2004

PVC-001-Schortman-Field Notes-2004

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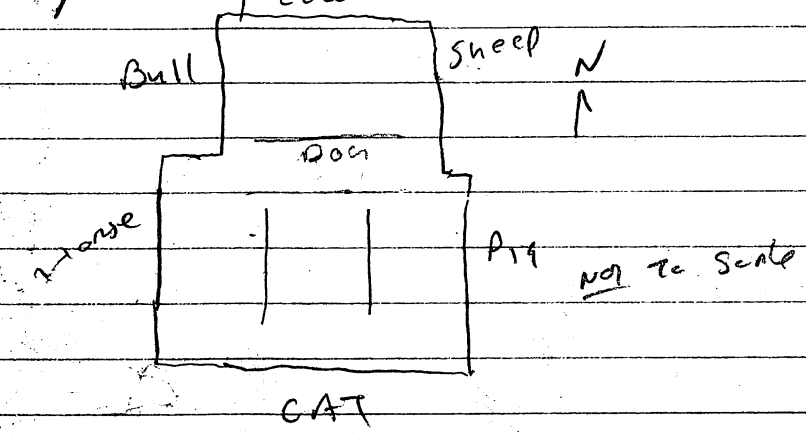
P04-01-01

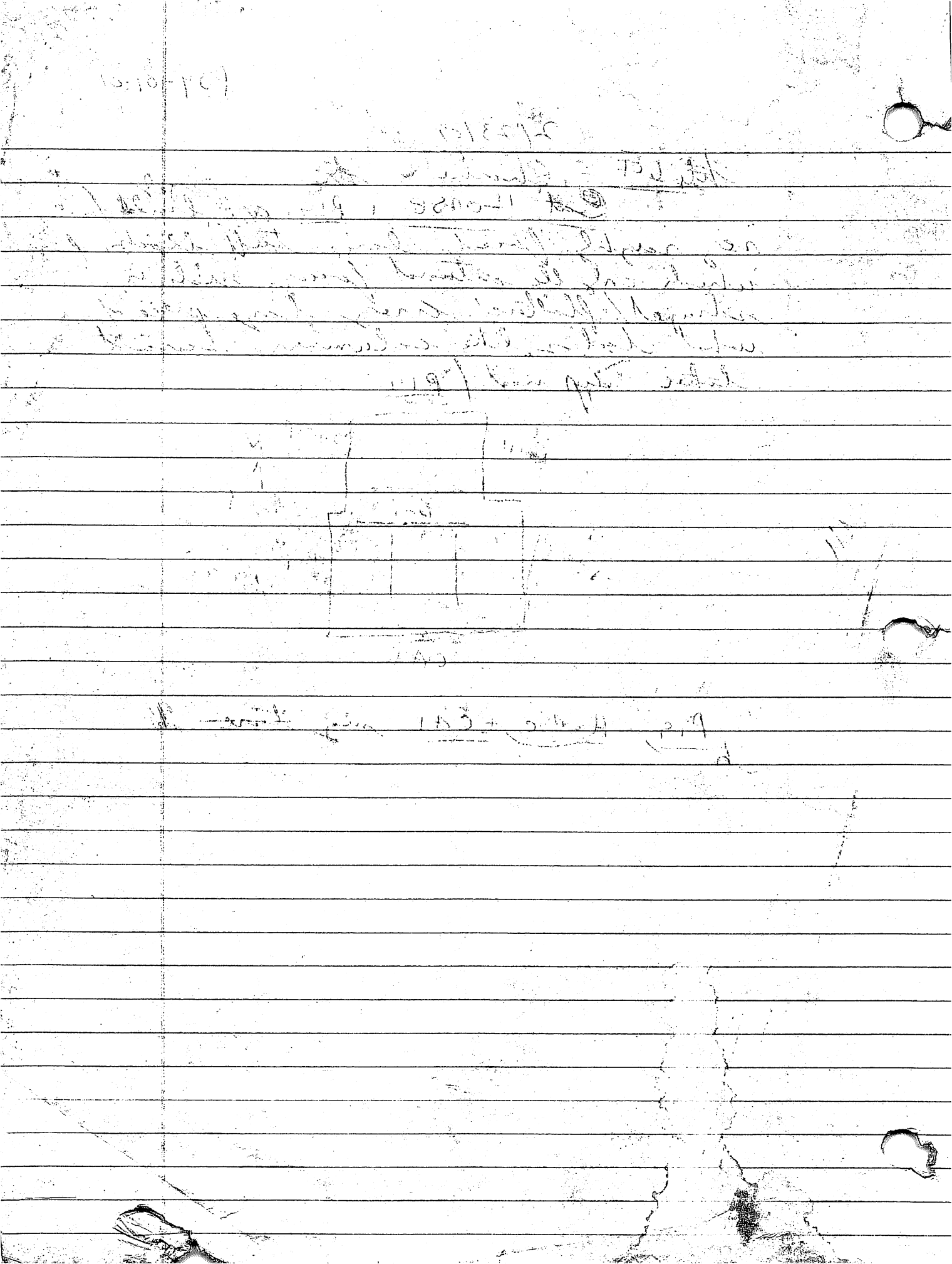
2/23/09

Site 407 - Charlie's site

East HORSE + PIG are built / erected very roughly fitted large tuff blocks of which only the outward facing side is shaped / flattened. Every large piece of what looks like columnar basalt lies ~~lies~~ dip north / PIG COW



PIG, HORSE + CAT may ~~be~~



P04-01-02

PIG, HORSE, + CAT may have originally connected w/ DOG and the latter lines up tolerably well with the corner of PIG + HORSE. I'm not sure that this is the case, however, as DOG seems set a little to the N. of the PIG/HORSE corner and I don't see clear signs of PIG + HORSE running behind (S. of) BULL + SHEEP. It may well be, i.e., that the whole str. was sacred in I period. If so, they there was an o. room/terrace, mostly surfaced w/ earth + at least 1 large s. room presently surfaced w/ small stones, ∆ + rubble.

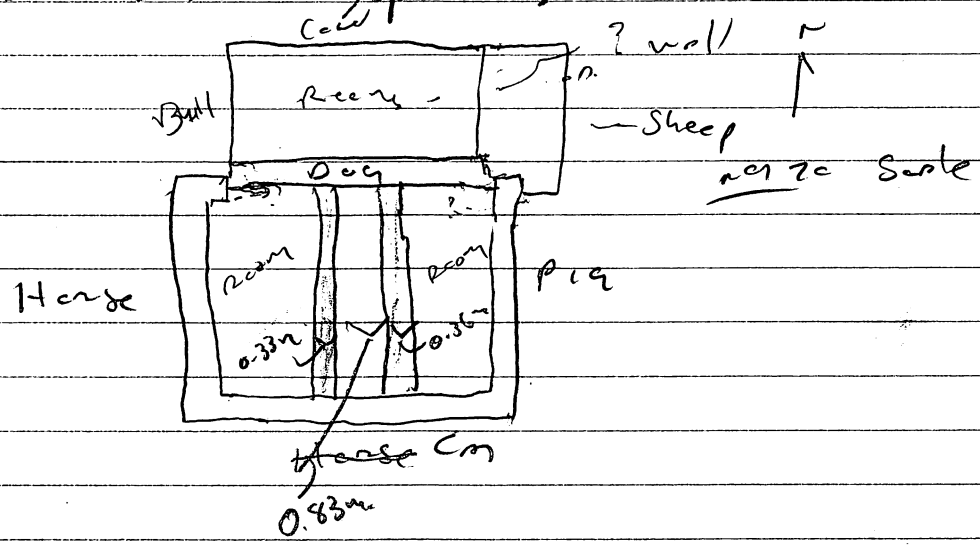
2 parallel lines of tuff stones, roughly laid (very much like those PIG, CAT, HORSE walls) run from HORSE N. to DOG. The S. line faces S. with fill while the N. line seems to face both S. + N. The distance between them is 0.83 m. + is filled w/ somewhat fewer stones than those noted N. + S. of the lines. They seem to be one stone high + to abut HORSE. Their relation to DOG is unclear - it looks like the N. line abuts DOG while the S. line is interdigitated w/ it.

Note - it looks like DOG faces S. somewhat more clearly than it faces N. but there are some flat faces looking in both directions.

Close 2 lines may define an entryway running N.-S. from a doorway near HORSE, + in its center is. If so, then

there would have been 2 small rooms in the S. part of the str. + 1 more open area on the N.

Note that SHEEP is not the E. wall of the N. room — that side is plugged by an unnamed wall. SHEEP is an indentation that abuts the unnamed wall + seems to wrap around + abut the NE. corner of PIG. Sheep indentation is bounded on all the exterior by a low line of stones where there have been inserted uprights + stone height. The indentation is surfaced primarily w/ reddish river cobbles, primarily small + relatively

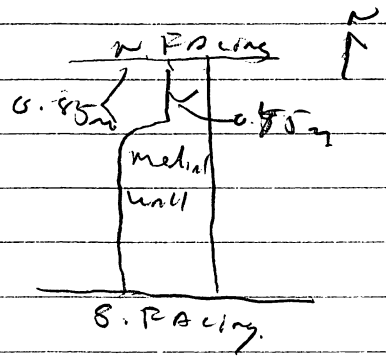


uniform in size, + densely packed. The comparable construction is noted on the W.

6-19-N09

P04-01-04

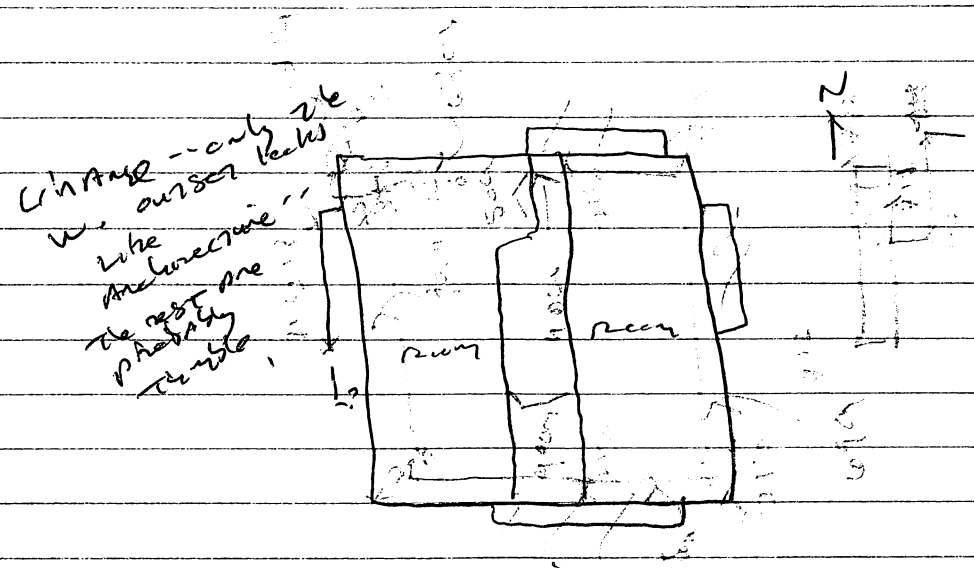
Leigh Lanne's str. -- Shrine is a barely low platform bounded largely by low (1 stone high) facing of tuff (primarily) + secondary basalt, the tuff having been roughly shaped to create flat faces oriented outwards. Running ± N.-S. down the ~~approxim~~ approximate center of the largely earthen - floored summit is a low but broad medial wall delineated + filled by fine rubble & stones. Could be a bench or simply screen divider. The medial summit construction runs up to + abuts the S. facing (1 stone wide) but remains gap. Lower (if that is possible) on it approaches the N. facing. Shrine letter area is about 0.85m wide N.-S. + 0.45m across E.-W., the E. face retaining the line which the W. steps in (the medial wall is ca. 0.9m across over the rest of the extent. Shrine 0.85m wide N. area may have been the door between the E. + W. rooms.



There seems to be second, 1-stone-high retreat on all 4 sides of the str.

P04-01-05

Lizzie Anne's Hse.



The additions / extrets would be ~~used~~ confused for trouble but they seem to be ± regular. From as I can tell, it looks like the extrets dist the level under but -- possible sets steps up onto a platform so low that it wouldn't need them?

The str. seems to sit on the red-orange, coarse-textured clay that underlies the site.

Exterior -- Str 3 (Charlie's) -- ridge to E summit line from E., w/ definite rock knob to the W. It may be that the E. room was originally lower than the central entrance, eventually filled up to a level equal to that of the entrance. The W. summit line faces both ways -- the W. room may have been lower or not originally. The apparent varying of ridge on the W. may suggest a doorway between the W + N. rooms, about 0-65 wide. The result is a Hence-like str. w/ a tripartite division on the S. plaza-facing side + a bigger room on the N.

[illegible]

[illegible]

(was #607 in Miranda's 2002 survey)

P04-01-06

614 ~~597~~ P16P0369134

Site ~~597~~ 598 1693661 accuracy to 9m.

~~Topographical~~ Site Description:

Relatively level terrain atop a terrace. West side of an unnamed quebrada. Western hills make their ascent roughly 200 m west of ~~598~~ 614. The closest water source is the quebrada, 75 m east of ~~598~~ 614 (currently dry). The Chamelecon is about 350 m east of ~~598~~ 614. Site 202 is about 400 m to the southeast. Site 607 is 225 m to the south. Owner of the site is Roberto Canahuati. Ground cover is dense, high scrub with numerous cacti. Ground visibility is good to poor. Used as cattle pasture. Rocks: angular and roughly shaped tuff and some river cobble.

Site ~~597~~ 615 624:

16P0369080

1693636 (accurate to 5m)

Description:

Same as site ~~598~~ 614. Site ~~597~~ 615 624 is roughly 60 m south of site ~~598~~ 614 with a dry quebrada in between the two sites, which is a tributary of the quebrada to the east.

The arrangement of RCs here look to be the remains of a patio group. Plowing is not known but it does look like these buildings were heavily disturbed. The looting is known at other sites, so plowing is the most likely culprit.

The wash to the N. is shallow (ca 0.5 m) and broad, ca 15 m across. There are numerous washes in the wash -- probably from sites ~~597~~ 615 + ~~598~~ 614 and/or from the hills to the west.

Site 3Q4-5Q6

Topography and Drainage:

[illegible]

Site 3Q7:

[illegible]

Topography - (Increase to 5m)

Drainage:

[illegible]

614 (changed site number to 2006) Change site

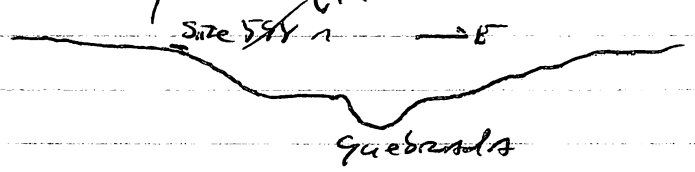
P04-01-07

Site ~~598~~
16P0369134
1693661 ACCURACY TO 9m.

614 615

Sites ~~598~~ + ~~597~~ - Site ground at both sites is fairly flat, sloping up gradually to the W. beneath the hills which start to rise fairly steeply ca. 200 m to the W.N.W. Rock outcrops are obvious on the surface of the hills.

Both sites site on a ca. 1.25 m high rise above the quebrada's low terrace on the W side of the stream course.



Clay shows up in the quebrada cut, a dark grey color here but to the N + S. there are large deposits of white hard clay -- very fine textured -- looks like the material that comes out of the 1'n fill and the largest site at site 607.

No shards seen on the sites' surface but some were recorded in the E. ~~bank~~ bank of the quebrada, about ~~150m~~ 125 m N.W. of site 607 -- likely coming from site 607.

614 Not possible to date the site -- site ~~598~~ looks like Sermeño Classic and because the 1 is fairly large for an Early Preceramic site. ~~Site 597~~ 615 may not be clearly assigned to a time period.

Alex Shattuck + Shikki Swayne ~~worked~~ worked Ellen Bell + me on the survey.

P04-01-08

The quebrada ~~the~~ runs along the w side of the Vega in the quebrada la Sheca ("neca" is an animal).

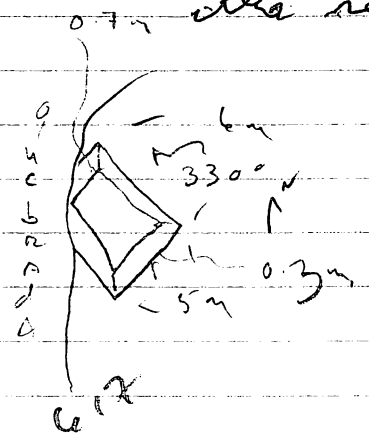
Mapping the edge of the cracked clay surface at Las Cavas, w. of Las Cavas.

16P0369309 / 1693357 7m accuracy
16P0369263 / 1693402 5m "
16P0369224 / 1693394 4m "
16P0369177 / 1693344 4m "
Site 601 16P0369160 / 1693302 - w. of clay.
16P0369233 / 1693290 4m accuracy
16P0369205 / 1693269 4m "
16P0369256 / 1693293 4m "
16P0369271 / 1693279 4m "
16P0369293 / 1693277 4m "
Site 599 16P0369312 / 1693259 4m " s. of clay
16P0369323 / 1693272 5m accuracy
16P0369315 / 1693345 5m "
16P0369296 / 1693360 4m "
Site 1, LAS CAVAS 16P0369364 / 1693400 4m accuracy s. of clay

P04-01-09

616 3/2/09 P04-01

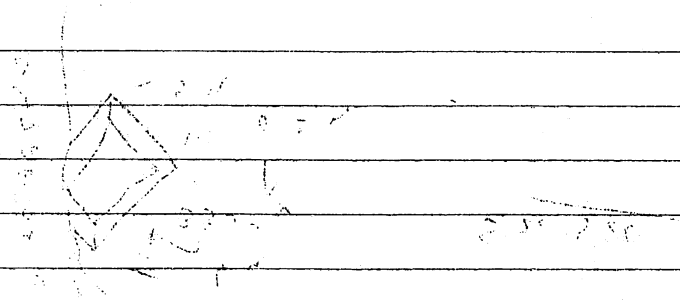
Site ~~596~~ -- on the lower terrace on the E. bank of the Quebrada de Mica, ca. 150m N and 3m down from Site 607 and about 100 E + across the quebrada from Site ~~596~~ 614 (16P0369221/1693624, 6m accuracy.). Gently level terrain on the lower terrace, the ground drops gradually here for ENE to WSW towards the quebrada. Low grass, cattle pasture, very good ground visibility. Cobbles dot the surface of the site - noted here, about 0.3m high, covered in cactus + small trees (where the grass gives way to higher, thicker brush along the quebrada. Part of the site may have been cut by the quebrada (the W. part?). No shards; Roberto Carabantes in the owner's house of the reservoir into the quebrada, no sign of looting or other recent damage.



