

2005

EPV 002 Canuto Field Notes 2005

Marcello Canuto

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2005-06-13

2005-2-01

Excavations began this morning with Op 04/15 under the supervision of Yifei Mo. Here was the inaugural unit!

Workers at EP - 8 in total.

<u>Leonel</u>	<u>Dina</u>	<u>Misael</u>
<u>Maximiliano</u>	<u>Victorino</u>	
→ Yifei	Marcello	Santiago
→ Op 04/15	Op 05/04	Op 05/03

Excavations began at Op 04/15 - W facade of M. 02
 05/03 E facade base of M. 01
 05/04 Top, N facade, M. 01.

Today we will be inaugurating several innovations to our field work. First, we will be eating lunch in the field, thus avoiding the logistical problems of transporting people from disparate parts of the valley. Second, we will be testing our water-protection methods, as it will surely rain later in the day.

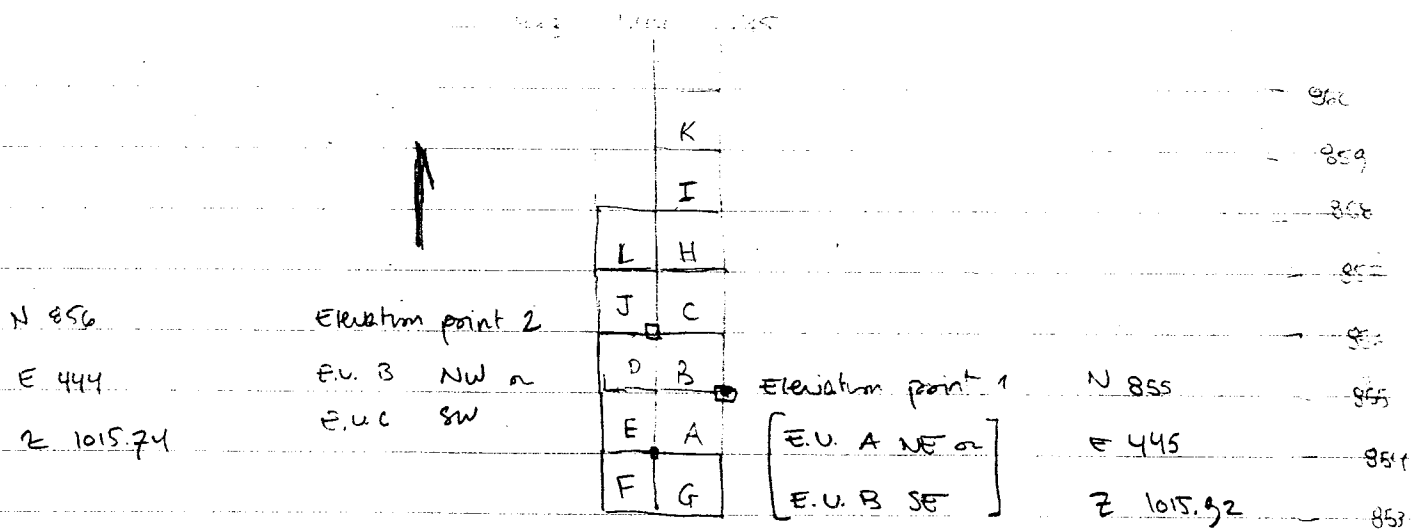
Yifei's unit has begun well - she has recovered the expected number of modern artifacts that past year's excavations also recovered. I cannot remember at what depth, Yide floor was encountered. I will check at the computer later on in the day. However, Yifei is likely to find/encounter 2 or 3 distinct strata before revealing the floor.

2005-02-02

Santiago will begin with op 05/03. This unit will cover the entire E facade - at base - of Mr. 01. Santiago will begin at the S end of this SOP (measuring 2m E-W / N-S)

I will begin w/ op 05/04 which will excavate the N facade of Mr. 01. This unit will begin at the top of Mr. 01 rather than at the bottom. Although this method contradicts accepted practice in archaeology, it is the only way that we can secure a safe excavation of Mr. 01. If we trench from its base, ca. 5m of unstable fill will be exposed rendering the unit unsafe for the workers (especially from the rains).

Op. 05/04

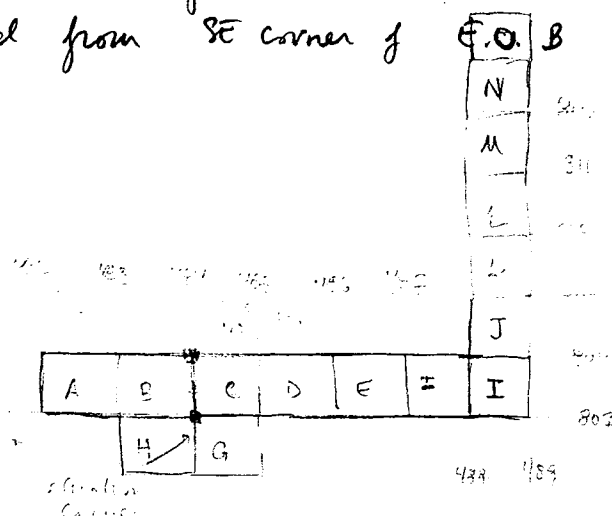


2005-02-05

The Op 06/07 excavations are being conducted by 2 beginner workmen; so I will have to train them as well as monitor their decisions...

Excavation will begin in E.U. A but elevations will be calculated from SE corner of E.O. B

Op 06/07



Elevation point: 1807

= 484

E.O. B SE or

E.O. C SW

2 10.10.65

This excavation should be revealing the architecture of AQUA MAGNA floor, platform

→ This floor should be ca. 50cm high.

Excavations in Op 06/07 started in a very dark humus in E.U. A that will likely contain a mix of modern and ancient artifacts. The initial soil is a dark humus that is indeed mixed with modern/ancient artifacts.

The workers have extended beyond the original locum level planned for this initial Lt. Given the homogeneous and mixed nature of the Lt, I will extend the first Lt to 30cm depth.

2005-02-07

06-15-2005

9p 06/07

Workers will be finishing up lot 2 of E.U. A this morning. It is apparent that the Cauchy soil they have uncovered is entirely sterile. In fact, it reminds me of the soil recovered from all the lots that ~~was~~ "preceded" the exposure of the Patio 3 floor ()
It feels like an alluvium that the nearby river deposited. The fact that it is sterile suggests a post-abandonment time-scale.

I will have the workers remove ca. 3cm of this layer before clearing the lot.

I have also measured from the river cut to the W edge of this Sop. Comparing this measurement to the section drawing made by PLG + SEM last year, I calculate that E.U. A could be roughly located above the W limit of Aquidamma and the Celste extension. The depth in the drawing of the floor should correspond to ca. 7cm bgs of E.U. A.

However the profile was drawn on an angle and the floor was partially destroyed at the W edge of the platform. Both facts might render the discovery of this surface more complicated.

2005-02-08

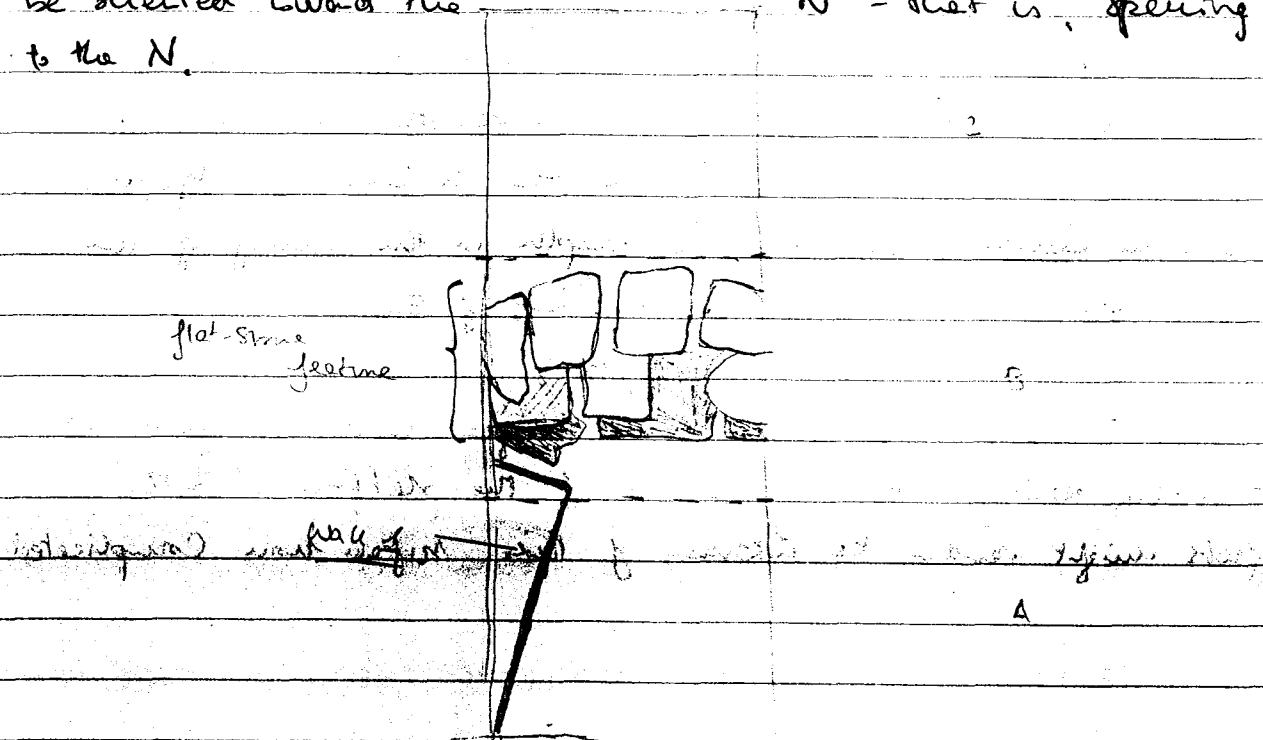
Op 05/04

Excavation of this Sop has become somewhat more "interesting" since the recovery of an N-S wall (at E face) in EU A.

The well is oriented roughly 15° E of N and proceeds from the SW corner of E.U. A Northward at stated angle. It is composed of relatively well shaped rocks. In the SW corner roughly 3 courses have been exposed. However the well seems to "end" at the northern limits of E.U. A.

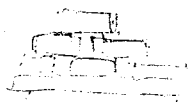
This wall likely belongs to the earlier phase of Str. 1 - those that were NOT destroyed by the tractor.

What is curious is the simple fact that it MIGHT be oriented toward the N - that is, opening to the N.



2008-02-09

Excavation will continue in E.V.C. to the north of the odd flat-stone feature to the N of Wall 1. I would like to investigate what the flat-stone feature might be. They are accumulated as if trying to disperse downward pressure (from added fill) around some cavity.

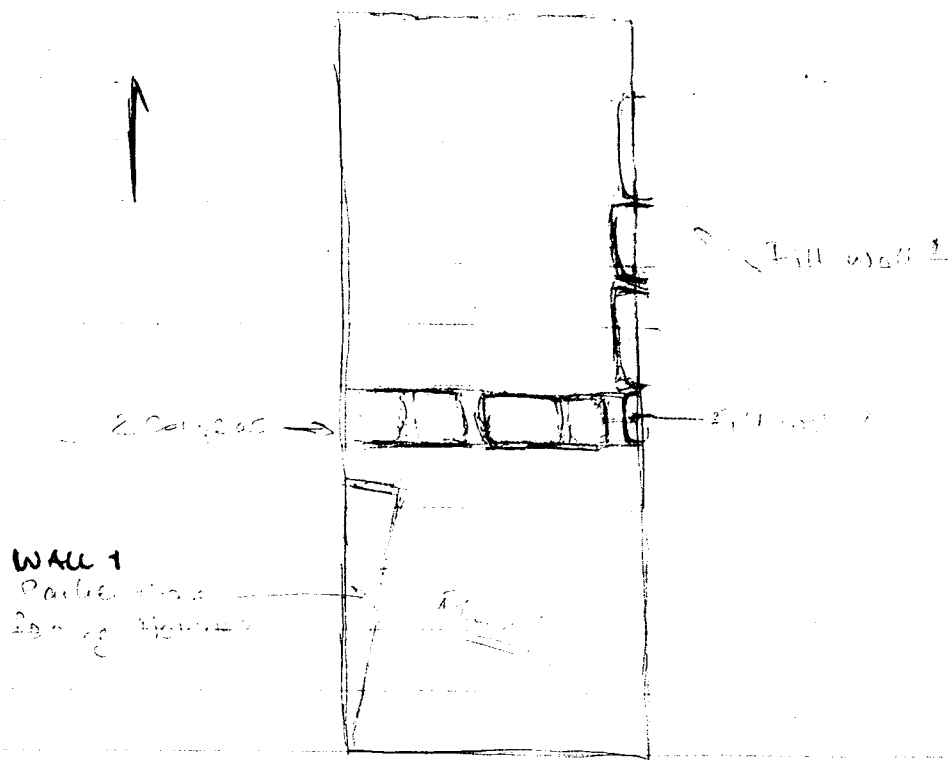


Excavation of E.V.C. will help determine whether the "stepped" nature of the flat-stone feature progresses further to the N.

In a single lot, E.V.C. will be brought down flush with the lowest level of the flat-stone feature. Excavation in this E.V.C. is recovering very many loose cobble stones within ~~a~~ a loose matrix of clayey fill. It would appear as if this lot's matrix had been disturbed by the tractor.

In fact, this E.V.C. is helping to prove the original scenario of a lower cavity as untenable. The stacked flat-stones at the northern edge of E.V.C. do not extend into (E.V.C.) to form a "cap" over some lower cavity. In fact, the excavations show that these upper flat-stones are located on a rubble wall (fill wall?).

2005-02-10



The E.U. C unit was excavated in a single lot to bring it flush with the terminating elevations of lots 7/8 of E.U.S A/B. Not a single artifact was recovered from this excavation - further proof that this unit was composed of recently disturbed fill.

Fill walls : The excavations show the presence of 2 integrated "fill walls" that one located at right angles from WALL 1. These fill walls are composed of vertical stones (not masonry) meant (apparently) to effectively fill in the spaces between the structures of the prehistoric culture of the area (Blancs/Crème). In fact, it is possible that Fill wall 2 is located above a terrace (facade) of the previous Sr. or construction phase. It would seem like a logical place to locate a fill wall aimed at expanding/raising the structure's platform.

Excavation will cease for recording. Photographs of the 3 E.U.s will be taken. However the next step will be to descend to the E of Wall 1 in order to find a floor of the earlier phase's superstructure.

Op 04/15

Yifei's excavations are proceeding quite nicely. She has found the sub-flooring surface of the YDE floor. Sadly, no plaster was preserved in this area. However, as we approach the base of M. 02, I am hoping preserved floor will exist.

I have also suggested that she continue her excavations to the next E.U. (C). She has encountered a rough wall that appears modern. Moreover, it does NOT articulate w/ the floor. Its lowest course lies ca. 10-15 cm ABOVE the YDE floor on what is clearly alluvium clay washed into PATIO 1. This wall is also rustically constructed, with no apparent mortar between the stones. Knowing of the existence of a modern wall around this patio dating to the 60s/70s, it is likely that Yifei has exposed the modern wall that was built to the E of Joaquina's property.

The hope with her continuing in E.U. C is that we can "jump over" the modern wall, find the W facade of the eastern platform of Patio and then remove the modern wall altogether.

2005-02-12

In other news,

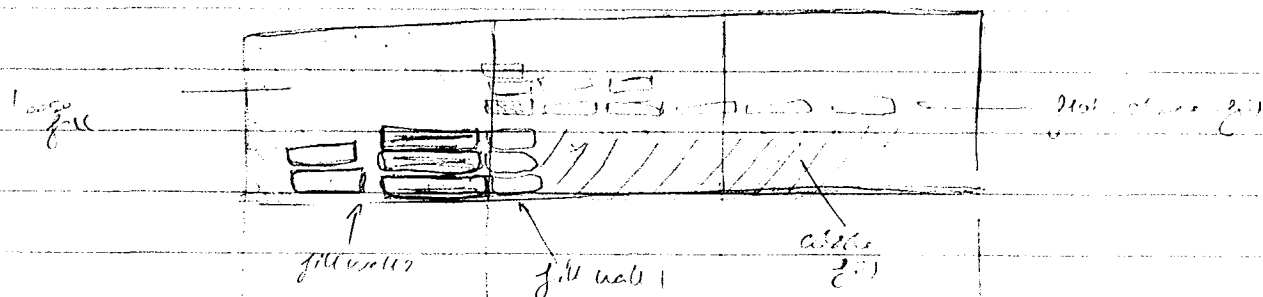
Need to know:

Number of Poles 3 floors

Levels of Poles 3 floors

Orientation of 8th. or 8 steps (E face)

2005-02-13



2005-02-14

02-14-2005

Excavations continue in all 4 bops today.

→ This morning Larry and Jim took a sample of Aquamarine floor. They sampled both the yellow and red parts of the floor in separate samples.

→ ~~1009.80 m~~ 1009.80 m Owens Floor

Op 06/07 excavation of E.U. B down to Aquamarine floor. Given the nature of the sedimentation in this ~~floor~~ Patio, it is clear that ca. 60cm of alluvium was deposited at this floor soon after the abandonment of the site. This clayey alluvium is completely sterile.

Currently, E.U. B is being excavated only by José Antonio, because Juan Angel had to stop work today. Given the simple nature of the excavations here, I will have José excavate by himself.

E.U. B's 5th lot will be taken as a single excavation down to the ^{Owens} ~~1009.80 m~~ floor (ca. 60cm lot).

Op 05/04

Excavation on Str. 01 continue to the N of the architectural feature. Excavation has begun 3 lots

concurrently (lots 10, 11, 12) in all 3 E.U.s (C, B, A).

The purpose of these 3 lots is to expose the floor upon which wall 1 is built. Moreover, these lots will also

2005-02-15

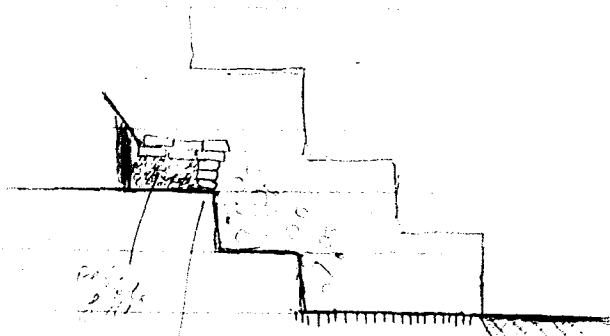
remove Fill wall 1 and expose the rest of the fill that went to cancel the Wall 1 construction (Blanco?).

E.V. A (12) - Excavation has exposed another 5 courses of Wall 1 with little end in sight. This building is well preserved and should represent a major building phase of the M. or sequence. Moreover, it should be located on a plaster/final floor (some plaster flooring was associated w/ Blanco - Op 05/01).

Because of the depth of this wall, the excavation of Lot 12 was arbitrarily terminated at a 60cm depth.

E.V. B (11) - Removal of Fill wall 1 has revealed a fill that was encountered in Op 05/02 - a soil-less mass of small pebbles. This fill was placed around the earlier constructions ~~around~~ almost like a "pre-fill" that began the burial of the construction. Later this fill was sealed by jet-stones. Moreover this fill of pebbles was contained by fill walls (e.g. Fill wall 1).

E.V. C (10) - Removal of the fill "outside" the fill walls. This fill proves quite distinct in composition. More cobbles and soil. It would appear as if this fill were located in parts ~~of~~ not adjacent to the previous structure. That is, a lighter faster filling strategy was used for the areas "outside" the prior structure.



What remains interesting about all three lots is their shared LACK of outfoot. Only a few eroded shovels have been recovered from these 3 units. Clearly this fill was brought in ex-novo.

One of the major challenges of this op 05/04 is maintaining enough space open in the unit to keep excavating. The rocks that protrude from the side walls tend to limit the space at the bottom of the E.U.

→ In op 06/07 excavation of E.U. B has revealed several "cl" stones that appear to be tumble from a nearby machine. They are located, however, ca. 30cm above the ~~floor~~^{Owens} floor. This deposit proves that half of the deposit located above the Owens floor is indeed post-abandonment pre-architectural collapse. The upper half is post-collapse. This separation between the tumble and the floor suggests that much flooding occurred at the end of the site's major occupation. Moreover, this block deposit also suggests that the loam build-up could have happened more continuously rather than granularly.

Pictures of stones taken; removal of rocks down to ~~the~~^{Owens} floor.

2005-02-17

Feb 18-2005

Load in short bar of the unit this morning with Pamela, Briane, and Nat from Org. and Ellen/Mary from EC. Went to all units to explain our progress.

ECB and I conferred on op 05/04. We agreed that a small 0.5 x 1 m unit to W of E.V.B. was necessary to secure the W section well from collapsing.

Called BANC/SANTIAGO. AU is now "cheque".

Op 05/04

Cleaned out the rest of the unit to finish Lts 10, 11, 12. We believe we have reached the floor/level upon which WALL 1 was built. This level is made up of cobbles (what else) comprising a rather uneven floor at ca. 1014.30m elevation.

I am not sure exactly what function this 1014.30m surface played. However I am no longer sure WALL 1 is a wall at all! It might be a terrace facade of BLANCO... I need to check the elevations of the BLANCO steps from last year to ascertain their relative position to op 05/04's. Wall 1. Could the highest step of BLANCO be at the base of WALL 1? Need to check elevations

□ Dimas will continue to clean off the surface upon which WALL 1 is built. The matrix is a thick moist clay that suggests some type of wet-laid fill. However this came

2005-02-18

in construction fill contrasts markedly w/ the matrix-less pockets of small pebbles ~~in~~ around the earlier structures.

→ Plans of this level will be taken

The lower courses of Wall 1 seen different from the upper courses. I am concerned of course, that we have excavated through a ~~solid~~ cobble floor to expose the sub-floor wall courses built to anchor the terrace. However, close inspection of the unit section walls gives us indication of a missed surface.

If we missed the elevation/surface - was it removed in antiquity? Was there more construction to the N of B1N20 than we might now expect? At the very least, the excavation will continue to the N - we should encounter an earlier terrace facade that works with Wall 1 in E.U.s E, F, & G.

The lower courses are more uneven, made from tightly packed cobbles rather than the more squarish flat-stones. In fact the lowest course of stones is quite irregular and juts out along the N facade of the wall.

Excavation will now proceed to the W of E.U. B where the N face of Wall 1 enters into the profile (W) of E.U. B.

This unit (for now) will be a 50cm x 1m expansion

in order to avoid further erosion of the E.U. B W profile.

Given that a pocket of matrix-less pebbles is located at the base of Wall 1's N face, much of E.U. B lower W

profile has been undercut. E.U. D will cut back and reduce overhang.

2005-02-19

Given the nature of the understating, E.U. D was turned into a 1x1m unit to the W of E.U. B.

2005-06-26

MISSED work to be in Grakelale City. Sonhays and Ellen covered my units for the day. Notes regarding discoveries from this day will be incorporated in Tuesday's notes...

E.U. D is located with a unit in a foreground - 1 m

U

E.U. D

W

2005-06-26

2005-02-20

2005-06-21 (Tuesday)

Tuesday : having missed Monday, I have a great deal of catching-up to do w/ regards to my units. To wit, the morning was spent looking at the developments from Monday w/ Ellen.

Spoke with Pamela w/ regards to bones from the Op 05/03 excavations. A need for procedure and burial (bone form) was discussed.

W. M. Santiago, MAC + EEB went over his excavations in 2003 (Op 04/07). We have now confirmed that his P.U. E is located precisely where Op 04/07 extended W in 2003.

Op 05/04

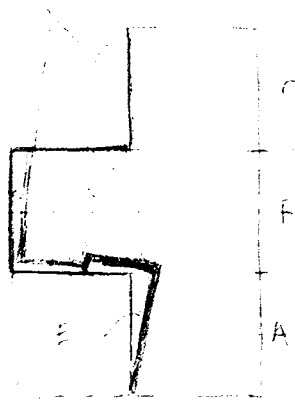
Excavation of E.U. D made the interpretation of Wall 1 much clearer (see sketch in next page).

It has become clear that Wall 1 is NOT a terrace facade (as I had contemplated); it is indeed a wall w/ an East face and a North face. In the S section of E.U. D there is a clear line that would reflect the NW corner of Wall 1 - suggesting a N face to this wall in E.U. E (not excavated yet).

Abutting the lower half of Wall 1 to the W is a lower wall 3-4 courses that runs ^{E-W} ~~W-E~~. It corners (miraculously) in the SW corner of E.U. D and runs N-S along the W section of E.U. D.

2005-02-21

Wall 1 - 90cm wide

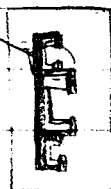


Both these walls are only 3-4 courses high. They ~~are~~ are integral up each other but abutting Wall 1. These two L-shape facing walls appear to be a BENCH.

They could define a bench of the interior of a room defined by Wall 1 to the S.

Importantly, a floor was isolated for this "Bench" that lies ca. 20cm above the "floor" found at the end of lots 10, 11, 12. Could this be an interior floor, slightly elevated (by a threshold step)? Some excavation to the N will be required. It is possible however that the floor on which the bench faces is an interior surface.

If this is the case there we might be excavated the farthest N room of a 3(?) roomed super-str. ^{penultimate} of the ~~phase~~ phase of M. 01.



Much excavation needs to be confirmed this interpretation!!

completed to

2005-02-22

~~As suggested~~

→ Before excavating further in op 05/04, a general cleaning of the excavated units is required.

Artifacts from E.U.D all came from the floor surface -
a ~~one~~ carbon sample was lifted from the floor (actually 2 -
one "good" the other potentially contaminated by being touched).

Like the carbon sample for Op 05/02/05 - this sample
might mark some termination activity including the end of
the Well & Machine (Branco?) and the construction of the
final phase of M. 01.

The E.U.D will be divided into 2 lots - 13, 14 - that
will reflect fill overburden, and floor deposit.

2005-06-22 (Wed).

Op 06/07

2005-02-23

CS is supposed to arrive today

E.V. C 05/07/06 Hums
 07 Canche / Tumbler-Collapse

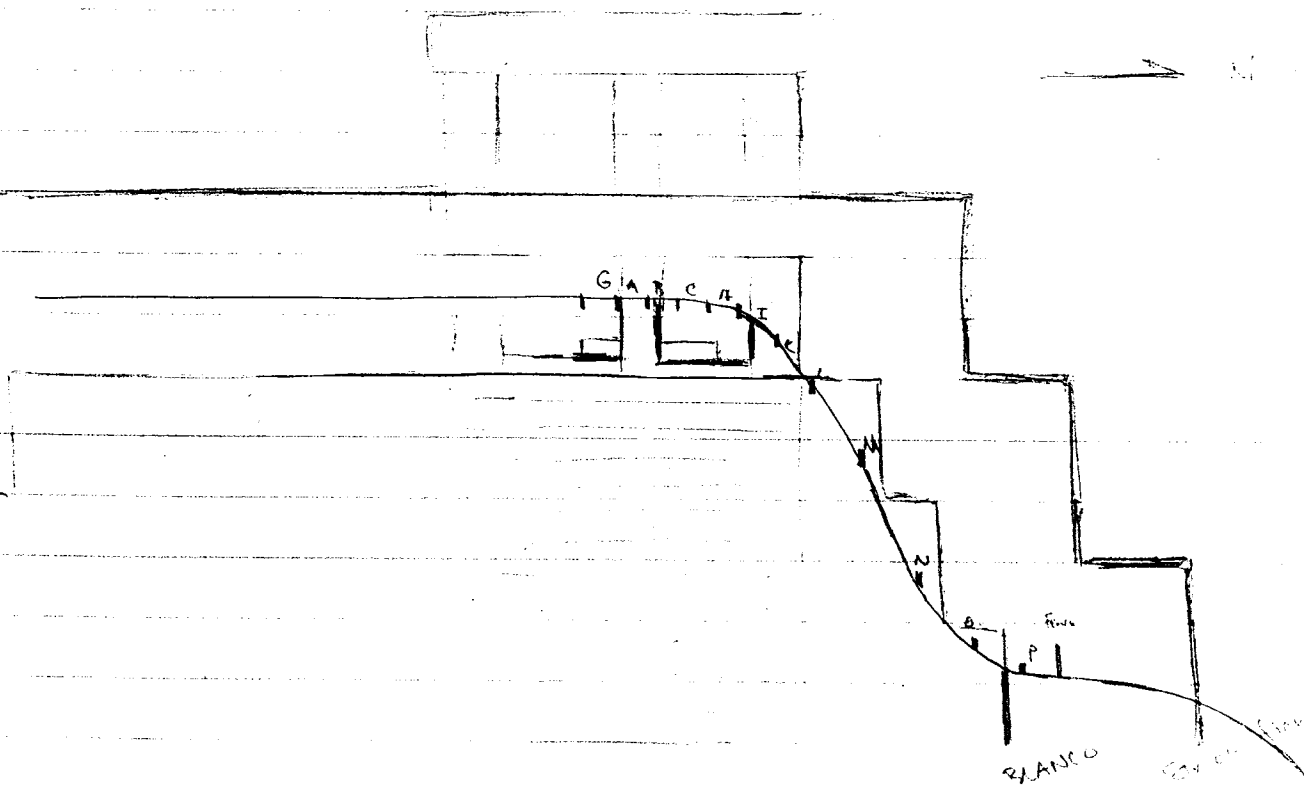
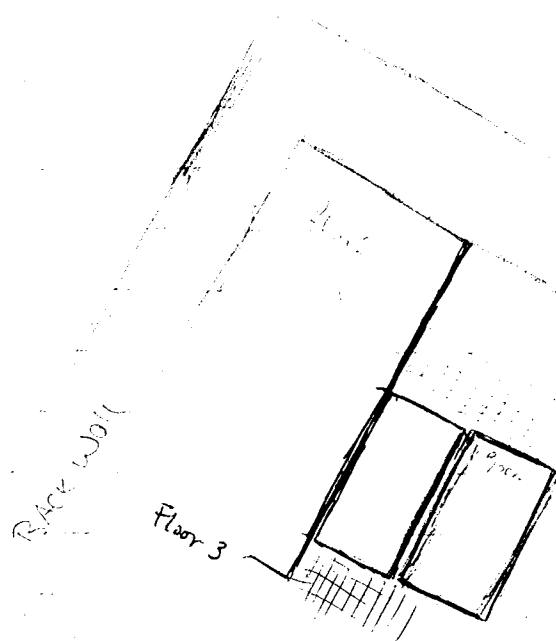
E.V. D 06/07/08 Hums
 09 Canche / Tumbler-Collapse

Excavation in E.V. C has proven quite interesting since the expected Celeste/tee platform was revealed. It is not in great shape - in fact, only the basal course of the Celeste W facade remains intact. Moreover, the Aquamarina floor appears cut in ancient times. It remains somewhat unclear why or how at the moment. What is clear is that the floor of Aquamarina was buried by a clayey alluvium. This alluvium surrounds and seals the floor cut of Aquamarina and the torn-out W facade of CELESTE. Why would it have been torn out? When would this have happened?

