LS 1942

Structure F-3

Drawings, Units ABC, Court Floors

Isometric Fig. 1

Plan and Sections Fig. 2

Photographs.

Inner wall masonry, portable altar in positon	Plate 1
Debris Section, Room	2
Cap stones	3
Masonry, Unit C, (front)	4
Masonry, Units ABC (rear)	5

Dating Criteria

Vault-span index
Masonry
Ceramics

References for Conclusions Sections

Abandonment
City Planning
Doorways
Masonry styles
Mound Interpretation
Portable Altars
Vault Sequence

This was found as a mere mound except at the left rear, where a considerable expanse of outer wall showed, and stood to full or nearly full height. It appeared much higher from the front and right end than from the rear or left end, due undoubtedly to wash from the hill rising sharply in those directions. Excavation was confined to a center trench and pit, the objective being identification of the roof type and cross-section dimensions. A little clearing was done at the left rear corner to locate it as a basis for reconstructing the plan without digging it out. Digging was with only intermittent supervision. No points were surveyed or triangulated, so the plan (Fig. 3) must be shown as rectified. We neglected to take levels on the structural units, so the sections are based on straight measurements. The chief interest of Structure F-3 is as a vaulted

LS 1942

F-3 Average Dimension Tables

Platform Units

Units	Hts.	Lgths.	Depths	Slopes
C	1.50	7.50*	3.35*	81
B	.30-.40	10.00*	5.85*	V?
A				

Stage	Elvn.	Depth
C	1.55	1.80
	or	
	.95	1.80

Building (Units A)

Section Table

A	B	A'
.65*	1.65*	.65

Elevation Table

Lgth.	Depth	Piers	Doors
7.50*	2.95*	1.00?	1.00 (center)

Note: Piers and side doors may be non-existent.

Masonry Noted.

Fills Only that of Court Floor 1 seen. Solid earth and stone. Some of the stone looked like poor building stone. No data on fill walls in small pit only.

Walls Satisfactory exposures of all units indicate no distinction in masonry types, except that thick tablets and blocks were selected for the top of the building platform wall. Stone in the walls of Unit C and of A, both outside and in is tabular with many short thick blocks and few irregular stones, medium size, and plentiful tabular chinking (Plate). Partial reconstruction of right door jamb from photograph indicates bonding (Fig. 3). Mortar grayish-yellow.

Vault Debris indicates typical slab type (Plate 4) with typical cap-stones; remains of much grayish-yellow mortar.

Floors Court Floor 1 noted as poor, Floor 2 showed crushed stone as remains of concrete. Structure floors undoubtedly concrete (memory, no note made).

Plaster White finishing plaster seen on room floor, in patches; probably in good condition before excavation, but absent under portable altar. Gray plaster not noted. No wall plaster seen in position.

LS 1942

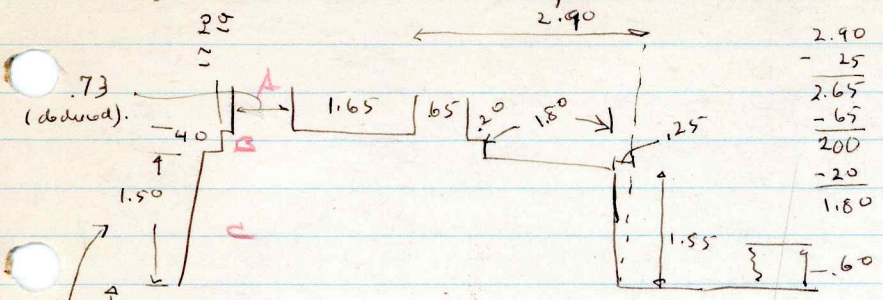
F-4 Objects Table

Position	Sherds.	Miscelaneous
1. Surface to floors of Units A,B,C and Court floor 2, in trench on center axis running from court inside rear wall of building; field notes suggest ~~xxx~~ objects are from under floor of building, i.e. in Unit B, at least in part.	NE-2-1	Few small bones and fragments.
2. Surface to level of base of Unit C, from pit at outside rear center.	NE-2-2	
3. On building floor	~~NExx~~	NE-3-2 (Portable Altar).

F-3

LS 1942
From orig. notes

Section Table from orig. Note sheet.



← Soiled ("earth + stone + ll. - from wall stones"

Behind here was brown earth & few stones near bottom "apparently floor of small stones.

Room floor dips slightly (not measured)

Corner floor sloping toward plaza

Crazing on many sherds noted in sketch indicates on air corner 2; but this floor not seen here or back.

Section Table			Face Table				Substance.	Stage.
A	B	A'	Light	Photo.	Dist.	Floor	Light. Reflto	Elev.
65*	165	65	7.50	2.95	1.00?	1.00 (corr.)	~~A 1.50~~	C 1.55 1.80
							~~B 40-50~~	C .95* 1.80*
							C 1.50	7.50* ~~3.35~~*
							B .30*	10.00* ~~5.85~~*

Corner floor + time.

165 | 65.0 (39%)
495
1550
1485
65

1.55 (around)

* .40 on rear.

81°

25

Masonry Photos.

Outside
Rear ABC-34-2
Front ABC-34-9
Inside A -34-7 (with Datum)

C		
20		
65		
1.65		
65		
20		
~~335~~		
25		
20		
20		
180		
25		
250		
~~235~~		
~~585~~		

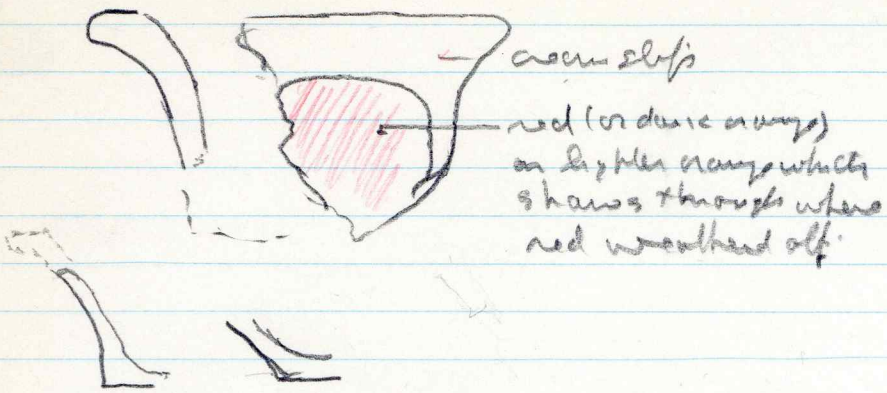
Profile
slope ~~25~~ 40
wall 65
1.65
wall 65
20
180
slope 25
5.85

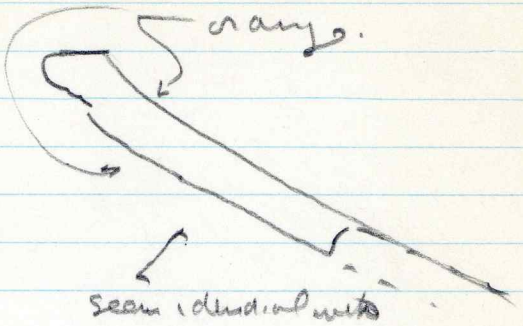
2
215
25
240

40±
73
165
65
20
180 25
25
5.68

F-3 Shed Notes
1942 LS 1942

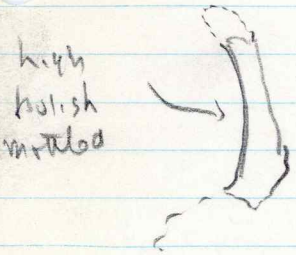
L-69-1 (NE-2-1)



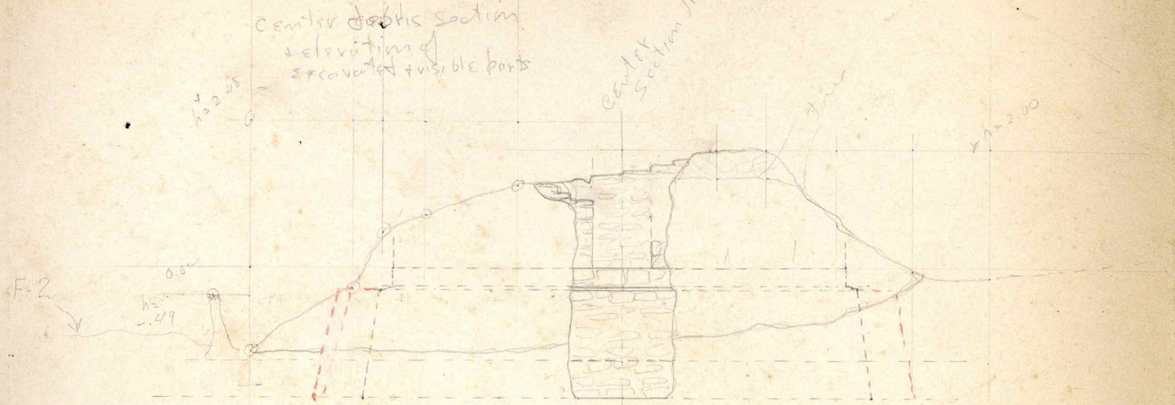


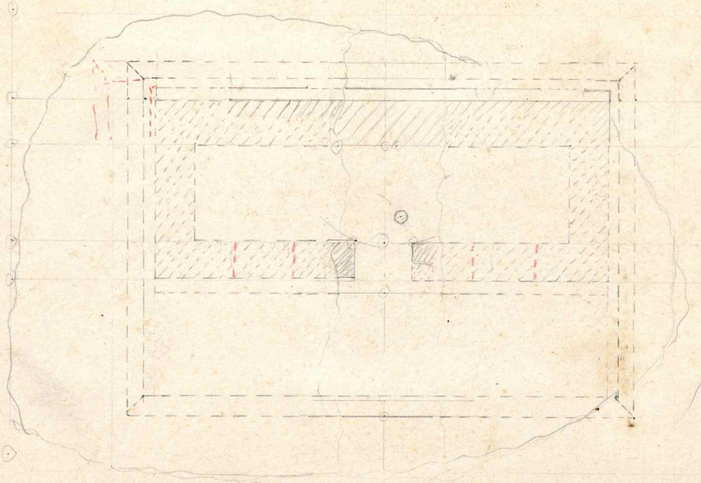
(on W-S-198.
(on K-5 — left over (K-5)
after K-5-2nd;
W-S-200 hotter, what's adding curved wall.

L-69-2 (NE-2-2)



S+t F-3

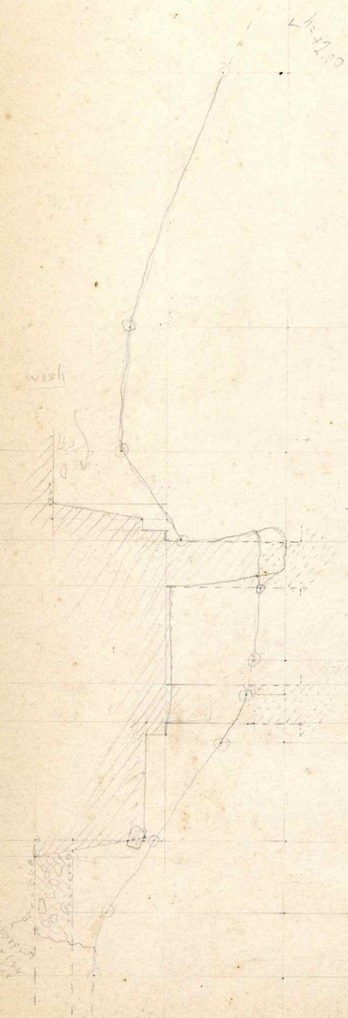




Sht. F-3
Piedras Negras
1934.

Right angles assumed

Revised slightly on
Tracing Paper,
Feb 27, 1942.
LS Sh.
Added 2 doorways.
Narrow plinth on sides
Widened side erosion
of Sottish Platform.



Check:
- hdg 2nd floor (from platforms)
- width of rear blankets
- height of rear of blankets
- length of visible rear wall
- Probably rear corners
- Length by facade
- Ditto h in line of rear facade
- How much may be cause of [illegible]
- min dimen. 100?
- check thickness of [illegible]
- hdg of corners

Checked

Str F-3

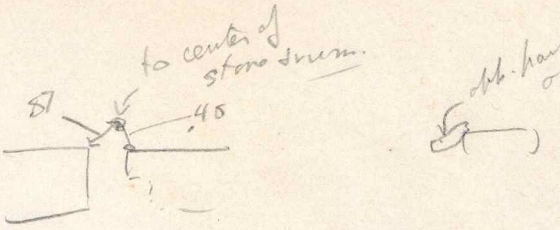
work sheet

Operation

NE-2

Str. F-3
1934

Str. 1 of the standing room wall. N. section.
Center section.
Room width = ~~1.58 to 9. (called 1.60)~~ 1.65
Front wall thickness = .64 (" " .65)



2 animal bones (undental - C.I.P. complimentary - with antelope and - .02 a .03 above level of bottom of str.

Immediately under 2 or 3 small fire stones, 3 long bone fragments (diagonal) under in fill (.15 ±) fragments of rib, probably human - 2 or 3 other sherds.

Others voted = wall rotten (pond)

1.60 | 65.000 | 40.6 = 41%
640 | 1
1000
960

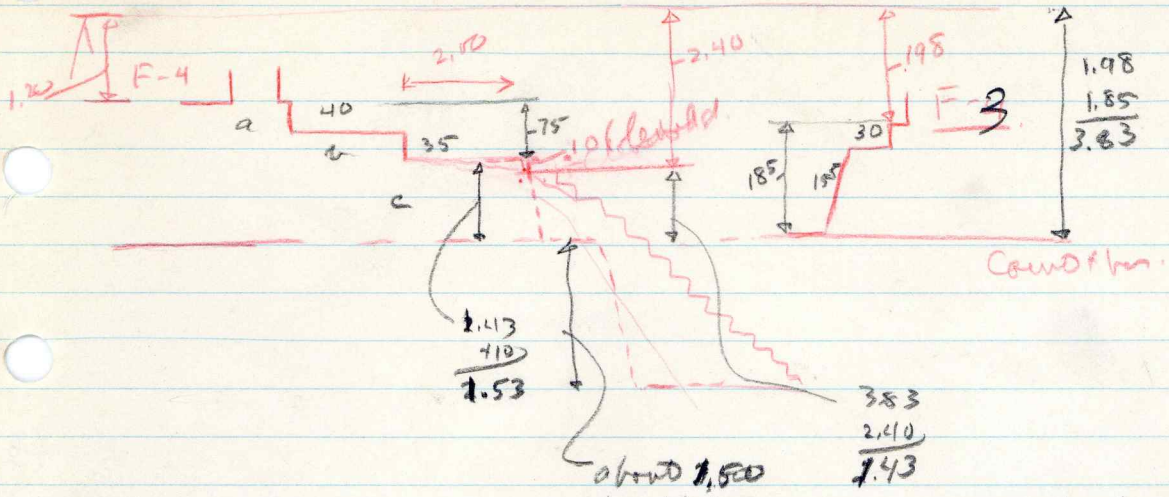
1.65 | .650 (40%
650

.65
1.65
.75
3.05 = total fire width.

Feb 1942

F-4

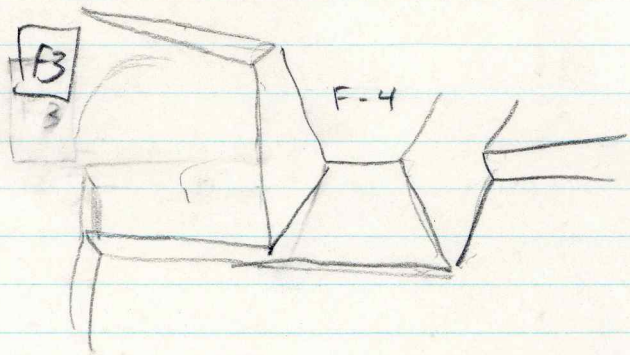
Substruction Reconstruct.



by photo: Could seem to extend level for this: There is shoot

There is not question but that c existed: there no evidence if it goes with building or is another level of the Court.

Pass underneath.



Wall height for est. — taken to = near room of J-11. (2.60)

Photos — "Photo 1" — 34-19

2 — 34-23

Feb 1942

F-4 Average Dimension Tables

Platform Units.

	Heights	Lengths	Depths	Slopes		Stages	
						Elvs.	Depths
D	1.50*						
C	1.50*						
B	.85*	9.70*	3.95	V	C	3.00*	2.00*
					B	3.45	1.00

Building Unit (A)

Section Table			Elevation Table			
A	B	A'	Lgth.	Depth	Piers	Doors
.60	2.55	.60	9.50	3.75	1.30	1.35

Masonry Notes

Fills Not seen.

Outer walls In very bad condition. At door jambs large well squared tabular blocks showing bonding. Three of these at right door measured (in cms) 38x26x21, 47x23x17 and 55x20x14. The long dimensions alternated in the face of the wall, jamb, wall-face. Height are given last. In the opposite jamb two comparable blocks measured 38x20x25 and 33x22x13.

The drawing of Fig. 1 is of the first jamb, to scale from a rough sketch. The inside corner between stones 1 and 3 was formed of several small stones and mortar. No data on chinking.

Partitions/ Walls Photograph (Plate /) shows tabular stone with high proportions of short thick blocks and much chinking; irregular blocks and chinks prominent.

Concrete No notes made. Floor undoubtedly concrete.

Plaster Floors covered with white finishing plaster turning up to walls; no gray or yellow mortar noted below this and undoubtedly absent, unless on earlier floors.

Ob

Feb 1942
YS

F-4 Objects Table

Position	Sherds	Stucco	Miscleaneous
1. On or in debris on Unit C, center.	NE-3-1*	NE-3-2#	NE-3-1 (Stalactite)
2. On or in debris on Unit B, i.e. Bldg. floor, Central R'm.	NE-3-5*	NE-3-6	
3. Same, right end Room.	NE-3-3*	NE-3-4	NE-3-3 (2 stalactites)
4. Position unknown. (includes above and excavations outside right end and rear center).	NE-3-8*	NE-3-9	NE-3-7 (Frag. Mano stone?) NE-3-8 (Pumice Polisher)

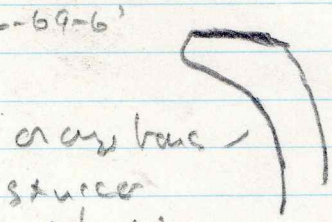
* Some sherds with remains of stucco adhering.
\# Some with visible sherd inclusions
Note. Pumice stone worn flat on one side; this and stalactites and mano fragment covered with lime dust - all probably from stucco or masonry hearting, as, probably, were most or all sherds.

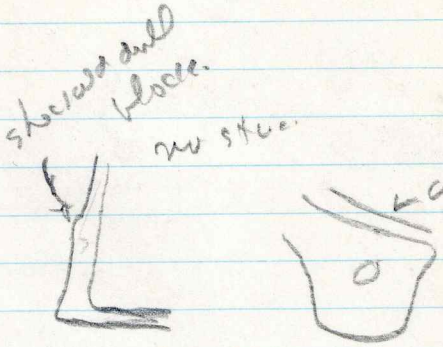
LSD. - 1942

NE-3-1

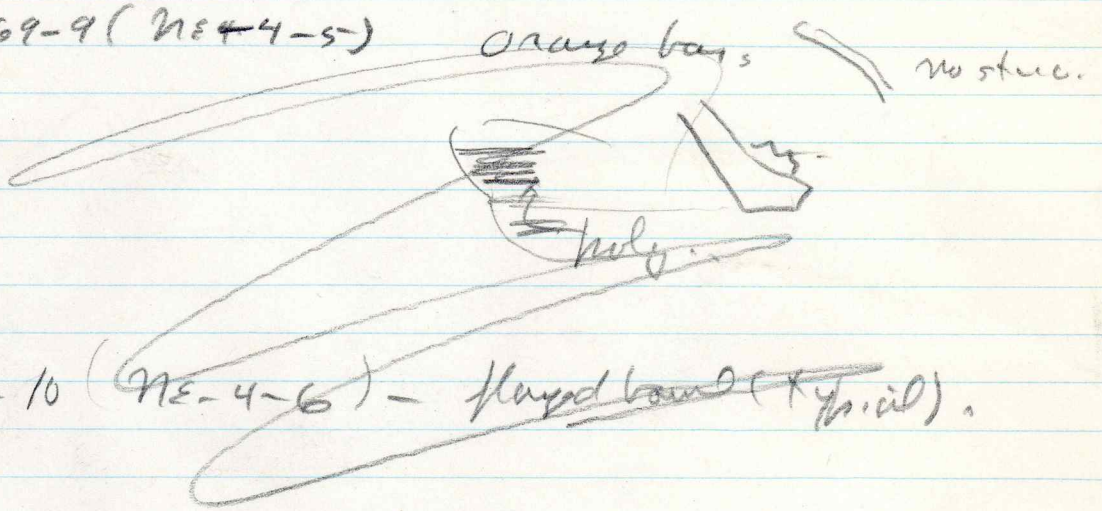
Typical design of bearing wall

NE-3-8 (L-69-6)



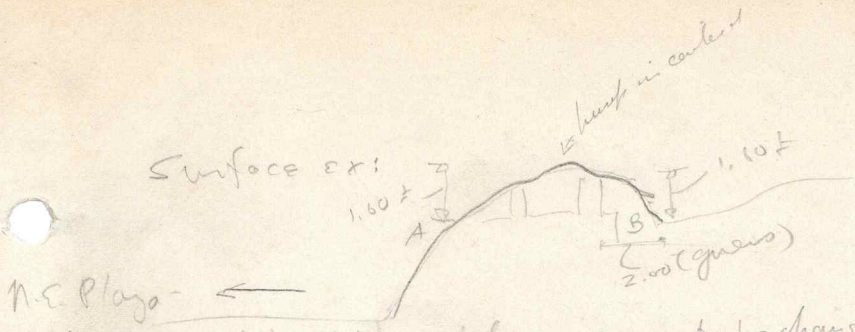


L-69-9 (NE-4-5)



-10 (NE-4-6) - ~~flayed board (typical)~~.

Str. (Str. of standing wall Str.) Str. F-4 1934



without thoroughly - seems to be change of angle at A.
B no value for debris depth as probably washed from behind to this height -
End cannot determine without indication of platform level to lower than A - B.
Therefore -
Uncertain indication of debris depth of 1.60 - plinth = 1.30 ± night.
Several large slabs - thick rather reasonably thin, visible on surface - both top + side. Wall stones predominate near B level, one B slab in two.
Vault certainly possible - and highly probable
Because of slabs
" " possible route on same little count.
Large thick worked stone looks like corner stone - therefore probably a door on which seems to be near side (B).

Wrong.

Mud notes after excavation.

