

COLLECTION: Papers of Frank H. H. Roberts at the National Anthropological Archives

**CDI
ACCESSION
NUMBER:** 000060

ERRATA:

COMMENTS:

CITATION: Roberts, Frank H. H.
1940 Bc 53, Field Notes - 1940. In Papers of Frank H. H. Roberts, Box 8, National Anthropological Archives, Smithsonian Institution, Washington, D.C.



NATIONAL ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

1910-11

Chaco Canyon, N. Mex. B. 53 072

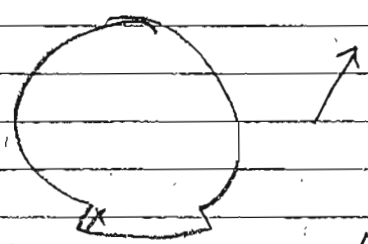
Field notes

1910-11 (includes site measurements)
R. S. E. G. H. H.

AMTIDE
SMITHSONIAN INSTITUTION
ARCHIVES

Kiva A — Metate (frag)

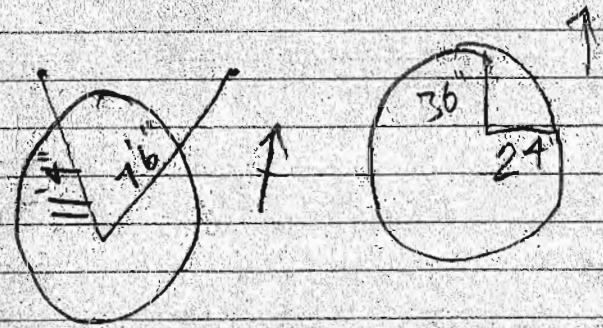
5'10" below (ca.) BVM A



against N W wall of the niche

Kiva D) — Metate Aug 27

36" below BVM 13-14-D



TRENCH A.

Aug. 5

Exploratory to define the W. edge
of proposed exploration.

Completely outside cultural material,
although toward S. end ashes & charcoal
appeared.

Dug to an arbitrary depth thought
sufficient to produce any evidence
present.

Nothing sacred.

TRENCH B.

Aug. 5.

Dug from TR. A. to pick up any
features to South of highest
part of mound.

When carried out it should meet
a N-S wall at or near a
corner.

Dug to depth of TR. A

Material dense black, harder than
TRA & little, if any, sand.

TRENCH C

Aug 5

Dug from TR A. to pick up N-S
wall near N.W. corner.

Dug to depth of TR. A.

Material sandy + sterile at first
then at feet from E wall
of TR. A a compact, hard mass
of clay with occasional stones
was encountered.

A few small shreds.

TRENCH D

Aug 5

Dug from an arbitrary point,
estimated to be outside any
structural feature.

to pick up N wall and show
relations to soil.

to pick up wall near W end.

Dug to arbitrary depth estimated
to be at level of "wash" to
N. of site.

Material sandy + sterile at first,

becoming harder + containing bones
+ cultural material at feet
from N end.

Shreds saved + sent to lab.

TRENCH E

Aug 5.

Dug from an arbitrary point,
estimated to be outside any
structural feature.
to pick up N. wall & show
relations to soil
to pick up wall near E. end.

Dug to arbitrary depth, estimated
to be at level of "wash" to N.
of site.

Material sandy, at first, becoming

NATIONAL
ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

Under & containing shells, bone,
& one bone awl at 4.5 from a
point 1 foot from N. end.

Muds sampled & sent to lab.

Bone awl to Rodent.

Laminae strangely horizontal, as
if deposition had been on a
higher level than the present
drainage lines to the "wash" to
N. of site.

TRENCH E

Aug 6

6' wall

8' to bottom of trench from top
of wall.

Shovel & bow sawed down, & aft.

Trench cut for nearly all length
to depth of 8' below top of wall.

Boneawl sacked.

Human tibia(?) found in corner, fragmentary
condition.

ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

for Aug 5

11'6" from T.R.A. to land slope
begin in T.R.C.

13' from N. end crest. wall. begin
↳ T.R.D.

9'6" from N. end crest. wall. begin
↳ T.R.E.

Aug 5th

Trench letters.

