

n #1 1931



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Mason  
Piezas Negras.

#1

Quintana

Puerto Rico


at

Quintana

note on

Quintana

Monday Feb 23. Sattethoude + I  
noted small hole in slip of mine near  
stake 40. <sup>mainly</sup> ~~about~~ all thick coarse  
sheds of very coarse sand with fossil  
rock binder. Some thin, rather hard  
lakes, smooth sand, 4-6 mm thick,  
fine grained red or buff sandy soil,  
suitable for gravel binder. One part  
with red, white + black. Some  
fossil<sup>ly</sup> with marked black surface.  
Thicker masses are coarser with more  
sand + large bits of gravel + not  
so well laked, with black cores.  
Up to 15 mm thickness. Large ones  
have no joint or slip + surfaces  
often rough. Descriptions often

with more, coarse mixed lines,  
generally parallel. One by a foot 

Tuesday Feb 24. Then dug hole for well  
in place near garden. Slight depth  
of holes + below red buff sandy clay.  
No shales above 25 cm depth, then  
uniformly frequent to 130 cm at  
which depth layer of small irregular  
limestone lumps of generally uniform  
size, indication of floor or actual  
deposit. Sheds unusually thick on  
this end in this floor. Nothing  
below (?). Sheds also this level  
fossil<sup>ly</sup> marked in fine slips fossil<sup>ly</sup>  
not stratified deposit. Sheds

thrown out a few narrow depths  
 rows but nearly thick, ranging from  
 the furthest 4 in thick to some 15 in  
 & 22 in wide. at some. There  
 were few grains sandy, plain or  
 red & black joint & mottled surface.  
 Thickest one white exterior slip,  
 mottled black interior. Thickness was  
 generally coarse, but some few a  
 well shaped with mottled surface or  
 solid black. Largest & thickest sherd  
 very coarse ware with red rough  
 surface & mottled black cores.  
 Also many heaps red clay nodules  
 possibly not from vessels. Probably

No shreds are found under the layer  
 of limestone lumps. This was probably  
 an occupation level. Another heap of  
 clay found with 2 channel impressions  
 probably burnt mottled.  
 Shards from latter layer on and  
 in floor are nearly thin & fine,  
 red and often jointed. Thickest  
 3-4 mm, fine mottled decoration.  
 One deep red & black joint &  
 orange slip. After polished red &  
 mottled black surfaces. D mottled  
 surface generally on the other side let  
 fine grain or well shaped & smooth  
 The piece of coarse black mottled  
 brown like that of mottled sherd.

Probably most of unknown level shales  
 come from floor. Many anastomosing  
 lens of red brick clay, several  
 showing channelled impressions, also  
 are irregular like one of figure  
 Shales from lower higher levels show  
 little variation, both the fine &  
 coarse thick, marked surface at  
 65<sup>+85</sup> in., faulted at 75, coarse  
 throughout. Probably marked in fine  
 slopes & stratigraphy insignificant.  
 Wed. Feb 27. Rained & drizzled all  
 day but S. & I went out in afternoon  
 & dug in small road near  
 far end of Plaza of camp. A very  
 small mound of stones barely above

2.10 m

surface & left diameter. Fully  
 large & small limestone stones &  
 rubble to depth of ca 18"<sup>50 cm</sup>. Some  
 shales interspersed. Width of  
 stone pile increases with depth.  
 Probably a small mound or terrace  
 covered by rock from hills. This  
 is between two layers but small  
 mounds not far from S. side of  
 Plaza. Beneath pile of stones is  
 earthy clay with occasional  
 small limestone bits. This full of  
 shales & had of animal fauna cut  
 off. Shales kept separate. Appa-  
 rently stands beneath 90 in but  
 without marked bottom level.

Sheds from in close wood of stone  
 (Yes a few from just below) mainly  
 large, heavy & coarse, up to 2.7 m  
 diameter (thick at rim), coarse  
 red, irregularly & poorly laminated,  
 gravel & sand temper, rough surface,  
 flat thick rim. I know more  
 after buff. Also a few of fine grade  
 what may have come from just  
 below stone pile. 1 blue laked, angular,  
 smooth, red joint or slip, 1 red, buff  
 slip, 1 fine smooth black marked, 4  
 rim thick, 1 black marked interior,  
 buff exterior slip, 1 buff slip & red  
 joint, 1 red clay mass.

Sheds certainly from below stone  
 Some thick & even coarse marked  
 generally with wide curved thick  
 jointed rim like those found in well.  
 Some gravel temper, also some  
 with rough surface. Poorer laked  
 than those in last group. Some  
 relatively thick, but well shaped  
 & with ~~red~~<sup>smooth</sup> surface, red. Some  
 thin red. Only one with smoke  
 blacked surface, on both sides.  
 One marked with polished red slip.  
 These generally have unmarked black  
 core, although there some of course  
 have white joint or slip.

A few are painted, these are thin & well made. Traces of red most usual, also buff slips. Two with designs in polished red & black. One almost certainly negative painting red on buff. Also upper part of tube (?) of animal which has been cut off artificially.

