cleaning goes on, it becomes more and more obvious that this area, the 6m 36 length of 21B1, is the point where the bedrock/cliff edge, which thus far supported the LM III structures in a respectable manner, turned E and plunged down toward Trench 13A excavated last year. The level of bedrock reached there was 15.56-58. The lower levels of that trench were Middle Minoan. Here too in our attempts to locate the pithos we have noticed some very dark clouds, and a small hand-made conical cup has popped out of the scarp near the N end of the trench.

The edge of cleared dump material and sand where we have cut into it near 21B1 is fragile and the whole thing could collapse later on when we begin the actual digging. We decide to dig Tr 21B1 and the 5m 00 x 5m 00 (the width is of course equivalent) N of it as a unit. This will involve a massive sand- and earth-moving assault on the cliff. M. Shaw, the other trench supervisor on the hilltop, now digging Trench 19B-19B2, will be with the Apotheker tomorrow, so her four men can join our four. The trench to the N will be 21B2. We will dump off the cliff, and MCS will dump to the E, a little down from the Kenphonion tree.
July 28, 1978

We resumed the sand-clearing; Sifis, Vangelis, and Nikes (Petralias) have joined Stergos, Manolis, Mikhailis, and Andreas. Mikhailis, the carpenter, has gone to set in some new permanent points, but may return later. In the early morning we can make good progress on this sort of project because the land breeze blows from E-W, and carries the dust down the cliff. Later on around noon the wind from the NW will probably start. This blows sand in all our faces, and generally renders life miserable. Two days ago the wind from the NW blew almost all day long. Fortunately, this is not happening today; we should be able to get most of this done by noon, when we can transfer some of the men to left-over staving in 19B, clean-up in 21B, 13A.

That the bedrock along the cliff descends at such a rate adds a new dimension to the hilltop area. For one thing it gives us another chance to investigate the MM period, so M 13A, possibly without cutting into LM levels. We have already had one surprise this year in Tr 21A1, where we found 2 MM deposits and part of a 3rd, not under LM levels, but in an area which was not used after MM III. Investigating the MM period was supposed to be our project for 1979; this was the year we were to try for a complete house plan up here.

Paul Z., will include results from the sand-clearing at 21B1 and 21B2, although the Z will probably be dug separately. We may end up leaving the area W of the solid N-S wall (No. 13) at the rubble level between LM and MM as was done in March 1981. It is of course difficult to predict how far S this wall will extend; it may even stop at Wall 19 in 1981+198.
we have found the line of the bedrock. It project to the west and dips down considerably, so we knew it would, to meet the section exposed in 13A.

It is now just after 8 o'clock and the wind from the NW has come up. Eight men cannot work here without asphyxiating from all the dust and sand. Two are finishing the excavation of one of the upper layers of 19B2; two will dry-scrape the earth from a floor in 19B. The remaining four will continue on the cliffs. At the moment we are engaged in chopping down an alminiki on the slope, or rather part of it. We have removed some of its S branches, but are leaving the tree itself until later as we need a place to dump.

The wind has worsened, so we have moved up the top of trench 21B1, and we are clearing off the next layer with 

Paid 21

under — (Paid 20 having been for the vertical clearance)

from surface

to 20.00.

X: ‘Greek’ sand

content: 1 st LMI A (only a termius petreous)

other: bone

Inscription:

The upper part of the trench measures roughly 6m 36 x 5m 00; the layers will get wider as we go down. The scarp on the W, which is up to 2m 00 (approximately) high will have to wait until Monday to be cleaned for photography. (The upper surface was already photographed.) In the scarp we seem to have perhaps 2 retaining walls showing up.
we continue in 21B1 until B on the east. We will pull 21. The sand has been blowing since we got here this morning. The line of bedrock has been exposed has been photographed.

Wall 58 seems to continue to the W. We will change pails after the line shows up better and we can be sure of the best way to separate the pails horizontally.

August 1, 1978

An embarras de richesse in terms of stones. We clean them off and photograph them. Wall 58's continuation is shaping up very nicely, it we have its N face. A N-S wall 60 cm thick runs into the N face. This will be 50 cm W of the E edge of the trench, and seems to stop on 45 cm from the N edge. In addition, we may have another N-S wall not aligned with 58, beginning 1m 50 from the SE L of the trench, and running crookedly, perhaps all the way to wall 58, so that at their meeting-point it is 1m 56 from the E edge of the trench. For the area N of 58 and W of 59 we have

Pail 22
under Pail 21
from 20.03 - 19.75
brown fill, stone
contents: dry mud, all Hincan, 1 LM card with spirals
inwetted:

S of wall 58 and E of the other wall:
Pail 23
under Pail 21
from 20.00 - 19.78
From fill, stones
content: LM III A: Z - III B.
other: glass

Inventoried: C520 handmade dk burnished bowl
C1521 kylix rim fragment

We will clear of the little ship to the E of wall 59, and then leave this space until the trench N of this one is dug. Part of it, of course, is being dug even now in Block 1982.