NATIONAL ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

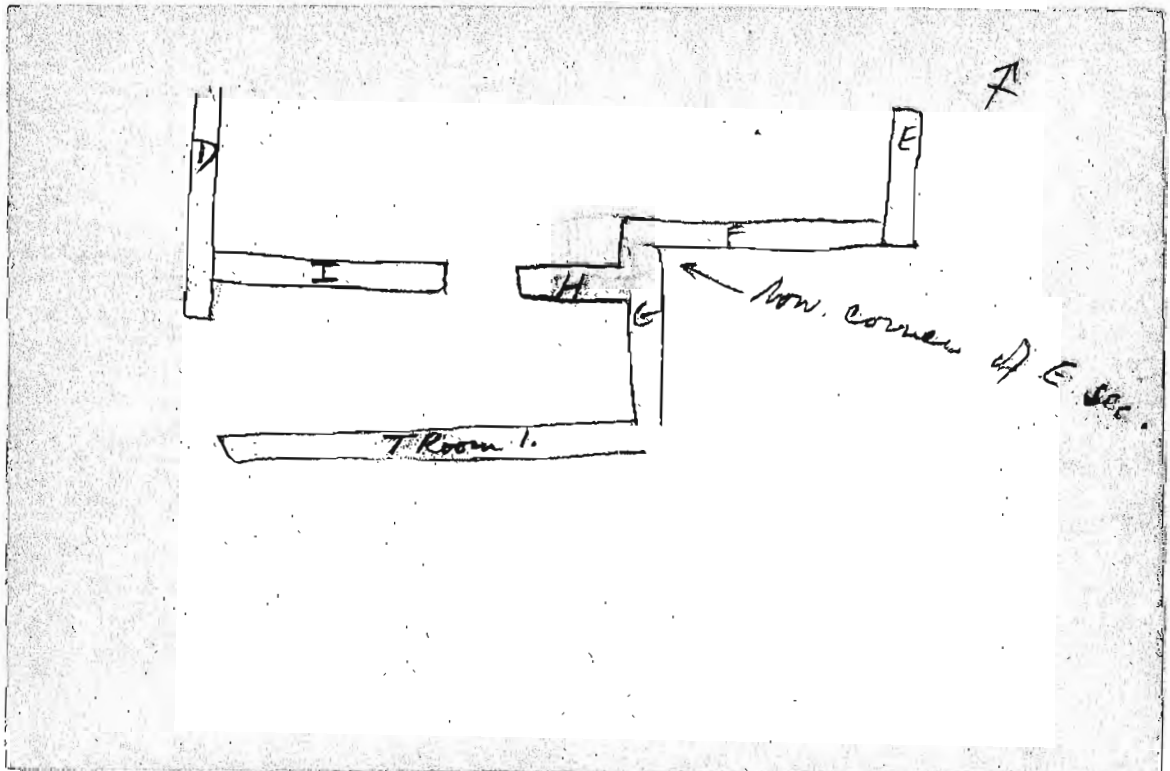
	(13.96) 87.	(13.99) 87.	(11.38) 89.1	(10.45) 90.
	(13.96) 87.	(10.79)	(8.10) 92.4	(8.20) 92.3
(15.7) 86.8	(11.29) 89.2	(6.85) 93.6	(6.60) 93.9	(6.56) 93.9
(12.02) 88.4	(7.38) 93.1	(6.11) 94.3	(5.87) 94.6	(5.35) 95.1
(103) 90.2	(8.28) 92.2	(6.56) 93.9	(5.31) 95.1	
(910) 91.4	(7.30) 93.2	(5.81) 94.7	(4.35) 96.1	
92.1	(5.80) 94.6	(5.80) 96.7	(1.35) 99.1	
93.5	95.5 ⁽¹⁾	100.		
94.6				