Saturday, A. M. Feb 28. Finished excavation behind base of stela 8, (A) at east end of terrace. Base in place. Anchor (?) full face, just huddles, glyphs at top + 2 sides. Back curved but ended. Now in 2 groups + base. Top in 3 layers + 2 small pieces on lower terrace, finally some small pieces gone. Lower part in 1 layer + 2 small pieces. Base upright in place, broken off irregularly with 25 lines of glyphs on front + 35 lines of glyphs on west side left in place. Broken off at ground level on E. side, 55 cm above ground on

W. side. Width at ground <sup>ca</sup> 120 cm,  
 thickness 43 cm. Distances below  
 ground to depth of ca 70 cm below  
 present level of soil maintain  
 rather level is lower or higher than  
 formerly. Shyfts on side begin  
 at ca 20-25 cm above present  
 level, + there on feet ca 35.  
 Foot is ca 25 cm from present  
 edge of pyre, + east edge ca  
 1.5 m from edge of steep descent  
 to east. Excavation behind it showed  
 it to be lined with many large  
 limestone rocks, all able to be lifted  
 out by men. Below soft loam  
 close to stela showed hole made

for retreat of stela. Firm +  
 more grayish earth further away  
 from stela probably original soil.  
 No clear cut line, probably because  
 large stones had to be taken out to  
 make hole, + apparently hole much  
 larger at top than bottom. Big  
 hole earth close to stela at  
 base + just near stela. No  
 evidence of anything buried behind  
 or under stela. Stela is ~~founder~~  
 type found. is to be tipped  
 backwards excavations continued  
 on front. A few shreds found  
 intermingled. All well covered. Rich  
 with sand temper. Several gray

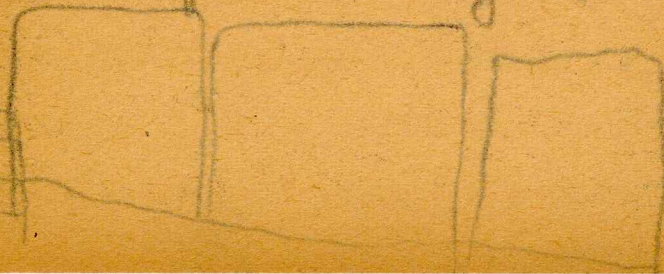
buff. one with thick flat rim.



Distance to next standing base of stela is ca 14 m. This probably stela 5. If this is correct & stela are about

evenly spaced they are 3.5 m apart. This seems to be about right given from front portion of stela which stela 1, about opposite eastward large natural slab to east of large staircase. But present depressions on terraced not tally with this.

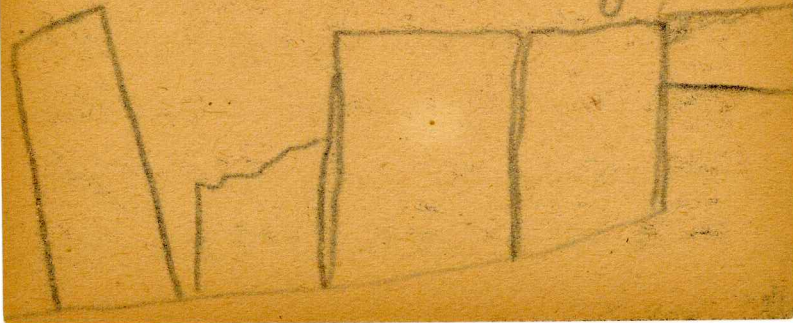
Notes on great staircase of acropolis. 3 great slanting slabs to right (east) sloping at 65-70 degrees. Probably always so, otherwise would be fuller. The present slope of terrace behind. To east of this is small terrace half way up. Slabs very large & buried by soil from above. Probably originally all same height & close together. At present central one slightly lower & east end one 8" low & fuller to right: -



Page 15

not made in carbon

probably as long as first, 230 cm  
 or more, but more deeply bowed.  
 Top are leveled off to be relatively  
 flat, though rough, in spite of  
 slope  $\frac{1}{7}$ . Faces are only relatively  
 smooth with depressions, cracks &  
 uneven faces. Possibly originally  
 were covered with stones. Total  
 front width of these 3 stones, and  
 of rest of monument is 520 cm from  
 edge of step. I see similar  
 stones to west, not so good.



17

Westernmost is very good but  
 small & falls to west. Or.  
 85 cm wide + 35 thick, sides  
 straight, face flatish but uneven,  
 looks very irregular. Terrace falls  
 at back. Next stone very much  
 weathered & broken but in place, top  
 gone. Width 125 cm, thickness  
 only 15 cm. Differs top from others  
 & possibly curved. Inner stone  
 larger & heavier. Lateral one 175 cm  
 wide, 205 cm above front soil level.  
 35 + thick, looks top edge rather  
 flat but irregular surface.  
 Innermost similar, 120 wide,  
 165 above front soil level.

