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NATIONAL
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Papers of Neil M. Judd

Chaco Canyon Notes, Notebooks, and Note Cards

Note cards, Pueblo Bonito, Notes on
excavations

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Box 8

Room 218 218

At SE corner of Kiva A, between R. 150 & 217. Not previously excavated.
Measure^{W x H} E, 13'10", S, 8'8", W, about 7'10" to Kiva A. corner, base 33" thick.
North wall formed by Kiva A. Highest standing wall, on S, is 40". Top 7" int.

Masonry generally of 3^d type, i.e., laminate s.s. masonry alternating with bands of richer blocks some of which are finished s.s., dressed by pecking & smoothing. Walls had been plastered; smoke stains show above SE fireplace. Floor level slightly below that of R. 217.

Doors: one, 26" w. x 31" fr. SW. cor., opened^E into R. 217. Door 27" w. with sill @ floor level, once opened^E into R. 150; it is now blocked & stands 5'9" fr. SE. corner.

Fireplace: 15" dia., stands 21" fr. E. wall & 22" fr. S. wall. It is plastered & rimmed with adobe; was filled with wood ashes.

Fill chiefly of poorer masonry & blown sand; in this was found a small mice. Lot of shreds, nothing else.

8/14/25 Subfloor tests reveal sub. unplastered wall, 15" w., emerges from under E. wall 6'1" fr. S.E. cor. & passes under W. wall 2'4" fr. SW. corner.

R. 218-x

This subfloor wall is a straightened continuation of the curved subfloor wall noted in R. 150.

West wall, without masonry foundation, rests on mixed debris of occupation & reconstruction which abuts Kiva A. Dressed laminate blocks occur in outer face of Kiva A curve which is well finished. East wall, @ floor level, rests on 16" high foundation with debris of reconstruction beneath. Smoked plaster on S. wall rounds off to floor 27" below that of room. South wall masonry continues 5" below this lower floor & rests on foundation 11" h., inset 1".

Lower floor immediately overlies an apparent drain masonry walls of which are 5" h. x 6" w. & set 9" apart. Slab floor space between walls; no plaster. East end of both walls now razed directly beneath E. wall of room; W. end razed @ average of 39" fr. W. side. East end of S. wall of the pair lies 15" fr. SE. corner; W. end of same wall was broken away @ point 6'1" fr. SE. cor. of room & 3'10" fr. SW. corner.

R. 219

7/22

At NW cor. of Room B, E. of R. 144. Not previously excavated.

Measurements: N, 10'10"; E, 17'9"; S, 10'; W, 17'6". Highest standing wall @ N, is 4'6".

Masonry: Of 3rd type, probably late; limited laminations of brickwork. Large, friable s.s. blocks. Walls were plastered; inside ^{of} stone @ N. end.

Doors: One, 6" above floor, opened thru W. wall 7' fr. NW corner; originally 26" w., it had been reduced by secondary joints of stone. That on N, 3 1/2" thick; that on S, 4". Sill also of stone.

East door @ floor level, 5'7 1/2" fr. NE. cor., was 31" w. & 25" across sill.

Recess in W. wall, 16" above floor & 26" fr. NW. cor., measure 10 1/2" w. x 9" d. x 10" h.

Fireplace, 16" sq. & ash filled, in NW. corner; its floor, @ depth of 6 1/2", is an earlier R. 219 floor which, on E. side of room, is only 4" below latest floor level.

Fill of fallen masonry & blown sand. Floor is 14" above that in R. 144.

Subfloor: ^{Earlier} Apparent original floor of R. 219 noted @ base of its S. & W. walls, 30" below latest floor level. On this lower (30") floor, a wall

R. 219

Continuation of this wall of R. 219 is on floor @ depth of 5" - other @ depth of 5'6"

fgts, now only 2 courses high but 19" w., passes under S. wall of room 6'7" fr. its SW. cor., & under N. wall 7'1" fr. NW. corner. Built against N. wall, 24" fr. NW. cor., on an apparent floor level 25" below latest in R. 219, is a masonry-lined, unrimmed fireplace 38" E-W x 17" w. x 10" d.

7/26

Subfloor tests seeking continuation of parallel walls noted under West Court & under R. 144 revealed a number of earlier levels & related wall fgts. beneath floor of R. 219, as follows:

(1) Floor @ depth of 5'7" is associated with E-W pair; S. face of S. wall of pair emerges from under W. wall of room 4'5" from SW. cor. & passes under E. wall 5' from SE. corner. The pair had been raised 18" above their floor & directly overlaid by a later floor, 49" below that of R. 219.

(2) Floor @ depth of 49" rounds up to plaster on several partly raised walls of indeterminate masonry each of which rests on a ^{18"} foundation that stands on floor @ depth of 5'7". These wall fgts. are: (a) one, approx. 8" h., whose E. face passes under S.

R. 219-3

side of room 10" fr. SW. cor. & whose side foundation, 12" h. & offset 7", abuts S. wall of E-W. pair; (b) one, 3' h. & 14" w., emerges from under E. side of room 7' 10" fr. NE. cor. extends W. 7' 2" where, under the 11' h. it lies with a N-S. wall, 17" w., that passes under S. end of room 6' 5" fr. SE. cor. (on a foundation that abuts S. wall of E-W pair); (c) a continuation of the single E-W. wall (14" w.) abuts W. side of the N-S. wall, overhangs by 3" the N. face of the N. wall of E-W. pair (the overhang is supported by a masonry foundation, 6" w., built against lower wall) & passes under W. side of room 8' 2" fr. NW. corner (on N. side of this E-W. extension, 7" above its associated floor, is another pavement in which, 22" fr. W. side of room, is an oval, concave basin, 10" E-W. x 4" w. x 7" d.); (d) a N-S. wall, av. 18" h., on a 12" h. foundation that abuts E-W. pair, ties with the single E-W. wall 3" fr. E. side of room & (9' fr. SE. cor.) its plastered face (containing a low recess, 11" h. x 12" w., the lintels of which were lost when wall was razed) continues with S. face of ^{single} E-W. wall & rounds off to their common floor, @ depth of 49"; (e) a plastered & smoke-stained

R. 219-4

well, 8" w., emerges from under E. side of room 7' fr. NE. corner & closely paralleling E-W. wall for 14", turns N. as a wall 13" w. to pass under N. end of room.

The E. wall of R. 219 abuts & overlies the 36" h. ^{single} E-W. wall fgt. which stands above the E-W. pair & rounds off to floor @ depth of 49".

Room 220

3 cards

7/3/21

At NW. cor. of Kiva B; E. of R. 219. Not previously excavated.

Measures: N, 13'1"; E, 6'6" to kiva curve; W, 13'8" to broken end (4'6" N. of S. wall in R. 219) Highest wall, @ NW. corner, stands 40". Kiva curve probably formed S. wall. As last used, an open court.

Masonry of large, friable s.s. with limited laminate chinking — probably to be classed as degenerate 3rd type using material from razed walls. Walls were plastered; 4 coats show in NW. corner. Kiva B. curve has fallen to 2' below R. 220 floor level. East wall abuts N.; NW. corner tied.

Doors: One, 23" w. & 11" above floor, ^(blocked) opens into R. 217, @ N, 13" from NE. corner. ^(partly blocked) Second door @ W, opened into R. 219. ^E Flood door probably opened thru now fallen E. wall into R. 221.

Recess, 11 1/2" w. x 10" h. x 11" d., lies in W. wall, flush with NW. cor. & 10" above floor; it is plastered inside & its outer edges neatly rounded.

Finds: 2 manos; 1 hammer; frags. of 2 metates; misc. sherds, bird & mammal bones. These not saved.

R. 220 - 2

8/6/26

Subfloor: Earlier floor, ^{note} 5" below, immediately upon 4" w. N. wall offset. On this earlier floor, 30" fr. N wall & 19" fr. E., rude, plastered fireplace 25" d. x 36" dia. @ top & 30" dia. @ bottom. N wall masonry extends 24" below offset & includes laminate s.s. chips to approach 2nd type construction. On floor @ depth of 24", masonry-lined & plastered fireplace 4'2" d. x 34" w. x 41" N-S.; it is 26" fr. NW cor. & it ^{extends under} ~~underlies~~ N wall offset by 4". 4" w. offsets on E & W sides, ^{of pit} 3" below room floor. Pit filled with chunks of burned, friable s.s. & burned sand. 24" fill debris reconstruction between floors. East wall on 2-course foundation, rests on N offset. West wall has 2" w. offset @ same level & tying with that of N. but W founda. extends 35" below its offset.

Paralleling N. wall @ dist. of 6' & razed flush with floor is founda. that may mark position of former S. wall; it crosses room & continues under E side where it

R. 220-3

rests upon 9" of ashy sand that overlies a partly raged, plastered & sooted wall 6" th. This latter emerges from under E wall 5'10" fr. NE cor. & 8" beyond, turns N., finished on W side only, to pass under N wall 6" fr. NE corner.

Plastered & smoked N face of partly raged wall 8" th. emerges fr. under W side 41" below offset & 7' fr. NW cor.; its plastered S. face abutting ragged end of a 14"-w. subfl. wall protruding fr. 49" level in R. 219, extends E 47"; thence S. 17"; thence SW 27"; thence W 32" to pass under W side 11'11" fr. NW cor. West end this alcove is plastered; is founded for R. 220 W wall & is studded by several protruding stones.

Upper 4' of Kiva B. overhangs by 7" plastered SE angle of alcove. Alcove walls were raged 17" above their assoc. floor which lies 5'9" below W wall offset & overlies S. wall of sub-fl. E-W pair crossing W Court & under R. 219. This pair was raged 20" inside R. 220.

Room 221

3 cards

7/3/21

At NE. corner of Kiva B., between Rs. 220 & 151; S. of R. 218. Not previously excavated.

Measures: N., 13'; W., 6'9" to approximate outer curve of Kiva B.; E. wall continues 21'4" to S. end of R. 152; lack of S. wall suggests use of room as open court. Highest wall, in NE. cor., is 3'7".

Masonry of friable s.s. blocks, obviously from raged walls, in what may be degenerate 3rd type construction. NE. cor. tied; W. abuts N.

Door, 25" w. & 4" above floor, opened ^{thru N. wall} into R. 217 @ 16" fr. NW. corner; later blocked.

Fireplaces: Central pit, 3'7" E-W. x 28" w. x 31" d., masonry lined; its inner NE. cor. is 5'6" fr. NE. cor. of room & 9'6" fr. NW. cor.; its inner NW. cor. is 8'6" fr. NE. cor. of room & 6'10" fr. NW. corner. Pit filled with burned sand & small amt charcoal. Second fireplace, on same floor level 22" fr. E. wall & 4' fr. N. wall, is 2'l. x 18" w. x 7" d., ash filled. Third fireplace, against N. & W. walls, is 18" N-S. x 16" x 7 1/2" d.; its S. end is a slab on edge. Fourth fireplace, against W. wall 2' fr. NW. cor., is 23" N-S. x 19" w. x 13" d. & slab-lined. South slab is a metate with grinding surface out.

R. 221-2

Finds: Small lot misc. sherds & 1 metate frag. — not saved.

8/2/25 Subfloor: Foundations of N, E, & W. walls are of good masonry & apparently represent ^{repairs to the} partly razed, ^{walls of an} earlier rooms. N. & E. foundations, 27" h. & offset 5 1/2" & 6 1/2" respectively from walls of R. 221, rest on & slightly overhang the partly razed walls of ^{this} ~~an~~ earlier structure; W. foundation, 20" h. & offset 17" fr. room wall, likewise rests on earlier wall.

Subfloor room, with floor 5'2" below that of R. 221, is represented by unplastered, ~~dark~~ smoke-stained walls supporting masonry which serves as foundations for N, E, & W. walls of R. 221. Lower W. wall parallel that of R. 221 but curves E. slightly to join outer curve of Kiva B. & 3' fr. N. end, bends NE. to abut ~~lower~~ lower N. wall 20" fr. NW. corner of R. 221. South wall, 20" w., abuts lower E. wall 9'7" fr. NE. corner of R. 221 & extends W. 5' to join, by patchwork, Kiva B. curve. This patchwork, & curved S. end of lower W. wall,

R. 221-3

suggests alterations ^{continued} & occupancy of subfloor room after completion of Kiva B. Smoke on masonry overlying these partly razed, lower walls strengthens this belief. In S. wall of subfloor room, @ its floor level & 8" fr. SE. corner, is a ventilator opening, 14 1/2" w. x 19" h. to stick lintel, connecting with outside shaft, 13" E-W. x 10", finished in inside only. East wall of subfloor room is of 2nd type masonry; others are nondescript. Lower room filled with blown sand & against S. wall, small quantity of debris of reconstruction; small amt ash in middle fill.

At point 5'6" fr. NW. corner of R. 221, W. wall of subfloor room abuts a still earlier wall, emerging fr. under R. 220. This latter was broken off flush with face of lower W. wall but it is traceable, with plaster adhering part way across floor of subfloor room.

Room 222 / 3 cards

7/3/21

West of Kiva B.; S. of R. 219; E. of R. 143. Not previously excavated.

Measures: N, 9'10"; E, 16'11"; S, 8'8"; W, 17'1". Walls mostly fallen.

Masonry: Of 3rd type construction, i.e., large dressed blocks of friable s.s. separated by relatively thin bands of laminated s.s. Larger dressed blocks used in N. wall. Very little chinking. E. & W. walls abut on S.

Doors: One, 25" w. & blocked, formerly opened thru W. wall @ floor level 7'1" fr. NW. corner, ^{25" w. floor level} Second door, 28" w. & now blocked, once opened thru S. wall into R. 140 @ point 3'6" fr. SW. corner, ^{31" below floor, 28" w.} This door appears to have undergone successive repairs.

Fill is debris from fallen walls & wind blown sand.

Subfloor: N. wall foundation, 21" h., has 5" offset 8" below room floor; abuts E. wall & foundation. East wall ^{@ 5' end} overhangs by 5 1/2" the plastered & smoke-stained face of a partly razed earlier wall apparently of 3rd type construction.

On ^{earlier} original floor of room, 5" above N. wall offset, are ⁽⁴⁾ several slab-paved basins, each with a single s.s. slab on edge @ W. side: (1) Against S. wall, 3'4" fr. SW. corner, basin approximately

R. 222-r

10" x 17" N-S x 3 1/2" d., with a manoa on edge @ W.; (2) 9" fr. W. wall & 3'6" fr. S. wall, a basin approx. 11" x 14" E-W, with a W. slab 8" h.; (3) 33" fr. W. side & 45" fr. S., a basin 12" square, with W. slab 2 1/2" h., & underlying it & floor slab, 2 hewn planks 3" w. & 7" w. x 20" long, now much decayed; (4) 37" fr. W. wall & 6'1" fr. S., a basin 12" x 14" N-S, with its W. slab also 2 1/2" h., & beneath its floor slab, several others including part of a tabular metate 26" w. x 1 1/8" thick. Beneath this original floor, a fill of debris of reconstruction overlay an earlier floor, 22" below that of room. In this fill were several manoa & hammerstones.

On this earlier floor, ^{@ depth of 22"} a single course of stones, mostly dressed s.s. blocks from razed walls, forms a rude foundation, 17" w., that passes under N. foundation 6'10" fr. NW. corner & abuts S. wall of room 6' fr. SW. corner.

Room 222-3

7/10/25

Subfloor wall, 16" w., emerges fr. under N. foundation 31" fr. NW. cor., extends S. 32" then turns @ right angles to pass under W. side of room. Abutting this corner, N-S wall continues S. to abut S. wall (@ W. jamb of blocked S. door) 35" fr. SW. corner; E-W wall continues E. to pass under E. wall 27" fr. NE. corner. Plaster on E. face of N-S. wall rounds off to that on E-W wall & connects with floor 3'6" below that of R. 222; plastered E. face of S. half of N-S. wall rounds off to that on lower S. wall of room. These subfloor walls, razed to within 18" of their floors, suggest former rooms here were sacrificed upon construction of Kiva B. Base of S. wall masonry lies @ this lower level but charcoal in sandy earth is noted below. Rebuilt S. door ^{sill, 31" below R. 222 floor; ignita 4'5" h.;} shows ~~jamb over to h.~~ ^{lintels gone.}
E-W subfloor wall abuts & overlies ^{the} partly razed, earlier N-S. wall, which 16" w., which parallels W. side of room @ dist. of 36".

Room 223

1 card

7/19/21

Triangular room @ SW. corner of Kiva B; E. of R. 222 & N. of R. 141. Not previously excavated.

Measures: S. wall is 9'4" long to junction with kiva curve; W. wall is 8'1" to kiva curve. Kiva formed NE. wall.

Masonry of 3rd type - dressed friable s.s. with bands of tabular laminated s.s.; larger dressed blocks in W. wall.

Subfloor tests show floor ^{overbay} overlying an 18" w. offset of W. wall; offset built of dressed s.s. blocks without banding & abuts plastered S. wall. Walls continue to depth of 3'9" below room floor. Plastered S. wall is smoke stained; also, rough masonry of kiva curve. Plaster smeared over kiva masonry @ junction with S. wall but this plaster partly covered by thin masonry veneer. Smoke stained ^{on} kiva curve continues below base of S. & W. walls. Subfloor fill chiefly debris of reconstruction; i.e., adobe chunks & stone spalls.

Room 224 / card

7/7/21

Triangular room @ SE. cor. of Kiva B; W. of R. 153 & N. of R. 142. Not previously excavated.

Measures: E., 6'; S., 7'9"; W., 17" between S. wall & kiva curve; N., 33" from E. wall to kiva curve. Highest wall, on E., stands 36".

Masonry is poor 3rd type - dressed blocks of friable s.s. between courses of small laminate s.s. tablets. Walls still carry plaster. Kiva wall rises above floor level to suggest it may originally have stood to roof level of surrounding rooms.

Fireplace in SE. corner is 30" N-S. x 23"; it is slab-lined & contained 5 stone firedogs. In corner back of fireplace is a bench about 12" square & 5" high; on it was a stone jar cover 7" in dia. x 1/2" thick.

Finds included 2 manna & misc. sherds - not catalogued.

North wall is outer S. face of block enclosing Kiva B. ventilator.

Subfloor tests show earlier floor @ depth of 4" with debris of reconstruction between. Subfloor fill of adobe chunks with blown sand. Test discontinued @ depth of 3 feet.

Room 225 / 3 ads

7/17/21

In SE corner of ruin, N. of R. 175; between 177 & 226. Not previously excavated.

Measures: N., 11'7"; E., 19'5"; S., 11'9"; W., 18'2". Floor to ceiling poles, 8'9".

Masonry: 4th type, laminate s.s. exclusively. Larger blocks dressed on face; intermittent banding, especially in S. wall. All walls in good condition except @ ceiling level where E-W beams were pulled out. Ceiling poles pulled from N. wall; in S. pulled out or cut off with steel axes. In lower half, W wall, bulge acc't water seepage thru adobe core. Dirt piles show limited digging in upper fill.

Fill: lower half filled with fallen masonry & blown sand.

Doors: in middle each wall; N., 4'6" fr. NE corner & 9" above floor, 27" w. x 4'5" h.; 8 pine lintel poles av. 2 1/2" dia.; lower half blocked with unworked stones & adobe. E. door: 9'6" fr. NE cor. & 12" above floor is 27" w. x 4'4" h.; 8 (?) pine lintel poles (6 remain).

Upper blocking removed during excavation of Room 177.

R. 225-2

S. door: 4'7" fr. SW corner x 10" above floor, 27 $\frac{1}{2}$ " w. x 4'6" h.; 8 pine lintel poles 3" dia. lashed together @ ends by split willows. Upper half of blocking removed during excavation of R. 175. W. door: 7'11" fr. SW cor. & 14" above floor, 27" w. x 4'7" h.; 7 pine lintel poles 3" dia. Door was not blocked.

Ventilators: 2 in E wall: (1) 23 $\frac{1}{2}$ " fr. NE cor. & 58 $\frac{1}{2}$ " above floor, 13" w. x 14 $\frac{1}{2}$ " h.; 9 small pine lintel poles; (2) flush with S. wall 58" above floor, 13" w. x 14" h.; 11 lintel poles.

Finds : Besides cataloged objects; misc. sherds, several antler frags. & vertebrae of elk. In debris near floor, a decayed cradle (?) - oval willow frame & body of reeds overlapping @ right angle. (N.G.S. Neg. 7675A-N.M.J. 1921). Bones identified: Elk (*Cervus canadensis*); Mule deer (*Odocoileus hemionus*). On pavement @ depth of 38", imprint of right human foot 8" l. x 4" across. (N.G.S. Neg. 28526A; OCH)

Foundations : E, 17" h., 2" offset; N, 14" h., inset 2"; W, 15" h., inset 2"; S, 10" h., inset 5". All foundations 5" below room floor.

R. 225-3

Subfloor foundation 26" w. x 19" h. parallels E wall @ dist. of 6' to pass under S. wall. Mostly large dressed blocks, mud mortar.

Test hole , NE corner, 9' deep; 2'7" w. x 6'9" l., 6' fr. N. wall, shows: (1) 3" flooring above N-S. subfloor foundation; (2) pavement 16" below N-S. foundation, or 38" below room floor, overlain by blown sand & slopes down sharply to S., more gradually to E.; (3) a 5" adobe fill on thin sand layer; (4) soft sand & ash fill 20" thick @ S. end of test hole, 0' @ NE cor.; (5) stratified sand & clay, \leq 11" thick; (6) stratified sand 6" th. @ S. end of cut & 14" @ N end to point 7'4" below room floor; test ended @ 9' under clean sandy clay.

Room 225B. ^{2 cds.}

Walls fully exposed; 4th type masonry but with smaller blocks than in 1st story. Removal of beams had torn holes in E & W walls.

Measures: same as in 225A except increased width acct 2" floor offset on E & 4" offset on W. Floor offset to ceiling offset, 10'8". Plaster under NE corner door suggests all 4 walls were formerly plastered.

Doors: E wall: 9'4" fr. NE cor. & 21" above offset, 27" w. x 49" h. x 25 1/2" across sill; lintel poles mostly gone; most of blocking removed. N. door: 4'8" fr. NE cor., 22" above offset, 26" w. x 4'2" h., had been blocked but stones mostly fallen. S. door: 4'10" fr. SE corner, 28" w.; sill & lintels gone. W door: evidenced by portions of jamb. NE corner door to R. 178B: 22" w. x 26" h. x 3'7" lengthwise across sill; sill slab, fine s.s. slab 1 1/4" th. & 22" above floor offset; 8 lintel sticks; secondary jambs to hold doorslab, inset 10" on N, 12" on S. SE corner door to 176B 29" above offset, 22 1/2" w. x 4'2" h.; lintels gone.

R. 225B-2

Ventilators: E. wall: 5'3" fr. NE corner, 39" above floor offset, 18" w. x 23" h.; lintel: 4 pine poles with hewn plank @ each side. N wall: 9'2" fr. NE cor., c. 32" above offset, approx. same size as E vent; W jamb & lintel gone.

R. 225C, walls still stand 39" above offset in NE corner.

1924 N. (75) Repairs: Repaired broken beam holes 1st & 2nd stories; replaced lintels 2nd story E. door & repaired jambs of 2nd story S.W. & SE corner doors; replaced sills, 2nd story S. & N. & E. ventilators.

Room 226 3 cards

9/1/21

North of R. 174; S. of R. 240 & Kirk D.; E. of R. 227-I; W. of R. 225.
Not previously excavated.

Measures: N., 17'6"; E., 16'5"; S., 16'7"; W., 13'5". 7' floor to ceiling beams, 7'; to ceiling offset, 8'6".

Masonry: of 4th type, all laminate s.s. with many of larger blocks dressed on face; intermittent banding. Ceiling offset av. 3" on W., N., & E.; none on S., but change in masonry is here evident.

1921 repairs

All corners tied. No ventilators. Repairs @ ceiling level in 1921.

Doors: In E. wall, 14" above floor & 7'4" fr. SE. cor., door 27 1/2" w. x 4'5" h. & 26" across sill; has 7^{pine} lintel poles av. 3" dia. In S. wall, 11" above floor & 6'11" fr. SE. cor., door 27 1/2" w. x 4'4" h. & 25" across sill; had 6 pine lintel poles, av. 3" dia.; apparently blocked & blocking removed during excav. of R. 174. In W. wall, large T-shaped door: lower part is 23" w. x 34" h.; upper part, 18" fr. NW. cor., is 3'9" w. x 3'8" h., with 11" offset N. of lower part. Has 5 pine lintel poles, av. 4" dia. Door had been blocked; 5 poles upright in central portion of blocking. Sill lay 12" below floor, @ top of founda. & @ orig. floor.

T-door

Archaeol. Notes No. 52 v (U.S.N.M. 335285, S.S. Mamm. Coll. vol. 124, pl. 79A)

R. 226-v

Fill: Blown sand on floor to av. depth of 5"; ash strata bearing sherds above sand; above ash, more sand @ W. end & ash with dry rubbish in E. 3/4 of room. Above lower 3' of fill, adobe & stone from fallen walls filled room to ^{above} ceiling level. Collapsed ceiling partly burned @ W. end; broken beams & walls smoked.

Finds include #¹³ neat cedar bark rolls tied with yucca cord; are of two lengths; frayed @ 1 end but show no burning. Were found side by side as the cover for roof opening. Besides cataloged material, quantity of sherds, 10 hammerstones; 3 manos & frags of 2 others; 1 small frag. of metate, several frags of worked stone, & shell frags. of turkey eggs left in room.

Subfloor: Original floor @ depth of 12"; base of W. wall, 18" below upper floor. No other subfloor tests made.

Bones identified: Bird - *Meleagris gallopavo*; *Buteo swainsoni* (Swainson's hawk); *Buteo* sp.; Mammals - *Castor canadensis* (beaver); *Odocoileus hemionus* (mule deer); *Antilocapra americana* (pronghorn antelope).

R. 226-3 226B

7/22/21

226B

Second story - R. 226 B

Measures: N. 17'6"; E, 16'1"; S, 16'7"; W, 13'4". Floor offset to ceiling offset, E. side, 10'4". to cp. 9'10"

Masonry: of laminate s.s., 4" type, with intermittent banding & thicker blocks in S. wall bands. Upper N. & adjoining walls fallen;

Doors: In E. wall @ floor level & about 7' fr. SE. corner, jamb of broken door. In S. wall, 21" above floor offset & 7'3" fr. SE. cor., door 27" w. x 4'9" h.; only 2 lintel sticks remain. Probable door in broken W. wall.

Ventilators: In S. wall, 5" fr. SW. cor. & about 5'6" above floor, vent. 13" w. x 14" h.; blocked. In S. wall, 4" fr. SW. cor. & 5'6" above floor, vent. 11 1/2" w. x 13" h.; ^{also blocked.} In W. wall, flush with S., vent. 12" w. x 15" h. is also 5'6" above floor; had 10 lintel sticks. Probable 2nd vent. in N. end of broken W. wall.

Repairs, 1921: S. door; holes in other 3 walls.

R. 226 C - Third story S. wall still stands to height of 6'2".

R- 227 9 cards

(Tupper) Sept 5-26

First story room, previously excavated. Open room.

Measures: 7'-4" on N., 10'-10" on E., 9'-3" on S., 9'-5" on W.

Roof beams on west is 8'-5" above just wall beyond floor.

Room diagonals: NE & SW = 12'-10"; NW & SE = 14'-6" to cp. 9'1"

Masonry: banded ^{light} type. Some plaster remains on all walls. (A large hole recently broken ^{through E. end of} N. wall at ~~east~~ ^{west} rebuilt and replastered in 1926).

NGS repairs

S. wall appears to abut W. wall. S. wall appears to be tied to E. wall. N. wall appears to abut both W. and E. walls.

Floor at present ^{appears} filled with blown sand and ^{earth & dirt} ~~earth~~ ^{to depth of 8" & 12"} ~~about~~ ^{from top of N. wall} just opposite floor.

Doors: A doorway in S. wall, 36" from S.W. corner ~~sill~~ & 39" above floor, doorway measures 33" high, 19/21 1/2" wide, 25" deep. ^{across} sill. The south portion of the sill formed by a large flat, inverted metal which measures 21" wide and approx. 2" thick. The E. and W. ends of the metal extend under the masonry of both

R-227 A
2

jamb. On the south the metal extends $3\frac{1}{2}$ " beyond the wall of R-173. The doorway seems to have been rebuilt or worked over at some later time as masonry on both north and S. face of wall as well as jamb show this change. It is possible that the metal in sill was placed there at that time. For a distance of 5" south from N. face of wall the ~~soffit~~ ^{lintel} is 28" above the sill. This also seems to be part of the reconstruction. A second set of lintels (two jobs each $1\frac{3}{4}$ " diam) are $4\frac{1}{2}$ " S. of N. face of wall and 28" above sill. A third lintel (1" diam) placed between the last two mentioned and the original job lintels of doorway is $31\frac{1}{2}$ " above sill and 2" south from N. face of the wall. Masonry of small stone chips with much plaster noted around & these lintels and plaster of wall roughs off outside them. This may have been upper portion of masonry wings that are at times

R-227 A
3

built against the door jamb to serve as rests for slabs which close doorways as in W. wall of R-180A.

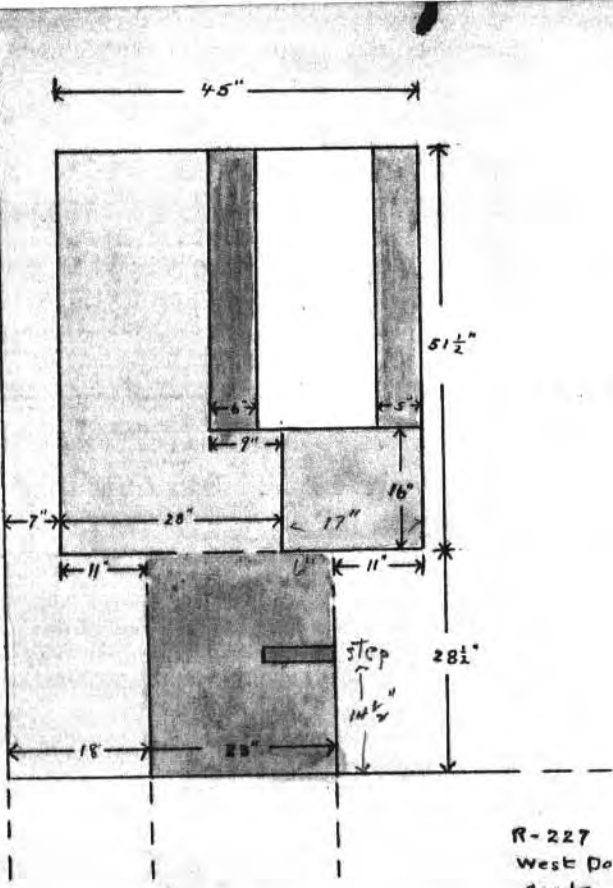
A doorway in ^Eth. wall, is 20" from N.E. corner, The sill is 13" above ~~first wall defined floor~~, Doorway measures 28" wide, 25" ^{below sill} deep. On N. it is 47" from sill to job lintel and on S. it is 50". Seven job lintels overlapping $2\frac{3}{4}$ " in diameter from soffit. Doorway blocked to height of 35".

A doorway in W. wall may originally have been a large T-shaped opening. It has undergone considerable rebuilding. In the original doorway, the jamb of the upper portion was 7" from S. wall of wood. This upper portion of T-shaped doorway was 45" wide and ~~is~~ ^{is} $51\frac{1}{2}$ " high to 7-pole lintel. The sill of this upper portion was $28\frac{1}{2}$ " above ~~first wall defined floor~~.

R-227 A

4 The lower portion was (set in) 11" on S. and 11" on N. The sill of the lower portion not ascertained as it extended below 1 foot well defined floor in R-227. A stone step projects 5", is 2" thick and 9" wide, with its north side against jamb of this lower portion of doorway, is 14 1/2" above this floor. In blocking this doorway and making alterations the sills of upper portion of doorway and upper portion of lower jamb were raised so that the jambs of lower portion do not now continue to the top of upper portion.

It then appears that a masonry block was placed on the south side of the doorway, the sill of the upper portion of the T-shaped doorway becoming the sill. This new masonry block extended 28" north from the south and to a height of 16" when it was recessed towards the S. a distance of 9". From here it extended to jamb line of original doorway. Later this smaller opening was blocked to the sill.



R-227
West Door
Scale
1" = 2'

R-227 A

of the new south recess and masonry wings built against both jacks so that the opening might be closed from the room to the west. The masonry wing on the S. extends 6" out into doorway and is 7" in from E. face of the west wall. The masonry wing on N. extends 5" into doorway and is 13" in from E. face of the wall. The masonry wings are plastered and built against the plaster of the jacks. Finally the doorway was further blocked so that at present a masonry fill rests upon the sill of the opening having the south recess.

R-227 A

Ceiling A single roof beam extending E & W. is 8'-5" above floor. This beam is 10" in diameter. at west it is 51" from S.W. corner of room; at E., 5'8 1/2" from SE corner. Just south of this beam the butt of a second beam ~~is 4" into the room from the E. wall.~~ This is end of beam that extends E and W. in the room to the E of R-227 (Smiley readings, 1952)
AE Douglass, 1945: JPB[#] 2 = 1078; #3 = 1074 + 4; #03 = 1074 + 1; 003 = 1053 + 9 1/2" from SE corner, the in S. wall, the end of a 9" beam projects 40" into the room. 21" from S.W. corner, in S. wall, the end of a 7 1/4" beam projects 35" into the room - both from R. 173. All straight grained pine, no bruisers. The ⁴⁰ceiling poles are 2 1/2" dia. ^{but of white pine, alternating;} are placed close to each other above the poles, ^{and} cedar. (Sections of the beams taken for Dr. Douglass.) Split yucca strips tie alternating butt & whip ends of ceiling poles together in pairs.
No subfloor tests.

R-227 B. (second story)

Drawing opposite

Second story room above R-227 A and R-227-I A
Measures: $\sqrt{12'-3''}$ on E. $20'-3''$ on N. $20'-4''$ on S. $9'-2''$ on W.
Diagonals: NE to SW = $21'-10''$; SE to N.W. = $23'-10''$.

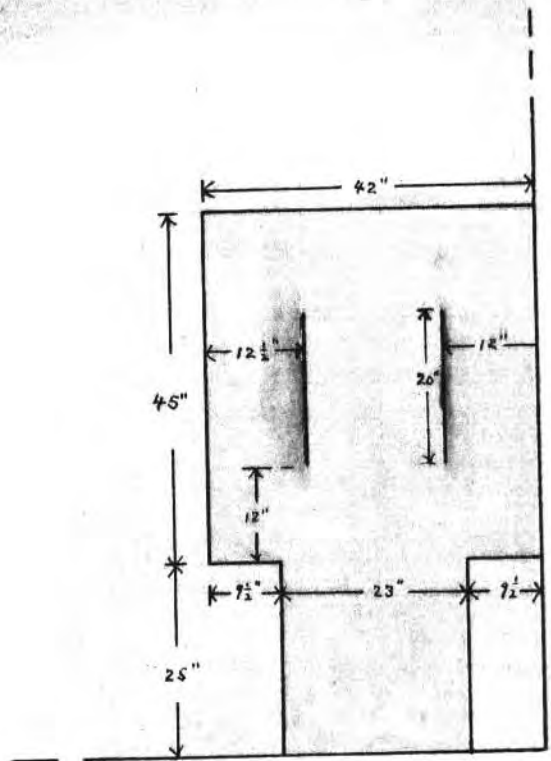
North wall abuts W. wall; still stands to height of $6'-10''$ above floor offset.

Doors:

A blocked T-shaped doorway in W. wall has north jamb of upper portion in line with N. wall. The lower portion is $23''$ wide. On S. there is a $9\frac{1}{2}''$ jamb and on the N. a $9\frac{1}{2}''$ jamb. The sill of the jamb is $25''$ above concrete floor that has recently been placed to protect the roof of R-227 A. The upper portion of the T-shaped doorway is $42''$ wide and $45''$ high to pole lintel.

1926
215. mason's

This doorway blocked leaving two finished masonry sills. The one is $12\frac{1}{2}''$ from S. jamb of upper portion of T-doorway and the other is $12''$ from N. jamb. Both bits of masonry start $12''$ above the



R-227 B.
Blocked
T-shaped
Doorway
West wall
Scale 1" = 2'

R- 227 B.

28

sill of the upper portion and extend 18" upward. The space between these finished masonry edges has been blocked in. No sill or lintel indicated.

In S. wall, 9'7" from S.W. corner, is doorway. It measures $28\frac{1}{2}$ " wide, $27\frac{1}{2}$ " deep and 43" high on west to broken wall.

~~at~~ a corner door connects R's 228 B and 173 B. The northeast side of this corner doorway projects as a bit of masonry supported by poles outside the S.W. corner of R-227 B.

This masonry is supported by three poles extending across the corner in the direction of the doorway. The base of the poles are 8" above the recently placed cement floor of the room. This masonry at bottom extends 17" along

Room 227-I 2 cards

6/30/72

First floor room between Rs. 226 & 227; N. of R. 173 & S. of Kiva D. Not previously excavated; not shown on Pepper's groundplan.

Measures: N., 9'2"; E., 12'9"; S., 9'5"; W., 11'3". Floor to beams, 8'9"; to ceiling offset, 10'. (9'5")

Masonry: Of banded 4th type, with more than usual chinking. No trace of plaster. Against E. wall, 9 1/2" fr. SE. cor., is posthole 5" dia. x 21" d., as probable support for broken beam.

Doors: In S. wall, 17" above floor & 3'11" fr. SW. cor., door 24" w. x 4'2" h., had been blocked; upper portion had been removed by earlier excavators & small amt earth removed. Thru W. wall, 13" above floor & 20" fr. NW. cor., door 27 1/2" w. x 4'1" h., had been carefully blocked but upper portion had been removed fr. R. 227 by earlier excavators. In E. wall is huge T-shaped door. With sill 1" above floor, lower portion is 23" w. x 35" h. & 30" fr. NE. corner; upper portion, 3'9" w. x 3'9" h., is 18" fr. NE. corner. Door had been blocked leaving protruding stone step in middle of lower portion, 12" above floor; upper portion recessed 15" on S., 17" on N., to form ^{necess} shelf full width of door. Five pine poles, 4" dia., as lintels. 5 upright poles in middle of upper blocking; jambs, 25" wide.

Nov. 16260A

R. 227-I-2

AED, 1945 gets for JPB #22-1064 + A 1064 (Smiley, 1952)
23-1081

Fill: Mostly fallen masonry. On floor, considerable quantity debris of occupation, 20" deep against N. wall thinning to floor level on S. as tho poured thru broken ceiling. Remains of charred beams.

Finds: 1 grass bush 3" l., bound with string; decayed basketry frags. Not cataloged: squash seeds & rind, piñon nut & small ppt. turquoise, dressed ceiling willows (do not belong with this type masonry), a tabular metate, deer bones & many sherds in debris @ N. side. Some of sherds match others fr. R. 226. Among deer bones, larger were split for extraction of marrow; also skulls of 6 deer.

Subfloor: E. wall masonry extends 4" below floor to 18" h. foundation. An uneven pavement 24" below floor; fill between, debris of occupation containing both early & late sherds.

For 2nd story, see R. 227 B.

Room 228-A 3 cards

9/14/21

First story room between Rs. 227 & 229; N. of R. 172; S. of R. 234 & Kiva C. Partly excavated by Hyde Exped. but incorrectly located on Pepper's groundplan. See Pepper's notes for R. 73.

Masonry of banded 4th type formed orig. room; latter quartered by partitions of ruder construction containing much visible adobe & blocks of dressed friable s.s. Partitions about orig. walls & only extend to 2nd story floor level, removed by previous excavators; N-S partition is 30" thick; E-W, 26" thick. Beams, N-S, had been torn from S. wall leaving great holes which were completely filled in, including beam holes, in 1921 in order to save frags. of 3rd story wall; 1 beam, sawed off.

1921 repairs

Holes from which ceiling poles were pulled show in E. wall, on ceiling offset; small spalls closely ~~surrounded~~ ^{surrounded} poles.

SE. Quarter: Measures 7'3" on E., 10'5" on S.; 5'9" on W., 9'2" on N. Floor to S. beams (11 1/2" dia.) 8'8"; to 5 1/2" ceiling offset, 11'10" @ S. No wall recesses. East & S. walls extend 12" below floor; W. & N. walls built on floor. Blocked S. door, 18" above floor & 9' fr. SE. cor., was 27 1/2" w. x 4'8" h.; upper blocking removed from R. 172.

later

over

JPB #55 & 56 fr. S & N ends of E beam gave AED - 1073 +
57 & 58 " N & S " " W " " " 1061
#58 is abutted (?) by partition.

R. 228A-2

Much altered door thru E wall $5\frac{1}{2}$ " fr. SE cor. originally $3'11"$ w. x $4'5"$ h. x $27"$ above floor. Probably was large T-shaped door but lower part not evident. 7 pine lintel poles. Width reduced to $2'7"$ by $16"$ w. masonry block built in on sill next S. jamb. Further reduced by masonry fill-in $16"$ h. on N. sill with stone $8\frac{1}{2}"$ w. protruding $4"$ on orig. sill as step $27"$ above floor. Thereafter door reduced to $21"$ w. x $37"$ h. by secondary jambs $6\frac{1}{2}"$ th. on S. & $4"$ on N, recessed $4"$ @ bottom & $8"$ @ top to support doorslab inclined from 228A. With latter reduction both $16"$ w. block next S. jamb & $16"$ h. block on N sill were plastered. The plaster extending to SE cor., floor to ceiling, & to av. $13"$ on N side. Subsequently reduced door was blocked but not plastered. Upper $\frac{2}{3}$ of blocking removed by unknown excavators of R. 227A.

Next S. wall, $12"$ fr. SE cor., is post hole $8\frac{1}{2}"$ dia. x $19"$ d.; another, $19"$ fr. SW cor., is $8"$ dia. x $21"$ d. Both lined & paved with slabs.

Subfloor test shows earlier pavement $14"$ below floor sloping to east; test $2'$ deeper shows wall adobe & sand.

R. 228A-3

SW. Quarter - Measures: N., $6'4"$; E., $4'4"$; S., $5'11"$; W., $3'11"$. Floor to ceiling offset, $10'$. East & N. walls (partitions) contain many dressed friable s.s. blocks in adobe. North wall abuts E.; has a $7"$ w. offset, $6'9"$ above floor. East wall abuts large beam end protruding fr. R. 172 & stands flush with W. jamb of R. 172 door.

Finds: 7 pts yellow ochre & $\frac{1}{2}$ discoidal bone bead not saved.

NE. Quarter - Measures: N., $8'7"$; E., $5'2"$; S., $8'11"$; W., $6'$. Floor to N. beams, $9'2"$; to ceiling offset on E., $10'4"$. South wall leans in slightly @ top; includes several protruding stones as in outer walls of Kivas. Two $11\frac{1}{2}"$ beams @ W. end of N. wall had been sawed off; 3rd beam next E. wall had been pulled out. South wall ties with W.; stands on $3"$ of adobe chunks overlying $8"$ of blown sand on orig. R. 228 floor. West wall stands on $8"$ of adobe lying on $7"$ of sand. In floor against N. wall & $12"$ fr. NW. cor. is a ^{post} hole $9"$ dia. @ top, $7"$ dia. @ bottom & $13"$ deep; another hole, $25"$ fr. NW. cor., is $8"$ dia. x $8"$ deep. Both lined with slabs on edge.

These generally corresponds to similar holes against S. wall in SE quarter; they contained no decayed wood or other means of identification.

NW. Quarter: Earth & stone fill supports masonry block including Kiva C. ventilator - not disturbed.

Room 228-B. 3 cards

7/19/21

Second story of R. 228.

Measures: N., 15'8" to masonry block in NW. corner; E., 13'4"; S., 18'3"; W., 9'2" to masonry block in N.W. corner. Latter is 2' on S., 3' on E. Floor offset to ceiling offset, 10'4"; S. floor offset, 5" w.

Masonry, like that of R. 228 A., is 4th type with occasional banding. Present N. & W. walls obviously replaced others, raised upon construction of Kiva C. At N., present wall rests upon end of 1st story partition, & overhangs by 16" N. wall of R. 228 A., & abuts plaster on 2nd story E. wall. South 24" of W. wall is 4th type masonry; remainder, like N. wall, built largely of large, dressed blocks of friable s.s. West wall ties with 2nd story block inclosing vent. shaft of Kiva C. Plaster adheres in wall corners.

1921
repairs

Repairs in 1921 included partial rebuilding of ^{E.} W. walls as support for 3rd story S. wall; repair of beam holes in S. wall.

Doors: SE. corner door, 28" w. x 31" h. x 5' NW-SE across sill; latter is 26" above floor offset. Door has 11 major pine lintel poles; 3 secondary lintels a little lower @ NW. end to hold door slab. Door

R. 228 B. 2

appears to have been blocked near SE. end. South door, 26" above floor offset & 7'11" fr. SE. cor., is 26" w. x 37" h., x 24" across sill; lintel is 6 pine poles, 2 1/2" dia.; sill, 1/2 of long tabular metal & several smaller slabs, in adobe.

Tau-shaped door in E. wall @ floor level: lower part is 25" w. x 39" h.; & 3'10" fr. SE. corner door; upper part, 3'7" w. x about 3'6" h. North side of upper part later blocked flush with lower N. jamb; later, S. shoulder similarly filled & lower part blocked, leaving upper middle open. This later blocked except for small central ventilator with stick lintels; vent. subsequently blocked, according to Pepper's ^{1920 fig. 89} illustration.

1921
repairs

In 1921 repairs here, small vent. inadvertently not restored.

Tau-shaped door in middle N. wall, 24" above floor offset: lower part is 26 1/2" w. x 31" h.; upper part, 46 1/2" w. & its jambs rise 34" but lintels missing. Door had been blocked with large chunks of friable s.s., one of which is dressed on face by pecking. This door suggests probable T-door in original N. wall.

R. 228-B-3

Ventilators: In E. wall, vent. 16" h., was blocked & later partly covered by reconstructed N. wall. In S. wall, 8" fr. SW. cor. & 5'1" above floor offset, is 13 1/2" w. x 18" h. This restored in 1921 to original dimensions. Second S. vent., 12" w. x 14" h., near SE. corner & about 5' above floor offset.

R. 228-C

Of 3rd story walls, 3'6" h. section stands @ S.; door in middle. 1921 repairs strengthened this door & surrounding masonry.

Room 229-A. ^{2 cards}

7/14/21

Altho incorrectly located on his groundplan, Pepper's notes identify this as his R. 24. Between R. 171 & Kiva C; E. of R. 170 & W. of R. 228. Partly excavated by Pepper.

Masonry: Of 4th type, with occasional bands of thicker, undressed laminate blocks. Walls had been plastered; lower 3'6", whitened. Floor to ceiling beams, 7'1"; to ceiling offset, 8'4". Room quartered by partitions of ruder masonry - mostly large, dressed blocks of friable s.s., in abundant adobe; a number of blocks placed edgewise. North wall was removed when Kiva C. was built; Kiva masonry, mostly large blocks of friable s.s., extends within line of former N. wall. Razing of 1st story N. wall probably necessitated visible repairs to E. & W. walls. North 3/4 of E. wall had been rebuilt but not plastered. North end of W. wall patched with large stones.

SE. Quarter - Measures: N., 4'7"; E., 5'2"; S., 5'7"; W., 4'3". Slight bulge in E. wall resulted from repairs, reconstruction. West wall is 27" thick & ties with E-W partition. Subfloor test shows earlier floor @ depth of 10" with overlying fill of debris of reconstruction.

R. 229A-2

SW. Quarter - measures - N., 4'9"; E., 4'11"; S., 3'11"; W., 4'8". North wall is 21" thick.

NW. Quarter - measures: N., 6', in front of convex kiva curve; E., 4'7"; S., 4'11"; W., 5' to plumbline fr. NW. cor. of R. 229B, with 2' more to kiva curve. ^{meets floor with debris of reconstruction.}

NE. Quarter - measures: S., 5'10"; W., 5'; opposite walls approximately the same. South wall, 19" thick; W. wall, 22" thick @ top, 32" thick for lower 1/2. Quarter filled to near ceiling level with earth & debris of reconstruction as base for 2nd story masonry block in NE. corner including vent. of Kiva C. West wall abuts E-W. partition. Not excavated.

Partition walls, of later construction, abut original walls of room except at N. where Kiva C. masonry has replaced room masonry.

Door thru S. wall, 18" above floor ^{offset} & 4'11" fr. SE. corner, was blocked & abutted by N-S. partition.

1 additional card for R's 229B & C.

Room 229-B.

1 card

7/14/21

Second story of R. 229. Excavated by Hyde Exped.; is Pepper's R. 24, erroneously located on his ground plan.

Measures: N., 10'9" ^{12'2" to orig. corner} to block in NE. cor.; E., 9'6" ^{12'2" to orig. corner} to NE. cor. block; S., 10'; W., 11'9". Floor offset to ceiling offset @ S., 10'4". ^{to top 9'11"}

Masonry of S., W., & lower N. walls is 4th type, banded. East wall, a replacement coincident with construction of Kiva C. ventilator, is mostly of friable sandstone; upper N. wall, mostly dressed friable s.s. North 1/4 of W. wall had been patched with friable s.s. On S., a 6" floor offset; on W., 3" floor offset. Upper E. wall repaired & partly rebuilt in 1921 as support for 3rd story walls of R. @ S. ^{Plaster in SE. cor. offset}

Doors: Blocked T-shaped door in N. wall, 21" above floor level ^{offset} & 5'9" from NW. corner to lower part which is 2 1/2" w. x 30" h.; upper part is 3'11" w. but lintels gone with fallen masonry. South door, 19" above floor level & 4'10" fr. SE. cor., 26" w. & 26" across sill; lintels gone.

Kiva C ventilator, in NE. cor., is 2'10" on W. side x 17" on S.; built on earth & rock fill to 1st story ceiling level.

1
Room 229C - At S., 6'6" of 3rd story wall still stands.

Room 230

1 and

7/13/21

A terrace overlooking Kiva H, west of Kiva C.; not previously cleared.
Measures: 4'2" w. x 20'3" long.

Masonry: East wall is Kiva C. square & abuts R. 170; it is of near-3rd type construction — chiefly large blocks of dressed, friable s.s. banded with laminate s.s. & chips. North wall, mostly razed, is 21" thick & abuts E.; rests on terrace floor. South & E. walls show plaster. Walls in SE. cor. stand 3' high. Blocked door, 23" w. with sill @ floor level, in S. wall 4' fr. SE. corner.

Subfloor: An 8" w. ^{foundation} offset in E. wall 7" below floor level; foundation is 26" h. & adobe mud, 10" h. x 6" w., is banked against base. Original floor @ offset level; 3 other floors between this & uppermost. Upper 4 extend over a rude wall, 18" th., which parallels E. side @ distance of 32". Subfloor wall, ^{12" thick,} ties to abut Kiva C. square, 26'6" fr. S. end of terrace. This lower N. wall & adjacent E. wall, are plastered & whitened; resting on upper floor, ^{above} over subfloor N. wall, is remains of a later one.

~~In middle~~

Room 231

1 and

7/18/21

Angle within enclosing square @ SW. corner of Kiva C.; not previously excavated.

Measures: S., 9'6" to point where kiva curve abuts plastered S. wall @ blocked door from R. 229-B. West side extends N. without touching kiva masonry but latter is 12" from former @ point 12' from SW. corner. Blocked T-door from 229B not noted here.

Masonry of S. wall is mostly of dressed, friable s.s. with occasional laminate blocks & is plastered. West wall mostly of undressed friable s.s. in large quantities of adobe & abuts plastered S. wall. Stones as ties or steps protrude fr. W. side & outer kiva curve; latter built mostly of unshaped, friable s.s. blocks.

Floor, laid on debris of reconstruction, lies 5'2" below present top of S. wall & appears to be that of a former 2nd story dwelling. Floor rounds up to wall plaster; was broken thru when kiva was built. Several stones in kiva curve rest on floor adobe. Junction of kiva curve & S. wall packed with spalls pressed in mud. Fill of room is debris of reconstruction. Elevation of kiva walls obviously displaced 2nd story rooms.

Room 232. / card /

7/18/21

At NW corner of Kiva C. square; not previously excavated.

Measures: W., approximately 12'; N., approximately 10' long.

Masonry mostly of friable s.s., dressed & unworked.

Walls rise only a few inches above apparent floor level.

Narrow space between N. wall & outer curve of Kiva C. filled with earth & stone; below floor level, debris of reconstruction.

Room 233. / card /

7/18/21

In NE corner of square enclosing Kiva C.; not previously excavated.

Measures: E., ^{NE} 13' to junction with kiva curve; N., ^{NW} 5'8" to narrow wall, 3'10" l., abutting both kiva & N. wall masonry. East stands 3'h.

Masonry: E. wall of 4th type, banded; N. side of thick, dressed, friable s.s. Both E. & N. sides plastered; plaster of E. wall extends below floor level showing former presence of dwellings sized upon

* || construction of Kiva C. A beam ^{ent} 10" diam., 19" above floor & next plastered N. wall; extends ^{E.} under floor of R. 237 & protrudes a few inches (decayed) into R. 238; it belonged to former 2nd story ceiling, perhaps. On floor, against E. side, is a masonry bench or step 10" w. x 26" l. x 9" h.

7
Subfloor: Fgts of split cedar from ceiling & other debris of reconstruction below floor level. Plaster on E. wall rounds off to floor 6'6" below R. 233 floor level. Meeting on earlier floor & filling angle between E. wall & kiva curve is dry masonry wall, 33" l. x 36" h. Kiva masonry of large blocks in abundant adobe. Plaster on E. wall shows thin adobe wash over thick, smoked layer. Fill ~~over~~ between upper & lower floors is debris of reconstruction.

Room 234 / card

7/19/21

In SE. corner of Kiva C. square; not previously excavated.
Measures: E., 11'4"; S., 12'. At SE. corner, walls still rise 8'2" above floor.

Masonry of E. wall is banded 4th type. Large dressed blocks of friable s.s. & many of laminate s.s. used in S. wall. Both E. & S. walls plastered; several whitened coats show but last was clay colored. Kiva stonework of large friable s.s. including dressed blocks from razed houses; protruding stones @ irregular intervals as ties & steps; stonework thickens slightly to about S. & E. walls. Upper^{E.} jamb of blocked T-shaped door into R. 228-B. shows in S. wall, 7'1" fr SE. corner. Small, irregular hole 6' above floor in NE. cor.

Fill of dry earth & debris of reconstruction. With this was shredded cedar bark. Only SE. corner of floor exposed. ~~Room~~ Room later refilled to avoid drainage problems. In fill we found a cocklebur^d imbedded in old wall adobe; no artifacts.

It may be that floor was laid over abandoned kiva under Kiva C; that 4 rooms here were razed when present Kiva C. was constructed.

Room 235. / 2 cards

7/20/21

Between Rs. 236 & 227, @ SW. corner of Kiva D. Not previously excavated altho a small test hole had been dug against upper W. wall.

Measures: N., 10'3" (to lower kiva curve) E., 30" to lower kiva curve; S., 9'5"; W., 3'6". Floor to present top of N. wall, 14'7".

Masonry of W. & lower E. walls is banded 4th type. North wall, of same material tho more poorly laid, abuts plastered W. wall & kiva curve. South wall built both of dressed friable & laminate s.s. in generous quantities of adobe; protruding blocks as "ties" appear in this wall only. It abuts both W. & lower E. walls & extends over latter to junction with kiva curve. Lower E. wall is continuation of E. wall in R. 227-A; is partly razed within R. 235 & is abutted by & overlain by lower kiva curve which forms bench 22" w. in front of upper curve. Offset, 7" w., in S. wall apparently @ same level as R. 227 ceiling. In W. wall, @ same level as S. offset, is 4" square hole as ceiling pole rest.

Ventilator in W. wall, was blocked fr. R. 228-B. to leave recess, 11 1/2" w. x 15" h. x 23" deep; 13 small sticks form lintel; sill 5' above floor offset @ S. - 2nd story floor.

2nd story

R. 235-r

1921 repairs
Fill to S. ceiling offset consists of debris of reconstruction & floor sweepings. With this were several cornhusks & stalks; also, basketry frags (cataloged). Two holes torn thru S. wall from R. 227 were repaired & room refilled to ceiling level to provide drainage protection.

Obviously R. 235 was formerly N. end of R. 227, razed upon construction of Kiva D. Thicker lower wall of latter in R. 235 may indicate alteration & elevation of kiva.

Room 235-B.

Measures: N., 10'2" to kiva curve; E., 4'6" as solid fill between kiva & S. wall; S., 14'6"; W., 3'11".

Ventilator noted above is in W. 2nd story wall.

Decayed log, ^{prop} ~~at bench level~~ ^{lower kiva curve} in R. 236 passes thru N. wall 37" fr. NW. cor. & is embedded in S. wall 8" fr. SW. corner.

Fill above floor offset chiefly floor sweepings & blown sand.

Room 236. 1 card

7/18/21

Long room W. of Kiva D; not previously excavated.

Measures: S., 7'; W., 15'10"; N., 3'4".

Masonry of W. wall is banded 4th type & plastered, obviously remains from room razed on acct construction of Kiva D. West wall has settled outward perhaps on acct of removal of bracing walls; breaks due to settling had been repaired with coarser blocks. These repairs were not plastered. South wall, of coarser masonry & including both dressed friable & laminate s.s. is plastered & abuts W. side. Floor to present top of S. wall is 16'7".

Foundation
Bench, 6' h., forms base for kiva curve; is 22" w. next S. wall. Both bench & kiva curve abut S. wall; protruding stones in kiva wall. Log, 6" dia., rested on bench & was imbedded both in kiva & S. walls as a tie. Thicker lower curve may indicate earlier kivas.

Fill: consists of dry, ashy earth. In this, a few sherds, frags of feather cord & shredded cedar bark were found but not saved.

Room refilled on account of drainage.

North 2/3 of room not excavated.

Room 237 / card

7/18/21

Above π @ NW. corner of Kiva D., between R's. 233 & 238.
Not previously excavated.

Measures: E., 16'8" to end of wall; N., 5'4". Southeast corner probably overlay curve of Kiva D.; is now missing.

Masonry of W. wall is banded 4th type; E. wall appears 3rd type with laminate blocks & 1 band of thick dressed, friable blocks visible. North & W. walls only 2 courses high; S. wall is 26" thick. Highest wall, on E., stands only 19". Floor 33" above that of R. 233.

Subfloor test reveals earlier floor @ depth of 3" spread directly on clean sand fill. Space between floors filled with wall adobe, earth & charcoal — apparent remains of burned house. Lower fill probably debris of reconstruction, as in R. 236.

Room 238 / card

7/18/21

Above π @ NW. corner of Kiva D., between R's 237 & 239.

Dimensions not fully ascertained. West wall only is visible; stands 16" h. & 12' long with S. end missing. North wall fallen to below floor level; E. wall probably abutted N. as continuation of wall between R's. 244 & 245.

Room probably an open area overlooking Kiva D. π with floor @ same level as in R. 237.

No subfloor tests.

Room 239.

2 cards

Reg. 11936A; Oct., 1921

8/2/21

At NE. corner of Kiva D., between R's 238 & 242; S. of R. 244.
Not previously excavated.

Measures: N., 17'2"; W., 3'5" ^{E. 9'2" S. 8'6"} floor to present top of W. wall, 19'3".

Masonry of E. wall is banded 4th type with a 5" offset 9'8" above floor. North wall, rebuilt with laminate & dressed friable s.s. from razed dwellings, abuts E. Protruding stones as "ties" in N. wall & kiva curve. Latter built mostly of large dressed, friable s.s. blocks with layers of laminate s.s. Lower kiva wall rises 8'4" to form offset 17" w. @ W. & 23" w. in middle of room; large slab form top of offset. Lower kiva curve abuts lower W. wall which ties with lower N. side; above this section, which appears to be remains of razed dwelling, W. wall is less regular & obviously rebuilt, abutting both N. wall & kiva curve.

Beam ties: Beam, 10" dia., lies next W. wall, 5'8" above floor, with ends imbedded in lower kiva curve & N. wall. Two smaller ties ~~join on kiva offset, join latter~~ join (1) middle of lower kiva curve @ angle to N. wall & (2) kiva wall above offset,

R. 239-2

@ right angles to E. wall. Remains of 2 poles, 4" dia., in N. wall 10' above floor; no comparable holes opposite. Row of 5 similar pole holes, each with slab lintel, in N. wall 14' above floor; no comparable holes opposite.

In SE. corner, loosely laid wall 7'6" h., & slightly concave, abuts E. wall 9'2" fr. NE. corner & abuts kiva curve 12' fr. N. wall. This loose masonry rests directly upon room fill, 12'2" above floor, & with no apparent object other than to support kiva curve & W. wall of R. 242.

Fill of dry earth & adobe from razed walls.

Finds: 1 antler fgt. & mere handful of sherds.

Subfloor: Lower W. wall, on 15" h. foundation, extends below floor & base of kiva curve; latter & N. wall rest on a fill of blown sand & debris of reconstruction overlying an earlier floor @ depth of 12".

Room refilled to meet drainage problem & support walls.

Room 241-A

3 card

5/27/22

Between R. 178 & Kiva D; N. of R. 225 & S. of R. 242. Not previously excavated.

Measures: N., 11'10"; E., 19'8"; S., 11'8"; W., 18'7". Floor to S. ceiling overhang, 8'3". Estimated ceiling height 8'8"

Masonry of banded 4th type with many of thicker blocks pecked on face. All corners tied. No trace of plaster. Room apparently used for storage. Ill defined floor covered with layer of wall adobe varying in thickness from 8" @ SE. to 4" @ SW. & decreasing to approx. floor level @ N. end. Two E-W. beams & charred ceiling poles lay in 2 ft. fill above wall adobe.

Doors: In N. wall, 4'10" fr. NE. cor. & 11" above approx. floor level, partly blocked door 27 1/2" w. x 4'3" h. In E. wall, 10'7" fr. N.E. corner & 11" above approx. floor level, rudely blocked door 27 1/2" w. x 4'4" h. In S. wall, 4'10" fr. SE. cor. & 9" above approx. floor level, door 27 1/2" w. x 4'4" h.; had lower half was rudely blocked from R. 225.

Ventilator in E. wall, 28" fr. NE. cor. & 5'4" above approx. floor level, was 13 1/2" w. x 10" h.; it had been blocked from R. 178 leaving unplastered recess, 9" d., in R. 241.

R. 241-A-r

Fill: Layer of adobe from razed walls on approximate floor level; above this a 2' layer of mixed debris of occupation & reconstruction. Above latter, fallen masonry of 2nd & 3rd stories to near ceiling level.

Finds: Several antler frags. in adobe on floor; small quantity of sherds in 2' layer above. Also, 3 hammerstones. Two squash seeds retained as #573. Mammal bones identified: Mule deer (*Odocoileus hemionus*); elk (*Cervus canadensis*).