For now - excavation will continue E - E.V.s D, E, F to assess the length of Aquamarina and whether CONGRESO can be revealed. However, it seems to make sense to excavate to the S of E.V. C to determine better what this cut means...

17.

2005-02-26



2005-02-27

2004-06-23 (Thursday)

Day of rain. G left this morning after having been caught by the rain yesterday afternoon. Now it is raining yet again. I have been informed that this rain is due to the "movement of the moon". So far as unit covers are working wonders. Little stopping of work, and minimal rain damage to unit walls. Of this achievement alone, I am proud!

Work today will consist of recording and photographing the possible "surfaces" of op 05/04 - E.V.S F/G, getting below these surfaces to the S of Column 1, and

UNIS-02-28

May-06-24 (Friday)

Half-day today since we need to get to Copan as early as possible for a meeting w/ CJ.

Excavation today will involve the completion down to ~~the~~ OWENS floor of E.U. G of 06/07 and the continuation of E.U. F of 05/04.

Pictures of E.U. G of 06/07 at the AM floor level were taken in the morning. Excavation proceeded down to the OWENS level. It appears that the floor cut / facade rip-out of E.U. C continues S to E.U. G. The AM floor is partially cut where it should terminate with the Celeste facade. Moreover, the CELESTE facade stones are missing entirely. Why would this CELESTE facade be missing? Did it just fall away? Unlikely since the space to the W shows no evidence of fallen facade stones. Was it rolled out? The stratigraphy suggests that such an event occurred in the far past - not a recent disturbance.

Excavation of E.U. G will terminate with the exposure of OWENS floor. The question will be: Continue S to follow at the cut or terminate this line of investigation altogether.

Other notes: Op 06/07 is not well positioned to expose CANCERJO to the E. It will reach the river-cut before intersecting w/ Cancerejo.

Excavation to the N seems inevitable - go N from E.U. F or proceed another lin E (ie. E.U. G) before turning N?
Start another Sop altogether?

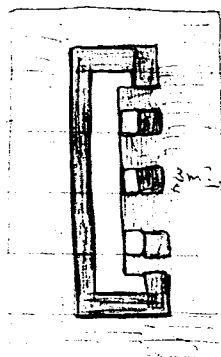
2005-02-30

slightly ~~receded~~ receded as if to add some stability to the upper courses. Only 2 courses of the upper half of the column survive



Excavation at the South end of op 05/04 will involve clearing the area to the SE of Column 1 down to the floor level. This will be a critical bit to determine if there is indeed a threshold step between the column exterior (E facade) and its interior (N & S faces). Upon completion of this E.V. - it will be necessary to reconsider how this S.O.P. should continue S. Given little data and the premise of symmetry, the below drawing approximates the BLANCO super-structure.

BLANCO Super-structure?



Does this drawing fit w/ the data at hand for BLANCO steps in op 05/01 and 02?

Floor 1 is ca. 2m above the landing of Step 9 of BLANCO. Do the BLANCO steps angle conform w/ the N/E location of this Column and the floor it rests on? Did this superstructure have a single large long bench? Where is the Sack wall?

Op 06/07

Excavation today was complicated by the addition of 2 workers also were new and as-yet untanned. However, the plan for today was to excavate the E.U. to the W of E.U. G and then a final E.U. to the E of E.U. F (toward CANOJO/RIVER CRT)

Excavation of E.U. H (W of E.U. G) was required to better understand the state of ~~the~~ CELESTE'S W facade. As mentioned elsewhere, this facade and its attending Aquallanna floor were ripped out in antiquity. However, much of the facade of CELESTE was present in E.U. G though heavily slumped. Not surprisingly, the All floor was still missing in the W half of the E.U. - probably due to being destroyed secondarily as a result of whatever else was blown (sacked) / dismantled from the CELESTE W face.

Excavation down to OWENS floor exposed another cut!

It appears as if the OWENS floor cut

Aquallanna floor cut

CELESTE facade re-cut

were all related

Single event that might involve the removal of cut stones from the CELESTE W facade at some point in antiquity. Unknown whether as part of terminal occupation or post-abandonment re-occupation.

Excavation along floor cut in both E.U. S B/H will be undertaken tomorrow to determine the nature of this cut. It appears to be composed of the same clayey material covering much of the site.

2005-06-28 (Tuesday)

2005-02-32

~~2005-06-28~~ Major rain storm last night rendered the pits somewhat more soggy than normal. HOWEVER, compared to last year's units, these are BONE DRY !!

Sadly the units in Las Aguidas are filtering water from below - little that can be done about that other than bailing...

Excavations today will halt in Op 4/07 in order to photo/draw as well as make at new units to the N of E.v. I

2005-06-29 (Wednesday)

People are getting sick left, right, and center! Yifei is out; Mike is not feeling well; and Larry had to bail. Here's hoping that everyone convalesces quickly!

Excavation in the 05/04 SOP today involves the continuation N of the unit. E.U.s H, I, K represent the 3 meters required to remove the overburden of the excavation that lies above the Floor 1 level to the N. With the termination of E.U. K, the SOP will be a formal trench from the N face of the channel southward.

The soil profiles of E.U. H are a clear extension of the patterns first seen in E.U. C. That is, there is much less concentrated fill, rather there are many cobble stones loosely surrounded by a less packed clayey soil. It would appear as if this area had been first destroyed by the tractor and then filled back up with soil tumbled from above. The matrix of all these E.U.s (H, I, K) is loose and structure-less.

Lot 21 Excavation of E.U. H proved rather unproblematic since the soil was loose and no architecture appeared. It was brought down to the Floor 1 level. What made this level more important was that it represented the elevation at which the E.U. H matrix first appeared solid.

Lot 22 Excavation of E.U. I Given the goal of reaching the N facade of M01 at the Floor 1 level, E.U. I was commenced to the N of E.U. H. Like E.U. H, the fill has been particularly loose.

2005-02-34

There were several "walls" or rock patterns that were potentially part of the architecture. However, it was decided that they belonged solely to the filling episode and were removed. At the end of the day another architectural feature appeared: a wall or second column that was largely destroyed.

Op 20/07

F.U.S. I, K, L were excavated from the top of the CUELO platform. The excavation revealed the same floor/surface as in E.U.I. However, this floor seems to peter out in E.U.L with smaller cobbles located ca. 20 cm below the ~~floor~~ cobble impeded by CUELO. Excavation will continue N to follow out the extent of CUELO's surface to the N. Could CUELO be struc

Lots 22/23 A low wall - 3 courses - of 40cm height was located in E.U.I. It seemed at first like a wall; however, excavation to the N in E.U.L revealed it to be a facade / southern of another platform - **CAUED**
CUELO - that sits on top of the **CUELO** platform.

It does NOT have a plaster floor but a cobble impeded and a prepared clayey surface.

Lots 24/25 Excavation in F.U.S. K and L revealed the same floor/surface as in E.U.I. However, this floor seems to peter out in E.U.L with smaller cobbles located ca. 20 cm below the ~~floor~~ cobble impeded by CUELO. Excavation will continue N to follow out the extent of CUELO's surface to the N. Could CUELO be struc

2005-02-35

2005-06-30 (Thursday)

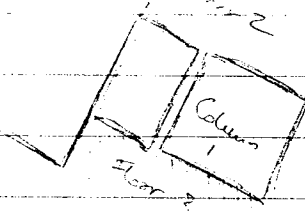
Not feeling great, but will make the most of it.

Went to get Yde's description for our 2000 infome: he talks about a column!

Lots 23/24 Excavation in E.V. J lies come down on the extension Northward of Floor 2. As was the case for 05/04/14 (E.V. D), an superado floor was revealed that contained a great number of burned ceramics and carbon in the floor. Floor Lot is 24

It appears that some major burning event was undertaken through that the interior of this superstructure before it was subsequently buried by fill and M. 01's final phase.

As a result of this E.V.'s material remains, another unit to its N (E.V. L) will be opened up today.

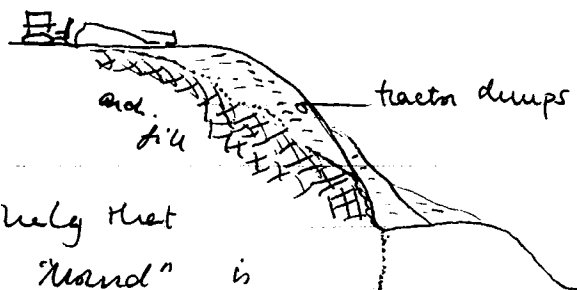


Lot 26 Upon recovery of the Lot 24 carbon, excavation was expanded N to E.V. L which should help resolve the "well stub" found in E.V. I (Lot 22). This E.V. should expose Wall 2's Northern extent. I hope it will run into the Well this's extension W and corner to ~~be~~ constitute ~~an~~ an interior corner to this superstructure.

Lot 22 E.V. I proved quite interesting yesterday afternoon. This morning,

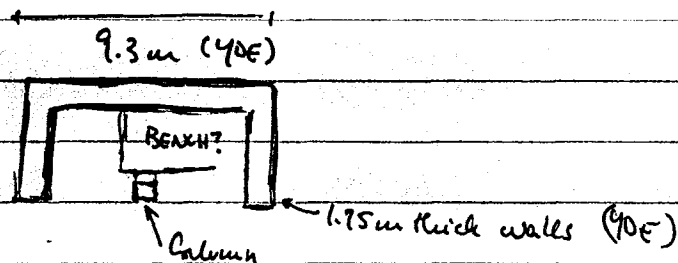
2005-02-36

Some time was spent cleaning it out and extending somewhat north of it to determine if some of it was preserved to its N or W. It is important to note that this "well stub" is located at the northern extreme of the mound. Moreover, it was buried by ca 70cm of loose clayey COBBLE-LESS fill that implies a great deal of recenturbation - perhaps tractor induced? It would seem that the tractor might have undercut the N face of the structure and then dumped material over this side later:



In other words, it is likely that some percentage of the "mound" is composed of the loose fill that the tractor must have pushed off the top of the platform. It would seem that this well stub is all that's left of the ~~original~~ structure b/c much of it was destroyed by the tractor.

Went to consult YDE's description of An. ol's building - he mentions a single rectangular column!!!



What seems peculiar is this single central column feature which is quite unusual for the architecture of the area... Related to Charlie's column

It is also clear that the version currently exposed by our excavations represents an "earlier" version and not the one seen by YDE. HENCE, it would appear as if this plan/design was repeated from version-to-version.

If the final version was a copy of the previous it might be reasonable to suggest that the later version of this structure was built DIRECTLY ABOVE the previous one. In fact, the remain 2 summit ~~rows~~ courses of Column 1 might represent the lowest courses of the latest version...

If this is the case, perhaps 1) Surfaces found in E.O.s F/G belong to the latest version, 2) the superstructure was built to the N of the Mound's center line (?), and 3) all the total stone from the superstructure lies in the N/NE corner of the ~~substructure~~ patio.

2025-06-30

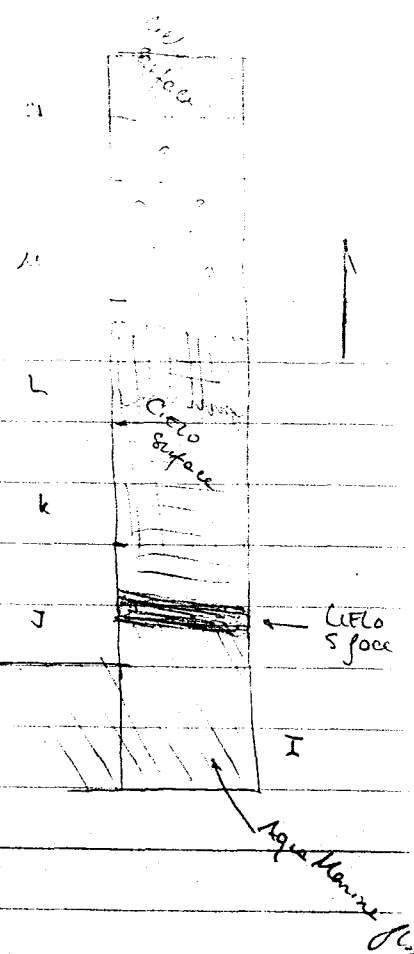
Op 06/07

E.V.s M/N - Lts 26/27 - excavation to the N of E.V. k/L continued today. These units were meant to further expose the Celo surface to the N of the Celo S face.

Excavations through the regular humus top layer exposed a less complete and more irregular surface than in E.V.s k/L. In fact, the Celo surface is NOT in E.V.s M/N. There were indications in E.V. L that it was beginning to break up

The stones used for the Celo surface are mostly the flat-stones that break in jagged shapes that make for easy mosaic-like floors. This Celo surface ends in the ^N edge of E.V. L and is replaced by flatter river-cobble stones that compose a more irregular surface. Was Celo's surface ripped out? Were the stones used fully someone else? Was this a sudden disturbance?

Celo's surface is ca. 20cm high - so it is very possible that these flat stones were recently removed.



2005-02-39

02-01-2005

Fri

Somewhat of a loose and disorganized day at EP. Not much excavation accomplished since workers were required to make changes, stakes, and clean out units for photos.

I spent the morning w/ Ellen at EC to observe the excavations of Jim, Larry, Henry, and Ellen. We were able to confer on several issues regarding the Op 02 unit. I think EEB should be close to revealing some original architecture on Str. 01 - a cap because we still have little idea what/how it was oriented.

At EP, Santiago began drawing Op 05/03's architecture. I also mapped the facade he measured. We called this facade CLARO (along with Pardo, Blanco, Crema). CLARO's E face should corner with ANARU's N face to make 1/4 of the SW corner of P 01. Excavation in Op 06/08 should expose this corner. I am hopeful that by Monday we can begin working ~~again~~ on this unit. I had Misael and Manuel work on the tldo/chimney construction for Op 06/08.

I also began work on Op 05/05 - using Dimitas and Marlon as my aids. We were able to determine and locate the center line of Op 05/05 and place ca. 5 stakes. More will be needed, but it represents a good start for next week.

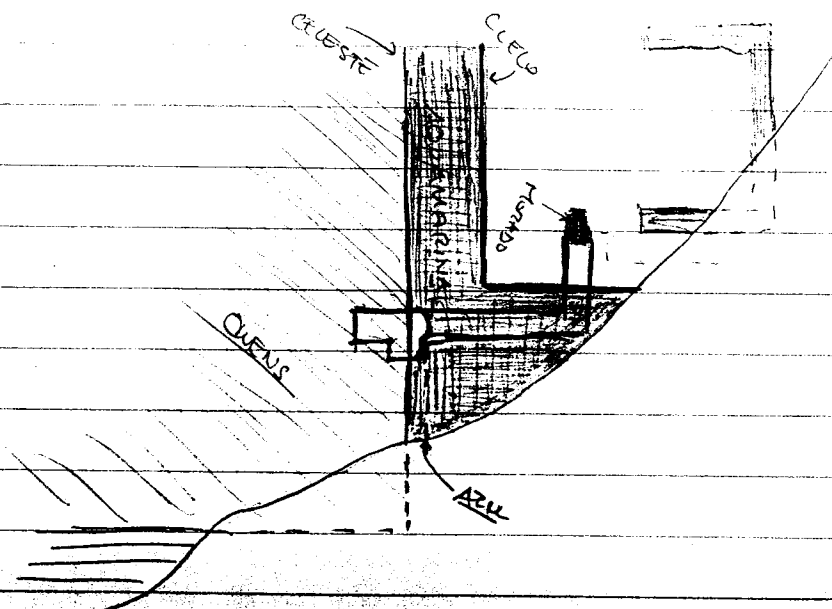
At 2:30pm I went and picked up Orquideas / Ellen returned from Entrada and got the Cafetal people.

2005-0240

Work on Op 06/07 was also stopped after E.V. N was completed.
Both E.V. M/N were exposed to the top of the Cielo surface.
Because the E.V. M/N Cielo surface was somewhat incomplete and irregular, E.V. ^M was excavated further downward to determine if there was another floor below Cielo.

E.V. ^M Lot 28 exposed a very nice surface/floor made of cobble stones. This floor will be called MORADO. It is clearly an earlier floor that might pre-date the Aquamarina floor. In fact MORADO might be the cobble emplacements found just under the Aquamarine floor...

This would mean that Azuf MORADO were then attended for CELESTE/AQUAMARINA and then Cielo was built above/last...



2005-02-44

2005-07-04 MONDAY

No excavations in Ops 06/07
05/03
05/04

I was absent from site on
Santiago was busy gathering
materials for new champas.
Yife's unit continued. Lowmen

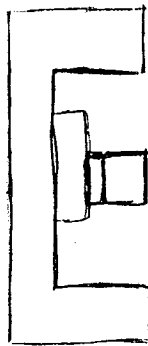
2005-07-05 (TUESDAY)

With the arrival of Roxanne and Brian, the early morning was spent giving a quick tour of EP and the 2005 excavations. Given that Santiago and Mike are going to SPS, I have decided to put ~~together~~ several of Santiago's notes on building the champs for Op 05/05. However, since Mary decided to stay in today due to illness, I have Salva, Rembert, Jorge, and ~~Yife~~ Lorenzo from Cafetal helping as well. By the end of the day Ops 05/05, 06/03 and 05/06 should be ready for excavation.

→ Op 05/03 will be included once the drawing is complete
Op 05/04 is also near "completion". Dinos and Victorians
will be completing the E.V. II excavations and then
excavating E.V. II down to the level of Floor 1.
Given the almost vertical nature of E.V. II, we will likely
only need to excavate its Southern half. With this excavation,
Op 05/03 will look like a traditional transverse trench that
began from the "outside" and worked its way upwards/inwards
toward the machine. For aesthetic purposes, E.V. II's excavation
is critical.

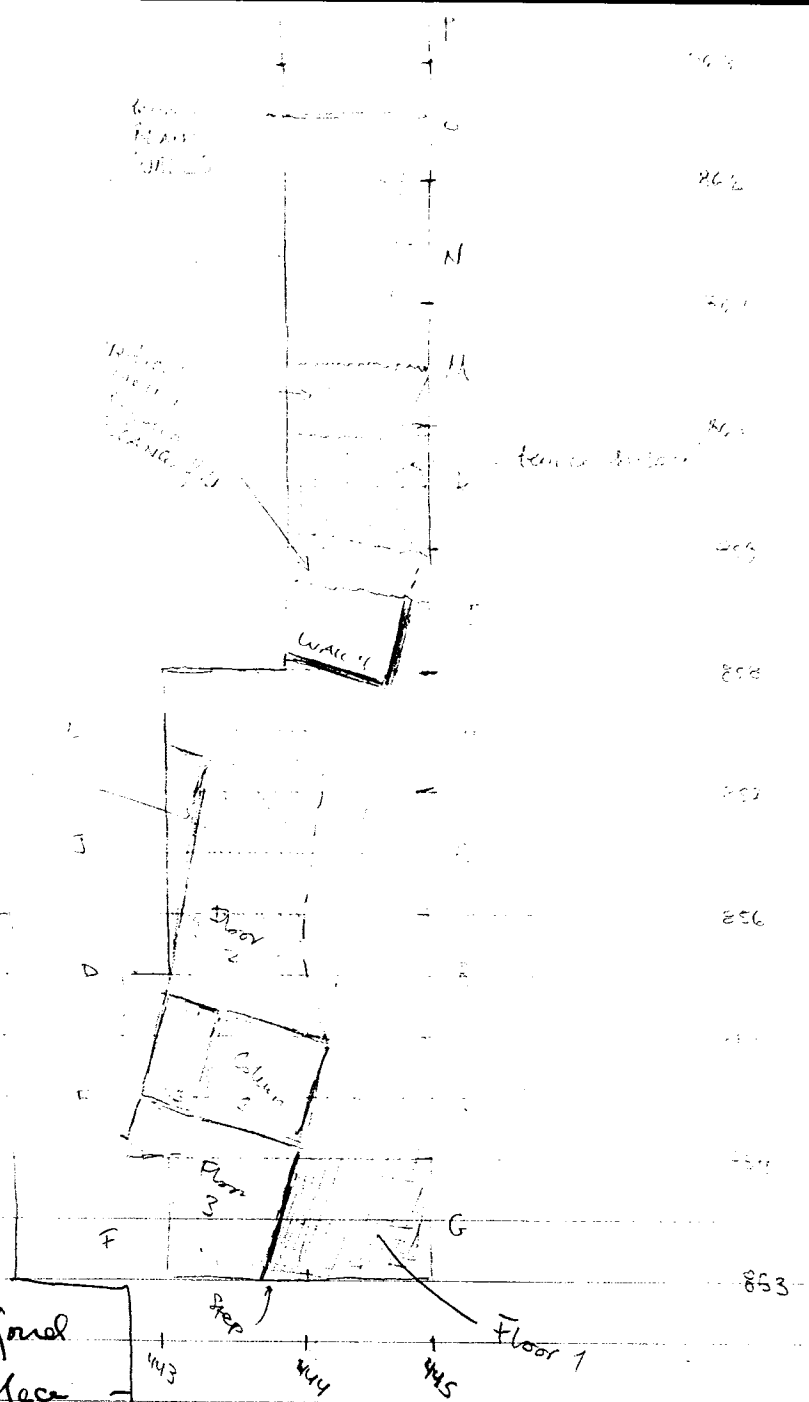
2005-02-42

Floor plan



Wall 4 of E.V. I appears to be the Northern Wall of the BRANCO superstructure. Only a few courses of the Southern/Eastern faces of the wall survive. It appears as if the Northern face of Wall 4 has been destroyed, likely by the tactor. Its

basal course did not survive before due to the N of Southern face at this location. Furthermore, the surrounding matrix is almost entirely composed of loose clayey soil w/ few cobbles. It would seem that this matrix was laid by the tactor and is NOT the original fill that backed this superstructure. Likely, the tactor undercut the platform building to the N; then, once it was located at the surface/top of M. or, the tactor's actions led to the tumbling of the superstructure on the platform's W/N/E sides. This tumbling of material produced the matrix of E.V.s K and M.



Excavation of E.V. M has revealed a very loose soil in the N half of the E.V. - excavation will step downwards and reveal the sub-BRANCO superstructure fill.

2005-02-43

Op 06/07

Lt 29

Excavation today continued northward into E.U. 00 to the N of E.U. N. This unit and likely one more to the N (E.U. P) will reach the superstructure built upon Cielo.

Immediately upon reaching the Cielo surface elevation, it became clear in E.U. 0 that this particular surface was intact again. That is, the E.U. M/N absence of Cielo floor did not extend N. In fact, the floor within E.U. 0 still had some preserved plaster above it to verify its antiquity.

Lt 30

E.U. P was commenced after lunch to extend farther N and determine if this Cielo platform supported a superstructure of some sort.

Made some measurements and found that the Cobble exemplified below Aquamarina floor is at the same elevation as the Morado floor within Cielo. Given these measurements, it seems clear now that Morado was Aztec's surface and predates the Aquamarina/Cielo constructions.

2005-0244

Op 06/08 Excavation of this Sop started today.

This excavation is intended to expose the area between Mo 01/05 as well as determine if CIELO enters with AMARILLO to form the SW interior corner of Paol.

Given our calculations, CIELO x AMARILLO should intersect in E.V.B. of Op 06/08. However, there is the possibility of other architectural patterns emerging.

Usael and Manuel will be excavating this unit.

Santiago will likely continue drawing Op 05/03 and then continue w/ Op ~~05/03~~ 05/06. It will take the course of Las Orquideas excavations before we have the labor needed to open another Sop. Perhaps 05/06 will not begin until next week.

Excavation in 06/08 will be recorded by Santiago, as the 05/03 excavations close.

2005-02-48

2005-07-06 (Roxanne's birthday!)

Spent the early morning at Las Aguilas w/ Ellen and Roxanne. We looked over the units and noted the presence of several interesting architectural features.

Upon returning to EP, I oversaw Yifei's more recent excavation decisions and then ~~put~~ set-up the EDM for more mapping in Op 06/07. Roxanne helped w/ the mapping of the Op 06/07 units as well as the relevant architecture.

I am catching up w/ Op 06/07 paperwork today that might require my downloading the prints early today.

Lot 31 Op 06/07 - excavation will continue another E.U. to the N (Q). At the moment, the Cielo surface has been found in E.U.'s P/O/N. Excavation in E.U.2 should reveal a wall - perhaps of CANGREJO - of a superstructure built on top of Cielo platform.

Lot 29 Op 05/04 - E.U. N has begun. Excavation along the N face of M. 01. This excavation is revealing a great deal of loose soil that was likely dumped/deposited by the tractor 20 years ago. ~~Today, the tractor has been used to clear the area.~~ Sadly, this N section of M. 01 was so destroyed that the loose clayey soil covers the fill of the penultimate construction phase. That is, the Sh. 01 - final and the Blanco phases were destroyed by the tractor. See Pg 27 for a rough illustration of how the tractor might have destroyed the N face of M. 01. What is peculiar about the excavation in E.U. N is that small

2005-02-46

pieces of toba one was being recovered within the loose clayey "hector-fill". It would appear that our theory that the ~~the~~ superstructure is on the N of the platform.

Lot 30 Further excavation in E.V. N has revealed a base fill that possibly corresponds to the penultimate phase of construction. The N face of this construction phase is likely completely destroyed. The small amount of excavation into the penultimate fill has failed to recover any toba stone fragments. This fact reinforces the idea that much of the modern mound is covered by a layer/stratum of loose hector-included ~~fill~~ clayey material that contains a mixture of fill and tomb.

2005-02-47

2005-07-07 (Thursday)

Today I received 6 workers from Los Riquieles, since Pamela and Nat were concluding the excavations today. I put 4 of them to clearing and clearing the S-007 patio. Loose rocks, overgrown grass, trash, etc. were removed for the better part of a morning.

Excavations in Op 06/07 are almost concluded - only E.V. Q (lot 31) remains to be concluded. I believe that once we can determine the nature of the superstructure in that E.V., we can terminate Op 06/07 completely.

Op 05/03 Santiago has finished the drawings of the Op 05/03 architecture. He has noted that the ~~BLANCO~~ CLARO wall slumps severely at a point where there could be a drainage penny. With the completion of the drawings, I suggested that Arielio/Juan Angel could be moved to Op 05/03 to help determine the nature of this CLARO slump.

Santiago will continue with the notes of Op 05/03 as well as Op 06/08.

Lot 30 Op 05/04 E.V. N Some change has occurred upon the further excavation of the BLANCO fill. Some loose small pebbles have been revealed at the S end of E.V. N. These are at the "bottom" of the BLANCO fill that make the S section of E.V. N somewhat unstable. None of the fill will be removed today.

2005-02-48

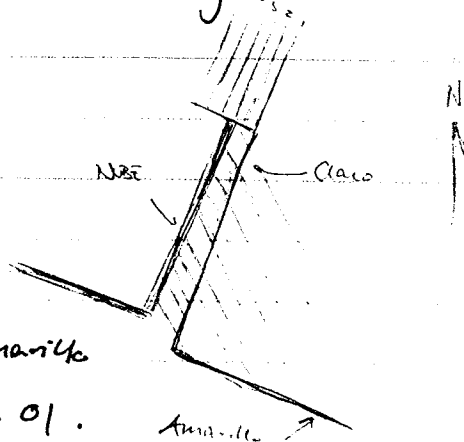
to avoid the collapsing of the fill exposed in E.U. M.
What is curious, apart from the absence of table stones in this
lot, is the presence of these matrix-less pebbles in this
area. Elsewhere this type of fill has indicated the presence
of some structural/architectural feature. It is my thinking that
I am close to exposing a pre-BLANCO architectural phase
(PAULO). Excavation at the S end of E.U. N is ~~now~~ hampered
by the BLANCO fill overhang of E.U. M. Excavation will therefore
proceed down in E.U. N to see if a terrace landing/surface
appears.

Lot 31

Op 05/05 Excavations into CLARO have revealed an interesting feature
that was unexpected. Upon removal of a 1m wide section of CLARO,
no drainage feature was revealed. The removal of the CLARO wall did show
however, that the YDE Pa 01 floor ~~was~~ ran below and beyond (i.e. W)
of the CLARO wall. In other words, CLARO was built AFTER YDE was
laid. YDE was also somewhat deformed (sunk) by the weight of CLARO.