18

Width of top about same as last.  
 Westernmost stone is ca 190 cm  
 above front level. Excavation in  
 front of largest stone revealed 60  
 cm of soft brown mottled stone &  
 thin compact layers of small stones,  
 probably original floor level. Base of  
 stone is at 20-25 cm below  
 level of stones which is ca 40 cm  
 below soil level. Total height  
 of largest stone ca 255 cm.  
 Steps between 10.5 cm long  
 + consist of 4 massive long  
 steps, now much disrupted &  
 curved. Probably steps of smaller  
 stones also, now entirely gone.

55; over 65; over 65, 70. Lengths  
 140, 170, 270 (possibly 2) 120,  
 120, 165. Third step, ~~two~~ of  
 probably 6 blocks originally, 3 on  
 below. Lengths 190 (possibly);  
 stone badly broken & left part gone)  
 160 (broken in 2); 160 (broken in 2)  
 170; 110 (possibly part of preceding)  
 200. Widths: 60; 60; 65; 45-50  
 (block below could not be used on  
 this & is not fallen or sloping);  
 70, 70. Heights: 32; 35; 32;  
 33; 32; 32-35. Average width  
 of lowest step (at width of stones)  
 75 cm; of 2d step 60 cm; of 3d  
 step 70 cm. Although many of the

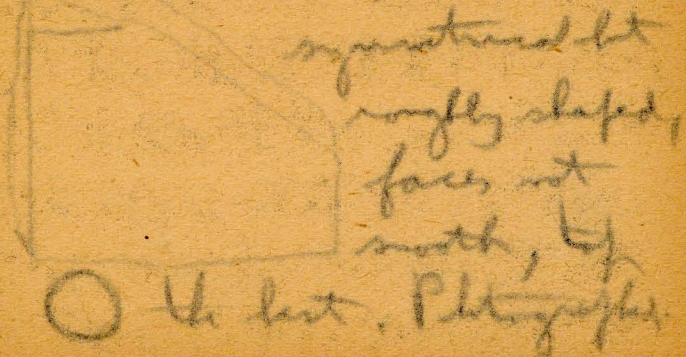
are tumbled or pushed forward, the  
 alignment of all is still fair &  
 indicates that stones of different widths &  
 lengths but of uniform height were  
 used. In some cases stones on next  
 step do not rise on levels of the  
 below, in other cases not.

March 16.

Returned to work after trip to  
 Tensique & began work again  
 on stela #8. Had now been  
 quite hard in order to tell base  
 back. In part are large  
 stones, small stones & dark  
 earth, probably from a stone

excavation was made and hole filled up. Stela base was then back + shows fine flat base.

On foot of it, with its center 45 cm from left side of stela + its inner edge 4 cm from foot edge of stela, base about 8 cm above base of stela + top about 18 cm above, is well shaped small cylindrical stone, 20-21 cm diam + 9-10 cm thick. This stone is



Excavation was cylindrical stone, under stela base + in fact called nothing. Dark earth with stones of irregular shape, generally small, in tangle at depth of ca 65-85 cm and few inches below base of stela is rubble fill without earth + with large interstices between stone fill. Although not very definite, possibly excavation near to stela was called; some large stones are in place. This "well" in fact is at 60-65 cm from stela foot, stones on upper layer lay + in bed.

March 17.

Rained all morning. I stayed in camp  
 fixing. After breakfast 2 men on  
 reconnoitering road base of stela 4 (P).  
 Apparently reconnoitering already done  
 around this. I also found at  
 great angle a large excavation on  
 the foot of the hill to the left. It is  
 for the same purpose, that this fall  
 was in recent years. Set 4 other  
 men at work on staircase above  
 large steps of large stone blocks.  
 Base of stela 4 (P) is 130 x 70 cm,  
 height uncertain yet. Lies parallel  
 with foot of terrace, about 3 m. from  
 edge (270 from ditch here) and

to east edge 93 cm. W. of W. edge  
 of next fallen stela (571). I also 12.7 m  
 from west of W. edge of base of stela 8.  
 Ditch with <sup>large</sup> small stone like to  
staircase. Probably was terrace  
 of ca 2 m. width at level of  
 upper ~~staircase~~ large block of lower  
 staircase, which is 75 cm. width  
 of the block, but no fine floor  
 upper here & no evidence of steps.  
 No? Apparently was another tier of  
 steps of large blocks, almost all of  
 which have fallen for piece. Some  
 of these are in place at base of step,  
 several away at top, others were  
 cleared off of large steps & a few

rest of one is still in place. This is  
 30 cm high & 50 wide, top very  
 rough; feet four sets on top, back of  
 lower tier. For rest are a few  
 large blocks on in place. This off  
 tier being level of plaza terrace  
 up to level of top of large  
 sloping vertical slabs at sides.  
 This terrace apparently was about  
 230 cm wide from edge of blocks  
 of this upper tier to feet - level  
 step of upper stairs. Level is appo-  
 ximately equal. Steps also are much  
 finer & of smaller & irregular stones,  
 probably originally covered with stone  
 as much found out of place, but

ties visible, about 11 steps E.  
 (possibly originally more at top.)  
 Average 20 cm rise & 30-40  
 width. Total height from base of  
 lowest step (terrace height) to  
 top of upper step (level of upper plaza)  
 is ca 230 cm. Distance from  
 base of low to top of upper step is  
 460 cm, making 50 to a 2 1/2" rise  
 Stairs of upper tier of large steps  
 are apparently smaller than those of  
 tiers below. Opposite is 5th tier.

