

TIJERAS PUEBLO 1970s ROOM EXCAVATIONS

Part 5: Room Blocks 5, 6, and 8, Large Kiva, and Discussion

By

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**MAXWELL
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Maxwell Museum Technical Series No. 34, Part 5

Maxwell Museum of Anthropology
MSC01, 1050, 1 University of New Mexico
Albuquerque, New Mexico 87131-0001
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2022

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PREFACE

In 2021, in a loss for the local archaeological community as well as for her family and friends, Lou Schuyler went from apparent good health to dying of cancer. Before then, however, she completed a manuscript summarizing the room excavations at Tijeras Pueblo. Like all her work for this series, the Tijeras room descriptions reflect her ability to organize information from disparate and sometimes conflicting sources, and to present that information in a coherent narrative.

During the editorial process, Lou broke the manuscript into multiple parts. She had not reviewed the first edited draft of Part 5 by the time she became too ill to proceed. Jean Ballagh, an outstanding editor and frequent contributor to this series, volunteered to review that draft. Changes were kept to a minimum, however. To provide two examples, Lou's initial drafts used "fire pit" or "hearth" as those words appeared in field records, and did the same for "matrix" versus "fill"; in Part 5 we made no attempt to modify such terms in the name of greater precision. Also, neither Jean nor I know the subject matter the way Lou did. The reader is warned that inconsistencies and mistakes may have slipped through that would have been eliminated, had Lou lived a few months longer.

Lou had a strong sense of the proper order of presentation of the Tijeras room descriptions. I asked her to explain her approach; her answer appears as the final paragraph of Chapter 1.

David A. Phillips, Jr.
Series Editor



Chapter 1

INTRODUCTION TO PART 5

This volume is a continuation of the descriptive report and finding guide for Tijeras Pueblo room excavations during the 1970s. Parts 1 through 4 of this report (Schuyler 2020a, 2020b, 2021a, 2021b) describe Room Blocks 1–3. This volume describes Room Blocks 5, 6, and 8 and the large detached kiva, shown in Figure 1.1. The report closes with a summary based on the descriptions in Parts 1 through 5.

The reader is referred to the Preface, Acknowledgements, and Chapter 1 in Part 1 of this report for a complete introduction to the study and for an explanation of methods followed. The appendices will appear in the final part of this report. Table 5.1 identifies the rooms discussed in Part 5. In the chapters, rooms are sometimes presented in the most logical order rather than in sequence by room number.

Table 1.1. Rooms Discussed by Part 5 Chapter.

Chapter	Rooms
2	6, 14
3	97–100
4	3, 9, 10, 16-26A-26B, 25, 127
5	4, 5, 11
6	12, 13, 18
7	130 (including “Room 123”)
8	129, 133–136
9	Large kiva

In certain chapters, only a few rooms are covered because they were excavated together or because the excavations interfered with each other, and what was found in one room is helpful in understanding what was found in another. In these chapters, rooms are discussed in the order that explains their relationships rather than in numerical order. Otherwise, rooms are covered in numerical order as their excavations were mostly or entirely unaffected by excavations in neighboring rooms.

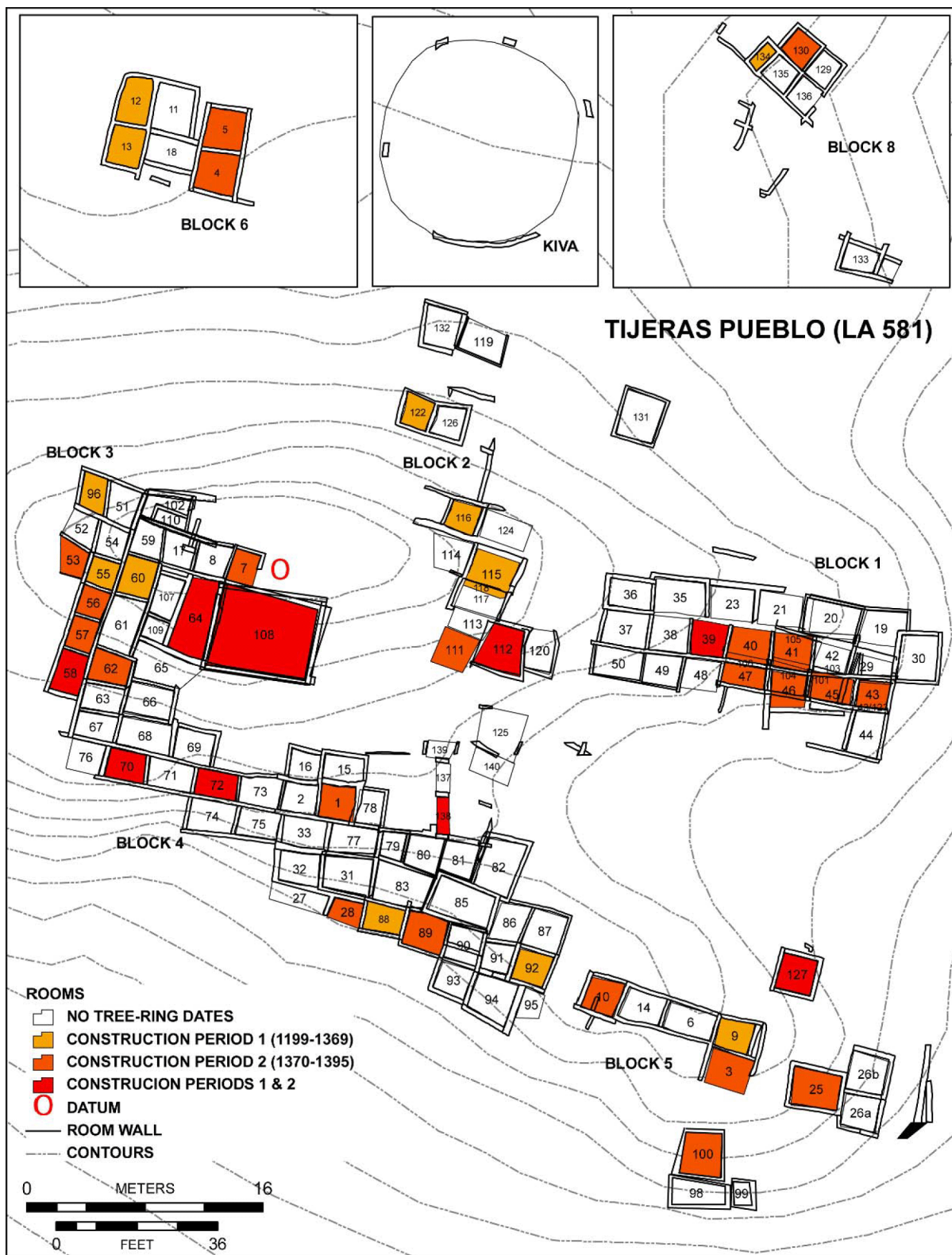


Figure 1.1. Map of the main portion of Tijeras Pueblo, showing construction periods and the numbered rooms. Prepared by Nicholas E. Damp; courtesy of Linda Cordell.

Chapter 2

ROOM BLOCK 5, ROOMS 14 AND 6

Rooms 6 and 14 were both excavated in 1971. Excavation in Room 14 continued in 1972. Figure 2.1 shows the two rooms relative to adjoining rooms in the room block.

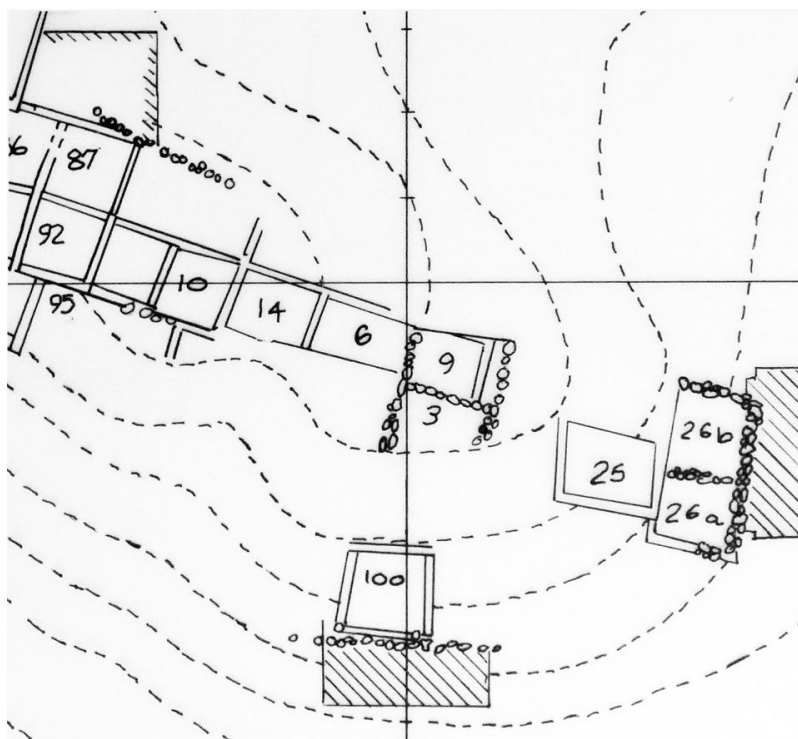


Figure 2.1. Locations of Rooms 6 and 14 in Room Block 5.
Source: Cat. No. 2005.25.15165.

Room 14

1971 Excavation

James Judge led the 1971 excavation that identified this room, which is shown in Figure 2.2. Seven student notebooks (Cat. Nos. 79.84.36, .42, .43, .46, .47, .51, .63) describe work in the room from July 7 through July 22.

Data from Field Forms (Cat. No. 79.84.4)

Room Data Sheet. The sub-datum for this room was at 100S/100E, at 11.42 feet BD. Four adobe walls were identified (Table 2.1) and three floors were excavated.

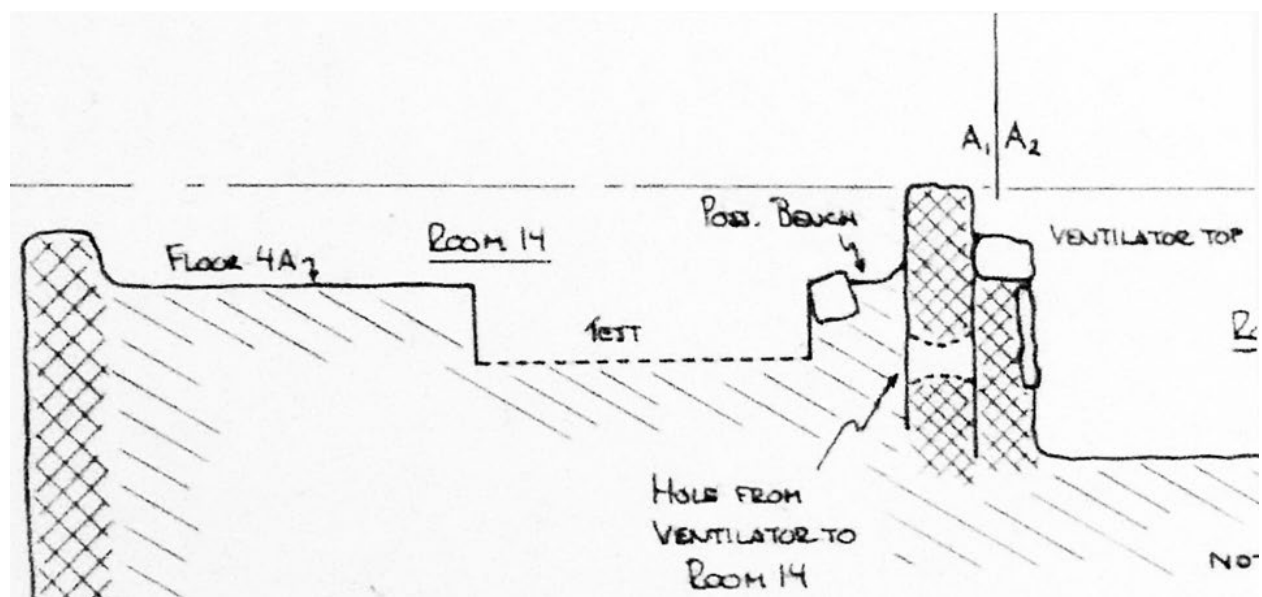
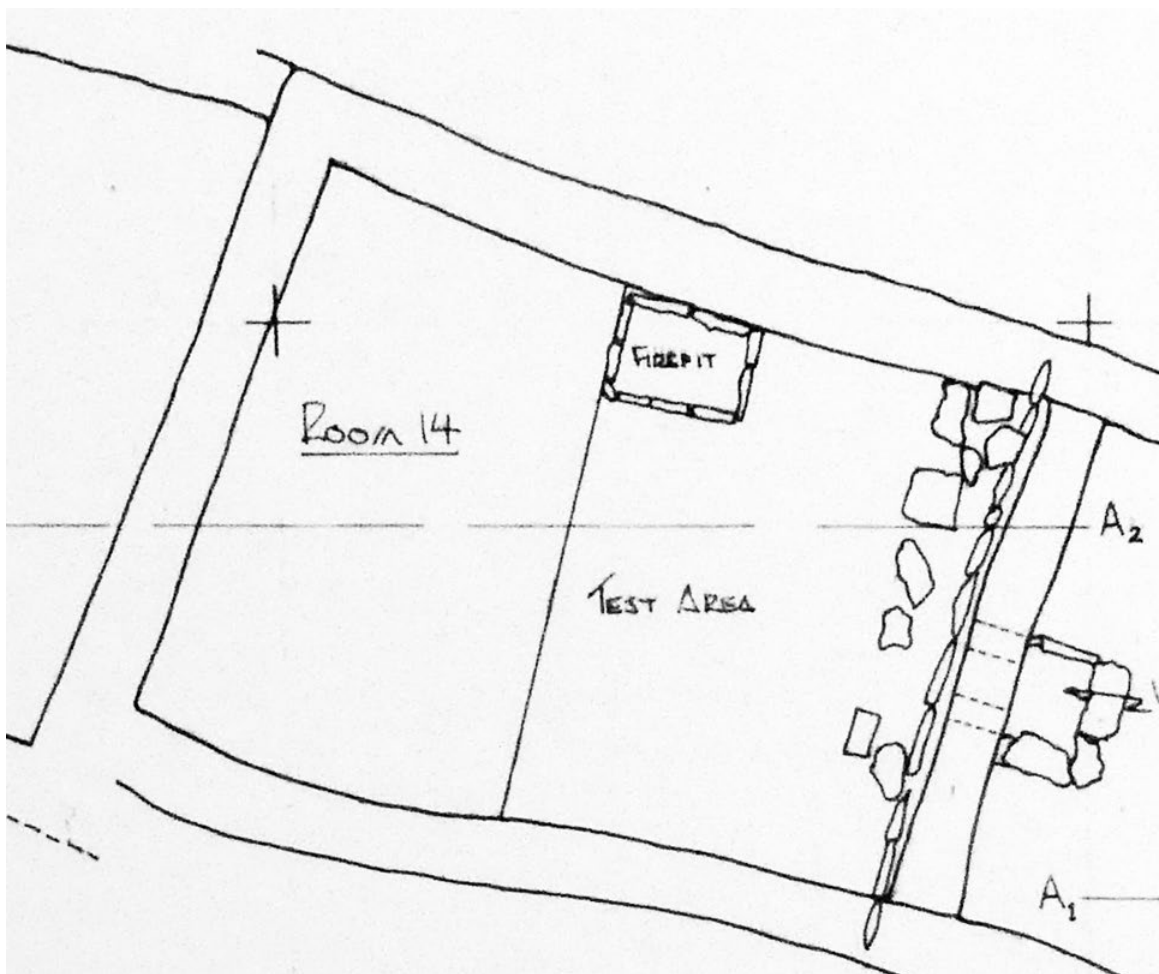


Figure 2.2. Plan and profile of Room 14. Source: Cat. No. 2006.1.3.

Table 2.1. Room 14, 1971 Wall Measurements.

	Length (ft)	Height (ft)	Thick (ft)
North	9.35	1.0	0.9
East	6.7	1.6	0.65
South	9.8	1.1	0.9
West	6.1	1.0	0.65

The depths of the corners were recorded as 3.58 feet BSD (northeast), 3.0 feet BSD (southeast), 1.5 feet BSD (southwest), and 1.3 feet (northwest).

The fill contained adobe chunks, trash, and two ash lenses, and was “clayey” below the second floor (4B). The lowest floor was not reached in 1971.

After excavating the first floor (4A), the east half of the room was taken down to the first level of fill below the first floor (5A). The east wall was rock-faced for the top 6 inches. After removing the facing, an interior adobe wall was identified.

Grid Level Records. The east wall of Room 14 was the west wall of Room 6. While excavating the first floor of Room 14, the students found a hole in the east wall, above the floor. The hole extended into Room 6 and may have led to the ventilator shaft on the Room 6 side of the common wall.

A diagram showed Feature 1 (F1), a stone-lined hearth, at the middle of the north wall.

Feature Forms. A form for a hearth (F1) placed it at 12.92 feet BD at grid location 101.3–100S/084–085.8E, 1 to 1.3 feet from the north wall. The hearth measured 1.8 feet wide and 0.25 foot deep and was filled with packed dirt and a small amount of ash and charcoal. The hearth was associated with the first floor (4A).

A form describes the hole in the east wall that led to the ventilator shaft in Room 6. The hole had been cut through the wall and later was filled in.

Observations from Notebooks

The room was first identified in grid unit 110S/080E (Cat. Nos. 79.84.42 and .63). The south adobe wall was plastered adobe (Cat. No. 79.84.42).

A slab-lined hearth (F1), surrounded by adobe that had fired red, was found at the north wall. The hearth did not appear to be on a floor (Cat. Nos. 79.84.43 and .63). At first the hearth was associated with the first level fill (2A); later it was associated with the first floor (4A) (Cat. No. 79.84.42).

In the east half of the room, the students found a wall behind a rock-faced wall (Cat. No. 79.84.42). They cleared the east half of the room to the first level of fill below the first floor (5A)

and found a second (“inner”) east wall after removing the rock facing from the first identified east wall (Cat. No. 79.84.43).

The students dug a test pit in the northeast quadrant of the room (Cat. No. 79.84.51).

Summary of Excavation by Level

Table 2.2 summarizes the 1971 excavation by level.