Excavation therefore continued W following the YDE floor. (ca. 80cm W
of the CLARO E facade). ANOTHER wall (NAMED NUBE) was
revealed running N-S (parallel to CLARO). The patch that was
revealed of NUBE exposed ca. 9 courses of well-cut stones. It
is by far the "nicest" wall we have discovered thus far.

The drawing shows perhaps what the
NUBE wall first functioned as - the
1st terrace of St. 01 - last phase
that corners W CLARO wall
then function as the SW corner w/ Amarillo
for later constructions to the S of Pa. 01.



2005-02-49

Op 05/04 Lot 30 - excavation has recovered a few ceramic shards that might help in dating this fill (they look like Aztec or Aztecized). Excavation of this lot will complete with the leveling of E.O. N (and a small portion of E.O. M).

Excavation has just revealed some dinged stones (N-S) that will signal the beginning of Lot 31.

Op 06/08 Misael/Manuel have been working carefully on this excavation that Santiago is now running. Due to an initial mistake of mine, excavation began from the W to the E instead of beginning from the SW corner of the PAOI surface both S to AMARILLO and W to CLARO.

Upon Santiago's control over this Op/SOP excavation was switched over to the E.O. that corresponds to the YOE floor corner. Excavation of this E.O. (E) will be brought down to the patio floor level and then will progress S to AMARILLO grade (E.O. D).

2005-07-08 (Friday)

2005-02-50

Today is a half-day because of our afternoon despedida/party. Excavation will likely terminate at 11am. However, Saturday will not be a work day because of hips/departures scheduled.

Excavation today involve Ops 05/04 E.V. N Lot 31
05/03

→ It is likely that new excavations 06/07
on the N end of Op 05/03 will 04/15
commence next week.

06/07 Set 2 suspended

05/04 E.V. N Lot 31 - excavation today will be conducted by Vicmarino / Dimes / Felix Soto / Ladawende. I still have some extra workers so I will try to relieve this older team somewhat.

Excavation is proceeding ~~to the~~ downwards in E.V. N. This E.V. seems to be composed of much matrix-less pebble fill. However a potential feature has appeared on the units E side - a N/S wall? - that Lot 31's top level is flush with. Excavation of Lot 31 will proceed to the W of this wall downward to a buried floor/platform landing.

Few pieces of tba are being recovered in this Lot - though one larger piece was recovered from the E.V.'s eastern edge. This tba block was w/in the Blanco fill and NOT part of the tractor's dumping.

Op 05/03 - Excavation in this Sop has begun to further expose the ~~op 05/03~~ NUBE wall exposed yesterday. This new wall has necessitated the extension of op 05/03 to the W - i.e. toward Str. 01. It remains unclear how many courses NUBE used originally. There are certainly 2 that are falling forward - making a total of 9 for this terrace facade. There could have been more before the tractor passed over this area.

Excavation to the W will expose the area "behind" CLARO what remains any more of CLARO.

Op 06/08

Excavation has moved to E.U. E to expose the YDE floor in the SW corner of Pa 01. Because there was likely a drain in this corner, there is probably going to be a major sediment build-up.

Excavation in this E.U. is showing that there is a thick rubble layer that overlies a 80cm stratum of alluvial sediment. All the cobbles/rocks exposed in E.U.s A-C are likely from that same modern stratum.

By 11am excavation was ca. 40cm above the YDE floor.

02-11-2005 (Monday)

After an eventful weekend involving trips to SPS and CR, excavations ~~have~~ recommenced at EP. Since Lar Oq. has ended and EER has yet to set-up the lab, I have ca. 6 extra workers. Excavations will expand today to test other portions of the site.

Given the heavy rains from yesterday, some of the units suffered some water damage that will require some attention today.

Op 05/03 will likely not resume excavations until the unit is dry, cleaned, and re-roofed. Furthermore, its roof needs to be redesigned since too much water leaked into it. Aurelio and Juan Angel will be working on these tasks.

Op 06/03 Misael and Manuel continued excavating in E.U. E to the N of Auarilla and W of CL40 to reach the YOE floor.

Op 05/04 E.U. N Lot 31

Excavation to the W of the N/S wall revealed on Friday yielded only some matrix-less pebble fill. Moreover, the exposure of this "wall"'s facade proved that ~~this~~ feature was not a finished exterior face of some construction. More likely it is a fill wall retaining the pebble fill that likely buried/surrounds the structure over which BLANCO was built. Excavation will continue down to

the N of the N/S fill wall. The hope is that if we excavate below the surface level of E.O. N, we will reveal the remains of some part of PaNCO that the tractor DID NOT undercut...

Op 05/06 BEGAN a new Sop to the N of Op 05/03. In fact the units that comprise this Sop were originally part of the Op 05/03 trench. However, since Op 05/03 has since detoured W to recover earlier versions of the Pa 01 SW corner, it was decided that the N segment of units would better be labelled as a separate Sop.

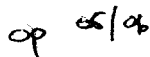
At the moment Sop 05/06 is envisioned as a N/S unit straddling the lower steps of M.01 - East. Given the pattern of superstructures on the N half of the Mound 1 platform it is likely that any/most of the tobe stones should ~~be located in~~ be located in the N half of ~~the Pa 01~~ Pa 01. Santiago's Op 05/03 found 1 tobe stone in a total of 13 sq. m area. Beltrán's Op 04/04 from 2003 found many more in a much more reduced space.

Excavation in this Sop will be undertaken by Feliberto and Enrique.

Op 05/06

Lt 1 E.O. A

Excavation has proven quite interesting thus far. In the first 20cm, several small pieces of tobe have appeared. It is very likely we are correct in expecting a higher concentration of such stones in the N part of Pa 01.



We began w/ E.V. B because the precise location of the Str. or steps was calculated for this E.V.; however, as it so came clear that the steps were as far E than expected, we decided

to expand the excavation to the E in order to give the excavators some more room. This decision allowed for the re-entrance of the E.U.S.

E.V.B consisted of some flat-stones laid in a wall formation at the top 15cms. Given the wall line that survives on the surface, we knew immediately that these stones could be removed - and they were. Below the modern property wall, the soil was somewhat mixed w/ limes and tumbled rock. A many fragmented pieces of tōba were recovered.

At Ch. 30cm bgs the mudcracks w/ lumps transformed into a sandy/clayey soil intermixed with many ~~to~~ stones. It was clear that these ~~to~~ stones had fallen from the superstructure and then were buried by the sedimentation that accumulated after abandonment.

Some pieces were broken (in ancient times) due to their transition

but many/most of the pieces were entire toba faceted stones with long clas. Clearly, the superstructure was made of toba. None appeared designed/sculpted. However one might have been broken off from a sculpted piece.

The concentration not only in the top house layer, but also in the clayey/canche was surprising. It was the most concentrated area of toba thus far excavated - proof that the superstructure was on the N side of the mound or platform.

Excavation in E.V. B finally revealed the YDE floor at However some pieces of toba had tumbled to the floor destroying the surface somewhat. The ~~top~~ toba pieces on the floor will be cleaned off and recorded in a photo before removal.

7-12-2005 (Tuesday)

Taking a Roxanne's last day in EP Santiago is during at CC this morning.

Op 05/02 excavations resumed today. After a full day of clearing and reorganizing the traps, Arvelis and Juan Angel began working on clearing away much of the debris above NUBE to the W of CLARO. The goal here was to recover what might be left of NUBE underneath the tractor path around Island 1. The southern portion of the unit is ~~far~~ more destroyed than the Northern half. The tractor slowly ascended from the Southern side to the northern as it corkscrewed its way up the structure.

Excavation in 2 excavation units to the W of CLARO will show how much of NUBE remains. Furthermore, excavation will also clear away some of NUBE facade behind CLARO w/out destroying any more of CLARO. The longer the NUBE exposure the more precise the plan drawing will be.

Op 05/01

E.V. N Lot 31

Excavation in the N half of E.V. N

has proven quite beneficial. There appear to be some larger rocks that might have survived the tractor's activities. This excavation will now extend N to E.V. O (lot 32) to further investigate this potential feature (pg. 43)

Op 05/06 Excavation will commence to the E of the first E.U. (B) in order to give the workers some space to clear off the YOE floor they located in E.U. B yesterday.

The excavation proceed relatively quickly because the stratigraphy is basic - loam - then - sediment. It will be interesting to see if the like collapsed blocks are found in the same abundance here.

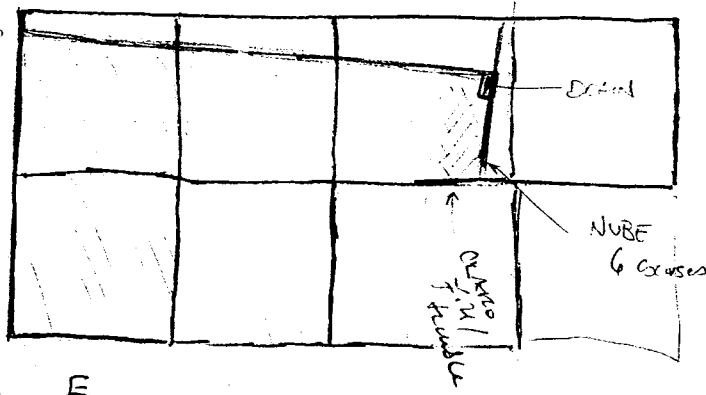
Op 06/08 Excavation here continues now in E.U. D where they ~~will~~ should reveal the N ~~side~~ face of the Anawillo wall. In E.U. E, the YOE floor was recovered at ca. This elevation is consistent w/ the measurements from last year. Curiously, however, the YOE floor in E.U. E is NOT in good shape. It is unclear why YOE should be more eroded in this area than

elsewhere. Perhaps the action of water draining in this corner of P201 resulted in a faster erosion of the plaster surface.

At any rate, all that remains of YOE floor now in E.U. E is the sub-flooring pebble bedding.

Perhaps as the excavation reveals the floor nearer to the Anawillo face, the floor will be better preserved.

Anawillo
3 courses



the Anawillo face, the floor will be

Op 05/03 - Excavations have resumed and more of NIBE has been uncovered. Our first impressions were that the wall might rise ca. 9 courses. Now we understand that there are indeed ~~5~~¹⁰ courses but separated by a small molding between the 6th and 7th courses. Of course, this feature adds more stability to the facade.

It would seem clear that NIBE belonged to the last phase of Str. 01 and that CLAR was built later when the Pa 01 SW corner was being enclosed by Str.s 5/11 (?).

Certainly excavations in Op 06/03 will reveal the relationship between CLAR and AMARUO. Moreover, there is the possibility of a NIBE connection to Thagh for now we expect NIBE to corner W and represent the SE corner of Str. 01 - Left.

Op 06/03 E.U.D - they have discovered the W face of AMARUO! This means that excavation can return to E.U. A-C in order to follow out AMARUO westward and find its intersection w/ CLAR. Unlike last year's exposures, this section of AMARUO does not have any plaster surface. However only 15-25cm of the terrace surface are currently exposed. As expected, moreover, the floor at the base of AMARUO is in good shape.

What is becoming clear is that the stratigraphy of this unit is rather consistent. 1st there is a Cap of Mamm Stones

that measures roughly 40cm in thickness. There is every indication that this Mataru was laid relatively recently. It appears to function as an formal drainage of water - likely resulting from the continued tendency of water to accumulate in the SW corner of the patio.

Below this sterile/modern Mataru of jointed rocks lies a ca. 60cm thick alluvium/sedimented layer that has thus far (E.V.s D/E) been sterile. Below that layer lies the wall/floor.

Op 05/04 E.V. O Lot 32

Excavation in this lot has proven helpful to revealing the remains of BLANCO's N facade. A clear line of stones has appeared in the middle of E.V. O that appears to consist of flat-stones w/ a worked/cut/dressed facade. These are the first indication since E.V. I (none in E.V.s K, M, N) of facade/architecture stones. It will be identified as WALL 5.

It appears that these stones were NOT the highest course of this N facade (likely they comprise part of a N terrace). ~~However~~ They lie ca. 20cm bgs where the tractor passed, suggesting that they constituted a larger, higher wall that has since been destroyed.

Excavation will progress to the N of this wall to see if a floor to this N wall can be found.

Within 15 minutes of isolating this wall 5, a somewhat

regular looking surface has been revealed. It extends to the edge of E.V. 0. Tomorrow, I will start with E.V. 7 to further expose this surface.

07-13-2005 (Wednesday)

Roxanne leaves today - $\frac{14}{5}$. I am taking Roxanne, Penula, and Brian to SPC-Airport so I will be absent from the excavations at EP. Santiago and Yifei will be on-site.

lot 33

Op 05/04 - Dimas/Victoriano will excavate the final E.V. of this Sop - E.V. P. They will also clean at the unit and clean E.V. P down to the "possible" terrace surface revealed yesterday in ~~E.V. O~~ E.V. O in front of WALL 5.

Op 05/06 - Kike/Felipe will clean out E.V.s A/B down to the YDE floor. This process should take a few hours. Santiago will then take a picture of the Steps/YDE with the stones on floor. Excavation will continue in E.V. C to the W of the A/B unit. This should help expose more of Str. 01 - last as well as recover more the stones.

Op 06/08 - will continue W to expose AMARILLO and the corner with CLARO.

Op. 06/07 - the first 10 units along the E/W axis of this Sop will be backfilled today. The second part (the N/S axis of this unit) will remain open for final drawings.

Op 05/03 - excavation will reveal more of the NUBE facade w/out further destroying CLARO. Plots will be taken, and eventually YDE will be cut to see NUBE's extent S.W. - YDE.

02-14-2005 (Thursday)

Roxanne left yesterday, Santiago needs to call La Entada. After the heavy rains from yesterday, the units need a little maintenance. However, overall, they look very good and the exposed architecture has not suffered at all.

Notes today will incorporate the results from yesterday's excavations as well.

Op 05/04 E.V. P Lot ~~33~~ 34

Excavation in this E.V. proved somewhat confusing since the "floor/surface" apparently found at the end of the day of Tuesday did not in fact extend N. In fact, the material removed from E.V. P suggested that this E.V. was filled w/ tractor dump soil. In fact, this material extends in E.V. P below the elevation of the possible floor/surface found in E.V. O. Excavation today will therefore continue downward in Lot 33 to see if there is another facade that could indicate a low series of steps. I doubt that there are steps here and it is likely that the "surface" of ~~Op~~ E.V. O is in fact NOT a surface at all.

Excavation will proceed in E.V. P to determine the nature of the E.V. O "surface". If it turns out not to be a surface at all, then excavation in E.V. ~~33~~ O will proceed to reach some other lower landing/floor.

Op 05/06 E.V. C L+S Yesterday, E.V.s A/B were completed down to the YDE floor. Excavation also removed all the tube stones on the floor once they were photographed.

Excavation began in E.V. C to the W of E.V.s A/B. This unit is designed to recover any more tube that might have fallen. As an added benefit the excavation will further reveal the remaining steps of St. 01-last's phase. There may be more preserved here than in Op 05/01 from 2004.

Op 05/03 Excavations have been ceased now that NIBE shows a 2m exposure. The wall seems better preserved to the N than S.

Op 06/08 E.V. C - much of the excitement is originating from this SOT since it seems to be exposing an expected series of features. First, Amarillo is located as expected - a 3.5 course wall roughly oriented N. Second, ceramics are being found in a surprising higher-than-average (which is low anyway) concentration. Third, the YDE floor is in decent shape along the base of AMARILLO.

The excavation of E.V. C will be terminated soon and E.V. B will be continued. It is within E.V. B that we expect to find the CLARO/AMARILLO intersection. From this excavation we will be able to tell

whether CLARO was built before/after (with AMARILLO). That knowledge will help date SH. S 05/11 too. I expect AMARILLO to be a later construction related to the closing off of the S part of Pa 01 and the creation of Pa 03.

Excavation thus far today is showing an unexpected number of fallen stones ca. 40cm to the N of the AMARILLO facade. Why so many stones are on YDE and above seems surprising w/in the loose sediment. Artifacts are somewhat more abundant here, though the concentration of knitted stones is, frankly, more notable.

E.U. C has been fully excavated and now we will begin E.U. B which corresponds to where CLARO should intersect w/ AMARILLO.

E.U. C did recover more ceramics than previously. Perhaps from the same water fog - not a mix expected as with from the Patio drainage.

0205/04

E.U. P Lot 33 Excavation here proven that the "surface" of E.U. O revealed on Tuesday was NOT a surface. Excavation will therefore resume this collection of foot-laid rocks and proceed w/ E.U. O's lot 32 downward N of Wall 5. Small poses at the base of Wall 5's second course provides evidence that this ~~surface~~ facade does extend downwards. Perhaps the N terrace that Wall 5 represents is more completely preserved than initially thought. No artifacts have resulted from these excavations.

The phase of this wall is likely that of BLANCO since no other facade to the south (and, "inside") wall 5 was recovered.

Excavation will continue to the N of Wall 5 to find its lowest course and reveal the terrace upon which it is built.

Op 06/08

Well, the excavations of the cut have proven us both right and wrong! CLARO does NOT extend to AMARILLO without interruption; does NOT corner W. it Moreover, the drain is built facade. Finally, the drain

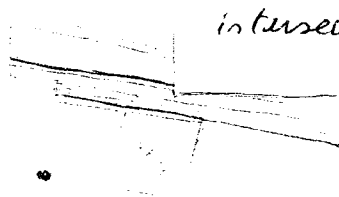
intersects w/ AMARILLO.

into NUBE's proceeds W rather than S. At least we were right about the existence of a drain!

It is a large drain that spans almost 1 m. CLARO, however

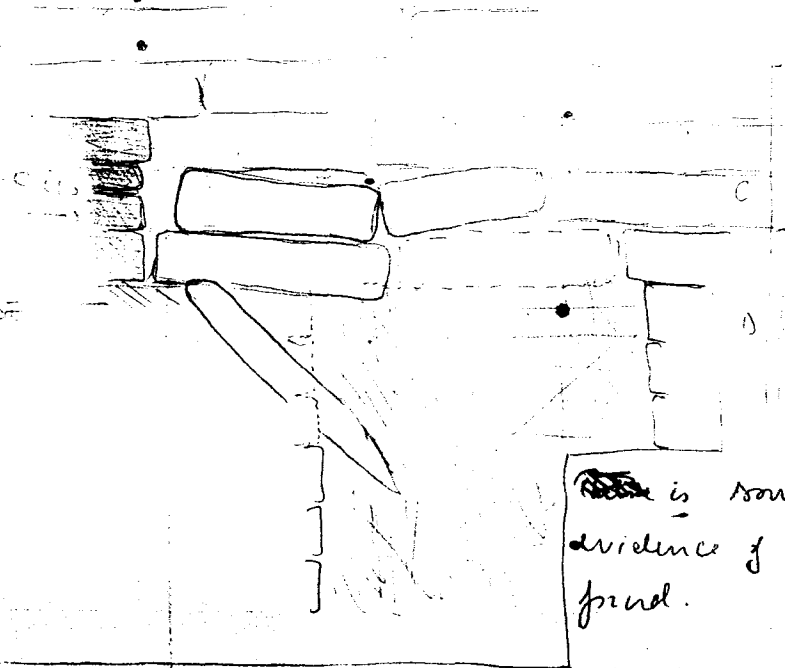
is somewhat confusing since no good evidence of a facade abutting AMARILLO was found.

Given that NUBE corners w/ ~~CLARO~~ AMARILLO, the addition of CLARO is somewhat problematic since it would have cornered the drain opening in NUBE. It is likely that CLARO either cornered before hitting AMARILLO, or consisted of special spanner stones to keep the drain opening viable.

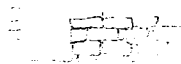


AMARILLO

CLARO



In front of NUBE (to E) there is a great deal of rubble/fill that indicates the existence of some architectural feature, although it appears entirely fallen. Curiously, the Yo-bocm near AMARILLO well, very little fill was found. Does this mean that CIARRO did not go all the way to intersect with AMARILLO leaving a canal open for the water to access the drain(?) OR, did CIARRO incorporate a small canal/drain extension (2)?



The former scenario would imply a finished facade to E of CIARRO; the latter scenario would not...

As for the NUBE/AMARILLO intersection/corner - there are some curious/interesting patterns. First, AMARILLO seems integrated with NUBE; secondly, NUBE rises 3-4 courses higher than AMARILLO and progresses E. It would seem that NUBE is built with AMARILLO as part of a single "enclosing of Paol" event. Likely this event co-incides with the A650 termination of BLANCO.

What remains unknown, however, is at what date and WHY CIARRO was built. NUBE shows no signs of deterioration or slump that would have necessitated a reinforcement through lower m

Furthermore, CLARO is not as well-built as NUBE. It is not integrated w/ the 4th floor; rather, it rests upon it. There would seem to be little use for such a wall other than to provide easier access to the top of NUBE, which was likely 2m high in the SW corner.

Could CLARO have been decorated somehow? Was there some ceremonial meaning that accompanied CLARO? A few tibia stones have appeared in this SOP - specifically in areas of tumble. Perhaps CLARO was decorated w/ tibia at some point? With a carved block? Unlikely and speculative!! ~~of~~

Excavation will now commence in E.V.C. This unit should reveal the NUBE and CLARO walls to the N of the NUBE x AMARA intersection. This unit will help determine what happened to CLARO. Furthermore this unit should help reveal some of the DRAIN.

05/06 E.V.C. Lot 5 This excavation has been somewhat hampered by major roots of a tree located along the property line dividing Joaquina and Muni land. However, with the root's removal excavation could proceed down ~~through~~ through modern tumble.

Surprisingly (given what we found last year), a fourth step was revealed. It consists of a very large stone block that might have made this step somewhat larger than the others. Excavation above this 4th step, however

has revealed no other architectural feature. Given that there does not appear to be a landing along the top of Step 4 (nor is there one above Step 3 as was suggested by me last year given the SOT x/01 results), I now surmise that the steps continued upwards in one single "flight".

The 4th Step however is made of a very large stone block that seems somewhat "suspicious". If all the other blocks from this step are equally large, this 4th step MIGHT prove interesting along the center axis of the stairs...

Excavation will likely proceed to the N in a new E.U. (0) to follow the prevalence of tab to the N.

07-15-2005 (Friday)

Today Zorro L/S thru for the PRC/Pueblo Nuevo group will be coming to visit. Mary is not feeling well.

- 1) Excavation will continue in Op 06/08 to further reveal the drain feature that was exposed yesterday.
- 2) Excavation will also commence in Op 05/05 - the S half of M.OI's Summit.
- 3) Op 05/04 is nearing completion as Pines/Victorians will be reaching a level at which WLLS rests
- 4) Op 05/05 continues today in E.V.C to clean down that E.V. ~~down~~ to the level of Step 4 to ensure that there is no more architecture preserved to the W. Will expand W to E.V.D once E.V.C is completed

My main energies this morning have been focused on Op 06/08. The drain feature proves quite interesting and its exposure will be critical to understanding the nature of the site's water management facilities.

To make this corner of ~~the~~ Pa OI clearer, the excavations will expand N to expose a 2m N of AMARILLO. (E.V.DG) These units will allow for a larger exposure of NUBF and help determine what CLARO does. Given that the space along AMARILLO has shown no signs of CLARO's abutment, it seems unlikely that CLARO "chanaly" continued on to AMARILLO; ~~and~~ furthermore, such a construction would have blocked the DRAIN altogether!

On unexpected tobe which has been recovered in E.V. F.
Given the absence of tobe in Op 05/03, finding one further
S remains puzzling. Is there more to CLARo than meets
the eye? It is a long & tattered facade stone.

Excavation is finding a great deal of tumble/fall along the
NIBE wall that is likely representing the remains of
the CLARo construction. However, there is little evidence
of CLARo's E face as in Op 05/03. This absence might
not be surprising given the extent to which this
wall/terrace was distorted at of position throughout its
exposure in Op 05/03.

While the workers excavate E.V. G down to the
Nibe/Clear level, there are a few comments about
the topography of this Sop that are pertinent.
The Op 06/08 unit is clearly composed of 2
highly distinct strata. The uppermost is a
rock-filled jumble that represents modern attempts
at controlling the water problem that occurs in this
portion of the Patio to this day. In other words,
despite the drain's blockage, water still
drains in this corner. Modern inhabitants have
filled this corner up w/ rocks to avoid the problem.
→ This piling up of rocks is the 1st stratum.

Below that lies the clayey Canche bedrock layer
that covers up much of this site. As elsewhere
this Canche layer is bereft of ceramics. One
exception - along TATEO facade in this Sop (E.V. C).

At the moment, in E.V. G, the workers are beginning to reveal the canche. I will leave them to this and attend to my other units.

Op 05/04 E.V. P Lot 34

Excavation here seems to be reaching the end! The base of the fence wall has been found and a flat-stone surface has been revealed. The workers will clean this unit up for photos. Until this unit is drawn, Op 05/04 is suspended after this activity.

No artifacts have resulted from this excavation. Clearly the fill used to cancel BLANCO was almost entirely empty of ~~artifacts~~ artifacts...

Op 05/05 E.V. A Lot 1

442

442

442

Francisco / Ratti - to be replaced by
Amos / Landaverde

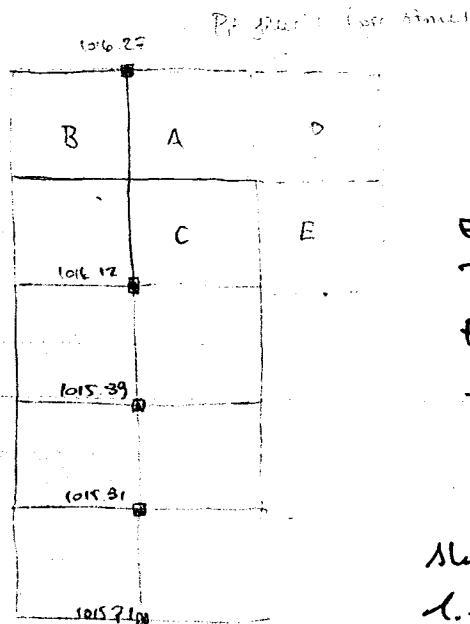
845

840

840

839

830



Excavation will begin in E.V. A to the South of Op 05/04. This Sop is meant to assess if there is some architecture to the S of the BLANCO structure.

If there is some shared surface, it should lie at ca. 1014.50m, or ca. 1.75m bgs of E.V. A's NW corner.

Given what was found in Sopostay in E.V. 1's A, the recovery of a ~~large~~ shallow bgs expedients is unsurprising. I will have them excavate the unit to the W - E.V.B dam to this level simply to get a greater exposure of this possible surface.

Excavation after photos of Surface 1 will continue downward in E.V. A.

Returning to Op 06/08

Excavation has removed much of the clayey conche of E.V. G to reveal the CLARO fill that abuts NUBE. In the NW corner of E.V. G, NUBE looks much like it does in Op 05/03 - 6 cases for YDE, molding, and 2-3 courses above molding.

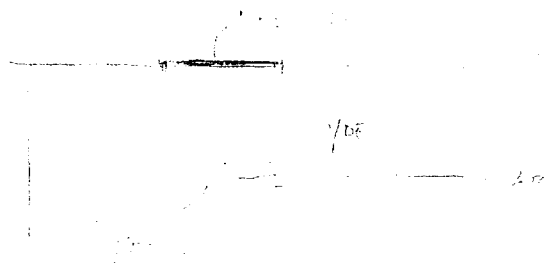
As NUBE progresses S through Op 06/08 in E.V. A, it seems to lose the above-molding stones - destroyed? Moreover, the CLARO fill/tumble has revealed several fallen jaccade stones in the N profile of E.V. G. It is clear now that CLARO completely collapsed at its Southern limit. What is curious however is that there is no evidence of a Southern jaccade and its cornering before hitting Axtelmo. Did it progress to Axtelmo, with a rough spec left open? SCENARIO 2, as discussed yesterday.

Excavation has also commenced between the CLARO / NUBE jaccades ~~and~~ to reveal YDE and see how it behaves

near the drain opening.

Excavation within the CTRC fill, has revealed 2 things:

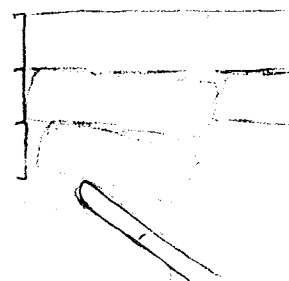
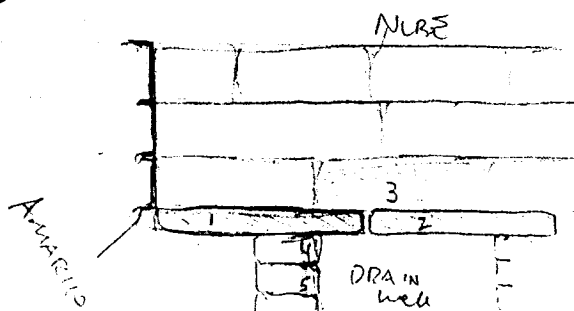
- 1) YDE floor abruptly ends at the N edge of the drain
- side, and 2) there are some nicely faced stones below the CTRC facade / YDE floor in front of the drain.



Excavation in front of the drain is revealing a much more complex construction than simply a "hole" in the wall. It appears as if we have some square "sewer" / "well" in front of the drain that was lined with stone walls from YDE floor downwards.

There is also a very large wide and flat stone that has fallen into the drain well. It appears that this was a stone lying flat on

Hypothetical reconstruction



It would seem that the stone #1 fell into the well because the S wall of the drain-well caved, causing the other flat stone drain-well cover to fall into the well. This weathering probably caused ~~the~~ a large facade stone from NUBE to fall into the well too.