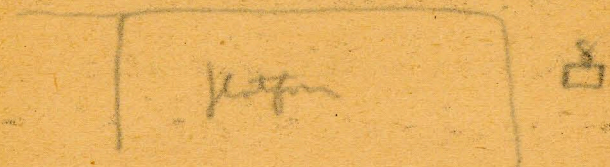
Wed. March 18

Worked above on stela 4. Base  
 is at 80-90 cm below ground level  
 at back, 60-70 at sides. Balustrade

massive blocks apparently unworked  
under stelae & east of lighter color.  
Tried to level it but found that  
could become pile because during  
line of shifts at edge & notes for  
jacks to be brought up. Present  
line of base (if still in original  
position) is 360 m from stela  
line at edge of terrace. Beyond  
excavation in slight depression which  
fills with debris from which stela  
6 or 7 fell. Fall of black lines  
with very few stones at surface.  
Tree just at west edge of it.  
This hole is near edge of slight  
raised terrace on this terrace.

This has not been noted before. To  
back & east end of long terrace soil  
is relatively level & stones few.  
But to front, with front line  
not broken on account of fall of  
stela, is a raised platform about  
20-40 m across surrounding soil.  
To be like to the back is well marked  
& straight though made of rough stones  
with no straight sides, so the  
west line is not so definite.  
Just stela 8 is not on this  
platform. This platform apparently  
extends no further west than  
stela 5 (not certain if 5 was on  
it or not). No evidence of

It further west, a probably impossible  
since slope of hill behind is very close  
to perpendicular of this line (structure?)



It is therefore about 7-8 m. long & 4  
m. & apparently 380 m. wide.  
Relatively level for this width, the  
ground slope to edge of steep  
slope at about 2 m. distance.  
(also a small terrace below this)  
The hole being excavated enters

larger stone deep & is surrounded on  
all 4 sides by walls, making a walled  
well, quadrangular & irregular,  
back wall not so well marked.  
155 m. E + W, 125 m. N + S. Blocks  
with straight faces but not faces,  
Large trees & roots extend to west.  
These well walls much better made  
than those of stone 8, only front  
wall of which is certain. The front  
& right (S + E) walls are very well  
made of blocks with relatively straight  
faces. N. wall poorly made & uncertain  
& either block with straight face  
certain, due to m., but this  
seems to be in fine with wall at

end of this. W. wall is good at 5 m.  
 core, but not so covered by + destroyed  
 by trees. Below a slight depth  
 of dark brown + large stones is solid  
 mass of light colored earth + small  
 stones, but packed - not usual  
 rubble nor horrens. I regular  
 clendon chip + rock, a very few  
 small green shids found. S +  
 e walls consist of 3 + tiers  
 40-60 cm high at present. Base  
 of lls a few in. below base of  
 wall, rubble with interesting below  
 at depth of 70-80 cm lls soil  
 level. Decided to tear down  
 north western wall + follow good

east wall northern + see of this  
 is good with wall now covered. Do  
 full of large stones + black horrens.  
 The east wall extends above to  
 distance of ca 170 feet north wall  
 + core with definite end + rubble  
 with wall being found.

Then dug out long wall (e + w)  
 wall along platform edge. Although  
 surface stones are rough + irregular,  
 the base below the base straight +  
 filled faces.

Several more continues showing  
 staircase of small stones close large  
 ones. Little in line. Four steps  
 are lost, especially lowest 2, the

2 fair, the + terrace, =  
probably + also that = 1/2.

March 19, Thursday  
Along Basaric + Gama around in  
morning + in cuttings not on terrace.  
Had well of stela & opened wider +  
found well to west. Walls not so well  
made as the father nest, but good &  
high. No near wall found. Front, S.  
wall 170 cm e. + w, 50-60 cm high,  
West wall ca 120 cm without defects  
and max height 80 cm, probably first  
wall was originally same height, but  
settled away. East wall already  
described. North wall at front. (Panic  
Enclosed is running e. + w.) Probably

with as covered, or probably close to it)  
Stela base at front is close against  
right (east wall) & 40 cm from west  
wall. Possibly no wall to n. hence  
stela may slide down with ramp  
face? W. wall of irregular width  
ca 40 cm. Take space of ca. 160 cm  
to east edge of platform already des-  
cribed. This edge not so plain as  
north edge since terrace outside here  
lower & stones probably worked down  
at this edge of platform apparently 490  
cm. from wall where n. s. corner above  
lot edge of terrace. Length of platform  
e. + w. probably about 7 m. Take about  
2 m. to east wall of next stela