Subfloor tests show coarse foundations under all walls. North foundation, with floor level offset 17" w. @ NW. & 23" w. @ NE corner, abuts under-set foundation of W. side; latter is 2' high. At N. end, pavements noted @ depths of 15" & 26" below approx. floor level of room. Subfloor N-S. foundation of large blocks including dressed, friable s.s. from razed dwellings, is 24" w. x 21" h. & 33" fr. SW. corner; @ N. end it is 28" w. x 17" h. & 26" fr. NW. corner.

R. 241-A-3

Test hole beneath S. door reveals these strata: (1) blown sand & adobe in 4 layers sloping down & S. & overlying a floor 15" below that of room; (2) debris of reconstruction including bits of charcoal overlying a floor 37" below that of room; (3) a 2" layer of blown sand increasing in thickness toward N.; (4) a 4" layer of wall adobe & ash overlying a 3rd floor ~~33" below that of room~~ ^{overlain by thin film of sand}; (5) an earthy fill 21" thick; (6) blown sand 3" thick overlying more wall adobe.

Pit House(?) At depth of 6'3" below room floor, encountered an E-W adobe wall 8" thick x 16" h., topped with stones; it was partly faced on N. side & curved slightly to SE. Layer of water packed adobe crossed top of wall; a similar layer 3" below base of wall. Blown sand with lenses of coarser sand abutted S. face of wall; in this deposit were several sherds. Inference is that this partly razed structure represents a pit house similar to those exposed in 1920 on S. side of canyon but with made walls forming a square or nearly square room. Not enough data to support this inference.

Room 241-B.

4/25/22

Measures: N., 11'5"; E., 19'9"; S., 11'7"; W., 19'2". In SE. corner, floor offset to ceiling offset, 10'2".

Masonry of banded 4th type with many of larger blocks dressed by pecking. East wall fallen except for small section @ S. end.

Doors: In N. wall 4'6" fr. NE. corner & 22" above 1" overhang marking floor level, is door 27" w. x 3'10" h. & 26" across sill. In S. wall, 4'8" from SE. cor. is partly ^{low} blocked door 28" w. with lintels missing. A 2nd but problematic S. door noted flush with W. wall. In W. wall 8'2" fr. NW. cor., is door 21" w. @ sill x 4'1" h. & 13" across sill. Latter lies 7" below floor offset. This door leads down by steps in wall to connect with Kiva D. thru floor opening.

Repairs in 1922 included restoration of N., W., & 2 S. doors.

Ventilator in E. wall, 5'3" above floor offset, was 17" h. & 28" across sill; N. jamb missing. Indicates companion vent. @ N. end.

Room 241-C represented by 2' h. wall fgt. in SE. corner.

Room 242-A. ^{3 cards}

6/24/22

Between Rs. 179 & 239; N. of R. 241 & S. of R. 243. Not previously excavated.

Measures: N., 11'6"; E., 19'2"; S., 11'8"; W., 19'3". Floor to underside W. beam holes, 7'6"; to ceiling offset, 8'6". Floor to S. ceiling poles, 8'4". Beams #24 = 1081¹⁰⁸⁰⁺; #25 = 1081.

Masonry of banded 4th type with some of thicker blocks dressed by pecking. All corners tied.

Doors: In N. wall, 5' fr. NE. cor., former door 26" w. x 4'4" h., with sill 35" above floor, had been reduced to 20" w. x 2'8" h. by neat 20" h. blocking on red sill & inset jamb to support door slab from R. 243. Protruding stone 3 1/2" above old sill formed step to reduced door. In S. wall, 4'1" fr. SE. cor. & 12" above floor, door 27" w. x 4'7" h., had been rudely blocked & plastered over. In E. wall, 6'3" fr. SE. cor. & 17" above floor, door 27" w. x 4'5" h., had been blocked. No openings in W. side.

Ventilator in E. wall 28" fr. NE. cor. & 5'4" above floor was 14" square; had been blocked.

R. 242-A₂

Fill of fallen masonry fr. 2nd & 3rd stories; also, blown sand.

Finds: A door slab, 13" w. x 16" x 1 1/4", broken in middle; 2 slabs slightly rubbed on sides; a few sherds & flint chips.

Subfloor test in SE. cor. shows base of foundation resting on 11" thick adobe stratum 21" below floor. The following lower strata noted: Under adobe, 24" of blown sand; adobe pavement.

Down drawing D-10 Sand stratum (cut vertically 45" fr. SE. cor.) ^{as the} ^{against} ^{layer} ^{to form} ^{apparent} wall; 4' h., extending under E. foundation & W. @ least 44" fr. E. wall. Similar cut face 32" N. of first. Purpose unknown. Stratified sand & adobe to pavement 10'6" below R. 242 floor.

In these ~~poor~~ strata, misc. early sherds & some with late hachure were found. No Mesa Verde fgts.

On W. side of room, a whitened pavement (?) 13" below floor slopes down gradually to S. end. No foundation under S. 2/3 of W. wall.

N-S. foundation, 27" w., passes under S. wall 25" fr. SW. corner; @ N. end of room, foundation is 22" fr. NW. corner. North 1/3 (within kiva) of subfl. N-S. founda. is 33" w.; increase all on E. side.

R. 242-A3

Subfloor kiva, of apparent 2nd type masonry, lightly plastered, as noted under R. 243 & 244, curved concavely to pass under W. wall 5'8" fr. NW. cor. & under E. wall 6'9" fr. NE. corner; kiva masonry is 25" thick. Floor of kiva lies 9'6" below room floor; bench, now razed, had been 27" h. N-S foundation, 33" w. within kiva & increase is all on E. side, rests on kiva floor & fills sub-floor ventilator passage. This proves kiva was open & clear when N-S foundation was built (of friable s.s., mostly dressed blocks from razed walls & laid in much adobe).

R. 242 N. foundation is offset 16"; W. foundation bulges in middle & abuts N. wall foundation. Both rest on kiva floor. Foundation of E. wall, including many dressed, friable s.s. blocks, rested @ kiva bench level. Solid masonry block, as secondary foundation to N. wall, ties with E. wall foundation 3' fr. NE. cor., parallels N. wall & unites with N-S foundation.

Ventilator shaft, 16" w. x 18" N-S, within a masonry block 3'8" x 4'3" N-S; its SW. cor. passes under W. wall 49" fr. SW. cor.; its NW. cor. is 15" fr. W. wall of room & 11'3" fr. NW. corner. Fill of kiva is adobe fr. razed walls

Storm vent

Room 242-B

card

6/15/22

Measures: N., 11'9"; E., 19'7"; S., 11'7"; W., 19'5". From N. floor offset to under side ceiling poles, 9'7"; to ceiling offset, 10'3".

Masonry of banded 4th type with larger laminate blocks dressed by pecking, as in 1st story. Floor offset av. 5" w. on all 4 walls. Ceiling poles had been placed in 3's with about 12" between each 3.

Doors: In N. wall, 4'6" fr. NW. cor. & 2' above floor offset, door 28" w. had been 4'2" h. before lower 7" was blocked. In S. wall, 4'8" fr. SW. cor. & 21" above floor offset, door 26" w. x 3'10" h. & 26" across sill.

Thru NE. corner, door 22" above floor offset, is 26 1/2" w. @ sill & 23 1/2" w. @ lintels x 3'3" h. Thru NW. corner, 25" above floor offset, door 27 1/2" w. x 38" h. E wall, N jamb 7' fr. SE corner.

Ventilators: In E. wall, 34" fr. NE. cor. & 5' above floor offset, vent. 12" w. x 14" h. A 2nd vent. @ S. end of E. wall, now broken down.

Repairs in 1922 included minor work on all 4 doors, much reconstruction on E. wall, much rebuilding on W. side to provide drainage around Kiva D.

Fill included 2' of fallen masonry above floor offset.

249
11875A

Minor by
#175 on
R. 242 2993

1922
repairs

Room 242-C

6/15/22

Masonry of banded 4th type, as in 1st & 2nd stories.
East wall stands 8'5" above floor offset in NE. corner.
Probable N. & S. doors, as in 2nd story.

Room 243-A.

3 cards

8/15/21

Between Rs. 180 & 244; N. of R. 242 & S. of R. 257. Not previously excavated.

Measures: N., 11'8"; E., 19'7"; S., 11'5"; W., 18'6". Floor to under side of beam holes, 6'9"; to ceiling offset, 8'1".

Masonry of banded 4th type with many of thicker blocks dressed by pecking. All corners tied; walls plastered & smoked.

Three pairs of E-W beams supported ceiling. Plank, 8" w. x 2" thick, had protruded from E. wall 11" fr. NE. cor. & 4'10" above floor.

Doors: In E. wall, 4'9" fr. SE. cor. & 5" above floor, a door originally 27" w. x 4'4" h., had been reduced by neat masonry fill, plastered, @ bottom; ^{19' x 2'10"} ^{24" across,} ^{18"} new sill slab introduced 23" above floor.

On latter sill, secondary jambs of plastered masonry, av. 4" th., are set back 12" fr. wall face @ sill & 20" @ lintels. These secondary jamb form sides of door in R. 180 & support secondary lintel poles, 1 1/2" dia., @ point 27" above sill, thus reducing original door to 19" w. x 27" h. Thus R. 180 was a storeroom.

In S. wall, 4'9" fr. SE. cor., door with sill @ floor level was originally 27" w. x 4'6" h. Lower ^{20"} part neatly filled with masonry & plastered over;

Room 243-B. / 2 cards

8/26/21

Second story room.

Masonry, like that of 1st floor, is of banded 4th type with many of thicker blocks dressed by pecking. Walls in good preservation except on E. which is warped & broken; all walls had been plastered.

Measures: With floor offset averaging 5" w. on N, E, & S, room is slightly larger than 1st story. East floor offset to ceiling offset, 11' ceiling, 9'3" est. N, 12'1" est. E, 20'5" est. S, 11'9" e; W, 19'4" est.

Doors: Door in middle E. wall, ^{14 1/2" fr. SE cor. & 3' above offset. 26" w. x 3' h.} Door in middle S. wall, 23" above floor offset, is 28" w. x 4'4" h. & 26" across sill; it had been blocked. Door in middle W. wall, 36" above floor offset, is 25 1/2" w. @ lintels & 27 1/2" w. @ sill x 4' h. & 27" across sill.

Ventilators: 2 vents in NE. corner, 1 into R. 180B & 1 into R. 181B.; 3rd vent in E. wall near SE. cor., also opens into R. 180B. In W. wall, blocked vent shows 6" fr. SW. cor.; companion vent, also blocked, @ NW. cor.

^{mess} ~~repairs~~ Repairs in 1921 follow unnatural curves of E. wall as only feasible way to strengthen it; wall would have fallen without these repairs. All doors repaired; also, wall seatings for 3 E-W ~~beams~~ beams.

Fill of fallen masonry to sill level of doors.

R. 243-B-2

243^c Third story walls show same type masonry as in 1st & 2nd stories. Floor offsets on all 4 walls average 6" w.; that on W. is about 8" w. East wall still stands to height of 6'9" above floor offset.

Door thru middle E. wall.

Ventilator, small, in E. wall near NE. corner. No other vents or doors now evident in broken walls.

Room 244-A

4 cards

6/1/22

Between R. 243 & 245; N. of R. 239 & S. of R. 256. Previously unexcavated. Measures: N., 16'; E., 19'4"; S., 17'3"; W., 19'3". Floor to N. ceiling poles, 7'2"; to E. ceiling offset, 7'9".

Masonry of banded 4th type except W. wall which seems mixed 3rd & 4th. Few of larger blocks are pecked. Plaster covers much of wall surfaces; is smoked by fire which consumed ceiling timbers. North & S. walls tie with E.; abut plastered W. wall. Finger marks show plainly in plaster. Ceiling was supported by 3 pairs of E-W beams; split cedar over poles.

Doors: In N. wall, 16" above floor & 7' fr. NE. cor., blocked & plastered door 22" w. x about 40" h.; In E. wall, 4" above floor & 9' fr. NE. corner, door orig. 27" w. x 4'2" h.; lower 14" blocked & plastered over, large slab 28" across introduced as new sill & door reduced to 3' h. Inset adobe jamb slope upward & outward for support of door slab; rest on new sill, 18" above floor. In W. wall, 5'9" fr. SW. cor., is blocked & plastered door 37 1/2" w.; slab above decayed lintel poles lies 12" above floor.

Ventilators: In E. wall, 6 1/2" fr. SE. cor. & 3'9" above floor, blocked & plastered vent. was 14" w. x 19" h. A companion vent., also blocked & plastered over, is 17" fr. NE. cor. & 4'6" above floor; measures 13 1/2" w. x 14" h.

R. 244-A-v

AED, 1945: JPB #5 = 1850 + x; #6 = 1102 + 5; #7 = 1078 + x
#8 = 1078. Smiley readings, 1N2.

Fill: Blown sand, av. 1" thick, accumulated on floor before ceiling collapsed & burned. Beams lay from 1' to 4' above floor; charred ceiling poles & split cedar present. Masonry fallen from upper stories had settled thru burned timbers; filled space above them. Sand washed down SW. corner to form pile 4" deep in corner, spread out 4'.

Finds: Resting on floor near middle & covered by blown sand, were 3 inlaid bone scrapers, found by Ruppert. Fgts. of corrugated cooking pot & misc. sherds; several sherd pot smoothers under sand layer along S. wall; 1 door slab slightly used as grinding stone; 1/2 metate; 8 manos & fgts. of 3 others; 2 smoothing stones; 5 stone hammers; fgts. of 4 stone jar covers - all in debris, mostly above floor. Two human footprints in adobe floor; 1 in SW. cor. & 1 in NE. corner. Latter, of right foot, measures 8 1/2" x 3 3/4" across ball of foot.

Subfloor: Base of S. wall masonry lies 17" below floor; N. wall & its foundation, 14" h., abut plaster on W. wall. Plaster on E. wall ends @ floor level but finished masonry extends 17" below floor to rest on 14" h. foundation of large blocks coarsely laid in abundant adobe.

R. 244A-3

Subfloor: A 2nd floor or work surface under 12" of raged wall adobe; 3rd @ depth of 27". Second (@ 12") overlies partly raged N-S wall 18" w. x 20" h., of apparent 4th-type masonry, on a 15" h. foundation that parallels W wall @ dist. of 31" & passes under both N & S. walls @ depth of 4'. Apparent work surface @ 27" but floor @ base of 20" h. wall rounds off to a 2nd layer of plaster on W wall @ sill level of blocked W door (31" below R. 244 floor). Orig. wall plaster extends 26" lower, to floor @ depth of 4'9" but masonry continues another 13" there to rest on a partly raged wall whose E face parallels W side of room @ dist. of 14" & is veneered with 4" of adobe & s.s. spalls. Lower wall, raged to within 12" of its 24" h. foundation, has an associated floor @ depth of 6'9". Test hole ended @ an apparent pavement 9'10" below floor of R. 244.

R. 244A-4

Subfloor kiva: Plastered inner face of 2nd-type kiva noted under R. 243 emerges from under E side of 244 @ point 7'4" fr. NE corner & passes under S. side 3'7" fr. SE corner. Foundation of E wall, 14" h., rests on kiva masonry @ depth of 31" but continues, within kiva, to its floor @ depth of 10'. Kiva wall is 18" th with an additional 6" as ceiling-pole offset 6' above kiva bench. Bench, partly raged, was 26" w. x 22" h.

R. 244-B

2 secondary lintels 3" below main lintel poles.

Ventilators: In W. wall, 31" fr. NW. cor. & about 5'9" above floor, blocked & plastered vent., 13" square. A companion vent., 12" w. x 11" h., is 6'10" fr. SW. corner. In E. wall, 13" fr. NE. cor. & 5'2" above floor offset, is a blocked vent., 13" square. All vents. have stick lintels.

Repairs: In S. 1/2 of W. wall, above 3 vent. & between it & W. door, 2 small areas show repairs by ancient occupants. Generally larger blocks of s.s. were employed & were less evenly laid.

In 1931 we repaired the damaged SE. corner door; minor repairs were made on the other 3 doors.

Room 244-C. Broken sections of 3rd story walls still stand on all 4 sides, that on S. to height of 5' above floor offset. North & E. walls somewhat resemble 3rd type masonry with laminate s.s.

Room 245A

4cds

Blocked N. door from R. 247 not reported.

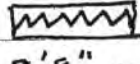
7/30/21

First floor room not previously excavated. W. of R. 244; N. of Kwa J & R. 238.

Measures: N. 9'7"; E. 14'5"; S. 9'2"; W. 14'4". Floor to beams, 5'11"; to cedar ceiling splints, 6'9" — unusually low. Beams: 2 pair, in middle, supported N-S. ceiling poles. In S. wall 9 1/2" dia. hole marks position of beam end from razed room next on S.

Fire had destroyed ceiling & R. 245B.

Masonry: banded laminate s.s.; walls plastered & smoked.

No ventilators, no wall recesses. In S. wall, several stones with incised zigzag . In E wall, holes for 2-2" sticks 4'4" above floor 3'11" & 8'8" respectively from NE corner for wall pegs.

Doors: In E. wall, 5'3" fr. NE cor., is 3'2" w.; lintel poles show three wall plaster 4 1/2" above floor. Door blocked, upper 13" of wall masonry; below, blocking slabs protrude 10". Sill not cleared. S. jamb of this door is abutted by subfloor cross wall. W. wall 14" from SW cor. & 3'11" above floor, 21" w. x 3'3" h.; secondary adobe jambs

R. 245A-2

reduce sill width to 18", @ lintels, to 16". Lintel poles burned out. Within door, 15" from wall face, masonry step full width x 16" h. x 9" w. leading to R. 246-B, next on W. Tread formed by hewn plank, now charred. Imbedded in floor below door, 11" fr. W wall & 12" fr. S. is pine post 8" dia. x 24" h. as step. On its NE^{side}, 11 1/2" below top, is hole 1 7/8" dia. x 1 5/8" d., in middle of 3" dia. "cup"-identifying post as salvaged pilaster log.

Posts: 4, each burned to floor, are: (a) 5" dia., 4" fr. N. wall & 4'6" fr. NE cor.; (b) 4 1/2" dia., 10 1/2" fr. S. wall & 4'3 1/2" fr. SE corner; (c) 8" dia., 29" fr. E. wall & 4'6" fr. S.; (d) 9" dia., 4'8" fr. blocked E. door & 6'7" fr. S. is abutted by subfloor cross wall.

Fill of fallen wall material, burned red, lying upon dry sandy earth & ash av. 1" th. but, in SW cor., pile is 5' h. & extends into W. door. dump (?)

Findings: from fill, 6 metates (4 broken), 24 manos & frags of 5 more, 26 hammers, misc. sherds, charred corn cobs & squash rind, basket frags., chips of flint, obsidian, & silicified wood. + corded spec.

R. 245A-3

from lowest floor of "chamber" to present top of S. wall, 12'7".

Subfloor chamber 2'4" d., occupies S. half of room; it had been filled with constructional debris & floored over with adobe rounding off with wall plaster. Earlier wall plaster continues to & rounds off with floor of chamber @ depth of 2'4". Plaster on N side rounds off with W wall 7'4" fr. SW. corner & abuts W side of central post; Thence, from N. side of same post wall extends to & abuts E. side of room 6'1" from SE corner @ S. jamb of blocked subfloor E door.

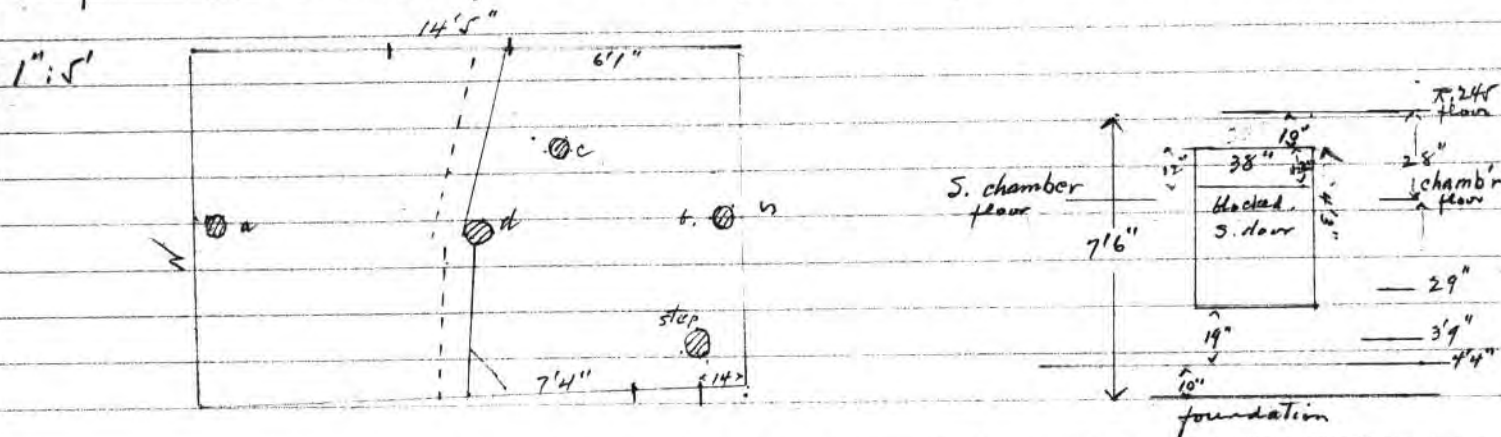
Test pit against middle S. wall of chamber shows 3 earlier ^{rooms} floors @ depths of 2'5", 3'9", & 4'4" ^{below chamber floor}, each separated from the other by constructional debris with cedar bark, twigs, & sand, & occasional sherds. R. 245 masonry ends 10" below lowest floor, 7'6" below the room floor. Rudely blocked S. door 2'6" fr. SE cor. & 19" above lowest floor^{@ 6'8"} is 38" w. x 4'3" h.. When blocked, recess 12" h. & full width^{@ door} was left under lintels; plaster on floor & sides of recess continues to chamber floor. Recess blocked when chamber was abandoned & filled.

R. 245A-4

on step (?)

NW corner of "chamber" occupied by bench $14\frac{1}{2}'' \times 2\frac{1}{4}''$ across face. N wall of "chamber" slopes outward slightly @ top. Post step in SW corner was placed after "chamber" was filled for its bottom is $10\frac{1}{2}''$ above floor of chamber. Post ends square cut.

N. ent test pit Outside N wall of "chamber" is rough & unplastered; fill outside is debris of reconstruction. No floors encountered in E side test pit $2'6''$ deep. A.E. Douglas, 1945; JPB# 1 = 1050 + x



Room 245-B

1/11

9/22/21

Second story room not previously excavated.

Measures: N, $10'$; E, $14\frac{1}{2}''$; S, $9'4''$; W, $14'3''$. Beam holes in S. wall $7'10''$ above floor. Ceiling poles, $8'6''$ etc.

Masonry of small, laminate s.s. blocks with limited banding; walls had been plastered.

Shelf at N. end, $4'3''$ w., evidenced by 6 small pole holes $5'2''$ above floor.

Door in E. wall $5'2''$ fr. NE. corner & $29''$ above floor level is $22''$ w. @ lintels, $25''$ w. @ sill $\times 31\frac{1}{2}''$ h. $\times 26\frac{1}{2}''$ across sill. $10''$ below sill is shallow concavity $2''$ deep $\times 24''$ w. $\times 21''$ h.

Door in W. wall $6'2''$ fr. N.W. corner & $26''$ above floor level is $20\frac{1}{2}''$ w. @ top, $22''$ w. @ sill $\times 37''$ h.; plastered jambs.

Fill of fallen masonry evidencing destruction by fire.

Finds: frags. of a drilled shell.

Repairs in 1921: E. door patched & new lintel placed.

Repairs

Room 246-A

3 cards

8/11/21

First floor room between R. 245 & S.E. corner of square including Kiva E; not previously excavated.

Measures: N., 9'5"; E., 14'3"; S., 9'6"; W., 14'2". From floor to beam holes, 10'7"; to R. 246-B. floor offset, 11'10". Floor to present top of S. wall, 20'6".

Masonry an apparent mixture of 2nd & 3rd types — laminate s.s. with interrupted banding & more large blocks than customary; chips used for chinking. Walls retain part of plaster. No wall recesses. Three pair of beams indicated by holes.

Door in N. wall 3'6" fr. NE. corner with sill @ floor level was 28" w. x 45 1/2" h., sill to upper lintel; 6" below these & 1 1/2" from wall face, 2 pole lintels support masonry fill & doubtless served as supports for door slab. Door had been blocked.

Door in E. wall 6'8" fr. NE. corner had been neatly blocked before last floor was laid 7" above its sill level; originally door was 28 1/2" w. x 44" h. Sill probably secondary one for it extends 11" from wall & rests on rough masonry fill.

R. 246 A-2

Wall pegs evidenced by 4 small (2") holes in W. wall 9'8" above floor: 1 pair placed 9" & 16" fr. S.W. corner; the other, 17" & 3'6" respectively from the NW. corner.

Fill of upper half = fallen wall material much of which shows effect of fire; below this is layer of ash & floor sweeping averaging 1 ft. thick but sloping down sharply N, E., & S., as though a hatchway above or the now broken recess @ the floor level of R. 246 B. had served as a debris dump; below this layer, quantities of cedar chips & splinters, the apparent gleanings from an old wood pile, averaging 2 ft. thick; below this, debris of reconstruction av. 3 ft. thick.

Finds: misc. sherds found in 2nd & 3rd layers; among cedar splinters, frags. of matting, yucca cord of various sizes, corn cobs, squash seeds & rind & stems, animal bones, etc. Flat among cedar chips or leaning against W. wall were 3 large s.s. door slabs & frags. of 4 others. Among uncataloged objects left in room are: 15 manos & 18 frags. of others; 2

Shards found in R. 246 & 255 belong to same vessels; no connecting opening.

R. 246 A-3

metates & frags of 4 others; 28 hammerstones; 2 crude grooved mauls; 2 smoothing stones; frags of 3 s.s. jar covers & half a stone disk $15\frac{1}{4}$ " dia. x $1\frac{1}{2}$ " thick; a small stone on which an ax had been sharpened, & several pieces of silicified wood. Also, a s.s. slab $10\frac{1}{4}$ " w. x 4" l. x 1" thick.

Since there were no openings to which they belonged the 3 door slabs were removed for use elsewhere as sills in door repairs. ^{Among shreds, an unshipped, unpainted R. forearm fr. human effigy. Broken @ elbow, arm clearly rested on thigh, hand cupped on knee.}

Sub-floor tests revealed earlier, uneven floors @ depths of 12" & 20" respectively; between floors, debris of reconstruction. Testholes dug to lowest of 2 floors in SW. corner & from E. door $\frac{3}{4}$ of way across room. Lowest floor covered layer of stones, as in R. 248 A, next on N.

Bones identified: *Odocoileus hemionus* (mule deer).

Room 246 B.

2 cuts

8/6/21

Second floor room not previously excavated.

Measures: N., 9'9"; E., 14'3"; S., 9'7"; W., 14'5". Floor to S. ceiling poles, 7'8"; wall extends 10" above these pole holes.

Masonry of 3rd type = banded laminate s.s.; spalls used as chinking between & under thicker blocks. Walls repeatedly plastered.

Door in E. wall 5'11" fr. S.E. corner & 26" above floor is 28" w. x 43" h. x 24" across sill which is a fine s.s. slab. On each jamb, 3" h. masonry rests for door slab lie $7\frac{1}{2}$ " fr. wall face @ sill & 16" @ top.

Second door, 19" fr. S.E. corner & @ floor level is $20\frac{1}{2}$ " w. x 28" h.; with 1 step it leads down into R. 245 A. Lintel sticks, stepped down, had burned out; door also equipped with rests ^{246B} for door slab @ Blocked E. door, plastered over, is 22" fr. S.E. corner & 30" above floor; was 20" w. x 34" h.

Door in N. wall 3'10" fr. N.E. corner & 17" above floor was 25" w. x 35" h.; now blocked & plastered over.

Door in W. wall, 6' fr. S.W. corner & 41" above floor; hewn planks formed sill; lintels lost with broken wall; door 28" w.

R. 246 B-2

Recess in N. wall, 32" fr. SW. corner & 26" above floor is 18" w. x 10" h. x 14" deep; plastered inside. Possible recess in W. wall, 5'11" fr. SW. corner & 26" above floor noted in broken wall masonry; may be former door, now blocked & partly obliterated due to rebuilding.

Shelf against S. wall ~~4'2"~~ indicated by poleholes in E. & W. walls, 4'2" from floor & 5" & 14", respectively, fr. SW. corner.

Fill of fallen masonry showing evidence of intense heat. Fused sand & sandstone clinkers; chunks of roof adobe burned hard. Weight of fill had crushed floor, remains of which still cling to side walls.

Finds; a metal lay among fallen masonry just below floor level.

Room 247A

2 cells

to ceiling poles set 7'3"

8/19/21

First floor room N. of R. 245; between Rs. 249 & 256. Not previously excavated.

Measures: N., 9'1"; E., 20'5"; S., 9'3"; W., 20'10". Floor to ceiling beam holes, 6'7"; to ceiling offset, 8'2". Three large E-W beams.

Masonry evidences reconstruction — W. wall of 2nd type with laminate s.s. & spall chinking; E. wall is 4th type (perhaps S. also) with little chinking. North wall, of rough masonry, a partition built in under a ceiling beam; it stands 16" N. of corresponding wall in R. 247B, which rested on a beam ^{above ceiling offset.} Walls plastered & smoke stained.

Door in W. wall, flush with N. wall & 27" above floor, had been 25" w. x 28" h.; had been blocked (from R. 251) leaving rough face & recess 14" d. in room. This door obviously cut thru when N. wall was built for latter forms its N. jamb while S. jamb is equally rough; longitudinal poles in wall utilized as lintels.

Fill: lower 2' consisted of loose, earthy deposit containing ^{27³²} misc. sherds, squash seeds & rind; corn-cobs, frags. of basketry, matting, & cord. In this, about 20 bundles of cedar bark, loosely tied. like Orig. 376 from R. 250

Originally, Rs. 247A, 250, & 252A probably formed a single room.

R. 247A-2

Several cooking pots, on floor against E. wall, had been crushed by collapse of ceiling. Above this 2' layer, fallen masonry.

Finds not saved: part of large metate; 4 manos; 7 hammers.

Subfloor tests show N. wall built on 12" layer of adobe chunks which ends 4' ^S from wall; 8" dia. post, as support, for northernmost of 3 beams, stood 4' fr. N. wall & 2'7" fr. E. wall. Wall masonry extends 5'7" below floor to small-stone foundation. Tests against middle S. wall shows earlier floors @ depths of 21" & 44"; fill between them consisted of debris of reconstruction with occasional cedar bark shreds.

Door in S. wall, 4'4" fr. SW. corner, was 25" w. x 4'7" h.; had been blocked & plastered above ~~at~~ floor @ 21"; sill was hewn plank; small pole imbedded horizontally in fill 8" above sill. Pole 3'6" l., imbedded flush with masonry 18" above original floor. East jamb of this door a tabular metate, worn thru, rested on floor @ 21" & leaned against E. jamb of this ^{blocked} door. In front of metate a 3" depression extended across the room - the result of floor settling.

1923 tests show subfloor wall 23" w. passing under N. wall 16" from NE. corner; height varies fr. 3" to 6"; completely razed 5' fr. N. wall.

Room 247-B (North)

1 card; but see R. 247B (South)

1/23/21

Second story room excavated by Pepper but inaccurately located on his groundplan. See his N under # 21.

Measures: N, 10'2" ^{NW}; E, 11'3"; S, 9'7"; W, 10'6". East wall now rises 7'10" above 7" w. floor offset which carries a few split cedar sticks of 1st story ceiling.

Masonry of 3rd type tending to 4th. Smoke-stained plaster in SE. cor. shows walls had been plastered. South wall stood on a R. 247A. ceiling beam; N. wall rested on a log above 2nd story floor offset. These beams had rotted, letting walls settle; both walls removed during excavations but positions indicated by protruding blocks left in making 1921 repairs. Remains of ceiling poles show in N. & S. walls.

Door in E. wall 37" fr. SE. cor. & 32" above floor is 28" w. x 27" h.; neat blocking apparently reducing orig. height of 3'7". Lintels replaced in 1921 repairs. Door in W. wall 7'9" fr. NW. cor. & 26" above floor shows 21" w. x 3'6" h. Lintel missing; masonry @ lower S. side had fallen.

Ventilator (?) in W. wall @ floor level & 13" fr. NW. cor. was 14 1/2" w. x 14" h.; had been blocked.

Room 247-B. (South) ^{1 card; but see R. 247B (North)}

8/2/21

Second story room not previously excavated. Adjoins R. 247B-north (Pepper's #21) which had been excavated)

Measures: N., 9'9"; E., 4'3"; S., 9'10"; W., 4'10". From floor offset to ceiling offset, 8'9"; to cp., 8'3" ±

Masonry of banded laminate s.s. — Third type tending to 4th. North wall rested on S. ceiling beam of R. 247A; wall, settled & broken thru rotting of beam, removed during excavations but position indicated by stones left protruding in making 1921 repairs. Here as elsewhere the orig. wall was held in place by alternately tying & abutting the masonry, at approximately 2 ft. intervals.

Fill: of fallen wall material — stones & adobe. All timbers had burned out. No artifacts recovered.

Blocked opening in W. wall @ floor level & 26" fr. SW. corner had been 14" square.

Shelf 35" w. against S. wall 4'4" above floor offset indicated by 4 pole holes in side walls; left little space between shelf & N. wall.

Probable storeroom entered thru hatchway.



Room 248-A.

^{2 cards}

E. of Kiva E.; between R. 246 & 249; W. of R. 247. 8/4/21

First story room not previously excavated.

Measures: N., 9'3"; E., 9'5"; S., 9'4"; W., 9'. Floor to beam holes, 12'2"; to ceiling offset, 13'6"; to ceiling poles, 13'.

Masonry indefinite; suggests 2nd type built with laminate s.s. & a few blocks of dressed, friable s.s., chinked with spalls. But little banding except in E. wall. North wall, a partition unevenly laid of misc. salvaged stones; apparently built from R. 249 side for lower 3 ft. is only 1 stone ^{thick} wide; thicker above with overlap in R. 248.

Door in S. wall, 3'7" fr. SE. corner & 18" above floor was 26" w. x 3'10" h.; had been blocked with unshaped stones.

Fill: Lower 3 ft. of sand with occasional chunks of wall adobe; above this, debris of occupation with adobe fr. razed walls varying in depth fr. 5' @ S. to top of N. wall (12'4" above floor)

Finds from debris: Misc. ¹⁴¹⁴ sherds, frags. of mats & baskets; corncobs, squash seeds & rind; 18 hammers, 3 manoir & frags. of 4 others; several pieces of silicified wood. No artifacts in lower sand fill.

R. 248-A-v

Subfloor tests show base of E. & W. masonry 10" below floor. Their foundations continue as rock fill, w. 5" thick & laid in adobe, thinning out to single layer of stone @ middle of room. Over this fill hard, ash-bearing earthy clay as base for floor.

Room refilled to depth of 3 ft. — to thicker part of N. wall. (From floor to present top of S. wall in R. 248-B, is 20'6".)

Bones brought in identified as: *Thileagris gallopavo* (will turkey) & *Odocoileus hemionus* (mule deer).

Room 248-B

1 curd

7/29/21

Second story room, not previously excavated, N. of R. 246 & between R. 247 & square inclosing Kiva E.

Measures: N., 9'9"; E., 5'; S., 9'10"; W., 4'5".

Masonry of banded laminate s.s. — 3rd type construction. Walls had been plastered several times; last layer, whitened. Floor offsets average 4" on E., 6" on W., 2" on S.; none on N. North wall built on beam resting on floor offsets; wall had collapsed with rotting of beam; was joined to sides by alternately tying & abutting 2 ft. sections. Position of wall indicated by protruding blocks in 1921 repairs.

Door in S. wall 4' fr. S.W. corner & 2' above floor was 23½" w. x 21" h.; had been roughly blocked to form recess 13" d. x 19" w. @ rear. Lintels gone; a stick in front supported slab sill.

Door in N. wall (see notes on R. 249-B)

Ventilator (?) in E. wall @ floor level & about 24" fr. SE. corner was about 14" square; now blocked.

Fill consisted of fallen wall material showing action of fire. In this, frags of 3 manos & several potsherds.

Room 249-A

4 ends

7/25/21

First story room NE. of Kiva E., W. of R. 247 & S. of R. 251.
Not previously excavated.

Measures: N., 9'6"; E., 6'10"; S., 9'4"; W., 7'6". ceiling poles, 7'9"

Masonry: Indefinite — a hybrid 2nd & 3rd type, rather unevenly built of banded laminate s.s. walls had been heavily plastered. Room divided, subsequent to construction, into an Upper & a lower chamber.

A-1

^{E-W} TOWER CHAMBER

Ceiling: 4 beams av. 4" dia. — 1 near S. wall; 1 in middle; 2, butt ends opposite, next N. wall 7' above floor. Upper S. wall apparently rebuilt to provide 5" offset for ceiling poles. Needs had covered ceiling cross pieces, with adobe floor above needs. Wall stones had been removed fr. E. & W. walls to provide beams with 2" seating @ each end.

Door in N. wall 3'8" fr. NE. corner & 35" above floor was 27" w. x 31" h.; it had been blocked to leave a well-plastered recess 12" d. & full height of door. Cedarbark on lintel poles supported adobe of wall masonry.

R. 249A-2

Door in W. wall 17½" fr. S.W. corner & 19" above floor was 15" w. x 3'7" h.; it had been blocked to form plastered recess, 11" deep. Its lintel poles had completely rotted.

Hatchway in SW. corner evidenced by a charred, hewn plank 5" w. x 26" l. with chunks of rounded adobe found on floor @ this point.

Shelf against E. wall supported by 4 - 4" poles set in N. & S. walls 3'8" above floor; shelf about 40" w. & surfaced with adobe as perch for macaws. An inch or 2 above shelf & flush with NE. corner is N. wall recess 22" w. x 12" h. Front of shelf broken down to floor with collapse of ceiling.

Finds: Several broken vessels on floor & in debris above had come down with collapse of upper floors. 4 macaw skeletons (all are macaws) & skull of another were found on S. half of room, near floor & among chunks of adobe from broken shelf. Piñon shells & squash seeds suggest food given birds; many charred corn cobs also found. Bird droppings on floor & on adobe of shelf show macaws were kept alive in this dark, doorless chamber.

R. 249A-3

Finds left in room: a broken metate; 4 manos & frags of 3 others; 7 hammerstones; misc. frags. of flint & silicified wood. Most, if not all, of these came from upper chambers with collapse of their floors.

Among bones identified: ^{4 skeletons of} Ara macao (Macaw); Ara sp.; Buteo sp.; Meleagris gallopavo (wild turkey); Lepus californicus (jack rabbit); Sylvilagus auduboni (cottontail rabbit); (Cervus canadensis) Elk.

A-2

UPPER CHAMBER

Walls continue from those below & had likewise been plastered. Heavily smoked plaster @ W. end suggests former fireplace but no trace of this noted in debris. est. pure height 5'2"

Heavy, est. 4 1/2" high

Ceiling supported by 3 E-W. pine beams av. 10" dia.; on these, N-S. ceiling poles supported split cedar sticks. These are characteristic of 3rd & 4th period masonry & thus indicate time of building, or alteration, of room. Both floor & ceiling had

R. 249-A-4

been crushed down into lower chamber by masonry fallen from 2nd story. Some of timbers had been burned thus suggesting fire had contributed to destruction. Ceiling offset to floor of lower chamber, 13 feet. Lacking doors, room must have had ceiling hatch.

Opening in W. wall 19" above floor is 21" w. x 18" h.; its lintel is of hewn boards with 2 sticks, 1 above the other, under inner edge of front plank. North jamb is rounded by adobe mass 4" thick & 12" w.; imbedded in inner front edge of this, a willow slants up & back from sill to 2 overhead sticks as possible rest for door slab.

Shelf of hewn plank, 9" w. & 23" above floor rested against N. wall flush with NW. corner; shelf was broken down, hence no length.

Recess in W. wall, flush with SW. corner & 3'6" above floor is 15 1/2" w. x 25" h. Beginning 16" above ~~the~~ sill of this recess is ventilator 11 1/2" w. x 9" h., whose walls slope upward & outward as gradually rounding flue to floor level of small rooms overlooking Kiwa E.

Finds: a large, roughly-chipped jar cover & several potsherds. But many of finds in lower chamber doubtless came from this upper one.

This opening in other blocks fr. outside for water, & higher level adjoins up to terrace platform east of Kiwa E.

Room 249-B.

1 card

7/27/21

Second story room overlying R. 249A. & part of R. 248A. Partially excavated by Pepper but abandoned because evidence pointed to destruction by fire. (See his notes for R. 22) Inaccurately located on his groundplan.

Measures: N., 10'; E., 10'3"; S., 9'9"; W., 11'3". Highest wall, on E., now stands only 5'5". to sp. 8'6" e

Masonry of uniformly small laminate s.s. blocks banded with dressed blocks of friable s.s. — 3rd type. Traces of plaster. South wall built on log above floor level; log had rotted causing ^{partial} collapse of wall. Other walls were continuations of those below. N. wall repaired in 1921.

Door in S. wall 4'2" fr. SW. cor. was 22" w.; lintels lost with collapse.

Door in E. wall 10 1/2" fr. SE. & 24" above floor is 27 1/2" w.; lintels gone.

This door appears to have been blocked from R. 247B.

~~T-shaped~~ Door in W. wall had been T-shaped, with lower portion 25" w. x 33" h. placed 6" above floor & 17" fr. SW. corner. Upper part, offset 10" on N. & 11" on S., later blocked off flush with jamb of lower section. Lintels lost with upper wall. Blocked ventilator @ floor level below E. door was about 11" square; 2nd ventilator in E. wall @ floor level & 12" fr. NE. corner, also blocked.

Room 250

1 card

2 bundles = lot No. 335362

8/26/21

Passage under S. end of R. 252B, connecting R's 251 & 256.

Measures: N., 9'3"; E., 32" @ top, 37" @ floor; W., 27" ^{5'9"3"} floor to beam lying directly on S. wall, 3'9"; 5'3" to ceiling offset. Upper 8" of N. wall had fallen. floor to ceiling poles, 4'7".

Masonry of E. & W. walls is that of R's 247 & 252, originally one; that of N. & S. walls, of laminate s.s. masonry, laid & abutting plaster of adjoining walls. Passage thus indicated as of later construction.

Floor lies @ sill level of E. & W. doors; rests on debris of reconstruction in which occasional sherds occur. (2" thick)

Door at E. is 5" fr. SE. cor.; is 27" w. x 27" h.; plastered rests for door slab on each jamb begin 13" fr. face of wall sloping up & out to lintel poles. Door @ W. end is 2" fr. NW. cor. & is 19 1/2" w. x 24" h., plastered on N. jamb only; S. jamb formed by pine post 10 1/2" dia., half imbedded in masonry. Heun plank 19" l. (= thickness of wall) rests on post to support lintels. (orig. # 326 = 1 doz. bark bundles among roof timbers)

Bones identified as: *Cervus canadensis* (elk); *Odocoileus hemionus* (mule deer).

Room 251A

Plans & sketch of
measured standards on wall.

8/25/21

First story room between Kiva F & R. 252; N. of R. 249.

Not previously excavated.

Measures: N, 9'9"; E, 17'6"; S, 9'6"; W, 17'. Floor to ceiling beams, 5'5"; to ceiling offset, 6'8"; to ceiling poles, 6'2"

Ceiling: Partly charred ceiling poles had sagged to within 4 ft. of floor under weight of fallen walls of 2nd story; split cedar & bark above poles were unburned tho smoked on under side.

Masonry chiefly of laminate s.s. with spalls for chinking; several large irregular blocks in N. wall but no attempt at banding. Smoked plaster adheres to all walls. Unevenness of masonry & indefiniteness as to type suggests repairs or reconstruction.

Door in E. wall 36" fr. SE. corner & 21" above floor is 22" w. @ top, 25" w. @ sill x 27" h. & 19" across sill slab; S. jamb is pine post set back 5" fr. face of wall with hewn plank on top supporting 6-3" pole lintels. Door led into passageway, R. 250. Blocked door in E. wall flush with SE. cor. was about 25" w. x about 28" h.; formerly led into NW. corner of R. 247A. Boring fr. S. jamb post, JPB # 50 - no date. (Neg. 15866A)

R. 251A-v

Door in S. wall 3'9" fr. SE. cor. & 28" above floor is 23 1/2" w. x about 28" h.; it had been blocked. Door in N. wall 5'10" fr. NE. corner & 26" above floor is 22" w. x 25" h.; a plank 6" w. x 1/2" thick serves as front lintel - others not present. Secondary jambs.

Door in W. wall 12" fr. SW. cor. & 16" above floor is 28" w. x 5' h. Five pole lintels @ front are stepped sharply upward to hewn plank, 6'3" above sill; thence pole lintels westward @ same level.

1921
repairs
This door repaired & decayed lintels replaced in 1921.

Ventilator(?) in W. wall 21" fr. NW. corner & 5'2" above floor is 30" w. x 17" h.; masonry blocking against its plastered jambs leaves recess 9" deep. Position immediately under ceiling offset with sill sloping upward & outward suggests this blocked opening once formed ventilator (possibly a rebuilt door) to Kiva F. terrace.

Ventilator in E. wall 4'3" fr. NE. cor. & 3'6" above floor is 16" square & 22" across its sill; stick lintels.

Fill. Room partly filled with debris of occupation containing misc. sherds; corn cobs; squash rind & seeds. Most of this debris

R. 251A-3

had been dumped into room thru big SW. door before ceiling collapsed since rubbish filled door to lintels & spread out fan-wise over S. half of room. In this debris, on floor at S. end, were 5 very heavy, trough-shaped metates. They were left in room. A small piece of unworked sulphur was found in SW. door.

Sub-floor test in S.E. corner revealed earlier floor @ depth of 6'3". Masonry of lower walls is more regular than that of room as last occupied; walls unplastered below upper floor. Fill between floors consists of debris of reconstruction & blown sand. Door, roughly blocked, in S. wall 3'7" fr. SE. cor. & 19" above floor measured 27" w. x 38" h. to lower set of lintels; upper lintels separated from lower by 5" of masonry. Blocked door in E. wall 3'5" fr. SE. cor. & 25" above floor was 28" w. x 3'9" h.

Another floor lay 6" below 2nd & separated from it by sandy adobe. East wall masonry ends 1" below this lowermost floor. A 4" dia. pine post, 3" fr. E. wall & 5'7" fr. SE. corner, stood directly below a beam hole; pole fibers traced from 4'6" above to 6" below lowest floor.

R. 251A-4

Test hole @ N. end revealed loosely laid, mostly adobe, foundation of N. wall immediately below floor level & resting directly upon partly razed, 2nd type wall (large, dressed s.s. blocks, chinked about). Base of E. wall is 6'8" below floor of R. 251 & masonry is same thruout. Floor associated with earlier N. wall lies 7' below that of

R. 251. East 14" of sub-floor N. wall is like E. wall masonry & is tied with it. Upper NE. corner in same vertical plane as lower but upper NW. corner overhangs lower by 8". West wall of R. 251 abuts 2nd type, N. wall. A 4" dia. post stands against N. wall 3" fr. NW. cor.

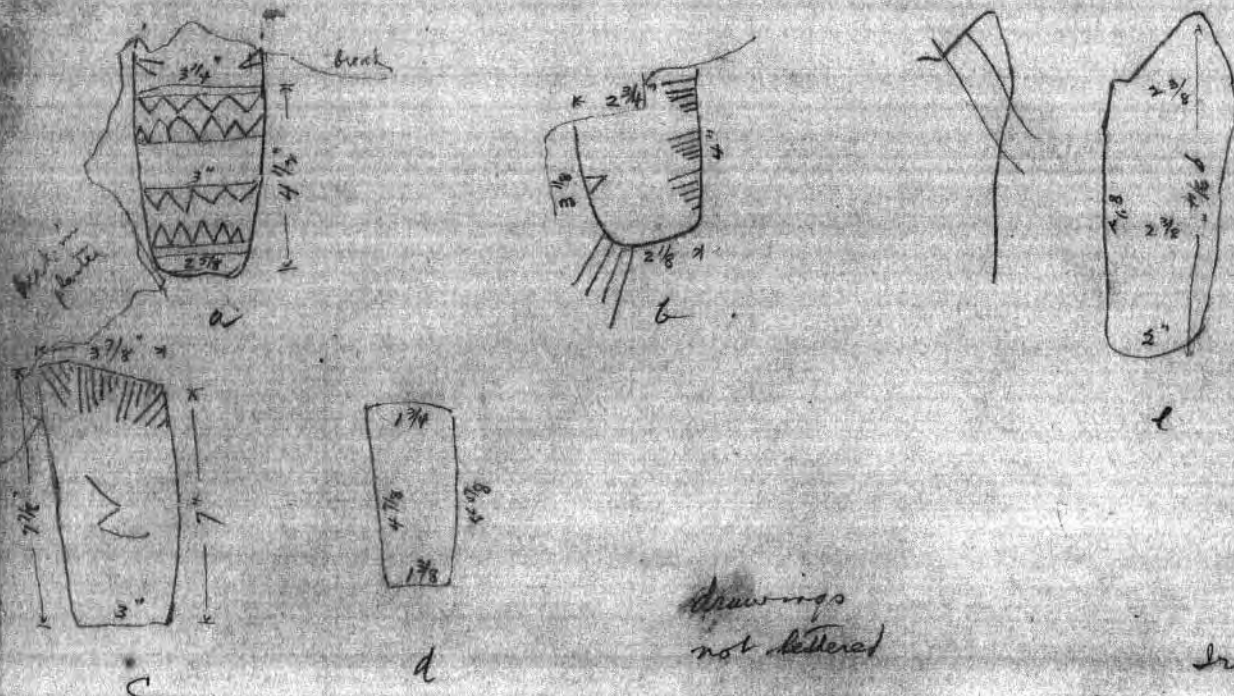
Bones identified: *Ara macao* (macaw); *Meleagris gallopavo* (wild turkey); *Pica pica hudsonia* (maggie).

R. 251B. Broken S. wall stands 6'6" above floor offset; masonry more regular & uniform than that of 1st story.

R. 251A

Incised drawings ^{of sandals} on plaster of S. wall of R. 251.

Fig. 9

Drawings
not lettered

Irwin E.

Drawn by Alleman

Room 252 A.

2 cards

8/26/21

First story room between Rs. 251 & 258; S. of R. 263. Formerly one with R. 247. Not previously excavated.

Measures: N., 9'6"; E., 10'9"; S., 9'5"; W., 11'4". Floor to beam holes, 5'6"; to ceiling offset, 7'. to ceiling poles, est. 6'6"

Masonry: W. wall, of laminate s.s. strongly suggests 2nd type; E. wall is 4th type; N. wall less definitely 4th type. Walls were plastered.

Door in E. wall 13" above floor & 5'6" fr. NE. corner is 25" w. @ lintels, 27" w. @ sill x 38" h.; sill slab is 39" long. Lintel poles rotted hence door not cleared of fill. Door in W. wall 26" above floor & 4'2" fr. NW. cor. was 16" w. x 36" h.; had been partly blocked fr. R. 251 to leave ventilator 16" square.

Wall peg - 3" dia. hole in S. wall 34" above floor & 7" fr. SE. corner.

Sub-floor test against N. wall revealed earlier floors @ depths of 13"; 2'7"; 3'11"; 5'4"; in each case, fill between mostly debris of reconstruction. In N. wall 20 1/2" above lowermost floor & 37" fr. NE. cor. is door 24" w. @ top, 28" w. @ sill x 5'9" h.; it had been neatly blocked to point 23" above its sill where a hewn
Top of door 21" above upper floor.

R. 252A-v

plank 8" w. x 2" th., was inserted endwise next E. jamb. On W. side of plank a stone protrudes 5 1/2"; above this point blocking is less well done with a 2nd plank, ~~part~~ of comparable size, protruding 13" above the 1st. Purpose of planks not apparent. North wall foundation consists of single course of stones av. 4" thick.

Sub-floor test in SE. corner reveals base of S. wall 3" below ^{upper} floor ^{on 10" ~~height~~} ~~simple~~ course of loose stones, W. side of which is 32" fr. E. wall, parallels latter on 2nd floor to pass under S. wall; ~~3rd~~ floor, @ depth 2'7", also passes under S. wall. Hole broken in 2nd floor for 7" dia. post 12 1/2" fr. S. wall & 33" fr. E. as beam support. Lower N. & W. walls are of inferior 3rd type masonry.

Room 252-B.

7 cuts

8/19/21

Second story room not previously excavated.

Measures: N, 9'5"; E, 16'11"; S, 10'; W, 17'.

Masonry of 3rd type with both dressed friable & unworked laminate s.s. occurring in bands. Mixture suggests reconstruction. walls had been plastered. North wall entirely down; broken E. wall still rises 7' above offset; S. wall, broken by rotting of beams, removed during excavation but end positions shown by protruding blocks ^{left} during 1921 repair of E. & W. walls. Evidently S. wall was built after a fire for E. end of one of its supporting logs occupied burned seating of a R. 247A beam; adjacent log rested on 2nd floor offset. Both logs rotted but unburned; ceiling poles also unburned. Large turquoise bead found between 2 ceiling poles in S. wall. Note that this 2nd story room covers R. 252A; R. 250, & small portion of R. 247A. No door in S. wall.

Door in W. wall 49" fr. NW. corner was 20" w. with sill 8" below floor level; jambs continue past present top of wall, 32" above sill, but later lintels indicated 23" above sill; wall 22" thick. This door was rebuilt in 1921.

R. 252-B-2

Ventilator, carefully blocked, in W. wall 29" fr. SW. corner & @ floor level was 14" h. x 15" w. Second ventilator, also blocked, in W. wall 8'7" fr. SW. corner & 7" above floor; was 14" square.

Fill of fallen masonry with accumulated blown sand.

Room 253

2 corals

8/15/21

Razed & filled room on platform @ middle E. side of Kiva E., abutting outer W. wall of R's 246 & 248. Previously unexcavated.

Measures: N., 4'9"; E., 10'4"; S., 4'9". West wall not evident but probably was kiva curve or wall built on latter.

Masonry of E. wall is 4th type — small laminate s.s. blocks, banded. North & S. walls finished on inside only; rough on exterior. Walls were plastered. North wall razed to within 21" of floor; S. wall to within 25" of floor.

Door in S. wall 24" fr. SE. cor. & 17" above floor was 19" wide. Below door, on floor & abutting S. wall, 20" fr. S. E. corner, is plastered masonry step 21" l. x 11" w. x 5" h.

Recess in N. wall 5" fr. NE. cor. & 12" above floor is 7" w. @ opening, 10" w. within, x 8 1/2" deep; height of recess lost in broken wall.

Fireplace 22" dia. x 6" deep, lies 27" fr. S. wall & 38" fr. E. wall.

Fill. After N. & S. walls were partly razed, room was filled with adobe chunks, doubtless from its own walls, together with sand & floored over to create platform along E. side of Kiva E.

R. 253-v

Subfloor: Fireplace had been cut into partly razed wall that parallels E. side of room @ distance of 4'1".

Broken floor next E. wall suggested test. Floor encountered @ depth of 4'10"; space between the two filled with adobe from razed walls, soft earth & sand. Plaster on E. wall has additional coat rounding to floor of R. 253. Incised in E. wall plaster is figure:




Cross-hatched lines  & other misc. incisions occur.

Figure @ left was just below floor level of R. 253.

Smoke-stained plaster abutted by N. & S. walls of R. 253 suggesting former room razed upon construction of Kiva E.

Platform at E. side of Kiva E. Lack of dividing walls suggests unbroken platform or terrace. Ventilator of R. 249A. Upper Chamber opens thru E. wall 22" fr. NE. corner of Kiva square & at floor level of platform; opening is 8 1/2" w. x 7 1/2" h. Base of ^{former} T-shaped door in E. wall, 3'7" fr. NE. corner & @ floor level of platform. North wall also plastered.

Room 254.

/, corr /

8/4/21

On platform above & S. of Kiva E; against N. side of Kiva C. square. Measures: E., 8'2"; S., 18'6"; W., 6'7". North wall not evident; may have been extension of kiva curve or wall above latter.

Masonry: South wall is outside of Kiva C. square; masonry of large, dressed friable s.s. & undressed laminate blocks with layers of small laminate between — in 3rd type manner. East wall, 11'3" fr. SE. corner of Kiva E. square, is of mixed construction: S. half is of wattle; remainder of masonry, 9" th., to kiva curve. West wall, 15" th., of masonry abutting plaster on S. wall. West face of W. wall stands 2'9" E. of outer NW. corner of Kiva C. square. At SE. corner, broken S. wall stands 5'8" above floor; no holes for ceiling poles.

Subfloor: Earlier floors noted @ depth of 1" & 6" respectively. West wall of room built upon 2nd floor, that @ depth of 1".

Room 255.

3 cards

8/24/21

Subterranean room on platform above Kiva E. 5 @ SE. corner of its inclosing square. Not previously excavated.

Measures: N., 8'7"; E., 5'8"; S., 8'3"; W., 5'10". Floor to single E-W. beam, 4'7"; to ceiling poles, 5'1".

Masonry of E. wall somewhat uneven, suggesting reconstruction of external W. wall of R. 246A. South wall abuts E. 5 & may belong to partly razed dwellings; it is overhung 9" @ E. end & 12" @ W. end by masonry of Kiva C. square, overhang being supported by 2 beams with split cedar of roof above them. West & N. walls finished on inside only. All walls plastered repeatedly; 7 layers on E.

Ceiling: Single E-W beam in middle; ceiling poles above supported long cedar splints covered with adobe mud. Three hewn planks incorporated in ceiling at SE. corner. Roof @ platform level.

Hatchway in NE. corner was only entrance; measured 15" E-W. x 20" N-S. Hewn planks bordered opening on W. & S.; on S. plank, a 4" rim of small-stone masonry; on E. side, adobe rim on split cedar.

Recess in N. wall 6" fr. NE. corner & 3'10" above floor is 14" w. x 6" h. x 5" deep; has hewn plank lintel & was plastered inside.

R. 255-v

Recess in S. wall 28" above floor & 27" fr. SE. corner has opening 6" w. x 7" h. but is 13" w. x 11" h. within & 11 1/2" deep. Its floor is 4" below its sill which consists of a mano 4" wide; its lintel is a slab supported by split cedar.

Wall pegs, in S. wall, 4'3" above floor: (1) 24" fr. SE. corner is broken off flush with wall; (2) 10 1/2" fr. SW. cor. protrudes 15".

Fill, of dry refuse dumped thru hatchway, contained misc. sherds, stone impts., squash seeds & rind, corn-cobs, misc. deer & bird bones, part of a macaw skeleton. Also frags. of painted gourd rattle (?). Altho no connection exists between the 2 rooms, sherds fr. R. 255 belonged to same vessels as sherds found in R. 246A.

Bones identified: *Meleagris gallopavo* (wild turkey); *Ara macao* (macaw); *Cervus canadensis* (elk); *Odocoileus hemionus* (mule deer).

Subfloor. Partly razed wall parallels S. side @ distance of 3'2"; it is plastered on N. face & connects with floor @ depth of 4'6". Break in W. wall of R. 255 is in line with this subfloor wall, showing that N. half of W. wall is of later construction. Plaster on lower wall rounds off to that on E.; continues past abutting N. half of W. wall.

R. 255-3

Cedar ceiling splints fr. R. 246 A. show thru E. wall 4'2" above floor of R. 255; also noted, 5 1/2" dia. beam hole 29" above floor & 7" fr. NE. corner.

Room 256 A.

4 cubs

6/10/22

First story room N. of R. 244 & between R's 247 & R. 257. Not previously excavated.

Measures: N., 13'10"; E., 19'4"; S., 15'8"; W., 19'2". Floor to W. beam holes, 6'5"; to S. ceiling pole holes, 7'6".

Masonry of banded laminate ss., 4th type construction. Corners tied. Walls had been plastered. In NE. corner, 18" above floor, is block of masonry 21" w. x 4'2" h. indicating corner door connecting R's. 257 & 258.

Door in N. wall 14" above floor & 5'7" fr. NW. corner had been 27 1/2" w. x 3'5" h.; was partly & neatly blocked & plastered over to leave opening 20" h., under lintels. Door in E. wall, 7' fr. SE corner, was originally 27 1/2" w. x 3'10" h. before 8" h. masonry fill (plastered) on sill left final sill 25" above floor. Burned out lintels were replaced & broken wall above repaired in 1922.

Door in W. wall 13" fr. NW. corner & 25" above floor is 24" w. x 29" h.; is equipped with ^{secondary jamb} seats for door slab placed fr. R. 250. Beneath door is plastered masonry step 18" l. x 15" w. x 8" high, standing 18" fr. N. wall. AED, 1945 gets for JPB[#] 10 = 1050 + 1/2 (miley, 1922)

R. 256-A-2

Door in S. wall, 6'9" fr. SE. cor., had been neatly blocked & plastered over to leave opening 28" w. x 20" h., with sill 3'10" above floor.

Ventilators in E. wall, 5'3" above floor, both carefully blocked: (1) 13" w. x 14" h., flush with S. wall; (2) 14" square, 31" fr. NE. corner.

Wattle wall, diagonally across room, abutted E. wall 11' fr. NE. cor. & W. wall 4'5" fr. NW. cor., to screen S. half of room & preserve access to R. 257 fr. R. 250. Wall supported by 9 posts to which willows were bound horizontally @ about 15" intervals; to latter upright willows were bound & plastered with adobe on N. side only. Fgt. of this wall stood 5' h. @ E. side of room; originally, may have reached ceiling.

Fire: Lintels of E. door had burned out. Smoke stains on walls N. of partition show an average 3 ft. accumulation of debris on floor before fire; plaster on walls S. of partition blackened also. Beams & ceiling poles burned out.

Fill S. of wattle wall was loose earth & debris of occupation; 3' of same in N. half. Over this, fallen masonry to about beam level. 3' above ceiling level.

R. 256-A-3

Pub. as Fig. 49, p. 197 - 59, Misc. Coll. vol. 124.
(N.M. No. 336144)

Finds: In N. half of room, 1 trough metate 16" w. x 24" x 9" thick, with its mano, just inside W. door & about at its sill level. Also, a few misc. sherds. In debris S. of wattle wall, quantities of potsherds, 1 mano & fpts of 3 others; 1 hammerstone, fpts. of 2 stone jar covers, part of a worked s.s. slab bearing traces of red paint, a discoidal concretion 6" dia., 1 fpt. of shell, squash seeds, & several antler fpts. On floor in SE. corner, a layer of charred corncobs.

Bones identified: *Odocoileus hemionus* (mule deer).

In sherd box, fpt. Tularosa coil, polished bl. interior bowl with matle deco. $3\frac{3}{4} \times 3$ " (orig. #599)
R. 256

Subfloor tests show floor immediately covers foundations with heights as follows: N., 17"; E., 23"; S., 19".