Piece of burned wattle clay found beyond plinth B near - possibly (+ probably) from below pavement level, which could be clearly distinguished without larger excavations. Does not show surface.

discarded

F-4

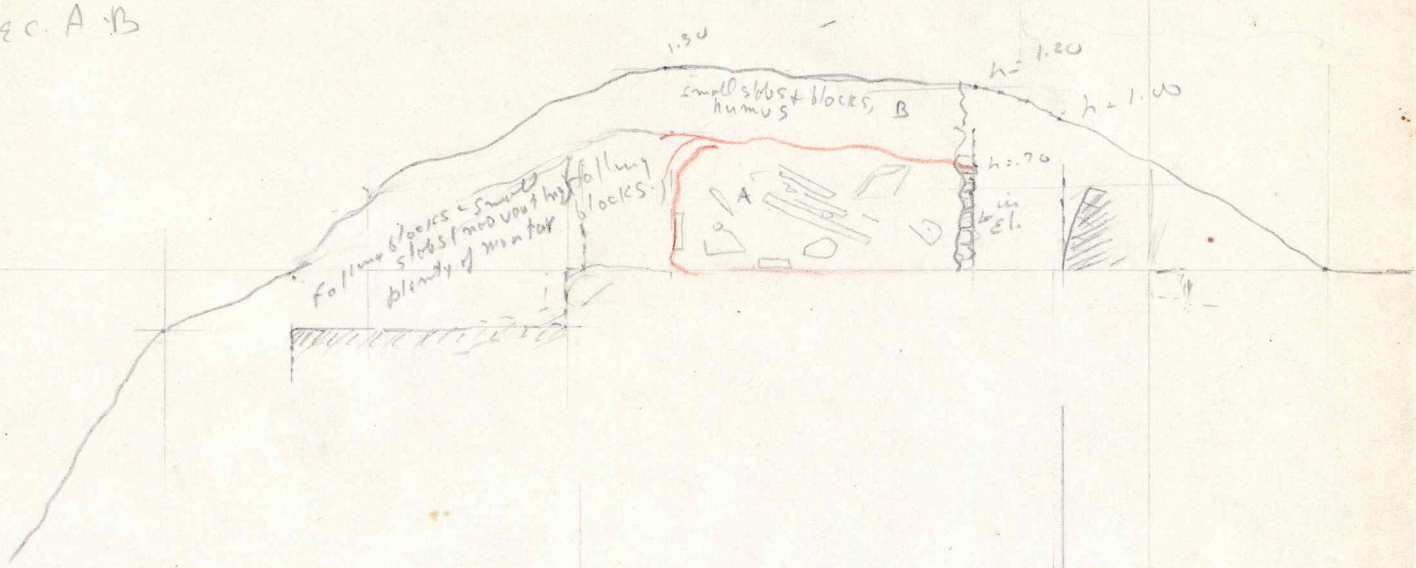
F4

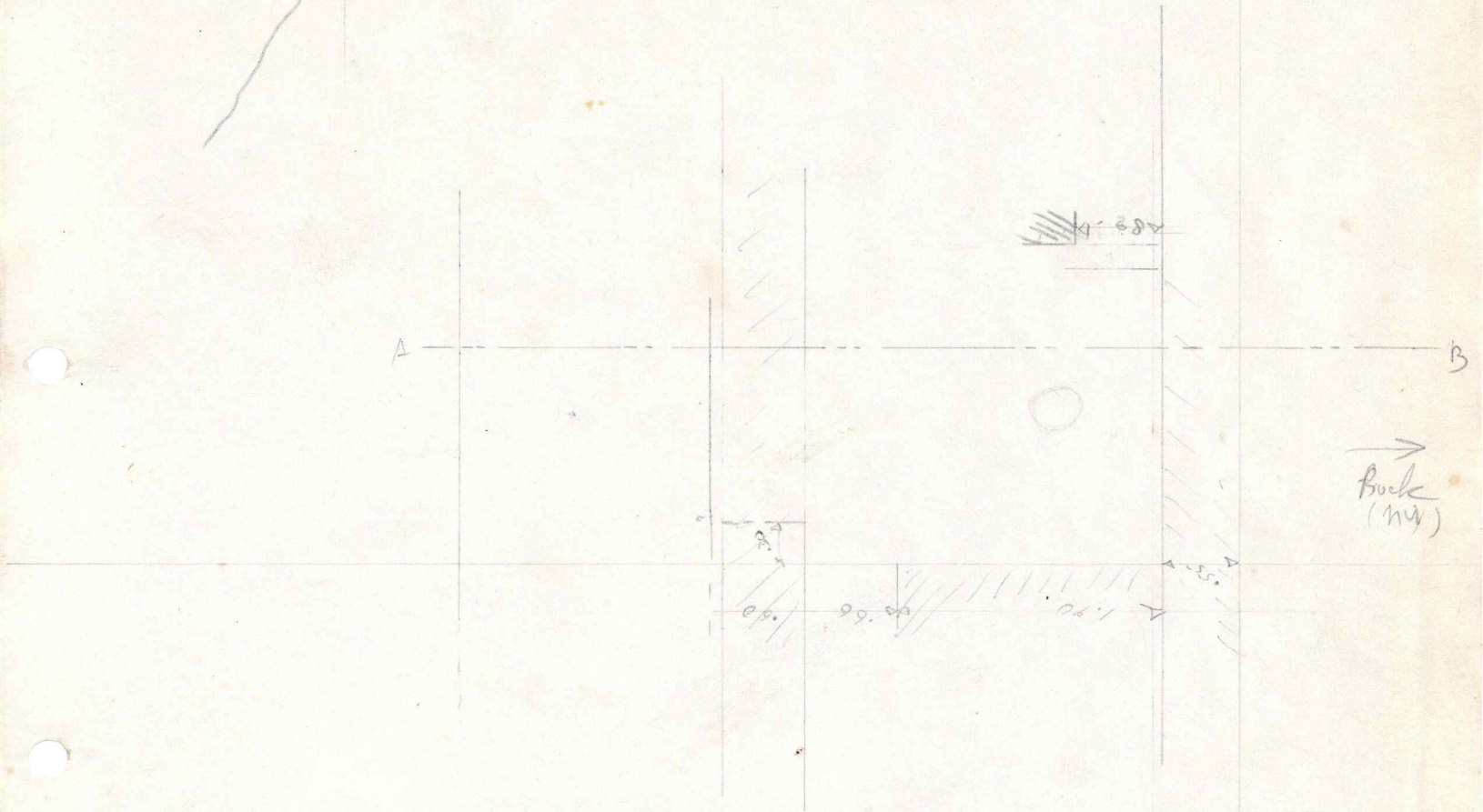
Operation NE-3

Quick sketch
- reasonably accurate only

A. principally slabs, small + large, in grayish mortar, getting lighter (more yellow) toward bottom - large pockets of thin slabs in semi-position

Sec. A-B





R. width 1.90 + .66 = 2.56 | 60.0 | 23.4% = 23.

512
880
768
1120
10

wall thick 55 to 60

24

2.50 | 600 500 1000 1000

156 | 24

99

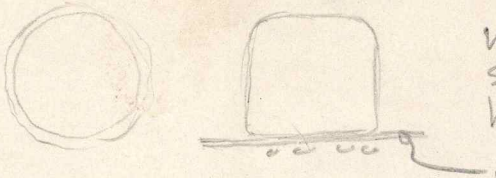
09

05 c

55

F-4.

Small "altar":



no signs of color.
Sits on unbroken white plaster floor – not a fixture.
white surface plaster runs all the way under

Plan top .22 to .23
Bot about .27

Height .17.
Bottom flat, rough worked
Sides & top smoothed nicely.

Top a little weathered, but no signs of use.

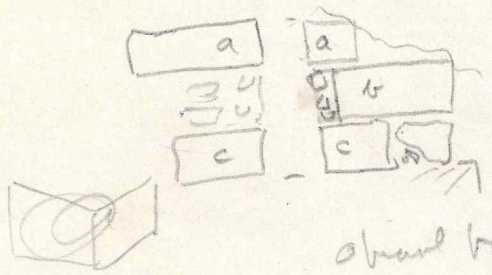
Walls:

much greater variation of small slabs.

Partition – small slabs, blocks; irregular lay stones. – chunking..

Outer – all 11 flat surface can match insides.
slab blocks; small slabs.; very large arbitrary blocks.
a shoddy lay blocks at corners.

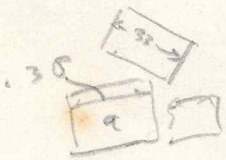
Course of Bt. .16



a – .55 x .20 x .14 high.
b .47 x 23 x .17 "
c .38 x .26 x .21 "

Irregular blocks turned up of small slabs.

Block in other part:
outer



a .38 x 20 x .25 high
33 x 26 x .18 high

Not big blocks (among wall of corner) at center part.

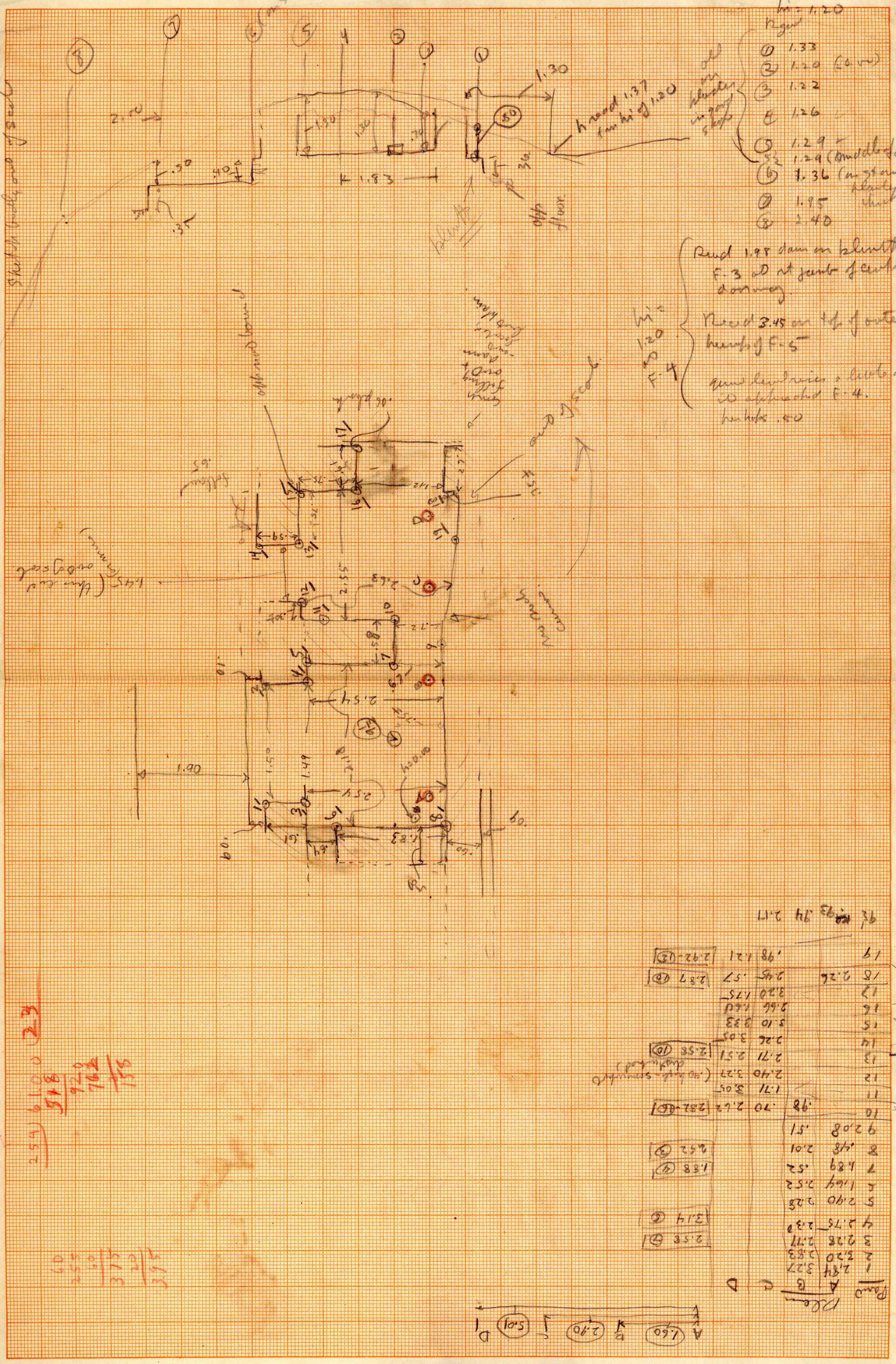
They are rough hewn

Block at base of new wall
.24 x .30 x .25 high, lengthwise into wall

.30

Plaster floor is white, turns up at walls.

SIR F-4


Shed Over Hydrants
Shed Over Hydrants
Shed Over Hydrants

F-4

Str. I-1.

Loose Drawings – filed under "Misc", – Palo Co. Misc. album.

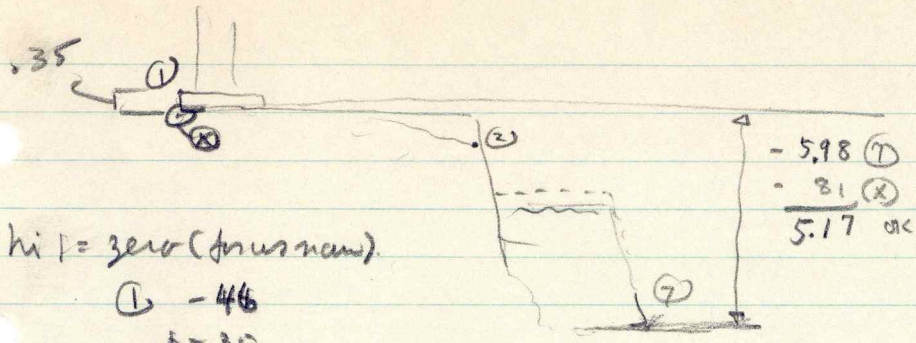
- Weyer's plan – stela location
- Worthington's ditto (he was a draftsman – worked this up in 1931 or 1932 (?) from combined data of Weyer, L.S., J.A.M.
  - should be corrected to conform to L.S. section.

- L.S. Sheet, 1949 (Plan of stelae cists; sections from 1939 work.

J-1.

Reconst. F. gen.

Ls 1940 mtns.



- 5.98 (7)
- 81 (X)
5.17 arc. scales with roughly scaled orig. drawing.

hi I = zero (ground now).

(1) - 46

+ - 35

(X) = - 81

Add hi round 3.84 m (9)

Re hi " .5

- 3.79

(9) round 2.19

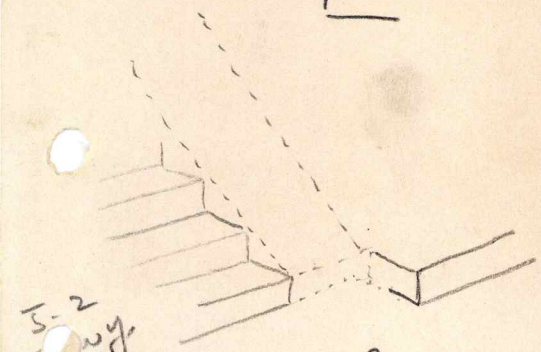
- 5.98

Length of J-1 fence — 5.00 ± (5.17 trace of strike).

Please return eventually.

Memo re Str. J-1.

A.

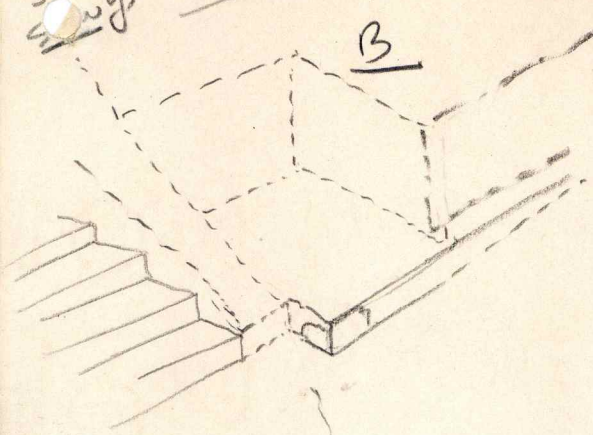


In 1939 the NE corners of J-1 terracing were found to be rectangular.

I did some digging at the junction with J-2 stairway, plaza level: there is no note and no photo of this digging; I think I now remember that I intended to go back to it, did not understand what the boy had found, and never got it down. From memory I believe what I saw was as in the sketch: A. a low broad step where the wall should have been; and everything balled up by a tree.

J-2 stairway.

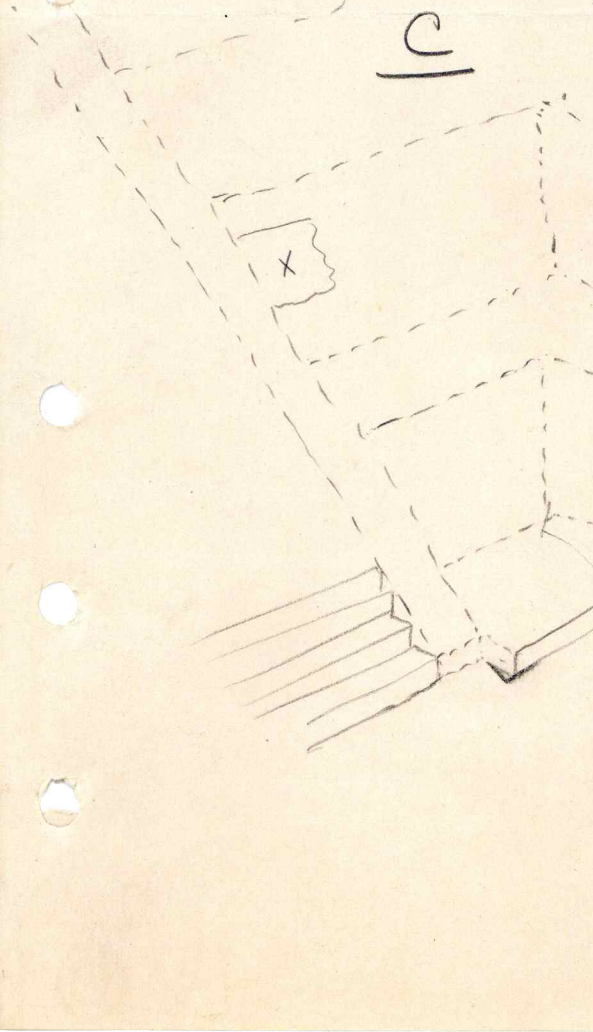
B



This step did not show up on the other side of the megalithic stairway. Could it have been a special adapation to this junction? (B).

Check-up of 1933 work shows old wall and floor level seen at just about correct position for use in the reconstruction of C, if it was raised 50 cms. Fill behind its top was in place showing the raising of the general level extended nearly out this far, but not quite: and it was not found beyond it. Top of this old wall, probably same, or same system as that below stela cists, is indicated by x in Fig. C. It does not proof this reconstruction: But the wall was there, avaialable for use. Since one hardly knows what to do with the "step" in A, I suggest we merely make the angles right angles in the drawing, and let it go at that. However, my memorary of that step i.e. of a horizontal surface here, is perpectly vivid: it was because I could hope to understand it without considerable digging that I put it off.

C



I must admit that there was plenty of debris present for bringing the lower J-1 terrace up to the J-2 steps, as in D. That is OK with me also, and certainly was possible.

(D)

TAP, 1944 changed the original work drawing.

With Plan (1931) and traces of 1939 Cut, to Ranch

Plaza Trench: Memo. Nov 1960

Numbered "levels", LS Notes p. 4L

Mar.11 6L		Level	Thickness (end, Sq. 11)	
1	.06	1	.05	pure hunus, 5 to 10 cm
2	.34 / .40	2	.15 / .20	irregular "surface" of small stone
3	.16 / .56	3	.25 / .45	Large lime stones, irregular, not laid; humus and small stone penetrating them.
		3	.21 / .66	Dark brown clay mized with small and medium-sized stone - a stiff mass - not much stone,
4	.06 / .62	4	.04 / .70	Light yellow clayey sand, with specks onlyof lime
5	.12 / .74	5	.06 / .76	Dark Clay, stiff, with small lime stone; similar to 3, not much stone
6	.15 / .89	6		Light brown clay - softer - stome stone, small, incidental so far (Mar 11).
7	.18 / 1.07	7	1.40 ?	Light purple clay. thiuk with small lime-stone, mor and bigger at bottom (.10 dia plus- minus)
8		8		Dark purplse clay, thick with small limestone, sherds, bone
9		9		Lehs of pure soft lime
10		10	1.80	same as 8 - interruped by the lens

8L: "Great many sherds in Level 10 - i.e. whole deposit is fill (Square 11)

Square 16 - Level 4 peters out, replaced by "red" layer , east side of tremch only, may run under the terrace (of Str. 1). Lies on Level 7 at this this paint (Note that 5 and 6 are 1 bes in 7 at Square 11, where they got numbers). Red color due to burned clay.

14 Level 7 from here on has peculiar small blue stone near top. In Sqyares 16-18 underlies the "red" which underlies 1,2,3 of the later March 11 numeration (at left in the comparative tabulation. Here Level 7 is on rising bedrock. This checks with 1939 section.

See Tracing for Debt Rank, 1960

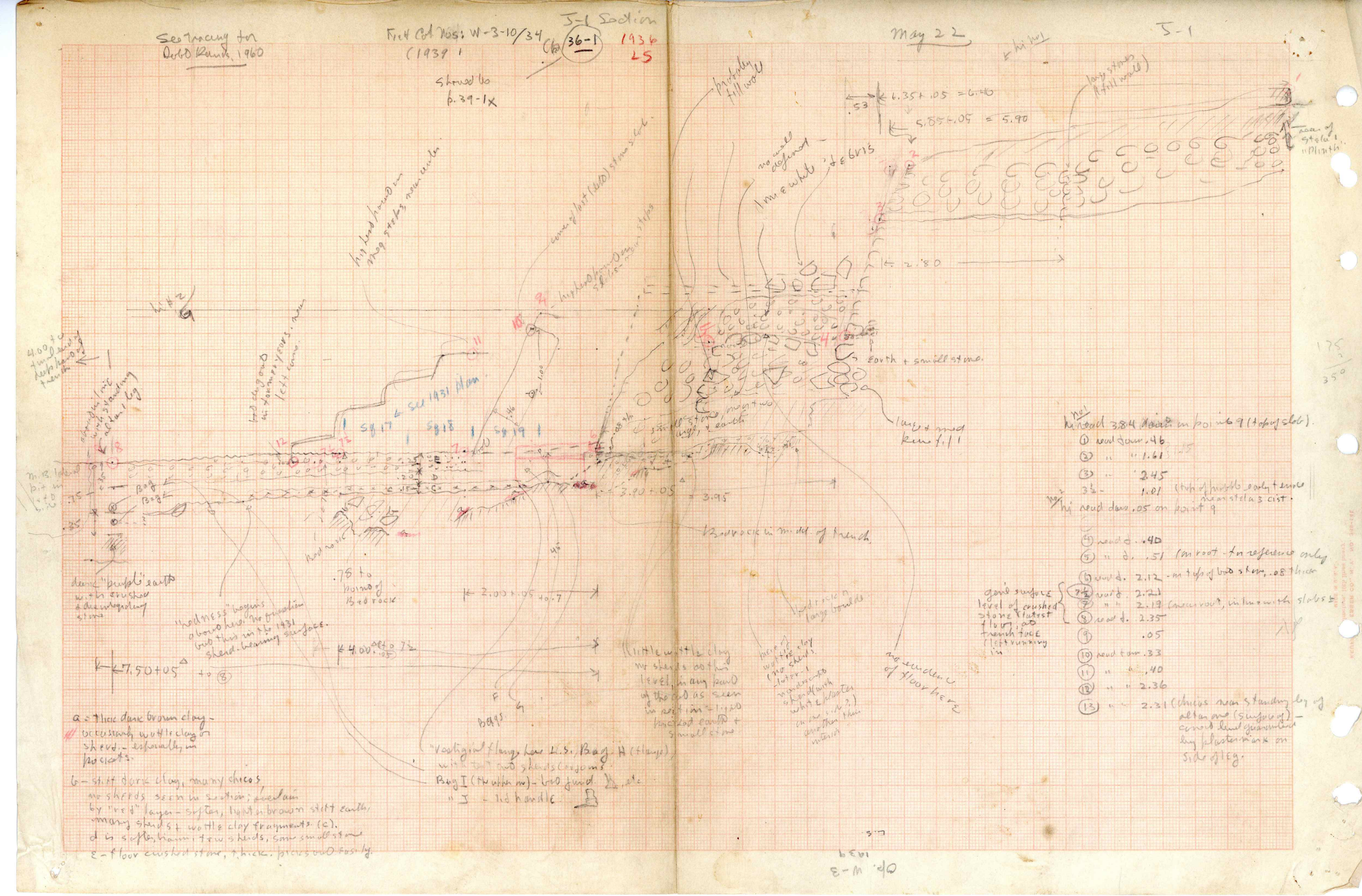
Field Col Nos: W-3-10/34 (1939)

J-1 Section 36-1 1936 25

Shown to p. 39-1X

May 22

J-1



a = Thick dark brown clay - occasionally wattle clay or sherd - especially in pockets.

b - stiff dark clay, many sherds
no sherds seen in section; overlain by "red" layer - softer, lighter brown stiff earth, many stands of wattle clay fragments (c).
d is softer, humic, few sherds, some small stone
e - floor crushed stone, 1 thick. pebbles and fossils.

Mud
Hi hwl
Read down 3.84 Hours in point 9 (top of slab).
① read down .46
② " " 1.61
③ " .245
3½ - 1.01 (Tip of mottle early trench) near stela 3 cist.
Hi read down .05 on point 9
④ read d. .40
⑤ " d. .51 (in root - for reference only)
⑥ read d. 2.12 - on top of bed stone, .05 thick
7½ read d. 2.21
⑦ " " 2.19 (Concentrate, in line with slabs)
⑧ read d. 2.35
⑨ .05
⑩ read down .33
⑪ " " .40
⑫ " " 2.36
⑬ " " 2.31 (Thicker near standing leg of altar and (surface of) - covered limit guaranteed by plaster mark on side of leg.

