

1996

PVN-085-Carter-Field Notes-1996

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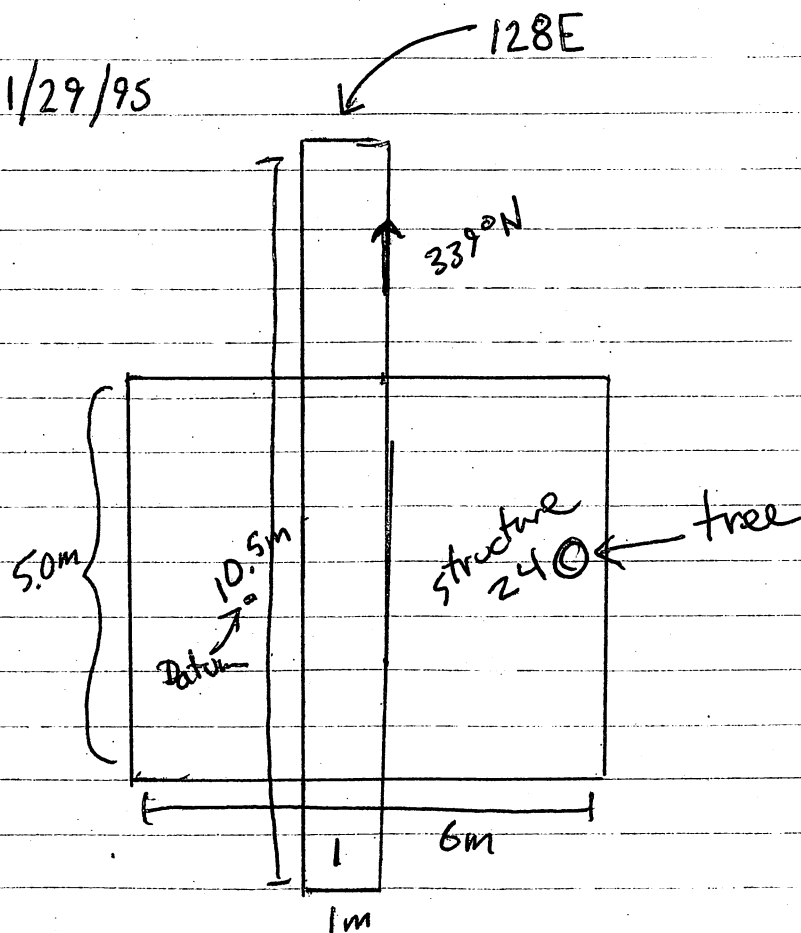
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Monday 1/29/95



Workers:
Pelo Borja
Noetake Rivara

128E/1

the firsts meter square excavation unit
~~the~~ taken down ten centimeters

all four corners of this unit were measured
 south eastern corner = 56 cm below datum
 south western corner = 54 cm " "
 north western corner = 57 cm " "
 north eastern corner = 54.5 cm " "

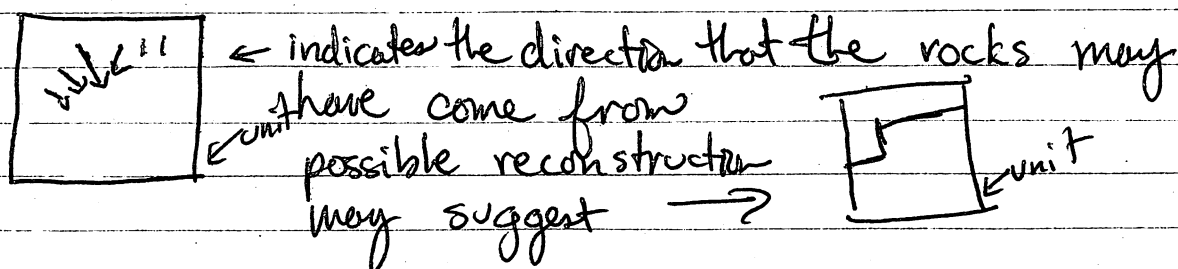
datum was determined by finding a spot that
 was higher than the rest of the structure and
 out of the way for possible perpendicular trenches

128E/2

the next 10 cm below 128E/1

the edge of a tumble is quite obvious
but no rocks have been removed yet

it appears that the rocks may have fallen
at an angle that is not perpendicular
to what appeared to be the structures position

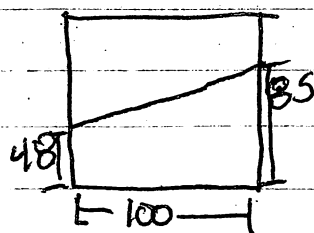


found one small obsidian flake and a quarter
of a large bag of shreds

128E/3

the next 10 cm below 128E/2

two distinct areas are appearing
to the south is an area of random cobbles
while the north seems to be stones that create
a line. The separation is pictured below



the possible wall (line of cobbles)
runs $\approx 50^\circ$ E

one large sherd found partially under a
cobble - did the cobbles fall or is this two diff.
occupations

128E/3 cont.

also found a possible chert core
(a wonderful red)

We only have 20 min until quitting so instead of excavating more we cleared up the hole so that the possible structures could be seen better. Tomorrow we will dig the southern section to see if there is anything there. If anything is found we will go deeper. If not, we will begin moving up the trench (north)

1/30/95

128E/4

next 10 cm below 128E/3

in the shape outlined on page 96-85-2

there is a possible semicircle coming from the edge of the structure
if it is it's a very messy circle as many of the rocks are on slightly different levels.

After consultation with Ed who thinks the semi-circle may be something, we are not going to remove the rocks as they may be something.

We will finish excavation in the last 25-30 cm from the south wall, but will leave everything else alone.

128E/4 cont.

next step will be to extend the trench out one more meter and excavate there

also in 128E/4 there seems to be a group of sherds that were found close together and have the same color and smooth exterior and rough interior.

small semi spherical object found diameter ≈ 2.5 cm
may be a seed pod, but I'm inexperienced enough to be careful and keep it.

128E/4 — was screened

128E/5

trench was extended one meter to account for what may be out there

128E/5 is the top ten centimeters from grade

se corner = 49.5 cm

sw corner = 54.5 cm

ne corner = 56 cm

nw corner = 54 cm

unit screened but nothing was found

upon the request of John I established a horizontal datum.

It would be the south western most point of the original trench

therefore 128E/1-4 would be 0-1m North from the horizontal datum

and 128E/5-7 will be 0-1m South from the horizontal datum

128E/6

0-1m S of horizontal datum 10-20 cm below grade

screened found - handful of small sherds
 - obsidian flake
 - chert chunk (core?)
 - two other possible flakes

128E/7

0-1m S of h. datum 20-30 cm below grade
 because we were screening we turned up a great deal of small flakes - obsidian and chert.

I question if we should screen everything!

128E/8

0-1m S of h. datum 30-40 cm below grade

128E/8 cont.

lots of tiny sherds found - not many over 4cm
 some baja reqve
 7 small obsidian flakes
 3 large obsidian blades
 6 other possible flakes
 2 possible cores (unknown material)
 2 chunks " "

no large stones

128E/9

1-2 m N from h. datum 1-10 cm

removing layer of top dirt
 may not make it to 10 cm because of
 possible structure stone.

will stop here for the day.

1/31/96

Good day! Gonna be hot!

returned to 128E/9

decided to name circular feature at 128E/3-4 Pine
 and the south wall Oak (haven't found much except
 for the tumble

1/31/96 - 128E/9 continued.

we are now ~~on the~~ moving towards the top of the structure

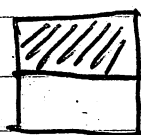
as 128E/9 is 1-2m from horizontal datum
0-10 cm deep

After the workers, Pelo and Nantole finish w/128E/9
I will move the north one more unit to give me
time to assess whether or not the cobble is tumble
or an actual visual structure

After consultation with Don Eduardo and Juancito
(Ed) (John)

we've decided to remove some of the stones in
128E/1-4

~~from the~~



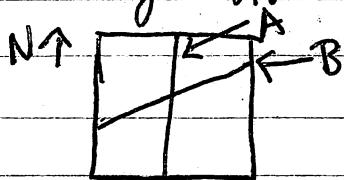
50cm ← shaded area is max area
that ~~was~~ rocks were removed
from

max depth = 40 cm min = 0 cm

some rocks re moved appeared to make of
line $50^\circ E$

this is all under 128/10

in 128E/9 there are two obvious lines of stones
they bisect at a rather odd angle



line A is perpendicular to trench
line B is perpendicular to the line of
rocks that were just removed

more stone removed

possible feature appearing at base -
a large number of small sherds are
underneath some of the tumble
will remove rocks to that level b/c the sherds
are possible final habitation

in with these pot sherds are small flecks of
charcoal

sherds from lot 10 are intermingled with the
tumble - ~~are~~ ~~not~~ ~~from~~ original provenience?

128E/10 was taken down to cm below ground
stones immediately on top of sherds were not
removed. We are now going to search for the
edge of the structure to get a relative
position of the sherds

128E/10 actually ended up extending 20 cm into
128E/9 because of the way in which the rocks
came out

128E/11 is going to start as removing the
southern half of the rocks immediately below
128E/9 the stopping point is a line of rocks
at ≈ 50 cm from the north

Possible line of rocks did not turn out to be a wall

128E/11 now includes 1-2m to a depth of 10-? ← to be filled in when lot is done planning to stop just above level where pottery is prevalent at the north side of "Pine"

maximum depth is approximately 50cm
no pattern was seen, but is it possible that I missed it.

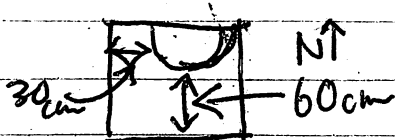
There seem to be a great deal of rock coming out of this lot but no pattern, why is this?

finish cleaning up this lot and the the day is done

2/1/96

128E/12

began by removing stones covering pottery concentration at southern end of possible feature "Pine"
depth = 30 → ≈ 45 cm



half of a medium bag of sherts - many very small (unit was screened)
2 obsidian flakes
1 chert flake
2 possibles

Lat 12°E/13

2-3m N from h. datum

0 → rocks deep actually got to $\approx 10\text{cm}$
nothing seems to be appearing
only 4 pieces of pottery found

Lot 128E/14 -

$1\text{ m} - 1.6\text{ m N of h. datum}$

50 cm deep \rightarrow

stopping at 1.6 because Ed thinks there may be a possible wall

if it turns out not to be this lot will be extended to 2 m N of h. datum

↖ now going to 2m N of h. datum

There now seems to be a possible feature appearing

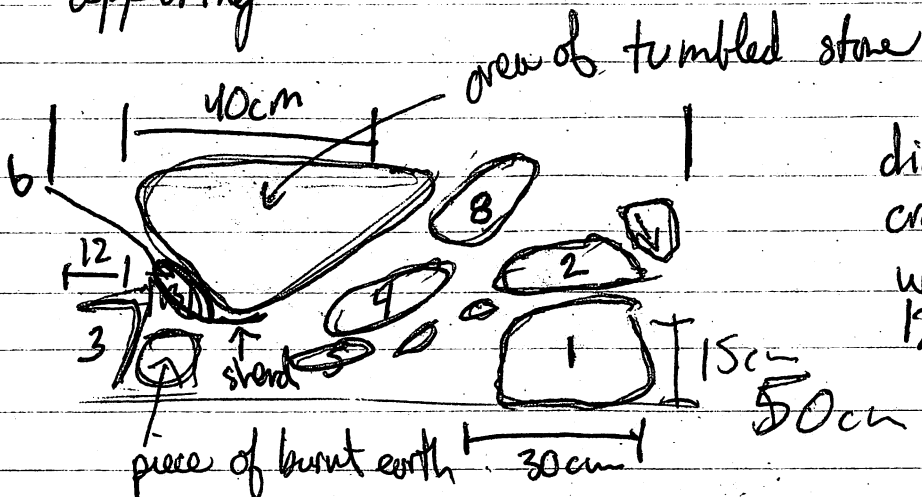


diagram of
cross section of N
wall after excavating
128E/13

rocks 1+2 seem to be the beginning of a wall
 " 4, 5 and 8 are all slanted towards the west (left
 and the area of tumbled stones

128E/15 the ~~next~~ lot will be the removal of the "area of
 tumbled stones to a ~~depth~~ of distance of 2.4 ~~km~~
 meters from h. datum

it turns out that there is another stone angle
 in forwards this depression (drawn in as stone #6)

possible wall is labeled "Oak"

continuing back from 2 \rightarrow 3 m hoping to find
 the back side of the wall

we are taking this step very slow being careful
 not to miss any possible structures
 will probably end in this lot today

1 large obsidian blade

2/1/96

cont. w/ 128E/15

128E/15

sw corner = 38cm

nw corner = 37

ne corner = 36

se corner = 43

128E/15

stone balled #4 turns out to be approx. 50cm long which may indicate that it would be useful in a wall or at least useful in some sort of stone work used to make "Oak".
 "Oak" is slightly closer to now, but on the back side approximately 240 cm N of h. datum on the east side (\approx eastern ~~340~~ 40 cm)

stopping here because there is not enough room to work so were moving up one meter to clear the top 10cm to make it easier to get to Oak and to see what else could be there

128E/16

3-4 m N of h. datum from 0-10cm deep
 good deal of tumble.

note to 128E/15 - much of the tumble removed here was stones ~~at~~ no larger than 10-20cm in max length

128E/16 one piece of obsidian
 one figurine form

128E/17 3-4 m N of h. datum from 10cm - 20cm
 tumble

2/2/96

128E/17 cont.

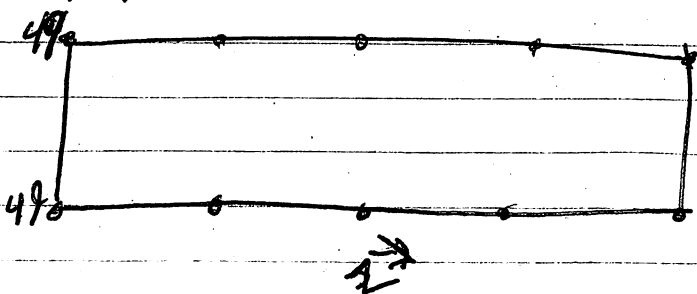
because this lot is so poor in artifacts
and is mostly tumble we extended it to
10cm \rightarrow 30cm

* the workers also overshot 20cm so the simplest
thing to do was to go down one more

128E/18

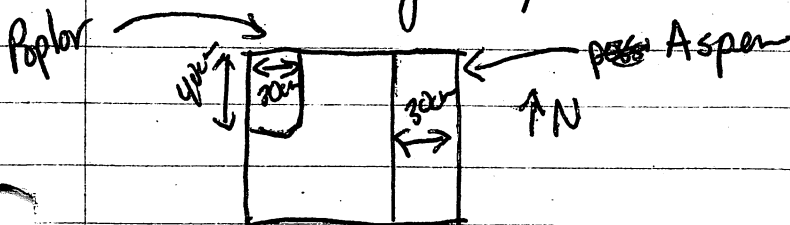
30cm \rightarrow level w/ floor of _____ behind
feature "Oak"
measurements to come later

2/5/96



attempted to get a level line
for all the corners of the ~~units~~ ground level
for the units above

continuing w/ 128E/18



Aspen and poplar both begin \approx 30cm down

2/5/96

128E/18 cont.

depth between Poplar + Aspen is $\approx 60\text{cm}$ at North side (from ground level)
 at south side $\approx 40\text{cm}$ from ground level

128E/189

4-5 m N of h. datum from ground level
 to a depth to be determined as we go
 (will initially go to 10cm, but, if nothing
 is found we will go deeper)

* note to 128E/18

there was a patch of burnt earth
~~but~~ south of "Poplar", but as it rained over
 the weekend some of it got destroyed and
 because it was softer from the rain, part got
 removed.

One of the important things to note is that it
 appears to be in line with the piece of
 burnt earth beside "Oak"

128E/19

~~at~~ at the southern edge of 128E/19 there
 is a straight line of rocks
 we cleared out the southern most 5cm to
 a depth of $\approx 60\text{cm}$

this 5x60cm area should have been a
 separate lot because the included sherds were
 different than the rest of 128E/19. They were
 larger and more concentrated

128E/19 cont.

it also definitely seems like some refits are possible

there is a definite wall-like structure at the southern side of 128E/19 (now labeled "Spruce")

next step is to go to the ~~so~~ northernmost edge of 128E and come from the other side to find the northern limits of the structure

128E/20

10-11 m N of h. datum

initially attempting to go from 0-20cm

first 20cm was pretty poor - going to 30cm

ended at 20cm on the N + 30 on the South

~~2 pieces of obsidian found~~

128E/21

10-11 m N of h. datum

from a depth of 20cm N and 30cm S to 30cm N and 40cm S

2 pieces of obsidian
pottery

— was screened b/c thought concentration of sherds might be higher (turned out to be only slightly higher)

128E/22

10 cm below 128E/21

found 4 obsidian blades

2 pieces (1 flake + 1 chunk) of honey-colored chert

1 piece white quartz?

4 pieces of rougher stuff (material?)

2 pieces of bone

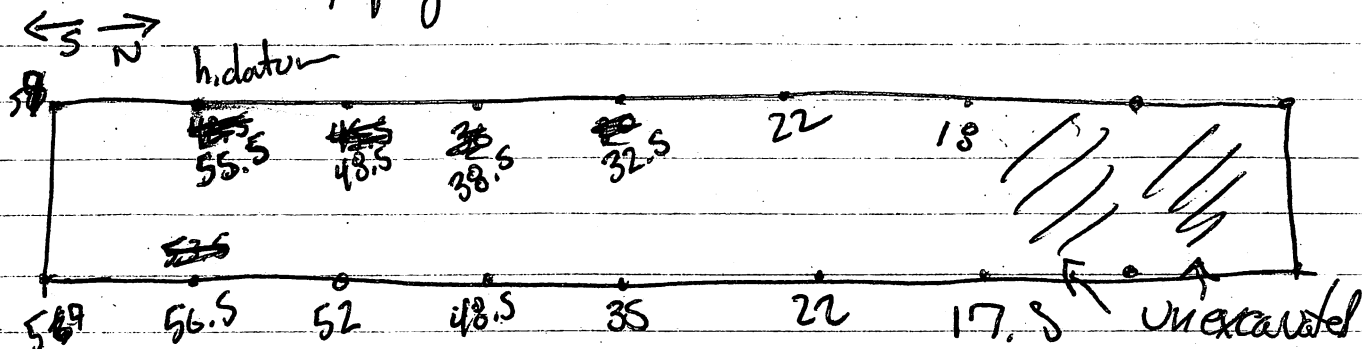
skerds

~~Ed~~ Ed said to only go down ~~to~~ to 50 cm
 so that's what I did. I want to go down
 farther, but in the meantime we are moving
 south 1 m

128E/23

9-10 m N of h. datum (0-1 m E)

0- (hopefully 20 cm)



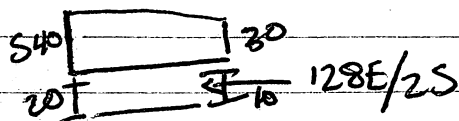
128E/23 went to 20 cm below surface
found - sherds

128E/24

9-10 m N of h. datum - 0-1 m E
20-40 cm deep (30 cm deep N) (40 cm South)
hit some tumble - small amount of sherds
2 pieces of possible lithics

128E/25

9-10 m N of h. datum - (0-1 m E)
40-50 cm deep ~~5-10 m N~~



128E/26

10 cm below 128E/25

found = sherds (small amount)

2 chipped lithics - 1 honey colored

all of the large stones found appear to
be tumble

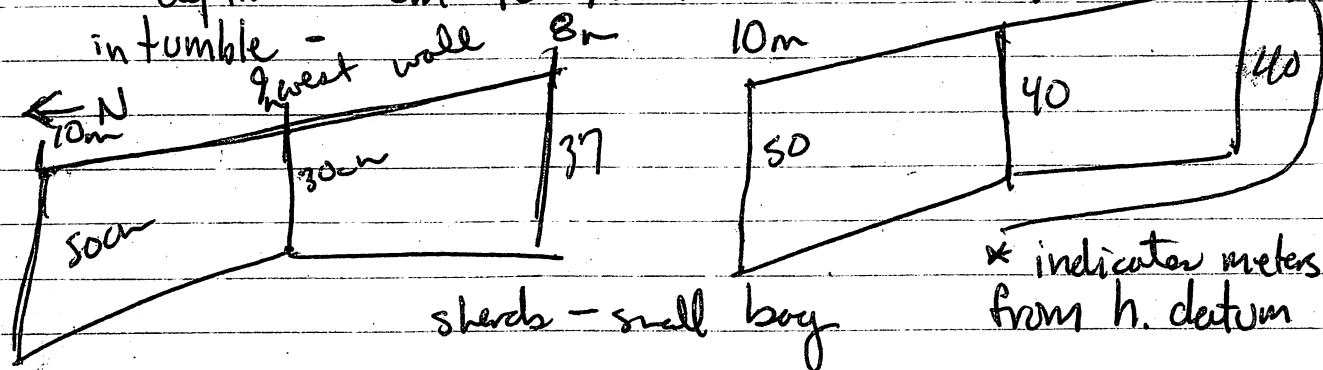
128E/27

8-9 m N of h. datum (0-1 E of h. datum)
0-20 cm

extended to \approx 30 cm

128E/28

8-9 m N of h. datum
depth = 20 cm to 40 cm



128E/29

7-8 m N of h. datum (0-1E)
0-20 cm
surface - not much here
small bag of sherds

128E/30

start this lot from 10 m N of h. datum
removing certain stones to try and find a wall
starting from a depth of 50 cm (below 128E/26)
9.5-10 m N of h. datum
10 cm to start with

so far today has been unsuccessful in finding
a northern wall

128E/30 will continue to 9 m N of h. datum
to a depth that will be recorded when
we're done

As we worked our way south to the 9m from h. datum mark to a depth near 70cm we found many more and larger pieces of pottery it also appears as if the tumble has stopped

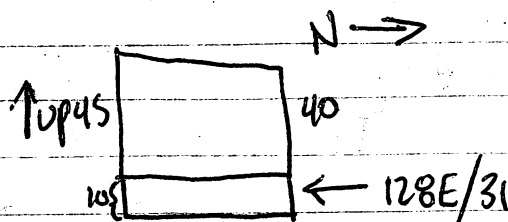
found one candelero - almost complete - has 3 legs - each one corresponds to a hole on the top and each hole has a "vent" at the bottom



also found a piece of obsidian

128E/31

10-11 m N of h. datum
next 10 cm down



won't finish this unit for the day.

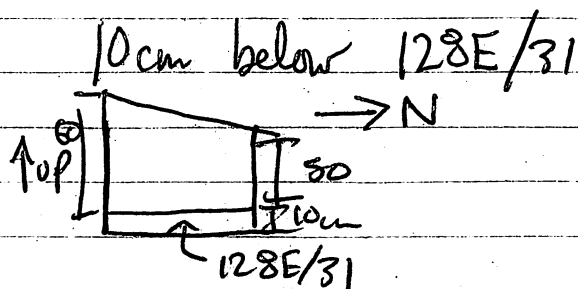
2/8/96

continuing w/ 128E/31 - will be screened

from here I think that I will take 10-11m N down one more 10cm level

2/8/86

128E/32



128E/31 + 32 were screened

there are a good # of flakes of carbon in 128E/32
not quite enough for a sample

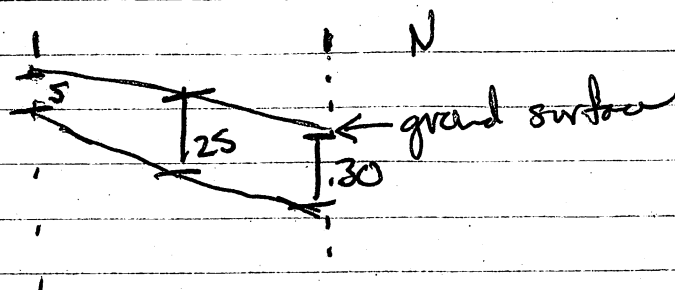
the workers dug it out so it was $\approx 50+$ a little
in the N and 700 in the S. I tried to convey to
them that we had to go to 60 in the N so that
our level would be a little ~~more~~ closer to
what it should be.

we found a lot in this lot
enough carbon for dating (hopefully)
5 pieces of bone (1 nicely polished)
2 obsidian blades
2 cores of the honey-colored chert
1 reddish flake
5 unidentifiable (rather rough) chunks or cores
6 flakes of unidentifiable material
1 small stone that looks like a hammer-stone to me
2 large bags + 1 median of shards

128E/33

starting at the 9m from h. date - working our way horizontally trying to find a wall

original dimension



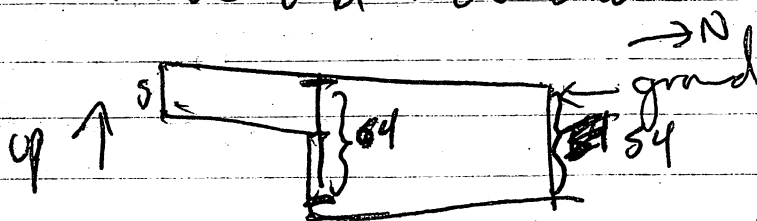
found one stone that may be a wall

it is \approx 50cm deep at \approx 8.5m from h. date

going 10cm down in front of it to see if more will appear

going the 10cm down has caused us to hit the depositional layer below and therefore we are turning out a great amount of sherds

this will be a unit to itself - includes partial tumble and 10cm below



128E/33 continued

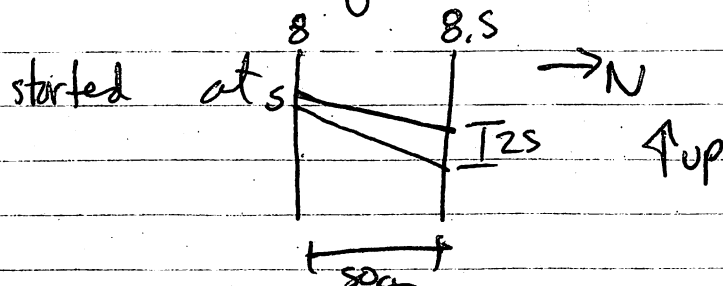
1. obsidian blade

1. piece of an ~~obsidian~~ incensario

128E/34

2/8/96

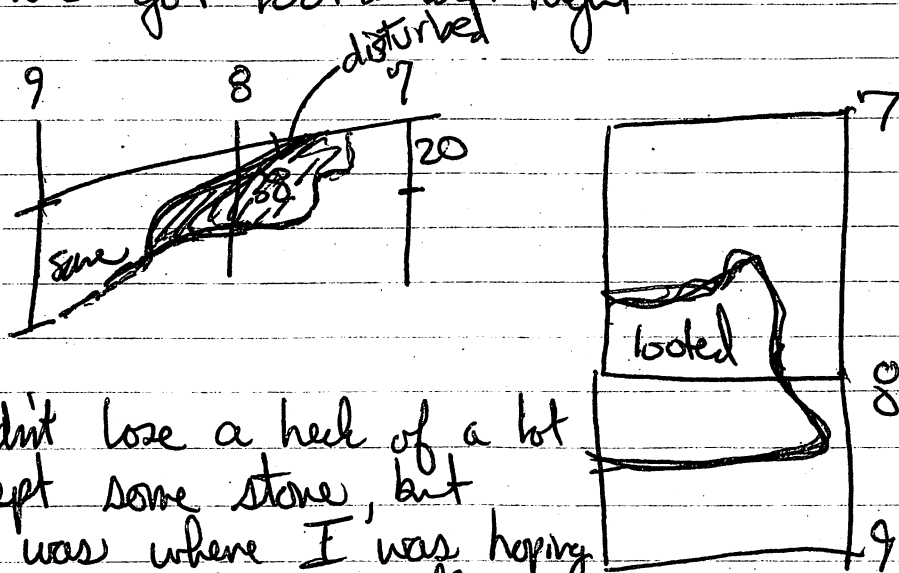
8-8.5 m N of h. datum



no more pora hoy,

2/9/96 -

We got looted last night



didn't lose a heck of a lot except some stone, but it was where I was hoping there may be a wall.

It is just an area of tumble and I don't think we got vandalized or looted. I think the cone did it.

128E/35 is the cleaning up of the disturbance and will probably get extended

2/9/96
N8E/35 cont.