Size ~~596~~ 616

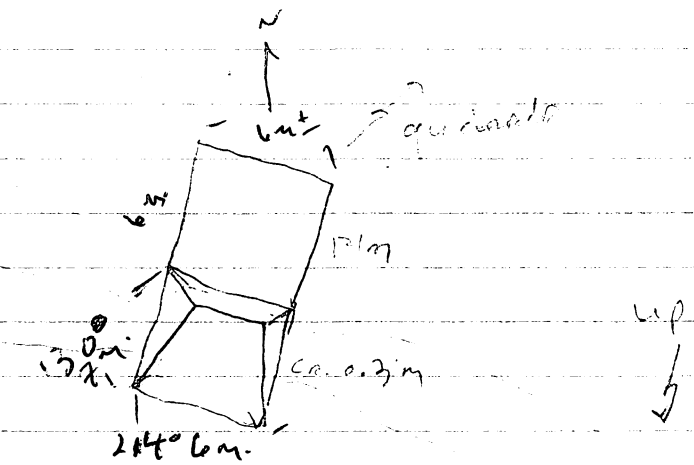
Site ~~595~~ -- located on terrain + in ground cover identical to that described for Sites ~~596~~ 614 + ~~597~~ 615 -- about 25m N. of Site ~~596~~ 614 along the W. side of the Quebrada de Mica between that quebrada (ca. 75m to the E.) and the W. hill (ca. 8m to the W.). Stuff + cobbles noted on the surface.

16P0369192/1693843, 6m accuracy. Cattle pasture lot, as with Sites # ~~596~~ 614 + ~~597~~ 615, not much level.



Site 535 (cont.) -

Sheetly & stones on the surface, rare cobbles. Most of the stones seem to be tuff.



Gray/light tan silty sediment in the quadrat of photo not at least 0.5m thick from the surface 16P0369271/1693871

Micaceous clay (6m accuracy)

16P 0369317/1693862 -- just E of the quad. in photo
16P 0369342/1693898 8m accuracy
16P 0369400/1693888 6m "
16P 0369416/1693874 8m " " w. edge old river channel
16P 0369439/1693872 6m " " center " " "
16P 0369485/1693899 7m " " E. edge " " "
16P 0369574/1693989 7m " " N. top veg. terrace
16P 0369582/1693982 6m " " W. bank " "
16P 0369543/1693907 5m " " " " "
16P 0369533/1693860 5m " " " " "
16P 0369488/1693827 5m " " " old channel
16P 0369462/1693786 5m " " middle " "
16P 0369430/1693746 5m " " E. bank " "
16P 0369449/1693716 5m " " " " "
16P 0369494/1693697 5m " " W. " " "
+ W. South channel terrace

16P0369488/1693827 6m accuracy, sandy, quite fine micaceous clay
16P0369488/1693559 1/2 the photo is in terrace micaceous silt/sand.
16P0369482/1693533, 4m accuracy, micaceous silt, 6m accuracy
16P0369482/1693533, 4m accuracy, micaceous terrace

The mica seems to be concentrated along the Clarendon + its old channels, one of which runs NNW/SSE through the N. tip of the vega. It may be that the mica covers pan-wide deposits. I tried to define the limits of the mica, very roughly, on the N.

The mica visible in the soil exposed in a cattle path in the field directly N. of Fan Canyon + E. of the last recorded point is about 7m E of the Clarendon terrace at the last recorded point.

Site 594 (618) -- a very scattered rock concentration about 10m N of Fan Canyon, 75m E of the new Clarendon on ± flat, recently plowed terrain; low grass, ground visibility is very good. No artifacts. Cattle pasture; Roberto Carabantes is the owner. 16PO369444/1693496, 5m accuracy. Pretty cobbles on the surface 6m N.-S. 4m E-W.

A second rock concentration is about 60m S. of the 1st and measures approximately 5m N.-S. x 7m E-W.

The rock density drops off to the N + increases somewhat to the S. towards Fan Canyon, being fairly dense at the base of the terrace ascent up to the center. It could be that a few very large + scattered structures were ~~on~~ plowed even in the field N ~~of~~ of Fan Canyon. The 2 scatters noted on Site 594 (618) are ± discrete though not dense -- they don't look like outcrops from Fan Canyon.

A mix of fair weather and serrig (7p.2) clouds, a mere breeze gusting out of the NNE.

P04-01-12

March 2, 2004

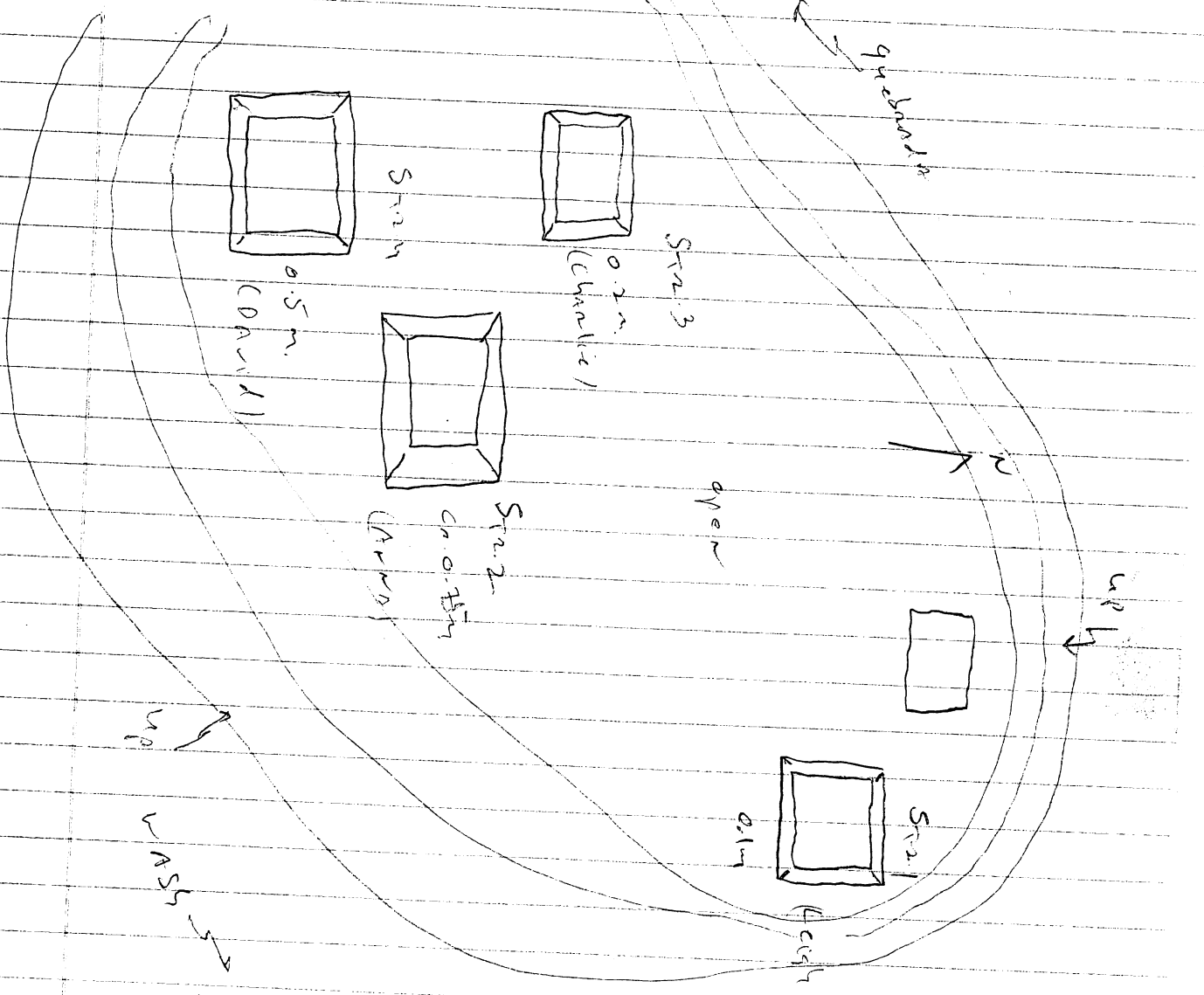
Site 607 16P0369147/1693530 5m accuracy.

Located about 300m NNW of Site 202 and ca. 200m N. of Site 601 against the W. flank of the vega bordered by the Quebrada de Mecia on the W, between the site + the hills. Site 607 is on about the same elevation as Site 202, on the same upper terrace. The ground slopes down steeply to the N.E. + W. to the next lowest terrace (N.E.) and the quebrada (W.) ~~separately~~. To the S. the ground drops more gradually to a wash heading W. into the quebrada. The summit of the terrace where Site 607 is located is ± flat and was covered with moderately dense grass scrub. We've cleared vegetation off the stones to the ground and removed some brush from the 5th building and the surrounding area: ground visibility is good to excellent. The soil seems shallow, as their A horizon overlying the generally red-brown clay that is found on the exposed portions of the terrace. Roberto Carabuchi is the owner. The Rio Chapelacon is about 375m to the E, while the quebrada lies about 50m to the west. Used as cattle pasture, there is relatively little evidence of disturbance — the largest platform (A+B+C) had a relatively shallow hole in the summit that may have started out as a looter's pit and was later converted to an animal burrow. The stones are a combination of tuff, some cobbles + other stones. Cobbles seem to predominate on the surface but tuff,

(Site 67, cont.)

roughly shaped, seems to predominate the fencing on site. — + — (Charlie's + Leigh Anne's) which rubber were used to face the larger (Annie's).

The structures in 2 groups running ± NE-SW separated by about 30m of open space w/ little/no evidence of architecture -- could be 2 periods of occupation -- LCL on the SW. + BPK on the NE, based on site form + str. size.



2004-01-17

3/2/04

Site 599 — located about 10 km W of Las Cavanas on the same high terrace on the Gallery terrace, about 300 m S of the W. bulge and 350 m W of the Río Chamelecon. Site 599 is on the S. edge of the area of cracked dark gray clay and sits on a low (two-m high) ascent (from N→S.) above the broad, shallow depression that covers most of the center of the second terrace W of Las Cavanas. Las Cavanas occupies an analogous topographical position on a low rise above the rest of the high terrace.

Covered in low, dense grass; so very good surface visibility. Used as cattle pasture. The 2 largest buildings do not appear to be appreciably disturbed while the smaller one to the N. looks like they've been plowed like the rest of the fields are; heavily damaged.

Cobble + tuff are found over the site — cobbles seem to be more numerous + some of the tuff looks worked/shaped as well as the few artifacts on the surface. The nearest fresh lies within 5 m of the site on the S.

The soil here is deep, a dark brown, moderately fine textured soil with numerous small included white flecks.

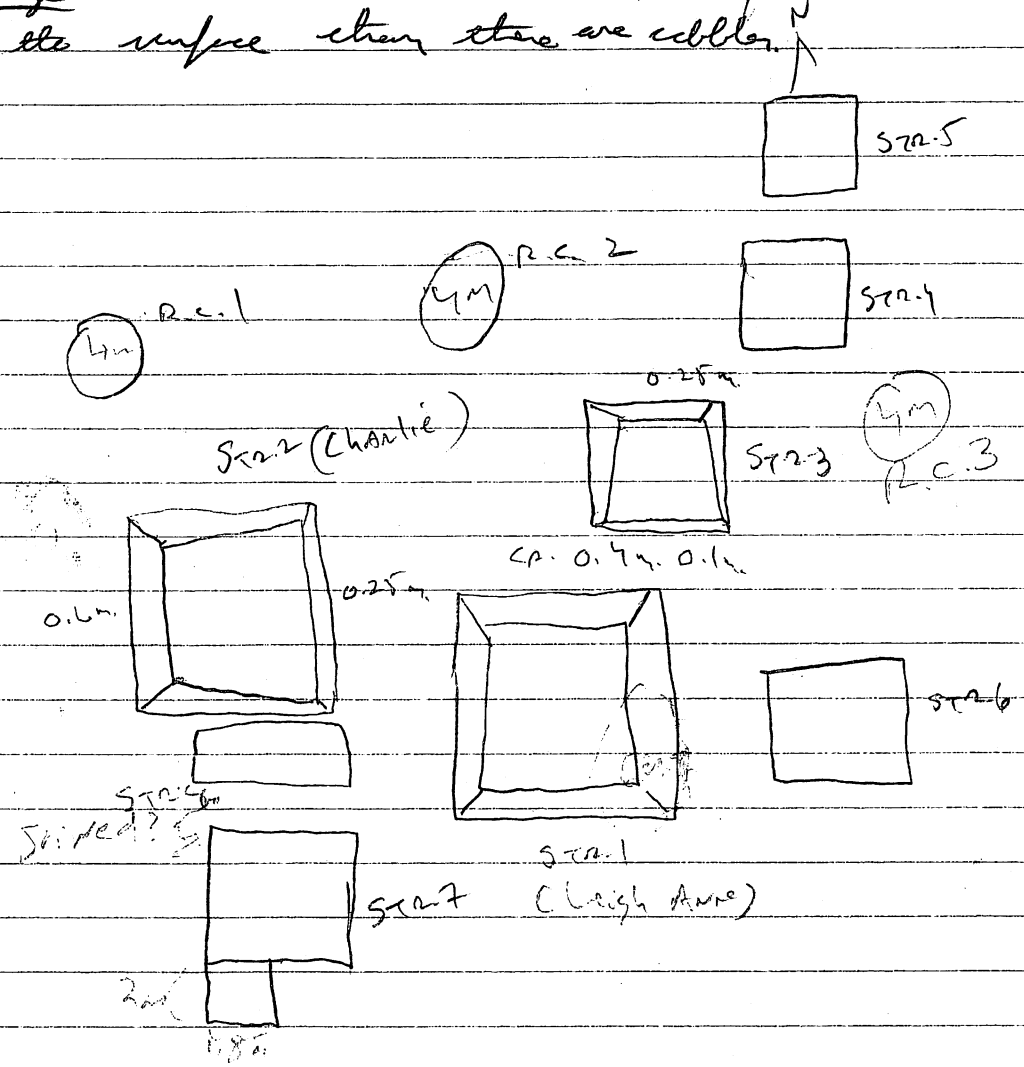
The size of the str. + their organization around a central patio suggest a Late Classic date for at least part of the occupation.

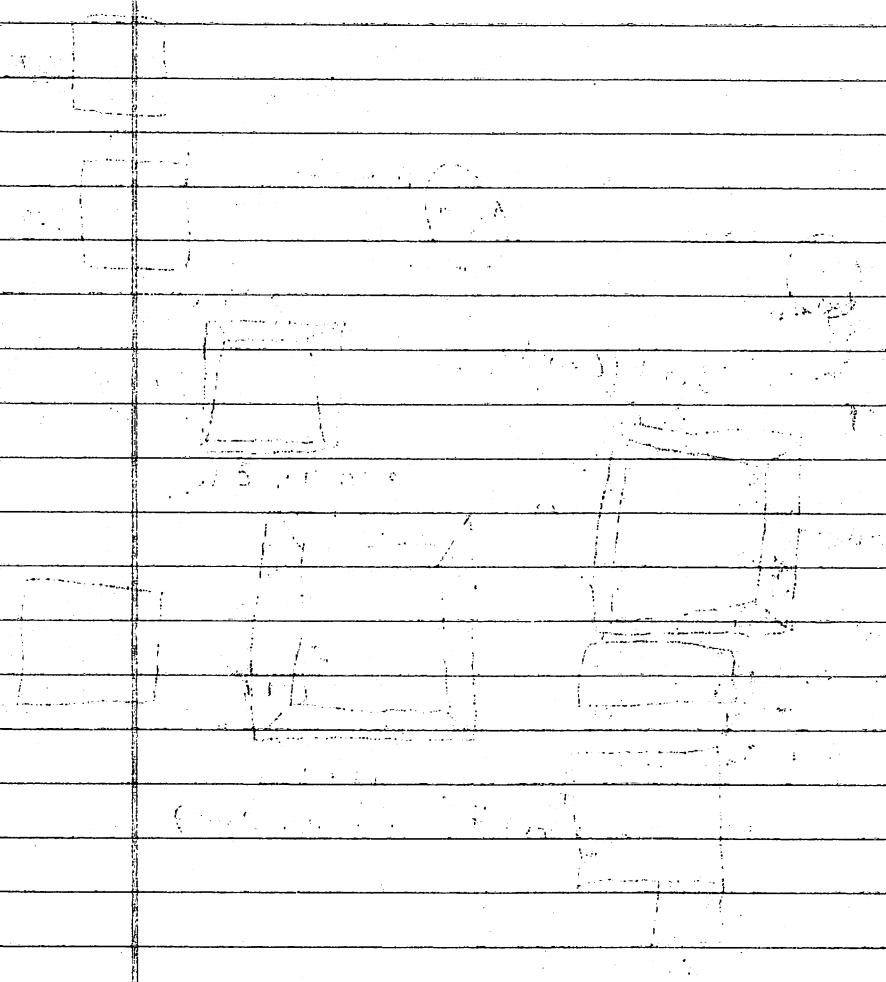
Roberto Canahuati is the owner.

P04-01-15

Site 529 (cont). 16P 0369298/1693255, 4m Accuracy

Charge -- there seem to be more tuff rather than on the surface than there are cobbles.



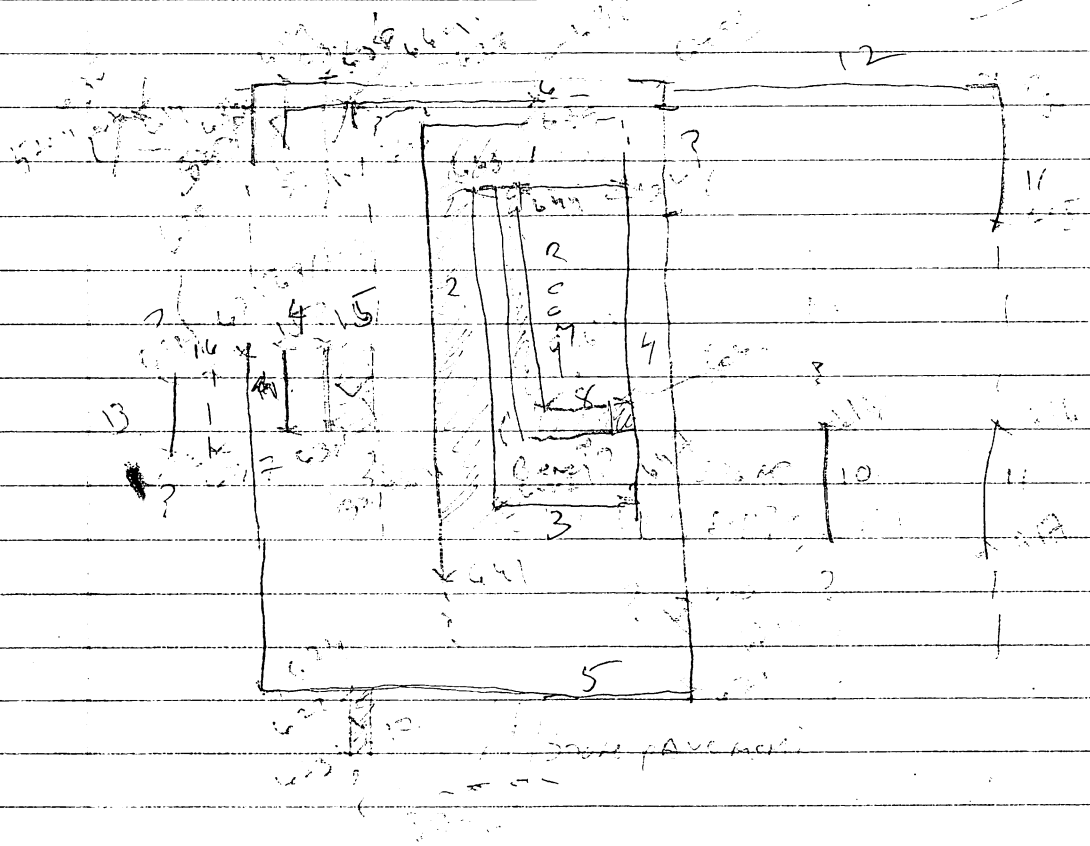


~~Sta~~ Point	∡	Distance
RC 1	287°	5.3m / 4m = Diam
Sta. 2 NEC	220°	5.5m
SEC	216°	11.5m
SWC	232°	13.7m
Sta. 8 NWC	217°	14.9m
SWC	215°	18.3m
SEC	194°	18.3m
Sta. 7 SWC	217°	22m
SEC	191°	22.05m
NEC	191°	19.35m
Sta. 1 SWC	145°	13.2
NWC	145°	8.55m
NEC	145°	9.5m
Sta. 6 Sta. 6 SWC	145°	14.95m
SEC	133°	17.55m
NEC	117°	14.1m
Sta. 3 SEC	130°	8.55m
NEC	110°	7.75m
NWC	114°	4.4m
Sta. 4 SWC	108°	8.9m
SEC	103°	11.15m
NWC	90°	8m
Sta. 5 SWC	73°	7.75m
NWC	51°	8.85m
NEC	64°	11.25m
RC3	89°	13.03m, Diam = 4m
RC2	20°	6.7m, Diam = 4m

P04-01-17

3/29/09

Site 607 - Annex 2 Stg



The site are seems to be defined by walls #1-4 possibly extending out to walls # 5, 6, 5, possibly, 7. Wall # 2 forms a clear N-S corner just inside wall # 4 suggesting that the latter was added later. It may be that the original core = walls # 1, 2, 3 (interdigitated w/ # 2) + 4 (wall #3 also may be interdigitated w/ wall #4. All of these walls are deep + wall # 2 (the only one w/ an extensive exposure of the exterior face) is built in a Cyclo style w/ clear courses of medium to large cobbles packed round w/ chunking stones. walls #5-7 may have been added

5m.x) 0.1m high
new. cont.

to their core, perhaps soon after the initial construction, to create a terrace that wraps around the building on the S, W, + N.