Table 2.2. Room 14, 1971 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1A – 1 st surface level	Located at 11.42 feet BD, matrix of loose dirt.	
1B – 2 nd surface level	Located at 11.52 feet BD, matrix of loose surface dirt.	
2A – 1 st level fill	Located at 12.72 feet BD, matrix of loose and hard brown dirt mixed with rocks and adobe.	East wall lined with flat rocks (Cat. No. 79.84.42).
4A – 1 st floor	Located at 0.30 foot BSD/12.72 feet BD, made of adobe, plastered, with a fire pit. Excavated west half of room.	Located at 1.5 feet BSD (Cat. No. 79.84.46). Identified in west half of room (Cat. No. 79.84.43). Fire pit (F1) found at north wall, originally associated with 2A (Cat. No. 79.84.42).
5A – 1 st level fill below 4A	Located at 13.58–14.43 feet BD, matrix of loose dirt with adobe chunks, some sandy soil and vegetal matter. Excavated a 3 foot wide strip located 1 foot west of the east wall. Feature 1 (F1) was a stone-lined hearth.	
5B – 2 nd level fill below 4A	Located at 13.37–15.08 feet BD, matrix of mixed adobe and dirt.	
4B – 2 nd floor	Excavated in southeast quadrant of room. Made of adobe, with a fire pit.	Not well defined (Cat. No. 79.84.47). Located 2 feet below 4A, with fire pit (F2) (Cat. No. 79.84.43).
4C – 3 rd floor	Excavated in northeast quadrant of room. Made of adobe.	Located 2.6 feet below 4A (Cat. No. 79.84.43). Beautiful, hard floor (Cat. No. 79.84.47). Located at 11.42 feet BSD, gray hard packed clay (Cat. No. 79.84.63).

1972 Excavation

James Judge led the 1972 excavation of Room 14. Four student notebooks (Cat. Nos. 79.84.72, .75, .79, and .91A) describe work in the room from June 13 through June 20.

Data from Field Forms (Cat. No. 79.84.4)

Room Data Sheet. I found a second room data sheet and based on the students who completed it, I assume that it was created in 1972. The wall measurements (Table 2.3) and other data on the sheet differ from those reported in 1971 (Table 2.3).

Table 2.3. Room 14, 1972 Wall Measurements.

	Length (ft)	Height (ft)	Thick (ft)
North	9.3	3.2	0.8
East	6.5	3.3	0.7
South	9.9	2.7	0.75
West	8.0	2.8	0.8

The depths of the corners were recorded as 2.9 feet BSD (northeast and southeast), 2.85 feet BSD (southwest), and 2.7 feet (northwest).

The fill was loose dirt, charcoal, and adobe chunks. In 1971 the function of the room was uncertain, but in 1972 it was identified as a habitation room. Again, the lowest floor was not reached.

Feature 2A (F2A) was a hearth associated with the second floor (4B) and with the level of fill above it (5C). A second hearth (F5) was associated with the third floor (4C).

Grid Level Records. The grid level record for the first level of fill below the first floor (5A) places the sub-datum at 100S/080E, which differs from the value provided for the 1971 sub-datum.

In discussing the first level fill below the first floor (5A), the students thought that the rocks found below 5A were roof fall. They indicated that the west half of the room should be recorded as 5B (second level of fill below 4A), which did not necessarily correspond to the Level 5B excavated in the room's eastern portion in 1971.

Feature Forms. Feature 3 (F3) was a wall of sandstone slabs and mud, found 2 feet deep. Feature 3 was located at 0.05 foot BSD in grid location 106–105S/081.5–078E, and was 4 feet long.

Feature 2A (F2A), associated with the second floor (4B), was located at 2.6 feet BSD at grid location 104.5S/085.2E. Feature 2A was a slab-lined pit surrounded by burned adobe. The

feature measured 1.9 by 1.6 feet by 0.9 foot deep and was filled with dirt, ash, and charcoal. Its slab bottom lay directly over a second fire pit.

Feature 5 (F5) was associated with the third floor (4C). The feature was located at 3.0 feet BSD at grid location 104.5S/055.2E, directly below F2A. F5 had slab-lined sides and bottom, with some rocks missing. It measured 1.8 by 1.5 feet by 0.6 foot deep and was filled with ash, clay and charcoal.

Summary of Excavation by Level

Table 2.4 summarizes the 1972 excavation of Room 14 by level.

Table 2.4. Room 14, 1972 Excavated Levels.

Level	From the Field Forms	From the Notebooks
5A – 1 st level fill below 4A	Matrix of adobe.	Removed (Cat. No. 79.84.91A).
5B – 2 nd level fill below 4A	Located in the west half of the room, not necessarily corresponding to 5B in east as dug in 1971.	Removed (Cat. No. 79.84.91A).
5C – 3 rd level fill below 4A	Located at 2.5–2.9 feet BSD. Feature F2A identified as fire hearth. Found roof fall along room’s west wall.	
4B – 2 nd floor	Located at 14.18 feet BD, made of packed mud, matrix of adobe.	Excavated (Cat. No. 79.84.75).
4C – 3 rd floor	Located at 2.9 feet BSD. Found roof fall in room’s west side. Floor did not extend under ventilator opening in east wall.	Located less than 1 foot below 4B (Cat. No. 79.84.75). Identified fire pit (Cat. No. 79.84.75).
4D – 4 th floor	Located directly under 4C.	Found but did not excavate (Cat. No. 79.84.79).

1974 Summary of Judge Excavations

Data from Field Form (Cat. No. 79.84.278A)

This form places the room in grid unit 100S/080E. The students dug down to the third floor (4C), to a depth of 2.8 feet BSD, with a subfloor test extending to 2.9 feet BSD. The room function is listed as “habitation/ceremonial.” (The 1971 forms include a discussion about whether the “possible” ventilator hole extending through the east wall, into Room 6, meant that Room 14 was a kiva. The 1972 field form states that Room 14 was used for habitation.)

Table 2.5 summarizes the floor descriptions. The form refers to the “sub floor test” below the third floor (4C) as revealing a possible additional floor at 2.9 feet BSD. The ventilator in Room 6’s fill was associated with Room 14’s second floor (4B).

Table 2.5. Room 14, Floor Descriptions.

Floor	Length (ft)	Width (ft)	Depth (ft)	Floor Material	Floor Features	Wall Material	Wall Features
4A	9.3	6.5	0.3	Adobe	Stone line hearth, plastered	Adobe, masonry	
4B	9.3	6.5	2.6	Adobe	Fire pit, plastered		Ventilator in plastered door*
4C	9.3	6.5	2.8	Adobe	Hearth, plastered		Door* in east wall
*None of the 1971 or 1972 field forms or notebooks mentions a door.							

Artifacts, Photographs, and Maps in the Collections

Table 3.6 lists the artifacts from Room 14 in the Maxwell Museum collections. Several artifact bags are recorded as coming from the first level of fill below the 3rd floor (7A). The current location of powdered clay, loaned to Linda Cordell, is unknown.

Table 2.6. Room 14, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Pollen	Flotation	Artifacts/ Other*
4A	x	x	x	x	x		x
4A-F1						x	
5A	x	x	x	x	x	x	x
5B	x	x	x	x			x
5C	x	x	x	x	x	x	x
4B	x	x	x				
4B-F2A							x
4C	x	x	x				x
7A	x		x	x			
4C-F5						x	
F2 and F2A	x	x	x		x		
F5					x		x
Strat. Column	x	x	x				
*Includes the following items: Level 4A: stone scrapers, an obsidian point, and a core. Level 5A: restorable ceramic vessel(s), core, a bone awl, a bone bead, a tooth, and fill from the possible ventilator. Level 5B: restorable ceramics, ceramic gaming piece, a chert point, a mano and mano fragment, metate fragments, a steatite pendant, core, and a bone pendant. Level 5C: ocher. Level 4B-F2A: ash.							

Table 2.6. Room 14, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Pollen	Flotation	Artifacts/ Other*
Level 4C: a worked sherd and a stalactite.							
Level F5: ash.							

The Maxwell Museum archives include six photographs of Room 14 (Table A.1). Figure 2.3 shows the fire pit (F2A) on the second floor (4B) and Figure 2.4 shows the fire pit (F5) associated with the third floor (4C).

Room 14 appears on maps created in 1971 and from 1973 through 1976. All of the maps provide plan views. One 1971 map (Cat. No. 2006.1.13) also provides a profile (Table A.2).



Figure 2.3. Room 14, Fire pit F2A on second floor (4B). Source: Cat. No. 80.24.686A.



Figure 2.4. Room 14, fire pit F5 on third floor (4C). Source: Cat. No. 80.24.687A.

Room 6

1971 Excavation

James Judge led the 1971 excavation of Room 6 which is shown in Figure 2.5. The room had three adobe walls, a masonry wall, a plaster floor, and a sealed doorway. Nine student notebooks (Cat. Nos. 79.84.37, .42, .43, .46–.48, .51, .62, and .63) describe work in the room from June 22 through July 22.

Data from Field Forms (Cat. No. 79.84.2)

Room Data Sheet. The sub-datum for this habitation room was at 100S/100E, at 11.68 feet BD.

The room fill included trash and adobe chunks. Only the east wall was masonry; the other three were adobe (Table 2.7). Doorways were found in the east and south walls, and the data sheet mentions a possible viga socket in the north wall. The doorway in the east wall had been sealed.

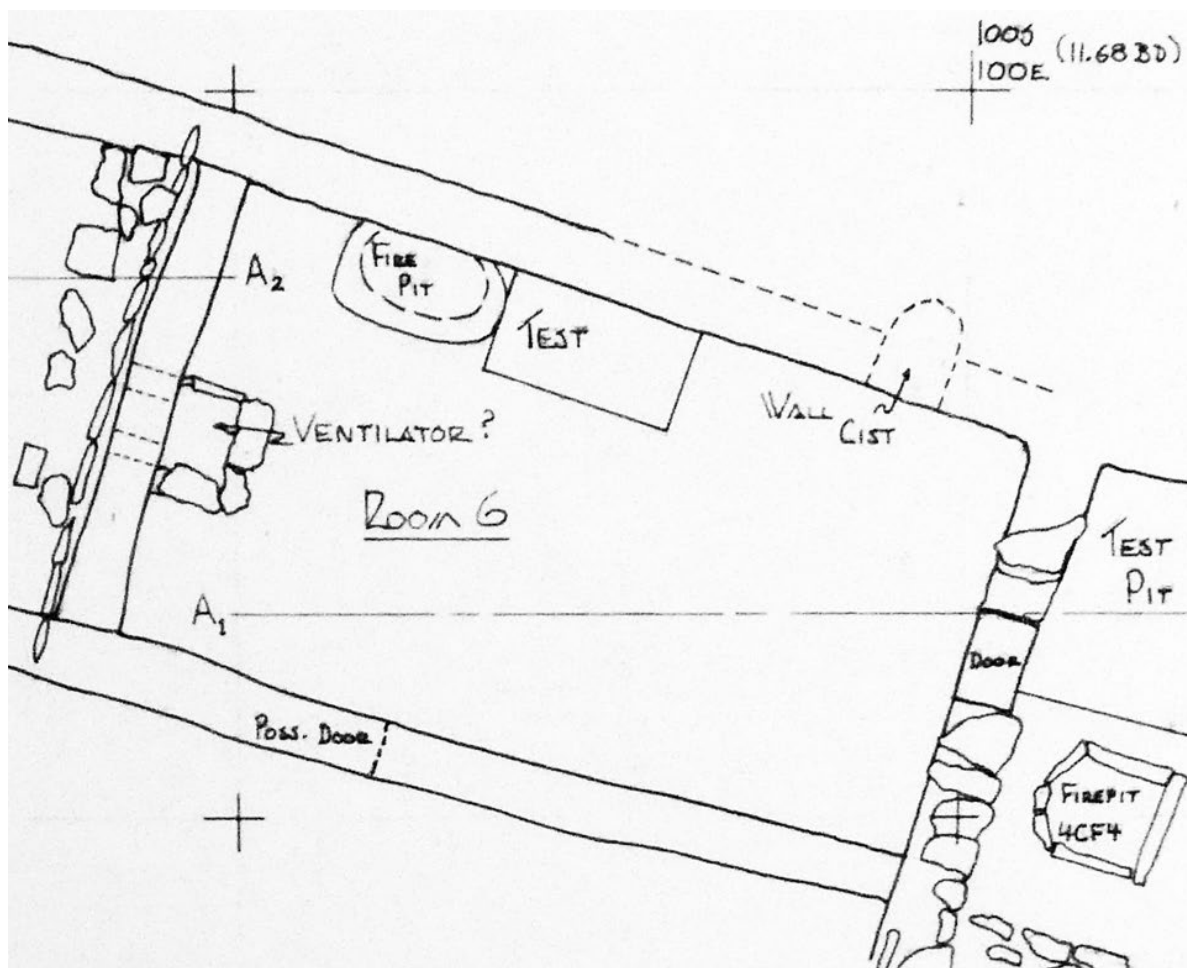


Figure 2.5. Plan and profile of Room 6. Source: Cat. No. 2006.1.13.

Table 2.7. Room 6, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	11.3	2.8–3.2	0.7	Adobe
East	6.1	2.8	1.1	Masonry
South	11.4	2–2.5	0.7–0.8	Adobe
West	6.5	3.2	0.6–0.7	Adobe

The room corner depths were 2.5 feet BSD (northeast and southwest), 2.3 feet BSD (southeast), and 3.3 feet BSD (northwest). The plaster floor (4A), which was 0.5 foot (inch?) thick, was located at 3.27 feet BSD. The floor was associated with a fire pit and a wall cist. Only one floor was found. The excavation did not reach sterile.

Six features were reported; two fire pits (F1, F2), a dog burial (F3), a possible ventilator shaft (F4) associated with Room 14 (the room west of Room 6), and the fire pit (F5) and wall cist (F6) associated with the first floor (4A).

Grid Level Forms. A form for the first (only) floor (4A) indicated that four of the features (F3, the dog burial; F4, the ventilator shaft associated with Room 14; F5, the fire pit; and F6, the wall niche/cyst) were found on the floor. A note indicated that Test 3 (T3) might have exposed a viga “hole” (socket) in the room’s north wall.

Feature Forms. F1 was most likely a grinding “box” (bin?) instead of a fire pit as indicated on the Room Data Sheet. The form for F1 describes charcoal from the top of the surface dirt and an ash lens and burned adobe extending down about 0.2 foot in the northwest corner of the room. A second (?) gray ash lens with a flat-lying rock slab at its base extended down about 0.3 foot and extended horizontally over most of the feature. The slab, found in the first level of fill (2A), lay over charcoal, had been cemented in with adobe, and lay over chunky adobe fill that included charcoal and roots (similar to the fill in the rest of the room). The grinding “box” (F1) measured 1.6 by 1.6 feet by 1.4 to 1.5 feet deep. F1 was associated with the fire pit (F2) and with stones above the dog burial (F3).

F2 was a possible fire pit located 0.5 foot below the surface and measuring 1.6 by 1.3 feet by 0.1 foot deep. F2 was on the same level as, and was associated with, the possible grinding “box” (F1) and with stones above the dog burial (F3). Two ash lenses overlay the stones and a small area of floor at the level of the stones. As the stones were removed, more floor was uncovered, as it had taken the shape of the rocks. An ash lens was also found under the top rocks.

F4 was a possible ventilator shaft that appeared to be associated with Room 14. The horizontal part of the shaft included a hole in the west wall of Room 6. The shaft measured 2.1 by 1.4 feet across and was 2.3 feet deep.

F5 was a possible adobe-lined fire pit at the north wall of the room. The feature measured 2.5 by 1.75 feet across and included stones resting on the floor (4A). The fill of F5 was ash, charcoal, adobe, and loose stones.

F6 was a niche or cyst in the north wall of the room. The cyst's opening was sealed with stacked tabular sandstone, with a large slab lying directly on the cyst's floor. Pieces of rock, mortared with adobe, were plastered over to bring the former opening flush with the wall. A plastered floor was built in the cyst 0.6 foot above the floor.

Burial Form. Burial (B1) was a dog wrapped in cloth, facing west and placed on an adobe bed in a burial pit. Rocks were placed at the top of the pit, directly above the dog. A few sherds were found in the burial pit fill.

Observations from Notebooks

The students dug a test trench in the southwest corner of the room that is referred to as Test Pit 1 (T1) by other excavators (Cat. Nos. 79.84.42, .43, and .62), and found a floor about 1 foot down. Test pit 2 (T2) was also described as located in the southwest corner of the room (Cat. No. 79.84.42). Artifacts in the collections were identified as being recovered from both T1 and T2, as well as from a test pit without an identifying number (Table 2.9, below).

The actual position of the fire pit (F2) in the south part of the room is not clear but it may have been associated with an unidentified floor. One excavator (Cat. No. 79.84.62) reported finding remains of a floor, below the fire pit (F2), at the same level as the rocks. Two students (Cat. Nos. 79.84.42 and .43) reported finding possible remains of a floor on top of F2. A fourth student (Cat. No. 79.84.63) reported finding part of a floor at the edge of F2 and that flat stones lying on F2 may have pressed into the floor while it was wet. A fifth student (Cat. No. 79.84.46) reported that after F2 was removed, a possible floor remnant was found at the "top level."

The students found holes left from an earlier dig (Cat. No. 79.84.42).

The students dug through the first level of roof fall (level 3A) and found evidence of a floor only around the grinding "box" (F1) and the fire pit (F2) (Cat. No. 79.84.46). While digging the test trench in the southwest corner of the room, the students found evidence of a floor (Cat. No. 79.84.63).

The room walls were described as adobe, with rock walls built close to (but not conforming with) the adobe walls (Cat. No. 79.84.46). The masonry in the east and west walls was large chunks of sandstone and limestone, "poorly cemented"; the north and south walls were adobe (Cat. No. 79.84.48).

After clearing the first floor (4A), the students found decayed plant remains in the northeast quadrant of the room that may have been a layer of corn husks (Cat. No. 79.84.48).

The dog burial was found about 2 feet below the surface, just under a large group of rocks. The boundary between the adobe chunk fill of the room and the burial pit was clearly visible. The bottom of the burial pit was adobe lined. The pit contained the completely articulated skeleton of a dog (about the size of a collie or German shepherd), surrounded with the remains of vegetation or fur, on an adobe bed (Cat. Nos. 79.84.37, .46, .48). The dog was wrapped in cloth, which left

an imprint on the adobe base. When the students removed the dog remains, they found a .22 caliber bullet (Cat. Nos. 79.84.37, .48, and .63), suggesting that the dog burial was recent.