All these stones seem to be buried within a clayey sedimentary matrix that accumulated over the Centuries of rains/floods. It is possible that at the base of this drain a nudge of artifacts might have accumulated. Excavation will therefore continue into the drain well in order also to see if we can see into the drain - i.e. W - to determine how far it goes.

opos/05 E.U. A Lot 3

Excavation here has found a series of well-laid fill rocks that correspond to the fill episode that cancelled BLANCO. We will keep excavation downwards until the first evidence of a floor/well. The pit ~~found~~ on the E side of E.U. A might eventually have to be fully excavated since it is filled w/ loosely packed rocks.

At the end of the day, EEB, YDC, and others came by the site. We were able to shine a light into the drain. It proceeds ca. 8m to the W. It is hard to tell what happens after that. Photos from inside the drain were taken.

As for Op 05/06 EU C and D, lots 5 and 6 - excavation
 could not reveal any steps above #4. E.V. D proved
 to be full of modern collapse that lay on exposed fill
 of M. 01- last. It would appear that ca. 60-80
 cm of material (tumble / fill) were redeposited above
 the last-phase architecture by the heater. ~~There~~
~~get by the way, the structure was not a wall but a~~
~~to be noted that the structure of this architecture~~ after
 it completed its original task of sitting down the
 main structure.

Excavation will continue N (E.V. E) to further determine
 the nature of these steps - same to the N?

02-16-2005 (Saturday)

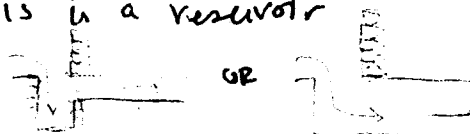
Today will be a half-day. Zorro and co. came last night; today Honduras plays Costa Rica in Copado Oro. Santiago is in La Entreda so I am directing excavations in Op 06/08.

Op 05/04 Domes and Landaverde are clearing up the whole unit for photos - especially of the Northern units.

Lot 4 Op 05/05 Excavation has commenced in E.V.C - 1m S of E.V.A - to open a pit mine area. So far, the excavations are revealing fill w/out any sign of architecture. We have to excavate roughly ~~1.75m~~ 1.75m from the surface to get down to the floor level of the BLANCO superstructure. That will be our stopping point even if we do not reveal any architectural feature.

Lot 7 Op 05/06 Excavation will commence in E.V. ~~E~~ E to the N of E.V.B. ~~Excavation will commence in E.V. E to the N of E.V.B.~~ We ~~are~~ are limited by the Church property to the N and cannot progress much farther ~~to the N~~ without moving a great deal of rocks. Perhaps we will if E.V. ~~is~~ proves heavy in the.

Op 06/08 - excavation here will progress exclusively w/in the drain-well to see if we can find the "bottom". I suppose we will find out if the drain actually runs as deep as the drain-well or whether this is a reservoir built in front of the drain:



Excavation in the DRAIN-well has proven somewhat tricky - water has begun to filter into the well from below. This event is not surprising since no excavation at S-001 has descended below JOE floor WITHOUT intersecting the water table.

At the moment, we are simply bailing out with a small bottle. However, as we get deeper, the problem will only worsen. I just hope we can get to the bottom of the well before the water becomes overwhelming. I am still hopeful that we can recover some artifacts at the base of the drain.

Op oslog E.U. ~~Excavation~~ ^{E Lot 7} excavation in this unit is providing some truly unexpected evidence: the N limit of the stairs! I had expected that the stairs would have gone across the whole structure. However they do not - it appears we will be able to reveal a small extent of the N terraces of Sh. 01's E facade. Actually, this discovery might necessitate the extension of this unit by 0.5m N and W.

Moreover, finding the N limit of Sh. 01- last's E staircase gives us a chance at finding its central axis - something that remains an unknown at the moment. A central axis will allow us an excavation at the foot of this structure's central axis. often important deposits/features are found along such an axis. ...

Op 06/02 Excavation of drain well has proceeded despite the water hazard. What remains of one of the greater bonding factors is the diagonal flat rock (#1 from yesterday's notes). I fear that it is helping to hold up part of ~~the~~ NUB's lowest course. We will try to excavate around it to get to the bottom. What is clear now, however is that this drainage well is not a well properly since there is no west well to ~~the~~ it. Rather it is just a opening for (called a Caja de Registro in Honduras) water to enter the drain.

Excavation will continue down around Rock 1 to see if we can get to the bottom.

E.V.A. 1000



Drain bottom

Caja de Registro

What this drain suggests to me however is that water management was taken seriously by the inhabitants of EP in post-650 LC. Probably this drainage technology was not required previously when the PATios were not enclosed. Copan induced technological advances?

E.V.C Lot 4

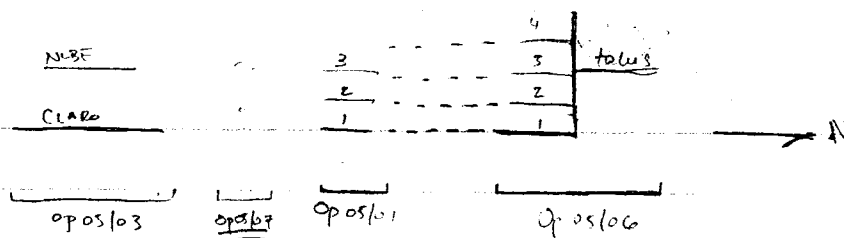
Finishing up v5/05 - has reached the same level ca. 104.80 m on E.V.A. w/ us high of any structure. Much of the later's pit to E of E.V.A. has collapsed (as expected). Monday we will begin by removing this fill and expanding to E.V.D to the E of E.V.A.

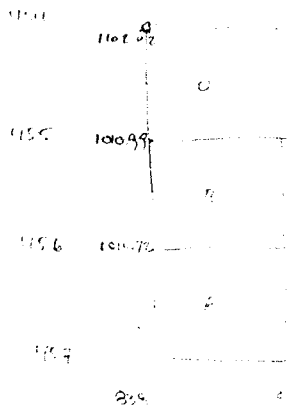
07-18-2005 (Monday)

This week we go to Gate. I am a bit tired this morning; however I have some extra workers since Mary Hill feels ill. I will be able to use them for several maintenance jobs.

Apparently the ramps above 06/08 gave way yesterday, so we had to reorganize the palace structure before beginning.

Today we began a new excavation: Sop 05/07. This unit will investigate the Southern edge of the Stn. 01 stairs. As reported on Saturday, Op 05/06 recovered the N edge of Stn 01's last phase stairs. Given the recovery of the 4th step in this Sop, as well (which was suspiciously high), it would seem logical to look for the center axis of Stn. 01. With the N limit of the stairs, we would need only the S limit to be able to calculate the central axis point. Op 05/07 is designed to reveal the E face of Stn. 01 and progress S along it to find the "end" of the steps or N along it to find the "beginning" of the stairs.





Given the messy nature of the surface in the location of Op 05/07, some time will be spent clearing up and removing messy loosely piled pebbles. This unit is located where the wooden wall has fallen into rubble.

We will begin w/ the Easternmost unit to reveal the YDE floor, after which we will continue W until we reveal the stairs / CLAR wall ~~for the CLAR wall~~. Once one of these features is revealed, then we will change direction and go S if the steps are found, and N if the ~~CLAR wall~~ CLAR wall one revealed.

Excavation has begun and some bone stones are appearing in the excavation of the humus/collapse stratum that overlies the sterile sedimented Canche layer. Although some bone ought to be found, we expect that there shall be only a minimal number, compared w/ Op 05/06.

→ Op 06/07 is now completely filled in.

Op 06/08 Excavation in and around the drain is becoming quite complicated since the water within the drain is now coming in as fast as it can be bailed out. I am determined, however, to get to the bottom of this drain.

We are also noting that the large flat stone that seems to have fallen into the drain is NOT supporting the lowest course of NUBE wall. In other words, with the excavation of the drain if the flat stone comes loose we will remove it.

Excavation has progressed down far enough to demonstrate conclusively that the big flat rock slid down from its original location because the South wall of the drain mouth collapsed, weakening that edge enough to have the corner of NUBE/AMARILLO fall/tumble into the drain mouth.

The water continues to be entering into the drain mouth from below at a fast rate. Given the nature of the fall around the drain is critical to record. I am having everyone clean the unit for photo before progressing further into the drain mouth.

After pictures were taken, the large slab was removed, clearing the entire mouth opening for excavation downward. This excavation progressed slowly but was able to detail the rest of the ~~drain~~ drain mouth - ca. 90cm; the floor of the drain is 1008.20m. However, given the rate of flooding, it will now be impossible to fully excavate the drain - especially since there is only a small opening for a worker to fit.

It appears, however, that we indeed have reached the bottom of the drain - large flat stones as well as the final courses of the drain walls have been revealed.

As hoped/expected, there also were some moderate amounts of artifacts at the bottom of the drain. These likely represent the sludge/dregs that accumulated at the bottom of the drain post-abandonment.

In any case, these artifacts are the few examples of Patisoi's role in daily existence...

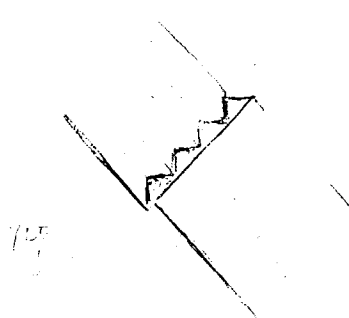
Lt 5/6 In the meantime, Op 05/05 continues downward in E.U. S D/E. This excavation is proving difficult because of the huge number of gargantuan rocks. However, given that part of this ~~rock~~ Sop was a later's pit that was later filled in, I am not surprised that there is an inexplicable jumble of rocks.

I have calculated that ca. 1.75-2.0 m below ground surface of the northernmost stakes lies the surface upon which Blanco's superstructure was built. I am hopeful that we can reveal this surface in the next 2 days. I will do a more complete summary of this Sop next week sometime.

Op 05/06 E.U. E Lt 7

Excavation has now progressed farther N - beyond the steps and revealed yet another unexpected find - a talud terrace facade! Unlike what was uncovered in Op 05/03 - a series of straight walls (CLARO/NUBE). Given this find, Op 05/07 will also be able to investigate

Whether there is a talus slope to the S of the stairs.



This talus facade is flush w/ the first/lowest step and seem to progress as far as the 4th step; further investigation is required to ensure its highest cause.

Excavation will continue to the N to reveal at least another meter - likely to be started tomorrow.

Moreover, the excavation will extend W by .5m to reveal as much of the top of the talus-facade as possible

This will make E.O. E Lot 7 a 1x1.5m unit. As we progress N (to E.O. F), the unit will return to being 1x1. With F there is the issue of a post that I do not want to remove that allows me only 0.5m expansion room to the W.

02-19-2005 (Tuesday)

Am quite tired! Today is the day before our trip to Guatemala. I am finishing several tasks in the hope of leaving the excavations in good order for the rest of the week.

We will have to leave some workers at the sites to over-look the tarps and clean the units to keep them from looking abandoned.

Excavations today involve:

02/08 - expanding S from NUBE/AMARILLO corner to understand why NUBE continues S past the AMARILLO facade.

05/08 - Work continue W toward the Maps/Talud facade. Only E.U. A was completed yesterday. E.U. B Lot 3

05/08 - Excavation will continue in ~~05/08~~ E.U. E Lot 7 to the W to completely clear the overburden from the talud slope. Later in the day E.U. F Lot 8 will be commenced.

05/05 E.U. D Lot 5 } Continuing downward in these
E.U. E Lot 6 } 2 lots. No artifacts found

Op 02/08

Much about the drain and the continuing excavations have been left to Santiago. So today will make the last day of my extensive notes on the matter. It has been decided that the final resolution of NUBE to the S is required, so units to the S of the

Amazul NUBE corner will be commenced.

As far as the drain is concerned, recording has shown its general size and depth. Roughly it measures $50 \times 52 \times 74$ cm
N-S / E-W / depth

The drain proceeds due W underneath NUBE and to the S of Str. 01's S facade. It appears as if some 5-8m W of the drain mouth there is some blockage/torn in the drain that does not permit us to see beyond.

We have taken many photos of the inside with flashlights and flash cameras. They all suggest that there is some large flat rock - a spanner stone? - blocking our view W. Other than excavation in that area, there will be little way of knowing. Perhaps next week we will be able to ~~excavate~~ excavate farther ~~west~~ west.

The material removed from the drain mouth is a sandier sediment, but certainly equivalent to the material that slowly buried much of the patio when it was abandoned. Likely, this drain silted up slowly until the S wall of the drain mouth ceded, causing a collapse in front of the drain. Since this collapsed flat-stone was partially silted, the drain must have continued to operate for a while after. I would suppose that this drain ceased to function long after abandonment.

→ What remains curious is the direction of the drain - why West and not South?

Op 05/07 Yesterday excavation completed 2 Ltr in E.V. A to reveal the 40E floor. As in other units at the E of Str. 01, the unit was composed by a top layer of tumble/humus and a subsequent layer of clayey ~~sediment~~ sediment that buried the whole of Paol.

There are several pieces of tobe recovered from this unit - some are broken pieces, but there are several rather complete facade stones. Not as many as in Op 05/06, however.

E.V. B Lot 3 we are now beginning the next E.V. to the west in order to approach the E facade. It is likely that the facade (whatever its form) will be in the wedge of E.V. B or the eastern edge of E.V. C.

Excavation here ~~is~~ follows the same pattern as E.V. A - however there will be a thicker top lot since E.V. B is located exactly where the masonry wall was constructed decades ago.

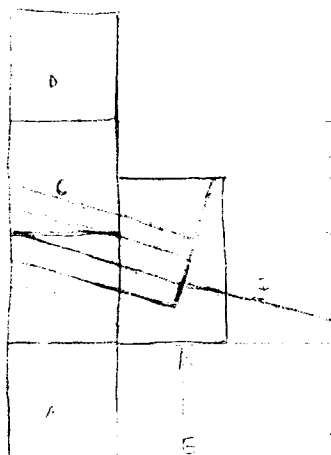
Op 05/06

E.V. E Lot 7/8

Excavation of this lot has now developed into a full-fledged study of the Northern limits of the eastern staircase of Str. 01. Another lot was defined in order to isolate the material that seems to be connected directly w/ the 40E floor. However, given the "high" nature of the architecture, there is little but modern tumble

overlying the architecture.

Expansion N is warranted now since this talud slope needs to be further exposed & be better recorded.



As usual, there is little artifactual material; however, some objects have been found on the YDE surface near the corner of the stairs. These will be given a separate lot design (Lot 3).

The sides of the talud facade are relatively flat and faced. They make up ca. 14 courses of stones with a pronounced batter that makes this facade look more like a talud ~~and~~. It is not "curved" as a batter wall usually is. I am not sure what architectural "style" this wall reflects. Is there some building style like this in Quirigua? I believe there is something similar in ~~the~~ Q.'s Acropolis ... will have to check.



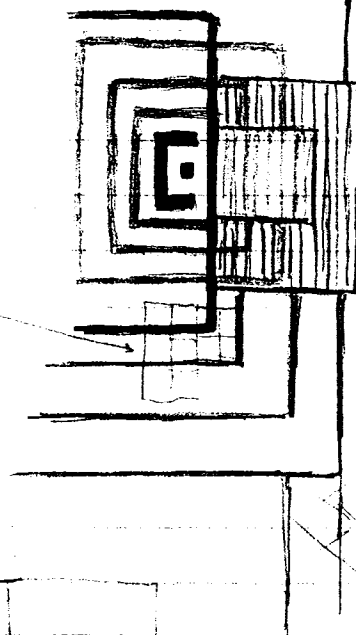
Of course, another issue is the symmetry of this structure w/ NBE, Amavillo coming out of the S...

Op 05/05 E.O. D Lot 5
E.O. E Lot 6

Excavation in these E.O.s has been challenging. There are a great deal of rocks that appear to have no pattern - in other words, pure fill. What remains an option, however is that the E.O. D pit has greatly damaged whatever might have laid there previously.

The question in this excavation is the nature of the S part of Str. 01 - when was it built? I believe it is part of the final phase of construction and that previous versions were ~~not centered~~ centered more to the N than Str. 01's latest phase.

Op 05/05



This scenario would explain why there might be NOTHING
of fecal type in op 05/05 - it is the fall of the last
phase of M. 01 as it expanded Southward.

→ Finished day w/ new instructions for workers.

Groteville. here we come!

07-25-2005 (Monday)

Returned to work after a few days in Guatemala, to give a paper at the Symposium. In our absence, excavations were suspended, although drawing and unit maintenance were undertaken daily.

An update of all excavations will be done tomorrow. Today I will catch up on elevations and directing the maintenance of the excavations. Santiago will be drawing much of Op 06/08.

It is important to note that we began a new Excavation today - Sop 06/09 - to the S of Op 06/08 - it is meant to expose the S facade of M09. Lesnel and Maximiliano are conducting these excavations. The main purpose of this Sop is the recovery of material for Cassandra's analysis (she is now w/ us).

Excavations : Op 05/05 E.U. D Lot 5¹ - Continuing
E.U. E Lot 6¹

down in the southern portion of the top platform. We want to remove w/ E.U. D Lot 5 what is left of the later's pit fill placed recently. E.U. E will be kept flush w/ E.U. D in order to keep excavation feasible.

Op 05/06 E.U. F Lot 9/10 Extension of excavations to the N of E.U. E to reveal more of the talud facade of M01 - ~~last~~.

Op 05/07 E.d. C Lt 5 With the termination of F.V. B in the recovery of only the 4th floor, a 3rd unit ~~begins~~ begins today to see if the latter half of the F facade of M. 01 is the same as that of the N half. Given the orientation of M. 01, this unit must contain some aspect of the structure

With Santiago drawing Op 06/08 this unit has quieted down. The exception is the continued excavations to the S that one designed to get All of the SW corner of Pa 01.

Upon discussion w/ him, it became clear that there was no way we could determine where this drain went w/out excavation. We decided to attempt a reading of orientation and distance.
 With the distance measurer - 7.1 m
 Orientation - $91/269^\circ$

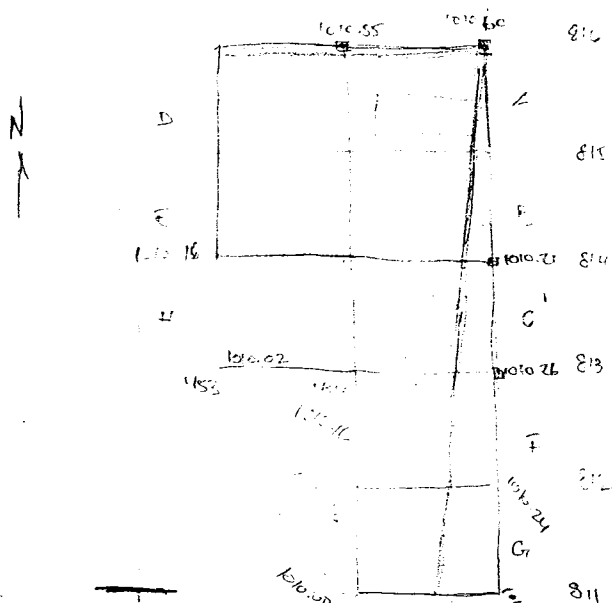
We decided that an excavation roughly W of the drain mouth at 6.5-7.5m from Op 06/08 was warranted. This will be Sop 06/10. It will begin tomorrow.

Op 06/09 New excavations begin today to the S of Op 06/08 - on the S side of the St 04/05 union - to the W of M. 09 (in Pa 02).

Technically, Op 06/09 should be an extension
 of Op 06/08 - however given the E-W direction
 of Op 06/08, it was decided an new Op was
 required. In large part this excavation is designed

to recover some more architectural
 material from the area
 Jonathan Bettis excavated (Op 04/11
 in 2003. It is hoped that this
 material will help complement
 the architectural information
 for this season's excavations.

Ceonel and Maximilian are
 doing the excavating.



Given how behind I am with elevations, I will spend ~~what~~
 what is left of the morning going to Ops 05/05-06-07
 to gather the necessary info.

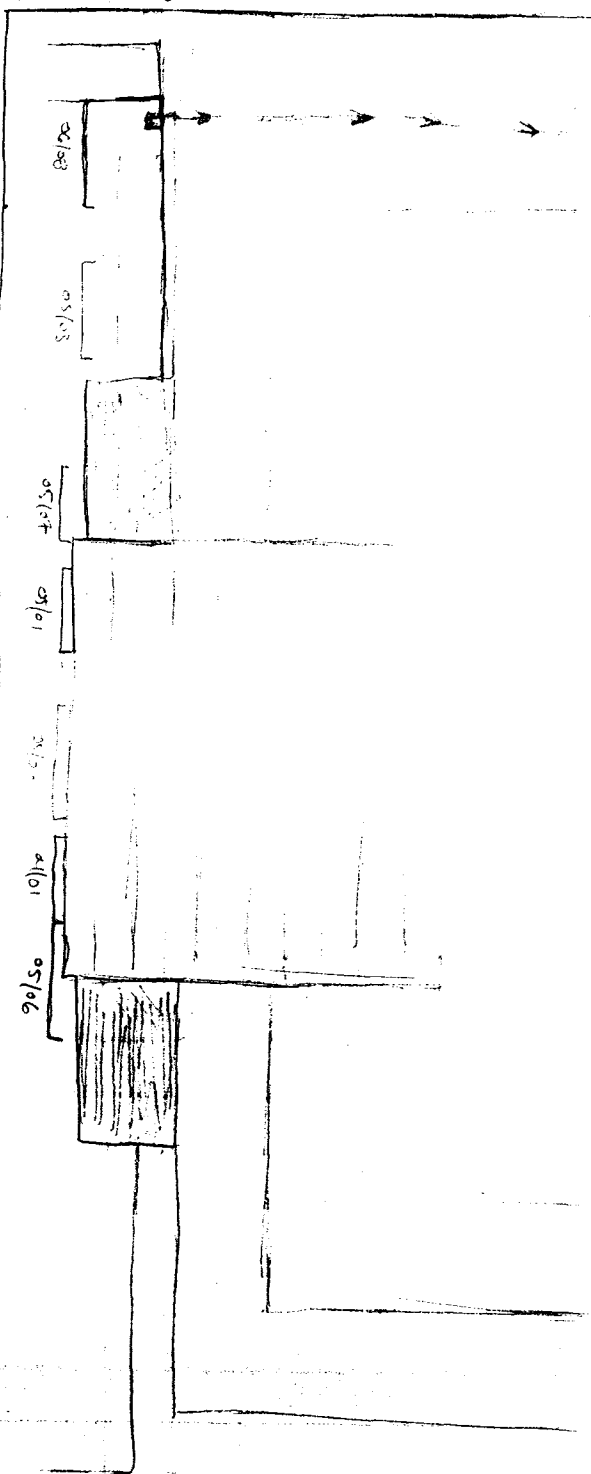
Of 05/07 - Excavation was able to go through two lots in the morning Lots 5 and 6. Lot 5 was modern machine tunnel, Lot 6 was same tunnel but ~~had~~ earlier in time. Lot 7 that is now half finished is the sedimented canche that overlays Pool.

What has been removed in Lot 7 is the talud slope to the S of the Central stairs! We now have proof of a degree of symmetry. What we will need to do is follow this talud slope N until we hit the stairs. We will then know the full extent of the E staircase.

Of 05/06 - E.O. F

Lot 9 - modern tunnel/tunnels
 Lot 10 - sedimented canche
 Lot 11 - level of soil on the YDE floor.

As expected excavations found more of the sloped facade to the N of E.O. F. We have completed this excavation



down to the YOE floor level.

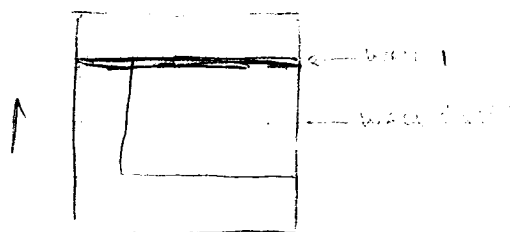
Next I will commence a final E.U.

Lot 12
- G -

to the

W of E.U. F to see how far "up" the sloped terrace goes before being destroyed by the tractor.

Op 06109 E.U. A Lot 1



Somewhat unexpectedly, we have found architecture in this small unit! It appears to be the northern wall of this 04/05 and some smaller wall (step

ca. 1m below the top level of

Wall 1. Moreover this lower architectural

feature does not progress throughout the entire unit E-W.

The surface of this lower architectural feature is flush with a major soil change in the unit. We are now seeing an orange clayey layer that seems very similar to the unexplained clayey layer in Jonathan Betton's 04/06 unit from 2003.

These architectural features are composed of the same flat-stone that characterizes the other elite buildings of the site.

Because of the restricted nature of the unit given these features, E.U. B (to the S) will be commenced in order to allow for progress down to Pa02's floor - aka Lotting fl.

07-26-2005 (Tuesday)

Had much trouble this morning getting new units set-up for Yoon.
It has begun to heat up somewhat - unless down it is the
barometer. I hope they are right!

Today we begin excavations in Op 06/10 - to the W of Op 06/08
to determine how the drain goes. The main question involves the
apparent block in the drain as seen from Op 06/08. The
distance measured calculated ca. 7m from the drain mouth.
Op 06/10 is located in the spot most likely to reveal this
feature from above. Does the drain turn right/left?
Does the drain head out farther W? These questions
will help explain the nature and meaning of this drain.

Excavations today:

→ Op 05/05 E.U. D 5
E 6

Continuation of units down through
pit - likely dating to latest phase of
construction.

→ Op 05/06 E.U. ~~lot 10/11~~
~~lot 12~~

F lot 10/11 Excavation of the
G lot 12 YOE floor in front of
the talud facade. Expansion of excavation W to explore up
the facade and determine where the talud slope turns into
a terrace landing.

→ Op 05/07 E.U. C lot 7
D lot 8

Completion of excavation down to the
YOE floor in front of the talud slope

Excavation will continue to the N in front of the lowest
 crease of the Southern tailed slope. In other words,
 E.U. D is directly to the N of E.U. B.

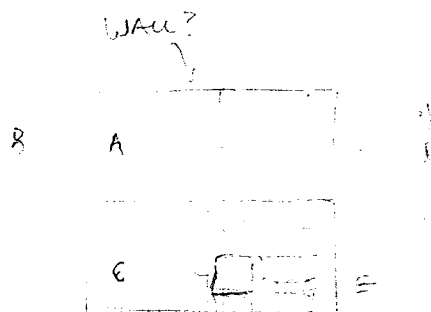
These excavations should reach from the S the ~~farthest~~ S limit
 of the stairs and be able to indicate the full N-S extent
 of these stairs.

Op 06/03 E.U. B Lot 3 Excavation yesterday was able
 to bring E.U. B flush with E.U. A after Lot 1. Lot 3
 will now commence in E.U. B down into what can only
 be called an ORANGE CLAY. The nature of this clay
 remains somewhat mysterious since it does NOT feel like
 it is Naturally deposited...

Op 05/05 Dimer and Joe have been toiling in this rather horrible
 unit for several days. They are finding nothing but fill stones
 for over 2m of depth. I am concerned about the depth of
 the unit since I do not want an accident. However,
 they assure me that the fill is quite ~~stable~~ stable.
 However, the rains are keeping everything dry. I will
 follow their lead on this.

Now E.U. D Lot 5 / E.U. E Lot 6 represent
 the easternmost units of this Sop. Excavation here

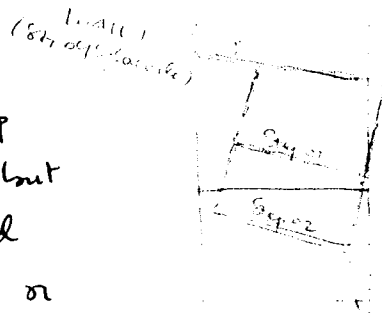
then led us back finding any indication of architecture. At ca. 2.0m bgs, some odd stone alignments were revealed; especially in E.U.s B/C that were finally made flush by excavation in E.U.s D/E. There was some thought of a Chamber w/in the fill. Large spanner stones were also found ca. 40-60 cm above the "Chamber" Unit (to the W). This interpretation ~~is~~ is lightly speculative since no other indicators of a major feature ~~are~~ are present.



Could the mass of stones in E.U. E represent the top of some chamber? Excavation in E.U. D ~~will~~ will continue to see if this once to the E was indeed a chamber.

Op 06/09 it is becoming clear that this unit is critically placed to uncover architecture and NOT artifacts! We have found yet another wall - N-S - that corners with Unit 1 (S facade of Str. 05). The lower architectural feature turns out to be the top of a step - likely leading down to look up ~~floor~~ floor. So in this small 2x1 m unit we have the Str. 09/ Str. 04-05 abutment and a small flight of steps!

This unit is now complete -
 E.U. B Lot 3 - it reached the top
 of Step 2. The soil is still orange but
 a new Lot (4) will be commenced
 heading down to the lotrup floor or
 to another soil change.



There is not much from the clayey level, though on top
 of Step 2 there was some ~~concentration~~ concentration of artifacts
 and carbon. A sample from this Step was collected.

Excavation has hit a soil change that appears to
 be the end of the ORANGE soil and the beginning of
 a darker brown silty caudex - ~~by~~ this is the typical
 soil that was deposited post-abandonment throughout site.

Lot 5 will take this soil to the floor.