Subfloor walls indicate earlier building plans. A wall of fair 4th type masonry, 18" w., passes under E. side of room 11'8" fr. NE. corner; it is raged 4' from W. wall but, if continued, would abutt latter 9'3" fr. NW. corner. At point 18" fr. E. side, S. face of this subfloor wall turns S. to join S. wall foundation 34" fr. SE. corner of room; here subfloor wall is 15" w. & its E. face is 19" fr. SE. corner. (One of posts for wattle wall had been set down into this E-W subfloor wall)

R. 256-A-4

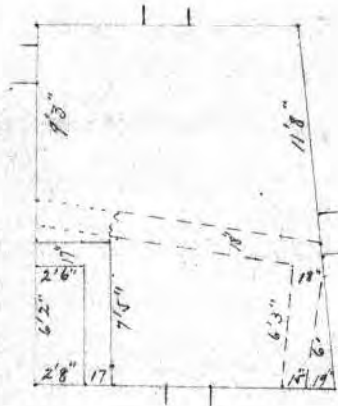
At N. end of room, 3' test hole shows only sand & adobe from razed walls.

Test in SW quarter reveals floor levels @ depth of 24" & 3'10". Plaster on W. wall rounds off to 3rd floor (3'10") but its fine, laminated masonry continues to its own foundation, 5'2" below floor of R. 256. Against base of W. wall & on top of its foundation, is a fragmentary wall 14" w. & averaging 8" h., on its own 12" h. foundation; abutting E. face of latter, 4" of stonework were later added.

Test hole shows chiefly adobe from razed walls to depth of 5'10"; for an additional 3', sand containing charcoal particles.

A subfloor wall, 17" w. & on a 12" h. foundation, abutts W. wall 6'2" fr. SW. cor., extends E. 2'6" thence S. 6' to tie, 2'8" fr. SW. corner, with rude stonework under S. wall of room. Masonry of this subfloor wall was razed to within 20" of its foundation & connecting floor (2nd), 24" below that of R. 256.

Sketch of subfloor walls on back of this card.



Room 256-B.

2 cards

6/4/22

Second story room: not previously excavated.

Measures: N., ^{13'9"}16'4"; E., ^{19'10"}20'6"; S., ^{15'6"}16'; W., ^{18'10"}18'10". Floor offset to S. ceiling pole holes, ^{9'9"}9'9"; to ceiling offset, 10'6".

Masonry of 4th type - banded laminate s.s. Except that @ S., walls fallen to below ceiling level. No floor offset @ S. & W.; E. wall floor offset is 9" w. @ N. & 2" w. @ S. end; N. floor offset is 6" @ E. end & is undercut 6" @ W. end. Irregularity of offsets seems to prove that floors were far advanced before upper walls were begun. South wall abutts plaster on W. wall.

Door in N. wall 12" above floor offset & 7'8" fr. NW. cor. is 27" w.; it had been blocked. Door in E. wall, 19" above floor offset & 7'5" fr. SE. corner was 28" w.; it had been blocked. Door in S. wall, 30" above approx. floor level & 7' fr. SW. corner, is 28" w. x 3'5" h. & 25" across sill.

1922 repairs Door in W. wall, 18" above approx. floor level & 3'4" fr. SW. cor. is 26" w. & 3'7" h., as restored in 1922. On S. jamb, masonry rest, 2 1/2" thick, for door slab. Height of this door is greater than that on R. 247B. side; 1922 repairs provided a step 7" deep x 12" h., to approximate what appears to have been the original condition.

R. 256-B-2

1922 repairs Ventilator in E. wall, toward S. end, had broken down with collapse of wall & was unwittingly filled during 1922 repairs. A comparable vent. @ N. end may be assumed.

R. 256-C. - Third story indicated by portion of S. wall which still stands 6' above its floor offset. Masonry somewhat resembles 3rd type construction.

Room 257-A.

3 cards

6/18/22

First story room W. of R's 181 & 182; N. of R. 243; E. of R. 256.
Not previously excavated.

Measures: N., 11'8"; E., 19'9"; S., 11'8"; W., 19'2". Floor to ceiling pole holes in S. wall, 7'7".

Masonry of banded 4th type; plastered. All corners tied.

Door in E. wall 15½" above floor & 8" fr. NE. corner formerly opened into R. 182; was about 26" w. x 32" h.; had been carefully blocked & plastered over. Second E. door, 6" fr. SE. corner, had been partly blocked to leave opening 27" w. x 24" h. x 26" across sill; originally door had been equipped with inclined jambs to hold door slab, placed from R. 257. Door in W. wall 25" above floor & 8" fr. SW. corner is 28" w. x 39" h. & 26" across sill. New lintels placed & the wall above repaired in 1922.

1922
repairs

Door thru ^{diagonal} N.W. corner, 22" above floor, is 24" w. x 36" h.; sill of hewn planks. It had been rudely blocked from R. 258 A. In corner above lintels, stone slab formed triangular shelf. 4'10" above floor, 2' w. in front.

R. 257-A-v

Ventilators in E. wall: (1) 4'9" above floor & 6'5" fr. NE. cor. was 13 1/2" w. x 14" h.; opened into R. 182; (2) 4'9" above floor & 7' fr. SE. corner was 13 1/2" w. x 14" h., & opened into R. 181. Both vents blocked.

Ventilators in W. wall: (1) 5'3" above floor & 8" fr. NW. cor. was 13" w. x 14" h.; (2) at SW. corner. Both blocked & plastered over.

Wattle wall supported by 13 posts 2"-3" dia., abuts E. wall 11'7" fr. SE. corner & W. wall 11'4" fr. SW. cor. to divide room. No trace of plaster but imprints & remains of decayed willows, bound to S. side of posts, show in layer of clean blown sand that covers entire floor. Against S. wall, sand 27" deep; 19" @ W. & N. sides.

Fire indicated by charcoal directly upon blown sand — remains of charred timbers; above this, fallen walls. (over)

Finds: Only 1 potsherd found in layer of blown sand. In debris above, 2 fpts. of metates, a few misc. sherds, 2 bone awls, & 1 fpt. of a turquoise pendant.

Subfloor test @ N. end shows E. wall on 10" h. foundation; masonry of N. & W. walls ends 3" below floor. They have no visible foundation but a 2" layer of adobe; with occasional small stones, extends under

Among charred timbers above sand, 5 of wattle wall
Douglass gets these dates:

JPB 14	—	1081		
15	—	1129 + x	1124	Orinley (1952)
16	—	1047 + x	1047	" "
17	—	1126 + x	1126	" "
18	—	1080 + x	1080 + X	" "
19	—	1083 + x		

R. 257A-3

W. wall @ depth of 12". Fill below floor is mostly blown sand with charcoal particles & scattered spalls.

Subfloor walls: On a well-defined surface of variable depth below floor level, a rude foundation, 24" w., passes under N. wall 6'1" fr. NW. cor. & under S. wall 4' fr. SW. corner. Tying with this foundation 8' fr. N. wall, is one of like construction, also 24" w., that passes under W. side of room 9'4" fr. SW. cor.; its E. extension passes under E. wall 9'5" fr. SE. corner. Here, against the S. face of the foundation, 8" fr. E. wall & 18" below floor level, is a basin 10" dia. x 4 1/2" deep - smoothed in adobe surface.

The N-S. foundation crosses over an incomplete wall, 18" w. & of fair 4th type masonry, that passes under E. side of room 4' fr. SE. cor. & under W. wall foundation 6'7" fr. SW. corner. The pavement on which these foundations stand varies from 15" - 23" below floor of R. 257; they apparently represent abandoned plans, one replacing the other & both supplanted by the existing walls of R. 257.

4th type
early floor

Room 257-B.

1/2 cents

6/4/22

Second story room. Lower 3' filled with fallen masonry. Measures: N., 11'8"; E., 19'5"; S., 11'10"; W., 18'9". Floor level to ceiling pole holes in S. wall, 9'2".

Masonry of 4th type, banded.

Door in N. wall 20" above floor offset & 4'7" fr. NW. corner is 23" w. @ top, 21" w. @ sill x 3'5" h.; ^{secondary jambs} ~~sets~~ for door slab on each jamb 2" thick. Lintels missing; were replaced & wall above repaired in 1922.

Door in E. wall, 10" fr. SE. corner, was 28 1/2" w.; blocked; lintels lost with broken wall. Second E. door, 8" fr. NE. corner & 15" above floor level, was 28" w.; lintels lost with fallen wall.

Door in W. wall 17" above floor offset & 8'1" fr. NW. corner was 29" w.; had been blocked.

Ventilators in E. wall: (1) 7' fr. NE. cor. was 14" square; blocked; (2) 4'2" above floor & 7'3" fr. SE. cor., is 14" w. x 10 1/2" h.; blocked from R. 181 leaving recess, 10" deep, in R. 257B. Surrounding wall repaired, 1922.

Ventilator in W. wall, 4'10" above floor & 20" fr. SW. corner is 14" w. x 10" h.; apparently was blocked fr. R. 256B. & was unwittingly closed during 1922 repairs.

1922 repairs

R. 257-B-v

R. 257-C - Third story wall of banded 4th type masonry still stands about 6' @ S. end of room. In SE. corner it rises flush with 2nd story wall but its W. end overhangs lower wall 9". This irregularity again suggests completion of floor before continuing walls.

Room 258A.

3 cards

7/23/22

First story room N. of R. 256; W. of R. 259; E. of R's 252 & 263. Not previously excavated.

Measures: N., 8'7"; E., 19'8"; S., 13'4"; W., 18'6". Floor to N. ceiling pole holes, 7'9".

Masonry of laminate s.s. with interrupted bands; 4th type. Walls plastered. North & S. walls about plaster on W. East wall, 28" thick, is slightly ~~convex~~ concave; W. wall, slightly convex, 28" thick.

Door in N. wall, 18" above floor & 34" fr. NE. cor., was 28" w. x 4'3" h.; had been blocked & plastered over. Door in E. wall, about 14" above floor & 5'8" fr. SE. cor., was 25" w. x 4'3" h.; it had been blocked & plastered over. Below & to S. of this door, a protruding stone 8" above floor forms a step 6½" l. x 4" w.

Door thru SE. corner, 15" above floor, was 24" w. x 41" h. to turned lintels; had been blocked flush with edge of sill to point 9" below lintels, leaving a recess, 18" deep.

Door in W. wall, 15" above floor & 16" fr. SW. corner is 18" w. @ top, 20" w. @ sill, x 38" h.; jambs not plastered.

Mixed door in S. wall to R. 256

R. 258-A-2

Ventilators in E. wall: (1) flush with NE. cor. & 5'6" above floor, is 12" w. x 13" h. & opens into R. 260; (2) 4'9" fr. NE. cor. & 5'6" above floor, is 12" w. x 14" h., opening into R. 259. These vents. were both open. A 2nd vent. into R. 259 was closed upon construction of SE. corner door for its decayed lintels, 5'10" above floor, & blocking are partially covered by S. wall. Ventilators in W. wall: (1) 5'2" above floor & 6'5" fr. SW. cor., is 17" square; had been blocked; (2) 5'7" above floor & 11'1" fr. SW. corner, was 17" w.; also blocked.

Thus the W. door & 2 E. ventilators were the only openings.

Fill: On floor, 4' of earthy-sand containing frags. of charred ceiling timbers; above this, fallen masonry from upper stories. Plaster on walls burned in places, suggesting destruction by fire.

Finds : A few potsherds @ N. end; one tabular metate & a roughly chipped s.s. jar cover 8 1/2" dia.

Bones identified: *Castor canadensis* (beaver), teeth only.

Subfloor tests show N. wall masonry ending @ floor level, on 10" h. foundation; in SE. corner, E. & S. wall masonry extends 9" below floor to 18" h. foundations that tie & rest on surface 27" below floor.

R. 258-A-3

This surface rises toward W. & ^{fades out} disappears about 4' fr. W. wall & 19" below floor level. A similar "construction surface" 3'9" below floor level in SW. cor. drops to 50" below @ SE. corner.

West wall continues as banded 4th type masonry to its foundation offset 5'2" below floor of R. 258. Plaster on W. wall begins @ construction surface av. 17" above the foundation; below this surface, debris of construction; above surface, mostly blown sand.

In SW. corner, top of S. foundation is 5' above foundation of W. wall & 2" below R. 258 floor; latter is 2'8" above floor of R. 263.

Subfloor wall: S. face of rude foundation passes under N. wall 3'9" fr. NW. corner & under E. wall 3'6" fr. NE. corner; wall about 24" w. 4th-type connecting with subfl. in outer tiers?

R. 258-B. Broken 2nd story ^{N.} wall stands 8 ft. above floor offset. NW door, 34" fr. E. corner, 28" w. x 4' h.

Room 259-A.

3 cents

7/23/22

First story room N. of R. 257; W. of R's 182 & 183; E. of R. 258.
Not previously excavated.

Measures: N., 11'9"; E., 19'6"; S., 11'7"; W., 17'9". Floor to ceiling
pole holes in N. wall, 8 feet.

Masonry of banded 4th type - laminate s.s. All corners tied;
walls plastered. All doors blocked & plastered over from within
room. Presumably a ceiling hatchway but no evidence noted.
Wall plaster burned to near floor suggesting destruction by
fire after a few inches of sand had accumulated. Hole
roughly 20" w. x 30" h. had been broken thru S. wall 34" above
floor & 4'5" fr. SE. corner - presumably by 1895 searchers for open
rooms. In SW. corner, block of masonry 27 $\frac{1}{2}$ " h. (S. to W. walls) marks
corner door connecting R's 257 & 258; masonry extends to floor (without
usual space below sill level) noted in other similar cases) & forms
triangular shelf above, 15" w. x 9" deep. JPB #35 gave no date.

Door in E. wall, 15" above floor & 33" fr. NE. cor., was 26" w. x 3'8" h.;
formerly opened into R. 183 but had been neatly blocked & plastered over.

R. 259-A-2

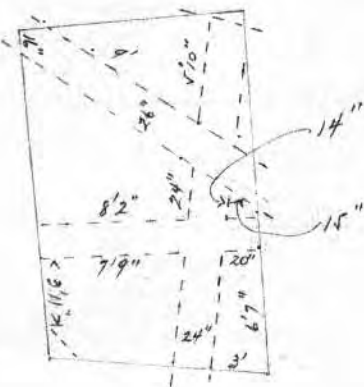
Door in W. wall, 20" above floor & 7'10" fr. NW. cor., was 26" w. x 4'1" h.; had been blocked & plastered over.

Ventilator in E. wall, 5'4" above floor & 4'10" fr. SE. cor., was 12" square; formerly opened into R. 182 but was blocked. Ventilator in W. wall, 5'9" above floor & 12" fr. NW. corner is 12" square. A 2nd vent. into R. 258, 13" square, about 5'3" above floor & 8'1/2" fr. SW. corner, was blocked upon construction of corner door connecting Rs 257 & 258 for
X triangular shelf over latter is 5" above, & partly conceals, ventilator sill.

Fill: A few inches of blown sand on floor; above this, masonry fallen from upper stories.

Finds: Fgts. of 2 door slabs, 1 worked stone probably intended for a mans, a few misc. potsherds.

Subfloor tests revealed foundations — evidence of abandoned building plans — as shown on back of this card. The N-S. founda. abuts foundation in NE. cor.; passes under S. wall. The E-W. foundation abuts foundations of E. & W. walls. Foundation in NE. corner passes under both N. & E. walls.



R. 259-A-3.

R. 259-B

Floor level to ceiling offset, E. wall, is 10'6". East door, into R. 182-B, is 27 1/2" across sill. North wall abuts E. wall.

R. 259-C

Broken E. wall still rises 5'6" above floor offset.

Room 260-A.

2 cards

Previously 8/2/22

First story room NW. of R. 259; SW. of R. 184. Unexcavated.

Measures: NW, 11'2"; NE, 18'9"; SE, 11'5"; SW, 17'7". Floor to ceiling pole holes, SE. side, 7'5"

Masonry of 4th type — laminate s.s., with interrupted banding. Walls plastered; all corners tied by alternately abutting sections.

Door in NE. wall 16" above floor & 7'3" fr. N. corner was 27" w.; had been neatly blocked & plastered over; lintels gone. Door in SW. wall 17" above floor & 6'5" fr. W. corner was 27 1/2" w. x 4'6" h.; had been neatly blocked & plastered over with exception of upper 13", left open. Door in NW. wall 20" above floor & 4'9" fr. W. corner is 21" w. x 3'9" h.; has secondary jamb to support door slab placed from R. 261.

Ventilators in NE. wall, both blocked: (1) 4'11" above floor & 17" fr. N. cor. was 12 1/2" w. x 12" h.; (2) 4'7" above floor & 4'2" fr. E. cor., was 13" w. x 11" h. Ventilators in SW. wall, both blocked: (1) 5'1" above floor & 8" fr. S. corner was 13 1/2" w. x 12 1/2" h.; (2) 5'4" above floor & 10" fr. W. cor., was 13 1/2" w. x 12" h. All 4 blocked.

R. 260-A-v

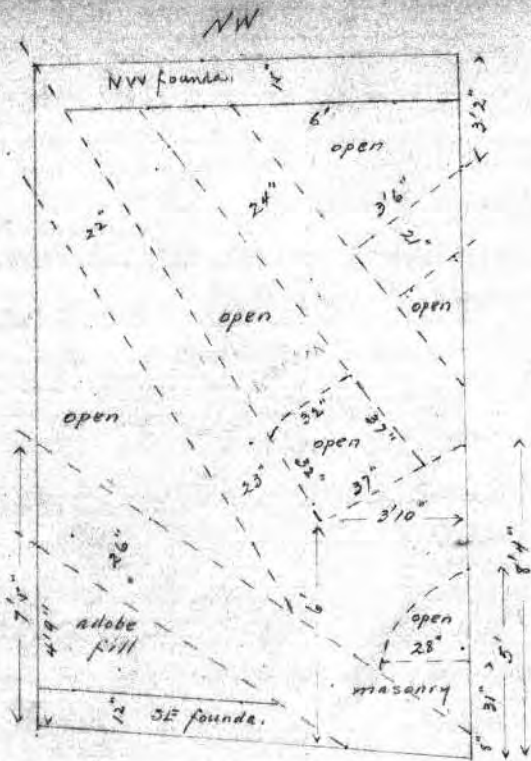
Fill: A few inches of blown sand on floor; above this, masonry fallen from upper stories. Fire stains on plaster above sand accumulation show fire after abandonment of room.

Subfloor tests revealed several foundations of from 1 to 4 layers of large s.s. blocks in generous quantities of adobe, as shown on back of card. Foundation of NW. wall protruded 15" abutting subfloor wall in W. corner; foundation of SE. wall protruded 12", abutting subfloor wall. Foundation of NE. wall, av. 4" below floor, is 12" h. Southwest wall overhangs its foundation 2". These subfloor foundations, which appear never to have been utilized, rest upon a pavement 30" below floor level.

1922 repairs

R. 260-B. Second story NE. wall shows 10'6" floor offset to ceiling offset. Blocked door in SW. wall; open doors in NW. & SE. walls - latter repaired & new lintels placed in 1922. Ceiling height, 9' est. (R. 184)

R. 260-C. Portions of 3rd story wall stands @ NE but with no visible evidence that R. 260 was itself 3 stories high.



Room 261-A.

Scards

10/29/27

8/4/22

First story room NW. of R. 260; E. of R's 265 & 267; SW. of R. 185. Not previously excavated.

Measures: NE, 21'6"; SE, 11'7"; SW, 7'6"; W, 15'4"; NW, 3'4". Floor to ceiling pole holes in SE. wall, 7'7"; to beam ends fr. R. 267, 6'8". ^{over} _(exterior of 267)

Masonry of 4th type - banded laminate s.s. local wall superior to others with uniformly small blocks separated @ 19" intervals by courses of 2 1/2" laminate blocks, mostly dressed. SE. & SW. walls tied; SW. & NW. walls tied into earlier W. wall; NW. & SE. walls abut NE. All walls originally plastered. Built-in masonry block @ N. ^{N. of 18660 A} supports 3 NW-SE. ceiling poles.

Door in NE. wall 25" above floor & 1" fr. N. cor., is 28" w. x 37" h. to 8 2" lintel poles; 27" across sill to R. 186. (This door may have been blocked & opened when R. 186 was excavated.) Door in NE. wall 20" above floor & 5'8" fr. E. corner, is 27" w. x 41" h. to 7 lintel poles 3" dia.; 26" across sill to R. 185. Inner masonry jamb, 3" th., slope up & out to support 2 secondary lintel poles ^{36" above sill,} with masonry above. Inner S. jamb set back 11" fr. wall face @ sill; 20" @ secondary lintels; N. jamb set back 13" @ sill & 21" @ lintels. As it opens into R. 185, this door is 21" w. x 35" h.

JPB[#] 130 - sect. of Beam in R. 261 gives A.E.D., 1945, date of 1072+x
corrected by Amiley, 1952, to 1070.

R. 261-A-2

Door in SE. wall 18" above floor & 4'8" fr. E. corner is 27" w. x 44" h. to 7 lintel poles 3" dia.; 26" across sill. Inner masonry jamb 3" th. & set back 14" fr. wall face, slope up & out as seats for door slab.

Secondary lintels not present.

Ventilators: (1) In NE. wall, 4'6" above floor & 6'9" fr. N. corner, blocked vent 13" w. x 10" h. to 2" dia. lintel poles, formerly opened into R. 185; (2) 6'5" above floor & 7'10" fr. N. cor., vent. 11" w. x 11" h. to 1 lintel pole @ wall face supporting s.s. slab laid lengthwise; (3) 4" fr. E. cor. is N. jamb of vent. 11" h. to lintel poles, with sill 3'10" above floor - partly covered by abutting SE. wall.

Fill: Room filled almost to ceiling level with masonry fallen from upper stories, mixed with blown sand. Lower 2 ft. contained charred ceiling poles. Water running down walls had deposited sand in E. corner & @ junction of SW. & W. walls before fire. Few sherds found in this fill.

R. 261A-3

Subfloor: In S. corner, SE. wall foundation, 15" h. & offset 3", lies 6" below floor & ties with SW. wall foundation, 15" h. & (at same level).

At N. end of room, NW. & NE. walls rest on floor level; W. wall foundation lies 46" below floor.

SW. wall ^{SW. cor.} lies with earlier W. wall. Foundation of former lies 6" below floor; foundation of latter, 41" below floor, is 9" h. & offset 15". West wall is plastered ^{to} 37" below floor; apparent construction surfaces @ 17" & 31" below floor. Fill above 2nd floor is mostly blown sand containing clay pellets; below it, mostly debris of reconstruction diminishing in thickness away from wall.

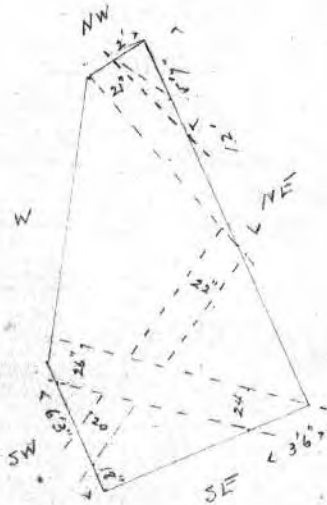
Subfloor foundation, 21" w. x 18" h. & just beneath floor, passes under NW. wall 2' fr. N. corner to abut plastered face of W. wall; N. face of this foundation passes under NE. wall 5'7" fr. N. cor. while its S. face passes under same wall 12' fr. N. corner. Abutting this foundation & occupying most of N. corner is another subfl. founda. Abutting S. face of the 1st subfl. wall, about 11' fr. N. cor., is a similar subfl. founda., 22" w., whose opposite

R. 261 A-4

end, 20" w. x 17" h., passes under SW. wall 18" fr. S. cor., & 3" below floor to abut, apparently, against continuation of W. wall. The SW. wall rests directly upon & abuts either side of this subfl. foundation. Near the middle room this latter wall abuts a similar subfl. founda. 26" w. x 14" h. @ W. & 24" w. @ E. where its S. face passes under SE. wall 3'6" fr. E. corner. At point 6'3" fr. S. cor., the SW. wall rests on, & its founda. abuts, this same subfl. foundation.

R. 261-A-5

Scale: 1" = 10'



Room 261-B.

1 card

Measures: NE, ^{E, 23'6"}23'6"; NW, ^{N, 1'6"}1'6"; W, ^{W, 18'10"}18'10". Floor offset to NE. ceiling offset, 9'. Ceiling poles, 8'6" est.

Masonry: Walls, still largely intact, correspond closely with those of 1st story. Floor offset on NE, 2" w.; on SE, averages 3" — neither continuous throughout. Longer NE. & W. walls form triangular shelf over built-in masonry block @ N. end of 1st story room. Lesser, 2nd story block rests on floor offset & abuts plaster on W. wall.

SW. & SE. walls tied; SE. abuts NE wall.

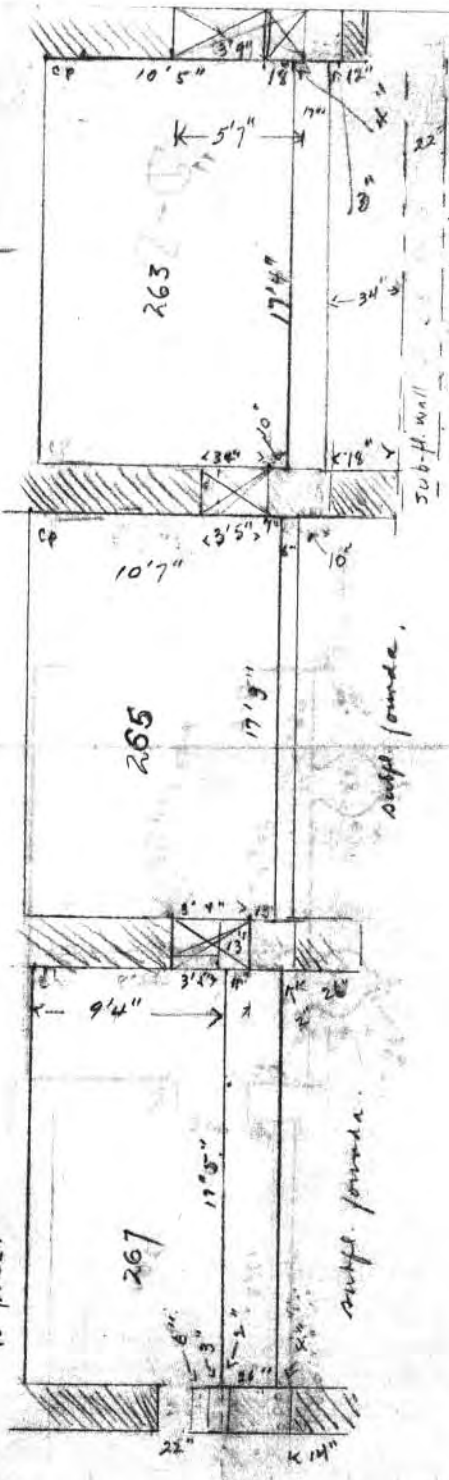
Doors evident in middle of SE. & SW. walls; also in NE. wall about 6' fr. E. corner.

Ventilators: Two opened into R. 185B., that @ S. being blocked to form recess about 8" deep; 1 vent. into S. end of R. 186B.

1st story profile

end walls
ar. 24" h.
ceiling height
to plate.

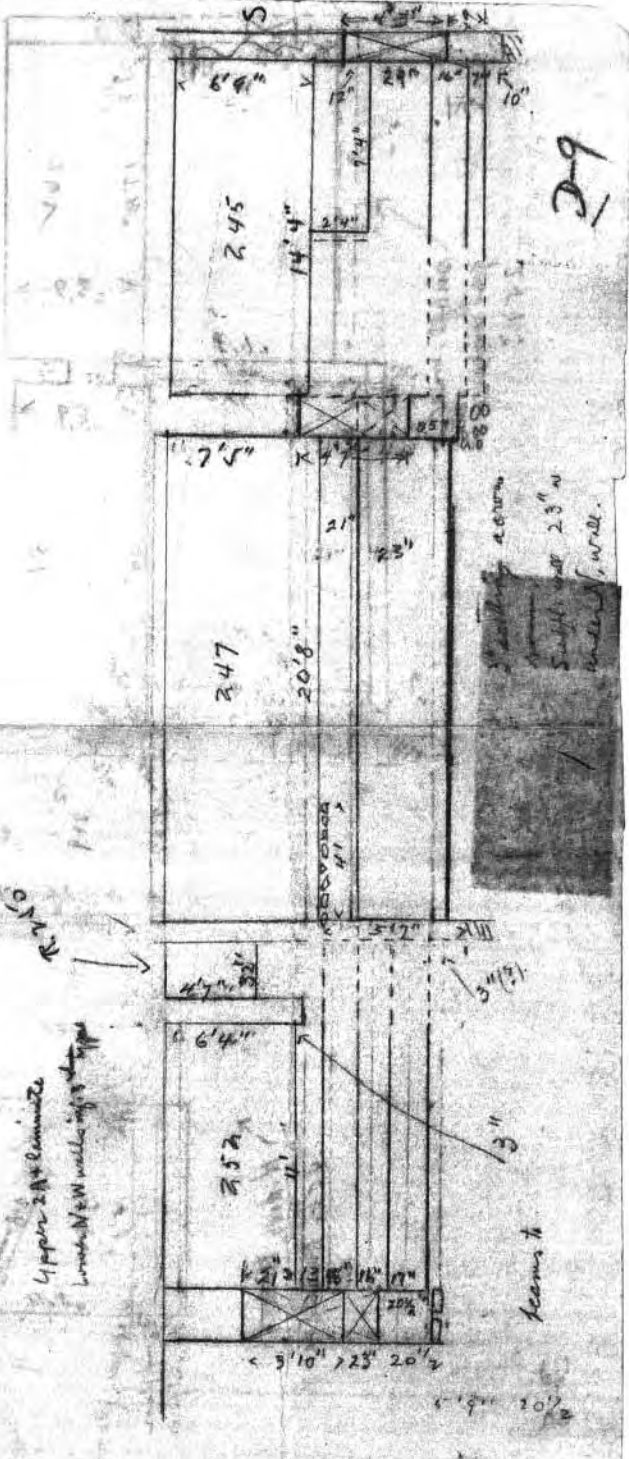
D-9



to beam

upper floors 3'8" below
that of 252; 4'6" below
N5 founda. that of 262.
18" R. @ Hand.

Upper 2nd eliminate
Lower N & W walls into upper

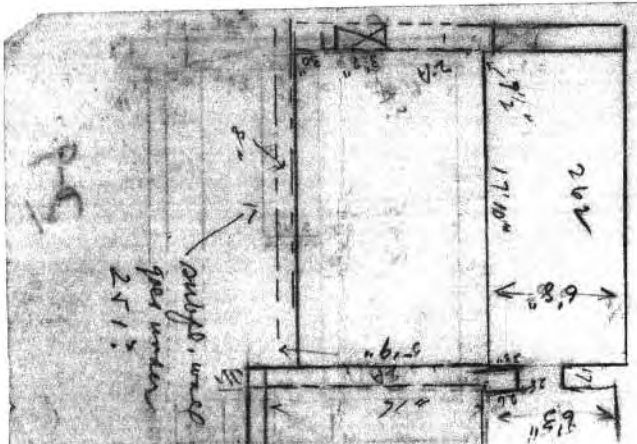


29

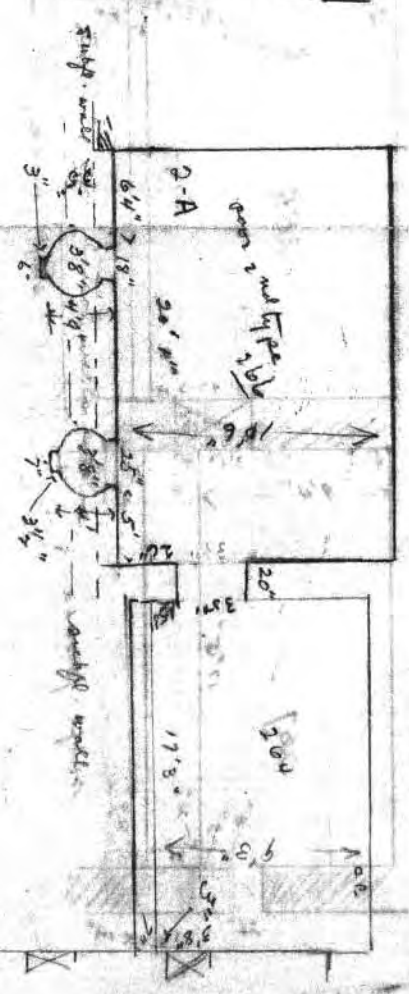
P-C

D-8

Plan of 267 in 4'6" above floor of 268



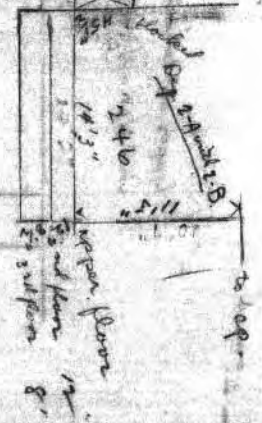
251
outlets, under gas meter



20" of 267 above floor of 268
N. wall
typical in 1950

N. door, blocked
4'10" h. wall @ fl.

D-8



Room 262A

4 chds

7/29/22

First story room S. of R. 264; W. of R. 263; N. of R. 251,
 NE of Kiva 7c Not previously excavated.
 Measures: N, 9'2"; E, 18'5.91"; W, 17'9". Floor to
 W beam holes, 5'10"; to ceiling poles, 6'6" c

Masonry evidences reconstruction; is chiefly of
 laminate s.s. favoring 2nd style chinking. S. wall, fallen
 to within 6' of floor, is apparently of later construction
 since it abuts plaster on E & W walls & consists of
 rougher blocks than other walls, including friable s.s.
 with sparse chinking. E wall 24" th.; W wall, 29". All
 walls plastered. Close in SW cor., 14" above floor, a
 cedar splint ties S & W walls. In SE cor., floor is 4'6"
above floor of R. 263.

Doors: In N wall 7 1/2" above floor & 45" fr. NW cor.,
 slab lintels mark former door 21" w. In S. wall
 23" above floor & 22" fr. SW cor., door 22" w. x 25" h. x 17"

R. 262A - 2

across sill slab has lintels of thin, hewn boards &
 inclined secondary jambs for door slab. In W wall,
 4'4" above floor & 12" fr. NW cor., door 27" w. & 29"
 across sill opens into outside vestibule 4'7" E-W x
 29" w., the walls of which rest upon earth fill adjoining
 R. 279 on N. Below-door, step 13" h. x 19" w. with a 14"
 tread; its SE cor. is rounded.

Fill chiefly of fallen masonry.

Finds include frags of squash rind, piñon nut shells, &
 frags of wooden headdress (?) painted green (No.) c

Sub-floor tests tests show floor 5'1" below that of
 rebuilt room above, what may be an earlier floor (or
 work surface) lies 8-10" lower, at av. depth of 5'9" c
 Fill between is constructional debris + limited blown sand.
 Lower N & W walls built of laminate s.s. in 2nd style &
 plastered; E favors 3rd style. West foundation offset,

No identifying masonry but probably is 2A like that under R. 251)

R. 262A-3 subfloor

5" w., lies 8" below orig. work surface (@ 5'9") or 6'5" below floor of rebuilt upper room.

Doors: W door, blocked & plastered, 4" above lower floor & 5' fr. SW cor., was 21" w. x 3'7" h. Blocked N door, 45" fr. NW cor. & 30" above floor^{5'5"}, is 21" w. x 43" h. (37" to lower lintels); plaster below sill rounds off with floor @ 5'1" below that of rebuilt room above. Two of blocking stones tie with E jamb; blocking was plastered over.

Built upon floor @ 5'1" & abutting ^{plastered} W wall 6'9" fr. SW cor. is a raide founda. E-W & 10" h. & c 18" w.

Built across S end of room on orig. work surface (@ 5'9") is block of solid masonry^{11" h.} on a 3-layer slab foundation. Plaster on lower N face abuts plastered E wall 2'8" fr. SE cor. of room & rounds off with W. wall plaster 3' fr. SW corner. Upper 22" is rougher, unplastered, & obviously later. W. 2/3 of front is of

R. 262A-4

2nd type masonry, chiefly dressed friable s.s; remainder is of 3rd type, the union being quite distinct. In face of this block, 3' above its assoc. floor & 3' fr. E wall, is an apparent step 26" w. x 20" d. x 11" h. at back; front edge of tread is supported by an embedded pole & a similar pole @ rear supports a 2nd step, 11" tread & riser of 10" c

Subfloor wall: E & W wall founda. offsets av. 6'5" below latest R. 262 floor. On a floor 12" below offsets a subfloor wall 20" w. & rized to 8" p. passes under N wall 27" fr. NE cor. & presumably passes under S. wall c 19" fr. SE corner, where exposed @ N end, plaster on E face of this subfl. wall is painted pink & rounds off with its floor, 12" below base of E wall masonry.

No effort made to expose subfl. wall noted in R. 263 extending W 34" (or 56") below original floor.

R. 262B: Only a few inches of 2nd story W wall now remain.

Probably 2nd type

Room 263-A.

1/3 cards

7/29/22

First story room W. of R's 258 & 274; N. of R. 252; E. of R. 262; S. of R. 265. Not previously excavated.

Measures: N., 9'8"; E., 17'3"; S., 9'8"; W., 17'6"; floor to N. ceiling pole holes, 10'5".

Masonry a mixture of 2nd & 3rd types = laminate s.s. blocks with 1 or 2 courses of spalls between rows. Walls had been plastered. East, W. & S. wall masonry extends 28" below floor level; E. foundation, 28" h., has 3" offset; rough W. foundation, 33" h., has 14" offset. East wall 28" thick. North & S. walls abut on W.; E. corners tied.

Floor is 3'3" below that of R. 274; 2'8" below that of R. 258; 3'8" below that of R. 252 & 4'6" below that of R. 262. Two 4" dia. ceiling (?) poles lay pressed into floor 8" & 16" fr. E. wall & 7" fr. N.; first was 4'2" long & 2nd 8' long.

Door in N. wall 10" above floor & 3'3" fr. NE. cor. was 26" w. x 34" h.; it had been roughly blocked to within 8" of lintels. Door in S. wall 18" above floor & 37" fr. SE. cor. was 27" w. x 3'9" h.; original sill lay 4" below present floor. Reduced opening later blocked from R. 252; two 3x6" fpts of hewn planks used among blocking stones.

R. 263-A-v

Ventilators in E. wall, both blocked: (1) 8'7" above floor & 7 1/2" fr. NE. corner, was 16" sq. & formerly opened into R. 274; (2) 8'3" above floor & 6" fr. SE. cor., was 17" w. - lintels gone with broken masonry.

Subfloor test @ S. end shows S. wall foundation, 12" h. with 3" offset, 20" below floor; an earlier floor, 17" below 3" above offset (17")

Subfloor wall (rough foundation with 2" of small laminate blocks upon it), 28" w. x 22" h., exposed @ S. end 33" fr. SE. corner & 34" below original floor (17" below that of room as last occupied). Joining this foundation 4'6" fr. SW. cor. is a similar one, extending westwardly. Test hole, 7' deep, reveals earthy fill containing charcoal & potsherds; also, 3 hammerstones.

An 8" dia. post 2'11" fr. E. wall & 5'3" fr. S. wall had been set in a dug hole to rest on N-S. subfloor foundation; hole filled with adobe mud with small spalls on top. Post later cut, or broken, off 8" below upper floor & hole filled in.

Subfloor test @ N. end revealed N-S. foundation, 30" w. x 18" h., @ point 3'6" fr. NE. corner; S. face of a similar E-W. foundation

R. 263-A-3

joins the former 2" fr. N. wall & passes under E. wall 18" fr. NE. corner. North wall foundation rests directly upon this E-W subfloor wall which may connect with 4th-type foundations under outer tiers. (?)

1922 repairs R. 263-B. - Broken 2nd story N. wall rises 8' above floor offset @ NE. corner. Portions of E. wall rebuilt in 1922 to support insecure masonry.

Room 264-A

2 cards

8/17/22

First story room between Kiva G. & R. 265; N. of R. 262 & S. of R. 266. Not previously excavated.

Measures: N., 9'9"; E., 17'5"; S., 9'6"; W., 17'3". Floor to N. ceiling pole holes, 9'3". JPB #46, beam, gave AEB date of 1040

Masonry of laminate s.s. blocks with spall chinking; upper W. wall contains dressed friable s.s. blocks, chinked in 2nd-type construction; friable s.s. blocks, dressed, scattered in other walls. Reconstruction evident. All walls had been plastered. Middle W. wall shows convex curve of outer kiva wall, doubtless that which preceded Kiva G. South 1/3 of W. wall contains uniformly thick, dressed blocks of laminate s.s. chinked with small spalls in 2nd-type construction. South wall abuts on W. Split cedar of ceiling had collapsed against S. wall.

Door in N. wall 15" above floor & 3'10" fr. NE. cor. is 25" w. x 35" h. x 20" across sill; a few blocking stones had been placed on sill from R. 266.

Door in E. wall 28" above floor & 8' fr. NE. cor. is 23" w. x about 27" h.

Door in S. wall 3" above floor & 4'3" fr. SE. cor. was 25" w. x 3'8" h.; had been neatly blocked, flush with wall face.

Ventilator, possible, @ S. end of W. wall; neatly blocked with 2nd-type masonry. ^{4' fr. SE cor. ca 6' above floor}

R. 264-A-v

Shelf @ both N. & S. ends of room indicated by pole holes in E. & W. walls about 4'6" above floor; that @ N. end, 7' w. & that @ S., 5 ft. wide.

Fill mostly of fallen masonry. Ashy earth 8-12" thick lay directly on floor; most of sherds ^{13, 16} recovered came from above this ashy layer.

Finds: Hawk skeleton lay on floor near SW. corner. Door slab painted red on finished side leaned against N. wall above ash layer. Also, 2 hammers, 1 ft. of metate; ft. of mano, stone ball with shallow depression (retained), squash seeds & rind, 2 small pieces turquoise matrix, 1 azurite pellet, 1/2 s.s. jar cover. Bones identified: *Ovis canadensis* (Mt. sheep); *Melagria gallopavo* (wild turkey); *Buteo borealis* (hawk)

Subfloor wall, 20" w., passes under N. wall 5'4" fr. NW. cor. & under S. wall 5'8" fr. SW. corner.

Against E. wall 8'1" fr. NE. cor. & on a floor 7" below that last utilized is what appears to be a ^{partly} razed masonry step 12" w. x 18" N-S.; plastered outside & filled with spalls laid in adobe; slab on top lay flush with upper floor.

R. 264-B. - 20" of 2nd story wall remains @ N. end.

Room 265A.

2 cards

7/25/22

First story room between R's 263 & 267; E. of R. 264. Not previously excavated.

Measures: N., 9'10"; E., 17'2"; S., 9'9"; W., 17'5". Floor to under side ceiling poles, 10'7"; to beams, 9'9"?

Masonry of 3rd type; laminate s.s. with interrupted bands, especially on E. Upper N. & S. walls contain larger blocks, small chips between. Walls had been plastered. Floor hard, apparently much used. Both doors & E. ventilator had been blocked.

Door in N. wall 13" above floor & 4'2" fr. NW. cor. was 29" w. x 3'4" h.; had been carefully blocked. Door in S. wall 7" above floor & 4'4" fr. SW. cor., was 27" w. x 3'5" h.; had been blocked.

Ventilator in E. wall 8'9" above floor & 7" fr. SE. corner was 16" square; had been blocked.

Post holes against W. wall; (1) 5" dia., is 5'4" fr. NW. corner & 1" fr. W. wall; (2) 6 1/2" dia., is 8'11" fr. NW. cor. & 3" fr. W. wall.

Fill of fallen masonry.

Finds: a small quantity of misc. sherds; frags. of 3 discoidal turquoise beads.

R. 265-A-✓

Test hole against N. wall revealed 7" offset of large, irregular block foundation 21" R. one foot below floor level. Test in SE. corner shows foundations 16" below floor. Earlier floor shown 6" below upper; space between the two filled with debris of construction. In these tests; coiled & plainware sherds, 3 or 4 B-on-W. bowl sherds & 1 B-on-R. bowl fgt.

Subfloor foundation 20" w. ^{x 20" R. (as in R. 263) on floor @ 6" (?)} apparently passes under N. wall 3'6" fr. NW. corner & seemingly joins a similar, smaller foundation under S. wall 4' fr. SW. corner. Rough foundation with 18" w. offset @ N. & 12" w. @ S., extends entire length of E. wall.

R. 265-B. Second story walls remain @ E, S, & N. sides; that @ N., stands 5'3" above floor offset. Masonry of uniformly small blocks with pronounced banding. A possible E. door in broken wall is indicated.

Room 266-A.

5 cuts

8/21/22

First story room N. of R. 264; W. of R. 267; E. of R's 62 & 70. Not previously excavated.

Measures: N., 10'3"; E., 19'2"; S., 9'9"; W., 20'4". Floor to under side W. beam hole, 9'8"; to N. ceiling offset, 10'6"; ceiling poles 10'4" est.

Masonry is mixed, evidencing reconstruction. West wall & W. 1/2 of N. wall are 2nd type masonry; E., of unbanded laminate s.s., both large & small blocks; S. wall, with both dressed & undressed blocks separated by small spalls, suggests 2nd type but doubtless is 3rd type. Walls plastered but remain unsmoothed. Earlier floor @ 12"

In W. wall, 13'6" fr. SW. corner, a ^{change} break occurs in the masonry; N. of this point, wall is slightly convex as tho. original outer wall of R. 70. Offset in convex portion 5'8" above floor forms ^{long} shelf 12" w. against N. wall; decayed poles, laid longitudinally in wall, rested on this shelf. Above shelf, masonry is identical with remainder of W. wall. A ledge, 7" w. & 6'7" above floor, extends across length of N. wall; above ledge, close in NW. corner, 3 protruding stones one above the other look like shallow steps. East 3 1/2 ft. of N. wall

R. 266-A-2

(See R. 267)

has been rebuilt, abutting 3rd type masonry of E. wall. Below N. wall offset, masonry is of laminate s.s. blocks, both dressed & undressed, closely resembling 2nd type with thicker spalls for chinking; above the offset, masonry is 3rd type.

A round hole, 4½" dia. & 5" deep, as tho a beam rest, is noted in S. wall 4'4" above floor & 9" fr. SW. corner.

Door in S. wall 26" above floor & 3'8" fr. SW. cor. is 27" w. x 34" h. & 18½" across sill. Incipient blocking - 3 courses 10" h. - lay on sill flush with wall face. Door in W. wall 4' above floor & 6' fr. SW. cor. is 16" w. x 24" h. & 24" across sill; opened into R. 62. No other openings; no ventilators.

Oval recess in W. wall 3'10" above floor & 4'11" fr. NW. corner is 6½" w. x 2½" h. x 4½" deep.

Fill: Directly on floor, layer of clean unstratified blown sand av. 18" thick sloping sharply upward to 4½' in SW. cor. Above sand, fallen masonry mostly filled room. Charred beams rested on sand layer; other beams, a few inches above,

R. 266-A-3

were separated from first by blown sand. These layers sloped down toward floor & E. wall.

Finds: A slightly used metate & manos were found below the W. door & above the sand stratum. A number of s.s. disks found chiefly in above the sand layer; squash seeds & rice & 1 ft. of finely woven sandal. Noted but not saved: Part of metate, 6 manos, 1 squared abrading stone, 2 hammers, frags of 3 disks; ft. of thin, fine-grained s.s. slab. Sherds were scattered thru sand layer but most came from SW. corner - perhaps a temporary dump. Cooking pot sherds scarce.

Subfloor foundation, 21" w. x 3'5" h. (circ #2) (10" x 12") passed under N. wall 5'1" fr. NW. corner & under S. wall 5'4" fr. SW. corner. Abutting E. ^{side} face

of this foundation 12" fr. N. wall of room & extending under E. wall 15" fr. NE. corner is ^{s. face of} a block of masonry ^{which may be as much as N. wall foundation} 2'3" h. It is abutted by the E. wall foundation, 2'5" h. (circ #1)

R. 266-A-4

5 cists, av. 4'6" d. x 3'6" dia.; 3 on E side out fr. wall, 2 on W side. All dug fr. earlier floor @ 12"

- Five subfloor, jar-shaped storage cists indicated by soft spots. All dug in hard sand; sides smooth but unplectered; each has flat floor with central basin. (1) 19" fr. N. wall & 11" fr. E., marked by oval depression in room floor, 34" N-S. x 23"; has constricted opening, 20" dia., 12" below floor; is 4'9" deep x 34" dia. @ bottom. In middle of latter is basin with rounded corners 9" E-W. x 5" w. x 4" deep. In E. side of cist, 11" below floor, appears rough subfloor wall (foundation of E. wall) 2'5" high. Cist filled with clean sand; except many sherds in lower half.
- (2) 9'3" fr. N. wall & 1'10" fr. E., marked by oval depression in floor 29" E-W. x 25"; cist is 4'3" deep & its floor is 4'11" N-S. x 3'2" E-W. In middle of latter, basin 8" E-W. x 4" w. x 2'1/2" deep; in N. side of basin is hole 4'1/2" dia. x 6" deep. West side of cist formed by 3'5" h. subfloor wall; body of cist is semi-circular. Filled with clean sand containing a few misc. sherds; also, 1 stone disk.
- (3) 21" fr. S. wall & 17" fr. E., marked by oval depression in floor 30" E-W. x 22"; is 4'7" deep & 3'4" E-W. x 3'10" @ bottom. In middle

R. 266-A-5

of latter, basin with rounded corners 9" SE-NW. x 5" w. x 3'1/2" deep. Cist is semi-circular with N-S. subfloor wall reducing its opening to approx. 18" dia., & forming its W. side. Cist filled with clean sand containing frags. of 2 bowls & misc. sherds. Part of one bowl found near top of cist; remainder @ bottom thus indicating cist was intentionally filled @ one time.

- (4) 6'4" fr. N. wall & 6'4" fr. E.; has 18" dia. opening; is 4'9" deep & 3'8" dia. @ bottom. In middle of latter is oval depression 7" SE-NW. x 5" w. x 3" deep. Nematite cell found halfway down in clean-sand fill; also 1/2 discoidal turquoise bead, 1 broken bowl & misc. sherds. A number of decayed corn-cobs noted throughout sand fill.
- (5) 4'11" fr. S. wall & 5'1" fr. E.; opening 25" dia.; is 3'11" deep & 3'8" N-S. x 3'5" E-W. on bottom. In middle of latter, circular basin 7" dia. x 3'1/2" deep. East side of cist straightened by 26" section of N-S. subfloor wall.

R. 266-B. North wall stands 3'6" above floor level; NE. corner tied.

Room 267-A.

3 cards

10/27/27 8/15/22

First story room N. of R. 265, E. of R. 266, W. of R's 261 & 186. Not previously excavated.

Measures: N., 9'10"; E., 16'11"; S., 9'11"; W., 17'11". Floor to E. beam holes, 8 ft. (butt ends in R. 261); to S. ceiling pole holes, 8'9".

Masonry of laminate s.s.; lower 1/3 of N. wall suggestive of 2nd type while E. & W. walls are 3rd type. West wall abuts N.; other corners tied.

Door in S. wall, 38" fr. SE. corner, ~~29"~~ 29" w. x 41" h. to decayed 2" lintel poles; original sill 11" below floor level but lower 13" was roughly blocked. Above later sill, door blocked from R. 265 leaving plastered recess, 7" deep, in R. 267. Door in N. wall, 37" fr. NE. corner, originally 29" w. x 33" h. with sill 2" below present floor. A second slab sill was introduced 5" above the first; 3rd & last sill is 9" above floor level. Secondary jamb (masonry) 5" thick on E. & 3" th. on W., slope upward & outward for support of door slab.

Floors: lower, or earlier, floor, somewhat whitened, lies 26" below upper & is separated from it by blown sand & debris of reconstructions. Try sub-floor founds, S. end of R. 267 is 5" higher than @ N. end.

R. 267-A-v

Beam supports: A 5" dia. post stood against W. wall 5'9" fr. NW. corner, directly beneath one of the 2. E-W beams, with its butt end resting on lower floor. A second post, 8" dia., stood under same beam 5'2" fr. W. wall & 5' fr. N. wall with its butt end 3" below lower floor. Placement of these supports may account for 2nd floor.

Shelf 5 ft. deep across N. end of room indicated by pole holes in E. & W. walls 4'9" above floor.

Finds: A considerable number of both larger & small jar covers — both dressed & undressed s.s. — found in room; most of potsherds recovered came from SW. corner with no indication of dump there. Finds not saved include: roughly chipped door slab, s.s. slab 8 x 2 1/4 x 1 1/2, smoothed on 1 side only; 2 manoc & 1/2 of another; several frags. of s.s. jar covers.

Subfloor: Earlier floor @ depth of 26", partly whitened. Fill between, blown sand & debris of reconstruction.

R. 267A-3

10/27/27
(31")

Subfloor. NE corner, N. founda. 5" below orig. floor is 30" h. & offset 7"; ties 3" below early floor with E. founda. 32" h., offset 25"

N.W. corner, N. founda. 6" below early floor is 14" h. & offset 14"; W. foundation, 27" h. & offset 9", abuts N. founda. @ same level.

S.E. corner: 8" below orig. floor E foundation, 19" w. & offset 19", ties @ same level with S. founda. 20" h. & offset 5". Lower 8" of E wall masonry is inferior to ~~remains~~ remainder & may be patchwork; it abuts S. wall masonry.

SW corner: S. founda. 2" below orig. floor is 26" h., no offset; W. founda. 28" h. & offset 6" lies @ same level & abuts S. founda.

Subfloor founda., rough construct. & possibly 3rd type, is 27" w. x 14" h. @ N. & 20" h. @ S; abuts N wall masonry 3" above orig. floor (23" below upper) 4'8" fr. NE cor. & abuts S. wall masonry 2" below orig. floor 4'4" fr. SE corner.

Room 267 B.

Broken S. wall rises 7'6" above floor level. East wall mostly intact altho reduced to below ceiling level.

Masonry plainly 3rd type.

Possible former door in now broken middle W. wall.

Three blocked ventilators, @ floor level, in W. wall.

No other wall openings now apparent.

Room 268-A.

3 cards

6/28/22

First story room N., 4' above floor, of R. 169; S. of Kiva H. Not previously excavated.

Measures: N., 21'2"; E., 9'7"; S., 22'11"; W., 9'11". Floor to W. ceiling poles, 5'6" (possible shelf?); floor to broken top of E. wall, 8'6".

Masonry mixed residence reconstruction. That of N. & W. walls chiefly dressed blocks of friable s.s. with but little chinking; that of E. & S. walls, of banded laminate s.s. in 4th type. North wall, under than others, obviously built of blocks salvaged from razed 2nd type walls; it is 20" thick @ E. end & 25" @ W. The rebuilt end of a plastered wall, 15" thick, protrudes 19" fr. N. wall @ point 9'2" fr. NE. corner. In S. end of this column, 30" above floor, is an oval recess 4 3/4" w. x 3" h. x 5" deep. The E. 4'2" of S. wall stands out 8" fr. the remainder. In W. wall, 3'7" fr. SW. corner, a vertical channel 4" w. x 7" deep had been occupied by a hewn timber the decayed remains of which stand to a height of 5'2". A plastered recess 11" w. x 9" h. x 8" deep, lies in W. wall 37" above floor & 30" fr. NW. corner. A detached pillar of laminate masonry 27" N-S. x 14" w. AED, 1948, reads W wall post, JPB #27 as AD 1081+4 (Smiley, 1952, AD. 1080)

R. 268-A-2

3/6"

now 4'10" h., stands 3' fr. S. wall & 10'6" fr. E. as a probable former continuation of the column protruding fr. middle N. wall. Walls & column had been plastered & smoke stained.

Door in E. wall 25" above floor & flush with SE. corner was 24" w. x 37" h.; it had been blocked. Door in S. wall, 1" above floor & 8'1" fr. SE. cor., is 25" w. x 20" h. & 25" across sill. A 2nd S. door, 19" above floor & 7'11" fr. S. W. corner is 27" w. x 3'4" h.; secondary jambs to support doorlab reduces width to 19" as it opens into R. 169. This door had been partly blocked.

Door in N. wall 30" above floor & 14" fr. NW. corner is 24" w. & leads by 2 steps to court level @ SW. corner of Kiva H. The 1st step, 19" fr. wall face, is 9" h.; 2nd, 3'5" fr. wall face, is now 17" high. The upper walls here had broken down.

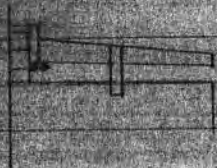
Fireplace, oval, 18" l. x 13" x 8" deep, dug into floor but not plastered, lies 13" from N. wall (29" west of N. column); it was filled with ashes containing bone & pottery frags. Against middle W. wall is a pile of ashes 3' x 2' x 5" deep.

R. 268-A

Stone slab embedded flush with floor against N. wall on W. side of fireplace; nothing beneath it.

Fill: On floor, an earthy layer at 30" deep; above this, a layer of charred stones indicating a fire; above this, fallen wall material evidencing a 2nd story. Charred concrete found on floor.

North wall built against & over the protruding column which abuts a plastered E-W. wall of heavy masonry to form two narrow chambers against outer N. wall; both filled with debris of reconstruction & soil. East chamber, 8'8" long, is 13" w. @ E. end & 23" @ W.; 2nd chamber, 25" w. @ E. end. Its N. wall extends W. 6'2" to unite with alcove enclosing steps to door thru NW. corner of R. 268. The 2nd step into surrounding masonry rests on earthy fill. Two posts, 4 1/2" & 5 1/2" dia., stood against N. wall of W. chamber, next steps.



R. 268-B. Three feet of 2nd story wall stands @ E. end.

Room 269

Irregular room @ SW corner of Kiva I, not previously excavated. Measures: N, 37"; NE (Kiva curve) 7'; E, 2'8"; S, 7'11"; W, 6'6". North wall, 17" th, fallen to 4'9" of floor. NE cor. to SE. cor., 8'8". To eq., 6'4" at

Masonry includes both beamed friable & laminated s.s. blocks rather uniformly 2" thick; walls plastered. Lower 21" of plaster is natural brownish red; above this, whitened. East wall abuts plaster on S. Door in W. wall 25" above floor & 23" fr. SW. cor., is 19" w.; lintels lost with fallen masonry. Jamba plastered; secondary jamba of adobe supported door slab from placed top of Kiva 162. Outer curve of Kiva 162 stands only 6" fr. S. side of door. Apparent storeroom.

Fill: loose ashy earth containing a few mic. sherds.



Room 270.

/ 1 cent /

7/12/22

Northwest corner of Kiva I. square; not previously excavated.
Measures: N., 11'4"; W., 17' to outer N. wall of R. 269.

Masonry: E. wall of good 3rd type — dressed friable s.s. alternating with ^{equal} courses of small laminate blocks — is apparent remnant of razed dwellings. North wall, plastered, abuts E. wall. West wall, built of salvaged blocks mostly dressed friable s.s., with protruding blocks @ irregular intervals, is 27" thick & abuts N. wall. No evidence of ceiling poles in existing walls, which stand only 5'8" above floor. Plaster on N. wall unsmoked.

Fill of loose earth containing some debris of reconstruction & misc. sherds. Built on this fill, abutting W. wall 28" fr. NW. corner, a masonry tie wall 17" w. x 10" h., extends to Kiva I. curve.

Room 271

/ 1 cent /

7/12/22

Part of former dwelling @ S. of Kiva J.; N. of Kiva I. & R. 270. Not previously excavated.

Measures: E., 8' to kiva curve; S., 12'4"; W., 5'6".

Masonry of E. & S. walls of rather uniform blocks, plastered & unsmoked. On these walls, a 3" w. white band 32" above floor. Remaining portion of E. wall stands 5' high. West wall, 20" thick, abuts S.; its E. face is 13" west of corresponding wall in R. 270.

Fill of loose earth, containing misc. sherds, placed upon completion of Kiva J. This was not entirely removed; refilled.

Ventilator shaft of Kiva J.: opening lies 3'5" fr. S. wall & 8' fr. E. wall of room.

Loose wall, 10" w. x 19" h. & composed chiefly of adobe, lies 3'5" above floor paralleling S. wall @ distance of 26".

Room 272.

2 cards

7/17/26

7/24/22

Dwelling between R. 163 & Kiva I.; N. of Kiva 162. Not previously excavated.

Measures: N., 11'5"; E., 5'8"; S., 11'5"; W., 6'6". Two decayed beam ends in middle N. wall 5'8" above floor. Ceiling poles, 6'4" est.

^{3rd type} Masonry: S. wall generally resembles 2nd type but with less chinking; E. wall of 3rd type construction. North, S. & W. walls built of large, dressed friable s.s. blocks with laminate spalls for chinking. North & S. walls abut E.; W. wall abuts N. & S. Fgts. of late coiled pot & jar with heavily bordered hachure deco., used as chinking in S. wall. Broken N. wall rises 2 ft. above beam holes but 2nd story is doubtful. Building blocks apparently from razed walls of 2nd type.

Door in W. wall 12" above floor & 29" fr. NW. cor. was 24" w. @ sill & 19" w. @ top x 3'4" h. x 19" across sill; lower 15" roughly blocked.

Fill: lower half filled with debris of occupation. Few building stones.

Finds: Misc. sherds; 3 metates & fgts of 4 others; 15 manos & fgts of 10 others; 18 hammers; 7 waterworn cobbles slightly battered or stained with red paint; several fgts of door slabs & other worked stones; bird & mammal bones, chiefly

R. 272-v

turkey & deer; squash seeds & rind; piñon nut shells.

^{2A kiva} Sub-floor Test @ E. end revealed kiva wall, 18" thick, curving to E.; inner face passes under N. wall 3'9" fr. NE. cor. & under S. wall 7'9" fr. SE. corner. Kiva floor lies 9'8" below that of room; bench, 2'9" h. x 11 1/2" w. Plastered pilaster, full width of bench & 16" h.; lies @ N. side; its corners all rounded; no evidence of pilaster log. Ten layers of plaster, totalling 1 1/4" th. & heavily smoked, noted on kiva wall; masonry, chiefly of dressed blocks of friable s.s., is rather rough but resembles 2nd type. ~~North~~ Kiva section not entirely excavated.

North & S. walls rest on kiva wall; remainder of S. wall foundation, within kiva curve, is 13" h. East wall foundation, of large & mostly dressed friable s.s. blocks, rests on loose earth 6'3" below floor of room; its top is 14" below floor level.

Found in test hole: misc. potsherds — plain, B-on-W., B-on-R., 1 furnished black interior, corrugated.

Room 273.

2 curbs

7/24/22

Dwelling N. of R. 273; E. of R. 164; W. of R. 271. Not previously excavated.

Measures: N., 10'11"; E., 8'2"; S., 11'4"; W., 6'7". Floor to under side of N-S. ceiling beams, 7'. To cp. 7'8" ext.