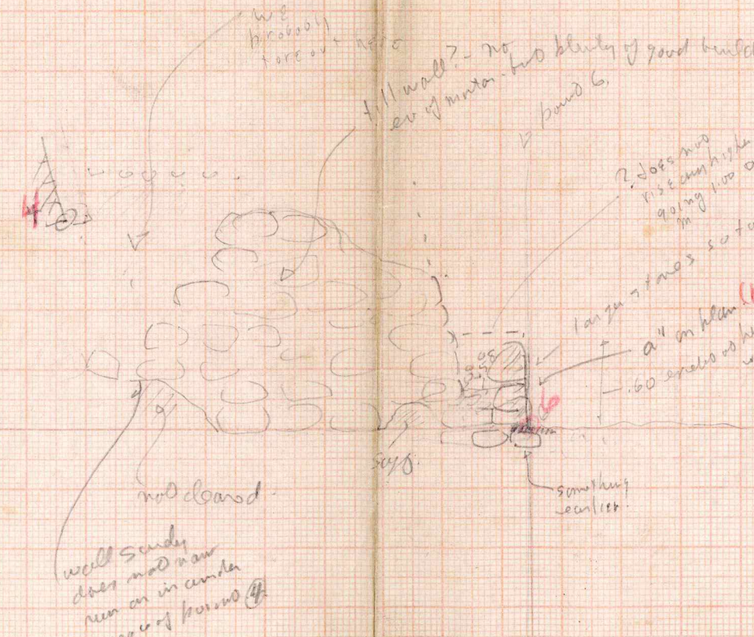
general surface level of crushed stone floor, and trench face left running in

175 / 350

I-1 1939

I-1 R

S-1



Section N & S thru Pits 4 & I-1 trench.
Mch 24, 1939.
1" = 1'-0"

JI: 39-1

KEUFFEL & ESSER CO., N. Y. NO. 359-14L
Millimeters, 10th lines heavy.
MADE IN U. S. A.

Bag W-3-A:
1x Censer sherds
2x Flint fragment
3x Mano fragment
4x - Portable altar

Bag D

upper end

Stela 1

firmly fixed in floor level ram

A

not very certain

Stela 3 face down

Stela 3 top. glued

hori[illegible] stone missing (1.0 x 1.20)

2 stones + chink high (scroll Photo

1.65
2.65
1.40
.50
1.45
.60
4x
1.45
.50
possible
St 3
3x
2x
1.45
.50
.75
St 3
B
Stela 1 cist
St 2
butt end
Stela 1 head face up. butt forear
Stela 2 head face down

○ Stela has incised horn
Wayne Worthington drawing

Cross Section A:

.15
.35
ground level forear
1.20
1.00
this fill

Section B

corner of Stela 1 cist
ground outside floor level
Stela 2

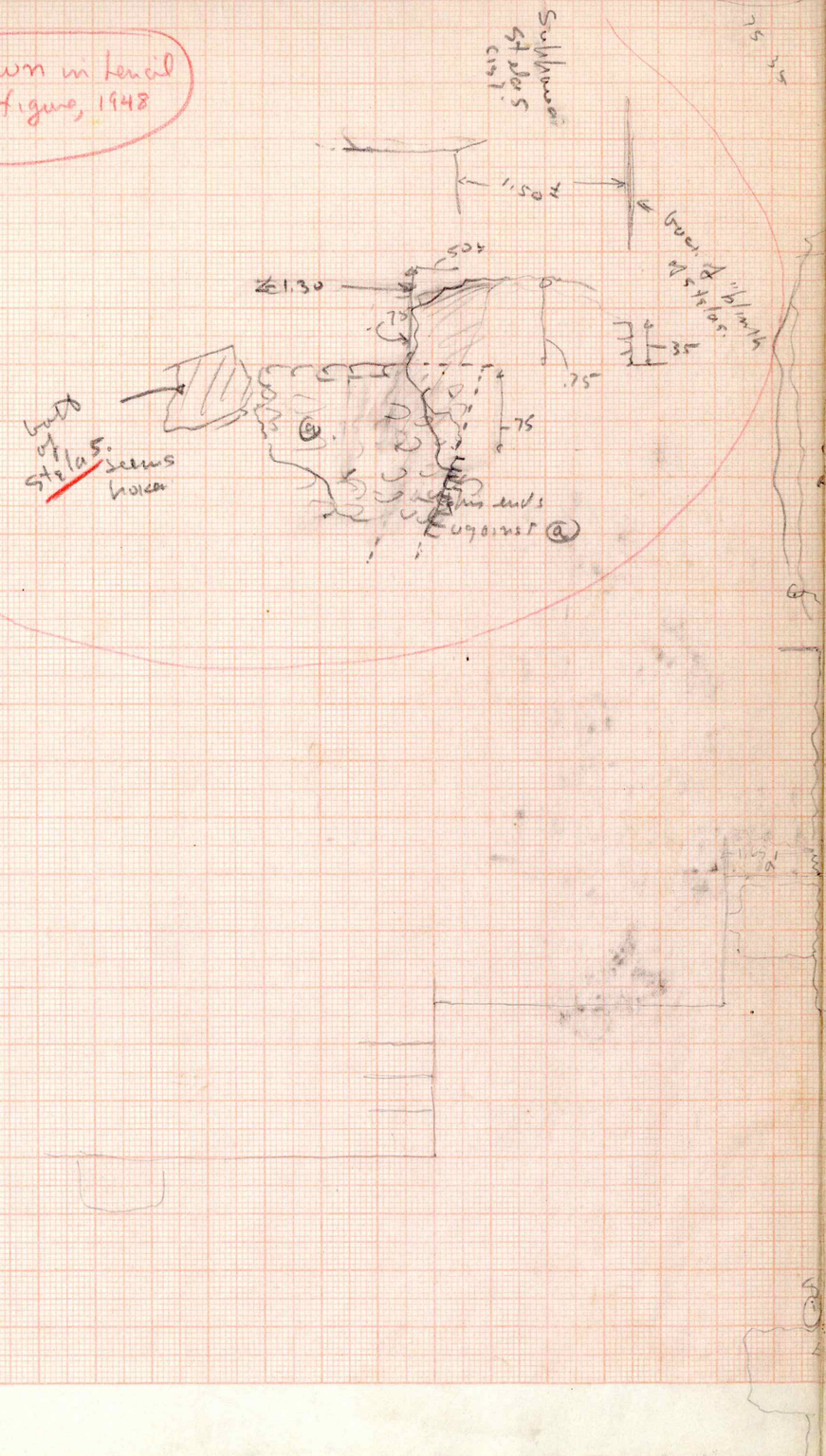
Stela Casts
Bench Plan

S-1 : 39-25

J-1 Plan

31: 39-3

Drawn in pencil for figure, 1948

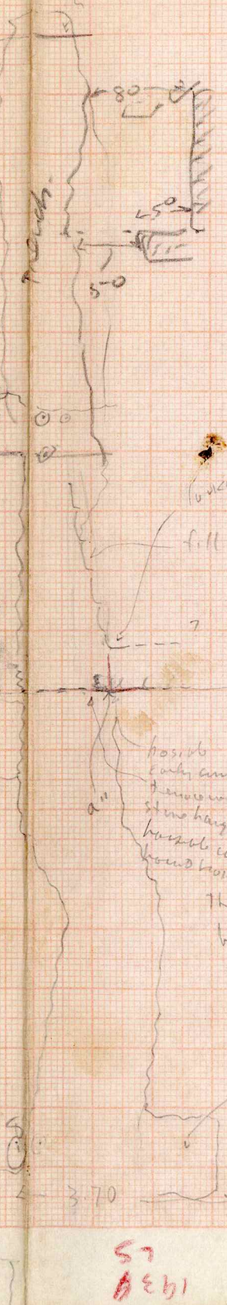


J-1 Plan

31: 39-3

.01 = 1.00'

(Should we thaw Stela East for this plan?
Probably not; but can't we Stela 5 and Mon. Block Stela 2 and? ≤1948



Oversized item not scanned

+.05

	1	2	3
②	6.75	6.11	
⑤	5.23	5.47	
⑥	8.25	4.00	
⑦			
⑧	11.57	2.65	4.65
⑨	13.65 (from head of Jamb Lintel of Stela 5 ctd)		

2.70 ~~3.00~~. (1.50 from end of the angle of bottom) from JB.3.

4.57 from JB2.

Stela 1

1.69

.35

6.11+5

Stela 4 1.60

Stela 5 cist – see Section on p 39-3

1.65

2.10

.80

Double face moulded St. 4 cist.

JB1

JB2

JB3

← 9.19

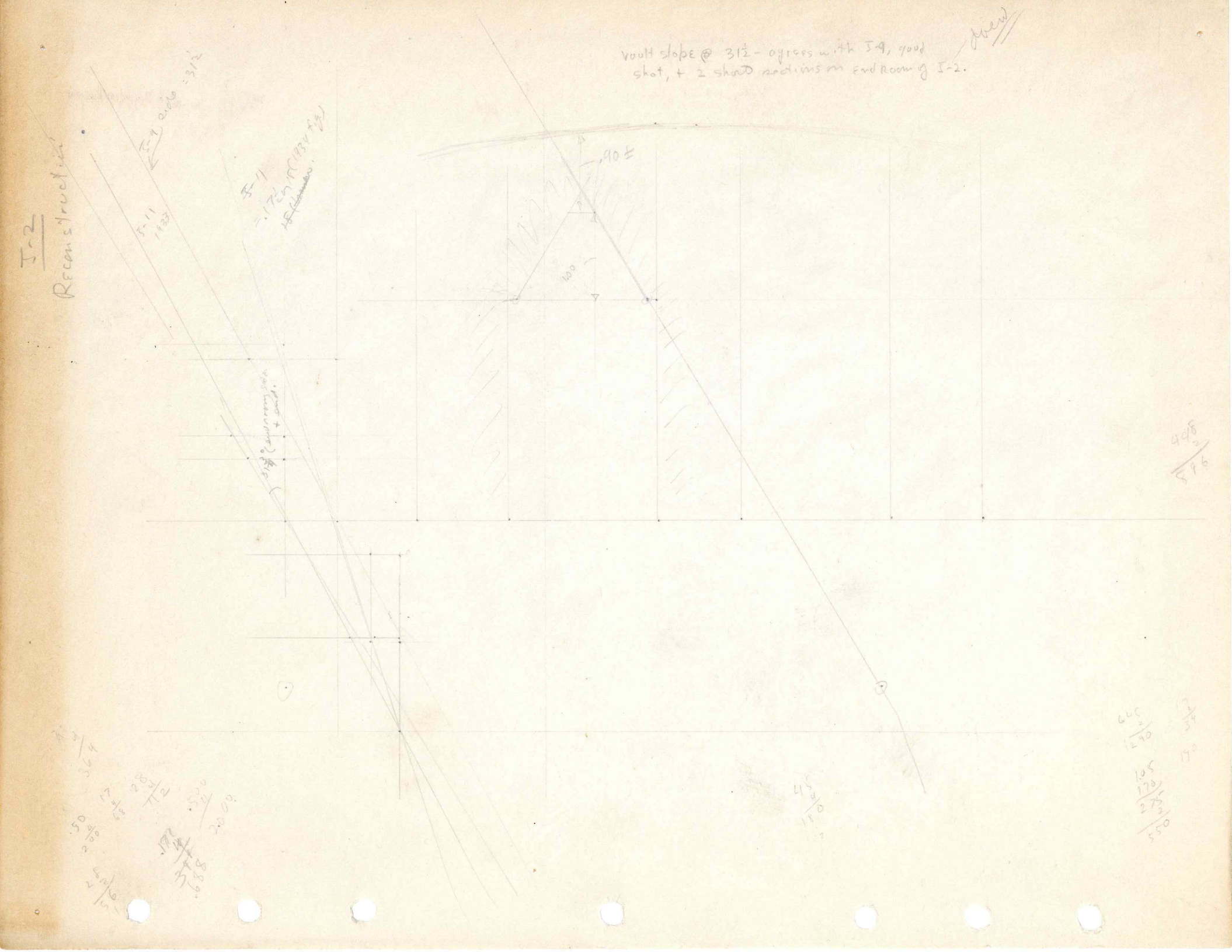
S-1 Plan for burials

Worked out for to scale, 1949

add .05

Photo	JB1	JB2	JB3
1	4.78=4.83	8.63=8.68	
2	6.72=6.77	7.34 7.39	
3	4.61=4.66		
4	5.98=6.04	5.95 6.00	
5			
6			

S-1 Plan – dot points


I-2
Reconstruction
vault slope @ 31½ - agrees with I-9, good shot, + 2 shots readings on end Room of I-2.
I-9 side = 31½
I-11 1937
I-11 = 17½ in 1934 (fig)
90±
100

1:100

1931 offices levels with handrail rest. steps lines.

9.14 1931 (hand) rail
.50
8.64

4.02 (1933)
-50
3.52

9.14
-50
8.64
-30
8.34

32½°

f.11

1/500 1/1000

Further N.E.

Proj. of 1933. Partly the former wall & steps seen in shade & cuts.

Comer about 5.00. about 4.50 1939 CD centered Pol. with 50± to 90 to face of stela plinth.

1:72

9.65

1943
analysis
of Jamestown unit
2-1

See Memo
to TAP

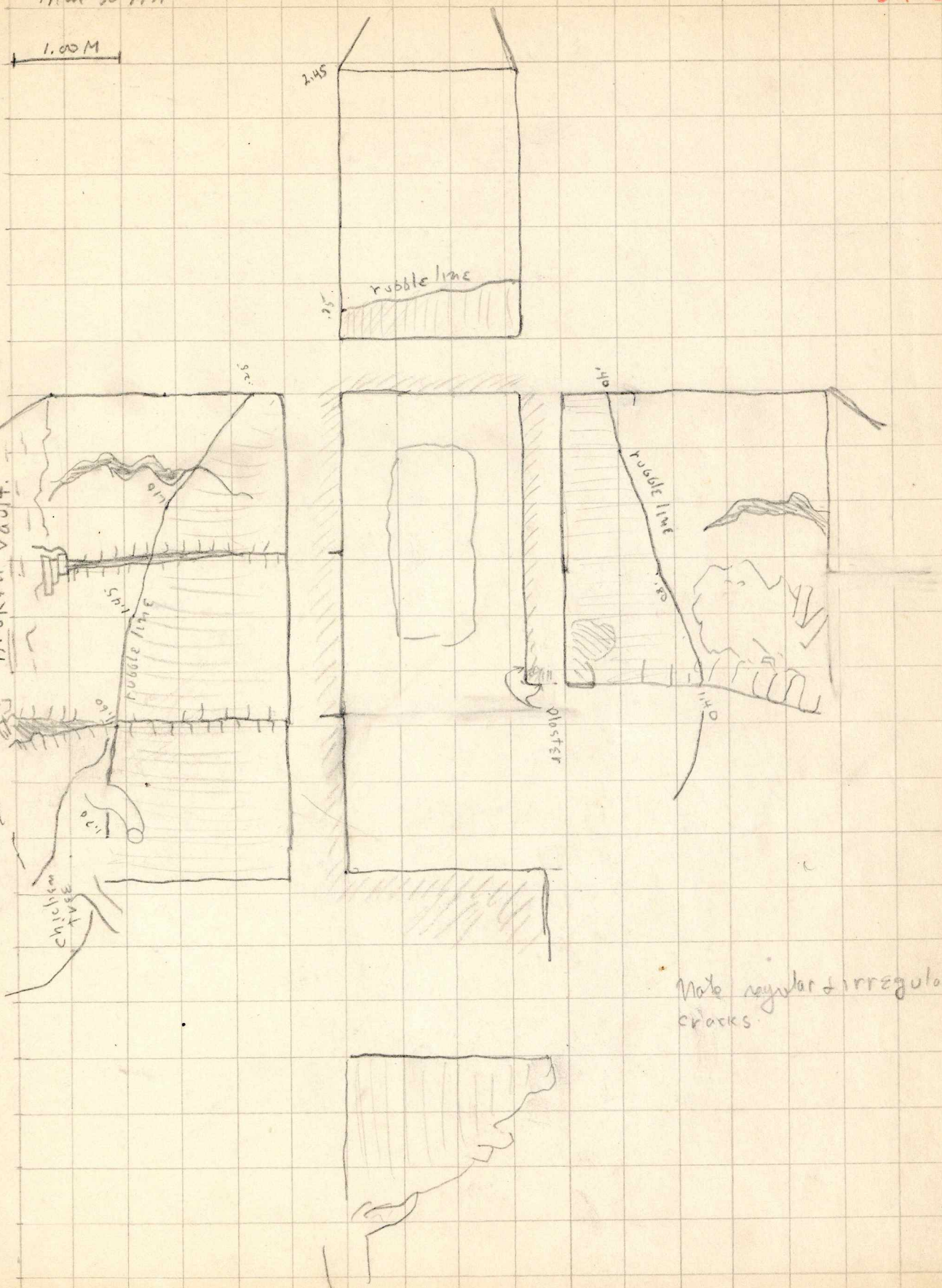
Oversized item not scanned

Room C – W Group – Structure 1.

31-2 #6 p36 42

Str J-2

Mar 30 1931



31-3 XLV

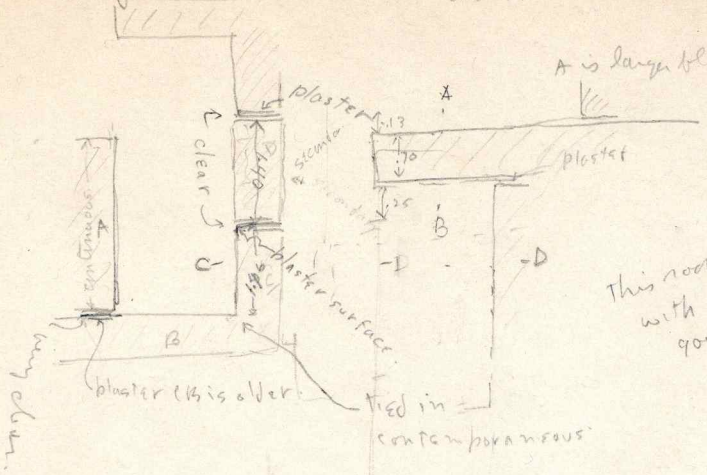
S+V J-2

additional notes on XLV - 1932.

sky end room:

walls are

A is larger blocks than B, C, D which are more tabular.



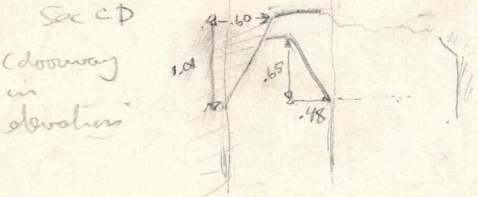
This room vaults 3 sides, with large inner vaulted doorway going through, NE to W

1.40
1.06
2.46

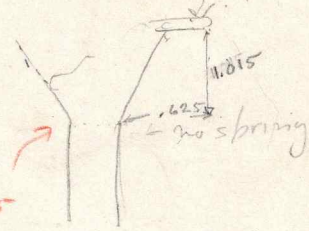
.70
.13
.25
1.48
2.56

1.40
.25
.70
2.41

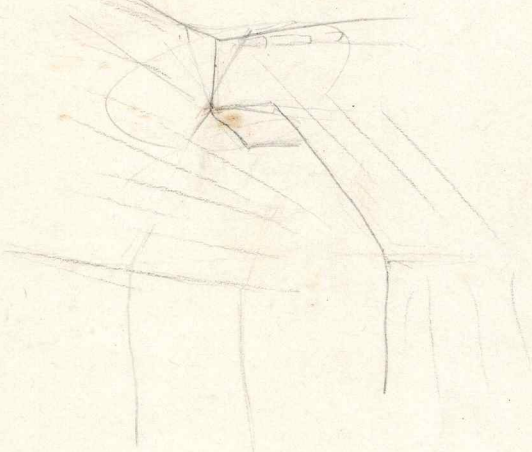
2.56
2.41
.14



Sec A-B → W



2.45 by process of reasoning - elevation not measured. (doorway)



4/14/32.

Str. XLV. (I-D²)

Scale .02 = 1.00

N.

B

XLV

Sallows through?

inter-lock

.02

.92

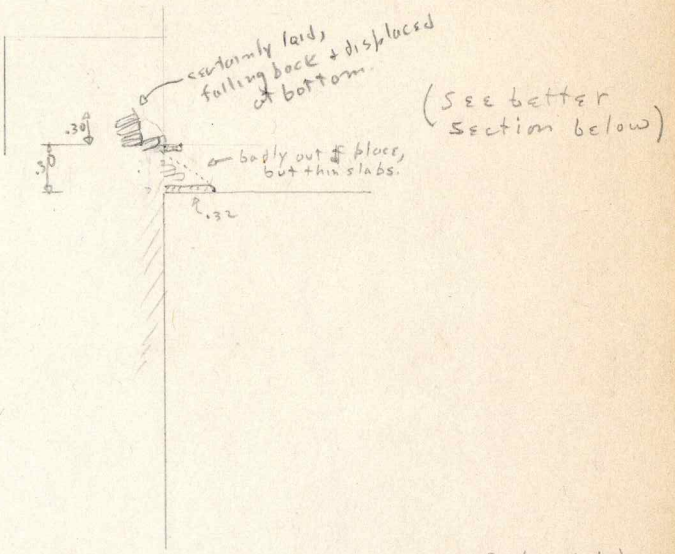
1.20

2.23

COURT #2.

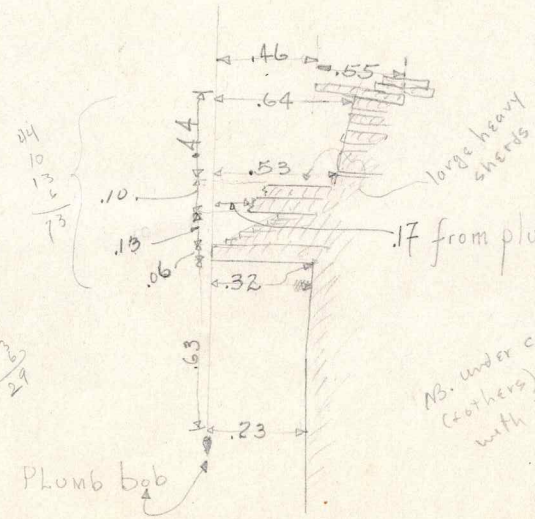
stairway side-wall

Cornice: XLV.



(See better section below)

Section of upper zone near SW corner. (Section A-B).



.17 from plumb bob Line

NB. under cornice slab (others) tilt up, conforming with bulge in wall.

Angle of slope upper zone = 11½° (See ~~str~~ slope under I-6.

Str. XLV

I-12

Stairway below St. 1, Acropolis (Str XLV
- alone, with hand level, rule, tape + pins, plumb-bob
lined up with the compass - fairly accurate.