Op 05/06 E.U. G Lot 12 Exposure of 40' floor at the
 E.U. F Lot 10/11 Corner of the stairs proved
 quick and easy. However, as expected, there were some
~~artifacts~~ artifacts lying on the surface/floor so they
 were collected in a floor lot, separate from the
 caudex/soil lot. The floor at the corner of the stairs
 looks unexceptional - perhaps more investigation could lead
 to the recovery of a cache of other strategically
 placed deposits - but for now there is No evidence
 of such activity in this area.

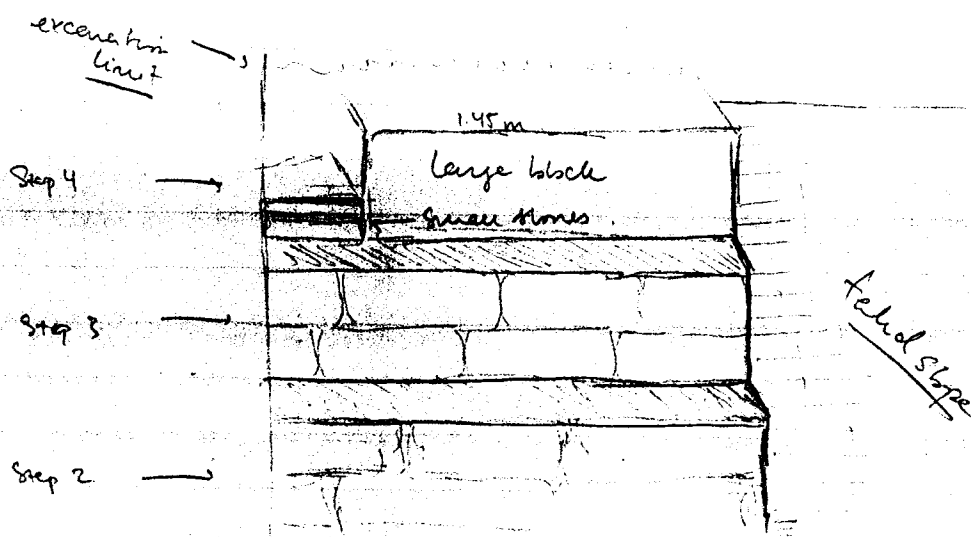
2005-02-09

What has become abundantly clear from this excavation is that the amount of stone gathered from this E.U. is quite smaller than what was found in E.U. B. Curiously E.U. E to the S was also equally poor in the stones. This is an unexpected pattern since we have surmised that much of the stone would be on the Northern side of the platform as it came tumbling down from the superstructure above.

So far the distribution of the stone is NOT reflecting this sense pattern. I would have expected a relatively general distribution of the Kungshat these E.U.s. Rather E.U. B seems to have by far the greatest # of the stones - this is an odd concentration along the steps rather than on the 4th floor where I would expect the # of blocks from meters above to have fallen...

E.U. B

Moreover, I have noticed an odd pattern that I cannot explain as of yet. It involves Step 4 of the Eastern Steps which is composed, uniquely, of both a massive stone block and smaller stones:

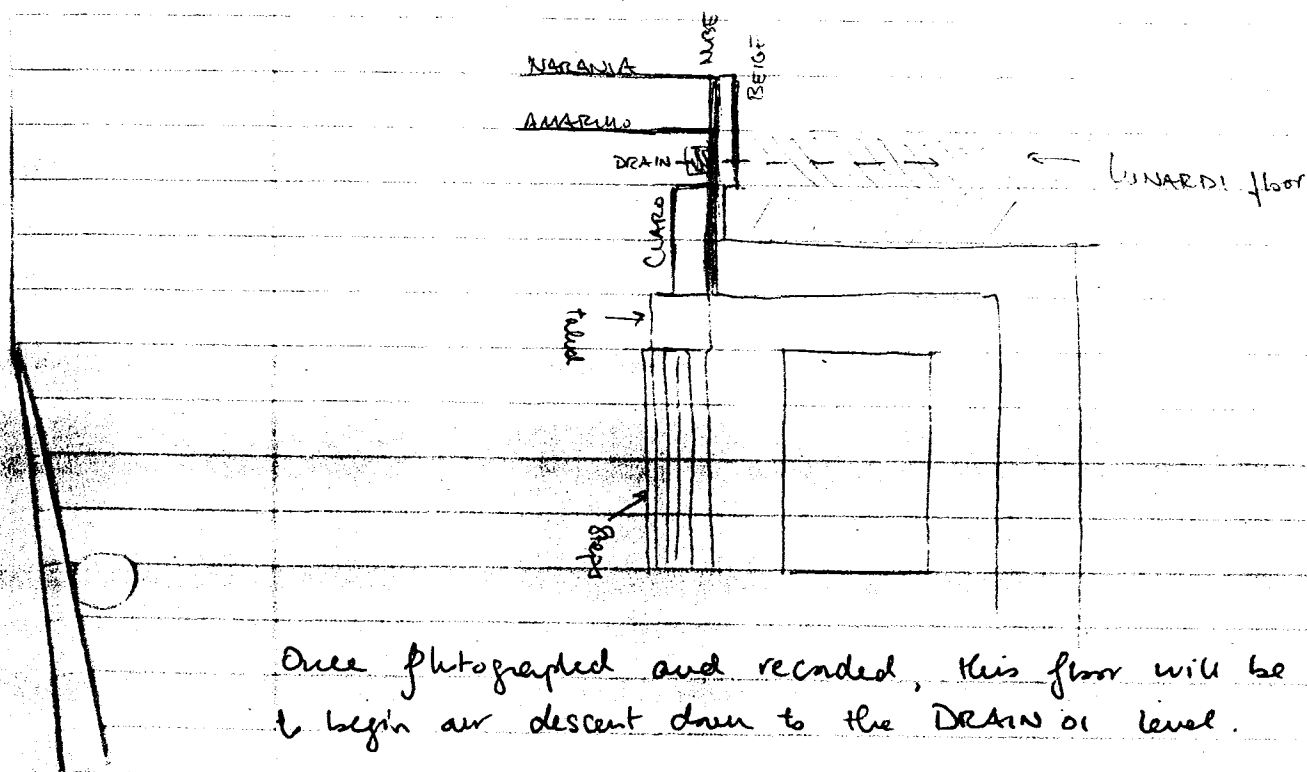


This arrangement of stones composing the 4th step seems peculiar to me. Why would there be such a change? Did the facade stones of the stairs usually take any shape ~~size~~ - and serendipitously a large stone was encountered and used? Perhaps it has no meaning, but it remains curious. . .

06/10

E.u.A Lt 1

Excavation in 06/10 began today. They have seen progressing nicely, finding a surprising number of ceramics in the first 20-30 cm. In point of fact, they have uncovered a floor made of plaster, ca. — cm bgs. I will call this the LUNARDI floor. This thin - plaster, white, thin - is located in between the S facade of St. 01 and the St. 04/05 platform. It would appear that LUNARDI ~~was~~ covered the area reserved by NUBEI BEIGE.



Once photographed and recorded, this floor will be cut to begin an descent down to the Drain or level.

Op 06/07 E.u. D Lt 8 - excavation has continued to the N of E.U.B to investigate the extent of the stairs to the South. This excavation is meant to recover the center axis of this building. Given the angle at which this bldg was constructed ca. 12° E of N, ~~the~~ the lowest course of the talud-facade should run along the W edge of this E.u. - I do not want to clean away more area than I have to! I believe we should catch the talud slope N - and hopefully abut w the southern edge of the stairs.

Excavation is coming close to the 4th flr. Excavation will continue here tomorrow...

07-27-2005 (Wednesday)

Excavation today will continue in several ~~excavation~~ units today - actually, I have a rather large crew these days that is making ~~excavation~~ keeping my notes up-to-date difficult! Moreover today I need to take several plan-prints of the excavations - I am far behind in recording the exposed architecture...

In terms of plan prints, I plan to record Ops 06/08
 06/09
 I will still need to do some on Yifei's Op 04/15 05/03
 later - perhaps by the weekend. 05/06
 05/07

My notes might be somewhat scattered today because of my print-taking. Before I begin, however, I will review all the excavations.

→ Op 06/09 E.U. B Lot 5

E.U. C Lot 6

Excavation this morning will expose the Lothep floor fully.

The few spots I can already see ~~show~~ show it to be a yellow plaster floor like the others of Pa 01/03. Actually it looks identical to the floors found in Op 04/10. Because that floor ended with a line of cobbles, it is clear to me that Lothep is an "apron"-floor for Sh. 09.

Once this is completed, it will be warranted to excavate another unit (E.U. C) to the S to expose more of the floor and Sh. 09's W wall. Material should come from that unit.

The soil sitting on Lot 4007 floor is the sedimented Canche
 of elsewhere. However, this one is quite filled w/ artifacts
 that should reflect the final phase of occupation from this site.

For E.U.C - I have already noted the stratigraphy - quite
 straightforward actually. E.U.C will be excavated in 3 separate
 lots (6, 7, 8) that correspond to lenses, orange clay layer,
 and the brown sedimented artifact-rich Canche. With this
 excavation unit, we should be able to get as much material
 as possible (given the absence of much architecture in E.U.C).

→ Op 0610 E.U. A Lot 2

Excavation below LUNARDI floor. The fill here is a
 very loose and sandy matrix filled with fist-sized
 pebbles (cobbles). It is loose enough that some of
 the side walls are already showing signs of collapse.
 We expect the drain to be ca. 1.5m long. I am
 hopeful that this unit will be able to get to the drain
 before collapsing further.

No artifacts found in this fill whatsoever.

→ Op 0507 E.U. D Lot 8 The lot has reached the
 Canche level. We'll now finish lots Lot 9 and proceed
 down to the 4005 floor. Given what the stairs look
 like in the Northern half - it now seems unlikely
 that they will be in E.U. D - perhaps in the next E.U. to the

Monera, Op 05/07 is also recovering some toba stones - not as many as Op 05/06 E.U.B., however these pieces are not sculpted as best as I can tell!

Again, the recovery of toba stones this far south is somewhat unexpected given where the source of these stones ~~is~~ is allegedly located. A complete analysis of the frequency/distribution of the will be necessary soon...

→ Op 05/06 E.U.G Lot 12

Today Felberto Enrique will be excavating E.U.G down to the top of the talud slope. The key today will be to make sure enough is removed of the "modern terrace" without having to expose a 3rd unit to the W (E.U. H?). It is important to locate the top of the talud slope - perhaps a landing of rats as well.

By the looks of the W limits of E.U.F, it would appear that the Northern limit of the unit shows better preservation than the Southern one. In other words, if we were to expose more to the N we might see where this talud terrace ends.

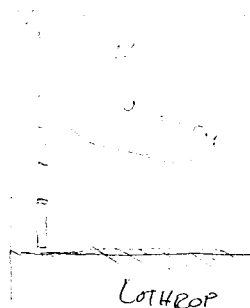
At any rate, this excavation will be brought down in a single lot since we are currently removing modern rubble.

Op 06/09 E.U.C Lot 6-8

Excavation has commenced in a 3rd unit - S of the Wall 1 facade. I am expecting this unit to expose none of the Str. of W facade down to ~~LOTHROP~~ floor where materials are now being recovered.

The first Lt - ca 15cm thick is the humus soil where little is recovered. The 2nd Lt is the clayey orange soil where there is little material either. ~~It is~~ Interestingly, the orange clayey soil thins as it approaches the W face of Str. of. It appears likely that this was a placed or laid soil and not ~~the~~ the result of some natural deposition.

Artifacts are
medium where
materials.



expected in the lowest
they reflect latest occupation

Op 06/10 E.U.A Lot 2

Excavation continues downward into a loose and dry fill. The workers are clearly concerned since the section walls are unstable. No artifacts are being recovered from what looks like an unstable/massy fill.

~~Op 05/07 E.U. D Lot 9~~

Op 05/07 Lot 9 E.U. D
Lot 10 E.U. E

Lt 9 needed the YDE floor w/out surprise. The talud slope continues N in this Lt and therefore ~~causes~~ forces this excavation to expose another E.U. to the N. - E.U. E. This E.U. E will be located just South of ~~Op 05/07~~.

Op 05/01 E.U. C's Southern profile. It is clear that Op 05/01 from 2004 just missed the southern edge of the stairs.

Actually, in order to avoid revealing the backfill of Op 05/01, Op 05/07 E.U. E's N limit will only be 50 cm N of E.U. D's. In other words E.U. E will measure only 0.5m x 1m. It is hoped that this extension will be enough to expose the Southern stairs. As usual, this E.U. will be excavated in 2 Lots (10, 11): humus (modern tundra) and the Canche sediment.

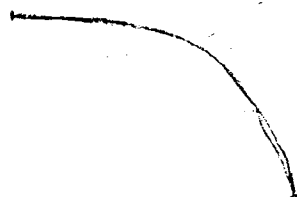
Op 05/05 E.U. D Lot 7

Excavation has now continued below the possible stone feature (chamber) in the NE quadrant of the previous exposure. So far only fill and no artifacts have been recovered. I will allow Dima to penetrate as far as the next feature in this E.U. I feel now more sure that this Southern part

if the structure was a later addition and that the only possible architectural feature is an earlier version - of the southern face

Figure 10.4.1

Figure 10.4.1



If a facade or surface is encountered, excavation will cease and expansion of this exposure will be undertaken.

Op 05/07 e.u. & Lot 11

Recovery of the southern limit of the stairs!!
Excavation has revealed 2 steps that appear to be the first step (step 01) of the final phase of St. 01.

terrace



✓ Step 01

With this limit encountered I measured the full extent of the front stairs: 9.6m

2005-02-10

With this measurement I have also now calculated
where Op 05/08 will excavate starting tomorrow.

07-28-2005 (Thursday)

After yesterday's plan prints, I think I have some time this morning with excavators in auto-mode to write some notes.

Excavations in Op 05/06 and 05/07 have terminated.

Both teams of excavators are now collaborating on

→ Op 05/08 - a trench along the central axis of M.01.

→ Op 06/09 E.U. C Lot 7 and 8 - will continue down to Lot 400? floor.

→ Op 06/10 E.U. A Lot 2 - should reach the bottom of unit where the drain capstones are.

→ Op 05/05 E.U. D Lot 7 - Continuing down to next possible feature.

Op 06/10 E.U. A Lot 3/4

The workers found a relatively fine layer of plaster - they have called it a floor though I cannot consider it as such for the moment. However, some artifactual material has derived from this layer - making me hesitate about dismissing their claims. I will call it Lot 3 - some type of "surface" and continue onward. I am not sure what it could mean...

Besides this feature this unit has been remarkably consistent. There is loose dry fill that has partially

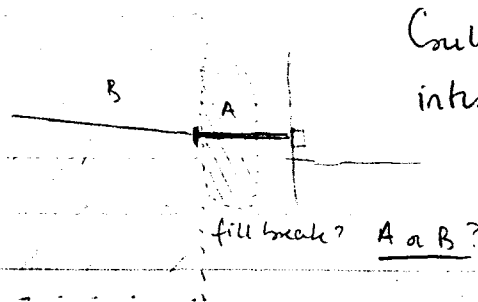
collapsed into the unit - making progress difficult.
One feature I have noticed however is that the EASTERN profile of the unit is ENTIRELY different from that of the rest of the unit.

A drawing will likely serve as an only proof, but I feel as if we have hit some ~~shift~~ shift in the fill of this portion of site.



I am inclined as to why there was a shift here. However, the fact that the drain has some sort of blockage or direction shift here are we suspicious that we are following out an extension of the drain.

from the original opening. Either that or this fill change relates to something introduced in this area LATER - after the drain was placed.



Could this nicer fill be a later intrusion that was better filled - or was there some extension of the platform S of M. 01 to the W that necessitated

the prolongation of the drain and the filling in of a much larger area?

If the latter is the case why is there no facade ~~shown~~

Op. 26/10

W of Drain 01

	SF	HE	SW	HW
1 A	1000 25	1000 25	1000 25	1000 25
2 A			1000 25	
3 A	1000 25	1000 25	1000 25	
4 A			1000 25	
5 B			1000 25	1000 25
6 B	1000 25	1000 25	1000 25	1000 25
7 B	1000 25		1000 25	1000 25
8 B	1000 25	1000 25	1000 25	1000 25

E.U. A - NE

1010.68 m

E.u. B - NW

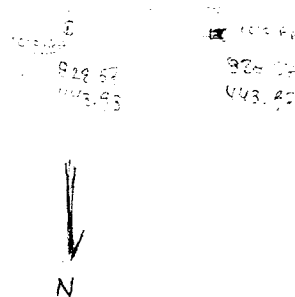
E.U. A - NW

1010.66 m

2 Associated points

Page 1

<i>Date</i>	<i>Feature</i>	<i>Class</i>	<i>Sub-class</i>	<i>Description</i>	<i>Northing</i>	<i>Easting</i>	<i>Elevation</i>
2005-07-27	Archaeology	Trench corner		06/10	828.57	443.97	1,010.66
2005-07-27	Archaeology	Trench corner		06/10	828.57	444.93	1,010.68

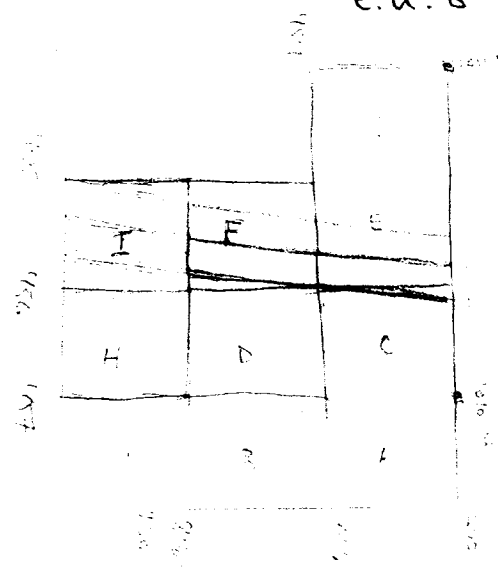


Signaling the end of a machine and the abutment of fill to it? Was the facade entirely robbed out? What period would this construction be completed in? After M. 01 - last? Given that NUBE/CARO were built up or after M. 01 - last this "extension of drain" scenario would have to be AFTER M. 01. What would the prev. stage look like?

An intrusion could occur any time after M. 01 - final's construction.

Final option - an unexplainable change in fill strategies. All a single construction episode but with perhaps an acceleration of construction w/ the adoption of deeper methods...

Op 05/08 E.U. A Lot 1/2/3
E.U. B Lot 4/5/6



Excavation has begun on Op 05/08 to determine if the central axis of M. 01 has some special features associated w/ it.

We will begin, as all Op 05 subops on the staircase have, with units on the YDE floor to access the stairs from below.

I have 2 crews working simultaneously so I have decided to give each one E.U. (A and B). Given that the stratigraphy here is known: lunus/tunus, Canals/Clayey sediment, and YDE floor/artifact deposits. I have assigned each E.U. w/ 3 Lts. If some un-

expected change occurs, I will alter accordingly.

Excavation will likely extend farther E than E.U. 5 A/B in order to ensure that no features were located along the center axis of the building in Pa 01.

Op 05/05 E.U. D Lot 7

Excavation continues downward, without a sign of any feature. Given the difficulty of movement within a restricted space, I am having Dina excavate E.U. E Lot 8 down to the same current level as Lot 7. Both Lots 7 and 8 will be continued contemporaneously once they are flush.

The fill thus far revealed ~~in~~ in Lot 7 is composed of large fill rocks ~~fill~~ - they are not the small pebble type of Op 06/05 Mmmer, none of the matrix-less pebble fill has been encountered here.

Op 06/09 E.U. C Lot 8
E.U. D Lot 9

Excavation of E.U. C is now complete w/ the exposure of the lithic floor. As expected, a great deal of material from Lot 8 was recovered. This will be added to the Lot 5 material as the latest occupation phase from EP.

E.U.D Lot 9-11 will be a unit to the W of E.U.A along the S face of Sh. 05/04. I am expending in this direction to open up the whole Sh. 04/05-09 corner. It is likely that I will have to open up another unit to the South of E.U.D (E) in order to ~~get~~ give my excavations more space... This will likely occur tomorrow. The stratigraphy is the same all throughout.

2/10 Lot 4 E.U.A.

Excavations have uncovered the drain capstones! Our measurements were dead on. Now we will see if we can determine where along the drain we are located. Given the loose soil on 3 sides of the Op 06/10 E.U.A unit, we will be quite careful in how we probe this drain.

Photos of the capstones have been taken. These capstones are somewhat looser and roughly placed than I expected. That is, there is less care to seal the drain than I anticipated.

We had Santiago descend into Op 06/10 and remove as many "clinking" stones along the drain exposure as possible. He then placed a flashlight into the opening facing W. I then went to the drain mouth in Op 06/08 to determine in which direction the drain progressed. It appears now that the drain DOES make a slight direction shift but only

Slightly - in other words, it does NOT turn E of or W. In fact, the stone that was blocking our view from the drain mouth was precisely the one we exposed in Op 0616 (our distance measurement was correct).

It appears now that this Capstone signals a step-drop in the drain as it progresses W



The fact that there is a drain "drop" and a slight drain re-direction ~~speaks to some extension~~ at precisely the same area where the fill changes from E-to-W speaks to some extension of the platform to the W rather than to an intrusion into the loose fill. Only excavation to the E of E.U. 4 (B?) will help determine this question. However, we are still left with the question of an absent jacale from which to extend! Was it entirely robbed out?

We will need some light, however, to make sure that our interpretations are correct. Perhaps some flashlights will work...

A few ceramics were found at this "drain" level so they were assigned their own lot.

The drain stones are _____ cm bgs; or _____ cm below UNTRD!

As a final note, Op 05/08 is finding a great deal of toba stone. A concentration that exceeds Op 05/07 E.U.B. I have decided to keep a rough tally of toba stones to see if a concentration model would help explain their final deposition.

I have noticed that these toba stones seem much more concentrated - and fallen in articulation w/ other toba stones - peculiar if they fell from low above...

Tomorrow we will expose more - E.U. C/D to see.

07-29-2005 (Friday)

Had a busy morning away from EP today: first Ellen and Cassie went to SPS after our fridge died yesterday to get a new one, second I went to visit Mary's excavations, and third I attended the EDUCATOPUS mtg at BAR TÍPICOS. I did not get back to EP until ca. 10:30am whereupon I was confronted w/ the exciting news of the discovery of sculpted tobe stones from Op 05/08 E.U.C

Upon returning to the site this was the state of the multiple excavations:

Op 05/05 E.U.E lot 8

This lot has almost brought the E.U.s of D and E flush with each other. There remains no evidence of any former construction at the moment. Both these units will be brought down further. Dimer claims that he might be reaching some surface at the base of E.U.D. What I see at the moment is a change of rock - I see several cantilevered flat-stones rather than loosely/randomly thrown cobbles. Perhaps we are reaching some elevation/landing/surface/floor.

Op 06/10 E.U. B lot 5

Beginning a new E.U. to the E of E.U.A to further reveal the change in fill between E.U.A's E

profile and what continues onward W in the next of [redacted] E.U. A.
I expect that there will be little difference in the first
lot of E.U. B (Lot 5) - that is, above LUNARDI floor. Once
below LUNARDI floor, the different fill should be clear...

Op 06/09 10, 11 E.U. D

Excavation is continuing down along the S face of
Mn 01/08. This unit should reach the floor LOTHROP today.
As in other E.U.s, the stratigraphy is the same -
lunettes, orange clay, canche sediment. E.U. D Lot 11 will
be the lot with the most artifacts.

Op 05/08 E.U. C/D 7, 8, 9 / 10, 11, 12 ; E.U. D/E 13, 14

I have both crews working in Op 05/08 removing the
overhanger from the stairs along the E face of Mn. 01.

As in E.U.s A/B, a great deal of tobs is being encountered.
There is a concentration that remains somewhat suspect
since the tumble off the superstructure should be more
evenly spaced around the base of the structure.
However, as supposed earlier, the concentration of tobs
stones was thought to decrease going South, rather
now it has increased from Op 05/06 E.U. B's levels...

Upon further investigation, it is now clear that these
tobs stones have tumbled in an articulated fashion...
This fact can only mean one thing - They did NOT
fall from top up - but rather they were part
of a construction closer to the base of the stairs.

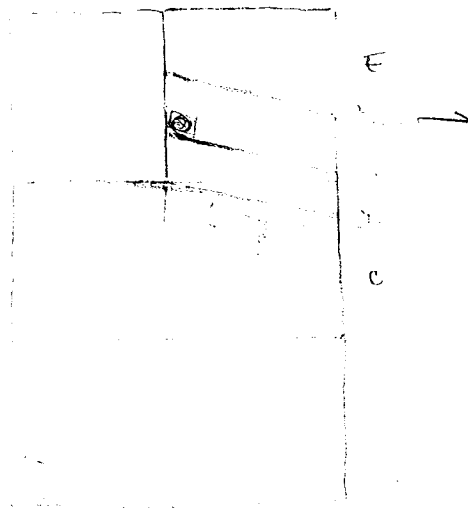
What could this mean? What type of tbe architecture could be found along the base of the stairs?

In E.U.E, lying on the stairs a ~~By the stairs~~ sculptural piece has been found! It is a snake tooth that appears to have the tbe broken. This is one of the first real "in excavation" sculpture pieces found in front of Sh. 01. The ~~stairs~~ stones

in E.U.C look fallen from a nearby height -

E.U.E lot 14

I cannot tell whether they are facade stones. However we have taken the precaution of not removing any series of tbe stones that appears articulated in order to allow for a controlled removal and re-arrangement.



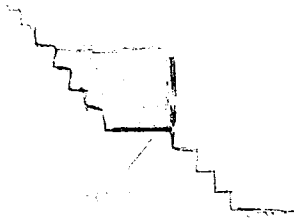
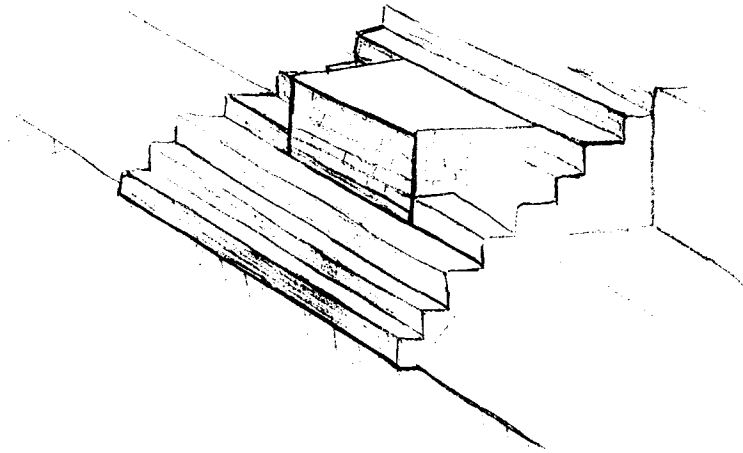
I have now 5 guys working on this op/sop.

2 are working on E.U.C
2 are working on E.U.D
1 is working on E.U.E

I believe that I have an explanation for the concentration of tbe, its articulation, and its distribution along the base

of Sh. 01's stairs: the E face stairs had at least one STAIR BLOCK made of tbe. Like many structures in COPAN, Sh. 01 must have had a tbe stair block that likely sported some sculpted stones as well.

Star Block:



A major question is where was it located along the E stairs? At what height? Given the destruction of the Hactm, it is likely that this question might never be completely resolved. However, a ~~so~~ possible piece of evidence might lie in the curious pattern noted of Step 4 in Op 05/06 E.u. B - the existence of a large step block at the end of the stairs measuring ca. 1.45 m across. Adding it to the 5 were ^{2 courses of} smaller stones (see page). It appears now that the 4th step in Op 05/08 E.u. E is composed of those same 2 courses of small flat stones. What would compel this type of construction?



Perhaps it is the "preparation" / bed for the laying of larger stones that will be the basal

course of a STAIR BLOCK. Hence the theory that it was built on the 4th stair and up.

Given the lateral stones at 1.45m each and the total width of the stairs being 9.6, it means the stair block was ca. 6.7m across. This seems quite wide since most such elements in Copan are 4m wide at most. Perhaps here in EP, this stair block was almost like a platform along the stairs; its importance would be further enhanced by its construction in stone and not local stone.

Given the light fallen pattern that seems to indicate

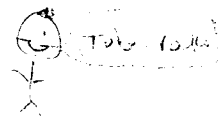
articulation of a fallen building, we will continue to expose the base and leave it in situ until it can be all photographed and labelled. The stones will be removed once they are labelled to see if they indeed preserve some pattern.

Op 06/10 E.U. B Lot 6 Lunardi floor has been reached and reached. Excavation will now continue downward in what promises to be a distinct fill body than what E.U. A encountered. Perhaps w/ the removal of all these fill layers, a better sense for the dean's construction will be made manifest.

Op 05/05 E.U. D Lot 7 Both units are now being
E.U. E Lot 8 excavated to what Dima believes
is some type of surface/floor. This would be the first glimmer of hope for finding any earlier phases w/in this unit. This floor is vaguely 2.75 m below surface - or, ca. 1013.50 m (1016.25 - 2.75) I will have to check with Op 05/04 if this elevation figures prominently at any level there - perhaps the floor/terrace surface revealed in Op 05/04 E.U. P. is just checked... there is little in Op 05/04 that corresponds w/ 1013.5 m.

If Dima proves right, I will have this floor exposed in E.U. A (Lot 9).

07.30-2005 (Saturday)



Beginning today - quite tired. But we are trying to get Op 05/08 cleaned up so that Monday we will be able to resume all the Monis and check for sculpture.