Masonry of large, dressed friable s.s. blocks; evidence reconstruction. The S. 18" of E. wall is 3rd type; the remainder rebuilt of salvaged blocks. The lower E. quarter of N. wall also 3rd type construction. West wall abuts S. & apparently ties with N.; S. wall abuts the E.; NE. corner is tied. Room doubtless late, ~~altho~~ built of salvaged 2nd type masonry. Floor is 12" lower than that of R. 272. Second story doubtful.

Door in W. wall 14" above floor & 26" fr. NW. cor., is 25" w. x 3'4" h. x 22" across sill. Two decayed lintel poles remained; these were replaced in 1922.

1922

Door in N. wall 15" above floor & 5" fr. NW. cor. is 28" w. x 5'4" h. It leads to court level @ SW. corner of Kiva J. square by a flight of 7 steps av. 11" deep x 12" h. Lintels & part of masonry above, replaced in 1922.

1922 repairs

R. 273-r

Fill chiefly debris of occupation; few building stones.

Finds: Many misc. sherds; 6 mason & frags of 2 others; 20 hammers; 2 frags of fine-grained, polished s.s. tablets & 1 s.s. frag. with red paint on 1 side; 1 arrowshaft smoother; part of plaited reed potting; many deer & bird bones. Among these, 2 teeth of Mt. sheep (*Ovis canadensis*) identified but not recorded.

Subfloor test @ E. end revealed concave curve of kiva wall, 18" thick, razed to within 2' of bench. Masonry perhaps to be classed as 2nd type altho lacking characteristic chinking. Inner face of kiva wall passes under E. wall 3'6" fr. NE. corner & under S. wall 6'1" fr. SW. corner. Floor of kiva lies 8'5" below that of room; bench is 2'4" h. x 12" w. No pilaster exposed in section excavated; no plaster on kiva wall which is of large, dressed blocks of friable s.s. A few laminate s.s. blocks on top of bench; spalls for chinking occur in bench face, none in wall above.

2nd (7)
see
7-16
"very little
chinking"

Masonry

Part of ^{R. 273} S. wall foundation rests on ^{subfloor} kiva bench.

Kiva fill = debris of reconstruction & sandy earth. In this, only 6 potsherds: 2 plain ware jar frags; 2 jar & 1 bowl frag. with typical Chaco deco. & 1 Chaco-San Juan bowl frag.

Room 274-A.

2 cards

7/28/22

Triangular room N. of R. 258; between R's 260 & 263.
Not previously excavated.

Measures: N., 2'5"; E., 12'8"; S., 7'8"; W., 11'11". Floor to S. ceiling poles, 7'3".

2y ^{4/16} Masonry of excellent ~~3/4~~ type - banded laminate. West wall especially fine but not banded as on opposite side, in R. 263. Built-in N. section, of large blocks including some dressed on face & chinked with spalls, tied with E. wall & abuts on W. Walls plastered; show no fire stains altho charred ceiling poles were found within 2 ft. of floor. In W. wall, 2 horizontal 2" dia. poles, placed as ties, come flush with wall face. Reconstruction evident.

Door in E. wall 16" above floor & 4'6" fr. SE. corner is 27" w. x 3'9" h.; seven 3" dia. lintel poles in good condition lower 2'2" blocked.

Door in S. wall 15" above floor & 26" fr. SE. cor., was 28" w. x 4'2" h.; had been roughly blocked, the upper 14" having been placed from R. 258.

R. 274-A-2

Test hole shows W. wall plaster extending down to earlier floor 3'8" below that of room with wall foundation immediately underlying.

Subfloor foundation of large blocks abuts W. wall 4'2" fr. SW. corner; with its base 22" below room floor, foundation passes under E. wall 25" fr. SE. corner. East wall foundation rests on same level as subfloor foundation & abuts it. Half a dozen Chaco type sherds found in test trench.

R. 274-B. - 2nd story E. wall starts 7'6" above ^{its} floor level.

Room 275.

2 cards

7/29/22

Irregular room @ SE. corner of Kiva F.; not previously excavated.

Measures: N., 5'9"; E., 4'4"; S., 7'2"; W., 4'1"; NW., 3'6". 7 floor to ceiling poles in NE. corner, 4'2".

Masonry of E. wall is excellent 3rd type - bands of thick laminate s.s. alternating with equally thick courses of small laminate blocks. Other walls rather carelessly built of both friable & laminate s.s. North wall slightly convex; NW. wall, set within kiva curve, made of small uniform blocks of laminate s.s. walls plastered; NW. wall smoothed under plaster. Two fpts. of 3 x 5" heven plank incorporated in ceiling of NE. corner.

Door in E. wall 22" fr. NE. cor., has sill 1" below floor level; is now 21" w. x 22" h. Original door, with sill 6" below floor level, was 31" w.; reduced by 10" block of masonry on N. side. Secondary N. jamb inclines for support of door lintel, ^{from R. 249A-2} lintels of 1 x 7" heven boards. Opened into R. 249A-2, containing macaws.

Apparent door in N. wall, 15" fr. NE. cor., was 20" w. x 35" h. with sill 4" below floor; had been blocked.

R. 275-z

a 3" dia. post stands ^{against S. side} of W. door) 27" fr. its inner face of W. wall

Door in W. wall 5" above floor & 12" fr. SW. corner, ¹⁵ ~~was~~ 26" w. & leads, by 2 steps, to roof level of Kiva F.; 1st step ~~here~~ is 12" deep; 2nd, 9" h. x 20" w. with kiva curve rising 5".

Fireplaces: (1) 18" NE-SW. x 14" w. x 5" deep, is in SW. corner; (2) in NW. cor., ~~is~~ 17" N-S. x 12" w. x 6" d., with its floor partially overlying an earlier fireplace. In middle ^{substitute} of a fireplace ^(#2) is oval hole 9" E-W. x 6" w. x 2" d.; it was occupied by a mano.

Subfloor: An earlier floor noted @ depth of 10"; abandoned fireplace in NW. cor. lay in this earlier floor. Plaster on E. & S. walls extends below earlier floor. Fill between floors consisted of debris of occupation including squash rinds & seeds & piñon shells.

Room 276.

/ card /

7/29/22

Northeast cor. of Kiva F. square; not previously excavated.

Measures: N., 7'9" to union with kiva curve; E. wall is 16" from kiva curve @ middle of latter. Floor to present top of wall, 10'10".

Masonry: N. & E. walls are portions of former dwellings - laminate s.s. in apparent 4th type altho some suggestion of 3rd. Both walls plastered. In NE. corner a 10" dia. beam was introduced to tie with kiva masonry. At point 8'2" fr. NE. cor., 3 superimposed stones, tied into E. wall, join latter with kiva curve; they rest on adobe fill ~~see~~ above floor.

Fill: debris of reconstruction with loose earth.

Finds: Small quantity misc. sherds; 2 charred concobs; several squash seeds.

Room 277.

/ card /

8/1/22

Small alcove in NW. cor. of Kiva F. square; not previously excavated.

Masonry: N. & W. walls belonged to former dwellings; built of uniform blocks of laminate s.s., plastered. In W. wall is ~~plastered~~ apparent plastered ^{N.} jamb of former door, 26" w.; S. jamb sazed. Here, ^{below floor level,} large stones laid in adobe fill angle with kiva curve. Trade masonry fills supposed door.

Fill: lower 18" = debris of reconstruction; above this, earth containing occasional sherds

Room 278-A.

2 cards

8/23/22

At SW. corner of Kiva G. square; not previously excavated.

Measures: S., 14'3"; E., 27" to kiva curve. Floor to 2" E. offset, 8'6". Small, rotted poles @ this level connect S. wall to kiva curve, suggesting 2nd story. (probable tie poles)

Masonry of lower walls = laminate. blocks 1-2" thick separated by equal thicknesses of small chips. Lower masonry unplastered. South wall slightly convex.

Fill of debris of reconstruction containing a few Chaco sherds.

Room 278-B.

Above 1st story ceiling level S. wall evidences reconstruction; masonry plastered but not smoke-stained — 4th type with tendency toward banding. At W. end of S. wall, a 9" offset. Kiva masonry extends 3' above this level. Both E. corners tied. Upper kiva masonry less regular than lower; more adobe & spalls used; plastered. Abutting W. wall 30" fr. SW. corner, N. wall composed of 4 courses 22" w., rests upon earthy fill & extends 5'7" to E. where ~~is~~

R. 278-v

razed end lies 3'5" fr. S. wall.

Fill of debris of reconstruction with layers of blown sand, settled in water.

Room 279-A.

3 cells

8/21/22

At SE. corner of Kiva G. square; not previously excavated.

Measures: N., 11'1"; E., 3'5"; S., 10'6"; W., 3'3". Floor to underside of E. beam, 6'11"; to 2nd story floor level, 7'11". To ep. 7'6" est.

Masonry of large blocks separated by small spalls, somewhat in 2nd type; few dressed stones present; N. & W. walls plastered. NW. corner rounded; SW. cor. tied; lower 3' of SE. cor. tied with small spalls. North wall rized 5'9" fr. NE. corner.

Door in N. wall 3'6" above floor & 11" fr. NE. corner is 15 1/2" w. x 27" h.; jamb plastered.

Ties: A 3 1/2" dia. pole inserted in S. wall 5'4" above floor & 30" fr. SE. corner passes thru upper W. corner of N. door. Two broken 5" dia. poles protrude fr. S. wall 3' above floor 3'10" & 7'1" respectively from SE. corner. A 7 1/2" log crosses N. wall from E. side of room to tie with Kiva masonry. A 2nd beam, 11" dia. (by seating in kiva curve) had joined S. wall, 6' fr. SW. cor., to kiva wall 34" fr. NW. corner. A 3rd log, 8 1/2" dia., extended from S. wall, 9" fr. SW. cor., to rest, flush with NW. corner, upon 8" of replaced stones in upper W. wall. In SE. corner, 3 small

R. 279-v

poles extend from S. wall @ right angles to ^{across} 1st beam noted to support cedar splints & adobe floor of 2nd story. Resting on this floor a broken log ties the SE. corner.

Posts: The middle & W. beams were supported by 8" dia. posts placed 31" & 6 1/2", respectively, from S. wall.

Fill chiefly of blown sand; in this, no potsherds.

Room apparently abandoned early & 2nd story only utilized.

Room 279-B.

Measures: E., 5'5"; S., 13'2"; W., 3'.

Masonry of banded laminate s.s.; fourth type construction. South wall abuts E.; W. wall is fragmentary & extends to kiva curve. North wall of lower room does not rise above its ceiling level. In E. wall, a 12" offset @ floor level; in S. wall, 10" of rough masonry @ floor level & above a 7" w. offset. A rotted beam protrudes a few inches from E. wall 3'7" above floor level & 4'8" fr. SE. cor.; it probably extended thru from R. 262.

R. 279-3 Vestibule

Passage to R. 262: Stands outside & above NE. corner of R. 279-A. Its masonry walls are finished on inside only; abut E. wall of R. 279-B. South wall of passage 16" thick, stands 5'5" fr. SE. corner of R. 279-B. ^{Passage} had been ~~cut~~ ^{constructed} there after abandonment & fill of R. 279-A. & B. since its walls rest on a sandy accumulation above the adobe floor of R. 279-B.

In S. wall of R. 279-B, just above its floor offset, is a bit of 2nd type masonry of dressed, laminate blocks, overbuilt by banded 4th type construction. Latter abuts the E. wall & partly conceals a R. 262 ventilator further to evidence reconstruction in this section.

Room 280.

1 card

2/2/22

Narrow N-S. chamber above & @ SE. corner of Kiva K.; not previously excavated.

Measures: E., 10'4" to kiva curve; S., 21"; W., 7'8" to Kiva K. curve.

Masonry; N. end of E. wall is 2nd type apparently replaced @ S. end by 3rd type construction - dressed blocks of friable s.s. separated by approx. equal bands of laminate tablets. This wall was plastered. Test hole extended only to depth of 5 feet; floor level probably corresponds with that in R. 278, next on E. South wall, abutting E., is of looser construction & of laminate blocks only. West wall, tied to S. with adobe, of still ruder construction & unfaçed. Its irregularity indicated by width of chamber: 30" @ surface & 21" @ depth of 5 ft. Decayed pole @ surface may mark ceiling level.

Fill: Of debris of reconstruction; in this, a few misc. Chaco sherds. One has a green interior deco. Test hole refilled as protective measure.

Room 281.

1 card

8/24/22

Chamber @ S. of Kiva K. & W. of R. 280; not previously excavated.

Measures: E., 6'7" to Kiva K. curve; S., 11'; W., 5'6" to Kiva curve.

Masonry: South wall ends @ floor level, 6' below present surface; E. wall continues below floor - depth not determined. Below floor, 8" of blown sand with ashy earth & stone spalls below. South & E. walls heavily plastered, each coat being thinly washed with white sandstone. Lower 37" of E. wall & lower 43" of S. wall plaster remain unpainted. East wall may represent former continuation of painted wall SE. of Kiva J to Kiva K. masonry, as exposed, is very uneven. West wall is 22" thick @ S. end & 14" @ N., next Kiva masonry, the variation being wholly within R. 281.

Fill of debris of reconstruction mixed with debris of occupation - charcoal & misc. sherds. Room refilled as means of protection.

Kivas J & K. apparently replaced dwellings.

Room 282.

3 cards

8/30/31

Irregular one-story room @ SW. corner of Kiva K.; not previously excavated.

Measures: N., 7'9"; E., 6'; W., 8'8"; SE. cor. to SW. cor., 9'6". South wall still stands to height of 5'.

Masonry: N. & E. walls built mostly of large, undressed blocks of friable s.s., laid in generous quantities of adobe with occasional chinking. North wall abuts both E. & W. walls; E. wall abuts plastered face of (S) wall which continues from R. 281 with gentle curve to form S. wall of R. 166 & rounding sharply, to form outer W. wall of R. 165. West wall, chiefly of small laminate s.s. blocks, abuts plastered face of triangular block between R's 166 & 167 @ point 17" fr. its E. end which has 9 1/2" w. face.

Door in N. wall, 15" fr. NW. corner, is 26" w. & led to Kiva K. roof level by series of steps 3 of which remain. First of these, 6" within door, is 14" h. with 9" w. tread; 2nd is 13" h. with 7" tread; 3rd is 8" h. On floor, in front of door, is a landing, 14" w. x 24" E-W. x 2" h.

R. 282-v

Door in W. wall, 14" fr. NW. cor., was 22" w.; had been carefully blocked. Its sill @ level of earlier floor, 13" below latest.

Fireplace against W. wall 14" fr. SW. cor., is 16" w. x 29" N-S. x 2" deep.

Fill of sandy debris of reconstruction with debris of occupation @ W. side. In this: 3 manos & 2 hammers not saved.

Subfloor test shows orig. floor 13" below that last utilized. Early floor is 1" above floor of R. 167 & 2" below floor of R. 166 as latter opens into R. 282. (late floor in R. 166 may have been removed during Hyde excavations). Slab-lined fireplace, with curved E. side, built against W. wall 6" fr. SW. corner; is 31" N-S. x 22" w. x 8" d. & was filled with ash & burned sand in which 5 stone firedogs stood. Later, shallower fireplace above it on last floor.

Jar-shaped cist, 20" dia. @ top & 28" dia. @ bottom x 29" deep, cut thru earlier floor 24" fr. E. wall & 29" fr. N. wall. Inside of cist plastered & shows result of burning. Rim, turned outward like jar, is mutilated.

R. 282-3

Subfloor foundation, 4" h. (1 course) x 20" w., abuts W. wall 4'9" fr. NW. corner & passes under E. wall 3'9" fr. NE. corner; its N. face rests upon S. rim of storage cist while S. face of W. end was partly razed upon construction of ^{earlier} fireplace.

Second subfloor foundation, 9" h. x 21" w., with its N. face immediately underlying NE. corner of triangular block between R's 166 & 167, extends thence 4'5" eastwardly where it was razed; here its N. face is 6'3" fr. NE. cor. of room & 3'4" fr. SE. corner.

R. 166: Opens into R. 282. Its S. wall, built of dressed friable s.s. blocks separated by rows of 1" laminated spalls, is 19'3" long; its W. wall is 3'9" l. with a 7" block occupying SW. corner; N. wall is 10'3" long, ending with a 9 1/2" w. face @ opening into R. 282. South wall rounded sharply to outer W. wall of R. 165 & gently to continue as S. wall of R. 281. West end was built in to abut S.;

Room 283.

8/30/22

Narrow chamber W. of Kiva K.; N. of R. 167. Not previously excavated.

Measures: N., 20"; E., 11'5"; S., 29"; W., 11'2". Highest wall, on E., stands only 40".

Masonry chiefly of dressed friable s.s. blocks; those in E. wall generally thinner than those in W. No definite type. North & S. walls are rudely built. South wall, 21" w., abuts E. & W. sides; N. wall abuts W. & ties with E. No 2nd story.

Fill of fallen masonry & earth. In this, a few misc. sherds were found, 1 of red with polished black interior.

Room 284.

1/2 cut

8/30/24

Corner room above & @ SE. of R. 161 (Kiva); not previously excavated.

Measures: S., 3'7"; W., 4'6" ^{E, 3'10"} curving W. @ N. end to meet Kiva masonry. East wall stands 7' above floor.

Masonry is mixed. South wall is 4" type — laminate s.s. blocks 2-3" th., with smaller blocks & spalls separating them. East wall of cruder construction, chiefly dressed blocks of friable s.s.; abuts plaster on S. wall. Both walls heavily plastered & whitened; SE. corner rounded by later plaster layers. West wall of uneven construction; entirely of undressed blocks which about plastered. S. wall & support steps from R. 168 perhaps to roof level of R. 161. In E. wall there is an apparent break marked by a 6" jag 3'10" fr. SE. corner. Floor is 3 ft. higher than bench level in R. 161.

Fill: Room apparently abandoned when steps were constructed. North of E. wall jag, fill of s.s. blocks rudely laid in adobe & abutting plaster on E. side. Remainder of room filled with debris of occupation.

Room 285.

2 cards

5/11/22

Small room N. of R's 159-160; SW. of R. 161 (kiva). Not previously excavated & not shown on Nelson's plan.

Measures: N., 7'6"; E., 4'6"; S., 7'; W., 5'4". Broken N. wall stands 4'10".

Masonry is mixed. South wall is 4th type - laminate s.s. mostly small & uniform; other 3 walls of mixed friable & laminate s.s. blocks rather unevenly laid & plastered. East wall abuts plaster on S. wall. South 3'9" of W. wall, 11" thick, built in to abut plaster on S. wall & projecting S. end of wall forming W. side of R. 161 square. South wall stands 5'10" h. No trace of beams. Floor level @ lintels of door formerly opening thru S. wall from R. 159; blocking partly removed from this door when R. 159 was excavated by Hyde Exped.

All walls plastered.

Door in W. wall 22" above floor & 30" fr. NW. corner was 22" w. S. jamb still stands 3' high; no trace of lintels. Six sherds stuck in plaster @ N. end of sill. Door opened into East Court.

T-shaped door in S. wall had been blocked & plastered over. Lower portion, @ floor level & 6" fr. SE. cor., was 18" w. x 24" h.; upper portion, flush with SE. corner, was 29" w. x 36" h. Blocking of upper

R. 285-2

part, flush with wall @ shoulders, ~~is~~ slopes back 9" @ top.

Fireplace, slab-lined, lies against N. wall 31" fr. NW. corner; is 18" N-S. x 15" x 10" deep. Its E. side is formed by a metate; its SW. corner is rounded.

Fill of ashy debris containing a few misc. sherds.

Room 286. ^{4 sets}

8/30/22

A possible arbor-covered workplace @ SE corner of East Court, W of Kiva 161-162 enclosure & S. of R. 287. Measures: N., 8'10" + plastered fgt. continuing 5'6" to west; E side, 18'8" to plastered S. end which is N jamb of former door in wall that continues, 5" below surface, 3'9" to exterior of R's 159-160. W wall of R. 285 slants eastward, perhaps on acct ^{earlier} later S door.

Masonry: mostly thick blocks of friable s.s., dressed & undressed, with 1" pcs. of laminate s.s. betw. & plastered. East side stands @ court surface or 12" h. rough, earthy foundation. It is approx. 3'4" above apparent floor level of R. 159 & thus much later.

North wall, plastered exterior of R. 287. In it, 3'1/2" fr. NE cor. & 22" above ^{conv.} surface, door formerly 26" w. was reduced to 12'1/2" by secondary jambs, plastered & sloped up & forward to hold door slab placed fr. ^{R. 287} within.

East door, 23" w. & 21" above Ct. surf., is 22" fr. outside of 159; opened thru slanting wall into R. 285.

R. 286 - 2

South wall: extends fr. W side of R. 285 west 12'1" to 19" jog @ NW cor. of R. 159, thence W to R. 154. Door flush with exterior of R. 285 & 3" above court surf., 27" w. & partly blocked, opened obliquely into R. 159. Presumably presence of this door forced east slant to R. 285 W. wall. Part blocking resulted in step-like sill, 8" w. on E end & 10'1/2" on W, rounding to door jambs. (In 159 this rebuilt door is 8'4" fr. NW cor. & approx. 3'7" above ^{approx.} floor level with 22" of neat blocking above orig. sill). A ^{small} S. door to 159 is 26" above court & 4'7" fr. exterior of 285, 24" w. x 27" across sill; latter consists of s.s. slab 16" w. + a 5" w. hewn plank on either side. Door appears to have been cut thru after completion of wall; its jambs, plastered.

Post 5" dia., 4'2" fr. S end of E wall; 4'8" fr. 159 exterior.

Fireplace, rectangular & slab-lined, 21" x 26" E-W, is 2'5" fr. S wall & 6' fr. end of E side.

Finds. Fgts of 5 metates (1 used to sharpen ax), 2 manos, 3 hammers, 3 abraders, & misc. sherds. Also, 2 mammal skulls (#1324), bones of porcupine (*Erethron expixanthum*) & bobcat (*Lynx*).

R. 286-3

Among 742 sherds tabulated, 16 bowls & jar frags with M/V type deco. & 1 Kayenta polychrome bowl frag.

~~Fireplace in middle of area, 24" dia. x 11" d., with 8" w rim. 4" above court surface.~~

Subfloor kiva: E wall founda., 12" h, rests upon arc of undercourt kiva. Its inner E side is directly beneath face of E wall (exterior of Kiva 161-162 enclosure) & inner N side is 3" ^{outside} fr. middle exterior of R. 287. Kiva floor, 9'6" below court level (top of E wall founda.); dia. @ floor, 13'; bench 10" w. x 36" h. No pilasters. Walls plastered full height. Masonry of friable s.s. both dressed & undressed, with much mud & irregular shinking. Does not conform to PB types. Roof on single E-W beam, 8" dia., with smaller, 2-5", N-S poles. Had collapsed & mixed debris of reconstruction & occupation was dumped into depression. E end of beam supported on 2 posts, one of them, 5" dia., partly embedded in bench front. Sections of both posts parafired & sent to Dr. Douglass as # 97 & 98. (Rev. 10/22, C.I. 1088 & 1692; latter revised by Smiley, 1952) to 1091+.

R. 286-4

Kiva fireplace, mid-floor, 24" dia. x 11" d., with 8" w. masonry rim rising 4" above floor. covered by s.s. door slab, edges dressed;

South recess, above bench, 5'2" w x 6" d (W end razed); plastered repeatedly, each coat smoke-stained.

Ventilator, subfloor, 14" S. of fp, is 14" w. x 20" N-S x 27" d; ~~last~~ rimmed with masonry 6" w. x 5" h. Duct lined with dry masonry, stones larger than usual; measures 14" l. on W side; 21" on E; turns SW @ 45° angle. Vent shaft, 20" N-S x 11" inside; 2'5" N-S x 3'9" outside & plastered, stands 27" fr. R. 158 & 8'7" fr. E side of area.

Kiva had been partly razed (W 1/3 & W end of S. recess) when Kiva 2-E was built & filled with loose earthy sand including household debris. In this we found misc. sherds & mammal bones including 2 skulls (#1324), porcupine (*Erethozon eximianthum*) & bobcat (*Lynx*). Among sherds tabulated by R. & A., 16 frags of proto-MV, & 1 Kayenta polychrome bowl frag, were refilled after excav.

Plastered & smoked walls N & W of vent shaft may represent earlier bldg. on floor @ 5'6".

Room 287.

/cont/

8/11/22

Between R's 286 & 288; against E. wall of East Court opposite junction of Kivas 161 & 162. Not shown on ^{Hilde's} plan in Pepper's Report; not previously excavated.

Measures: N., 7'1"; E., 12'3"; S., 7'; W., 12'8". Highest standing wall, on E., 5'8". Evidence of beam seatings not detected. N wall 2 3/4" th.

Masonry of dressed, friable s.s. + small amt of chinking. Walls had been plastered; smoke stains, chiefly in S.E. corner. Not 2nd type.

Door in N. wall 21" above floor & 28" fr. NE. cor., is 26" w. Door in S. wall, 20" above floor & 2'9" fr. SE. cor., is 25" w. but heavily plastered secondary jamb for support of door slab reduced width to 15". Hintels gone but E. jamb still stands 36" h. No other openings seen.

Fireplace in SE. cor. is 19" on E. x 21" on S. x 6" d.; 3 stone firebricks in place. (Child Burial #923) in ashy fill about 4' above floor

Recess in E. wall 31" above floor & 35" fr. SE. cor., is 6 1/2" w. x 3" h. x 3" d.

Slab on edge 15" l. x 3" h., abuts N. wall 33" fr. NE. cor. & extends into room.

Fill of debris of occupation; this partly covered W. wall which had settled outward. In this, frags of door slabs, 20 hammers, 2 manos & frags of 3 others, 3 abraders, squash seeds & bits of green painted wood not saved.

N. & S. walls abut E.; NW & SW corners tiled.

Room 288.

/cont/

8/11/22

Between R's 287 & 289; against E. wall of East Court opposite Kiva 162. Not shown on ^{Hilde's} plan; not previously excavated.

Measures: N., 7'; E., 12'; S., 6'11"; W., 11'8". Highest standing wall, @ NE., is 6 feet. Remains of beam seatings not evident.

Masonry mostly of large, dressed blocks of friable s.s. with small amt of chinking. Not our 2nd type. Walls had been lightly coated with adobe mud. West wall had collapsed outward.

Door in S. wall 20" above floor & 29" fr. SE. cor., is 26" w. & 23" across sill. Hintels gone but E. jamb still stands 35" h.

Fill of debris of occupation.

Finds include misc. sherds, ⁽¹²⁻⁶¹⁾ many fractured deer bones, frags of door slabs, frags. of 3 metates, 3 manos & frags of 5 others; 2 hammers & a large thin stone with longitudinal groove where some small object had been sharpened. Also bits of wood painted green; frags of decayed plaited basketry; frags of 7 s.s. jar covers; 3 water worn pebbles, 2 frags of pale red claystone, unworked — these not saved. Among bones, Phamel identifies: *Tepus californicus*; *Ptychocheilus auduboni*.

N. & S. walls abut E.; NW & SW corners tiled.

Room 289.

2 cards

8/24/23

Northernmost of 3 rooms built against E. wall of East Court. Not shown on ^{Hudak's} ~~Felton's~~ plan; not previously excavated.

Measures: N., 7'2"; E., 12'; S., 7'1"; W., 11'9". Highest wall, on E., stands 6'4".

Masonry mostly of large, dressed blocks of friable s.s. Not 2nd type. Walls had been lightly plastered with adobe mud. Break in E. wall 7'4" fr. NE. corner shows where a former S. wall of R. 163. was razed (?). South wall abuts the E.; N. wall built against but ties with E. Laminated spalls used as chinking in S. wall.

Door in E. wall 19" above floor & 2'9" fr. NE. cor. is 26" w. @ sill & 22" w. @ lintels x 35" h. & 24" across sill. Secondary lintels 3" below the upper. Lower 17" of door blocked from R. 163. No other wall openings evident. May have been a door in W. wall, now fallen to within 10" of floor. But no W door in R. 187 or 188.

Fill largely of blown sand mixed with debris of occupation. In this: 2 hammers, 3 manos & frags of 2 others; 1 large ^{smoothing} ~~rough~~ stone; 2 water worn pebbles; 1 troughed metate; ~~misc.~~ ^{several} bird bones & misc. potsherds among which corrugated ware predominates.

R. 289-v

Wall foundations: N. wall foundation, av. 20" h., protrudes 4" @ E. end & 2" @ W. East wall, @ floor level, stands on 13" h. foundation inset 2". Masonry of W. wall extends 2" below floor & rests on 8" h. foundation inset 1".

Rooms 287-289 obvious late since built upon last E. Ct. surface.

Room 290. Heds

6/20/23

Between R. 65 & Kiva 6. Not previously excavated. 1-story room built at same time as adjoining R. 291.

Measures: NE, 11'10"; SE, 4'1"; SW, 12'; NW, 6'3". Highest standing wall, on NE, 7' h. with no beam holes visible.

Masonry: Of 3rd (2B) type built of salvaged material. NE wall predominantly laminate s.s. both dressed & unworked but includes some dressed friable blocks. Successive coats of plaster total 1". Other 3 walls contain larger proportion of dressed friable s.s.; no plaster remains on these 3. SE wall, abutting NE, covers blocked former door whose well-finished

NW jamb is 9" fr. E corner of room. This door belonged to earlier structure since its sill is 41" above R. 290 floor. ^{Wall patched below door.} Another former NE door, blocked & plastered over, is covered by abutting NW wall; was 45" h. with sill 19" above R. 290 floor. SW wall, 19" h. abutted SE & rested on 2 beams across NE arc of Kiva 6; their decay brought partial collapse of NW & SW walls. Inner face of Kiva 6 is 5'6" fr. N. corner; Kiva wall about 20" thick. over

For JPB# 79, beam sect. under SW wall, a Ed. gets 1061

R. 290-2

T-shaped door in middle of SW. wall; sill probably @ floor level; lower part, 19" w. x 20" h.; upper part, 30" w. & about 5 ft. from S. corner. Probably blocked.

Wall recess; In NE wall, 5' 5" fr. N. corner & 2' 8" above floor, wall stones had been removed to provide recess 13" w. x 7 1/2" h. x 14" deep; plastered inside; rear width about 14"

Fireplace: Against NE wall directly below above recess is roughly oval fireplace 25" NW-SE x 14" w. x 9" deep. In this, covered & surrounded by ^{2-3"} ashes, infant burial (^{#1024}) face down, head to NW. Above burial & at floor level, new hearth. T.D.S. says "near 1 year"; Phy. Anthrop. # 327/33.

Workslab; embedded in floor @ W. end is squared s.s. slab worn on top by rubbing; its N. corner is 4' fr. NW wall & 3 1/2' fr. NE. Slab measures 12 1/2" NW-SE x 10 1/2" w. x 6 1/2" thick; embedded 4"; nothing beneath.

Fill: debris of occupation.

#1024 = U.S.N.M.W. No. 327133

Bones identified: wild turkey, mule deer, jack rabbit, & Sandhill crane (*Megalornis mexicana*)

R. 290-3

Finds : Besides cataloged specimens, 5 manos & frags of 5 others; 11 hammers; 3 smoothing stones one of which, squared & of very fine s.s., is stained with red ochre; 11 frags. of thin s.s. tablets 2 of which bear, respectively, red & yellow paint; frags of 2 stone jar covers; 2 s.s. firedogs, burned; butt end of flint knife, 1 1/2" w.; misc. chips & frags. of silicified wood, flint, quartz, & chert; knobbed end of ceremonial staff; charred corn cobs, squash seeds & rind; misc. mammal & bird bones. 2505 sherds: 14.5% OB; 61.0, IB.

Subfloor: Concave face of Kiva to masonry, 20" th., passes under NW wall 5 1/2 ft. from N. corner; built against outside top of Kiva curve is 13" w. offset for Kiva ceiling poles. A thin adobe floor or pavement extends outward on level with this offset & is overlain by 12" of sandy earth & debris of reconstruction which provides a base for R. 290 floor & NW wall. Kiva offset apparently ends about 5' fr. NW end ^{of room} @ outside W. angle of a subfloor room whose NW wall is 11" th. & unplastered on

dump!

R. 290-4

possibly
m₂ type.

exterior. The plastered & smoked inner face of this 11" wall underlies NE side of R. 290 @ point 2'8" fr. its E corner & its opposite passes under R. 290 SW. side 5' from same corner. This latter subfl. wall stands on a 16" h. founda. of s.s. slabs laid in abundant adobe mud; its associated floor lies 7'2" below that of R. 290. Plastered & smoked on inside only these 2 subfl. walls were razed on level with top of Kiva T masonry &, like the latter, were overlain by the same 12" layer of sandy earth & debris of reconstruction. Like debris filled the subfloor room.

Ventilator shaft, presumably belonging to former Kiva # 76, partly underlies NE wall close in N. corner of R. 290. About 17" sq. inside, its inner NW face lies 8" from NW wall of room; room floor & ~~the~~ NE wall rest directly upon the partly razed shaft.

Room 291 / 5cds

N.G.S. Negs. 22661A., 22663A., 22664A.

6/23/23

1-story house NW of R. 290 & S.W. of R. 66. Not previously excavated
Measures: NE., 17'4"; SE., 6'5"; SW., 16'4"; NW., 7'8". Highest wall, middle NE, stands 7' with no beam holes evident.

Masonry of 3rd (2-B) type, plastered & smoked. NE ^{wall} more banded & of superior construction but includes dressed friable & laminate s.s.; successive coats plaster total 1", last coat white. SE & NW walls abut plaster of NE side. NW wall, unfinished outside, presumably built after Kiva 75. East 1/2 of SW wall & adjoining 1/3 of SE toppled outward when supporting beams, across arc of Kiva T, rotted & collapsed. JPRS # 79 dated 1061.

Door in NE wall, 4'11" fr. N. cor. had hewn plank sill 5" above floor; was blocked, had been 28" w. x 49" h.

T-shaped NE door with upper part 38" w. & 16" fr. E. cor., had been blocked & plastered over. Its lintels, hewn cedar planks (42" h. x 5 3/4" w. x 1 1/2" th.) lay 33" above floor. East end of front plank had been propped by a 2" dia. post. In blocking, a wall recess, 10" w. x 11" h. x 16" d. was left 22" above floor.

N.G.S. 22661A

R. 291-2.

T-shaped door, SW wall; lower part 22" w. with sill @ floor level 7'9" fr. W. corner, had been blocked; upper part fallen. Comparable door in R. 290, adjoining on SE.

Workslab: fine-grained s.s. & rubbed smooth, embedded flush in floor 4'3" fr. NE wall & 3'6" fr. SE. Measured 11 1/2" NE-SW x 9 1/2" w. x 1 1/2" th. (No. 1064) ⊆ Nothing beneath.

Fireplace: 7' fr. NW wall & 18" fr. NE. is 30" dia. x 3" deep; had been cut into floor & rimmed with sandy clay. ~~It~~ In N. side is secondary basin, 10" dia. x 3 1/2" d., filled with fine wood ashes; burned sand filled larger basin.

Mealing bins: 5, all dismantled. In W corner, 3 against SW wall; that @ SE, floored with slabs, measured 19" NE-SW x 11" w.; the others were approximately 18" l. x 16" w. & that in corner was adobe-paved. NE of these 3 are 2 more bins each paved with slabs & aligned about 2 ft. fr. NW wall. Both dismantled & ^{wall} slabs removed: (1) Against NE wall between

R. 291-3

N. corner & NE door, is 21" NE-SW x 16" w.; (2) adjoining on SW side of 1st, is 16" NE-SW x 12" w. Both basins ⊆ 4" deep. Room floor torn up between the 2 bin series.

Postholes marking beam props & 3-4" dia.: (1) in N. cor., 3" fr. NE & NW walls; (2) about .5' fr. N. cor. & 2" fr. NE wall; (3) in W. cor. ⊆ 3" fr. walls & inside adobe-floored mealing bin; (4) against SW wall 4'8" fr. W. corner; (5) 9'2" fr. NW wall & 4'5" fr. NE; (6) in E cor., 3" fr. NE wall & 18" fr. SE. Between latter post & SE wall is semi-globular basin, 4" dia. x 3" d., an apparent jar or pot rest (?)

Fill: debris of occupation half filled the room.

Finds: Besides cataloged specimens, 8 manoc & 1 mano-like smoothing stone of very fine-grained s.s. bearing traces of white paint; 9 hammers; 1 small discoidal stone bead; 1 ft. abalone shell, several quartz pebbles & misc. chips of obsidian, flint, etc.; misc. bird & mammal bones. 1023 potsherds: 6.1% OB; 73.2% L.B.

R. 291-4

Subfloor tests: SE wall masonry extends 7" below floor; earlier floor @ depth of 4". Floor of R. 291 is 7" higher than that of R. 290.

(1) Partly razed 3rd type wall, 24" w., plastered & smoked on both faces, passes under NW end of room 27" fr. W corner; its E end razed 5'9" fr. NW wall & 15" fr. SW, presumably when Kiva I. was built. NE face of this subfl. wall had bulged & been repaired; it was less neatly plastered than opposite side. In it, 6" fr. NW end of R. 291, is former door, 36" w., neatly blocked with dressed friable s.s.; sill is 4'9" below floor of R. 291. Account cramped space, test pit ended @ depth of 7'9" without exposing associated floor. 2 NE-SW logs laid upon partly razed subfl. wall & packed about with mud were designed to support R. 291 masonry since NW end ^{of R. 291} rests upon 1 log & the other, toward E end, extends to & thru foundation of R. 291 SW wall.

Sill height of 3'4" is high for 3rd type.

R. 291-~~4~~⁵

(2) A 2nd subfloor wall, 6" w. & apparently of 1st type masonry, emerges fr. under SW wall 6'8" fr. W. cor. & extends NE 40" where it was razed. Between this 2nd subfl. wall & the 1st (3rd type) is a built-in block of masonry 28" l. x 10" w. @ NE end & 15" w. @ SW, faced, plastered, & smoked on SW face only.

(3) A 3rd subfl. wall, of adobe, retaining earth fill in NW ^{half} of room crosses latter 8'11" fr. SE end, is faced on outside only & stands upon & rounds off to a floor 14" below that of 291. On this subfloor, 3'10" fr. R. 291 NE wall & 6'4" fr. its SE, is fireplace 28" NE-SW x 21" w. x 12" d., slab-lined & ash-filled. Among ashes, several coiled potsherds & jar frags. No post & wattle?

(4) Subfl. passage with masonry sides 7" th., faced & plastered on inside only, passes under NE wall with its inner SE side 32" fr. E corner of 291 & its inner SW end 25" fr. NE wall. Is 22" w. x 60" deep & is blocked 10" fr. its SW end by s.s. slab on edge, standing on 38" fill of stone frags & ashy earth, & held in place by adobe mud pressed against sides of passage.

is continuation of SE end of R. 316

This may be floor @ depth of 12" in R. 290.

Pepper says nothing of this passage in R. 66.

Room 292.

/1 case/

6/24/23

Triangular, unused chamber N. of R. 266 & E. of R. 99. Not previously excavated.

Measures: NE., 8'; S., 6'9"; W., 5'10".

Masonry of S. wall is 2nd type, plastered; of NE. wall, 3rd type abutting plaster on S. wall; W. wall ties with NE. & abuts plaster on S. South 1/2 of W. wall of fine 3rd type - large blocks of laminate s.s. chinked to resemble 2nd type construction - while N. 1/2 is rough & later. A 4" joq remains where the 2 parts join. Reconstruction evident. An abandoned ^{to dividing} & partly raged ^{3rd type} wall, 27" w., ties with NE. 22" fr. E. corner & is overbuilt by W. wall 14" fr. SW. corner. Space on either side of this wall filled with debris of reconstruction.

x A 5 1/2" dia. ceiling beam from R. 293 protrudes thru NE wall (52" above abandoned wall) @ ceiling level of R. 99; it lies 45" fr. E. corner of R. 292. No openings in walls.

Chamber refilled in 1923 as support for higher walls @ NE.

x JPB #67 - gave A.E.D. date of 920 + X (Smiley, 1952 corrects to 920).

2nd story is part of R. 99B.

Room 293A.

/4 cases/

10/27/27

6/28/23

SW. of R. 187; NW. of R. 267. Not previously excavated.

Measures: NE., 14'10"; E., 17"; SE., 9'10"; SW., 9'9"; NW., 8'4"
Floor to NW. ceiling pole holes, 8'4".

Masonry, of laminate s.s., is 3rd type altho resembling 2nd type in places. Middle, horizontal 2 ft. of SE. wall shows ancient repairs; lower 3 ft. is 4th type construction. North & W. corners tied; SW. wall ties with lower 1/2 of earlier SE. wall. East corner occupied by built-in masonry - with stones set wider apart than usual - 17" w. in front & extending to ceiling level only; it rests on earlier floor, @ depth of 5". Walls had been plastered; burned spots on plaster near floor evidence accumulation of blown sand before fire.

Ceiling supported by 3 pairs of beams av. 5" dia., one pair being introduced into SE. wall. Ceiling poles ran lengthwise of room.

Fill: of fallen masonry & blown sand with charred ceiling poles above blown sand on floor.

Finds: Several stone jar covers & frags of stone knives (?) found near floor level; small lot of potsherds among fallen masonry.

R. 293A-2

Door in SE wall, @ floor level & 6" fr. E. corner, was originally 29" w. with orig. sill, removed during ancient repairs, @ or below earlier floor. Door had been reduced to 26" h. x 21" w. by new slab sill & secondary jambs, 5" w. on E. & 3" w. on W., to support door slab in R. 267. But door was further reduced by plastered ^{sill} 6" h. & rounded off in front, to form new sill, set 8" back fr. wall face. Above this latest sill, on E. side, is 2nd inner jamb, of adobe & 2 1/2" w., also inclined upward & outward fr. R. 267, & reaching to lintels; on W. side, 2 adobe-covered sticks 1 1/4" dia., form comparable jamb, 5" w. As finally used, door was 12" w. @ sill x 20" h.; inner E. jamb is concave.

Door in NE wall, 21" above floor & 5'8" fr. N. corner, had been blocked to leave plastered recess 31" w. x 14" h. to pole lintels x 18" d. Jambs do not extend below sill; decay of lintels permitted settling of masonry above.

Ventilators: (1) In NE wall, 6'1" above floor & 7" fr. N. cor., blocked vent, 13" w. x 12" h. (2) In SW wall, 6'4" above floor & 7" fr. W. cor., is vent blocked fr. R. 292 to leave recess 11" w. x 10" h. x 9" d.; has slab lintel & is plastered inside.

R. 293A-3

Shelf: Against built-in E. block, 4'4" above floor, 3 small poles set in NE & SE walls had former shelf 23" deep.

Wall holes: In SW wall, 3'10" above floor, 2 holes av. 3" dia.; wall plaster rounded their edges. Each plugged with adobe; contained nothing. Smaller, single hole @ same level in NW wall.

Floors: Last, thin coat of wall plaster rounded off to last, or upper, floor; an earlier floor @ depth of 5". Apparent construction level, somewhat whitened, noted 24" below upper floor in E. cor.; 28" below, in N. corner. This surface lies 2" below top of NE wall foundation in E. corner & 8" below top of same foundation in N. cor.

Subfloor: In N. cor., base of NE wall ^{masonry} foundation, 20" below upper floor, rests on foundation 15" h.; NW wall masonry, 21" below floor, rests on 10" h. foundation mostly adobe. In E. cor., base of NE wall masonry lies 22" below upper floor, on 20" h. foundation. (This wall & its foundation should abut SE wall behind built-in E. block). Foundation of SE wall, w. 12" h., lies 37" below upper floor in E. cor. & 31" below, in SW corner. Lower portion of SE wall, of

R. 293A-4

laminated s.s. resembling 4th type masonry, is not plastered below early floor. Fill below latter is debris of reconstruction, with blown sand.

In SE. wall, 9'1" fr. built-in E. block, is E. jamb of apparent former door 21" of which lie above upper floor level & 29" below with remainder, if any, now concealed by subfloor NW-SE foundation & rock fill. The apparent door was blocked with masonry for upper 41" with 9" of adobe below; some stones subsequently removed to permit tying with SW wall whose foundation lies 14" below upper floor. (Note difference in depth of NW. & SE. foundations)

Subfloor foundation, of rough friable s.s., 19" h., abuts SE. wall 8' fr. built-in E. block & 22" below upper floor; occupies trench 27" w. passing under NW. wall ^{10"}42" fr. W. cor. where trench floor is 35" below that of room. The NW. wall foundation extends down to floor of trench. "Trench" formed by debris of reconstruction pressed against former foundation, now mostly razed. Debris against NE. wall foundation is so compacted that a like trench would result if foundation were removed.

No subfloor foundations enter from R. 187.

Room 293-B.

1/27/27

1/27/27

Masonry agrees with that of 1st story altho SE., NW., & NE. walls are more definitely of 3rd type construction. ~~that~~ NW. wall nearly intact; NE. wall now stands 9'6" from floor level to broken top.

Door, 28" w. & approximately 14" above floor level, opened into R. 186^B above built-in masonry block in E. corner of 1st story; door, provided with hewn plank sill, had been blocked. East jamb of this door is 5" from angle formed by NE & SE walls.

A possible door in now broken NE. wall.

Room 294

3 cards

9/26/23

Between R's 99 & 188; NW. of R. 293. Not previously excavated. Measures: NE, 16'11"; SE, 8'3"; SW, 16'; NW, 7'8". Floor to NE ceiling beams, 8'2"; to ceiling offset, 8'6".

Masonry of 3rd type — large blocks of dressed laminate s.s. predominate; separated by single & double rows of spalls to give suggestion of 2nd type construction. Walls plastered & smoke stained. Lower NE wall had sagged outward when 2nd story fell. [Room next on NE not excavated — left to support this & neighboring walls]

Door in NE wall, @ floor level & 7'1" fr. N. cor., was 37" w. x 44" h.; had been neatly blocked & plastered over. Its NW. jamb extended 4" below floor to earlier surface.

Door in SW. wall, 17" above floor & 6'7" fr. W. cor., was 27½" w. x 36" h.; width later reduced to 21" by secondary, plastered masonry jamb built to support door slab placed from R. 99.

Ventilators in NE. wall: (1) 6'3" above floor & 15" fr. N. corner; (2) 6'9" above floor & 4" fr. E. corner. Both blocked during occupancy. ^{12" x 14"} ^{11" w. x 12" h.}

Ventilator in SW. wall, 6'8" above floor & 7" fr. W. cor., measures 13" w. x 15" h. Second vent. not evident.

R. 294-2

Floor smooth, hard, & well preserved.

Subfloor cist in N. corner indicated by soft spot. Cist was excavated in compact, clayey sand; not plastered. Measures 26" dia. x 19" deep; lies 13" fr. both NE & NW. walls. Filled with clean, loose sand containing no artifacts.

Fill of fallen wall material; in upper ½ of fill, charred frags. of ceiling timbers evidence fire after abandonment of room. ~~Plaster~~ ^{Smoke} stains on plaster doubtless caused by this fire.

Finds: 2 manos; 7 small, unused water-worn stones; grooved quartzite cobble 11" l. x 4" dia., showing no battering from use as maul; 1 discoidal bone bead; 1 drilled frag. of shell bracelet; 3 worked bits of turquoise for mosaic; flint & obsidian chips; charred corn cobs; misc. sherds of coiled, B-on-W. & B-m-R.

Shelves: (1) At NW. end, 9 small pole holes in NE & SW. walls 51" above floor evidence former shelf 49" deep; (2) at SE. end, 11 similar holes 55" above floor evidence shelf 5' deep.

R. 294-3

Subfloor: Masonry of both SE. & NW. walls continues 8" below floor to rest on coarse foundations. Earlier floor 4" below last used. In soft earth between floors, several meandering burrows left by rats or other rodents.

Subfloor Trench, av. 28" w. x 29" d., well-defined by compact sand coated with alkaline salts, abuts SE wall foundation 14" fr. S. corner & NW foundation 27" fr. W. corner. Trench seems to represent former wall, started & then completely razed. NW & SE foundations cross trench & rest on its bottom.

R. 294 B: Second story SE & NW. walls are largely intact & show banded 3rd type masonry. Broken NW wall now stands 9 feet above its floor level.

Room 295.

2 cards

6/25/23

NE. of R. 88. Previously excavated but not so indicated on Pepper's groundplan or in his book, p. 291. Doubtless later vandalism.

Measures: NE., 16'10"; SE., 7'7"; SW., 16'6"; NW., 7'7". Floor to ceiling beams, 7'4"; to ceiling offset @ NW end, 9'6". to cp. 8'4" est.

Masonry of 3rd type with dressed s.s. blocks occurring in bands, especially in SW wall. Corners tied.

Door in NE. wall 6'4" fr. N. cor., was 3'8" w. x 4' h.; had been blocked.

Door in SW wall 7'4" fr. S. cor., is 28" w.; height not ascertained.

Ventilators in NE. wall: (1) 7" fr. N. corner, is 14" square; (2) 17" fr. E. cor., now represented only by its SE. jamb. Both about 6 ft. above floor.

Ventilators in SW wall: (1) 16" fr. E. cor., is 14" square; (2) at opp. end, was inadvertently closed during 1923 restorations - repair of large hole. E end SW

Fill to near ceiling level with sandy earth; vegetable matter on floor covered with 2 ft. of blown sand. In this, occasional

1923
repairs

R. 295-v

tin cans, nails, etc.

Vandalism: ceiling timbers of NE, SE, & NW walls had been cut with saw & steel ax. This may have been done for fuel long after room was cleared & used by whites. Blocking of NE door had been partly broken out; large hole had been broken thru NW end of SW wall. Nails were driven into front lintel pole of SW door.

The protection for surrounding walls, room was partly refilled in 1923.

Subfloor wall, av. 22" w., passes under NW wall 1" fr. N. cor. & under SE wall, 14" fr. E. corner. Coarse foundation of SE wall rests upon this subfloor wall.

R. 295B. NW wall stands 7'10" above its floor offset. Walls practically intact except in middle SW wall, about broken door.

Foundations of R. 295, 293 & 294 probably were laid for 2nd type walls before plans were changed & present walls constructed.

Unnumbered room NE. of R. 295.

10/18/27

Unexcavated.

3rd story SW wall is of 3rd type masonry & plastered; NE, of 4th type. NW wall abuts both NE & SW walls; SE probably abuts SW. West end shows in NGS Neg. 50582A. Of 3 wood specimens JPB[#]76-78 only 1 (#76) dated by AED @ 1041.

Narrow, triangular room adjoining above on NW.

NGS Negs. 50582; 50592A.

3rd story SW wall, of 3rd type masonry & plastered, continues to NW & ties with 2nd type masonry in room NE. of R. 86; represents former outer wall of ruin. NE wall, of 4th type masonry, ties with NW, also 4th type; beyond short NW end, solid 4th type masonry continues to NW abutting plastered 3rd type of old wall to form new & latest outer wall. Short NW end abuts plastered SW wall. 1st & 2nd stories undoubtedly filled with solid stonework.

Room 296 (2 cds)

7/7/23

First story room adjoining R. 86 on NW; R. 14-85 on NE. "Not previously excavated. Probably utilized for storage; dwelling, above.

Measures: NE, 16'1"; SW, 15'8"; SE, 8'10"; NW, 8'10". Floor to ceiling poles 7'6". Ceilings of R. 296 & 298 on same level but R. 296 floor is about 16" ^{lower} higher than that of R. 298.

Masonry: Pure 1st type - s.s. slab of full wall thickness & mostly chipped on edges; adobe pressed in between, covering most of stones & showing fingerprints always. All walls smoke stained (most marked @ NW end) as result of fire which destroyed R. 298. Several roofpoles - pine, cottonwood, box elder, pinyon - had been crushed vertically against side walls by collapse of upper masonry. Floor ill defined & unplastered surface of sand deposit. Wall foundations average 18" high, & lie rather flush with wall face. No fireplace on floor. Beneath floor @ W. corner is massive friable s.s. noted in R. 298.

Door in SW wall, 7' fr. W. corner & about 4' above floor ~~was~~ is 27" w. x 24" h. But partial blocking is indicated by unsurfaced sill & wall area just below. Two protruding wall stones could have served as steps. No other door; no ventilators.

R. 296 - 2

Fill: On floor, a 12" ± layer of cedar chips & splinters containing misc. sherds; above this, fallen masonry filling the room.

Finds: Most of artifacts recovered came from ~~just~~ above chip layer, as they fallen from 2nd story. Besides cataloged specimens, the following were noted & left in the room: 9 manos; 2 ^{tabular} metates - both troughed, the best being 20" w. x 23" l. x 2" th. with grinding surface 11" w. x 19" l. x 1 1/2" deep -; 1 mano-like smoothing stone; 2 hammerstones; 1 stone tablet, 8 1/2" x 7 1/2" x 3/4", with chipped edges & both faces showing wear from grinding; several small unworked pebbles; decayed frags. of feathers-cloth robe, squash stems & rind; frags. of canyon walnuts; flint chips & 1 arrowpt tip; frags. of various sized yucca cord. 3 small rectangular pieces of turquoise later placed with misc. Poinito finds.

JPP #68 gives A.E.D. date of 932.

" 69 " " " 1047.

R. 296 B - Secondary W. corner masonry still stands 4 1/2' ± above its floor level; shows walls more carefully plastered than in lower story; plaster had been whitened.

Room 297 B. (1cd)

7/6/22

First story not excavated; 2nd story floor not exposed & may be intact together with 1st story ceiling. Is in outer N. tier, adjoining R. 298 on N.W. SW 16'. HBR gets cp height, 7'10"

Measures: NE, 16'; SE, 5'3"; NW, 5'8". Width in middle, 4'10".

Masonry: SW. wall, slightly convex, is 1st type; other 3 are fine 2nd type. West 12" of SW. wall is 2nd type, squaring the corner against old masonry. 2nd type walls had been smoothly plastered. Door in NE wall, 6'11" fr. N. cor., was 23" w. x 36" h. to lintel poles; had been blocked with large, dressed blocks in 2nd style ^{from outside, leaving} ~~excepting~~ ^{8"} ~~supper~~ ^{under lintel} which was closed on outer N.W. side only & left as ^{8"} recess. NE. wall is 27" thick. Door in NW, 21" fr. N. cor., is 22" w. x 32" to pole lintels; not blocked. Door in SE, 20" fr. E. cor., is evidenced by portion of N. jamb. Only lower portion of SW. wall remains.

R. 297 C: Portions of NE 3rd story walls show banded 4th type masonry. Floor level is somewhat higher than that of R. 299-C. (N.S. prints 3209A & 39570-A)

Measurements

Second story room next SE of R. 297 B. shows 2nd type masonry; 2nd room to SE, that NE of R. 86, shows banded 4th type.

Room 298 (2 cds; 1 B. cd)

N.S. Neg. 22669A
Bowls in situ.

7/6/23

First story room numbered 15 but not excavated by Pepper. Adjoins W. half of R. 14-85 (on NE). Probable storeroom.

Measures: NE, 14'; SW, 13'6"; SE, 8'8"; NW, 8'2". From indefinite floor to ceiling poles, 6'2". JPB # 75 gives AED no date.

Masonry: Pure 1st type stonework roughly & thickly daubed with adobe. Room is later than R. 13 for N. 4'6" of NW wall abuts, with an 8" joq, the rounded outer NE cor. of R. 13. No certain foundations. At base of masonry, an ill defined & uneven surface upon which rested a 14" layer of cedar chips & other vegetable matter, mixt with sand & containing misc. sherds. Upon chip layer, ^{sand covered,} were charred ceiling poles; between them, quantities of rat droppings. Door, with split cedar lintels, evidenced in middle SW. wall; its broken sill & jambs are smoked, suggesting its destruction before the fire. No ventilators. Ceiling poles lay NE-SW; no large beams. Split cedar; rough willows found.

Fire had destroyed 1st & 2nd story ceilings, burning the wall adobe in both rooms. Chip layer on lower floor level was but slightly charred. (With collapse of 2nd story floor, several bowls ^{# 112, 113, 114} which had rested upon it & against NE wall were carried down into lower room. (See photo) N.S. Neg. 22669A

Even in observation? Photo shows charred pole apparently higher than some of bowls. Had these been on 2nd floor collapse of latter would have thrown them down into lower room. - N.S. 12/4/23

R. 298-r

Finds: Quantities of discoidal beads were found thruout upon sand layer covering chips on floor level. Besides cataloged material the following were found: 6 hammerstones; 6 waterworn cobbles; 1 smoothing stone; several fpts dressed pine boards. Also, squash stems, rind & seeds; 2 canyon walnuts; fpts of basketry & cloth; braided corn husks & end of arrowshaft showing notch & feather wrappings; pinyon nuts; corn husks; flint & obsidian chips; fpts. of burned jet pendants; 2 fpts stalagmitic material.

Subfloor: Trench lengthwise of room revealed massive, irregular friable s.s. 12" or more ^{in depth} below floor level, sloping downward toward the north. On either side this mass, is clean blown sand; SE. wall rests on this sand, 22" below supposed floor ^{level} layer. East 2/3 of SW wall rests upon ^{another fallen block} solid s.s. projecting 2' into room.

R. 298 was filled to above 1st story ceiling level with fallen masonry, ^{was} ~~mixt~~ with blown sand. To protect standing walls, pressed upon from NW & NE, R. 298 was refilled in 1973.

R. 298 : see Neg Reg. 22-669A

Cat. no.	Field No.	Negative	Room
336201	1130	22669A	298A.
—206	1198	"	"
—199	1128	"	"
—196	1125	"	"
—202	1131	"	"
—197	1126	"	"
—205	1197	"	"
—200	1129	"	"
—378	1195	"	"
—379	1196	"	"

Room 298B.

1/23

7/6/23

Walls of 1st type masonry stand @ NW & NE; SE & SW walls mostly fallen. Measures: NE, 13'7"; SW, 13'11"; SE, 8'11"; NW, 8'8". Ceiling poles show on NE, 6' above 2nd story floor level.

Second story walls more completely evenly plastered than those of 1st story. Traces of 2 doors, both narrow with plastered jambs & downward sloping sills, noted in SW wall. In NE wall, 3'9" above floor level, 5 N-S poles were inserted after completion of walls, doubtless to form west shelf as in houses of later type. Rooms 298B & C - doubtless served as living quarters; the lowest story being utilized for storage.

R. 298C. Approximately 3 1/2 ft. of plastered 3rd story masonry still stands in the N. corner.

Room 299A.

1/23

7/21/27

In outer tier, N. of R. 300. Previously opened but not numbered on Pepper's plan. Probably used as storeroom by Hyde Expeditions for nails are driven into beams; baling wire hangs from nails.

Measures: N., 13'9"; E., 5'9"; S., 12'3"; W., 5'11". Floor to ceiling beams, 9'9". Masonry, second type; walls were not plastered.

Ceiling: 23 N-S pine beams av. 3-5" dia.; above them, peeled willows with square-cut butts (134 counted across middle of room) lie E-W, bound to beams by yucca strips over split, unpeeled willows (convex side up) paralleling beams & midway between them. Cedar bark above willows.

Door in N. wall, 21" above floor & 6'4" fr. NE. cor., is 25" w. x 3'9" h. & 26" across sill. ~~is~~ blocked. ~~East~~ This door is easternmost 1st story door in outer N. wall.

East door, 23" above floor & 23" fr. NE. cor., is 23" w. x 2'8" h.; South door, 28" above floor & 5'2" fr. SW. cor., is 19" w. x 3'4" h. & 18" across sill. West door, 21" above floor & 25" fr. SW. cor., is 21" w. x 2'11" h.; was probably blocked.

Shelves: (1) At W. end, pole crossed room 5'2" above floor; end set in N. wall 3' fr. NW. cor. & in S. wall 3'2" fr. SW. corner. Three holes for cross poles, in W. wall. (2) At E. end, pole 5'2" above floor; set in N. wall 29" fr. NE. cor.; in S. wall, 23" fr. SE. corner. A single hole above E. door marks position of lone crosspole.

Room 299-B.

3 cards

6/30/23

Second story room. Not previously excavated.

Measures: N., 13'8"; E., 5'7"; S., 12'5"; W., 6'. Floor to beam holes, 6'3".

Masonry of fine 2nd type: large, dressed friable s.s. blocks with small chinking. All walls had been plastered. Floor, smoothly finished, rounds off to wall plaster. latter not smoke stained.

Door thru N. wall 19" above floor & 5'10" fr. NW. cor. originally measured 27" w. x 35" h. but lower 12" had been neatly closed, flush with wall face, with 2nd type masonry to leave recess 27" w. x 23" h. x 11" deep. Rear wall of recess composed of large s.s. blocks with minimum chinking; recess plastered. Externally, door is so neatly blocked work must have been done from outside. North wall of room is 27" thick.

Door thru E. wall 21" above floor & 19" fr. NE. cor. was originally 22" w. x 33" h. x 18" across sill but lower 4" was filled with good 2nd type masonry reducing height to 29".

R. 299-B-r

Door thru S. wall 18" above floor & 5'2" fr. SE. cor. was originally 25" w. x 34" h. & 18" across sill; rounded, secondary adobe jamba to support door slab fr. R. 300B reduced width to 21" & secondary lintel poles (2) reduced height to 30". Sill composed of 2 s.s. slabs one of which is lower than other & leveled with adobe.

Door thru W. wall 19" above floor & 22" fr. NW. cor. was originally 25" w. x 34" h. & 18" across sill but 13" of blocking on sill reduced height to 21".

Ventilators in N. wall: 4'10" above floor & 18" fr. NE. cor. was 10 1/2" w. x 9" h.; had been blocked from outside & plastered within to leave recess 20" deep; (2) 4'9" above floor & 18 1/2" fr. NW. cor. was 11" square originally but had been blocked with small spalls.

Ventilators in S. wall: 2, blocked from R. 300B to leave recesses in R. 299B. These are: (1) 4'8" above floor & 17 1/2" fr. SE. cor., now 11" w. x 8" h. & unplastered; (2) 4'10" above floor & 18" fr. SW. corner is 10" square & 11" deep. Wall here is 17" thick.

Wall pegs: (1) extends 6 1/2" fr. S. wall 4'2" fr. SW. cor.; (2) had protruded fr. N. wall just below W. side of NE. ventilator.

R. 299-B-3

Fill of fallen wall material with blown sand.

Finds. Besides catalogued material, corncobs, dressed ceiling willows, charred portions of a twig mat (for door?), frags. of smoothed boards, misc. sherds including 1 of fine red ware with polished black interior.

Refill: As protection against elements, floor covered by several inches of dry, blown sand.

MS. prints 3209A & 39570-A. show difference in 2nd story ceiling height as compared with R. 297^B, adjoining on E. ca. 2' lower.

299C

R. 299-C.

Portions of 3rd story walls stand @ N. & E. Door in N. wall 11" above floor offset 5' 5 7/8" fr. NW. cor. was 25" w. Offset is 12" w. & 6' 11" above floor of R. 299-B. This door probably had been blocked, as seen in ^{map 3175} Upper N. wall rebuilt in 1923 as support for N. wall.

1923 repairs

Room 300A

1 card

cleared by unknowns

9/21/27

Adjoins R. 13 on N. ^{Jack Martin} local ~~spoon~~ says it was utilized by R. Wetherill as smoke house. ^{Entered from R. 299} Not mentioned by Pepper.