Nectaline

definitely going to extend this unit - will give final measurements when we are done. Will proceed by removing a few stones at a time and then moving forward

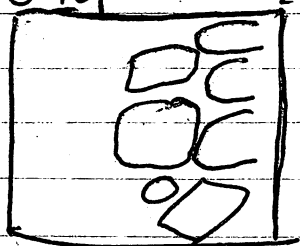
We're down to about 60cm \rightarrow at 8m mark
the layer under the tumble. I'm going to continue with the same unit because it is the same context as I move towards the 7m mark

feature
found structure "Birch".

It lies w/in 7-8m N of h. datum

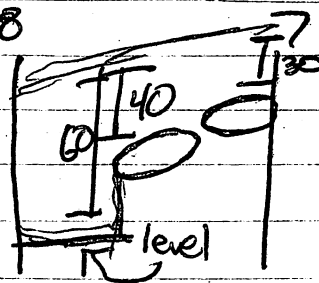
it lies at an angle going down towards the North.

8 top view



\leftarrow N (same as west)

8



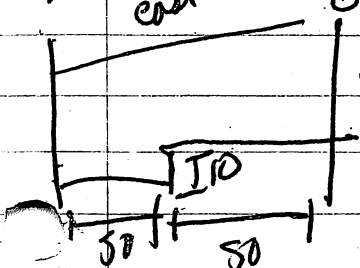
East wall west side view

7

cast wall (same as west)

8

\leftarrow just for reference



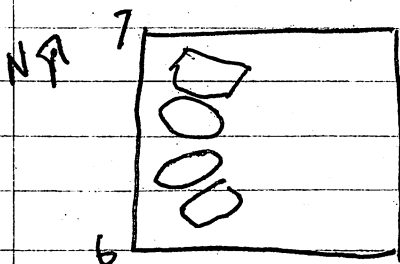
128E/36

next unit is from 6-7 m N of h. datum
from 0 - a depth to be determined later

it's pretty slow-going today. I think it's because it's Friday and we're going slow because of we're close to a wall and I don't want to go too fast.

found another feature - Teak

it is ≈ 20 cm below ground surface



I have 2 different ideas about this feature

2/12/96

Well we got vandalized over the weekend. The very distinct wall "Spruce" got its top layer of stones knocked off. The wall is still there it's just lost some of the information that could have been used (possibly to determine building practices?)

128E/37 is starting from ~~6~~⁵⁶-7 m N of h. datum, because of the variation w/in earlier units, this unit ended up a little short ≈ 8 cm

but we are going down to try and find the corresponding wall to "Teak"

2/12/96

128E/37 cont.

only 10cm below grade we seem to be finding a wall that could be an extension of "Teak", although preliminarily this new wall looks better than the original "Teak".

Definitely found more of "Teak", also found ^{northern} ~~southern~~ side of "Spruce". Will now refer to original "Spruce" as "Spruce-5" and the newly revealed side as "Spruce-N".

"Teak" is on the western side of 5-7m N of h. datum and I think we may be digging in fill going down the other side we may be hitting the other side of "Teak"

found a part of a figurine -

I no longer think that what we may be finding on the ~~eastern~~ side of 5-7m is the other side of "teak". The flat side of "Teak" is facing the east so ~~the~~ ~~that~~ the other side of "Teak" would be farther to the west. This may be a pair of features something like "Aspen" and "Poplar" that run parallel on the other side of "Spruce", but they don't coincide exactly.

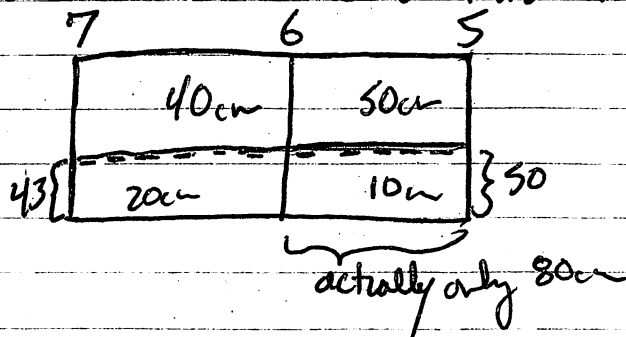
128E/37 is extending into 6-7 to go down next to "Teak"

2/12/96
128E/37 cont.

I no longer think that there is ~~anyth~~ a structure to the east of "Teak".

it is now 11:00 and we've been on the same lot all day. This is because we're in between 3 different walls and were trying to go slow so as not to miss anything. Work space is also somewhat cramped.

As near as I can figure 128E/37 is inside a room with Spruce-N, Teak, Birch making up 3 walls. This would make me believe that we should be removing a lot of tumble from the 3 walls, but there seems to be more soil and a few smaller stones. What does this mean?



128E/38

Next we are going down further at Oak ^{positioned between ~~3~~ 2-3} where the two stones point down (diagramed earlier) p. 10

we removed the two inward (down pointing stones) and just below that we found a good solid wall

I don't know if Ed wants me to go further b/c he wanted me to search for more burned earth like that at the base of Oak

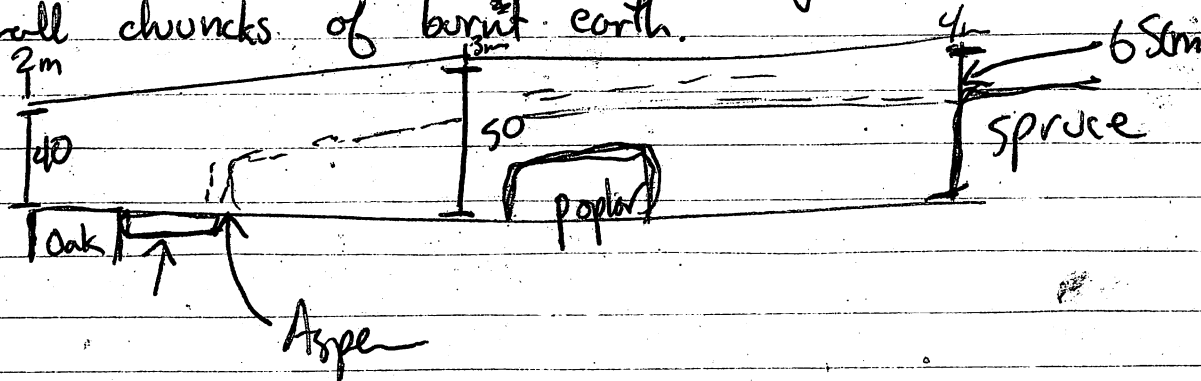
2/12/96

128E/38 cont.

this lot will be continued back at the same level as ~~structure~~ feature "Oak"

found a chunk of metate in the bottom of this unit

moving from "Oak" towards "Spruce" also noticed that in the soil that Nechaline and Pilo are turning over is filled w/ small chunks of burnt earth.



Also note that much of the earth removed btwn Oak + Spruce had chunks of burnt earth in it. Ed says that that probably means that that earth was used as fill.

We are now below poplar + Aspen but not below Spruce at the 4m mark

128E/39

10-11 m N of h data to 70N + 80S

2/13/96

The day started out w/rain so it is now almost 9am and this is my first chance to write in this.

128E/339

10cm more in 10-11m N of h. datum
from 60N and 70s to 70N and 80s
lots of sherds
lithics (small amount of carbon)
bone
soil sample taken screened

128E/340

10 more below 128E/339 from 70N and 80S
to 80N and 90S.
lots of sherds
lithics, bones (small amount of carbon)
screened

128E/41

10 more cm below 128E/40 from 80N and 90S
to 90N and 100S
10-11m N of h. datum
sherds
lithics screened

We are a full meter down and have not hit sterile soil yet

there were some interesting ceramics coming out of the last 3 lots - which is to be expected since it is a midden and even special stuff was thrown there once it was broken

Carbon samples from #128/40

lot 2 is pieces that were inter-mixed

2 of 2 came from bottom of lot

128/41 carbon also came from bottom of lot

in 128E/41
carbon
bone
lithics
shards

128E/42

0-1 m S of h. datum

from 50 cm in the N and 40 in the S
to 60 cm " " " 55 "

this ~~lot~~ lot didn't exactly end up as I had hoped that it would I only wanted 10 more cm, but in the south it ended up being closer to 15 cm - no big deal

found: piece of polished bone, very solid through the middle - possibly a special piece of bone?
also w/ bone is a possible seed pod.
lithics, and shards as usual. finding more and more non-obsidian lithics

2/13/96

128E/43

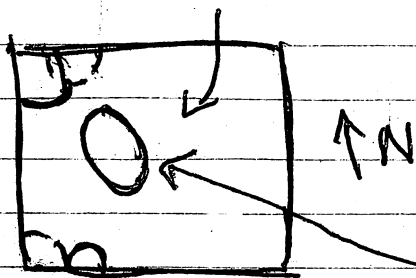
0-1m S of h. datum

10 more cm

from 60N and 55South (below 128E/42)

at around 60 cm down we found something special. What it looks like are 2 circles of bajareque

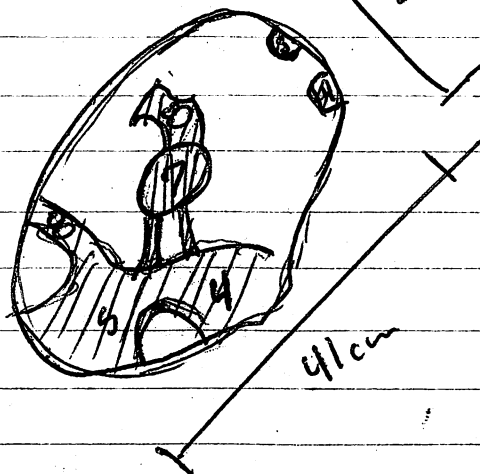
we are going to clean out the circle in the middle and keep that soil separate for a soil sample



solid line - bajareque
dashed line - stone

128E/44

▨ = area w/ red soil
is approx depth
↓ N



2/14/96

128E/43

going into the $\frac{1}{2}$ oval of bajareque that is in the NW corner of 0-1 meter South of h. datum

128E/44 is the material removed to try and find the outside edge of the bajareque oval.

* note to bajareque ovals, I think that we lost quite a lot of the circle. I noticed that there was a lot of small orange chunks in the discarded pile. Saved some of the larger ones

final measurements to come later

there is more of this $\frac{1}{2}$ oval (now named "Mahogany") in 0-1m N of h. datum

1 oval in the middle is now named "Fir"

carbon taken from 128E/43

128E/43 was extended to include 0-20cm N of h. datum (0-1m E of h. datum)
depth = 50 cm to 70 cm

128E/44 is to include 1.5 m to 2.5 m N of h. datum from 0-1m W of h. datum
depth to be recorded later

2/14/96

for 128E/45 - will probably go down to ~40cm
or the top of "oak."

Actually getting more sherds than expected - what does this mean? how does it compare w/ adjacent lots

lithics

1 large flake of rough white material

1 chunk white chert?

3 small pieces of obsidian

1 large piece of " - blade must have been huge

128E/46

1-2 m W of datum 1.5 to 2.5 m North
down to "Oak"

* note from 128E/43

the carbon sample that was taken shouldn't
be used ~~as~~ for carbon dating or rather it
can be, but the shells or seed pods could be
better used in a floral analysis

also photo taken

trying to find the ~~front~~ ^{S side of} Oak tomorrow

2/15/96

128E/47

1 m N to 1.5 m N from 0-1 m West
0 - depth of Oak (~50 cm)

2/15/96

128E/47 cont.

went 45 cm below ground surface on the Southern face - Northern edge borders ~~on~~ a newly extended "Oak" and is ≈ 20 cm below the surface of "Oak"

The workers think that there is a wall on the Western limits of the unit. it looks to me like we may have removed the wall and what's left is a somewhat flat tumble because it was right next to the wall.

going to go on to 1.0 m to 1.5 m N and 1-2 m W to try and find ~~the~~ out if this stone on the Western wall of 128E/47 is a wall or not.

Then I hope to go South of ~~the~~ 128E/47 to see if we missed that wall.

128E/47 is now 20 cm below surface of "Oak" ~~below~~ at the corner at ≈ 1.2 m N, 0 m W
(1.5)

128E/48 1.0 \rightarrow 1.5 m N 1-2 m W

intending to have this ~~last~~ ^{lot} to go down to the same level as "Oak" and then make a new ~~lot~~ to go down further, b/c I think it may be different contexts. The second ~~part~~ part of 128E/47 had more flecks of carbon and burnt earth, and possibly more sherds. Can always re combine later!

2/15/96

128E/429

1.5 m to 2.5 m N, 2 m to 3 m W of h. datum
0 to \rightarrow 40 cm

~~10~~ cm down - no real tumble

20

30 cm down - no tumble going to go to 40 cm and stop. If we don't find any more tumble this probably indicates the western most tumble from Oak and related features.

Should have
split this up
into 2 lots

128E/50 1.5 to 2.5 m N 1-2 m of h. datum

removing the rest to be even w/ Oak and
also looking for a new wall that may be turning the corner

will finish this unit tomorrow

2/16/96

finishing 128E/50 today

Plan de Portillo shard found in this lot
west further than "Oak" to 40 cm below
southern wall and \approx 10 cm below "Oak"

also extended into 1 m to 1.5 m N and 1.6 to 2 m W
to a depth of 40 cm also

from 90 cm W to 140 cm W we have a new feature
named "Guamacaste" extends from Oak at the
same level into 10 m N line (unexcavated)

128E/51

.5 m to 1 m N, 0 m to 1 m N of h. datum
 0 to a depth to be recorded later
 (extends slightly into 0, 1 N; 0, 1 E of h. datum)
 Hoping to find more of "Guanacaste"

doing drawing ^{w/Ed} today, that's why 128E/50 was a
 little larger than intended

depth of 51 - 35 cm below grade on Southern
 wall and 20 cm below "Oak" on Northern wall

"Guanacaste" does enter into this unit, but it is a
 truly ugly wall and was definitely erected after
 "Oak"

lithics
 sherds

"Guanacaste" also goes into \pm . 5 to 1 m N, 1 to 2 m W
 will excavate this next

128E/52

.5 to 1 m N, 1 to 2 m W of h. datum
 0 to 20 cm
 pattern

Plan de Portillo sherd found in 128E/53 less than 1 m from
 where the P de P sherd from

128E/53 = .5 to 1 m N, 1 to 2 m W of h. datum
~~0 to 20~~ 20 to

128/50 was
 found

2/16/96

128E/53

finsh depth ≈ 35 in N, ~~35~~³⁵ in Sthe eastern 20cm is partially taken up by
"Guanacaste"

128E/54

.5m N to .5m S, 0-1m W; 0 to 20cm

note to 128E/53 - the first lot in this unit (128E/52)
probably only went to 10cm, because there is
~~10~~ 10 cm of "trench dirt" around the edges.

128E/54 - small bag of sherds found

(small pocket of bj that we may want to
check tomorrow)

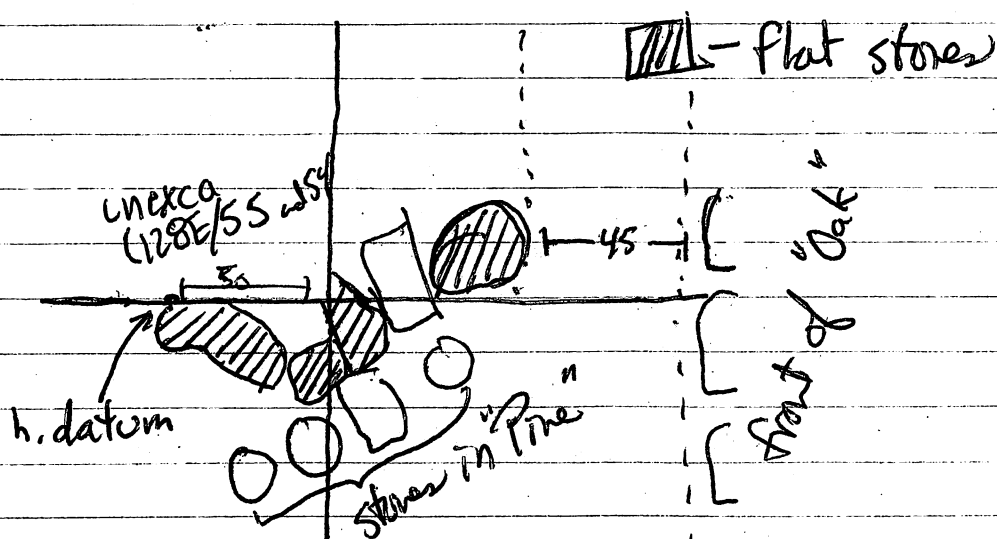
done for the day

2/19/96

128E/55

.5m N to .5m S, 0 to 1m W; 20 to ≈ 40 cm
deepwill be entering some tumble and possibly
part of a wall - there are 3 flat stones that
seem very much in line w/ each other, but
with nothing else - see diagram on next
page

2/19/96



naming above feature "labrel"

found a nice piece of chert kicking around - no provenience, but saved b/c of possible analytical importance

128E/55

"labrel" did not extend into 128E/55
but I'm not going to claim that it is nothing yet
a few stones at the southern edge of 128E/55

128E/56

1.5 m N to 2.5 m N, 1 to 2 m E
O. to a depth to be determined later
looking for the eastern extension of "Oak"

final depth of 128E/55 = 35 cm - North and South

2/19/96
128E/56 cont.

128E/57

disturbed unit - got looted last night, but they left the sherds - going to square it up

I'm working on this while the workers do 128E/56, 58

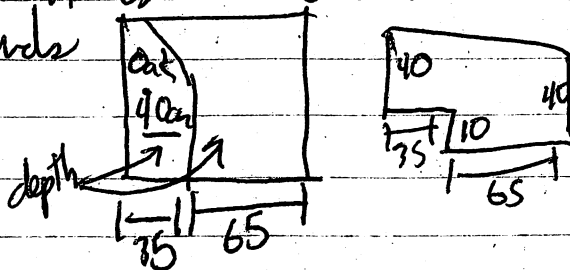
see lot card for provenience
found - sherds, figurine head, lithics, possible baja reqre circle
4 jote shells, small piece of lime → name of an ore
same bag

128E/56 - ended up at a depth of 20 m the South
and ≈ 825 in the North (varies w/m S
throughout lot because of the way in which
tumble was removed

128E/58

(below 128E/56) 1.5 m to 2.5 m N, 1 to 2 E of h. clator
20 cm in S and 25 cm in N to a depth to
be measured later

"Oak" extends into this unit - on the North edge
of the unit it is ≈ 40 cm below grade
unit extends



the angle of "Oak" changes slightly in 128E/58
 from \uparrow^N to --- going ~~to~~ another meter ~~to~~ east
 to see if this carries through

128E/59 1.5 to 2.5 m N, 2 to 3 m ~~to~~ E of h. datum
 0 to 20 cm deep
 shreds only

128E/60 1.5-2.5 m N; 2-3 m E of h. datum
 20 to \approx cm

searching for more of "Oak"

down to \approx 30-35 cm and "Oak" continuation can not
 be seen. It should show up \approx 40 cm, but
 the way the rocks are placed I am sure that
 it won't be appearing. I don't understand.

5 more minutes and we're done with this ridiculously
 hot day.

will finish tomorrow

2/20/96

continuing w 128E/60

final depth = 50 cm below grade

128E/61

2.5 to 3 m N, 1 to 2 m E of h. datum

to 128E/61

found another wall - going to with hold naming it b/c it may be part of "Oak" as it is partially above it

it starts \approx ~~10 cm ab~~ just behind and on top of "Oak"

slopes up towards the North almost like "Birch" slopes to the South

depth in S \rightarrow 30cm in N = 20cm

128E/62 next $\frac{1}{2}$ meter up

3 to 3.5 m N, 1 to 2 m E of h. datum

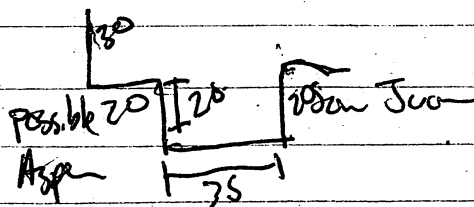
Spent most of the morning drawing a picture of the trench wall from 1-3 m W of h. datum at a distance of 2.5 m N of h. datum

We didn't find a continuation of "San Juan" (above extension of "Oak") and we may have found only a small part of "Aspen" and it's quite ugly

128E/63

2.5 to 3.5 m N, 2 to 3 m E O to ?

128E/62 Finish diagrams



2/20/96

128E/63 - found an interesting spherical ceramic thing - has hole in top - hollow and also has smaller holes.

cont. went down to 30cm below grade

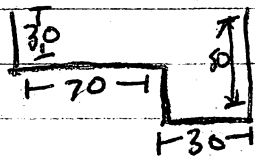
128E/64

2.5 to 3.5 m N, 2 to 3 m E

30cm down - still looking for a wall

may have found another wall that runs almost exactly N/S (mag.)

in S \downarrow 50 \leftarrow 30 the other 70cm is about 30cm below grade



2/21/96

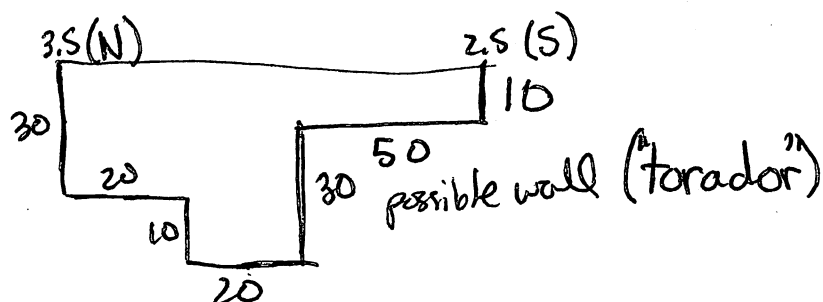
128E/65

2.5 to 3.5 m N, ^{3 4} 2 to 3 m E of h. datum

0 to 30 - extended until we hit rocks - see p. 42

128E/66 - Am going to use this unit lot to check out more around the possible big crch found in 128E/57 on p. 85-38

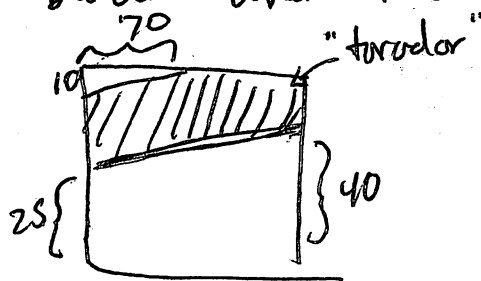
128E/65 cont.



128E/66 7 2.5 to 3.5 m N, 4 to 5 m E of h. datum
 attempting to find more of "torador"
 there is also a large rock in the Northeast corner,
 which may be something

* note lines (unit dividers) have gotten off some
 how.

"torador" definitely extends into 128E/67
 it is ≈ 15 cm below grade
 besides where "torador" is the depth is ≈ 25



128E/68 1.5 m to 2.5 m N, 3 to 4 m W of h. datum
 0 to store

2/21/86

~~128E/68 cont.~~

because of the separation between "Oak" & "San Jan"
and "Torador" we believe that it may be part of
a different structure. Or it may be the
same structure only partially separated.

128E/68 cont.

down to 25cm and haven't really hit
anything.

128E/69

This lot should be included w/ 128E/60
because we basically cleaned up the rubble
that was in front of a wall that we've
found possible
feature labelled "Alder"

taking 1 bag of Pottery in from 128E/6
and 1 bag of lithics
more to come tomorrow

4 4
128E/70 1.5 to 2.5 m N, 1 to 1.5 m W of h. date
0 to ~~2.5~~ 2.5 m
shards

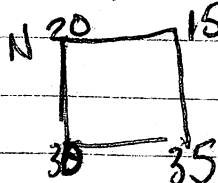
128E/71

1.15 to 2.5 m N, 4 to 4.5 m N
20 cm to stones

This lot is only 5 cm deep, b/c we hit a great deal of somewhat flat stone

128E/72 - back to btwn "torador" and "Oak" + "San Juan"
at around 3 m W and 2.5 to 3.5 m N
final measurements to be made when done2-3 m E, 1.5 to 3.5 m N to a depth
from North wall of ≈ 60 cm - see 128E/63 for start depth
(p. 96-85-40, 41)128E/73 - 3.5 to 4.5 m N, 3 to 4 m E
0 to ?

* note to 128E/72 "San Juan" and "Oak" seem to end with out going any where, maybe the corner of "Oak" is under "San Juan" or the proximity of the tree has messed things up.

128E/73 - went down to rocks - sloped
from NW to SE corner

from ground surface

128E/74 - 3.5 to 4.5 m N, 3 to 4 m E of h. data
0-8 (stones)
 ≈ 20 cm

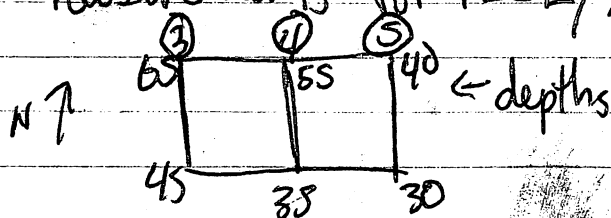
128E/75

working w/in 3.5 to 4.5 m N from 3-5 m W
trying to find "Spruce" or another wall

1 picked stone artifact + 2 jute shells

measure tomorrow!

measurements for 128E/75



128E/76 1.5 to 2.5 m N 4.5 to 5 m E of h. datum
O to "Ceiba"
the floor in between ← east
"Aspen" and "Torador" perpendicular feature

128E/77 4.5 to 5.5 m N 4 to 5 m E
O to —

* measurements for 128E/66

within 8-9 m N (0-1 m E)

8.6 to 9 m exactly → top view

start depth - 50 cm in except

60 cm in #5

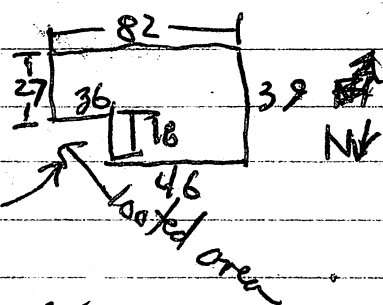
end depths - 80 cm in NE corner

63 cm in NW "

70 cm in SW

80 cm in SE

see next page for more



128E/66 cont.

pulled out 2 jute shells - 1 bone
carbon sample - not large enough for dating,
but useful in floral analysis
lithics, sherds

bottom of this unit lot is almost entirely
bajareque. It is very irregular and there
are sherds sticking out of it every where
at a later date I will go further ~~down~~ East
and South in hopes of finding more. There
probably is no more to the West b/c it ends
10cm before that side of the lot.

there was one sherd that was definitely
in place when the bajareque was
burnt b/c the bajareque conforms exactly to
its shape. the sherd is close to 20 cm long
and is definitely a bowl - black on inside

A very intense fire was necessary to create
so much bajareque (says Ed) and this is obviously
a midden so did they burn their trash,
naming this feature "frijoles"

back to 128E/76
- down to 25cm

128E/77 - trying to find a wall corner, pending
to Spruce, there is a great amount of
tumble here so were near something

2/23/96

128E/77 cont.

just below ground surface - found a good line of stone along the western wall (along 4m E) extends ≈ 20 cm into the unit lot. Will go down further in front of it.

this unit may have revealed alot, b/c now it seems that we may have a corner, but it would seem that more of this particular room/structure is to the North and East

128E/78

4.5 to 5.5 m N, 5 to 5.5 m E of h. datum
0 to ?

Jose Lino Reyes ~~Blarintas~~
Santos Reyes

128E/~~77~~79 got some more workers - yeah

4.5 m to 5.5 m N 1 to 2 m E

attempting to find more of "Spruce" and there is already a pretty obvious line on the surface.

- line extends below the surface - after this will move South, one meter to hopefully find more of "Aspen".

128E/79 just in front of wall along 4.5 m N
4-5 m E

2/23/96

128E/80 extended to include more stores or
we try to clear up what is now known as
"cedar" - only deemed of a few - lot should be covered
w/128E/75

128E/81 - 3.5-4.5 m N, 1 to 2 m E

0 to
An attempt to find more of "Aspen and "spruce"

"Cedar" seems to extend all the way to 128E/78
and combines w/"spruce"

128E/82 - 5.5 to 6.5 m N of h. datum
5-6 m E

0 to

128E/81 cont.

actually extends to ≈ 2.2 m W of h. datum
tree is in 2-3 m W so I'm not going
to worry about the lot

128E/81 only went down ≈ 10 cm before hitting a
large amount of tumble

128E/82 - 0 to ≈ 15 cm - no obvious signs
of "cedar" or any other feature

2/26/96

128E/83 4.5 to ⁵6.5 mN, 3 to 4 m E
0 to stones

128E/84 3.5 to 4.5 mN, 1 to 2 m E
≈ 10 cm to

128E/85 - near baja regue measurements later
near 8-9 m N 0-1 m E

128E/84 - lost the 2 guys that I had working on
this unit, so they basically only cleared out
between the rocks and this ~~unit~~ ^{lot} should be
included 128E/81

found a "loom weight" in the rock pile (stuff removed from excor.)