6.05 = Plaza level

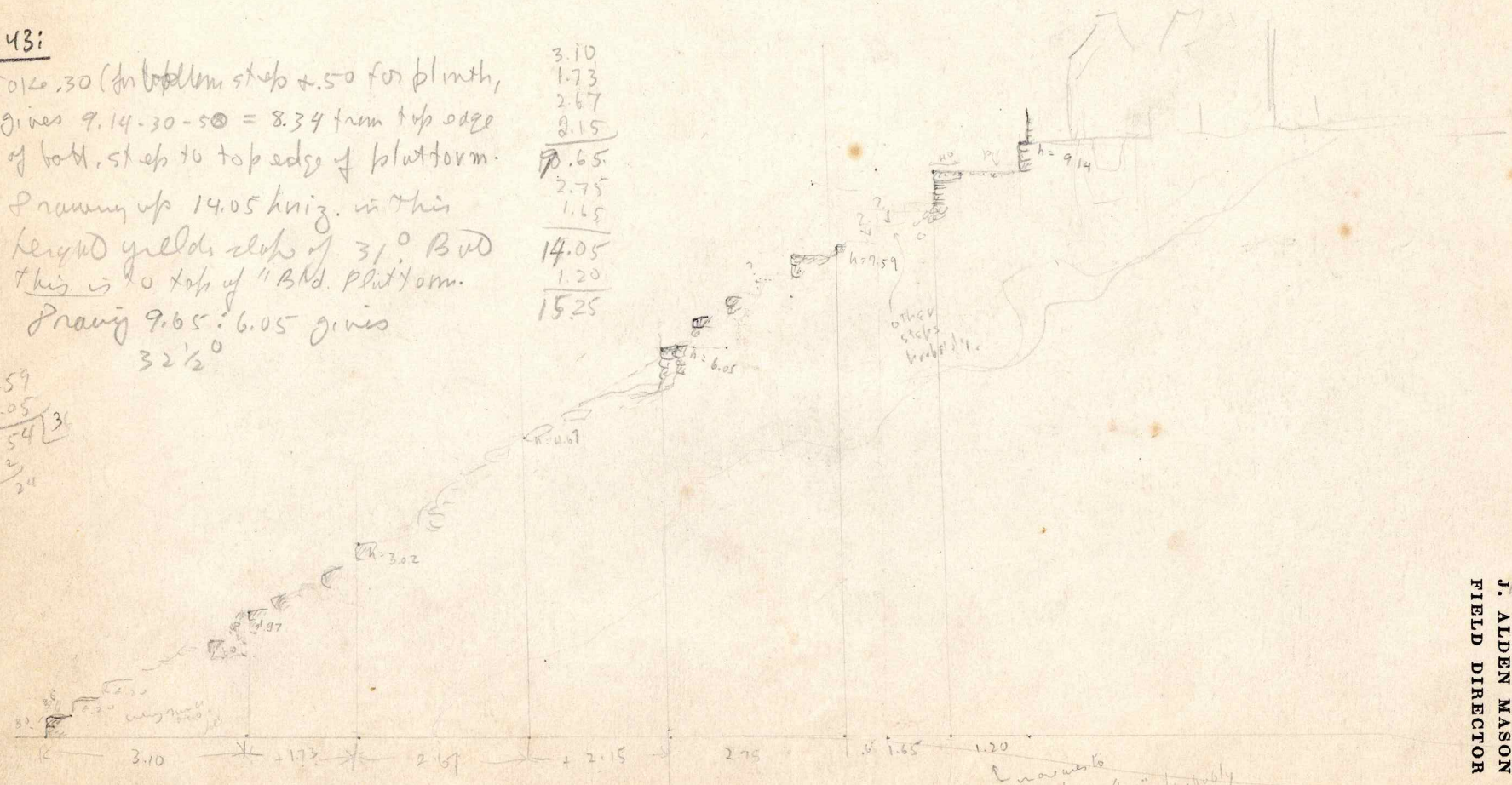
7.59
6.05
4 | 1.54 | 38
12
34

Hor. 3.10
1.73
2.67
2.15
2.75
1.65
14.05

1943:
To 2.30 (for bottom step + .50 for plinth,
gives 9.14 - 30 - 50 = 8.34 from top edge
of bott. step to top edge of platform.
Drawing up 14.05 horiz. in this
height yields slope of 31° B'd
This is to top of "Bld. Platform.
Drawing 9.65 : 6.05 gives
32½°

3.10
1.73
2.67
2.15
9.65
2.75
1.65
14.05
1.20
15.25

7.59
6.05
4 | 1.54 | 38
12
34



1.97
.105
3.02
1.65
4.67
1.38
6.05
1.54
7.59
1.15
8.74
.40
9.14

3.10
1.73
2.67
2.15
2.75
1.65
1.20
14.05
15.25

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J. ALDEN MASON
FIELD DIRECTOR

31-5

37.

St 1-2
1931

Sketch Map #4

1 C. W. Group, Structure #1

(See S. Map #)

#4

p 34 40

SH I-2

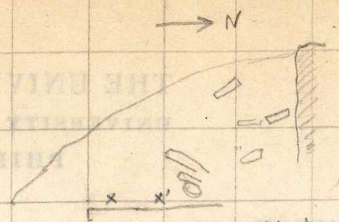
1931

31-6

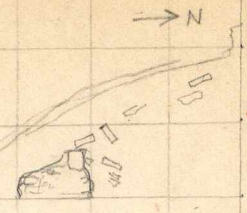
Mar. 20 - Section b'-b"

X - removed before drawn - probably a pillar further destroyed by workmen.

Mar 21 - Sec. c'-c"

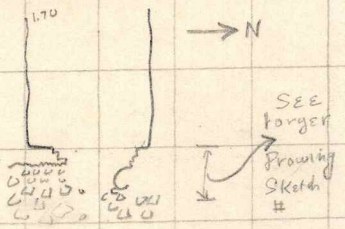


Mar 21 - Sec e'-e"

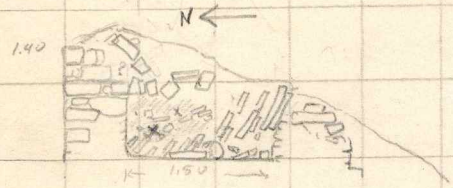


x-x' plain floor of plaster c/p with Sec. d-d"

Mar 20 - Section a'-a" see. Plan March 19 (Room A)



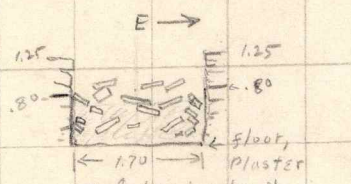
Mar. 21 Sec. d'-d"



X = soil, broken stone, a little plaster + some river pebbles

at bottom, only light colored soil around more closely packed slabs

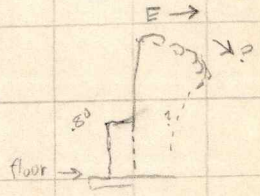
Mar 23 - Sec. f'-f"



- light colored soil, soft (plaster mixed?)

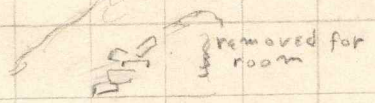
NB. - Above, so dark soil less of it.

Mar 23. Sec g'-g"



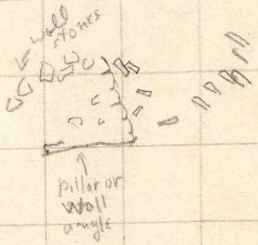
Mar 25 - Sec h'-h" - rough.

Mar 26. (Etc) Sec i'-i" rough



removed for room

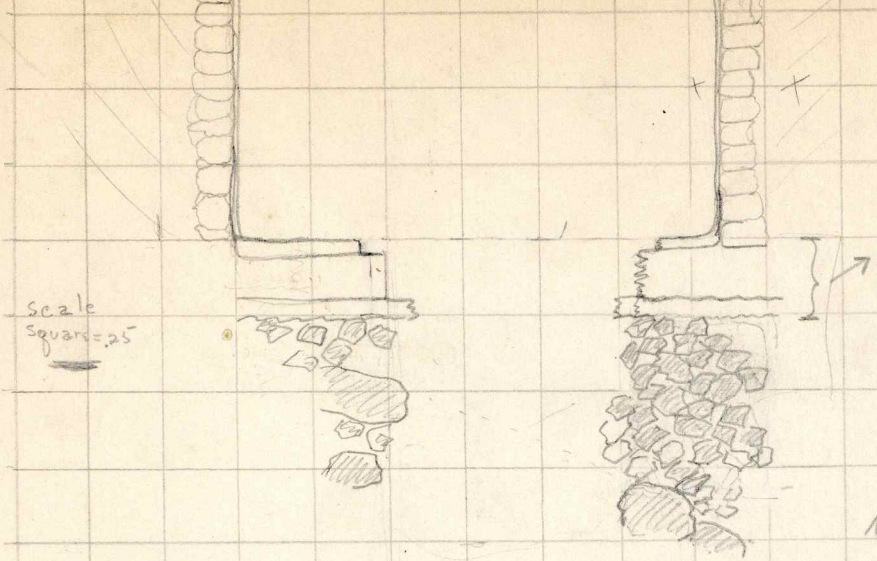
Mar 27 - Sec j'-j"



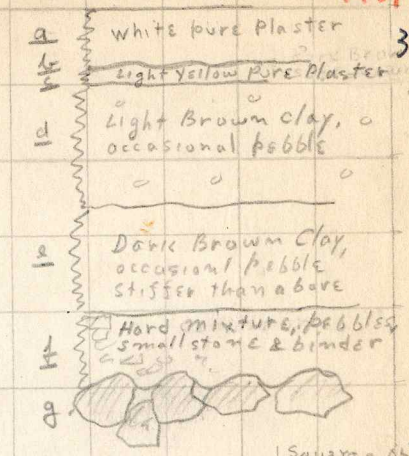
Sketch Map #5.
W. Group, Structure 1.
Room A - W. end

Str I-2
1931

31-7



Section a' - a"
West group - Room A



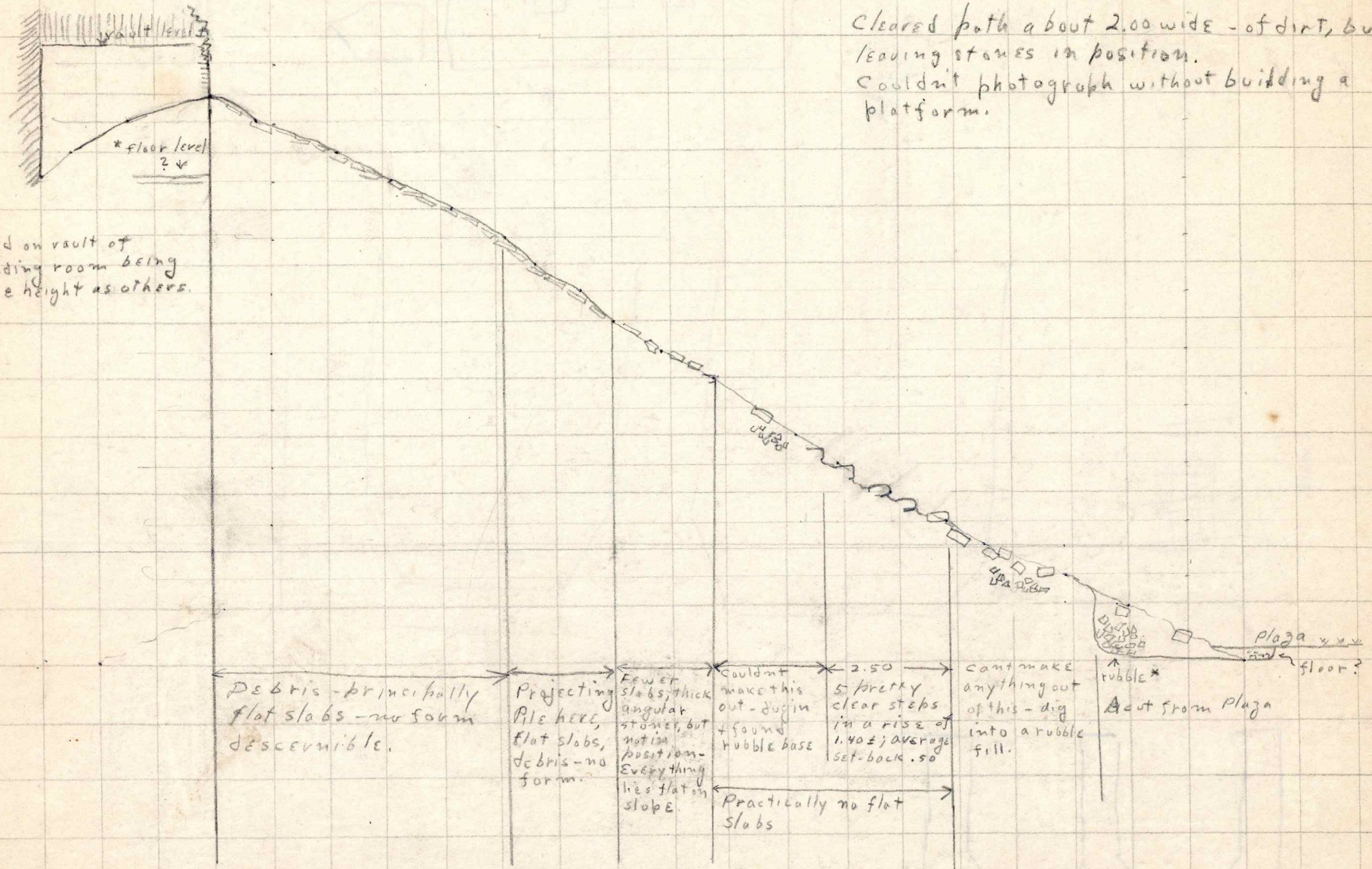
NB. b is about .002 thickness - dark or black, soft & crumbly.
f is yellow-reddish - exactly like an iron concretion and as hard - cannot be disrupted with knife and resists the pick.

5/20/31 - See of Door #15

M.E.D. 3/21/31

W. Group. Terrace or stairway in front of structure #1. Drawn from p 9-l #2

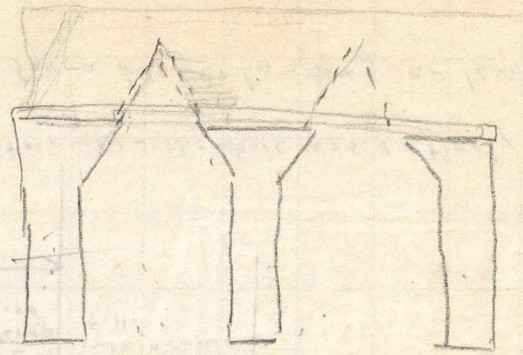
Rough section after partial clearing, with meter sticks only - in front of room C Mon. 14.

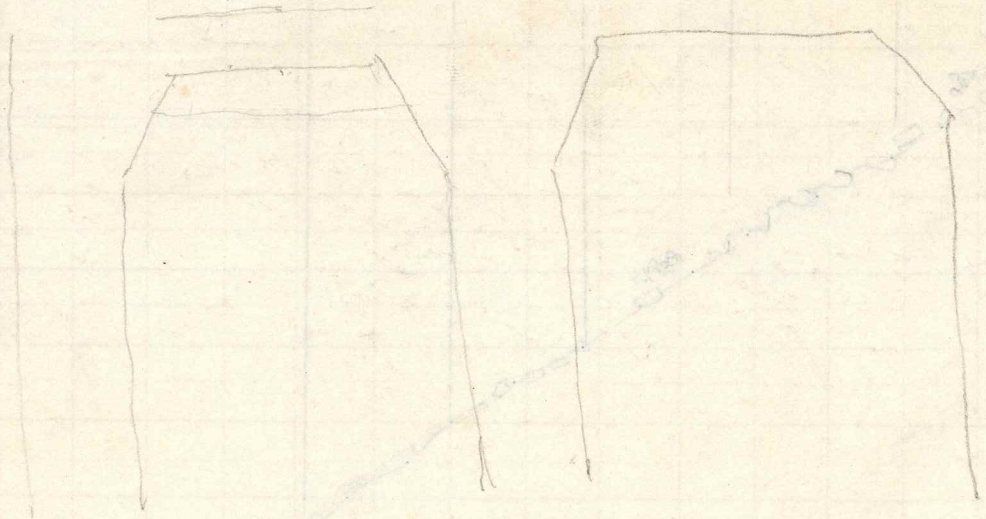


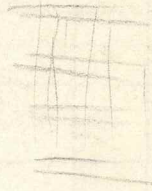
NB, This was too rough for definite conclusions: Probably the whole business in a stairway - the whole was entirely similar to this section.
The angle here indicated for the steps, plus the floor level assumed, would call for a broad landing or lesser inclination somewhere.

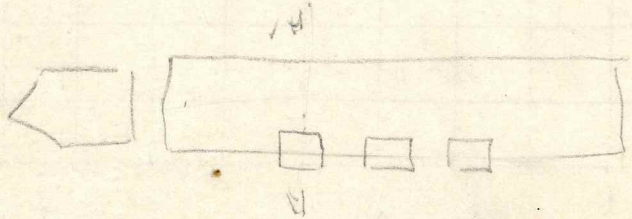
*rubble = loose stone, broken, no soil, plenty of air space between

SK 5 Photo #2 SK 5-2 131 38 375 NW 2









1933-1

SxI S-2 1933

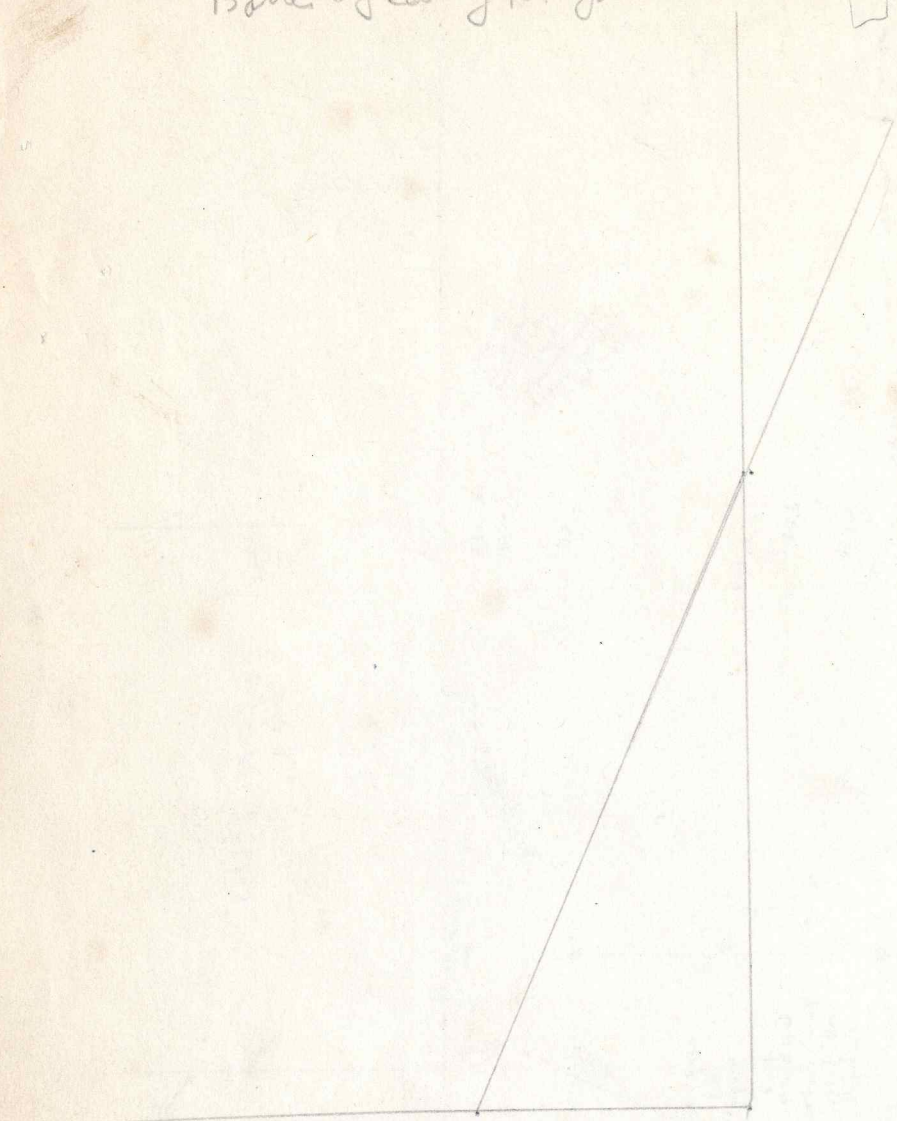
Section on through NW/y end on line with inner sides of piers of Room 1.
Scale .02 = 1.00

buried round corner terrace.
3.55 per Parris plan.
heights taken in line of flues where undisturbed - falling toward corner.
h = -.23
-.41
-.85
-.200
-2.28
-2.66
-3.00
-.294
-3.18
-3.46
h = -.24 (corrected)
(1)
(2)
(3)
-.90
(FOUND h = 2 stone)
floor line sets to new runs to this hat 3.00 ± line of section line hatched portion possibly 1.00 behind (heights discontinued on crumbling ground stuff)
floor of Room #1
(0.00)
rubble top of terrace retaining wall
very rough, but straight on this line
was buried - probly construction wall - better than usual fill wall.
2.10
ruins of 4 more steps
4th step -2.66
Terrace floor, S-1 goes under ?
.25
h = -3.71
h = .20 above floor at SE corner medial wall, doorway T.
.43 - .20 .23 46
.61 - .20 .41
1.05 - .20 .85 = 170
1.13 - .20 .93 = 186
Changes
p = 1.64 - .20 = - 1.24 - .10
h' = - 1.14 + 1.14 2.28 = 456
hi = 1.14 1.86 300 | 1.14 1.52 2.66 x 200 = 532
1.14 .86 200 | 1.14 1.80 294 = 529
456 + 532 + 529 = 1517
456 + 532 + 529 = 1517
456 + 532 + 529 = 1517

2.10
4
8.40

90
4
360

Batter of early Platform.

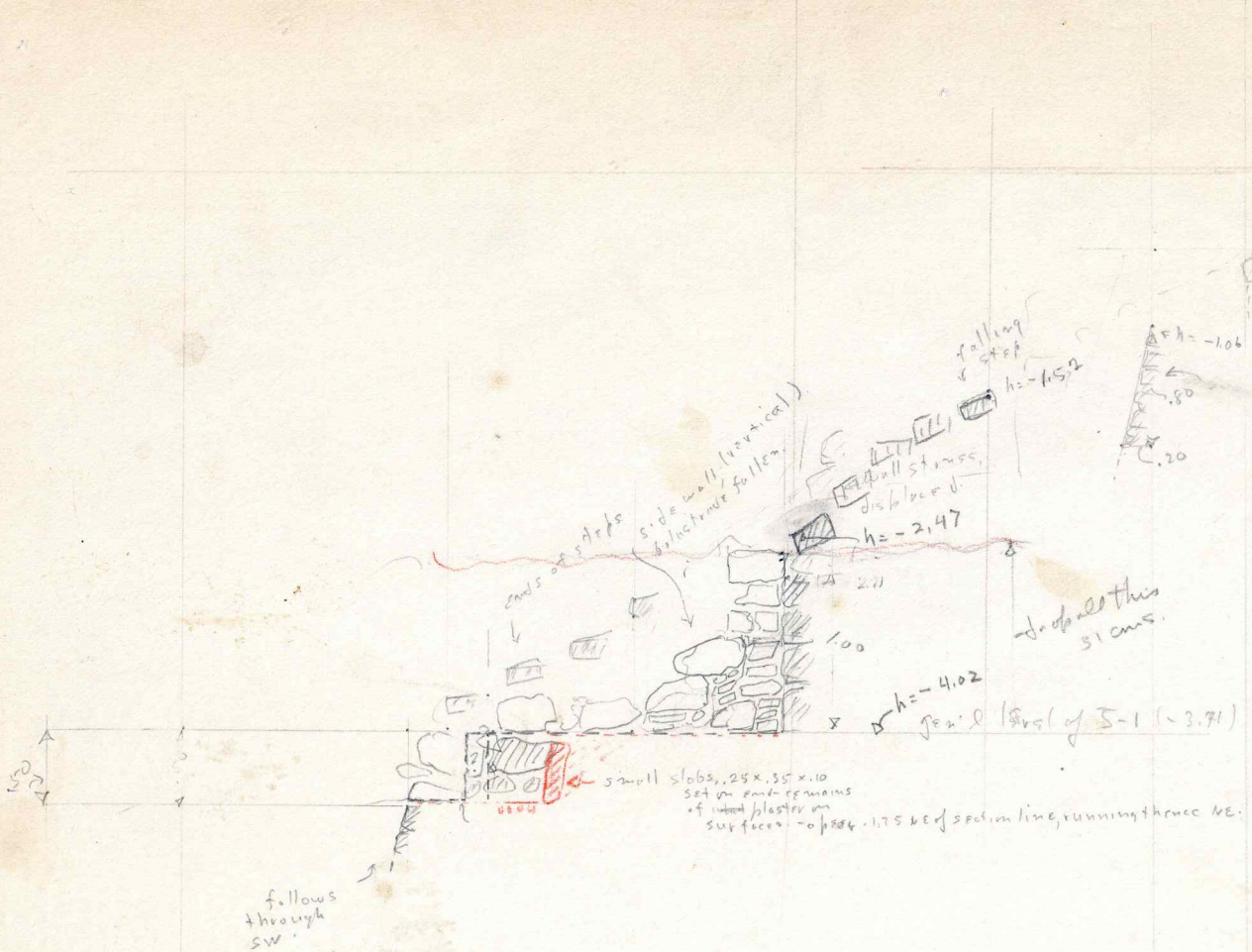


Oversized item not scanned

33-3

SIT S-2 - 1933

Section + elevation.
Looking NE'ly at end of
Grand stairway.



h = 1.22
128
106

M = +22
171
295 x = -1.44

M = -1.51
95
442 -2.46

M = -.53
99
304 -1.52
-53
194
494 -247
5
M = -2.42
1.60
floor: -4.02
4.02

33-4

SW. 5-2. 1933
N end of substruct.
Sections A-B & elevation (see N. end Plan).

scale = .02 = 1.00

NB Datum pt is with base of plinth as zero
– lower floor is 3.65 below
bedrock – 5.25 + lower

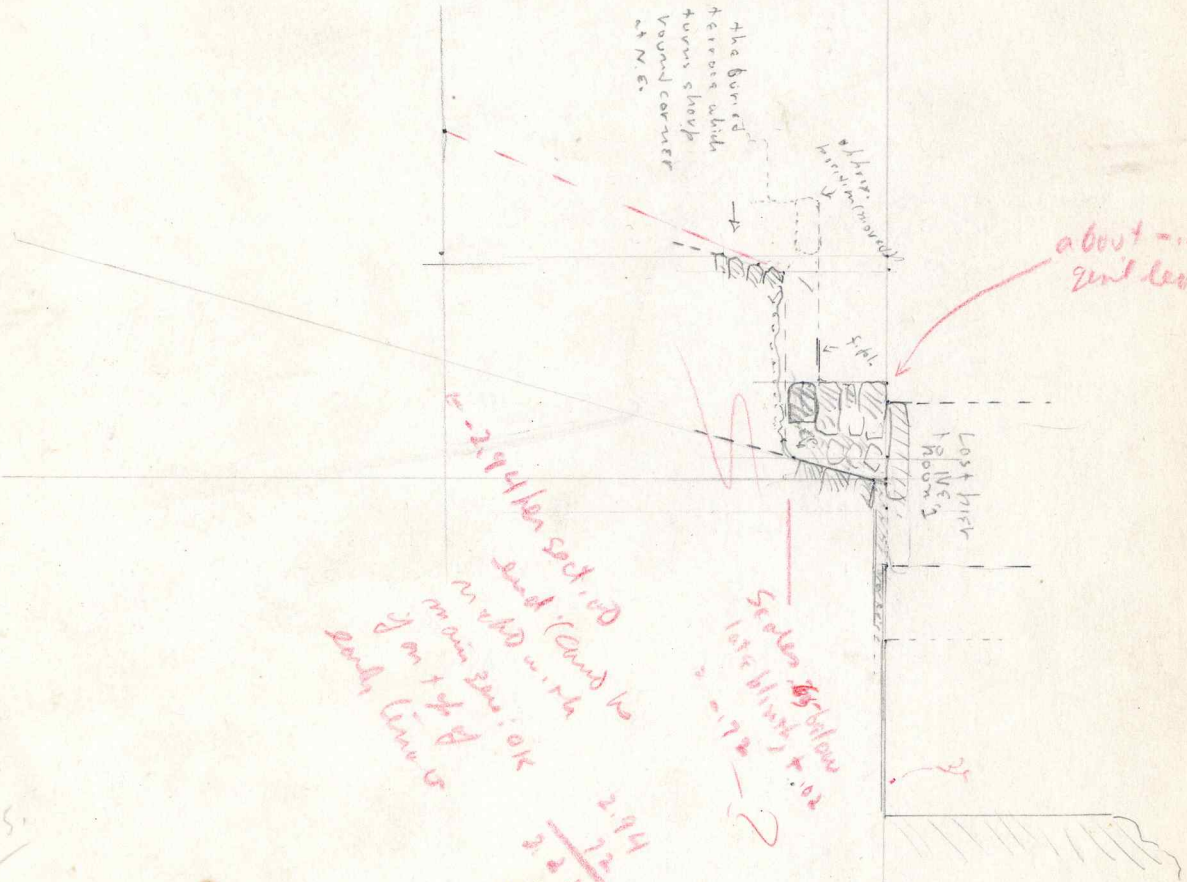
St I J-2

33-5

St I J-2 – 1933
Section through pier + buried terrace – Room 1.