For this we use
Pail 24 (roughly equivalent to Pail 12)
under Pail 21
from 19.70 to 19.41
brown fill, stones
content: 10-12 sherds, nothing closely datable. LM.
other: -
inventoried: -

Underneath it--for there was really very little earth left here--; we open
Pail 25 (equivalent to 19)
under Pail 24
from 19.41 to top of next pail in trench 1382.
brown fill, blackish
content: large LM III A-B. Lime datable
other: -
inventoried: -

A very rough wall is beginning to show up, just W of the trench boundary between 21B and 218I, between walls 57 and 58. From the W it looks perfectly respectable; from the E it doesn't look like a wall at all. It is only one stone wide, ca 30-34 cm. It must have been built to close off Space 60 after it went out of use. We will call the wall to the W of this 60, and this one 61. Wall 60 is no better than it should be; indeed, it has an E face but no W face (yet). The space left between them is wedge-shaped.
August 2, 1978

One of yesterday's major surprises is that Wall 59 does not continue as deep as 54 and 58. If there was a surface associated with the foot of this wall, we missed it, although we managed to change piles at approximately the right moment so perhaps the pottery will help. Maybe 59 is part of the shoring-up project indicated by 61. The area N of Walls 56-54-58 is now considered part of Trench 1982, and will be excavated by MCShaw (see Notebook 13, pp. 16 f.f.). Wall 59 is the W boundary of this area.

At the moment we are carrying on between Walls 60 and 61 with Trench 23. We have decided to make sure of the L between Walls 56 and 55, and are excavating a triangular extension to Trench 218 with Trench 26.

under:
from surface (level 2) to 19.84
brown fill, stones, contents: latest LM IIIA1, terminus post quem only
others:
inventoried:

E of Wall 60 we are still confronted with an amazing amount of stone. There seems to be yet another wall, running SE to NE (very roughly 11 to 60) whose E face we are now following. The wall-like stones noticed last year in 1182 (see Notebook 11, p.) may be part of the W face. This is Wall 62. Here we have Trench 27:

under Trench 21
from 20.07 to 19.80
brown fill, stones
contents: latest LM III B; good, datable unit
others:
inventoried:

This should be quite a nice room, especially as Wall 60 seems to be developing as W face. The S boundary is equivocal, as it is partly taken up
Thence 21B, looking W at the Dulas extension to the trench. Threshold between Walls 56 and 55.

Walls the curving Structure found last year is 1182. (again see Notebook 11.p., of which one more Stone may have emerged. On the other hand we may avoid this questionable Structure because we have found a little (so far 1m 40 long) wall which seems to corner with Wall 60, between 10.

Our wall clearing operation continues in 21B. We have not found a corner yet (between 56 & 54), but we are changing piles in order to remove stones which are obscuring the line of 56.

Paid 28
under Paid 26
from highest course of 56, 13.84 to 13.32
Brown hill, stones.
content: L.M. 12-III B. not much here.
other:
Inventory:

Wall 56 does not continue to meet Wall 55. There is a gap of ca. 1m 33 between them - a large doorway in other words. It is not possible to tell whether Wall 55 continues to the E, or whether it stops at the opening. So much for that project.

In 21B1 it seems that Wall 60 joins up with the "curving structure"! It then corners to the NW and continues to the E face of Wall 62. Thus we have a trapezoidal room, roughly 4m 00 x 2m 00 (long side oriented N-S), with the entrance probably from the N, where we have not sufficient investigation. Wall 58B. The little wall 1m 40 long mentioned above turned out to be another pile of fallen stones. There are many large fallen stones in this room (ca. 60 cm long), including a couple set upright more or less against the E. face of 62. (= Room LL)

We begin poking around in the supposed doorway between Walls 55 and 56, and find a threshold. It is 1m 15 long, and very smooth. The E edge - ie. that which is presently visible - is slightly higher than the rest of the threshold, so the door must have closed against this part. Earlier when we
were digging in here (Room JJ, see p. 131) we thought that the floor level must be lower than this, because of the small cup and because there were still vertical and slanting stones at this level. The new threshold complicated this, so we have decided to make a small sounding 1m 45 N-S by 1m 10 E-W near the threshold, with

**Pail 29**

under Pails 17, 28
from threshold level 19.32 to 19.20
brown fill

contents: latest date LMIII B, many survivals, date from sherd, stirrup jar, bowl
other: soil sample, shells, pronounced base
mentioned: £1565 one handled cup

The edge of the threshold as well as the upper surface is worn which leads us to expect either a step or a floor. After a brief period of poking we discover a hard followable surface which we take to be a floor. The vertical and slanting stones, mentioned earlier prove to be sitting on a surface at much or less the same level. The coating tray fragments mentioned on p. 133 are put into Pail 17, as are any other sherds from the unread fill in the L between Walls 54 and 55. This fill had been left uneven because excavation in 21B was temporarily suspended during the early stages of 1982 to the N when the wind was blowing from the NW.