128E/83 - done - shards + lithics

~~128E/86~~ below doesn't look like much is left
so we're going over 50 cm to see
if we can find another wall!

128E/83 finish measurements - lots of tumble
depth S = 60 cm N = 20 cm -

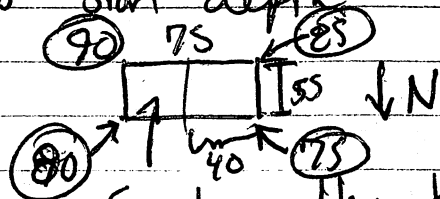
128E/~~85~~ 86 working w/in 4.5 to 6.5 mN 4-5 m E

128E/85 - there are a great deal of refits in this
lot. even some that extend into 128E/86

2/26/96

128E/86 - keep going deeper and deeper and there doesn't seem to be anything visible - It seems to me that with as much trouble as we have in the 4m² we should have some good walls.

128E/85 - start depth - 60cm, 50cm in N
to



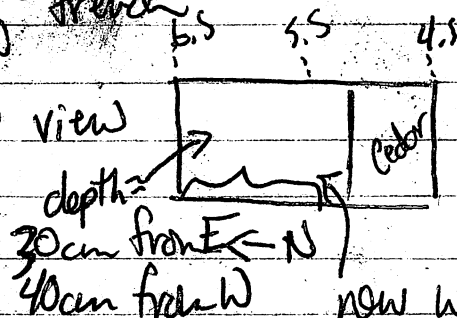
5m deeper than the other half
7.8 m to 8.4 m N of h. dat on

128E/87 - 4m S of 128E/85 - to the same level start depth is \approx 70cm until hit feature "Birch"
figure or acorn piece found

from now on I think I will start identifying which group of men is working on which lot. Doing this b/c I feel that Pilo and Neetaline are much more careful than the 2 new guys whose names are Julian Ponce and Basilio Gomez

128E/86 - found the top of a wall at \approx 40cm down from West wall of trench

final measurements - top view



2/26/86

128E/87 finish depth ≈ 90 cm from 50 cm
80 cm \times 40 cm around 7.5 m N 0-1 m E

128E/88 going down at 5.5 to 6.5 m N, 1 to 2 m E
to be able to find more of the Southern side
of Spruce

128E/88 3.5 to 4.5 m N, 1 to 2 m E of h. date
 ≈ 20 cm to ?
looking for more of "Aspen and "Spruce

note to 128E/87 - small deposit of ash found
at a depth of ≈ 80 cm at 8.1 m ^{$\rightarrow 7.5$ m} North,
1 m E of h. datum - a possible pit - high
concentration of sherds (large)

The most interesting part of feature Frijoles
is that the bayouque is all attached and has
sherds in it.

to continue ~~128E/88~~ and 88 tomorrow

128E/88 finished at ≈ 15 cm in S and 20 cm in N
stopped at rocks.

2/27/96

128E/89 - P+N continuing w/ this lot

128E/90 - B+J

working in 5.5 m to 6.5 m N, 1 to 2 m E
going to try and find the North side of
"Spruce" by coming at it slowly from the
North

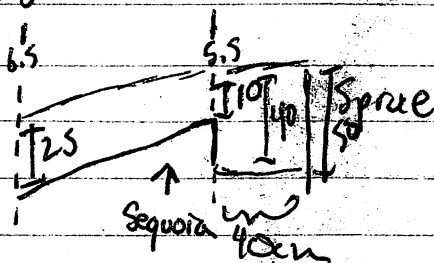
initial measurements - 15 cm in South, 20 cm in North
finding a large amount of flat stones that are just slightly
out of horizontal. May mean another wall beneath or
it could be just tumble from "Spruce-SN"
128E/90 - extended to 40 cm into the unit South of it
to ≈ 5.0 m to reveal "Spruce-N"

final measurements for 128E/89 depth ≈ 50 cm below grade
and ≈ 50 cm below "Spruce-S" and ≈ 25 cm below "Aspen"
at its Southern end.

128E/91 - 5.5 to 6.5 m N, 4 to 5 m E of h. datum
0 to ? P+N

going down here to find more of "Guanabana"

128E/90 - found another feature (possible wall) - "Sequoia"
final depths -



2/27/96

128E/92 - 5.5 to 6.5 m N, 2 to 3 m E of h. datum
O to -
B+J

128E/90 Down a little deeper than "Guanabara", we found the other side of said wall. We didn't expect to find a wall out this far from the center and this wall is large ≈ 90 cm wide

128E/91 - depth = 30 cm every where except the Western-most 20 cm, which is ≈ 20 cm deep and is part of "Guanabara"

note to 128E/90 - the area b/w "Sequoia" and "Spruce" was filled w/ tumble therefore we must assume that there were 2 walls w/in 1 meter of each other and in the b/w there was empty. What could this mean

128E/93 - 6.5 to 7.5 m N, 5 to 6 m E of h. datum
O to ?

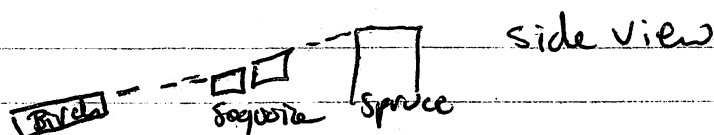
Attempt to follow more of "Guanabara"
P+N

128E/94 - 4.5 to 5.5 m N, 2 to 3 m E of h. datum
O to ?
B+J

128E/92 finish depth - 30 cm in N and 25 in S
*at this point we seem to be sitting on top of "Sequoia" - going S w/ 128E/94 to find more of "Spruce" and the edges of "Spruce" and "Sequoia"

2/27/96

General note - comments on "Birch", "Sequoia", "Spruce"
if you look at the angle of "Birch" it is almost
the same angle as "Sequoia" and if you
continue along the line made by these two you
hit the top of "Spruce"



Problem w/ this idea - Why would they do this? Btw
Sequoia and Spruce was filled w/ rubble which would
indicate it was an open space where things
fell apart. Was it a sort of retaining wall?

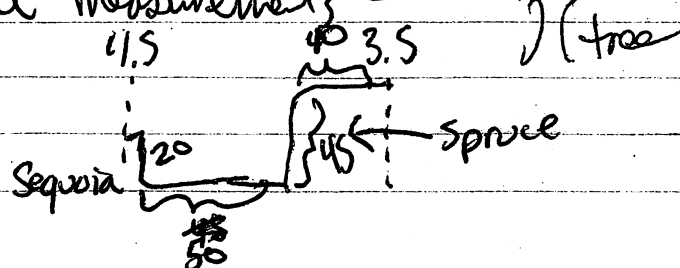
128E/93 - finish depth - 35 in W 20 in East
notables - line of rocks on N side of unit.
w/ large sherd just under edge

2/28/96

B+J are continuing w/ 128E/94

128E/95 6.5 to 7.5 m N, 4 to 5 m E of h. datum
O to ?
P+N

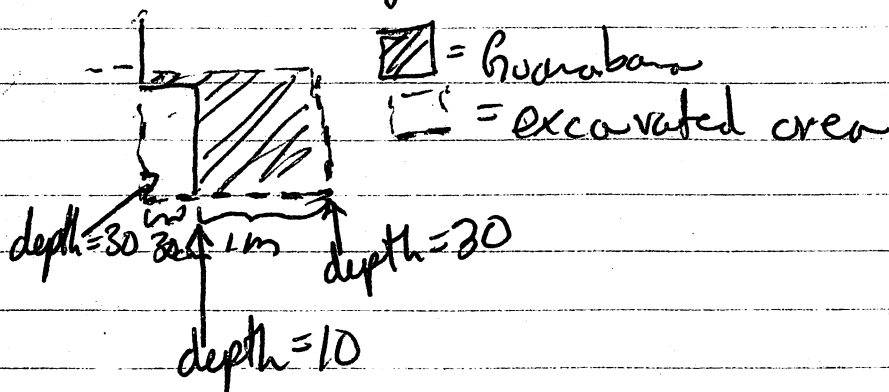
128E/94 - almost all of this unit included the
space bwn "Sequoia" and "Spruce"
final measurements -



2/28/96

128E/96 - 5.5 to 6.5 m N, 3 to 4 m E of h. datum
 0 to
 hopefully above "Sequoia"

128E/95 - found more of "Guanabara" -
 most of what is in 6.5 to 7.5 m N, 4-5 m E is
 "Guanabara" also extended and went down to
 find the edge of "Guanabara"



128E/97 4.5 to 5.5 m N, 5.5 to 6 m E
 0 to ?

128E/96 - found another wall running 1 to
 "Spruce" and "Cedar" - will be called "Maple"
 also extended to have more of "Spruce" $\approx 6.4 \text{ m} \times 1.0 \text{ m}$
~~and also the Eastern side of "Maple"~~

128E/98 - Eastern side of "Maple" should be inc.
 in 4-5 m E 5.5 to 6.5 m N - looking for distinct
 edge of wall - it's in there. (somewhere)

2/28/96

128E/98 - found the Eastern edge of "Maple"
the wall is only ≈ 60 cm wide.

128E/98 - no longer should this be combined -
it is a separate unit - 3.8m to 4m E, 5 to 6.5m N
all to a depth of 35cm below top of "Maple"

128E/97 - Extended to include all of 5 to 6m E
after the top of ~~5.5~~ 5.5 to 6 was cleared

128E/98 - finish depth - 35cm below top of "Maple"

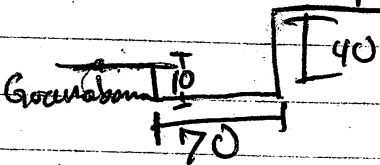
128E/99 - 6.5 to 7.5m N, 3 to 4m E of h. datum
0 to ?

"Guanabana" looks something like a patio - but a patio that was possibly made from a wall - there is only a small amount of space btwn. "Guanabana" and "Maple", where "Maple" is 35cm higher than "Guanabana" and it also appears as if "G" had an addition put on at a later date - There is also "Cedar" which borders "G" to the South and may have been added when "G" was made a patio.

"Sequoia" may be a bench.

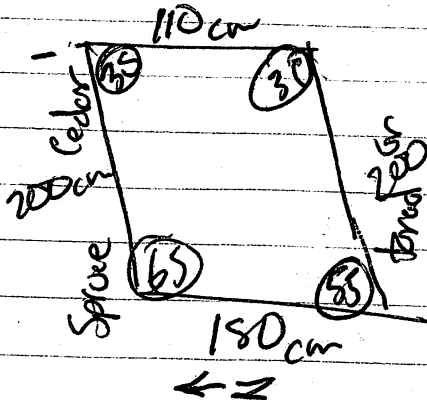
"Spruce" has been almost completely destroyed at the Western end of "Cedar" and Southern end of "Maple". "Cedar" may or may not have been part of "Spruce".

2/28/96
128E/92 - end depths
Ground



128W/01 The only part of "Spruce" that hasn't been found is on the Southern edge of the Eastern end, so for 128W/01 we are going to excavate btwn "toroder" and "Spruce/Cedar"

start depths -



mostly going to clean this up in hopes of clearing up "Spruce"

128E/99 - final depth ≈ 10 cm

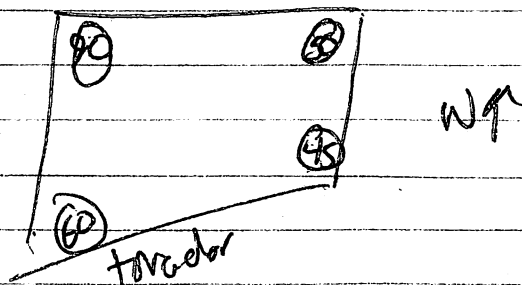
128W/02 - 6.5 m to 7.5 m N, 2 to 3 m E of h. datum

2/29/96 - cont. w/ 128W/01, 128W/02

128W/02 - depth 0 - 10 in N and 20 in S
- only went to stones - will return later
128W/03 - 6.5 to 7.5 m N, 0 to 2 m E of h. datum
0 to rocks
attempting to find more of "Sequoia"

2/29/96

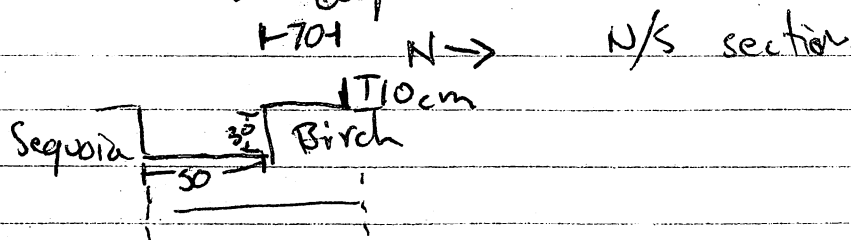
128W/01 - finish depth



128W/04 - 3.5m to 4m N, 2 to 3 m E,

0 to
southern half of tree unit
P+N are not happy

128W/03 - finish depth



~~128W~~ found more of Birch and it's much higher than what we found in the original trench

128W/04 - we should have found a terrace to run btwn "San Juan"/"Oak" and "torador" to hold back the earth like ~~2~~ these do. But we were only able to find a partial wall that runs Nish from the Western corner of "torador". There should have been something else because the earth next to "Aspen" is level w/ the top of "Oak", but the tumble in 128W/04 is lower indicating that there had to have been some way to hold that

2/28/96

dirt in place. There is nothing there now
so either the tree destroyed it or it was
removed on antiquity.

128W/05 - 6.5 to 7.5 m N, 2 to 3 m E of h. datum
10cm m N, 20cm m S to \rightarrow ?

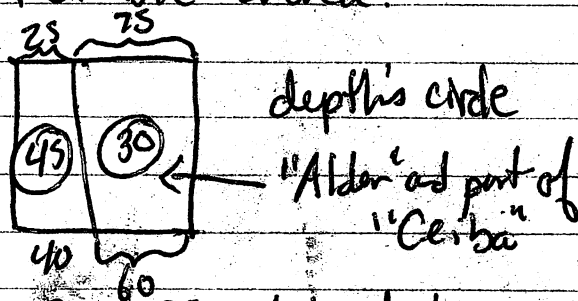
128W/04 - didn't find much - one possible, but very
ugly wall - labeled "E/m"

128W/06 - .5 to 1.5 m N, 3 to 4 m ~~W~~ E
O to stones

Looking for more of "Alder" and "Ceiba"
found more of "Alder"
there ~~is~~ is a very small amount of tumble
therefore I think that we may have a close
approximation of the height of "Alder"

128W/05 - found more of "Birch", but it appears
to end 50cm before it hits "Maple"
there is also a lot of tumble at this spot that
is below where the other tumble ended.
What could this mean

128W/06 - finish - depths



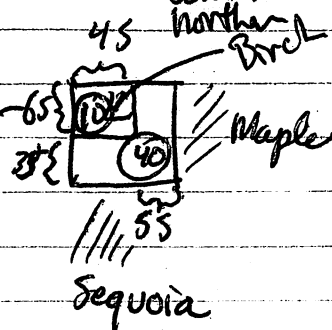
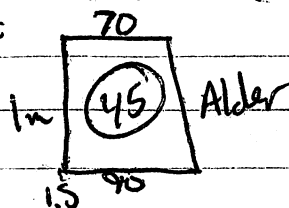
128W/07 - .5 to 1.5 m N, 1.5 to 2 m E of h. datum
O to

going to go towards the same depth as
the non-feature part of 128W/06 (\approx 95cm down)

32/1/96

128W/08 7.5 to 8.5 m N, 1 to 2 m E of h. datum
0 to* North of "Birch" and going down to stones to see if we can find the ~~lower~~ ^{top} edge of "Birch."

128W/05 - finish depths

128W/07 - went down to the stones \approx 40cm down and they were all askew so we took them out - there is basically only one layer of stones (small amount of tumble from "Alder")128W/08 - down to stones \approx 10cm - removing top layer of stones128W/07 - removed some of the stones in 128W/06 to make the depth an even 45cm from 1.5 m E to "Alder" \approx 

B+J aren't very good at finding walls - P+N on the other are very good at it and I never have to worry about telling them to clean up the wall or the removing part of it.

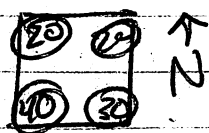
128W/08 - removing more tumble

128W/09 .5 to 1.5 m N, 4 to 5 m E of h. datum
0 to ?
"On top of "Ceiba"

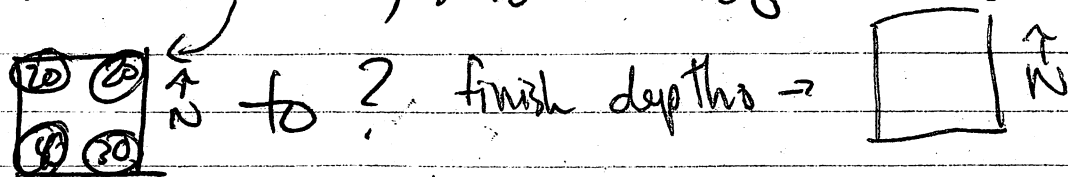
In the bottom of 128W/07 we found a line of rocks - probably nothing as it is not very regular, but it is worth mentioning

128W/08 - is a very difficult lot as there is a lot of tumble and the stones are rather large

128W/08 - finish depths



128W/107, 5 to 8.5 m N, ~~1 to 2~~ 1 to 2.5 m E of h. datum



told them to go down 20 more cm - will see what happens

128W/09 - finish depth - on top of "Ceiba"
and possibly the southern side of this structure

128W/11 - .5 to 1.5 m N, 5 to 6 m E of h. datum
0 to ?
hoping to find more of "Ceiba"

128W/12 - 7.5 to 8.5 m N, 2 to 3 m E of h. datum
0 to ?

128W/11 only to a depth of $\approx 25\text{cm}$

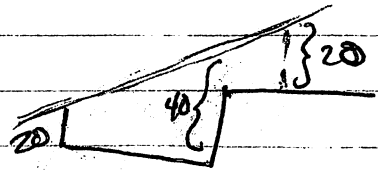
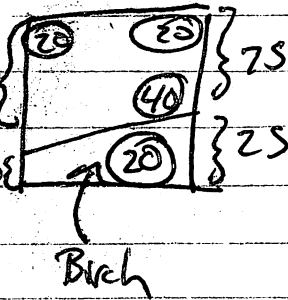
3/4/96

128W/12 - end depth $\approx 25\text{cm}$

128W/13 - 7.5 to 8.5 m N, 2 to 3 m E of h. datum
15cm to B+J

128W/14 - 1.5 to 2.5 m N, 5 to 6 m E of h. datum
0 to P+N

128W/13 - finish depth 25
note - no longer is there an
hole btwn. Birch and Maple, but
a spot where a large stone fell.

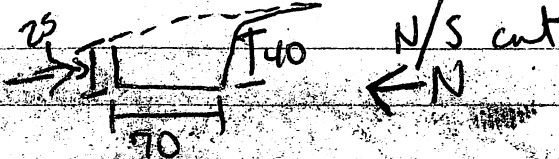


128W/15 - 7.5 to 8.5 m N, 3 to 4 m E of h. datum
0 to ?

128W/14 - finish depth = 25 in S and 30 in N
stopped right on top of Ceiba as planned - no tumble
shards + lithics

128W/16 2.5 m to 3.5 m N, 5 to 6 m E of h. datum
0 to
should be on top of torceder and Ceiba.

128W/15 - only 1 shard found above tumble - going to
continue down finish depth



128W/17 - 3.5 to 8.5 m N, 4 to 5 m E of h. datum
0 to ?

128W/16 down 20 cm to torador and Ceiba
torador at this point is much more disturbed
than it is to the west, this may mean it's
a corner or it may have been disturbed
or it may be something else. going to clear
around it to see

128W/18 - 3.5 to 4.5 m N, 5 to 6 m E of h. datum
0 to
N of torador and S of Cedar/Spruce

128W/17 - it looked like there might have been a
wall next to and paralleling Birch in this unit
but that turned out false. - picked stone "hatchet" found

128W/18 - we may have found another wall coming off
torador and offset to SE of Guanabara, but parallel
to it. the other option is that it may all be from
Spruce/Cedar which may have been a huge wall.
it is wide and the central wall

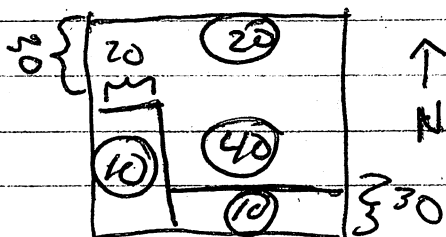
128W/18 - ~~finish depth \approx 20 cm on Eastern 10 cm~~
~~40 cm on West~~
will finish tomorrow

same w/ 128W/17

3/5/96 cont. w/ 128W/17 and 18

3/5/96

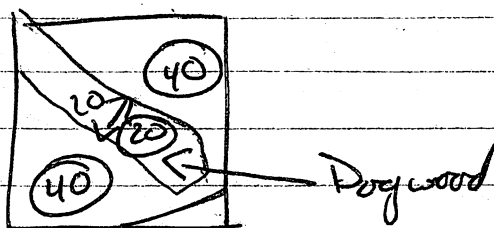
finish depths for 128W/17



128W/17 to the east of Maple - on top of Guanabara
 in 6.5 to 7.5 mN ~~4 to 5 mE~~ 4 to 5 mE
 could be combined w/ 128E/95

128W/18 - found an ugly and small wall in this lot
 it runs NW/SE coming from the corner of Cedar
 and Guanabara to torador. to be named "Dogwood"

128W/18 - finish depth -

128W/19 - finish depth - ≈ 30 cm below Maple

128W/20 - Along the back of Birch so as to reveal more
~~128W/20~~ - ok, I made the wrong decision - we should
 go down further on to the N of Birch
 and then come back in at it. Need to
 consult Ed - where is he. - going to have guys (B+S)
 do more somewhere else

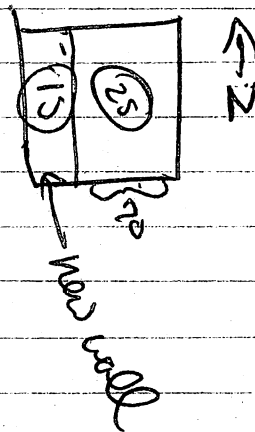
128W/21 2.5 to 3.5 mN, 0 to 6 to 7 mE of h datum

128W/22 - 7.5 to 8.5 m N, ~~4~~ to ~~5~~ m E.
 0 to 5 6

-this hasn't been the best day so far - the 2 new guys
 Julian and Baudilio are starting to doubt me and it
 really irritates me.

128W/21 finish depths -

found a new wall on
 Eastern side of Ceiba
 to be named Marañon



128W/23 1.5 to 2.5 m N, ~~4~~ to ~~6~~ m E of h. data
 0 to 6 7
 Pilot Neeteline

128W/24 0 to .5 m N, ~~4~~ to ~~6~~ m E of h. data
 0 to 5 6
 Carlos and Santiago

128W/22 - finish depth = ~~2~~ 20cm

128W/25 - 8.5 to 9.5 m N, 1 to 2 m E
 0 to
 Baudilio + Julian

128W/24 and 23 are further attempts to find
 more of the external structure/platform

128W/25 is an attempt to find more of Birch

3/5/96 cont.

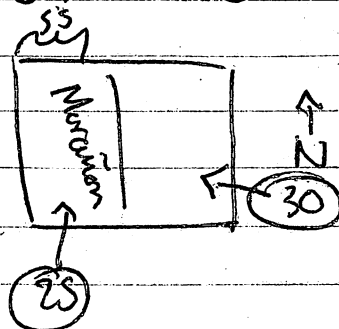
gained Carlos and Santiago b/c Briana went home sick

128W/24 - finish depth = 20 cm lithic + shreds
found new wall - on S side of Ceiba
to be called Walnut

128W/26 - 2.5m to 3.5 m N, 0 to 1 m W of h. date
O to
clearing out to go after the corner of Oak
and the resulting wall. C+S

128W/28 - finish depth

P+N



128W/27 - 5 to 6.5 m N, 6 to 7 m E
O to

above Moravian, Ceiba and hopefully Walnut

It's almost impossible to work w/ Julian + Baudilio
they work too fast when I am looking and too
slow when I'm not. They end up breaking things
and I don't want to lose any walls.

128W/25 - end depth = 15 in N 30 in S

had the stop to clear more, to the East.

128W/28 - 8.5 to 9.5 m N, 2 to 3 m E of h. date
O to ?

3/5/96 cont.

128W/27 - finish depth ≈ 20 cm
includes part of Morañon and Walnut (the SW corner of the 2).

128W/29 3.5 to 4 m N, 6-7 m E of h. data
0 to

128W/26 - finish depth
20 m S, 30 m N sherds lithics webbs

128W/28 - finish depth - 20 cm
no sherds

Plan for the day - Pib and Neetahine will continue clearing off the external structure that includes Torodor Alder, Walnut, Morañon and Ceiba. Baudilio and Julian are going to continue clearing of the tumble below Birch. after they clear it of dirt, hopefully we will be able to find the lower part of Birch as we move south.

128W/30 8.5 to 9.5 m N, 3-4 m E
0 to stones

All that is left of the secondary structure to uncover is a little at the SW corner, but I plan to go down next to Morañon first to ~~to~~ reveal the sides. Will include extending excavation horizontally.

1286/29 - finish depth = 25cm

128w/31 - going down beside Marañon to reveal more of it. exact dimensions to be measured when done

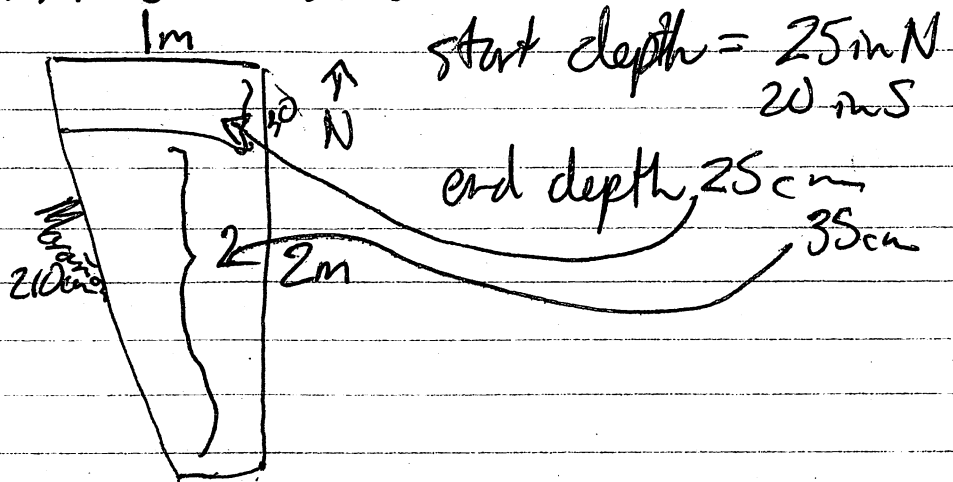
North limit is 4m N, E limit is 7m E, W limit is ~~4m~~ 10m W

in this unit we found what looks like a ~~part~~ part of a burnt insect nest, almost like a honeycomb but larger - definitely burnt earth.

128w/30 finish depth = 15cm

1280/32 8.5 to 9.5 mN, 4 to 5 mE of h. data
0 to stores

128W/31 finish dimensions



128w/32 finish depth = 15cm^{40cm}

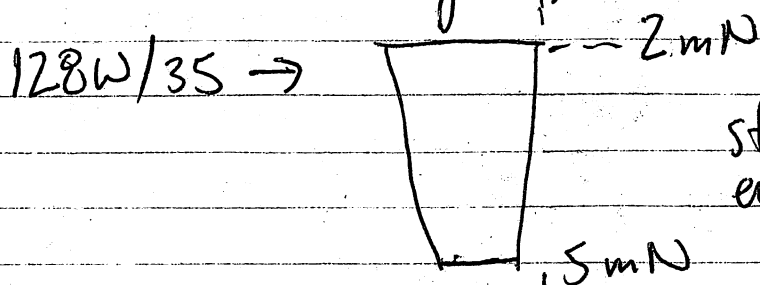
128W/33 - .5 to 2 m N, 7 to 7.5 m E of h. datum
of

128W/39 - 0.5 to 9.5 mN, 5 to 6 mE of h. data 0 to?