In other excavations, we will be continuing in Op 06/08, 06/09, and 05/05. The updated one as follows:

Op 05/05 E.U. A lot 9

Dimitris has exposed a floor in E.U.s DE that is made of large flat cobble stones. It is unclear exactly what this floor functions as - it might be a terrace landing - however its elevation at ca. 1003.5m. If E.U. A shows evidence of this floor then we might have an actual architectural feature of a prev. version of M. 01.

Excavation will clear out this whole area and then a decision about the future of this unit will continue.

Op 06/10 E.U. B lot 718

Excavation will continue down below LUNARO1 floor in what appears to be a different fill body than what was sub-LUNARO1 in E.U. A. From the analysis of E.U. A's E profile, there should be several cobble layers that might appear as several floors, but are likely fill layers only.

Lunardi flm was exposed yesterday and it was not entirely clear whether it was complete / continuous across the whole unit. I feel that there ~~is~~ is likely a natural explanation for the inconsistency of this flm rather than an architectural one...

Op 06/09 / 12, 13, 14 E.U. E

Excavation to the S of E.U. D to give some more room along the S Str. 04/05 wall. This unit will follow the same stratigraphy as other units in this SOP - lunardi, orange clayey deposit, light brown sediment.

Excavation today is going as planned. We will not remove any take stones for Op 05/08 today (unless they are loose) because I want to get a full pattern picture first.

Op 06/10 E.U. B Lt 8

So far 2 cobble surfaces have been revealed in Op 06/10. I am not sure if they are surface proper, or if they are just fill layers topped by evenly spaced cobbles. Actually the fill here reminds me of the Str. 01 fill. Could this part have been built with the final stage of Str. 01. As far as the equivalent fill to the West in E.U. A, there is little more that can be said. It is definitely different but its function / construction remains an unknown. Both these surfaces (#1 and #2)

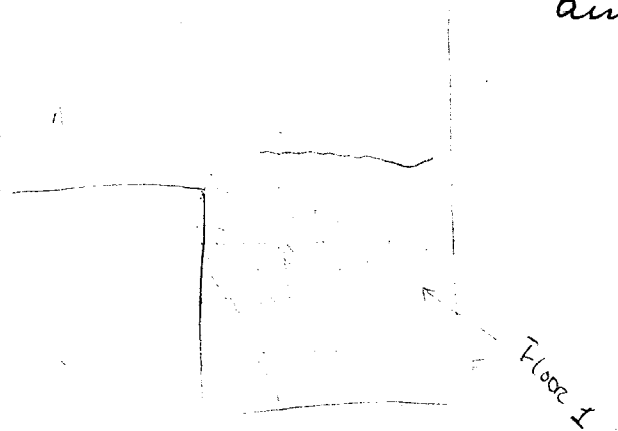
are roughly 20-35 cm ~~by~~ below LUNARDI floor.

Below the lower surface (#2), now we are seeing an orange-brown clay that contains several broken cobbles and large rocks. It is quite firm on strike.

Op 05/05 E.U. A Lot 9

Excavation is now reaching the same surface partially exposed in E.U. D/E. This surface (#1) is made up of large cobbles that are placed relatively close to one another. Could this be another floor layer?

This is an unexpected surface since we do not have any feature at this depth here... on the northern side of the structure...



Op 06/09 E.U. E Lot 14

We are now reaching the floor level - CoTHEOP - of the Pa03 area. Like all other floor levels, this one is full of ceramics and carbon which were one

happily collecting. There are not that many Aztecian pieces here which have been collected from here - I find that lack of material curious. From all reports (Cassandra's initial analysis) the material from the floor is peculiar and different. However, there is no Copan in it - is this a ~~some~~ function of chronology or affiliation?

There are apparently many pieces of a scored Censer lid that ~~some~~ gives us the impression that there was some connection to W. Hond. here. These types of Censers are NOT found in Copan in the Classic period.

By 5:30 we are excavating E.U. A, B, C, D, E - finishing them up for a good photo and to be removed on Monday.

Excavation in E.U. B has recovered another sculpted piece that feels like another "tooth" although quite different from the serpent censer discovered ~~and~~ yesterday.



It is now clear that each of these 4 units (E is excluded) has the same matigraphy - lunus/tumble, tobe/Canche level, and a flor/YDE/Canche/tobe level. Each E.U. will be assigned these 3 lots for the ~~relevant~~ relevant paperwork.

Considering this stratigraphy, the nature of the ruins court, the blocked nature of the drain, and the annual rainfall pattern, it seems clear to me that all the toba we find in front of M. 01 is:

- 1) destroyed by the tractor and turned into small frags.
- 2) fallen from the stair block and removed by townsfolk for their constructions
- 3) fallen from the stair block and buried by centuries of sedimentation after it spent months ~~on~~ at a time under water.

Our hope to find well-preserved sculptural or epigraphic pieces is quite limited. Either destroyed by a tractor, rolled by the local inhabitants, or eroded by water flow. We might get a few pieces in this articulated bunch of toba we are currently excavating.

Workers are now cleaning up the unit for photos and readying for lifting on Monday.

08-01-2005 (Monday)

Happy August! Work proceeds today under a bit of misty rain. Today I went only to workers as we let go several last week.

This morning I have:

Op 05/05 EU D Lot 10 beginning of going down below a surface found on Saturday and exposed in E.U.s A, D, E (Lots 7, 8, 9).

Op 06/09 EU F Lot 15: Beginning of another ~~at~~ unit to the S of E.U.C - following the Str. of W face South

Op 06/10 E.U. B Lot 8 Continuing excavation below a second cobbler flooring found below LUNARDI. This lot should reveal the large spanner stones overlying the drain. There are 4 spanner stone sheets in this part of the drain length.

Op 05/08 Overall cleaning of all the E.U.s to ready it for a picture. This photo will be printed and marked to be used as a guide when removing floor stones fallen in articulated fashion.

Op. 05/05 E.U. D Lot 10

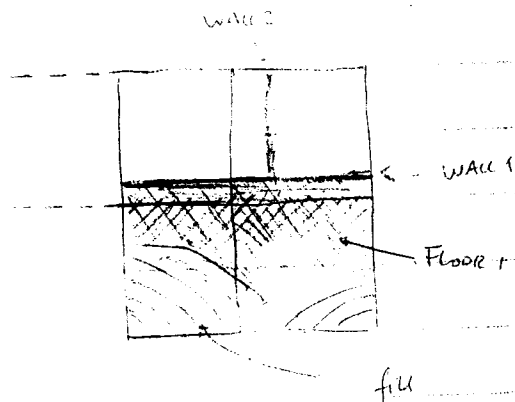
Excavation has proceeded down in what looks like some type of fill-wall chamber. It would appear as if much of the floor to the N of the unit (ie in E.U.s A/D was somewhat looser - perhaps it was not even a floor but rather a series of well laid flat stones. However, the portion of Floor 1 exposed in E.U.s C/E seems more solid and compact.

In fact, exposure of Lot 10 in E.U. D has shown that along the axis (between the A/C and D/E E.U. Units) of the compact/loose - non-existent floor a wall seems

E.U.s C/E E.U.A E.U.D

to have been built. This is a very rustic informal wall with little stone facing. I am not entirely convinced it is a "real" wall - rather it feels like a fill wall; however, for the purposes of recording it will be called Wall 1.

However, there appears to be a 2ND wall to the west - much lower (as seen) that provides the W limit of Lot 10. We are therefore excavating within a "chamber" of Sh. 01's latest phase fill. This unit is exposing fill walls



I believe, moreover that this unit is exposing fill walls and not an actual primary context.

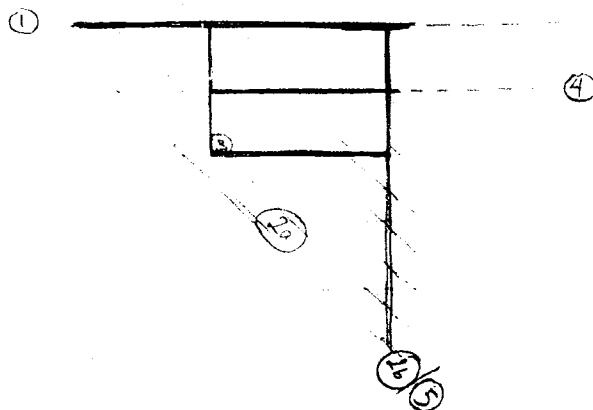
Op 05/05 Lot 10 E.U. D

Continuation today of excavation within the "chamber" of pit in E.U. D. We are reaching ca. 3.5m bgs - the unit is deep and the excavation is becoming difficult for Dumas.

Cassandra has informed me that a partial whole vessel was collected in the excavation of Lots 4/9 - E.U. C/A. This news is quite exciting since it likely proves the "validity" of the Floor 1 level. Both Lots 4 (E.U. C) and 9 (E.U. A) ~~terminated~~ terminated on Floor 1 of the respective E.U. Considering that almost No Ceramics have been recovered from here, the collection at ca. 2.5m bgs of multiple ceramic pieces that form a single vessel suggests some deliberate activity relating to that floor.

Was Floor 1 the surface of an earlier bldg / platform? Its elevation - ca. 1013.75m does not correspond w/ any already known surface elevation from previous (earlier versions of the) Lie Palais (Crema / Blanco) - it would likely require excavation between Op 05/04 and 05/05 to determine this...

Cp 06/09 E.U.F. Lts 15, 16, 17 - Cleary's Lthrup fl. Analysis
 of the stratigraphy / architectural sequence associated w/
 Op 06/09. It appears that:



- 1) S face of Mn. 04/05 was first; built w/ YDE (650?)
- 2) Lthrup flm was laid to the S of Mn. 04/05
- W face of Sh. 09 was built - 5 courses of stone
- Step 1 was abutted to S face of Sh. 04/05 / W face of Sh. 09
- 3) Step 2 was added to S face of Mn. 04/05; over W face of Mn. 09
- 4) W face of Mn. 09 was raised, abutting both Step 2 and S face of Mn. 04/05.

What this means is that Sh. 04/05 was built before Lthrup. Sh. 04/05 was built with YDE. YDE was built w/ Sh. 01 - ca. 650.

- 1) Str. 01 - penultimate termination → AD 650
- 2) Sh 01 - last / YDE / Sh. 05
- 3) Lotusp / Step 01 / Str of early
- 4) Step 02
- 5) Sh of late

pre-lotusp floor → # 2; or post-650

lotusp is NOT necessarily associated w/ YDE construction.

Op 05/08 E.U.s A-D, E/F

Cleaning and clearing were completed by lunch. A photograph was taken of each E.U. from which to be removed.

After lunch the marking and removal of tobe stones was undertaken. Each photograph was marked while the relevant tobe stones were also marked accordingly.

There were several tobe stones that had some vague/abstract sculpted elements, however only one - C2 - had some potentially glyptic elements; however, it is extremely eroded.

The great majority were temple facade stones. It is beginning to seem that the tobe stair block/terrace has probably lightly decorated with sculpture. There seems to be far more plain facade stones than what a heavily sculpted stair block would have. Moreover, the

Stair block is most likely over 6m in length - making it more like a "stair platform" which might have been composed mostly of the facade stones.

We have decided that only the sculpted stones will be stored in our lab. All facade stones will be reburied (likely in Op 05/03). Even all previously excavated facade stones now housed in our storage facilities. There is little need for this stone, little ~~analytical~~ analytical value, and our lab space is limited. All facade, sculpture, and fragmented pieces will be counted before reburial.

Excavation will likely continue S in E.U.s 4 and I (as well as E.U. F). There is some indication that this stair & platform/block collapsed Southward and Eastward...

Op 05/03

Sh. 01 E for S. 5000
Central axis

		SE	NE	SW	NW
Lt	1 A	1009.79	1009.80	1009.83	1009.91
	2 A	1009.62	1009.60	1009.65	1009.70
	3 A	1009.22	1009.20	1009.25	1009.21
	4 B	1009.81	1009.79	1009.84	1009.83
	5 B	1009.64	1009.62	1009.60	1009.65
	6 B	1009.24	1009.22	1009.2	1009.25
	7 C	1009.89	1009.87	1009.94	1009.98
	8 C	1009.65	1009.62	1009.61	1009.71
	9 C	1009.25	1009.20	1009.1	1009.55 (Step 1)
	10 D	1009.37	1009.39	1009.92	1009.94
	11 D	1009.60	1009.65	1009.61	1009.61
	12 D	1009.20	1009.25	1009.2	1009.21
	13 E	1009.95	1009.98	1009.93	1010.16
	14 E	1009.56 (Step 1)	1009.55 (Step 1)	1010.02 (Step 3)	1010.16 (Step 4)
	15 F	1009.21	1009.56 (Step 1)	1010.15 (Step 4)	1010.06 (Step 4 gap)
	16 G		1010.14		1010.35
	17 H		1009.60		1009.61
	18 H	1009.24	1009.30	1009.26	1009.21
	19 I	1009.26	1009.21	1009.82 (Step 3)	1010.15 (Step 4)
	20 G	-	1008.55	-	-

1010.50

5 Associated points

Page 1

<i>Date</i>	<i>Feature</i>	<i>Class</i>	<i>Sub-class</i>	<i>Description</i>	<i>Northing</i>	<i>Easting</i>	<i>Elevation</i>
2005-06-08	Archaeology	Trench corner		05/08	846.00	455.00	1,011.36
2005-06-08	Archaeology	Trench corner		05/08	846.00	454.00	1,011.47
2005-07-27	Archaeology	Trench corner		05/08	846.00	457.03	1,010.04
2005-07-27	Archaeology	Trench corner		05/08	847.00	457.01	1,010.19
2005-07-27	Archaeology	Trench corner		05/08	847.02	454.00	1,011.52

2005/02-133



141-20-5002



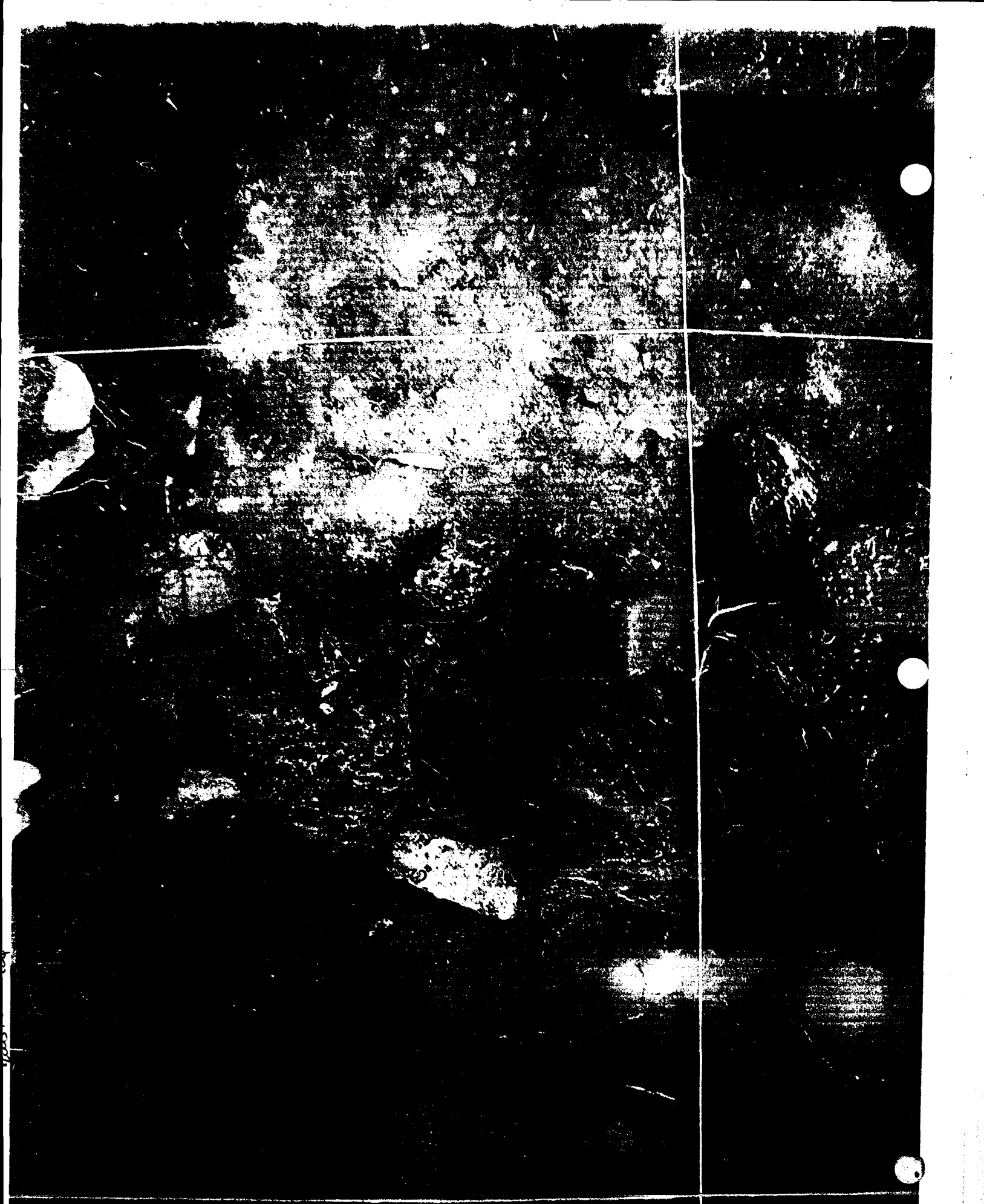
Op 05/03 EU A

Q 05/08 Eu B



2005.02-138

Op 05/08 E.U.C



02-20-9006



02-20-9006

08-02-2005 (Tuesday)

Beginning today in a muggy cloudy morning. The excavation of all the table in front of Sn. 01 starts with the recovery of a few sculpted stones. Yann is here at EP helping Santiago down Ops 05/06 and 07. I have to fax a permission letter to IHAH.

State of excavations:

Op 06/10 E.u. B Lt 8 - we are reaching the drain level. We have been going through a great deal of "good fill" - well laid stable clayey matrix fill that is completely distinct from what we encountered in E.u. A. Upon revealing the drain capstones we will terminate this excavation.

Op 06/09 E.u. G 13/19

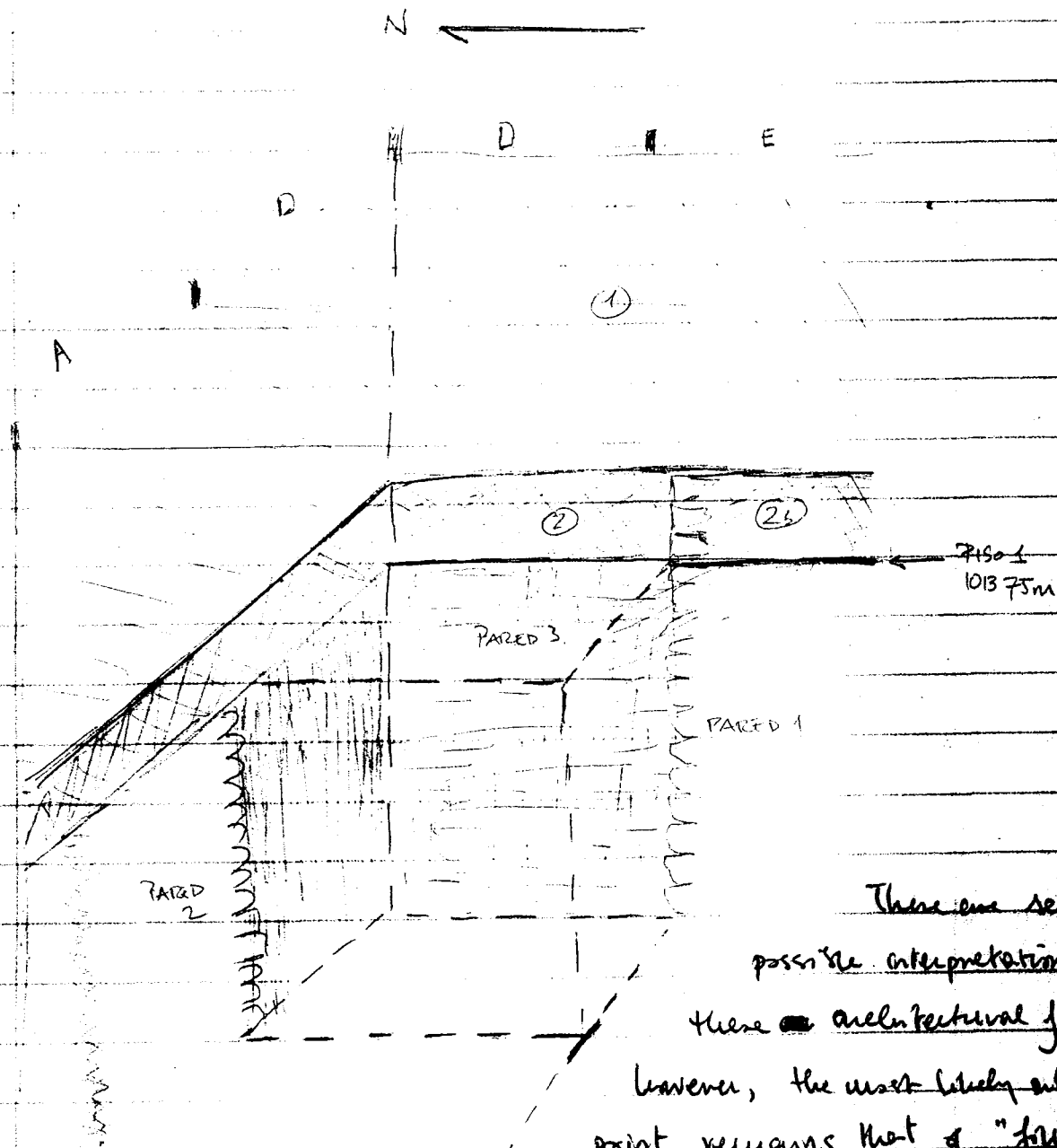
We have finished almost a 5th unit along the SW side of Sn. 09. This completion will allow us to probe below Lot 4207 floor to gather as much pre-event construction material as possible. Moreover, this will tell us the relationship between Sn. 04-05/09 and Lot 4207. Today or tomorrow, this unit should be complete.

→ All floor lots for 06/09 are: 5, 8, 11, 14, 17, 19, 23
Eu. B C O E F G H

Op 05/05 E.u. 2 Lt 10

Construction of this lot descended into what feels like a small (narrow) chamber made up on the W/S/E sides of a rustic (f.u.?) walls. Have not reached bottom of this chamber yet. No artifacts so far. Despite its shape, it seems unlikely that there is much in this space besides fill.

Op 05/05 E.u. A Lot 90 | E.u. D Lot 10



There are several possible interpretations for these architectural features; however, the most likely at this point remains that of "fill walls" that were built during the last expansion of Sn. 01 after Blanco's cancellation. More excavation to the N

could help resolve this question since it would remove more of the fill placed between walls 2 and 3. Is it a chamber?

Op 05/03 E.U. G Lt 16

Will commence an excavation to the ^W of the unit to expose more of the central axis of Sh. 01 along Paol's floor. Perhaps this central axis will prove important for the construction of this building.

Excavation of Op 06/03/16 E.U. ~~16~~ E

Excavation below LOTROP floor in E.U. E's ~~16~~ S half. This excavation is meant to recover materials below Lotrop that are equivalent to Op 04/10/05 for 2003 - that is, material ~~16~~ W some Copacore Ceramics that should date to mid 7th C AD.

Of course such an excavation requires that the Lotrop floor be cut - which is too bad since it is such a nice floor!

I also took a sample of the red staining found on Lotrop floor for a sample. I would like to know if the red staining has any significance. Perhaps we will be able to determine if the red is partly cinnabar.

Excavation of this sub-floor context is producing - immediately - many ceramics and some carbon. A burnt center-lid has been recovered that immediately suggests some Cereusial trash. Moreover the sub-floor soil is quite dark and

agonically rich. This area should prove quite propitious for hidden material.

Op 05/08 E.U. G Lt 16
E.U.s H/I

Much of the morning was spent organizing and counting the table stones for Op. 05/06-07-08. It was decided that all fragments were to be counted and then collected into one pile. All the facade and sculpted stones were to be kept apart w/ their respective E.U.s. The facade stones will be measured and then relined while the sculpted material will be housed in our lab.

I am keeping a tally of each stone type so that distributions can be measured and represented graphically.

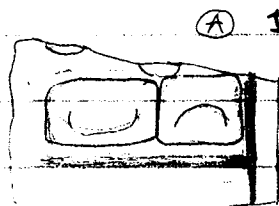
After yesterday's removal of table stones, there are many ~~to~~ lying about, and I want to make sure that their context is not lost.

Workers have completed the E.U. G down to the top of Step 4. That unit is composed predictably of only rubble derived from the Hachin destruction. This E.U. will be composed of only one lot from surface to the top of Step 4 where Str. of Jik seems to have survived. I will have the workers continue to the S in E.U.s ~~to~~ F, I, H in order to clear

at much of the units that have been "partially" excavated - that is, from which collapse has fallen into the already excavated units (D and E).

As Aurelio and I were organizing the tree stands around the Op 0508 unit, Felisberto announced that he had discovered a few stones with "dibujitos" on their surface. Upon removal from what was the E.U. D/H limit, I was delighted to find what looked like the lower elements of a full glyph. Another piece was also found with what also looks like a glyphic element, a corner piece with some small elements.

Both these elements were encountered in E.U. I - the



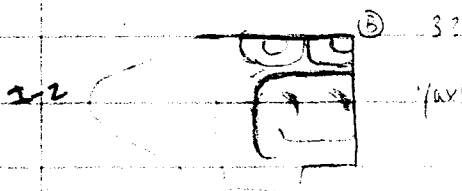
(A) I-3

? - WR ?

within limit there -

g as it borders w/

E.U. D.



(B) 32

"partially" DATE ?

(I-3 given later)

What is fascinating about the (A) fragment is that it contains 2 elements typical in the glyphic name of the unknown site ~~to be~~ called "Xkuy".

Is this a mere meagre chance discovery proof

that we have ~~uncovered~~ discovered Xkuy?

Is El Paraiso "Xkuy"? The other partial glyph (B)

(called I-4 later)



feels like a date - perhaps with a 3 in front of it...
I do not know if there are any important dates
in and around 3 - ? / ? . ? that this text
might correspond with... I will have to check.

Felids and like one clumping through E.L.S.H.I
from the side (i.e. NORTH). I will now switch them to
excavate top-down in order to keep all the bone pieces in
their location in order to remove them once photographed/registered.
I do not believe that there are any articulated staves,
however, it might prove interesting to keep their relative
positions. ~~the~~

T₀BA

Sculpture

Facade

Fragment

Op 05/06

A	1	3	0
B	4	10	158
C	0	1	22
D	0	0	40
E	1	7	23
F	0	4	35
G	0	2	40

Op 05/07

A	0	2	64
B	0	0	0
C	0	1	57
D	0	3	72
E	0	2	12

Op 05/08

A	0	2	35
B	0	3	13
C	2	24+3	115
D	2	27	103
E	1	5	51
F	0	2	16
G	0	0	46
H	2	11	74
I	4+1	7	0

Op 0609 E.M. E Lot 20

Excavation here has revealed what seems like a large and complete (though broken) jar - a large ca. 50 cm diameter (at the shoulder) red water-jug. It appears to have vertical strap handles and some decoration along shoulder and neck.

Pictures of this jar were immediately taken. The small 0.5m x 1m pit in E.M. E will have to be expanded because only half of the vessel is currently visible. This unit of excavation - E - will have to be expanded south - E.M. H - by 1m in order to cut more of the lotus floor and expose the entire vessel.

Much of the rest of the day will be focused on clearing away enough space to expose this vessel entirely. It is now ca. lunch time. After lunch I will place 3 workers here supervised by YANN to clean down to LOTUS floor E.M. H. It will be done in 3 lots: 21, 22, 23. It is hoped that we can clear enough today to expose the rest of the vessel tomorrow.

—
This is getting to be a busy day. . . . !

After lunch, Op 05/08 was focused on excavating E.U. 4(I).

Op 06/09 was focused on revealing LOTROP in E.U. H.

Although the excavation of E.U. H Op 06/09 was somewhat rushed, we were able to expose the entire unit down to the floor. However we found ~~several~~ several tumble stones on the LOTROP floor. They will be left to be removed tomorrow (08-03-2005) in the morning.

Photos were taken by Yann of the floor w/ tumble.

I believe the material w/ and below this tumble should be considered another lot. A further inspection shows that the E.U.s of E and D did not have that many tumble stones. Perhaps these fell away from Str. 04/05 because they belonged to the superstructure of 05/04.

Coincidentally, several faecal tube stones were recovered among the many flat-stones typical of these structures. Perhaps the superstructure of 05/04 had some stone peccaries and sculpture?

The distance from Str. 04/05 - ca. 1.5 - 2 m - suggests that they were rather high up the superstructure. However the fall pattern seems to suggest they fell from the NORTH and not the east.

Tomorrow we remove the tumble, cut the floor and expose the vestibule.

2005-03-03 (Wednesday)

Beginning today at Yarn and Ellen at EP - they will be mostly involved w/ the removal of the vessel deposited below LOTROP floor.

This morning we are dealing with the after-effects of a major rain last night. So many of the units are somewhat adversely affected by this rain. We are having workers clean and dry all the units.

We also have Cordoned off much of Op 06/09 in order to keep the masses at bay around the unit. We are having marginal success - especially with our favorite site resident - Jacobo - who literally refused to leave the confines of the unit. Mann was able to escort him away - thankfully!

Excavations:

Op 05/05 E.U. A Lot 11

We will be working about E.U. A today to see if we can expose any more of the "well" features below the surface 1 level. I believe that this will be the last day of excavation in this Sop.

