August 5, 1993

Work resumes on the excavation of pail 4:40 in Area NW. We are gradually exposing more and more of the northern half of the gap in Wall I, as well as the ashlar course which borders the gap to the north. As we reach the level reached in Area S2 to the south, we decide to change pails and dig further in order to see how deeply the ashlar block to the north of the gap sits. Pail 4:40 is closed and pail 4:41 is opened for this next pass. The bottom of the ashlar block is reached at a level of 3.09 m ASL, 16 cm lower than the base of the keep-doma to the south of the gap. Excavation of pail 4:41 is halted at this point.

Trench 88A/4:41
Under pail: 4:40
Level: Top: 3.22  Bottom: 3.07
Location: Area NW
Type of Fill: Earth and wet clay
Pottery: 42 sherds, 0.980 kg  LMIA
range MMIB-LMIA, mostly MM II
LMIA dated by body sherd of Long spiral
decorated con. cup, possibly some Fine and N/C sherds

Other:

Inventoried:

Because we have located the bottom of the block to the north of the gap, and because there do not appear to be other blocks below this level, we stop excavation in Area NW. The final appearance of the gap and its surrounding blocks is drawn on p. 122.
Trench 88A, detail
showing location of pebble surface and top of pail 4:42

Meanwhile, in Area S1, the pass of pail 4:37 has been progressing slowly. The pebble surface which was found yesterday has now been traced out as much as possible; the surface is very poorly preserved and could only be traced in a small area (see p. 124). The levels of the surface are indicated on p. 124. A separate pail will be used to bring this surface patch down to the level of the rest of pail 4:37.

Work ends with the pass of pail 4:37 still in progress.
Trench 88A

Showing location of pail 4:44, and top levels and location of pail 4:43

August 9, 1993

The pass of pail 4:37 is completed by mid-morning. Pail 4:42 is opened for excavation of the pebble surface along the east side of Area S1. The fill beneath the surface is dense with pottery and stone chips. The pass takes this area down to the level of the surrounding parts of Area S1 (i.e. to the level of the bottom of pail 4:37).

Tr 88A/4:42
Under pail 4:37

<table>
<thead>
<tr>
<th>Levels</th>
<th>NE</th>
<th>SE</th>
<th>SW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>3.59</td>
<td>3.60</td>
<td>3.59</td>
</tr>
<tr>
<td>Bottom</td>
<td>3.44</td>
<td>3.44</td>
<td>3.44</td>
</tr>
</tbody>
</table>

Location: Area S1 (see p. 124)
Type of Fill: Brown earth, densely packed with stone chips and shards
Pottery:

Others: plaster, shells, bone

In the meantime, G. Bianco does some further probing into the gap in Wall 2 in the area exposed by Area NW. It appears to be the case that the stones within the gap become much larger the further in we reach. It also looks as if the stone fill
Photos of Rubble-Filled Gap in Wall 1

Polaroids, from SE
- all excavation completed in hole - pails 4:39 and 4:44
- foreground, left - Area S₂ at bottom level of pail 4:38
- foreground, right - Area NW at bottom level of pail 4:41

continues as far down as the bottom of the ashlars block on the north side of the gap, and one or two of the stones seem to go down farther. Pail 4:44 is opened for the few sherds which appeared during the exploration of the gap.

In Area S₁, after removal of the pebble surfaces, pail 4:42 is closed. Pail 4:43 is opened for the final pass in this area, which will bring Area S₁ down to the level of the base of the krepidoma.

Te 88A/4:43
- Under pail 4:42, 4:37
- Levels: NE  SE  NW  SW
- Top: 3.44  3.39  3.44  3.44
- Bottom: 3.27  3.30  3.26  3.23
- Location: Area S₁
- Type of Fill: Brown earth with stone, chernozem to clay
- Pottery:

Other: shells, bones, plaster, bone fragment

Inventoried:

Te 88A/4:44
- Under pail: -
- Levels: Top - Bottom -
- Location: in hole in Wall 1
- Type of Fill: soft, moist earth and clay
(Tr 188A/4:44, cont.)

Pottery: 51 sherds, 0.425 kg LMI

range: M93 - LMI

dated by tiny fine bridge spout with Dun (spiral?)

pattern: late LMA on LMB

all sherds are very worn, ground up

Other:

Inventoried:

When G. Bianco's work in the gap is finished, pail 4:44 is closed. The gap is photographed by S. Shaw (see p. 128).