$$\frac{HI = .46}{BM = 100.}$$

100.46

Trench & Room Plot. Aug 6

ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

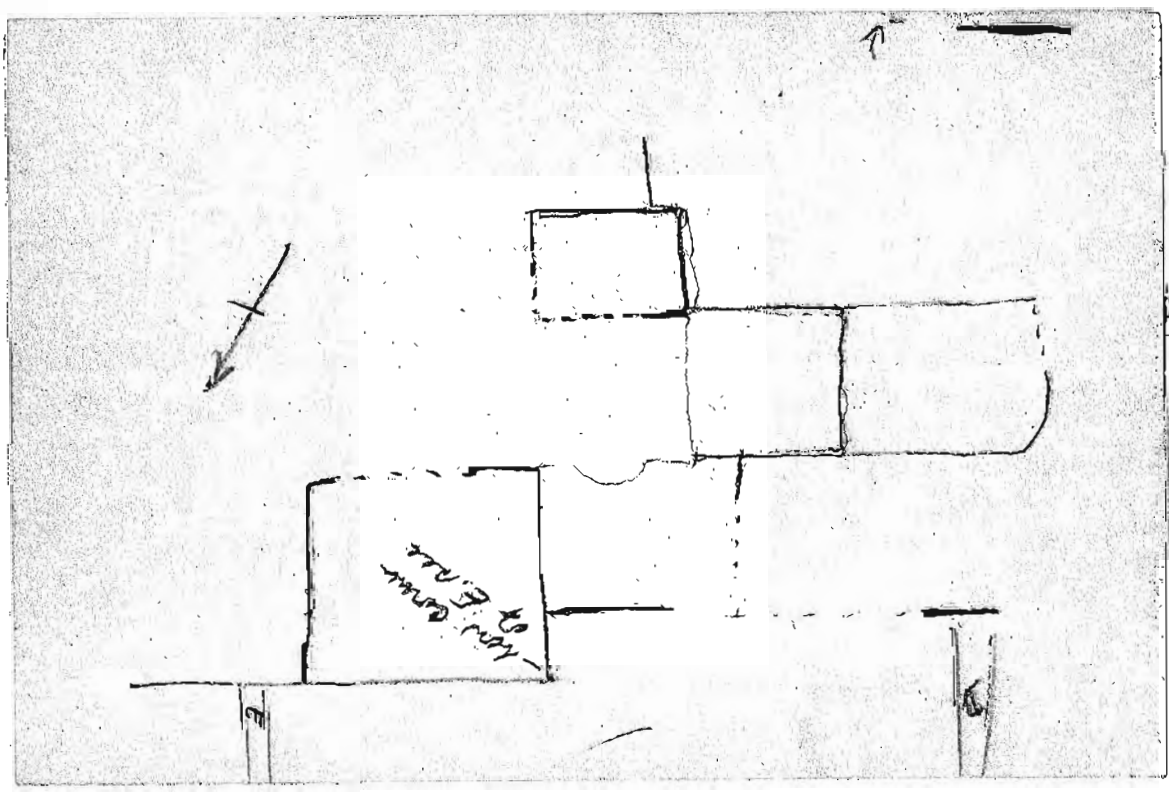


Dig outline.

Aug 6

A series of horizontal lines for writing, currently blank.

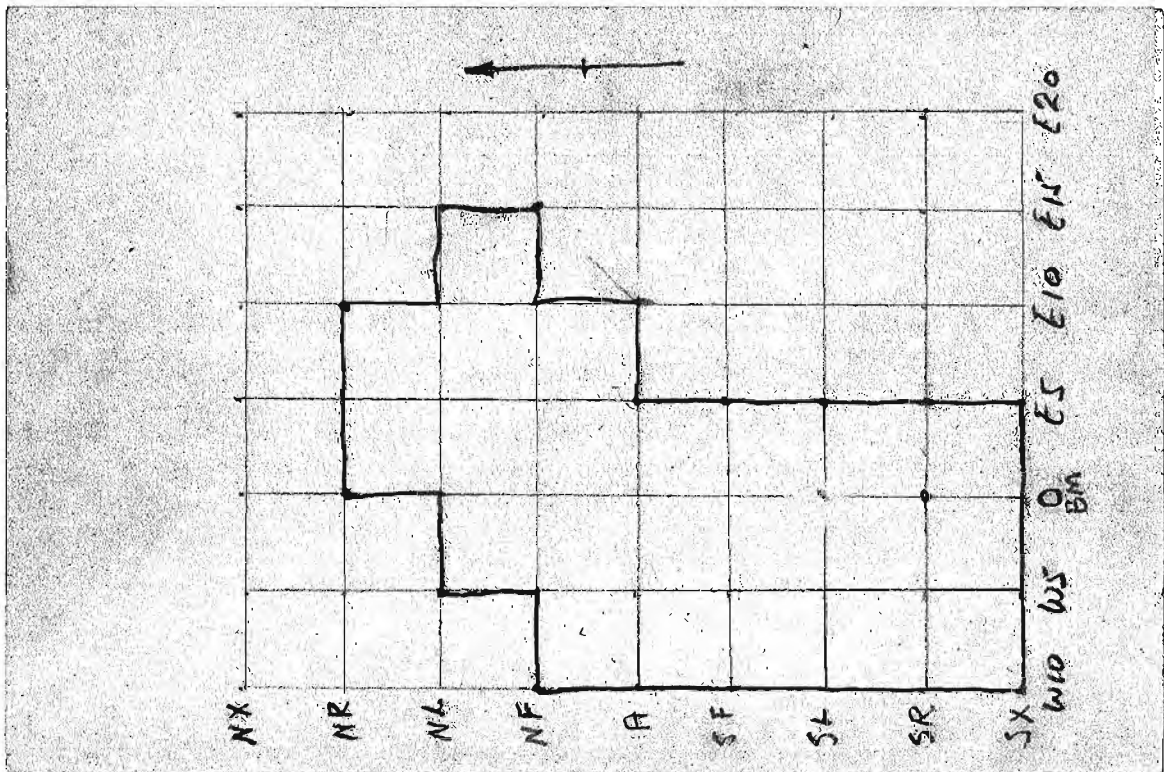
NATIONAL ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION



Field sketching

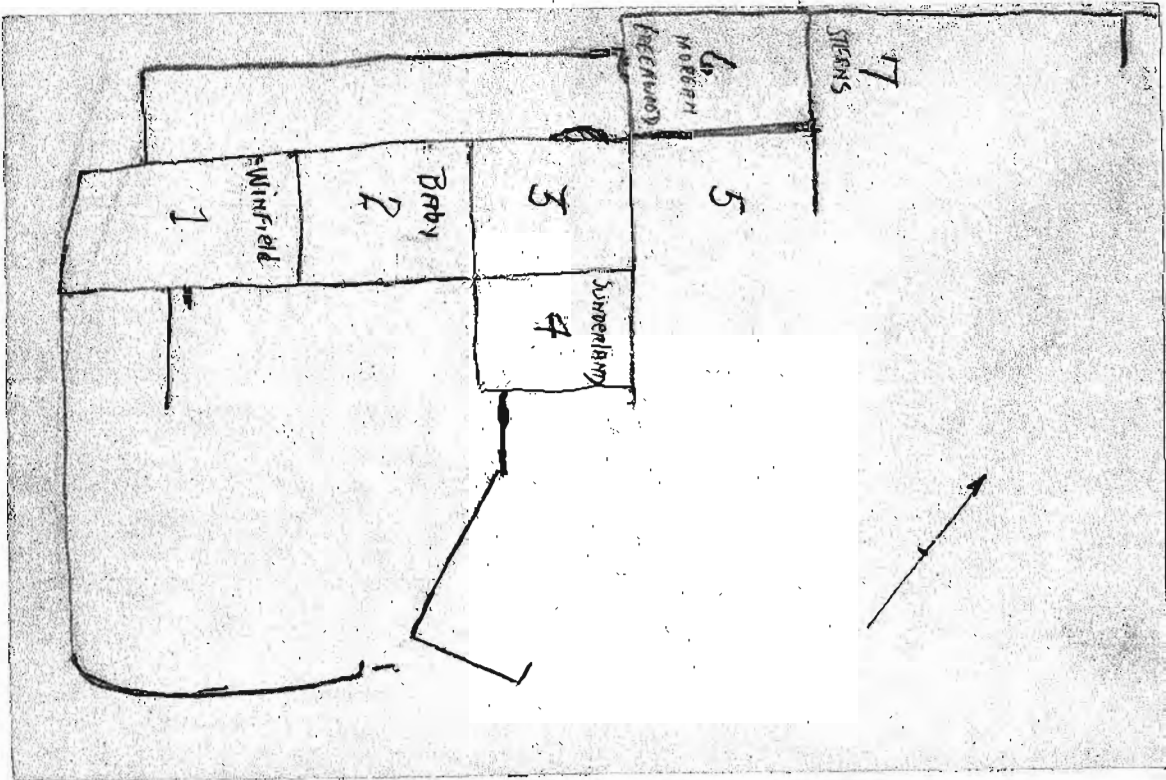
Aug 7

NATIONAL ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION



Rooms #'s + papers outline Aug 7

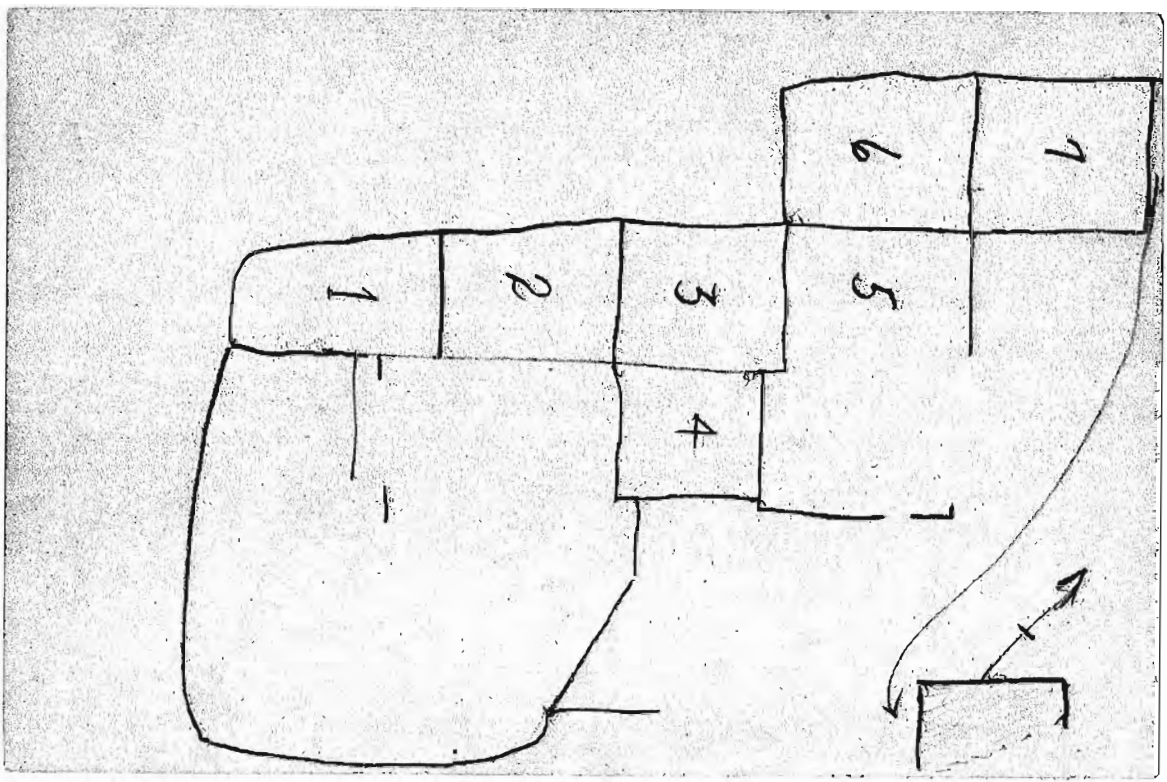
NATIONAL ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION



Outline of Rooms & Pages Sheet

Aug 8

NATIONAL ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION



Day Book

Aug 5

Welded + took off stones.