Scale .02 = 1.00

33-5



29.30 .65
12
10

SYR J.2 - 1933

Section of pit, NW end of tunnel.

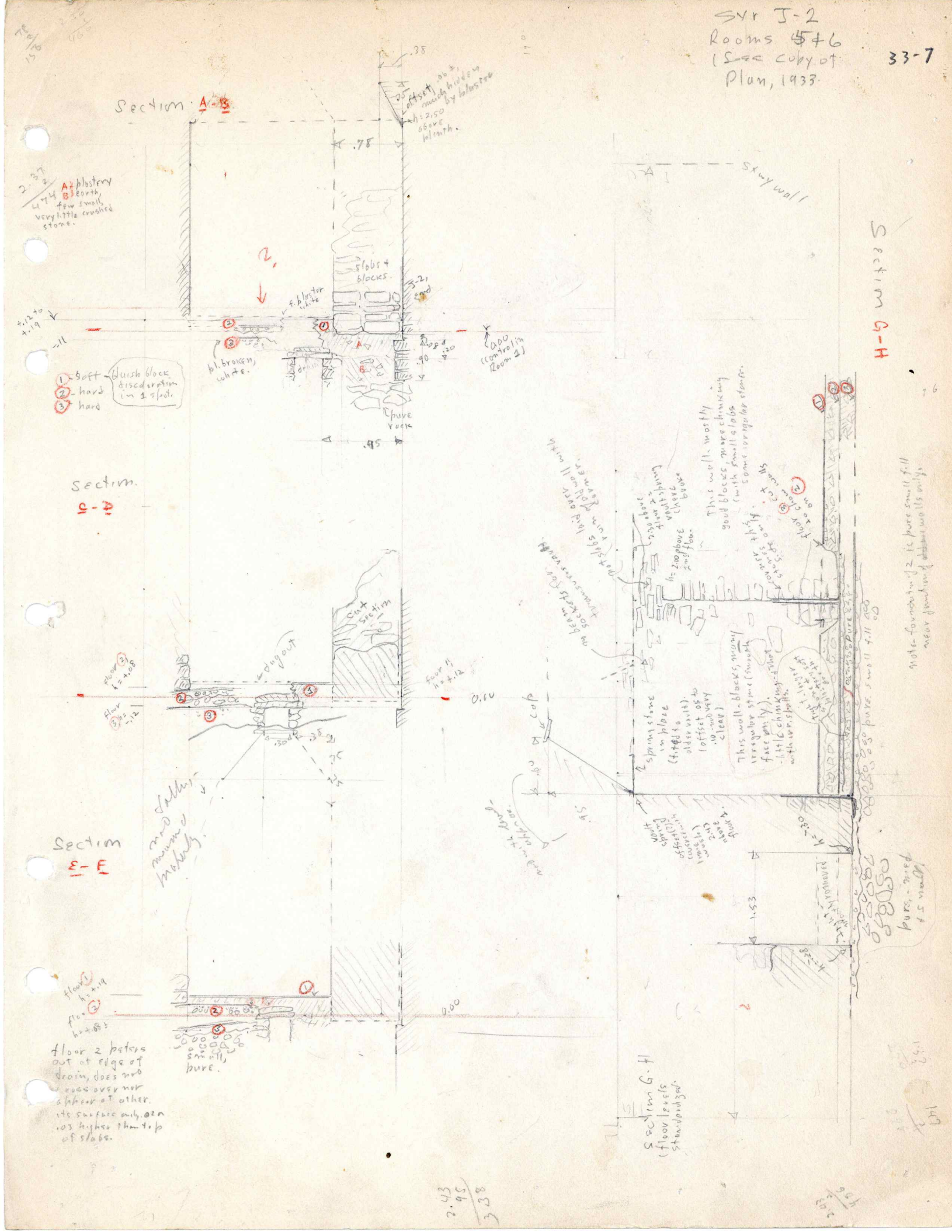
Scale: .02 = 1.00

Section, NW - S.E.

33-6

Syr J-2
Rooms 5+6
(See copy of Plan, 1933.

33-7



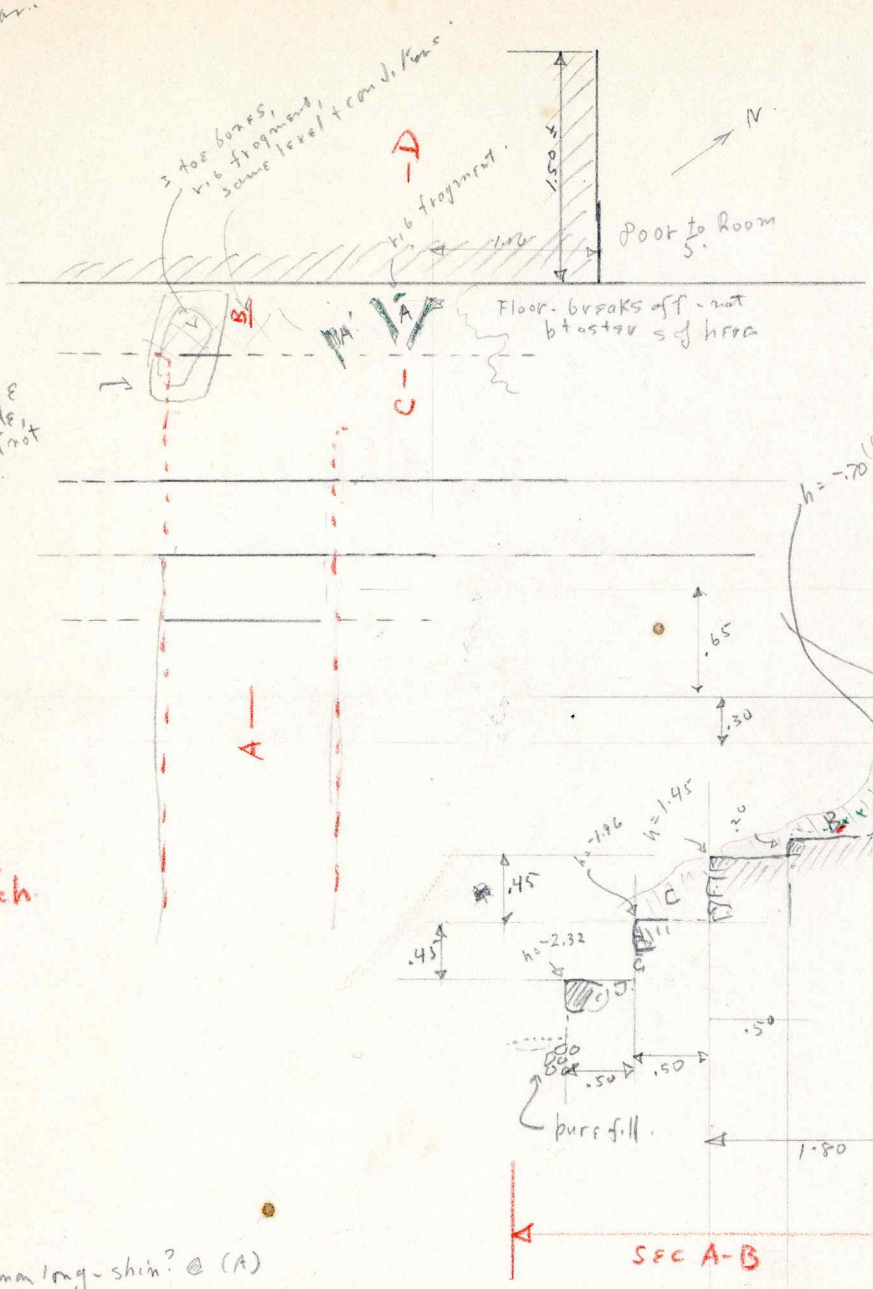
I-2 - 1933

33-8

Scale .03 = 1.00 M.

green bones.

Plan.



Bones-
2 human long-shin? @ (A)
2 fragments ribs (human?)
1 human (?) long (?) A'
2 human toe
1 human ramus
small animal scapula (?)
1 antler prong.
fragments.

Sherds - a bushel or two of large cajeta sherds, & a sack (saved) of thinner & or painted wares. Every sign of being from stuico. Many fragments of stuico, a few showing ornamental form.

floor level.

long
A-2 human bones (femur)
± level; fragment of rib; of arm bone (?) - under confused loose mass of sherds + stuico fragments.
No floor abt. Just to N, floor appears at or few cms. below bone level.

B - sherds + bones (including human jaw, foot bones

From A, B or C - piece of antler.

B - Bones + sherds + stuico, mixed, sherds never of 1 put together, rest directly on pure fill.

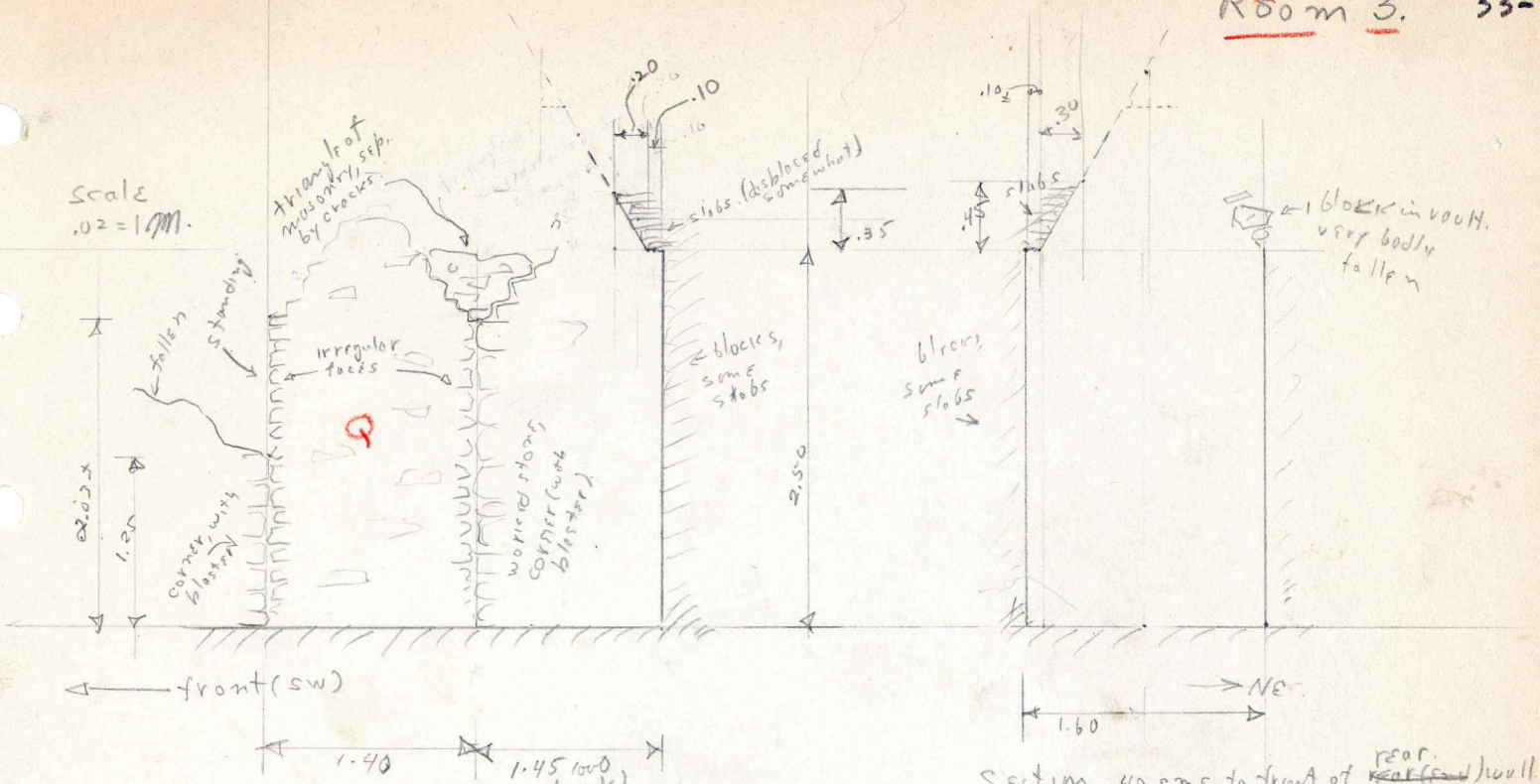
there is no doubt that bones + sherds lie on the steps

hrs 90 47 -33
1.17 47 -.70
hi -.87 16 -.71 74 -1.45
-.71 125 -1.96
-.71 161 232

h=4.46 (see 1934 note)

SxIJ.2 - 1933

Room 3. 33-9



elevation, doorway Q; Section, rear wall.

Section 40 cms to front of rear wall

U48
5.96

2|69(345

Oversized item not scanned

S+I 5.2 1937.

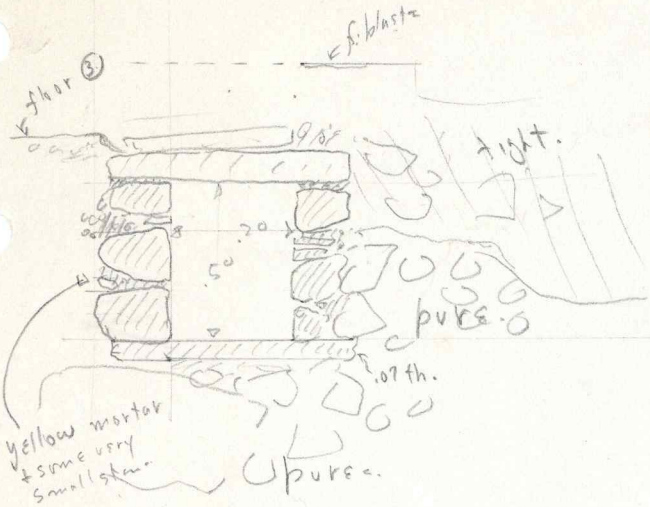
Room C. 33-11

Drain.

Scale = .04 = 1.00m.

Cross Section

Drain, road end.

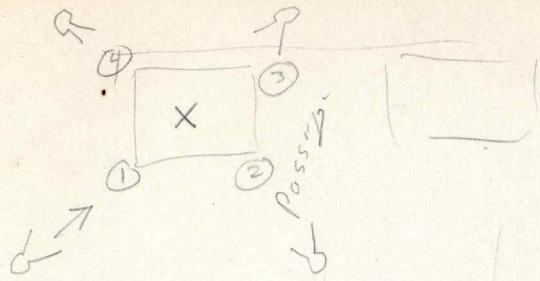


Oversized item not scanned

P.N. 1933 Str 5-2. 33-12

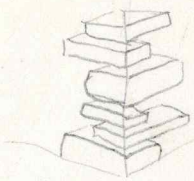
Masonry

Pier left of "rear" door of passage (~~Pier~~ Pier #10).



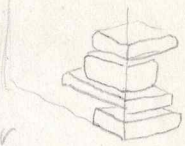
Reasonable amount of chinking

Corner 1 - clear "binding

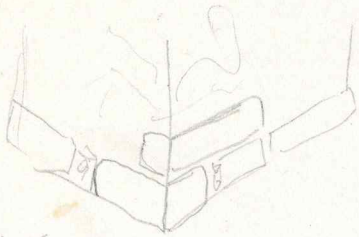


Corner 2:

Binding, not so clear. Also less of corner left.

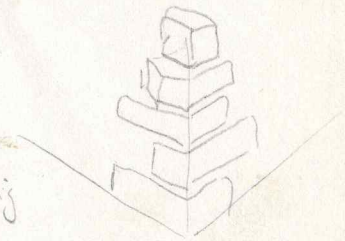


Corn #3.



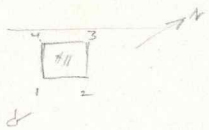
clear binding so far as it goes (2 courses)

#4



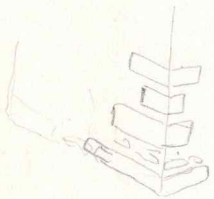
clear binding

Pier #11



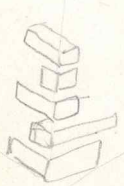
Corner 1.

Corner 2



some alternation of long & short axis, not much.

Corner 4.

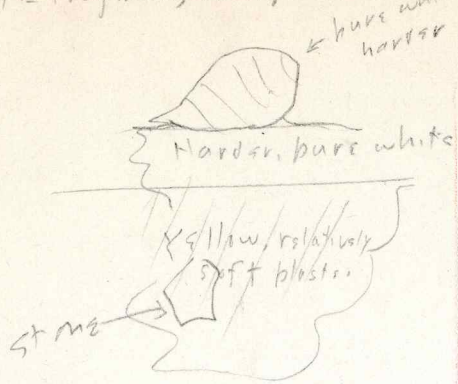


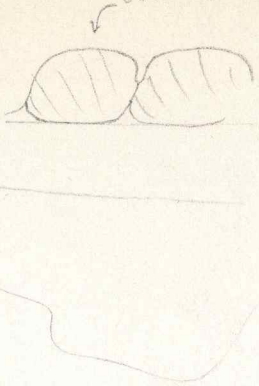
alternation fairly clear. This gives a tail-in effect.

Oversized item not scanned

Stucco -

4 fragments, cut up:

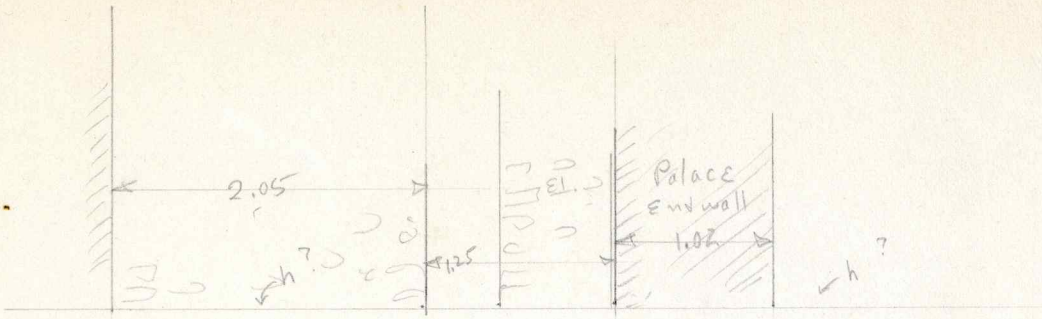




Carefully excavated green area with small tools - lots of soft yellow, with shells, very little pure white that was from flat surfaces. Almost certainly this stucco had been thrown in roof material.

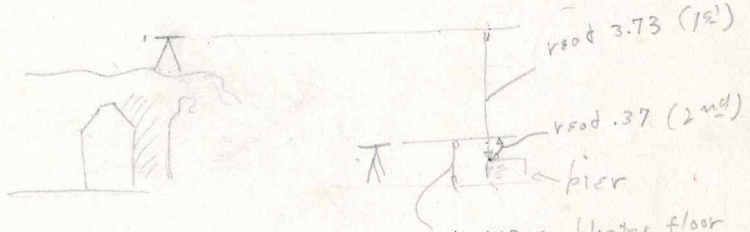
Str. I-2
Cross Sections
Room 5

34-1



1934 measurements

Roof height over Med. wall 2.00 or 3.00 meters
NE of (old) of doorway between Rooms 5 & 6.



roof 1.12 on plaster floor near left front jamb of central passage doorway.

Surface is small slabs, broken stone (size of fist) on surface.
.05 to .10 crushed stone.
Elsewhere crushed stone is general surface. Pretty clean what is left of mortar roof.

h of roof = 3.73
− .37
3.36
+ 1.12
= 4.48

Rod was not moved from pier till 1st & 2nd readings were taken.

4.48
3.45
1.03

+1.12
.37
.75

h = 1.06
1 1.21 / −.15
2 1.06 / .87 / +.19
3 1.06 / .87 / +.19
4 1.06 / .98 / +.08
5 1.06 / 1.01 / +.05 (566)
6 1.06 / .94 / +.12
7 1.06 / 1.17 / −.11 blocks
8 can't see
9 1.06 / 1.43 / −.37
10 1.06 / 1.79 / −.73
11 1.06 / .87 / +.19

F. 16 I-2 35-1

1935

J-5
S.E. side

4/18.
(File 5-2)

35-1

Group of Bones

on third step or plinth in front of wall

Skull bones 1.50 in front of (S.E. of) wall —
and 1.50 to right (S.W.) of end of front wall, which is also
left (N.E) side of first pier, which joins end of wall.

Large sherds for stucco scattered about in surface
debris near bones.

I-2 35-2

S-16. I-2 1935

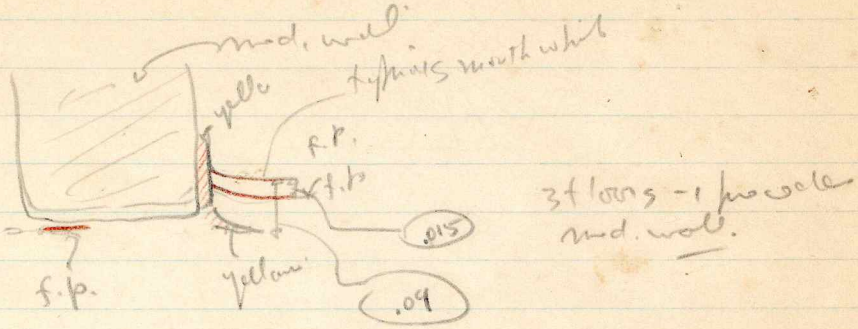
1935.

Capstone - ventilator plaster mains - gunite irregular -
shaw coef. of losses of .32 to .36.