Measures: N., 11' 3"; E., about 32"; S., 10' 5"; W., about 34". Ceiling height, about 9' (based on R. 299 level).

Masonry of N, E & W walls is 2nd type abutting 1st type Rs. 13 & 298. First type S. wall plastered; no plaster on other walls. Outer NW cor. of R. 298 B. shows thru hole broken in upper S. end of E wall; latter abuts R. 298 B & is faced on outside only. Door in N. wall 4' 9" fr. NE cor. is 19" w. @ lintels, 24" w. @ sill x 37" h. & 18" across sill to R. 299A.

Ceiling: 17 selected pine poles covered by layers of split red cedar, cedar bark & adobe mud. Next to last pole removed @ E. end to construct hatchway 18" N-S x 17"; three minor E-W sticks @ N & S. ends of opening; ^{@ sides of opening} between sticks 2" of masonry resting on main poles lined the hatchway which later was closed by dressed s.s. slab. Beam ends protrude from R. 13 B. just under those of R. 300A.

Smoke stains on walls & ceiling are recent; nails for blanket ~~door~~ @ upper jambs of N. door; nails in beams also baling wire. Rude bench of s.s. blocks stands on room fill @ door sill level in E. end; it measures

39" x 39" x 20" h. in length

Room 300-B

2 cards

6/30/23

Second story room S. of R. 299-B. Not previously excavated. Measures: N., 11'10"; E., 3'8"; S., 10'11"; W., 3'9". North wall stands 7' - very close to original height.

Masonry: South wall is 1st type; other 3, good 2nd type. All walls plastered; no smoke stains. Floor smooth & rounded off with wall plaster. Obviously a storeroom.

Door thru N. wall 23" above floor & 4'11" fr. NW. corner is 25" w. x 33 1/2" h. Lower stone sill protrudes 3"; another, in line with wall face, seated on first slab, the angle between the 2 being rounded with adobe. Secondary jambs, set back 8" fr. wall face @ sill, are each 3" thick @ sill & less @ lintels. Secondary lintels on outer N. side reduce height to 29"; supported door slab placed from room 300B

Door thru S. wall 10" above floor & 4'8" fr. SW. cor. is 19" w. x 29" h. & 27" across sill. North edge of sill formed by hewn plank 7 1/2" w. x 3/4" thick; remainder, a stone slab. Original door, 24" w., reduced by secondary jambs & lintels to support door slab placed from R. 13B. (n.c)?

R. 300-B-v

Ventilators in N. wall: (1) 5'1" above floor & 18 1/2" fr. NW. corner, is 10 1/2" w. x 9 1/2" h.; (2) 4'10" above floor & 13" fr. NE. cor., was 11" w. x 9" h. Both had been blocked & plastered over.

Embedded in floor, ^{dovels and} 8" fr. N. wall & 6 1/2" fr. E. is tabular metate 22 1/2" w. x 26" l. with grinding surface 9 1/2" w. x 20" l. Metate lies N-S a fact which seems to preclude possibility of its having been used as a mill in its present position.

Finds: Besides cataloged material, about 2 doz. corn-cobs; qts. of corn-husk; qts. of seeds; 3 qts. of cholla cactus; dressed & unpeeled willows; 1 coarse basaltic mano; 2 fine grained s.s. manos; several qts. of smoothed boards of varying width; a handful of mice. skulls.

1923

Refill: As drainage protection, floor ~~recovered~~ to depth of several inches with blown sand.

Room 301-A.

11/3/27

Filled; apparently unexcavated.

East jamb of blocked door 25" w. shown in N. wall 10'5" from N. door to R. 299; 2nd type masonry blocking had been tied with jamb leaving latter indistinct. Blocking had been broken out; hole occupied by a frame of 4" pine logs & planking with rough masonry filling space between frame & edge of irregular hole. Original lintels presumably at same level with those in Rs 14 b. & 299A.

Room 301-B.

2 cards

9/6/26

2nd story room in outer N. tier between Rs 14a & 299B. Filled

Measures: N., 10'9"; E., 6'2"; S., 10'8"; W., 6'2". Floor to beam, 6'1"; to 3rd floor offset, 7'9"; to cp., 7'3" est.

Masonry: 2nd type. All corners apparently tied. A single N-S. beam, 58 1/2" fr. NW. corner.

Door in N. wall 23" above floor & 3'8" fr. NW. cor. ^{in broken area} was 40" w. x 29" h.; heavy pole lintels (seen on outer wall face) extend to form sill of E. ventilator. Door had been neatly blocked. Inner N. wall repairs in 1922 omitted door lintels & 2nd type masonry.

Door in E. wall 18" above floor & 23" fr. SE. corner is 33" h. to 5 pole lintels x 25" w. & 16" deep; blocked for lower 11".

Door in S. wall 15" above floor & 4'4" fr. SE. corner is 24" w. & 19" deep. Sill formed by thin s.s. slab; W. jamb stands 21" h. in broken wall.

Door in W. wall 21" above floor & 24" fr. NW. cor. was 32" h. to pole lintels x 25" w. & 18" across sill; had been blocked.

R. 301-B₂

Ventilators in N. wall: (1) 5' above floor & 17" fr. NW. corner, is 11" sq.; blocked with fine 2nd type masonry leaving deep recess; (2) 4'10" above floor & 21" fr. NE. corner is 18" w. x 11" h.

R. 301 C

Only N. wall now standing. From 3rd to 4th floor offset, 7'4".
Door in N. wall, 4'6" fr. NE. cor., is 23½" w. x 33" h. to pole lintels; neatly blocked. Masonry is of 2nd type.

R. 301 D

Only 5" of N. wall now standing @ NW. corner.
Masonry of 4th type ~~to~~ partly banded ~~to~~ - laminate s.s.

Room 302 B.

/ card

9/6/26

2nd story room in 2nd N. tier between R's 300 & 303; N. of R. 12 & S. of R. 301. First story not excavated.

Measures: N., 10'8"; E., 3'9"; S., 10'8"; W., 4'4". East wall stands 6'2" above floor offset; S. wall, 3'5"; N. wall, 5'1".

Masonry: N., E., & W. walls of 2nd type abutting 1st type S. wall. Second story floor offset of N. wall varies from 7" @ W. end to a 1" overhang @ E. end.

Door in N. wall 24" above floor offset & 4'5" fr. NE. cor., is 19" h. in broken wall x 24½" w. & 19" across sill.

Room 303

1 card

9/6/26

1st story not excavated. In 2nd N. tier between R's 302 & 304; N. of R. 11 & S. of R. 14 b.

Measures: N., 11'9"; E., 4'2"; S., 12'9"; W., 6'5".

Masonry: N., E., & W. walls of 2nd type masonry; E. & W. walls about 1st type S. wall.

R. 303 B

NGS. Neg. 37805A.

Measures: N., 12'6"; E., 5'; S., 13'; W., 7'. To e.p., 7'3" ext.

Masonry of N., E., & W. walls is 2nd type; E. & W. walls about 1st type S. wall. South & E. walls have fallen to floor offset; W., now stands 22" above offset; N. wall @ NE. cor., stands 4'10" above 2nd floor offset. In N. wall, floor offset varies in width from 2" @ W. to 7" @ E. end.

Door in N. wall 20" above floor & 5'3" fr. NW. corner; W. jamb now stands 12" h., remainder broken out.

R. 303-C. Pepper, 1920, figs. 23 & 24, pp. 72-73 show broken 3rd story floor with adobe over cedar bark & split cedar boards beneath as Room 14a which he locates in text (p. 70) as ("over 14 b). Both views show ^{2nd story} N. wall; E. wall now missing.

Room 304.

2 cards

7/10/23

1st story room in 2nd N. tier between R's 10 & 209; W. of R. 303. Not previously excavated.

Measures: N., 11'5"; E., 5'11"; S., 11'5" over convex face; W., 2'10"; in middle, N-S, 3'9". Floor to ceiling poles, 7'10".

Masonry of N., E., & W. walls is 2nd type; E. & W. walls about 1st type S. wall. Latter is slightly convex; slopes upward & outward. Abutting E. & W. walls conform to irregularities of S. wall.

Ceiling: 3 poles remain @ E. end; were overlaid with split cedar & cedar bark rather than dressed willows usual in 2nd type rooms.

Door in N. wall 13" above floor & 5'7" fr. NE. corner is 21" w. (17" @ lintels) x 34" h. & 18" across sill; 5 poles, av. 3" dia., for lintels.

Foundation offset of N. wall av. 7" w., lies 10" below floor; foundation, ^{2'7" high} ~~is mostly concealed by~~ ^{is mostly concealed by} ~~2 courses~~ ^{rests upon} ~~mass of rough s.s.~~ ^{rubble} blocks bedded in adobe & extending over entire room area.

R. 10^B ceiling poles protrude thru S. wall on top floor.

Finds: 3 decayed frags of "ceremonial crooks"; a few misc. sherds; 2 hammers; 1 rubbing stone; flint chips & breastbones of 3 macaws (?). Bird bones identified: Golden eagle (*Aquila chrysaetos*).

R. 304-2

4/29/26

Subfloor: N. wall foundation, 2'7" h.; its 7" w. offset lies 23" below door sill. Width of room @ middle top of N. wall foundation is 3'4". Base of 1st type S. wall lies 5'5" below N. foundation offset; R. 10 ceiling poles protrude into R. 304 on floor level, 5'7" above base of S. wall.

Fill against lower S. wall consists of blown sand containing ash & occasional s.s. spalls & potsherds; also, clay lenses occur every few inches dipping downward to north.

As protective measure, floor was recovered with sand to depth of approx. 10".

1926 requires

Room 305.

1 cont

7/19/23

Between R's 9 & 208; W. of R. 304. Not previously excavated. Measures: N., 10'9"; E., 26" @ floor, 38" @ top; W., 11" @ floor, 17" @ top. Northeast corner rises 7' above a fairly uniform sandy surface. To cp. 7'10" est.

Masonry: N. & E. walls of 2nd type masonry - large, dressed blocks of friable s.s. separated by laminate s.s. spalls. East wall abuts 1st type S. wall & conforms to its irregularities. South wall, slightly convex, slopes upward & outward - like others of its kind. Room appears to have served no purpose other than to straighten irregular 1st type wall once forming outside of pueblo.

No former openings in any of walls.

West end roughly filled with dressed s.s. blocks.

Fragments of ceiling poles found in fill. JPB#83, no lets.

Decayed ceiling poles from R. 70 protrude from S. wall 7" below sandy surface above noted.

Finds: a mere handful of mic. sherds.

Room refilled as protective measure.

B & C stones possible

Room 306 (3 cds)

7/25/23

Previously unexcavated room adjoining R. 41 on E;
R. 54 on S.

Measures: N., 6'3"; S., 8'6"; E., 8'6"; W. 8'7". Floor to E. ceiling poles, 5'10".

Masonry: 1st type with smaller stones than usual employed; walls heavily plastered & slightly smoke stained. East wall a partition, abutting plastered N & S. sides. Ceiling poles had collapsed & lay folded against E wall. Room mostly filled with fairly clean sand.

Door in N. wall 26" fr. NW cor. & 30" above floor is 28" w. x 28" h. Door in S. wall, 48" fr. SW cor. & 28" above floor is 28" w. x 23" h. ^{& partly blocked} Beneath it a stone imbedded on end in floor formed step 11" w. x 4 1/2" th. x 7 1/2" h. Former door in W. wall 8" fr. SW cor. & 17" above floor had been 20" w. @ top; 25" w. @ sill x 33" h.; later partly blocked, leaving opening 14" w. x 13" h. with sill 37" above floor. No other wall openings evident.

At each side of S. door, 4'8" above floor, a beam end protrudes slightly.

Posts: Imbedded in S. wall 4" fr. SW. cor., a 3" dia. post extended thru ceiling; was broken off 2' above 2nd story floor, @ present surface. Posts 4" dia. stood against middle W. wall & in NW. cor. as beam supports; that in NW cor. was braced by stones on edge, partly imbedded in floor.

R. 306 - v

Close in SE cor., a 4" dia. post hole extends 3' below floor level.

Holes in floor, not lined & without definite inside dimensions:

- 4) In NE cor., hole 15" dia. extends down to apparent floor 28" below that of R. 306; filled with sandy earth containing charcoal frags. & a handful of misc. sherds.
- 5) In SW cor., oval hole 20" w. x 30" l. against W. wall, was cleared to depth of 4'; filled with sand.
- 6) Hole 13" w. x 17" N-S, lay against E wall 44" fr. SE cor.; cleared to depth of 27"; contained debris of occupation.
- 7) Infant burial, with head to W. & back against S. wall, found in hole 9" w. x 14" l. x 5" d., against S. wall, 34" fr. SW corner; frags of decayed sticks covered body.
- 8) Two macaw skeletons, covered by 1/2 man, lay in hole 6 1/2" dia. x 4" d., @ pt. 18" fr. N. wall & 25" fr. E wall; a third macaw skeleton, covered with stone frags., lay in a hole 10" dia. x 4" d., @ pt. 14" fr. W wall & 28" fr. N. wall. While none of these holes was purposely walled within, their openings were plainly evident @ room floor.

Base of N. & E. wall masonry lies 11" below floor level; base of W. wall, 13" below R. 306 floor. Several slabs on edge stood @ intervals about base of walls.

R. 306-3

Besides cataloged specimens, the following were noted & left in the room: 1 slightly used metate; 14 manos; 9 hammerstones; 3 water-worn cobbles, slightly used as smoothers or hammers; 1 grooved cobble, $4\frac{1}{2}$ " dia. x 9" l., with 1 flake missing otherwise unworked; 3 worked stone slabs of various sizes; 1 large, unsmoothed slab; part of a door slab; 1 mano-like stone rubbed on 1 side with red & yellow paint; 1 smoothed stone 11" w. x 14" x $2\frac{1}{2}$ " th., rubbed with white paint.

Macaw skeletons identified by Dr. Wetmore.

Most of sherds recovered @ or near floor level.

R. 306-B - Second story walls of 1st type masonry rose approx. 2'6" above 2nd story floor level (9'3" above R. 306-A floor)

Room 307 (3 chs.)

8/2/23

Previously merceroated room S. of R. 84; W. of R. 83.

Measures: N, 15'4"; S, 14'7"; E, 7'7"; W, 8'2". From floor to under side of N. beam holes (4) is 5'7". At W, 5' above floor, ceiling poles of R. 307-I protrude. R. 307 ceiling poles @ 5'10" est.

Masonry is 1st type, smoother & with smaller stones than usual; walls heavily plastered with exception of W. which is rougher & of large blocks. Originally Rs. 306, 307, 307-I formed single room; R. 307-I was not anticipated when Rs. 306-7 were numbered. West wall abuts plastered N & S. sides. Ceiling poles, decayed, were mostly in position.

Posts: 3 against N. wall @ 13", 6' & 12'6" respectively fr. NE corner, av. 5" dia.; 4 against S. wall @ 6", 15", 7'10" & 12'10", respect, fr. SE corner. Excepting that in SE corner, none of these posts stood directly under poles but all post tops showed cut ends, smoothed where poles had rubbed. The 2 SE corner posts were half inclosed by block of masonry, 24" w. x 7" th. x 16" h.

Doors: In N. wall, 3'5" fr. NE. cor. & 25" above floor, was 20" w. x 31" h. with single, protruding slab sill; had been blocked & plastered over. South door, 37" fr. SE cor. & 27" above floor, was 24" w. x 30" h.; it also had

R. 307-2

been blocked but remained unplastered. East door, 4'4" fr. NE corner & 37" above floor was originally 38" w. x 27" h.; later reduced to 17" w. by 12" fill against N. jamb & 9" fill against S. jamb; still later, roughly blocked from R. 83, adjoining on east.

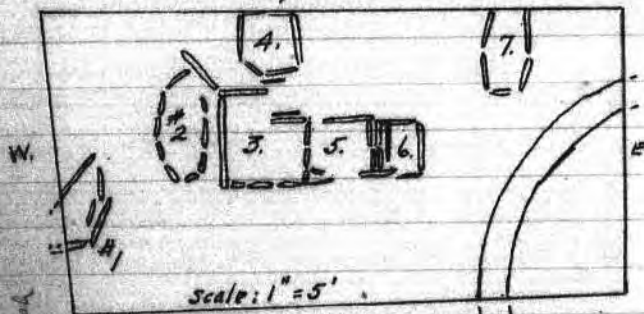
Ventilators: One in N. wall, 11'8" fr. NE cor. & 4' above floor, was 15" w. x 11" h.; later, crudely blocked. One in S. wall, flush with SW corner & 29" above floor, measured 14" w. x 13" h.; later blocked fr. R. 309.

Room filled mostly with blown sand, mixed with debris of occupation; covered by debris thrown by Hyde Exped. fr. R. 84. In room fill, besides cataloged specimens, were found: 13 metate frags & 12 metates 10 of which were of "scoop" type (& 2 only of the broad, thin type) apparently belonging to later periods; 33 manos; 4 door slats & 4 frags of others; 1 dressed slab, 10" w. x 18" l. x 1" thick & a ft. of another; 14 hammerstones; 7 water worn cobbles showing little or no use; 1 stone disk 10" dia.; flint, quartz & obsidian chips; 1 stone disk 10" dia. x 2 1/2" thick, having a slight groove around the periphery; 1 smoothing stone. Also, misc. deer & bird bones; 1 olivella bead. Many of larger stones were found at or slightly below the 2nd story floor level. Only 869 sherds, mostly TB.

Pepper gives kiva floor 8' below R. 83 floor.

R. 307-3

Subfloor tests show earlier floor @ depth of 7"; in it, a number of bins, each lined with slabs on edge & with one exception, floored only with sand. Each bin filled with sand containing ash; each was surfaced over with adobe @ lower floor level. #1 bin is crushed



& built over by W wall of room; #2 is 14" w. x 34" l. x 10" d.; #3 is 27" w. x 29" x 10" d. & lies 4'5" fr. W. wall x 3'4" fr. S. wall; #4 is 19" x 19" x 11" d.; #5 is 17" x 18" x 10" d.; #6 is 7" w. x 15" x 9" d.; #7 is 14" w. x 24" x 7" d. & 27" fr. E. wall. Metate frags. were used in several bins; bin #3 is slab floored. These rest on mass of charred sticks, overlying clean, undis-

turbed sand @ point 2'6" below lower floor level. W. of b: 13" w. x 23" l. x 9 1/2" d.

Subfloor 1st type kiva: Inner face passes under E. wall 4'10" fr. SE cor.; under S. wall, 3'3" fr. SE cor. Kiva wall, 9" thick, consists of large stones without chinking; is heavily plastered. Kiva bench lies 5' below lower R. 307 floor; kiva wall slopes outward 7" fr. perpendicular ⁽⁷⁰⁾ in this distance.

Second story E. wall stands 4'10" above approx. floor level. Door, evident in middle E. wall; blocked door in E. 4/2 of N. wall; open S. door 1' fr. SE cor.; blocked & plastered door in middle S.

Indicated above-bench dia. about 17 ft.

21" w. 27" fr. 33B.

Room 307-I

1 card

8/4/23

Narrow room between R. 306 & 307 &, with them, formerly comprising a single, long room. Not previously excavated. Ceiling poles, 5'10" dia.

Measures: N., 34"; S., 41"; E., 8'4"; W., 8'1". Short poles imbedded in E & W. walls lie 5' above floor on E.; 5'5" above floor on W. side. West wall built against 2 parallel N-S beams of original room.

Masonry is 1st type; side walls are coarser & abut plastered N & S. walls. East wall is 10" thick. Blocked door in S. wall, 18" fr. SW cor. & 29" above floor was about 16" w. x 24" h. No open door.

Room filled with debris of occupation. In this, besides cataloged material, were found & left in room: 2 broken metates (1 scoop type; 1 broad & flat); 4 metate frags; 6 mano frags; 2 hammer-stones; several broken stones probably from walls; 3 antler frags. ~~Bones of coyote or dog were identified @ Museum.~~ ^{Badger jaw (this is a badger testis) - identified by Mr. Glover Allen.} Small rectangular piece of turquoise - added to misc. P.B. collection. Only 501 potsherds, dominantly T.B. Badger jaw to Div. Mammals; coyote bones to M.C.Z (Allen)

On account of drainage, room was ^{partly} refilled in 1923.

Room 308

4 cards

NGS. Neq. 23341A; 23342A; 23343A.

8/11/23

At NW corner East Court; E. of R. 19. Not previously excavated. Measures: N, 9'; E, 10'8"; S, 11'1"; W, 10'. Floor to N. ceiling beams, only 4'3"; to S. ceiling pole level, 5'. (Neq. 23342A)

Masonry: N & W, 1st type; E & S. good 2nd type - except for O.B. repairs around & above blocked E door. East wall about N; ties with S; S ties with 1st type @ SW corner. West wall: N 1/2 is concave; remainder convex with 6" joq 6' fr. SW corner.

Ceiling: From N. wall 4'3" above floor 4 pine beams, 8" dia, project S, an av. 7'2". Their S ends ^(Neq. 23341A) square cut. Two beams @ E end, paired, rest upon a 2nd type masonry pillar, 16" w. x 29" E-W, built upon floor 5'10" fr. NE cor. & against E wall partly covering blocked E door. S. ends of other 2 beams, 1 @ mid-room, other @ W end, rest upon ^{pole imprints on top} posts. W beam, 6" from wall, joined to it by 4" thick masonry column, 3' fr. SW cor. From S. wall 5' above floor a 4'1/2" dia. log had extended to the E. masonry pillar; W. of S. door, ceiling pole seatings with decayed wood, lie 5' above floor. (Neq. 23342A) JP. 73 # 90 & 91 gave AED no date.

R. 308-2

Doors: N. door, 28" fr. NE corner & 22" above floor 28" square, partly blocked by 3 large stones on sill. E door, 4'4" fr. NE corner, & 16" above floor, 37" h.; blocked; later partly hidden by abutting pillar. Repairs @ L. & above this door are O.B. ^(No. 23343A) repairs. W. door, 15" fr. SW cor., & 14" above floor, 28" w. x 23" h. to lintels; slab sill protrudes. N 1/2 of W. wall is concave; repairs cover blocked door to R. 41c. S. door, 27" fr. SE cor. & 14" above floor, had slab sill, 30" w. Much altered. Lower 16" carefully blocked & new sill slab installed 30" above floor to form door 30" w. x 34" h. to board lintels. ^{P 5'4"} Later this 30" x 34" opening carefully blocked fr. outside to leave 10" d. recess in R. 308. Plastered E jamb continued upward past broken top of wall, @ 7'5" h. Later portion above board lintels (in 308B(?) reduced to 21" w. by 9" of masonry built against plastered E jamb; subsequently new sill introduced 11" above board lintels ^{P 5'4"} to leave possible ventilator (?) @ 11" sq. On walls of this final opening, 23 coats of plaster counted. (No. 23342A)

R. 308-3

Floor basins: In floor 14" fr. S. wall & 6'3" fr. E, adobe-rimmed basin 12" dia. x 2 1/2" d.; slab-floored, edges partly covered by adobe lining. Nothing under slab. Fire-stained hole 14" dia. x 14" d., against E wall 20" fr. NE cor.; filled with burned rocks & ashy sand.

Finds & fill: 308 filled with blown sand, in this, misc. sherds & several stone impts. Besides catalogued specimens, 4 manos; 1 each - disc jar cover, hammerstone, smoothing stone, dressed door (?) slab 10" w. x 14" x 3/4" th.; 1 fire dog - left in room.

Subfloor: Base of E wall masonry, 10" below floor; of N wall, 18" below; of S. wall, 16" below. Earlier floor @ depth of 7"; on it, 22" fr. E wall & 18" fr. S, unrimmed & unlined fire place 18" d. x 14" dia. @ top & 8" dia. @ bottom. On this earlier floor, under W end of masonry pillar, parrot macaw skeleton without evidence of intentional burial. In fill betw. floors, various corrugated pot frags & bowl sherds with Chaco hachure. Dr Wetmore identifies "macaw" as Thick-billed parrot (*Rhynchopsitta pachyrhyncha*), sternum deformed acc't improper food.

R. 308 -4

Refill: Acct insecure masonry & to provide drainage,
R. 308 partly refilled following 1923 excavation.

Room 308B: Second-story masonry agrees with 1st story. Beams protruding fr. N. wall & ceiling pole seatings in S. mark floor level. On N., OB masonry stands 3'5" above floor level; on S., approx. 3' of masonry stands ^(No. 23342A) above floor. In E wall, 4'3" fr. NE cor., plastered jambs of door 18" w.; in N. wall, blocked door 20 1/2" w. stands 4" fr. NE cor. & second blocked door, 26" w., stands 4' fr. same corner.

Room 309 ^{req. 23320A, 23322A, 23344A}

Diagram on
D-11

5/20/23

East of 308; S. of 307 & 307-I; NW corner East Court. Not previously excavated; not shown on Hyde groundplan.

Measures: N., 17'8"; E., 12'9"; S., 17'2"; W., 10'10". Ceiling height, 6' est. Highest wall now standing, on W., 6'11"

Masonry: 2nd type E & W walls about plastered 1st type N. wall; latter shows limited 2nd type repairs. All 4 walls heavily plastered, whitewashed, & smoke stained; ~~lower~~ walls repeatedly plastered. No remains of ceiling.

Doors & wall openings: N. wall (1) 4'2" fr. NW cor. & 15" above floor; 17" w., blocked; (2) 11" fr. NW cor. & 4'5" above floor, plastered W jamb of blocked opening; (3) 27" fr. NE cor. & 6" above floor, former opening 25" w. x 16" h., blocked fr. R. 307; (4) 14" fr. NE cor. & 4'8" above floor, sill & jambs of blocked opening ^{show} in broken stonework.

West wall: (1) 4'7" fr. SW cor. with sill 8" below floor, former door 22" w. x 35" h., blocked & plastered over; (2) directly above, 4' fr. floor, former opening into R. 308B (?), orig. 27" w., reduced to 18" w. by masonry built against N. jamb. Post, 3" dia., embedded upright in masonry 23" fr. SW cor.

R. 309 - 2

South wall: (1) 4'5" fr. SW cor. @ floor level former ventilator (?) 19" w. x 12" h. reduced to 15" w. x 10" h. by adobe ridge on sill & by stones & upright board fgt (11" x 7") against jamb; reduced opening later blocked & plastered over. (2) 5'10" fr. SW cor. & 29" above floor "window-like" opening 32" w. x 13" h. to lintel poles.

#

Special features suggesting 309 was cult room:

Fireplace: unrimmed, 22" d. x 39" dia. @ top & 22" dia. @ bottom; only upper 10" of wall plastered. Occupies middle of floor 8'2" fr. near edge to SW corner; 5'11" to W wall.

Ventilator: In S. wall 34" fr. SW cor. @ floor level, 11" w. x 12" h. connects with outside shaft 20" E-W x 13" enclosed by 37 x 25" masonry block built against plastered N. wall of R. 310. Walls of shaft now rise only 38" above R. 309 floor. (See notes on 310)

Deflector: Between vent & fp., block of masonry 37" l. x 12" w. x 22" h. plastered all over. S corner is 6'3" fr. SW cor. of room; NW end, 6' fr. same room corner.

R. 309 - 3

Repository (?) in floor @ NE corner of Deflector & S. of Fireplace: ~~hole~~ 8" d. x 12" dia. @ top & 8" @ bottom; adobe lined. Sand fill.

East bench of 2nd type masonry lengthwise of E wall 9" w. x 7" h. repeatedly plastered - 15 coats counted, thickness 2". On bench in SE cor. is solid masonry 9" w. x 23" l. x 19" h. plastered & rounded on top. Forms seat or shelf (?)

Wall pegs: 16" above bench an antler prong & 3 sticks in row protrude an av. of 5" (Neg. 23320A) plastered

NE alcove: ^{18"} abutting plastered N. wall 4'8" fr. NE corner is masonry block 12" l. x 9" w. x 27" h. A similar block 12" N-S x 10" w. x 17" h. stands on E bench 39" fr. NE cor. of room. 5" S. of 2nd block & joined to it by mud, is heavily plastered wall 4" th x 18" h. as it abuts plastered E wall & face of bench & curves out W, & N. to abut S. face of 1st block (against N wall 4'8" fr. NE cor.) Midway this wall is only 10" h. & broken down. Floor within this alcove is uneven, repeatedly resurfaced, & 6" above that of room. On bench, ^{above} in NE cor. is triangular block of plastered masonry 30" h. with slanting face 17" w. @ base & 11" @ top. Shelf (?) within alcove, an earlier floor @

R. 309-4

depth of 33" (27" below Room floor). On it, a masonry block 15" w. x 31" h. abuts plastered N. wall & face of E bench; both bench & block faced with 2nd type masonry repeatedly plastered. On this earlier floor NE alcove measured 39" on N. x 41" on E.

At upper level, NE alcove measured 4'8" on N x 3'3" on E & had been ceiled with thin, smoothed pine boards resting upon N. ^{block} bench & @ S, embedded in curved wall of alcove. Space beneath filled with sand containing a few sherds; settling of this fill & collapse of thin boards resulted in oblong depression 39" x 12" x 5" d. against E bench & S wall of alcove. Between depression & wall, a smoothed pine board stands upright. Depression later filled with mud & plastered over.

Repository (?) against convex outer curve of NE Alcove 27" fr. N. wall; measures, inside, 15" on E; 11" on W; 4" on N; & 5" on S. Except on E, its sides are thin s.s. slabs on edge, tops @ floor level.

Pit 29" d. abuts E bench & S. side of NE Alcove; measures 20" N; 33" E; 15" S; 35" W. x 29" deep. Depth suggests E Bench & NE Alcove were both present when lower floor @ 27" was in use.

R. 309-5

Bench E. Bench had original height of 35"; & NE Alcove, 46".

"Vault", subfloor, against S. wall 3'5" fr. SE corner measures, inside, 5'10" E-W x 33" w. x 44" d. Its neat, plastered walls abut S wall plaster & round off to it. Hence S. wall is earlier.

Masonry sides of vault come to within 9" of room floor; on N side @ that level, a 4" wide offset bearing imprint lengthwise of 1 1/2" dia. pole. No trace of comparable imprint on S. side; no trace of covering. In N. side of vault, below offset & about midway an antler protruded as a wall peg. Vault had been filled with blown sand, slightly gray with ash, plus a few potsherds.

SE Alcove: Measures 30" against plastered face of E bench; 33" against plastered S. wall x 9" deep; concave side has neat 7" w. rim 5" h. & 2" below room floor. Within this alcove, 25" fr. SE corner, a 3"-dia. post stands against S. wall. (Neg. 2334A)

R. 309-6

SW Alcove, 27" on S, x 33" on W x 29" d. sunk in SW cor, within enclosure formed by deflector & its W extension. Masonry of alcove, 9" th, is plastered & abuts plaster on S & W walls; in mid-concave side is plastered niche, 6 1/2" w, x 8 1/2" h, x 7" d, & 8" above floor.

Earlier Alcove floor @ base S & W walls, 38" deep; from rim of Alcove to deflector is 37" & enclosure floor is 2" higher than on opp. side of deflector. On this raised floor, betw. Deflector & Alcove, unburied skels. of infant & a macaw (*Ara macao*).

A crude masonry wall extends fr. Deflector irregularly NW to abut W wall plaster 6'9" fr. SW cor. 3" post set in W wall 23" fr. cor.

NW Alcove is another enclosure within masonry block 8' w. x 3'7" h. x 24" h., plastered; this abuts W. wall plaster 3'8" fr. NW cor. & extends NE to end 33" fr. NW cor. Masonry fills angle betw. block & W wall; has 10" w. face. Broken floor within enclosure shows wall plaster continuing to earlier floors @ depths of 19" & 36". Built on 1st of these is masonry bin, N, 34"; E, 50"; S, 31"; W, 55"; its walls abut

R. 309-7

room plaster. A similar bin may have stood on floor @ 36" for we found @ that level a detached sect. of masonry 2' fr. W side. On acct cramped quarters lower bin not exposed.

Fill: Room 309 filled with blown sand & debris of occupation including ²¹¹⁸ many potshards. Besides cataloged spears, 1 trough metate & frags of 2 others, 1/2 a tabular metate, & manos, many flint chips, decayed frags of antler but no mammal or bird bones.

R. 309 floor = 14" above that of 307.

309B: N, 17'8" e; E, 12'10" e; S, 17'2" e; W, 11' e; cp. 5'10" e.

Room 310

1/2 cm

Site of former room SE. of R. 19; S. of R.s. 308-309; N. of Kiva P. @ NW. corner of East Court. Not previously excavated.

Measures: N., 29'2" to E. wall ft. overlooking Kiva N.

Masonry of N. wall is 2nd type, plastered; of W. wall, 4th type. latter built in, perhaps with Kiva P, when room was destroyed & site became an open court or terrace.

Tests in NW. corner show 9 successive floor levels, each whitened. Lowest, 7'8" below present top of broken W. wall, is that of orig. room for it rounds up to plaster on N. & E. walls & overlies a 11" h. foundation. Foundation offset of W. wall lies 57" below present top. Latest floor lies 15" above this^W offset & supports ventilator shaft of R. 309. This shaft, 13" x 20", is 14'3" fr. NW. corner

It is enclosed in masonry 25" x 37" E-W. abutting plastered N. wall. East wall was mostly razed upon construction of Kiva N. but remaining ft. shows jamb of former door 16" fr. NE. corner & 6" above lowest floor, @ 7'8"

R. 310-2

@ depth of 3 1/2 ft

Repositories: On upper floor, in NW. 1/4, were 9 metates, both tabular & trough types, & 6 large slabs all lying flat. One metate, lying about 6' fr. W. wall & 8' fr. N., was imbedded in adobe & surrounded by masonry; beneath it were 2 layers of s.s. slabs each imbedded in adobe. Beneath lower slab was masonry lined repository, 5 1/2" sq., & absolutely empty. About 12" W. of this box were 2 shallow depressions in floor, each containing shells, beads, etc. Three other masonry boxes with slab covers lay against N. wall between NW. corner & ventilator shaft.

Room 311.

1, 1/2

Triangular closet between R's 71 & 312; opposite W. corner of R. 69.
Previously unexcavated.

Measures: N., 9'2"; E., 2'2"; S., 7'2"; W., 3'7". Highest wall ft., 4'8" on S.

Masonry: N., S., & W. walls of 3rd type, plastered; E. wall, only 8" th., was built from outside & in line with E. face of R. 312. S. abuts W.

Door in N. wall, 22" fr. NW. cor., had been 2'10" w. & about 3' high; its W. jamb partly obliterated when door was rudely & incompletely blocked.

Subfloor: Base of S. wall masonry 6" below floor. The whitened S. face of partly razed 2nd type wall (E-W) passes under W. side 8" fr. SW. cor. to connect with plastered, 2nd type masonry block @ NE. corner of Kiva N. square. Razed E. end of subfloor wall lies 13" fr. S. wall of room & 6'9" fr. its SW. corner; @ E. ^{here} ~~end~~, a masonry fill ^{against 2nd type wall} serves as part foundation for S. wall of ³¹¹ room.

Room 312.

1/2 cont.

Trice between & above Kivas M. & N. Not previously excavated.

Measures: N., 7'3"; E., 14'7"; S., 7'1"; W., 15'10". Highest standing wall ft., @ N., is 4'7"; others have fallen ^{in razed} to near floor level.

Masonry of 3rd type. North wall abuts E. & W.; S. wall shows 11" of 3rd type masonry resting upon partly razed, 2nd type N. wall of R. 313. North wall foundation lies 5" below floor which is here 4" higher than @ S.

Fireplace, 17" N-S. x 19" x 6" d., lined with slat on edge, lies 5'10" fr. N. wall & 22" fr. W.

Pit in SW. corner is measured ^{inside}: N., 3'7"; E., 2'9"; S., 3'6"; W., 3'1" x 30" deep. Its S. wall is that of room; E. side is 7" th.; N. side 4" th.; W. side is 30" th. @ N. & 41" @ S. All walls plastered & whitened; outer face, unfinished. Pit filled with clear sand containing 1 bone and with eye & misc. sherds from which 1 B-m-W. pitcher was restored.

Floor repositories: (1) In NW. corner, 12" square x 10" deep, masonry lined & plastered; inner SE. corner rounded; E. side has rim 2" h. x 4" w. (2) In NE. corner, against N. wall, masonry lined box 17" x 14" x 7" h.; in its floor, a 5" sq. hole filled with spalls.

R. 312-r

Platform, against E. wall 26" fr. NE. corner, is 26" N-S. x 23" W. x 6" h. Platform is 4" thick; In middle ^{part} an opening 7" E-W. x 5 1/2" connects with ^{slab-inlet} repository 12" E-W. x 23" W. x ~~4 1/2"~~ ^{17"} /d. fr. ^{covered by slab} platform surface. 9" sq. ^{4" h.} Inner E. side of repository is plastered & whitened; other sides are s.s. slabs on edge with plastered corners.

Later floor lay 7" above that mentioned & overlay fireplace. Between floors was inverted upper third of coiled pot, filled with burned sand.

Finds: Besides cataloged material were 5 hammerstones; 1 discoidal s.s. jar cover; 1 s.s. slab 13" x 5" x 1/2" with yellow paint on 1 face; obsidian & flint spalls; misc. sherds including part of white cylindrical jar; 2 Mesa Verde fpts.; coiled & B-m-W. fpts. of late Chaco types.

Among bird bones identified by Dr. Wetmore; *Ara macao*; *Gallus gallus* (sternum only); *Meleagris gallopavo*.

Room 313

4 cards

8/11/23

Terrace S. of TR. 312; between Kivas M & N., marking former position of dwelling. Not previously exposed.

MEASURES: N. wall, 15'10" l.

Masonry: N. wall is good 2nd type, plastered & whitened; plaster rounds off to floor & outer E. face of partly razed wall under E. side of R. 312. Of W. wall only 24" remains; This is E. face of Kiva N. ventilator shaft whose whitened plaster rounds off to S. face of shaft, as tho. latter were former door jamb. East wall probably razed upon construction of Kiva M.; S. wall not evident. North wall stands 4'2" h. to last level in TR. 312; but upper 10" is replacement of large s.s. blocks, unplastered. Base of N. wall lies 16" below floor level.

On floor, a rude masonry wall, 10" h., extends fr. NE. cor. 8' to SW. where it is 4'3" fr. N. wall; thence S. in gentle curve 7'.

Sub-floor tests show N. wall built on ashy sand beneath which is fill of unworked s.s. blocks laid in adobe. At S. end of this fill, 21" ^{inside} fr. N. wall & 7'2" fr. NE. cor., is a 27" dia. shaft,

Room 313-2

slab-floored, plastered carelessly outside, & razed 3'8" below the R. 313 floor. At depth of 7'10" shaft floor connects with a slab-floored tunnel, 26" w. x 25" d., leading ^{up to R. 313} N. tunnel roofed with s.s. slabs over cross sticks. Depth suggests 2nd type.

At E. end of N. wall test pit revealed an irregular subfloor wall of mixed masonry, 12-14" w., inner or SE face of which was razed & abutted 3'1/2' fr. NE cor. of R. 313 by outer stonework of Kiva M. Wall stands upon an indefinite floor 7'3" below that of R. 313; another adobe surface lies 3" lower. At its razed E end this subfl. wall is of 3rd type masonry; it extends W. 38" then, with a ~~shallow~~ ^{shallow} 3'-long curve (max. depth is 6" fr. string stretched betw. E end of wall & S. end of curve, a dist. of 6') The sub-fl. masonry changes to 2nd type & continues, as such 7'1/2' further. Here, 15'10" fr. NE cor. & 15'6" fr. NW, the 2nd type masonry is again replaced by 3rd type which continues an additional 4' then,

R. 313-3

with an abrupt turn to E, was razed 19'9" fr. NE cor. of R. 313 & 17'9" fr. its NW corner. On room floor 7" from middle E. face of this subfl. wall, where its 2nd type masonry extends to an adobe surface at depth of 7'3", there is an 11"-dia. shaft (or repository) of small-stone masonry with an 8"-h. adobe rim & a bottom 5'3" below the R. 313 floor. At the razed S. end of this mixed-masonry wall its concave corner is abutted by another, 15" w. & entirely of 3rd type masonry, that extends E 8'3" & there, 20'9" fr. NE cor. of R. 313, & 7'6" below its floor, overlies the rough, 30" h. foundation of the unnamed ^{Kiva M. 10} Kiva. Thus this Kiva was partly razed before the irregular subfl. wall under R. 313 was rebuilt by 3rd period masons. In this pit 7 successive levels were noted @ depths of 24", 2'7"; 3'4"; 3'9"; 4'1"; 4'4"; 4'10"; & 7'3". Each level fairly uniform & distinct. At bottom of test, @ depth of 7'6", compact sand containing particles of charcoal;

R. 313-4

between levels, blown sand & earth. A handful of sherds fr. this test pit are all of early types.

Test on W. side of Kiva N ventilator shaft - disclosed sand fill from approx. 26" below R. 313 floor to depth of 10 ft. Bottom of test is 3'8" below Kiva N floor. The log whose cut end was noted 25" above W end of S. bench recess in Kiva N. continues 5'3" beyond Kiva exterior & lies ^{above} on sand fill.

Another incomplete test SW of Kiva N ventilator shaft revealed convex outer curve of an adobe wall, raised to a height of 2'10" with top approx. 2'2" below R. 313 floor level. Adobe wall fgt. curves to NW. & is overlain by exterior masonry of Kiva N. Sherds fr. this pit were all early types.

Room 314.

3 cards

8/2/23

Between Kivas M & 75; SW. of R. 68. Not previously excavated.

Measures: SE, 6'11"; NW. wall now missing but 2 projecting stones suggest its position 9'4" fr. E. corner. ^{NW. 6'2" SW. 8'2"} Highest standing wall, @ NE., is 3'6".

Masonry of 3rd type; SW. wall abuts SE.; E. corner tied. West corner probably rested upon roof of Kiva M. Floor @ roof level of Kiva M.; original floor probably lower. ^{Blocked NE. doors to R. 68: (1) ca. 4' fr. E. cor. ca. 12 x 20"; (2) 9 1/2 ft. fr. E. cor. ca. 11 1/2 x 20"}

Fireplace, approximately 26" dia. & unrimmed, lies 35" fr. NE. wall & 7' fr. SE.

Pocket or niche in SW. wall, 5" fr. S. corner, is 11" w. x 17" h. with sill 2" below floor level. In NE. wall, 2 other pockets each 9" above floor: (1) 4'8" fr. E. cor., is 12" w. x 6" h.; (2) 8'2" fr. E. cor., is 13" w. x 5" h. Depth not ascertained on account of crumbled masonry.

Finds: 3 manos, 1 with finger grips pecked @ sides; 2 hammers; several fgt. of broken cobbles; flint & obsidian chips; small lot of misc. sherds in fallen masonry & sand fill of room.

~~Sand~~ Slab-lined fireplace, 31" NE-SW. x 21" w. x 27" d., lies between Kiva M. & R. 315 with its inner NE. side 27" fr. outer SW. wall of R. 314; is

R. 314-2

surrounded by slab pavement. East of this fireplace & against outer wall of R. 314, masonry 8" th. forms a repository 10" x 11" x 9" deep.

Subfloor Tests show SE. & SW. foundations (latter is of ruder construction & abuts the other) resting upon a floor, 8'2" below that of ^{R. 314} room, associated with heavily plastered & smoke-stained 1st type walls. (1) SE. face of one, 12" th., is abutted by SW. foundation 7'10" fr. S. corner; it passes under NE. wall 6'5" fr. E. cor.; was razed 6" below ^(1'9" above outer floor) floor of R. 314. (2) Another ^{5" face} passes under NE. wall 4'6" fr. E. corner & under SE. wall 12" fr. E. corner; it had no foundation & sand fairly free of charcoal was encountered 2'10" below its base. (3) Third 1st type wall abuts plaster of 2nd 12" fr. NE. & SE. walls, respectively, & passes under latter with pronounced convex curve 2'6" fr. E. corner of R. 314. Lower rooms filled with debris of reconstruction & blown sand; floor 4" below that of R. 315.

A beam, 10 1/2" dia., which may belong to 1st type house, parallels SE. wall @ distance of 1'11" & 6'9" above 1st type floor.

As probable supports for R. 314 floor, 2 poles protrude from

R. 314-3

upper SE. foundation; 2 foundation walls, averaging 12" th. & resting upon fill of lower room, cross from NE to SW.: (1) 18" h., abuts SW. foundation 3'4" fr. S. cor. & 1st type ^{subfloor} NE. wall 4'6" fr. E. corner; (2) 15" h., abuts SW. foundation 4'10" fr. S. cor. & 1st type NE. wall 5'7" fr. E. corner. Upon the latter, or westernmost, a layer of cedar splints overlies the beam & poles previously mentioned. Both cross-walls have settled slightly in the middle.

A subfloor repository probably belonging to R. 314 but partly razed & covered by ^{room} floor, lies against NE wall @ NW. side of 1st type ^{subfloor} wall, 7'5" fr. E. corner. It is of rude masonry, 26" NE-SW. x 16" w. x 10" d. (fr. R. 314 floor); is floored with s.s. & adobe. (Note that position of this repository corresponds to that against outer SW. wall)

A Piute (?) sherd found in R. 314 fits on a conical base fgt. from Kiva W - 336575 & has been glued to it.

Room 315 (4 eds.)

ceremonial room (?)

8/2/23

Previously unexcavated, subcourt room @ NE corner of East court.

Measures: SE, 9'; SW, 13'11"; NW, 5'; NE, 15'6". Southwest wall is slightly concave. Room width 2' fr. NW wall is 6'9"; @ 4' it is 7'6"; @ 10' fr. NW wall, width is 9'4". Two NW-SE beams had been 7' above floor, supporting ceiling poles whose ends were imbedded in NE & SW walls @ 7'8" est.

Masonry: Evidences reconstruction & reoccupancy. The N. 7'2" of SE wall abuts plastered face of R. 316's SW wall the razed end of which has been covered with plaster which rounds off to SW wall of R. 316. The SE & SW walls appear to be reconstructed 1st type walls, rather smoothly built of laminate s.s. & plastered. The NW wall, built of well-laid, large blocks, abuts plastered SW & NE walls. The W 1/2 of NE wall, including an 18" bend to E beginning 6'3" fr. N. corner, is apparently 1st type masonry -- irregular & heavily plastered; E. 7'3" of NE wall, constructed of larger stones including dressed, friable s.s., abuts ~~the~~ ^{its} plastered (1st type) W half & the plastered SE wall, & serves as foundation for the 3rd type wall above (SW side of Kiva 75 square).

Blocked door, partly replaced by wall repairs & plastered over, noted in lower N part of SE wall. Unusual recess in SW wall, 2'5" fr. S. cor. & 4'4" above floor, is 4'8" w. x 20" h. x 26" d.; it ~~was~~ ^{was} covered by split cedar lintels. Its sill extends

R. 315-2

14" beyond outer wall face to abut convex curve of Kiva O which thus becomes a rear wall for E 1/2 of the recess. No trace of recess roofing materials remained between R. 315 & Kiva O walls.

Fireplace, 21" NE-SW x 19" w. x 8" h. & slabbed, lies 4'5" from SE wall & 2'8" from SW side.

Room fill consisted chiefly of blown sand & debris of occupation. In this, besides cataloged specimens, there were noted misc. ⁽¹⁵¹⁰⁾ shards, deer & bird bones, flint chips & 1 mass.

Subfloor: Original floor lay 6" below that last utilized. Cut into this earlier floor is masonry-lined fireplace, 12" d., whose SE side parallels that of room & whose SW side passes under NE wall 5'3" fr. E corner. Inner S. cor. of fp. lies 9" fr. NE wall & 28" fr. E corner. The built-in E 1/2 of NE wall rests upon ash filling this abandoned fireplace.

Also cut thru earlier floor is a masonry-lined ventilator duct, 29" d. x 26" w. & originally 7' long; 2 slabs on edge flush with orig. floor level formed its NE end. Inner N cor. of this duct lies 6'9" fr. S. cor. of room & 3'11" fr. the E corner; NW side of duct passes under SW wall of room 21" fr. S. corner; SE side

R. 315-3

passes under SE wall 17" fr. S. corner. South~~west~~ end of duct is concave & connects with ventilator shaft, 15" NE-SW x 12" w., built against outer E end of SW wall, here 16" thick. Walls of shaft average 8" thick ^{to top of wall.} A masonry partition, 10" th., was built in duct @ right angles to its NW side 22" fr. SW wall of room thus reducing orig. length of passage. North of this partition, a later duct floor lies 15" above that @ SW. end. Misc. sherds & deer bones came from the ashy earth filling duct & composing 6" fill between ^{the 2} floor levels. Latest floor covered both fireplace & duct thus suggesting their abandonment when E 1/2 of NE wall was built in.

NW alcove: An unplastered masonry wall, 12" th. & now ^{widely} 25" h., with adobe foundation resting 3" below upper floor level, abuts NE wall 9'6" fr. E corner & abuts SW wall 7'9" fr. S. corner to form an alcove @ NW end of room. In this partition, 32" fr. NE wall, is a door 15" w., whose sill is the alcove floor, 4" above that in main part of room, & whose S. jamb was a 5" dia. post that probably supported the southernmost of the 2 NW-SE ceiling beams.

Shelf: Imbedded in NE & SW walls ^{@ NW end of alcove} 4'9" above floor, 3 former poles formed shelf 22" w. from NW wall of alcove.

R. 315-4 Alcove

Ventilator in SW wall, 3'4" fr. W. cor. & 1" above floor is 13" w. x 16" h.

Subfloor: About 10" below floor level, inner NW side of a slab-lined fireplace passes under NE wall 17" fr. N. corner. Inner W. cor. of fp. is 26" fr. NE wall; inner S. cor. is 19" fr. NE wall; SW side of fp. is 32" l.; where they pass under NE wall, sides of fp. are 25" apart. Original depth of 12" had been reduced by burned stone slabs & sand. This fireplace obviously abandoned when supposed 1st type W. 1/2 of NE wall was constructed; the similar fp. in E end of room apparently took its place.

Ventilator duct, masonry-lined & 19" SE-NW x 17" x 21" d., lay 10" below floor in S. cor. of alcove; was filled with ashy earth & floored over.

Against outer E end of ^{alcove} SW wall, 20" th., vent. shaft, 14" w. x 16" NE-SW, rises to present height of wall; it probably connects with duct described.

Second shaft, without known connections, lies 22" NW of this 1st one.

Floor of alcove, 4" above main part of room, covered fp. & ventilator duct.

belongs to Karin M (?)

Room 316 (4 pls.)

Ceremonial room?

8/1/23

Previously unexcavated sub-court room @ NE. corner of East Court.

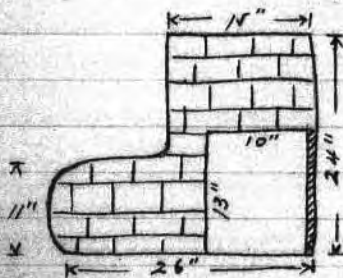
Measures: NE., 15'; SW., 14'1"; SE., 11'4"; NW., 6'10". In NE wall, 4 decayed beams show 7' above floor; 8'6" above floor in NE wall an offset decreasing fr. 5" @ NW to 0" @ SE marks top of foundation for 3rd type masonry above.

Masonry: is mixed & evidences reconstruction & re-occupancy. The NW wall & W. half of SW wall are of 1st type stonework; NW wall abuts plastered face of SW side. East half of SW wall appears to be 2nd type masonry, built upon partly razed 1st type stonework. The SE wall is uneven & indefinite as to type; it obviously is later than & replaces outer curve of 3rd type Kiva T., adjoining on SE. The NE side, chiefly of dressed, friable s.s. blocks, abuts the plastered NW & SE walls ^{was built} as a foundation for 3rd type SW. wall of R. 291, 8'6" above R. 316 floor level.

Doors: In NW wall, 6" fr. N. cor., is ^{former} opening 22" w. x 19" h. with broken sill 17" above floor; now blocked & plastered over. In SW. wall, @ floor level & flush with SE wall, is former door 24" w. x 27" h.; it had been blocked & repeatedly plastered. Above this former door, the walls show repairs; the corner is tied with small laminate blocks. Also in SW wall, 9'6" fr. W. cor.,

R. 316 - 2

is former curiously shaped opening, now mostly blocked, with slab-covered board sill at floor level. Original opening had been 24" h. by 15" w. @ top & 26" w. @ sill, difference being due to irregular SE jamb, as shown by sketch. When door was closed, a ventilator, 10" w. x 13" h., was left @ lower NW side, utilizing door sill & an introduced slab upright against ^{plastered} NW. door jamb. No other wall openings apparent; when in use, R. 316 must have been entered through a ceiling hatchway.



Fireplace, ^{8" d. x} 18" w. x 28" NW-SE & slab-lined, lies 7" fr. NE wall & 6'2" fr. NW wall; its corners are rounded with adobe. Basin was filled with fine wood ashes; in these, 3 stone fire dogs stood in a row along NE half. A 2nd fireplace, 25" dia. x 8" d. & also slab lined, lay 24" fr. NE wall & 4'7" fr. NW wall; it had been reduced 1/2 by rough masonry built in on W side; later it was abandoned & the room floor spread over its ashes.

A mass, 10" l. & extending 1 1/2" above floor, was embedded on edge, parallel with NE wall @ point 3'6" fr. latter & 2'5" fr. NW wall; its purpose is not apparent.

R. 316-3

Subfloor passageway, 22" w. x 26" d., with masonry walls averaging 5" thick & faced on inside only, is noted in E corner of room. From its inner S. angle, 10" fr. SE wall & 3'4" fr. E corner of room, SE side of passage extends northeastwardly, passes directly beneath E corner & @ a point 7" beyond, turns sharply ^{to right} east. The opposite wall of passage extends fr. its W. corner 32"; there passes under NE wall 22" fr. E corner & continues thence 13" then ^{to right} curves to ~~east~~ & passes the line of its parallel, SE side 5'2" fr. S. corner of passageway. A narrow s.s. slab, 22" l., lay imbedded in floor of room @ SW. end of passage. Passageway had been covered with a roof supported by three 2" dia. poles which ~~are~~ ^{spread} ~~lay~~ ^{together} ~~as~~ ^{from} middle SE side & extended thence, 1 straight across the passage; another to a point 3" fr. NE wall & the 3rd, underneath that wall.)

Subfloor ventilator duct, 15" w. x 24" d. & walled with masonry averaging 5" thick & faced on inside only, lies in S. corner of the room. From its inner N angle, 29" fr. SW wall & 5'4" fr. SE wall, W side of duct passes under SW wall of room 9'5" fr. its W corner & connects with a ventilator shaft. This shaft rises to present height of

Search not made for subfloor 2A kiva noted in Kiva 1.

R. 316-4

SW wall, 6'2" above floor of R. 316, where it measures 17" l. x 14" w. @ SE & 8" @ NW.

|| Base of SW, NW & NE walls lie about 2" below floor level; 2 slabs, imbedded on edge in floor, stand against NW wall, near W corner.

Room 316 was filled mostly with blown sand & debris of occupation. In this were numerous sherds & the following uncataloged specimens:

4 bone awl pts.; 1 shell bracelet pt.; 1 pt. of worked turquoise (added to Posito misc. collection); 1 hammerstone & a Tabular metate, 15 1/2" w. x 21 1/2" l. x 1 1/2" th. with grinding surface 10" w. x 19" l. (This metate was found standing against the SW. wall, close against the 10x13" ventilator.)

Also, the usual quantity of deer & Turkey bones; rejectage fr. blade chipping.

|| It would appear that R. 316 had originally been a 1st type dwelling; that it was subsequently altered, perhaps by 2nd period masons, for ceremonial practices; that its religious functions were not materially affected by construction of Kiva I & later, by 3rd period SW wall of Kiva 75 & R. 291. Its floor level apparently remained the same throughout. But the blocked SW. doors puzzle; they may have connected with earlier ventilators since 1st & 2nd type doors were rarely @ floor level.

Room 317 (2 cds)

6/14/24

In outer W. tier of old 1st type village; adjoins R. 113 on SW; R. 114 lies next on NW. Previously unexcavated!

Measures: NE., 8'0"; SW., 9'10"; SE., 17'2"; NW., 17'8". Floor to ceiling, 7'10".

Masonry is of 1st type, plastered. Door, ^{roughly blocked,} in SE wall 7'6" fr. E. cor. & 3'6" above floor is 25" w. x 33" h.; it has secondary lintel 5" below upper wooden jamb on E 1/2 only. Below door a post step had stood.

Ventilators: 2 in N. half of SE wall, both blocked leaving recesses. One, 11" sq., is 3" fr. E. cor. & 5'10" above floor; 2nd, @ same height & 5'5" fr. E. cor., is 8" w. x 9" h. In NW wall, 3 blocked ventilators each provided with stick lintels & stone sill; 1 of these, 9" fr. N. cor. & 5'6" above floor, is 15" w. x 12" h.; the other 2, @ same height, lie @ 6'2" & 10'7", respectively, fr. N. corner & are blocked to leave recesses in room.

Ceiling: Part of broken ceiling hung to walls @ NE end. This shows NW-SE ceiling poles 7'10" above floor; split red cedar, with small quantity of cedar bark, rested directly on poles & was bound to them by overlying long, thin strips of cedar tied down by yucca leaves. A thin adobe flooring covered the layer of split cedar. JPB beam frags #104 & 105 gave AFD readings of 828 & 859.

R. 317-r

R. 114 test shows R. 317 NW founda. 17" h. & 3' fr. inner SE cor. of R. 114, & 5'5" below R. 114 floor.

Room fill, below ceiling @ NE end, consisted of 5' of stratified sand with silt lenses deposited by rains. Remainder of fill to above ceiling level is fallen masonry, mixed with blown sand. About 1 peck of misc. sherds fr. lower deposits.

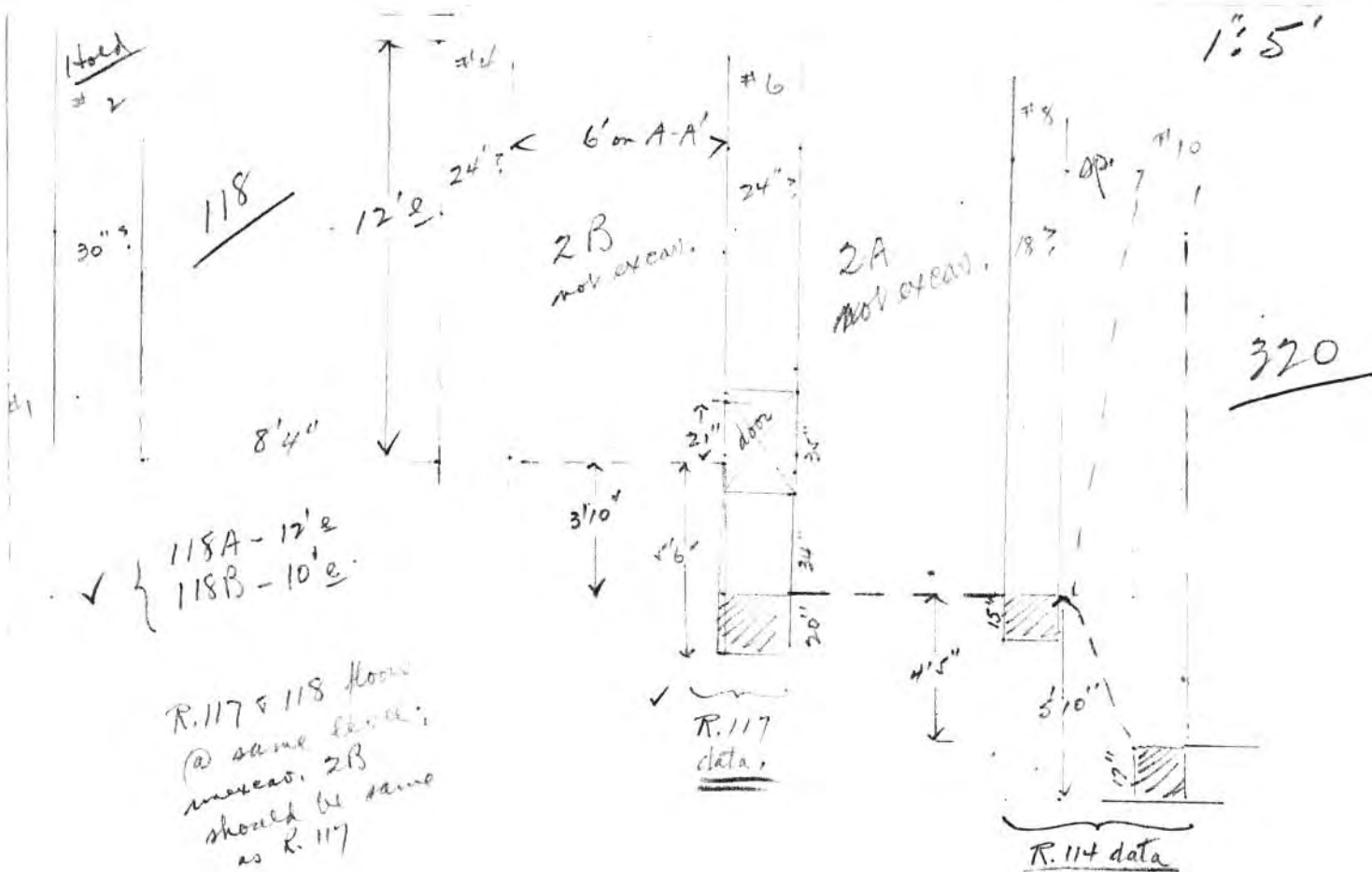
Subfloor test in W. cor. showed base of masonry 2'8" below floor; also, a 6" layer of shale spread 14" below floor level. Large s.s. slabs on edge form part of SE wall foundation. (See R. 114 for comparative levels of wall bases.)

Room 317 refilled in 1924 to provide drainage & thus protect walls.

Floor 21" below that of R. 114, 2nd type.

R. 317B: At N. corner, 2nd story walls still stand 11' above their floor level or about 1 ft. below 2nd story ceiling level in R. 113, next on NE & apparently unexcavated. Southeast wall of R. 317B. has fallen to within 3'6" of its floor. Ventilators: In NW wall, 4 blocked vents., av. 13" sq. above floor, @ 8", 4'7", 10'4" & 15'7" fr. W. corner; ^{32"} about 1 ft. below them, ^{are sills of} 3 blocked vents., av. 12" sq., @ 35", 8'1" & 12' fr. W. corner.

Former 3rd story is evidenced by present height of 2nd story walls & fallen masonry completely filling 1st story room.



Room 318 (2 eds)

6/18/24

In outer W. tier of old 1st type village; adjoins R. 317 on SW; 2nd type R. 115 lies next on NW. Not previously excavated.

Measures: NE, 9'10"; SW, 8'6"; SE, 17'3"; NW, 17'8". Floor to ceiling, 9'.

Masonry: Typical 1st type, roughly plastered & not smoke stained.

Door in SE wall 7'9" fr. S. cor. & 4'10" above floor, is 24" w. x 27" h. No ventilators noted but there may have been some in NW wall, plastered over.