The new floor connected with the threshold will be represented by Pail 29.

In the meantime in the room between Walls 60+62, we have changed to

**Pail 30**

under Pail 29
from 19.80 to 19.71
brown fill
contents: latest LMIII B
other: ? pumice, shells, clay lumps
inventoried:

-
Trench 21A. Removal of pithoi (Room AA).
Revelation of inner pithos.

Bottom of inner pithos within
1st reel. Looking S.
Well 1a on the right.

See pp. 88, 92 for additional photos and information.

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August 3, 1978

Today we are removing the pithoi, C1210, from Room AA, in order that the earth from the lower part can be water-sieved by David Kease, our visiting bone and shell specialist. We will dry-sieve all the earth within the pithos. The upper part will be removed and put in one sieve and the lower part will be put in another or 2 if necessary. This way we avoid the necessity of mailing the joints; most of the pieces are fairly large in any case. As we remove the earth we can see that the vessel was literally telescoped in situ. There are some fragments from other pots within the pithos. There may have fallen from shelves in the room before the earth accumulated in the pithos. C1048, the bridge-spouted jar from this room, was found upside down which may suggest that it tumbled from a rolling shelf (of reeds?).

In the meantime we continue in Trench 21B. Li Li (the room between Walls 60 and 62) with fill 30; in the room between Walls 60 and 61 which may or may not be a peculiar continuation of lane 1-6) we open
Roll 31
under Roll 23
from 19.78 - 19.65
Travel file
contains: strata LM III A B (piled cups or bowls) no joins
other: shells
inertioned: —

We don’t in fact dig in this space very long—at least not for now. When we arrived this morning there was some wind from the NW. Now it seems to have died down so that we can complete the floor in 5J with fill 29 without discomfort. This is important, as there seems to be a very different situation to the north.
Trench 21A1. Room AA; looking SW. pithoi in situ.

Trench 21A1. Room AA; looking S. lower part of inner pithos in situ; zombi containing rim fragments.

**Paid 32: Inventarioed objects**
- C1566 mug
- C1567 cup/bowl
- C1568 kylix
- C1569 cup/bowl
- C1570 cup
- C1571 stirrup jar
- C1572 goblet
- C1573 dark brownish sherds
- C1572 one-handled cup
- C1575 basin

In 1982; so far there is no architectural reason for this. Therefore we can begin to nibble at the area from both sides.

The pithoi is not one, but two! We removed the rim of "The" pithos and started in on the body sherds. They began to curve inward at a certain point and we realized that we had 2 vessels instead of one. We are keeping some earth for water-sieving from this one as well. Inside it was found a broken cauldron which is being kept, as well as some extraneous sherds which are being put in the zombi with the vessel fragments.

In room LL we thought that we might have a slab floor showing up (at a very high level), we cleaned off the stones, and they are not a floor, nor do they seem to represent a used surface. We are abandoning this space and referring to Space AM - this will be the name of the room between Walls 61 and 60 - with Paid 31. Wall 58 in this room seems to be only 1 stone deep, which is odd. We are anxious to see whether the stones, which formed an irregular line at the N of Trench 11B2 last year are the s wall of AM.

We have cleaned out the inner pithos. It is complete (although broken) at the base. While we are waiting for a photograph, we remove the dominoes from 11B - 11B2 (see Notebook II, p. 89) with Paid 32
- under-
  - from top of stone to level L-6 surface at 19.60/19.47
  - fill around stones
  - contents: good LM III B unit
  - other: shells
  - inventoried: see opposite

Today is definitely stone removal day. We are
now removing the earth under the curving stones at the S end of 21B1 (see plan, p. 130; the stones in question are at 19.99 and 20.01). Then we are beginning to remove the stones which lay in a rough and tumble line between Trenches 11B and 16A (see Notebook 16, p. 27), with Pail 33

under——
from top of stone to uneven surface of LG 19.59
fill around stones
contents: mixed unit, latest CM 1100, many survivals.
other: bone, stone, shells; gorapa left on site
inventoried: sherds from C1299 (Pails 10, 13)

we are having little luck with the S boundary of Space MM — few of these stones will survive today's

In Space JJ, we have discovered burnt sherd and a couple of slabs at floor level. In addition, the cup which was seen about a week ago is indeed whole and has one vertical handle at the rim. The stone with the notch placed to the S of the little enclosure is a step. Roughly in line with levels 54 East and 56 B is a little blocking wall separating Tr 21B very conveniently from 1932. The floor rises a bit toward this 20X20 and its surface here is very hard. In the SW corner of this space we find part of another surface at a slightly higher level - similarly hard and yellowish. We are leaving a sample of it in the corner.

More surprises concerning the various pithoi: the outer pithos had no base. The base is entirely missing, although probably only the circle of the base, as we have at least one vertical lifting handle. The baseless outer pithos and the inner pithos both rested on the little slab beneath them, therefore.