hole. Apparently no stone entered  
 between the, either on platform or off  
 platform with # 8. Just like the first  
 hole for # 7, already excavated.  
 Distance between inner edge of well  
 wall of # 8 & # 7 - just 4 in. Well  
 for # 7 already described. # 7 is  
 either on well terrace below. No  
 back with well evident here either.  
 The new section, well hole for  
 # 6 & # 5. Base piece of # 5 are  
 lying on edge of terrace apparently in  
 position in which they fell from, 1  
 long & 3 small pieces, probably upside  
 down & one revised & left to have  
 some carving & glyphs on <sup>the</sup> ~~the~~ face of

upper part of this hole. Deformation  
 like probably marks hole out of which  
 # 5 fell. If so it lies very close to  
 # 4, the hole of which is in place, & a  
 east wall of 4's well raised as west  
 wall of 5's well. East wall incision  
 & covered by roots of large tree.  
 Wall of # 4 is now cleared but not  
 finished. Base tithed back with  
 half of jamb. A fine long stone  
 with almost flat base. Measures  
 125 x 43 at base. 100 mm. 113  
 mm. height. Point portion, finally  
 tithed found, now back, close to  
 w. wall, 5-10 in; 40 in from east  
 wall. Line of incised glyphs along

broken top edge, slightly damaged  
by one of files as leaves. Must be  
rubbied or photographed.

Slightly to left  
well preserved &  
fine to right  
badly by the  
Edges of each  
18 cm from  
edge of stone,  
26 cm apart  
in center &  
35-32 cm long  
respectively.

Spine = 129.

Measured width at top:

128 cm



Friday March 20. Stalae 1 + 3  
almost certainly fell over backward &  
large pieces of base remained about  
in place, top broken off & cement all  
Upper parts now lie at slight  
distance from base, with lat faces  
up. Probably were left the free  
down & badly turned then over for  
study. Large bases lie with lat  
preserved face down, the probably  
originally rear face; upper faces  
(front) & bottom faces of carving now  
turnable with difficulty. Were  
probably turned then up on edge  
& let them fall back into place  
again. Bottom therefore probably

lie in row or less former position  
 & excavation beneath them is  
 difficult until moved. Stela 2  
 apparently fell forward and was dis-  
 tinguished by ruler. Is in 3 pieces.  
 Long line probably about in place,  
 middle section near edge of terrace  
 & top piece curved off & placed on  
 top of base of #1. Due to fresh  
 rubble filling, bottom of 1 + 3 are  
 probably somewhat S. of original set &  
 bottom of 2 north. Difference  
 between these probably 2 + 3  
 160 m. —

In excavation to west of  
 rubble etc. presumed to be for

stela 7, no evidences of walls  
 have been found as yet, but in  
 S.W. corner of excavation, at  
 distance of 270 m W. of W. end of  
 7 and 350 east of E. end of 4, at  
 depth of 40-50 m, found fragments  
 of complete (?) plain red alba &  
 obsidian & flint flakes chipped in  
 artistic shapes. Depth very uncertain  
 because fragments here described by  
 roots of large tree. Is 30 m  
 outside S1 of polygonation of S. wall of  
 #7, and 1 m S. of base of wall of  
 #4. No wall evident. In excava-  
 tion #5, ~~is~~ N. of base of stela  
 5, no section walls mentioned - deep

excavation made. To west is  
 east wall of 4 to depth of fossils  
 110, although at n. end rubble with  
 earth layer at 75 in. No wall  
 evident to s, fossils destroyed  
 by fall of strata to w. by large  
 tree to e. Base of strata at point  
 flat to s. is close to w. wall  
 hardly 5' 4'. Great tree is on  
 s. e. corner & impossible to dig  
 there. Possibly trace of wall at 190 in  
 from west wall. No evident sea wall.  
 believed out under strata 4 and  
 in course of wall but found nothing  
 more notes of interest.

Very hot after lunch; set 2 men to  
 clearing space of other walls of  
 terrace. This terrace about 70  
 feet long. 8' at 30 feet from east  
 end end of slab at staircase,  
 22 feet more to w. end of slab, 18 feet  
 more to end of terrace. All strata are  
 in 1st 30 feet. Also staircase  
 (if existed) to amphitheatre. Platform  
 to 15 feet. Step to amphitheatre  
 30 feet. If any irregular walls.  
 Widest to west of terrace below  
 in front of wall high place just  
 west of amphitheatre. Terrace  
 extends west of beginning of line of  
 road due running e. w. on s. side

of lower upper floor (long excavated  
by Sattabhande). This part of  
terrace very irregular also at edge.  
Probably much washed away. At  
east side upper low terrace very  
plain & now long cleared. Both  
retained by walls of roughly piled stones,  
probably originally covered by stucco.  
Low terrace has rather wide, a 2  
ret. steps, 5, 6, 7 & part of 8,  
fallen from above. As large  
stairs is now low terrace  
has less plain, probably being  
caused by collapse of retaining wall of  
upper terrace & by stones thrown out  
by Walker's men while excavating

steps 1-3 (?). Apparently the lower  
terrace was a later addition, since  
Sattabhande's trench just east of  
retaining stone shows retaining wall  
of upper terrace extending only a little  
below floor of lower terrace,  
(see his notes), very small stones  
covered with lime mortar white.  
This floor in his cut is about  
or level with lower terrace level  
& terrace between narrow small  
step. At region of entrance retaining  
slab is much washed out & difficult  
to reconstruct. Direction of  
small steps continues to edge of  
last large slab to east, probably out,