G. Bianco also cleans and completes her drawing of the stela structure. In the process we discover that the north side of the stela is broken away at its bottom and had been supported in its last phase of use by several stones placed under the north side. On the south side, the bottom of the stela slab seems intact and rests at a level of 3.38 m AsL. Behind the stela to the west can now be seen more small stones and pieces of slabs wedged between the stela and Wall I.

The day ends with the pase of pail 4:43 still in progress.
August 10, 1993

Work resumes on the pass of pail 4:43 in Area S1.

G. Bianco’s work on the gap in Wall 1 yesterday revealed a block set at an angle which seems to be the same as a block whose end protrudes from the interior face of Wall 1. Today I measure the length of this block and discover that it is 1.30 m long, which exactly matches the length of the gap in Wall 1 along the bottom. If there had been a block originally in the wall of building P, this block may have been part of it.

Another block can be seen along the north wall of gallery P1 on the interior. This block, which does not seem to be in its original position, likewise measures 1.30 m in length. If these two blocks were originally part of one block, the combined dimensions, 1.30 m L x 1.30 m H x 0.37 m Th, suggest an original orthostate block of T. This block may have been reused by the builders of P in their extension of Wall 1. Then at some later date the block was removed from within the walls of what had been building P, perhaps in connection with the well of Greek times which lay just on the inside of Wall 1.

Alternatively, the two blocks could have been built into the wall of P originally as two distinct blocks. These scenarios represent only possibilities, not definite facts. It could also be the case that the builders of P left some kind of opening here.

Pass 4:43 is completed at the end of the day. This completes excavation of Trench 88A. Final levels are noted on p. 132.
Trench 88B

Trench 88B is a small sounding to the east of the superimposed walls of buildings T and P (I shall continue to refer to this wall as Wall 1, as I did for Trench 88A). It is located within the area of Trench 83B, excavated by G. Nixon in 1992.

The trench was set in on August 10, 1993, by J. Bravo. Using the south scarp created by Trench 83B (the line of this scarp was determined by an E-W running Archaic retaining wall), a distance of about 2 meters was measured off to the north. The west edge of the trench is defined by the kepidoma of building T in Wall 1; the east edge is flush against the east scarp of Trench 83B.

Dimensions and Grid Coordinates:
(see p. 134 diagram)

<table>
<thead>
<tr>
<th>A-B</th>
<th>B-C</th>
<th>C-D</th>
<th>D-A</th>
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<tbody>
<tr>
<td>3.26 m</td>
<td>2.14 m</td>
<td>3.26 m</td>
<td>2.14 m</td>
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<table>
<thead>
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<th>Point</th>
<th>X</th>
<th>Y</th>
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<tr>
<td>A</td>
<td>1031.59</td>
<td>1087.24</td>
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<tr>
<td>B</td>
<td>1034.81</td>
<td>1087.74</td>
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<tr>
<td>C</td>
<td>1035.14</td>
<td>1085.63</td>
</tr>
<tr>
<td>D</td>
<td>1031.92</td>
<td>1085.13</td>
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</table>

Objectives:

Trench 88B will explore fully the Middle Minyan levels to the east of Wall 1. It will also expose the wall underlying the kepidoma of T. This wall was first discovered in a sounding in Trench 7X, and its west face was partly exposed by Trench 86D this year.
August 11, 1993

Work begins on Trench 88B.

The beginning ground levels are marked on
the trench plan on p. 136. Before the excavation
season began this year, Trench 83B had been
filled with earth in order to allow the front-
loader to reach the dump for Trench 88A. On
July 19 and 20 of this year, a shovelling
machine removed the dumped earth but in the
process removed about 30 cm of unexcavated
earth as well. This was done in the center, north,
and east parts of the trench, where the arm of the
shovelling machine reached. Along the west side of
the trench, the machine was not able to remove
as much, so that a triangular patch of ground
was left undisturbed at about the level where
Trench 83B stopped. In the southeast corner,
modern accumulation could not be removed by the
machine, leaving the ground level higher than
was excavated by Trench 83B.