Sth J-2
1936

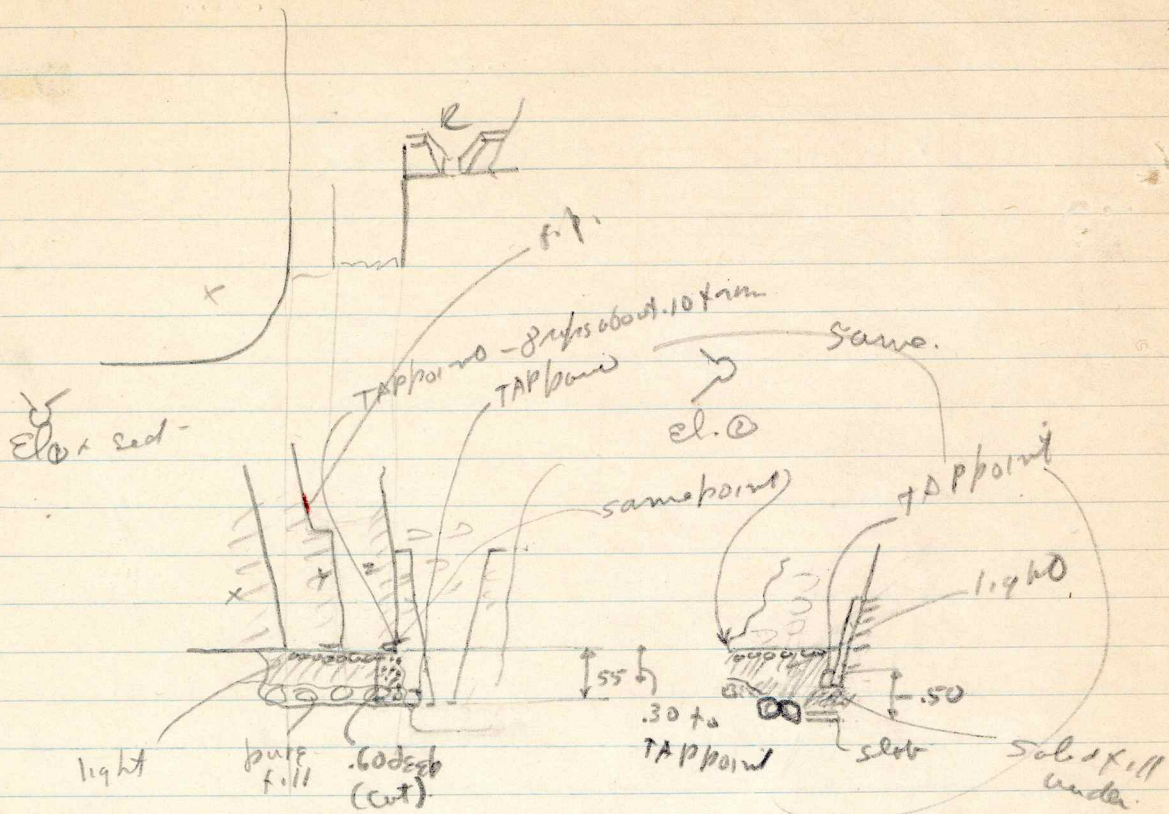
Section .05 to .50 at grt medial wall doorway.

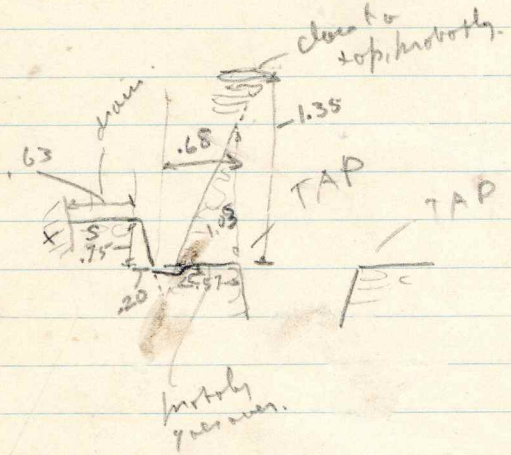
looking to rt



4 known floors lay enclosed provided medial wall.
It is very unlikely we are dealing with something from lower court level.

J-2
1937





NB. the wall Z, vs which the stony was built, (or vice versa) is based well above its lowest step. - as found by TAP

The outer low round corner would indicated by dots (mans end here) must have been cont. with X - there is nothing else here to furnish down

This does not occur (cont. cut off by sure fill, although chance of top of a door rubble

: this must have a low as in this sec:

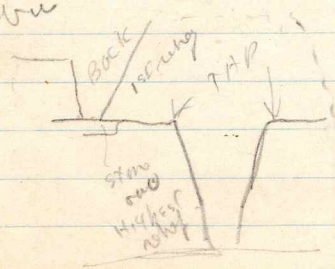
then walls Y, Z : finish on up with steps.

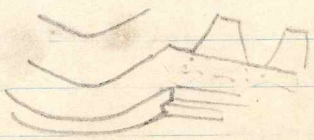
to second step

(S) in relief, ends against X

My present idea of original step

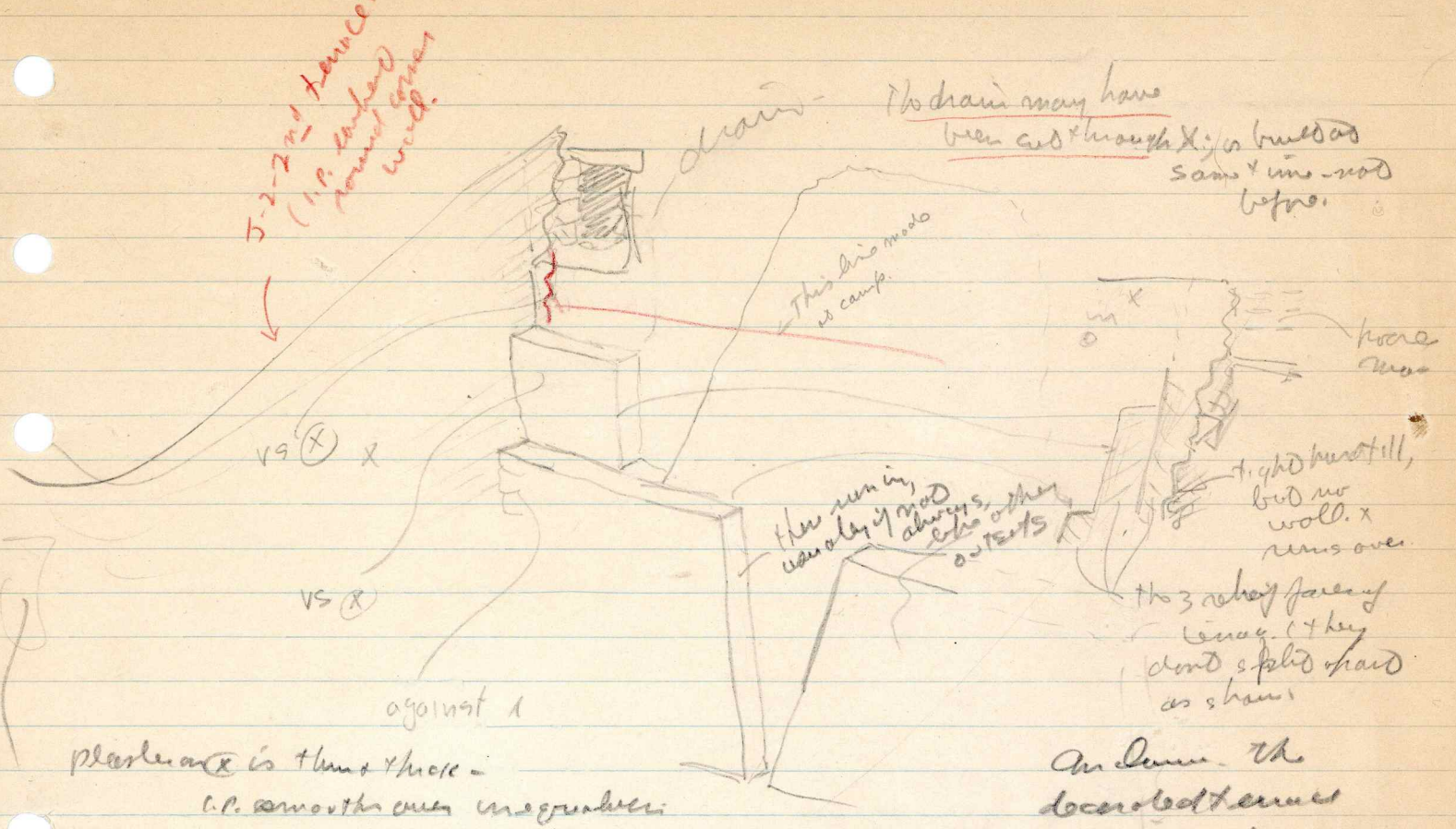
How





This would make X + R contemporary -

5-2
1937
(2)



Please ⓧ is thin & thick -
C.P. smooth over irregularities
Quite white - little crushed stone
- but further & around centers runs
brushed over gray wash - probably
from bedding mortar.
Chinking is with lay, coarse crushed stone -
pretty thick beds of dark brown to
black mortar.

An Inner - the
bedded terraces
& ⓧ are contemporary

Note: ① cannot precede drain. Cannot post date it

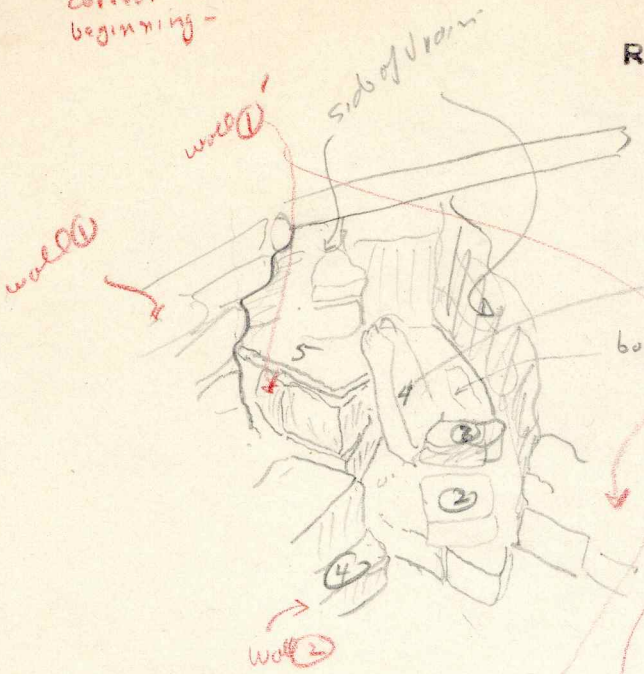
Note: ② Probably bed rock just under drain shows distance in. of correct wall should be here from beginning -

PIEDRAS NEGRAS March 3e 1937 STR. S-2 ①

OP. No. W-2 MUSEUM CAT.

SCALE SEE PHOTO Nos.

REMARKS Outer End of Drain - left end of earlier substructure.



bottom stone? ① (which is .58 below inside top of cap

② base lower, top about .05 higher than ①.

③ decidedly higher than ① bottom wall

④ fallen small slab

Note ② may be slightly turned facing stone, forming bottom of drain mouth

③ - if fallen (it does not engage side wall) along with slab, gives no proof of closing of drain.

④ belonging to earliest secondary wall ② on 1933 sheets is in good position and overlaps drain side wall by .05 ± .10 cm. (wall is irregular).

N.1 Two Third stones goes behind curved corner wall, & shoe shows there above it did not But another .25 below is headed the other way.

⑤ & the stone below are back of drain side wall. Thus drain is contemporary with the curved corner wall

Later

stone ① was in thin slab fragment, loose. Bottom is .62 below cap - consists of irregular stones med & small, stone with gray dirt in interstices

But f.p. survived as a patch immediately under stone ③, which lay on floor. Third either fell, in partly blocked drain.

But a good deal of irregular stone lay on floor just above as far as we have gone (about 1.00 in from E end.)

Later. The fallen slab is .50 may be drain. 40 wide at slab still in place.

Some of med. stone further in

N.2 must be flaked off bed rock, which seems to have about 0.20 in from edge of remaining cap stone.

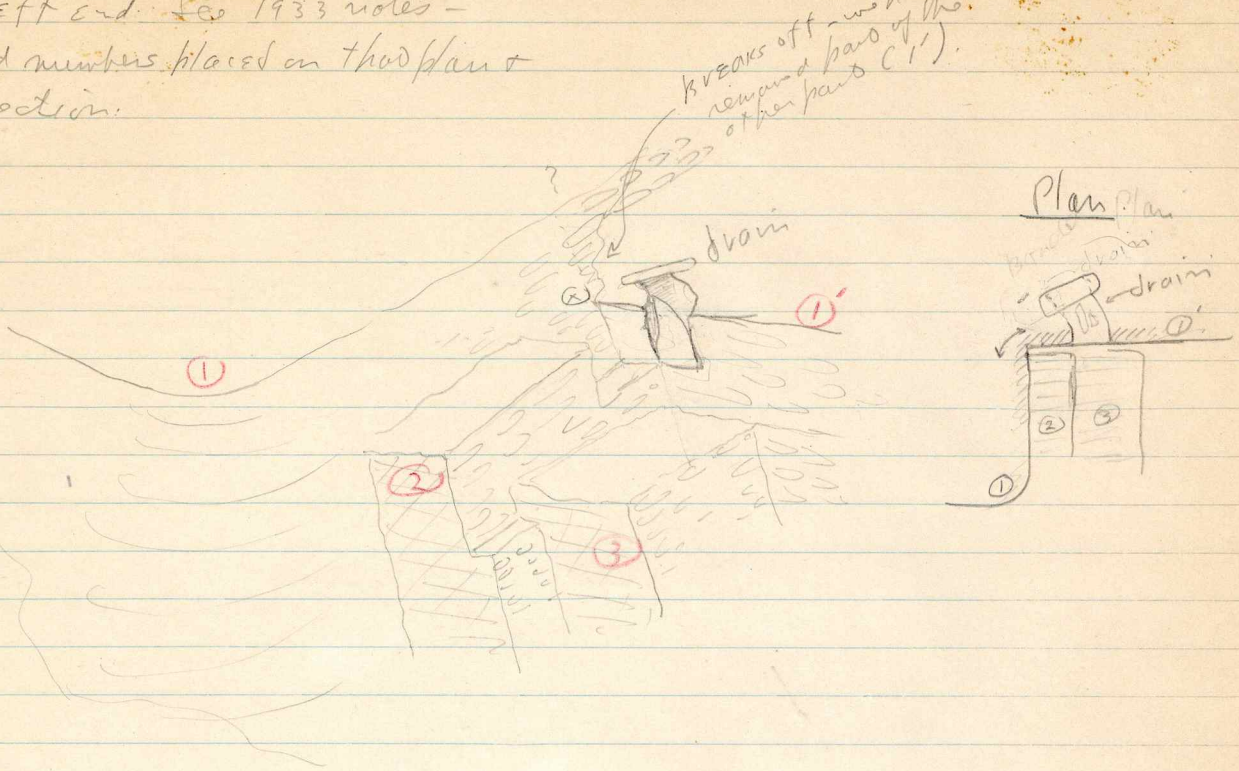
Soft gray dirt, with some sherds well above bottom well below tops of dirt (bag A) nothing to within .15 of cap stone.

Long handle shovel enters full length.

M. stick indicates corner to N may begin about 2.20 in. - about right to miss corner of palace f. plat.

5-2-1937 37-4

Left end. See 1933 notes – red numbers placed on thos plan & section.



① turns at X, the two parts being bonded. Two scrapes of total length of either part at this point.

Drain (?) being 1' top about 1.00 m below ① top.

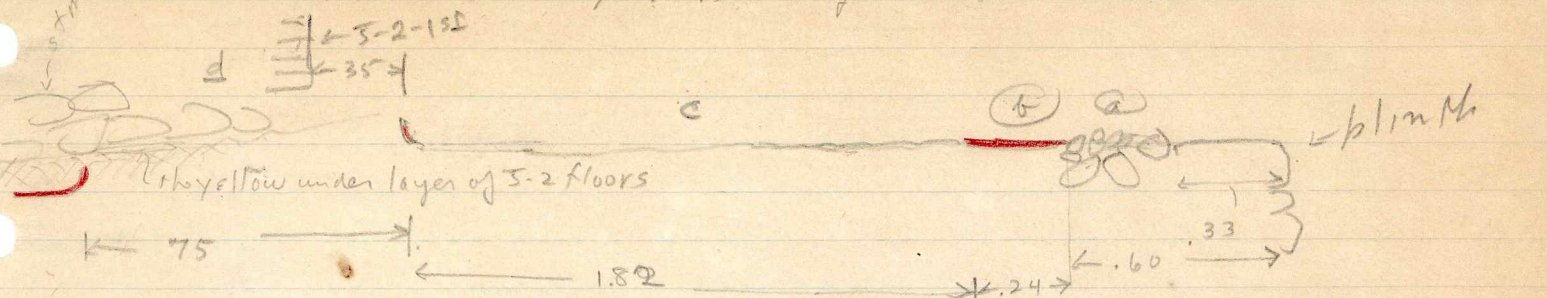
The wall ①' certainly closed the drain – we removed part of this after finding a corner with ②, in order to show is was not bonded to ②, but to ①. The lower part of drain is still blocked by remaining parts of ①', in its lower level – i.e. from about .35 below cop, thence down. We do not know depth of drain yet. This is all wrong because we now find the side wall drain running out to face of ①'. The remaining part of ①' left end to is almost surely on the side of opening. The last couple of cap stones have fallen into drain.

Stones of ①' which passed behind ① also formed left (facing opening) side of drain which ∴ must be contempory with drain opening (and with drain, unless there was an earlier part. – I.P. unless ①' was partly torn out to build drain. This could easily be (?) – the drain and ① should be a cont. unit because ① raised the Count + drain runs into the raised Count not far below its surface. this allows bonding of ① + ①' left (facing) of drain, without removing rest of ①' contempory. If ①' needed, we have explanation of its base being lower than that of ① carried down to J-1 top level.

apr. 1 1937

See Plan, Sht 5-2-2nd

Section under left rear pier .50 ft. of its left side:



182
24
206

a - small stone, tough, runs above & below

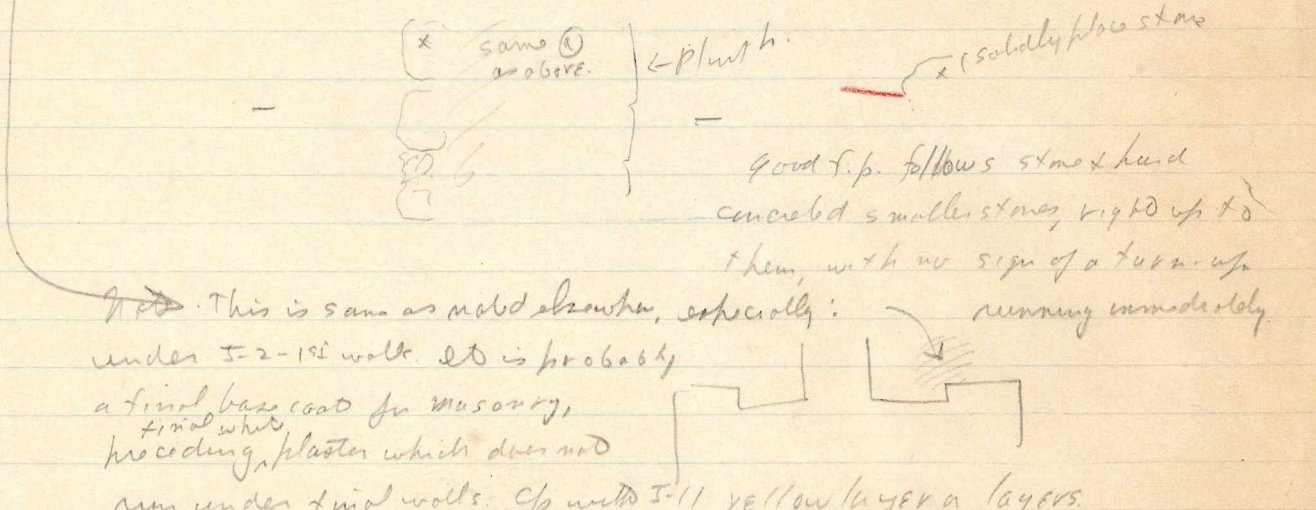
b very good floor surface in good turn up for latter, but breaks on some (though somewhat) irregular line, both sides.

c - apparently exposed floor, f.p. missing (as nearly everywhere except near mud wall & turn-up & under piers. This area is quite rough - a sure surface - not so large stones causing it's plane as in a.

Note: Sep layer runs over stump of early mud wall: it has the yellow "floor" appearance. Can't say positively latter causes the early turn up, but probably does.

35
182
24
60
301.

Plan & sect. in .22 left of rt side of left rear pier:



PIEDRAS NEGRAS 1937 STR. S-2 37-6

OP. No. N-2. MUSEUM CAT.

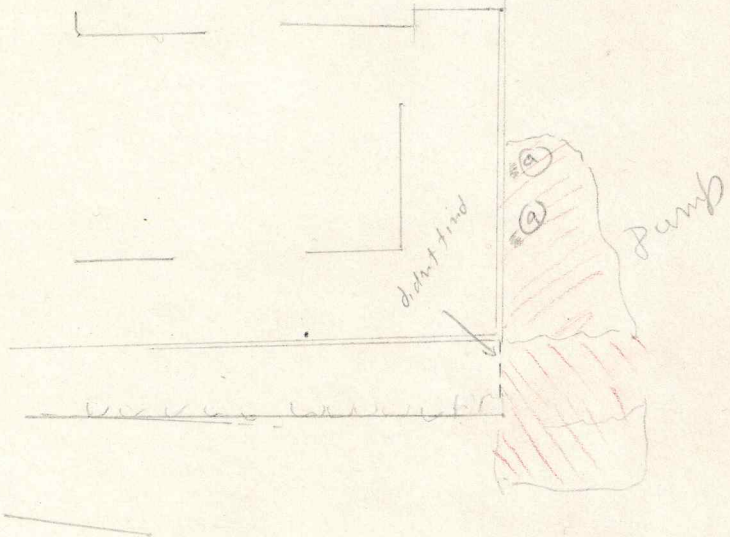
SCALE SEE PHOTO Nos.

REMARKS

= hard rocky top of floor, ~~hard~~ material below which shows clear adobe at .02 above it

This floor is about .10 above base of ~~black~~ ; but no surface below it

Top of Rock fill, mixed with some stuff less evident on our digging knobby



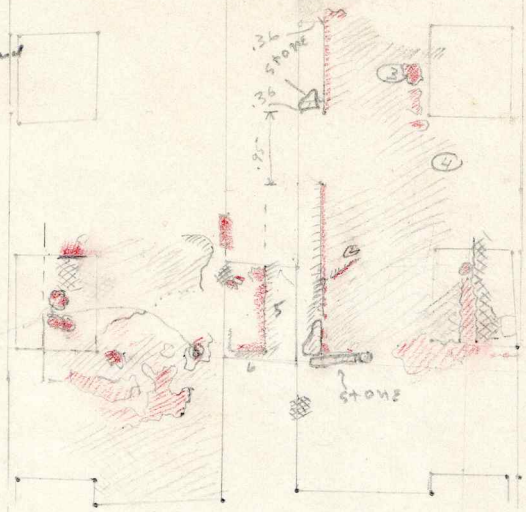
PIEDRAS NEGRAS April 1937 STR. I-2

OP. No. W-2 MUSEUM CAT.

SCALE 1:100 SEE PHOTO Nos.

REMARKS See sections on other sheets.

Cedar chip filler of doorway



Plan 1/100 from Parris
Red = hard smooth f. pl. of floor 3
= fair floor, not smooth.

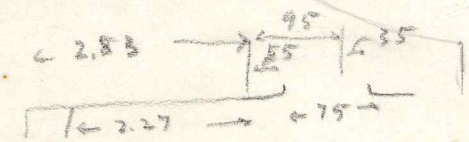
See from room
fl. 1 at
fl. 3

apparent f.p. runs under the stone - too cubs sq ft. next season must watch this on good hard crushed stone surface, very wet - can't connect f.p. in the too sides - the body seems to (7) rise sharply near rear face.

① Distinct turn up of good smooth f.p. to vanished wall just inside later pier.
② Piece of stucco (molding?) in early floor. Thin, white, good.
③+④ - sherds on floor, Burg H.
Medial wall turn up breaks off, then resumes .95 farther to right (SW). Intervening stone much softer, no sizable stone. Either was a doorway here or a portion fell out when I-2 was built.
Plaster near ③ - very good behind center, fair farther left - breaks off irregularly 8 to 12 from late pier. All covered, destroyed in by roots just beyond pier (L) plaster goes near late pier line.

5 + 6 - turn ups - ⑥ only .23 from the inside corner it makes with ⑤, then for a fairly straight break.
.65 from this corner to f.p. running forward
(7b) this shows no turn up.