The summit consists of a large room in which was built an L-shaped bench (wall #8+9) that is very shallow. This bench completely covers the S.+W. summit walls. The fill of the bench + core in general is a soft tan to gray soil containing many large sherds (remnant of the Sth-1 hill set for Canyon).

On the E., wall #10 seems to be a terrace or step leading up to the summit -- the origin of how it articulates w/ the rest of the edifice was found. Wall #11 seems to be yet another E. terrace added later on time -- it seems to continue to the N. where the NE. corner was tentatively identified running back (w/ wall #12) to the core's NE. corner.

On the N, wall #15 seems to be an outlaunted construction against which a series of possible steps - (walls #14 + 13) were built. Wall #14 is between walls #7 + 15 + is fairly shallow -- not going as deep as the base of wall #7. Wall #13 is set out N. of wall #7 + is questionable - it has very shallow + was only found inside of the apsidal bench. Between walls #13 + 7 is wall #16 - it is slow up in the section of the apsidal bench. It may be that walls #13 + 16 are part of a set of later, limited steps. It is unclear how walls #13-16 articulate w/ walls #6 + 5 on the N. + S., respectively.

Wall #17 abuts wall #5 + runs S. for

an undetermined distance. Yet the B.-R. pit looks like a disrupted stone pavement where limits are unclear — it ~~appears~~ seems very, very upset + clearly well #5 + may be bounded by well #17 on the W.

So, it looks like the stone were — constructed in stages:

#1 The core platform, wells #1-4; 8-9

#2 Addition of the terrace: wells #5-7.

The steps: wells #14 + 15, possibly #13 + 16.

#3 Expansion of the terrace: wells #10-12.

#4 ~~Add~~ S. addition: Well #17 + the stone "pavement."

Site #607, David's st. -- The original building may have been a surface-level sto. defined by BANNY, WATER, ALEX, + wall #3 on the S., W., N., + E., respectively. The eastern side is the most obscure as I don't see how wall #3 articulates w/ BANNY on the S. to make the SE-corner -- it may be that this side of the building was repaired at during renovation. ENIGMA looks like it could have been an earlier version of ALEX, possibly burying TOÑO, which is earlier still. TOÑO + ENIGMA may come together on the W. -- but I can't see how TOÑO relates to ENIGMA or anything else for that matter on the E. -- it just seems to stop short of #3 on the E.

The additions seem to take the form of LAKE on the E and wall #5 which comes w/ LAKE to make the new SE. corner of the edifice. In addition, walls #2, 3, + 5 are built of vertically set stone, very characteristic of E. Portuguese building styles. Walls #2+1 seem to be free-standing elements that are linked to the sto. but extend off of it. ~~wall #5~~ seems to be an enlarged part of the edifice's S.E. side, having been built to extend BANNY at a different ∠ to the E. Between walls #1 + 2 + the sto. it seems to have been filled w/ dirt.

The summit/interior of the building looks to have been featureless

4/7/04

Ut-2 202 4.7 (David + Andrew)

The original building seems to consist of Swamp Thing, Daredevil, Strong Guy + Bullseye/Punisher. The E. wall (B.P.) is the most poorly preserved + has fallen away from the S. wall at the SE-corner. Built primarily of large tuff blocks most of which are at least roughly shaped. The floor is earthen.

The next stage saw the addition of 3 rooms on the W., set in a N.-S. line + defined by: Beast/Namor, Green Arrow, Green Lantern/Silver Surfer and Batman - Swamp Thing was seemingly extended to intersect (inter-digitate w/?) Batman on the N.

Flashman + Robin Upper were the initial main dividers running W. from their abutment w/ Swamp Thing to Green Lantern/Silver Surfer w/ which they may interdigitate (unclear). It looks like there was a door in the ~~t~~ center of Upper Robin + Flashman does narrow as the W. in strength it formerly stopped 43 cm W. of S.T. At some point the portals were sealed + passage between the rooms was either restricted or the whole str. was raised as the addition of fill and, if the rooms still existed, they would have been accessed by stepping over Flashman + ~~the~~ Upper Robin, under Lower Robin above S.T. + definitely under ~~under~~ Upper Robin -- could be an earlier version of the latter.

Beast + Namor look like the W. & S. walls of the corner running back from Green Arrow to S.T.

[illegible]

Ho-47 (cont'd) - It may be that there also served as a threshold between S.T. + G.A. facilitating passage into the SE room.

She 2 thin, shallow lines that run E. from Green Lantern flat on shut high up in the central E. room and may suggest that these slanted, and the neighbors, were filled in at one point.

She next plane near the constructing of a surface-level room set off the SW corner of Ho-47 defined by Mister Sinister, Unknown, Fugly, and G. Lantern. This earlier offset room contains an L-shaped bench built against most of the N. + all of the E. (G.L.) wall. Sentinel/Parallax, Servile in a shallow circle of stone off the room's NW. corner. Fugly/Unknown - Servile seem to shut ~~done~~ well + rule well above their lines - it may date to the next phase.

Lower Beast seem to abut Upper Beast but in is bigger, enveloped by Pedestrian in short step-cut to the N. from Beast which Pedestrian abuts + runs over. L. Beast may have been removed in the original N.-S. trench in stone of it seemingly continues on the E. Tactless is set in front (W) of L.B and further it. Tactless' connection to U.B. is unclear and we have it on the E., where it seems to have fallen off downslope. Possibly Tactless was built to reinforce Beast on the NE. corner.

Green Arrow on S. ~~seem~~ is reversed by Mister Sinister, Speedy + Prof. X. Speedy is a step-cut that, may Black Canary, may have defined

Rm. 47 (cont.) the perimeter of a surface-level room. Prof. X's relating to DARedevil is unclear -- as was the case w/ TACLESS, preservation is poor on the E. downslope, side of Rm. 47.

Note, in the SW corner of the lateSW. room there is an outlet that may have served as a shelf.

VENUS + SABRETOOTH are shallow late additions to Rm. 47's large E. summit room. This late period may be when the E. line of room was filled in.

The terraces off the E. are not well-preserved but the land does not seem to reveal a straight line -- N. Bay → BACK W. TO LORES US (connection unclear) → ARTHUR which runs E to BATMANUEL. Certainly, drawing does not use all the way across to ARTHUR

Rm. ___ (LAURA'S) - This rm. seems to have begun as a small platform defined by SCALIA, O'Reilly, NEWT, + HATCH. Very little of the summit is currently known but Woodrow Wilson may be remnant of summit line/divided. REAGAN + SEYMOUR were added on the NE + SW, respectively to expand the building, though Reagan, at least, does not extend the full length of the platform NE side. Oliver North postulates HATCH argument which it is not + admits but O.N. is hardly clear + we may not postulate HATCH by need. THOMAS may be the Arabic SW. side of SCALIA

Nth. — (LAURA'S, cont). -- The final phase consists of KARL ROVE (superb step backing against + obstructing HAGEL + reaching above O. NORTH, ARNOLD, which looks like a pretty unnecessary step or retreat against O'Reilly, Gardner, SMITH -- a very sensibly late construction of the platform in N-corner (SCALIA / O'Reilly).

Below G. SMITH is a line that shuts REAGAN + runs in front of + above SCALIA -- possibly a terrace that dates to their final phase but predates G. SMITH -- looks like their lower line runs back to shut the SCALIA / O'Reilly corner.

JEB BUSH may be a late line contemporary w/ G. SMITH

P04-01-24

4/22/04

Site 598 -- located on the Roberto Carabantes ferrocarril of San Carlos, ca. 30m N of the Río Chavelecas and immediately E. of a deep (ca. 1m) seasonal stream channel which has seasonally eroded the S. side of ~~the~~ the site (especially ltns. 6+7). Level terrain that gradually drops E. & S. towards the river -- the descent to the Río Chavelecas is ~~steep~~ a steep ca. 15m. The site consists of river cobbles, mostly local river cobbles, arranged around all sides of a patio -- very few earthen areas noted. The N, W, & S. sides of the site are in very low grass w/ excellent str. visibility -- the E. side is still covered in dense, low thorn scrub - moderate str. visibility. Ltns. 9+15 have been looted, the looting in ltn. 15 being especially dramatic -- out of the S. side and the summit down to str. ± bare. Used as cattle pasture. Generally in good shape. Late Late Classic.

5/11/04

Site PVN 29N/49, ca. 1 km N. of Site 116 (LA JAMBOREE) in what is now the S. laundry of Stony Point's land. Very clear, recently planted in corn (the dry stalks, litter, but do not appreciably obscure the ground) it seems ready for planting -- the foreground is visible in most places. A lot of trees have been cut here + N. of Galvadera + the La Acequia road. Though not plowed, the site has been disturbed in stages leveled or bulldozed at some point. Very few rocks are visible on the surface, however though sherds + some lithics (mainly perlite / obsidian) are fairly common.

Consists of 1 large, reasonably earthen mound that is ca. 2.75 m high. Some may have been after constructions to the N.W. + NE flanking a "plaza" open to the N. The quebrada that borders Site 116 has ca. 5 m to the W. + runs SSW for here. The site is on a flat terrain that drops off ca. 45 m N. of the site to a broad, shallow depression before rising to the W. toward the site of Galvadera. This depression could be a run-off dropping to the E.

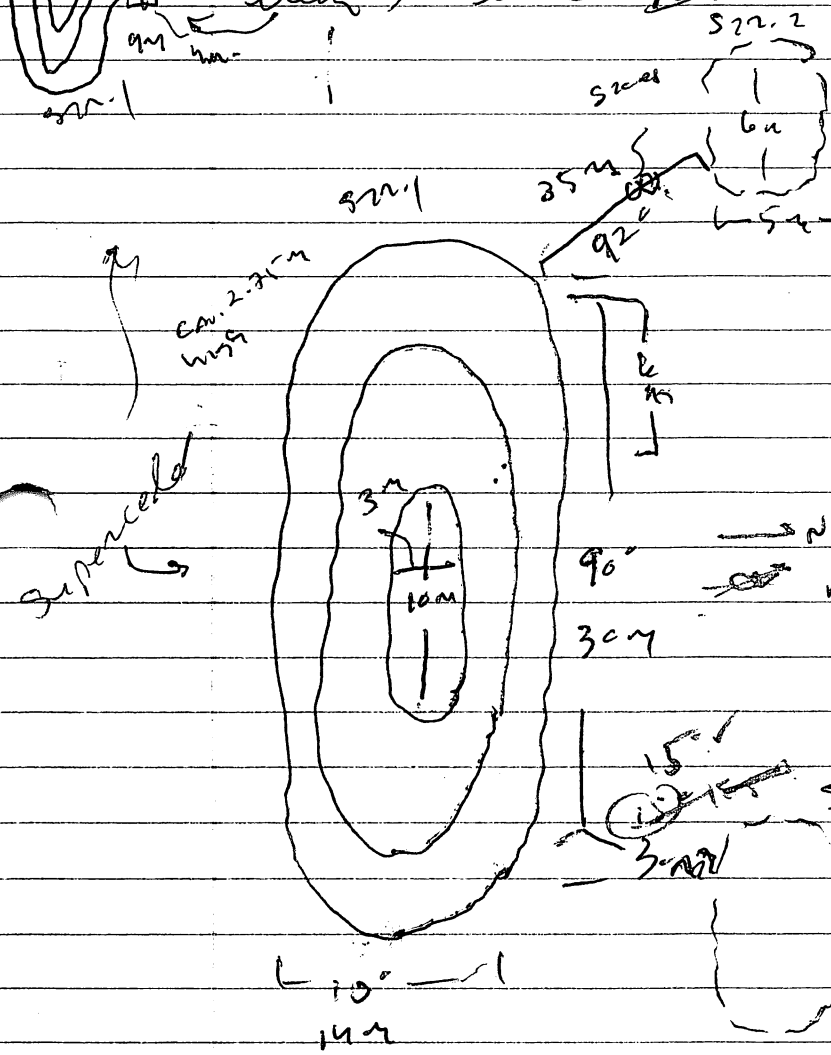
Soil is brown, fine-textured + seems to be fertile. Apparently farmed by people who are share-cropping -- one of our former workers lives + works here now

P04-01-24

late Pvq 298

grid 2 (cont.).

From the ± NW corner there may be a projection measuring 5m across E.-W. + extending out 4m to the N. The slope is shallower ~~the~~ here than to the E. The rock rises in the surface NW.

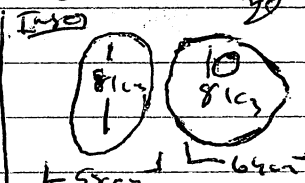


From the ± NW corner (Str. 1 to Str. 2 is NW corner, 92°, 35m.

Str. 2 is ca. 0.1m high, earlier with 2 large cobbles in evidence on the S. flank + covered in plants.

6m × 5m, oriented 90°.

→ N 19m + 92° from the Str. 1 NW. corner, 2 large cobbles.



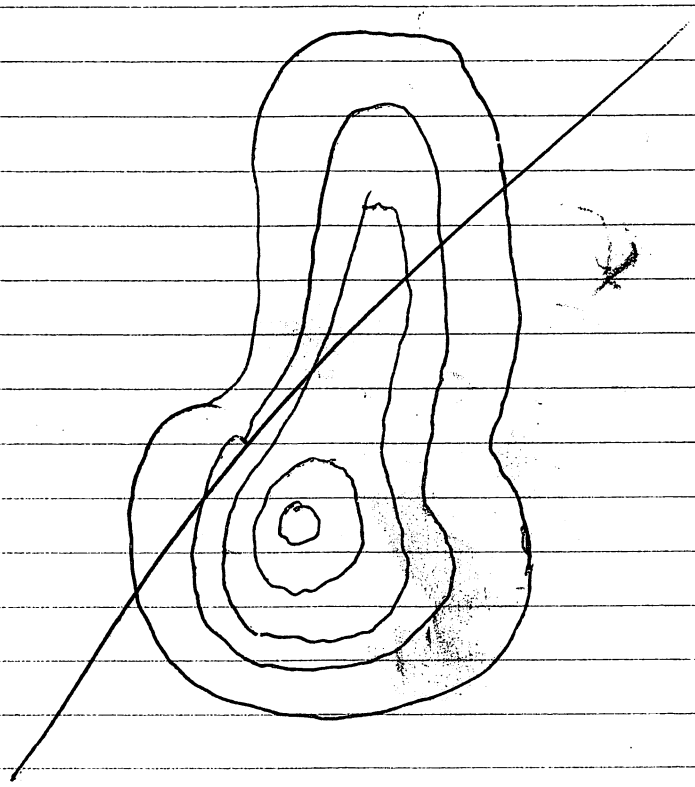
16cm between them

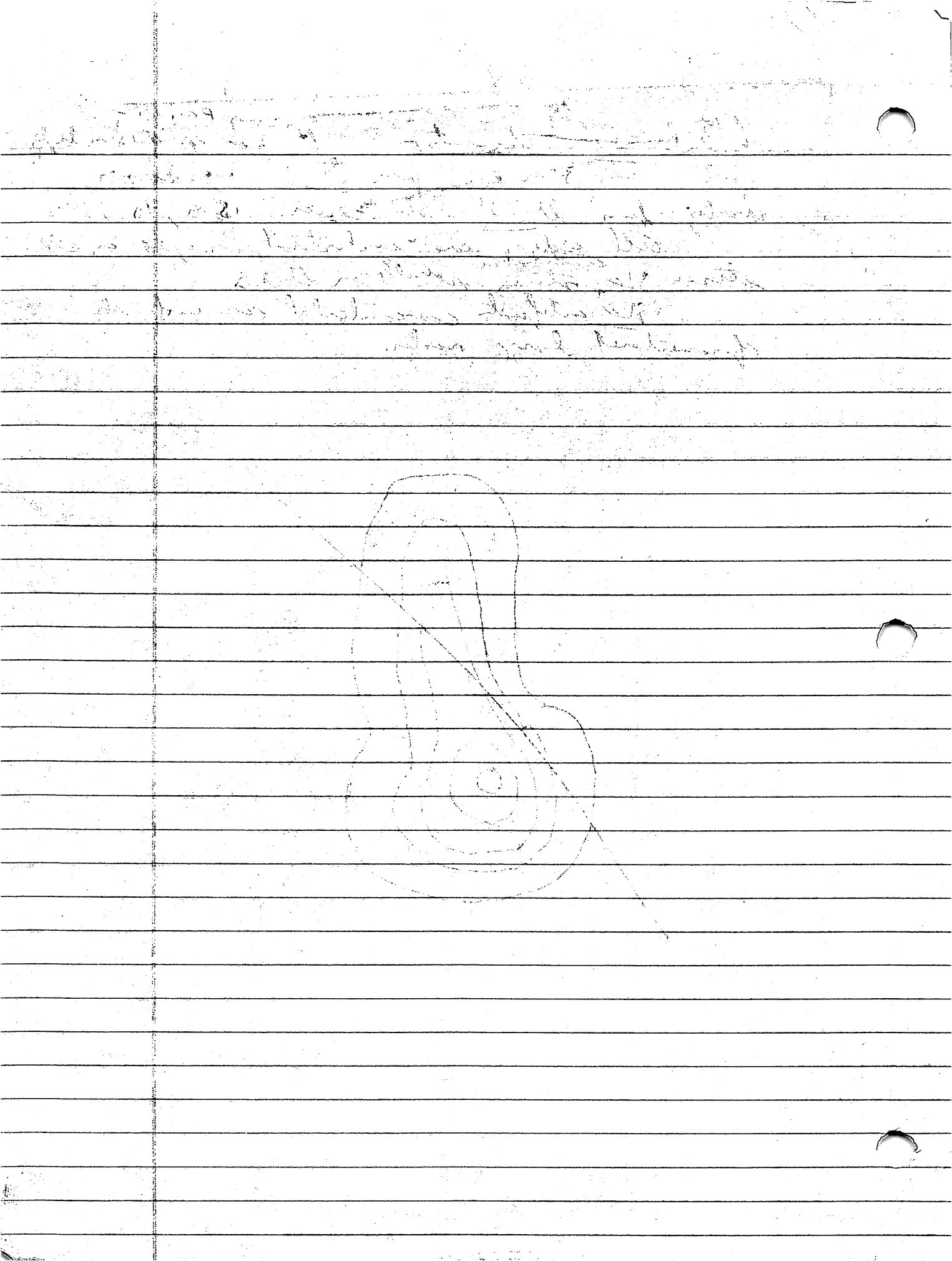
~~Use~~ The E. rock has a ± circular depression in it: 0.12m in diameter + 0.07m deeper on the ~~upslope~~ ~~upt~~ upslope (S.) side + 0.03m on the downslope (N.) side. Could be natural. The diameter is 0.035m at the base. Both rocks are of the same material -- white, mottled ~~coarse~~ coarse + pale-speckled black, fine mica, ~~fine~~ granular -- looks like granite to me.