The first task in Trench 88B is to create
one even ground level. The modern accumulation
in the southeast corner is cleared to about the
level where Trench 83B stopped. Nothing is kept
from this fill.

The triangular patch along the west is then
excavated to the level of the ground in the
rest of the trench. Pail 5:45 is opened for
this purpose. The fill consists of brown earth
with some clay. There are flecks of plaster
throughout, and some small stone chips.

After the triangular patch is removed, pail
5:45 is closed.
(Note: The level was changed from 4 to 5 just to
differentiate pails of 88B from those of 88A).
Te 88 B/5:45

Under pail: n/a, first pail of trench
Levels: 

<table>
<thead>
<tr>
<th>Location</th>
<th>NW</th>
<th>SW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>3.36</td>
<td>3.36</td>
</tr>
<tr>
<td>Bottom</td>
<td>3.07</td>
<td>3.12</td>
</tr>
</tbody>
</table>

Location: west

Type of Fill: Brown earth with clay, bits of plaster, and small stones

Pottery:

Other:

Inventoried:

Pail 5:46 is then opened for a pass across the trench. The pass reaches down through a fill of hard clay to a layer of very soft earth, at which level we halted the pass. Just above the bottom of the pass, small stones are numerous in the fill. A small patch of white plaster, roughly 10 x 14 cm, is found lying flat at a point roughly 1.00 m from the south and 0.60 m from the west. This patch lies just above the level of the fill change and small stones, at 2.97 m A.S.L.

At about the same level, roughly 0.35 m from the north and 1.50 m from the east, another patch of white plaster (only 2 x 3 cm) was discovered. Nearby, 1.35 m from the east and 0.45 m from the north, a piece of ochre-painted plaster was found at a 45° angle in the fill.
It is unlikely that these patches of plaster mark the presence of a floor; rather, they seem like fallen pieces or part of a dump fill.

**Tr 88B/5:46**

Under pail 5:45

<table>
<thead>
<tr>
<th>Levels</th>
<th>NE</th>
<th>SE</th>
<th>NW</th>
<th>SW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>3.29</td>
<td>3.30</td>
<td>3.07</td>
<td>3.12</td>
</tr>
<tr>
<td>Bottom</td>
<td>2.98</td>
<td>2.98</td>
<td>2.90</td>
<td>2.94</td>
</tr>
</tbody>
</table>

Location: all of trench

Type of Fill: hard clay with layer of small stones on bottom, changing to soft earth and sand

Pottery:

Other: plaster, painted plaster, shells, bones

Inventoried:

At the end of the day, work on the pass of pail 5:46 is still in progress.

So far, the top two courses of the wall underlying the krepisoma of T have been exposed. The uppermost course consists of roughly rectangular stones which project very little (0-5cm) from beneath the krepisoma. The height of the course is about 12cm. The second course projects much further—about 20cm—from beneath the krepisoma and consists of more crudely shaped stones.
Trench 88B
showing top levels of pail 5:47

1:50

Trench 88B
showing top levels of pail 5:48
(note: location changed on 8/13. See p. 146)

1:50

August 12, 1993

Work resumes on the pass of pail 5:46
and is completed by mid-morning.

To dig the layer of soft earth and sand,
we open pail 5:47.

Tr 88B/5:47
Under pail: 5:46
Levels: NE SE NW SW
Top: 2.98 2.98 2.90 2.94
Bottom: 2.80 2.80 2.78 2.82
Location: All of trench
Type of Fill: moist sand and earth with small stones
Pottery: 

Other: bones, plaster, painted plaster (2), shells

Inventoried:

As we take the pass of pail 5:47, we notice
that there is a higher concentration of pottery in
the fill. We also discover that there is a layer
of grey clay beneath this layer of sand and earth.
We will dig the grey clay in the next pass and
with another pail.
As the pass progresses further, we notice also that the fill contains very tiny bits of shell. The clay layer which we discovered at the bottom of this pass in the beginning does not continue in other parts of the trench. The fill seems to remain the same elsewhere, still, we will change pails in the next pass, because of the large quantity of pottery in this pass.

In the southeastern part of the trench, roughly 150 m from the east end and 0.40 m from the south, pieces of fine white plaster with perhaps some traces of paint were unearthed in the fill.

By the afternoon, the pass of pail 5:47 is completed, and the pail is closed.