From Parris + other sheets



56

2.83
56
2.27

95
35
130
-75
55

55
227
282
-05
277
75
202

for blocks

- available for (only piers + room.
(equal thickness of piers
- possible room width

2.45
35
2.60
-05
2.55
75
2.80

and on other side

Probably 2.90 for away

190 / 750 / 5 / 100 / 19 / 95

3%

NB. The transverse walls of early bldgs. (tunnel vault parts) line up perfectly. Distortion due to errors in Parris's plan or my copy.

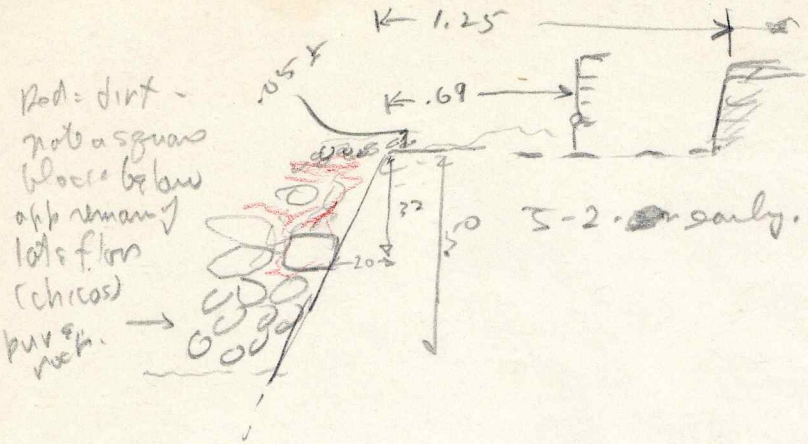
There are 2 coats in the filled up doorway - both turn up @ 6
Most wall of the front room plaster is the lower - has a rusty brown base, the other white + gray (dust).

PIEDRAS NEGRAS March 30 1937 STR. J-2

OP. No. _____ MUSEUM CAT. _____

SCALE _____ SEE PHOTO Nos _____

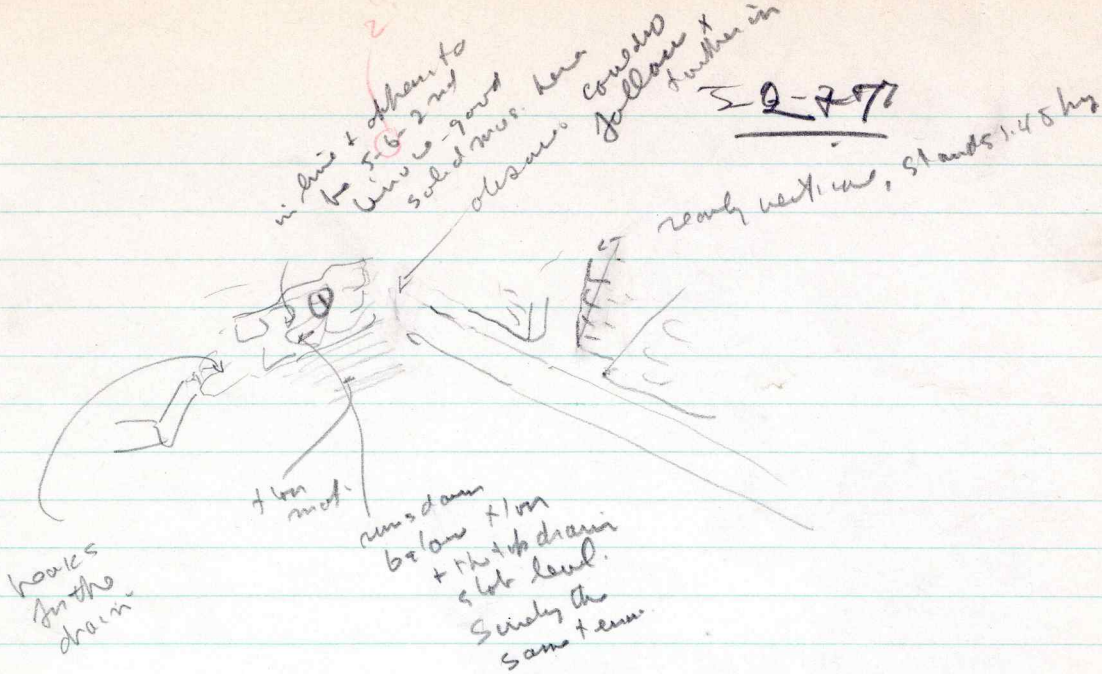
REMARKS Sedim abb near ~~end~~ wall of ~~EAST~~ NW room



1.25
.69
.56

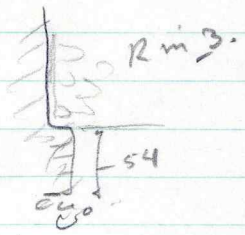
L9
1939

I-2-77



I-6.

Soc. end of I-6-2nd
1.80 from
rear of
Room 3



Acrop groups 31-1 47

Acropolis - Count I

31-1

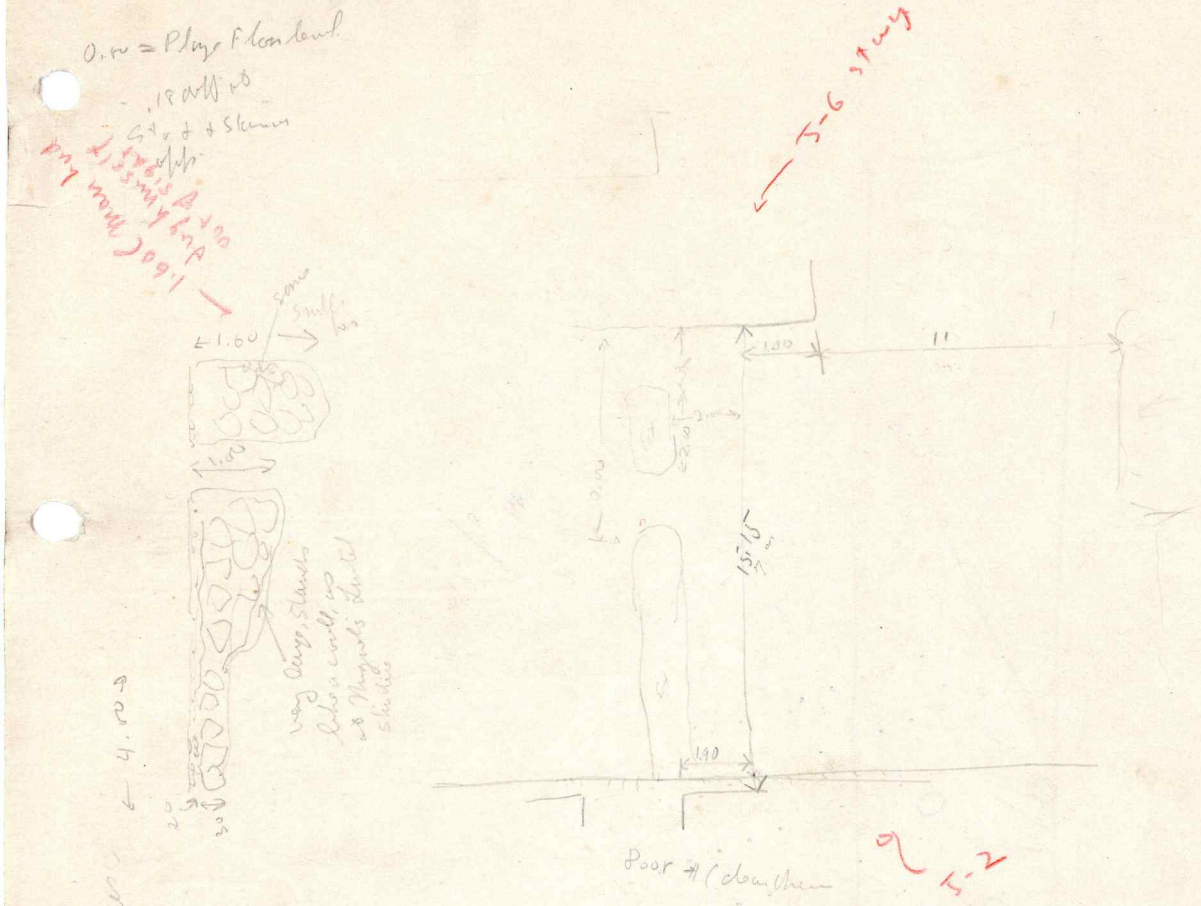
1931 (?)

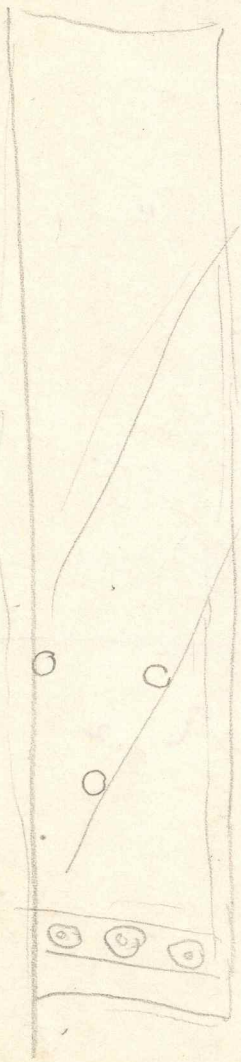
THE UNIVERSITY MUSEUM
UNIVERSITY *of* PENNSYLVANIA
PHILADELPHIA

THE ELDRIDGE R. JOHNSON
MIDDLE AMERICAN EXPEDITION
TENOSIQUE, TABASCO, MEXICO

J. ALDEN MASON
FIELD DIRECTOR

Second Count, Acropolis
checked Room A, center line — 36° off

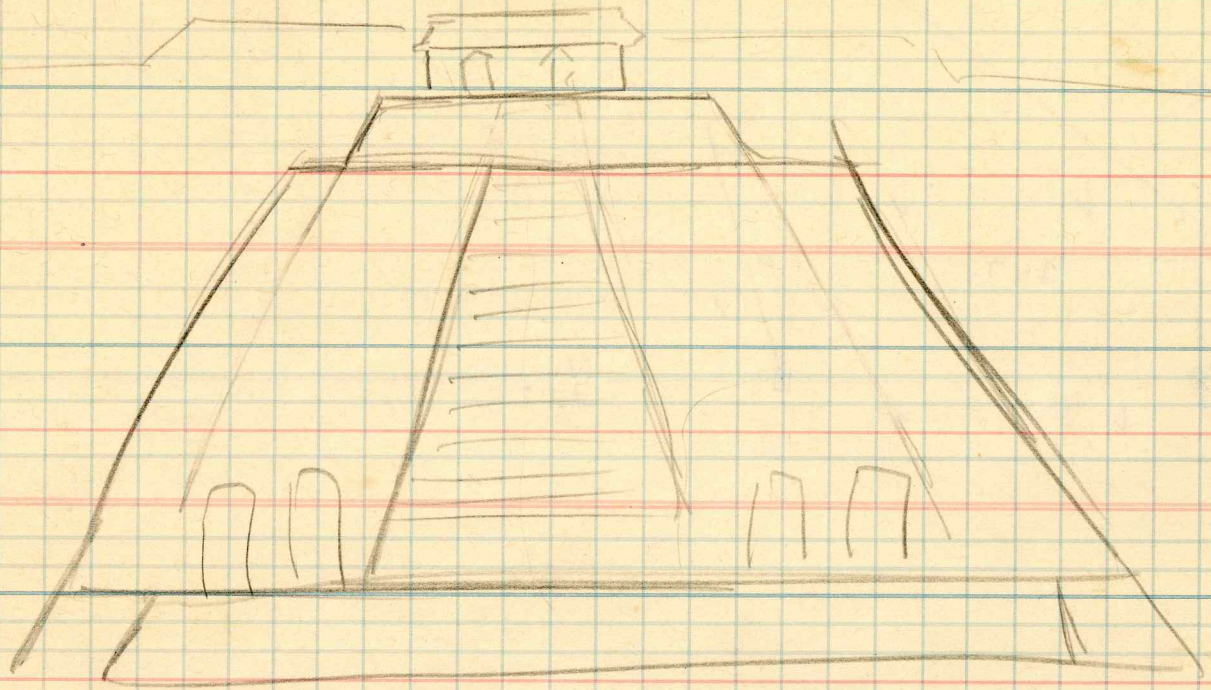


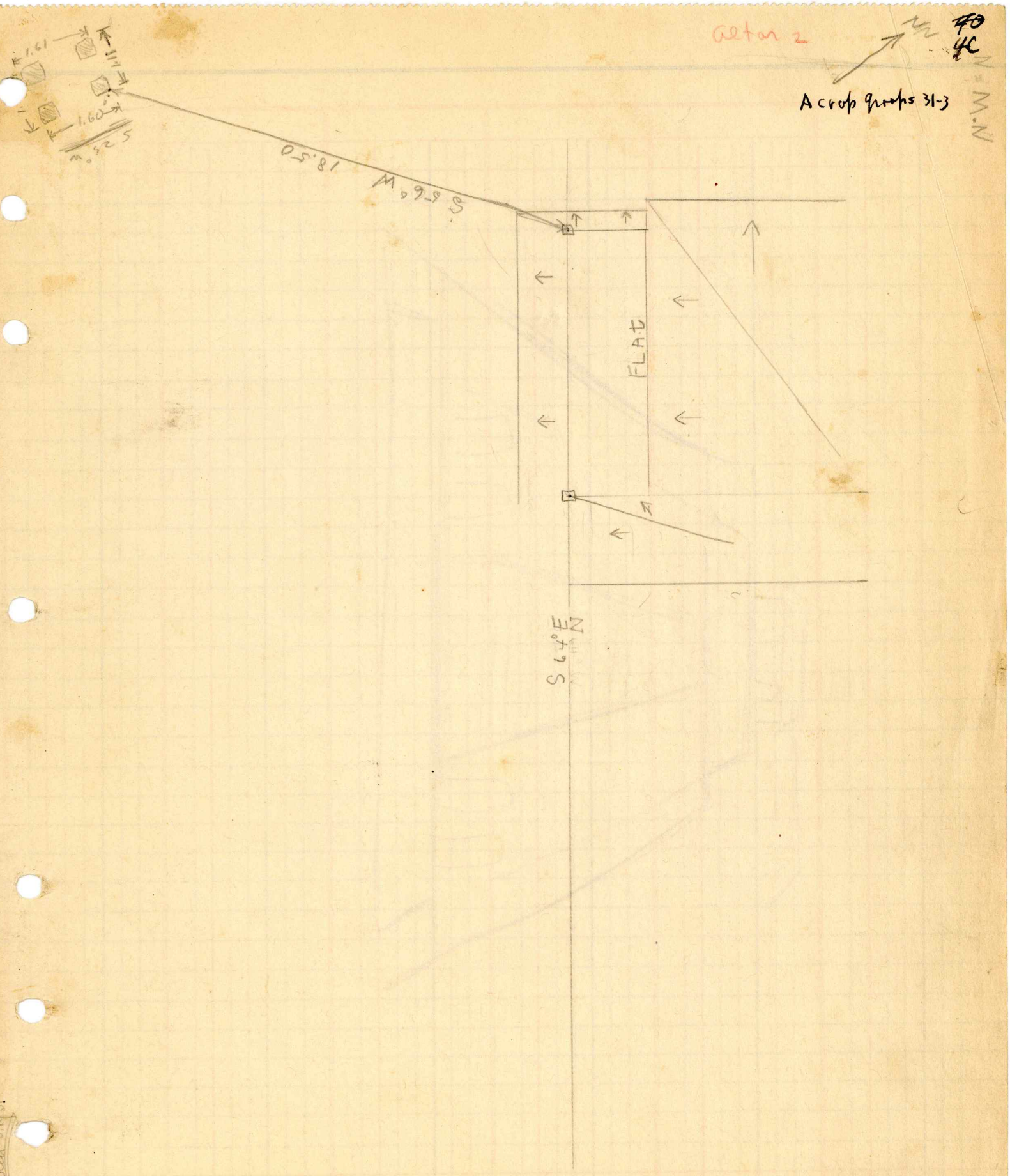


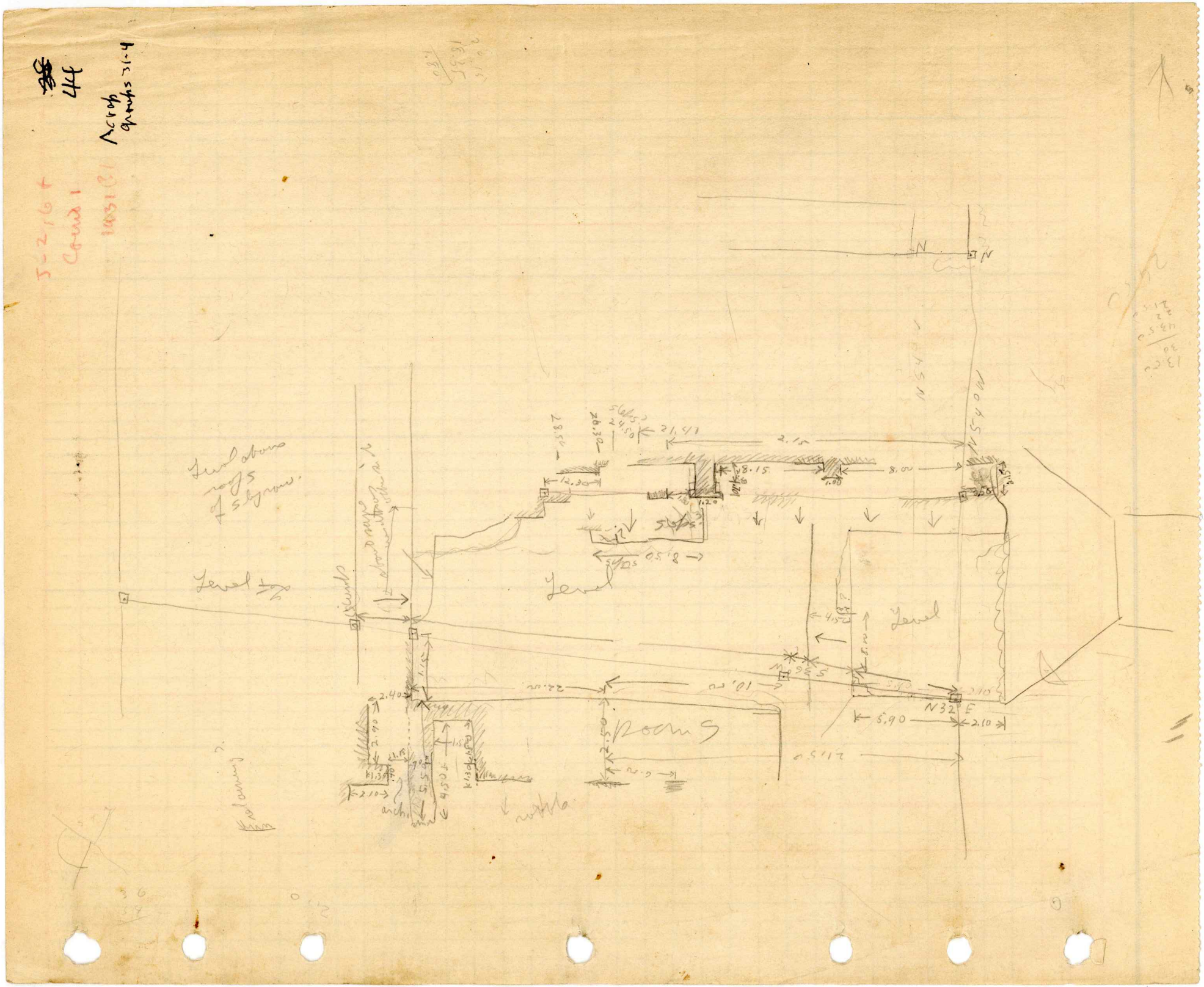
Acropolis Court R. 49

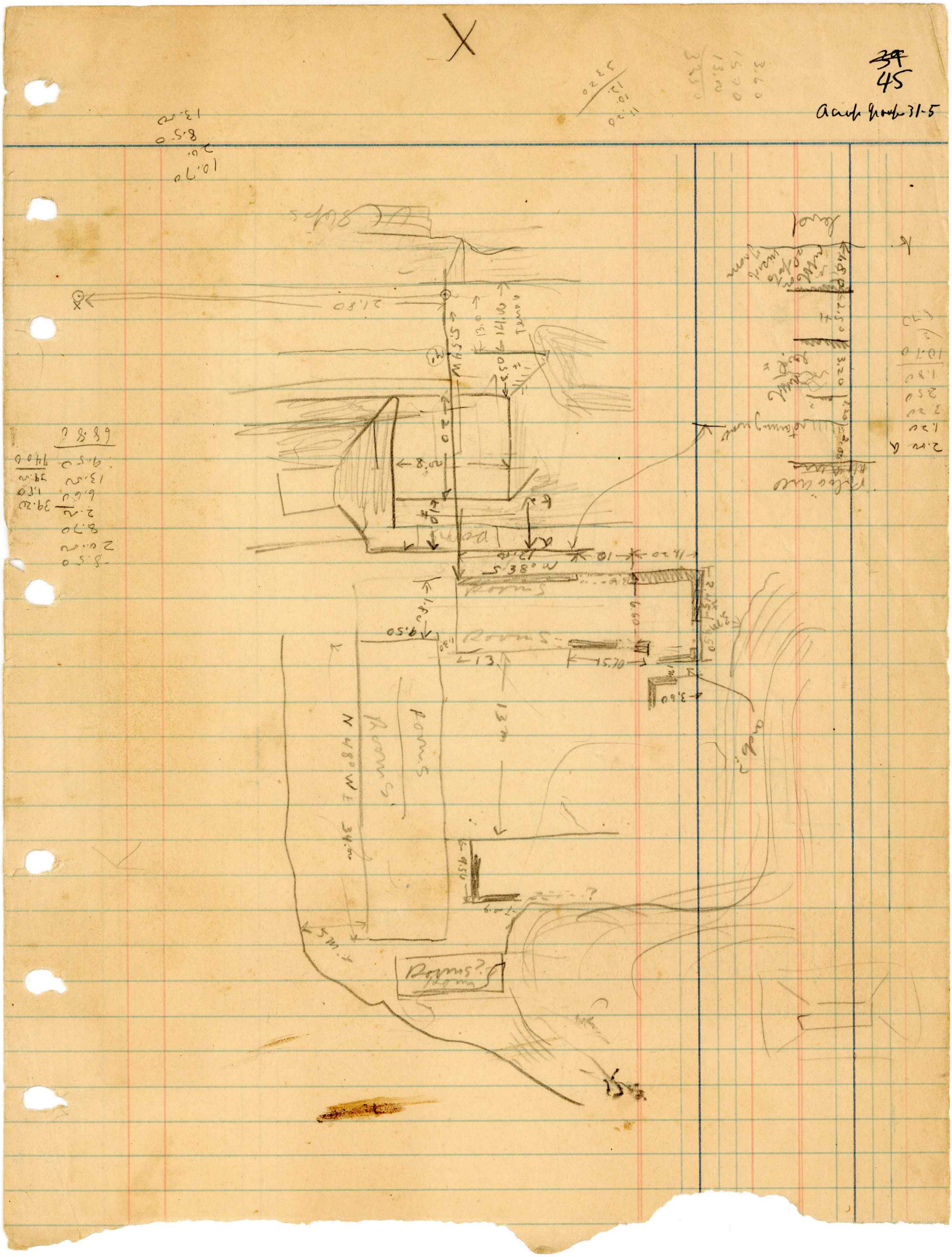
Acrop. Surface 31.2

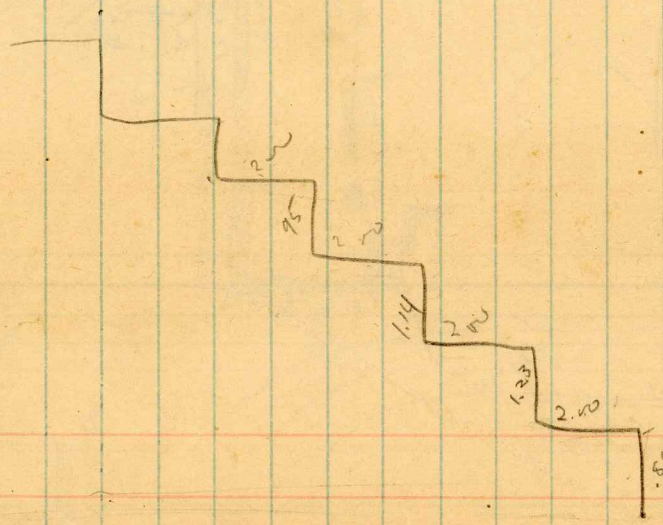
6/4/31
Acropolis
Court R

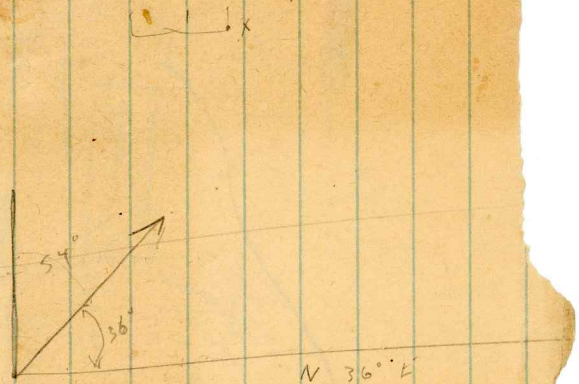



1.61
1.60
0.32 S
0.81
0.98 S
FLAT
S 64° E
N
Acrop quarts 31-3
N
N


N
N
Level
Level
Level
Rooms
N32 E
5.90
2.10
2.40
22.00
10.00
0.5 %
8.15
8.00
21.41
2.15
12.30
1.20
5.60
2.40
0.5 %
4.15
2.50
1.50
2.10
1.39
1.15
1.50
4.50
2.10
2.10
2.10







.80
1.23
1.14
.95
3.12

39-2 1939 LS
5-7+5-2
angl.

ends against early terrace which runs behind both it and the geometric which is shield

to 5-6-2nd rd corner tem.

bot.

main extension of gen'l. P. face of lower "pyramid"

1.00

hoisen off in ancient times

highest surviving bound, ~~between~~ 40 angle, vs .10 or .15 below "pyramid" top

Before earthing as above

this rake over slopes def. earlier + this wrong

Geo. Canon
Module 5-6-2nd
Locic of bonding + this hourly loose fine later date, with some destruction of a basal plinth terrace for 5-6-2nd

30+ brd. goes down pads the hands comes under both from this front

probably end of orig. 5-2 platform

5-2 plinth

same

Petaid

slab stuck in long wrist + shows on photos - chisos adhering to its under side

.55

.28 to orig. corner of upper terrace

.19 between bases of "pyramids"

Level

Slopes .34 in .8°

seems to turn a little

as oblast to 50 above Level

following almost surely a secondary

investigate for signs of punching - believe none

Outlier + terr. .01 = 1.00

.37 ad base of "pyramids" to secondary "pyr."