Base of SW wall lies 13" below floor; on NW wall, 18" above floor, a slight offset occurs — perhaps a mere irregularity of construction.

Collections not retained include: 3 notched cobbles; 4 manos; 7 hammerstones; 2 pieces of unworked silicified wood; 1 unworked fgt. of sulphur; 1 unworked fgt. of red claystone; 1 eagle claw; handful of pinon nuts (apparently brought in by rats); small quantity of misc. sherds.

R. 318 B: 2nd story walls still stand 6' above their floor level.

Former 3rd story is indicated by quantity of fallen masonry filling lower room.

2nd story NW ventilators, both blocked, show 5" fr. N. cor., (11" w. x 12" h.) & 6" fr. W. corner (12" w. x 13" h.)

Room 318-2.

Among the bones found in Room 318 were the following identified by Dr. A. W. Wetmore:

Wild Turkey (*Meleagris gallopavo*)

Raven (*Corvus corax*)

Also mammal bones: ^(dog bones) *Canis familiaris* (fox); rabbit (*Lepus*); ^{mule} deer (*Odocoileus hemionus*);

ground squirrel (*Spermophilus*)

Room 319 (2 cas)

6/14/24

In outer W. tier of old 1st type pueblo; 2nd room S. of R. 318. Unexcavated 2nd type room S. of R. 116 lies next on west. Previously unexcavated.

Measures: N, 9'; S, 8'4"; E, 14'8"; W, 15'. Floor to ceiling poles, 8'6".

Masonry: Of 1st type & plastered. Wall thicknesses are: N. & S., 12"; E, 16"; W, 17". Larger slabs, chipped on edges, appear in E & W walls. Door in now broken E. wall is evidenced by post step, 24" h., standing close to wall 7'7" ft. NE corner. No other wall openings evident. Ceiling was supported by 25 E-W poles, 8'6" above floor. Against N. wall, several slabs were imbedded in floor; nothing beneath them. Foundation stones of W. wall continue 2" above floor & protrude 6" from them, a thin layer of shale spread directly on floor extends to middle of room.

Subfloor: Test in NW corner shows rude foundation, mostly adobe, extending 16" below floor level. Below floor, sand fill containing bits of charcoal & frags of early type sherds; 20" below floor, clean sand.

Room fill: Against middle E wall, stratified blown sand 11" deep, thinning toward either end. On floor near middle N. wall, a thin s.s. slab with carefully dressed edges & squared corners may have served as door; one end is missing but it measures 14'4" w. x 18" long.

R. 319-r

Fallen masonry & blown sand completely filled the room; had crushed ceiling poles.

Uncataloged specimens include: 1 maul; 1 grooved priable s.s. maul 6" dia. x 10" long showing no evidence of battering.

R. 319B: Second story walls continue flush with those of 1st story & stand to height of 8'10" above 1st story ceiling poles @ S. end; 5'4" above, @ N. end. Door in S. wall, 3'4" fr. SW cor., is 22" w. x 37" high.

Third story is evidenced by amount of fallen masonry.

Room 320

4 cards 1-320B card

4/28/24

In outer tier @ SW corner of old 1st type village; N. of R. 23; NE. of R. 25. Inside storage room. Not previously excavated.

Measures: N, 7'9"; S, 7'; E, 15'9"; W, 16'5". Floor to ceiling poles, 7'11".

Masonry: is 1st type, plastered. Smoke stains around E. door.

Floor, unevenly paved with flagstones resting on layer of adobe mud. Ceiling poles, 3"-4" dia., are pine lying E-W & overlain with squarebrush & adobe. N. half of ceiling had collapsed with masonry fallen from above.

Door in E. wall 35" above floor & 6'11" fr. NE. cor., in 25" w. x 30" h.; equipped with single pole as secondary lintel 3" below principal lintel & with secondary adobe jamb sloped to retain door slab placed from R. 326, next on east. Below door, a broken trough metate set on end in floor for doorstep, 15" h. Ventilators: 2 in E. wall, both blocked. One, 9" fr. NE. cor. & 4' above floor, approx. 12" square; 2nd, 19" from SE. cor. & 52" above floor (slightly depressed @ S. end), was 13" w. x 10" h.

In W. wall are 2 corresponding ventilators, also blocked. Shelf: 2 poles, imbedded 5" apart in S. ventilators, extend across room 55" above floor; no trace of flooring on them.

over

See photos 1105 photos
* 28442-A; 28443-A
28444-A

3 sects. of 3-4" pine beams gave AED, 1945

- JPB# 107 - AD. 919 incomplete
- 108 " "
- 109 " "

JPB 110 = ceiling pole from narrow 2nd type room W. of 320B - no date

R. 320-4

This overlapped/near edge of willow screen (#1416) in SE. corner. There the debris about the bodies were traces of feather-cloth, cotton fabrics, cotton(?) & yucca cords. On floor S. of E. door but apparently not with these 2 burials were 2 cyl. baskets (#1402-3) & painted bifurcated basket (#1390). Design in green & blue. Cyl. basket #1391 lay in front of #1390.

Marion N65
May 28 1932-4
Harris
May 28 1932-4
from 2-story dump of 1250
about 1/2 mi. SW. misc. potsherds, mostly late types & including 2 frags of proto-hesperia polychrome, & part of a finely coiled red bowl with polished black interior. In a depression between flagstones @ N. end, found the priceless 4-strand turquoise necklace & 4 earbobs (#1418); in comparable depression @ S. end (20" SW of E. door step) a B/W clay pipe (#1420)

Other finds: squash rind & seeds; a quantity of piñon nuts - latter doubtless brought in by pack rats; eggshell frags; 1 man's & 1 ft of another; misc. potsherds, mostly late types & including 2 frags of proto-hesperia polychrome, & part of a finely coiled red bowl with polished black interior. In a depression between flagstones @ N. end, found the priceless 4-strand turquoise necklace & 4 earbobs (#1418); in comparable depression @ S. end (20" SW of E. door step) a B/W clay pipe (#1420)

On top of fill under remaining portion of ceiling, part of skeleton of cottontail. (*Sylvilagus auduboni*)

Room refilled to above ceiling level, acc't drainage & 1st type masonry.

R. 320 finds			
1347	Cyl. basket 335301	1 1/4 x 8 3/4	mostly min pore
1348	" basket - 335398	d. 6 1/2 x 10 3/4	upper 1/3 gone
1349	" " 335302	d. 4 1/2 x 9	badly crushed
1374	am. soil " - 334309	4 3/4 x 5 1/4	
1375 } 1376 }	loop with handle - 334343		Turquoise cords hanging so handle fr. prevent loop.
1377	4 stem poles - 335252	8-14-19	removed; ground ends.
1390	Bifurcated basket 335293 painted	16 x 13 x 8	
1391	Cyl. basket 335299	d. 5 1/2 x 10 3/4	part of min pore 1 side gone.
1378	Rem. ft 335316		listed as stem, 1/2 ft
1379	Arg. stone? 335316		
1402	Cyl. basket 335296	5 1/2 x 9 3/4	on table
1403	" " 335300	5 x 8 3/4	perforated - part min pore
1404	Rem. stem, staff 3353218		on floor SE cor. DN. near 1302/1309, 1411.
1405	Rem. stem 335322	1.18	
1406	Rem. ft 335312		
1407	Misc. mult. frags 335311		9 x 10
1408	" " 335312		
1409	1 basket ft 10		Remains, under slab
1410	" ft.		Slab, under slab
1411	Rem. sticks @ 335283	13 1/4 - 18 1/4	
1413	Rem. staff ft - 335217		one end
1414	digging stick " - 335209	8 3/4 x 1 3/4	slab end
1418	String mullace - @ 1391		
1419	Wicker screen - 335287		under slab 2 - W. under in SE. cor.
1416	" "		

R. 320 finds (fr. type lists)

- Stone: 1 ornament; 2 beads; 1 worked flake; 1 disk cover; 2 marbles; ~~1~~; 10 ornaments; 126 frag. flts; 2 bits malachite; 1 lot. yellow; 1 pe. calciferous.
- Pottery: 8 bowls; 1 jar; 3 ^{eye-painted} jars; pitchers.
- Bone: 1 fig; 8 beads; 1 dice bear; 1 ~~sharpened~~ arrowhead.
- Shell: X flts shell beads (discarded); 4 shell beads.
- Fabrics: need mat
Willow " " or osenaw - under No. 2
" " " " - in SE cor.
X flts cloth; 1 mantle; loop with tassels.
6 cyl. baskets; 1 am. coiled basket; 1 bifurcated basket; 1 bent handle; tank (?) handle (1411) (1377)
Wood: 4 brown rods; X brown sticks (1412)
9 osenaw. staves; 1 digging stick flt; 1 wren. stick; 2 ~~worked~~ ~~wood~~;
3 ~~flts digging sticks~~ ~~sticks~~
- Vegetable: X osenaw seeds & stems.
Text: egg shell flts.

R. 320

Cat. No.	Field No.	Negative	Remarks.
336419	1395	283724	19 flts pitchers; with 1390 910 flts flts . bifurcated basket
	1390	"	"
	1391	"	"
336218	1466	"	opposite - (behind step)
336489	1370	28319-60	cyl. jar
91	1394	"	"
336211	1372	"	bead
336407	1357	"	pitcher - on same NE cor. handle up; mouth on
408	1359	"	" - NE cor. on side, handle concealed.
418	1361	"	" NE cor. on side of bowl. base of bowl
415	1371	"	" NE cor. leaning against hole 1372
410	1365	"	" NE cor., on side S. of bowl 1372.
416	1372	283604	" on side of flts bowl of cyl. basket # 1378
411	1367	"	" on side under rim of cyl. basket # 1378
414	1370	28319A	" on side of bowl of cyl. basket # 1378 facing W.
417	1373	"	" on side, handle down; mouth of bowl N. end in NE corner

Orig. No. R. 320 Pitches

1359	336407 ✓	
1365	336410 ✓	
1372	336416 ✓	
1371	336415 ✓	
1400	336421 ✓	
1395	336419 ✓	
1359	336408 ✓	
1370	336414 ✓	
1399	336420 ✓	
1363	336409 ✓	R. NE 1/4 on 1373.
1367	336411 ✓	
1369	336413 ✓	
1368	336412 ✓	R. NE 1/4, minor channel from
1373	336417 ✓	
1361	336418 ✓	note no. on source
1350	336489 ✓	
1394	336491 ✓	
1351	336490 ✓	
1362	92	R. 326

pitcher @ N.E.S. #1351

Cy. fano.

1420 ✓ clay pipe 336041
 1421 ✓ cloth ppt 336315
 1423 ✓ crocks ② 336217
 in hole betw. slabs @ S. end
 perforated
 surface 2' ppt.
 perforated.

1441 weathering ppt 336338
 1442 corals 336308

R. 320 B.

Left in R. 320A (from P. etc) —
 against wide rubble
 finion nuts
 Eggshell ppt
 1 m. or 5' ppt.
 part finely sorted R. or. in train

Orig. Mus.

R. 320 Bowls

1352	336211 ✓
1401	336216 ✓
1466	336218 ✓
1353	336212 ✓
1397	336214 ✓
1467	336217 ✓
1354	336213 ✓
1398	336215 ✓

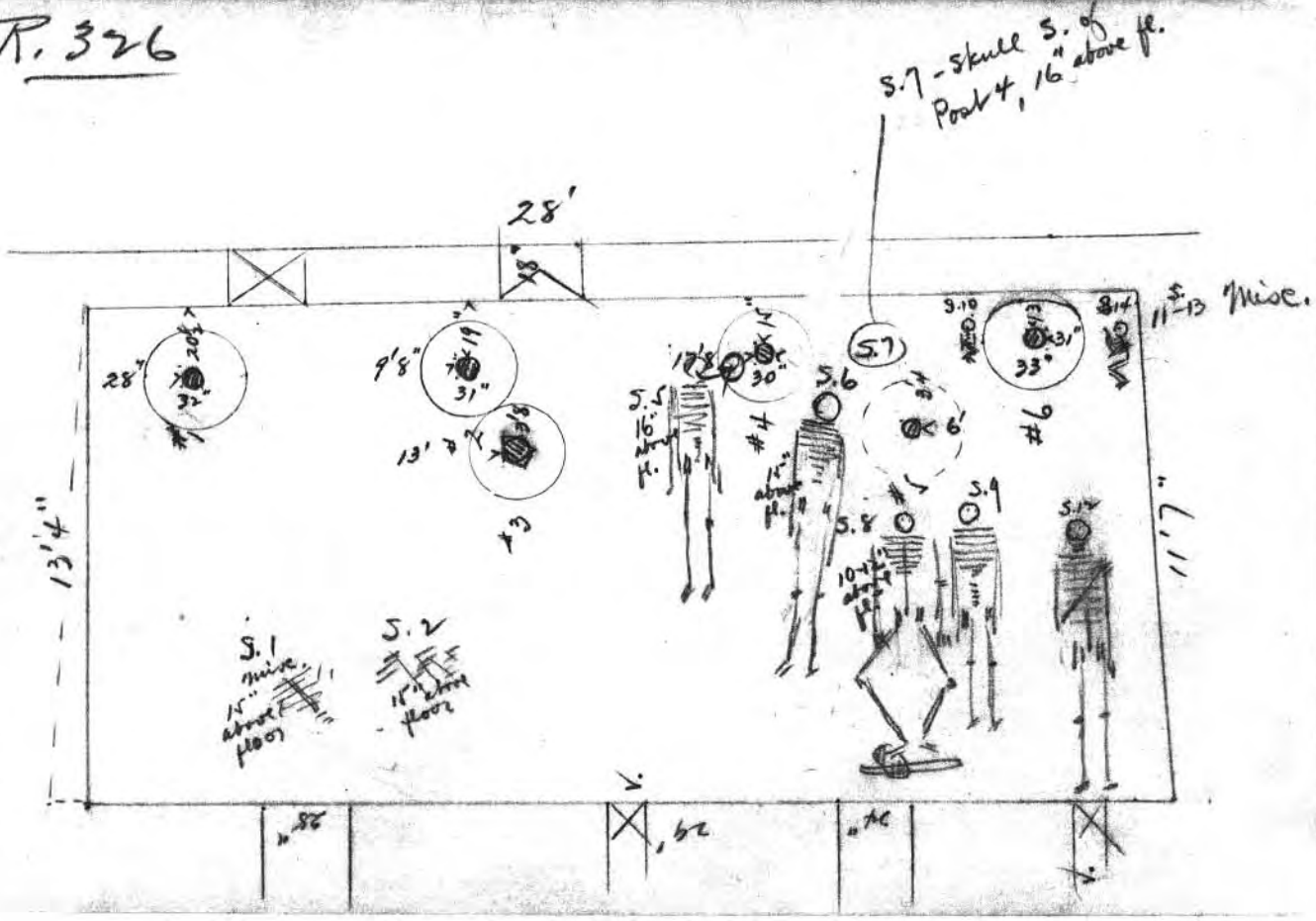
Converted exterior
bowls missing

R. 326

1/01

N

N.W. cor.
is higher



R. 320	sherds	%	320-B	sherds	%
Transi.	141	22.4		705	16.9
Early hach.	51	8.1		54	8.7
Solid	2	0.3		7	1.1
Plain	96	15.3		93	14.9
		<u>46.1</u>			<u>41.6</u>
Early hach.	1	0.2		18	2.9
chaes- <u>sq</u>	29	4.6		29	4.7
<u>mv</u>	—	—		—	—
Corrug.	127	20.2		145	23.2
		<u>25.0</u>			<u>30.8</u>
Total:	628		622		

Room 320 B.

1st floor

6/24/28

Measures: N., 7'6"; S., 6'9"; E., 16'; W., 16'9". Floor to W ceiling poles (these had been cut off with a steel ax), 8'5".

Masonry, of 1st type, agrees with that in lower room. Door, broken, in E. wall, 6'9" fr. SE cor. & 29" above floor. Ventilators: 1 in S. half of E. wall, 34" fr. SE cor. & 4' above floor was 15" w. In W wall, 2 vents, 46" above floor, 30" fr. NW cor. & 28" fr. SW cor. In latter, sawed pole ends with split cedar above show in upper half thus indicating that narrow space between outer W. wall & adjacent 2nd type wall had been filled & roofed over. (This space was not explored)

Potsherds from fill above floor showed approximately 1/2 with early types of bowl & jar decorations; also, banded-neck pots.

North half of E. wall fallen to within 33" of floor level.

R. 320 C - Evidenced by 3' of S. wall standing above 2nd story ceiling level & by fallen masonry in 1st & 2nd story rooms.

Photograph

Room 321. / 1 card

6/8/24

NW. corner of square inclosing Kiva Z (presumably opened by Sicks & ~~tooth~~ erroneously identified on ^{Hyde} Nelson plan in Pepper vol. as R. 67); not previously excavated.

Masonry of NW wall is 1st type with 3rd type repairs; NE wall, of 3rd type, abuts NW. Both walls plastered as tho for 3rd type dwelling. Highest standing wall, @ NE, rises 6'9" above floor. Rough external masonry of Kiva Z rests 26" above floor & abuts plastered NE wall 4'4" fr. N. corner & NW wall 5'2" fr. N. corner. A 3" dia. pole embedded in kiva masonry 3' above floor & 3'2" fr. SW cor. & in NE wall 30" fr. N. cor. 44" above floor.

T-shaped door in NW wall: S. side of upper part missing but N. jamb, with 3rd type repairs, stands 19" fr. N. cor.; lower part, 26" from N. cor., is 22" w. x 34" h., with sill 22" above floor. Lower 17" of door had been blocked with 3rd type masonry.

Fill of mixed debris of occupation & reconstruction.

Finds: 5 hammerstones, 2 manos, misc. sherds, animal & bird bones; squared turquoise for mosaic, 1 disc. bone bead, & 1 agurite pellet placed with misc. P.B. finds.

Room 322. / 3 cards

SW.

6/11/24

Previously unexcavated ^{type} corner of square inclosing Kiva Z (R. 67 on Nelson plan in Pepper).

Measures: 11' on SW.; 12'5" on NW. Walls now rise 8'9" above well-defined floor.

Masonry of NW. side is 1st type SE. wall of R. 323; of SW. side, composed of both laminate & dressed friable s.s. blocks separated by thin fgl. & spalls, is 3rd type with a suggestion of 2nd type. One coat of plaster on SW.; 12 on NW. Southwest wall rounds off in W. corner abutting NW.; latter sloped outward & had been repaired with small laminate chips before Kiva Z was built. In upper SW. wall are 4 adjoining 2" thick blocks of friable s.s., dressed on face & bearing continuous, incised zig-zag (WVW) subsequently plastered over. Outer curve of Kiva Z is roughly constructed of large blocks with protruding stones, irregularly spaced but generally in same planes.

Blocked door in NW. wall 7'8" fr. W. corner & 4'10" above floor, was 22" wide.

R. 322-2

^{box}
Masonry compartment, on floor 24" fr. SW. wall; its NE. & SW. sides extend thru & under NW. wall forming a passage like that of sub-floor ventilator ducts in kivas. Compartment walls av. 5" thick; are finished on inside only. Inside measurements: NE, 30"; SE, 25"; SW, 36"; NW, 23"; depth, 21". Masonry partition, 5" thick & finished on SE. side only, divides compartment; SE. section is 14" w. on SW. side, 12" on NE. Both sections paved with adobe but s.s. slabs overly this in NW. part. Floor of ^{box} compartment is 5" lower than that of room. Compartment covered with layer of poles, av. 3'6" l. & square-cut @ ends, plastered over with adobe; total thickness, poles & adobe, 5". Both sections had been filled with sand & adobe chunks from razed walls.

Fill: Like other, similar angles, R. 322 was filled with blown sand & debris of reconstruction.

Finds: Misc. sherds; 3 hammerstones & 3 dressed s.s. tablets largest of which measures 12 1/2" l. x 6 3/4" w. x 3/4" thick.

R. 322-3

Sub-floor: Inner curve, plastered, of a 2nd-type kiva abuts NW. wall 5' fr. W. cor. of room & passes under curve of Kiva Z. 10'7" fr. S. corner. This subfloor wall was exposed to depth of 3'7" below floor of room without encountering its related floor.

Shelf? A series of pole holes in NW. wall 22" below blocked door ^(or 3' above floor) may indicate a ^{pole shelf} former 1st-type room on this site, razed to make way for the 2nd-type kiva. Latter was abandoned in favor of 3rd-type dwellings & these, in turn, were sacrificed for the 4th-type Kiva Z.

Room 323 (5 chs)

#1600 = $31\frac{1}{2} \times 5 + 1\frac{3}{4}$ "

7/10/24

Previously unexcavated 1st type room lying next to & NW of Kiva 2 (#67 of Hyde's groundplan); SW of R. 112.

Measures: NE, 14'; SW, 12'10"; SE, 34'2"; NW, 36'. Width in middle, 13'4". Ceiling poles protruded fr. NE wall 8'6" above floor.

Masonry is 1st type, plastered & slightly smoke-stained. Northwest side is straight; SE. side, slightly convex. Doors: In middle NE wall, about 4'6" above floor, is door whose jambs & sill were broken by workers fr. R. 112.

In SE wall, roughly blocked door 23" w. x 32" h. is 7'8" fr. E. cor. & 6'2" above floor; its jambs are neatly made of laminate blocks; poles form its lintels & a well hewn pine board $31\frac{1}{2}$ " l. x $1\frac{1}{2}$ " th., its sill. (This sill plank was saved & cataloged, when N. half of SE. wall collapsed during excavation) (Below S. jamb, a 7" dia. post hole 6" fr. wall marks position of former post step.)

In SE wall, door 13'10" fr. S. cor. & 3'2" above floor was 25" w. x 31" h.; it was blocked when 2nd type Kiva 2 was built close on E side of wall. There had been a post step beneath this door. In SW wall, door 24" w. x 27" h. is 6'9" fr. S. cor. & 3'6" above floor; it has slab sill & pole lintels. In NW wall, door 25" w. x 31" h., is 8' fr. W. cor. & 3'8" above floor. In NW wall, blocked door 21" w. x 33" h., was 8'3" from N. cor. & 35" above floor. In SE wall, blocked T-shaped door: lower part 23" fr. E. cor.; upper

SW 14" fr. E. corner - mostly destroyed when wall collapsed.

(1600) U.S. No. 335275

R. 323 - v

Ventilator(?) 21" sq. in SE wall 2'6" fr. S. cor. & 5' above floor, had been blocked when R. 322 was filled.

Fireplace, 13" w. x 15" x 12" d., lined with 5 slabs on edge, ^{filled with wood ash,} lies 8'8" from S. cor. & 6'4" fr. SE wall (thus, close to post #6); its E. side is discarded metal.

Ceiling: NW-SE beams supported NE-SW poles covered with squaw-bush & cedar bark, then adobe. Poles are imbedded in NE wall 8'6" above floor; beam supported by post #8 protrudes fr. SE wall, 7'10" above floor. (Pole ends extend thru NE wall fr. R. 112 @ same level as those in R. 323)

Beam supports: Near SE wall, 8 posts supported main beams. They stood:
#1 - straight-grained pine, 7 1/2" dia., 5'6" fr. NE wall, 2'5" fr. SE wall; #2, pine 7 1/2" dia., 12'8" fr. NE wall, 35" fr. SE; #3 does not exist (error in orig. notes); #4, is 18' fr. SW wall, 5'4" fr. SE; #5 is 12'9" fr. SW, 3' fr. SE wall; #6 is 8' fr. SW wall, 4'10" fr. SE; #7 is 4'3" fr. SW wall, 21" fr. SE wall; #8 stood against SW wall 3'7" fr. S. cor.; #9 also stood against SW wall, 9'3" fr. S. corner. With 2 exceptions (#6 & 9), the bases of these posts rested just below floor level, surrounded by s.s. slabs averaging 20" l. x set on edge in dug holes; shale was packed in holes between slabs & posts & under posts; ends of slabs @ floor level, & shale ^{packing} were then covered by an adobe cone rising up 6-8" about posts.

R. 323 - P. 3

AED readings of beams & posts from R. 323, 1945

JPB # 114 - beam -	no date
115 - " "	" "
116 - post under # 114	- 919
117 " " " # 115	- 919

R. 323-3

Dump!

Post #6 was surrounded by rude masonry instead of slabs; #9 rested on floor enclosed by an adobe cone but neither shale nor slabs as base support. All posts, ^{mostly} ~~many~~ were decayed, had been straight-grained pine.

Floor: At SW end, floor is ill defined - chiefly a thin, dark surface of ash on sand deposit. In this sand, 5 cooking pots were found buried with rims @ floor level; all are of early type - plain body; banded neck. One pot lay @ W base of post #7; another lay @ S. side of post #6; the 3rd lay against SW wall, below E jamb of door; the 4th lay 3' fr. SW wall & 4' fr. W. corner & the 5th was buried on N. side of post #1.

Subfloor: In S. corner, masonry foundations rest, 17" below floor level, on a sandy ~~fill~~ ^{deposit} containing bits of charcoal; clean sand lies 3' 5" below floor. Test hole in middle of room showed clean sand @ depth of 4' 6". Base slabs for posts stood in sand layer under floor.

Room fill: Debris of occupation filled N. half of room to depth of 3 ft.; slightly less @ S. half. Large quantities of sherds found in this debris. The following specimens were noted & left in the room:

Finds

3 metates; 49 manos & frags of 7 others; 119 hammerstones; 5 smoothing stones; 2 frags of worked s.s. slabs; 2 squared s.s. jar covers; 47 unworked

R. 323-4

pebbles; 6 larger, unworked cobblestones; 10 frags of silicified wood; 7 small s.s. balls & 1 of 4" dia., unworked; 6 unworked s.s. concretion cups; misc. flint & obsidian chips. Also, squash stems, seeds & vine frags; piñon nut shells; corn-cobs, both charred & decayed; 3 frags. cholla cactus.

Room was refilled in 1924, ac't poor masonry & to provide drainage.

R. 323B: A second story is evidenced by fact that NE wall stands 13' above floor level of 1st story room; @ S. corner, SW. wall stands 12' above lower floor. Fallen masonry lay upon the rubbish fill. H.P.S. measures NW, 35' 11"; NE, 14' 5"; SE 34' 8"; SW 13' 4"; cp. 8' east.

Room 323 - 5.

Among the bones found in Room 323 were the following identified by Dr. A. Wetmore:-

Wild Turkey (*Meleagris gallopavo*); Red tailed Hawk (*Buteo borealis*)
Golden Eagle (*Aquila chrysaetos*)
Mtn. sheep (*Ovis canadensis*); Wildcat also Coyote bones
Jack Rabbit (*Lepus californicus*) Bobcat (*Lynx*) Dr. G. Allen
Mule deer (*Odocoileus hemionus*) ~~Hog~~ Coyote (*Canis latrans*)
Antelope (*Antilocapra americana*)
Badger (*Taxidea taxus*)
Cottontail (*Sylvilagus sp.*)
Orig. #1542 - core of Mtn. Sheep horns - to Div. of Mammals.

Room 324. ^{3 cnds}

6/23/24

South of Kiva 2. (R. 67 on ^{Hyde} Halson's plan in Pepper); E. of R. 325 & N. of R. 327. Not previously excavated.

Measures: N., 12'9"; E., 5'10"; S., 12'5"; W., 7'6". Highest standing wall, @ N., rises 4'4" above floor. Floor of R. 324 is 10 ft. above that in R. 325 & (19" ^{3 1/2" above floor} above bench) in Kiva 2. R. 324 is @ 2nd story level.

Masonry of W. wall is 1st type; of others, 3rd with suggestions of 2nd type. All walls plastered; S. wall, a partition & of cruder construction, abuts plaster on E. wall. Butt end of a beam from R. 325 protrudes thru W. wall 2'7" fr. NW. corner.

Doors in S. wall: (1) 2'5" fr. SE. cor. & 10" above floor, is 17" w.; (2) 2'5" fr. SW. cor. & 10" above floor, was 19" w. & had been blocked. Lintels of both missing.

T-shaped door in E. wall: Lower part, 28" fr. NE. cor., is 22" w. x 30" h. with orig. sill 10" below floor; upper part, 36" w., is 16" fr. NE. cor. Plastered N. jamb broken below lintel @ 4'3" above floor. Upper portion blocked & plastered over; lower part blocked to point ^{21"} 11" above floor, leaving low opening. (Original sill is 10" above a 2" w. offset in wall exposed in subfloor test)

R. 324-2

Fireplace against S. wall 4'10" fr. SE. cor., is 23" E-W, x 20" x 12" deep; lined & rimmed with masonry; filled with wood ash in which 2 stone fire-dogs stood.

Fill of fallen masonry & blown sand.

Finds: On floor, 2 broken coiled cooking pots; misc. sherds, 1 mano; 1 smoothing or rubbing stone; 2 hammers; 1 agurite pellet.

Sub-floor test shows earlier floor @ depth of 7"; on this, extending fr. middle of fireplace to N. wall, is 7" w. foundation wall. In sandy fill between floors, misc. sherds & a globular Chaco jar, ⁽¹⁴⁴³⁾ containing a shell effigy, ⁽¹⁴⁴⁴⁾ 2 flint pts - covered by s.s. slab. Latter jar doubtless buried below upper floor. A still earlier, or 3rd floor lies 3'6" below that last used & was spread within walls of an abandoned 2nd type kiva. Both E. & N. ^{room} walls, of 3rd type masonry, were built on this 3rd floor ^{3'6"}; in E wall, 22" above floor, a 2" w. offset ^{20" below room floor} possibly indicates the intended floor level. East wall foundation abuts plastered kiva wall. South wall of R. 324 was supported by log resting on kiva wall & imbedded in W. wall 6' fr. NW. cor. of room.

R. 324-3

Inner face of subfloor kiva, of good 2nd type masonry, passes under E. wall 4'7" fr. NE. corner & under N. wall 12'6" fr. NE. corner; kiva masonry is 23" thick. Kiva floor is 10'4" below upper, & latest, floor of R. 324; kiva bench is 18" w. x 23" high. Face of bench has 6 coats of plaster, smoke stained; only 1 coat, slightly smoked, on masonry above bench. This fact shows upper part protected by roof structure of kiva. Neither pilasters nor S. bench recess exposed in 4 1/2 ft. section of bench uncovered.

Earliest R. 324 floor rested on fill of debris of occupation containing but few sherds & these were about half early, half later types.

Room 325 (4 obs)

6/27/24

First type room, previously unexcavated. Next, on W, lies R. 319 & an unexcavated Room; on E, Rs. 324, 327 & 328.

Measures: N., 12'6"; S., 13'2"; E., 27'10"; W., 31'8". On E, 4" w. ceiling offset occurs 10' above floor. Ceiling poles @ 9' int.

Masonry is 1st type, plastered. South wall stands 9' h. @ SW corner. In NE cor., floor is 10' below that of R. 324. Floor not well defined.

Doors: In E. wall, 11' fr. SE cor. & 32" above floor, roughly blocked door, 22" w. @ lintels, 28" w. @ sill, x 43" h.; below it, a log split in half was set on stones to form a step 9" w. x 41" l. x 9" h. In E. wall, flush with NE cor., former door 16" w. x 22" h. was 16" above floor; it had been roughly blocked fr. R. 324 (perhaps upon construction of 2nd type, subfloor kiva in latter), leaving a recess, 19" deep, in R. 325. At inner N. cor. of this recess, a broken digging stick had been set upright as partial support for masonry fill; @ inner S. corner, a piece of split cedar served a like function.

In N. wall, 4'8" fr. NW cor. & 4'3" above floor, door slightly wider in middle than @ top & bottom is 21" w. x 26" h. x 20" across slab sill. Below this door, 2 posts served as steps; that next wall is 9" dia. x 33" h.; the 2nd, 5" dia. x 18" h., stood against & in front of the 1st. In W. wall, 6'4" fr. NW. corner &

R. 325-2

For blocked E. ventilator, 11' ± fr. NE cor., see R. 327.

4'9" above floor, is door 23" w. x 31" h. ±. Below, a 2'6" l. sect. of an 8" log leaned against wall as a step; 35" above floor, a recess in the wall plaster formed a 2nd step, 4" w. x 2 1/2" h. x 1 1/2" deep. In W. wall, 6'10" from SW cor. & 41" above floor is door, 23" w. x 24" h.; below it, a post set in floor as step.

Ceiling gone but 7 posts had supported E. ^{ends} of beams. Posts stand: No. 1, in slab lined hole, 16" dia., 5" fr. S. wall & 46" fr. SE cor.; in middle, a 6" dia. post packed about with shale; No. 2 post, 7 1/2" dia., stood 23" fr. S. wall & 19" fr. E.; adobe cone 14" h. packed on floor, about post. No. 3 post position marked by 6-sided, slab-lined hole 21" w. x 30" l. x 30" deep - larger than usual - lying 8'6" fr. S. wall & 31" fr. E. wall. Hole had slab @ bottom; contained shale packing some of which showed evidence of fire; no post. No. 4 post, 7 1/2" dia., stands 10'5" fr. S. wall; 23" fr. E. side. No. 5 post stood in 5-sided, slab-lined hole 18" x 19" lying 16'8" fr. S. & 35" fr. E. walls; hole filled with shale & covered, @ floor level, with adobe cone surrounding post. No. 6 post, 28" fr. N. wall & 41" fr. E. side, also stood in slab-lined hole packed with shale & adobe covered. Fifth & 6th posts were ^{almost} ~~reduced~~ completely decayed. No. 7 post, 16" fr. N. & 13" fr. E. wall, is 8 1/2" dia., surrounded by smaller slabs & packed with shale; post ^{was standing} stood 6' above floor but upper end had decayed.

Room 326 (6 chs.)

Room 326 2nd tier down from R. 326

7/9/24

Previously unexcavated room in 2nd tier @ SW end of old village. Room 320 & unexcavated room lie on W, R. 324-330, next on E, R. 325, on N.

Measures: N, 13'4"; S, 11'7"; E, 28'; W, 29'. At SE. cor., ceiling poles 9'7" above floor.

Masonry is 1st type, plastered. N. wall still stands 8'8" above floor.

Doors: In W. wall, 4'8" fr. NW. cor. & 38" above floor, door 28" w. x 29" h. connects with unexcavated room. A 2nd W. door, 7' fr. SW. cor. & 41" above floor, is 24" w. x 26" h.; it opens into R. 320 with no trace of a former step. In E. wall, 3'7" fr. NE. cor. & 34" above floor, blocked door 24" w. x 31" h. to lintel poles. A R-E door, partly blocked, 12'11" fr. NE. cor. & 3' above floor, is 26" w. x 33" h. to secondary, single lintel pole; 38" h. to main lintels; 18" across sill.

Six former beam supports show on E. side: Post #1, represented by hole 6 1/2" dia., stood 28" fr. N. wall & 20 1/2" fr. E., in middle of adobe cone 32" dia. x 13" h. Post #2 stands 9'8" fr. N. wall & 19" fr. E.; shale packing for post was floored over & on it, inclosing post, is adobe ring 31" dia. (outside) x 9" w. x 3" h. No. 3 post stands in slab-lined hole, packed with shale, 13' fr. N. wall & 3'8" fr. E., Post No. 4, 7" dia., stands 17'8" fr. N. wall & 15" fr. E., surrounded by adobe cone 30" dia. x 5" h. Post #5, also with adobe cone, is 6' fr. S. wall & 3'4" fr. E. side. Post No. 6, 7" dia., is 31" fr. S. wall

Room in 6" below R. 320 from NW. side
Neg. 25736A shows adobe cone about 3'

R. 326 - 2

& 13" fr. E.; likewise surrounded by adobe cone 33" dia. x 6" h. Beneath these cones, each post doubtless inclosed by slabs on edge with top @ floor level.

Ventilators: In W. wall, 22" fr. SW. cor. & 4'6" above floor, vent. 13" w. x 9 1/2" h. had been blocked fr. R. 320. A 2nd W. vent., of comparable size & position, lies 13'10" fr. SW. cor. & was blocked fr. R. 326;

Room fill: Floor is packed adobe of fairly uniform level. On floor thruout N. 2/3 of room, blown sand averaged 6" deep; above it, a 4" layer debris of occupation containing numerous sherds; upon this latter, about 5" of blown sand mixt with floor sweepings & debris of reconstruction. None of these layers was uniform thruout; each was a bit deeper along sides than in middle of room. Fill of S. 1/3 differs: On floor, razed wall debris dominant in lower 10"; over this, variable sand & debris of occupation. Decayed ceiling poles & adobe from upper floors lay on the 15" accumulation in middle of room. On, between, & beneath these poles & adobe spells were several disturbed burials; above them, an 18" layer debris of occupation; above latter, about 2' blown sand & floor sweepings with a 2nd layer of ceiling poles about 5 ft. above floor level. Above this 2nd pole layer, fallen masonry & blown sand to height of walls.

R. 326-3

Burials: Nos. 1-4, disarticulated, lay under & among decayed ceiling poles 15-20" above floor in middle of room. Skeleton 5 lay close on N. side of Post 4; Skel. 6 & 7, on S. side. Each lay extended on its back about 25" above floor, with head to E. & arms @ sides; femerary vessels, etc., about head of each. Skel. #8 lay extended 10 or 12" above floor & 2 ft. W. of Post 5, with arms @ sides, feet slightly elevated, & knees spread outward. At its neck, a turquoise pendant; feet rested against 2 digging sticks ¹⁸⁹⁰⁻⁹¹ a few inches from W. wall. Skeleton #9, on same level & a few inches S. of #8, lay extended with L. hand on chest; R. hand on belly. At ^{neck} ~~neck~~, a turquoise pendant. Offerings of bowls, pitchers, baskets, etc., with #8 & #9 lay between their respective heads & Post #5; these offerings could not be separated. A dual burial is indicated. Stone spells wall above beneath these two bodies; above them, 15-18" debris of occupation.

Skeleton 10, an infant, lay on its back 10" above floor, with head to E. & knees pressed down to left. Forehead 9" fr. E. wall, 4'6" fr. SE. corner. Skull, thick & spongy on crown, shows diseased condition, (*Osteoporosis symmetrical*). Skel. #11 is mixt lot of adult & adolescent bones fr. space 4 or 5 ft. square in SE. corner; burial probably made on reed mat bared betw. Skel. 10 & Skel. 12.

R. 326-4

Dr. T. Dale Stewart counts only 11 - 1 infant, 1 male, 9 females.

Skeleton 12 lay extended on back, parallel to S. wall, with head to E., left arm @ side & R. flexed across chest. Skull is 6'6" fr. SE. cor. & 23" fr. S. wall. Burial made on a woven ^(twilled) rush mat, 2'11" ^{wide} long; mat lay 6 or 7" above floor on debris reconstruction. On L. wrist, 3 coils of turquoise beads as bracelet; @ each side & above head, offerings of pottery; @ R. shoulder, an oblong, coiled basket tray with plain flesher made of deer humerus. (2 like baskets, ea. accompanied by humerus flesher, also found in R. 326) At least 3 vessels ^{above} @ head of Skel. 12 were overlain by mat of Skel. #11, thus proving the latter was the later of the two. Other vessels found near Skel. 12 may have accompanied disturbed burials #11 or 13, or both.

Skeleton #13, incomplete, lay in SE. cor. with pelvis on rim of bowl No. 1624, & ribless backbone curving down & then sharply up against S. wall. Left leg drawn back so tibia parallels vertebral column; R. leg lay about 14" to NW. A lower jaw, its molar cavities closed, lay with several ribs @ head of R. femur. No skull; arm bones probably mixt with No. 11. A detached cranium, on sand accumulation against S. wall, lay about 6" above 13's R. foot.

See Print 25W74A
Stewart finds #11 & #13 belong to same ♀

R. 326-5

(1663)

Skeleton No. 14 lay under Skel. 13, on floor in 18" space between adobe base of Post #6 & S. wall. Body lay on its R. side, in sleeping position with knees slightly flexed, hands in front of face, back against S. wall, & head 10" fr. SE. corner. Beneath body, a mat of parallel reeds bound at intervals with twined cords. Debris of reconstruction & floor sweepings covered the burial. No furniture. Position of #14 suggests natural death on the spot; the subsequent abandonment of R. 326 & its later use as burial place & dump.

Portions of 1 or 2 reed mats noted under almost every skeleton; mostly parallel reeds but some were plaited. Remnants of matting & cotton cloth over bodies show most, perhaps all, were covered or bunched for burial. Saved 2 digging sticks found @ feet of Skel. #8. Fgts. of other digging sticks, planting sticks, & staves with crooked ends were noted thru the debris, usually near burials. All these fgts decayed beyond preservation.

Finds not cataloged include: large quantity misc. shards; 24 manoc & fgts. of 3 others; 4 metates & fgts. of 3 others; 23 hammerstones; 8 unworked quartzite pebbles; numerous flint chips & fgts silicified wood;

T.D.S. identifies fpts as
fence, 30-40 yrs.

1 tabular metate shown in
Print # 28436A

R. 326-6

(1 R. humerus, Mule deer, with proximal end broken off.

1 rule s.s. jar cover & frags of 3 others; 2 smoothing stones. misc bird, deer, & mammal bones. Coyote & dog identified by Dr. Glover Allen.

Sub-floor test in NW cor. shows base of N. foundation 35" below floor; base of W. foundation, 39" below, both resting on clean sand. In SW corner, rude foundations (mostly sandy adobe) rest on clean sand 22" below floor level. Print 28503A shows SW. corner several inches low.

To provide drainage & protect walls, R. 326 partly refilled.
Base of E wall, 42" below R. 329 floor

R. 326 B. (Rotted ends of 1st story ceiling poles rest in S. wall 9'7" above floor; 2nd story S. wall rises 8'4" above its own floor level without trace of ceiling timbers. In this S. wall, 37" above 2nd story floor & 35" fr. SW. corner is T-shaped recess 6" w. @ top, 3" w. @ bottom x 6" h. & 5" deep. A 2nd, similar recess 7" w. @ top, 3" w. @ bottom x 5 1/2" h. & 7" deep, lies in same wall 36" above its floor & 31" fr. SE. corner. A surviving section of 2nd story E. wall is set 6" ^(back from) inside face of 1st story wall. R. 320 has broken door, E wall.
West wall doors: 5' fr. NW cor., 23" w. x 38" h. to unnumbered storeroom N of R. 320, blocked. 2nd W door, to R. 320 B, c 7' fr. SW cor.

May 28 503A
Oct 1924

ms

R. 326B

H. Roberts records W wall ventilators, both blocked.
1) 6" & 10 1/2" fr. NW corner, both 12" w. x 15" h.

Room 327 (4 chs)

N 45° N eqs. $\frac{284520}{284518}$ (S. wall; SW cor. 200) 7/11/24
E door; SE cor. chd)

Lies @ NW side of West Court, on middle E side of R. 325; is 2nd room SW of Kiva Z (The #67 of Hyde's groundplan as pub'd by Pepper).

Measures: N, 12'2" ; S, 12'4" ; E, 9'3" ; W, 11'. Floor to N. ceiling poles, 4'3" ; to ceiling poles in S. wall, 3'6" ; (6'9" to lower^N floor.)

Masonry of W. wall is 1st type, heavily plastered; S. wall, of poles & adobe; N & E walls of ^{rough} masonry without definite type. All walls repeatedly plastered & smoke stained; last ^{adobe} surface not smoked. East ^{thicker @ base,} wall slopes outward slightly, approaching ceiling level; N. wall, slightly convex & abutting plastered E & W sides, is ^{perhaps} side 2nd type & probably was built to inclose 2nd type kiva under R. 324. South wall, with convex curve @ E end, consists of 2" dia. posts set 4" or 5" apart & filled in between with adobe mud to form a wall 7" thick that abuts 1st type masonry of W side. (N. wall of R. 328 was built against this post & adobe wall) 43"

Doors: In W wall, blocked door 24" w. with lintels 28" above floor, is 17" fr. SW cor., 7" fr. NW corner; its sill lies ^{15"} below floor level, ^{15" above} In E. wall, 4' fr. NE corner, is blocked door 25" w. @ floor, 19" w. @ pole lintels; lintels lie 37" above floor, sill lies below floor. Door apparently cut thru after completion of wall for it has a NE-SW bearing; its jambs are rounded with plaster; against N. jamb,

R. 327-γ

1st type house later repairs

a 2 1/2" dia. post inclines upward & outward, due to greater thickness of wall @ base. (Lintels of E door @ approx level of ceiling poles in S. wall)

Ventilator: In W. wall, 5'2" fr. NW cor. & 47" above floor, is former vent., 17" w. @ sill, 13" w. @ top x 16" h., blocked from R. 325.

Bench: In SE corner, abutting plastered E & S. walls, is ^{slab-covered} masonry bench 25" N-S x 7" w. @ N, 16" w. @ S. x 28" high.

Ceiling: A single E-W beam, its W. end in the blocked ^{R. 325} ventilator, its E end resting on a 6" post 4'9" fr. NE cor. & 5' fr. SE cor., supported N-S pine ceiling poles of uniform diameter. These poles, somewhat decayed & broken, were still in place. On N, they lie 51" above floor; @ SE, they lie 42" above floor; in W. 1/2 of S. wall poles are 6" higher than @ E end. Ceiling poles were covered by square ^{chico} brush but split cedar had been used in NE corner repairs. In SE corner, an oblong hatchway (for descrip., see R. 327-B).

Room 325 ceiling beams protrude thru W wall flush with SW corner & 30" fr. NW corner; both are 8" dia. & lie 51" above floor of R. 327. ^{over}

Room fill, to ceiling poles, consisted wholly of clean blown sand. On or near floor, the following uncataloged material was noted: 1 metate; 11 manos; 38 hammerstones; 5 unworked quartzite pebbles; 1 quartzite

JPB# 118 - sect. from single E-W beam, no date
" 120 " " beam protruding thru wall
from R. 325 - no date.

R. 327-3

3925 (61.4% T.B.)

cobble used both as smoother & hammer; misc. sherds, bird & deer bones.

Subfloor: A 2nd, or earlier, floor lay 30" below the upper; i.e., 6'9" below N ceiling poles. On this lower level, masonry bins occupied the NW, SW & SE corners. SE bin, measuring 31" on inner E & S sides, was formed by masonry 8" thick x 9" h. that rested on floor, abutted plastered face of S. pole-&-adobe wall & extended beneath N end of upper level. SE corner bench perhaps to abut plastered E wall. NW bin measures, inside, 4'9" on N x 5'5" on W; its floor is 5" below that of room; its concave inclosing wall, 9" thick x 13" h. (fr. bin floor) abuts plastered N & W walls of room. SW bin, with floor 3" below that of room, measures 34" on S. x 4'10" on W; its slightly concave wall, 8" thick x 8" h. (fr. bin floor) abuts plastered S. wall & abuts masonry of NW bin 33" fr. W wall of room. Blocked W door, 43" h., has sill 15" above ^{floor} floor of SW bin. Blocked E door, approx. 4'4" h., has sill 14" above lower floor level; in front of door is post step 11" dia. x 14" h.; in front of this post, an irregular stone approx. 13" w. x 18" N-S x 6" h. was set in floor as a 2nd step. These steps indicate that E door was partly closed & new sill introduced ^{perhaps @ upper floor level} before the final blocking. Ceiling prop noted 4'9" fr. NE cor. & 5' fr. SE cor., is set in lower floor.

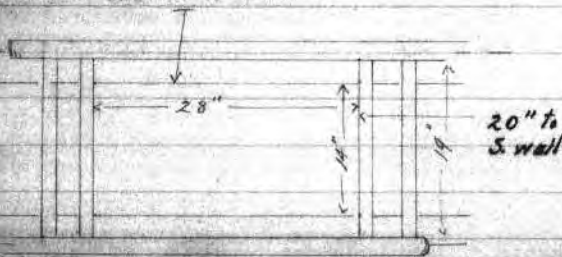
R. 327-4

Fill between upper & lower floors consisted of sand with small proportion of floor sweepings. In this fill, the following uncatalogued specimens: 24 hammerstones; 1/2 disc. jar cover; flint chips; misc. bones (chiefly deer); a few sherds. Room refilled to provide drainage & protect walls.

R. 327-B. Measures: N, 13'; S, 13'11"; E, 10'; W, 10'9"; is larger than 1st story room.

Masonry of fallen W wall was 1st type; that of others is 2nd type tho N & E walls show 3rd type repairs. South wall rests upon 2nd type N masonry in R. 328; not upon post-&-adobe S. wall of R. 327. East wall abuts the S; N wall abuts plaster on E wall. Latter shows 3rd type replacement on outer N. half. At W end, N wall overhangs by 12" its 1st story counterpart; @ E end, 2nd story N. side sets back 15" fr. face of 1st story masonry. Thru N wall, 2 doors (1 blocked) open into R. 324.

28" to E wall



North wall stands 38" above 1st story ceiling poles.

SE Hatchway thru floor 28" fr. E wall & 20" fr. S. side measures 14" w. x 28" N-S. At each end, 2 short poles rested on ^{1st story} ceiling poles; 2 long ^{side} poles lay upon short ones, @ sides of opening.

Room 328

(4 chs)

Rectangular kiva.

7/18/24

South of R. 327 & E. of R. 325 @ ^{middle W. side} NW corner of West Court.

Measures: N, 11'9"; S, 12'3"; E, 8'3"; W, 10'7". Middle E-W length is 12'7". Secondary beams in E. walls lie 7'3" above floor.

Masonry is 1st type with later wall built in @ north. Original E wall composed of 2" posts set 6-12" apart, packed between with adobe mud & plastered over. This old wall now stands only 39" h.; above it is rude masonry built of large dressed & unworked blocks probably to serve a foundation for 2nd type, 2nd story wall. Spalls noted in 5'4" of post-&-adobe wall probably added when rude stonework was placed above. Beginning 6'8" fr. SE cor., old E wall curves westward as S. side of R. 327. North wall of R. 328, of 2nd type, was built against this old post-&-adobe wall to serve as foundation for superior 2nd type, 2nd story masonry. Plastered 1st type W wall now stands only 7'7" above floor. South wall, of rude 1st type masonry only 9" h. abuts the E & W walls.

Ceiling had disappeared except for partly decayed ^{E-W} beam supported by a 6 1/2" dia. post, 7'1" h., partly imbedded in later N wall masonry 8'11" fr. NW corner. At E end, this beam bends down to 6'5" of floor; wall protrudes slightly @ top to come under the beam. Under this beam & resting

R. 328-r

on its supporting post was a protest, made of squawbrush wrapped with split yucca leaves. A 2nd, missing beam had been supported by a post which stood 3'10" fr. SE cor. ^{7'11" fr. SW cor.} & 20" fr. S wall & was joined to latter by an jacal wall 4" h., composed of 6 sticks 1" dia., plastered thickly with adobe.

The 2 beams noted belonged to the orig. 1st type room; they were superseded, perhaps coincident with construction of the 2nd type N wall, by 2 other beams whose former settings are evident on E side 7'3" above floor & 12", respectively, S of the timbers they replaced. Obviously, the room had been entered thru a hatchway whose former position is not identified.

Possible door, 14" w. x 17" h., with slab lintel rail, opens thru S wall, 27" fr. SE cor. & 20" above floor; into secondary compartment in NE cor. of R. 329.

Ventilator in E wall @ floor level & 3' fr. SE cor. is 8" w. x 10" h., with stick lintel & plastered, rounded jambs. Beneath it is a subfloor ventilator.

Subfloor ventilator duct, 13" w. x 18" d., passes under E wall with its inner S. face 3' fr. SE cor. of room. Inner SW cor. of duct lies 5'3" fr. SE cor. of room; 4' fr. SW. corner. Duct was ceiled @ floor level with s. s. slabs supported by small poles leaving ^{open} opening 13" l. x 8" w. @ its W. end. Within the duct, 46" fr. its W. end, masonry under E wall of room blocks the passage.

for vent shaft,
see ad. 4

R. 328-3

Dump

Fireplace, originally 25" dia. & rimmed with clay, lies in middle of room 7'2" fr. SE cor. & 4'3" fr. S. wall. Subsequently, slabs on edge closed off N half & followed inner S curve, reducing fireplace to 18" E-W x 17" x 15" deep. At NE side of fp., between it & beam prop in N wall, is circular basin, 14" dia. x 2" deep, scooped from room floor.

Firescreen: A broken metal, grinding surface to W., was set in room floor against outer N side of subfloor ventilator duct & 6" fr. its W end forming screen 20" w. x 21" h.

Subfloor: Base of 1st type W wall lies 20" below floor & rests on clean sand. Posts in E wall stand; 2" below floor, on a 8" h. adobe foundation. Second type N wall was built on floor of room.

Fill

Room fill consisted of blown sand & debris of occupation. In this the following uncataloged specimens were noted: 13 manos & frags of 19 others; 28 hammerstones; 4 s.s. smoothers; 1/2 dressed s.s. tablet; 5 roughly conical s.s. blocks averaging 5" dia. x 7" h.; flint chips; 2 sections of fossil crinoid stem; 5 small frags of turquoise (given to Tuni workmen); 1/2 ft. of planting stick 2 1/2" w.; squash rind & stems; charred yucca cord; misc. patches, bird & mammal bones. From among the latter

Finds

R. 328-4

The following have been identified by Dr. A. Wetmore: Ferruginous rough-legged hawk (*Archibuteo ferrugineus*); Red-tailed hawk (*Buteo borealis*); Golden Eagle (*Aquila chrysaetos*); Turkey (*Meleagris gallopavo*). By Shamel: Antelope (*Antilocapra americana*); Mule deer (*Odocoileus hemionus*); Jack Rabbit (*Lepus californicus*); Cottontail rabbit (*Sylvilagus auduboni*).

Room refilled to provide drainage & protect masonry.

R. 328 B. Second story walls of excellent 2nd type masonry still stand on N & E sides. Measure: 13'8" on N.; 10'10" on W.

R. 328 vent. shaft, oval, 12" E-W x 8" w., with walls av. 6" th., finished & plastered on inside only, rises to last utilized W. Ct. surface 3' fr. outer E. wall of R. 328 & 2 1/2' S. of inner S. wall of R. 349.
(see W. Ct. obs. 36-37)

Room 329 (4 eds)

7/30/24

Situated @ W side of West Court; E of R. 326; between Rs. 328 & 330, near SW end of old 1st type village.

Measures: N, 13'; S, 12'3"; E, 11'9"; W, 11'10". Floor to N ceiling poles, 6'6" ^{7'4"}

Masonry is 1st type, plastered & smoke stained. North half of E wall consists of posts with 1st type masonry between - a continuation of the post-&-adobe wall noted @ S. side of R. 327 & @ E of R. 328. North & S. walls abut smoked plaster on W side; N. abuts E wall; latter abuts smoked plaster on S. wall. At NW cor., walls now stand 7'6" above floor; @ SE corner, 7'10" above floor. Decayed ceiling beams in W wall, perhaps fr. R. 326, show 6'7" above floor.

Ceiling had wholly disappeared but ceiling pole positions show in N wall 6'6" above floor; their opposite seatings are not evident in S. wall, therefore, S ends of poles rested on an E-W beam. In E wall, 5'8" above floor, is seating for S. beam; latter had been supported by a 7" post set 8" fr. S wall & 30" fr. SE corner. This post apparently replaced a similar prop whose position, 10" E of the other, is marked by slabs on edge below floor & a shale fill. Two smaller posts are noted, each about 4" dia. & 4'4" fr. S wall. One of these had stood in a dug hole 3" fr.

Measure
May 28/26

R. 329-r

E wall; its base was inclosed by small stones on edge. The 2nd post, 5' fr. SE cor., was surrounded @ base by buried stones on edge, covered by a cone of adobe mud. A 4" post, set in a slab box & packed with shale, stood 8'2" fr. SE cor. & 35" fr. E wall; it subsequently was incorporated in SW corner of the NE compartment;

NE Compartment: Plastered, crude masonry walls 7" thick x 26" h. rest on the sandy room floor & abut the N & E walls to form a compartment 48" on N. x 42" on E; later their height was increased 20" by additional masonry, 15" th., overhanging by 8" the outer face of the earlier construction. ^{Ceiling prop incorporated in SW corner.} That the compartment was once ceiled is evident from frags of poles protruding fr. its S. wall 39" above the floor & from its N wall 32" above the floor, or 7" below slab lintel of opening into R. 328. This opening, 14" w. x 17" h., lies 22" above floor & 26" fr. NE corner. The original function of this compartment is not apparent.

Door in W. wall 3" fr. SW cor. ^{to R. 326} & 27" above floor measures 23" w. x 30" h. to secondary lintels, 37" to main lintels. It was partly blocked by stones carelessly placed in small amt. of adobe; sand & ash had gathered between these stones & against narrow secondary jambs.

W. wall partly hidden blocked door to R. 326 not mentioned in any field notes.

R. 329-3

T. Dale Stewart counts 24 skulls; 21 humeri —
17 females, 1 male; 6 children

Ventilator, 15" w. x 12" h., in E wall 5" above floor & 23" fr. SE corner was reduced to 8" w. x 11" h. by secondary jambs sloped to retain stone cover.

Fireplace, 19" dia. x 6" h., slab lined & plastered, lies 4'6" fr. S. wall & 6'3" fr. SE corner; its floor is sand only & ill defined.

Burials: Two child burials, 1^(#1923) in SW cor. with pelvis against wall & head to NE; The 2nd ^(#1924) in N middle of room had been made on floor. Over these bodies sand & debris of occupation to depth of 14" was spread thruout entire room. Upon this fill, ²² ~~23~~ additional bodies of adults & children were found. All had been disturbed; few could be collected as individual skeletons; Their bones were scattered in complete disorder. Fragments of woven rush matting were found under several bodies; about one, ⁽¹⁸⁷²⁾ was observed a sizable cotton garment, too badly decayed for preservation. No sizable turquoise ornament was found in the room which fact suggests ancient grave robbers to account for the disorder; perhaps to explain the like condition noted in Rs. 320, 326 & 330. With the bodies 30 whole pieces of pottery were found; discoidal s.s. jar covers accompanied many of the pitchers. Three bowls, ⁽¹⁹⁰⁸⁻¹¹⁻¹⁴⁾ covered by other bowls, contained vegetable matter.

R. 329-4

In the sandy debris covering floor the following uncataloged specimens were noted: 6 metates; 4 manos; 10 hammerstones; 6 unused pebbles; 3 roughly chipped s.s. jar covers; flint chips & frags of silicified wood; misc. mammal & bird bones. Five additional manos were recovered on the upper layer, among the burials.

It should be noted that the upper portion of NE compartment lies above the burial level. Its SW cor. is post, 35" fr. E wall, 8'2" fr. SE cor. (HBR)

Subfloor test shows base of W wall foundation 42" below floor level; about 10" of sand containing bits of charcoal beneath. North & S. walls rest on 20" h. foundations, mostly adobe mud. Hence R. 329 built against R. 326. R. 329 floor must be later by 12-15".

See West Ch. chs. 36-37 for exterior features.

Room 330 (4 cds)

7/26/24

Situated @ SW end of old 1st type pueblo; S. of R. 329 & E of R. 326 @ W side of West Court.

Measures: N, 12'11"; S, 12'6"; E, 12'9"; W, 12'7". Floor to ceiling poles in SE corner, 8'1".

Masonry of 1st type, plastered. North & S. walls about on W, NE & SE corners are rounded for lower 1/2 by thick plaster. Sandy floor, not traceable thruout room, lies 6'5" below roof level of Kiwa X, next on SE, evidencing that West Court had filled during occupancy of old village. No doors; no wall openings except one possible ventilator, 17" w. x 15" h. with sill @ floor level in middle E wall, probably blocked from outside.

Ceiling beams lay E-W; ceiling poles, imbedded in N & S. walls. Squawbark covered poles, then adobe; over this, a layer of cedarbark & a 2nd adobe surface. When room was partly filled, ceiling collapsed. Portions of ceiling lay flat against N & S. walls; larger beams held ceiling poles & flooring from E wall. In middle room, broken ceiling poles lay close above some of skeletons.

Fireplace, 31" E-W x 27" x 14" d, slabbed & rimmed by 4" of adobe lies 3'4" fr. N wall; 4'10" fr. E side.

R. 330-2

T. Dale Stewart counts 23 individuals (skulls, human)
13 males; 4 females; 6 children

Room fill: After burial of skeletons 22, 23 & 24, room appears to have been briefly used as a dump for debris of occupation formed a 2" layer over floor. Then came a 16" layer of sandy earth in which 20 of the 23 burials had been made; ceiling had fallen upon this 18" deposit. In SE cor., about 4' above floor level, 6" of stratified sand was deposited by rain water after collapse of ceiling & abandonment of room.

Burials: Within 18" of floor, 23 burials had been made; most of them had been disturbed by prehistoric grave robbers before collapse of ceiling. Existing disorder shown by photos. Most of burials were made @ full length on back with head to east or on side with legs slightly flexed. (See Blom's notes & diagram) Traces of reed mats, cedarbark mats, cotton fabrics were noted under or about several bodies; none of these fpts could be preserved. Mortuary offerings of pottery & a few baskets were recovered but most of these had been separated from their respective burials. Several bowls, apparently containing foodstuffs, were covered by smaller, inverted bowls. Many worked pieces of turquoise, shaped for use in mosaics, were

R. 330-3

(1863-64-66)

recovered from NVV quarter; in SE corner, 3 jet finger rings, were found. ^{near Skel. 60} One abalone pendant shows ancient repair by a rectangular inset.

Skeleton 10, ^(No. 1934) lay on back, ^{head E,} with knees elevated & outspread.

Between knees, 28 finely chipped arrowheads, ^(No. 2079) were arranged in triangular pattern; under right pelvis, a bundle of ^{reed-} shafted arrows, ^(No. 2077) photo'd but not in condition to preserve. Bowl 1957 under right knee.

Skeleton 21, ^(No. 1940 - child under 6) lay flexed on floor of adobe-walled ^{bin} in NW corner. Bin measured, inside, 50" E-W x 25"; its E wall is 6" h. x 4" thick; its S. wall, 6" h. x 8" thick. Poles covered this bin & on them, resting on matting, was Skeleton 16 (ad. ♂, near 20 yrs.)

Skeletons 23, ^(No. 1948) & 24, ^(No. 1946) were buried in excavations below floor level.

Subfloor test showed jutting W ~~wall~~ foundations, ^{27" h.} passing under S. wall 27" fr. SW cor.; under N wall, 9" fr. NW corner. Foundation, of rough s.s. blocks laid in abundant adobe, varies in height from 15" @ N to 37" @ S & rests on 7" of sand bearing charcoal bits; then 2"-4" of ash; then 10" of sand bearing charcoal bits with ss. spalls @ base of layer. Clean sand encountered 36"-56" below floor level.

R. 330-4

South foundation varies in height from 16"-27" & rests on a 21" layer of sand bearing ash & occasional adobe chunks; clean sand encountered about 4' below floor level.

Test in SE cor., showed foundations 22" h. resting on a 21" layer of sand containing bits of charcoal & adobe chunks. Clean sand encountered 4' below floor; @ depth of 4'6", a thin lens of gravel.