Ltr. PUN (298) (cont.) 15° — Ltr. 3 is ca. 9-15 m highly eroded, ca. 3.0 m + from Ltr. 1 in SE corner, sloping from Ltr. 3 in SW corner. 18 m, 75°; 10 m.

All edges are undistinct + require excall. Ltr. 3 is construction stone rubble on Ltr. 3.

Pot. entirely concentrated around the supposed large rocks.





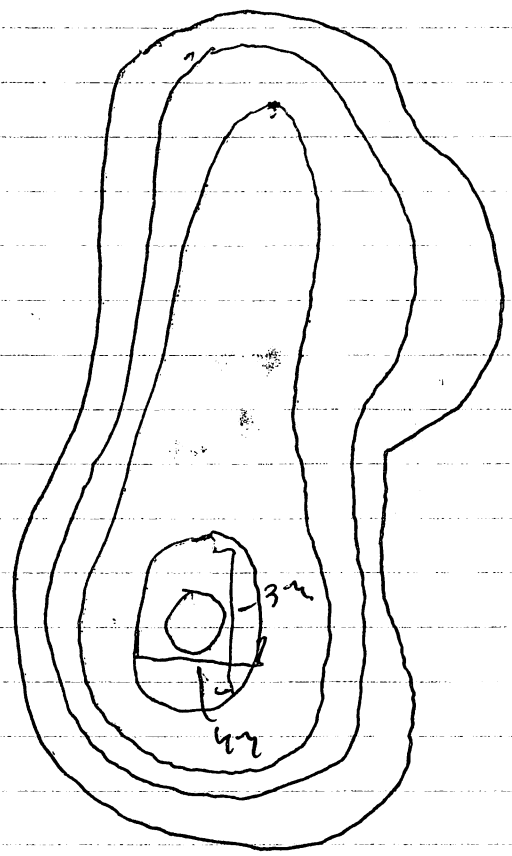
PON-01-28

Site PVN 278 (cont). Have redrawn Ito-1 to show a higher emergence on the S. ca. 3 x 4m; this point is 2.75 m high which is the w. site ca. 1.9m high; otherwise, the former description holds.

Antipath still near base ca. 25m at least

S. of Ito-1.

~~coordinates~~



Ito-1

→ N

5/13/94

coordinates: 1327 344
1671759

not valid

5/25/04

Sirelki

IH-1443

	Point	∡	MID	Distance
Str. 2 1	Wilmer W.	36°30'	2103 ~~2103~~	17.46 n.
2	" E.	35°10'	2050	16.64 n.
3	Mitton S.	33°01	1836	17.40 n.
4	" N.	30°20'	1836	18.15 n.
5	Chavello W.	30°10'	1714	18.21 n.
6	" E.	31°30'	1635	18.71 n.
7	Adan E.	34°25'	2017	16.89 n.
8	" W.	29°30'	1945	16.30 n.
9	Olivares S. (base)	23°40'	1760	17.86 n.
10	" N. (top)	22°30'	1464	18.62 n.
11	Jorge N. (top)	19°01	1877	17.76 n.
12	" S. (")	20°01	1814	17.14 n.
13	Rafael S.	18°15'	2045	16.59 n.
14	" N.	16°45'	2093	17.10 n.
15	Juan N. (top)	14°35'	2026	16.81 n.
16	" S. (")	16°20'	2001	16.23 n.
17	Camille N. (")	12°40'	2067	16.48 n.
18	" S. (")	14°20'	2091	15.80 n.
19	Julian W. (")	21°30'	1841	21.07 n.
20	" E. (")	23°15'	1799	21.82 n.
21	Mario E. (")	25°30'	2170	23.55 n.
22	" W. (")	20°01	1820	21.60 n.
23	Rosinda W. (")	17°35'	2343	23.00 n.
24	" E. (")	19°30'	2360	23.43 n.
25	Chepe E. (")	18°45'	2668	23.82 n.
26	" W. (")	17°01	2679	23.59 n.
27	Melvin ? N. (")	26°01	2581	24.00 n.
28	" ? S. (")	27°01	2624	23.72 n.
29	Melvin N. (")	32°01	2411	21.60 n.
30	" S. (")	32°45'	2321	21.16 n.

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Size 161 ~~Sr.2~~ IH 1443 5/25/04

	Point	∠	Mid	Distance
1	Jacaranda W.	252°45'	1325	7.27m
2	" E.	253°30'	1352	5.43m.
3	Fir pt.	275°0'	1434	5.80m
4	" "	277°0'	1354	5.70m
5	" N.	292°0'	1432	6.88m
6	Pine NE.	283°10'	1363	8.40m
7	" ~~SE~~ PTSE.	275°50'	1363	8.02m
8	Bamboo NE.	273°30'	1284	8.01m
9	" SE.	255°20'	1235	7.36m
sub 10	Spruce S.	272°0'	1316	10.63m
11	" N.	276°0'	1379	11.08m
12	Oak (palm) W.	276°55'	1251	10.72m
spl 13	Chestnut W.	288°30'	1444	10.87m
14	" E.	289°45'	1536	10.69m
15	Maple W.	283°55'	1100	12.76m
16	Oak N.	292°0'	1216	14.64m
17	Maple E.	301°20'	1592	9.98m.
18	Willow N.	307°30'	1504	12.00m
19	Aspen E.	303°0'	1261	13.58m
20	" W.	301°0'	1269	14.04m
21	~~Pine~~ TREE NW.	299°20'	1156	13.71m
22	" pt.	297°0'	1140	12.85m
23	" pt.	296°10	1196	12.30m
24	" SW.	294°30'	1210	11.88m
25	Elm SW.	296°30'	1267	16.12m
26	" pt.	298°30'	1258	16.69m
27	Birch W.	311°20'	1572	18.76m
28	" E.	313°20'	1650	18.41m.
29	Elm ~~pt.~~ PT.	318°0'	1656	22.20m
30	[illegible] pt.	316°0'	1555	22.55m
31	[illegible]	323°35'	1699	12.42m
32	" "	322°0'	1916	11.56m.
33	" " SE	303°15	1466	5.94m

5.34m 1445 SE. 296°20' 20 34

Site 161 5/25/09 GPS 1689181 1636214

	Point	∠	Mid	Top ~~Dist~~	Bot.	Distance
1	Site 2 SE	45°30'	3386	3490	3284	20.6m.
2	" SW.	25°01	2866	2935 ~~27~~	2799	13.6m
3	" NW.	7°30'	3049	3143 ~~3074~~	2935	20.8m.
4	Site 3 SW.	325°30'	2690	2791	2590	20.1m
5	" NW.	326°20'	3636	3790	3485	30.5m.
6	" SE.	5°25'	3034	3144	2929	21.5m.
7	" 4 NE	320°30'	2698	2625 ~~2685~~	2567	25.8m.
8	" " NW.	312°01'	2649	2790	2510	28.0m
9	" " SW.	304°50'	2231 ~~2331~~	2348	2119	22.9m.
10	" 5 SE	300°30'	2208	2335	2185	25.4m 15.0m
11	" 4 NE	308°10'	2563	2709	2420	28.9m
12	" 4 NW.	302°01'	2460	2619	2300	31.9m.
13	" 6 NW.	312°01'	2897	3053	2733	32m
14	" 4 NE	316°01'	2840	2993	2690	30.3m.
15	" " SW.	308°45'	2444	2795	2495	30m.
16	" 7 NE	293°25'	2200	2375		35m.
17	" 7 SE	(?) 280°30'	1159		0910	49.8m
18	" 7 NW.	277°01'	2570	2839	2305	53.4m.
19	" 8 NE	276°10'	2621	2902	2345	55.7m
20	" 7 SE	274°25'	2430	2706	2132	57.4m.
21	" " NW.	274°30'	2670	2965	2375	59m.
22	" 9 center	211°50'	1010		0905	21m.
23	" 10 "	142°15'	2383	2444	2325	11.9m.

Above 1.10 m; 1.06 m roughly

Cattle pasture, relatively level, ca 56 m S. of the Rio Cacaulaya & across that river & ca 15 m S. of Site 120 (same corner of both sites). Low, dense grass -- ok. sh. verbally light pear ground verbally brown but textural soil occupies the leg of a terrace leading down to a restricted floodplain of the Cacaulaya which pinches out below the site by the Frontera to the B. to clear stream, 7+8 quebrada 9+10 N.C.S.

Ltr 161 (cont.). -- Ltr. 7+8 are equivocal. Sto 9 here are stone scatter along the terrace edge overlooking the Rio Cocoulapa + there could easily be part of that set of rock concentrations. Ltr. 7+8 seem to have sufficiently clear lines to be classed as buildings but they are in truth little different from those S. neighboring.

Ltr. 9+10 appear as rock concentrations -- could be destroyed buildings or fragments of a pavement similar to what Tejeda saw exposed around Ltr. 1 (B/W). Sto clear lines were observed here.

Charlie's sto. Ltr. 2 seems to be a substantial platform w/ 1, ~~rela~~ feature-less summit room. Sto building leads W. over a series of steps / terraces -- Raphael may have been the original W. land well / steps succeeded by Jaso wheel, in turn, was buried by Camilla

Milton + Adam on the S. may define the E + S. sides, respectively, of a bench or room dwelling raised on the E. broad S. terrace. Both the N + S terraces are wide + may have been covered living space under the eaves. Sto E. wall, melvin, is sheer + not well preserved -- it is built into the terrace ~~site~~ scarp. A casual but extensive rubble addition was seemingly pegged onto the E. land wall (melvin) + possibly, its S. counterpart (wilmer). If so, the E. addition was put in place after melvin was already springing out to the E (like Charley's sto. at Ltr 599 where the W. ramp was added after the W. land wall already falling out to W.

Site 161 (cont.)

Str. 1 (Leigh house) - started out on a fairly small platform w/ a N.-S. running medial wall (TREES) (Basal walls: Oak, maple, willow, + Aspen). The fill seems to be of earth + spruce; the summit is supported & seems set in E.-W. line -- no built-in furniture was noted.

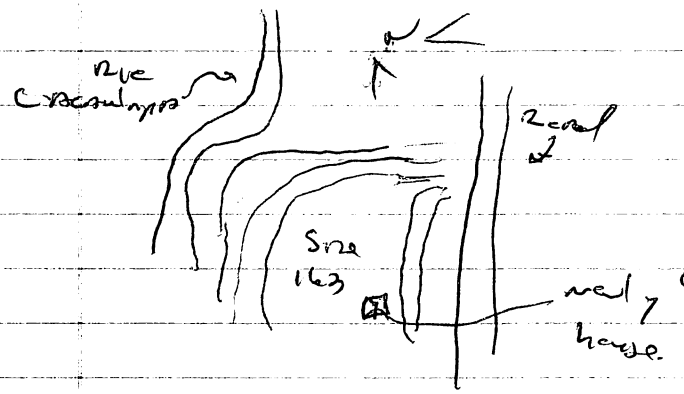
Immediately to the S. is Sub-1, either a very low platform or a surface-level room also divided by a N.-S. running wall: Pine / Banyan into 2 rooms set in an E.-W. line. The basal walls (Spruce, Palmetto, Fig, + Jacaranda) contain a fill of mixed stone + earth - less stone than was noted in the surrounding Elm pavement. The east perimeter wall (Fig) drops - leaves about 1/2 way along its length, stepping out to the E. as it runs from S. to N.

Both strs. were subsurface up to their preserved tops (Sub-1) or nearly to their summit (Str. 1) by the addition of a dense but ~~all-at~~ cobble fill w/ ill-defined limits (Elm). Elm lies sup. on the W. side of Str. 1 (Oak) + may run all the way N. to Str. 4. On the W. it continues for at least 3 m E. of Str. 1 (willow) + Sub-1 1.35 m E. of Sub-1 (Fig). It's unclear how Elm relates to Sub-1 on the S. but it doesn't seem to continue W. of Sub-1 or Str. 1.

This is a similar situation to what Leigh House found at ~~Str. 120~~ Str. 120 where her platform (Str. 4?) was buried up to ± the top by the addition of a cobble fill on which Str. 5 (Str. 12?) was erected. EPC creation of large relatively open spaces? The resulting construct. is ± 60.7.5 m x 21 + m.

5/26/07

Site 163 – Found on the W side of the highway between the road & the slope, ca 15m, drop to the Rio Cacaulapa on an area of recently cleared land that drops S.-SW. towards the river. Belongs to the Gualdrón family who own the small fenced building on the S. side of the same road. The Cacaulapa runs N. then NW around the site, ca 30m to the W. + 60m to the N. Planned area for milpa, but not planted as of today. Thunders seem to be built primarily of river cobbles. Most are set into natural river that enhance the elevation of 1 of them, at least. It looks increasingly like there is a history of late Classic settlement on both banks of the Cacaulapa back to El Cayote, but not continuously.

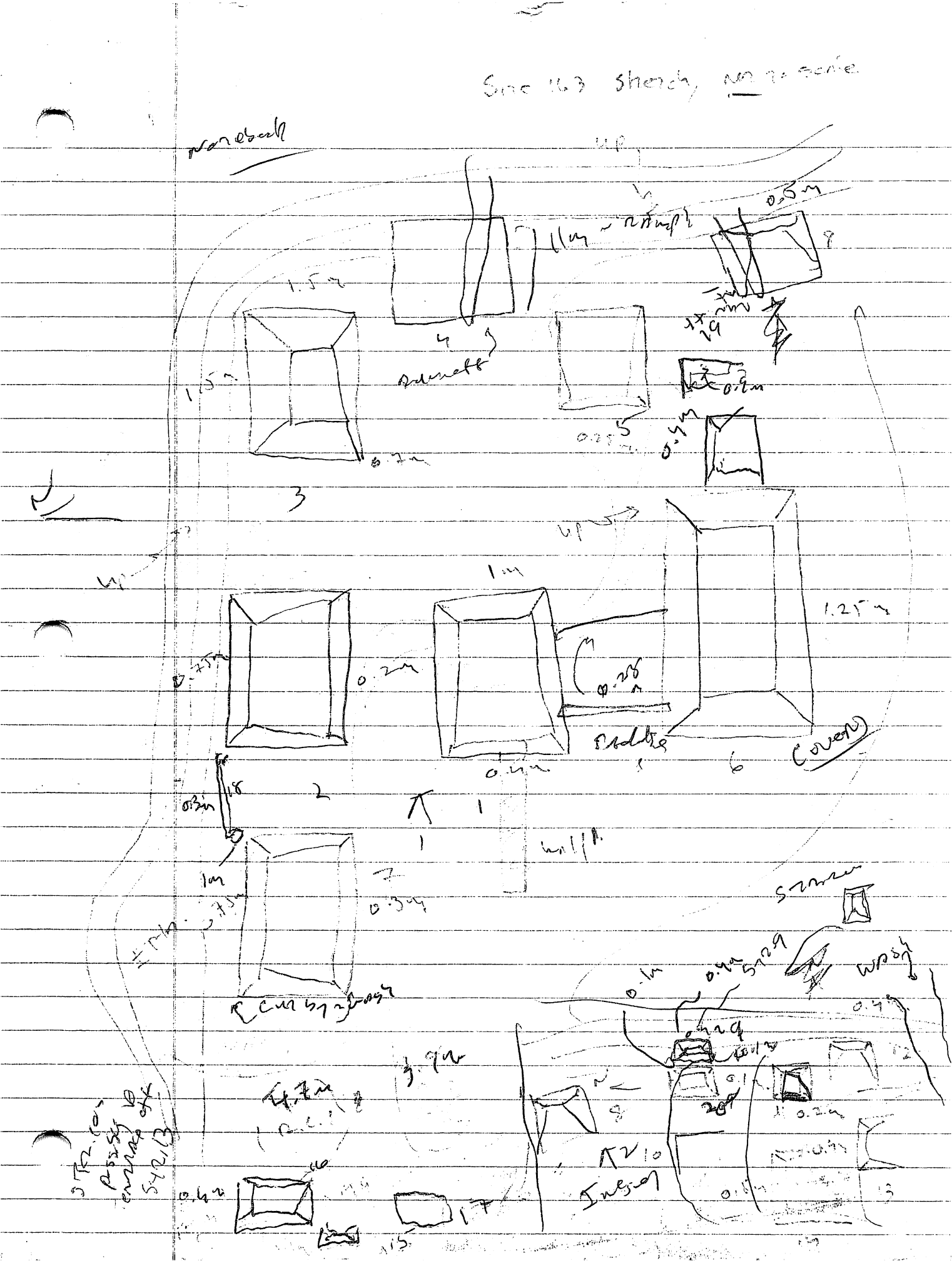


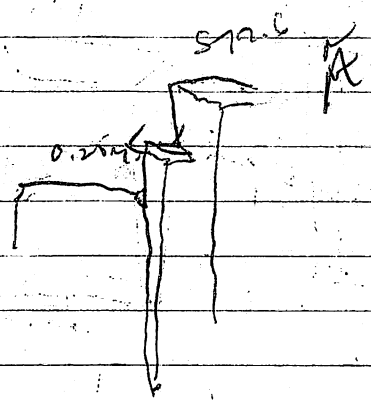
Str. 7 has a dollar hole in the summit, ~~not~~ possibly for looting, but the rest seems to be in good shape. No evidence of plowing; R.C.1 or the SW merger of the site, however, may point to some destruction though for unknown causes.

Strs. 4 + 8 are flat, cobble blocks set into a natural rise up from the Cacaulapa.

Further buildings have been recorded thus far.