but probably extends to beginning of last one. Very similar construction to rest of steps. Small steps extend about to end of next large slab. Beyond this, low terrace much destroyed, probably by fall of trees & flood down. Westward 2 slabs, largely free & terrace at back has two likely, although because ledge below is flat to steep edge of terrace under last of large slabs. No. One may be again. Four flags at least on this side probably did not extend out to line of great natural slabs. Four flags slates & micas - all flags probably

not so high above it. Also mounds more disrupted & more irregular. Also on east side low wall of terrace is considerably made up of line of great natural slabs. Notes on altar #3. See also notes of last & place of Wager. Much broken & fallen at part & possibly all original data changed. Support set present 3, each rectangular oblong, 2 natural, one excavated (by Miller?) Also ascent to terrace covered A, B to east, C to west. B is torn out. A with sulphur & fire to flags, leaning to east

(probably on account of lining of  
altar) Glyphs above ground 62 x  
73 cm. Only 5 pairs of glyphs  
strong, probably due to filling in of  
flaga. Glyphs fairly well preserved.  
Sculptured face slab pulled to  
line of flaga. Upper glyphs:-



About 38 cm square at top,  
slightly wider at base. At present

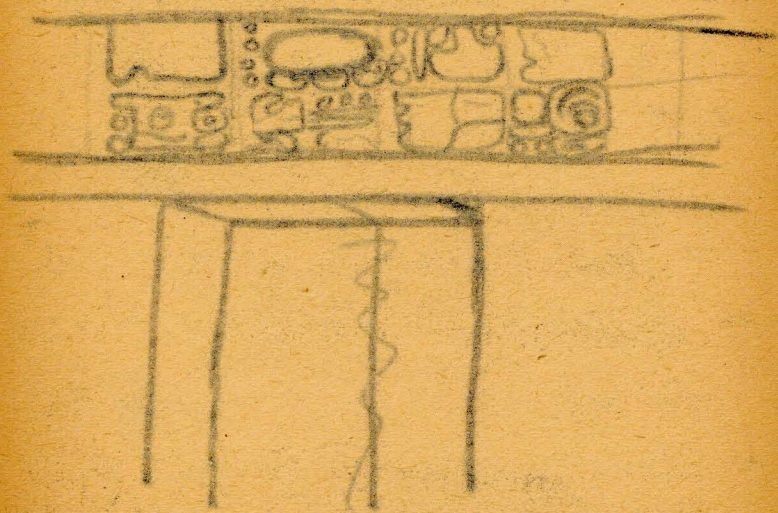


Glyphs above on altar very eroded.  
Brick of large section of altar above  
15 cm x 15 cm edge of A.  
Support B has been pulled out.  
Under D and laid up for photogram-  
metry. 138 cm long. 38 sq. at  
top + base. 6 pairs glyphs, much  
eroded, glyph number 30 x 82.  
Original relations of support + top  
difficult to determine as top  
broken here. Hole from which  
it was excavated now right under  
altar. Glyphs:



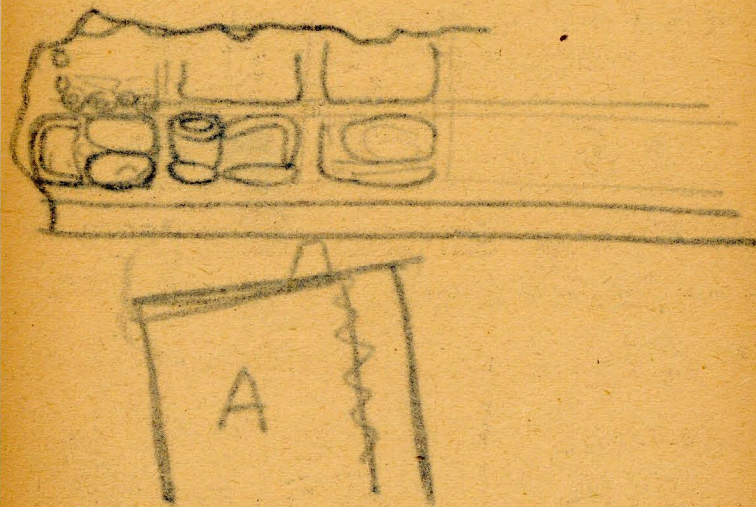
51

Support C. at angles shown in drawing on p 49. Altar rests on inner edge. Shyfts gone, probably originally only 5 pairs. Angle table determined later. 32 in face at top X 38, but 38 X 38 low down. Tilted back. Shyfts done.