We open pail 5:48 for another pass across the trench from west to east. The clay ends.

Tr 88B/5:48
Under pail 5:47

<table>
<thead>
<tr>
<th>Levels</th>
<th>NE</th>
<th>SE</th>
<th>NW</th>
<th>SW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>2.75</td>
<td>2.77</td>
<td>2.78</td>
<td>2.82</td>
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<tr>
<td>Bottom</td>
<td>2.55</td>
<td>2.54</td>
<td>2.60</td>
<td>2.56</td>
</tr>
</tbody>
</table>

Location: West half
Type of Fill: Sand
Pottery: 358 sherds, 53.85 kg, 2 buckets, MM II
  #1) range MMIB II, dated by 3 cc. bases, cream, fine
      handmade pot, backspine, wheelmade, fragments of hand
      MiC and CP wares are generic MMIB/II sherds in soil sand.
  #2) similar quality sherds, range MMIB II, dated by 3
      wheelmade, c.r.n., wheelmade, fragments, incl. Kamara, wheel
      rim with acoustic handle and backspine, p'c. MiC and CP
      MMIB/II

Other: bones, shells

Inventoried: —
Trench 888

Showing division of trench and top levels of pail 5:48

2.78 2.75 2.75 2.80

5:48

2.82 2.77 2.77 2.80

1:50

Trench 888

Showing top levels and location of pail 5:49

2.56

1:50

August 13, 1993

The pass of pail 5:48 resumes. In order to speed up the sounding, it is decided that we will only dig the west half of the trench, beginning with pail 5:48. The information for the pail on p. 145 reflects this change. For a new plan showing the location and levels of pail 5:48 see p. 146.

After the pass of pail 5:48 is completed, the pail is closed. We notice that the southwest corner of the trench is fairly dense with pottery. We open pail 5:49 for excavating in this area. The fill consists of sand with a large number of fairly large sherds. We trace this area out to a radius of about 0.60 m from the southwest corner, where we notice the fill changing to a mixture of clay and sand. The bottom of the pass exposes a layer of reddish clay. When this area is fully excavated to the level of the reddish clay, we close pail 5:49.

Tr 888/15:49

Under pail 5:48

Level: Top: 2:16 Bottom: 2:14

Location: SW

Type of Fill: moist sand, dense with sherds

Pottery: 163 sherds, 3.140 kg MMII (A?)

range MMIB - MMII (A?)

2,500 large sherds, in quite fresh condition, but almost no joins

dated by wares and forms, incl. at least 4 painted cups, and few Naphthol cups: 2 each, MMII

Other: bones, shells

Inventoried:
We open pail 5:50 for excavating the clay and sand fill in the rest of the trench. We discover that the reddish clay layer continues under this fill as well and slopes down toward the east. We trace the reddish clay to determine how far it extends. In the process, we discover a small patch of white plaster which has become very soft because of the moistness of the fill. It was found roughly 0.40 m from the south and 1.10 m from the west, resting on the reddish clay surface.

When the process is complete, we can see that the reddish layer extends from the south edge of the trench to the north for about 1.30 m; and from the west it extends east for about 0.80 m, along the south and about 1.00 m along its north edge.

Pail 5:50 is then closed.

Trench 88B / 5:50
Under pail 5:48
Levels: NE SE NW SW
Top: 2.55 2.54 2.60 2.56
Bottom: 2.31 2.28 2.41 2.46
Location: West half
Type of fill: Mix of clay and sand
Pottery: 223 sherds, 3.650 kg
may be pure MMII A, or with some MMII B
Note: unit was accidentally mixed with historical material, prob.
from 865/07
Fresh sherds, more advanced than pail 5:2 deposit, but has too many handmade fine wares and too few cups other than conical to be advanced MMII. Typical A have some MMII B in with MMII A, so may be
Other: bones, plaster

Inventoried: C8778 M/C UP kalathos, 1 sherd
in 2 pcs, preserving c. 60% of body; ext. looks
handmade; ext. finish may mean wheel finishing or slow wheel
For further excavation, we decide to divide the trench in half again, leaving the northwest quadrant of Trench 88B at the level of the reddish clay. In the southwest quadrant, excavation continues with a shallow pass in order to remove the layer of reddish clay. The fill is dense with pottery. Below the reddish clay is more moist sand.