Sine 163 sketch, not to scale

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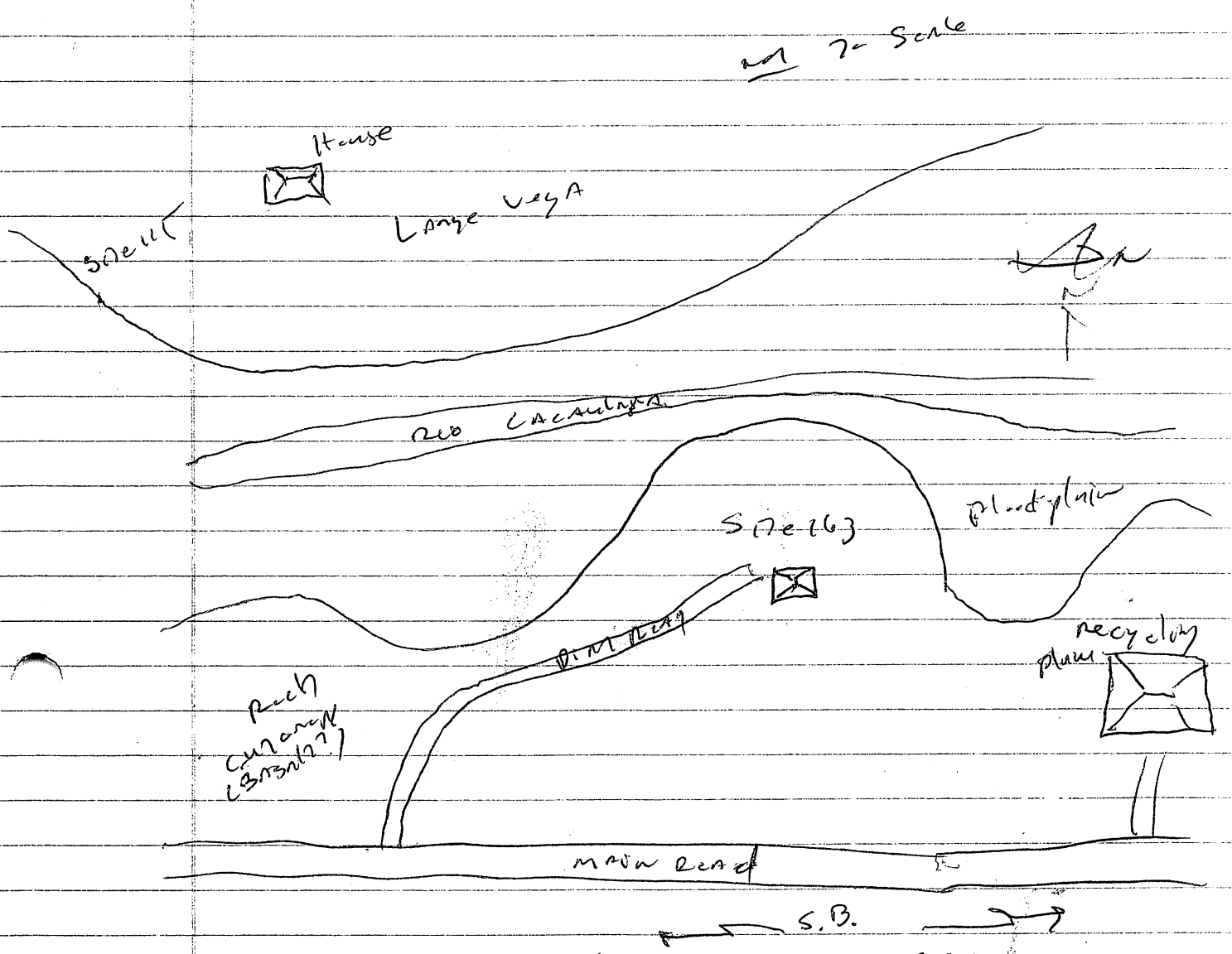
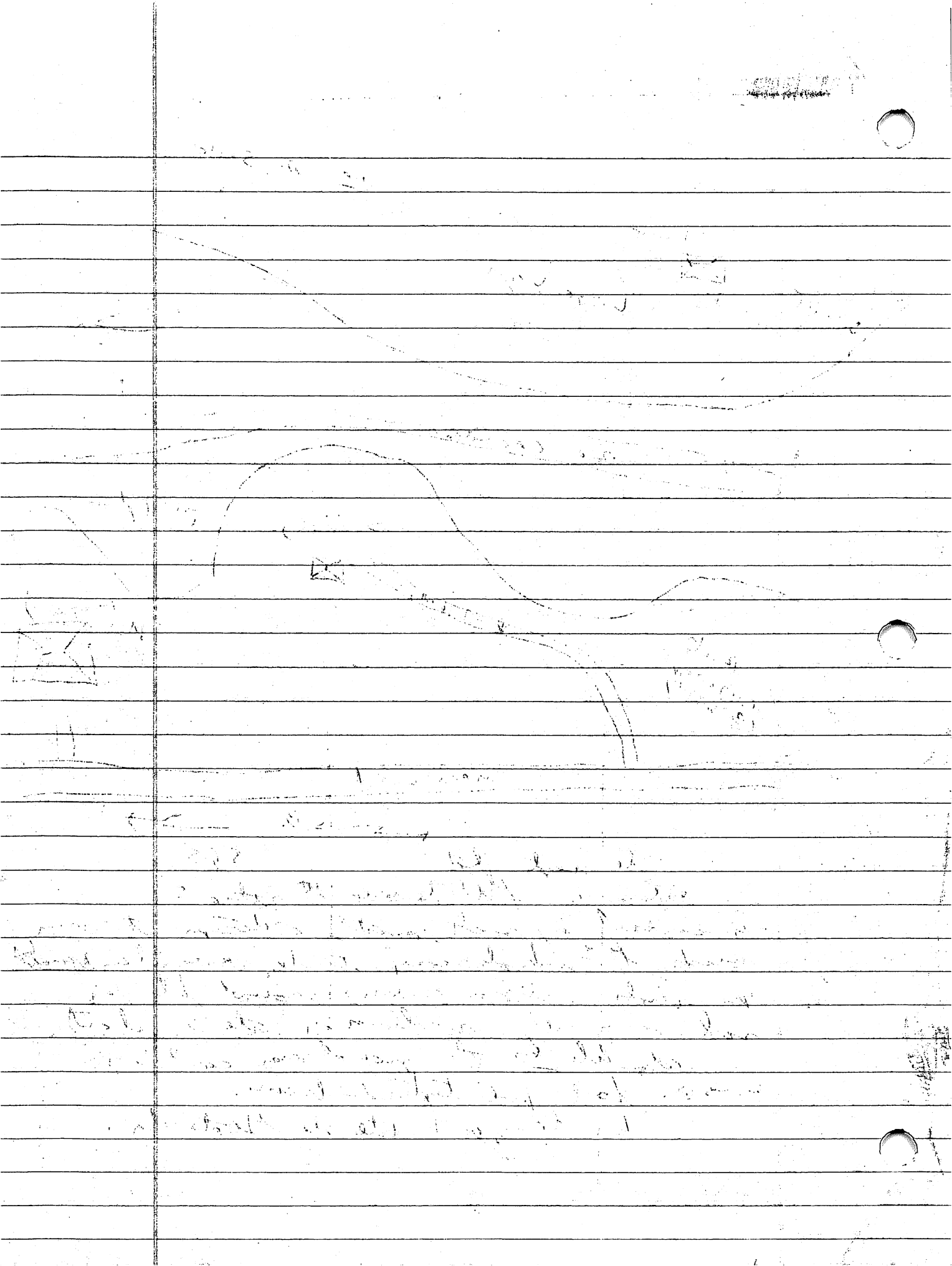


Site next flat extension of the terrace to the S. is covered w/ rock, mostly outcrops at room much of which seems to be recently broken. Rock outcrops seem around site 163, and is probably shallower on the S. salient.

at site 163 the ground rises ca. 2.5 m W.-S.E. faults pre textural + trenches.

Dan Lorenzo Prudente de Guatemala.



Size 163 (cont.)

1690813
1636428 2 GPS.

Point	#	Distance
SW corner Str. 15	287	31.5 m
SE corner Str. 15	289	30.5 m
NE corner Str. 15	288	27.56 m
NW corner Str. 17	279	25.55 m
SW corner Str. 17	280	27.24 m
SE corner Str. 17	279	26.92 m
SE corner Str. 16	274	25.16 m
NE corner Str. 16	293	20.04 m
NW corner Str. 16	304	26.47 m
center rock concentration 1	310	21.0 m
center rock concentration 2	284	17.40 m
SE corner Str. 7	340	8.14 m
NE corner Str. 7	12	9.18 m
NW corner Str. 7	7	15.44 m
South end Str. 18	10	17.53 m
North end Str. 18	29	19.40 m
SW Str. 2	27	16.57 m
SE Str. 2	38	14.02 m
NE Str. 2	51	18.82 m
SW corner Str. 1	43	11.77 m
NW wall 1	51	10.14 m
SW wall 1	31	6.57 m
NE wall 1	62	9.99 m
SE corner Str. 1	73	10.00 m
NE Str. 1	74	16.28 m
Saddle west	75	14.04 m
Saddle east	82	14.74 m
Str. 6, SW corner	109	9.57 m
Str. 6, SE corner	138	14.02 m
Str. 6, NW corner	93	18.39 m
Str. 6 projection, SW	95	18.79 m
Str. 6 projection, NW	88	24.08 m

[illegible]	[illegible]	[illegible]
SW [illegible] St. 15	187	[illegible]
SE [illegible] St. 15	267	[illegible]
NE [illegible] St. 15	280	[illegible]
NW [illegible] St. 17	274	[illegible]
SW [illegible] St. 17	280	[illegible]
SE [illegible] St. 17	277	[illegible]
SE [illegible] St. 10	274	[illegible]
NE [illegible] St. 10	278	[illegible]
NW [illegible] St. 10	[illegible]	[illegible]
[illegible]	310	[illegible]
[illegible]	[illegible]	[illegible]
SE [illegible] St. 7	210	[illegible]
NE [illegible] St. 7	12	[illegible]
NW [illegible] St. 7	7	[illegible]
South [illegible] St. 19	[illegible]	[illegible]
North [illegible] St. 9	[illegible]	[illegible]
SW St. 2	17	[illegible]
SE St. 2	[illegible]	[illegible]
NE St. 2	[illegible]	[illegible]
SW [illegible] St. 1	[illegible]	[illegible]
NW [illegible] 1	[illegible]	[illegible]
SW [illegible] 1	[illegible]	[illegible]
NE [illegible] 1	[illegible]	[illegible]
SE [illegible] St. 1	73	[illegible]
NE St. 1	74	[illegible]
[illegible] West	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	100	[illegible]
[illegible]	73	[illegible]
[illegible] St. [illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

Point	∡	Distance
Str. 6 projection NE	96	25.15 m
Str. 19, SW corner	90	26.39 m
Str. 19, NW corner	90	27.74 m
Str. 19, NE corner	98	28.22 m
Str. 5, NE corner	84	29.34 m
Str. 5, SE corner	90	25.36 m
Str. 5, SW	77	23.06 m
Str. 6, West terrace, NE	90	18.70 m
Str. 6, West terrace, NW	82	18.42 m
Str. 6, West terrace, SW	81	11.62 m
Str. 3, NE corner	61	30.45 m
Str. 3, SE corner	57	23.73 m
Str. 3, SW corner	42	26.30 m
Str. 4, SW corner	66	31.00 m
Str. 4, SE corner	78	30.90 m
Station 2	112	28.72 m
Str. 8, SW corner	24	15.56 m
Str. 8, SE corner	52	14.33 m
Str. 8, NE corner	51	20.05 m
Str. 9, NW corner	75	19.47 m
Str. 9, NE corner	86	21.22 m
Str. 9, SE corner	81	14.38 m
Str. 20, NW corner	89	10.73 m
Str. 20, SW corner	93	7.05 m
Str. 20, NE corner	107	12.04 m
Str. 11, SW corner	113	14.10 m
Str. 11, NE corner	113	19.59 m
Str. 11, NW corner	102	17.82 m
Str. 12, NW corner	116	22.09 m
Str. 12, NE corner	125	25.42 m

Point	4	Distance
St. 4 previous NE	76	23.15m
St. 4 previous	75	20.29m
St. 4, NW corner	76	24.94m
St. 4, NE corner	75	22.42m
St. 5, NE corner	64	21.04m
St. 5, SE corner	40	26.00m
St. 5, SW	44	26.00m
St. 6 [illegible] NE	76	19.70m
St. 6 [illegible] SW	72	19.12m
St. 6 [illegible] SW	71	11.22m
St. 7, NE corner	60	22.95m
St. 7, SE corner	54	22.72m
St. 7, SW corner	62	20.87m
St. 4, SW corner	60	31.00m
St. 4, SE corner	70	30.18m
Station 2	112	20.12m
St. 2, SW corner	[illegible]	19.50m
St. 2, NE corner	102	11.39m
St. 3, NE corner	91	21.[illegible]m
St. 1, NW corner	100	17.[illegible]m
St. 1, NE corner	100	21.22m
St. 1, SE corner	97	11.34m
St. 2, NW corner	97	10.[illegible]m
St. 2, SW corner	79	9.[illegible]m
St. 2, NE corner	104	12.[illegible]m
St. 1, SW corner	119	14.[illegible]m
St. 1, NE corner	112	17.[illegible]m
St. 1, SE corner	112	17.[illegible]m
St. 3, NW corner	112	17.[illegible]m
St. 3, SW corner	110	22.[illegible]m
St. 3, NE corner	120	23.[illegible]m

peculiarity

Point	#	Distance
Str. 12, SW corner	129	19.32 m
Str. 13, NE corner	145	19.27 m
Str. 13, NW corner	134	15.34 m
Str. 13, SW corner	156	13.76 m
Str. 10, NE corner	139	12.94 m
Str. 10, NW corner	136	11.71 m
Str. 10, SW corner	150	10.62 m
Str. 14, NE corner	176	10.26 m
Str. 14, NW corner	177	8.11 m
Str. 14, SW corner	210	10.85 m
Str. 14, SE corner	199	15.16 m

Shipping today, Thursday 5/27/04, have added 6 str. + 1 R.C. to the site - now has 20 str. + 2 R.C. formed around 3 patios, on the NW, NE, + SW. The patio with the largest structures is on the NW + is bounded by a reinforced natural rise on the S.E while the ground drops off precipitously to the Cacaulapa on the W + N.

Str. 4, between str. 3 + 5, may be a ramp - str. that w/ the surrounding ground surface descent off the N. terrace edge + extends for ca. 11 m downslope - could be an access feature that drops one off in the "main plaza." Each appears a floodplain of the Cacaulapa, whereas on the W - the terrace falls away abruptly to the river. Strs 8, 9, 11, 12 - all - built on the N - terrace edge + have vertically a steep or angular edge

S. of str. 1 + 2 - open - low, scattered vegetation, good ground + excellent str. visibility (here for str. 1-6 on W. which are overgrown; str. 2 N. + B. on forum str. 5 low, dense growth, ok. str. poor ground visibility. 90

S. similar to S. structures - good str. + ok. ground visibility. Looks centrally located, number

POINT	#	DISTANCE
STA 12 SW COLUMN	124	14.56 m
ST 13 NE COLUMN	125	14.24 m
STA 13 NW COLUMN	126	15.41 m
ST 13 SW COLUMN	127	15.[illegible] m
STA 13 SE COLUMN	128	[illegible]
ST 14 NW COLUMN	129	11.41 m
STA 14 NE COLUMN	130	[illegible]
STA 14 SW COLUMN	131	15.[illegible] m
STA 14 SE COLUMN	132	[illegible]
ST 15 NW COLUMN	133	[illegible]
STA 15 NE COLUMN	134	[illegible]

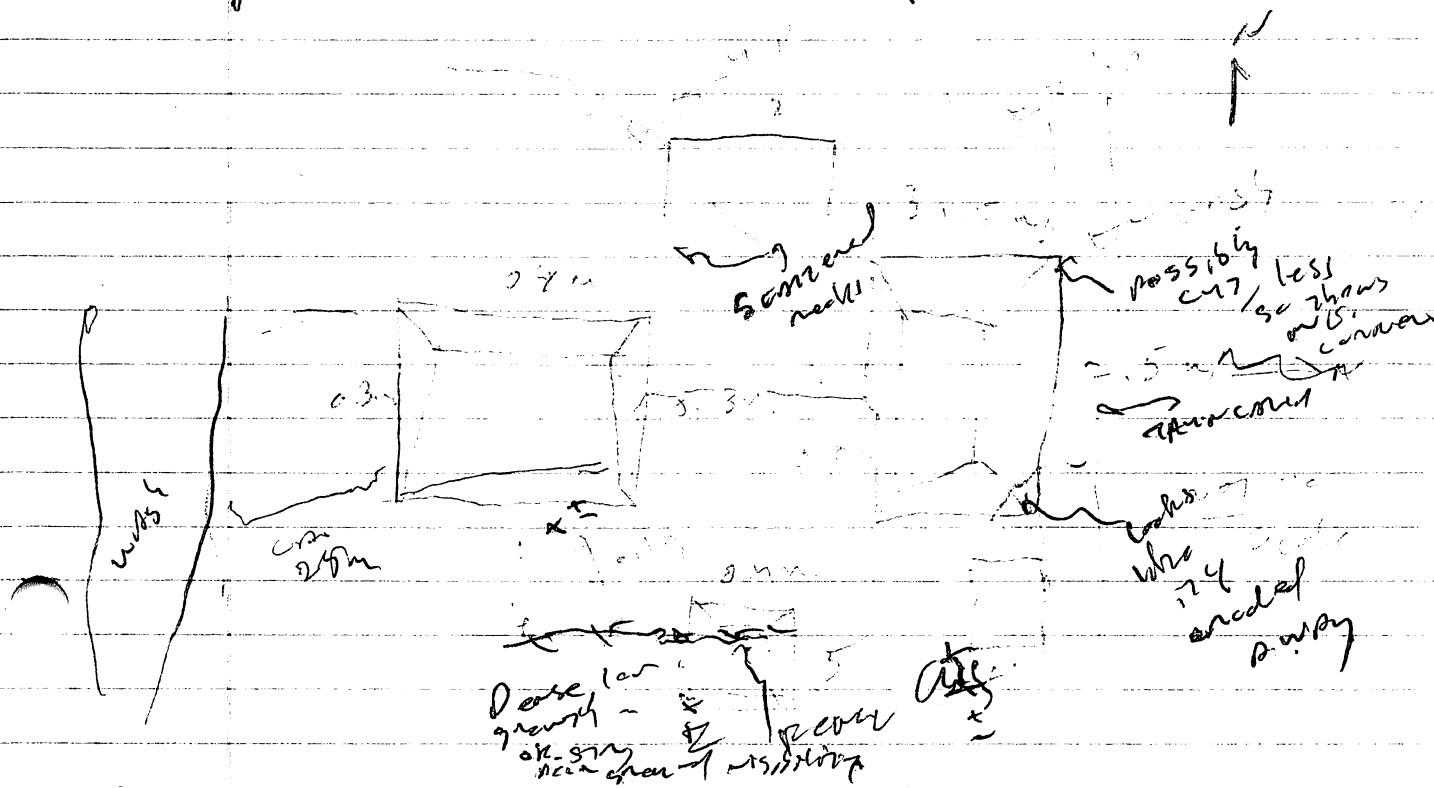
5/27/04

Site 164

~~16 90 13~~ 1690813]?
1636428 1

On the same property as Site 163, but on the E. side of the road at the very base of the E. hills between 2 shallow washes that descend precipitously from the hills beyond the Rio Cacaulega ca. 200 m ~~to the~~ to the W, fair grass, recently cut, cattle pasture, good vis. ok. ground visibility. Site owner: Laurentino (sp.?), the same "Inalcalde" who owns Site 163 – seems very amenable to our survey + excavation here.