The students described F4 as a ventilator contiguous with the floor level. In part the ventilator consisted of a hole extending under the west wall of Room 6 into Room 14 (Cat. No. 79.84.46).

A cist (F6) was found in the north wall (Cat. No. 79.84.46)

The room was backfilled on the last day of excavation (Cat. No. 79.84.51).

Summary of Excavation by Level

Table 2.8 summarizes the 1971 excavation of Room 6 by level.

Table 2.8. Room 6, 1971 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2A – fill level 1	F1 – probable grinding box. F2 – fire pit. Fill of chunky adobe with charcoal and roots.	Identified room in grid 110S/090E when four walls became visible (Cat. No. 79.84.51). F2 was covered with ash and charcoal, under layer of soft brown dirt; 0.35 foot deep (Cat. No. 79.84.37). Level taken down to 0.6 foot BSD to pedestal F1 and F2 (Cat. No. 79.84.62).
2B – fill level 2		Changed designation to 3A based on change in soil type (Cat. No. 79.84.43).
3A – roof fall level 1		Much charcoal (Cat. No. 79.84.43).
4A – 1 st floor	F3 – dog burial. F4 – possible ventilator shaft associated with Room 14. F5 – possible fire pit in north wall, located just below and west of dog burial B1. F6 – niche or cyst in room’s north wall.	Floor was found in southwest corner of room, (Cat. No. 79.84.46) located at 3.2 feet BSD. Floor (located at 3.2 feet BSD) was described as gray on top, over red adobe (Cat No. (79.84.63).

1974 Summary of Judge Excavation

Data from Field Form (Cat. No. 79.84.278A)

The room was located in grid unit 110S/090E. The room was “possibly ceremonial,” based on the niche and fire pit associated with the first floor (4A). Excavated levels included the first and second surface levels (1A, 1B), which were not mentioned on the 1971 forms. The depth of the 1974 excavation is listed as 3.3 feet BSD. A subfloor test was made against the middle of the north wall, extending to 3.9 feet BSD. This was below the first (only) floor (4A) but sterile was not reached.

One floor (4A) was identified; it measured about 11.3 by 6.1 feet and extended to a depth of 3.3 feet. The room had adobe and masonry walls. The 1971 forms indicate that the floor was plaster, but this form identifies it as adobe (given the use of adobe plaster, the distinction may mean very little). Features mentioned include the fire pit and the wall niche at the 1st floor (4A) and the ventilator on the west side of the room. The describes an opening going through a “plastered up” doorway into Room 14, which would mean that the door was on the room’s west wall (the 1971 form refers to only one “sealed” doorway located in the east wall). The room fill is described as “erosional,” and the room as “more rectangular” than adjacent rooms.

Artifacts, Photographs, and Maps in the Collections

Table 2.9 summarizes the artifacts from Room 6 in the Maxwell Museum collections. None of the artifacts are from the first and second surface levels (1A, 1B).

Table 2.9. Room 6, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Ash	Char-coal	Artifacts/ Misc.*
2A – fill level 1	x	x	x	x			x
2B – fill level 2					x		
3A – roof fall	x	x	x		x	x	x
3A-T2 - roof fall in Test 2	x	x	x				
4A – 1 st floor	x	x	x	x			x
4A-T2 - 1 st floor in Test 2	x						
5A-Test pit – level 1 fill below 4A in test pit							x
F1 – grinding box	x	x	x		x	x	x
F2 – fire pit	x	x	x		x		
F4 – ventilator shaft		x	x				
F5 – fire pit		x	x				x
F5-4A – fire pit on 1 st floor	x**						x
T1 – Test 1	x						
Unknown level							x
<p>*Includes the following items: Level 2A: restorable ceramic vessel(s), a scraper, points (including 1 quartz, 1 obsidian, and 1 chert), a point blank, a polishing stone, a mano fragment, a calcite pendant, gypsum, ocher, an awl, a piece of worked bone, a fossilized shell, shell beads, seeds, and adobe. Level 3A: restorable ceramic vessel(s), ceramic bowls, a chert point, a mano/hammerstone, worked stone, limestone core, a radiocarbon sample, and charred wood. Level 4A: restorable ceramic vessel(s), a ceramic gaming piece, a hammerstone, a mano fragment, a point, a piece of flaked stone, a chert core, and flotation material. Level 4A-F5: a limestone scraper. Level 5A-Test pit: ground stone.</p>							

Table 2.9. Room 6, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Ash	Char-coal	Artifacts/ Misc.*
F1: vegetal fiber. F5: a piece worked bone. Unknown level: a limestone chopper. ** This artifact was recorded as found in “F5-7A,” the first level below the third floor in Feature 5. The only floor identified in Room 6 was the first floor (4A). I assume that “F5-7A” was a recording error and that the provenience should have been “F5-4A.”							

The Maxwell Museum Archives include 13 photographs of Room 6 (Table A.1). Figure 2.5 shows the grinding “box,” Figure 2.6 shows the ventilator shaft, and Figure 2.7 shows the dog burial.

Room 6 appears on maps created in 1971 and from 1973 through 1976. All of the maps provide plan views. One 1971 map (Cat. No. 2006.1.13) provides a profile (Table A.2).



Figure 2.5. Room 6, Feature 1 (the grinding “box”). Source: Cat. No. 80.24.538A



Figure 2.6. Room 6, Feature 4 (the ventilator shaft). Source: Cat. No. 80.24.620A.



Figure 2.7. Room 6, dog burial. This burial is probably intrusive. Source: Cat. No. 80.24.577A.

Chapter 3

ROOM BLOCK 5, ROOMS 98, 97, 99, AND 100

Rooms 97–100 in Room Block 5 were studied in 1973. James Judge decided that Room 99 was not a room. Figure 1.1 shows the location of Rooms 98–100. None of maps in the collections shows these rooms in detail, or in some cases at all. Figure 3.1 is a photograph of Room 100 that suggests that excavations took place just south of it. Similarly, Figure 2.1 shows Room 100 plus a hachured area indicating excavation work south of that room.



Figure 3.1. Room 100, showing excavation work just south (right) of the room.
Source: Cat. No. 80.33.91A

Room 98

1973 Excavation

James Judge led the 1973 excavation that identified this room. Four student notebooks (Cat. Nos. 79.84.109, .119, .120, and .122) describe work in the room from June 20 through July 4.

Data from Field Forms (Cat. No. 81.25.31)

The sub-datum for this room was at 140S/090E, without a stated vertical relationship to the datum.

Grid Level Records. A diagram shows two adjoining test pits, Test Pit 1 (T1) and Test Pit 2 (T2).

A diagram shows that a section of ash lens was removed from a depression in Test Pit 1 (T1) at 3.48 feet BSD, and that a patch of white ash was found at 2.2 feet BSD in Test Pit 2 (T2). Test Pit 1 (T1) abutted a pedestal, with backdirt beyond the pedestal.

Test Pits 1 and 2 (T1, T2) each exposed sand and ash lenses.

A different form refers to the pit identified as Feature 1 (F1) as an ash pit at the fourth level of fill (2D). The form notes that the room's west wall did not appear to have any footings, but rested on what may have been a continuation of the floor in Room 97, and that Room 98's masonry east wall appeared to slant down to the west, where it bowed and was stepped (i.e., the highest stones were set farther back into the hill than the stones below).

Feature Forms. A pit was designated Feature 1 (F1) and associated with a possible floor at the fourth level of fill (2D). The center of the pit was located at 4.1 feet BSD, 3.8 feet below the surface, at grid location 146.2S/098.9E. The pit (F1) was filled with ash, bone, adobe chunks, sherds, and burned rocks, and measured 2.8 feet "at the front," 1.15 feet deep on its east side, and 0.95 foot deep on its west side. A diagram shows F1 as lying near a masonry wall; as filled with an ash lens, soft ash, and burned rocks; and as lying between the fourth and fifth levels of fill (2D and 2E) at 4.3 feet BSD.

Observations from Notebooks

Judge identified Room 98 as extending from a masonry wall to a curved adobe wall in the west part of grid unit 140S/090E (Cat. No. 79.84.119).

At the bottom of the fourth level of fill (2D) a possible floor was found, but it disappeared 1 foot west of the west edge of a pit (F1) (Cat. No. 79.84.119).

Summary of Excavation by Level

Table 3.1 summarizes the 1973 excavation of Room 98 by level.

Comments by Judge

In clearing debris from the south road cut area, "2 or 3" adobe-walled rooms were identified and numbered (from west to east) 97, 98, and 99. These had been partly destroyed by the south road cut. Culturally sterile soil was found about 1 foot above the road, at the edge of the trash deposit. Room 98 was "possibly" a room (Cat. No. 93.16.10:10).

Table 3.1. Room 98, 1973 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2A – 1 st level fill	Located at 140S/090E, matrix of ash, sandy soil, adobe chunks.	Matrix of loose sand, ash lenses, charcoal (Cat. No. 79.84.119)
2B – 2 nd level fill	Matrix of ash, sandy soil, adobe chunks.	Matrix same materials as 2A but more compact (Cat. No. 79.84.119)
2C – 3 rd level fill	Located with masonry wall, matrix of ash, sandy soil, adobe chunks.	Matrix of hard-packed dirt, charcoal, bone, ash lens; contained masonry north-south wall (Cat. No. 79.84.119)
2D – 4 th level fill	Located with masonry wall and a pit (F1), matrix of ash, sandy soil, adobe chunks.	Matrix same as 2C with adobe near east and west walls, contained adobe wall and masonry north-south wall (Cat. No. 79.84.119)
2E – 5 th level fill	Located with masonry wall, matrix of ash, sandy soil, adobe chunks. Partly excavated to sterile.	Located at 3.4–5.5 feet BSD, matrix of hard-packed clay, masonry north-south wall, sterile (Cat. No. 79.84.119).

Artifacts, Photographs, and Maps in the Collections

Table 3.2 summarizes the artifacts from Room 98 in the Maxwell Museum collections. I assume that the designation “S1” refers to the first stratum.

Table 3.2. Room 98, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Flotation	Pollen	Maize	Artifacts/ Other*
2A	x		x				
2A-S1					x		
2B	x	x	x				
2B-S1					x		
2C	x	x	x	x			x
2C-S1					x		
2D	x	x	x	x	x	x	
2E	x	x	x				
2E-S1					x		
T1	x	x	x			x	x
T2	x	x	x			x	
*Includes the following items: Level 2C: a point and a shell bead. Test Pit 1: fiber, and piñon [nuts? wood? needles?].							

The Maxwell Museum archives include two photographs of Rooms 97–99 (Figure 3.2) and four photographs of Room 98 (Table A.1). No detailed map of the room was found.



Figure 3.2. Rooms 97–99. The room numbers increase from the west (left) to the right (east).
Source: Cat. No. 80.24.999A.

Room 97

1973 Excavation

Room 97 was west of and adjacent to room 98. James Judge led the 1973 excavation that identified this room. Four student notebooks (Cat. Nos. 79.84.109, .119, .120, and .122) describe work in the room from June 21 through July 4. Based on the available photographs, only part of Room 97 was excavated.

Data from Field Forms (Cat. No. 81.25.31)

The sub-datum for this room was at 140S/090E, without a stated vertical relationship to the datum.

Grid Level Records. A diagram shows the stratigraphy of four fill levels (2A–2C, 2D1, and 2D2) and the first floor (4A), with an adobe wall present in levels 2D1, 2D2, and 4A. The strata above the adobe wall continued east into Room 98. A form for the fourth level of fill (2D) indicates that 2D1 and 2D2 were arbitrary layers of the fourth level of fill level (2D). Presumably 2D1 and 2D2 are the same as the 2Dsub1 and 2Dsub2 shown in Table 3.3 (below).

The students suspected that the sediments below the first floor (4A) were sterile, based on stratigraphic tests in the adjoining rooms (98 and 99).

Observations from Notebooks

Judge defined Room 97 as the space between a curved wall and a vertical adobe slab in grid unit 140S/080E (Cat. No. 79.84.119). The room itself was in grid unit 140S/090E (Cat. No. 79.84.109).

The students dug a test area, and the room's east wall was found about 2 feet from grid location 140S/090E. The fourth level of fill (2D) was so large that they divided it into two sections, which they called "2Dsub1" and "2Dsub2" (Cat. Nos. 79.84.119 and .120).

One notebook (Cat. No. 79.84.120) indicates that flotation samples were taken from all levels that were not culturally sterile.

Summary of Excavation by Level

Table 3.3 summarizes the levels excavated in Room 97 in 1973.

Table 3.3. Room 97, 1973 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2A – 1 st level fill	Matrix of sand and ash	Tapers off to the west, matrix of sand, ash, charcoal (Cat. No. 79.84.119).
2B – 2 nd level fill	Matrix of sand and ash	More compact than 2A (Cat. No. 79.84.119).
2C – 3 rd level fill	Matrix of sand and ash	Partly excavated, hard-packed dirt with ash lenses (Cat. No. 79.84.119).
2Dsub1 – subset of 4 th level fill	Matrix of sand and ash	Hard clay with adobe near east adobe wall (Cat. No. 79.84.119).
2Dsub2 – subset of 4 th level fill	Matrix of sand and ash	Hard clay with adobe near east adobe wall (Cat. No. 79.84.119).
4A – 1 st floor	Matrix of sand and ash	Located 0.3 foot above the floor level, which continued into Room 98 (Cat. No. 79.84.119).

Comments by Judge

In clearing debris from the south road cut area, "2 or 3" adobe walled rooms (numbered 97, 98, and 99 from west to east) were identified. These rooms had been partly destroyed by the road cut. Sterile deposits were found about 1 foot above the road, at the edge of the trash deposit. Judge indicated that Room 97 was definitely a room (Cat. No. 93.16.10:10).

Artifacts, Photographs, and Maps in the Collections

Table 3.4 summarizes the artifacts from Room 97 in the Maxwell Museum collections. No formal artifacts were found. The designation “S1” presumably refers to the first stratum.

Table 3.4. Room 97, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Soil	Pollen
2A	x	x			x
2B	x		x		x
2C	x		x		
2C-S1				x	x
2D	x	x	x	x	
2D-S1					x
4A	x		x		
4A-S1				x	

The Maxwell Museum Archives include two photographs of Room 97 and two photographs of rooms 97, 98, and 99 (Table A.1). Figure 3.3 shows the excavated portion of Room 97. No detailed maps show Room 97.

Room 99

1973 Excavation

James Judge led the 1973 excavation that identified this room. Four student notebooks (Cat. Nos. 79.84.109, .119, .120, and .122) describe work in the room from June 21 through July 4.

Data from Field Forms (Cat. No. 81.25.31)

The sub-datum for this room was at 140S/100E, without a stated vertical relationship to the datum.

Grid Level Records. One form covering the six levels of fill (2A–2F) listed a feature, F1, in the fourth level of fill (2D). A second form covering the same six levels of fill (2A–2F) included a diagram of the stratigraphy and identified F1 as a pit in the fourth level of fill (2D).

Feature Forms. Feature 1 (F1), associated with the fourth level of fill (2D), was identified as a pit located at 4.65 feet BSD. The pit’s center was at grid location 147S/109E, east of the adobe wall that the students thought was the room’s east wall. The pit measured 2.25 feet across at the top, 1.6 feet across at the bottom, and was 2.0 feet deep. The pit was filled with sand, charcoal, bone, and a few sherds. The bottom of the pit (F1) reached sterile.



Figure 3.3. Room 97. Source: Cat. No. 80.24.995A.

Another form for a pit designated Feature 1 (F1) associated that pit with the sixth level of fill (2F), with the bottom of the pit at 6.16 feet BSD. This pit was at 147S/105.6E and measured 1.7 feet at the north edge, 2.35 feet at the south edge, and 0.7 foot at its center. The pit was filled with sand, gravel, and a very small amount of ash and charcoal; it contained three sherds. A rodent hole in the center of the pit extended north. The students decided that the pit was not a cultural feature; instead, burrowing may have created the pit.

Observations from Notebooks

Judge defined the room as extending from a large adobe slab in the eastern part of grid unit 140S/100E to a masonry wall in the same grid unit (Cat. No. 79.84.119).

At the start of the season the students were unsure whether the east adobe wall was really a wall, so they defined a second provenience within the room. The area east of the dubious adobe wall was considered part of Room 99 and was dug using the same levels (Cat. No. 79.84.119).

The third and fourth levels of fill (2C and 2D) were not very different from each other, but were designated as different levels since they contained so much material (Cat. No. 79.84.119).

Typically, the students “floated” every fourth bucket of fill but for this room, they “floated” one bucket for each level and one for each feature (Cat. No. 79.84.119).

The students identified a pit, Feature 1 (F1), that extended from the fourth to the fifth level of fill (2D-2E). The pit contained a concentration of bones, ash, charcoal, and a few sherds, and was associated with Level 2D (Cat. No. 79.84.119).

Summary of Excavation by Level

Table 3.5 summarizes the 1971 excavation of Room 99 by level.

Table 3.5. Room 99, 1971 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2A – 1 st level fill	Matrix with ash, sand, chunks of adobe. Contained footing for walls, and a rock wall above 2A. Rock wall rested on an ash lens.	Faced the level with the rock wall on top of the hill, matrix of loosely packed ash and sand (Cat. No. 79.84.119).
2B – 2 nd level fill	Matrix with ash, sand, chunks of adobe. Contained an adobe wall. Wall rested on an ash lens.	Faced the level with the rock wall on top of the hill, matrix same as 2A but more compact, with small rocks (Cat. No. 79.84.119).
2C – 3 rd level fill	Matrix with ash, sand, chunks of adobe. Contained an adobe wall and a masonry wall.	Matrix of packed sand with ash lens extending across entire level. Faced the level with the rock wall on top of the hill (Cat. No. 79.84.119).
2D – 4 th level fill	Matrix with ash, sand, chunks of adobe. Contained an adobe wall and a masonry wall. Did not extend west of masonry wall.	Matrix of adobe, faced the level with the rock wall on top of the hill (Cat. No. 79.84.119).
2E – 5 th level fill	Matrix with ash, sand, chunks of adobe. Contained an adobe wall, a masonry wall, and an ash lens. Did not extend west of masonry wall.	Level extended horizontally beyond 2A–2D (Cat. No. 79.84.120), but did not extend to west wall of room. Matrix of very loose gravel mixed with charcoal, ash, bone, and sand (Cat. No. 79.84.119).
2F – 6 th level fill	Matrix with ash, sand, chunks of adobe. Contained an adobe wall and a masonry wall. Did not extend west of masonry wall. Sterile.	Level extended horizontally beyond 2A–2D (Cat. No. 79.84.120). Taken down to ground level/compact soil and was sterile (Cat. No. 79.84.119).