**Trench 88B/5:51**

*Under Pails 5:49, 5:50*

Levels: NE  SE  NW  SW

Top:    2.38  2.41  2.46  2.44
Bottom: 2.30  2.29  2.35  2.32

Location: SW quadrant

Type of Fill: moist sand and reddish clay

Pottery: 2 buckets, 346 sherds, 5,070 kg MMII (A)

#1) possible jar with pl. 5:52; from large shards but with few jars

Range MMII-B (A) dated by 2 wheel. 2 cc. rim. 2 bases,

+ fine ware sherds - corded rimmed jug, B. S. j., some  cups

#2) tiny MMII/B dated by 5 wheelmade cc rims, 1 base;

+ fine ware. eggshell rim body sherds, 2 larnaxed cups

Other: shells, bones, red clay sample

**Inventory**

C8968 fire mand spouted jar - 1 rim fr., 1 body fr.

C8969 CP rim w/2 incised stripes - 1 rim in part.

At this point of excavation, several more courses of the wall beneath the krepidaon have been exposed. Beneath the two courses described on p. 141, a third course of crudely shaped stones similar to those of the second course projects to the same degree. The next lower courses consist of much larger stones, averaging 21 cm in height versus 12-14 cm for the higher courses. A total of 6 courses have now been exposed.
In order to take another pass, we open pail 5:52. The fill consists of very wet sand, which indicates that we are nearing the water table. The wall underlying the hreipidroma in Wall 2 continues further into the ground.

**Tr 88B/5:52**

Under pail 5:51

Levels: NE SE NW SW

Top: 2.30 2.29 2.35 2.32

Bottom: 2.01 2.04 1.97 1.98

Location: SW quadrant

Type of Fill: Wet sand

Pottery: 2 buckets, 444 sherds, 7.435 kg, MMII

Bucket 1) (94 sh.) 3.595 kg, pure MMIB; UP NC kathlos score 4 to join of pail 5:51 bucket #1; large sherds in good condition, but few sherds; dated by fact that all c.c.s are handmade; few other c.c.s; all fine ware handmade; 1 mano, rounded exp., 1 prominence of large, NC kathlos, and bowls

(2) pure MMIB: all c.c. but 2 are handmade; nearly all fine ware handmade, large amount of barbotine, speckled, red-brown burnished ware

Other: Bones

Inventoried: (8968) (see pail 5:51) fine Lino,

Sprayed jer - 1 rim x spout (in 2 pacs), 1 rim (in 3 pacs), 3 body sh

When the pass is completed, pail 5:52 is closed.

Pail 5:53 is opened for another pass. In this pass we reach the water table, which begins at a level of +1.77 m A.S.L. The wall underlying the hreipidroma terminates at a level of +1.85 m A.S.L. This is the lowest point on the wall; the bottom-most courses (7 and 8) are irregular and do not continue so deep in all places.
Postscript by director on stelae, for which see also notebook 85 (408).

In the process of consolidation, we removed the stabilizing block from in front of the side to check many markings. There were none (see photo). The block was replaced and the entire stela was surrounded by a rectangular wall built up to the level of the top of the stabilizing block, with the interior of the wall filled in with earth. No cement was used on the stela itself except to attach the broken part, a technique that we hope works better than the elaborate ones discussed in connection with it. From the removal of the block it became clear that the original stela was finely finished.

**Tr-88B/5:53**

Under pail 5:52

Levels: NE SE NW SW

<table>
<thead>
<tr>
<th>Top</th>
<th>2.01</th>
<th>2.04</th>
<th>1.97</th>
<th>1.98</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bottom</td>
<td>1.73</td>
<td>1.75</td>
<td>1.75</td>
<td>1.73</td>
</tr>
</tbody>
</table>

Location: SW quadrant

Type of Fill: Wet sand

Pottery: 226 sh, 4.970 kg. MMIB pure, dated by fact that all con. cups and seemingly all fine wares are handmade; a lot of barbotine, pickles and BARLESS; majority of shapes are large bowls and jars; red-brown burnished, large bowls.

Other: -

Inventory: 1096/2 loomweight MMIB

Since the water table has been reached and the wall fully exposed, Trench 88B is now finished. For a final drawing, see p. 152.

In a few days, the sounding will be back-filled.
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