Site ground slops gently E. → W. + N. → S until it falls off rapidly into the N. wash. No sign of significant disturbance. C. 120 m E of the road + about 150 m S. of the barn buildings, across the road from the putative Lithic scatter.



site 164 PVC

Point	∡	Distance
~~Str 1 NW~~ Str 1 NW	359	5 m 54 cm
Str 1 SW	331	8 m 65
Str 1 SE	288	9 04
Str 2 SE	20	12 97
Str 2 NW	29	13 47
Str 2 NE	35	10 73
Str 3 SW	53	8 66
Saddle Junction str 3	79	5 35
Saddle Junction str 1	348	2 72
Str 3 SE	139	8 45
Str 3 NW	67	12 55
Str 4 NW	144	9 75
Str 4 NE	151	14 27
Str 4 SW	165	13 13
Str 5 NW	176	11 59
Str 5 SW	195	9 01
Str 5 SE	197	13 53
Str 6 NE	236	8 56
Str 6 NW	~~[illegible]~~ 253	7 91
Str 6 SW	247	9 53

hill is a pre-lepture beam, no outcrop noted. Most of the str. seem to be built of river cobbles. Site sec. on slope ~~the~~ hill. Ue3 wheel - 275m to - NW.

5/24/04

Site 16c -- Located in the NE. corner of the Villa Julia property, a single-structure site, the one building being fashioned of cobbles set in 2 intermittent lines (slope by Sen. show recession). The ground slopes down gradually from W to E. toward a steep descent at the terrace's E. edge to the Río Cacaulapa floodplain. Land edge ca. 8 m to the east of

16 90813
16 36428 1

the i.s.l. site. The soil is a gravelly reddish-brown; no bedrock is visible on the surface near the site. Covered in dense, low grass -- good site dr. ground visibility. The land is relatively flat, though, on water, rising gradually to the W.

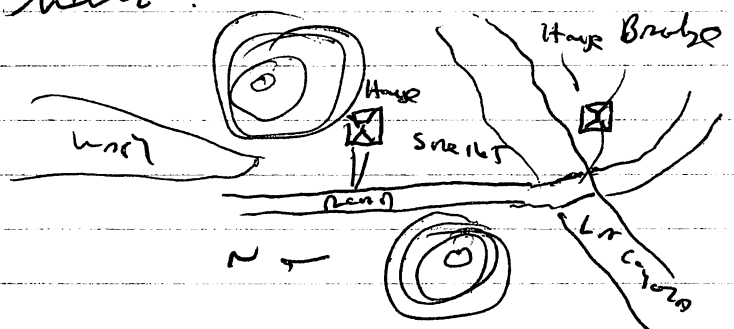
The corner on Sra. Augustina Sánchez's modern house site, on E to the E. at the exact NE. corner of the property. Another site (Site #) is ca 70 m to the N. on the next finger of land, separated from Site #16c by a deep but short wash.

Site 16c seems to be part of a continuous line of settlement dispersed along the upper, western terrace of the Río Cacaulapa from the new school to the N. (the N. edge of the terrace) for an undetermined distance → P.N.

The site is undisturbed, the lots being in good shape.

5/31/04 (8/17/05) E?

Site 165 – 1690813 Located immediately S. of 1636281 the Peter/Paraiso/Cuchillas road + ca. 150 m S. of the Peter ranch field, on relatively level terrain bordered by a steep descent to the Quebrada La Cozita on the S + a dry wash draining N. ca. 35 m in that direction. On the E + W the site is ~~bordered~~ bordered by 2 spurs of the surrounding hills.



The soil is a fine-textured dark brown + no outcrops are visible on the surface. About 2/3 of the site is cleared for planting maize, good str. + OK ground visibility. The E-1/3 is covered in medium-high dense bright old corn stalks -- poor str. + awful ground ~~visibility~~ visibility.

The site is flat + heavily disturbed -- only rock scatter remains of the original buildings. Stone structures seem to have been fashioned of stone + some cobbles.

Mugad Valley ~~Elena Paredes is the owner of the site, but she lives in S.P.S.~~ 2 mos.

Site 165 (cont).

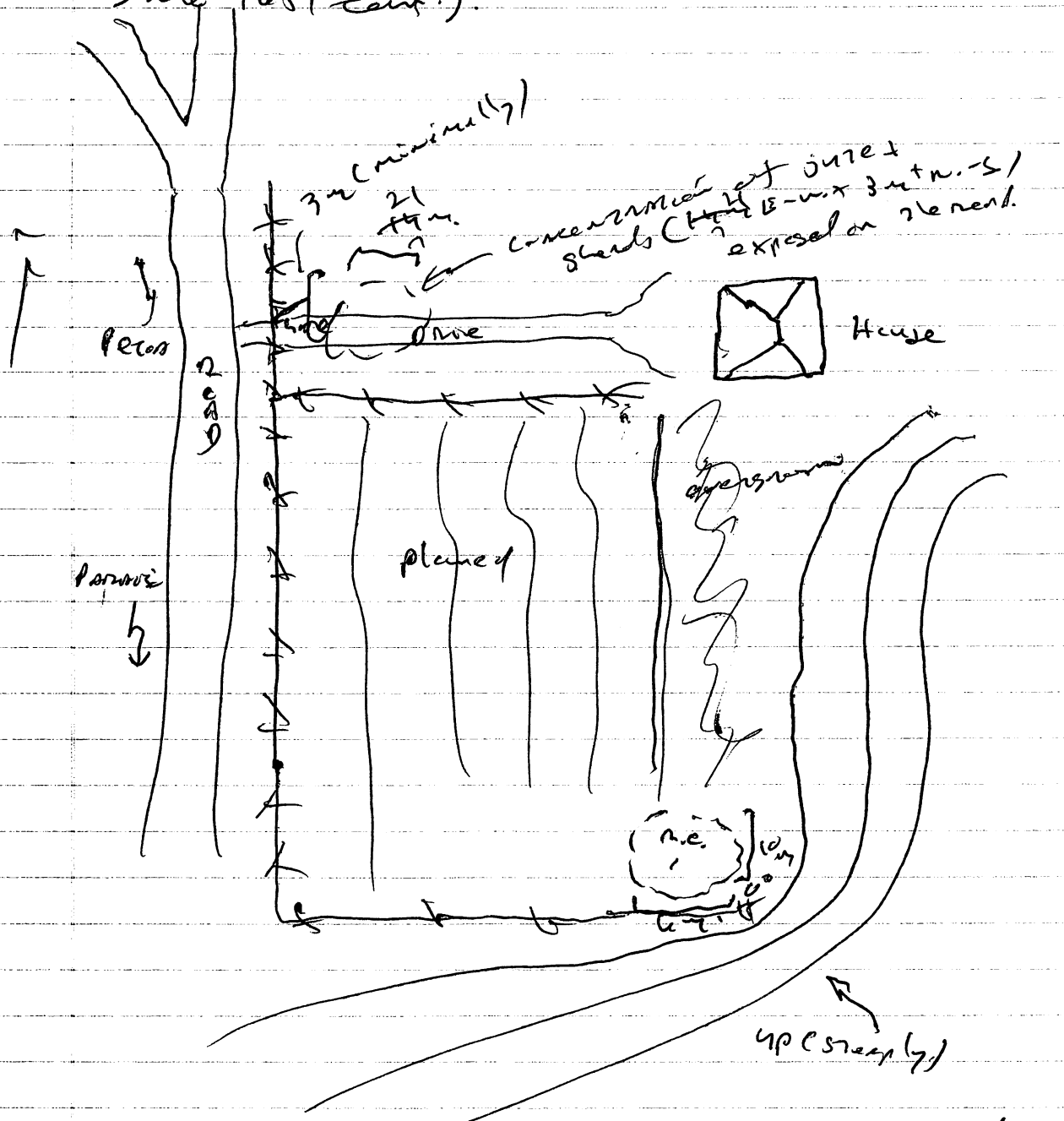
1658059

1636179 8

Located in the driveway to the modern house on the N.E. edge of Site 165 is a ± dense concentration of pottery (w/ the typ. broken off) and sherds in rare clustering measuring 2½m E.-W. + at least 3m N.-S. (this is the width of the road -- the bordering low, dense grasses preclude seeing enough of the ground to see how far the concentration continues N. + S.). I would guess that this is a Protohistoric (Late?) Hopi site. The N. wall is 18m to the NNE + S.C. is close to the SSE. One site but I would guess different time periods. The sherds for S.C. (+ Late LCL, Mid. or of the ~~[illegible]~~ incised - needed pen. The modern house is 40m to the E. + the road is 15m to the W. Pot recently disturbed; very poor.

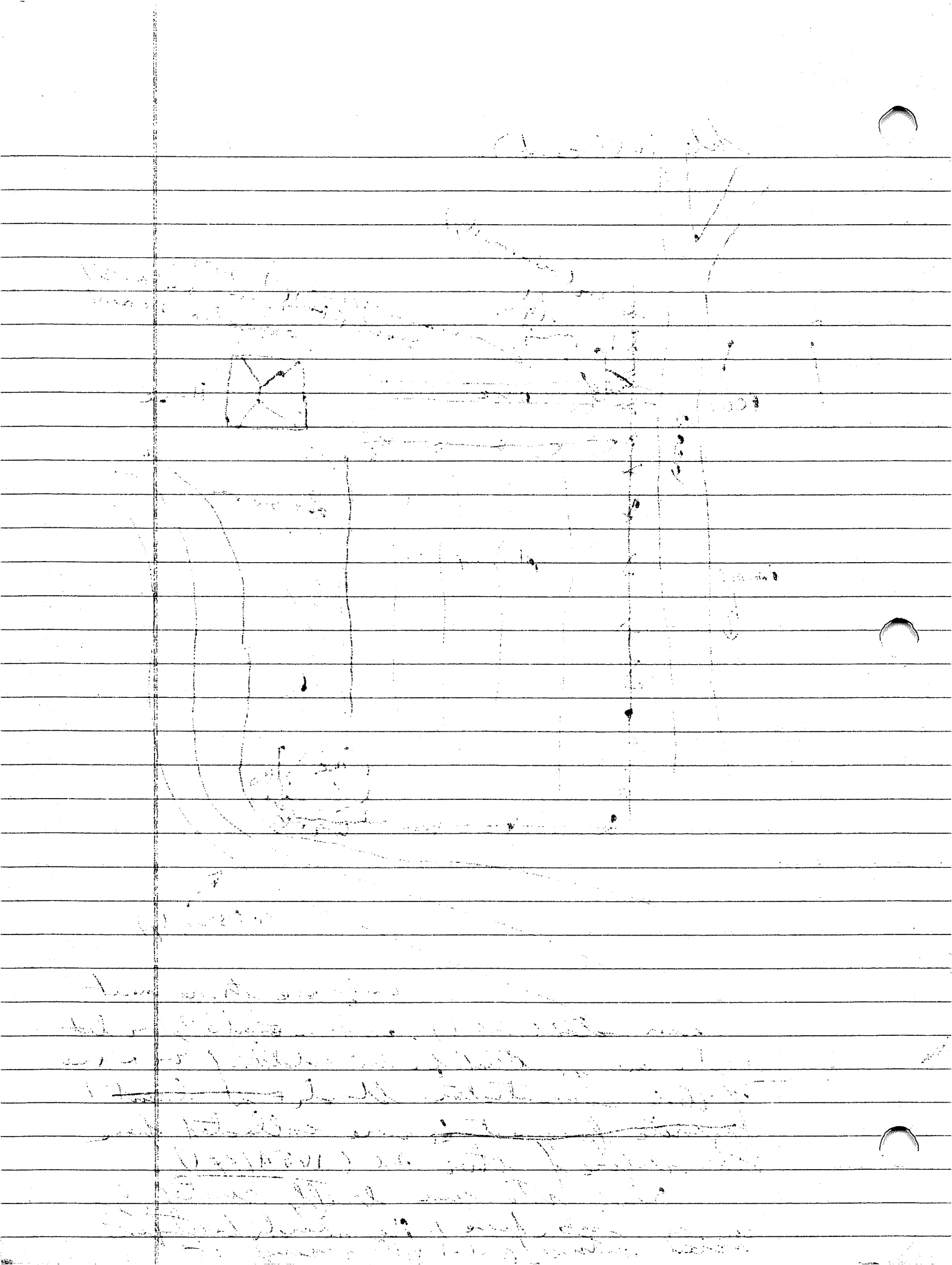
The owner of ~~site~~ ~~Site 165~~ is Sharyl Valley, who lives here in Potter, in Utah, in the modern house on the site

Site 165 (cont.).



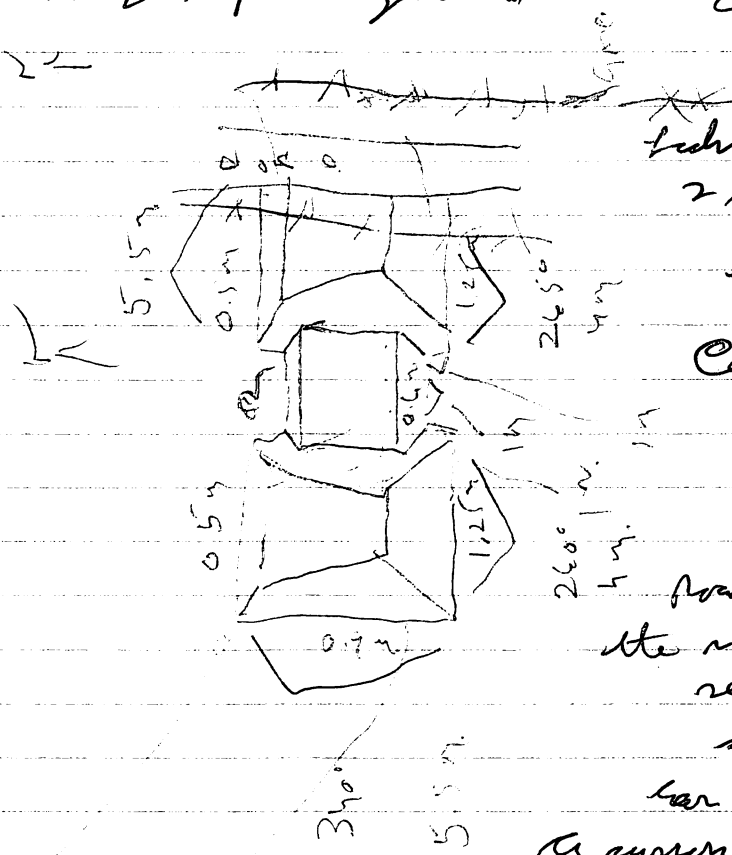
Only one str. remnant was noted (R.C.1). Ceramics & lithics lost rocks were scattered from a relatively small area of their concentration. Shards ~~at least~~ 1 ~~figurine fragment~~ were collected from the surface of this R.C. (165H(PP1)).

This site was briefly visited by us in 2 cars (June 1). No shards/artifacts noted outside R.C.1 this vicinity.



06/04/04

Site 165 (cont.) across the road to the w from the rest of the site (+ the owner's residence), is a wide level area of rare river cobbles on the surface, flakes and a few very small artifacts. Just by the road on the S., it is ca. 15 m w of the entrance to the property on the S. The hill rises ascent 15 m to the w. + a flat path with clay the S. side of the mound. The mound is covered in low green -- good sto. + ok. ground visibility -- the artifacts + flakes are mostly visible in the path. Few to nothing high density grounds beside the sto. on the ~~remaining~~ S., w., + n. -- ~~per~~ ok. sto. + poor ground visibility.



Farm like 2 stn. gravel by a saddle

Cattle pasture, gravel road to the N. + W.

Road building, the most serious disturbance / car density.

A survey between the field to the SW. revealed no additional deep. but archaeologically rare year by deep layering, hillslope -- Mound, lithic-textured soil.

[illegible]

6/04/04

IH 1496	POINT	∡	MID	DISTANCE
1		69°30'	2201	11.72m
2		73°00'	2180	12.05m
3		74°00'	1656	10.65m
4		77°30'	1659	11.17m
5		77°45'	1295	9.77m
6		79°15'	1294	9.92m
7		79°30'	1295	9.04m
8		87°30'	1549	7.70m
9		78°45'	1382	6.74m
10		73°30'	1391	6.94m
11		70°00'	1481	7.65m
12		65°15'	1783	6.90m
13		77°00'	1782	4.99m
14		84°45'	1589	5.48m
15		95°15'	1600	7.52m
16		101°30'	1622	8.09m
17		91°00'	1643	8.12m
18		94°00'	1699	8.72m
19		95°30'	1390	9.47m
20		86°45'	1263	11.03m
21		91°15'	1484	11.86m
22		96°15'	1635	11.90m
23		100°00'	1621	11.43m
24		100°00'	1421	10.72m
25		95°30'	1399	9.70m
26		102°15'	2046	12.27m
27		98°15'	2125	12.80m
28		101°45'	2040	12.49m
29		103°15'	2379	13.35m
30		113°00'	1823	7.95m
31		111°45'	1830	7.07m

N. Stake 0°01 2324 6/04/04 5.44m

Point		4	Mid	Distance
32		~~130°15'~~ ~~1669~~	1669	5.56m
33		129°45'	1729	4.65m
34		138°0'	1444	5.25m
35		151°15'	1215	5.35m
36		150°15	1208	5.79m
37		159°01	1272	4.10m
38		157°15'	1357	4.15m
39		152°01	1348	3.95m
40		155°30	1230	5.43m
41		158°31'	1189	5.58m
42		159°30'	1214	5.47m
43		167°45'	1459	4.45m
44		158°30'	1235	5.87m
45		167°00	1049	6.42m
46		167°45'	1052	6.52m
47		172°01'	0989	5.96m
48		144°45'	1002	4.94m
49		201°30'	0845	6.72m
50		192°45'	0893	5.88m
51		181°45'	0775	6.40m
52		178°45'	0850	6.08m
53		163°45'	0760	6.76m
54		184°15'	0831	7.39m
55		180°01	0754	7.94m
56		187°01	0863	8.01m
57		182°15'	0915	8.28m
58		178°30'	0611	8.02m
59		171°30'	0764	7.19m
60		173°30'	0864	7.65m
61		169°01	0920	8.65m
62		168°01	0885	9.30m 8.30m
63		162°30'	1045	8.79m
64		166°30'	0969	7.77m