Comments by Judge

In clearing debris from the south road cut area, “2 or 3” adobe walled rooms (numbered 97, 98, and 99 from west to east) were identified. The rooms had been partly destroyed by the south road cut. Sterile soil was found at about 1 foot above the road, at the edge of the trash deposit. Judge indicated that this location was not a room but retained its “Room 99” provenience. His interpretation of the levels is shown in Table 3.6 (Cat. No. 93.16.10:10).

Table 3.6. Judge’s Interpretation of the Levels in Room 99.

Level	Interpretation
2A – 1 st level fill	Mainly footing
2B – 2 nd level fill	Stratified trash with heavy ash lenses
2C – 3 rd level fill	More adobe than trash
2D – 4 th level fill	More adobe than trash
2E – 5 th level fill	Lowest trash

Artifacts, Photographs, and Maps in the Collections

Table 3.7 summarizes the artifacts from Room 99 in the Maxwell Museum collections. Presumably the designation “S1” refers to the first stratum.

Table 3.7. Room 99, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Flotation	Pollen	Maize	Artifacts/ Other*
2A	x	x	x	x	x		x
2B	x	x	x	x			x
2B-S1					x		
2C	x	x	x	x			x
2C-S1					x		
2D	x	x	x	x			x
2D-F1	x		x	x			
2D-S1					x		
2E	x	x	x	x			
2E-F1						x	
2E-S1					x		
2F	x		x				
2F-F1				x			
*Includes the following items: Level 2A: a point and a mano fragment. Level 2B: an agate point and a worked piece of shell. Level 2C: a chalcedony point. Level 2D: a mano fragment.							

The Maxwell Museum Archives include two photographs of Room 99 and two photographs of Rooms 97, 98, and 99 (Table A.1). Figure 3.4 shows six levels of fill in Room 99. None of the available maps shows Room 99 in detail.



Figure 3.4. “Room” 99, showing fill. Source: Cat. No. 80.24.998A.

Room 100

1973 Excavation

James Judge led the 1973 excavation that identified this room. Four student notebooks (Cat. Nos. 79.84.92, .103, .109, and .111) describe their work in the room from June 29 through July 19.

Data from Field Forms (Cat. No. 81.25.31)

Room Data Sheet. The sub-datum for this room was at 130S/090E, without a stated vertical relationship to the datum.

Room 100 was a habitation room. The fill included roof fall under silt, which was under loose material and backdirt. A subfloor test was placed in the room but the lowest level of cultural fill was not reached.

Four features (F1–F4) were associated with the first floor (4A).

Plaster was found on the north, east and west walls (Table 3.8).

Table 3.8. Room 100, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	10.4	1.8	1	Adobe, masonry
East	12.2	1.6	0.8	Adobe
South	10.4	0.3	1.3	Masonry
West	12.1	1.0	1	Adobe

Depths of the four corners of the room were recorded as 2.9 feet BSD (northeast and northwest corners) and 0.3 foot BSD (in the bin in the southwest corner). The fill in the southeast corner was pedestaled.

Grid Level Records. The features associated with the first floor (4A) included a storage bin (F1) in the northeast corner of the room (just north of a post hole), a hearth (F2) against the middle of the east wall just east of another hearth (F4), and a possible storage bin (F3) along the west wall (in the southwest quadrant of the room).

A possible slab-lined floor was identified about 1 inch below the first floor (4A).

Feature Forms. The first floor (4A) had been re-plastered and was underlain by another floor.

F1 was a storage bin located at 1.6 feet BSD, associated with the first floor (4A). The bin measured 1.4 by 2 feet and extended 2.2 feet deep. The bin fill was mostly adobe chunks, with soft fill near its bottom.

A hearth (F2) associated with the first floor (4A) had its bottom at 3.3 feet BSD. It was found against the room's east wall. F2 measured 2 by 2 feet and extended 0.5 foot from the top of the rim to the bottom of the hearth. The fill was mostly ash, with adobe on top. The adobe rim rose about 2 inches above the floor (4A). The base of the hearth was made of adobe and stone slabs. An adobe "hump" was associated with a rock in front of the hearth; the students thought that the hump may have supported a flat rock as a sort of trivet.

A possible bin (F3) associated with the first floor (4A) was found against the room's adobe west wall, just south of a post hole, with floor plaster sloping up to it. The bin was located at 3 to 3.2 feet BSD. It measured 2.5 by 1.6 feet. The very crumbly fill consisted of adobe slump and roof fall.

A plastered-over hearth (F4), located at 3.5 feet BSD, measured 1.7 by 1.8 feet and was 0.5 foot deep "to its shelf." The hearth fill consisted of adobe mixed with dirt, pebbles, and some ash "on the shelf." F4 was located next to the other hearth (F2).

Observations from Notebooks

The students began by identifying the first level of fill (2A) and the first floor (4A). A few items from the first floor (4A) were combined with items from the first level of fill (2A) (Cat. No. 79.84.111), so the exact proveniences of items from those levels are questionable. The descriptive details for these two proveniences may be similarly mixed.

F1 was a storage bin in the northeast corner of the room (Cat. Nos. 79.84.103 and .109). A hearth with an adobe rim (F2) extended about 4 feet below the top of floor 4A (Cat. No. 79.84.109). An eroded bin (F3) was found 1 to 1.5 feet north of the room's south wall; this bin had an adobe rim extending about 1.5 feet into the room (Cat. No. 79.84.109). The plastered-over hearth (F4) had sides consisting of adobe and upright slabs (Cat. No. 79.84.111). F4 was just west of hearth F2 (Cat. No. 79.84.109).

Subfloor tests were conducted in the area with F3 and F4 (Cat. No. 79.84.111).

The remaining masonry south wall was about 3 inches high. The west wall was adobe, and the floor plaster curved up onto the wall. The whitewashed and partly plastered east wall was similar to the west wall. The north wall was adobe with stone; it was whitewashed and plastered three-quarters of the way up the wall (Cat. Nos. 79.84.109 and .111).

The north-south walls abutted the east-west walls. The first level of fill (2A) was very thick because the room was located on a slope (Cat. No. 79.84.109).

The floor (4A) was re-plastered (Cat. No. 79.84.109).

Summary of Excavation by Level

Table 3.9 summarizes the excavations by level.

Table 3.9. Room 100, 1973 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1A – 1 st surface level	Mostly backdirt, thin layer.	Located only in southeast part of grid 130S/090E portion of the room, with the rest of 1A combined with 2A (Cat. No. 79.84.111).
2A – 1 st level fill	Located at about 2.6 feet BSD, matrix of soft backdirt from 1A. About 2–3 in. thick in south part of the room, deepening to 8 in. in north.	Everything above 3 inches above floor was designated 2A (Cat. No. 79.84.103). Center of level was located at 1.6 feet BSD, sloping down to 1.7 feet BSD at the south edge (Cat. No. 79.84.111). Fill of adobe chunks with burned wood (Cat. No. 79.84.92).

Table 3.9. Room 100, 1973 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2B – 2 nd level fill	Located at 2.0–2.8 feet BSD, matrix of soft sand with adobe chunks. Diagram shows footing of stones along west part of south wall.	Located at 3 feet BSD in the southeast and 1 foot BSD in the northeast, silt, sand, about 0.2 foot thick, thinner in south part, (Cat. No. 79.84.111). Silty layer with roof fall (Cat. No. 79.84.103).
3A – 1 st level roof fall	Located at 2.8 feet BSD throughout the room, matrix of adobe roof/wall fall. Diagram shows ash concentration east of middle of the west wall.	Originally combined with 4A (Cat. No. 79.84.111). Roof fall concentrated in north part of room (Cat. No. 79.84.109).
4A – 1 st floor	Located at 2.9–3 feet BSD, 1 inch thick. Made of plastered adobe that showed evidence of burning. Matrix of adobe chunks and charcoal from roof fall.	Floor identified in 2A, burned wood in southeast corner, and sand/silt in southeast quadrant, excellent condition in north half, eroded in the south (Cat. No. 79.84.111).
4B – 2 nd floor		Located about 1–2 in. below 4A (Cat. No. 79.84.111).

Comments by Judge

The students identified the room when they started removing a masonry wall in grid unit 140S/090E, to begin digging a trench to the north. A good floor was found associated with a masonry wall. The students dug the first level of fill (2A) and the first floor (4A) in a 5 by 5 foot unit in grid unit 130S/090E (Cat. No. 93.16.10:12).

A subfloor test exposed a slab-lined floor below the first floor (4A) and then stratified trash. Judge thought that Room 100 was a habitation room used for food processing. The crew abandoned the idea of trenching below the room in 1973 as there would be problems stabilizing it (Cat. No. 93.16.10:15).

1974 Summary of Judge Excavation

Data from Field Forms (Cat. No. 78.84.278A)

Room 100 was in grid unit 130S/090E. It was used for food processing including cooking. Excavation reached 2.9 feet BSD and included the unit surface (1A), two levels of fill (2A, 2B), one roof fall level (3A), and the first floor (4A). Subfloor tests were not conducted.

The adobe first floor (4A) was plastered and burned, with four features (two hearths and two bins), and measured 12.2 by 10.4 by 2.9 feet. The walls were adobe and masonry.

Artifacts, Photographs, and Maps in the Collections

Table 3.10 summarizes the artifacts from Room 100 in the Maxwell Museum collections.

Table 3.10. Room 100, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Flota- tion	Soil	Maize	Artifacts/ Other*
2A	x	x	x		x	x	x
2B	x	x	x		x		
3A	x	x	x		x		x
4A	x	x	x	x	x	x	x
4A-F1		x	x				x
4A-F2	x	x					
4A-F3	x						
4A-F4		x	x	x			
*Includes the following items: Level 2A: a knife, a polishing stone, mano fragments, cores, and glass. Level 3A: cores and tortoise shell. Level 4A: a stone chopper, a mano, pieces of ground stone, worked stone, a seed, a yucca root, other vegetal matter, and pollen. Level 4A-F1: a shell pendant.							

The Maxwell Museum archives include 14 photographs of Room 100 (Table A.1). Figure 3.5 shows the first floor (4A) with four features: the bin in the room's northeast corner (F1), the hearth against the room's east wall (F2), a possible bin at the west wall (F3), and the second hearth (F4) west of F2 .

Room 100 appears on maps created from 1973 through 1976. All of the maps provide plan views only (Table A.2). None shows the room plan in detail.



Figure 3.5. Room 100, first floor (4A). Source: Cat. No. 80.33.92A.



Chapter 4

OTHER BLOCK 5 ROOMS

Rooms 3, 9, 10, 25, 26, and 127, in Room Block 5, were excavated beginning in 1971. Work in Room 3 ended in 1971. Excavation of Room 9 continued in 1972. The work in Rooms 10, 25, and 26 (quickly redefined as two rooms, 26A and 26B) continued in 1972 and 1973. Room 127 was excavated in 1976. Figure 1.1 shows the locations of the rooms within the room block. Figure 2.1 also shows these rooms, with the exception of Room 127.

Room 10

1971 Excavation

James Judge led the 1971 excavation that identified this room, shown in Figure 4.1. Seven student notebooks (Cat. Nos. 79.84.47, .48, .51, .53, .62, .63, and .278) describe work in the room from June 29 through July 22.

Data from Field Forms (Cat. Nos. 79.84.3 and 2005.25.15669)

Room Data Sheet. The sub-datum for this storage room was at 100S/080E, at 11.78 feet BD.

Room 10 had two burned adobe floors, and a cist was associated with each floor (Table 4.2, below). Room fill consisted of charcoal, adobe chunks, dispersed sherds, and bone fragments. Neither the lowest floor nor sterile was reached.

The west halves of the north and south walls were burned, as were the south halves of the east and west walls. The east, south, and west walls were partly plastered and the north wall was completely plastered. Either viga remnants or sockets (it is not clear which) were found in the south wall and at two levels in the east wall. In addition to the four walls, the room had a short wing wall (Table 4.1). Like the east wall, the short partition also had vigas/sockets on two levels.

Table 4.1. Room 10, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	8.2			Adobe and masonry
East	7.3		0.7–0.8	Adobe
South	7.55	10.2	0.7–0.9	Adobe and masonry
West	7.6			Adobe and masonry
Wing Wall	3.3		0.7–0.9	Adobe

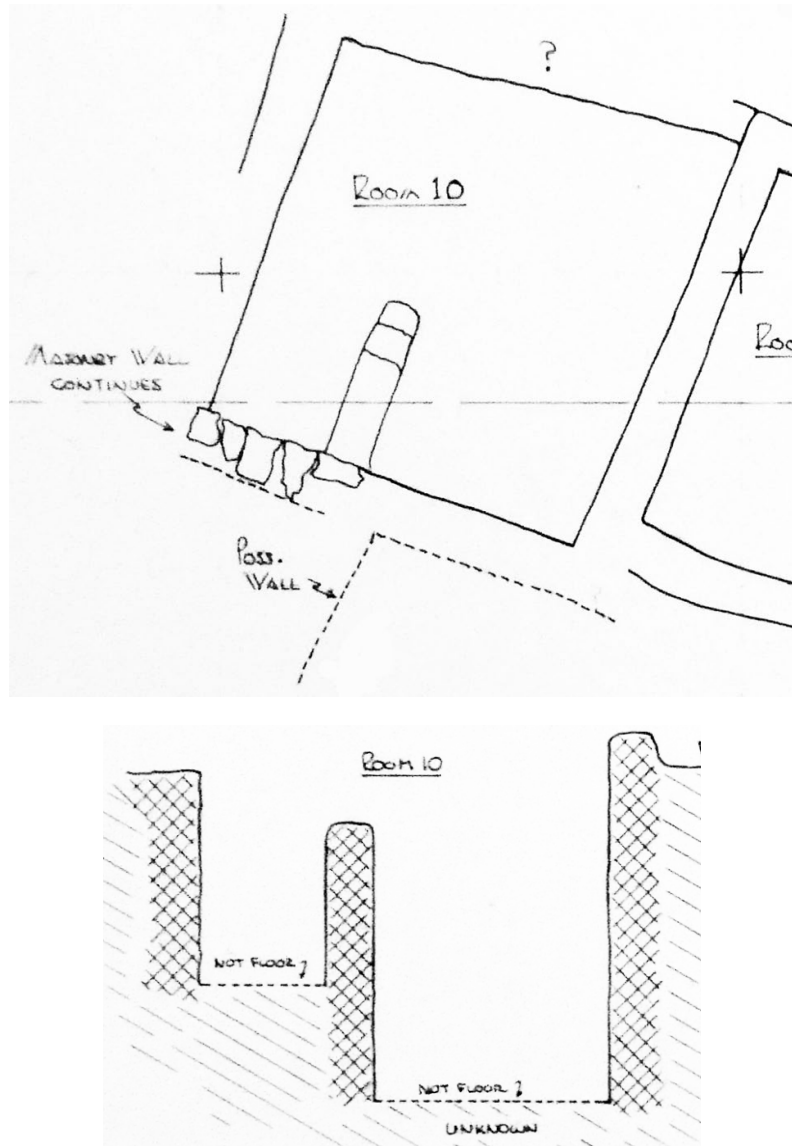


Figure 4.1. Plan and profile of Room 10. Source: Cat. No. 2006.1.13.

Depths of the four corners of the room were recorded as 0.38 foot BSD (northeast), 0.45 foot BSD (southeast), 1.35 foot BSD (southwest), and 0.9 foot BSD (northwest).

Feature Forms. Test Trench 1, in the northeast corner of the room, was in a feature (F1) associated with the first floor (4A) and the room walls. The fill was sandy clay with charcoal and adobe chunks. Test Trench 1 (F1) was located 4.6 feet below the surface, and 2 feet south of and 3.3 feet west of the room's northeast corner.

Observations from Notebooks

The students found evidence of burning in the first layer of fill (2A): the room's plastered walls were described as "reddish," possibly burned in spots (Cat. Nos. 79.84.53 and .278). Burned timbers were found in the fill above the first floor (4A) (Cat. No. 79.84.62), along with burned artifacts including sherds from a restorable vessel or vessels, a mano, and a metate (Cat. No. 79.84.278).

The students dug a test in the northeast corner of the room, in what appeared to be a pit or cist (Cat. No. 79.84.278). A second test pit was placed in the southwest corner of the room (Cat. No. 79.84.53).

An adobe wing wall extended 3.5 feet out from the masonry south wall. It continued downward through the first and second levels of fill below the first floor (5C, 5D) (Cat. Nos. 79.84.53 and .278).

Viga sockets were found in the east and west walls about 2 inches below a floor, with a second set of viga sockets about 3 feet down from the first hole (about 7.5 feet below the surface level) (Cat. No. 79.84.53).

A dog burial was located in a hole in the north wall (Cat. No. 79.84.48).

The interior corners of the room were recorded at grid positions 105.3S/076.75E (southeast), 098.55S/080E (northeast), 101.5S/069.25E (southwest), and 095.5S/072.35E (northwest) (Cat. No. 79.84.278).

Summary of Excavation by Level

Table 4.2 summarizes the levels excavated in Room 10 in 1971.

Table 4.2. Room 10, 1971 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2A – 1 st level of fill		Matrix of large adobe chunks and large pieces of burned logs. South wall of masonry at top with adobe below, adobe east wall, adobe and masonry north wall, burned plaster walls in northwest corner, partly defined adobe west wall, burned plaster on south end of west wall (Cat. No. 79.84.62).
4A - 1 st floor	Located at 2.12 feet BSD, 1–3 inches thick, burned, made of plastered adobe with a cist (Cat. No. 79.84.3).	Evidence of cracked plaster with ridges and signs of extreme heat, buckled up near southwest corner (Cat. No. 79.84.62). Floor surface of thick burned adobe with distinct finger marks (Cat. No. 79.84.278)

Table 4.2. Room 10, 1971 Excavated Levels.