3/86/96 cont.

Ed says that there is probably a doorway that was filled in on Torador. He explains this by saying that the secondary structure of which it is a part may have once been a living area w/o a platform. When the platform was put in they filled in the door way. There may be another of these on Alder

~~128W~~ finish depth for 128W/33 = 25 cm
shards only 7mE



128W/34 - finish depth - 30 cm

128W/36 - removing tumble below Birch
measurements later.

128W/37 - 0 to 5mN, 6 to 7mE of h. datum
S. of Walnut
0 to 20cm

128W/38 - ~~40~~ 5mS to 5mN, 4 to 5mE
0 to 20cm

128W/36 from Birch to 9.5mN
from 1m to 1.5mE - to 20cm Nbg
and 60cm below Birch

128W/36 - start depth was 20cm bgs

128W/39 - Birch at $\approx 7.5m$ to $9.5m$ N, $1.5m$ E to ?
 $\frac{4}{5}m$ below Birch 20cm ^{rest} to

final measurements later
 trying to follow Birch and we think that there may
 be another wall in here somewhere.

128W/38 - final depth = 20cm

128W/40 - $.5m$ S to $.5m$ N, 3 to 4 m E of h. datum
 0 to $2\frac{5}{5}cm$ (to be measured later if not true)

128W/39 finish depth = 60cm below Birch and
 30cm bgs at $9.5m$ N

$1.5m$ E to $2m$ E
 sherds, lithic

plan for the day - Julian + Baudilio are going to
 move from the N towards Birch to try and find
 another wall that we think may be in there, which
 would account for such high amounts of tumble.
 Polo and Nectarine are going to finish clearing off
 the secondary structure.

128W/41 - initial depth = 10cm in N, ? in S
 limits?

128W/42 - 5 to $7m$ E, 0 m to Walnut
 20cm' to

128w/41 - 9.5 to 8.3 m N 2mE to 3m

side view

I 30

I 40 I 25

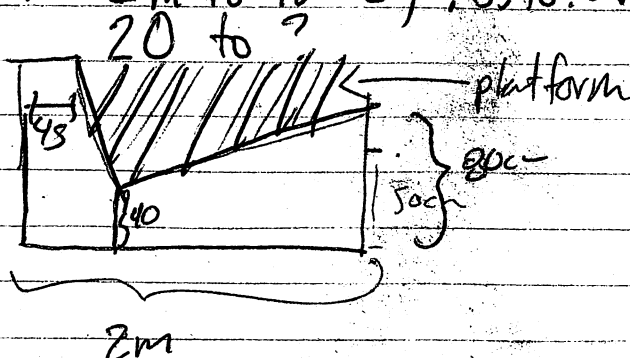
finish depths

start depth = 20c

128w/42 - finish depth = 35 cm bgs

35 80 0

128w/44 - 2m to 4m E, .55 to .5m of h. data



128w/43 - Clearing next to Birch to find Cannonball

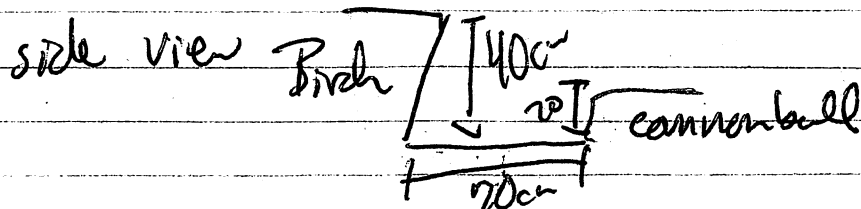
128w/45 - 3.5 to 4.5 m N, 0-1 m W
start depth = 20 in S, 30 in N

starting off as a bad day! It rained so, it's wet and hot and I forgot to get more lot cords!

128w/45 - quickly found 2 small chunks of petate and
and a chunk of mano
- finish depth = 35 in S, 50 in N → possible
possible wall taking up Western 30cm.

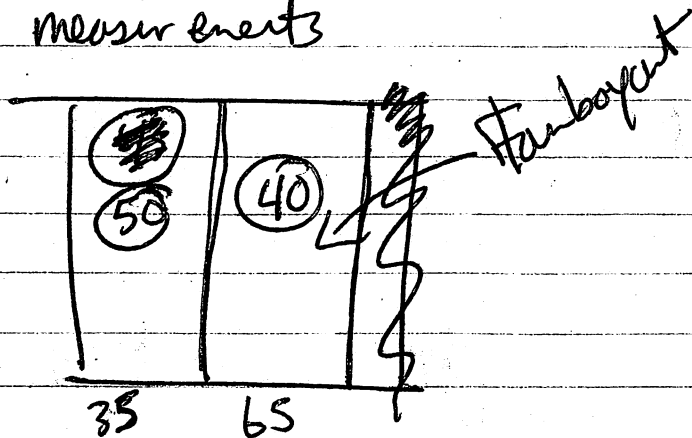
128w/46 3.5 to 4.5 m N, 1-2 m W, 0 to ?

3/8/96

128W/43 → measurements 2.4m to 4m E
8.1m N + 8.5m Ndepth = \approx 20cm below Birch to \approx 50cm below Birch

because both walls are sloped and the excavation base is irregular ~~there is a~~ the measurements are averages.

128W/46 - found a wall - named Flamboyant makes a right angle corner w/ Oak on the Western side.
measurements

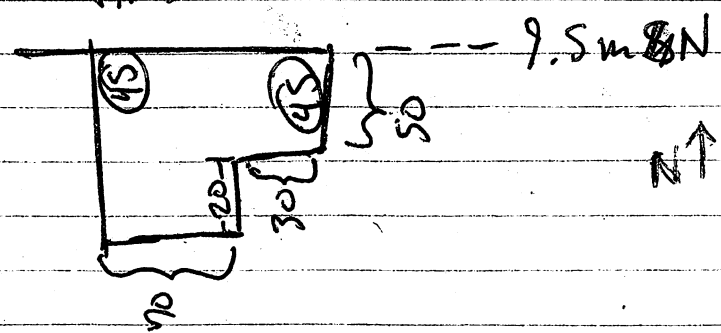


128W/47 - 0 to 1m W, 4.5 to 5.5 m N
0 to

128W/48 - Below Birch - B + J have obviously gotten into a part of the midden below
"Cannonball" - they found some bone - rather I find it as they were about ~~to~~ to throw it out

I haven't written much about 128W/48 b/c it has been a tough job to do, b/c there should be a wall here and there's lots of lines, but when we clean them off there seems to be nothing left

128W/48 - finish dimension



128W/49 - B+J are going further w/ the above unit

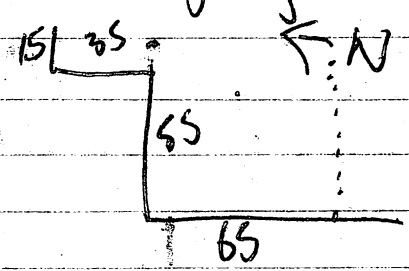
128W/47 - finish depth = 15 cm in N to 20 cm in S

128W/50 - 3.5 to 4.5 m N, 0 to 1 m W of h. datum
 15 cm in N, 20 cm in S.

128W/49 - found a large chunk of carbon.
 also found a change in dirt color - told them to go only down to that level

I don't want to use Bandolro and Julien any more for midden work. What can I going to do with them.

128W/50 finish depth -



①

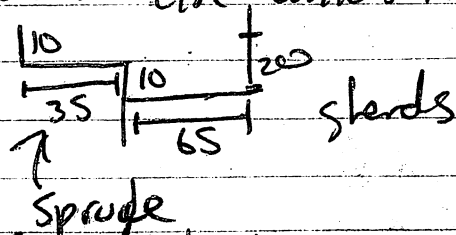
128W/49 - 2 pieces of ocarina found
one is very nice w/ a possible parrot face painted on it.

128W/51 - 3.5 to 4.5 m N, 1 to 2 m E of h. datum
0 to ?

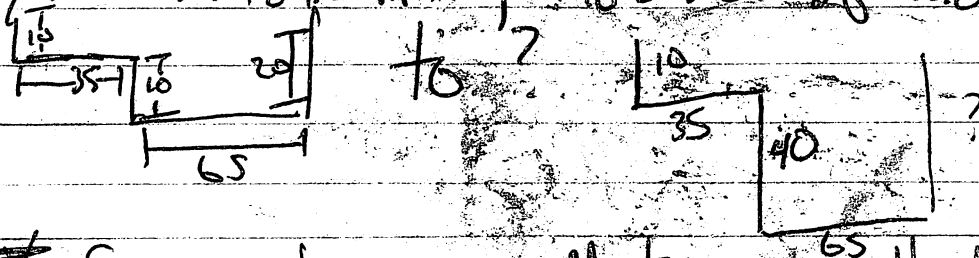
^{Pin}
I want the guys to do this unit in 3 lots
I believe, they understand what I'm telling them
first will take us from surface to $\frac{1}{2}$ way to
Flamboyant, the next down to Flamboyant and the
next down beside Flamboyant.

I'm going to have B+J do one more lot
then I'm going to put them somewhere else unless they
prove themselves soon.

128W/51 finish depths —————>



128W/52 3.5 to 4.5 m N, 1 to 2 m E of h. datum



~~128W/52~~ Spruce changes wall types - will draw pictures

128W/49 - 8 to 9 m N, 1 to 2 m E

20 cm deep lot - from \approx 60 cm below
Birch (slopes down hill - S to N)
3 bags shreds, ocarinas, bone, carbon

96-88-76
5

128W/53 down beside Flamboyant to the S of Spruce
44cm x 44cm
depth \approx 30cm bgs to 50cm bgs
2m

128W/54 - 45cm x 95cm (E/W dimension)
8m N
95cm
45cm N

start depth = 60cm below Birch.

started this unit on 3/11/96 - found some human
long bones along w/ some teeth - Jamie and Susan
will help me excavate it on 3/14/96
also found lots of pottery

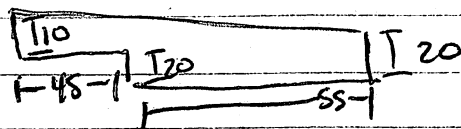
128W/55 - 7 to 8m N, 0 to 1m ~~W~~ h. datum
0 to

throwing of the units here b/c we need to
go down above and N of Birch to find it's face

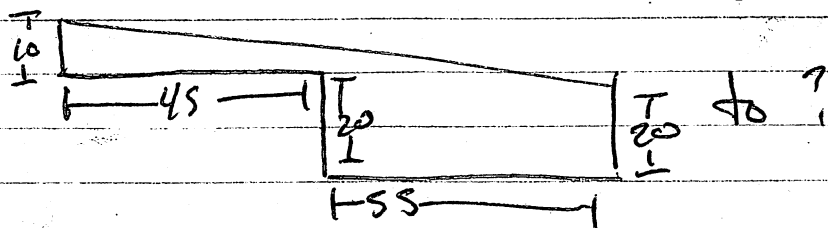
128W/56 3.5 to 4.5 m N, 2 to 3 m E of h. datum
0 to

Plan for day: I feel lucky that we hit that burial
b/c now I can take B+J out from there. I'm going to
try and have them follow Birch to the West. P+W are going
to keep following "Spruce" to see if it goes further to the
West.

128W/56 - finish depth - NK

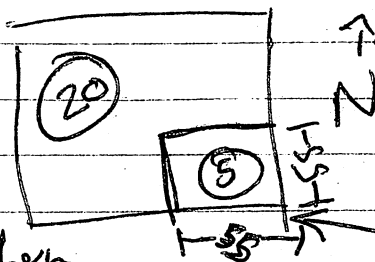


128W/57 3.9 to 4.5, 2 to 3 m W of h. datum



128W/55 finish depths

I also see 2 possible lines in 128W/55 one on the Southern wall and one on the North wall

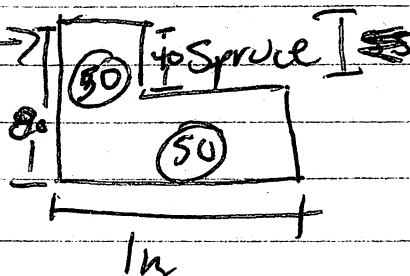


corner of Birch

going 1 m S to look at that wall b/c it looks the most promising

128W/58 - 6 to 7 m N, 0 to 1 m W of h. datum
should also find Western side of Teak.

128/57 - finish depth



lots o' sherds

" " lithics - 1 chunk of obsidian

128W/59 - 3 to 3.5 m W, 3.5 to 4.5 m N
0 to

128W/59 finish depth = 25cm

128W/60 3 to 3.5 m W, 3.5 to 4.5 m N
25 to ?
to 50cm
shards, lithics

128W/58 finish depth

0 to 25 m S, 20 m N

worked on 128W/54 for a little today!

128W/61 - 7-8 m N, 1 to 2 m W
0 to ?

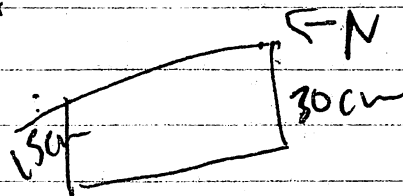
128W/62 - 3.5 to 4.5 m N, 3.5 m to 4 m W of h-ditch
0 to 25cm

Ed says that \approx 2-3 m W along 4.3 m N isn't
really a wall - I believe him - We'll have to ~~take~~
take it apart.

Plan for the day! - I'm not really sure that
we have one. Phil + Neelaine were following Spruce out,
but we seem to have lost it, while the tumble continues.
I'm going to have them try and find it again.
While Bawdileo + Julian are going to continue to
search for Birch and Teak.

128W/61 - finish depth

128W/62 - to 45 cm



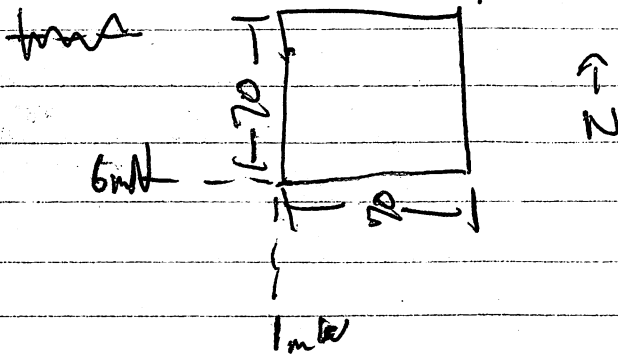
128W/61b 6 to 7m N, 0 to 1m W,
looking for Teak and Birch once again -
trying to find S side of Birch + W side of Teak.

128W/64 4.5 to 5.5 m N, 3 to 4 m W of h. datum
0 to ?

20 in W, 10 in E
went down further in the West b/c we were going
to go down in the west and work our way
east to find walls, but it turned out there wouldn't
be enough room to work, so were going to move a
whole unit farther west.

128W/65 - 4.5 to 5.5 m N, 4 to 5 m W of h. datum.
0 to ? 20

128W/61b finish depth = 25 cm to 40 cm



128W/63 3.5 to 4.5 m N, 3.5 to 4 m W of h. datum
25 cm to 45 cm

128W/61b 5.6 m N, 0 to 1 m W of h. datum
0 to

128W/67 - P+N working next to Spruce - at least we
think so - more -

I think we found a whole or large part of a whole part of a pot in 128W/67

3/14/96 - continuing w/128W/67 for Pilo + Nectaline

Plan for the day - P+N are going to continue looking for Spruce (if it's there), B+J are going to follow Teak some more + Jaime is here to help w/ the burial excavation.

dimensions for 128W/67 - every thing in 3.5 to 4.5 m N, 2-4 m W that wasn't excavated before to a depth of 50 cm

128W/69 5 to 6 m N, 0 to 1 m W

10 cm to → 25 cm - E/W dimension is more like 2-1 m

128W/70 4.5 to 5 m N, 2 to 3 m W of h. datum
0 to

128W/69 - ^{Teak}~~Spruce~~ is on East side of unit and there is also something on the near the middle. Going South to find + follow Teak and possibly Spruce.

128W/71 - 4.5 to 5 m N, 0 to 1 m W
0 to 30

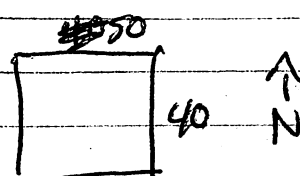
128W/70 - ~~10~~²⁵ cm deep
sherds + lithics -

128W/72 - 4.5 to 5 m N, 2 to 3 m W of h. datum
0 to ?

128W/72 - finish depth - 50cm
sheds & lithics

128W/73 - P+N working around Spruce!

128W/73 - dimensions \rightarrow 4.5mN



depth = \approx 55cm bgs

2m W

128W/74 - 4.5 to 5mN, 1 to 2mW of h. data
0 to 10cm

I've got a moment to spare only b/c Heather is helping Jaime at the moment.

J+B - have ~~uncovered~~ uncovered Teak nicely, but having problems w/ the back of Spruce. Probably b/c of proximity to a rather large tree root.

128W/74 - very few sheds, but 3 pieces of lithic

128W/69 - finish depth 20cm in W, 25cm East
 \uparrow below Teak

actually end up \approx 4.2 to 6

128W/75 - P+N next to new wall going North from spruce - to be called Tamarak

128W/76 - 6 to 7mN, 1 to 2mW 0 to 2,

128W/75 4.5 to 5m N, .6 to 1m W
0 to 5S

~~not~~ east side 0 to .6m W is taken up by Tamarak

128W/77 - w/in 4.5 to 5.5m N, 2 to 3m West.

128W/76 finish depth 10cm. looks like Tamarak may be on the Eastern side of the unit,

128W/54 - Burial - see burial notes

128W/78 - 6 to 7m N, 1 to 2m W

128W/77 - leveled off to 30cm - see above lot for specifics

128W/79 - Working \approx 3m W, 5. ~~5~~ m N

This lot is ~~using~~ not useful for stratigraphic reference b/c they took from \approx 20cm and from \approx 50cm

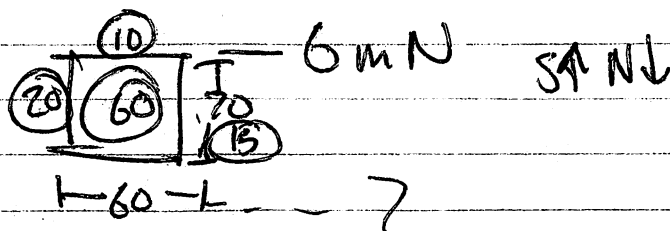
128W/80 - 5 to 6m N, 2 to 3m W of h. datum
0 to

Plan for the day - We're working in pretty close quarters as we are all in a 2m x 3m rectangle. I'm going to have B+J work South on Teak and Tamarak and P+N will work North on the new structure along "chachalaco" (the N/S running wall), ~~the~~ Name of other wall is "Fig".

3/15/96 -128W/78, 80

128W/78 - finish depth for West = 30, East = 15
almost whole lot came down on top of
Tamarak.

128W/81 start depth \approx 60 in deep over in middle
of Teak, Birch, Tamarak and another possible
wall to the South.
end depths



128W/80 - finish depth = 30

128W/82 - 5 to 6m N, 2 to 3m W 30cm by 30cm to 55cm
65cm in N

128W/83 - 5 to 6m N, 1 to 2m W, 0 to

128W/84 - 9.5m to ? 2 to 3m East
25cm to

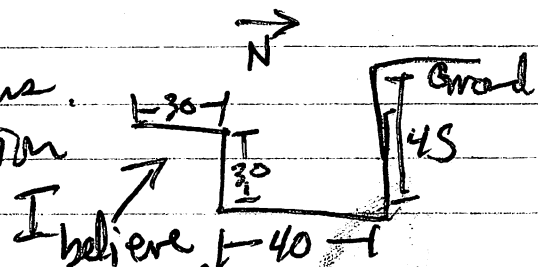
I also drew a profile of Spruce btwn Aspen and
Tamarak to show the difference in 2 different
constructions.

128W/84 is being done by Kiki and Carlos, 2 of
Be's workers that she can't use b/c she's almost done.
- we may have actually found something N of Birch.
going to have them go further East following the
possible line of Cannonball.

128W/83 - shreds, fibres - western 60cm to 25 - East to 10
East is over Tamarak.

128W/85 - 5 to 6m 1 to 2m W 25cm in ^{Western} 60cm

128W/84 - finish dimensions.
2 to 3m N/s section



128W/86 3m E to ? 9.5m N to ?
start depth \approx 5cm bgs (Northern Wall)

will finish 128W/81 finally - large lot
btwn 1m W and Tech - 7.5m N to 5.5m N

3/18/96 -

- Corks and Kiki are continuing w/ 128W/86
- remember to check keep - this is the second.
- Pilo + Nectaline are continuing w/ 128W/85
- Baudilio and Julian are continuing w/ 128W/81
trying to reveal the true ^{East} side of Tamarack

128W/86 - 3m to 4m E 9.5m N to 9.0m N
15 to 50cm deep

- finish lot here b/c we're having a very
difficult time finding exactly where Cannonball
is. going another 50cm N, from 4 to 5m E

128W/87 - 4 to 5m E, 10 to 9.5m N 0 to

128W/85 - finish depth 60cm in Western 60cm.

no 96-85-84
non-existent

96-85-8
-85

128W/88 - 6 to 7m N, 2 to 3m W
0 to

128W/81 - finish depth - 6 to 16m W 4.5 to 7m N
end depth - 40cm -

128W/89 - 8 to 8.5m N, 0 to 2m W of h. data
0 to

128W/81 - took out part of Tamarack - B+J
missed it totally - - that's ok we still have
part of it.

128W/87 - KHC; 88 - P+N; 89 - B+J

128W/89 - finish depth = ~~15cm~~ 15cm

128W/90 - 7.5 to 8.5m N, 2 to 2m W
right below Birch - looking
for the base of Birch and if there is a terrace
coming off from it, start depth - 15m N, 20m S

128W/87 - finish depth 20cm below gs

128W/91 - 10m N to ? 4 to 5m E, 15cm to ?

128W/88 - 0 to 20cm - sherds & lithics

128W/92 - btwn Chachalaco and ~~the~~ Tamarack
20cm to ?

128W/91 - 8.8 to 10m N, 4 to 5m E 15cm to 30m N, 50m S
net to bag - sherds

128W/92 finish - 6 to 7m, 2 to 3m W, 45 except Western
30cm, where it is 15cm

128W/90 - finish depths. in N 25cm bgs
in S 40cm bg Birch.

128W/91 - P+N - 8 to 7 m N, 2 to 3 m W
0 to

128W/92 - 8.5 to 7.5 m N, 0 to 2 m W B+J
20 bgs in N, 40' below Birch in S

128W/93 - K+C - 9 to 8 m N, 4 to 5 m E of h. datum
start depth = ? - see prior lots
end depth = 70cm below Birch - mano + sherds

sr1 → 128W/96 - 4 to 5 m E, Birch to 8 m N of h. datum
30cm below Birch to → 60cm
found the Northern side of Birch at this point
and it actually has a nice wall, which I
wasn't expecting b/c it seems to be a later
addition at this point.

sr1 → 128W/95 - finish depth = 30cm bgs in N, 50cm below
Birch in South

128W/97 - 4.5 m N to 5.5 m N, 4 to 5 m W of l. ditch
B+J 0 to ~~40cm~~

128W/98 - K+C are going to go down next to
Maple ~~also~~ through Guaraniana to
see how deep it goes.

128W/94 - finish dimensions. - 40cm deep (bgs.)

128W/99 9.5 to 8.5 1m E to ?
depths later. - found a part of what I think is a frog

128AJ/01 - K+C next to Teak w/in addition
- exterior side - to find bottom.

128W/98 - finish = 45 x 40 x 35

128AJ/01 - 20 x 30 cm x 25 cm (deep)
starts \approx 40 cm below Teak.
- sherds lithic

128W/99 - finish dimension - 45 cm bgs (South) to 60 cm

128AJ/02 in the corner of Spruce + Aspen
35 cm x 30 cm - 10 cm deep.
bone + sherds

128W/97 - finish depths = 15 m S, 20 m N

128AJ/03 - next to Birch - NW spot.

128AJ/04 - B+J - 4 to 5 m W, 3.5 to 4.5 m N
15 cm m S, 20 m N to \rightarrow

128AJ/05 - P+N - 8.5 to 7.5 m N, 1 to 2 m E

128AJ/03 - 40 cm below Birch - 30 x 30 x 15 cm (deep)
few sherds - lithic (obsidian blade)

128AJ/06 - next to corner of Walnut + Alder
to determine how deep the wall goes.

~~128~~ 3/20/96

128 AS/05 - definite change in soil color and texture - there is a definite change but it is hard to tell exactly where the change occurs. - where does the change occur?

128 AS/06 - starts \approx 40cm bgs
35 x 40 cm x 15cm (deep)
few sherds

128 AS/07 - corner of Maration + Torador
starts 40cm bgs
30 x 30 x 10cm deep.
sherds only

128 AS/08 - middle of Torador
starts 35cm below Torador
30 x 30 x 10cm deep - sherds only

128 AS/09 - middle of Alder
starts \approx 30cm below Alder
30 x 30 x 10cm deep - no sherds

128 AS/10 - next to Tamorak -

I talked to Ed and we decided that the soil change occurs further up and is probably a depositional layer that occurred before the Building was created, b/c it seems to go under the wall Birch.

128AJ/10 - finish dimensions -
starts 50 cm below top of Tamarak.
30 x 40 x 10 cm deep - sherds only

128AJ/11 - btwn Sequoia and Spruce.
to find out the relationship btwn the two features

128AJ/05 - finish dimensions - sherds
80 cm below Birch to 100 cm jute
actually only 1 to 1.8 lithics

128AJ/12 - .2 to 1 m E, ⁷1.5 to 8.5 m N of h. date

128AJ/12 - finish dimensions - depth -
start = 70 cm below Birch
end = 80 cm " "
2 bags sherds + 1 lithic (obsidian)

128AJ/04 - finish depth = 40 cm
sherds, 4 small pieces of obsidian

128AJ/13 - .2 to 1 m E, ⁷1.5 to 8.5 m N
80 cm below Birch to ? 10 cm more

128AJ/14 - 3 to 4 m W 0 to 1 m N
0 to
sherds, lithics, part of a figurina

128AJ/15 - 10 cm below AJ/13
also found part of a figurina. in this lot
soil sample taken. - also noticed 3 different soil
types - One is what we've been digging through all along

the second level is a soft ashy layer lighter than the others

the lowest one has tons of small carbon particles all through it and has more coarse grains (larger) - darker brown - note these were noticed before everything was dry so that may account for part of it.