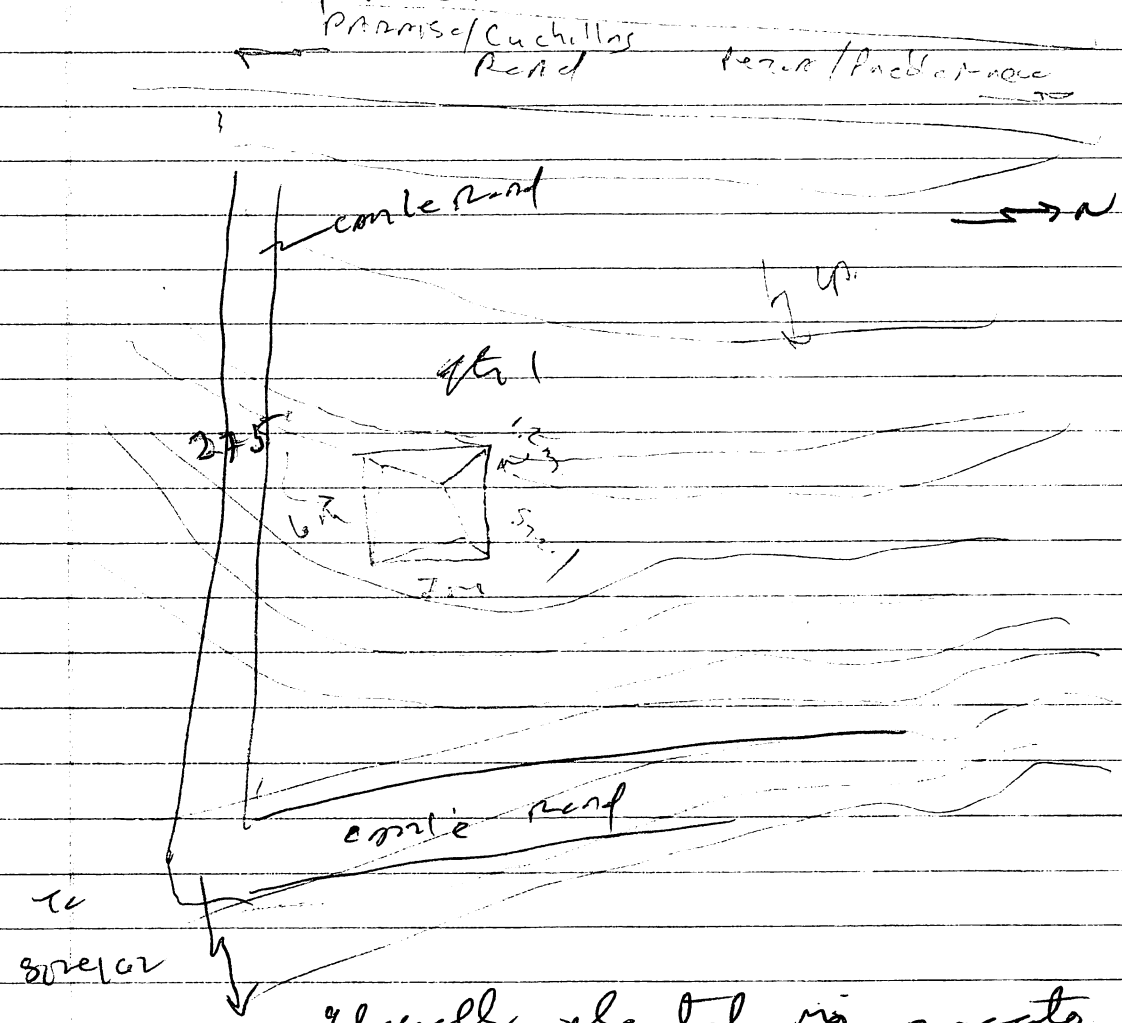
35.8m
45.4m
72°01' 45.4m
70°30'
9.3m
49.6m
11.3m
0941
16°30'
15.4m
69
69

(6/9/04)

Site 166 166608

16 392167

Lone simple structure on the W. slope of the hill leading up to Site 162, about 200 m ENE and 7 km above other settlement.



Usually planted in zacato, it was recently cut. Sloped over its to medium high dense grass, ok. str and poor ground visibility. There may be other buildings in the area you are seeing is scattered around but no clear concentration or edifices were noted. Site 1 is built of dressed and hewn stone at least 1 good line, built into S. The artifacts seemed to surface. Normal finishing of the corner. No dating or other disturbance.

6/9/07

Site 166 (cont.). Side road to Petra (farther in ca. 40m to the W. and the ground rises sharply to the E. towards Site 162 and more gradually to the S.; dropping to the N. and staying more-or-less level for awhile to the W. Closest water - Quel. La Cogota ca 500 m N.E. ca. 30m downslope from Site 166. Habitable land is in short supply near the site and I suspect that the surrounding slopes have thin soils, but not outcrops were noted near the site. Granite can be seen here.

6/19/04

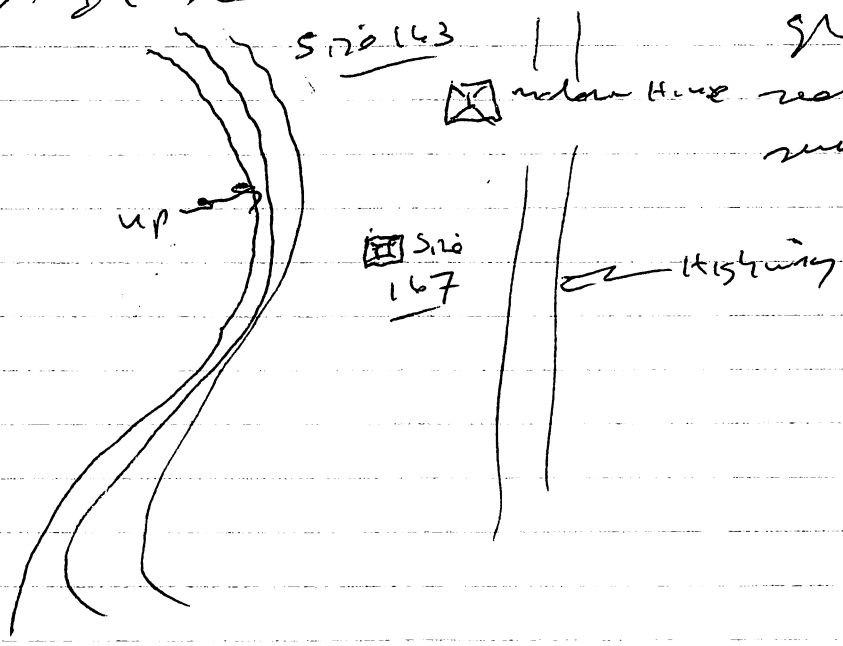
Site 167 -- A single str. site ca. 120m S of Site 163 and 45m NW. + across the highway from site 164 on property of the same owner (the "Guatemalan"). A steep drop to the Río Cacaulapa is ca. 25m to the W. + the highway highway here ca. ~~25m~~ 35m to the E.

16066608
16392167

Ground cover is low, dense grass, good str. per ground surface. Cattle pasture. Relatively level terrain.

Sole str. is fashioned of river cobbles + rock & stone. Oriented 49 ~~deg~~ degrees, ca. 0.1 m high, and 3 m square. Rocks are scattered fairly closely to the W. between the str. + the drop to the Cacaulapa -- no clear line.

Slight terrace above the Cacaulapa



No artifacts noted on the surface.

Listed, not catalogued, 6/29/04

Was a mano, now it's a rock	Was a mesme, now it's a rock.	Finished mesme	Unfinished mesme
202EC/016-3	202EL/ØØ4-6	202EG/ØØ9-1	202EG/ØØ8-1 (Leg)
202PX/Ø25-1	202EL/ØØ4-4	202EE/Ø1Ø-2	202GD/ØØ9-2 (Leg)
202PI/ØØ2-1	202EN/Ø14-1	202EC/027-12	202GX/026-1
202GD/Ø42-1	202De/Ø21-1	202EX/Ø1Ø-1	202He/ØØ1-2
120C/Ø18-1	202De/016-3	202Ee/026-3	120F/Ø15-1
202EG/ØØ9-7	202EJ/Ø25	202Em/021-3	
202DZ/029-1	120C/Ø26-1	202HS/014-1 (used as fence, leg broke)	
		202Ge/ØØ3-1. (red pigment)	
		202GS/ØØ8-1	
		120D/Ø6Ø 1 (Raised else, legless?)	
		202He/Ø15	
		120C/021-1 (suffused with red)	
		202GP/027-1. (Base res, finished but used.)	
		202GL/ØØ6-4	
		202HZ/Ø11-1	
		202HJ/ØØ1-1	
		202EJ/038-3	

202GS/ØØ1-1 } normal rock, but possibly used for grinding.
202GN/ØØ9-1 } " " " " " " " } some rock type, hard, fine, heavily smoothed

PROYECTO VALLE DE CACAULAPA
CATALOG FORM

DATE: 25 June 2004 ~~2024/6/25~~ LOT NUMBER: 202 GJ 1055

SUBSTANCE: Stone OBJECT: Mano

CATALOG #: 1 MULTIPLES? – DRAWN BY: – CATALOGED BY: 22

EXCAVATOR: – DIAMETER (only if item is basically circular; take average):

HGT/LENGTH: WIDTH: THICKNESS:

VERBAL DESCRIPTION:

This is a whole–partial mano. If a partial mano, it is an end–a midsection.

The material is: vesicular basalt – other (describe or name)–

In cross-section, this item is: round – oval – square – rectangular – multi-sided . If multi-sided, how many?:

How many working surfaces/areas are visible:

The working surfaces/areas are: smoothed only – show use-related polish – can't tell.

The working surfaces/areas extend: completely – partially across the item as preserved.

The working surfaces measure (do each separately):

The end-to-end shape of this mano is: equal in width throughout – smaller on the end(s) than in the middle. If it is larger in the center, give the dimensions or diameters:
Minimum: Maximum:

If an end is preserved, the end shows: pecking–grinding–striations–a smooth surface–a polished surface – can't tell.

The sides show (mark all that are appropriate): pecking – grinding – striations – smoothed areas – polished areas.

If the item is broken, the broken end: is sharp–is somewhat sharp, but appears eroded–has been battered or chipped.

If the end seems to be battered or chipped, this seems to be the result of: accident/depositional conditions – deliberate use – cannot tell.

Item is: not drawn – drawn (where?)

Comments:

NOT ANALYZED 6/30/04

202ES/042-1 modeled censer
202EF/009-1 Tube censer
599B/009-2 pierced censer scoop
202PG/011-2 censer handle
202GF/018 MICR (2 sheets)
120D/092-3 earspool
162I/003-1 jade
162T/017 jade
6-7E/024-1 censer handle?
120D/034-1 Figurine
202DV/009-1 OCARINA
202DV/016-2 Figurine
202EG/037-1 pendant
120D/030-2 OCARINA
202DL/033 Censers
202DA/017-2 was 1 OCARINA, now 1 Figurine
202DA/022 MICR 2
599F/022-1 OCARINA
202GM/014-2 OCARINA
202GK/011-1,2,3 OCARINA
202FH/005-1 OCARINA
202HR/016-1 OCARINA
202FN/005-2,3 STAMP
202HV/012-2 STAMP
599B/003-1 OCARINA
202EE/039-1 OCARINA
202DK/048-7 was 2 Figurine, is 1 OCARINA
202DU/018-2 OCARINA
202GG/019-2 mold
202DT/029-1 mold
202DK/002-1 OCARINA
202FO/010-2,3,4,5 OCARINA
202HR/012-3 STAMP
202EV/011-4 OCARINA
202FN/006-1 OCARINA
202EM/008-2,3 OCARINA
599H/017-1 OCARINA
202HL/002-3 mold

"C" 202HJ/005-1 OCARINA
599I/007-1 STAMP
202EC/002-1 OCARINA
202EO/017-3 OCARINA
202FP/023-2 OCARINA
599C/001-1,2 OCARINA
202GM/033-2 OCARINA
202DS/024-1 OCARINA
202DX/033-1 OCARINA
37C/033-1 tooth
202IA/004-1 OCARINA
202DT/005-1,2 OCARINA
202EE/016-1 OCARINA
202DX/032-1 mold
202DR/004-1 OCARINA
202FA/003-2 OCARINA
202FZ/005-2 OCARINA
202FY/006-1 smoothing stone
202DA/028-1 OCARINA
202EM/026-2 OCARINA

21-FEB-2004/Charlie Webber P04-46-033

Soil Types

Throughout my excavations I consistently ran into 4 types of soil three of them were stratigraphy and one was a layer of fill found only inside the structure walls. The stratigraphy was consistent around the entire structure.

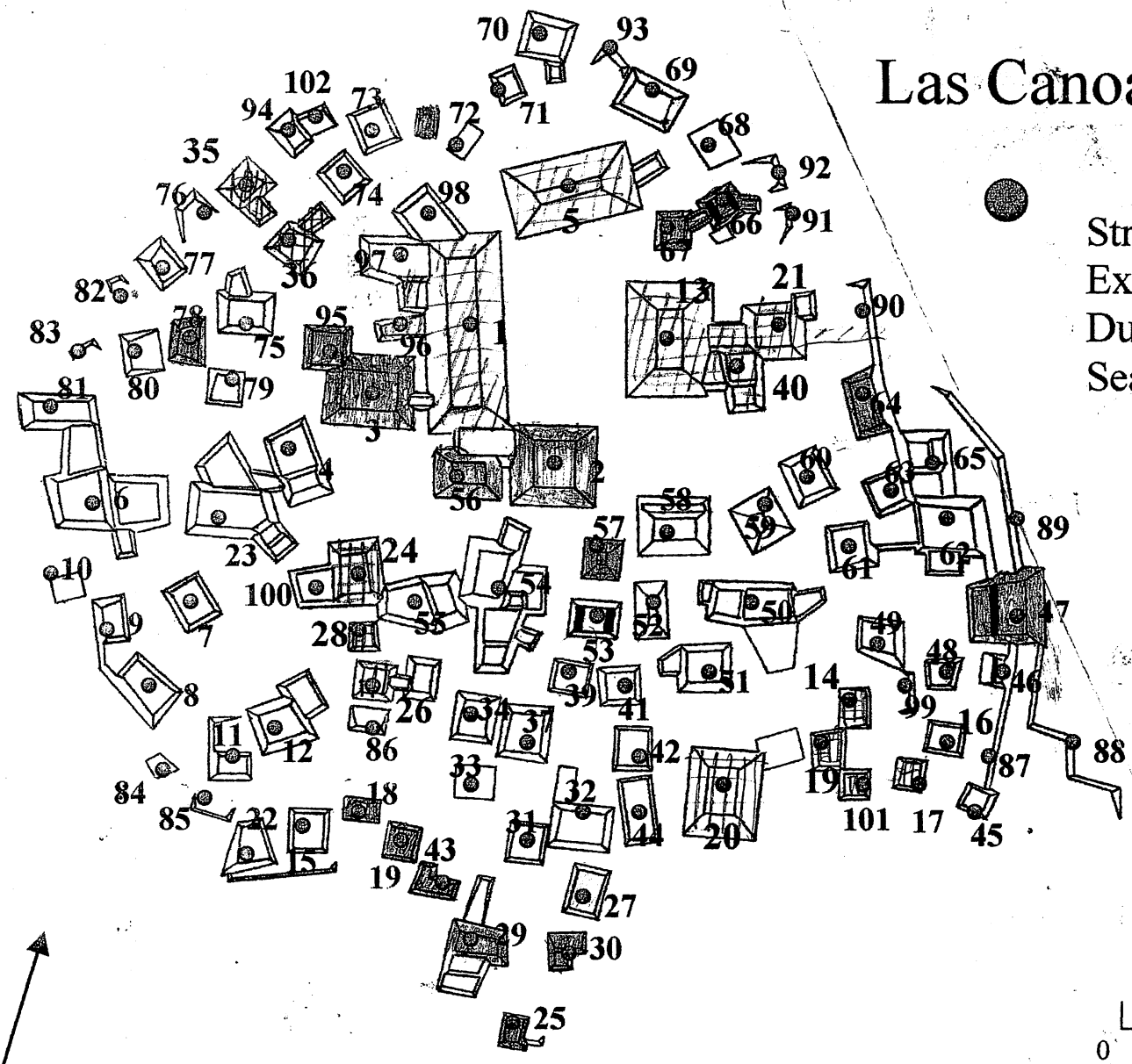
TYPE A: Soil type A is the layer of top soil found covering the entire structure. This layer was formed during the time span since the abandonment of the structure. This layer has few cultural inclusions but has numerous non-cultural inclusions consisting of small stones. This layer was about 12 cm thick in unit 8 and about 10 cm thick over the whole structure. It is easy to dig through and does not clump together. According to the Munsell soil color chart this layer of dirt closely matches the color 10YR 3/2, also known as Very Dark Gray Brown.

TYPE B: Soil type B is seen as a transitional phase between the top soil and the sterile layer of soil beneath. This layer is found beneath type A at about 10 cm below ground surface outside the building walls. This layer is about 15 cm thick running 10-25 cm below ground surface. It contains numerous large non cultural inclusions a majority of which seem to be limestone. The majority of cultural artifacts found outside the building were found in this layer. This layer is much clumpier and lumps together while being dug out. It is very much like silty clay of a medium stiffness when it is dry. The Munsell color that closely matches this soil was 5YR 3/2 or Dark Red Brown.

TYPE C: Soil type C is sterile soil found at cm BGS. This soil type is found beneath soil type B at around 25 cm below ground surface outside the walls of the structure. It is a sterile soil level so it was the last level reached in my excavation. It is a very hard clay soil that the workers have a very hard time digging through. This soil has numerous small to medium sized inclusions. It is very clumpy and dries into hard balls of clay. This soil is found throughout the vega, for example, underneath 202 structure 5 and 202A unit 80, almost a kilometer away. It is of medium stiffness when wet and can be molded into shapes, however when dry it is very hard. The Munsell color that closely matches this soil type was found to be 2.5YR ¾ or Dark Red Brown.

TYPE D: Soil type D is found only inside the structure between the walls at about 10 cm below soil type A only within the wall of the structure. It was apparently used as fill for the structure and it contains only cultural inclusions - mostly pottery shards. It is a fine silty soil that is easy to dig through. It doesn't clump and feels soft. The Munsell color that closely matches this soil is 10YR 4/2 or Dark Grey Brown.