Level	From the Field Forms	From the Notebooks
5A – 1 st level fill below 4A		Cat. No. 79.84.62
5C – 3 rd level fill below 4A		Adobe wing wall extending from masonry south wall (Cat. No. 79.84.278).
5E – 5 th level fill below 4A		Located at 5.6–8.5 feet BSD (Cat. No. 79.84.278).
4B - 2 nd floor	Located at 2.4 feet BSD, 1–2 inches thick, burned, made of plastered adobe with a cist (F3) (Cat. No. 79.84.3).	
4C – 3 rd floor		Located at 11.2 feet BSD (Cat. Nos. 79.84.53, .278) in a test pit (Cat. No. 79.84.51)

1972 Excavation

James Judge led the excavation of Room 10 in 1972. Five student notebooks (Cat. Nos. 79.84.69, .70, .74, .79, and .91A) describe work in the room from June 13 through July 18.

Data from Field Forms

Grid Level Records (Cat. No. 79.84.3). The 1972 excavation began at the sixth level of fill below the first floor (5F). The first level of roof fall (3A) reported was found that year.

The 1972 records discuss only one floor (4A). A test trench excavated in 1971 penetrated a second floor (4B), so I assume that the 1971 field forms were not available to the 1972 excavators. Remains found under the east wall were labeled “East Sub Wall Fill.”

The east wall ended at 4.3 feet BSD.

The 1971 test trench was in the southeast part of the room and extended from the middle of the room to the east wall.

Observations from Notebooks

One student (Cat. No. 79.84.70) provided more details about the second floor (4B). The student indicated that the first floor (4A) was excavated in 1971. The second floor (4B) was excavated in 1972 and extended under a “partition,” also described as a “later west wall.” This was the adobe wing wall, described in 1971 as extending from the masonry south wall (Table 4.2). The student also described the second floor (4B) as extending through the east side fill. The east wall was associated only with the first floor (4A). No east wall was found for the second floor (4B). A test trench was dug after the removal of the second floor (4B).

Excavation in 1972 confirmed the presence of a wing wall extending about 3 feet out from the south wall, and the existence of viga sockets in the east and partition walls (Cat. No. 79.84.69). Irregular stone masonry was found on top of adobe in the south wall, in the room's southwest corner. The room's north wall consisted of two walls, one built on top of (but offset from) the other (Cat. No. 79.84.69).

A third floor (4C) was exposed (Cat. No. 79.84.79).

A basin (remains of a subfloor pit) was found in the northeast corner of the room. The basin was burned throughout the floor and adobe levels (Cat. No. 79.84.79).

At the end of the season, the excavation was covered with plastic, which was weighted down with rocks and covered with dirt. Red stakes were placed at the four corners of the room to prevent people from falling through the rotting lumber (Cat. No. 79.84.91A).

Summary of Excavation by Level

Table 4.3 summarizes the levels excavated in Room 10 in 1972.

Table 4.3. Room 10, 1972 Excavated Levels.

Level	From the Field Forms	From the Notebooks
5F – 6 th level fill below 4A	Beginning of 1972 excavations.	Located about 7.1 feet BSD (Cat. No. 79.84.69).
5Fa, 5Fb		12 inch levels in southeast quadrant of room (Cat. Nos. 79.84.69 and .74)
5Fc		Cat. No. 79.84.69
5G		Cat. No. 79.84.74
4B – 2 nd floor	This floor continued under the east wall.	Located below 5F, very thick (Cat. No. 79.84.69).
4C – 3 rd floor		The students thought they had found a floor (Cat. No. 79.84.69).

1973 Excavation

James Judge led the excavation of Room 10 in 1973. Two student notebooks (Cat. Nos. 79.84.90 and .101) describe work in the room on June 15.

Observations from Notebook

A student notebook (Cat. No. 79.84.90) includes a sketch in which Room 10 spans four grid units (090 and 100S/060 and 070E). The sub-datum is listed as being at 100S/080E.

1974 Summary of Judge Excavations

Data from Field Forms (Cat. No. 79.84.278A)

Room 10 was in grid unit 090S/070E. When the first and second floors were in use, room function was “possibly habitation.” When the third floor was in use, room function was “possibly food processing.” Judge’s excavations included the first and second levels of fill (2A, 2B), the first level of roof fall (3A), three floors (4A–4C), and seven levels of fill below the first floor (5A–5G), to a depth of 11.2 feet BSD.

A note indicates that most of the data sheets for the room were lost. Based on personal memory, the preparer of the form suggested that the second level of fill (2B) ended at a floor remnant from a second story room and that the first story room was above offset adobe walls. The form also includes a discussion of the fact that in both 1971 and 1972, a floor was reported at 11.2 feet BSD.

Table 4.4 summarizes the three floors. Each wall was adobe and was associated with a burned plastered cist.

Table 4.4. Room 10, Floor and Wall Details.

Floor	Length (ft)	Width (ft)	Depth (ft)	Associated Walls
4A – 1 st	9.3	8.2	2.1	Adobe/masonry, adobe. Partly plastered.
4B – 2 nd	9.3	8.2	2.4	Adobe.
4C – 3 rd	9.3	8.2	10.0	Adobe. Viga sockets, additional wall.

Artifacts, Photographs, and Maps in the Collections

Table 4.5 summarizes the artifacts from Room 10 in the Maxwell Museum collections.

Table 4.5. Room 10, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Pollen	Fibrous Material	Artifacts/ Misc.*
East sub wall fill	x	x	x				
North wall and fill	x	x	x		x		x
Wall fall	x	x	x			x	x
2A	x	x	x	x			x
2B	x	x	x			x	x
3A	x	x	x		x		x

Table 4.5. Room 10, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Pollen	Fibrous Material	Artifacts/ Misc.*
3A – north wall fill	x						
4A	x	x	x				x
4B	x	x	x		x		
4C	x	x	x				
5A		x	x	x			x
5B	x	x	x				x
5C		x	x				
5D	x	x	x	x			x
5E	x	x		x			x
5F/5Fa/5Fb/5Fc	x	x	x	x			x
5G	x	x	x	x			
Unknown level							x
Test Pit 1 (T1)							x
Test Pit 3 (T3)							x
Test (not numbered)	x	x	x				x
<p>*Includes the following items: North wall and fill: a stone drill, a mano fragment, a bone awl, worked bone, and wood. Wall fall: worked bone. Level 2A: an obsidian point, a modified flake, and a polished piece of bone. Level 2B: an unfinished mano. Level 3A: a mano and a soil sample. Level 4A: a retouched biface, points (including chalcedony and obsidian), a core, flakes, and vegetal material. Level 5A: a bone bead. Level 5B: ground stone and a core. Level 5D: a green glaze Zuni area sherd, a rim sherd, a ceramic pipe bowl, restorable ceramic vessel(s), an Archaic period point, a mano fragment, an obsidian point, cores, retouched flakes, a bone bead, a bone awl, and burned wood. Level 5E: worked sherds. Level 5F/5Fa/5Fb/5Fc: a scraper, a quartzite point, a bone awl, and a gourd fragment. Unknown level: a shaft straightener, a chert point, adobe floor samples and charcoal. Test Pit 1 (T1): an obsidian point. Test Pit 3 (T3): a rim sherd. Test (not numbered): a rim sherd and a sample from an ash lens.</p>							

The Maxwell Museum Archives include 10 photos of Room 10 (Table A.1). Figure 4.2 shows the wing wall extending from the room's south wall.

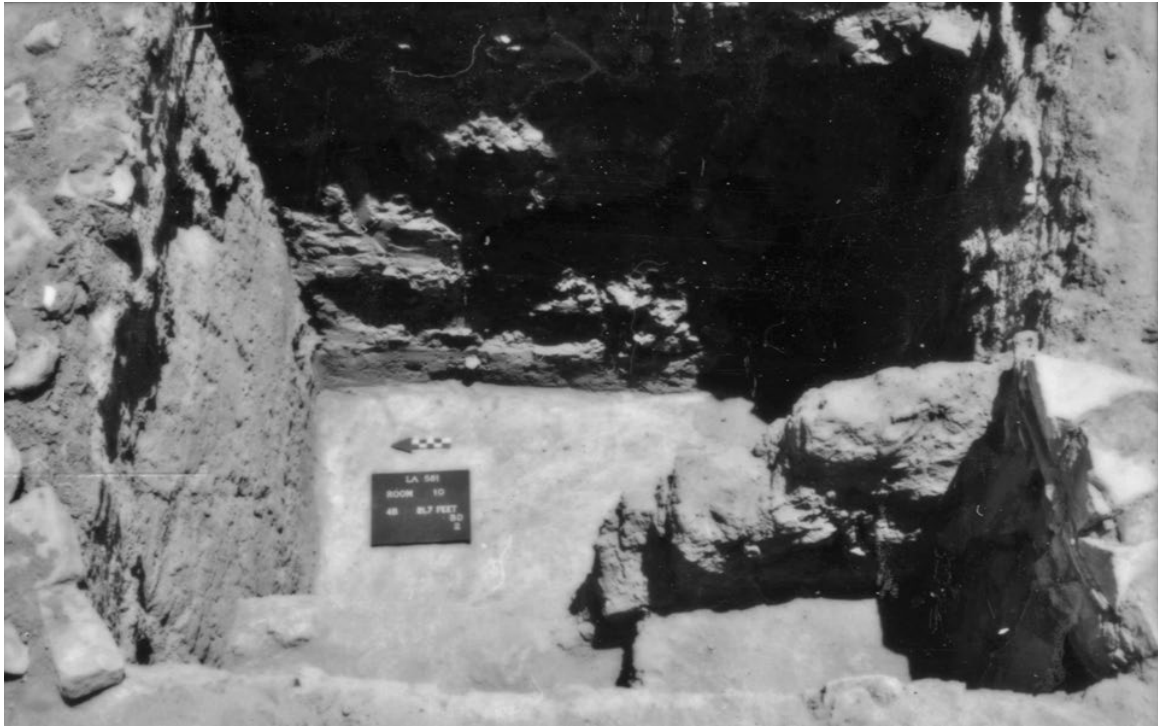


Figure 4.2. Room 10, showing the wing wall. Source: Cat. No. 80.24.701A

Room 10 appears on maps created in 1971 and from 1973 through 1976. All of the maps provide plan views. One 1971 map provides a profile (Table A.2).

Room 9

1971 Excavation

James Judge led the 1971 excavation of Room 9, which is shown in Figure 4.3. Six student notebooks (Cat. Nos. 79.84.35, .46, .47, .49, .51, and .63) describe work in the room from June 25 through July 22.

Data from Field Forms (Cat. No. 79.84.3)

Room Data Sheet. The sub-datum for this room was at 110S/100E, at 11.68 feet BD.

Room 9 had two east walls and two south walls (Table 4.6). The east wall measurements in Table 4.6 are for the “old adobe east wall.” About 0.4 foot east of that wall was a rock and adobe east wall. Only a small portion of the second adobe south wall remained.

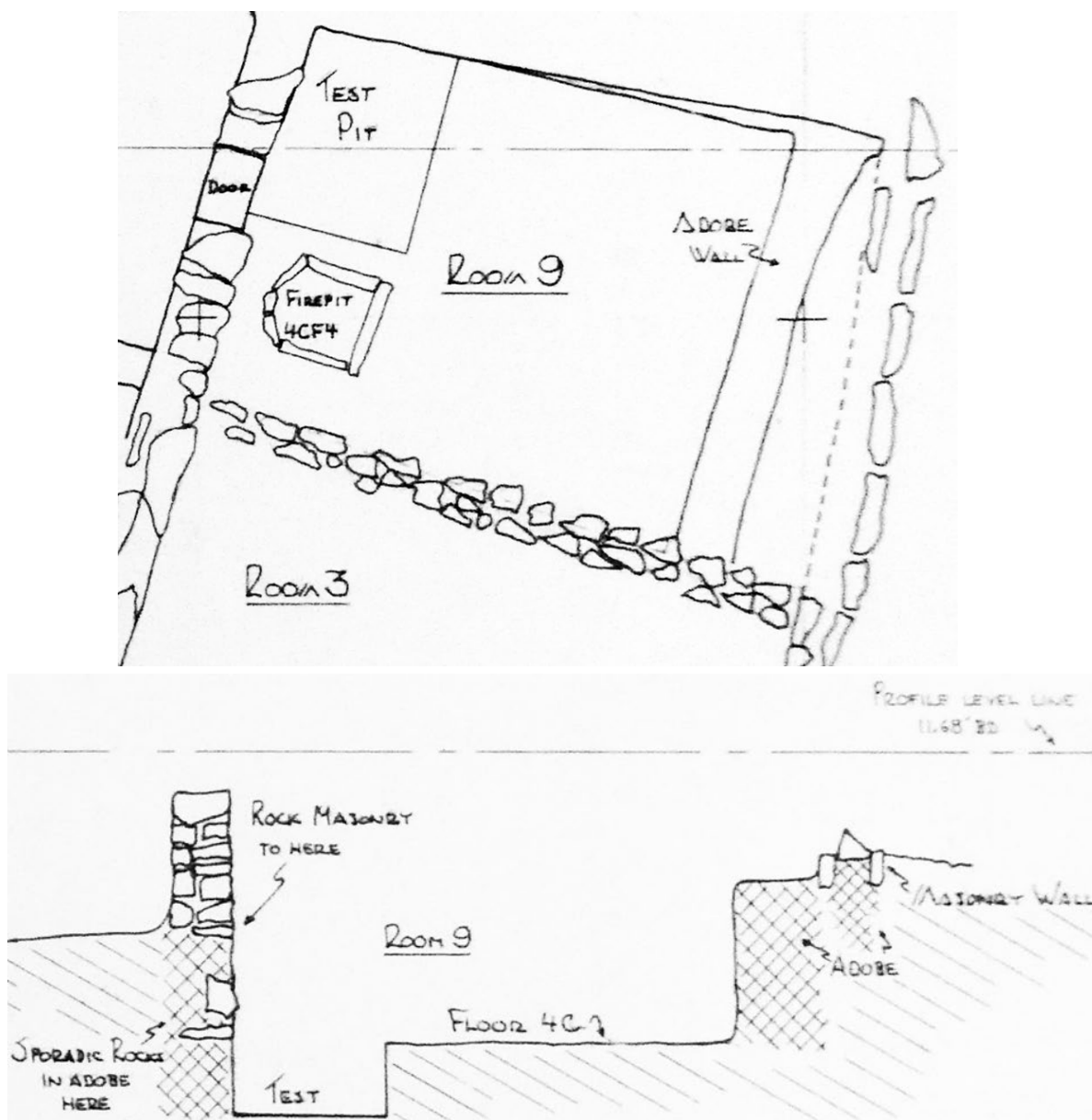


Figure 4.3. Plan and profile of Room 9. Source: Cat. No. 2006.1.13.

Table 4.6. Room 9, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	8.6	3.85	0.9	Adobe
"Old adobe east wall"	6.2	2.55	0.95	Adobe
Outer east wall	4.25	3.6	0.65	Rock and adobe
South (inner)	9.85	3.8	0.91	Rock and adobe
South (outer)	4.25	3.6	0.65	Adobe
West	6.4	4.3	0.95	Rock and adobe

Room 9 was a habitation room with three adobe floors, each with an associated fire pit (Table 4.6). Room fill consisted of ash, hard adobe chunks, and charcoal. It is not clear that the lowest floor was reached. A test pit was taken down about 2 feet but sterile was not reached.

Depths of the room corners (below the level of the third floor?) were recorded as 2.25 feet BSD (northeast), 2.18 feet BSD (southeast), 0.56 foot BSD (southwest), and 0.65 foot BSD (northwest).

Grid Level Records. There is some confusion in the BD versus BSD measurements for the first and third floors (4A, 4C), and in the relationship of the first level of roof fall (3A) to the second and third floors (4B, 4C).

Feature and Test Forms. A fire pit (F1) was identified in the first level of fill below the first floor (5A). It measured 0.3 foot long by 0.8 foot wide; the fill was ash, adobe “ridge,” and dirt. F1 was associated with the first floor (4A) and with an ash lens.

An opening (F2) was found in the west wall, at 0.4–2.5 feet BSD. This opening measured 1 foot wide by 1.2 feet high. The top of the wall was 1.7 feet from the bottom of the opening. F2 was filled with adobe and associated with a second filled hole (which was square) in the same wall.

The bottom of a fire pit (F3) was located at 2.8 feet BSD. It was identified in the first level of fill below floor 4A (5A) and associated with the second floor (4B). The fire pit measured 1.5 by 1.4 feet by 0.4 foot deep and contained ash.

A fire pit (F4) was found at 5.4 feet BSD and measured 1.7 by 1.5 feet by 0.6 foot deep. It contained ash fill topped with packed adobe. F4 was associated with the third floor (4C), which was also made of packed adobe. The sides of this fire pit were lined with slabs that did not protrude above the third floor (4C).

Test 2 (T2) was located at 6.4 feet BSD. A test trench was taken down 2 feet below floor level in the northwest corner of the room in search of an additional floor (which was not found). The west wall appeared to end at floor level. Sterile was not reached.

Observations from Notebooks

The west wall included adobe that looked like a sealed opening (identified as F2) into Room 6, at the same level as fire pit F1. The adobe was red instead of gray like the rest of the wall (Cat. Nos. 79.84.35, .47, .51). The students found a small area of floor at the same level as the sealed opening (F2) in the west wall (Cat. Nos. 79.84.46 and .49). A large piece of burned wood at the same approximate depth may have been from roof fall (Cat. No. 79.84.46).

Fire pit F4 was lined with upright slabs and associated with the hard third floor (4C). The tops of the slabs showed at floor level. The first 0.15 to 0.2 foot of F4 was plastered with adobe. F4 appeared to be plastered over, with abundant ash under the adobe (Cat. No. 79.84.35).

The top of the south wall was masonry and the bottom was adobe. The west end of the bottom (adobe) portion of the wall abutted the west wall. The top (masonry) part of the wall wrapped continuously around the southwest corner (Cat. No. 79.84.35). The upper part of the south wall was offset from the lower part of the wall, to the degree found in a double wall. The east wall also was a double wall, again with stone above and offset from an adobe wall (Cat. No. 79.84.46). The two adobe wall segments seemed to have been built together to form the corner. The masonry lower south wall abutted the lower masonry west wall (Cat. No. 79.84.46).