128AJ/11 - finish dimension 50x40x35cm deep
bone, sherds, lithics starts 40cm below Spruce

128AJ/17 - 10-11m N, 0 to 1m E of h. datum
1m in S, 85 in N to →

128AJ/16 - interior of Alder + Walnut
removing part of Ceiba to see what is
underneath - not much - it looks
as if sterile soil was used or fill in
this structure
40x50x20cm deep.
sherds only

128AJ/14 - 25 cm deep (finish depth)
end depth of 128AJ/17 - 95 in N, 110 in S

128AJ/18 - 10-11m N, 0 to 1m E
95 in N, 110 in S to - 100 in N, 115 in S

sherds, lithics
128AJ/19 - ~~4 to 5 m~~ 3 to 4m W,

128AJ/20 - 10 to 11 mN, 0 to 1 mE of h. datum,
195 m S, 100 m N to 130 m S, 115 m N

128AJ/21 - 10 to 11 mN, 0 to 1 mE
130 m S, 115 m N to → 140 m S, 125 m S

128AJ/19 - 3 to 4 mW, 6 to 7 mN
0 to 30 cm
sherds

On Eastern side lies chechbaloco
sherds, lithics

128AJ/22 - B+J in Tamarak

128AJ/23 - 10 to 11 mN, 0 to 1 mE
140 m S, ~~to~~ 125 m N to 150 m S, 135 m N

128AJ/24 - 5.5 to 6 mN, 3 to 4 mW
0 to 20 cm
sherds only

128AJ/22 - finish dimension - 0 to 40 cm below
to p of Tamarak.
found out that Tamarak actually has
2 parts to it

128AJ/25 - 10 to 11 mN, 0 to 1 mE
150 m S, 135 m N to →
no sherds

notes to final dimensions + construction notes
 feature name - just that - all have been named
 after types of trees
 # depth - distance (vertical) to the base of the
 feature from a datum point
 height - distance to the highest point on the feature
 from a datum
 width - widest and in parenthesis the thinnest
 if there is nothing in () the the feature
 is pretty even
 length - implies the longest dimension that
 can be measured for the feature - for
 walls this will be from exterior corner
 to exterior corner
 type of construction - most constructions in this
 structure are made from cobble w/a
 few bajareque features -
 orientation - determined using a string from
 corner to corner and using a compass to
 measure from there
 adjoining features - names of adjoining features
 in parentheses will be where that feature
 joins the ~~one~~ named feature and which
 way it goes
 points shot w/ transit - point #'s that were used
 in the site plan

| feature name | depth to bottom (cm) (h_1) | height of feature (h_2) | beard real height (cm) ($h_1 - h_2$) | width of feature (cm) | length in (m) | orientation |
|--------------|--------------------------------|-----------------------------|---|-----------------------|-----------------------|------------------------|
| Birch | 102 cm | 34 cm | 68 cm | 70 cm (60)*43 | 6.68 m | 70°/250° |
| Maple | 89 cm | 26 cm | 63 cm | 63 cm | 3.25 m | 160°/340° |
| Teak | 88 cm | 5 cm | 83 cm | 67 cm | 3.40 m | 160°/340° |
| Spruce | 81 cm | 16 cm | 65 cm | 94 cm *52 cm | 5.70 m | 70°/250° |
| Sequoia | 53 cm | 25 cm | 28 cm | 52 cm | 2.40 m | 60°/240° |
| Tamarak | 71 cm | 14 cm | 57 cm | 82 cm | 3.40 m | 160°/340° |
| Guanacaste | 81 cm | 53 cm | 28 cm | 49 cm | .80 m | 160°/340° |
| Oak | 78 cm | 60 cm | 18 cm | 68 cm *28 cm | 3.41 m *1.74 m | 70°/250° |
| San Juan | 66 cm | 40 cm | 16 cm | 53 cm (40) cm | .65 .65 | 88°/260° |
| Aspen | 63 cm | 11 cm | 52 cm | 43 cm | 1.00 m | 170°/330° |
| Cedar | 89 cm | 35 cm | 54 cm | 56 cm | 1.40 m | 60°/240° |
| Guanabana | 74 cm | 57 cm | 17 cm | 60 cm *88 cm | 1.55 m * | 160°/340° |
| Cannonball | 119 cm | 55 cm | 64 cm | 80 cm (50 cm) | 2.10 m | 60°/240° *150°/330° |
| Marañon | 90 cm | 55 cm | 35 cm | 40 cm | 3.09 m | 145°/325° |
| Torador | 87 cm | 39 cm | 48 cm | 39 cm | 3.15 m | 50°/230° |
| Alder | 92 cm | 55 cm | 37 cm | 44 cm | 3.05 | 150°/330° |

| feature name | depth to bottom (h_1) (cm) | height of feature (h_2) below datum (cm) | real height ($h_1 - h_2$) | width of feature (cm) | length in (m) | orientation |
|--------------|-----------------------------------|--|--------------------------------|--------------------------|------------------|--------------------------------|
| Flamboyant | 79 cm | 50 cm | 29 cm | 71 cm *38 cm | 2.34 m *200 m | 160°/340° |
| Walnut | 87 cm | 58 cm | 29 cm | 48 cm | 3.39 | 50°/25° 70°/280° |
| Ceiba | 79 cm | 69 cm | 10 cm | 2.00 m | 2.50 m | 40°/220° |
| Elm | 76 cm | 53 cm | 23 cm | 21 cm | 1.30 m | 140°/320° |
| Dagwood | 87 cm | 57 cm | 30 cm | 34 cm | .96 m | 100°/280° |
| Fig | 64 cm (46) | 51 cm (21) | 13 cm (25) | 48 cm | *2.50 cm | 70°/250° |
| chachalaco | 64 | 38 cm | 26 cm | 38 cm | 3.29 | 160°/340° |
| frijoles | 140 cm | 129 cm | 11 cm | 25 cm | .60 m | 60°/240° |
| fir | 120 cm | 110 cm | 10 cm | 33 cm | .41 m | |
| mahogany | 112 cm | 101 cm | 11 cm | 24 cm | .41 cm | |

Feature - Birch

Construction - cobble wall
related features

Teak - outside corner of Birch and Teak occurs
1.5m from west end of Birch and runs towards
the south - similar construction style

Maple - outside corner of Birch and Maple occurs
1.2 m from east end of Birch and runs
towards the south - similar construction

Guana bana - forms eastern-most corner w/Birch
then runs south - non-similar construction

Cannon ball - intersects .6 and 2.5 m from eastern-most
point of Birch and ~~then~~ forms a U-shape
to the North. - non-similar construction

Tamorak - forms western-most corner w/Birch
then runs South - non-similar construction

General Notes - Birch has similar construction
to Maple, Teak, Spruce and Sequoia, except
the eastern section from Maple east, where the
construction is somewhat similar but obviously a different
construction phase because of the nice corner created
by Maple + Birch. From Teak west is also a
different construction both because it is separated
by a nice corner made by Teak and Birch and because
it is obviously a different style of construction.
Birch has slumped quite significantly because
of its proximity to the depression. Part of it
has been partially retained through the use of

Cannonball as a partial terrace and/or room.

Maple -

Construction - cobble wall
related features

Spruce - The southern end of Maple makes a corner with Spruce, which runs to the ~~west~~ West.
Cedar - ~~runs~~ At the southern end of Maple, Cedar runs to the East.

Birch - At the Northern end of Maple Birch makes a nice corner w/ Birch that heads to the west. It also goes to the East, but is a different type of construction.

Sequoia - Sequoia starts in the center of Maple and runs to the west.

General notes - As stated in "General Notes" for Birch, ~~the~~ Maples construction is similar to Birch, Sequoia, Spruce and Teak. The corners that it makes w/ Birch and Spruce are obviously very nicely constructed.

Teak

construction type - cobble wall
related features

Spruce - Teak makes a nice corner w/ Spruce at Teak's southern end where Spruce continues both to the east and west

Birch - Teak makes a nice corner w/ Birch at Teak's northern end which heads to the east. Birch also goes to the west, but is probably a later addition.

General notes - Teaks construction of large cobble is similar to Birch, Spruce, Sequoia, and Maple. I believe this to be one of the first walls constructed along w/ the other 4 named above.

Spruce -

construction type - cobble walls
related feature -

- Teak - Teak starts 1.5 m from the western end of Spruce and runs to the north.
- Tamarak - Tamarak starts at the Western-most point of Spruce and runs to the North
- Aspen - starts 2.3 m from the western-most point of Spruce and heads to the south
- Maple - starts at the eastern-most point ~~end~~ of Spruce and runs north.
- Cedar - starts at the eastern-most point and runs to the east, actually an extension of Spruce.

General Notes - Spruce has similar construction to Teak, Maple, Birch, and Sequoia (that is large stones in somewhat horizontal layers w/ small stones filling in the other spaces. From where Spruce meets Teak to the west is a different construction phase, identified by the nice corner w/ Teak and a change in construction technique to stones, which in profile look small but in top view look large - they are all very flat. The construction on this wall is the same type, but of lower quality than Tamarak, which I believe may

be accounted for by the tree found just inside Spruce.

Sequoia -

construction type - cobble ~~with~~ bench

associated features -

Maple - at the East end of Sequoia, it butts up against Maple, which extends both to the North and the South.

General notes - Sequoia forms a bench with the same type of large cobble construction as Teak, Maple, Birch and Spruce and ~~forms~~ a lies surrounded by those 4 walls, touching only Maple, but once may have also butted up against Teak. ~~The~~ The depth of Sequoia is small relative to its four contemporaneous features. I believe the four walls were put up, filled partially in and then the bench was built upon that. It now slopes towards the North and the depression.

Guanacaste - cobble wall

associated features -

Oak - Oak is at the Northern end of Guanacaste and runs to the west

Flamboyant - also is at the northern end of Guanacaste but ~~doesn't run~~ runs to the north after a slight step to the west.

General notes - I believe Guanacaste to be one of the latest constructions, because of

it over laps Oak and its addition, which was a later construction. It is also more of a jumble of rocks than a wall, but it was definitely culturally created. Could this be some sort of block for wind or the view of others?

Tamarak -

construction type - cobble wall

associated features -

Spruce - starts at the southern-most point of Tamarak and runs east

Birch - starts at the northern-most point ~~on~~ of Tamarak and runs East

Flamboyant - starts at southern-most point and runs South.

General notes - The construction method is similar to the western part of Spruce from Teak ~~west~~ and the western part of Birch from Teak ~~west~~, though it is a better quality wall than the other two. This wall was built in 2 different stages - The first one was built as an extension of the first building (Teak, Spruce etc...) and was built on top of ~~Oak~~ ^{Flamboyant}, using its westward ~~facing~~ face as its own and building it up to a wall the same height as the others. This ^{stage} also included the building of the western parts of Birch and Spruce. The second stage included adding on to the west of Flamboyant and Tamarak. The 2 faces of these additions

line up very nicely. Flamboyant, however, stays a terrace and is now only one stone high and Tamorak is a full wall made out of long flat cobble with flattest side up (or down).

Oak -

construction type - large cobble terrace.
associated features -

San Juan - starts at the eastern-most point of Oak, set to the North and above Oak, but running parallel to the west.

Guamucaste - starts at the western-most (w/in 20cm) and runs to the South.

Flamboyant - starts at western-most point and runs north.

General notes - The initial stage of Oak was probably one of the first construction along w/ the first stage of flamboyant to ~~to~~ create a terrace at the front of this structure. I believe that Oak may have originally extended further east, but is gone now due to an unknown disturbance. The second stage was built onto when Flamboyant was added to, as they make a nice corner on the exterior of the first two stages. The second stage, however ~~does~~ doesn't extend to San Juan, but stops short. does this mean that the builders didn't want to go near that area because it was already something, like a step? see San Juan, Aspen & Elm.

San Juan

type of construction - cobble step?
 associated features -

Oak - San Juan runs parallel to Oak with
 Oak slightly below and to the South.

~~General notes - San Juan~~

Aspen - San Juan does not touch
 Aspen but if one was to imagine a right
 angle at the western end of San Juan,
 it would then line up w/ Aspen

General notes - ~~San~~ San Juan doesn't line up
 perfectly with much, except that if Aspen
 came out further it would math up and
 make a right corner. This leads me to
 believe that once these two ~~was~~ features may
 have been ~~one~~ one construction. My theory is that
 since there appears to be no way that
 the people could have gotten onto the main
 platform that this could have made up
 the initial step and one of the side walls. I also
 believe that Elm may have been a part of
 this and that this whole area was once
 disturbed by a relatively large tree.

Aspen -

construction type - cobble wall
 associated features -

Spruce - ~~S~~ Aspen butts up against Spruce approximately
 2.3 meters from the Western end of Spruce
 San Juan - doesn't touch Aspen, but if extended

a little further Aspen + San Juan would make a nice right angle with San Juan heading to the east.

General notes - Aspen is made out of relatively small cobbles - see section drawing () and is relatively thin. It has no complimentary walls that would tell that it was a room. It does, however, have San Juan and because of the way they lie and the lack of an entrance into a structure that was at least 58cm ~~high~~ up from ground surface (Top of Teak - bottom of Aspen) which is much too high to take in one step. Therefore, I believe that Aspen + San Juan would be part of a stairway. I do, however, have some doubts because I don't know exactly what a stairway would look like.

Cedar -

construction type - cobble wall

associated features -

Maple - from western side of Cedar heading North.

Guanabana - from eastern most point of Cedar heading North

Dagwood - from eastern-most point of Cedar heading south-east

Spruce - starts at western-most point and from there heads west.

General notes - Cedar is a wall that is actually an extension of Spruce that is of the same construction phase as the initial Guanabana and

the eastern-most part of Birch (to the east of its intersection w/ Maple). Its construction is more similar to that of Teak + Maple, only not as nice, therefore, I believe that this stage of additions were created at a different time than the Tamorak additions.

Guanabana -

construction type - cobble wall converted to patio
associated features

Cedar - starts at the southern point of Guanabana and then heads west

Birch - starts at the northern-most point and heads west

General notes - Guanabana is a very interesting because it was altered after its primary construction. I believe that it was first built as a wall that would have created an addition onto the Teak etc. construction because there is a very definite double line of rocks with nice faces both to the east and the west. This addition would have included Cedar and the eastern end of Birch from Maple. After this stage, Guanabana was taken down to its current level and extended to the east for almost the whole length. This created a patio with walls to the North, South and West. This may have been done to create a work area.

Cannonball - cobble terrace/room associated features -

Birch - Cannonball touches Birch at .6 and 2.5

meters from the eastern point of Birch and all of Cannonball is to the north.

General notes - Cannonball was a very difficult feature to excavate because of its present condition - tumbling into depression - and it probably was one of the uglier constructions even in prehistoric times.

It was probably the latest construction, built for 2 purposes. 1) To add onto the existing structure to create a room and 2) to delay the slumping of Birch into the depression. You can even see how Birch has slumped in between the 2 points where Cannonball touches, which I find interesting because the interior should have been ~~was~~ filled w/ fill and so the wall (Birch) shouldn't have slumped there either. Another indication that it is an older construction is that it overlaps the construction that includes Guanabana, making it necessarily later than that phase.

Marañon -

construction type - cobble wall
associated features -

Torador - starts at Northern-most point of ~~Torador~~ Marañon and heads West.

Walnut - starts at Southern-most point of Marañon and heads West.

Ceiba - runs along the western (interior) side of Marañon

General notes - Marañon is a large-size cobble wall that is not very high and from the associated

tumble, never was much higher than one more layer of rocks. It creates the eastern-most edge of a platform that includes Ceiba, Torador, Walnut, and Aspen. It is faced only on the exterior and the craftsmanship is not extremely high.

Torador -

construction type - cobble wall

associated features -

Marañon - starts at the eastern-most point of Torador and heads south

Alder - starts at the western-most point of Torador and heads north.

Ceiba - runs along the southern side of Torador

Elm - starts at the western-most point of Torador and heads north-west.

Dagwood - starts at the eastern-most point of Torador and heads north-west.

General notes - Torador is almost the same thing as Morañon only north-facing instead of east. One difference is that there is an oddity in the construction near the eastern end. It looks as if there was once a doorway to a building, but it was filled in where the store floor (Ceiba) was created.

Alder -

construction type - cobble wall

associated structures -

Torador - starts at northern-most point and heads east.

Walnut - starts at the southern-most point of Alder and heads to the east.

Ceiba - runs along the eastern side of Alder

General notes - ~~A wall that is almost exactly the same~~ At first glance this wall looked exactly like Torador and Morañon, but when looked at more closely it appears to have a slightly different construction technique that utilized smaller, flatter stones. Why this is I don't really know.

Walnut -

construction type - cobble wall
associated features -

Morañon - starts at the eastern-most point of Walnut and runs to the north.

Alder - starts at the western-most point of Walnut and runs to the north

Ceiba - runs along north side of Walnut

General notes - Walnut is exactly the same as Torador only facing South.

Ceiba -

construction type - cobble floor
associated features -

Torador - runs along the northern edge of Ceiba

Walnut - runs along the southern edge of Ceiba

Alder - runs along the ^{we} eastern edge of Ceiba

Morañon - runs along the eastern edge of Ceiba

General notes - Ceiba is a nice floor edge by the ~~four~~ four mentioned features. It is only one layer deep with dirt fill beneath it that has almost nothing (as for a cultural deposits) in it.

Flamboyant -

construction type - cobble terrace

associated features -

Guamacaste - ~~is~~ starts at southern-most point and then heads south

Oak - starts at southern-most point and then heads to the east.

Tamarak - starts at northern-most point and then heads to the north.

Spruce - starts at the northern-most point and then heads east.

General notes - Flamboyant was built in 2 separate stages equal to those discussed in Oak and Tamarak - The first stage would have made a corner with Oak's first stage and would also have been under where Tamarak is built. Tamarak's first stage was then built on top of this terrace. Then the second stage of all three - Flamboyant, Oak, and Tamarak were created.

Elm -

construction type - cobble?

associated features -

Spruce - is at the northern end of Elm going east and west.

Tamarak - is at the south end of Elm heading east.

General notes - Elm is a very ugly feature, though I speculated that it may have been the wall that formed the eastern side of some stairs, while Aspen formed the west. I believe that a tree may have destroyed this ^{almost} completely.

Dagwood -

construction type - cobble ?

associated structures -

Cedar - starts at Dagwoods NW point and goes west

General notes - Dagwood may be a terrace that would complimentary to Oak and Flamboyant, creating a terrace between the 2 different structures. Dagwood is very ugly, but is also in close proximity to the extant tree and to the tree that I believe may have existed in the past

Fig -

construction type - cobble wall

associated features

Chacha laco - starts at the eastern-most point and goes north

General notes - There isn't much to say about this ~~structure~~ feature. It was not completely excavated and so only part of it is visible. It doesn't have a bottom that is horizontal, but that follows the terrain. This makes me think that it was a work area.

Chachalaco -

construction type - cobble wall
 associated features

Fig - starts at southern-most point and runs west.

General notes - As with fig, there is not a lot to say about this feature. It also follows the terrain.

Frijoleo

construction type - burnt bajareque
 associated features - none

General notes - Frijoleo is a large patch of burnt bajareque that must have been burnt in situ. A rather large fire would have been needed to create so much of it. This occurs in the middle of a midden with ~~both~~ shards both above and below.

fir -

construction type - burnt earth or bajareque circle
 associated features -

mahogany - another burnt circle that lies slightly to the NW of Fir.

General notes - A circle of burnt earth. I don't have any real knowledge of why they are here.

mahogany - burnt earth circle
 associated feature - fir - circle to the South east

General notes - same as Fir.

Initial information to constructing a kiln

from the 1990 field season write-up

* all dimensions by P. Urban, E. Shortman et al

taken w/a
ruler using
the scale
note for
some revisions

* dimensions of kiln - exterior diameter

$$172\text{cm} \times 40\text{cm}/1\text{cm} = 7.00\text{m}$$

$$\text{interior diameter} - 7\text{cm} \times 40\text{cm}/1\text{cm} - 2.80\text{m}$$

North and South Vents are almost exactly
mag. North and South

- vent width ranges from 40cm-60cm

one is edge w/ flat-cut-stone

The "stoking hole" is ~~late~~ located in the
SW quadrant - it is $\approx 2.50\text{m}$ wide at the
exterior and is only .80m where it hits the
interior

I talked w/Pat and she believes that such
a large shelf may have been important so
even though our construction is slightly smaller
we're going to try and provide one. It probably
had to do with consistent heating or cooling.

from "The Study of Wattle and Daub fragments
as a guide to ~~determining~~ reconstructing activity
areas" a research design by Morne Abse

The most important piece of information
in this paper was that the wattle and daub
~~were~~ utilized a great deal of what Morne
calls "chopped grass". What we have recently
discover through local informants in the
Naco Valley is that Pine Needles are actually

"better". They are actually talking about house wattle and daub, but I believe this applies. ~~However to test this~~ I believe this because, now that we know it was used, the kiln bayoreque has impressions in it that look more like pine needles than grass - they often radiate from one point like pine needles. However, to test this I want to make $\frac{1}{2}$ of the kiln with each.

The curved ~~shapes~~ impression made by sticks in the kiln also shows me that it was curved - beehive style. Also ~~horizontal~~ perpendicular impressions tell me it was probably made using horizontal sticks along w/ the uprights. Some of the sticks were as large as 7cm across and some were also split in half.

Also from this writing - Morne shows a picture of the La Sierra kiln - the only one I could get a hold of - that shows a wall running through the middle, but lower than the rest.

I don't believe that this wall was very high, probably a simple separation between the 2 different parts.

Morne also showed me a couple examples of bj. One showed very distinctive curved sticks running through it and there was a high concentration of what looked like pine needles or grass. It was also very light for it's size compared to house bj. This is probably because it was fired and has a high level of now gone organic inclusions.

By looking at the bj, it seems to me that it was probably made w/ pine needles, but I am going to make the kiln $\frac{1}{2}$ and $\frac{1}{2}$ (pine needles and grass) to prove it.

They may have used 2 methods to include the organic material - including it in the initial mixture or adding it while putting it on the kiln - I'm going to make the kiln $\frac{1}{2}$ and $\frac{1}{2}$ (upper halves will use the second method). I believe that the first method is a better idea because then you wouldn't have weak spots.

What I learned by going out and looking at local hornos - 1) they are mainly used for bread, 2) most are made from brick and mud (some w/ stone) 3) sometimes poles (sticks) are used to make a keper from and then bricks are used around that - use a central pole 4) it is very, very important for the mud used in the construction to be very homogeneous

We also met a gentleman who may help us fire the kiln when we have some pots ready.

Don Luis also knows some people that know
of a very nice clay source.

Day 1 of kiln construction, Mar 28, '96

workers cleared of an area of grass approximately 15 m x 15 m to act as a fire break for the future firing of the kiln.

made two concentric circles using a stake in the middle and a string - the interior line (to serve as a demarcation between wall + interior of kiln and is 2m in diameter to outer circle (diameter = 3m) will serve as the exterior of the whole thing

I had 3 pairs of workers ~~doing~~ excavating 20cm down between these 2 lines from 11:05 am to 12:00 pm and 2 pair from 1:10 to 2:00

- they used picks and shovels - I knew I should be using wood and stone tools, but for the later parts that we knew were about we won't use steel tools. Besides no one here really knows how to make stone tools

one other pair of workers and myself worked from 1:10 until 3:00 carrying stones up from the Quebrada, which is less than 50m away

Also had one man making a champa or thatched roof - open wall hut to cover the kiln so that rain can't hurt it before we have had a chance to fire the kiln itself. started at 2:55

and wasn't finished at 3:00 when we quit.
He will continue this tomorrow - using machete

2 men building a shallow pit to mix
adobe in - started at 2:15 using picks and
shovels weren't done at 3:00

The odd man who isn't accounted for here
basically picks up my slack when I'm taking
notes etc...

This same guy, an old fellow by the name
of Jesus knows how to mix up adobe,
so I'm going to use him for that task.

They also told me that it would probably
be better to use pine needles, but understood
why I wanted to do both because they
know of houses made out of either. The
difference is that this organic temper is much
denser in kiln bajoreque.

For tomorrow - if I have 6 guys - 1 for charpa
2 - making pit for mixing - the other 3 plus myself
carrying stones. Will also start laying foundation
and getting sticks.

Day 2

2 guys w/ picks and shovels making a
pit to mix adobe in - start - 7:15

Vicente - still making charpa - start - 7:30
2 guys starting to make a wall - 7:40

The guys that I have setting the wall don't know how to, but it seems pretty simple to me - they are using only their hands and stones.

The stone hauling is an awful hard job so I think what I'm going to do is have the men switch off every $\frac{1}{2}$ hour

The two guys setting the basal wall have covered the base nicely but Ed believes that we need some oolite to set between the stones - so we need water

for the last 15 min 2 guys have been making the champa

dove making champa - 8:20

2 guys went off to find poles to begin construction of the superstructure - 8:20

going to get 14 to start w/ and then intersperse with smaller sticks and use vines to wrap around.

One guy took 15 min to clean up center area so that there is no live anything in the center to reduce fire danger.

these guys are moving too fast to keep track off

I think that they are just as excited about this as I am.

We've already gotten 14 long poles - though some may need to be replaced. never mind 2 of the guys returned w/ plenty were also collected plenty of vines. We may need some more smaller wood, but we'll get that as we need.

It's quite nice here under the champa

It's now 9:05 - 6 of us are going to carry stones 9:50 - we're done
don't have anything for them to do until the water gets here

I think that we're going to have to ~~start~~ make the wooden super structure before we finish the stone foundation. 2 reasons - no water yet and I think it's more logical also. photo taken before this step - one also of the mixing area.

11:00 → only have 4 men plus myself starting to make the basal wall using water and the dirt removed for the foundation
2 men


2 men - working on putting the wood frame together using both really long thin trunks and what the workers call bejuco

Day 3 - April 1, 1996

It's now 10:30 and this is the first chance that I've had to write anything down.

We've gotten almost all of the wooden superstructure done.

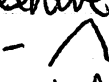
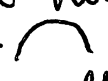
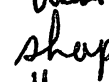

One problem that we've run into is that the way our wall is foundation is set up some of the vertical poles come out of the wall at a bad angle



 like this, which means that we are going to have to extend that wall slightly into the interior of the kiln.

One other thing that the workers are doing is that they are beating thick vines between two pieces of wood and removing some very nice long fibers.

Myself and Baudilio Gomey took a trip up into the pine forests to obtain some pine needles. It is probably 6-7 km from where the kiln is. What does this indicate about their use of these needles? It would be quite a walk to obtain these needles, but it ~~could~~ could be done by 2 young boys each with a sack in one day.

I've also decided that the construction should have started slightly different

The first thing that I would do differently is try and make the kiln more beehive shaped and lower - what we have now -  what I think might be better -  - I believe this construction would be more efficient in the heat flow - what I picture is the heat going up in  shape and staying there then flowing out the air hole - but with the  shape I can see it flowing better

  better - However I don't really know how to test this w/o lots of instruments

I also predict that we may have a problem w/ the bajareque being too filled w/ poles I think that we should have stuck to smaller ones. But my workers know more about it than I do so I'm not going to tear it down.

Today we also added more to the interior of the basal well (foundation) to create a small shelf. - I will take some final measure ments later.

Ended by retrieving some clay from the stream bed. I thought that it was the perfect source, but it turns out that there is a fair amount of small stones in the clay, but it is of high enough quality to use for the kiln walls, but not for ceramics. - We put a 2-3cm floor on the entire kiln. Had a hard time crushing up the clay chunks, but finally just did it w/ hands

Tomorrow we'll start mixing in pine needles and grass in the 2 different halves so that a comp. study can be done.

Day 4 (Friday) Well, It is the 4th of April today - We only have a half day - I don't want to start building the walls b/c they will crumble in the rain before it is fired. It is also more difficult to work with if it has been sitting too long.

Our champa has slumped slightly so we're going to rebuild it b/c it's awfully close to collapse. Actually collapsed while we were trying to take it apart.

We have 5 guys today.

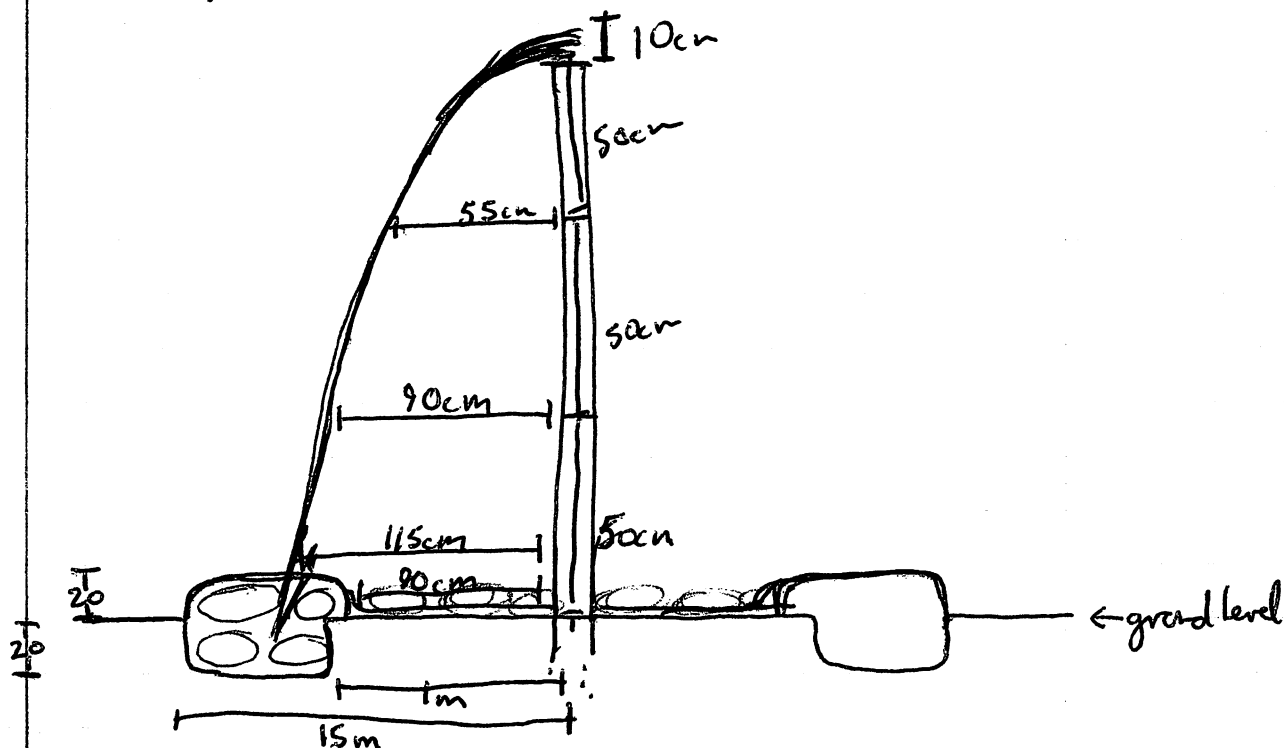
They're working pretty slow, but that's ok. because I don't have a lot for them to do. I need to get grass cut today and pine needles and make a new mixing pit so I have one for pine needles and one for grass.