Dug 5. drainage trench.

Dug TR. A to define W. edge of project.

Started TRs. B. C. D. E.

Began to delineate N wall.

Began to outline rooms at the highest point (W. of the center).

Grid started from arbitrary BM of 100' in

NATIONAL
ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

25' lines. Staked.

Day Book.

Aug 6

Cleared dirt from dig of Aug 5.

Cut TR E to N wall of site. Dig deeper to find & go below bottom of wall.

Cut TR D to N wall of W. section of site. Either hit corner or hole through wall. Wall very low.

Continued definition of N wall of E section & found low corner

NATIONAL
ANTHROPOLOGICAL A. 3
SMITHSONIAN INSTITUTION

Followed low corner of E section to S. & found N wall (?) of W. section. It appeared very low. Followed this wall (TR H) to W.

At point where low corner of W. section appeared (TR D) TR I was run to E ca. a foot to north of wall.

Temporary Room 1 is the trench running along the N side of several rooms in the W. section (see other card).

TR B was continued E and picked

Day Book

Aug 6

(2)

up a wall on its N. face —
just from junction wall TR A.

At point where TR C stopped
Aug 5, a little traveling disclosed
the W. wall of H. W. section.

Walls of rooms in H. W. section
& 1 room in H. E. section were
outlined (see E. H. card).

The elevations on H. grid system
were taken

Day Book

Aug 7

Continued following N wall of W section
of lower structure.

Turned now corner & followed wall,
showing that it ran beneath upper structure.

Dug along N wall of W section of upper structure.

Dug along W wall of WS. Tying it up with
W wall of Room 1.

Outlined inside of W wall of WS S of TRC,
rounding corner.

Outlined outside of S wall of WS to its E

NATIONAL
ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

Corner. Here a break followed by a wall
at an angle (see the card).
Outlined inside of latter wall which went N.E.
to meet stub from Room 4.
2 stubs found running S. of S wall of
Room 1.
Rooms outlined as shown (see the card).

Day Book

Aug 8.

Cleared + outlined more rooms
(see floor card)

Assigned # + people to rooms.

Got Agapito + got John Wilhite

Cleared off N side of W. section of
upper structure (Temp Rm. 1) showing
it was nothing but rubble fill.

NATIONAL
ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

Day Book

Aug 9

Made plat map of site as it
is now defined.

Located Kiva A + began to clear.

Started to trace W. wall of W.
section from TR C southward.

Continued with clearing rooms.

Day Book

Aug 10

Continued taking down room fuel in
Rooms 1-4, 8, & Kiva A.

Further outlined the part of E section
showing the wall pass beyond (E) Room
8

Further defined lower SOW of Kiva A

Afternoon kept only Dan, Frank, & Mike who
cleaned up loose dirt.

Got boards for runways.

Found charcoal in Room #8.

NATIONAL
ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

Day Book

Aug 12

Continued going down in rooms in
morning

Cleaned up benches, shelves, rooms, walls
etc in afternoon.

Defined N side of Kiva B.

Day Book

Aug 16.

Went down in rooms.

Defined base corner of Whale site

Found bench in Kiva B

NATIONAL
ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

Day Book

Aug 17.

Went down in rooms

Outlined jaraku 5. along E wall of
site.

Found burial in R6.

Continued to get profiles in R2.

Found bench in Kiva A.

Day Book

Aug 17

Day Book

Aug 19

Found Kiva C at E end of site.
Continued walls to S.

Found floor in Room 3 + Kiva B.

Took out part of burial in R6.

Started Run. 10.

NATIONAL
ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

Day Book

Aug 20

Found floor in Kiva A + Room #8

Took out burial in #6 + located
second + parts Exposed pattern.

Took profile in #3

Went down in other rooms.

Day Book

Aug 21

Cleaned profile in Kivas A+B

Recorded profile in Kivas A+B

Found 2nd burial in Room 6

Found burial in Room 2.

Found floor in Room 10 + 7

Outlined S.W. corner of site & other walls in area.

ANTIQUARIAN
SMITHSONIAN INSTITUTION

Recorded profile in Room 8

Found prob. upper floor in Room 8.

Started to take down "L" in Room 2 + 3.

Found prob. floor in Room 6.

Found upright slab S. of S.W. corner.

Day Book

Aug 22

Rained (!) last night, but dig not
in as bad shape as was expected.

Bailed + scooped water. Dug
drainage trenches at E + W outlining
trenches.

Moved loose dirt.

Cleared floor in Run 4.

Cleared part of upper floor in Run 8.

NATIONAL
ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

Outlined a little more of S wall in
very E most section of site.

Read profiles in Run 4.

Ray Book

Aug 23.

Took down profiles in Rooms A+B, ~~Room 3~~

Continued outlining S wall of E section
to find it a square

Began Room 11.

Took down part of profile in Room 4.

Cleaned profile & followed floor in Room 10.

Took profiles in Room 1.