Exposure of this area with E.U. A is revealing ~~large~~ dry fill composed of large cobble stones. It is a very loose matrix that is quite reminiscent of the Sh.01 - last fill ~~excavation~~ practices.

Op 05/08 E.U. F Lot 15
H Lts 17, 18
I Lot 19

Excavation has now continued S to expose a few more sq. meters of the Str 01-Lost Stairs. After the discoveries of yesterday, it became clear that there might be some glyptic elements further S. Moreover, given that Op 05/01 from last year found NO STEP 04, it might mean that the STAIR BLOCK / Step 4 collapsed on the Southern side more than on the N where Step 4 is still "intact". It is also possible that the block damaged more to the South than north...

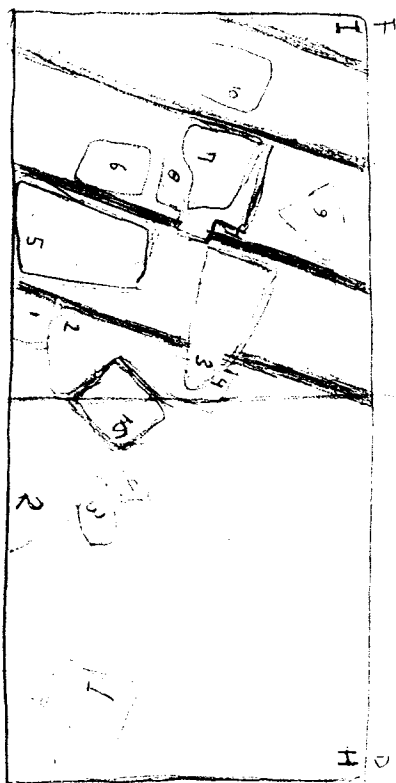
At any rate E.U.s F/I are going to expose 2m of Steps 1-3 while E.U. H will expose the YDE from to the South of E.U. D. Toba stones will not be removed until they are photographed / sketched to be labelled.

Op 06/09 Sub-floor cache

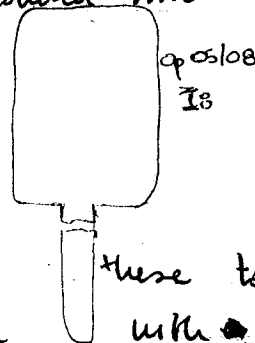
Mann and Ellen will be taking over the work for the excavation of this object/context. Once it is removed entirely (tomorrow?) I will continue excavations below looking until we reach sterile.

Excavations in Op 05/08 have successfully completed the discovery of the 3 steps and several tobe stones. I took a picture to then photograph. However, the power was out in the afternoon, so I drew a sketch of their relative positions for the purpose of extracting them.

The extraction of this second set of tobe stones from Op 05/08 proved no more successful than the E.U. A-D tobe pulling. Using the same recording mechanism, all the potentially articulated stones were drawn and marked accordingly.



Apart from the 2 glyphic pieces already discovered, the sculpture pieces for H/I were right lines (frames?) of some central image. We also recovered some type of "hammer" stone that has a plain head and a broken base / handle.



Otherwise, the majority of these tobe stones were plain in nature with recognizable color and dressed faces.

It is a shame to not have the opportunity to even see the missing pieces!

03-04-2005 (Thursday)

My father's birthday! Working today to get all units finished.

Op 05/05 is done

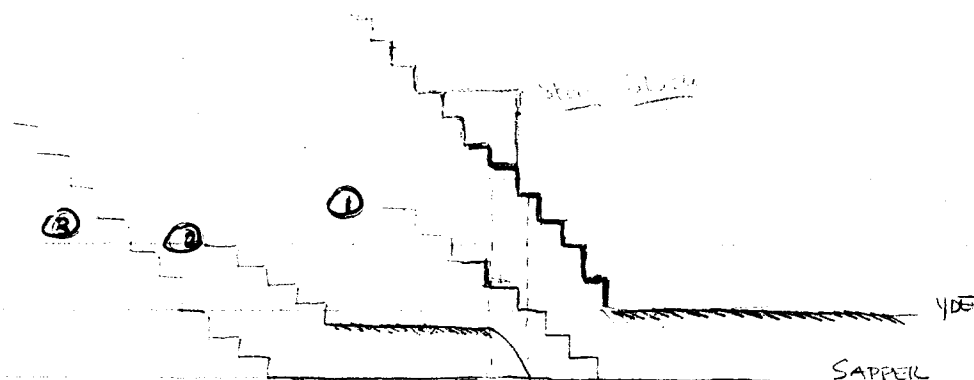
Op 06/10 is done

Only op 06/09 and 05/08 are currently lasting excavation.

Op 05/08 - Felix and Kiki are clearing out E.U.s ITH that were excavated yesterday.

Dimas and Aurelio are also excavating below the level of the 4th step in E.U. G. This excavation is an attempt to get to the surface of previous Str. 01 versions.

E.U. G lot 20 Gang below step 4's level is this excavation unit in order to expose Str. 01 fill and perhaps reveal the floor on which BLANCO structure might be built. Previous excavations were able to expose BLANCO's superstructure and upper steps, but not where it terminates or on what floor it terminates. Perhaps it will not be any floor except SAPPAR which would be too low for us to reach. Could there be some other landing / terrace?



3 possible scenarios for what lies underneath Step 04.
I would like to have some evidence for the articulation of
BLANCO and PAOI - for now we have nothing other than
the SAPPER floor.

Excavation in Op 06/09 continues. Yann + Ellen are
uncovering only some stones and perhaps bird bones
that might indicate that it was used for a food offering.

~~Upon completion of the excavation, the area will be backfilled with soil.~~

Ellen + Yann completed the excavation in the afternoon.
They allowed the workers to continue in Lot ~~36~~³⁷ E.U. E/H
which will try to bring the sub-Lot 06/09 floor unit
down to the level of the base of the Vessel. There
is some water seeping ~~out~~ up from the bottom
so we must be careful w/ this unit. It is likely that
upon reaching the bottom of the Vessel's level this E.U. will be
done.

06/10 This unit was backfilled today. We were able to complete the drawings, photos, and elevations. ~~XXXXXX~~

At the end of today, we should have Ops 05/04, 05/03, 05/06, 05/07, 05/08, 06/09, 06/08, and 05/05 to backfill by next Thursday.

Excavation of Op 05/08 E.U. G Lot 20

Have progressed down ca. 2m and reach at ca. 1008 Sam the SAPPER floor. In other words, Scenario 3 of the sketch for the previous page seems to be the most likely.

This scenario means that Sh. 01 was significantly expanded to the E (and likely, W) in its last phase of construction.

(SAPPER?)

The articulation of BLANCO w/ some patio floor, will help prove the extent to which Sh. 01 last differed from its predecessors. (if at all). Moreover, the central axis will have not be disturbed as Sh. 01 latest was.

As for the areas of E.U.s H/I, the area has been partially cleaned up and ~~reexcavated~~ cleaned.

Op 06/09 E.U. - E.H. Lt 37

Excavation finalized this lot ca. 5cm above the lowest level of the Vessel recovered in Lots 25-36. See EEB's notes from 2005 for info on the vessel.

The sub-floor (Lothrop) theigraphy is quite straightforward as is the above-floor one. There is the floor

sub-flooring pebbles

→ dark humus-like (midden?)

light brown clayey sediment/sterile

I believe that the 3rd level might be a mixture of in-filling preparation for a floor and an infirmed earlier surface filled with occupational material dating to post-650.

Cassandra's review of the sub-floor ceramics has suggested to her that the AD 650 date for the Str 01 - Banco transition is too early for the ceramics BELOW Lothrop. However, as mentioned earlier (pg. 130-1), all theigraphy can tell us is that Lothrop was laid after AD 650, but not precisely how long after. The ceramics suggest around 700 AD or so. Moreover the Copador below Lothrop suggests that El PARANISO was connected w/ Copan from 650 → Lothrop's construction. Given the events that happened after AD 650, it would be very curious to consider the super-Lothrop assemblage as more closely associated w/ Quirigua than w/ Copan. . . . C14 dates might prove useful here.

2005-08-05

Friday

Final note day

Quick summary of today's goals - photos of all Op 05 units and then the removal of all signs of tools and stakes for the backfilling beginning tomorrow.

Ellen is helping coordinate workers and staff.

All excavation has ceased.

Drawing is currently progressing in Op 05/06 and 05/07.

Strachan will climb palm tree for major vertical angle photos. Photos of Op 05/06-07-08 have turned out great.

Excavation is formally concluded for 2005.

Drawing and backfilling are left.

All other recording (w/ a few simple exceptions to be undertaken next week) is now complete.

2.

2007

28 Associated points

Page 1

Date	Feature	Class	Sub-class	Description	Northing	Easting	Elevation
2005-06-09	Archaeology	Trench corner		06/07	807.00	482.00	1,010.53
2005-06-09	Archaeology	Trench corner		06/07	807.00	484.00	1,010.65
2005-06-09	Archaeology	Trench corner		06/07	807.00	485.00	1,010.73
2005-06-09	Archaeology	Trench corner		06/07	807.00	487.00	1,010.84
2005-06-09	Archaeology	Trench corner		06/07	807.00	488.00	1,010.85
2005-07-06	Archaeology	Trench corner		06/07	807.20	488.90	1,010.77
2005-06-09	Archaeology	Trench corner		06/07	808.00	483.00	1,010.66
2005-06-09	Archaeology	Trench corner		06/07	808.00	483.00	1,010.65
2005-06-09	Archaeology	Trench corner		06/07	808.00	484.00	1,010.72
2005-06-09	Archaeology	Trench corner		06/07	808.00	485.00	1,010.80
2005-06-09	Archaeology	Trench corner		06/07	808.00	486.00	1,010.93
2005-06-09	Archaeology	Trench corner		06/07	808.00	487.00	1,010.92
2005-06-09	Archaeology	Trench corner		06/07	808.00	488.00	1,010.94
2005-06-09	Archaeology	Trench corner		06/07	808.00	484.00	1,010.72
2005-07-06	Archaeology	Trench corner		06/07	808.10	489.00	1,010.89
2005-07-06	Archaeology	Trench corner		06/07	808.10	488.00	1,010.94
2005-07-06	Archaeology	Trench corner		06/07	809.10	488.90	1,010.90
2005-07-06	Archaeology	Trench corner		06/07	809.10	487.90	1,010.94
2005-07-06	Archaeology	Trench corner		06/07	810.10	487.90	1,010.88
2005-07-06	Archaeology	Trench corner		06/07	810.10	488.90	1,010.84
2005-07-06	Archaeology	Trench corner		06/07	811.10	488.90	1,010.81
2005-07-06	Archaeology	Trench corner		06/07	811.10	487.80	1,010.82
2005-07-06	Archaeology	Trench corner		06/07	812.10	487.80	1,010.88
2005-07-06	Archaeology	Trench corner		06/07	813.10	487.80	1,010.97
2005-07-06	Archaeology	Trench corner		06/07	813.10	488.80	1,011.02
2005-07-06	Archaeology	Trench corner		06/07	814.00	488.80	1,011.17
2005-07-06	Archaeology	Trench corner		06/07	815.00	487.70	1,011.19
2005-07-06	Archaeology	Trench corner		06/07	815.10	488.60	1,011.25

13 Associated points

Page 1

Date	Feature	Class	Sub-class	Description	Northing	Easting	Elevation
2005-06-09	Archaeology	Trench corner	D	06/07 111	807.97	485.01	1,010.80
2005-06-09	Archaeology	Trench corner	G	06/07 112	808.09	488.02	1,010.94
2005-06-09	Archaeology	Trench corner	G	06/07 301	807.18	488.02	1,010.85
2005-06-09	Archaeology	Trench corner	F	06/07 112	808.00	487.01	1,010.92
2005-06-09	Archaeology	Trench corner	F	06/07 302	807.14	487.10	1,010.84
2005-06-09	Archaeology	Trench corner	E	06/07 111	807.98	486.02	1,010.93
2005-06-09	Archaeology	Trench corner	C	06/07 111	808.01	484.01	1,010.72
2005-06-09	Archaeology	Trench corner	D	06/07 301	807.07	485.02	1,010.73
2005-06-09	Archaeology	Trench corner	C	06/07 111	807.98	484.00	1,010.72
2005-06-09	Archaeology	Trench corner	C	06/07 301	807.05	484.01	1,010.65
2005-06-09	Archaeology	Trench corner		06/07	807.97	483.02	1,010.65
2005-06-09	Archaeology	Trench corner	L	06/07 301	807.06	482.03	1,010.53
2005-06-09	Archaeology	Trench corner	A	06/07 111	808.00	483.01	1,010.66

Op 05/04

26 Associated points

Page 1

Date	Feature	Class	Sub-class	Description	Northing	Easting	Elevation
2005-06-09	Archaeology	Trench corner	SW	05/04 A	854.01	443.99	1,015.82
2005-06-09	Archaeology	Trench corner		05/04	863.06	443.99	1,011.83
2005-06-09	Archaeology	Trench corner		05/04	863.05	445.00	1,011.86
2005-06-09	Archaeology	Trench corner		05/04	861.89	445.07	1,012.18
2005-06-09	Archaeology	Trench corner		05/04	862.01	444.03	1,012.42
2005-06-09	Archaeology	Trench corner		05/04	860.99	443.99	1,013.79
2005-06-09	Archaeology	Trench corner		05/04	861.01	444.03	1,013.82
2005-06-09	Archaeology	Trench corner	SW	05/04	859.99	444.00	1,014.52
2005-06-09	Archaeology	Trench corner	SW	05/04	859.01	444.00	1,015.09
2005-06-09	Archaeology	Trench corner	NW	05/04 H	858.01	444.00	1,015.45
2005-06-09	Archaeology	Trench corner	SW	05/04 H	857.00	444.01	1,015.63
2005-06-09	Archaeology	Trench corner	SW	05/04 C	856.01	444.00	1,015.74
2005-06-09	Archaeology	Trench corner	SW	05/04 B	855.01	444.01	1,015.84
2004-05-28	Archaeology	Trench corner		05/04	862.99	441.01	1,011.05
2005-06-09	Archaeology	Trench corner	SE	05/04 A	854.01	445.01	1,016.01
2005-06-09	Archaeology	Trench corner		05/04	860.99	445.01	1,013.44
2005-06-09	Archaeology	Trench corner		05/04	860.00	445.02	1,014.29
2005-06-09	Archaeology	Trench corner		05/04	859.02	444.99	1,014.97
2005-06-09	Archaeology	Trench corner	NE	05/04 H	858.01	444.98	1,015.49
2005-06-09	Archaeology	Trench corner	SE	05/04 H	857.00	445.01	1,015.67
2005-06-09	Archaeology	Trench corner	SE	05/04 C	856.00	445.01	1,015.81
2005-06-09	Archaeology	Trench corner	SE	05/04 B	855.01	444.98	1,015.92
2004-05-28	Archaeology	Trench corner		05/04	862.97	496.98	1,011.58
2004-05-28	Archaeology	Trench corner		05/04	861.03	497.00	1,011.31
2004-05-28	Archaeology	Trench corner		05/04	861.00	496.01	1,011.38
2004-05-28	Archaeology	Trench corner		05/04	862.98	495.98	1,011.50

5 *Associated points*

Page 1

<i>Date</i>	<i>Feature</i>	<i>Class</i>	<i>Sub-class</i>	<i>Description</i>	<i>Northing</i>	<i>Easting</i>	<i>Elevation</i>
2005-07-01	Archaeology	Trench corner		05/05	838.00	443.00	1,015.74
2005-07-01	Archaeology	Trench corner		05/05	839.00	443.00	1,015.81
2005-07-01	Archaeology	Trench corner		05/05	840.00	443.00	1,015.89
2005-07-01	Archaeology	Trench corner		05/05	841.00	443.00	1,016.12
2005-07-01	Archaeology	Trench corner		05/05	843.00	443.00	1,016.27

Op-SubOp list

Op.	SubOp	Site	Structure	Year	Excavator	Unit dm	Goals
01		All					Surface collection throughout EP valley
02	1	S-002	Plaza	2002		Test	
02	2	S-002	Str04	2002		Test	South of Str. 04
02	3	S-002	Plaza	2002		Test	near Str. 04
02	5	S-002	Str04	2003		Trench	N facade
02	7	S-002	Plaza	2003		Test	Center
02	8	S-002	Str05	2003		Trench	SE corner
02	9	S-002	Plaza	2003		Test	SW corner
02	10	S-002	Str04	2003		Test	S facade
02	11	S-002	Str03/04	2003		Test	
02	12	S-002	Plaza	2003		Test	near Str. 01
02	13	S-002	Str07/08	2003		Test	
03	1	S-004	Str01	2002		Test	E facade
03	2	S-004	Str01	2002		Test	E facade
03	3	S-004	Plaza	2002		Test	
03	4	S-004	Str03	2002		Test	N facade
03	5	S-004	Str01	2003		Test	N facade
03	6	S-004	Str01	2003		Test	N facade
04	1	S-001	Patio 01	2002		Test	
04	2	S-001	Patio 03	2002		Test	
04	3	S-001	Patio 01	2003		Test	NE corner
04	4	S-001	Patio 01	2003		Test	W side
04	5	S-001	Patio 01	2003		Test	Center
04	7	S-001	Patio 01	2003		Test	W side
04	8	S-001	Patio 01	2003		Trench	NE corner
04	9	S-001	Str01	2003		Test	W facade
04	10	S-001	Patio 02	2003		Test	NE corner
04	11	S-001	Patio 02	2003		Test	E side
04	12	S-001	Patio 04	2003	EEB	Test	Center
04	15	S-001	Str02	2005	YM		
04	16	S-001	Str02	2005	YM		
05	1	S-001	Str01	2004	MAC	Trench	Str. 01 E facade
05	2	S-001	Str01	2004	MAC	Trench	Str. 01 E facade
05	3	S-001	Str01	2005		Trench	Str. 01 E facade, base
05	4	S-001	Str01	2005		Trench	Str. 01 N facade
06	1	S-001	Str05	2004	MAC	Trench	Str. 05
06	2	S-001	Str09	2004	JRR	Trench	Str. 09
06	3	S-001	Str11	2004	MAC	Trench	Str. 11
06	4	S-001	Str04	2004	CW	Trench	Str. 04
06	5	S-001	Patio 02	2004	AP	Test	Patio 02
06	7	S-001	Str07	2005		Trench	Str. 07
06	8	S-001	Str04/05	2005		Trench	Str 04/Str. 05
07	1	S-001	Patio 01	2004	LL	Test	Patio 01, Soil testing program

Op-SubOp list

Op.	SubOp	Site	Structure	Year	Excavator	Unit dm	Goals
07	2	S-001	Patio 02	2004	LL	Test	Patio 02, Soil testing program
07	3	S-001	Patio 03	2004	LL	Test	Patio 03, Soil testing program
07	4	S-001	Patio 04	2004	LL	Test	Patio 04, Soil testing program
07	5	S-002	Plaza	2004	JC	Trench	Plaza, Soil testing program
08	1	S-001	Patio 03	2004	SEM	Section	Rosario river profile clearing
09	1	S-018		2005		Trench	
09	2	S-018		2005		Trench	
09	3	S-018		2005		Trench	

55 Associated points

Page 1

EP Floors

Date	Feature	Class	Sub-class	Description	Northing	Easting	Elevation
2005-07-06	Construction	Ancient	Floor	S-001-Azul-Morado	807.24	487.25	1,010.21
2004-06-08	Construction	Ancient	Floor	S-001-Azul-River section-Morado	804.38	486.05	1,010.18
2004-07-02	Construction	Ancient	Floor	S-001-Blanco-E facade landing-Floc	842.85	451.28	1,010.63
2004-07-02	Construction	Ancient	Floor	S-001-Blanco-E facade landing-Floc	842.83	451.82	1,010.69
2004-07-02	Construction	Ancient	Floor	S-001-Blanco-E facade landing-Floc	842.19	451.81	1,010.67
2004-07-14	Construction	Ancient	Floor	S-001-Blanco-Empedrado	846.02	450.41	1,011.95
2005-07-06	Construction	Ancient	Floor	S-001-Celeste-AquaMarina	807.68	488.51	1,010.25
2005-07-06	Construction	Ancient	Floor	S-001-Celeste-AquaMarina-cut	806.24	484.44	1,010.20
2005-07-06	Construction	Ancient	Floor	S-001-Celeste-AquaMarina-cut	807.84	484.82	1,010.20
2005-07-06	Construction	Ancient	Floor	S-001-Celeste-AquaMarina-cut	807.21	484.80	1,010.15
2004-06-08	Construction	Ancient	Floor	S-001-Celeste-River section-AquaM	807.47	489.83	1,010.26
2004-06-08	Construction	Ancient	Floor	S-001-Celeste-River section-AquaM	806.33	488.15	1,010.25
2004-06-08	Construction	Ancient	Floor	S-001-Celeste-River section-AquaM	804.38	486.05	1,010.25
2005-07-06	Construction	Ancient	Floor	S-001-Cielo-surface	813.59	488.09	1,010.78
2003-07-10	Construction	Ancient	Floor	S-001-Pa01-Rojo-S-Op 04/03-Sappe	860.55	486.18	1,009.32
2005-07-27	Construction	Ancient	Floor	S-001-Pa01-Str01-E-Yde	827.75	453.44	1,009.16
2003-07-03	Construction	Ancient	Floor	S-001-Pa01-Str01-E-Yde	847.93	457.95	1,009.26
2003-07-21	Construction	Ancient	Floor	S-001-Pa01-Str01-E-Yde	834.36	453.98	1,009.16
2004-06-12	Construction	Ancient	Floor	S-001-Pa01-Str01-E-Yde	842.24	457.66	1,009.26
2004-06-16	Construction	Ancient	Floor	S-001-Pa01-Str01-E-Yde	842.42	456.53	1,009.20
2004-06-16	Construction	Ancient	Floor	S-001-Pa01-Str11-Amarillo-N-Yde	826.35	472.30	1,009.49
2005-07-27	Construction	Ancient	Floor	S-001-Pa02-Lothrop	814.48	454.46	1,009.02
2002-08-03	Construction	Ancient	Floor	S-001-Pa03-Op 04/02-Yde	814.44	477.60	1,009.84
2002-08-03	Construction	Ancient	Floor	S-001-Pa03-Op 04/02-Yde	814.46	476.55	1,009.79
2005-07-06	Construction	Ancient	Floor	S-001-Pa03-Owens	807.09	483.41	1,009.81
2005-07-06	Construction	Ancient	Floor	S-001-Pa03-Owens-cut	806.04	483.67	1,009.86
2005-07-06	Construction	Ancient	Floor	S-001-Pa03-Owens-cut	807.82	483.93	1,009.80
2005-07-06	Construction	Ancient	Floor	S-001-Pa03-Owens-cut	807.33	483.78	1,009.87
2005-07-06	Construction	Ancient	Floor	S-001-Pa03-Owens-cut	806.69	483.77	1,009.89
2004-06-08	Construction	Ancient	Floor	S-001-Pa03-River section-Owens	798.11	478.54	1,009.54
2004-06-08	Construction	Ancient	Floor	S-001-Pa03-River section-Owens	799.80	480.59	1,009.64
2004-06-08	Construction	Ancient	Floor	S-001-Pa03-River section-Owens	796.57	476.72	1,009.43
2004-06-08	Construction	Ancient	Floor	S-001-Pa03-River section-Owens	801.30	482.72	1,009.69
2004-06-08	Construction	Ancient	Floor	S-001-Pa03-River section-Owens	794.47	475.65	1,009.41
2004-06-16	Construction	Ancient	Floor	S-001-Pa03-Str05-N-Yde-cut	827.55	463.99	1,009.32

55 Associated points

Page 2

Date	Feature	Class	Sub-class	Description	Northing	Easting	Elevation
2004-06-16	Construction	Ancient	Floor	S-001-Pa03-Str05-N-Yde-cut	827.61	463.07	1,009.34
2004-07-14	Construction	Ancient	Floor	S-001-Pa03-Str09-Lothrop	798.45	453.27	1,008.80
2004-07-27	Construction	Ancient	Floor	S-001-Pa03-Str09-Sapper	796.87	455.36	1,008.64
2004-07-02	Construction	Ancient	Floor	S-001-Palido-enpedrado	842.60	452.04	1,010.67
2004-07-02	Construction	Ancient	Floor	S-001-Palido-enpedrado	842.69	450.88	1,010.61
2004-06-08	Construction	Ancient	Floor	S-001-River section-Blom-E	798.78	479.26	1,009.38
2004-06-08	Construction	Ancient	Floor	S-001-River section-Blom-W	798.10	478.66	1,009.32
2005-07-27	Construction	Ancient	Floor	S-001-Str04-Lunardi	827.85	444.76	1,010.26
2004-07-02	Construction	Ancient	Floor	S-001-Str05-Amarillo	825.32	463.61	1,009.75
2004-07-02	Construction	Ancient	Floor	S-001-Str05-Rm2-Bench-surface	819.92	463.54	1,011.99
2004-07-02	Construction	Ancient	Floor	S-001-Str05-Rm2-Floor	822.22	463.01	1,011.14
2004-07-02	Construction	Ancient	Floor	S-001-Str05-Rm2-Step1-surface	823.76	463.19	1,010.68
2004-07-14	Construction	Ancient	Floor	S-001-Str09-Owens	798.40	464.12	1,009.16
2004-07-27	Construction	Ancient	Floor	S-001-Str09-W-Terrace surface	795.86	455.68	1,010.14
2004-06-12	Construction	Ancient	Floor	S-001-Str11-Rm1-Floor-SE	820.81	471.57	1,010.07
2004-06-12	Construction	Ancient	Floor	S-001-Str11-Rm1-Subfloor-SE	820.23	472.04	1,010.03
2004-07-02	Construction	Ancient	Floor	S-001-Str11-Rm1-floor	817.03	472.13	1,009.70
2004-07-27	Construction	Ancient	Floor	S-001-Tortuga-N-surface	796.07	455.39	1,008.95
2004-06-08	Construction	Ancient	Floor	S-001-Verde-Emplantillado	792.39	474.82	1,009.10
2004-06-08	Construction	Ancient	Floor	S-001-Verde-Emplantillado-E	794.39	475.68	1,009.19

Lot Log

Op 06/07

A- 1, 2, 3

B- 4, 5

C- 6, 7

D- 8, 9

E

F 12, 13, 14

G 15

H 16, 17

I 20, 21

J 22, 23

P 30

Q 31

M 20, 23

N 22

Op 05/04

A 1, 3, 5, 7, 12

B 2, 4, 6, 8, 11

C 9, 10

D 13, 14

E 15

F 16, 19

G 17, 18, 20

H 21

I 22

J 23, 24

K 25

L 26, 27

M 28

N 29, 30, 31

O 32

P 33, 34

05/06

A 3, 4

B 1, 2

C 5

D 6

E 7, 8

F 9, 10, 11

G 12

05/05

A 1, 3, 9, 11

B 2

C 4

D 5, 7, 10

E 6, 8

05/08

A 1, 2, 3

B 4, 5, 6

C 7, 8, 9

D 10, 11, 12

E 13, 14

F 15

G 16, 20

H 17, 18

I 19

05/07

A 1, 2

B 3, 4

C 5, 6, 7

D 8, 9

E 10, 11

06/09

A 1, G 18, 19

B 2, 3, 4, 5, H 21, 22, 39

C 6, 7, 8, I 24, 23

D 9, 10, 11, E 14, 37

E 12, 13, 14, 20, B 38

F 15, 16, 17

06/10

A 1, 2, 3, 4

B 5, 6, 7, 8

humus/leaves
flu
2nd floor
drawn
humus
leaves
stable

2005-08-09	1	854.18	443.84	1015.85	S-001-Bianco-Superstructure-Column01-upper body	Construction	Ancient	Structure
2005-08-09	2	854.71	443.99	1015.84	S-001-Bianco-Superstructure-Column01-upper body	Construction	Ancient	Structure
2005-08-09	3	854.39	443.24	1015.74	S-001-Bianco-Superstructure-Column01-upper body	Construction	Ancient	Structure
2005-08-09	4	854.95	443.34	1015.73	S-001-Bianco-Superstructure-Column01-upper body	Construction	Ancient	Structure
2005-08-09	5	854.13	443.95	1015.69	S-001-Bianco-Superstructure-Column01-lower body-upper corner	Construction	Ancient	Structure
2005-08-09	6	855.22	443.37	1015.67	S-001-Bianco-Superstructure-Column01-lower body-upper corner	Construction	Ancient	Structure
2005-08-09	7	854.36	443.15	1015.66	S-001-Bianco-Superstructure-Column01-lower body-upper corner	Construction	Ancient	Structure
2005-08-09	8	855.10	444.25	1015.22	S-001-Bianco-Superstructure-Column01-lower body-upper corner	Construction	Ancient	Structure
2005-08-09	9	854.15	444.13	1014.43	S-001-Bianco-Superstructure-Column01-lower body-lower corner	Construction	Ancient	Structure
2005-08-09	10	855.13	444.26	1014.56	S-001-Bianco-Superstructure-Column01-lower body-lower corner	Construction	Ancient	Structure
2005-08-09	11	855.28	443.43	1014.49	S-001-Bianco-Superstructure-Column01-lower body-lower corner	Construction	Ancient	Structure
2005-08-09	12	854.25	443.25	1014.47	S-001-Bianco-Superstructure-Column01-lower body-lower corner	Construction	Ancient	Structure
2005-08-09	13	854.59	444.36	1014.29	S-001-Bianco-Platform-Floor	Construction	Ancient	Floor
2005-08-09	14	855.79	443.69	1014.51	S-001-Bianco-Superstructure-Int Floor	Construction	Ancient	Floor
2005-08-09	15	853.55	443.39	1014.43	S-001-Bianco-Superstructure-Int Floor	Construction	Ancient	Floor
2005-08-09	16	853.30	443.87	1014.44	S-001-Bianco-Superstructure-Threshold-Step-upper	Construction	Ancient	Structure
2005-08-09	17	854.04	443.97	1014.45	S-001-Bianco-Superstructure-Threshold-Step-upper	Construction	Ancient	Structure
2005-08-09	18	855.52	443.02	1014.52	S-001-Bianco-Superstructure-Wall1-Wall2-corner	Construction	Ancient	Structure
2005-08-09	19	856.95	443.25	1014.52	S-001-Bianco-Superstructure-Wall2	Construction	Ancient	Structure
2005-08-09	20	853.75	442.71	1014.47	S-001-Bianco-Superstructure-Wall2	Construction	Ancient	Structure
2005-08-09	21	854.22	442.76	1014.46	S-001-Bianco-Superstructure-Wall3-Wall2-corner	Construction	Ancient	Structure
2005-08-09	22	857.70	444.72	1014.44	S-001-Bianco-Superstructure-Wall4-corner	Construction	Ancient	Structure
2005-08-09	23	857.84	444.15	1014.40	S-001-Bianco-Superstructure-Wall4	Construction	Ancient	Structure
2005-08-09	24	858.70	444.82	1014.53	S-001-Bianco-Superstructure-Wall4	Construction	Ancient	Structure
2005-08-09	25	862.24	444.81	1011.75	S-001-Bianco-N-Terrace01-upper	Construction	Ancient	Structure
2005-08-09	26	862.29	444.40	1011.73	S-001-Bianco-N-Terrace01-upper	Construction	Ancient	Structure
2005-08-09	27	861.29	444.68	1012.03	S-001-Bianco-Fill Wall	Construction	Ancient	Structure
2005-08-09	28	860.35	444.54	1012.04	S-001-Bianco-Fill Wall	Construction	Ancient	Structure
2005-08-09	29	863.62	444.53	1010.59	S-001-Bianco-N-Terrace00-landing	Construction	Ancient	Floor
2005-08-09	30	842.64	444.57	1013.75	S-001-Str01-Fill-Fill wall 01-Op 05/05	Construction	Ancient	Structure
2005-08-09	31	842.83	443.36	1013.78	S-001-Str01-Fill-Fill wall 01-Op 05/05	Construction	Ancient	Structure
2005-08-09	32	842.34	443.84	1013.75	S-001-Str01-Fill-Floor01-Op 05/05	Construction	Ancient	Floor
2005-08-09	33	842.84	444.03	1013.06	S-001-Str01-Fill-Fill wall 02-Op 05/05	Construction	Ancient	Structure
2005-08-09	34	843.04	444.03	1013.14	S-001-Str01-Fill-Fill wall 02-Op 05/05	Construction	Ancient	Structure
2005-08-09	35	842.16	443.68	1013.65	S-001-Str01-Fill change	Construction	Ancient	Structure
2005-08-09	S312	850.22	443.67	1016.35	S-01 Str01	Archaeology	Station	

"TOWN" GROUP

This architectural complex is the portion of El Paraiso that is most commonly described. Karl Sapper published the only known map of this group in 1898 in which he seems to have reversed the north-south orientation of the group (see Figure 3 with corrected orientation). The group is located within the limits of the modern town, to the east of the main square. Furthermore, as far back as 1938, reports of disturbance, looting, and pitting by the local townspeople are associated with this architectural group. However, despite the great disturbances since 1938, there remain extant standing superstructure walls.