Having guys make another mixing pit and cut grass.

I'm going to do a simple ~~W~~/W cross section drawing - see next page

Day 4 cont.

Drawing →



the "circle" or shelf is rather irregular because we had to add at certain spots to create a shelf for the wall - sometimes ~~diameter~~ radius from center to edge of shelf is only 70cm. The double sticks that ~~make~~ make up the arch are at most - 4 meters long -



there are - 9 of these arches. The spaces between these arches are filled in with smaller sticks going vertical and vine and sticks also going horizontal to form a checker board pattern. The spaces are no larger than 20cm by 10cm.

Also going to cut the grass and pine needles into small pieces - most will probably be between 4 and 7 cm long.

Have sent all but 2 workers with Matt b/c he need to back-fill - the last 2 are digging the mixing pit.

One thing that the rain did help me realize is that on Monday we had a difficult time breaking up chunks of the clay we were mining. We left some out and it got wet and now it is easy to break up. I think what we have to do is dig up some clay. Break it into small chunks. Add water until it is quite soupy. Let dry until ready to use. I think that the pine needles may dry it out some.

Another thing is that I'm not quite sure how the pine needles/grass were used. Was it thoroughly mixed into the adobe or was it just packed in around. May have to vary my methods slightly.

10:30 → For the next working day (2 Mondays from now) we will excavate some clay add water - then go do something else for the rest of the day.

11:15 Last 2 guys gone to help Matt.

April 15, 1996

Today was confusing because Ed isn't back yet. When we arrived at 7:15, the charger had been knocked down, so I set the guys to rebuilding it. They had that done by the time I returned from running all over the place for H_2O .

I got back and I've taken pictures w/ my camera -

kiln, close-up of construction, top of kiln, river bed, clay deposits, mixing beds

So, for today, ~~where~~ we're going to start building the walls. We're going to add H_2O to the bed full of clay - add grass to this one and let it sit for a while to sink in and get homogenous.

We also have to build the central wall for the separation between the 2 different sections.

We're also going to need to cut more grass as a fire break.

We added the water to the clay from the stream bed and Jesus jumped in w/o his shoes and started mixing it up. This seems to work very well. We mixed it basically until he said it was ready. See videotape.

Then we added the grass (sawed) that had been chopped up - Merne says no pieces were found in the kiln b; that were longer than 7cm so we cut them about that size.

We are going to need a lot more grass and my guys have to roam farther and farther just to get some. Morre says that the grass made up about 13% of b1, so we're trying to estimate that.

Done w/ interior construction of wall.
Going to start mining more clay.

Accidentally spilled a whole barrel of H_2O in w/ the clay/grass

I think that ~~we~~ if we put dry clay in it will soak up the water - done.
We've started construction

The wetting of hard - very dry clay doesn't actually take very long - maybe an hour in total.

We're making the walls of the kiln about 10cm thick and more than that at the bottom closer to 20cm so that that part is that much stronger

We're hauling up some more clay for the rest of today and tomorrow

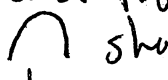

The guys are hauling the prepared clay with their shovels from the mixing area - possibly the ~~indians~~ ^{native} didn't do this because they had a mixing area closer to the construction or because their construction was closer to the surface or on it. I don't believe that in any case you would find much evidence

The walls are bowing inward. I think that there may have been radiating supports - they would have been burnt out any way along with the central post. But - I ~~don't~~ don't think that there is any way to tell from the archaeological record. - but it does make sense and I'm glad I listened about putting in the central stake

Tuesday, April 16

It's 9:00 and I've finally arrived at the site. I've been here once or twice to give directions. I only have 4 guys today because 2 others are cleaning up site 128 for the kiddies and so that Bryan and Amy can start again soon.

We definitely have a problem with the height. I think that we need some supports on the inside, though the guys think I just need thicker structure poles - some are as small as 3-4 cm. in diameter.

The shape would depend upon which method used. If you used ~~taller~~ thicker poles you wouldn't be able to lash 2 together because they would break the vines holding them together when you beat them. So it would have to be one solid pole and that would be harder to bend into a  shape, but would end up more of a  shape. If you used smaller poles then they could be lashed together and

So, as it is, we have a sort of top-sided structure - but this may not be very important.

We've started to add the ~~mud~~ clay / water / pine mixture. I've also put 5 holes in the walls for the thermocouple - but I'm going to put more in, so I'll be more specific when they are all finished.

Next, we need to build the central wall before everything is closed in and you can't see if you're inside.

We've built most of the central wall (I, myself, did it) and it is pretty high (exact measurements when I'm done).

However, from some of the random stuff that I have read and seeing some stuff fired, I'm not sure that it is high enough. I think that the higher the wall is, the more pots one can put in, because the point is for the heat to get there, but not the smoke or ~~any~~ too much oxygen - honestly I don't know, but I'm going to look in a book tonight.

Photos and filming done at this point.

It is actually very easy to use the clay mixture once you get used to it and the organic material helps hold it together.

Wed. April 17th, 1996

It is 8:30 and I've just arrived from driving all over hell's creations.

But, like the excellent workers my guys are, they got every thing ready for the H₂O, which I brought.

So, we only have a little more to do and may finish in only a few hours.

If I finish here, we're going to head over to 128 and start test-pitting the depression to see what we can find.

Note: I only have 4 guys today

Yesterday - I also tried to use a sharpened stick, but it was basically impossible if only impractical. I was very slowly able to get a few chunks but that was only because they were sticking out. I almost definitely think that it would be imperative to have some sort of peaked stone tool. However we may have a particularly hard source, but you would think that all clays would be around the same hardness.

Done - Distinguished the part where the 2 types overlap by type marking.
Also put holes in it for the couple.
See next page

Okay, the outside of the kiln is exactly 780 cm in circumference. 0 is at the Western edge of the stoking hole going clockwise

A's are at 146 cm

A1 - 23 cm up from foundation top

A2 - 67 cm

A3 - 129 cm

D's are at 340

D1 - 20 cm above foundation top

D2 - 72

D3 - 140

C's are at 550

C1 - 21 cm

C2 - 67

C3 - 136

B's are at 750 and are an estimate

B1 - the stoking hole

B2 - 73 cm

B3 - 138 cm

E is right in the top

The interior wall is around 45 cm tall

Filming and photos taken

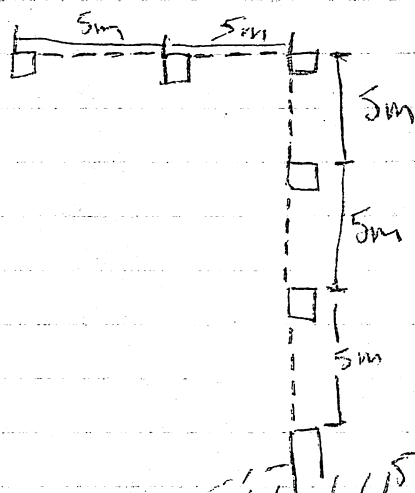
Site 128

Starting to clear field at 11:20 - very overgrown
also going to need to make stakes - lots of
stakes

Field cleared - central line of test pits
set up.

this line is merely a continuation of
~~the~~ my initial trench for structure 24

The test pits will be one meter by 1 meter
starting 4 m from trench



doing this for 35m E/W
and 30m N/S

N/S will be 128AL
E/W will be 128AM

structure 24

Thursday April 17, 1996

beginning excavation.

128AL/01 5 to 6m S, 0 to 1m E of h. datum
0 to —

128AL/02 10 to 11m S, 0 to 1m E of h. datum
odd shaped ground b/c of tire tracks

128AL¹⁴⁴ - will level the tracks and then continue
 I don't believe that the top 20 cm
 will be ~~all that~~ imp because of the
 disturbance by the tire tracks

Note - the h. datum point has been set
 at 15 m from the N tip of trench from
 structure 24, as a direct continuation of
 that trench and is on the western side.

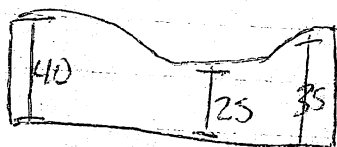
finish depth for 128AL/01 - 25 cm NW cnr
 sherds

finish depth for 128AL/02 - 35 cm bgs NW cnr
 no sherds

128AL/03 5 to 6 m S, 0 to 1 m E of h. datum
 25 cm to ?

128AL/04 10 to 11 m S, 0 to 1 m E of h. datum
 35 cm bgs to

side view of (west) 128AL/02



Why we are test pitting this depression?
 We, or actually Pat and Ed, think that this
 is a clay borrow/source. They think this because
 of its shape which is very regular. There is
 no natural reason why there should be a depression

128 AL/10 - 10 to 11 m S, 0 to 1 m E of h. ditch
90 cm bgs (NW cor.) to

Out of 5 to 6 m S (1 to 2 E) and 10 to 11 m S are coming large amounts of sherds that are relatively large, though not huge and are not very eroded. If this material had all been washed down from a midden next to str. 24 or another structure it would be smaller eroded pieces. Since they aren't I must infer that they were deposited close to where they lie today.

This may mean that the borrow pit was used as such before the larger constructions we see at this site. This would mean some important things 1) that this site wasn't centered around the control of the borrow pit, 2) if there is a kiln we won't find it because it's buried under everything else.

It's getting harder to work in the test pits because they are getting deep, so it's taking longer. I could drop another pit right next to the existing one, but that would take more time than it will to excavate everything as it is right now. I'll do a couple more lots and see how deep we have to go. Maybe we can figure something out for Monday if we're here. Maybe some of those scoops we got in our dig kits or some way to get the dirt out easier.

128 AL/09 - final depth - 105 cm bgs (NW cor.)

large bag of sherds

are very nice mura - different material than most
one lithic (chipped)

128AL/11 - ~~10 to 11 m~~ 5 to 6 m S, 0 to 1 m E of h. datum
105 cm bgs - NW cnr.

I did a little figuring and it has taken 2 guys 2 days to do one pit (and it isn't really done). If you multiply that by the 12 pits left only in the 2 perpendicular lines then I will need 24 days for 2 guys to finish it. I'm getting 2 more men on Monday, which will make 6. I want to send Pilo + Nectalie over to the far structure to excavate. I'm going to use them because I trust them the most. I also want to send Vicente and Jesus to excavate a few test pits on the South-eastern edge of the depression. There is some earth exposed over there and there are lots of sherds and a few rocks, so it looks somewhat promising. I could probably finish all of this if w/ only 6 guys if I didn't also have lots of work to do with the kiln. I'm going to ask Ed for more, but he'll probably say no. Maybe since Adrienne + Briana will be done 2 weeks early I can get a few of their guys to help me finish up.

128AL/10 - finish depth 110 cm bgs NW cnr
lots of sherds - not as much as the lot above
(128AL/08)

128AL/12 - 10 to 11 m S, 0 to 1 m E of h. datum
110 cm bgs NW cnr. to ?

As the workers started 128AL/12 they hit some sandy soil. It will be interesting to see exactly what kind of sherds come out of there.

It is very important whether this soil has sherds in it or not. If it doesn't - good, we've found the bottom of the barrow. If not I don't really know what to make of it except that it had to be culturally deposited, because there is no reason to expect to find sandy soil in a clay barrow. This may change some broad ideas that we've already accepted. It may not be a barrow.

128AL/11 - finish depth - 115 cm bgs (NW corner)

sherds - 1/2 of a medium bag

I don't think we're too sterile yet because there are still flecks of carbon in the soil

128AL/12 is not finished for today, we will finish it when we get back (Monday?)

• One bag tagged

April 22, 1996

8:30 - just starting to cut wood. Don. Luis is going to help w/ the ~~the~~ names

Morra - spuez

chachalaca

Caberoate

machado

torador

good majority is this

carao - looks a little weak (light), but D.L. tells me it's good for kilns -?

Corcuniro Sandoval

Most of the wood comes from one large tree which is relatively dry and pretty large. That is, the tree is large, the wood they are bringing in is not very big. I would say that it will be good enough to fire the kiln, but we will have to be very careful not to heat it too fast.

Slowly the wood is getting larger, but the truck is getting close to full.

12:00 April 22, 1996

Were back at 128 - I now have 6 workers

Leforno and co.

128AL/13 - 0 to 1 m S, 0 to 1 m E of h. datum
0 to

Vicete + Jesus

Continuing w/ 128AL/12

Nectolme + Polo

128AL/14 - 5 to 6 m S, 0 to 1 m E
115 to

We have a small problem. We only have 2 mini picks and 2 hoes to use btwn. 3 pairs of workers.

128AL/13 - finish depth - 20 cm bgs (NW cor.)
no shovels

it looks to me like there are some nice sherd's coming out of both 128AL/12 and 128AL/14. Some of it may even be resist wear, which comes from earlier than the L. Classic - Need to follow up.

128AL/15 - 0 to 1 m S of h. datum, 0 to 1 m E
20 cm bgs to?

128AL/12 - finish depth = 130 cm bgs (NW cor.)
lots of interesting shreds - 2nd bag

The sand that we hit in 128AL/12 is very interesting because we didn't hit it in 128AL/14 or in that unit. This means it may be a localized sand lens - I don't really know what from, probably a cultural deposition because there were shreds in it. The soil beneath the sand lens is about the same as that above it.

At the bottom of 128AL/14 we found some good clay that's even wet (it may be the same as above only ~~moister~~ w/ more moisture). I added some water to it ~~but~~ it was incredibly plastic. This may be the clay we're looking for. If there are no more shreds.

128AL/14 - finish depth = 135 cm bgs (NW cor.)

If there weren't speckles of carbon in this clay I would say we are at the bottom but there are also a few shreds - I want to go 10 more cm - next day we're here.

128AL/15 - finish depth = 95 cm bgs (NW cor.)

128AL/16 - 10 to 11 m S, 0 to 1 m E of h. datum
130 cm bgs (NW cor.) to?

April 23, 1996

It's 10:00 and I'm just getting my first chance to write anything down.

It was about 9:00 before we got out here with all the wood that we cut yesterday.

The guys recommended that I patch the kiln so I did mostly because there were some cracks that went all the way through.

I haven't yet decided exactly how I am going to fire this thing.

We have started a fire outside and away from the kiln, because I want to have some hot coals to put inside the kiln because this would probably be the best way to dry it. Then I'm slowly going to add more and more wood until it gets up to temperature, which will basically be as hot as I can get it.

One problem that I have found and sort of expected to find was that the wood is too wet.

I took a chunk of the log that we used. It was already dry and threw it into the fire. I took it out only 15 min or so later. It's still cooling, but I'll give my observations later.

Notes about the fire - It is very hot, though there is actually very little flame visible and very little smoke. This is exactly the kind of fire that I want for firing. I should use the same types of wood only dryer.

I've also made a small pinch pot and it is drying next to the fire. It will be interesting to see if it turns into something.

12:15 I've put 3 good shovels full into the kiln and
Vicente just put 2 more in ^{of hot coals}

The guys are playing in the clay and even
have a few things drying next to the kiln along
my small porch pot.

The clay that we're using is okay for making
stuff, but it needs to be quite wet to mold it
and so it's tough to work with. The guys also
say that it isn't very good for pots etc. They say
it's just earth not clay.

I don't think that I used enough pine needles in
the clay. I believe this may eliminate some of
the cracking problem and also some provide
special ventilation for the kiln. It would literally
smoke everywhere.

The wind isn't helping a lot. It's blowing toward
the South (only lightly), but it's going into the kiln
and blowing the heat out the same side it came in.

11:40 more hot coals

11:50 we put a lot more hot coals into the kiln and
there is lots of good smoke and ~~some~~ steam
coming out of the N end as the wind is blowing
over the coals, over the wall and out the other
side. After lunch I think that we will start
really firing it up and have it roaring by the
3:00 and I will stay and watch it cool off.

1:00 We started really stoking it up, but we're still
going a little bit at a time.

2:30 We're really trying to get it ~~up~~ x-



It is smoking out of different cracks and holes

It is now 3:00 and everyone has left me. The kiln is running pretty good. I just mixed up the coals and added some small stuff. I'm going to collect some smaller dryer stuff for the fire so as to be sure that all the interior ^{structural} wood burns out.

Ok. He put working again!

It's about 4:00 - the wind has more or less been coming out of the SE. Actually I should say that the only way it's not coming from is the NW. It seems to be swirling from just about every other direction. I wonder if that's because there seems to be a storm on the horizon, but I don't think so.

I definitely need to know more about how to obtain a good even fire.

I think a better (more  than ) kiln design would help a little w/ the air flow, but when the firing gets I don't want it going in one hole and out the other than smothering. This would mean a rapid temp change for the pots and this may cause them to burst.

There are only 2 spots that still look wet. The two spots where the interior dividing wall meets the exterior.

24 April 1996

We're at 128 - digging test pits

Vicente + Jesus

128AL/16 - still at it - they're going to go a little more until there are no more sherds - 145 cm bgs (NW cnr)

Bardilio + John 128AL/170 to 1 m S, 0 to 1 m E of L. datum
45 cm bgs (NW cnr) to ?

P+N 128AL/18 4 to 5 m N, 0 to 1 m E of L. datum
0 to ?

128AL/18 finish depth - 20 cm bgs (NW cnr.)
very few sherds - one small lithic

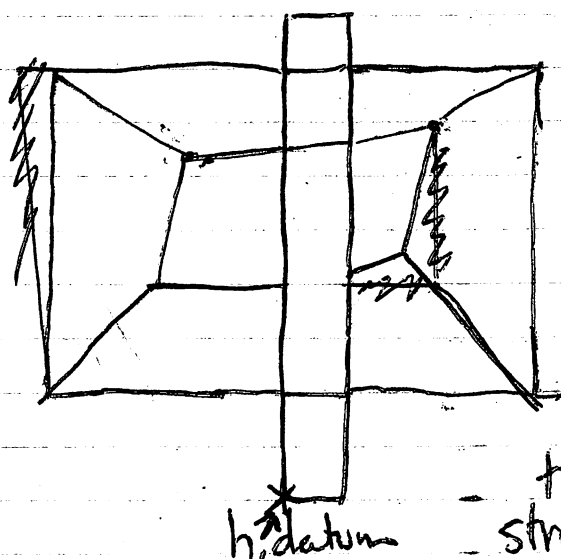
I'm going to start Pilo + Nectaline excavating
the structure to the NE. - This will be subop
128A#0

128AL/12 - finish depth = 145 cm bgs (NW cnr)
sherds

we've hit the hard moist clay here and it
is sterile - except for a few carbon flecks in it
that I can't explain - maybe leaching?

J+V 128AM/01 - ~~5 to 6 m~~ 0 to 1 m S, 5 to 6 m E of L. datum
0 to ?

Nectaline and Pilo are going to start excavating the
structure to the NE. see next page



Trench is running exactly due N/S

horizontal datum lies at the SW point (cnr) of the trench

trench is 10m long by 1m wide
structure is $\approx 7m \times 10m$

Subob = 128A~~01~~0

128A~~01~~01 - 0 to 1m N, 0 to 1m E of h. datum
0 to ?

128AM/01 - finish depth - 20 cm bgs (NW cnr)
very few sherds - only 1 actually

128AM/02 - 0 to 1m S, 5 to 6 m E of h. datum
20 cm bgs to ?

I just finish drawing 96-85-3 from structure 24
Hozbit finished it before because the military were supposed to come. They never did.

Now I need to do a much more exact drawing of some of the test pits

128AL/~~17~~17 - finish depth = 65 cm bgs (NW cnr)
2 med. bags of sherds

128AL/~~19~~19 - 0 to 1m S, 0 to 1m E of h. datum
65 cm bgs to ?

Going to draw!

128A0/01 - finish depth - 25 cm bgs (NW cor)

128A6/02 - 0 to 1 m N, 0 to 1 m E of h. datum
25 cm bgs (NW cor) to

128AM/02 finish depth - 40 cm bgs - (NW cor)
a few sherds - sm. piece of ocarina

128AM/03 - 0 to 1 m S, 5 to 6 m E of h. datum
40 cm bgs to ?

sent Virete, Jesus, Rilo + Neetalm to the other site
to rebuild the chamber around the kiln.

128AM/03 - took 1 bag - not finished

128A0/02 - finish depth - 40 cm bgs (NW cor.)
sherds + lithics

Made a drawing - 96-85-6? - not sure about \pm
it is the wall views for all 4 walls of 10 to 11 m S, 0 to 2 E

128AL/02 - finish depth - 83 cm bgs (NW cor)
sherds + bj
no soil difference.

128AL/02 - 0 to 1 m S, 0 to 1 m E of h. datum
83 cm bgs (NW cor) to ?
took 1 bag. of sherds in

Thursday, April 25, 1996

P+N → 0 to 1 m N, 0 to 1 m E of h. datum
128AO/03 40 cm bgs (NW cnr)

V+J - working on 128AM/03

B+J - 128AL/~~19~~20 continued.

I'm gonna draw some more

128AM/03 - finish depth - 60 cm bgs (NW cnr)
sherds - $\frac{1}{2}$ med run bag.

128AM/04 - ~~5 to 6~~ 0 to 1 m S, 5 to 6 m E
60 cm bgs to ?

128AO/03 - finish depth - 50 cm bgs - NW cnr.

On the northern side of this lot/unit there is a high concentration of laja. It looks pretty broken up but the workers may have done that. Also there is a possible feature (part of a ring of stones) on the south side - to be named Juvenal. I'm going to go North to see if the laja continues.

128AO/04 - 1 to 2 m N, 0 to 1 m E of h. datum
0 to

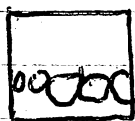
found in 128AO/03 - sherds, ocarina part, one piece of obsidian
Juvenal

128AL/20 - finish depth = 100 cm bgs (NW cnr)
 $\frac{1}{2}$ med bag of sherds

128AL/21 - 0 to 1 m S, 0 to 1 m E of h. datum
100 cm bgs to ?

128AO/04 - finish depth - 20 cm bgs (NW cor)

There is some interesting stuff going on here.
On the northern edge of the meter square
there is a line of stones. Not necessarily a wall - possibly
the first ~~with~~ line of tumble indicating a wall is just
beneath it. Very few sherds coming out of this lot
If it is then we hit this structure perfectly



← NW to be named Aristophanes b/c he was first known


128AO/05 - 1 to 2 m N, 0 to 1 m E of h. datum
20 cm bgs to

taking out southern half - will be more exact
when we're done.

128AM/04 - finish depth - 80 cm bgs (NW cor)
med bag of sherds

128AM/05 - 0 to 1 m S, 5 to 6 m E of h. datum
80 cm bgs to

128AL/21 - found a large pot rim - may continue deeper.
the sherds that have come out of this so far are
also pretty big and have a lot of paint + slip on
them

128AO/05 finish dimensions 40x60  NE

The shaded area was excavated to 35 cm bgs (SW cor)
few sherds found plus piece of a metate

128 AO/Ø6 - 2 to 3 m N, 0 to 1 m E of L. datum
0 to ?

128 AM/Ø5 - finish depth -
not yet - they're still 10 cm short.

128 AL/21 - finish depth \geq 125 cm bgs (NW cnr.)
½ med bag - sherds are pretty large.
no visible soil change
not going to start them on anything else for today
only 15 min left.

128 AO/Ø6 - finish depth - 20 cm bgs (SW cnr.)
There is some trouble here and it may be
something but will be more sure tomorrow

128 AM/Ø5 - finish depth - 100 cm bgs (NW cnr.)
very few sherds and pretty small + eroded

Done! for the day

128 AO/Ø7 - 2 to 3 m N, 0 to 1 m E of h. datum
20 cm bgs to ?

128 AL/22 0 to 1 m S, 0 to 1 m E of h. datum
125 to ?

128 AM/Ø6 - 0 to 1 m S, 5 to 6 m E of h. datum
100 cm to ?

128AL/22 - finish depth = 135 bgs (NW cnr)
 sherds - $\frac{1}{4}$ med bag - hit hard clay! - sterile

128AL/23 - 14 to 15 m N, 0 to 1 m E of h. date
 0 to ?

128AO/Ø7 - finish depth - 30 cm bgs - except the
 southern 20 cm, which is part of Aristophanes

128AO/Ø8 - 1 to 2 m N, 0 to 1 m E of h. date
 35 cm (SW cnr) to ?

128AM/Ø6 - finish depth = 110 cm bgs NW cnr
 rim going to have them go to 115 along the
 N wall so that I can draw it better.

128AL/23 finish depth = 20 cm bgs (NW cnr)
 very small bag of sherds

128AL/24 14 to 15 N, 0 to 1 E, 20 to 40 cm bgs (NW) sherds

128AM/Ø7 - 10 to 11 m E, 0 to 1 S, 0 to 20 cm sherds (poco)

128AP/Ø1 - 10 to 11 m S, 20 to 21 E, 0 to 25 sherds fig

128AM/Ø8 - 10 to 11 m E, 0 to 1 S, 20 to 40^(NW) lots 'o' sherds, lithic

128AO/Ø8 - finish depth - 45 cm in southern 60 cm
 sherds, lithic

128AO/Ø9 - 1 to 2 m N, 0 to 1 E, 45 cm bgs to 55 cm bgs (SW)
 all except N 30 cm

128AM/Ø9 - 15 to 16 m E, 0 to 1 S, 0 to 20 sherds lithic

128AM/10 - 20 to 21 m E, 0 to 1 S, 0 to 25 cm bgs NW cnr

128 AM/11 4 to 5 m W, 0 to 1 S, 0 to 25 sherds (poco)

128 AL/25, 9 to 10 m N, 0 to 1 E, 0 to 20 sherds (poco)

128 AL/26, 14 to 15 m N, 0 to 1 E, 40 to 60 nothing

128 AL/27 9 to 10 m N, 0 to 1 E, 20 to 40 sherds (poco)

128 AO/10 3 to 4 m N, 0 to 1 E, 0 to

Sunday, April 28, 1996

Kiln info

I have been looking over some of the ceramics books, trying to figure out exactly how I'm going to process the clay, and then how I'm going to fire the kiln.

After reading through Pottery in Archaeology (Arton et al.) and Domestic Ceramic Production and Special Organization (Arnold), we've decided one very important thing. ~~The~~ Refining clay and tempering it is a very tricky task. It requires a knowledge of what ~~yes~~ types of clay are good to fire, what temper needs to be added, and how everything is going to act.

I do not have this sort of knowledge. I could do it if I had lots more research material available to me and lots of time to do a very strict standardized testing of different clays along w/ the different tempers. I would also like to analyze the different clays after firing to possibly match them up with different sources. I will try and fire some stuff, but I don't put much stock in its scientific value.

The part of this project that I truly do put stock in is the value that the kiln construction itself has. More than anything I would very much know what to look for if I ever had to excavate a kiln, but I won't go through all of that right now but it will most likely be in my final project write-up.

April 29, 1986

Starting new lots 128AM/12, 128AM/13, 128AP/~~10~~^P/02
continuing w/ 128AM/~~10~~/10

128AM/12 - 0 to 1 m S, 10 to 11 m E of h. datum
300 cm bgs to 40 cm

128AM/13 - 0 to 1 m S, 15 to 16 m E of h. datum
20 cm bgs to

128AP/02 - 10 to 11 m S, 20 to 21 m E
25 cm to

It rained a lot this past weekend and one pit - the only finished one that I hadn't drawn is completely full of water and in ~~128~~ 10 to 11 m E (0 to 15)
the water made the ground swell slightly and so we dug out the first 10 cm to make it even this will be 128AM/12 and this will mess up stratigraphy some -

128AM/12 - final depth - 40 cm - shovels

128AM/14 - 0 to 1 m S, 10 to 11 m E of h. datum
40 cm to

128AO/10 finish depth - 20 cm bgs (NW cnr.)
we've cleared off pretty much down to completely
tumble and there are no visible lines so I'm going
to go down 20 cm more. - small cnt. of sherds

128AO/11 - 3 to 4 m N, 0 to 1 m E of h. datum
20 to

128AM/14 - finish depth - 65 cm
we've once again hit the gravelly soil and it
is relatively ~~sterile~~ sterile!
a few sherds (from soil above)

I'm going to have Vicky + Jessus just dig down
in 0 to 1 m S, 10 to 11 m E of h. datum to see if
we can't find some clay

128AM/15 0 to 1 m S, 10 to 11 m E of h. datum
65 to ?