Finds not cataloged include: 4 fpts of metates; 5 manos & fpts of 6 others; 31 hammerstones; 3 stone jar covers; fpts of 6 s.s. tablets; part of rectangular paint mortar; flint chips & bits of silicified wood; several burned stones, perhaps firedogs; misc. sherds, bird & mammal bones. Among the latter, Dr. Wetmore identifies Golden Eagle (*Aquila chrysaetos*). Also, a ^{ginger} bear claw (*Ursus horribilis*)

Room refilled to provide drainage & thus protect walls.

R. 330-B. Second story E wall stands 18" above its floor level @ S. end; S. wall @ E end stands 3'6" above same level. At SW corner, W wall rises 6' above 2nd story floor level.

Room 331

2 walls

7/12/24

Small room E. of Kiva U.; N. of R. 332; S. of R. 330. Previously unexcavated.
Measures: N., 5'2"; E., 5'; S., 5'2"; W., 5'11". Highest standing walls:
N., 4'1"; S., 4'4"; W., 6'4". (outer S. wall of R. 330)

Masonry: N. wall is 1st type, heavily plastered, with 2nd type repairs in upper half. West wall abuts plaster on N. wall & forms E. side of square inclosing Kiva U.; its masonry, of relatively large blocks of friable s.s., both dressed & unworked, is indefinite but doubtless to be classed as 3rd type. South wall, also indefinite, rests on upper floor & abuts E. & W. walls. East wall, of 2nd type, abuts N. & probably parallels a like, partially razed wall under Kiva U.

Door in E. wall, 2'10" fr. NE. cor. & 7" above floor is 25" w.; blocked.

Opening in S. wall 25" fr. SW. cor. & 13" above floor, is 15" w. x 17" h.

Fireplace in SW. cor., is 16" dia. x 11" d. & unrimmed. A rectangular hole, 22" N-S. x 13" w., cut into floor of NE. corner, had been used as fireplace.

Fill: fallen masonry & blown sand.

R. 331-2

Subfloor: Room floor rested on 14" debris of occupation with debris of reconstruction to undetermined depth below. In former were found, besides cataloged specimens, 2 manos & frags. of 2 others; 1 hammerstone, & several flint chips.

In subfloor portion of N. wall, of 1st type masonry, small s.s. chips were studied in the thick adobe plaster.

An unplastered, 2nd type wall, partly underlying E. wall, abuts lower N. wall 4'6" fr. NW. corner & passes under S. side of room 4'3" fr. SW. corner; base of this subfloor wall not determined. Another 2nd type subfloor wall passes under W. side of room 4'3" fr. NW. cor. & ties with first subfloor wall 4' fr. NE. corner.

Room 332.

2 cards

7/13/24

Small room E. of Kiva U. & S. of R. 331. Previously unexcavated.

Measures: N., 5'4"; E., 6'; S., 5'2"; W., 6'. Walls stand: N., 4'6"; E., 4'3"; S., 7'8"; W., 7'.

Masonry: E. wall, of late 2nd type(?), is composed both of dressed friable & laminate s.s. blocks with a minimum of chinking. South wall is of like construction but contains more chinking. West wall, indefinite but probably 3rd type, abuts S. wall; latter, of good 2nd type masonry, abuts E. wall. North wall, of ruder construction & built on floor, abuts both E. & W. sides. East wall probably parallels a like 2nd type, partly razed wall under Kiva U.

Beams had rested in 2 holes made in W. wall 4'1" above floor.

Opening in N. wall, 26" fr. NW. cor. & about 12" above floor; its jambs are broken.

T-shaped door in E. wall had been blocked. Lower portion, 10 1/2" fr. SE. cor. & 15" above floor, is 18" w. x 18" h.; upper part, 30" w., ~~has 6" offset in each jamb~~ lintels missing.

R. 332-v

Fill: fallen masonry & blow sand.

Finds: Besides cataloged objects, a quantity of misc. sherds, 1 hammerstone, 1 fgt. of dressed s.s. tablet; also, several small bits of turquoise, 1 figure-8 bead & 1 fgt. of shell bracelet - these given to Indian.

Subfloor: Earlier floor found @ depth of 11".

Subfloor wall of good 2nd type masonry passes under N. wall 4'10" fr. NW. corner & joins S. wall 4'7" fr. SW. corner.

R. 332-B? Second story suggested by blocked & plastered door, 22" w., in upper S. wall, 19" fr. SW. cor. & 4'11" above upper floor in R. 332 A. Lintels were gone. Possible door in pre-332 wall.

Abutting outer E. side of R. 332 (@ point 20" S. of its inner SE. cor.) rough masonry extends E. to complete NE. corner of square inclosing Kiva W. base of this short section is on West Court level, in line with sill of blocked T-shaped door.

Room 333.

3 cards

7/10/24

Arbitrarily selected from among previously unexcavated rooms in SW. quarter of ruin; lies E. of R. 120; W. of R. 335. to cp. 12' SW

Measures: N., 13'; E., 16'9"; S., 12'9"; W., 17'1". In NE. corner walls stand 10'2" without trace of beams; in SW. cor., stand 7'6".

Masonry of 3rd type; i.e., neatly dressed blocks of friable s.s. separated by courses, 2 to 4" th., of small laminate blocks. Walls formerly plastered; faint smoke stains near floor. Corners tied.

Door in E. wall 22" above floor & 7'2" fr. NE. corner is 26" w. x 30" h.; partly blocked. Door in W. wall, 6" above floor & 8' fr. NW. cor., is 21" w. @ lintels & 26" w. @ sill x 41" h.; partly blocked. No other wall openings evident.

Bench in SE. cor. is 4'4" N-S. x 35" w. x 14" h.; abuts plastered ~~masonry~~ E. & S. walls. West side of bench faced on outside only; masonry indefinite. Bench hearth = debris of reconstruction.

Fill of fallen masonry & blown sand. Misc. sherds found in lower half; apparent short use as dump. ^{2486 (19.6% EB)}

R. 333-✓

Finds: Besides cataloged objects, 4 metates & frags of 4 others; 10 manos & frags of 12 others; 2 smoothing stones; 17 hammers; 5 frags. of dressed s.s. tablets or "sandak" stones; 2 pebble pottery polishers; frags. of silicified wood & flint chips. Two bits of turquoise matrix & 4 agurite pellets given to workman.

Subfloor: Base of E. wall is 14" below floor; of W. wall, 17" below. Test trenches revealed subfloor foundation, av. 20" w., passing under N. wall 4" fr. NW. cor. & under S. wall 8'2" fr. SW. cor.; tying with E. side of this foundation 7'3" fr. E. side of room & 11'9" fr. NE. corner, is a like foundation, av. 20" w., that passes under E. wall 6'6" fr. NE. corner. Both foundations av. 20" h. & space between them & room floor filled with debris of reconstruction.

The E. face of a 3rd subfloor wall, 21" h., passes under S. wall foundation 17" fr. SW. cor. & under W. wall 31" fr. NW. corner. At latter point, W. wall rests directly upon the subfloor foundation 12" below room floor.

A 4th subfloor foundation, 16" w., meets N. wall foundation

R. 333-3

30" fr. NE. corner & extends thence into room 5'2" where it was raged 26" fr. E. wall. An apparent continuation of this latter foundation, 15" h. & 8" below room floor, abuts S. face of the 2nd foundation 20" fr. E. wall of room & extends southward under SE. bench apparently to pass under S. wall 11" fr. SE. corner.

Room 334.

4 cards

7/18/24

Large room, 4th fr. S. in 3rd tier, SW. quarter of ruin; NW. of Kiva T. & 2nd R. south of R. 335. Previously unexcavated.

Measures: N., 12'9"; E., 16'8"; S., 12'9"; W., 16'8". In NW. corner, walls stand 10'9"; in SE. corner, 11'2". Ceiling height, 12' est.

Masonry of 3rd type, plastered & smoke stained. Corners tied. Stones had been removed from N. wall, 5'4" above floor, to seat poles; similar holes in S. wall & possibly beam holes in E. & W. walls had subsequently been refilled.

Door in W. wall, 13" above floor & 7'5" fr. NW. cor., was 26" w. x 3'10" h. ^{lower 9"} blocked with rough chunks of s.s. & adobe from raged walls.

T-door in E. wall of unusual size. Its upper part, 6'3" fr. NE. corner, is 3'9" w. x 4'7" h.; lower part, 26" w. x 33" h., is 12" above floor. Door thus 7'4" h. with lintels 8'4" above floor. Had been blocked but not plastered over.

A possible secondary door in E. wall, 8'8" above floor & 27" fr. SE. corner had been cut thru finished masonry; its jambs were broken, no measurements.

R. 334-2

1558 (61.6% EB)

Fill: On floor, 30" debris of occupation containing sherds, bird & animal bones. On top this debris, an ill-defined surface was used temporarily; in middle of it, a slab-lined fireplace, 22" dia. x 9" d. Above this surface, additional rubbish half filled room with fallen masonry & blown sand above. Not enough fallen masonry to indicate 2nd story.

Finds: Besides cataloged specimens, the following were noted & left @ ruin: 2 metates, 1 troughed & 1 tabular; 18 manos & frags of 2 others; 2 frags. of thin s.s. door slab; 17 hammerstones; 8 unworked pebbles of pottery-polisher size; 3 frags. of dressed s.s. tablets, perhaps sandal stones; silicified wood frags. & flint chips.

Subfloor: E. wall foundation offset, 20" w. @ N. end, is reduced to 13" w. @ point 9'10" fr. NE. corner.

Test trench on W. side revealed a paved surface, perhaps a floor, 12" below room floor; on this lower surface stands a 2-course foundation, 22" w. x 5" h., W. side of which passes under N. wall 24" fr. NW. cor. & under S. wall 8'8" fr. SW. corner. On E.

R. 334-3

side of this foundation, test hole thru lower surface shows ashy fill containing adobe chunks, s.s. spalls & a few sherds to depth of 15". On same surface, a wide foundation 26" w. x 28" h., abuts E. wall 9'10" fr. NE. cor. & extends thence to meet 2-course foundation 12' fr. NE. corner; its top approaches temporary surface above 30" fill.

Bird bones fr. R. 334 identified by Dr. A. Wetmore:

Red-tailed & Swainson's hawk, mixed (*Buteo* sp.)

Great Horned Owl (*Bubo virginianus*)

Raven (*Corvus corax*)

Red-tailed hawk (*Buteo borealis*)

Prairie Falcon (*Falco mexicanus*)

Wild turkey (*Meleagris gallopavo*)

Swainson's hawk (*Buteo swainsoni*)

Golden eagle (*Aquila chrysaetos*)

Ferruginous rough-legged hawk (*Archibuteo ferrugineus*)

R. 334-4

Animal bones identified by N.W. Shamel:

- Rabbit (*Lepus californicus*)
- " (*Sylvilagus auduboni*)
- Bobcat (*Lynx baileyi?*)
- ~~Wildcat (*Lynx*)~~
- Red fox (*Vulpes* sp.) *macrourus*
- Gray fox (*Urocyon cinereoargenteus*) - 3 skulls.
- Mule deer (*Odocoileus hemionus*)
- Antelope (*Antilocapra americana*)

Bones identified by Dr. Glover M. Allen, Harvard Mus.:

- 3 Coyote ~~skulls~~ ~~vertebrae~~ (not) other bones.
- Indian dog skull (")
- 2 Red fox skulls & leg bones - broken (*Vulpes*)
- Gray " skull (*Urocyon*)
- Wildcat (*Lynx baileyi?*)

Room 335.

³ ~~corners~~

A₁ in lower room

7/28/24

Lies E. of R. 333; S. of R. 23. Previously unexcavated.

A₁ Measures; N., 12'9"; E., 17'1"; S., 12'7"; W., 16'11". In NW. cor., broken walls stand 9'6"; in SE. corner, 9'3". To cp. 6' ext.

Masonry is finest 3rd type in ruin - dressed friable s.s. blocks of such uniform thickness as to suggest deliberate selection; separated by bands, 4-7 courses thick, of small laminate blocks many of which had been smoothed on face.

Original beam holes not evident. Ceiling height @ 6' ext.

A₁ Door in E. wall, 10" above floor & 7'8" fr. NE. corner, was 24 1/2" w. x 4'5" h.; blocked by rude masonry. Door in W. wall, 13" above floor & 7'10" fr. NW. cor., was 24 1/2" w. x approx. 3'9" h.; lower 9" was blocked. ~~Over~~ ^{above} this blocking, a 6" layer of ashly debris; above this, door rudely blocked.

A₁ Secondary floor indicated by 4 beam holes cut in masonry of both E. & W. walls 5'4" above floor; 3 courses of small laminate blocks had been removed fr. S. wall as seating for ceiling poles. ^{6' ext.} No comparable holes in N. wall.

R. 335-2

A2 ceiling height, 5'7" est
measurements same as in A1

A2 ^{above upper} Above secondary floor, door in E. wall 7'9" above floor & 19" fr. SE. corner. A possible ventilator in W. wall of original room, 6'10" ^{18" above secondary floor} above floor & 12" fr. SW. corner, had been converted into a door 27" w.; its S. jamb still stands 31" h. Broken areas in middle E. & W. walls.

^{slab} Fill: lower 2 ft. chiefly blown sand containing a small quantity of sherds; above this sand, 3 ft. debris of occupation containing discarded tools, bird & animal bones. This debris came to level of secondary beam holes, half filling that in NE. corner. Total sherds: 8545 of which 56.3% are LB; 23.3%, OB.

^{dump} Finds: Besides cataloged specimens, the following were noted & left in the room: 2 metates & frags. of 3 others; 23 manos & frags. of 4 others; 22 hammerstones; 5 unworked pebbles of pottery polisher size; 2 smoothing stones; frags. of silicified wood; 1 frag. of stone tablet with red paint on 1 side; 1 s.s. jar cover irregularly discoidal & not smoothed; misc. flint chips.

R. 335-3

Subfloor: Base of N. wall masonry lies 13" below floor; that of S. wall, 8" below.

East face of a subfloor foundation, 19" th., passes under N. wall 12'6" fr. NE. cor. & under S. wall 4'7" fr. SE. corner. Between this wall & SE. cor. & extending out 2 ft. from S. wall is mud fill of irregular s.s. blocks in adobe.

A 2nd subfloor foundation, 18" th., joins W. side of first 5'7" fr. NW. cor. & passes under W. wall 5'11" fr. same corner.

Bird bones fr. R. 335 identified by W. A. Wetmore:

Hawk (*Buteo* sp.)

Raven (*Corvus corax*)

Mammal bones identified by H. H. Shamel:

Mt. Sheep (*Ovis canadensis*)

~~dog~~ coyote (*Canis lestes*)

Antelope (*Antilocapra americana*)

Beaver (*Odocoileus hemionus*)

Badger (*Taxidea taxus*)

Dr. Glover Allen identified 2 coyote ^{*Canis lestes*} vertebrae; 1 badger ^{*Taxidea taxus*} skull.

Room 336.

3 cards

250 Aug. 25 1924

7/28/24

Small kiva had been built against R. 336; masonry of which was removed & placed over. One ft. or less on this floor.

Remodeled dwelling E. of R. ^{106;} 23; S. of R. ^{23;} 106; NW. of Kiva W.
Not previously excavated. (From Pepper's description, R's are reversed on Hyde plan)

Measurements: N., 14'3"; E., 16'; S., 14'4"; W., 13'4". Present walls stand 9'2" in NW. corner; 6'8" in SE. corner. Ceiling height, 12' est.

Masonry of 3rd type construction, i.e., dressed, friable s.s. blocks in courses with laminate & small, dressed blocks of friable s.s. between. East wall abuts N.; other corners tied. Seatings for beams & ceiling poles not evident in broken walls. Walls had been plastered & smoke stained.

Door in W. wall, 4" above floor & 6'5" fr. NW. cor., was 25" w.; had been blocked & N. jamb partly lost in repairs; lintels not seen.

Large T-shaped door in E. wall: Lower portion, approx. 17" above floor & 7' fr. NE. cor.; 10" w. offset 29" above sill. Upper N. jamb continues to broken top of wall, 7'2" above floor; S. jamb lost with fallen masonry. Door had been blocked from R. 336, opened upon W. cor. before construction of Kiva W. No other doors or ventilators evident. Prob. 7'4" h. as in R. 334

Triangular bin in NE. corner formed by built-in wall, 16" thick

R. 336-2

resting on floor & abutting N. wall 9' fr. NW cor.; E. wall 11' fr. SE corner. Face of bin rises 18" to 10" setback then 5" higher. Within, bin is 3'7" on N; 3'9" on E; was filled with blown sand & fine wood ash. HBR gives depth as 23".

Oval, masonry lined fireplace 29" E-W x 22" x 9" deep + a 5" w. adobe rim above floor; inner curve is 5'4" from middle S. wall & 6' fr. middle W.

Depression in floor @ SE corner is 15" on S x 17" on E x 2" deep; unrimmed.

Fill: mostly sandy earth; very little debris; fallen masonry does not indicate 2nd story.

Finds: 1 short trough metate, 1 mano & small lot misc. sherds left in room.

Above features belong to room as remodeled following razing of small kiva built ⁱⁿ upon floor of original room, ~~with floor 9" below that above.~~

R. 336-3

Re-written & rearranged

Subfloor kiva built in original room, abutting its 4 sides, with floor 9" below that of remodeled room that followed its razing. Kiva walls av. 12" th.; inner curve is 10" fr. middle N & W walls; 17" fr. middle front of NE corner. Kiva is 11'8" in dia.; its adobe floor spread upon a 1" layer of shale. Walls razed to last 2 courses.

South recess 6' w. in front, 8'7" @ rear, is 32" deep on E & 35" d. on W. West front is 5'10" fr. SW cor.; W rear is 3'9" fr. SW corner. On floor of recess lay a jet carving of a toad (No. 2092).

Subfloor ventilator duct, masonry lined, 20" w. x 40" deep, with N. end 4'7" fr. back of recess passes under latter with its inner E side 5'5" fr. SE cor. of room. Poles roofed duct 3' above its floor (4" below kiva floor); indicated vent @ N. end of duct, 20" x 13" N-S.

Masonry deflector, 28" E-W x 15" th. x 4" h., stands 5" N. of duct end.

R. 336-4

Repository box (?), masonry lined, 15" sq. x 9" d. (9" below that of kiva) abuts N. side of deflector with E side in line with that of ventilator duct. (Box underlies oval fp.)

Fireplace, masonry lined, 29" E-W x 27", in kiva floor with inner S. side 7'8" fr. rear of S. recess; inner W. side 5'10" fr. W. side of room.

Ventilator shaft, 17" E-W x 12" inside, rises in unnumbered R. next on S., its N. side 3'8" from inner S. wall of R. 336.

Lower subfloor walls: At NW corner ^{of room} kiva wall rests upon, & rises slightly in crossing, a partly razed wall, ^(prob. 3rd - 4th type) S. face of which abuts W side of 336 8" fr. its NW corner & apparently abuts E. side 5'3" fr. NE corner. This wall rests directly upon a ^{partly} razed 2nd type wall 21" th. that ^{emerges from} passes under N end of room 16" fr. N.W. cor. & was razed 6 1/2' fr. N. wall when ventilator duct ^{of introduced kiva} was built. A companion wall, 25" th., & razed 3' above its associated floor

3rd type

2nd type

R. 336-5

passes under W side of room 12'1" fr. N.W. cor. & likewise was razed upon construct. of vent duct (@ point 11' fr. N. end of 336) Floor associated with this 2nd type wall lies 4'7" below that of R. 336 but wall masonry continues 17" further, to 6' below that of 336.

Room 337.

1/2 cut

Aug. 1924

At extreme SW. corner of ruin; S. of R. 124; W. of R. 338. Numbered 125 on Pepper plan but previously unexcavated.

Measures: N., 8'4"; E., 9'8"; S., 8'6"; W., 9'11". Broken walls stand: N., 11'6"; S., 3'11"; W., 4'8". Ceiling height, 10'10" ^{at} est.

Masonry of 3rd type altho N. wall & N. 1/2 of E. of squarish blocks with laminate courses mostly absent. Fully 50% of friable s.s. blocks are not dressed. All corners tied. West end of N. wall, rebuilt by Wetherill, overlies partly razed W. wall. Beam holes not evident.

Door in E. wall 2'10" above floor & 3'8" fr. NE. corner is 26" w. x 3'8" h. x 26" across sill.

Fill chiefly of fallen masonry & blown sand.

Finds: small quantity of sherds & a few bird bones.

Subfloor E-W. trench shows wall foundations resting on a pavement 7" below floor. Stratified sand & adobe below. No subfloor walls.

Room 338.

1 card

Aug. 1924.

In S. tier, between R's. 337 & 339. Numbered 126 on Pepper plan but not previously excavated.

Measures: N., 12'11"; E., 9'9"; S., 13'; W., 9'10". Broken walls stand; in NE. cor., 11'8"; in NW. cor., 12'3". South wall av. 3'5" h.

Masonry of 3rd type but less characteristic than others in SW. quarter. Split cedar from fallen ceiling lay pressed against N. wall.

Door in N. wall 2'7" above floor & 5'6" fr. NW. cor. is 2'3" w. x 3'8" h.

Door in W. wall 2'9" above floor & 4'5" fr. NW. cor. is 26" w. x 3'8" h. x 26" across sill.

Fill of fallen masonry & sand.

Subfloor test shows S. wall foundation, of large unworked s.s. blocks 12" h., projects 9" into room; it rests in trench, 12" wider than foundation, cut thru earlier surface on which E. & W. foundations rest.

Mammal bones identified: Mule deer (*Odocoileus hemionus*); bob cat (*Lynx*)

Room 339.

1 card

Aug. 1924

In S. tier, 3rd room fr. SW. corner; between R's 338 & 340. Numbered 127 on Pepper's plan but not previously excavated.

Measures: N., 13'7"; E., 9'6"; S., 13'6"; W., 9'7". Broken walls stand; in NE. corner, 9'7"; in N.W. cor., 10'. South wall averages 4' h.; had fallen outward.

Masonry of 3rd type. As in R's 337 & 338, no trace of plaster. Corners tied. Friable s.s. in N. wall above door had weathered & fallen.

Door in N. wall 14" above floor & 5'11" fr. NW. cor., is 27" w. x 3' high.

Subfloor E-W. trench shows hard, even surface 7" below floor @ E. end & 15" below @ W. end of room. Beneath this pavement is a 2 ft. thick layer of debris of reconstruction; stratified sand below. No subfloor walls.

Fill of fallen masonry & blown sand; above this, earth & stone thrown from excavated room next on N.

Finds: Small lot of sherds; bird & mammal bones.

Room 340.

2 cards

Aug. 1924.

In S. tier, 4th room fr. SW. corner. Not previously excavated altho marked R. 128 on Pepper's plan. Wrong identification. Measures: N, 15'3"; E, 9'4"; S, 16'3"; W, 9'4". Broken walls stand: in NW. cor., 6'5"; in NE. cor., 5'2". South wall has settled outward; floor is 3'2" above top of S. foundation.

Masonry of 3rd type, i.e., bands of uniformly thick, dressed blocks of friable s.s. separated by courses of small laminate blocks. West wall, superior in construction to others, continues northward as tho formerly a court face. North wall abuts W.; E. wall abuts plaster on S.; NE. & SW. corners tied. Walls had been plastered & whitened; plaster has mostly fallen. Storeroom.

Door in E. wall, 3'7" fr. NE. cor., has jambs extending to foundation but sill is 9" above floor. Original width of 26" was reduced to 17" by secondary jambs to support door slab inclined fr. R. 341 on a secondary sill approx. 21" above floor.

Fill: blown sand & fallen masonry. Split cedar of ceiling lay pressed against N. & S. walls; traces of rotted beams.

R. 340-2

Finds : Besides cataloged specimens the following were noted & left in room: 2 hammerstones; several flint flakes & frags silicified wood; misc. mammal & bird bones.

Subfloor test shows N. wall resting directly upon partly razed, plastered wall of 3rd type kiva inner face of which passes under N. wall 11'2" fr. NE. corner & under E. wall 6'4" fr. NE. cor. Foundation of N. wall extends to kiva floor & abuts kiva wall; E. foundation, offset 14", also extends to kiva floor, abuts & overlies partly razed kiva wall. Kiva filled with debris of reconstruction; in this, small quantities of floor sweepings including occasional sherds & mammal bones. South wall apparently inclosed subfloor kiva.

Room 341.

2 cards

Aug. 1924.

In S. tier, 5th room fr. SW. corner; between R's 340 & 342. Previously unexcavated altho marked R. 129 on Pepper's plan.

Measures: N., 14'3"; E., 9'6"; S., 13'8"; W., 9'7". Broken walls stand: in NW. cor., 5'4"; in NE. cor., 4'10". South wall had fallen outward; stands 17" above floor in SW. cor.; flush in SE. West & E. walls about S.; NW. & NE. corners tied.

Masonry of 3rd type, plastered.

Door in E. wall, 4 1/2" above floor & 3'7" fr. NE. cor., is 23" w. & 23" across sill; jambs reach to broken top of wall 37" above sill. Latter formed by hewn plank. Door blocked & plastered over.

Door in W. wall, flush with floor & 3'8" fr. NW. corner, is 26" w. x 3'10" h. x 25" across sill. Had been blocked to height of 22" where a 2nd sill slab was introduced & inserted in jambs.

Secondary jambs, av. 4" thick & set back 11" fr. wall face, extend to present height of broken wall as supports for door slab inclined fr. room³⁴¹ & reducing width to 18".

R. 341-2

Subfloor tests show W. wall overhangs its foundation 10".

Plastered face of 3rd type kiva noted in R. 340 passes under W. wall 6' fr. NW. cor. & under N. wall 11'8" fr. NW. corner. Kiva wall, 25" thick, shows upper 12" offset 12"; is plastered & lightly whitened; had been razed to within 5' of bench @ SE; @ N. & E., walls of room rest directly upon kiva wall. Bench lies 8'5" below room floor; was 22" w.; had been partly razed, pilaster logs apparently removed. As noted in R. 340, kiva filled with debris of reconstruction.

Among bones found, the following were identified by Dr. Wetmore:
Red-tailed hawk (*Buteo borealis*); Golden eagle (*Aquila chrysaetos*);
Ferruginous rough-legged hawk (*Archibuteo ferrugineus*).

Mammal bones identified by Shamel: Bobcat (*Lynx*).

Room 342.

2 cards

Aug. 1924.

Between R's 341 & 343; SW. of Kiop 130. Previously unexcavated.

Measures: N., 5'8"; E., 9'2"; S., 6'7"; W., 9'4". Broken walls stand: @ NE. cor., 6' h.; @ NW., 6'8". South wall averages 3' h. but facing has fallen.

Masonry of 3rd type with upper 1/2 of N. wall built entirely of dressed friable s.s. blocks. West wall abuts S.; E. wall abuts N. & S.; NW. corner tied. Plaster on N. & E. walls rounds off with floor.

Door in W. wall, 23" above floor & 3'6" fr. NW. cor., was 26" w.; E. jambs extend 3'2" to broken top of wall; sill is thin s.s. slab. Blocked.

Door in E. wall, 7" above floor & 3'2" fr. NE. cor., was 22" w. x 3'4" h.; a 1" dressed pine board forms sill. Blocked from R. 343 leaving 9" d. recess in R. 342.

Fill of fallen masonry & blown sand.

Finds: 1 mano; small lot of sherds.

Subfloor: Earlier floors noted @ depths of 18" & 24". Foundation offset of N. wall is 7" below earliest (24") floor; foundation extends 23" below offset. East wall foundation, 11" h., abuts 12" h. foundation of S. wall. Upon lowest floor is 3" layer debris of occupation;

R. 342-2

W. wall foundation, 9" h., rests upon this debris.

Subfloor foundations immediately underly lowest (24") floor. One, 20" w. x 19" h., passes under S. wall 3'8" fr. SE. corner & as a wall 18" w. x 23" h., abuts N. wall foundation, partly overlies its offset & abuts masonry above 4'8" fr. NE. corner. A like foundation, 21" w. x 17" h., passes under E. wall 9" fr. SE. cor. & apparently abuts the other subfloor wall 17" fr. S. wall & 4'4" fr. SE. corner. South of this subfloor structure, the E. wall has no foundation.

Room 343.

2 cards

Aug. 1924.

Between Rooms 342 & 344; S. of Kiva 130. Previously unexcavated. Abandoned dwelling, reduced to accommodate ventilator shaft for Kiva 130.

Measures, original room: N., $14'8''$; E., $8'4''$; S., $15'$; W., $8'10''$. These dimensions reduced to $5'4''$ on E. & $5'11''$ on W. by secondary N. wall.

Masonry of 3rd type, plastered & whitened. Secondary N. wall, of large blocks of both dressed & undressed s.s. without chinking, abuts E. & W. walls; is faced on S. side only & remains unplastered. Space between orig. & secondary N. walls divided into 4 compartments, each filled with sandy earth. Westernmost of these measures $35''$ E-W. x $24''$ inside; its N. & W. sides retain the whitened plaster of orig. room. Second compartment, separated fr. 1st by rough partition $15''$ thick, measures $43''$ E-W. x $24''$. Upper part of former N. door, $24''$ w., is noted in this section $4'8''$ fr. NW. cor. of orig. room. (N. side of door blocked by Kiva 130) Third compartment (separated fr. 2nd by $20''$ thick wall faced on E. side only) is $16''$ square ventilator shaft of Kiva 130. North wall of shaft is that of original room. Fourth compartment, separated fr. 3rd by $12''$ thick wall faced on

R. 343-r.

W. only, is $37''$ E-W. x $27''$; its N. & E. walls are those of original room.

West end of secondary N. wall stands flush with N. jamb of a blocked W. door, $19''$ w. x $28''$ h., with sill @ floor level; door had been plastered over with last wall surfacing. East end of secondary N. wall abuts former E. door, blocked & plastered over, S. jamb of which is $19''$ S. of built-in wall. South side of room had fallen.

Floor is $35''$ above that in R. 344. on $6'6''$ est. to ap.

Subfloor tests show original floor @ depth of $35''$; base of S. wall masonry @ same level. Secondary N. wall foundation rests, $17''$ below upper floor, on mixed debris of occupation & reconstruction. A plastered wall, $9''$ th., & raged to within $20''$ of orig. floor, parallels E. wall @ distance of $24''$. Fireplace in middle of lower floor had been surfaced over. Stone sill of blocked W. door is $20''$ above orig. floor.

Below orig. floor, subfloor foundation, $20''$ w., passes under N. wall $6'6''$ fr. NW. cor. A like foundation, $23''$ w., extends E-W; its N. face meets W. wall foundation $6'6''$ fr. NW. cor. & extends E. $6'8''$ to meet 1st foundation $7'3''$ fr. N. wall of room.

secondary

indicated
R. 342

Room 344.

2 cents

Aug. 1924.

Between R's 343 & 131; SE. of Kiva 130. Previously unexcavated.

Measures: N., 11'11"; E., 8'3"; S., 11'2"; W., 8'8". Broken walls stand: @ NW., 5'10"; @ NE. cor., 5'7". South wall, collapsed outward, averages 40" h.

Masonry is 3^d type altho courses of laminate s.s. blocks are less regular than usual. Large blocks predominate in N. wall; E. wall, less carefully built, abuts plaster on S. wall & ~~is plastered~~ N. wall. West wall abuts N. & S.

Door in W. wall, 26" above floor & 33" fr. NW. cor., was 21" w. x 32" h.; had been blocked fr. R. 343, leaving 12" recess. Door in N. wall, 2'8" above floor & 6'4" fr. NW. cor., was 23" w. with jambs rising 3'8" to broken top of wall; door is blocked.

1) T-shaped door thru E. end of N. wall: lower part, 23" w., is 1" fr. NE. cor. with jambs continuing below floor level. West jamb shows 6" w. offset, 23" above floor, later filled with masonry; both original & later jambs had been plastered. East offset hidden by abutting E. wall, likewise filled by masonry, reducing ^{width} upper portion of door to 24" w. Door subsequently blocked from N., presumably

R. 344-2

when Kiva 130 was built, leaving a 10" d. recess in room.

Decayed remains of hewn plank lintels show 4' above floor.

With all doors blocked, R. 344 must have been entered thru ceiling hatchway, as in R. 343.

Fill: of fallen masonry & blown sand.

Finds: 3 manos; 1 ft. of metate; 1 hammer; several flint chips; misc. sherds; small quantity of deer & turkey bones.

Subfloor test revealed no foundations under floor.

Room 345.

1/cont

Sept. 5, 1924.

Possible room S. of R's 156 & 157. Previously unexcavated.

Measures: E., 7'; West wall not evident. East wall stands 50'5" fr. N-S. wall @ outer SW. cor. of R. 153. North wall stands 5' high.

Masonry, indeterminate. East wall, 10" th. & without foundation, stands to height of 29" above N. wall offset. It may have been a buttress for it takes outward slant of N. wall, & showing latter had settled, previously. South wall, traceable only in part, has no foundation.

Floor or pavement, hard & darkened by ash, dips slightly @ N. & passes under N. wall 5" below offset.

Fill: Fallen masonry & blown sand; upon this, earth & stone thrown from R's 156 & 157.

Room 346.

1/cont

Sept. 5, 1924.

South of & adjoining R. 158. Previously unexcavated.

Measures: N., 21'5"; E., 6'6"; S., 22'; W., 7'2". Broken walls stand: @ NE. cor., 6'.

Masonry of banded 4th type in N. & E. walls; W. wall of same type but cruder. NE. corner tied; @ SE. cor., masonry block 9 1/2" h., abuts outer SW. corner of R. 159. South wall, mostly fallen; represented @ W. end by single course of masonry; @ E. end, is 11" h. x 13" w. & of degenerate 4th type.

Floor lies 8" below N. wall foundation offset; W. & S. walls stand, without foundations, on this floor.

Subfloor: An earlier pavement lies 15" below floor & 8" below N. wall foundation.

Room 347.

5 cards

7/6/26

A terrace fronting R. 324, between R. 348 & Kiva Z (Pepper's wrongly identified Kiva 67). Area not previously excavated.

Resting on terrace surface in front of door to R. 324 & 29" fr. NW. cor., is masonry step 21' w. x 27" E-W. x 5" h. Foundations of N. wall, 8" h., stands on same level as step; foundation offsets 6" as it abuts W. wall but retreats under masonry 11' fr. NW. cor. Whitened plaster is traceable on N. wall above its foundation.

Sub-floor kiva. Immediately underlying the terrace is the 2nd type kiva noted in R. 324; its plastered inner face emerges from under W. wall of ~~R. 347~~ 37" fr. NW. of R. 347 & passes under N. wall 20" fr. N.W. corner. Its partly razed outer curve passes under N. wall 5' fr. NW. corner.

A sub-floor, 2nd type room is indicated by a fragmentary wall, 12" th., which rests directly upon the partly razed, outer curve of the sub-floor kiva just mentioned. The inner,

R. 347-2

see NGS. Neg. 38994A

or E., face of this wall, plastered & slightly concave, passes under N. wall foundation 35" fr. NW. cor. of R. 347; its associated floor, 24" below the terrace surface, was broken thru 3' to E. & is now missing beyond that point. Imbedded in this floor, against its W. wall & directly beneath the N. wall of R. 347 are 2 posts, 3" dia., whose function is not apparent. The broken S. end of this sub-floor wall, 2'9" fr. W. wall of R. 347 & 7'7" fr. its N. wall, is abutted by the rude outer wall of R. 348. The angle formed by these walls is occupied by a block of plastered, 2nd type masonry 15" E-W x 12" w., the E. end of which abutted a 10" dia. post formerly standing @ outer W. jamb of N. door to R. 348.

Fill: ^{below} Beyond the broken E. floor of the associated with this 2nd type, sub-floor wall is a deep fill of blown sand mixed with debris of occupation & reconstruction. In this fill hard-packed surfaces are evident @ depths of 5", 17"; 2'8"; & 3'3", respectively, below base of N. wall foundations.

R. 347-3

Same depth as 1st type kiva under 2-C wall slope would be . . .

In this fill, 3 superimposed kivas are noted, of 1st, 2nd, & 3rd type masonry.

(1) The lowermost is of characteristic 1st type masonry; its wall, 12" th., is heavily plastered & smoked. In the 7 ft. arc exposed, the curve is 8" from line connecting the 2 extremes. The wall was razed to within 4' 10" of its bench & in this height slopes outward - 14" fr. the ¹³⁰perpendicular. The upper, inner face passes under N. wall of R. 347 7' 2" fr. its NW corner & under N. wall of R. 348 5' 3" fr. W. wall of R. 347. The bench, 36" w., lies 9' 3" below R. 347 floor level; on bench, in middle of exposed arc, is a plastered masonry pilaster 8" w. x 6" h. x 36" l. Resting directly upon pilaster is an exposed log, 5" dia., inner end of which was imbedded in the kiva masonry while the outer end rested upon a 4" dia. post imbedded in bench masonry 2' 5" from kiva wall. Height of bench not noted; exposed surface is heavily plastered & smoked; front edge is rounded & 3" higher than rear.

Indicated dia. \approx 17" on floor, 23" on bench

R. 347-4

Two E-W. logs rest upon the partly razed, 1st type kiva wall as a support for the N. wall of R. 347; a 3rd log, just below the other 2, lies N-S against the inner kiva curve.

(2) Overlying the front edge of the 1st type kiva bench is the roughly constructed outer curve of a 2nd type kiva. This wall is 20" th.; its inner face, in the 6' 7" arc exposed, curves 4" from a straight line connecting the 2 ends. The N. end of this arc lies 28" fr. the outer SE. cor. of the kiva 7. square & 15' 3" fr. NW. cor. of R. 347; S. end of arc lies 9' & 12' 9", respectively, from same 2 points. The N. wall of R. 348 abuts outer curve of this kiva. An above-bench dia. of \approx 21' is indicated.

(3) Overlying the partly razed wall of this 2nd type kiva is the previously excavated but unnumbered kiva shown on the groundplan published by Pepper & which is unquestionably, from his own description, his wrongly located Kiva 67. In this 3rd type chamber we exposed ~~only~~ an arc 23' 4" l.;

R. 347-5

The N. end of this lies 5'11" fr. outer SE. cor. of Kiva T. square & 17'11" fr. NW. cor. of R. 347; its S. end is 29'4" & 35'7", respectively, from the same 2 points. After casual examination of the masonry exposed, we refilled this kiva as a protection for its disintegrated stonework. Pepper shows photo of excavation.

Sub-floor finds: Among the subfloor artifacts not cataloged are: 1 bone awl fgt.; 1 arrowpt. fgt.; 1 unfinished sherd scraper; 3 agurite pellets; 2 olivella beads; 1 discoidal bone bead; 3 discoidal, undrilled pieces of turquois. Beads & turquois added to our misc. collection.

Room 348.

5 cards

Can R. 348-49 be replacement for Pt. Type across R. 348?

6/24/26

Trate, semi-subterranean room on W. side of West Court, fronting R. 327; S. of, & below, terrace R. 347. Not previously excavated.

Measures: N., 8'2"; E., 5'10"; S., 8'; W., 6'5". In ~~inner~~ NW. cor., masonry rises fr. floor 4'2" to R. 347 terrace; 3rd type masonry @ outer SE. cor. of R. 324 rises 3'2" higher. In SE. cor. of R. 348, walls stand only 37" high. Inner NW. cor. is 8'1" fr. NW. cor. of R. 347 & inner NE. cor. is 12' fr. same angle.

Masonry is indeterminate; includes both laminate & friable, dressed s.s. blocks salvaged from razed walls. Joints chinked. N. & S. walls abut W.; S. half of latter has settled inward 8" fr. perpendicular. All walls smoked & heavily plastered; 9 coats counted on S. wall. Smoke-stained masonry shows fires burned in room before 1st plaster was applied. Last coat on S. wall was whitened. Average wall thickness: N., 16"; S., 10" — both finished on inside only; E., 17".

In W. wall, vertical posts, 3" dia., were imbedded in masonry 5" & 5'6" fr. NW. cor. with butts 4'3" above floor.

R. 348-2

Below these posts, large dressed friable s.s. blocks, chinked & partially plastered over, suggest effort to strengthen weakened masonry. Upper S. 1/2 of this wall is good 2nd type masonry; N. 1/2 is indefinite & joins the 3rd type stonework of outer E. wall of R. 324.

Designs in plaster: Cross-hatched designs scratched in outer coat of upper E. & S. walls; a T-shaped figure, 1 3/4" h. x 2" w. @ top, in next to last coat on S. wall, above E. side of central opening; a left human hand outlined in next to last coat, N. 1/2 of W. wall.

Bench against E. wall & abutting N. is 14" w. x 2'10" h. x 5'2" l.; front edge battered.

Fireplace 18" dia. x 6" d., plastered but unrimmed, lies 2'6" fr. S. wall & 17" fr. E.; filled with fine wood ash, sand covered.

Fireplace, 3'11" fr. SW. cor., is 10" w. x 16" E-W, ^{11" deep} is slab-lined with slabs rising 1" above floor; adobe rim, 1 1/2" h., on E. side only. Inner S. face is 3" fr. S. wall of Room; 3 burned s.s. blocks as fire dogs.

North wall: Opening, 7" fr. NE. cor. & 2'4" above floor, is 37" w.; jambe, plastered & smoked, broken down to 4" on E., 14" on W. 10" dia. post stands outside W. jamb.

R. 348-3

West wall: Door, roughly blocked & plastered over, 20" fr. SW. corner, is 26" w.; lintels lie 2'7" above floor which conceals sill.

Opening, 6" fr. NW. cor. & 9" above floor, is 7" w. x 10" h.; flush with its S. jamb is a 5" dia. post imbedded in wall masonry.

South wall: Pocket, ^{wide} 2" fr. SW. cor. & 2'4" above floor, is 9" w. x 3 1/2" h. x 6" d.; inside plastered & smokestained. Ventilator, 4'3" fr. SW. cor. & 5" above floor, is 10" w. x 13" h.; it connects with shaft in NW. cor. of R. 349. Ventilator, flush with SE. corner @ floor level is 9" w. x 11" h.

Sub-floor vent., 10" w. x 15" N-S. & masonry lined, passes under S. wall 17" fr. SE. corner. Inclined into vent. fr. W. side is former cover, a s.s. slab 12" w. x 14" l. x 1" thick, now broken. Floor E. of vent. is supported by large s.s. slab with edge imbedded in S. wall.

Fill consists of sandy sand containing both debris of occupation & reconstruction; thus R. 348 was used as a dump.

Finds: 3 manos, 6 hammers, handful of flint & obsidian chips, 1 heavy, grooved maul, misc. deer & rabbit bones. One of manos notched @ sides for finger grips. Also: 4 fpts bone awls; 2 squash stems

R. 348-4

Sub-floor. Original floor lies 2' below upper, separated from it by blown sand & debris of reconstruction. South wall built on this fill. North wall has no foundation.

West wall: Door 20" fr. SW. cor., has sill 17" above orig. floor; total height above sill, 3'7". Door rudely blocked; unplastered ^{below} upper floor. Opening 1) 8" sq. @ lower floor level is 19" fr. NW. cor. & apparently extends into R. 327. Immediately above this one is another opening 2) 8" w. x 9" h. with stone sill 18" above lower floor. The upper floor, here 2'6" above lower, concealed both these former openings. West foundation rests, 9" below lower floor, on sand containing charcoal & clay pellets.

East wall: On smokestained plaster below upper floor is ^{see} geometric design in white. Ruined foundation is 14" high & rests on fill of blown sand & mixed debris.

South wall: Vent. in SE. corner connects, both above & below upper floor, with duct leading to shaft in SE. cor. of R. 349.

R. 348-5

Fireplace, circular & about 2' dia., slab lined, lies in lower floor with $\frac{1}{2}$ underlying S. wall 2' fr. SW. corner.

Sub-floor: The E. face of a crude, roughly plastered wall, av. 8" thick, passes under N. wall 21" fr. NE. corner. It slopes upward & outward ^{to} N. wall rests directly upon it; connecting floor not exposed. Eastward from this sub-floor wall is mixed debris on which E. wall foundation stands.

Finds above orig. floor: 2 manos, 2 hammers, 2 unworked s.s. balls, misc. sherds & deer bones, fgt. of potsherd scraper, fgt. of arrowpt., fgt. of shell bracelet, fgt. of worked bivalve, 3 olivella beads, 4 disc. shell beads & 1 of slate, 6 unworked azurite pellets. Beads & pellets placed in 1926 misc. finds; remainder left in room. A corrugated coil cooking pot (#2347 - Mus. # 336551) buried under upper floor for storage, dates the room as late.

Room 349.

2 ch.

6/25/26

Subterranean 1-story chamber abutting plastered E side of Rooms 327-328; originally part of R. 348.

Measures: N., 8'; E., 4'7"; S., 5'7"; W., 4'8". Ceiling @ 6' est.

Masonry: Generally typeless & rude; built of salvaged blocks. W. wall, lower 3'4" of crude construct. & smoke-stained; upper part, of good 2nd-type masonry, smoothly plastered. N wall, av. 10" th., is rough, unfinished; bldg. blocks protrude irregularly; @ NW cor., stands 5'11" to last utilized level of R. 347. S. wall, smoked but unplastered, av. 11" th.

Ventilators: S. wall, 3'3" fr. SW cor., 15" w., lintels 2'2" above floor; sill not noted.

Ventilator duct: Rude wall av. 5" th., faced on E side only, abuts N side of 349 & parallels E side @ 9" connecting 9x11" vent @ floor level, SE cor., R. 348, with 9" sq. shaft in SE cor. of 349; 9"-w. duct covered (@ height of) 4'5" ^{around floor} with s.s. slabs.

Ventilator shaft, 10" dia., finished on inside only, rises in conical mass of large, irreg. s.s. blocks, NW corner. Mass is approx. 3'4" dia. @ floor x 5'9" h.; shaft connects with 10x13" vent. 5" above floor & 4'3" fr SW cor. of R. 348.

R. 349-v

Beam hole: W wall, 3" fr. SW corner, 5'7" above floor, 8" dia.

Fill: Ash-stained floor is 2' below that of R. 348; is overlain by 6" of fairly clean sand, then debris of demolition to wall top.

Room 350.

Neg. 31997A (OCH, 1925)

1925

Sunken room @ S. end of West Court; not previously excavated. Revealed by 1925 trench.

Measures: N., 7'6" to NE cor. ventilator^{33" w.}; E., 7'2"; S., 8'2"; W., 7'6". Floor lies 5'6" below last Ct. surface. Inner SW corner is 23" fr. S. wall of Ct.; inner SE cor. is 27" fr. S. Ct. wall & 33'6" fr. E side. Kiva 2-D adjoins on E. Ceiling 6' ext.

Masonry: nondescript & of salvaged material, chiefly dressed friable blocks with laminate s.s. between — probably to be classed as 3rd type. Walls built up from inside; the outside left unfinished. Interior plastered & smoke-stained. Walls ragged to within 50" of floor. N. wall 14" thick.

Wall deco.: 2 human hands carelessly incised in S. wall plaster; 1 foot & misc. lines scratched in W. plaster.

Fireplace, unrimmed, against E. wall 40" fr. SE. cor.; is 14" E-W x 22" x 7" d.

#2214 ill. in "Material Culture", Fig. 100, b.

R. 350-2

Ventilator shaft, masonry 23" w. @ floor, built in against plaster of NE corner. Shaft, faced on inside, is about 8" dia.; now rises to top of N. wall but formerly extended to Ct. surface. ^{5'6"} inner W. side of shaft is outside NE cor. of R.?

Finds include #2214, the body of a bifurcated basket effigy, & #2215, a plainware, half-gourd ladle. Also, late hachured potsherds.

Profile of W. Ct. trench shows R. 350 inside S. wall 2 1/2 ft. from R. 136; 6'7" d. @ S. end & 6'4" d. @ N. (See W. Ct. cd. 7)

Room 351.

2 cds.

Reg. 31997A.

1925

Subcourt room adjoining N. side of R. 350 @ S. end of West Court; wall between 14" th. Not previously excavated.

Measures: N., 6'9" to NE corner ventilator; E., 5'8" to NE cor. vent.; S., 8'5"; W., 6'11". Inner NW cor. is 17'3" fr. S. end of Court & 43'5" fr. E side. Unlike R. 350, W. wall lies @ Right angles to S. end of Ct. Niva 2-D adjoins on E.

^{3rd type} [?] Masonry: nondescript like R. 350 & likewise probably to be classed as 3rd type. Walls, built up from inside, had been repeatedly plastered & each coat smoke-stained. Walls razed to within 55" of floor.

Wall deco.: painted on S. wall plaster 37" fr. SW. cor. is solid white ^{roughly} block with 7 "saw teeth" on upper edge; tips of teeth 32" fr. floor.

Shards of late P.B. hatchure found in fill.

Fireplace, unrimmed but slab-lined, against E wall 38" fr. SE. corner; is 19" N-S. x 15" w. x 3" deep.

R. 351-2

Ventilator: built-in block of masonry in NE cor. is 20" w. x 16" thick; opening, 10" w. x 11" h. to small-stick lintels; slab sill 4" above room floor. Opening had been covered by s.s. slab 10" w. x 16" l., notched @ both ends. Built against rough outside masonry of NE corner vent. shaft is oval inside, 32" N-S. x 24" w. @ N. end & 14" w. @ S.



1925 trench; profile shows R. 351 as 6'3" deep @ S. end; 6' @ N. S. wall of E-W pair of sub-Ct. walls is 3'4" fr. inside N. wall of R. 351 & 21' fr. R. 136 (see W. Ct. cd. 7)

P. B. Symposium - 1921

N.G.S. Neg. 11858A
OCT., 1921

Also invited: Aug. 29-31, 1921

S. H. Morley

Earl H. Morris

G. N. Collins

Gas. H. Kempton

Carl E. Guthe

Ole Owens (with Morris)

NMG & staff

Karl Ruppert

O. C. Havens

A. H. Linsley (cook)

Jack Lavery

Frank Pinkley, N.P.S.

Kidder invited

Paul A. F. Walter, Santa Fe.

A. E. Douglass

N.H. Darton, USGS.

O.O. F. V. Coville, USGS

CS, Scofield "

work closed Aug. 27

P. B. Symposium - 1922

A. E. Douglass photo

Neg.

Sept. 1-3, 1922

A. E. Douglass, Director, Steward Observ., U. of Ariz

Byron Cummings, Prof. Anthropol., U of A. Could not attend

N.H. Darton, wife, & son, USGS.

A. V. Kidder " "

Frank Pinkley N.P.S.

Frank Winess (with Pinkley)

Arthur Woodward, La. Co. Museum

NMG & staff

Neg. 1866A - OCT. 1922

Karl Ruppert

R. P. Anderson, surveyor

Henry B. Collins, Jr.

Geo. B. Martin

Robt McFarlane (cook)



By Dr. W. B. Douglas

1944

A3

P. B. Symposium - 1925

32363 A

32367 A

32370 A.

32368 A.

C. S. Scofield U.S. D.W.

F. H. Thackeray " Frank Pinkley, NPS.

Kirk Bryan U.S.S.

W. H. Jackson (in chair, 1877)

N.M.S. Staff

Karl Ruppert

F. H. H. Roberts, Jr

Monroe Amaden

O. C. Havens

Lynn C. Hammond

1925 Symposium (?)

Per neg. shows, T-R, on top
Ann Morris

Quarley

Kittler

Morris

M. Amaden

N.M.S.

F. H. H. Roberts

Pit-house. 30

4/8/44 - J.

About 1 mi. E. of Bonito; exposed by caving of N. arroyo bank. Attention directed to it by Navajo.

House bisected by caving of bank. Among fallen adobe masses, found: charred remains of coiled baskets; charred corn cobs; human bones; numerous potsherds. Imprint of large olla shows it stood on floor. Several slab-lined bins had stood in S. half of floor. One such, 29" w. x 10" deep, paved with water-worn cobbles, contained charred vegetable matter including corn kernels & cobs. Stone door slabs, manos, frags. of 3 thin, broad metates, smoothing stones, etc. & 1 squash seed also found among fallen adobe. Post holes also show; fireplace divided by caving bank.

Diameter of house = 12'9" within bench; floor lies 11'10" ^{below} present valley surface; @ middle, floor is 2" lower than @ periphery. Room surrounded by bench (interrupted @ E.) 26" w. x 35" h. Front of bench plastered several times; plaster, like room floor, is smoked. On bench, 22 posts, av. 2" dia. & 14" apart & 20" from face of bench, slant slightly toward middle of room; probably supported brush or

Pit-house - 2

wattlework as upper wall construction. Above bench surface, excavation is uncertain tho excavated 8" shows @ W. At E., bench, 36" w., is interrupted by cut pillar 16" h. Two posts as former ceiling supports were embedded in bench, about 2" fr. its face, @ NW. & NE; they measure 7" & 8 1/2" dia., respectively & were faced by slabs on end & above each other & plastered over. Other, lesser slab frags. crowded into cut about posts. ~~NE side~~ A third post, @ SE., stood 8" from bench face; its dug hole extends 22" below floor; is packed with stone spalls. Room diameter @ bench level is slightly less than @ floor. Charred frags. of finely woven sandals found on bench @ W. side.

Slab-lined fireplace, 22" dia. x 9" deep, occupied middle floor; fireplace cut in two when bank fell. In floor below E. end of bench is depression 22" N-S. x 15" w. x 3 1/2" d.; 5" S. of this basin, a smoke-stained abutment extends 10" toward fireplace & is there lost by caving of bank.

8/29/23

Outer N. wall & NE foundations - 1

The row of 2nd type L.B. rooms encompassing OB houses on W & NW continued E. to R. 297 & an undetermined distance beyond (D-3).

Holes cut by vandals @ frequent intervals along base of N wall reveal concealed masonry of 3rd (?) type.

Neg. 3209A, Martini, 1920; 7647A, OCH, 1921. Pepper, 1920, fig. 5 shows same holes.

At outer NW cor. of R. 301 wall now stands 30'2", ground to broken top; @ NW cor. of 2nd unexcavated room E of 297, @ union of 2nd & 4th types, wall stands 22', ground to broken top.

NCS. Negs. 3209A & 3226A (Martini, 1920) & Mindeloff (N.M. 3175) indicate ceiling height of R. 297B is \leq 3' higher than that of R. 299^B adjoining but our measurements do not support diff.

Mindeloff photoed open 2nd type doors @ NW.

Outer N. wall & NE foundations - 2

Doors: 1st story doors in outer 2nd type wall from R. 14b around to W. had all been neatly blocked. ^{See Neg. 34493A, OCH, 1925 for R. 204A door} Those in 14b & 301A, formerly blocked, were opened by unknowns prior to 1887 (Mindeloff Negs). Frame of 5" dia. pine logs in N door of R. 301A presumably inserted by Hyde Exped. (Peppers, 1920, p. 27) &

* N door in R. 299A (2nd type masonry) is easternmost 1st story door now visible; those formerly present in unexcavated 297A & R. next on E, if any, were covered by 4th type veneer. Blocked doors & ventilators show in 2nd story N wall of TRs. #014a, 301B, 299B, 297B. Former 2nd story N. door in room next E of 297B (2nd type masonry) ~~was~~ blocked by 4th type veneer, was broken out by unknowns (is blocked in Pepper 1920, fig. 5). Blocked doors show in 3rd story, 2nd type N. wall of Rooms 14C, 301C, & 299C; those in TRs. 297C & in room next on E are ~~now~~ covered by 4th type veneer (Neg. 3209A, Martini, 1920 & 3206A).
 * No exterior door appears in 4th type, 4th story wall E of 297 except that in R. 182B (Neg. 31992A, OCH, 1925) C

Outer N wall & NE foundations - 3

The spectacular change in masonry outside R. 297 evidences revised building plans, perhaps more than one. The external 2nd type veneering of R. 297A was removed to within 6'6" of its foundation ^(Neg. 23334A, 27th of 1923) & thence upward with a eastward slant between formerly blocked door & W. vent, 2nd story room east of 297 & continuing presumably to ceiling level of 3rd story (Neg. 3209A; Martin, 1920). Wide-spaced courses of single dressed friable s.s. blocks show in outer 3rd story masonry of R. 297 & that adjoining on E but beyond latter & its replacement line, only doorless 4th type masonry prevails.

Possibly 4th type replacement line marks beginning of an earlier, 3rd type addition. Third-type builders may have laid the uncertain founda. for a planned wider curving outer wall eastward from 297 & then abandoned

Outer N wall & NE foundations - 4

it in favor of a tie-in with the 2nd type veneer & a new 3rd type wall extending SE to ^{outer} NE cor. of R. 267 (D-3, D-4). This is suggested by the foundation itself, 7" th. + 19" w., & by 3rd type masonry seen thru holes ~~to~~ torn by vandals in the present 4th type wall E of R. 297 (Negs. 11951A, OCH, 1921; 22682A & 23234A, OCH, 1923; 23216A & 23233A, N.M.S. 1923). The 4th type builders of the NE foundation complex & its successor rows of E & NE rooms, 175-176 to 189 & 261, began their activities @ this same point. Tie-poles binding the 4th type veneer to the earlier & concealed 3rd type stonework show plainly E of the 2nd type door in the 2nd story room E of 297 (Neg. 3206A, Martin, 1920) & above the vandal break outside the 2nd & 3rd unexcavated rooms E of 297 (Neg. 11951A, OCH, 1921) & in holes for like poles, inner wall, right half. Tie-pole in partition betw. same 2 ^{holes} rooms, & open vents, show in Neg. 23234A, OCH, 1923.

Outer N wall & NE foundations - 5

Below outer NW cor. of R. 146, of 2nd type masonry, the foundation is 25" h. & inset 5". It is built on sand that contains only sparse particles of charcoal. Below NW cor. of R. 299, foundation & wall masonry are in alignment except for a single intervening course of stones protruding 4". Below NW cor. of R. 297 a simple stone spall- & -mud founda. 7" h. x 19" w. & built on sand 4" outside the 2nd type wall. We did not attempt to trace this 7 x 19" stonework to its ends. (Neg. 32624A, Oct, 1925).

NE foundation complex - 6

8/29/23

While clearing away sand & fallen masonry on NE side of ^{opposite} R. 184 we came upon a complex of outside foundations. ^(Neg. 27651A, Oct, 1923) Loosely built of mud & friable s.s. chunks with occasional dressed blocks, they differ in no wise from foundations under nearby walls & elsewhere; like the latter, they vary in width & height. N wall founda. of R. 184, 22" h. & 57" below sill of S. ventilator, ties with units of the outlying complex. About 2 ft. lower (48" below R. 184 masonry) is a hard, fairly uniform adobe pavement overlain by blown sand containing clay pellets & occasional sherds, both early & late. This pavement is floor-smooth but probably was laid down by floodwaters. In a 5 ft.-wide trench we followed it 129' on Mag. N. line to lower terrace below Braced-up Cliff (cleared in ^(Neg. 45864A, NMS, 1922) 1922) & found its N end, 115' fr. R. 184, continuing under a bank of

outside R. 184

NE foundation complex - 7

packed mud, 13' w. p base, 6' w. on its irregularly stepped top & 8' h., piled against the 3rd type masonry of the terrace front. A test pit thru pavement @ foot of bank revealed underlying clay, hard, gritty, & somewhat broken like wetted chunks of wall mortar.

The outlying founda. complex is particularly confusing in this area, outside Rs. 184-187. All were built upon the 20-24" sand layer that overlies the "pavement" @ depth of 4'; all tie with, abut, or continue under the ruin foundation. Opposite NW cor. of R. 187 a complex unit 24" w. x 16" h. passes ^{under} outer wall @ right angle as tho to underlie W wall of room; 40" to E. another unit goes under ~~at~~ obliquely; both are abutted by R. 187 foundation, 18" h. Built upon merging units outside NE cor. of R. 187 & against ruin wall are remains of a small-stone masonry box, finished on outside only & measuring 55" l. x 14" on W, & 22" on

outside R. 187

receptacle

NE foundation complex - 8

E end with its outer NE cor. rounded. Its walls had been razed to within 5" of their base. 7 1/2' E. of this box & likewise resting upon a complex unit & abutting the ruin wall is a similar receptacle, complete & of 4th type masonry. ^(Neg. 23328A, NMS, 10235) It measures, outside, 45" x 16" @ W x 22" w. @ E x 25" h.; inside, 27" x 12". It was floored by a single s.s. slab laid upon the underlying founda. & ceiled 15" above slab with small poles inserted into outer wall of R. 186 & covered with slabs. The receptacle contained a handful of misc. deer & small mammal bones, 2 Old Bonitian sherds & 1 ironstone concretion.

outside R. 186

West of R. 187 other units from the outside complex likewise pass under outer wall of R. 187 & are abutted by its foundation. On 1st of these, E-W, 6 1/2' N of R. 187 NW cor., is a 6" h. section of fine 4th type masonry. ^(a low Walsh slab) On this same founda. 35' to W. is another section of 4th type masonry 4" h. (1/2)

6" - 4th type masonry
4" ditto

NE foundation complex - 9

outside
R. 188

The N. founda. of R. 188, 15" h, abuts one of like height but 30" w. that passes under @ R. ^(right adobe) 5 was presumably used as founda. for R. 188 W. wall. 20" below these 2 foundations is a well-packed adobe surface with a slight downward slant to E. Blown sand had collected upon this lower surface to height of overlying foundations (total, \approx 35" h); over sand & foundations is an accumulation of constructional waste 20" d. against ruin wall but thinning out to 0 about 10' to N. Upon this waste is a 4-10" layer of blown sand with scrape of burned wood & charcoal in upper half; then a 20-24" accumulation of fallen masonry. On top of all, 4-4 1/2 ft. above the outlying foundations, is a recent rockfall ^(Neg. 23319A, NM 1923) from N cliff, 1 large rock having rolled to within 3' of outer NW cor. of R. 189. The unweathered surfaces of these blocks & their sharp fractures convinced N. H. Darton in 1922 that the fall was Mindelaff (1887 photos) Negs. NM. 162, 163, 170, & # 30062 show same rockfall

outside
R. 189

early cliff fall outside Rs. 187-188.

NE foundation complex - 10

"fairly recent" but not connected with abandonment of PR. However, some of these complex units outside Rs. 187-188 were built over & around buried rocks resulting from a previous fall.

outside
Rs. 188-189

Outside Rs. 188-189 the external foundation complex readily separates into 2 principal E-W members, ^(W 92° E) parallel & \approx 8 ft. apart, & joined @ regular intervals by N-S units. Together, the complex suggests a planned addition of rooms approximating in floor area those built by 3rd type masons to border the lower W side of the pueblo (Rs. 118-337) & those they remodeled in the 3 parallel rows in the N arc (Rs. 87-99, etc.). The S. member of this external pair goes under present outside wall (4th type) a few feet W. of R. 189 but its companion, the N. member, extends 80' \pm beyond, there to thin out & end against the plastered 2nd type masonry of R. 297.