NATIONAL
ANTHROPOLOGICAL ARCHIVE
SMITHSONIAN INSTITUTION

Cleaned upper floor in Room 8 & when it
was preserved in "L".

Day Book

Aug 24.

Outlined Rms 11, 13, 14, Kiva D

Found floor in Rm 13, 14 + cleaned off latrine.

Went down ca 18"-2' in Kiva C in E & Jee sections.

Cleaned cap 'ventilator' section of Kiva B.

Cleaned & photoographed burial in Rm 2.

Cleaned (partially) walls & niche in Kiva A.

NOT 1941
ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

Trusler outlined S. wall of E section.

Looked a little in other rooms.

Had 9 Navahos.

Day Book

Aug 25

Went down in Room 11, Kiva C,

outlined Kiva D more.

Began to cut out dirt to E of Kiva A
in the "patio".

Rained on Sunday.

NATIONAL
ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

Day Book

Aug 26

Outlined N. end of Kiva D & went around
walls to S.

Cleared pit out of Room 4.

Cleared floor in Room 11, & part of
Room 13.

Cleared more of S plaza ("patio")

Continued in other places.

Ray Brock

Aug 27

Outlined more of Kiva D

Cleared floor in Run 13

Finished burial in Run 2.

Continued in other Runs

Took profiles in Run 11 (partly).

NATIONAL
ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

Ray Brock

Aug 28

Finished profiles in Run 11 & took down
E wing of "L".

Finished Run 8.

Outlined N. of Kiva C & complex
west of Kiva C.

Got pilasters & bench of Kiva D.

Cleared more of floor of Runs 7, 10, Kiva A +
B.

Cut profiles down in Runs 6, 2.

Day Book.

Aug 29

Down in Room D

Another infant burial in Room 6

Plotting, measuring, taking out "L's, going
also, floors.

General haste & confusion

Cut a little more out of "patio".

NATIONAL
ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

Day Book.

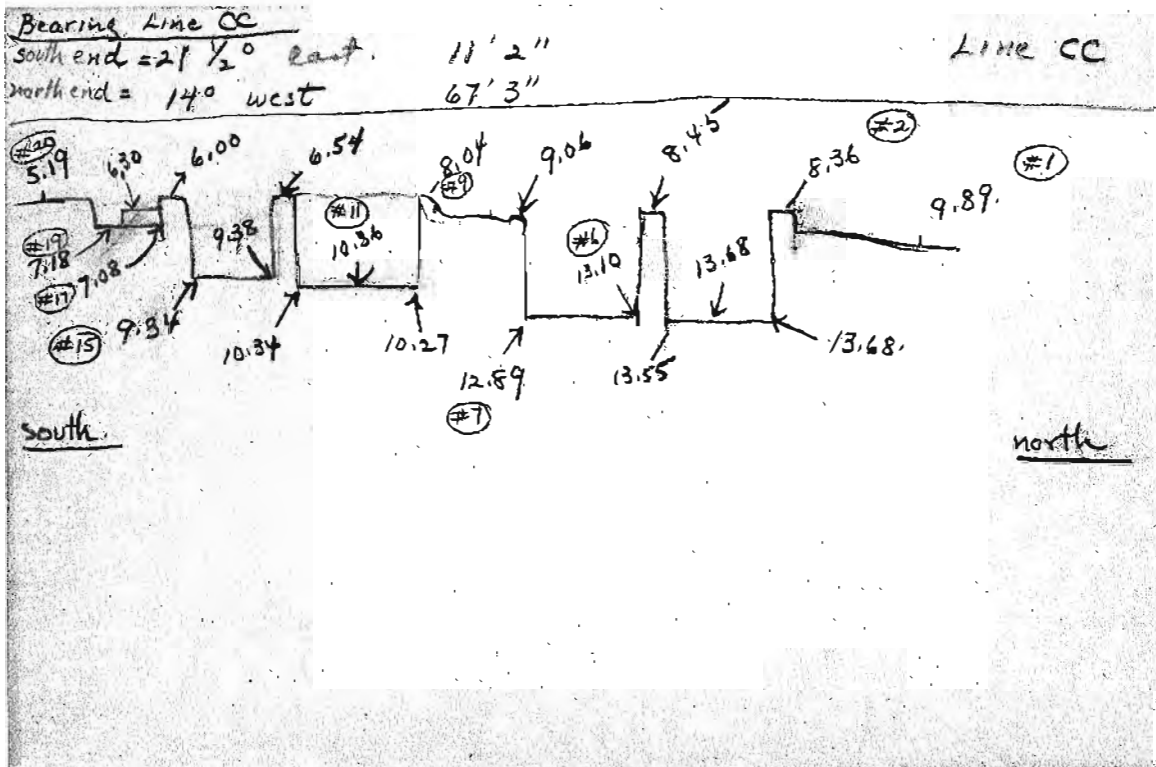
Aug 30

Continued finishing up, clearing, Rooms 3, 6.

More bones & pots in Room 7.

Finished plat map. Shot levels on Rooms,
took cross-sections.