Summary of Excavation by Level

Table 4.7 summarizes the 1971 excavation of Room 9 by level.

Table 4.7. Room 9, 1971 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2A (1 st fill level)	Located at 12.98 feet BD, matrix of adobe and loose brown fill, with four visible walls.	Down in 2 layers to 0.6 foot, many rocks (Cat. Nos. 79.84.47, .51, and .63).
4A (1 st floor)	Located at 1.9 feet BSD, 0.2 foot thick, made of soft adobe, with a fire pit (F1) (Cat. No. 79.84.3). Very thin floor at 13.38 feet BD with fire pit, ash lens and Test 1 (T1).	
5A (1 st fill level below 4A)	Located at 14.08 feet BD, matrix of loose brown soil and adobe fill, east adobe wall inside old rock and adobe wall. Located 14.78 feet BD, matrix with adobe chunks. Lots of ash in west part of room.	
5B (2 nd fill level below 4A)	Located at 15.28 feet BD, matrix of adobe chunks, ash, charcoal. Identified adobe-sealed opening (F2) and fire pit associated with floor 4B (F3).	
4B (2 nd floor)	Located at 2.8 feet BSD, 0.4 foot thick, made of soft adobe with a fire pit (F3) (Cat. No. 79.84.3).	Under fire pit (F1), students found slab-lined fire pit (F3) filled with ash and associated with Floor 4B (Cat. No. 79.84.35, .46).
3A (1 st level roof fall)	Located at 15.28–16.18 feet BD, matrix with roof fall and ash.	
4C (3 rd floor)	Located at 5.4 feet BSD, 0.6 foot thick, made of hard adobe with a fire pit (F4) (Cat. No. 79.84.3). Located at 16.18 feet BD, matrix adobe floor. Floor sloped up in NW corner to meet N wall.	Fire pit lined with vertical slabs (F4) found in southwest corner of room (Cat. No. 79.84.35).

1972 Excavation

James Judge led the continued excavation of Room 9 in 1972. Four student notebooks (Cat. Nos. 79.84.72, .73, .79, and .83) describe work in the room on June 14.

Data from Field Forms (Cat. No. 79.84.3)

Grid Level Records. Test 2A (T2A) was located at 5.65 to 6.18 feet BSD and measured 2.7 by 3.2 feet. This test was dug in search of the culturally sterile substrate, which was not found.

Observations from Notebooks

Since sterile was not reached in 1971, the students continued excavating Test 2 (T2) and renamed it Test 2A (T2A). They dug T2A to a depth of 6 feet BSD and then abandoned work in the room without reaching sterile (Cat. Nos. 79.84.72 and .83).

1974 Summary of Judge Excavations

Data from Field Form (Cat. No. 79.84.278A)

This form places Room 9, a habitation room, in grid unit 100S/100E. It confirms excavation of the first level of fill (2A), the first level of roof fall (3A), three floors (4A–4C), and two levels of fill below the first floor (5A, 5B). The wall and floor information (Table 4.8) is inconsistent with the information on the 1971 room data sheet (Table 4.7).

Table 4.8. Room 9, Floor and Wall Details.

Floor	Length (ft)	Width (ft)	Depth (ft)	Wall Materials	Wall Features	Floor Material	Floor Features
4A – 1 st	8.6	6.4	1.9	Adobe, masonry		Adobe	Fire pit
4B – 2 nd	8.6	6.4	2.8	Adobe, masonry	Doorway	Adobe	Fire pit
4C – 3 rd	8.6	6.4	5.4	Adobe		Adobe	Fire pit

Room 9 is described as two rooms: an upper masonry room offset from a lower adobe room. The doorway in the west wall, leading into Room 6, was described as possibly associated with the second floor (4B). The first and second floors (4A, 4B) were described as remnants surrounding fire pits but otherwise “floating in fill.” The third floor (4C) included a lined fire pit (F3). Fire pit F2 was directly below fire pit F1. This may be a misunderstanding based on one student notebook (Cat. No. 79.84.51) that refers to F2 as a fire pit. All other 1971 documentation of F2 describes it as the doorway and indicates that fire pit F3 was found directly below fire pit F1 (see Table 4.6).

The first floor (4A) was associated with the masonry-walled room; the third floor (4C) was associated with the adobe-walled room. On the form, the second floor (4B) was not associated with either room. The west wall, of mixed materials, was used for both rooms.

Artifacts, Photographs, and Maps in the Collections

Table 4.9 summarizes the artifacts from Room 9 in the Maxwell Museum collections.

Table 4.9. Room 9, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Pollen	Flotation	Artifacts/ Other*
2A	x	x	x				x
2A-T1	x	x	x				
3A	x	x	x	x			x
4A	x			x	x		x
4A-F1	x	x					x
4C	x	x	x		x	x	x
4C-T2							x
4C-F4						x	
5A	x	x	x	x			x
5A-F1			x				x
5A-F3						x	
5B	x	x	x	x	x		x
5C	x	x					
5C-T2A			x				
F3					x		x
T1							
<p>*Includes the following items:</p> <p>Level 2A: a chert point, an obsidian point, a calcite bead, and a stone bead.</p> <p>Level 3A: an abrader, a mano fragment, a drill, a metate and metate fragments, a spokeshave, an obsidian point, a chert point, a clay ball, wood arrow shafts, a radiocarbon sample, and a plaster sample.</p> <p>Level 4A: ash and charcoal.</p> <p>Level 4A-F1: a stalactite.</p> <p>Level 4C: restorable ceramic vessel(s), a chert drill, polishing stones, and vegetal matter.</p> <p>Level 4C-T2: an obsidian point.</p> <p>Level 5A: a mano, a chert point, a chalcedony point, a flake, and a piece of chalky stone.</p> <p>Level 5A-F1: a mano.</p> <p>Level 5B: a limestone drill, a stone gaming piece, a bone awl, tree-ring samples, a radiocarbon sample, and a stalactite.</p> <p>Level F3: roof fall.</p>							

The Maxwell Museum Archives include 12 photographs of Room 9 (Table A.1). Figure 4.4 shows the fire pit (F3) on the second floor (4B).



Figure 4.4. Room 9, fire pit (F3) on second floor (4B). Source: Cat. No. 80.24.583A.

Room 9 appears on maps created in 1971 and from 1973 through 1976. All of the maps provide plan views. One 1971 map (Cat. No. 2006.1.13) also provides a profile (Table A.2).

Room 3

1971 Excavation

James Judge led the 1971 excavation of Room 3, which is shown in Figure 4.5. The excavation stopped before the floor was identified (Cat. No. 79.84.278A). Eight student notebooks (Cat. Nos. 79.84.35, .42, .43, .46, .47, .51, .62, and .63) describe work in the room from June 16 through June 25.

Data from Field Forms (Cat. No. 79.84.2)

A grid level record for the second surface level (1B) placed that level at 11.93 feet BD/0.25 foot BSD. An associated diagram shows a profile of the room and places it in grid unit 120S/100E.

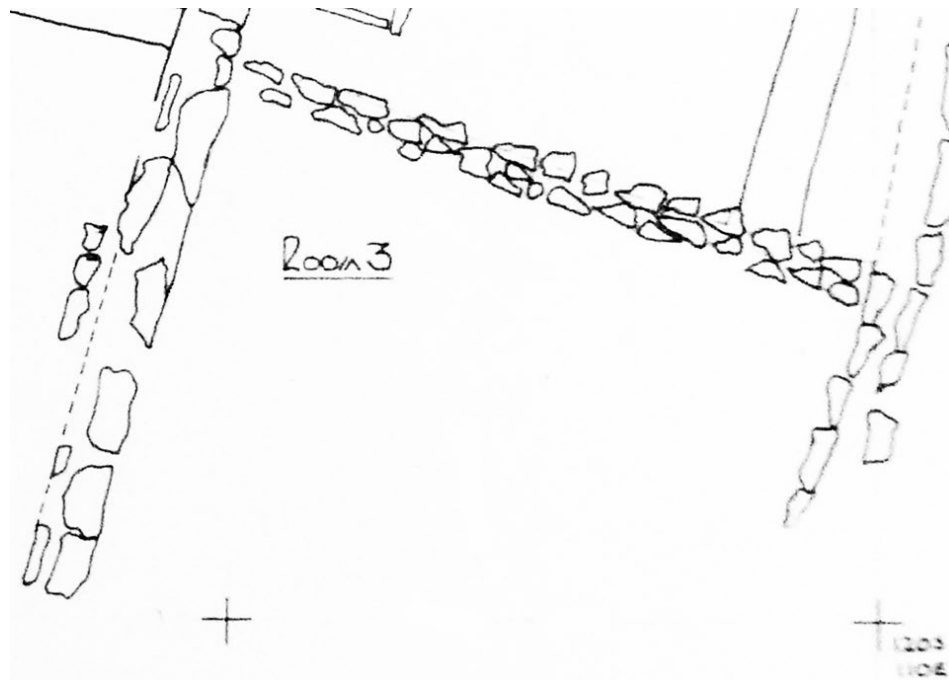


Figure 4.5. Plan of Room 3. Source: Cat. No. 2006.1.3.

Observations from Notebooks

The room was first identified in grid unit 120S/090E after a stone and mud mortar wall was found in grid 120S/100E (Cat. Nos. 79.84.47 and .51). The students began looking for a floor by following the wall down in 0.3 foot increments. In the second such increment, under a pale yellow sandy layer, the ash lenses became larger and were associated with burned adobe (Cat. No. 79.84.46).

A test pit was dug in the southwest corner of the room (Cat. Nos. 79.84.62, 43). Although one notebook records the test pit as being in the southeast corner of the room, sketches in both notebooks place it in the southwest corner.

Three walls were identified; one was adobe (Cat. Nos. 79.84.46 and .63).

Summary of Excavation by Level

Level 2A was 0.6 foot thick. The fill included large clumps of adobe about 1 foot from the north wall. Rodent burrows were present throughout the room (Cat. No. 79.84.43).

Since no south wall was found, the excavation was stopped. The students thought that Room 3 might not be a room (Cat. No. 79.84.35).

1974 Summary of Judge Excavation

Data from Field Form (Cat. No. 79.84.278A)

Room 3 was in grid unit 120S/100E. Two surface levels (1A, 1B) and the first level of fill (2A) were dug to 6.3 feet BSD. A masonry first floor (4A) was found, but a south wall was not. Fill was wall fall and wash. Part of Room 9 was offset over the north wall of Room 3.

Artifacts, Photographs, and Maps in the Collections

Table 4.10 summarizes the recovered materials in the Maxwell Museum collections. All of the artifacts with reported excavation dates were found in 1971. At least one specimen of burned adobe was attributed to an unidentified feature (F2).

Table 4.10. Room 3, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Artifacts/ Other*
1B (surface)				x
2A (fill)	x	x	x	x
Test 2	x			
Feature 2				x
Unknown			x	
*Includes the following items: Level 1B: a stone bead. Level 2A: a ceramic pipe stem, a mano, and a chert point. Feature 2: burned adobe.				

The Maxwell Museum Archives include only one photograph of Room 3. Figure 4.6 shows the room's masonry north wall.

Room 3 appears on maps created in 1971 and from 1973 through 1976. All of the maps provide plan views only (Table A.2).



Figure 4.6. Room 3 after excavation of the first level of fill (2A). Source: Cat. No. 80.24.522A.

Room 25

1972 Excavation

James Judge led the 1972 excavation that identified Room 25, which is shown in Figure 4.7. Seven student notebooks (Cat. Nos. 79.84.65, .70, .72–.75, and .79) describe work in the room from June 26 through July 19.

Data from Field Forms (Cat. No. 79.84.9)

Room Data Sheet. The sub-datum for this room was at 120S/120E, at 15.24 feet BD.

Room 25 was a utility room filled with adobe wash, adobe chunks, and rock fall. The first floor (4A) was excavated in 1972; this may not have been the lowest floor.

A sealed doorway was found in the south wall. Other wall details are provided in Table 4.11.

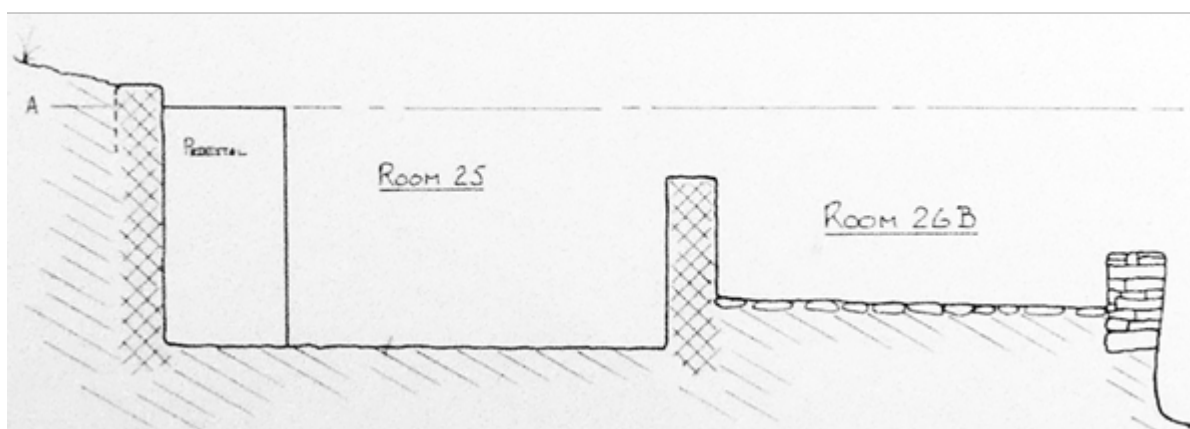
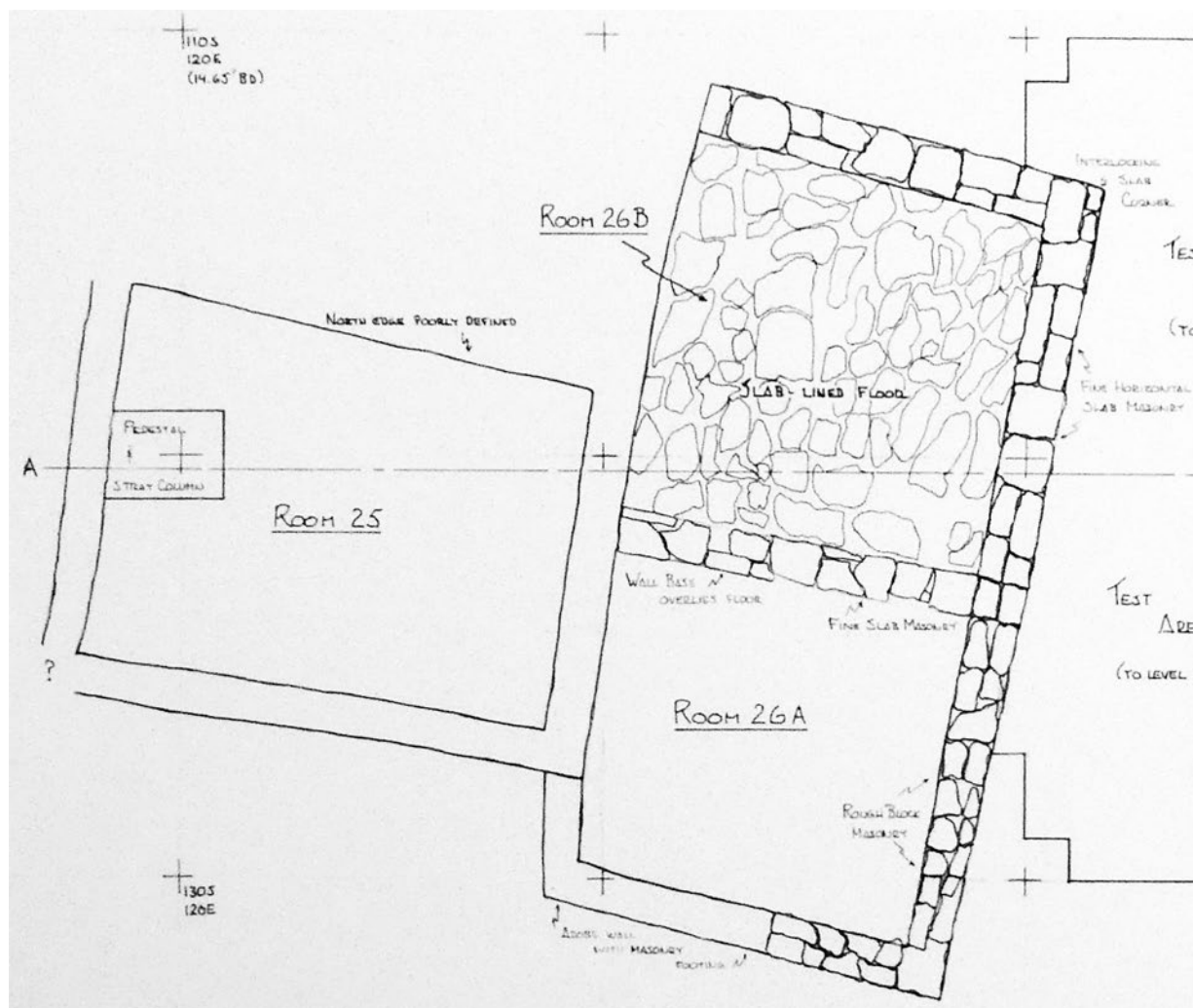


Figure 4.7. Plan of Rooms 25, 26A, and 26B and profile of Rooms 25 and 26B.
Source: Cat. No. 2005.25.15159.

Table 4.11. Room 25, Wall Measurements.

	Length (ft)	Height (ft)	Thick (ft)
North	10.75	3.9–5.7	Average of 1
East	7.7	3.2–4	1
South	10.9	3.2–5	1.3
West	8.5	5.05–6	Average of 1

Grid Level Records. A diagram for the tenth level of fill (2J) shows an unidentified feature (F1) against the middle of the north wall, and three viga sockets in the room’s southeast quadrant. F1 was later identified as a mealing bin that contained two metates, three manos, and a slab.

A diagram for the first level of roof fall (3A) indicates that at the time that level was excavated, the west half of the room was not excavated below the eighth level of fill (2H).

The students began excavating the west half of the room at the tenth level of fill (2J). A diagram shows that 2J was slightly higher than the first floor (4A).