3-44

W. end
of complex

(Neg. 32624A, OCA/925) Neg. 233344: 27, 1923

early cliff-fall under R 297

N.E. foundation complex - 6 11

W end of complex
outside R. 297

A test pit here, outside R. 297 & c 23' E. of the formerly blocked door to R. 299, revealed the abutting founda., 22" h., built upon 9" of blown sand containing scattered clay pellets & below the sand an av. 23" of compacted constructional debris — adobe droppings & s.s. chips — mixt with blown sand. Plaster still sticks to 2nd type wall 54" above its founda. (to top of abutting founda.) but had weathered above that point before accumulation of c 2' of blown sand above the outlying founda. ^{total depth c 6 1/2" 3/4"} R. 297 foundation, if any, is inset but one 19" w. & at that level lies 4" outside. (Neg. 32624A, 1925)

cliff fall #

To explore this underlying, outside founda. we dug another test pit outside NW cor. of R. 297 & found its N. founda. here 16" h. with a 3" offset 33" below doorsill level, was built over & between large s.s. blocks fallen fr. cliff. 5' E. of this 2nd test the R. 297 founda. takes on a 23" w.

prepared for 3rd type addition?

N.E. foundation complex - 7 12

early cliff fall outside R. 297

offset as it crosses sloping top of an underlying rock & then continues E. as a 19" w. founda. separated from the 2nd type wall by 4" of adobe & s.s. spalls. This obviously is the same detached founda. 1st noted below the W end of the outlying ^{under NE cor. R. 297} complex. Hence an undated pre-PB. cliff-fall apparently caused change in original plan for the 2nd type wall E. of R. 299 & substitution of present ^{2nd type} wall.

#

The westernmost of several N-S. units tying with the N member of the outside complex passes under outer PB wall (4th type) & apparently was utilized as foundation for W side of unexcavated room N. of R. 87 (3rd E of 297). Here the 21" h. founda. of ~~outer~~ PB wall abuts the N-S unit & stands on S. edge of an earlier E-W foundation, 25" h. x 20" w. (limits not determined) that may be an extension of the 19" w. detached founda. noted in test pit under NE cor. of R. 297. At its N end the N-S unit is

NE foundation complex - 8 13

4th type masonry

25" h. x 24" w. & ties with the 20" h. N. member of the complex 4" above its base, leaving a 9" difference on top. The N member ^{E-W} that is filled by a section of 4th-type masonry.

These N-S units all underlie the outer PB wall & in close alignment with walls separating rooms of the outer, 4th type row & they are usually abutted, both sides, by the PB foundation.

Hence the whole outlying foundation complex ^{whose} N member ~~of which~~ ends as a 22" h. unit 32" above the base of the plastered 2nd type wall of R. 297, apparently continues E @ approximately the same level ^{abutting} to ~~abut~~ the 3rd type masonry that partially replaced the 2nd type outer ^{inner} wall E of R. 297 & then, in turn, to be replaced by the present, 4th type outer wall. This latter utilized the underlying founda. as far E as possible.

NE foundation complex - 8 14

As seen thru holes cut by vandals thru the outside 4th type masonry E of R. 297, the face of the older, covered wall sometimes resembles 3rd type masonry in its use of thick blocks of dressed friable s.s. in bands separated by laminate tablets; elsewhere the banding was omitted in favor of stonework approaching 4th type, using laminate s.s. exclusively & often with small chips as chinking. Plaster remains on some sections of the covered walls.

Measured thru these vandal-cut holes the 4th type masonry covering the older variety is:

- 12" thick opposite the E half of the 1st room E of 297
- 27" " " " W " " " 2nd " " " Neg. 23216A
- 41" " " " wall between 2nd & 3rd Rs E of " Neg. 11951A.
- 45" " " " the W half of 3rd room E " "

NE foundation complex - to 15 ^{3rd type}

Ventilators in the concealed wall were extended thru the added 4th type masonry to the outside but each one, presumably, had later been sealed. Over these ventilators, as seen thru vandal-cut holes, ^(Neq. 23233A, NMJ, 1923; 22687A, 23234A, OCH, 1923) long square repositories may occur — repositories that probably received sacrificial deposits @ time of construction. Their length naturally suggests some of the long, curved-end "ceremonial sticks." We found only turquoise & shell scraps among fallen masonry cleared from in front of ^{these} ventilators in 1923. One such find apparently had fallen from above ~~the~~ ^a second-story ventilator. ^(Orig. 1022-1023; US. 77x. 336026-27.)

Tie-poles placed @ frequent intervals found the added 4th type masonry to the older. ^(Neq. 3206A, Mar. 1920; 23234A, OCH, 1923) Set in holes especially made in the concealed wall these tie-poles extended thru the added stonework & were cut off flush with the outside. Built-in longitudinal tie-poles were also employed. ^(Neq. 11957A-OCH, 1921)
We repaired all these vandal-cut holes in 1923, 1926.

(J-44) 16
NE foundation complex, 1925 - x 16

In 1925 continued excavation of NE foundations eastward from Rs. 184-186. Newly exposed portion separates into 6-7 main E-W foundations varying from 24-38" w. x 53-58" h. & built upon floor-like "pavements" that can only be floodwater silt deposits. Lesser units, 14-24" w. x 6-20" h. usually abut, sometimes tie with, main E-W foundations @ diverse angles but with tops on same level. This suggests main foundations were built 1st; others added later. Main E-W 1925 foundations (av. N. 78° E) generally overlie those cleared in 1923-1924 (av. N. 92° E) on N. side of PB. From outer SE cor. of R. 176 a single founda. extends ^(E 23° N) c 30' to an irregular "gateway" 7'-17' w. & thence (N. 67° E) to a finished end 509 ft. from R. 176. At its E end, this S. foundation stands 14" h. & only 10" below present surface; elsewhere it measures 18-36" h.

NE foundation complex, 1925-~~17~~¹⁷

We explored only N half of area between lone S. foundation & Hillside Ruin.

Irrespective of height & orientation, all foundations — main E-W & those abutting @ same level — are built of roughly broken friable s.s. (+ occasional blocks rubbed or pecked on face) laid in abundance of mud mortar. Main E-W foundations stand upon, or shortly above, smooth-surfaced, water-laid silty clay; some overlie lesser N-S units, rarely the reverse. Abutting, tying, & overlying of these foundations is most confusing, outside Rs. 184-187 where our 1925 main E-W units appear to supplant those extending SE from outer N side of R. 186-297.

May, 3199579; Oct, 1925.

NE foundation complex, 1925-~~17~~¹⁸

~~fall~~ Surrounding these foundations; mostly blown sand, but often including clay pellets & occasional streaks of gravel or silt where floodwaters ponded. Adobe droppings in greater or lesser amt occur along base; sometimes s.s. chips — but not many. Fronting Hillside Ruin & again @ E end 1925 excavations, some of foundations are covered by only 10-12" of wind-blown sand. This may include fine particles of charcoal & occasional potsherds, chiefly straight hachure.

From among those N of Rs. 184-187, 3 main foundations extend E, across ^{to lower terrace} our 1923 trench, 4' d., & underlie N side of Hillside Ruin. Here the SW cor. masonry rests on a 12" h. adobe foundation & 5'3" above an underlying silt surface ^{concrete masonry} or c. 15" higher than top of R. 184 foundation. First of the 3, 15" w. x 16" h., passes under Hillside Ruin

NE foundation complex, 1925-X-14

26' N of its SW corner & 2'10" above the underlying silt "pavement", its top c 2-3" above top of R. 184 foundation. Piled directly upon this E-W main foundation & also underlying Hillside Ruin is a 22" thick dump of razed wall material — adobe chunks & s.s. spalls. Upon this waste blown sand had piled up 20" d. against W side of Hillside. (Neg. 32000, Oct, 1925)

S. of this corner a 3rd E-W foundation rests 2' above the underlying silt pavement & ties with a N-S founda., top @ same level.

A 4th E-W main foundation, 28" w. x 33" h., where it abuts inside subfloor W. cor. of R. 185, underlies the outer wall of the room¹⁸⁵ ties with other units of the complex & continues E to end, ^{apparently} with a width of 32" c 115' E of Hillside SW cor. Lesser units abut this 4th main foundation from both sides. Those on the N underlie the 7-8" adobe founda. of Hillside.

NE foundation complex, 1925-X-20

A 5th E-W foundation parallels the 4th @ distance of 11'-11'8" &, in turn, is paralleled by a 6th, of lighter construction, both apparently continuing under W side of projecting S. front of Hillside Ruin. Toward its E end this 6th & lesser E-W unit is interrupted by an incomplete foundation for an intended kiva. No finished masonry. Middle N arc of this foundation is overlain by a N-S unit that divides the N half & ties, midway the kiva diameter, with another main E-W foundation, the 7th. This latter abuts the inner W side of the kiva outline, overlies its E side, & continues past Hillside Ruin to an undisclosed end. (Sta. 9)

This kiva outline is surrounded by a number of straight foundations marking rectangular, room-size areas. One of these, enclosure-like, ties with the dividing E-W unit outside the SE 1/4 of the kiva. A test pit @ this point

NE foundation complex, 1925-6-21

shows both foundations stand 4'5" h. upon a smooth adobe surface with 12-14" of adobe droppings @ their base & stratified sand above, the upper 2-3" being dark with humus.

52' E ^{of this} kiva enclosure-like union, S. face of main E-W foundation is abutted by the 3-course h. (12-13") outer curve of a 2nd intended kiva. A test pit here revealed the E-W foundation, 58" h., standing upon an underlying silt stratum. Above this latter 27" of blown sand had collected, then 13" of adobe wall refuse, unevenly based & apparently filling a basin-shaped depression, then a 5" layer of sand containing clay pellets & scattered gravel. Built directly upon this 5" sand layer is the 3-course ^{12-13" h.} rudely constructed outer curve of the kiva stonework, its top @ same level as the 58" h. E-W foundation.

NE foundation complex, 1925-8-22

Inner wall face of this kiva curve not evident but 7' E of its 3-course exterior are 6-7" of finished masonry that may be face of intended bench. This latter rests upon a thin layer of shale & overlies the E-W foundation, here razed to within 38" of its base @ mid-kiva dia. Shale layer is overlain by 3" of sand & a 2-inch sandy-adobe floor for the intended kiva. Below shale layer, about 3 1/2 ft. debris of demolition; above floor, 18-24" of constructional waste (from razed E-W founda.?) plus blown sand with silt streaks & gravel washed down from Hillside Ruin. Here the 3-course kiva outline apparently is overlain by Hillside. Indicated kiva dia.; 22 1/2 ft. It had replaced an earlier & likewise incomplete kiva outline that had been quartered by 2 E-W foundations & a lesser one connecting them.



This later indicated kiva with its 3-course outline &

NE foundation complex, 1925, 8-23

a possible bench face, combined thickness 7 ft., was equipped with a subfloor ventilator duct 7' long x 23" w. x 23" d., neatly lined with laminate s.s. & a scattering of friable blocks, rubbed on face. The ventilator shaft, 22" sq. - inside & finished with 3rd type stonework, rises 15'6" fr. N end of duct & within the arc of the earlier kiva foundation. Between shaft & duct the 3-course outline had sagged toward middle as tho its supporting sticks had rotted.

Straight-wall foundations stand about these 2 incomplete kiva outlines & on E side (1) that is 31" w. abuts the main E-W unit with its top @ same level as tho part of usual kiva enclosure. Inside its angle is a slab-lined firebox, 29" E-W x 26" w. x 25" d.; slabs on E side rise full height but those on other 3 were topped by 8-10" of masonry.

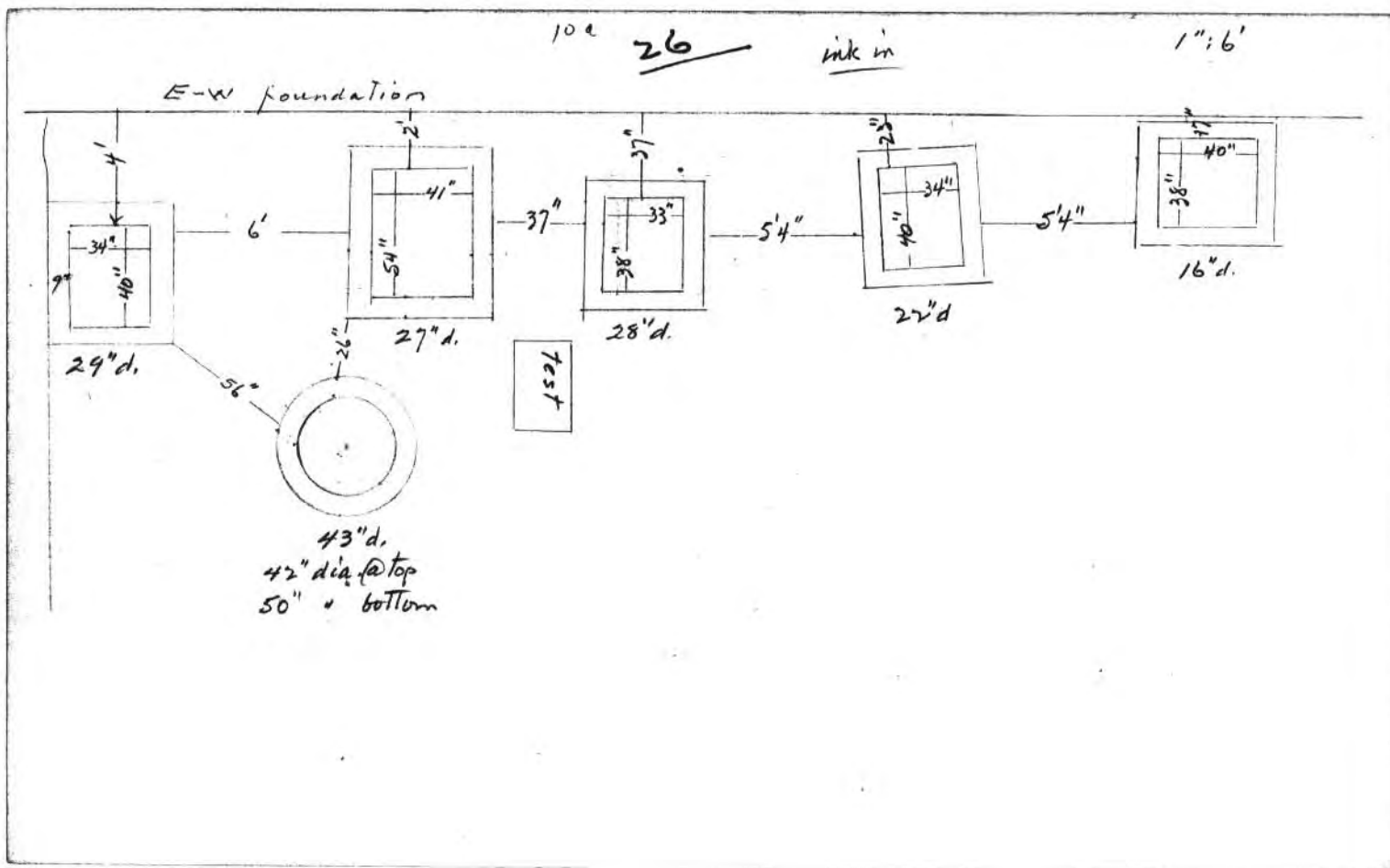
NE foundation complex, 1925-8-24

E of this firebox & outside the enclosing foundation, are 6 more fireboxes: 1 circular & 5 rectangular, all ranged along S. side of the main E-W foundation. In each case their rudely built walls, 4-12" th. & smoother inside, topped off @ approximately same level, 12-14" below present surface. ^(No. 132365A; GEN. 1925) Inside the 5  boxes, excess mud plaster was smeared over the stonework; in the circular firebox, mud was finger-pressed between the stones. The 5  boxes vary from 33" w. x 38" (#3) to 41" w. x 54" (#2) & in depth from 16" (#5) to 29" (#1). The circular box is 43" d. x 42" dia. @ top & 50" dia. @ bottom. All evidence low, repeated fires since mortar is burned red but not fused; all were filled with sand burned blue-red & containing particles of charcoal but little fine wood ash. Neither bones fpts nor potsherds were recovered from these 7.

NE foundation complex, 1925, ⁻²⁵ 10

A test pit between [] 2 & 3 shows mixt debris of reconstruction & blown sand, with no intervening layers, to an adobe surface 58" below top of #2, i.e., to same "pavement" noted @ W side of the kiva foundation. In the area S. of [] #5 a quantity of constructional waste had been dumped.

For fireplace arrangement, see accompanying card.



NE foundation complex, 1925, 27 Summary
4

Together, these outlying foundations appear to have been laid for wall construction but paucity of constructional debris suggests they were never built upon. Their sides are rough, unfinished; any ^{rock} stone sufficed, friable s.s. generally but with occasional blocks dressed by pecking or abrading. They vary in width & height but main E-W foundations, apparently built first, generally rise from (or shortly above) smooth, floor-like adobe "pavements" that are too extensive & regular for anything but flood-water laid silt. Abutting lesser foundation units top off @ level of the principal. We observed no evidence of cuts purposely made for foundations.

Foundations exposed in 1923-1924 N. of Rs. 184-189 vary from 21-25" w. & from 12-36" h. & are thus of lighter construction than those exposed in 1925 east of PT3 but do not

NE foundation complex, 1925 -28
12

differ in construction or appearance. All are quite similar to PB foundations; some tie with or abut outer PB foundations; some go under to abut inner wall below floor level, as in Rs. 184, 185, etc. Sandstone chips rarely used as chinking in these NE foundations altho they do occur among adobe droppings @ base. Amount of these droppings never enough to indicate razing of walls. Relatively few potsherds found thruout the complex area. Finished masonry on founda's occurs rarely & then always of 4th type^{a, b, c}, N. of Rs. 186-9 on Walsh plan. & @ E end 1925 excavations. (6" @ a; 4" @ b; 9" @ c)

Among E-W & N-S straight-line foundations toward E end of 1925 excavations, a kiva of 3rd type masonry. Test in NE 1/4 shows wall av. 2' thick; indicated above bench dia., 23'10"; depth, 8'5"; bench, 29" w. x 24" h.

(Neg. 32627A, OCH, 1925)

NE foundation complex, 1925 - 29

A foundation extending E from this 1925 kiva crosses 3 N-S connecting foundations & abuts a 4th, 26" h. whose E face ^(Sta. 1) carries a section of fine 4th type masonry, 22" h. ^(Neg. 32627A, OCH 1925) This stands, with a normal 3" w. offset, upon a 4'7" h. foundation based 6" above a pavement-like layer of floodwater adobe. The E-W foundation, which carries no masonry, abuts the N-S unit 2'8" above the same adobe layer. The N-S unit, with its crown of 4th type masonry, continues S. & ties with the end wall of a long, narrow room outlining whose outer S. face likewise carries 4th type masonry. This latter, 19" h. but decreasing to 5" @ SE corner, is abutted 12" above its foundation offset by a pair of 3-course 8" h. foundations that curve widely to S. & W. (Neg. 39571A, NMS, 1926)

NE Foundations, 1926 - 30

(E 23°N)

The long, lone wall foundation extended from R. 176 ends 509 ft. from 176 as a typical rough stonework 24" w. x 14" h. but with its top only 10" below present surface. Blown sand surrounds the end; no constructional debris. This long foundation, comprising both worked & unworked friable s.s., overlies all others ^(as Sta. 3, 5) we exposed along its length. Thus it is later than they. It is 24" w. x 14" h. @ its E end ^{10" above surface} & is also 24" w. x 14" h. @ 165' to W. where it crosses a N-S unit ^{Sta. 5} but is 12" higher (26") & comes to surface about 5' beyond the intersection. (Neg. 38992A; NMS 1926)

Toward its E end this long, lone S. wall foundation crosses ^{Sta. 3} & rests directly upon a section of banded 4th type masonry, 22" h. above foundation offset, that marks outer E limit of our 1925 excavations. On both sides of the cross-wall, obviously later, are piles of s.s. building blocks, mostly unworked.

Sta. 4 — Neg. 39571A, N.M.J., 1926.
NE Foundations, 1926-2-31

(see Sta. 103)
The outer S. end of the long, narrow room @ E end of 1925 excavations includes 19" of banded 4th type masonry, decreasing to 5" @ SE corner, & this is abutted 12" above its offset by a pair of rude foundations, curving 150' ± to S. & W. where they were abandoned. Here, @ their beginning, the pair stands 24" apart; each is 18" w. & consists of 3-4 courses (8-10" h.) that comes to within 10" of present surface. Blown sand surrounds the abutting pair. Test only 3' deep. On E side of this narrow room, 10' N of corner, a section of 4th type masonry 22" h. is crossed by long S. wall-foundation.

Sta. 5 At SW cor. of a foundation complex surrounding the kiva @ end of 1925 excavations a N-S unit is covered by 18" of blown sand & this, in turn, is crossed by the lone wall-foundation extending E from R. 176, here 24" w. x 14" h. but 26" h. with top @ present surface c 5' to W. 11'9" N. of this intersection the N-S unit, buried under 17" of blown sand, is crossed in a NE direction by a lesser founda., 15" w. x 8" h., its top just below surface.

NE Foundations, 1926-3-32

Sta. 6 A solid foundation-like stonework, mostly of unworked friable s.s. & partially finished on its exposed side, was built against E face of the banded 4th type masonry continuing N from outer SE corner of the long, narrow room. Top of this stonework is 2' below the surface @ S. end, 3'9" @ N — diff. owing to deeper sand @ N end. Blown sand with scattering of clay pellets & gravel lenses overlies this stonework & continues E @ least to depth of our trench, 5'.

Sta. 7 The projected 5-6 room series exposed @ close of our 1925 season apparently was partly razed @ N end. At N end of W member, 8" of 4th type masonry remains upon its 26" h. foundation & this latter consists of dressed friable s.s. blocks chinked in 2nd type fashion & based 5'4" below present surface. At E side of this foundation

NE Foundations, 1926 - 4 33


is a 3' pile of constructional waste, its base @ depth of $6\frac{1}{2}$ ft. — the most likely evidence of deliberate wall razing seen thruout the whole NE foundation complex. This debris pile rests upon compact sand that decreases in depth toward the S. & is overlain by blown sand.

Sta. 4 The pair of crude foundations $8-10''$ h. ^($\approx 10''$ below surface) that abuts 4th type masonry, outside the S. end of the long narrow room @ E limit of our 1925 excavations with their tops 10" below the present surface curve S. & W. & end individually. Sta. 8 N unit of this pair stops $\approx 150'$ from its beginning & $\approx 60'$ S. of the nearest point on the long wall-foundation from R. 176, as a 2-course foundation that includes both dressed & unworked s.s. blocks & is based $\approx 2'$ below surface @ this point. Underneath the foundation $\approx 3'$ of clayey sand containing conspicuous, adobe-like chunks

NE Foundations, 1926 - 5 34

& an additional 2' of compacted sand, total depth, $7\frac{1}{4}''$. No s.s. spalls or potsherds noted below foundation but sherds do occur in blown sand above base level.

Sta. 8 S. member of this pair ends $\approx 50'$ E. of N unit. Here they stand 25" apart, each is 16" w. & av. 10" h. Blown sand, av. 10" d., covers the pair; beneath them, compact sand with clay streaks & occasional adobe chunks to depth of 4', depth of our test.

Sta. 9 The principal E-W foundation that passes the 7 fireboxes S. of Hillside Ruin continues to an undisclosed end but, S. of the s.s. outcropping @ E end of Hillside Ruin, as a foundation 26" w. x 3'11" h. it is abutted 3'5" above its base & overlain (11") by a N-S foundation 25" w. x 17" h. as the latter continues N. to a small  compartment near the outcropping.

NE Foundations, 1926 - 35

(D-45)

A "Far East" exploratory trench was cut from the S. end of the E side of our 1925 3rd type kiva SE 50' to cross the paired 8-10" h. curved foundations & to disclose an old diversion channel the main portion of which, c 20' w. & 7' d., lies N. of the pair. The fill is largely constructional debris but includes successive layers of silt, clay, & water-washed sand. The channel apparently once extended beyond the curved pair.

Hillside Ruin, +

-36 Jackson (1878, p. 442) estimated area of Hillside ca 75' x 135'

1925

Lies @ foot of cliff NE of PB. overlooking & in part, overlying NE foundation complex of 1925. Hillside therefore is later than ~~any~~ abandoned foundations. We did no work in this ruin except to bare its S. wall & trace dia. of kiva @ E. end.

At its SW cor. Hillside masonry consists of dressed s.s. blocks rather uniform in thickness & length, based 5'3" above same (?) adobe surface noted 2' below foundation of R. 1845 in trench thence N to terrace below Braced-up Cliff. Several bowl frags appear as chinking under corner masonry. [Neg. 32000A; OCH, 1925]

3 E-W foundations N of R. 186 extend E & underlie W side of Hillside. 1st of these, 15" w. x 16" h. goes under 26" N of SW corner, its base 2'10" above the adobe surface or silted "pavement." Debris of reconstruction 20-22" d. lay upon this 15" x 16" foundation & is, in turn, covered by stratified

Hillside Ruin - 37

(D-44)

sand 18-24" th. against Hillside & sloping down to W.

From its SW cor. Hillside Ruin extends E in a succession of irregular joqs to end at a s.s. outcropping approx. 400' from R. 184c 143' from SW cor. There is a right angle joq S. 28'3" to a 2nd principal corner, its 7" h. adobe foundation resting 3'6" above an underlying silt "pavement." 15" E of this 2nd corner a minor N-S unit (W face only barred) abuts both the 7" h. Hillside foundation & the main E-W (7") foundation 3'2" above its own "pavement." Other N-S units appear to underlie Hillside.

At E. end, 10' ± W of s.s. outcropping, is a kiva of 3rd type masonry. Indicated dia., 24'8". Abutting walls S.W. of outcropping are also faced with 3rd type masonry.

West Court - 1

Field notes of 1925-1927 condensed & clarified.

1924.

Only entrance to PB is in SE corner of West Ct., betw. Rs. 137 & 140. Originally open & 7'10" w. This passage was later barred by a single cross-wall 26" th., built without founda. on a 4" sand layer 15" below last utilized Court level. East side of Court from East Gate to SE cor. entrance apparently rebuilt @ same time since pit stands on same level as cross-wall. Below the 4" sand layer, 38" of ashy earth containing many sherds, s.s. spalls, & frags of wall adobe. In middle of cross-wall 33" fr. E. side, is doorway 32" w. x 26" across sill with sill @ Ct. level. Doorway later blocked with masonry. We made repairs here in 1927 & along E side of Court.

Paralleling N. side of cross-wall @ dist. of 6'5" is a foundation 23" w. x 16" h. on a former surface @ depth of c. 30". This founda., razed 13" fr. E. side of Ct., probably underlay the latter & the masonry it formerly carried, if any, probably was razed @

212 compare with R. 135
1924 remains

West Court - 2

3rd type
E wall
same time — before E. wall was rebuilt in 3rd type masonry. At its W. end, 9'11" fr. E. wall & 20" fr. S. side, ^{R. 137} this E-W founda. ties with another. The N. end of which we did not seek to uncover. ^(in exterior of Kiva 2-D) Presence of this sub-cl. founda. may be basis for R. 139 on Hyde's plan in Pepper, 1920.

entrance
one pit - occup. debris
S. of cross-wall another test pit shows both crosswall & outer W. wall of R. 140 built on a 3" sand layer c 15" below orig. surface, below the sand, 36" of sandy earth & floor sweepings to an adobe surface that rises slightly toward the east. Another foundation, 18" w. x 13" h., the bottom of it 6" below the sand layer, ^{24" below orig. floor} abuts the R. 137 founda. 40" fr. crosswall & underlies the R. 140 wall 43" fr. crosswall. It is possible this foundation was intended to carry a wall closing the former entrance prior to construction of the crosswall. The founda. may have prompted Hyde's R. 138. There is evidence of earlier digging here. We found debris of occupation

cite R. 138 in 43' deep test.

West Court - 3

old channel
to depths of 46"; below that, 4" of blown sand & then a lens of light gravel containing early type potsherds. 7' S. of the 18" x 13" E-W founda. is a dump from raged walls lying with a southward dip of 17" in a lateral 30" (29°). This may be same old channel noted in W. mid trench & S. of R. 143.

In 1924 on last occupied surface @ S. end of W. Ct. we came upon the decayed remains of a large pine that obviously had grown here (tree-ring sample JPB# 99). (N.H. Reg. 28416A, Oct 1924).

West Court⁻⁴ Paired E-W walls - X

NGS. N. 29. 32373A.

emerge fr. under R. 141 26'10" fr. SE entrance

Paired walls of mixed masonry — 2, 3, 4 but probably to be classed as 3rd Type — cross the Court E-W on a former surface 23" below that last utilized. They stand 25" apart with an adobe pavement between; each is 16" th., without founda., finished on both faces, & razed within an av. 18" of its base. S. wall of the pair stands 21' from R. 136, 21'3" fr. R. 133, & 21'8" fr. R. 132. At the W they apparently pass under E side of Kiva 130 enclosure near its N end. Opposite, the N member of the pair ends 52" fr. E side of the Court & the S member, 45". Here the 2 ends are joined outside by a 5" w. masonry bar, based 4" higher & forming the W side of a gate-like opening 26" w. @ N., 27" w. @ S. & 4'9" long. The E side of this "gate" is similarly barred while the paired walls continue, still 16" th. & 25" apart, to pass under the E side of the Court

West Court⁻⁵ Paired E-W walls. - X

26'10" fr. SE cor. crosswall.

A 2nd pair of ~~sub-ct.~~ sub-ct. walls, apparently earlier, lies N. of 1st pair, 35'8" fr. R. 136. They are somewhat cruder than 1st pair, stand 26-27" apart, & are faced on inside only; overall width, 5'. Without foundations they av. 16" th., x 12" h., & were razed to within 8" of a connecting floor 30" below last utilized Ct. surface. This floor covered by av. 3" of blown sand overlain by layer of shale 3" th. in middle; 2" @ sides. At their W. end this pair underlies N wall of Kiva 130 enclosure (S. wall goes under c. 4' fr. outer NE corner); opposite, @ E end, S. wall underlies E side of Court 44 1/2' fr. SE cor. crosswall. Here, 37" fr. E. side of Ct., a block of masonry 34" w. abuts the N. member of the pair & overlies the S. member. Built of salvaged stone, masonry is indefinite as to type altho a sect. @ W end is 2nd type & altho dressed blocks of friable s.s. occur frequently

West Court - Paired E-W walls - 3

3rd type @ E end. Depth of base, 2'10" below Ct., indicates 3rd type.
(Negs. 32009A & 32641A, Oct 1925, show both pairs & other deeper walls beyond.)

Fireplaces @ various levels, S. end West Court:

- Adobe-lined, 5" dia. x 9" d., on former surface 11" below last Ct. surface, 5' N. of R. 133-134 partition & 29'3" N. of R. 130.
- Slab-lined, 24" E-W x 20" x 13" d., slabs @ Ct. level, lies 17'4" N. of R. 134-135 partition & 41'3" fr. R. 130 square. S. of this one, 2 lesser, partly dismantled slab-lined fps.
- 7' fr. R. 134-135 & 41'9" fr. R. 130 enclosure.
- 10" NE of "c" & like latter, slabs pierce last Ct. level.
- Slab-lined, originally 28" N-S x 26" E-W x 7" d., later reduced to 21" N-S x 26" x 7" d., is abutted on N by wall fgt. av. 6" th., 36'9" fr. W. side of Ct. ending @ N near a 13" dia. sub-court repository 12' fr. R. 134.

adobe

Negs. 32009A & 32641A (Oct. 1925)

Take 205 fr. Sta. fig. to get dist. fr. R. 136

West Court (Trench - 1) - 7

June, 1925

In 1925, seeking solution to West ind. stratigraphy, extended W. ind. trench to R. 136 & N. thru West Court, paralleling E side @ dist. of 40'. Trench 5' w.; depth varied. Last occupied level in W. Ct. av. c 5 1/2 ft. above present plain of valley. Court level next R. 136 is c 1 ft. higher than average; floor of R. 136 is c 4' below present Ct. surface & 2 1/2 ft. above plain.

At Sta. 205, outer N. wall of R. 136: 2'4" to N. is inner S. wall of R. 350; floor 6 1/2' below Ct. level, (approx. @ plain level) At Sta. 222 1/2 inner N. wall of R. 351, stands 5 1/2' h.

At Sta. 226, 21' fr. R. 136, outer S. wall of paired sub-Ct E-W walls, ea. 18" th., overall width c 4'10"; floor between 2' below Ct level; base 3 1/2 - 4' above plain.

Sta. 232-235: Roberts & Amsden Stratig. Sect. I 13' d. Thru Old Bonitian rubbish.; bottom of sect. is c 9' below plain.

See U.S.N.M. No. 334174 for sherds recovered; layers A-K; from B down, all transit.

R. 350

R. 351

sub-Ct

West Court (Trench-2) - 8

razed sub-ct. kiva
see also als. 33-31

sub-ct
walls
are at . . .

Between Sta. 241-246, a 2nd pair of sub-ct. E-W walls overall width, 5'; floor between, 2 1/2 ft. below Ct. level; base of walls 2' 10" below Ct. or c 2 1/2' above plain. Unexcavated below.

Between Sta. 249 & 252: R. & A. Stratig. Sect. II, 3' square & 12 ft. d.; bottom c 7' below plain. (See #334175, A-K, early types; in C, intrusive P. III)

Slabhouse I

Slabhouse #I @ Sta. 255 (50'4" fr. R. 136). Slabs 12" h. embedded in floor 11'9" below Ct. level, ^(c 6 ft. above plain) mark N. side. Slabs are bound together with mud; have slight outward slant. S. side of floor concealed by unexcav. area under 2nd pair of E-W walls. Indicated dia. over 9 ft. Fill on floor: 18" of blown sand + some clay streaks & occasional s.s. spalls; above sand, debris of occupa. to Ct. level but with downward slope to S.

sub-ct
kiva
floor @ 10' 1/2"

At Sta. 255 1/2 outer S. wall of razed sub-ct. kiva abuts N side of Slabhouse I. Overall width of 5'2" indicates both wall & bench; rubble hearting ^{had been} removed & ^{loosely filled} replaced with debris of reconstruct. Bench face @ 260 1/2 is 55'5" fr. R. 136; assoc. floor 10'2" below Ct. level or c 4 1/2' below plain. Bench face

West Court (Trench-3) - 9

razed to within 10" of floor; continues 12" below floor, no founda. Kiva was built in excavation since bank above Slabhouse shows marks of cutting tools. As exposed in our 5'-wide trench, E end of bench arc lies 55'7" fr. R. 136 & 73'10" from SW. cor. of East Gate; W end of same arc lies 54'1" & 77'1" from same 2 points. Shale replaced razed wall; more shale, with downward slant to S. & Slabhouse floor, ^{occupy} in debris of reconstruct. under principal fill of occupational debris.

this pillar was razed
after fire.

From razed bench a ^{intentional} fill of sand containing clay pellets extends N. 9'10" & there abutted a stone pillar c 5'8" in outside dia. This pillar, of coarse construct. & unfaced, was razed c 7" above its contemporary ^{lower} floor leaving edge of sand fill standing free. Sand fill, 3 ft. deep, ^{was} overlain by what ^{must} have been a later kiva floor, 8' below Ct. level. N side of pillar was incorporated in S. end of an above-floor vault.

This vault, adjoining N. side of stone ^{SE} pillar, measures 6'10" N-S. x 4'8" W. x 30" d. inside but orig. length reduced by

West Court (Trench-6) -12

Abutting N. face of this E-W wall but seen in W half of trench only protruding fr. bank 6-8" higher than bottom of 1st wall, is the 10"-h. remnant of another, likewise 23" th. & built of salvaged s.s. faced on N. only. Above this remnant & against the 1st E-W wall is a 3'-deep cross-court trench dug & filled with blown sand prior to our 1920 reconnaissance.

OB (?)
to kiva

A possible Old Bonitian kiva is indicated on a lower level 13' N. of the 1st E-W wall, or 124' fr. R. 136, by a bench-like remnant built of laminate blocks & small chips & razed to within 14" of its assoc. floor, 11'10" below the Ct. surface. If a bench, indicated height is 21"; width, 27-28". Remains of the main ^(c 2 1/2') wall, built upon blown sand 28" above the kiva floor, are of rough construct, 40" th., heavily plastered outside, with a distinct upward & outward slant. ^{razed top 136' fr. R. 136 & 7 1/2' ft. below Ct level.} E. end of exposed bench arc is 123'10" fr. R. 136; W. end, 127'2". In floor 24" fr. bench

all features of OB kivas except wall thickness of 40"

West Court (Trench-7) -13

& 11" fr. each other are 2 postholes ea. 5" dia. & filled with blown sand in which we found 3 discoidal bone beads. On floor & rising to Ct. level are overlapping quantities of debris of reconstr. & occupation — perhaps more of the latter than in fill of razed sub-Ct kiva.

Outside this supposed OB. kiva & continuing the upward slant of its razed wall are successive layers of occupa. debris, debris of reconstr., & blown sand. On top of a sand layer & cut into a pocked surf. 6' below Ct. level is a clay-lined hearth 137' fr. R. 136.

143' fr. R. 136 & on 1 of several former surfaces, c 5' below av. Ct. level, is a foundation-like wall 12-14" h. with overall width of 5' (or perhaps 2 walls ea. 15-18" w. + fill between) that remind of paired walls on higher level @ S. end of Ct. This structure has a NE-SW trend since S. face on W side of our 5'-w trench is only 137' fr. R. 136. Abutting the N or NW side of

West Court (Trench-8) - 14

Slabhouse ¹¹

this founda. is a semi-circular block of solid masonry 11" h., its rough circumference much muddied & its adobe top on the same level as that of the ^{NE SVX} structure it abuts.

Indicated dia., over 4 ft. (see other side) 148' fr. R. 136,

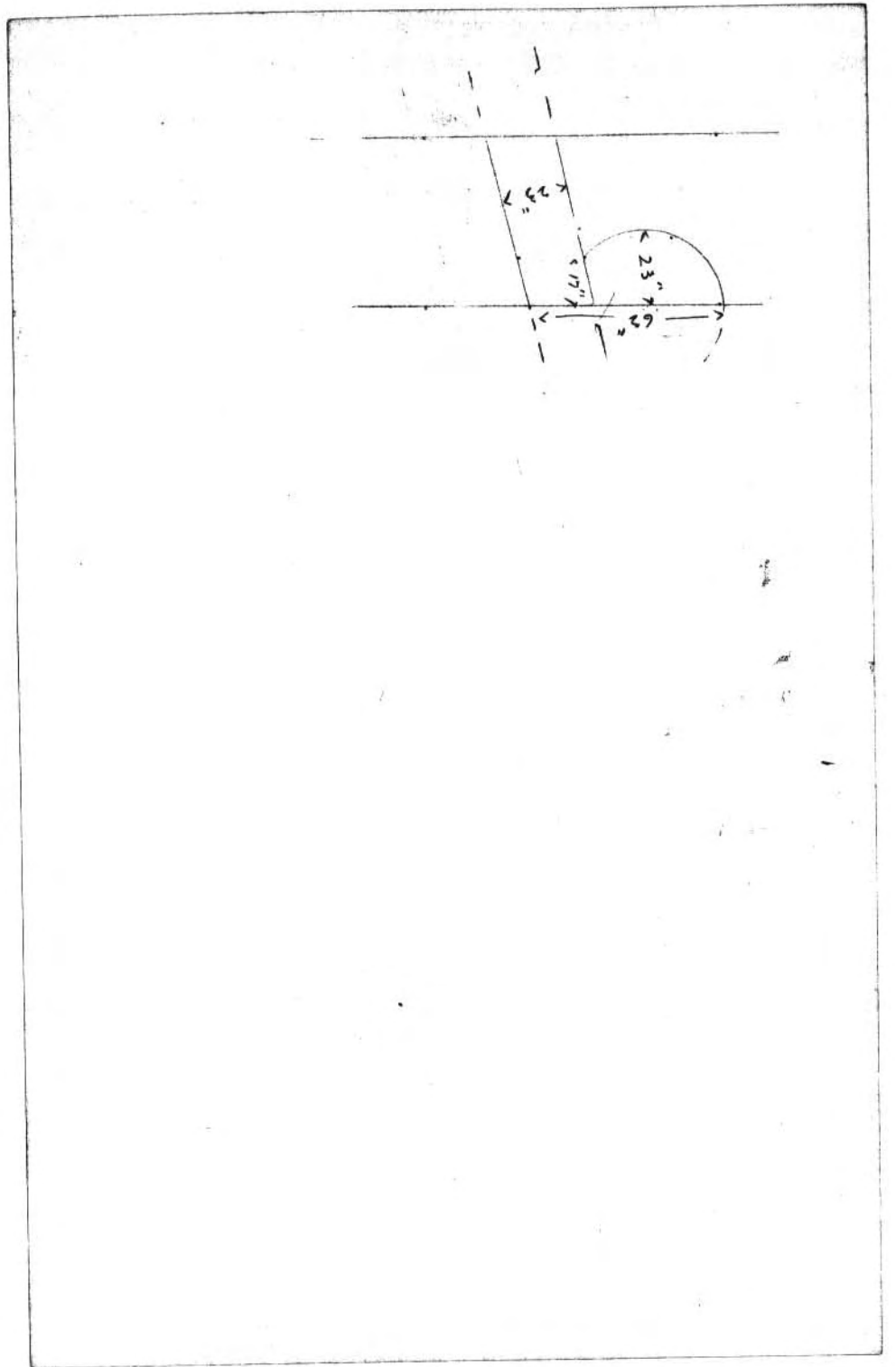
Directly below N. side of this structure are 3 upright s.s. slabs, 33" h., bound together with mud, & embedded in a floor that lies 9' 10" below present Ct. level which here slopes down to Kiva Q & is c 2 1/2 ft. below av. Ct. level & 3' below that @ R. 136 & c 4 1/2' below level of the plain.

¹¹ Slabhouse This remnant of a 2nd Slabhouse (its floor destroyed beyond 4' fr. slabs) had been covered by blown sand & occupational debris & this, in turn, was buried under later, layered debris of occupa. & reconstruction. The same layers continue horizontally to N. of slabs but basic layer of stratified sand rises to N (continues to) bottom of our trench here c 12' below av. Ct. level.

West Court (Trench-9) - 15

A slab-lined fp. 36" N-S. x 16" d., was encountered in middle of trench, built in a layer of occupa. debris with top of slabs @ a former surface c 12" below ^{present} surface.

^{Kiva Q} The outside wall of Kiva Q, here 3' 10" h., stands 160' fr. R. 136 & slopes inward @ bottom. Our trench continued to depth of 10' below top of wall or c 12' below av. Ct. level, the lower 3 1/2 ft. thru clean stratified sand. # Inner curve of Kiva Q is 165 ft. fr. R. 136. Its floor c 11' below av. W. Ct. surface or c 5' below level of plain.



West Court - (E. side - 1) - 16

2nd type
sub-plateau

Hum
@ 6'

The W face of a partly raged 2nd type wall passes under E side of Court 96' fr. The SE corner crosswall extends thence 31'5" NW to an outer corner 121' fr. R. 137 & 10'3" fr. S. jamb of East Gate, thence E. 3'9" where it was raged, presumably upon construct. of R. 34. This 2nd type wall, 23" th. (fits assoc. floor 6' below last Ct. level) had been raged an av. of 2'9" above its floor or c 3'3" below Ct. level.

Paralleling W. face of this 2nd type wall @ dist. of 3'10" is another of like construct. 14" th. @ N. end & 25" @ S., standing on a 9" h. founda. & raged an av. of 3' above its assoc. floor @ depth of 6 ft. From its outer NE cor., 119'6" fr. R. 137 & 13'5" fr. East Gate, this 2nd wall extends SE 40'2" to an outer SE corner 85'10" from SE entrance crosswall & 10" fr. E. side of Court. Here, @ its SE cor., this NW-SE 2nd type wall, 25" th., ties with

(Human pelvis found under this corner - see E. side ad. 8)

West Court - (E. side - 2) - 17

another of like construction & also 25" th., that extends W. 16'4" to a raged end 79'6" fr. R. 137.

Paralleling N. face of this E-W, 2nd type wall @ a dist. of 12'3" is another, av. 24" th. & raged 6'2" fr. its union with the W member of the NW-SE pair.

A 3rd paralleling 2nd type wall, 21" th., abuts the W member 100'8" fr. R. 137 & extends W c 8' where it also was raged (c 17' fr. E side of Ct). Here, in the W member & in line with the N face of this 3rd E-W wall, 102'5" fr. R. 137, is the 13" h. S. jamb of a former door 19" across the sill. Using this 3rd E-W wall as a base & the W. member as a hypotenuse, a built-in triangular block of solid masonry, 2nd type on the exposed W. face, extends N. @ L to its 3'8" w. base 15' to an inside corner formed by the W. member of the NW-SE pair & a 30" l. remnant of a 4th E-W 2nd type wall.

E. side - 3
West Court - ~~3~~ - 18

On an assoc. floor @ depth of 6'2", 5 1/2 ft. W. of the solid Δ & 6' N. of the 3rd E-W wall is a fireplace, 15" N-S x 17" x 7" d., formed by 7 s.s. slabs on edge. At N end of the Δ the W member of the 2nd type NW-SE pair is only 14" w.; it stands on a 9" h. founda. 3'10" fr. its opposite & was razed to within an av. 4' of its assoc. floor @ 6'. This latter is overlain by mixed debris of occupa. & reconstruction to last utilized Ct. level.

The 4th E-W 2nd type wall was razed 30" fr. its E end & the rest incorporated in the founda. of a 3rd type wall 20" th. that, in turn, was razed @ end of 16'3" (32'3" fr. S. jamb of E. Gate) & 114'10" (!) of R. 137. The base of this razed 3rd type wall lies 29" below last Ct. level, (here 12" \pm lower than @ sides of Ct.) 3'9" above the 2nd type floor.

Resting on same level with this 3rd type replacement to the partly razed (E-W 4th) 2nd type wall is part of a small room whose masonry is probably 3rd type

West Court - (E. side - 4) - 19

altho it may be 4th. It includes no dressed friable s.s.; its walls were broken down to within 16" of their assoc. floor; its E. end is 3'8" w. inside. Its outer SE. cor. is 119'4" fr. R. 136 & 26' fr. S. jamb of East Gate; its S wall, now only 6'8" l., was razed 117'10" fr. R. 136.

Besides that on the 4th E-W 2nd type wall, there are indications of 3rd type replacements on both the partly razed, 2nd type walls outside Rs. 35a & 146 which appear to have been utilized as foundations for later structures.

Abutting & overlying these paired 2nd type walls is one of 3rd type construction, 24" w. & razed an av. of 22" above its founda. or c. 3 1/2' below last Ct. level. The wall emerges fr. under E. side of Ct (outside R. 146) 106' fr. SE. cor. entrance & extends thence 12'4" W. where it was razed 100' fr. R. 137. The partly razed 3rd type wall seats upon a 30" h. founda. that stands on

3rd type founda. on 2nd type floor

~~34~~ ³³
West Court - (E side - 7) - 22

8/18/26

15'1" fr. E side of Court & 80'10" fr. R. 137, the inner NE corner of another partially razed 3rd type structure abuts & overlies ^{P 31/10"} the razed W end of the southernmost of 4th E-W walls joined to the W member of the sub-Court 2nd type passageway - described above (outside R. 146). The structure's identifying masonry, av. 13" th., had mostly been stripped away but the remaining foundations, av. 14" h., stand on a level 3'10" below ^{hence, probably 3rd type} last occupied Court surface. Inner E side of structure is 11'4" long; 4'4" fr. its SE cor. & on its floor 2'8" below the Ct. surface is a 2-step masonry block, 25" N-S. x 21" W. x 10" h., plastered & whitened, & the plaster rounding off with floor. Chinking on N end of step block entirely of potsherds. Upper step has a 4" riser & a 10" tread on same level with an external pavement 22" below Ct. surface.

Outer NE cor. of this 3rd type structure is broken

~~35~~ ³⁴
West Court - (E side - 8) - 23

down but an apparent extension of ^{it} E wall continues N. 5'9" & was there razed; outer SE cor., 15'1" fr. E side of Ct. & 68'5" fr. R. 137. Both N & S walls, the former now 4'3" h. & the latter 5'2", had been razed @ W ends & the floor betw. broken thru, presumably acct construction of the great sub-Ct kiva.

An adolescent human pelvis was found below the outer NE cor. of this 3rd type structure, against the N face of the ^{founder} E-W 2nd type wall. A foot of debris of demolition had collected upon the surface @ depths of 22"; below it, mixed debris of occupation & reconstruction.

West Court - (SW Corner - 1) - 24

3rd type (?)

last Ct. level

on all plans

most shown on 3rd type plan

E side Kiva 130 enclosure, of indefinite masonry (but prob. 3rd type) & with no foundation, ^{white plastered} abuts N wall of R. 131 with its base 4" below sill of blocked R. 131 door. Sill apparently @ last Ct. level, 50" above a R. 131 floor (only 1 noted in our test). E side of Kiva 130 enclosure has no visible founda. but 18" above its base (or c 14" above Ct. level) the masonry sets back as tho for realignment leaving a full-length offset 5" w. @ S. & 18" w. @ N where it ends 12" short of NE cor. of enclosure. Here, built on last Ct. surface & abutting the below-offset part of the wall 5' fr. its N end, is a meaningless 2-sided adjunct 19" w. & open @ N. Its 2 walls, 20" th. on E & 15" th. on S, ar. 5" h. South side overlies a N-S. wall 4 ft. 16" h. with its base 23" below Ct. surface (only 2 1/2' sect. exposed) paralleling paralleling @ dist. of 10" the below-offset portion of the Kiva 130 enclosure.

West Court - (SW Corner - 2) - 25

Sub-Court kiva, partly razed: Inner curve emerges fr. under E side of Kiva 130 enclosure 38" & 18' 5" from SW cor. of Court; 10' N of corner, E arc is 6' 5" fr. upper part of enclosure wall. Kiva wall, 18" th. & plastered inside; floor & bench not exposed in our test pit. dia. @ floor c 17'.

most shown on plans

In SW cor. below last occupied Ct. surface 2 earlier surfaces about the whitened plaster on N wall of R. 131 @ depths of 10" & 23". Various narrow, poorly-laid foundations appear on these 2 surfaces, mostly razed within 4-5" of their respective pavements.

One such founda., 12" w. x 13" h., razed c 8" above the surface @ depth of 10" (its base is 5" below ^{or 15" below surface} same surface) abuts the whitened R. 131 N wall 5' 6" fr. SW cor. of Court & extends thence 22' 11" N. to outer NW cor. of a small room 7' 10" fr. Kiva 130 enclosure. In its length, this wall

West Court -^{*}(SW Corner -3) - 26

abuts ^{outline} N & S. sides of sub-cl kiva. The small room @ N end, 5'10" sq. inside, is outlined by foundations of varying width: N., 8"; E., 18"; S. & W., 12". All were razed flush with an apparent work surface 10-11" below Court level. A like surface lies 7" lower. The N founda., 8" th. & 22'3" fr. R. 132, overlies the S. member of the 1st paired cross-Court walls. The E founda., 18" th., is an extension of a 12" th., founda. that abuts R. 132 12'5" fr. SW cor. of Court as E side of the S. unit of the 3-room series, all on the same earlier surface @ depth of 10". The N side of this S. unit is 5'9" fr. R. 132.

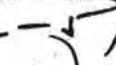
The earlier surface @ depth of 23" likewise abuts plastered N wall of R. 131 & 10'11" E of SW cor., rounds up to a plastered wall fgt., 18" w. x 14" h., that apparently was razed 4'3" fr. R. 132 against the outer S. side of what appears to be the ventilator tunnel for the sub-cl kiva under Kiva 130.

West Court -^{*}(SW Corner -4) - 27

This vent tunnel, 17" w. x 18" d., with walls 10" th., is masonry-lined & slab-paved; its inner SE face underlies W side of the 3-room N-S series 5 1/2' fr. SW cor. & 22" from R. 131 (tunnel not exposed W of that point) & extends NE to end in a circular construction resembling the vent shaft of Kiva B. This circular construction, 21" dia., inside, underlies the NE cor. of the S unit in the 3-room series where its inner E. face is 13'8" fr. SW cor. of Ct. & 6'10" fr. R. 132.

^{not on plan} In this same area, on or slightly below surface @ depth of 23" are several roughly built parallel "walls" av. 8" th. x 10" apart, all lacking identifying masonry & without meaning.

^{3 1/2' high} Abutting the middle E side of the 3-room series 10'7" fr. Rs. 132-133 is a partly razed wall 12" w. that extends E 6'7" & there, 21" fr. Kiva 130 enclosure, abuts an 8" w. N-S. wall fgt \leq 3' long, razed @ both ends.

West Court ^{to} (SW Corner - ) - 28

3rd type? E of sub-ct features in SW corner are several frag-
mentary walls of little or no significance:

a. A wall fgt. 14" w. & razed to 10" h., without foundation
abuts the outer N. wall of R. 135 @ 44'11" fr. SW cor. of Ct.
✓ & extends N. 15'11" where it was razed, 47'2" fr. W. side
of Ct. & 16" fr. inside NW cor. of R. 351.

b. A fgt., E-W & 12' from S. end of Court, N. of R. 134-135, is
6" th. x 3' l., razed c 4" below last Court surface.

c. A N-S. fgt. 6" th. x 3'9" l., razed @ both ends, parallels E side
of Kiva 130 enclosure @ dist. of 36'9" & ends 6'2" N. of R. 134
against a slab-lined fireplace (26" E-W x 21" x 7" d.) top of
slab at last Ct. surface. (Another surface 7" lower). Beyond

1 N end of this fgt., (11'10" fr. R. 134) is a shrine or repository
13" inside dia. x 13" d., with 2" th. masonry walls, top at
last occupied Court surface.

West Court ^{to} - 29

large pit fireplace.

8-1924

3rd type? Middle W. side: Last apparent occupancy level lies about
6" below sill of blocked E door of R. 331 & at roof level
of Kiva X. On same level or slightly above is NE. cor.
of Kiva W. enclosure; a wall fgt. 11" w. x razed to 11" h.,
✓ extends E. 35" fr. that corner as tho partly to enclose Kiva X.
4 occupancy levels noted in the 10" earthy fill below
that wall fgt.

3rd type? 30" E of outer NE cor. of R. 330 is a masonry lined
fireplace, walls av. 10" th., finished & plastered on inside only;
originally 3'8" w. x ~~5'8"~~ 5'7" N-S., fp. was later divided by
cross wall 24" th., plastered on both sides. Reduced fgs.
both show continued use; successive occupancy levels
noted beneath. E. of these fgs. & N. of Kiva X is remains
of a small structure 11'3" on N. x 7'1" on W inside, walls
av. 10" th., were razed to av. 3" h. Inner NW cor. is 37'3" fr.
outer NE cor. of R. 324 & 33' fr. SE cor. of Kiva Z square; inner
SW cor. is 25'1" fr. outer SE cor. of R. 332. Only W. end remains.

West Court - 13 - 30

8-30-26

From E. side of Kiva X, 16'4" fr. R. 332 & 108'5" fr. R. 131 a partly razed section of poor 3rd type masonry ^{based on acc. "subf. Kiva"} 16" w. extends E. 14 ft. to a broken end 108'8" fr. R. 131. This fgt., av. 15" h., stands on a 17" h. founda. & was razed @ or just below last Ct. level. Four feet short of its broken E. end & on same surface, @ depth of 14", the section is abutted on N. side by a drain-like pair of irregular masonry walls av. 4" h. x 7 1/2" apart, smoother inside than out & conforming to undulations of Ct. surface on which built. Work of children @ play? (No. 32640A)

About 2 ft. S. of this 3rd type section & on a surface @ depth of c 3 1/2 ft is a section of foundation, 27" w. x 22" h. x 12'8" long, without identifying masonry & razed c 20" below last Court level. Its W end is 22 1/2 ft. fr. R. 332 & 104 1/2 ft. fr. R. 131; E. end is 105'10" fr. R. 133c 3 1/2 ft. below Ct. level the N face of this unidentified founda. rests upon & overhangs by 4" a section of masonry 26" w. x 15'8" l., built of both

West Court - 14 - 31

dressed & undressed friable s.s. blocks (base not exposed). About 8" beyond its razed E. end & 106'2" fr. R. 133 this masonry formerly tied with a now-razed N-S wall 28" w. Loose shale overlies the broken corner & slopes down to the east. At 23'2" fr. R. 332 & 107'1" fr. R. 131 this lower masonry, 26" w., abuts a N-S. fgt. 10" w. & now only 30" l. but, on opposite side of the 10" w. fgt., continues an additional 5' where, on a surface @ depth of 4'4" ~~17'1" fr. R. 332 & 106'10" fr. R. 131,~~ its N & S faces are abutted by a 15" th. wall the W face of which is 17'1" fr. R. 332.

West Court - (West side - 15) - 32

8/17/26

East side of Kiva V-W enclosure (1):

Non-descript masonry 11" w. x 11" h. abuts outer SE cor. of R. 332 @ sill level & extends E 35" on last Ct. surface to tie with E side of Kiva W enclosure, also built on last Ct. surface. Ct. wall is 3rd type so that @ N. end must be also.

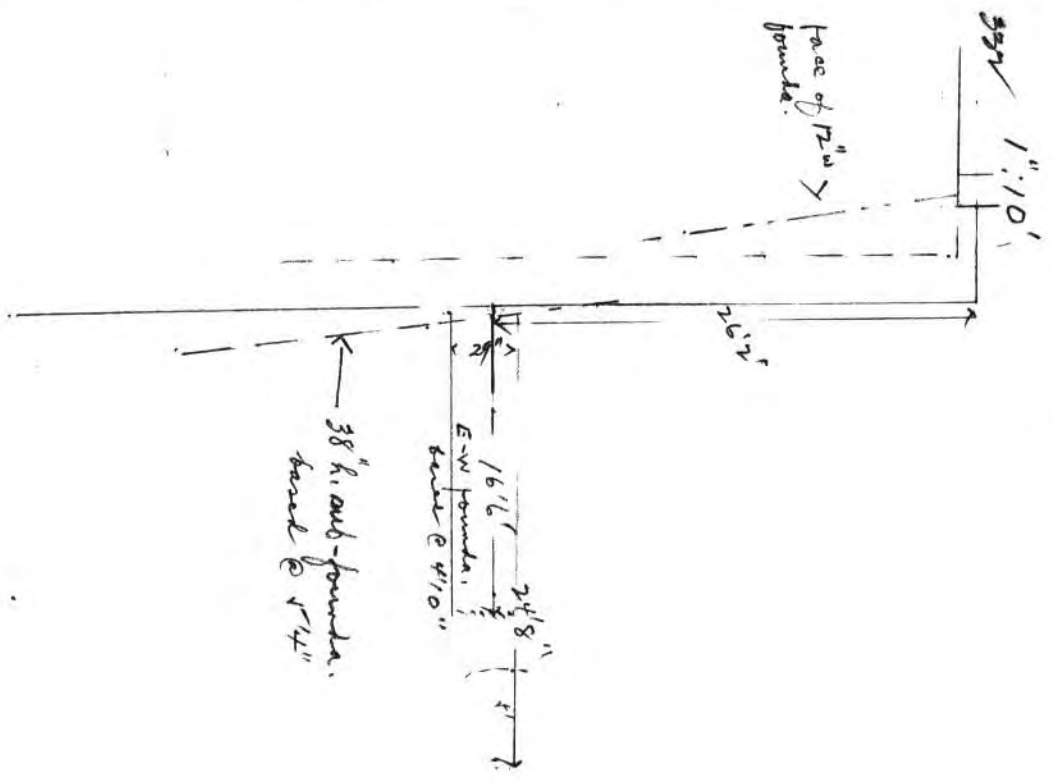
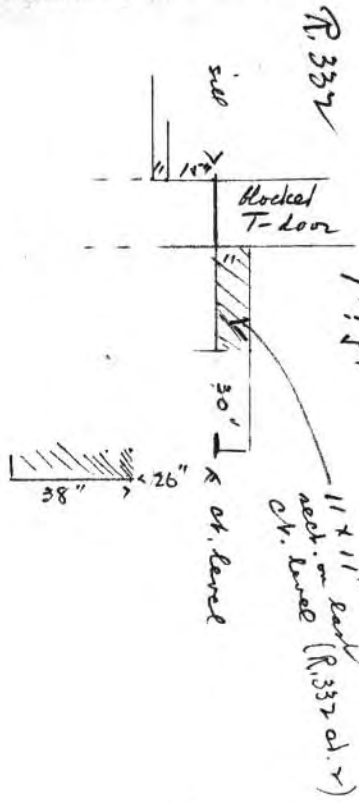
See NE 1/4
of Kiva W notes

About 20' S. from NE cor. of enclosure & 26" below Ct. level an underlying founda. 38" h. ^(based 3' 4" below) & composed of large irregular blocks of friable S.S. in much adobe mortar emerges fr. under W. Ct. wall & points S. 26' from NE cor. of the enclosure the face of this underlying foundation stands 10" outside present Ct. wall & 3-4" farther S. this offset increases to 13" & the founda. divides into 2 parts: a lower, 26" h. & an upper, 12" h. & set back 3" fr. face of the lower (total, 13" fr. face of Ct. wall). With this set-back gradually increasing to 10" the divided founda. continues S. & finally was razed \approx 60' fr. NE cor. of the enclosure

West Court - (W. side - 16) - 33

with the lower portion standing against the E. face of another partly razed founda. 18" th. x 20" h. that extends S. an additional 5' & there is lost under a mass of constructional debris or rude stonework near N. side of the Kiva 130 square & \approx 15' W. of its NE corner. (Continuation N. of the 18 x 20" founda. was not attempted).

26' 2" fr. NE cor. of the Kiva W enclosure the underlying 38" h. founda., its base 5' 4" below Ct. level, is abutted by an E-W. foundation, 29" th. x 18" h., ^(top 4 1/2" below Ct. level) without identifying masonry but based 4' 10" below Ct. level, that extends E. 16' 6" where it was razed (27' 3" fr. NE cor. of Kiva W square). E. end of this unidentified founda. stands upon edge of an excavation dug thru hard soil that retains tool marks (apparently stone axes). This excavar. was ^{purposely} made for the great sub-Ct. kiva 2 area of which were revealed by our 1925 West Court trench & where tool marks were also



$$\begin{array}{r} 16'6'' \\ 24 \\ \hline 14'2'' \end{array} \quad \begin{array}{r} 9'2'' \\ 14 \\ \hline 10'6'' \end{array} \quad \begin{array}{r} 10'6'' \\ 9'2'' \\ \hline 1'2'' \end{array} \quad \begin{array}{r} 10'6'' \\ 1'2'' \\ \hline 11'8'' \end{array}$$

Recon. N. W. Ag.

2 foundations

a - 17'6" fr. NW cor.

14" w. x 14" h.; no masonry

on fl. @ 9'2" above base
break surf. @ base, N wall
reput @ level of 5'

b. - 20' fr. NW. cor.

12" w. (base not exposed)

on fl. @ 10'6" above work
surf.; repute 7" above ground
at end of 9'9". This

30" h.,
E side, built
on last ch. level.
gives 35" E of 332 cor. about 1 end of R. 332
is 11" x 11" R.

E well; repute 9'9" S,
where it is 16" fr. rough
margin of 3rd type E end
of kind W. square.