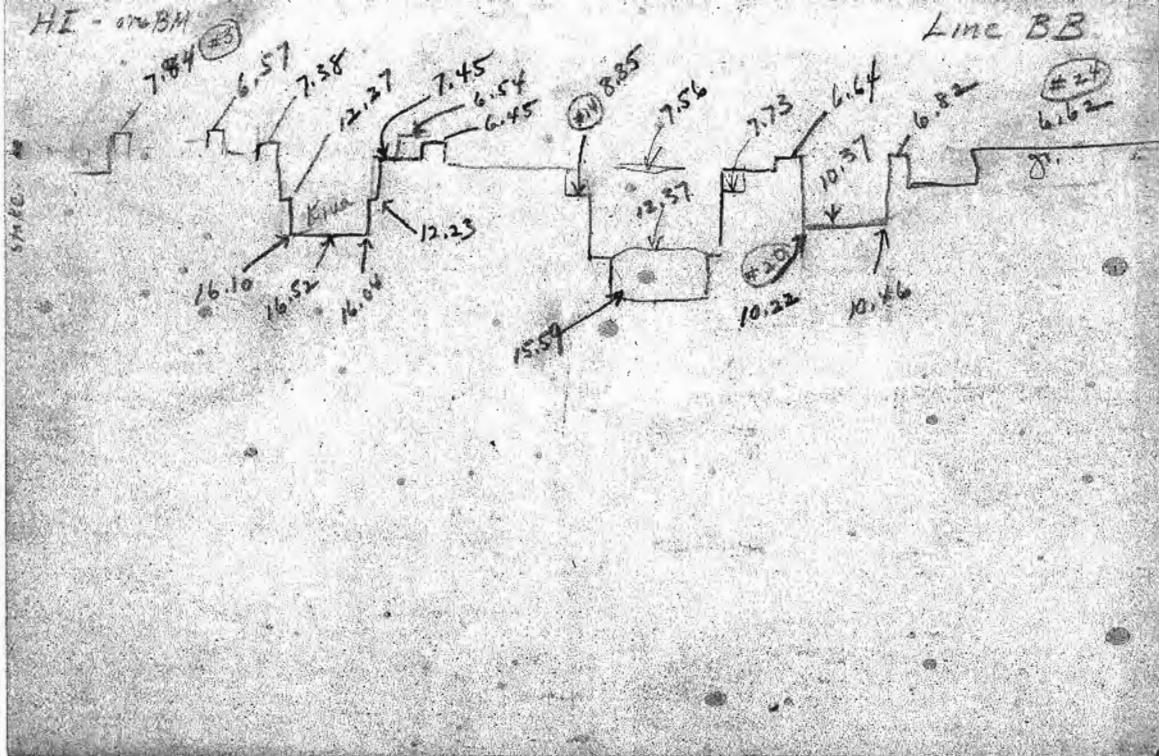
Opened "patio" more, also Room C.



NATIONAL ANTHROPOLOGICAL ARCHIVES
 SMITHSONIAN INSTITUTION

8/30/40 HI 185 LINE CC

1. north end Line CC	9.89	14. south side of wall	9.38
2. top center wall	8.36	15. n. side of wall beyond hole	9.34
3. s. side wall - beyond hole	13.68	16. top of wall	6.00
4. center room	13.68	17. s. side wall - in bin	7.08
5. n. side wall	13.55	18. high pt. Bin wall	6.30
6. s. side wall	13.10	19. outside of bin, south	7.18
7. n. side of wall	12.89	20. south end Line CC	5.19
8. theoretical top of wall	9.06		
9. top of wall	8.04	LINE CC	
10. south side of wall	10.27	s. end = $21\frac{1}{2}^\circ$ east, 11' 2"	
11. center of room	10.36	n. end 14° west, 67' 3"	
12. n. side of wall - through	10.34		
13. top of wall	6.54		



HI 185 8/30/00 Line BB

shot	distance	ht.		ht.
1. BM #100 - 22° w of south				
2. west end line BB 7 1/2° s. of west	69' 2"			
3. east end line BB 17° east of north	44' 7"			
1. west end BB	9.20	11. center of Kiva wall	7.45	
2. west side wall	10.55	12. SW corner room #4	6.54	
3. top center wall	7.84	13. center of spur	6.45	
4. " " "	6.57	14. pilaster west	8.85	
5. " " Kiva wall	7.38	15. sipping floor at west bankette	15.59	
6. Bankette-top in Kiva	12.27	16. Bankette-north wall	12.37	
7. west-Kiva wall-base	16.10	17. north wall	7.56	
8. center of Kiva	16.52	18. east pilaster approx	7.73	
9. east base Kiva wall	16.04	19. center of wall	6.64	
10. Bankette	12.23	20. east side of wall	10.22	

21. center room	10.37
22. west side of wall	10.46
23. top center "	6.82
24. east stake	6.62