The group is located along the eastern bank of the Rosario River, a small stream that flows north into the Morjá river. The group covers an area measured to be roughly 120m x 180m. However, Yde reports structures on the opposite bank of this creek as well. Furthermore, Lunardi (1948) mentions the existence of a ballcourt at El Paraiso. Given that the "cafetal" group was unknown at the time, he must have been referring to the "town" group, although no ballcourt is present on Sapper's map or in Yde's description. Sapper illustrates the entire architectural group as a single raised platform, consisting of three patios (perhaps sunken). Patio 1 is the central patio; it is contiguous with a smaller, un-numbered patio to the east and separated by roughly 20m from the western Patio 2.

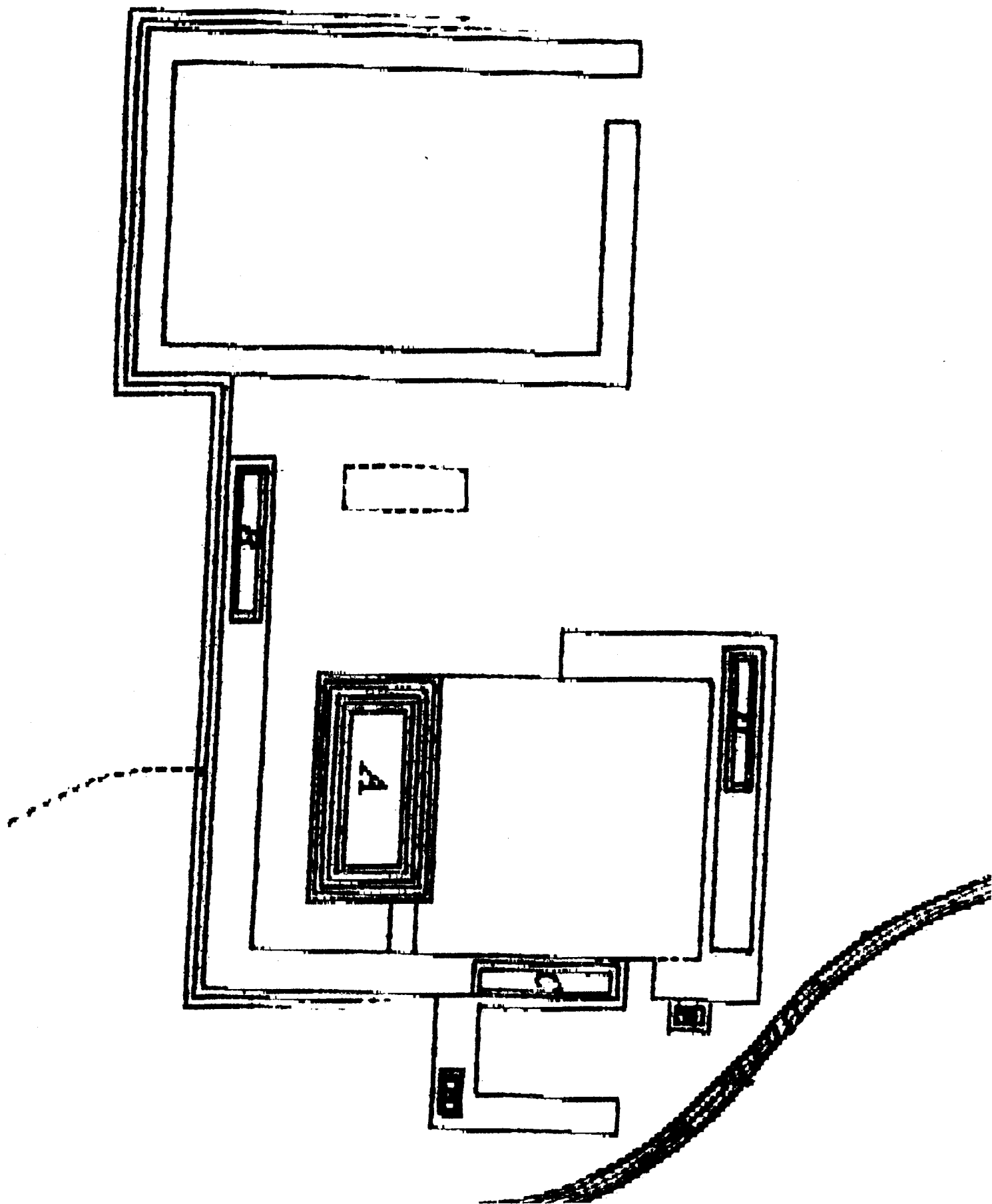
Patio 1 measures roughly 45m² and is dominated by a single large structure (Str. A) that rises roughly 4-6m in height today. Photos of this structure taken by Morley in 1914 show a very tall pyramidal building that might have measured 8 - 9m in height. From this image it is clear that a superstructure was partly extant at that time. Two other 1914 photos show standing walls composed of at least 10 courses associated with this structure; they are most likely part of the superstructure. In fact, Yde (1938) describes Str. A as a large building with high, stepped terraces, a north-facing staircase, and massive masonry superstructure walls (that were still standing in 1935). The superstructure had a north-facing doorway divided by a rectangular stone pillar. This doorway opened into a single room measuring 1.9m x 9.3m. The thickness of the northern wall of Str. A's superstructure was 1.75m. Since no roof remains were evident, Yde (1938) claims that this superstructure had a perishable roof. Recent reports state that throughout the construction of the modern town, this large mound has been partially cut away and even leveled. The modern dimensions of this mound, therefore, do not accurately represent its original size. Moreover, none of the architectural attributes described by Yde were located in the most recent reconnaissance of this group.

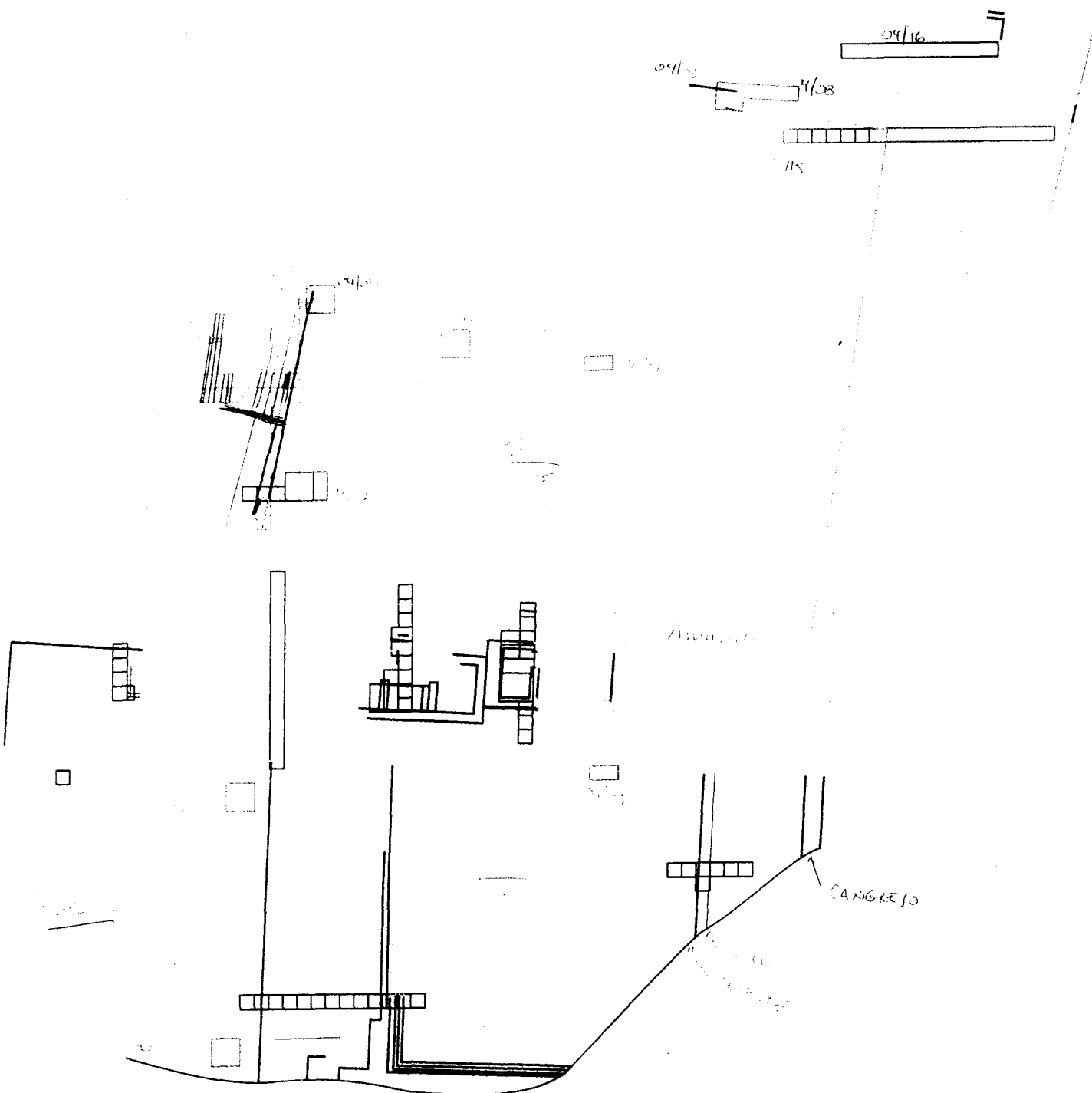
Sapper shows Str. A as the northernmost of Patio 1, a sunken area further defined by range structures to the east, south and west. Strs. C and D are the superstructures located on the platforms that form the western and southern sides, respectively, of this patio group. Str. C is described by Yde as a building with two adjacent west-facing rooms, one roughly 2.4m wide, the other 2.6m wide. This superstructure appears to have had multiple phases of construction, as the larger room was added to the smaller room after the original construction episode. A thick supporting wall was also added to the outside of the western wall. In January, 2000, a local inhabitant began digging in Sapper's Str. D, revealing two walls of shaped and faced cobbles roughly 1.5m in height. The Instituto Hondureño de Antropología e Historia (IHAIH) was able to arrest this activity and consolidate the exposed architecture.

Sapper illustrates another sunken patio -- Patio 2 -- to the east and slightly north of Patio 1. It measures roughly 70m x 40m. He represents it simply as a series of connected range structures, with a small opening between the west and north range structures, presumably to allow access to the patio. This patio was not observed or investigated in the latest reconnaissance because the area is covered by recent construction.

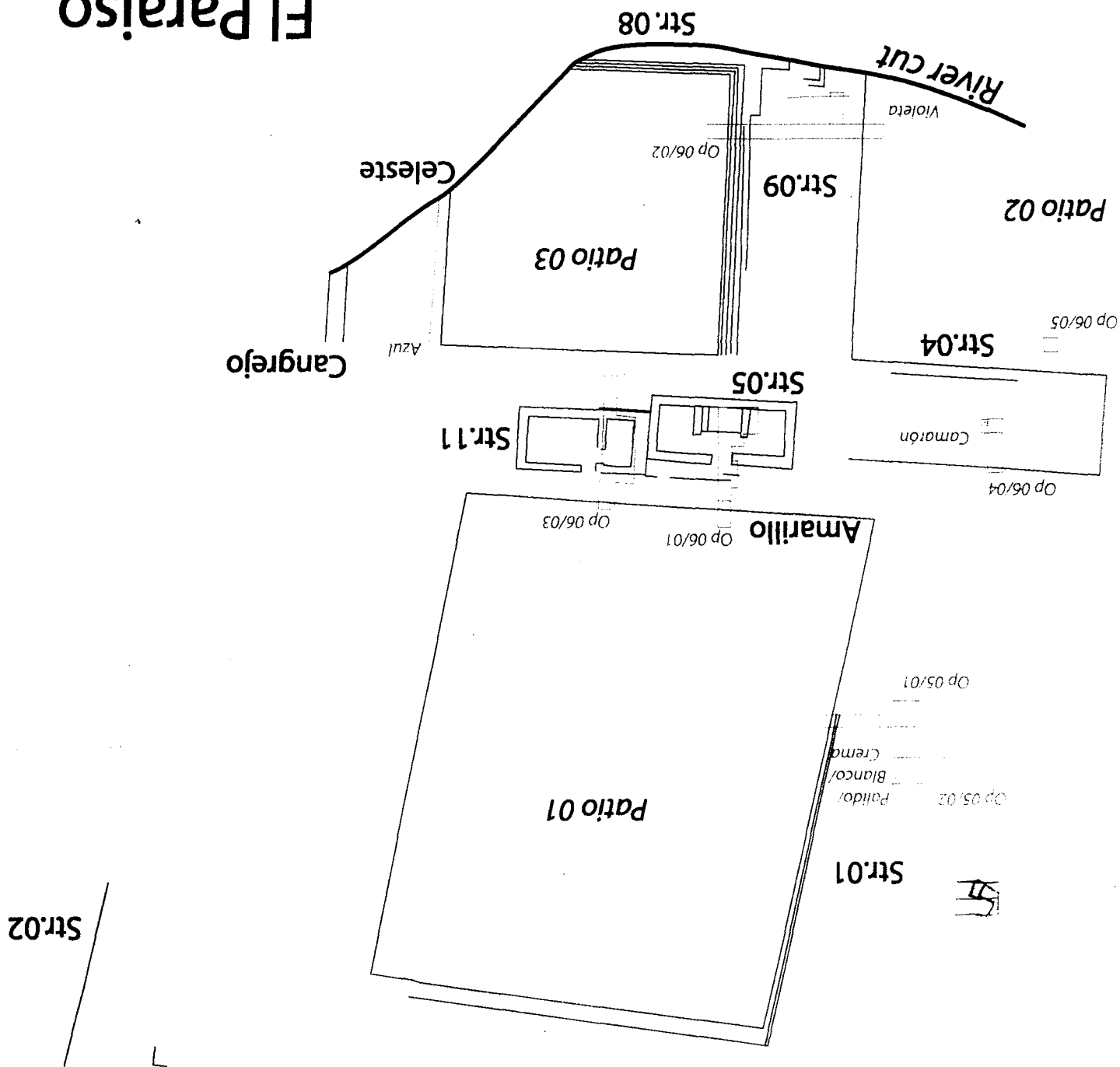
To the west of Patio 1, Sapper's map includes a smaller patio group, but the group is not given a separate designation. Superstructures E and F are located on the northwestern and southeastern edges, respectively, of this smaller side-patio. Modern day observation has verified the existence of this patio, where surviving superstructure walls remain exposed. The platforms are roughly 1m high and approximately 10m x 5m in plan. The construction technique of the superstructures includes the use of stone masonry; however, the masonry style is distinct from that of typical Copanec architecture. The masonry does not consist of cut toba blocks, but rather of faced, flat rocks that look more like bricks. This patio seems to have been partially destroyed by the nearby spring, which could have easily eroded the western structure.

To the northeast of Patio 1, Sapper draws another E/W range structure with a superstructure labeled Str. B. This range structure connects Patios 1 and 2 which Sapper represents as a simple platform surface. Finally, Sapper shows a small creek emanating from the southern range structure. Apparently, the southern portion of this group has recently been disturbed by the construction of a modern foot-path and several residences. The water source, however, is present.

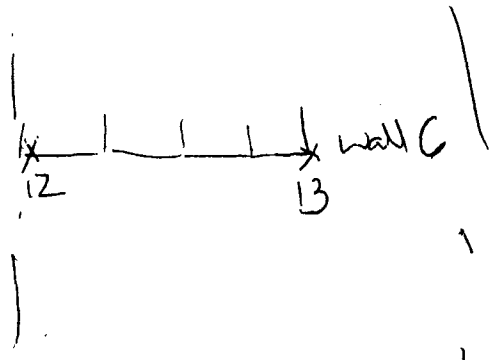
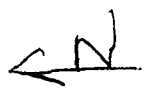




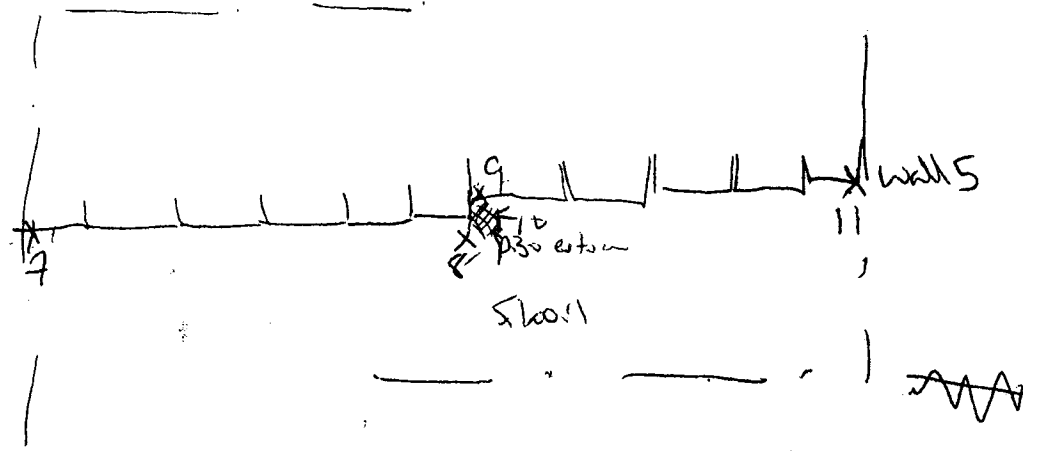
El Paraíso



Sta. 02
Plan view
2005-08-1



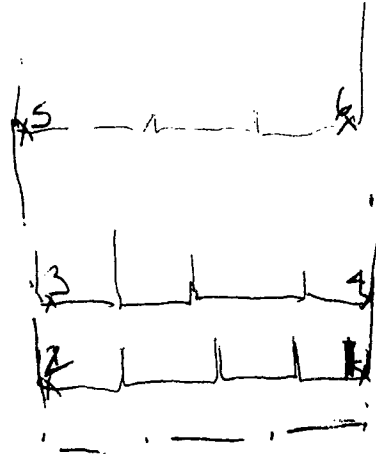
Wall 4



Wall 3

Wall 2

Wall 1



Op 05/06

Str. 01

E fac.

N stairs

		SE	NE	SW	NW
Lot 1	B	1009.21	1009.21	1009.21	1009.21
2	B	1009.21	1009.21	1009.21	1009.21
3	A	1009.21	1009.21	1009.21	1009.21
4	A	1009.21	1009.21	1009.21	1009.21
5	C	1009.21	1009.21	1009.21	1009.21
6	D	1009.21	1009.21	1009.21	1009.21
7	E	1009.21	1009.21	1009.21	1009.21
8	E	1009.21	1009.21	1009.21	1009.21
9	F	1009.21	1009.21	1009.21	1009.21
10	F	1009.21	1009.21	1009.21	1009.21
11	F	1009.21	1009.21	1009.21	1009.21
12	G	1009.21	1009.21	1009.21	1009.21

NE - B 1010.21

SE - B 1010.21

NW - B 1010.53

SW - B 1010.50

1011.70

13 Associated points

Page 1

<i>Date</i>	<i>Feature</i>	<i>Class</i>	<i>Sub-class</i>	<i>Description</i>	<i>Northing</i>	<i>Easting</i>	<i>Elevation</i>
2005-06-08	Archaeology	Trench corner		05/06	847.00	455.00	1,011.39
2005-06-08	Archaeology	Trench corner		05/06	847.00	454.00	1,011.56
2005-06-08	Archaeology	Trench corner		05/06	848.00	454.00	1,011.64
2005-06-08	Archaeology	Trench corner		05/06	848.00	456.00	1,010.36
2005-06-08	Archaeology	Trench corner		05/06	848.00	455.00	1,011.46
2005-06-08	Archaeology	Trench corner		05/06	849.00	457.00	1,010.21
2005-06-08	Archaeology	Trench corner		05/06	849.00	456.00	1,010.50
2005-06-08	Archaeology	Trench corner		05/06	849.00	454.00	1,011.70
2005-06-08	Archaeology	Trench corner		05/06	849.00	455.00	1,011.49
2005-06-08	Archaeology	Trench corner		05/06	850.00	455.00	1,011.60
2005-06-08	Archaeology	Trench corner		05/06	850.00	456.00	1,010.53
2005-06-08	Archaeology	Trench corner		05/06	850.00	454.00	1,011.74
2005-06-08	Archaeology	Trench corner		05/06	850.00	457.00	1,010.21

9.

Op 05/07

Sh. 01 E fac. SStairs

		SE	NE	SW	NW
6A	1A	1009.80	1009.85	1009.75	1009.75
	2A	1009.29	1009.28	1009.18	1009.27
	3B	1009.75	1009.75	1009.75	1009.75
	4B	1009.25	1009.27	1009.25	1009.25
	5C	1010.80	1010.75	1010.78	1010.80
	6C	1009.80	1009.80	1009.80	1009.80
	7C	1009.30	1009.32	1009.92	1009.95
	8D	1009.75	1009.83	1009.80	1010.01
	9D	1009.27	1009.24	1009.35	1009.35
	10E	1009.83	1009.80	1009.80	1010.05
	11E	1009.24	1009.25	1009.35	1009.85

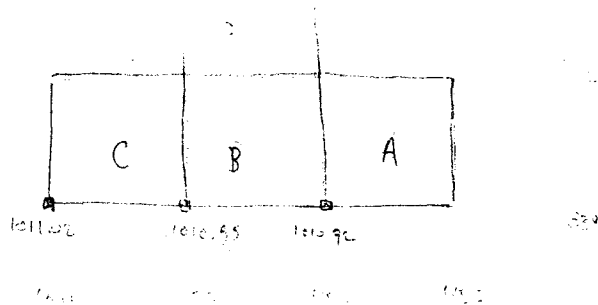
SW - C

1011.02 m

3 Associated points

Page 1

<i>Date</i>	<i>Feature</i>	<i>Class</i>	<i>Sub-class</i>	<i>Description</i>	<i>Northing</i>	<i>Easting</i>	<i>Elevation</i>
2005-06-08	Archaeology	Trench corner		05/07	839.00	456.01	1,010.72
2005-06-08	Archaeology	Trench corner		05/07	839.00	454.00	1,011.02
2005-06-08	Archaeology	Trench corner		05/07	839.00	455.00	1,010.99



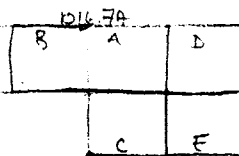
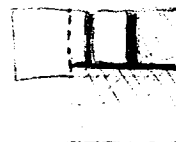
Op 05/05

Sn. 01

S top

		SE	NE	SW	NW
Lat	1 A	1016.58	1016.61	1016.61	1016.61
	2 B	1016.64	1016.65	1016.65	1016.65
	3 A	1014.75	1014.72	1014.7	1014.72
	4 C	1014.81	1014.66	1014.81	1014.81
	5 D	1014.61	1014.61	1014.70	1014.70
	6 E	1014.70	1014.61	1014.70	1014.70
	7 D	1013.68	1013.68	1013.68	1013.68
	8 E	1013.66	1013.68	1013.67	1013.68
	9 A	1013.66	1013.72	1013.70	1013.71
	10 D	1013.82	1013.69	1013.70	1013.71
	11	1013.71	1013.01	1013.75	1013.75

NW - A 1016.27
 SW - C 1016.12



1016.12

5 Associated points

Page 1

<i>Date</i>	<i>Feature</i>	<i>Class</i>	<i>Sub-class</i>	<i>Description</i>	<i>Northing</i>	<i>Easting</i>	<i>Elevation</i>
2005-07-01	Archaeology	Trench corner		05/05	838.00	443.00	1,015.74
2005-07-01	Archaeology	Trench corner		05/05	839.00	443.00	1,015.81
2005-07-01	Archaeology	Trench corner		05/05	840.00	443.00	1,015.89
2005-07-01	Archaeology	Trench corner		05/05	841.00	443.00	1,016.12
2005-07-01	Archaeology	Trench corner		05/05	843.00	443.00	1,016.27

Sp 04109

Sh. 04105 - St. 09 - Pa 03 NE crnr.

	SE	NE	SW	NW
Lot 1 A	1009.96	1010.12	1009.97	1010.91
2 B	1010.00	1010.19	1009.00	1009.97
3 B	1010.00	1010.19	1009.60	1009.47
4 B	1010.00	1010.19	1009.10	1009.12
5 B	1010.00	1010.19	1009.00	1009.01
6 C	1010.10	1010.07	1009.96	1010.00
7 C	1010.10	1010.07	1009.56	1009.60
8 C	1010.10	1010.07	1008.95	1009.00
9 D	1010.17	1010.16	1010.15	1010.37
10 D	1009.07	1010.46	1009.65	1010.37
11 D	1009.01	1010.46	1009.00	1010.34
12 E	1010.00	1010.17	1009.96	1010.15
13 E	1009.60	1009.67	1009.94	1009.65
14 E	1009.00	1009.01	1009.94	1009.00
15 F	1010.12	1010.10	1009.66	1009.96
16 F	1010.12	1010.10	1009.66	1009.56
17 F	1010.12	1010.10	1009.02	1009.95
18 G	1009.00	1010.12	1009.72	1009.60
19 G	1009.00	1010.12	1009.72	1009.02
20 E			1008.70	
21 H	1009.96	1010.00	1009.80	1009.96
22 H	1009.56	1009.60	1009.40	1009.54
23 H	1009.95	1009.00	1009.97	1009.94
24 H			1008.70	
37 E/H			1008.55	

6 Associated points

Page 1

<i>Date</i>	<i>Feature</i>	<i>Class</i>	<i>Sub-class</i>	<i>Description</i>	<i>Northing</i>	<i>Easting</i>	<i>Elevation</i>
2005-07-27	Archaeology	Trench corner		06/09	813.00	454.01	1,010.12
2005-07-27	Archaeology	Trench corner		06/09	813.02	454.98	1,010.26
2005-07-27	Archaeology	Trench corner		06/09	814.02	454.91	1,010.21
2005-07-27	Archaeology	Trench corner		06/09	814.07	453.99	1,010.25
2005-07-27	Archaeology	Trench corner		06/09	815.95	454.08	1,010.55
2005-07-27	Archaeology	Trench corner		06/09	815.96	454.97	1,010.60