52

2 broken edges of altar have been supported on pater stones, probably by Morley, to photograph. Also 2 fragments broken off have been joined together for photographing. Under side of altar remarkably smooth + flat. Support A



Distance between front edge  
of A + C. 65 at base, 70 at top  
alternate edges to front. 131 at  
top 127 at base. Other details of  
portion to be supplied by Wagon.  
Some had been working on wall  
of retaining terrace & the  
land. Wall of upper terrace  
fairly good but made of rubble plus  
stone. I shot off 750 lb, stone  
with a flat face. Must be heavy  
stone core. I cut two or three  
have straight face & wall details  
perpendicular for 60m, the slope  
Total height 220 to height at  
front of wall - ca 3m to level of

terrace. I own well no doubt.  
Totally finished except for 30m at  
top. Even face but less slope.  
Front height 145m, Parallel  
face height 170. Base is little  
below front level of plaza. Width  
of lower terrace at this point 350m.

Sunday 22d.

Lint + D worked around camp.  
5 men cleared on S. group a  
wood building ancient group.

Monday 23d.

Men continued work of Saturday  
afternoon clearing slope of terrace  
to W. stone steps 40-9 and  
10-11. Stone work in center

The steps are similar to the  
 appearance of great stairway to  
 east, but without terrace or  
 large blocks at base. Stones  
 are much disarranged. Doubtless  
 originally covered with stones.  
 Width of last measured step  
 near middle of terrace: average 30  
 cm, rise average, 23 cm. Grade  
 about 35°. So much destroyed  
 that anything is uncertain. If  
 partly formed in 3 terraces.  
 Upper terrace is almost 2 on it  
 stand stelae 40, 9, 10, 11. Rising  
 well up, at least 220 cm to  
 level of upper terrace from probable

level of middle terrace. Middle  
 terrace was apparently about same  
 width, 220 cm, but top of double  
 retaining wall ~~was~~ destroyed. Wall  
 well to right latter but partially  
 of papyrus & rather well made with  
 blocks with straight faces. Appa-  
 rently continues like stairway  
 which was built against it. Two  
 rows of stones difficult to find as  
 slope of some years - height all over  
 B at upper edge of stairway is  
 at about 18 m. from upper  
 e. side of terrace & ground face.  
 On w. side of stairway upper  
 retaining wall continues for about

12 m. from affort east end of  
 terrace, this side of stream has  
 and was difficult to determine,  
 but end of all extent but it ends  
 in actual hill. Wall of terrace  
 about 8 m, broad continuous.  
 Terrace to east side at cleared,  
 but from top of affort stream  
 wall to top of wall is, long  
 distance, is about 4 m, as against  
 2.2 m to west. This may be  
 caused by better of account  
 of limestone.

Neither affort nor  
 middle terrace walls  
 accounted for.

but low terrace seems to be  
 about 2 m. wide - possibly 2 m  
 above level of water of page. Also  
 the ~~west~~ east side the structure  
 is a little flatter. Noting all of  
 middle terrace very poorly made  
 of rocks without flat face, but  
 faced with slight batter app-  
 rently about 2 m. high. This  
 low terrace is uncertain - may  
 be remaining. Middle terrace  
 wall on other side, which can be  
 followed across step (?) for some  
 distance, does not seem continuous  
 with this. Also no edge of terrace  
 face. No low terrace wall

found here, and lower wall -  
 turned to west mountain. A jet  
 rubble floor seems to be marked at  
 about 1 m. above level of pyramids.  
 Nothing certain here except upper  
 returns, etc. Left this for future  
 further work.

Tuesday March 27.

Began work with my fire men  
 on high pyramids to east (?) of  
 pyramids — on west  
 slope of which Wankley found  
 stelae — + — . Quite high  
 + steep. Stelae are not yet  
 at base, one at a w. corner +  
 one to north + at close to

pyramid. Stood on clear front,  
 a depression on slope which may  
 have been made by luteal water  
 or by fall of great tree. A table  
 on top which should be important.  
 Probably long, narrow + one room.  
 Back wall + door evident near  
 center of wall. Started excavating  
 + throwing down near slope.  
 Room for building fully with  
 long axis. "Door" in back wall  
 turns out fully to be niche.  
 More must destroy + measure  
 to be made later. Worked on this  
 all day + measured walls on  
 either side of niche, + wall at

61

South side of main door opposite  
 niche. Is also full of fallen  
 stones, many slabs. Slabs near  
 all entrances probably indicate arch  
 vestiges of lintels. No well yet  
 found to south of main door.

A great slab on edge in center of  
 room & other large ones leaning  
 against wall at entrance to niche.

All well fallen entrance &  
 monuments therefore to be made when  
 floor is reached. Largest slabs

are  $120 \times 55 \times 10$  (irregular  
 maximum)  $90 \times 55 \times 7$  (id)

$88 \times 78 \times 5$ . Another  $116 \times 68 \times 7$

Largest one main entrance to niche

62.

Wednesday March 25.

Site now continued work on temple  
 on top of pyramid. Soon located  
 north side of main entrance, wall  
 also fallen entrance here. Entrance  
 very wide, probably too wide for  
 lintel except of granite beam.

Also is not directly in front  
 of niche at back. In fact to north  
 located another entrance, 'well' being  
 apparently a wide fallen.