128AM/13 - finish depth - 40 cm bgs (NW cnr.)
a few sherds - not much change in soil

128AM/16 - 0 to 1 m S, 15 to 16 m E of h. datum
40 to

128AP/02 - finish depth - 45 cm bgs (NW cnr.)
sherds - some pretty good looking stuff - some w/ nice
fine paste and paint and or slip.

128AP/03 - ~~10~~ to 11 m S, 20 to 21 m E of h. datum
45 to ?

128AO/11 - finish depth - 40 cm legs (NW cor)
 it almost looks as if we have gotten down
 below the tumble level, though there are a few scattered
 rocks left. very few slabs, but quite a lot of lithics
 - only 2 pieces of obsidian, but some other stuff also.

128AO/12 - 4 to 5 m N, 0 to 1 E of h. datum
 0 to

I don't quite understand this structure. It is so low
 that the tumble should be pretty easy to account for
 but w/ only one small wall I'm having a hard
 time doing that.

In 10 to 11 E 0 to 1 S we are down to around 100 cm
 but we're still in sterile sand/gravel. ~~This may be~~
~~important because of~~ we have also found a couple
 of different types of soil and so this may be
 able to tell us something about its deposition

Interestingly enough. The next 5 m East is at
 ≈ 60 cm and we haven't hit the sandy soil yet

128AM/15 - finish depth - 110 cm (NW cor)

I will draw this but I want it to dry some so that
 the moisture content will be the same - look for it
 later

I straightened up the sides and also took a
 clay sample - from around 110 cm on E wall
 it looks like a very fine ~~very~~ micaceous clay

this clay may not be very good. it maybe only a
 small lens and it also may be too close to
 sand.

128AM/16 - finish depth - 63 cm bgs (NW cnr)
 this pit also looks like were in sterile soil. If
 isn't the gravelly stuff yet, but it seem to have been
 sterile for the last 10 cm. Going to go more to
 be sure

128AM/17 - 0 to 1 m S, 15 to 16 m E
 63 to ?

128AM/18 - 0 to 1 m S, 20 to 21 m E
 25 cm to

128AP/03 - finish depth - 66 cm bgs (NW cnr)
 very interesting because we don't seem to have gotten
 out of the clay material that has the sherds in
 it but we no longer have any sherds.

128AP/04 - I just made the discovery that 128P/01, 02, 03
 are actually 19 to 20 m E not 20 to 21. I must have
 messed up somewhere, but that's okay

128AP/04 - ¹⁰ ¹¹ ~~10~~ ~~11~~ to ~~10~~ ~~11~~ m S, 19 to 20 m E
 66 cm to ?

128AO/12 - found another wall and it is only about
 10 cm below ground surface - this feature will be called
 finish depth - (15 cm bgs NW cnr) Plantus
 very few sherds.

128AO/13 - In 4 to 5 m N, 0 to 1 m E
 15 cm bgs to

128AM/18 - finish depth - 45 cm bgs (NW cor)
sherds

128AM/19 - 0 to 1 m S, 20 to 21 m E
45 cm to

128AM/17 finish depth = 72 cm bgs (NW cor)
nothing.

128AM/20 0 to 1 m S, 4 to 5 m W
20 cm to

128AO/13 finish dimensions - southern 20 cm
to a depth of 40 cm bgs (SW cor)
Plantus is at the Northern side of this lot, as
a matter of fact this lot was done to clean
off in front of Plantus.
One day we will have to pull back and
and go down further, but for now we are
even w/ the top of Aristophanes.

128AP/04 - finish depth - 75 cm bgs (NW cor)

128AP/05 - setting over 2 meters to -excavate.
There are some sherds and stones right
near here so maybe at some point we'll run
into a structure up here.
8 to 10 m S, 17 to 20 m E of h. date
0 to ?

128AM/19 - finish depth - 62 cm bgs (NW cor)
2 sherds - basically sterile

128AM/21 - 0 to 1 m S, 9 to 10 m W
0 to ?

128AM/14 - 5 to 6 m N, 0 to 1 m E of h. datum
0 to ?

128AM/20 - finish depth = 40 cm bgs (NW crr)
a few sherds - nothin' special

128AM/21 0 to 1 m S, 4 to 5 m W
40 cm bgs to ?

128AM/14 - finish depth - 20 cm bgs (NW crr)
sherds

128AP/85 - finish depth - 20 cm bgs (NW crr)
2 sherds

128AM/22 0 to 1 m S, 9 to 10 m W
0 to

April 30, 1996

returning to 128AM/21, 128AM/22

starting -

128AM/15 - 9 to 10 m N, 0 to 1 E of h. datum
0 to ?

128AP/06 - ⁸ 4 to ⁹ 5 m S, 19 to 20 m E
20 cm bgs (NW crr) to ?

128AM/22 - finish depth - ~~20~~ 25 cm bgs (NW crr)
sherds

128AM/23 - 0 to 1 m S, 9 to 10 m W. of h. datum
25 cm bgs to ?

In 128AM/21 found a large pot in situ
will draw. -96-85-156

128AM/15 - finish depth 20 cm bgs (NW cnr)
shards

128AM/16 - 9 to 10 m N, 0 to 1 m E of h. date
20 to

128AM/21 - a very interesting lot - we've now found
~~2 full~~ 1 full bowl (hopefully) and one pot broken
in situ.

This probably means that this was some
sort of surface at this point.

There are also a lot of ~~the~~ med-large sherds
of pretty nice stuff coming out of here.

Interestingly enough there are also stones here -
in the same clay soil that we usually get, but
Also - it has lots of burnt flecks (orange)

I drew East walls of 9 to 10 m N, 0 to 1 m E and 14 to 15 m N,
0 to 1 m E in 128AL - see d. 96-85-14

128AM/23 - finish depth - 40 cm bgs (NW cnr)
shards

128AM/24 - 9 to 10 m W, 0 to 1 m S,
40 to ?

128AP/06 - finish depth - 40 cm bgs (NW cnr)
shards - 1/2 med-small bag

128AM/21 - finish depths - 52 in N, 60 in S
shards - 1/2 this

128AM/25 - ~~bowl and contents~~

~~128AM/26 - described later~~

128AP/07 - 7 to 8 m S, 19 to 20 m E
40 to ?

128AO/16 - finish depth - 40 cm bgs (SW cnr)
In the NW cnr there is a possible feature ^{named Cicero} - also
in this lot we've found some random tumble, ~~and~~
shards and lithics (most non-obsidian)

128AM/25 - this will be a normal lot only
~~with~~ with the bowl kept in a separate bag
it does look like we have a whole bowl
and it is quite possible that there is another
pot below this one using

128AO/17 - 9 to 10 m N, 0 to 1 m E of h. datum
40 cm to

128AM/25 - we took the bowl out and it turned
out that under our bowl facing down there was
one facing up - so there 2 bowls plus the
material between them is in a separate bag

128AP/07 - finish depth = 60 cm bgs (NW cnr)

128AP/08 - 7 to 8 m S, 19 to 20 m E
60 to ?

128AO/17 - finish depth - 60 cm bgs (SW cnr)
shards (poco), lithics - nothing much besides.

128AM/24 - finish depth - 58 cm bgs (NW cnr)
2 med bags of shards

128AM/26 - 9 to 10 m N, 0 to 1 m E
60 to ?

128AO/18 - 8 to 9 m N, 0 to 1 m E of h. datum
0 to ?

128AP/08 - finish depth - 80 cm bgs (NW cnr)
1 sherd

128AM/25 - finish depth - 65 cm bgs (NW cnr)

2 large sherds, lithics, carbon
2nd pot wasn't whole and so it is just
in the bag w/ the others - mentioned w/ 128AM/21
and drawn in d-96-85-15

5/2/96

128AM/26 - 4 to 5 m W, 0 to 1 m S
65 to

128AP/09 - ~~3 to 4 m S~~ 8 to 9 m S, 21 to 22 m E
0 to

this lot/unit will drop exactly where the stump
was that lead us to excavate here. There
were sherds + rocks in its roots when it fell.

continuing w/ ~~128AM/11~~ 128AO/18

128AM/27 - 0 to 1 m S, 9 to 10 m W of h. datum
58 to ?

128AO/18 - finish depth - 20 cm bgs (NW cnr)

There looks like there may be a possible wall
and/or feature - right now it only includes one nice
flat stone and a few other hints. Going down
10 more cm. to uncover it completely.

128AO/19 - ^{tiny bag of sherds} 8 to 9 m N, 0 to 1 m E of h. datum
20 to

5/2/96

I'm going to draw - 0 to 1 m S, 20 to 21 m E today
 actually I'm going to have them go down
 20 or more cm to see if we can't find
 the gravel level.

~~128 AM~~ There are 2 different types of soil
 coming out of 4 to 5 m W (0 to 1 S) and (9 to 10 m W) (0 to 1 S)
 The soil coming out of 4 to 5 m W is a very dark
 grey w/a little brown while the soil coming out of
 9 to 10 m W is a definite light brown.

Why is this? They are so close that they
 should be very close to the same.

128 AM/26 - finish depth - 80 cm bags (NW cnr)
 1 1/2 bags of sherds, lithic, and carbon

128 AP/09 - 20 cm bags (NW cnr)
 a few sherds - not ~~enough~~ as much as I thought

128 AP/10 - 8 to 9 m S, 21 to 22 m E
 20 to ?

128 AM/27 - finish depth - 85 cm bags (NW cnr)
 the soil has changed - however it is very
 interesting because there seem to be just as many
 sherds here - color hasn't changed at all
 Only sherds.

128 AM/28 - 0 to 1 m S, 9 to 10 m W of h. datum
 85 to ~~80 to 85 cm bags~~ ~~75 to 80 cm~~

In 1284P/10 we just found some burnt earth and a bunch of carbon. I don't know if this is a root burn or not. Every thing is burnt and usually part of a root does not get burnt. Also to burnt that much earth the fire would have had to be very hot.

128AM/28 - pulling lots of large sherds. One is very interesting. An extra coal was put around the body of the vessel and fingers were used to make a wavy decoration, this level ~~of~~ coincides with the level where large sherds were pulled in 128AM/21+25

128AD/19 - finish depth - 45

sherds - lithics - At one point we thought we had a line of rocks here, but it turned out to be false.

128AD/20 - 7 to 8 m N, 0 to 1 m E of h. datum
0 to

128AM/29 0 to 1 m S, 20 to 21 m ~~NE~~ E
60 to

128AM/28 - finish depth - 100 cm bgs (NW corner)
1/2 med bag of sherds - found lots of big sherds in this lot - also a definite soil change of the base of this lot.

128AM/30 0 to 1 m S, 9 to 10 m W of h. datum
100 to ?

5/2/92

~~128AM/29 - went down to~~128AM/31 - 4 to 5m W, 0 to 1m S
80 cm to

128AM/29 - finish depth = 88 cm bgs

This soil is sterile but other than that it isn't much different than the stuff that had artifacts in it. At 70 cm bgs it gets slightly more gravelly but that is the only change.

128AP/10 - finish depth - 40 cm bgs

haven't excavated the burnt earth - I want to go down below it to see what's going on

found carbon near the burnt earth also with shards
~~128AP/11~~ -

128AP/11 - 8 to 9m S, 21 to 22m E
40 to128AO/20 - finish depth = 17 cm bgs (NW cor)
very few shreds128AO/21 - in 7 to 8m N, 0 to 1E of h. datum
17 cm to ?128AM/31 - finish depth - 100 cm bgs (NW cor)
no soil change - shreds

128AM/30 - finish depth = 130 cm bgs (NW cor)

128AP/11 - 60 cm bgs (finish)
few shreds

5/3/96

128AM/32 - 4 to 5 m W, 0 to 1 m S
100 to ?128AO/21 - finish depth - 50 cm bgs - SW cnr
found a wall, sherds, lithics128AO/22 - 6 to 7 m N, 0 to 1 m E of h. datum
southern 40 cm is taken up by Plato
0 to ?128AP/12 - 8 to 9 m S, 20.5 to 21 m E of h. datum
0 to ?purpose of this is to expose more of the burnt earth
and carbon.128AL/28 - 4 to 5 m N, 0 to 1 m E of h. datum
20 to ? - screened.

I also need to draw 9 to 10 W, 0 to 1 S

128AO/22 - finish depth - 15 cm bgs (NW cnr)
few sherds

128AP/12 - finish depth - 30 cm bgs (NW cnr)

there is more burnt earth at this level
were going to go some more to see what we can find.128AP/13 - in 8 to 9 m S, 20.5 to 21 m E of h. datum
30 to ?128AM/32 - finish depth - 125 cm bgs (NW cnr)
sherds - much less128AM/33 - 4 to 5 m W, 0 to 1 S
125 to ?

128AL/26 - finish depth - 43 cm bgs (NW cor)

1284L/29 - ^{slender} 4 to 5 m N, 0 to 1 m E
43 to ?

128AO/23 - 6 to 7 m N, 0 to 1 m E
15 to 40 cm bgs NW cor
slender,

128AO/24 - 5 to 6 m N, 0 to 1 m E
≈ 20 to

128AM/33 - finish depth - 140 cm bgs.
Were hit the nice dark gray clay,
^{slender}

actually got a few large slender out of here and
lots of burnt earth - why?

This shows some sort of use of this area
what kind we don't know, but it sits right on top
of the nice clay. Took sample of the nice clay.

128AM/34 - 14 to 15 m W, 0 to 1 S of L-doh
0 to ?

128AP/13 - finish depth - 55 cm - not much more burnt
earth, only small flecks. It starts about 30 cm bgs
and is between 5 and 10 cm deep - from below which came
the carbon sample

128AO/24 - finish depth - 30 cm bgs (NW cor)
didn't find the back of Plantus

128AO/25 - in 4 to 5 m N, 0 to 1 E
15 cm to ?

out here in the middle of a flat area,
and its very close proximity to all of
the structures at 128.

What would we like to find here?

I want to find a kiln or some sort of
evidence that there was pottery production
here. I'd like to see this for 2 reasons - 1)
it would complement my kiln construction nicely
and 2) it would also add another dimension
to the dynamics between La Sierra and other
sites. Is this a moderately large site because
of its proximity and/or control of this clay
source? More specifically we're looking
for kiln b_j, which has much more organic
temper, slag, which would indicate areas of
extreme temperatures, and for a possible trash
pile from firing failures. We also want to
find the clay, so we can do some test tiles.

finish depth of 128 AL/04 - 50 cm bgs NW corner
" " 128 AL/03 - 45 cm bgs NW corner

128 AL/05 - 10 to 11 m S of h. datum, 0 to 1 m E
50 cm bgs NW corner to →

128 AL/06 - 5 to 6 m S, 0 to 1 m E of h. datum
45 cm bgs NW corner →

The soil w/in both of these units, is very
similar in 10-11 m S. There was a layer of
humus (top soil) and that is represented by 128 AL/02

the soil under is very fine clay w/ orange spots (harnt soil)

why are there sherds in clay? - Maybe the clay washed down from more perpendicular sides and got mixed w/ the sherds discarded in trash piles - There is only one trash pile that we know of - right behind 24 so if this is true we shouldn't find many at all on the Northern edge.

Found a huge chunk of carbon in 128AL/05 although there is the possibility of it being a root were going to save it.

No real obvious burning right around the carbon - soe was left in situ

finish depth for 128AL/05 - 75 cm bgs NW corner
 " " " " /06 - 65 cm bgs NW corner

128AL/06 - 2 bags sherds
 small pieces of obsidian

128AL/05 - 2 bags sherds, carbon

128AL/07 - 5 to 6 m S, 0 to 1 m E of h. datum
 65 cm bgs (NW corner) to

128AL/08 - 10 to 11 m S, 0 to 1 m E of h. datum
 75 cm bgs (NW corner)

In 128AL/07 there seem to be a lot more stones. They are all small (around 10-15 cm at a maximum on the longest dimension) and definitely don't have any sort of order.

Also in 128AL/07 we're getting a lot of sherds. They're almost done and have filled most of a 15 x 25 in bag.

I've been thinking about the structure that is all by itself to the NE of the barrow pit. The other structures are so closely packed in and this one is just sitting there by itself. If it were a living structure, then ~~you~~ one would think that it would be near the others. It isn't and so therefore, though not necessarily, was used for something else. Possibly a production site? Or a kiln, or something else not related to the barrow pit, on any hand I kind of think that it should be excavated.

128AL/07 - finish depth = 85 cm bgs (NW cor)

lots of sherds and a few lithics

soil is about the same - a nice clay, though it has more large stones, sherds and carbon flecks

128AL/09 - 5 to 6 m S, 0 to 1 m E of h. datum
85 cm bgs (NW cor)

128AL/08 - finish depth - 90 cm bgs (NW cor)

huge bag of sherds, + one pecked stone lithic led
soil is the same.

I don't think that the ~~root~~ carbon found earlier was anything but a root - You can almost trace the root in the Western wall

96-85-164

128AM/34 - finish depth - 20 cm bgs (NW corner)
burnt earth.

128AM/35 - 14 to 15 m W, 0 to 1 m S of h. date
20 to ?

128AO/25 - finish depth - 45 cm bgs (NW corner)
no sherds - only includes northern 25 cm.
The rest is taken up by Plaster of which we
have found the the Northern side.

128AL/29 - finish depth - 60 cm -
fixed bag sherds - screened

128AM/35 - continue on Monday!
same w/ 128AP/14 -

128AP/14 - 10 to 11 m S, 15 to 16 m E
0 to ?

5/6/96

it rained heavily but luckily nothing
was damaged

continuing w/ 128AM/35 and 128AP/14

128AO/26 - 9 to 10 m N, 0 to 1 m E
60 cm to
Cicero is in NW (corner)

128AL/30 - 4 to 5 m N, 0 to 1 m E of h. datum
60 to ?
Screening

for me - to do today!

- draw a pit
- add to section of trench
- backfill pit once drawn

128AM/35 - finish depth - 40 cm bgs (NW cnr)
sherds

128AM/36 - 14 to 15 mW, 0 to 1 m S
40 to

128AM/37 - 19 to 20 mW, 0 to 1 m S
0 to ?

128AP/14 - finish depth - 30 cm bgs (NW cnr)
lots of sherds - small to medium and slightly eroded

128AP/15 - 10 to 11 m S 15 to 16 m E of h. date
30 to ?

128AO/26 - finish depth - 80 cm bgs (SW cnr)
very few sherds.

128AO/27 - 9 to 10 m N, 0 to 1 m E: 80 cm bgs to ?

128AM/37 - finish depth - 20 cm bgs (NW cnr)
not many sherds, but more than is normally
expected for the first 20 cm

128AO/27 - finish depth = 90 cm bgs (SW cnr)
sterile!
guess we didn't find a midden on this side.

128AM/36 - finish depth - 65 cm bgs (NW cnr)
very few slabs

128AM/38 - 14 to 15 m W, 0 to 1 S
65 to ?

128AO/28 - Sof Plantus to find the base of this
wall - 5

128AP/15 - finish depth = 55 cm bgs (NW cnr)
haven't found anything on the SE side so
I'm moving to the NE and putting in a
test pit. For now I'm only going to do 2 test
pits/quadrant and then I'm going to do
more as time allows

128AP/16 9 to 10 m N, ~~7 to 10 m E~~ 10 to 11 m E
0 to

128AM/38 - finish - 80 cm bgs (NW cnr)
nothing - sterile
hit gravelly soil \approx 65 cm bgs

128AM/39 - 19 to 20 m W, 0 to 1 S of h. date
20 to ?

128AO/28 - finish dimension - 40 cm Sof Plantus
35 cm bgs to 60 cm bgs (SW cnr)
3.8 m N to 4.2 m N, 0 to 1 m E

128AO/29 - N of ~~Plantus~~ ^{Plato} to find out how deep it goes

128AL/30 - finish depth - 80 cm bgs (NW cnr)
 sherds - but probably w/in sterile level reared
 128AL/31/ 4 to 5 m N, 0 to 1 m E of h. data
 80 to?

128AD/28 - finish dimensions
 7.4 m to 7.8 m N of h. data
 50 cm bgs to 70 cm bgs - sherds, 17thz

128AT/01 - 6 to 7 m N, 4 to 5 m E of h. data
 0 to? 3 4

128AP/16 - finish depth - 30 cm bgs (NW cnr)
 sherds

128AL/31 - finish depth - 90 cm bgs (NW cnr)
 nothing - sterile layer

128AM/39 - finish depth - 40 cm bgs (NW cnr)
 sherds - small & eroded

~~128AT/01~~
~~12~~
 5/7/96

128AT/01 - finish depth - 10 cm bgs - NW cnr

128AT/02 - 6 to 7 m N, 4 to 5 m E
 10 to? 3 4

128AU/01 - 4 to 5 m N, 2 to 3 m W 0 to

128AU - West side of initial trench.

128AM/40 19 to 20 m W, 0 to 1 m S
40 to ?

128AP/17 - 9 to 10 m N, 10 to 11 m E of h. datum
30 to ?

128AT/02 - finish depth - 25 cm bgs (NW cor)
in tumble - only a few sherds
going to go North and West 1 unit, I'm afraid
we may have come down on the corner and because
it's been destroyed we're not catching it.

128AT/03 7 to 8 m N, 2 to 3 m E of h. datum
0 to ?

128AP/17 - finish depth = 45 cm bgs (NW cor)
few sherds
didn't really hit sterile, but the ^{soil} ground is starting
to get gravelly like it does before we hit sterile
going to move so we can get more coverage.

128AP/18 14 to 15 m N, 15 to 16 m E of h. datum
0 to ?

128AU/01 - I think that we have to go 5 one Unit,
go down and then go north
finish depth = 10 cm \pm in tumble
sherds

128AU/02 - 3 to 4 m N, 2 to 3 m W of h. datum
0 to ?

128AM/40 - finish depth = 60 cm bgs (NW cor)

128AV/Ø1 - 9 to 10 m N, 14 to 15 m W of h. date

128AT/Ø3 - finish depth - 20 cm bgs in tumble
sherds, maws.

128AT/Ø4 - 7 to 8 m N, 2 to 3 m E of h. date
20 to ?

128AP/18 - finish depth - 25 cm bgs (NW cnr)

128AP/19 - 14 to 15 m N, 15 to 16 m E of h. date
25 to

128AV/Ø1 - finish depth - 20 cm bgs (NW cnr)
a few sherds

128AV/Ø2 - 9 to 10 m N, 14 to 15 m W of h. date
20 to

128AU/Ø2 - finish depth = 20 cm bgs (NW cnr)
few sherds

I think it would be better to go back
next to the trench and follow Planture out.
so that's what we're doing

128AV/Ø3 - 3 to 4 m N, 0 to 1 m W of h. date
0 to ?

I think I see the wall and possibly a cnr
in 4 to 5 N, 2 to 3 W.

128AT/Ø4 - 45 cm bgs (NW cnr)
sherds included 80 southern ems,

128AT/05 - 7 to 8 m N, 2 to 3 m E of h. datum
45 cm to ?

128AU/03 - finish depth = 20 cm bgs (NW cnr)

128AU/04 - 3 to 4 m N, 0 to 1 m W of h. date
20 to ?
sherds

128AV/02 - finish depth - 40 cm bgs (NW cnr)
very few sherds

128AU/04 - finish depth -
- not finished

128AT/05 - finish depth - 60 cm bgs (NW cnr)
sherds

128AP/19 - finish depth - 40 cm bgs - (NW cnr)
more sherds than normal - go more tomorrow

128AV/03 - finish depth - ~~50~~ 40 to 50 cm bgs
below 128AV/02
9 to 10 m N, 14 to 15 m W of h. date
nothing

5/8/96 - continuing w/ 128AU/04

128AT/06 - 6 to 7 m N, 2 to 3 m E
0 to ?

128AV/04 - 5 to 6 m S, ~~14 to 15 m W~~ 14 to 15 m W
0 to

128AV/05 - 14 to 15 m N, 19 to 20 m W of h. date
D.G. and G 0 to

128AP/20 - 14 to 15 m N, 15 to 16 m E of h. date
40 to ?

128AP/20 - finish depth = 50 cm bgs (NW cnr)
3 sherds

I believe that we are in sterile soil

128AP/21 - 9 to 10 m N, 15 to 16 m E of h. date
0 to ?

128AU/04 - finish depth - 45 cm bgs (NW cnr)

128AU/05 - 4 to 5 m N, 0 to 1 m W of h. datum
0 to ?
sherds

128AT/06 - finish depth = 25 cm bgs (NW cnr)
few sherds - a few hints of a wall,
but nothing definite yet

128AT/07 - 6 to 7 m N, 2 to 3 m E of h. date
25 to ?

128AV/04 - finish depth = 20 cm bgs (NW cnr)
3 sherds

128AV/05 - finish depth - 20 cm bgs (NW cnr)
no sherds

128AV/06 - 5 to 6 m S, 14 to 15 m W
20 to ?

128AV/07 - 14 to 15 m N, 18 to 20 m W of h. date
D.G. and G. 20 to ?

128AP/21 - finish depth - 20cm bgs (NW corner)
2 sherds

128AP/22 - 9 to 10 m N, 15 to 16 m E of h. date
20 to ?

128AV/05 finish depth - 10cm bgs (NW corner)
sherds + loom weight?
Southern 10cm taken down to 40cm bgs S of
Planters

128AT/07 - finish depth - 50⁺cm in tumble
sherds

128AT/08 - 6 to 7 m N, 3 to 4 m E
25 to ?

128AV/06 - 3 to 4 m N, 1 to 2 m W of h. date
0 to ?

128AV/07 - finish depth - 40 cm bgs (NW corner) sherds - very few

128AP/22 - finish depth = 40 cm bgs (NW corner)
sherds

128AV/08 - 14 to 15 m N, 19 to 20 m W of h. date
40 to

128AV/06 - finish depth = 40 cm bgs (NW corner)
a good med. size bag full of sherds

128AV/09 - 5 to 6 m S, 14 to 15 m W of h. date
40 to ?

128AP/23 - 9 to 10 m N, 15 to 16 m E of h. date
40 to 50 cm bgs (NW cnr)
3 sherds

128AP/24 - 4 to 5 m N, 20 to 21 m E of h. date
0 to

We've found a wall in 128AT/08 - it makes a corner w/ Plato. I guess the obvious name here would be Aristotle.

128AV/08 - finish depth = 50 cm bgs (NW cnr)
no sherds - no cultural evidence.

128AV/10 - 14 to 15 m N, 14 to 15 m W of h. date
0 to ?

128AV/09 - finish depth - 60 cm bgs (NW cnr)
sherds - less than I thought would be here
considering its proximity to structure? to W of str. 24
lithic

128AV/11 - 5 to 6 m S, 14 to 15 m W of h. date
80 to

128AU/06 - finish depth = 30 cm bgs
sherds, murex (part), metate (part), worked luffa
also found ~~wall~~ feature probably a terrace.

128AU/07 - 4 to 5 m N, 1 to 2 m W
0 to

128AT/08 - finish depth = 60 - NW cnr
all tumble - except Aristotle to West sherds, lithic -

128AT/09 - 7 to 7.5 m N, 3 to 3.5 m E of h. dub
 0 to
 doing this to find corner of Plato + Anzette

~~128A~~

128AP/24 - finish depth - 20 cm bgs (NW cnr)
 sherds, lithic

128AP/25 - 4 to 5 m N, 20 to 21 m E of h. dub
 20 to ?

128AV/10 - finish depth - 20 cm bgs (NW cnr)
 2 sherds

5/9/96 -

Continuing w/ 128AV/11, 128AP/25, 128AV/07
 128AT/09

Feature found in 128AV/06 - named Hippocraks

128AV/07 - finish depth - 10 cm and 40
 cm bgs for Senterin 10 cm.

The wall Plantus is slowly getting
 uglier and uglier. I think we may be uncovering
 an old wall because it doesn't look much like
 it did in the initial trench. sherds

128AV/08 - 4 to 5 m N, 2 to 3 m W of h. dub
 10 to

128AV/11 - finish depth = 80 cm bgs (NW cmr)
very few sherds

128AV/12 - ~~3 to 5 m S~~, 14 to 15 m W of h. date
80 to ?