The first floor (4A) incorporated worked stone slabs near the center of the north wall and fitted rock slabs in the northeast corner of the room. An undated diagram suggests that the “fitted rock slabs” are F2.

Feature Forms. The mealing bin (F1) was made of worked stone slabs and was found at 5.0 feet BSD, at grid location 118.5S/124.6E. The mealing bin measured 2.4 by 2.05 feet by 1.3 feet deep. Its fill included adobe wash, stone slabs, and general room fill.

The fitted stone slabs (F2) were found at 5.5 feet BSD, at grid location 119.8S/129.3E. The group of slabs measured 1.3 by 1.4 feet across by 0.1 foot deep. The slabs were flush with the surface of the first floor (4A).

Observations from Notebooks

The room was identified in grid units 120S/120E and 120S/130E (Cat. Nos. 79.84.70 and .79).

By July 13 the students decided to excavate the east half of the room first, then the west half in natural levels (Cat. No. 79.84.79).

After clearing the first floor, the students backfilled the room (Cat. No. 79.84.65).

Summary of Excavation by Level

Table 4.12 summarizes the 1972 excavation of Room 25 by level.

Table 4.12. Room 25, 1972 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2B – 2 nd level fill		6 inch level (Cat. No. 79.84.70).
2C – 3 rd level fill	Located at 16.84 feet BD, identified as a room	6 inch level (Cat. No. 79.84.70).
2D – 4 th level fill	Sheet wash, mixed construction clay.	6 inch level (Cat. No. 79.84.70).
2E – 5 th level fill	Matrix of mixed adobe, sheet wash, construction clay. Diagram shows caliche in SW corner.	6 inch level (Cat. No. 79.84.70).
2F – 6 th level fill	Located at 3.1–3.6 feet BSD. Sheet wash, adobe, and charcoal.	6 inch level (Cat. No. 79.84.70).
2G – 7 th level fill	Located at 3.7 feet BSD, matrix with adobe roof and wall fall. Roof and wall fall, ashes, and charcoal abundant in center of room	6 inch level (Cat. No. 79.84.70). Abundant rocks (Cat. No. 79.84.79).
2H – 8 th level fill	Located at 4.2 feet BSD, matrix with adobe roof and wall fall, rock fall.	
2I – 9 th level fill	Located at 4.6–4.7 feet BSD, matrix of adobe clods and rocks.	Sealed doorway in south wall (leading to outside) very near SE corner (Cat. No. 79.84.75).
2J – 10 th level fill	East half of room at 5.2 feet BSD, matrix of hard adobe, loose material, rocks. In west half of room at 5.2 feet BSD, matrix of adobe wash, adobe chunks, rocks, and other fill.	
3A – roof fall	Located at 5.5 feet BSD, matrix of adobe above floor (4A).	
4A – 1 st floor	Located at 5.4–5.5 feet BSD, 0.1 foot thick, made of adobe and rock slabs, with 1 bin. Packed clay.	Located at 5.25 feet BSD with mealing bin (F1) (Cat. No. 79.84.79). Hard-packed, very red in some places (Cat. No. 79.84.65). Excavated floor in east half of room (Cat. No. 79.84.72). North side of floor sloped up to wall at about 20 degrees under the mealing bin (F1) (Cat. No. 79.84.75).

1973 Excavation

James Judge led the continuing excavation of this room in 1973. Three student notebooks (Cat. Nos. 79.84.97, .114, and .115) describe work in the room on June 5 and June 19. No field forms were found for the 1973 work.

Observations from Notebooks

The room's east wall had been completely lost to erosion since the 1972 season (Cat. No. 79.84.97).

One notebook (Cat. No. 79.84.97) describes an attempt to reach sterile deposits below the first floor (4A) excavated in 1972. The students excavated a 3 by 3 foot test pit in the southeast corner of the backfilled room to find the first floor (4A), then continued down about 3 inches through a red layer underlain by a brown layer. About 5 inches below the surface of the first floor (4A), the students identified a “possible surface” or second floor, but mostly shoveled through it. They identified a second floor (4B) 6 inches below the surface of the first floor (4A), but did not dig below that second floor.

A second notebook (Cat. No. 79.84.115) indicates that the second floor (4B) was found in the southeast corner of the room. This second floor was black and hard, with red fill under it, and was about 6 inches below the first floor.

According to a third notebook (Cat. No. 79.84.114), the students identified up to three floors. A profile diagram in the notebook shows adobe wash with packed dirt above it and an adobe wall below it. Below the adobe wall was a 2 inch thick layer marking the first floor (4A). This layer was moist dark brown clay or adobe. Below the first floor (4A) was a slab floor. Below the slab floor was brown-black fill, and at the bottom of the unit was an even lower floor.

1974 Summary of Judge Excavations

Data from Field Form (Cat. No. 79.84.278A)

Room 25 was a food processing room in grid unit 110S/120E. The excavation included 10 levels of fill (2A–2J), a first floor (4A) at 5.5 feet BSD, and a subfloor test in the southeast quadrant of the room, reaching a depth of 6.0 feet BSD. The adobe and slab first floor (4A) measured 10.8 by 7.7 feet; it lay at a depth of 5.5 feet BSD and included a mealing bin and a cist. The walls are reported as adobe, with three doors and possible vigas.

Artifacts, Photographs, and Maps in the Collections

Table 4.13 summarizes the artifacts from Room 25 in the Maxwell Museum collections. Since artifacts were recorded as coming from a second floor (4B) and a test pit (T1) associated with that floor, I assume that even without field forms for the second floor, the floor actually existed.

Table 4.13. Room 25, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Seeds	Soil	Ocher	Artifacts/ Other*
1A								x
2A	x				x			x
2B	x		x					
2C	x	x	x					x
2D	x	x	x					

Table 4.13. Room 25, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Seeds	Soil	Ocher	Artifacts/ Other*
2E	x	x	x	x				x
2F	x	x	x					x
2G	x	x	x	x				x
2H		x	x	x				x
2I			x	x			x	x
2J	x	x	x	x	x	x		x
3A	x	x	x	x				x
4A			x			x		x
4B	x							
4B-T1		x	x					
F1	x						x	x
Unknown	x			x				
<p>*Includes the following items:</p> <p>Level 1A: a mano fragment.</p> <p>Level 2B: a bone bead.</p> <p>Level 2C: a scraper or chopper.</p> <p>Level 2E: mano fragments and bone tools (including 1 awl).</p> <p>Level 2F: a mano fragment and a piece of shell.</p> <p>Level 2G: restorable ceramic vessel(s), mano fragments, points (including obsidian and chert), and worked bone.</p> <p>Level 2H: restorable ceramic vessel(s), points (including 1 obsidian), a mano fragment, a crushed animal skull, and ash.</p> <p>Level 2I: restorable ceramic vessel(s), points (including 2 obsidian), mano fragments, worked turquoise, sandstone slabs, a bone flute, and a fish operculum.</p> <p>Level 2J: a polishing stone, a polished stone, a chalcedony flake, ground stone, and a bone awl.</p> <p>Level 3A: a point blank, malachite, a worked piece of bone, wood, a shell pendant, and eggshell.</p> <p>Level 4A: restorable ceramic vessel(s).</p> <p>Level F1: manos and a mano fragment, pieces of ground stone, and worked bone.</p>								

The Maxwell Museum Archives include 10 photographs of Room 25 (Table A.1). Figure 4.8 shows the room's first floor (4A), with the collapsed mealing bin visible against the north wall.

Room 25 appears on maps created from 1972 through 1976. All of the maps provide plan views; one 1972 map (Cat. No. 2005.25.15159) also provides a profile (Table A.2).



Figure 4.8. Room 25, first floor (4A). The collapsed mealing bin can be seen against the room's north wall. Source: Cat. No. 80.24.821A.

Room 26 (26A and 26B)

1972 Excavation

James Judge led the 1972 excavation of what was first designated Room 26. After several days of work, the unit was later redefined as two rooms, 26A and 26B (Figure 4.7). Eight student notebooks (Cat. Nos. 79.84.69, .72, .73, .75, .79, .83, .86, and .91A) describe work in the rooms from June 26 through July 19.

Data from Field Forms (Cat. No. 79.84.10)

Room Data Sheet—Room 26A. The sub-datum for this room was at 120S/130E, at 16.87 feet BD.

Room 26A featured a cist containing a rock stained with ground hematite, and a lightning stone was found on the floor near the cist. As a consequence, the room was thought to be ceremonial, possibly a kiva. The room's west adobe wall may have been built first, with the three masonry walls added later. Additional wall details are provided in Table 4.14. The room fill was coarse sand at the top and concentrated adobe wash below. The first floor (4A) was excavated in 1972, but no subfloor test was made that year.

Table 4.14. Room 26A, 1972 Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	9	0.5 to level with floor	0.9	Masonry
East	7.8	1	0.9–1.3	Masonry
South	7.1	0.85–1.4	1	Masonry
West	About 6.3	1.9–2.5	0.8–1	Adobe

Depths of the four corners of Room 26A were recorded as 3.3 feet BSD (northeast), 3.25 feet BSD (southeast), 2.85 feet BSD (southwest), and 3.0 feet BSD (northwest).

Grid Level Records. The students found a cist and a possible cist cover and referred to both of them as Feature 1 (F1).

The possible cist cover (F1, in part) was associated with Room 26A's first floor (4A). It was found at 3.2 feet BSD, just north of a charcoal deposit mixed with maize cobs and kernels.

Feature Forms. A diagram shows the possible cist cover (F1, in part) as a series of tabular fragments of a circular to oval slab (located at 3.4 feet BSD; associated with the first floor [4A] at 3.0 feet BSD). A second diagram shows a hematite deposit, found in loose fill with adobe, located at 4.0 feet BSD.

The cist (F1, in part) was found at 3.2 feet BSD at grid location 127.5S/135E. The cist measured 1.7 feet in diameter and 0.8 foot deep. A hematite stain was present on one of the rocks used to define the feature.

Room Data Sheet—Room 26B. The sub-datum for Room 26B was at 120S/130E, at 16.87 feet BD (the same as for Room 26A).

As of 1972, the function of Room 26B was not determined. The room fill was sheet wash, adobe chunks, and masonry. The west wall had some evidence of plaster. Additional wall details are provided in Table 4.15. The first floor (4A) was excavated but the students did not know whether additional floors were present.

Table 4.15. Room 26B, 1972 Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	10	2	1.25	Masonry
East	11	1.35	1.2	Masonry
South	8.5	0.4	1.2	Masonry
West	10	2.5		Adobe

Depths of the four corners of Room 26B were recorded as 3.1 feet BSD (northeast), 3.75 feet BSD (southeast), 3.2 feet BSD (southwest), and 2.7 feet BSD (northwest).

Grid Level Records. A diagram shows that Room 26B's adobe and masonry south wall served as Room 26A's north wall.

Observations from Notebooks

Room 26 (as the unit was then defined) was a large room in grid unit 110S/130E; it extended east into grid units 110S/140E and 120S/130E (Cat. No. 79.84.69).

By June 29, during excavation of the third level of fill (2C), the students began referring to north and south portions of the room (Cat. No. 79.84.83). By July 5 they started referring to the north part of the room as 26B and the south part of the room as 26A (Cat. No. 79.84.72). A "definite separation" was noted between the north and south sections of the room, with more "goodies" being found in the south portion (Cat. No. 79.84.72). By July 12 the students were convinced that two rooms were present, with the south room used for storage (Cat. No. 79.84.79). The north room was identified as 26B and the south room as 26A (Cat. No. 79.84.83).

Once the students defined the two rooms, the first level excavated in Room 26A was the first floor (4A), while the first level excavated in Room 26B was the third level of fill (2C) (Cat. No. 79.84.79).

Feature 1 (F1) in Room 26A was a cist under the slab floor. Beneath a covering slab was a layer of fitted stones plastered with adobe. Under the stones was soft fill with charcoal, ash, and bones. The cist extended down about 1 foot, to hard adobe, and was 2 feet in diameter. One of the stones making up the cist lining was stained with hematite (Cat. No. 79.84.69).

A different notebook (Cat. No. 79.84.79) indicates that the pit in Room 26A contained a small amount of maize and a rock covered with red ocher. The students thought the pit was ceremonial since they found a lightning stone and a second rock covered with red ocher nearby.

A notebook diagram (Cat. No. 79.84.83) shows a wall abutment suggesting that Room 26B was built before room 26A (see also Figure 4.7). There was a noticeable break in the east wall of Room 26 as originally defined, involving two patterns of masonry. In the east wall of Room 26A, the masonry was not as carefully fitted as in the east wall of Room 26B, and adobe mortar was used more generously. The southwest corner of Room 26B was curved and abutted Room 25, where the masonry ended. Rooms 26B and 26A both had west walls that were all adobe.

The wall between Rooms 26B and 26A continued down through the second floor identified in Room 26A (Cat. No. 79.84.69).

By mid-July, what the students had thought was a kiva because of its size was now seen as two "normal" sized rooms (Cat. No. 79.84.69).

Summary of Excavation by Level

The notebooks and forms variously describe the 1972 work in this part of the site as being in Room 26, Room 26A, or Room 26B (Tables 4.16–4.18).

Table 4.16. Room 26, 1972 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2A – 1 st level fill	Located at 17.37–19.19 feet BD, matrix with charcoal and adobe.	Dug test in southeast part of room (Cat. No. 79.84.83).
2B – 2 nd level fill	Located at 18.27 feet BD, loose matrix with charcoal and adobe chunks.	Found adobe and masonry construction extending west from east masonry wall (Cat. No. 79.84.69). Abundant charcoal in southeast part of room (Cat. No. 79.84.69).
2C – 3 rd level fill	Located at 18.27–18.77 feet BD, matrix of charcoal, coarse sand, adobe chunks.	Excavated in north part of the room (Cat. No. 79.84.83). South part of room was burned (Cat. No. 79.84.72).
2D – 4 th level fill	Diagram refers to room 26B.	Charcoal level (Cat. No. 79.84.69).
4A – 1 st floor		Located at 3.15 feet BSD at west wall (Cat. Nos. 79.84.69, .83).

Table 4.17. Room 26A, 1972 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2D – 4 th level fill	Took many tree-ring samples from roof fall.	
4A – 1 st floor	Located at 3 feet BSD, 0.2–0.25 foot thick, burned, made of hard packed clay. Included a cist.	
4B – 2 nd floor		Slab-lined floor, exposed through 1 foot square of floor 4A in northeast corner of room (Cat. No. 79.84.69).

Table 4.18. Room 26B, 1972 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2C – 3 rd level fill	Located at 3.0 feet BSD, matrix of sheet wash, adobe chunks, abundant masonry.	Abundant rock, possible wall fall (Cat. No. 79.84.79). Adobe around stones, matrix otherwise soil with ash and charcoal (Cat. No. 79.84.73).
4A – 1 st floor	Located at 3.1 feet BSD, about 0.3 foot thick, made of slabs.	Matrix of sheet wash and adobe covered hard red adobe (Cat. No. 79.84.73)

1973 Excavation

James Judge led the continuing excavation of Rooms 26A and 26B in 1973. Two student notebooks (Cat. Nos. 79.84.97 and .115) describe work in the room on June 5 and June 19.

Observations from Notebooks

The cist in Room 26A was in the room's southeast corner. A test pit was dug in the southwest corner of the room to search for sterile. The students found an adobe floor (4A), and below it a rock slab second floor (4B) (Cat. No. 79.84.97). These finds are consistent with the ones made in 1972 (Table 4.17).

A different floor, this one of adobe, was found about 5.5 inches below the original adobe surface. This second floor was moist and brown, with red streaks (Cat. Nos. 79.84.97 and .115).

1974 Summary of Judge Excavations

Data from Field Form (Cat. No. 79.84.278A)

On this form, Rooms 26A and 26B were considered to be a single large room, Room 26, a kiva in grid unit 110S/130E. Excavated levels include the first surface (1A) level, four levels of fill (2A–2D), and the first floor (4A), reaching a depth of 3.0 feet BSD.

The first floor (4A) measured 18.8 by 10.0 feet, was made of slabs plastered with adobe, and included a cist and a “burner.” Walls were adobe and masonry.

Based on a subfloor test pit, the sterile substrate had not been reached. Recovery of several bushels of maize from above and within roof fall suggested that maize was being stored on the roof when the room burned.

An east-west rock wall divided the room at the floor level.

The form suggests that the room may have been two rooms that were combined to create a kiva.

Artifacts, Photographs, and Maps in the Collections

Tables 4.19, 4.20, and 4.21 summarize the artifacts found in Rooms 26, 26A, and 26B according to the proveniences assigned by the excavation crews. In general, Table 4.19 represents materials collected before Rooms 26A and 26B were distinguished. In some cases, items may have been mislabeled (e.g., when they were assigned to Level 4A-F1 in Room 26).

Table 4.19. Room 26, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Pollen	Ash	Adobe	Flota- tion	Artifacts/ Other*
2A	x	x	x	x	x				x
2B	x	x	x	x	x				x
2C	x	x	x	x	x	x	x		x
2D	x	x	x	x	x	x	x	x	x
2E							x		
4A				x	x		x	x	x
4A-F1	x					x	x	x	x
Strat 4				x					
Strat 6	x			x					
T1	x	x		x					
<p>*Includes the following items: Level 2A: a drilled sherd, a ceramic handle, a bone flute, and a shell bead. Level 2B: manos and a piece of worked bone. Level 2C: a ceramic pendant, a ceramic pipe fragment, points (including 1 chert, 2 chalcedony, and 1 obsidian), a hammerstone, manos, a stone drill, worked stone, a bone awl, a worked bone, a soil sample or samples, a shell bead, a bean, and seeds. Level 2D: restorable ceramic vessel(s), a core, a piece of worked bone, and fibrous material. Level 4A: a ceramic handle, a lightning stone, a chert flake, a rock, and tree-ring samples. Level 4A-F1: a carved stone and a piece of worked bone. T1: wood.</p>									

Table 4.20. Room 26A, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Artifacts/ Other*
2B				x
2D				x
4A		x		x
4A-F1				x
Strat 1	x	x	x	
Strat 2	x	x	x	
Strat 5	x			x
Unknown	x			
<p>*Includes the following items: Level 2B: shell beads and a shell pendant. Level 2D: a restorable ceramic vessel. Level 4A: hematite and beans. Level 4A-F1: a turkey vertebra. Strat 5: maize.</p>				

Table 4.21. Room 26B, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Artifacts/ Other*
2C	x	x	x	x
2D	x	x	x	
*Includes the following items: Level 2C: a stone ball, a bone awl, a worked piece of bone, maize, and a shell pendant.				