Great tree falls this north end of room &  
 fully well be left. Smaller trees  
 felled in south end & this will be  
 excavated & taken as interior.  
 South center is filled in masonry

n. s. line by great number of vertical  
 parallel thin slabs, tightly merged,  
 and less the cap of the roof arch.  
 On the center of the rock at the  
 back is a well sloped vertical  
 stone pillar, round + fully in  
 position. On n. s. corner the  
 edge of the round pillar lowering  
 the north entrance in west wall at  
 n. side is found a ~~small~~  
~~fallen~~ pillar.

Thursday March 26

Continued excavation with 6  
 men. Located end south wall +  
 limits of south entrance in west  
 wall. Well floor now obvious.

One large room, oblong, rain  
 decayed over on 15, 3 entrances in  
 front wall to w. facing west  
 flange. Niche in rear center in  
 which is a flight stone, fully  
 placed. Near floor is a slight  
 ledge at rear (east) side, but no  
 east floor at this level. Ledge  
 with thin slabs at top + well  
 below is at foot of this ledge,  
 consequently room runs at floor +  
 under above. Walls all fallen stones  
 use of stone blocks, rough hewn or  
 with natural relatively flat faces  
 Width of rock at rear 10.5 m.  
 Depth from wall inside ledge

to back of niche 85-90 cm.  
 Width of room from back wall  
 at top of niche to floor to side  
 of room door 215 to 235 cm.  
 at south wall 230 (but a  
 wall is fully forced out in S.E.  
 corner. At N. side of room door  
 215 cm. North end not yet  
 uncovered. Wall is at maximum  
 height at N. side of niche in east  
 wall. 160 above ledge (Wall  
 above door goes only to this point  
 when nich began, 40 cm above.  
 Measurements of front wall from S.  
 corner: S filler 86 cm; S. entrance  
 135 cm; S. central filler 130 cm

central entrance 185 cm. N. central  
 filler 125 cm, N. entrance 190;  
 N. filler 70. Total 870 cm. By  
 actual measurement:



Sunday March 27.

Dull & threatening, 6 o'clock work.  
 Moved with wall but this  
 section filled with great trees  
 which will not be cut. No definite  
 floor found to room either by me or  
 myself. Stones are pulled out &  
 rubble carries <sup>interior</sup> of figures  
 exposed. In northern part a  
 hard layer seems to underly soft  
 earth above, but this not found on  
 floor in northern part.

On central rear niche level was apparently much higher than floor of room. Exact level not found, probably broken there by rise, but was not far below top of interior stone. Below this had packed with small stones + many patches (see found elsewhere). Also larger stones of irregular size but no fallen slabs. Also some very large stones near inner side walls which are otherwise regular. Popping, but original floor level has obviously high. On level with large regular blocks under fine slab ledge is a well shaped

thick stone in front of niche. Probably originally had slab ledge above this. But this was only part of front rough stone to ~~west~~ north. It was not well fitted originally, built up in front of the four height of nich level. Great stone apparently, interior, interior fill. Ledge only at back of room. Modification of interior ledge niche: walls straight only to level of top of slab of ledge. Below this some stone for wall project to wall, while other interior face of wall. This was apparently level of niche, but no

definite floor was found here, only  
 had picked earth & stone beneath.  
 This level is about 35 cm below  
 top of stone, (but level of bed-pick  
 seems to be higher, ca. 20 cm  
 below this is irregular level of  
 water & stone covering stone rock  
 fill in which stone is interbedded.  
 Present height of wall at back is  
 85 cm above slab large lead &  
 walls are loaded to this point.  
 Direction of new wall extends  
 above this point. Side walls are  
 high & not loaded, possibly a main  
 line. Nothing was interbedded under  
 under the stone which lay on surface

of cement covering rock fill. This  
 was very irregular but does closely  
 against wall. Broken though &  
 only interbedded of rock fill found  
 below. Stone is roughly cylindrical,  
 not smooth . Phillips?  
 56 x 25 x 20  
 slightly wider  
 at top.  Thickness of  
 wall at front  
 extends fully  
 140 cm, difficult to determine  
 properly on account of fall of wall  
 at side, wall behind 25-30 cm  
 thick & straight on outside, 125  
 to upper wall & 140 to very gully  
 ledge is 10-15 cm wide & wall  
 below it into bed, interbedded

of room at S. of nich 1 s. with  
 filler just about 2 m. On the  
 side of the south end wall is an  
 unusual feature. May have been a  
 niche, but possibly wall stones  
 filler in peculiar manner. Is  
 not duplicated in north wall.

front view

section for door

On north part of floor room,  
 floor quite hard & center, though  
 not level & no south part. On  
 southern third on bed floor (partly  
 because of large tree roots here)

But except floor composed of  
 small stones 1 or 2 in the or  
 center together in compact mass to  
 which all feet & round with dirt  
 sides of rock pile built. Fragments  
 of fire coming from center with  
 blue rock near center. Very few  
 stones have been found except in  
 niche. A few coarse iron pieces in  
 upper cut, & a very few near or  
 on floor. Also a few pieces of  
 stones. All floor being packed  
 out, being edge of floor against  
 walls. I could not in entrance of  
 here. Nothing found.

End of Book 1