128AT/09 - finish depth = 45 cm bgs - SE cmr)
sherds - in tumble
find cmr of Plato + Aristotle

128AT/10 - 4.5 to 5.5 m N, 1 to 2 m E - 0 to

~~doing this to see if~~
128AP/25 - finish depth = 40 cm bgs (NW cmr)
sherds - more than I thought would come
out but not very many all in all

128AP/26 - 4 to 5 m N, 20 to 21 m E of h. datum
40 to ?

128AT/10 - doing this to see if flat rock
that can be seen in section just N of Planters
is a bench or anything else.

128AV/12 - finish depth = 100 cm bgs (NW cmr)
2 - sherds - I believe were in sterile
as the soil as turned more gravelly also.

128AP/26 - finish depth = 50
sterile

128AP/27 - ~~9 to 10 m S, 10 to 11 m W of h. date~~
~~- 0 to ? 5 to 6 m E, 14 to 15 m N of h. date~~
~~0 to 20 cm bgs ?~~

128AT/10 - finish depth - 15 cm bgs (NW cor)
 there is definitely something here. Right now
 it looks more like a small wall
 sherds, lithic

128AT/11 - 5.5 to 6 mN, 1 to 2 mE of h. datum
 0 to ?

128AP/22 - finish depth = 20 cm bgs
 sherds - 8x4

128AU/08 - finish depth = 35 cm bgs
 wall to East.

128AU/09 - 3 to 4 mN, 2 to 3 mW of h. datum

128AT/10 - finish depth - 10 cm - western 30 cm to
 40 cm - sherds
 wall takes a step in.

128AT/12 - 6 to 7 mN, 1 to 2 mE of h. datum
 0 to ?
 search for more of wall in new Homer

128AP/28 - 5 to 6 mE, 14 to 15 mN
 20 to

128AV/13 - 10 to 11 mS, 9 to 10 mW of h. datum
 0 to 20 cm bgs (NW cor)
 med-large bag of sherds, lithic

128AV/14 - 10 to 11 mS, 9 to 10 mW of h. datum
 20 to ?

128AT/12 - finish depth - 10cm
western 30 cm - to 40 cm deep
no sherds

128AU/09 - finish - 35 cm bgs (tumble)
sherds

128AP/28 - finish depth = 40 cm
hit sterile gravel

128AV/14 - taking 1 bag back - not done yet.

5/10/96

forgot my notes today so this is all being
copied on that same night.

We spent most of the morning gathering wood
to fire the kiln on Monday. Then we came back
and returned to excavations.

128AT/13 - 1 to 2 m N, 2 to 3 m E - 0 to 40

trying to find the terrace
a few sherds and we found some large
stones at the bottom, but I don't know
what this means.

128AU/10 - 5 to 6 m N, 0 to 1 m W 0 to 30

trying to see if there's a wall here - nothing yet
sherds - maybe a bag

128AV/14 - finish depth 40 cm bgs (NW cm)

a few large stone - tumble from structure B
lots of sherds - 2 more bags today

128AV/15 - 14 to 15 m N, 4 to 5 m W - 0 to 20
a few sherds found

128AV/16 - 10 to 11 m S, 9 to 10 m W
40 to 60 cm bgs
lots of sherds - 3 bags.

128AV/17 - 14 to 15 m N, 4 to 5 m W,
20 to \approx 40 -

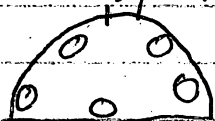
In this level we have found a very large patch of burned earth. This is about the first interesting - or different - thing we've found so far - it is mostly on the Western side, but there are ~~also~~ also some patches of what look like clay. This is kind of odd because almost all of this stuff lies in gravelly soil - the stuff that we've been calling scoria all along. - stopped here because it's the end of the cliff. - few sherds

I also shot points w/ Ed - I couldn't remember all of the names of my features so I ~~almost~~ ~~tried~~ ^{tried} to remember them, but I know I got some of them wrong. We also shot all of the test pits - NE and NW corner as well as SE ~~out~~ on the line of pits running N/S so that they line up w my drawings.

It's 10:00 on Monday May 13, 1996

and we're just starting to fire.

I've set the pots etc. that students + Don Jeronimo made and Dave also set 5 sets of cones (temp.) inside the box where the pots are. They go from left to right - 3, 4, 5, 6, and are placed in the circles drawn below.



We've started a fire outside and are waiting for it to burn down a little.

Once I get to figuring out the thermocouple I intend to measure the temp every 15 min and to measure from all holes every hour.

There are a total of 12 holes - one being the stoking hole which may be hard to do.

Every 15 min I will measure the temp at A2 and do a full circuit every hour.

10:10 { A2 - initial - 32.9
3 shovels full of hot coals added
- 52.9

10:15 - 57.3

10:30 - 128.1

A3 - 165.

10:45

B2

11:00 - A1 -

A2 - 256

A3 - 400+

B1 -

B2 -

B3 -

B1 -

C2 -

C3 -

D1

D2

D3

11:15 - 326-A2

well, I must admit that we've had a lot of problems. There is the fact that the opening in the stoking hole is now too big because of the patchwork we did plus a little sandblasting. I'm also not sure if I have the thermocouple on the right setting. It is on J of J.T.E.ORK. It has also caused causing a loss in heat. The major problem, however, is that I feel that the kiln is designed wrong. The temp down where the pots are is too low.

I'm going to start taking measurements at all 3 A points every 5 min. I can't physically do it any other way. I need a couple more English speaking people here or my Spanish needs to improve.

The design is wrong - too much heat is getting caught up high and not reaching the pots. We also need more pots.

11:30 A1 - 187 °C
A2 - 318 °C
A3 - 470 °C

12:15 - A1 - 266

A2 - 360

A3 - 484

12:45 - A1 - 225

- A2 - 3

A3 - 11

12:45

383

438

2:15 - A1 - 274

- A2 - 372

- A3 - 473

Ok, it has stopped raining long enough to write a little.

There is one huge crack that has developed on the SE side, that seems to be where a lot of the heat is hitting on the inside.

I also may have heard something burst inside. I think that the vent on the N side should be larger so as to sort of suck the air that way. Obviously the stoking hole needs to be much smaller, but it's so large because it broke.

If I was to do this again I would study a lot of things much more - but I'll talk about those things later.

2:45 ~~hrs~~ - we just stoked it heavily

A1-309

A2-420

A3-521

3:15 - A1 - 330

A2 - 435

A3 - 516

It is now 3:30 -

I only have a few hand fulls of wood left and that's only because we basically cut up the Champa and used it as fire wood. The stuff we collected on Friday was obviously the best. It was dry, burnt fast and completely. One of the problems that I foresee right now is the fire box filling up w/ashes, but I think that's because some of it wasn't as dry

as it could have been. I think if everything was dry the box wouldn't be all that full and if this was the La Sierra kiln, which is what we are trying to reproduce the fire box would be 2-3x larger so that problem probably would not arise at all.

The pots are also covered w/ ash - I don't know if this is somehow avoidable or if I just have to accept it. We'll see what they look like when they come out tomorrow!

I don't know how I'm going to leave this when I leave. I was thinking about letting it burn down and then covering the holes w/ wet hay, so as to keep the heat in. Also to keep prying eyes out.

3:45 - A1 - 299

A2 - 422

A3 - 508

I want very badly to do this again. Here is how I would do it.

First thing I would do is cut some leña (firewood) and make a small shed out behind Pat + Eds so that when the time came we would have dry wood. Second thing that I would do is get in touch w/ Don Geronimo and have him make me lots of pots and I would have him use different clays from all around the valley and I would help him retrieve them. I would also employ Pilo, Neetahine, Vicke, Jesus and possibly Banderis + Julian. We would then start construction

of the actual kiln.

But, back in the states, I know a gentleman that I should study w/. I don't remember his name, but I have his card at home. He built his own kiln and it is a 2-storey up draft - different from ours, but I'm sure he would have lots of good advice. He also digs up his own clay, so maybe he could help w/ processing the clay also. I could study w/ him for a while and learn as much as I could and then come back here. Probably the most important thing that I would learn from him is a little thermodynamics. I could also talk to Dr. Ross about the true or pure thermodynamics. Fran Drew U.

I would also like to determine the different colors, ~~and~~ hardnesses, weight that earth is fired to at diff. temp. that way, one would know approximately what they had when they dug it up. I don't know if this is possible but I would like to try.

I would change the design on the kiln some what dramatically. I would try to make it closer to the same size as the La Sierra kiln, and would lower it a great deal so it wasn't so peaked. But mostly what I need for a more complete firing is more knowledge! and that only comes through hard work and experimentation. I would also do more than 1 full firing.

I would also have more than 1 thermocouple.
 4:15 - A1 - 316°C
 A2 - 430°C
 A3 - 508°C

I would also like to study the bayareque from the La Sierra kiln - don't know if this is possible. I would also like to study the excavation notes from the same and I think this should be possible - only that the info is in the states.

I don't know how possible this all is but I think that it should be done for the sake of the knowledge. I would also do everything w/ stone tools - at least as much as possible. We don't have quite the right technology so things like machetes are irreplaceable to us. And though I would like to replace them I can't. However, we would use digging sticks etc... to dig our holes and possibly have the kiln built close to water, clay and stones.

This would make it much more useful in Pat and Eds discussion of power and control of goods by La Sierra. Who know maybe we could even do a bunch of pit firing so that we had the 2 different aspects to compare. Don Jeronimo knows how to do this.

4:30 - pt in the lost wood that I have.

4:45 - A1 - 316 ☺
A2 - 401 ☺
A3 - 469 ☺

5:15 - A1 - 284 ☺
A2 - 369 ☺
A3 - 421 ☺

5/13/76

it's 5:20 and dinner is in 10 min. and I still haven't been picked up.

5:45 A1 - 258 °C

A2 - 313 °C

A3 - 345

6:15 A1 - ~~284~~ 274 °C

A2 - 274 °C

A3 - 305 °C

5/14/76 -

back at 128 -

but first I went out to the kiln to get the pots before anyone could mess with them and got there just in time to chase some kids away. They look like they're fired and feel like they are fired, but I need a more professional opinion.

128AV/18 - sherds that were dug up by looters from - 10 to 11 m S, 9 to 10 m W

128AV/19 - 10 to 11 m S, 9 to 10 m W
60 to ?

128AV/17 - finished cleaning up - took 1 bag by.

128AV/20 - 14 to 15 m N, 3.5 to 4 m W
searching to find limits of burnt earth

5/14/96

128AU/11 - 4 to 5 m N, 0 to 1 m W - revealing wall
- only N 30 cm better 10 to ?

128AT/14 - 2 to 3 m N, 2 to 3 m E 0 to ?
trying to find more terrace.

128AV/~~20~~¹⁹ - final depth = 80 cm bgs (w/cnr)
sherds, lithics

128AV/21 - 10 to 11 m S, 9 to 10 m W
80 to ?

128AT/14 - final depth = 20 cm bgs
sherds, lithics

128AT/15 - 2 to 3 m N, 1 to 2 m E of h. date
0 to - found a wall here - needs
name, can't think of one right now - will name
later.

~~128AT/15~~
funny thing about this wall is that it
faces W, as if it is part of a structure
that stretches to the east - and more
than likely is not a part of the previously
excavated structure

128AU/11 - final depth 40 cm bgs -
sherds only

128AU/12 - 2 to 3 m N, 1 to 2 m W of h. date
following Hypocrater
0 to 20 cm bgs - tumble
found wall, sherds

128AV/20 - finish depth - 30 cm logs
sherds

128AV/22 - cleaning around by feature in
14 to 15 m N, 3.5 to 5 m W of h. date

128AV/21 - finish depth - 100 cm logs -
not very many sherds - I believe were
hit sterile

128AT/15 - finish depth = 35 cm logs
sherds

128AU/13 - following Hippocrater zone
only remove 1m x 20x20 on W side of
Hippocrater
metates part, sherds

~~128AT/15~~

Tuesday - 5/14/16

I removed the pots this morning and they
all seem to have fired. I talked to Morrie
last night and some of the refiring experiments
showed temps up to 1400°C where we only
had 500°C in the top and 200°C less ~~of~~ down
by the pots.

When I came back this afternoon the
horno had been vandalized - it's a good thing
that I am done.

I can't see that any of the cores melted,
however it is at least 150°F in there so I
couldn't get a good look.

Much of the kiln itself has turned to
a pumpkin, orange

96-85-188

cent. home observations. One of the biggest problems that I can already see is that there are some huge cracks in the walls and if they get larger they will cause a great amount of heat loss or even the eventual collapse.

I'm taking home sample of the b.j. from both types of walls (grass + pine needle) and some from the center wall also.

This is all that there is to say about my kiln

5/15/96

sent 4 guys to help back fill

128AT/16 - 1 to 2 m N, 1 to 2 m E of h. date
0 to

wall found yesterday is now named - Virgil

128AT/14 - on E side of Hippocrates in
2 to 3 m N, 1 to 2 m W of h. date
20 cm to ? 30 cm - few seeds

~~only 20 x 10 x 80 cm long for seeds - to be~~

128AU/15 - 2 to 3 m N, 0 to 1 m W of h. date
0 to ?

because of worker ~~error~~ error - some seeds from 128AU/15 got mixed into the 128AU/14. I don't think this matters much because it is relatively the same context tumble

~~Final~~

128AT/16 final depth - 20 cm bgs -
 Northern 30 cm is taken up by
 Aristophanes
 sherds

128AT/17 - 1 to 2 m N, 1 to 2 m E of h. datum
 20 to ?
 inc - southern 70 cm

128AU/15 - final depth - 25 cm bgs
 sherds
 found a partial floor - named - Archimedes

128AT/18 - 1 to 2.5 m N, 3 to 4 m W of h. datum
 0 to ?
 to find the corner of Aristophanes

128AT/17 - final depth = 35 cm bgs
 inc, only southern 50 cm
 sherds, lithics

128AT/19 - 3 to 4.5 m N, 1 to 2 m E
 0 to ?
 10 cm bgs
 5~~+~~ sherds

128AT/20 - 3 to 4.5 m N, 1 to 2 m E of h. datum
 10 to ?
 to W of Virgil

128AT/18 - final depth = 20 cm bgs
looks like Aristophanes continues
sherds

128AT/21 - 1 to 2.5 m N, 3 to 4 m E of h. date
S of Aristophanes

128AT/20 - final depth = 40 cm
Virgil takes up E $\frac{1}{2}$ of excavation
sherds

128AT/21 - final depth - 30 cm bgs
N $\frac{1}{2}$ is taken up by Aristophanes.
sherds

128AV/2³~~1~~ - 13.5 to 14 m N, 3.5 to 4.5 m W
0 to 30
few sherds + burnt earth

128AT/2²~~1~~ - 3 to 4.5 m N, 1 to 2 m E
10 to 30

it turns out that Virgil has a corner at
 ≈ 3.3 m N, 1.5 m E so everything except that
corner was removed from (except part of Plantus)
3 to 4.5 m N, 1 to 2 m E

128AT/2²³~~1~~ - working in front of Aristophanes near
its West end to uncover it more precisely
just cleared ground Aristophanes
to make it clearer - it's still pretty
ugly

128AT/2⁴~~1~~ - In front of Plantus around 0 m E/W and
in front of projection - fill - sherds

cleaned N of Aristophanes in the W
128AT/2⁹⁵

sherds

in just cleaning up we found another wall
which will be named Sophocles

128AU/16 - W of Socrates - looking for bottom of
wall
sherds, mite leg.

128AU/17 - W of Hippocrates - to find bottom - turns
out this terrace is only one stone deep,
which means that it is not as deep as
Aristophanes and therefore cannot be its
compliment - there must be another terrace
further to the west.

Notes on burnt earth feature w/in 128AV
15m N, 5m W

I cut the burnt earth in half along a
N/S line -

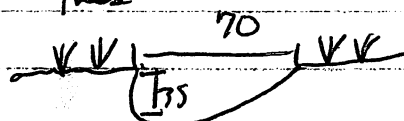
There were no sherds beneath it only more
of the gravel-rich soil.

It looks as though it was definitely
burnt in place and is very irregular,
which I can't exactly place. You would
think that if a flat surface was burnt
it would be flat also, so that would make
me think that for some reason this surface
was not flat. Why that would be I don't know.
It doesn't look like some of the burnt earth was
removed.

Some of the gravel even works its way up into the burnt earth.

We're also firing a few pots today - Jeronimo is the lead hunch for today.

They dug a pit ≈ 35 cm deep and shaped like this

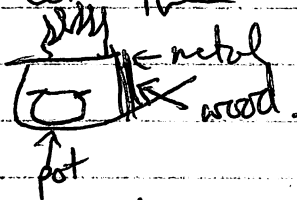


and made a fire in the deepest part.

128AT/²⁶~~18~~ - Next to Virgil to see what's going on there went down about 13 cm and found 2 large flat stones - I think that this is part of Sophocles.

back to firing pots.

The pots were placed one on top of the other (mouths facing each other) on the dying fire. Within 15 min the bottom pot had exploded. The other one is fine and the workers want to fire it using a piece of metal. It's going to let them because this is my last day.



128AT/²⁶~~18~~ - we now into more rocks - it makes sense b/c this is quite obviously a part of Sophocles - sherds, metal parts

128AT/²⁷~~18~~ - No of cur of Virgil to see what's there

128A7/1227 Virgil definitely goes over a Sophocles
which may extend also to the Works of
Virgil
shards got mixed into one bag -
says 128A7/1226

A few final notes on the clays used for firing

1. - 128AM/15-

At first I thought that this clay was
not worth anything. When dry it is a light tan
but it doesn't seem to hold together well, so
this clay was not used to fire.

2-435 - clay from the test pitting of a La Sierrita
depression by ~~Per Shode~~ - Per Shode

This clay is one that I never actually
saw dry, but might want to see Ber's
note to figure it out. This clay did turn
out to produce some small pots and was
quite easy to work. This was actually one of
my favorites.

3. 128AM/33 - This is clay from my test pitting
at 128 which actually fired up quite well
but was relatively hard to work. This may have
been from poor processing - because basically I
didn't do any. Color was a very dark grey
and it fired to the same color as everything
else.

4. 43E/09 - from test pitting by Christa? (#78)

As far as I can tell this really isn't a good clay, but is more of a ^{light} soil. It wasn't easy to work and so we didn't make anything out of it.

43F/19 - also from test-pitting at La Sierra by Christina (#78)
This clay turned out to be quite easy to work, however nothing was made from it.

43I/39 - testpitting by Bev Shode.
one of the best of our ridiculously small sample - It was easy to process (didn't need much) and easy to work.

43D/06 - this fired nicely - from test-pitting by #78. I believe that this clay is a little raw for figurines etc. but has the same large white inclusions as some of the larger thicker ~~test~~ pots.

~~Don~~ Don Jeronimo made some pots for me. The clay that he used was very easy to work and he even added some sand to it. He made 4 large pots and one small one. 2 of the large pots ~~were~~ and the small one were fired in the kiln and they are not great. To process the clay DJ basically just added water to the clay and worked it in with his hands, meanwhile removing any stones that were present in the clay. Then he made everything using a pinch pot method. He got his clay from the brick & to La Sierra.

Final notes on Structure A, Site 128, which is to the NE of the depression, also at 128

| feature | depth | height | orientation | width | length |
|----------------|--------------------|--------|-------------|---|------------------|
| name | (bd) | (bd) | | | |
| Plautus A | 76 cm | 12 cm | 80°/260° | 49 cm | 390 cm, 480 cm p |
| Plautus B | 50 cm | 12 cm | 80°/260° | 40 cm | 42 cm |
| Plato | 88 cm | 24 cm | 90°/270° | 52 cm | 280 cm, 480 cm p |
| Socrates | 82 cm | 13 cm | 0°/180° | 50 ⁺ cm | 85 cm, 330 cm p |
| Aristotle | 87 cm | 72 cm | 0°/180° | 36 ⁺ cm | 110 cm, 300 cm p |
| Homer A | 47 ⁺ cm | 10 cm | 0°/180° | 35 ⁺ cm | 220 cm |
| Homer B | 47 ⁺ cm | 11 cm | 0°/180° | 35 cm | 60 cm |
| Hippocrates | 53 cm | 47 cm | 170°/350° | 48 cm | 220 cm, 240 cm p |
| Aristophanes A | 81 cm | 47 cm | 90°/270° | 60 cm | 405 cm, 580 cm p |
| Aristophanes B | 80 cm | 56 cm | 90°/270° | 35 cm | 84 cm |
| Archimedes | 56 ⁺ cm | 50 cm | 130°/310°* | 120 ^s , 84 ^w , 160 ^d | |
| Sophocles | 84 cm | 42 cm | 170°/350° | 31 cm 45 cm | 130 cm |
| Virgil | 51 ⁺ cm | 29 cm | 160°/340° | 25 cm | 160 cm |

notes - depth - those #'s that are followed by a + sign indicate that the bottom of this feature was not found and the number given is merely where the excavation stopped,
orientation - the orientation given for Archimedes is the hypotenuse of this triangular floor. The other two sides lie against Hippocrates and Aristophanes
width - those #'s with a + sign indicate that one side of this wall was not found and so what could be determined as part of the wall was measured. The numbers in Archimedes row indicate the South side (^s), the West side (^w) and the diagonal (^d) lengths
length - those rows that have 2 numbers are partially excavated walls and the second number (cmp) is the proposed length.

Plantus A - construction type - med to large cobble
associated features

Socrates - at the western-most point, Socrates goes to the North.

Homer A - at 320 cm from western-most point
Homer A goes to the North.

Plantus B - Plantus B

Homer B - at 285 cm from western-most point
Homer B goes to the North

general notes - This is a nice wall built out of large to med cobble and is the main S-facing wall for the summit structure. This wall was not excavated to its eastern-most limit, but it was inferred that it would make a corner with Aristotle. This is the reason why there are 2 different measurements in the "feature breifs" table

Plantus B - construction type - med. to large cobble
(mostly large)

associated features -

Plantus A - ties at the northern-most edge of Plantus B.

general notes - This is simply a small projection from Plantus A. It could be here for any number of reasons. It does not go as deep as Plantus A and therefore probably was not part of the primary construction. It may be the remains of a wall that was torn down or steps up to the summit construction.

Plato - construction type - large cobble
associated features

Aristotle lies at the eastern-most corner of Plato and runs to the south into the excavation wall.

Homer A lies 170 cm from the eastern-most point and also runs S

general notes - Plato is the main north-facing wall of the summit construction. It has nice construction with large cobbles making a relatively wide wall. It is inferred to have a corner with Socrates, but that section was never excavated.

Socrates - construction type - med to large cobbles
associated features

Hippocrates lies at the southern-most point of Socrates and runs to the south.

Plantus A runs east from Socrates southern-most point.

general notes - Very little of Socrates was actually excavated, but what little has been shown that it was probably the main west-facing wall of the summit construction. Its depth and construction are similar to Plato and Plantus A. It also is inferred that Socrates would form the North west corner with Plato.

Aristotle - construction type - large cobble
associated features

Plato lies at the northern-most point of Aristotle

and runs ~~south~~ west.

general notes - Very little of this wall was excavated so we know that it formed the North east corner of the summit construction and was east-facing. Only the exterior side of this wall was excavated, but it may be that the other side of this wall is Homer A, which would make this both a basal wall and a bench. It is inferred that Aristotle makes a car with Plantus A.

Homer A - construction type - medium cobble associated features -

Plantus A lies at the southern end of Homer A and runs east and west.

Plato is at the northern end of Homer A and also runs east and west.

Homer B lies in the corner made by Homer A and Plantus A.

general notes - This wall/bench/feature was most likely ~~and~~ part of the original structure. The construction is of slightly smaller stones than the walls that form the exterior of the summit construction, but are about the same size as the interior stones of those same walls. This feature may form the interior of Aristotle, which would allow it to serve ~~as~~ two purposes, both as an exterior basal wall and a bench.

Homer B - construction type - medium cobble

This small feature lies in the corner of Homer A and Plantus A. It seems to be at the same level as Homer A, but also appears to be built after Homer A.

Hippocrates - construction type - medium to large cobble associated features

Socrates lies at the northern-most point of Hippocrates and runs to the north.

Plantus A lies at the northern-most point of Hippocrates and runs to the east.

Archimedes lies at 80 cm south of northern-most point of Hippocrates and lies to the south east and partially to the south. Also has a small addition to the west.

general notes - This was initially thought to be a terrace that formed a corner with Aristophanes A, but it is not as deep as Aristophanes A. Aristophanes A, however may be 2 construction phases in one. Therefore, this could either be a formalization of the edge of a ~~working area~~ platform surface, or the terrace that corresponds to Aristophanes. There may also be an unexcavated terrace farther to the west as on both sides of the Hippocrates, there seems to be fill.

Aristophanes A - construction type - medium cobble associated features -

Virgil lies 220 cm from the eastern-most point of Aristophanes A and runs to the north

Aristophanes B lies from 230 cm to 310 cm from the eastern-most point of Aristophanes A and is to the south of of Aristophanes A.

Archimedes - this triangular floor starts at 400 cm from the eastern-most part of Aristophanes A and runs to the inferred corner of Aristophanes A and Hippocrates

general notes - Aristophanes is quite obviously the terrace for this structure and lies to the south of every thing. It may have been built in 2 stages as the ~~rocks~~ level of rocks on top of the first one are set slightly to the north. It may have also formed a room with Virgil and a partially destroyed Sophocles at one point in time.

Aristophanes B - construction type - medium cobble associated feature -

Aristophanes B lies between 230 and 310 cm from the eastern-most point of Aristophanes A and lies to the south.

general notes - This is a 2 stone deep projection from the south facing terrace and may be a step (?) from ground surface to the top of Aristophanes. It now slopes ^{down} slightly to the south.

Archimedes - construction type - medium cobble floor

This feature is rather odd. It is a triangular floor that fits into the corner that Hippocrates

and Aristophanes are inferred to make. It starts at 80 cm south of northern-most point of Hippocrates and at 400 cm west of eastern-most point of Aristophanes A. This floor seems to be only one stone thick (deep).

Sophocles - med to large cobble (similar to summit construction)

associated features -

Virgil lies 30 cm from the western-most point of Sophocles and runs over a partially dismantled Sophocles to the North and South.

general notes - Socrates appears to be a construction that is from the same construction phase as the summit construction, both because of its similarity in construction and because the base of this wall is \approx the same as those of the summit construction. It has been dismantled from Virgil and west - possibly for material to build Virgil. This wall would have been part of a structure separate from the main summit construction.

Virgil - construction type - small to med cobble associated features -

Aristophanes A lies at the southern-most point of Virgil and runs to the east and the west.

Sophocles lies 90 cm south of northern-most point of Virgil and runs to the east and the west.

general notes - Virgil seems to be a later addition

to this structure and overlies and earlier Sophocles, from which the stone may have been scavenged to create Virgil. This wall is also rather hastily made and haphazard as it doesn't really have chunky stones and it doesn't run in a straight line. I + may have ferried at small room with the left-over Sophocles and the terrace Aristophanes A.

Kenyon College
NACO VALLEY ARCHEAOLOGICAL PROJECT

Burial Excavation Notes
Ben Carter #85 + Jaime Mooney

General Excavation Notes:

First found possible burial near structure 24 on March 11, 1996. Two human teeth and 2 long bones were the initial find. I believe that the workers may have removed part of the burial before realizing it. Partially excavated on March 12, but held off until help could be obtained from Jaime, the resident burial excavator. Most uncovered on 3/13/96 with his help 3 teeth initially found were determined to be a molar, premolar and incisor. Most of this burial is small assorted fragments that are not easily recognizable, except for the 2 long bones. ~~Picture and diagram~~ drawn. Photo taken.

First long bone - Femur oriented approximately $70^{\circ}/250^{\circ}$. Its linea aspera is facing up. Broken in 3 main parts. Both distal + proximal ends are fragmentary. Running parallel to femur is second long bone, which may be a femur, humerus, or any other long bone.

Other fragments found that may be fibula frags.
2 Charcoal samples taken - one relatively large and diagrammed on drawing.

Approximately 7.5 to 8 m N, 0 to 1 m E of horizontal datum and 1 m in ~~Lat #57 (128W)~~ 128W/54. Approximately 104 cm below vertical datum.

Under 2nd long bone was a mass of dense bone which may be another long bone. Photos are labelled ~~#~~ Structure # 25, when we are actually #24.

* 2 carbon samples were taken - the one labeled "2nd sample" is the one diagrammed and is also the larger one.

Completely finished 3/15/96 after screening the back dirt for more in which only a few shards and bones (small pieces) were found.