HI- .85

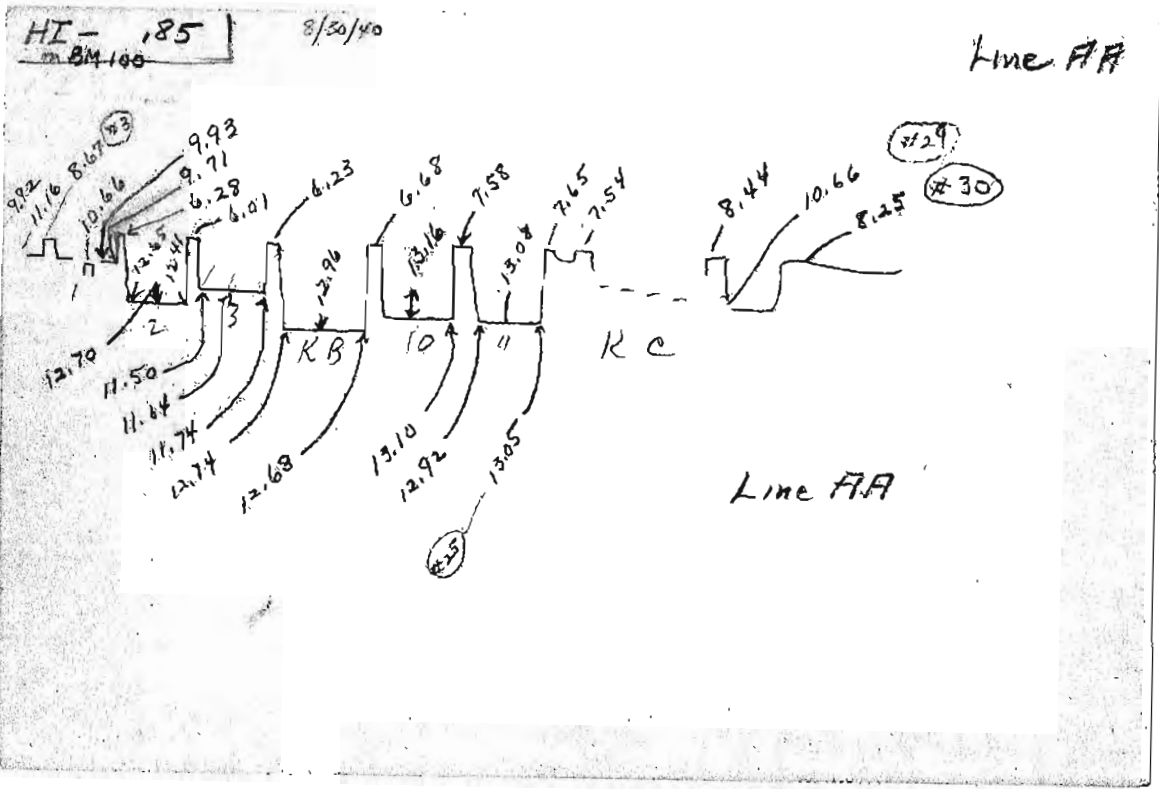
BM 100

Line A.A. (see plat map)

2.-			
3. top center wall-	8.67	15. top wall - center	6.23
		16. outside wall - Kiva	12.74
4. center lower wall.	-10.66	17. center - Kiva	12.96
5. middle room	9.93	18. west wall Kiva	12.68
6. west side wall - base	9.71	19. top center Kiva wall	6.68
7. top center wall	6.28	20. center of room	13.16
8. side of wall	12.65	21. west side wall	13.18
9. center above mass	12.70	22. top center wall	7.58
10. west side wall	12.41	23. east side of wall	12.92
11. top wall	6.01	24. center stone against n. wall	13.08
12. East side of wall	11.50	25. W. side wall in room, part	13.05
13. center of floor	11.64	foundation possible for	
14. W. side wall	11.74		

NATIONAL ANTHROPOLOGICAL ARCHIVES SMITHSONIAN INSTITUTION

26. top center room wall	7.65
27. top center Kiva	7.54
28. top center Kiva wall	8.44
29. outside Kiva wall	10.66
30. east end stake - ground surface	8.25



NATIONAL ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

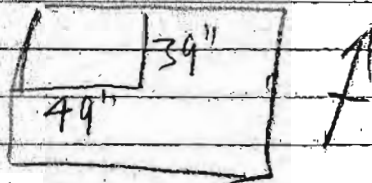
Bench Marks
BM 100 = arbitrarily set at +100'

H.I.	.85
TBM-2	6.40
TBM-A	6.80
TBM-234	5.71
TBM-A'	6.42
TBM-7	7.25
TBM-6B10	6.66
TBM-11	7.26
TBM-8	8.42
TBM-13-14	6.48

Room 11 — Metate Aug 26

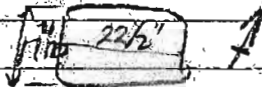
Upside down

44" below BM 11.



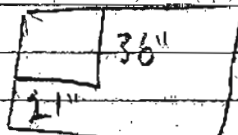
all meas. to center.

not material of clods
below slab of metate.



NATIONAL
ANTHROPOLOGICAL ARCHIVES
SMITHSONIAN INSTITUTION

Room 11 Metate (broken) Aug 26



5' 6" below BM 11

meas. to center.

seems to be broken with the 2" part
chipping Ave. down toward floor.