Las Canoas



Plan Points, Excavation Margins, and Contours

Oc Point	Point Name	Angle	Slope Dist.	Description
120S000	2	0	7.528	North Stake
120S000	10	172.0943	6.619	Str 2 clay E
120S000	11	177.5447	6.57	Str 2 clay W
120S000	12	181.4515	11.584	Str 2 sherd S
120S000	13	169.0945	12.162	Str 2 carbon E
120S000	14	171.0507	12.088	Str 2 dirt
120S000	15	171.4017	12.435	Str 2 dirt W
120S000	16	162.0036	13.243	Str 2 dirt E
120S000	17	159.0922	12.033	Str 2 bj N
120S000	18	160.3406	11.261	Str 2 obsidian E
120S000	19	163.3306	11.025	Str 2 obsidian W
120S000	20	161.581	10.285	Str 2 chert N
120S000	21	163.5113	10.1	Str 2 strata N
120S000	22	177.2556	9.341	Str 2 ex-mar
120S000	23	154.2212	11.082	Str 2 ex-mar
120S000	24	160.5313	13.508	Str 2 ex-mar
120S000	25	174.0506	12.776	Str 2 ex-mar
120S000	26	173.5714	11.861	Str 2 ex-mar
120S000	27	179.2442	11.646	Str 2 ex-mar
120S000	28	179.4016	11.943	Str 2 ex-mar
120S000	29	185.0845	11.87	Str 2 ex-mar
120S000	30	184.484	10.387	Str 2 ex-mar
120S000	31	186.5029	10.277	Str 2 ex-mar
120S000	32	187.2857	9.246	Str 2 ex-mar
120S000	33	184.2552	9.173	Str 2 ex-mar
120S000	34	179.3415	5.927	Str 2 ex-mar
120S000	35	170.1827	6.233	Str 2 ex-mar
120S000	36	117.2516	11.332	Str 4 hal W
120S000	37	115.3013	11.888	Str 4 hal E
120S000	38	112.0045	10.689	Str 4 mt adams W
120S000	39	110.0707	11.274	Str 4 mt adams E
120S000	40	97.14	15.553	Str 4 olympus E
120S000	41	97.4214	15.098	Str 4 olympus W
120S000	42	98.2943	14.977	Str 4 etna S
120S000	43	93.4306	14.836	Str 4 etna N
120S000	44	91.1825	14.814	Str 4 hood
120S000	45	93.3109	14.825	Str 4 hood E
120S000	46	97.1358	8.484	Str 4 hood W
120S000	47	97.1322	8.124	Str 4 hood
120S000	48	86.4138	8.513	Str 4 vesuv W
120S000	49	86.1338	7.81	Str 4 vesuv
120S000	50	87.01	14.051	Str 4 vesuv E
120S000	51	75.5307	14.514	Str 4 tueaeo N
120S000	52	73.1416	13.454	Str 4 kaluea S
120S000	53	67.5219	10.103	Str 4 st helen W
120S000	54	67.5958	9.024	Str 4 pacaya
120S000	55	62.3409	9.283	Str 4 pacaya
120S000	56	52.2726	10.244	Str 4 kaluea W
120S000	57	63.0338	13.96	Str 4 kaluea E
120S000	58	64.4539	10.147	Str 4 pacaya
120S000	59	62.1511	10.392	Str 4 pacaya

120S000	60	41.5911	8.193	Str 5 baker E
120S000	61	33.3824	7.361	Str 5 baker
120S000	62	23.1531	7.142	Str 5 baker
120S000	63	20.1207	7.355	Str 5 baker
120S000	64	22.4028	6.42	Str 5 baker
120S000	65	38.3009	7.388	Str 5 orejas E
120S000	66	21.5739	6.288	Str 5 orejas
120S000	67	11.1817	5.942	Str 5 orejas W
120S000	68	12.11	4.817	Str 5 orejas
120S000	69	24.503	5.195	Str 5 orejas
120S000	70	31.5233	5.702	Str 5 kea N
120S000	71	43.291	4.659	Str 5 kea S
120S000	72	45.2325	5.722	Str 5 loa S
120S000	73	40.283	6.213	Str 5 loa N
120S000	74	1.2526	6.072	Str 5 krakatoa N
120S000	75	2.5217	3.514	Str 5 krakatoa S
120S000	76	5.0015	2.965	Str5 ex-mar seg1
120S000	77	345.2808	3.049	Str5 ex-mar seg1
120S000	78	347.4113	3.8	Str5 ex-mar seg1
120S000	79	2.2542	3.675	Str5 ex-mar seg1
120S000	80	335.1201	4.457	Str5 ex-mar seg2
120S000	81	340.0721	5.441	Str5 ex-mar seg2
120S000	82	350.2021	5.185	Str5 ex-mar seg2
120S000	83	354.221	7.14	Str5 ex-mar seg2
120S000	84	2.335	7.214	Str5 ex-mar seg2
120S000	85	3.1319	6.782	Str5 ex-mar seg2
120S000	86	32.315	8.148	Str5 ex-mar seg2
120S000	87	34.0822	7.966	Str5 ex-mar seg2
120S000	88	49.4623	10.119	Str5 ex-mar seg2
120S000	89	48.5551	10.321	Str5 ex-mar seg2
120S000	90	52.0821	11.115	Str5 ex-mar seg2
120S000	91	39.4235	13.472	Str5 ex-mar seg2
120S000	92	42.363	14.356	Str5 ex-mar seg2
120S000	93	43.4429	12.618	Str 5 line 1 W
120S000	94	45.1128	12.941	Str 5 line 1 E
120S000	95	117.4759	12.384	Str5 ex-mar seg2
120S000	96	120.4458	11.544	Str5 ex-mar seg2
120S000	97	101.194	9.757	Str5 ex-mar seg2
120S000	98	104.0521	7.84	Str5 ex-mar seg2
120S000	99	97.2107	7.558	Str5 ex-mar seg2
120S000	100	96.481	7.894	Str5 ex-mar seg2
120S000	101	90.5437	7.817	Str5 ex-mar seg2
120S000	102	89.0336	6.597	Str5 ex-mar seg2
120S000	103	79.0603	6.604	Str5 ex-mar seg2
120S000	104	81.1645	7.948	Str5 ex-mar seg2
120S000	105	64.292	8.612	Str5 ex-mar seg2
120S000	106	45.2757	5.322	Str5 ex-mar seg2
120S000	107	65.0747	4.166	Str5 ex-mar seg2
120S000	108	55.5238	3.253	Str5 ex-mar seg2
120S000	109	34.3247	4.643	Str5 ex-mar seg2
120S000	110	56.0252	12.383	Str5 ex-mar seg3
120S000	111	64.2027	15.714	Str5 ex-mar seg3

120S000	112	67.5026	15.181	Str5 ex-mar seg3
120S000	113	66.3042	14.328	Str5 ex-mar seg3
120S000	114	69.2539	14.022	Str5 ex-mar seg3
120S000	115	72.2845	16.043	Str5 ex-mar seg3
120S000	116	75.3922	15.776	Str5 ex-mar seg3
120S000	117	75.1346	14.858	Str5 ex-mar seg3
120S000	118	88.325	14.557	Str5 ex-mar seg4
120S000	119	89.5925	10.732	Str5 ex-mar seg4
120S000	120	83.5452	10.823	Str5 ex-mar seg4
120S000	121	84.3123	13.522	Str5 ex-mar seg4
120S000	122	73.57	13.871	Str5 ex-mar seg5
120S000	123	69.5246	11.061	Str5 ex-mar seg5
120S000	124	65.1401	11.461	Str5 ex-mar seg5
120S000	125	67.4147	12.862	Str5 ex-mar seg5
120S000	126	64.0436	13.256	Str5 ex-mar seg5
120S000	127	60.5437	11.771	Str5 ex-mar seg5
120S000	128	90.2428	15.772	Str5 ex-mar seg6
120S000	129	94.071	15.929	Str5 ex-mar seg6
120S000	130	94.3159	15.558	Str5 ex-mar seg6
120S000	131	98.0849	15.733	Str5 ex-mar seg6
120S000	132	99.1228	14.65	Str5 ex-mar seg6
120S000	133	95.3609	14.353	Str5 ex-mar seg6
120S000	134	98.3725	10.979	Str5 ex-mar seg6
120S000	135	93.0254	10.829	Str5 ex-mar seg6
120S000	136	110.3631	11.744	Str5 ex-mar seg7
120S000	137	109.0347	12.489	Str5 ex-mar seg7
120S000	138	113.4315	13.136	Str5 ex-mar seg7
120S000	139	115.4509	12.376	Str5 ex-mar seg7
120S000	140	113.4913	12.196	Str 5 hal
120S000	141	111.5656	12.741	Str 5 hal
120S000	142	259.3244	8.533	120K ex-mar
120S000	143	272.1506	9.406	120K ex-mar
120S000	144	268.593	10.295	120K ex-mar
120S000	145	257.2215	9.57	120K ex-mar
120S000	146	267.3839	9.933	120K depth
120S000	147	356.2926	28.882	Str 8 tree S
120S000	148	356.3009	29.967	Str 8 tree N
120S000	149	350.0621	30.283	Str 8 ex-mar
120S000	150	349.39	29.223	Str 8 ex-mar
120S000	151	3.4154	29.159	Str 8 ex-mar
120S000	152	3.4149	30.127	Str 8 ex-mar
120S000	153	322.1852	54.212	120L ex-mar
120S000	154	321.124	54.673	120L ex-mar
120S000	155	322.0747	56.529	120L ex-mar
120S000	156	323.1001	56.074	120L ex-mar
120S000	157	329.0723	107.073	120F ex-mar
120S000	158	328.2956	108.815	120F ex-mar
120S000	159	328.5743	109.392	120F ex-mar
120S000	160	329.3745	107.734	120F ex-mar
120S000	S001	224.4758	84.828	Str Z station
Oc Point	**Point Name**	**Angle**	**Slope Dist.**	**Description**

S001	161	349.1832	12.092	Str Z trowel E
S001	162	345.3518	12.263	Str Z trowel W
S001	163	341.5704	10.415	Str Z tape W
S001	164	346.3544	10.193	Str Z tape E
S001	165	341.2426	9.42	Str Z lot card N
S001	166	339.1307	7.823	Str Z lot card S
S001	167	340.4819	7.996	Str Z compass W
S001	168	348.1939	7.694	Str Z compass E
S001	169	357.2155	7.268	Str Z whiteout S
S001	170	357.3458	8.119	Str Z whiteout N
S001	171	353.1759	8.712	Str Z line 1 E
S001	172	344.5948	9.074	Str Z line 1W
S001	173	346.0403	9.793	Str Z line 1 N
S001	174	333.3825	7.789	Str Z tags W
S001	175	338.2835	7.367	Str Z tags E
S001	176	349.4332	5.742	Str Z bags E
S001	177	328.1809	6.818	Str Z bags W
S001	178	332.1331	8.465	Str Z pen S
S001	179	334.095	9.296	Str Z pen N
S001	180	326.0636	10.536	Str Z pick N
S001	181	322.3112	9.727	Str Z pick S
S001	182	318.0038	10.291	Str Z car papr S
S001	183	321.3408	11.056	Str Z car papr N
S001	184	315.2249	12.246	Str Z sharpie N
S001	185	312.2229	11.708	Str Z sharpie S
S001	186	314.0704	12.791	Str Z ex-mar
S001	187	310.1403	12.093	Str Z ex-mar
S001	188	333.5923	8.286	Str Z ex-mar
S001	189	315.4228	5.7	Str Z ex-mar
S001	190	326.2038	4.753	Str Z ex-mar
S001	191	333.3507	5.48	Str Z ex-mar
S001	192	5.0002	5.009	Str Z ex-mar
S001	193	4.5217	6.056	Str Z ex-mar
S001	194	357.1025	6.187	Str Z ex-mar
S001	195	358.1513	9.818	Str Z ex-mar
S001	196	347.3135	10.149	Str Z ex-mar
S001	197	350.3124	12.683	Str Z ex-mar
S001	198	346.3134	13.061	Str Z ex-mar
S001	199	337.4315	9.289	Str Z ex-mar
S001	200	341.0332	7.774	Str Z ex-mar unx
S001	201	348.5638	7.433	Str Z ex-mar unx
S001	202	345.165	6.188	Str Z ex-mar unx
S001	203	337.4457	6.694	Str Z ex-mar unx
S001	204	14.3403	20.542	Str X SE
S001	205	349.3205	21.462	Str X SW
S001	206	14.2004	27.539	Str X NE
S001	207	53.3724	23.236	Str Y SW
S001	208	60.5343	26.48	Str Y SE
S001	209	54.133	30.086	Str Y
S001	210	55.4743	32.069	Str Y
S001	211	52.4945	34.599	Str Y
S001	212	44.1832	26.613	Str Y NW

S001	213	54.3723	40.141	Rock con N
S001	214	65.305	34.205	Rock con S
Oc Point	**Point Name**	**Angle**	**Slope Dist.**	**Description**
120S000	215	86.5247	7.483	Str 4 fuji N
120S000	216	89.4232	7.484	Str 4 fuji S
120S000	217	334.011	108.921	Mound A contours
120S000	218	331.4938	102.251	Mound A contours
120S000	219	326.3533	101.253	Mound A contours
120S000	220	323.5622	105.48	Mound A contours
120S000	221	324.0607	111.453	Mound A contours
120S000	222	325.4211	113.964	Mound A contours
120S000	223	324.4629	118.634	Mound A contours
120S000	224	327.2349	113.09	Mound A contours
120S000	225	324.4718	123.927	Mound A contours
120S000	226	327.5333	116.924	Mound A contours
120S000	227	330.4856	122.741	Mound A contours
120S000	228	327.0021	119.096	Mound A contours
120S000	229	326.0012	119.526	Mound A contours hr was 2.64
120S000	230	329.5711	120.397	Mound A contours
120S000	231	331.0733	116.468	Mound A contours
120S000	232	326.4733	122.906	Mound A contours
120S000	233	330.5104	111.397	Mound A contours
120S000	234	328.1345	121.452	Mound A contours
120S000	235	328.5943	107.343	Mound A contours
120S000	236	327.3353	114.628	Mound A contours
120S000	237	326.1748	107.008	Mound A contours
120S000	238	318.4404	66.559	Mound B contours
120S000	239	318.522	63.737	Mound B contours
120S000	240	322.164	64.902	Mound B contours
120S000	241	321.4558	62.464	Mound B contours
120S000	242	329.1556	62.966	Mound B contours
120S000	243	328.1055	59.903	Mound B contours
120S000	244	333.3456	58.273	Mound B contours
120S000	245	329.3835	55.936	Mound B contours
120S000	246	336.2924	52.077	Mound B contours
120S000	247	330.1459	51.609	Mound B contours
120S000	248	327.1424	47.455	Mound B contours
120S000	249	326.4527	51.125	Mound B contours
120S000	250	318.4605	47.29	Mound B contours
120S000	251	319.3703	51.424	Mound B contours
120S000	252	312.2007	50.792	Mound B contours
120S000	253	313.4636	53.361	Mound B contours
120S000	254	315.1956	58.423	Mound B contours
120S000	255	313.4023	60.348	Mound B contours
120S000	256	320.0815	56.292	Mound B contours
120S000	257	323.002	54.984	Mound B contours
120S000	258	326.1959	54.923	Mound B contours
120S000	259	328.4911	14.455	Mound C contours
120S000	260	242.5214	16.959	Mound C contours
120S000	261	303.405	16.874	Mound C contours
120S000	262	227.3739	14.611	Mound C contours

120S000	263	286.284	21.522	Mound C contours
120S000	264	216.3455	11.878	Mound C contours
120S000	265	272.1428	22.651	Mound C contours
120S000	266	215.42	8.47	Mound C contours
120S000	267	253.1511	21.625	Mound C contours
120S000	268	232.4024	3.776	Mound C contours
120S000	269	225.5319	19.706	Mound C contours
120S000	270	291.1451	3.263	Mound C contours
120S000	271	205.4438	20.67	Mound C contours
120S000	272	304.3206	7.204	Mound C contours
120S000	273	186.0829	20.276	Mound C contours
120S000	274	290.1906	12.586	Mound C contours
120S000	275	166.5506	17.248	Mound C contours
120S000	276	294.5509	13.124	Mound C contours
120S000	277	162.5005	13.549	Mound C contours
120S000	278	283.1041	16.569	Mound C contours
120S000	279	146.22	10.216	Mound C contours
120S000	280	265.2439	17.215	Mound C contours
120S000	281	128.3455	8.117	Mound C contours
120S000	282	246.2129	16.66	Mound C contours
120S000	283	113.2316	11.943	Mound C contours
120S000	284	110.3347	14.586	Mound C contours
120S000	285	102.1912	17.696	Mound C contours
120S000	286	89.323	17.668	Mound C contours
120S000	287	69.4024	18.146	Mound C contours
120S000	288	50.1529	17.371	Mound C contours
120S000	289	38.46	13.727	Mound C contours
120S000	290	10.5825	9.504	Mound C contours
120S000	291	254.4014	14.455	Mound C contours
120S000	292	271.5825	14.118	Mound C contours
120S000	293	282.1524	9.958	Mound C contours
120S000	294	261.3634	6.173	Mound C contours
120S000	295	296.5736	5.108	Mound C contours
120S000	296	258.0134	3.015	Mound C contours
120S000	297	137.2725	6.076	Mound C contours
120S000	298	180.1335	12.447	Mound C contours
120S000	299	189.5349	4.995	Mound C contours
120S000	300	193.4321	11.769	Mound C contours
120S000	301	224.4244	7.297	Mound C contours
120S000	302	216.2737	12.088	Mound C contours
120S000	303	240.2401	12.663	Mound C contours
120S000	304	34.3042	20.127	Site contours
120S000	305	22.5807	28.653	Site contours
120S000	306	16.0755	36.3	Site contours
120S000	307	3.3124	34.73	Site contours
120S000	308	11.0927	49.378	Site contours
120S000	309	1.2911	47.143	Site contours
120S000	310	9.0925	59.608	Site contours
120S000	311	1.182	58.537	Site contours
120S000	312	7.1112	69.796	Site contours
120S000	313	0.2204	68.985	Site contours
120S000	314	5.1012	80.568	Site contours

120S000	315	359.2906	80.046	Site contours
120S000	316	4.2738	92.116	Site contours
120S000	317	359.3523	90.733	Site contours
120S000	318	2.5007	103.763	Site contours
120S000	319	358.5359	102.944	Site contours
120S000	320	2.0114	115.516	Site contours
120S000	321	358.2925	114.312	Site contours
120S000	322	0.5024	124.918	Site contours
120S000	323	357.4854	123.486	Site contours
120S000	324	351.2237	121.267	Site contours
120S000	325	347.1149	121.612	Site contours
120S000	326	350.0249	108.742	Site contours
120S000	327	346.0456	109.408	Site contours
120S000	328	349.2235	98.282	Site contours
120S000	329	345.312	99.207	Site contours
120S000	330	349.1446	86.922	Site contours
120S000	331	344.5549	87.403	Site contours
120S000	332	348.4726	75.748	Site contours
120S000	333	343.3725	76.658	Site contours
120S000	334	348.4022	64.771	Site contours
120S000	335	342.1848	65.701	Site contours
120S000	336	347.2239	55.427	Site contours
120S000	337	340.2921	55.722	Site contours
120S000	338	346.5742	50.594	Site contours
120S000	339	339.3929	51.339	Site contours
120S000	340	346.5819	47	Site contours
120S000	341	339.1931	47.671	Site contours
120S000	342	346.5855	44.217	Site contours
120S000	343	338.5739	45.264	Site contours
120S000	344	346.5017	34.088	Site contours
120S000	345	336.3609	35.502	Site contours
120S000	346	346.5751	23.566	Site contours
120S000	347	332.1949	26.043	Site contours
120S000	348	341.3002	13.659	Site contours
120S000	349	319.3156	15.989	Site contours
120S000	350	176.5113	18.875	Site contours
120S000	351	195.5255	18.729	Site contours
120S000	352	179.4359	27.774	Site contours
120S000	353	192.1621	27.498	Site contours
120S000	354	162.0255	31.619	Site contours
120S000	355	151.184	35.999	Site contours
120S000	356	155.0415	22.43	Site contours
120S000	357	141.022	26.313	Site contours
120S000	358	142.3141	14.98	Site contours
120S000	359	124.4855	19.507	Site contours
120S000	360	116.2837	22.971	Site contours
120S000	361	106.5125	17.841	Site contours
120S000	362	88.3229	19.542	Site contours
120S000	363	273.4108	31.777	Site contours
120S000	364	288.4428	38.879	Site contours
120S000	365	297.3844	46.058	Site contours
120S000	366	305.4121	57.869	Site contours

120S000	367	309.4301	68.478	Site contours
120S000	368	312.4146	78.172	Site contours
120S000	369	316.3908	92.71	Site contours
120S000	370	320.5006	110.331	Site contours
120S000	371	321.0119	125.454	Site contours
120S000	372	247.3606	27.76	Site contours
120S000	373	228.2507	29.504	Site contours
120S000	374	212.4407	33.971	Site contours
120S000	375	166.5105	19.13	benchmarck?
120S000	376	50.3819	5.426	Str 5 kila E
120S000	377	55.1319	5.106	Str 5 kila S