.25 - to orig. corner

.60

.30

slopes to right early .04 in .84 - stones above merg gered corner stones but sliding and slightly ground slope thus far

Wall r. butt is .57 below bound on top of "burr" behind it about .05 to right of it (P. and I)

Cleft facing the wall - but

top of wall c is .65 below same bound, in straight trend

.57

SKetch May 26:

5-2

orig corr

a', a" - fairly clear as geom. added in running against b (main 5-2-3rd terrace)

drum

leveled off the earth lower @ .90 below bound (for shield cut)

wall c wall b

Cobbles of earth + rubbed stone

Ring to see (cancel) shields from fill of wall "c"

.57

the butt was laid on solid earth + stone torn, + stones sloped up against gen'l. wall + fill behind + has in it rough earth + some small stone.

.02 = 1.00

round corner

Terrace

Base of 5-2 orig.

130

Gutter

.45° slope in 1.33'

Stairs - now shields.

A = 5th earth project may 5-2 when bare stiff with real stones = B

133

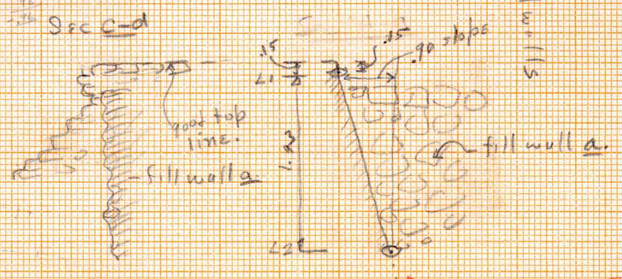
Court 1

KEUFFEL & ESSER CO., N. Y. NO. 359-14L
Millimeters.

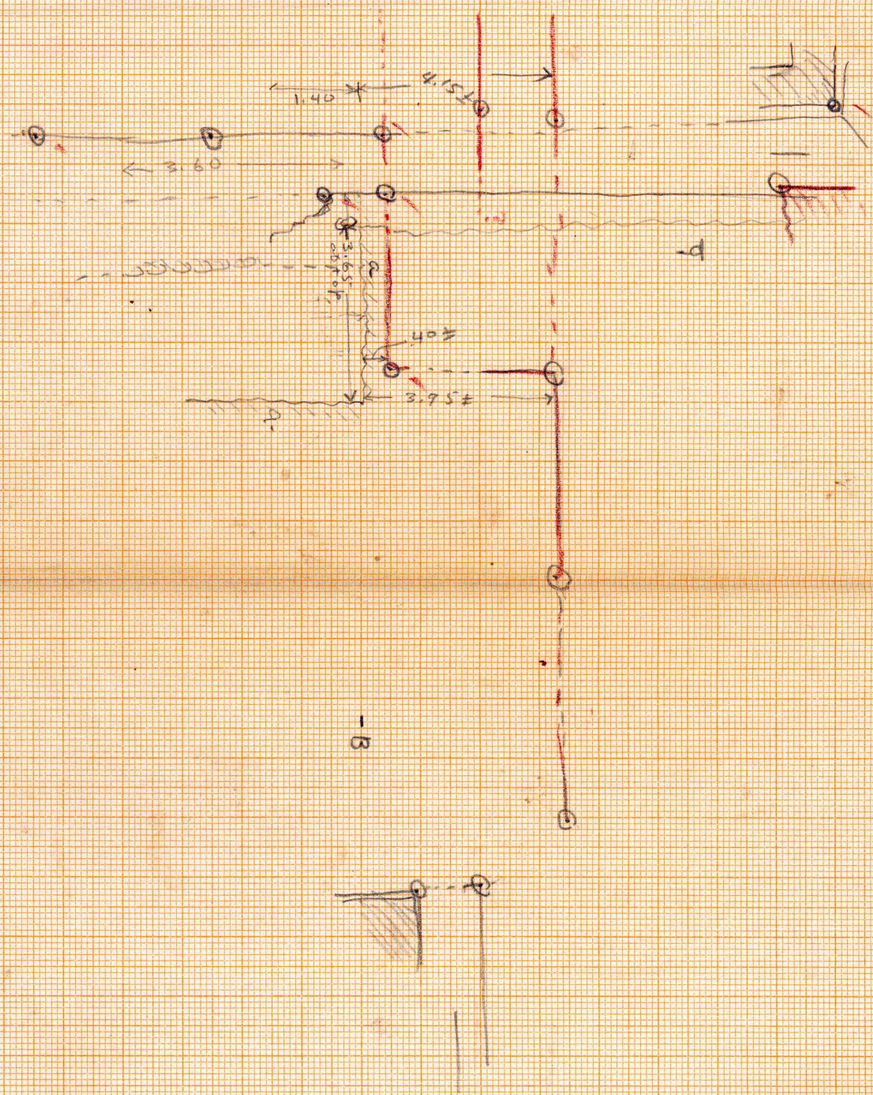
Zero = floor of temple, left room
hi = +98 (cloud sum)
L-1 read down 1.94
hi = 1.03 above L-1.
L-2 " " 2.99
diff L-1 & L-2 1.03
Slope of pipe 1.96
= 90 in 196

Sec - A-B

Sec C-D



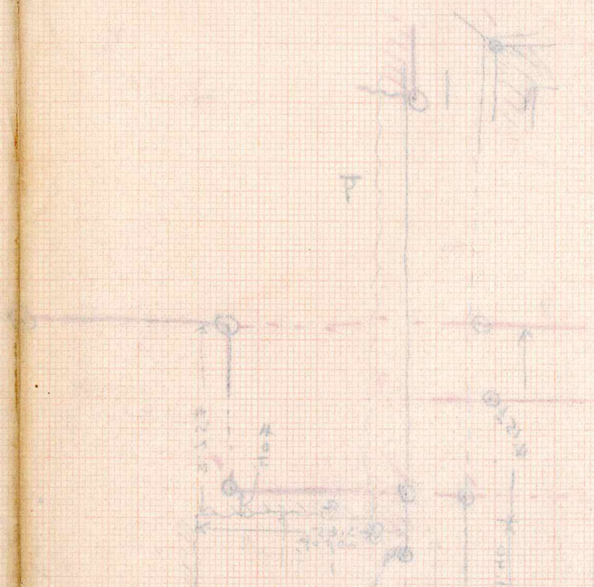
NB 1949: note the bottom of the pit & entrance

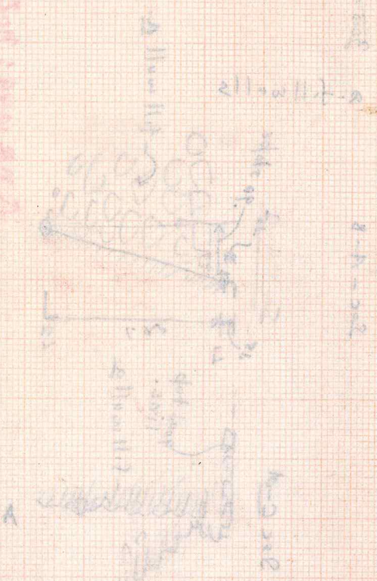


fill wall possible wooden drainage of land - may need hand dug ditch around pit to keep water out later

Court 1, 1937

Court 1 37-1





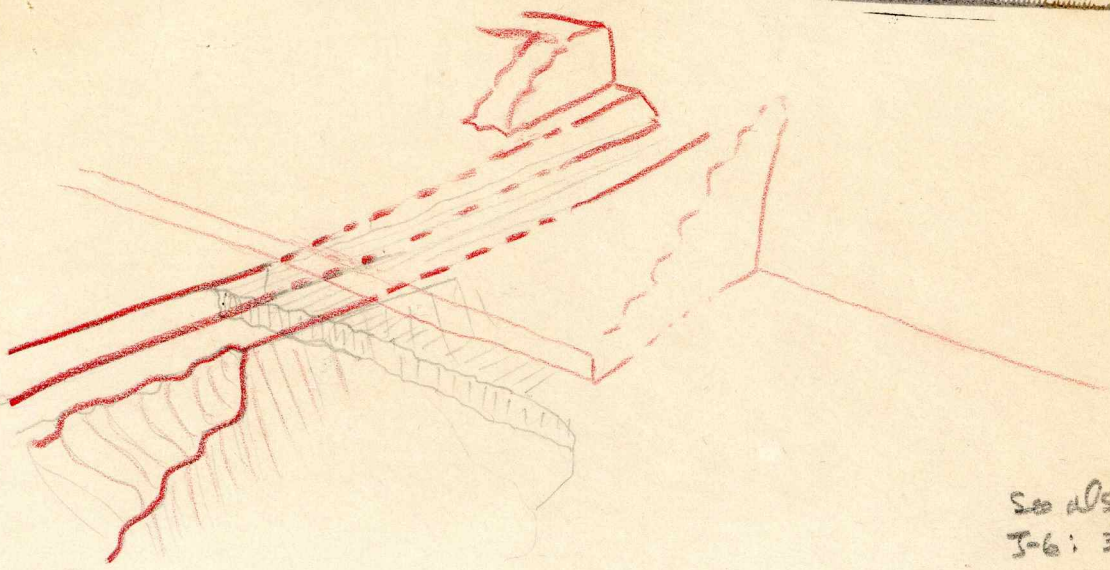
PIEDRAS NEGRAS April 27 1937 STR. Court 1

OP. No. MUSEUM CAT.

SCALE SEE PHOTO. Nos

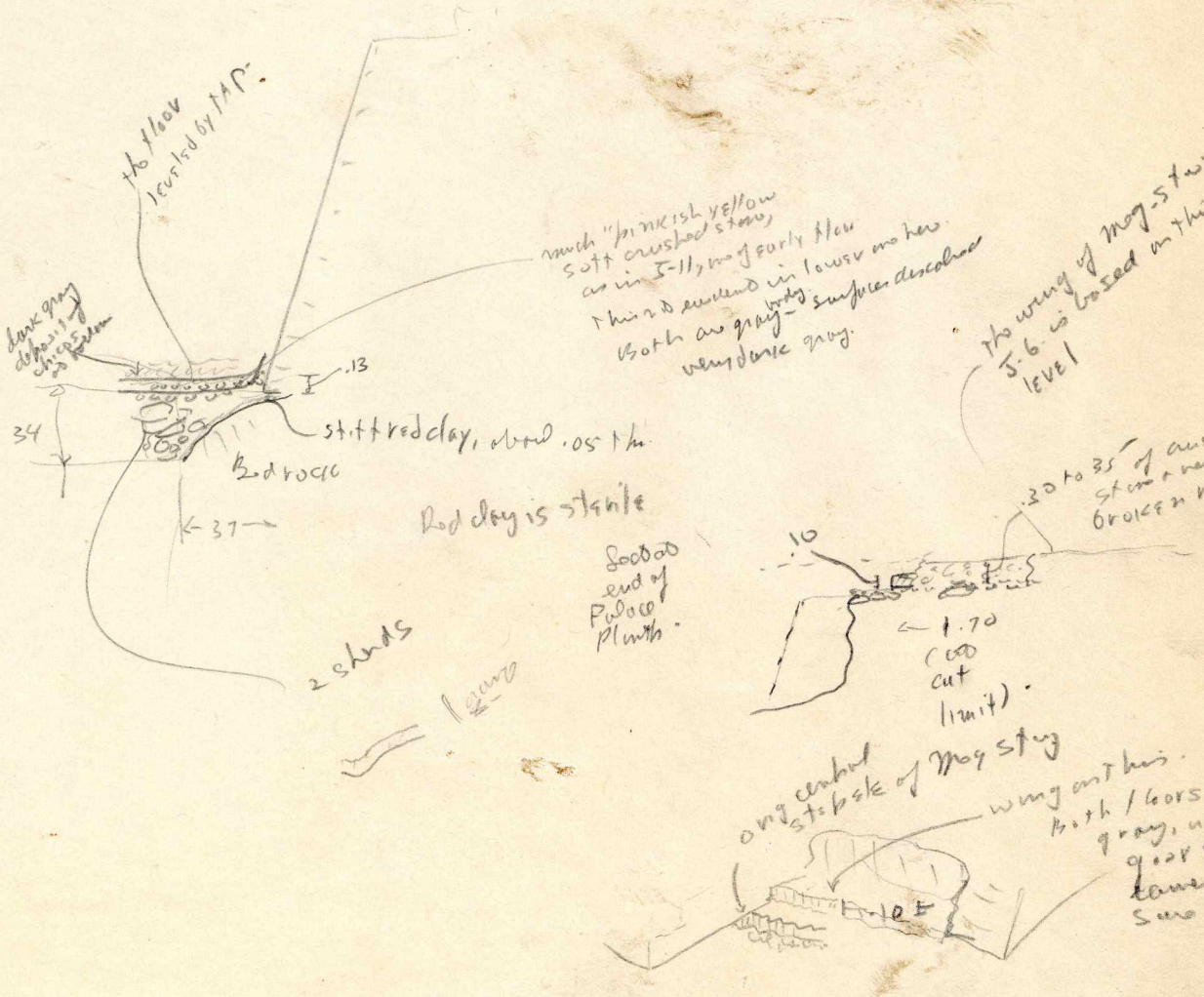
REMARKS

37-2

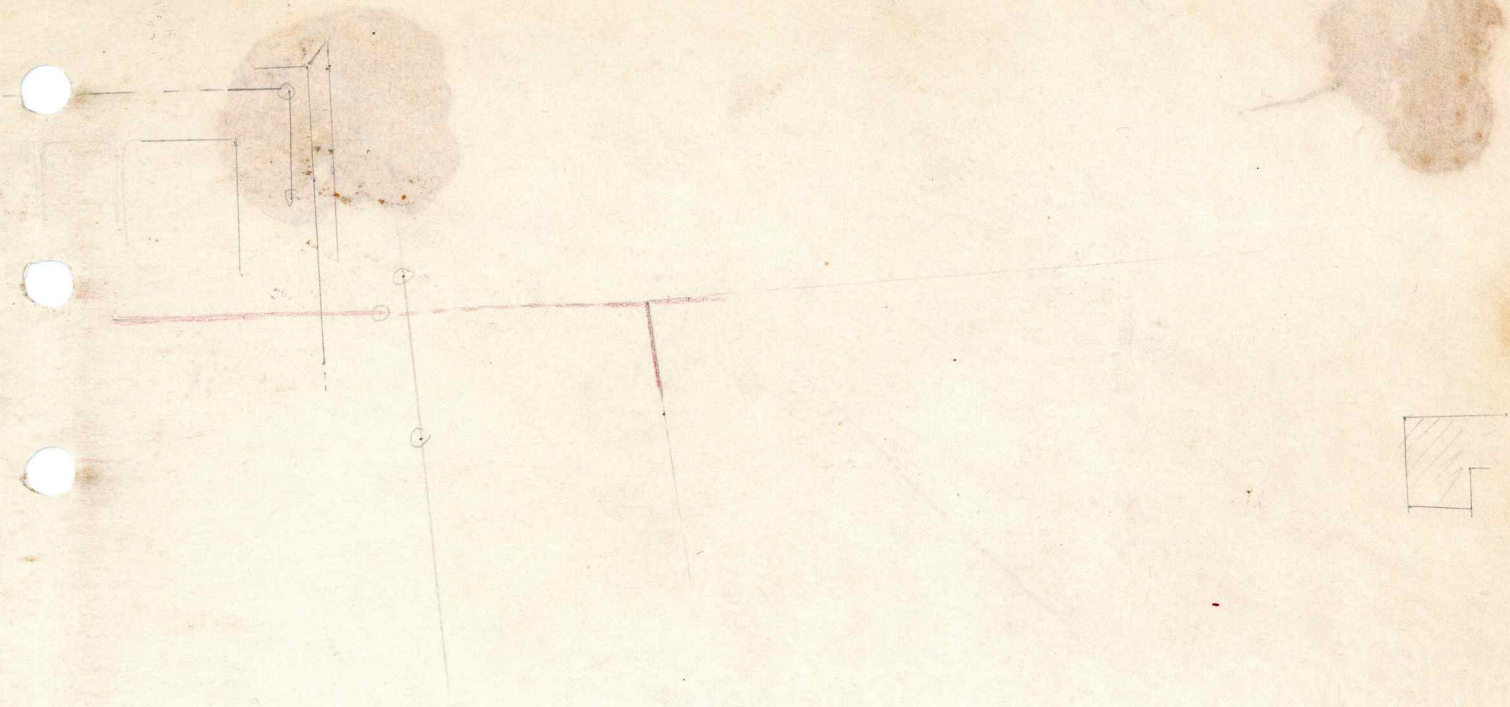


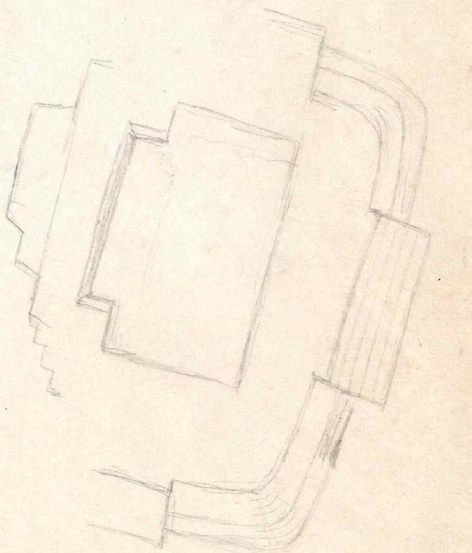
See also
I-6: 37-

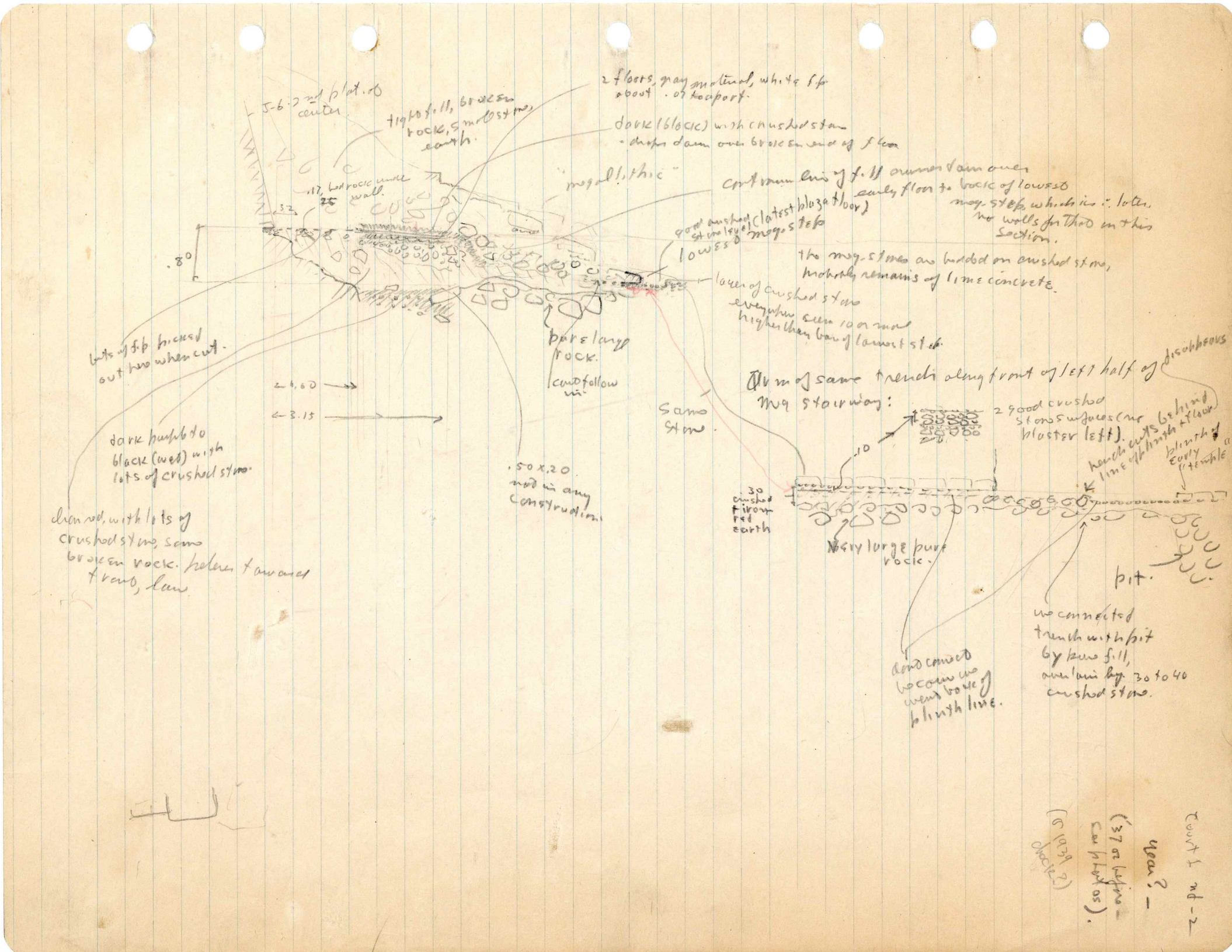
Court 1 - July 1.



Partridge Sub-Str 5-7 Gen01 rd-1
"Palace" (Gen01)






5-6.2nd plat. of center
tight fill, broken rock, some stone, earth.
.17, bed rock under wall.
.32
.25
.80
2 floors, gray material, white between about .07 to apart.
dark (black) with crushed stone
- drops down over broken end of floor
small, thick
continuous line of fill crumbles down early floor to back of lowest mog. step, which is not later. no walls for third on this section.
good crushed stone layer of latest plaza floor
lowest mog. steps
the mog. stones are bedded on crushed stone, probably remains of lime concrete.
layer of crushed stone everywhere seen 10 or more higher than bed of lowest step.
bits of fib bricked out two when cut.
bare large rock. could follow in.
4.60
3.15
Same stone.
All mog of same trench along front of left half of discobolus mog stairway:
2 good crushed stone surfaces (our blaster left).
bench cuts behind line of plinth & floor
plinth of early temple
.10
30 crushed from red earth
dark mud to black (wet) with lots of crushed stone.
.50 x .20 rod in any construction.
drain rod, with lots of crushed stone, some broken rock. below & around trench, dam.
Very large pure rock.
pit.
dead connect to become the west bound of plinth line.
two connected trench with pit by loose fill, overlain by 30 to 40 crushed stone.
Count 1 nd-2
year? -
(37 or before - Eu blasts).
(c 1939 choice?)