The Maxwell Museum Archives include six photographs of Room 26 (taken prior to the decision that it was two separate rooms), two photographs of both Room 26A and Room 26B, and three photographs of Room 26A alone (Table A.1). Figure 4.9 shows both rooms.



Figure 4.9. Rooms 26A (south) and 26B (north). Source: Cat. No. 80.24.816A.

No maps show Room 26 (that is, before the work area was divided into two rooms). Rooms 26A and 26B appear on maps created from 1972 through 1976. All of those maps provide plan views; one 1972 map (Cat. No. 2005.25.15159) provides a profile of Room 26B (Table A.2).

Room 127

1976 Excavation

Linda Cordell led the 1976 excavation of Room 127, shown in Figure 4.10. Two student notebooks (Cat. Nos. 79.84.215 and .217) describe work in the room from June 23 through July 21.

Data from Field Forms (Cat. No. 79.84.34)

Room Data Sheet. Room 127 was a two story habitation structure. The fill was sandy and loamy and included adobe slump, caliche, charcoal, and ash. A subfloor test extended down to sterile.

The walls were plastered. A doorway was present in the south wall. The south and west walls showed evidence of burning. Additional wall details are provided in Table 4.22.

Table 4.22. Room 127, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	8.0	2.0	1.0	Adobe
East	7.6	2.5	1.0	Adobe
South	8.2	6.4	1.2	Adobe
West	7.8	3.3	1.2	Adobe and masonry

Depths of the four corners of the third floor (4C) were recorded as 3 feet BSD (northeast and southeast), 2.8 feet BSD (southwest), and 3.8 feet BSD (northwest).

Grid Level Records. A diagram for the first level of roof fall (3A) indicates adobe plaster on the north wall and an adobe east wall. The north, west, and south walls were eroded adobe with possible plaster surfaces. A diagram shows the north wall with red plaster.

Two forms were completed for the floor identified as “YA.” According to a form for a different floor, 4C in Test Pit 1 (T1), the floor “looks and feels like sterile.” However, the student notebooks indicate that excavation included the first level of fill below 4C (7A). This level “appeared sterile” but two sherds were found.

Feature Forms. Two forms may or may not describe the same feature. The first form identifies F1 as a group of rocks in the center of Room 127, at 17.28 feet BD. Two ceramic artifacts are marked but not identified. The second form identifies F1 as a hearth found at 16.88 feet BD (2.25 feet BSD), with its center at grid location 092.4S/120E. The hearth measured 3 feet north-south by 2 feet east-west, and extended from 16.88 to 17.28 feet BD. It was filled with ash and charcoal, was found on a floor, and contained a ceramic figurine (identified as an Earth Mother) and a mano.

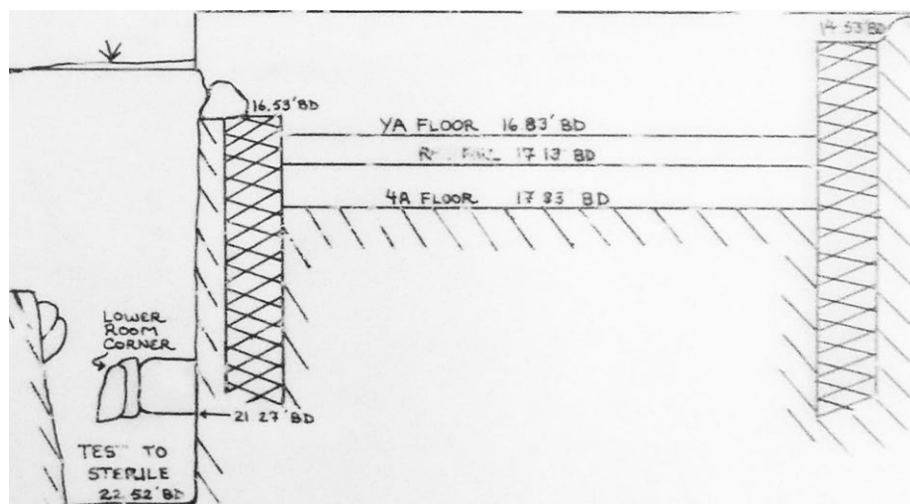
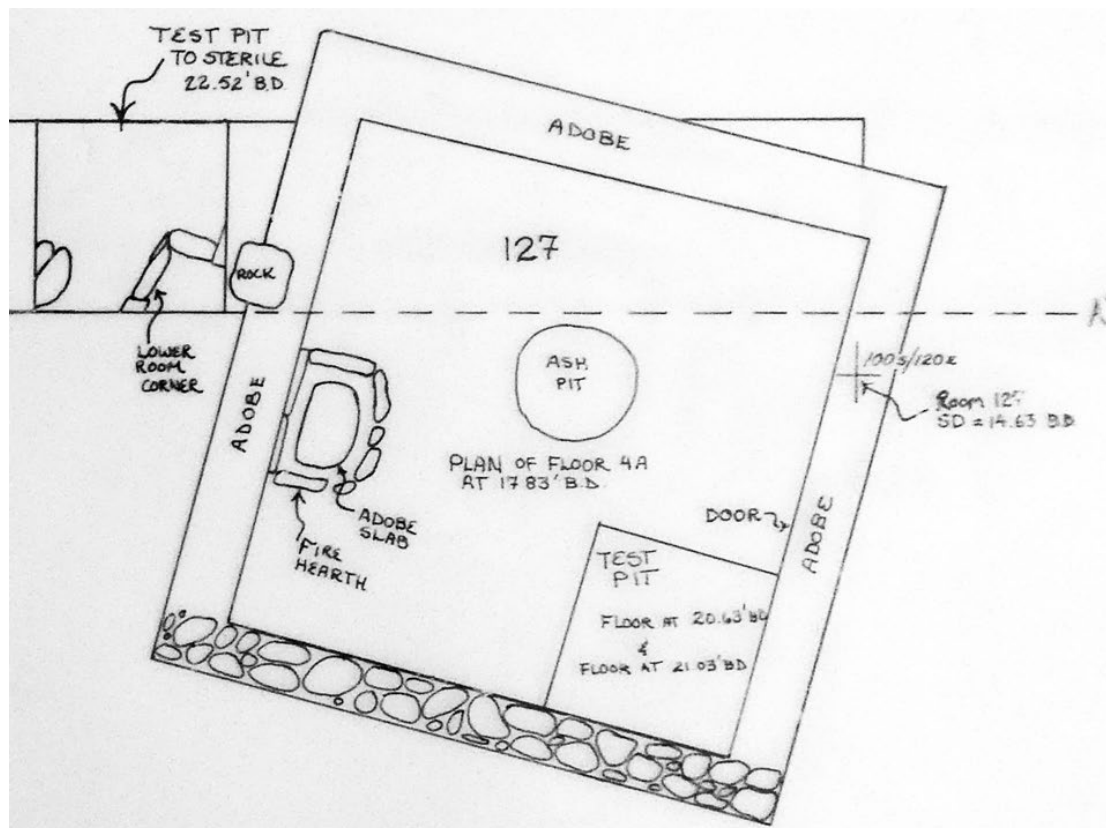


Figure 4.10. Plan and profile of Room 127. Source: Cat. No. 2005.25.15174.

A different form identifies F1 as a fire pit that extended into the north wall of the room at grid location 092.4S/118.7E. The fire pit was located at 17.68 to 18.13 feet BD, 3.3 feet below the surface; it measured 1.7 feet by 1.25 feet and 0.25 foot deep. This fire pit seems to be the fire pit (F1) found on the first floor (4A) referred to in Table 4.23 (below). The fire pit (F1) is further described as semicircular, with upright small stones and a chunk of hard burned adobe in the bottom.

F2, an ash pit associated with the first floor (4A), was located at 17.63 to 18.53 feet BD (3.9 feet BSD) at grid location 094.6S/119E. It was circular in plan, was lined with about 0.1 foot of red adobe, and measured 1.9 feet across by 0.9 foot deep. The ash pit was south of the fire pit (F1) and was filled with ash, charcoal, and adobe.

Observations from Notebooks

Room 127 was identified in grid unit 090S/120E, in Trench D, which at the start of the excavation of Room 127 was identified as extending from 060 to 100S along 121E. Trench D cut through the east third of the room (Cat. No. 79.84.215). By July 6, Trench D had been further excavated, now extending from 042 to 090S and 121 to 124E (Cat. No. 79.84.217).

The notebooks (and also the field forms) betray confusion about the depths of various levels, including a failure to state whether levels were in Room 127 or in Trench D. At the least, these discrepancies extend to Levels 2B (the second level of fill) and 3A (the first level of roof fall).

The sub-datum for the room was at 100S/120E, at 14.63 feet BD (Cat. No. 79.84.215).

In talking to the students, Cordell suggested that finding roof fall underlain by adobe slump indicated the room may have been two stories, with the adobe slump being what was left of the second story floor (Cat. No. 79.84.215).

The south wall was smooth; it was coated with caliche and gray plaster (Cat. No. 79.84.217). The west wall was also coated with gray plaster (Cat. No. 79.84.217).

A smooth surface was found in the southeast corner of the room below the second level of fill (2B). Cordell agreed that this surface probably was the floor from the second story. The students referred to this floor as “the first second floor” or “the second story floor” and coded it as “YA” (Cat. Nos. 79.84.215 and .217).

A hearth (F1) associated with the second story floor (YA) contained a mano and what Cordell described as an “Earth Mother fertility fetish” (Cat. Nos. 79.84.215 and .217).

A fire pit (F1) containing a slab of hard baked adobe was found on the first floor (4A), against and extending into the north wall of the room. Rock slabs were found in the north wall at the back of the fire pit. The fire pit fill was described as “slumpish” on top, with burned wood directly under slump and a layer of ash just above the adobe slab floor (Cat. No. 79.84.215). The students first thought that the floor (4A) was a remodeling of a lower level floor since it was almost entirely intact, with the fire pit (F1) still in place. The ash pit (F2) in the center of the room, filled with ash and soil, was almost perfectly circular, was bowl-shaped, and was lined with about 1 cm of red clay or adobe (Cat. No. 79.84.217).

The fill above the first floor (4A) was soft, trashy brown dirt with charcoal and clay (Cat. No. 79.84.215).

During excavation of the first level of fill below the first floor (5A), the students identified a sealed doorway in the south wall (Cat. Nos. 79.84.215 and .217). They followed the south wall down through several levels of fill below the first floor (5A–5E) (Cat. No. 79.84.215).

During the last two days of the field season, further excavation of Room 127 was limited to a test pit (T1) in the southwest corner of the room, at grid location 096–099S/014.5–017.7E (Cat. No. 79.84.217). Small pieces of wood under the west wall were identified as wall support posts. Excavations of the second and third levels of fill below 4A (5B, 5C) in the test pit (T1) indicated that at least one such support post extended at least that deep, finally becoming crumbly in the fourth level of fill (5D). At the third floor (4C) in the test pit (T1), the south wall lost its plaster surface and became eroded and crumbly.

Summary of Excavation by Level

Table 4.23 summarizes the 1976 excavation of Room 127 by level.

Table 4.23. Room 127, 1976 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1A – 1 st level surface	Located at 13.57–14.63 feet BD.	Very sandy loose soil (Cat. No. 79.84.215).
1B – 2 nd level surface	Located at 14.63–15.13 feet BD, matrix of powdery fill around crumbly adobe slump.	
1C – 3 rd level surface	Located at 15.13–15.63 feet BD, matrix of adobe slump and sandy soil.	
2A – 1 st fill level	Located at 15.63–16.13BD, matrix of adobe clods with soft fill in between.	Fill of hard adobe chunks (Cat. No. 79.84.215).
2B – 2 nd fill level	Located at 16.13–16.63 BD, matrix of soft clay and sand with large chunks of adobe.	
YA – 2 nd story floor	Located at 2.5 feet BSD, 0.4 foot thick, burned adobe, with a fire pit (F1). Located at 16.63–17.13 feet BD, matrix of roof, fallen floor, soft sandy soil with hard adobe slump, roof fall with a hearth (F1).	Located below 2B, fill was loose, sandy. Designated YA (Cat. No. 79.84.217).
3A – 1 st level roof fall	Located at 17.13–16.63 feet BD, matrix of soft sandy loam with burned adobe, abundant charcoal.	Removed 5 feet long roof beam (Cat. No. 79.84.215). Found a floor—a hard, almost continuously blackened surface in north-center part of room (Cat. No. 79.84.217).
4A – 1 st floor	Located 3.0 feet BSD, 0.3 foot thick, burned adobe with a fire pit (F1) & ash pit (F2). Located at 17.63–18.13 feet BD, matrix of soft loam with ash, charcoal, red clay, abundant trash.	Located at 17.48 feet BD at west wall, 17.73 feet BD at east edge (Cat. No. 79.84.217). Latillas on floor. Fire pit (F1) and ash pit (F2) in center of floor (Cat. No. 79.84.215).

Table 4.23. Room 127, 1976 Excavated Levels.

Level	From the Field Forms	From the Notebooks
5A – 1 st level fill below 4A	Located at 18.13–18.63 feet BD, matrix of brown sandy loam with ash, charcoal, adobe chunks. Doorway visible in south wall. Two wall support posts in west wall near southwest corner of room.	Fill of hard red clay with caliche, charcoal (Cat. No. 79.84.215).
5B – 2 nd level fill below 4A		Located at 18.63–19.13 feet BD, fill of soft clay with charcoal, ash, caliche (Cat. No. 79.84.215).
5B-T1 – 2 nd level fill in Test Pit 1	Located at 18.63–19.13 feet BD, matrix soft, loamy, with ash, charcoal, caliche. 3 by 3 foot test pit in southwest corner of room. Wood post in west wall just north of southwest corner.	
5C – 3 rd level fill below 4A		Located at 19.13–19.63 feet BD, fill of loam with charcoal and ash (Cat. No. 79.84.215).
5C-T1 – 3 rd level fill below 4A	Located at 19.13–19.63 feet BD, matrix red, soft, loamy and sandy.	
5D – 4 th level fill below 4A		Located at 19.63–20.13 feet BD, fill of loam with charcoal and ash. Patches of hard pink adobe <u>at top</u> of level (Cat. No. 79.84.215).
5D-T1 – 4 th level fill below 4A	Located at 19.63–20.13 feet BD.	
5E – 5 th level fill below 4A		Located at 20.13–20.63 feet BD, fill of more compact clay with charcoal, ash, and caliche (Cat. No. 79.84.215).
5E-T1 – 5 th level fill below 4A	Located at 20.13–20.63 feet BD, matrix of clay, more compact than in upper levels.	
4B-T1 – 2 nd floor in Test Pit 1	Located at 6.0 feet BSD, 0.1 foot thick, burned adobe. Located at 20.63–21.13 feet BD, matrix of hard clay, charcoal, caliche, rocks.	Floor broken and caved, with 3 offset walls; the south wall was a reutilized wall. The west wall continued <u>downward past</u> the floor (Cat. No. 79.84.215).
4C-T1 – 3 rd floor in Test Pit 1	Located at 6.5 feet BSD, 0.05 foot thick, burned adobe. Located at 21.13–21.63 feet BD, matrix of purple compact hard clay.	Located at bottom of 4B. Smooth, hard floor with charcoal and caliche (Cat. No. 79.84.215). Identified this firm blackened adobe floor in the test pit (T1) (Cat. No. 79.84.217).
7A – 1 st level fill below 4C	Located at 21.63–22.13 feet BD, matrix of red hard reddish clay with no caliche or ash and only tiny bits of charcoal.	

Published Comments

Room 127 had two stories. The fallen second story floor was broken up but the remains of a fire pit were found under roofing material (all of this above an intact floor with a fire pit and an ash pit) (Cordell 1977b).

The five tree-ring dates from Room 127 ranged from 1287rB to 1370VV. Three were from roof fall (3A); they included two cutting dates (1287r and 1311) and one non-cutting date (1369) suggesting the reuse of roof beams. The fourth date was from the first level of fill (2A) and the fifth was from the second story floor (YA) (Cordell 1977:186, 200, Lumpkin in Cordell 1977b:246).

Artifacts, Photographs, and Maps in the Collections

Table 4.24 summarizes the artifacts from Room 127 in the Maxwell Museum collections.

Table 4.24. Room 127, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Flotation	Pollen	Maize	Shell	Artifacts/ Other*
1A	x	x	x					x
1B	x	x	x					
1C	x	x	x				x	x
2A	x	x	x					x
2B	x	x	x			x		x
YA								x
3A	x	x	x	x		x	x	x
4A	x	x	x	x		x		x
4A-F1	x	x	x		x			x
4A-F2	x	x	x		x			
5A	x	x	x					x
5B-T1	x	x	x					
5C-T1	x	x	x		x			
5D-T1	x		x					
5E-T1	x	x	x					
4B	x							
4B-T1	x		x					x
4C-T1	x	x	x					
7A-T1	x							
*Includes the following items: Level 1A: manos. Level 1C: a biface and a mano fragment. Level 2A: a mano fragment and soil. Level 2B: hammerstones and a bone awl.								

Table 4.24. Room 127, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Flotation	Pollen	Maize	Shell	Artifacts/ Other*
Level YA: a ceramic ball and an obsidian biface. Level 3A: a worked sherd, a hammerstone, a polishing stone, points (including 1 chalcedony), a turquoise pendant, a bone bead, a worked shell, and adobe. Level 4A: a polishing stone, a core, mica, mano fragments, worked stone, and a bone awl. Level 4A-F1: <i>tiponi</i> (Earth Mother) and manos. Level 4B-T1: a hammerstone and a mano fragment. Level 5A: an obsidian drill.								

The Maxwell Museum Archives include five photographs of Room 127 (Table A.1). Figure 4.11 shows the first floor (4A), with the fire pit (F1) near the north wall, the ash pit (F2), and roof beams on the floor.



Figure 4.11. Room 127, first floor (4A). Source: Cat. No. 80.33.711A.

Room 127 appears on maps created in 1976. All of the maps provide plan views; one (Cat. No. 2005.25.15174) provides a profile (Table A.2).

Chapter 5

ROOM BLOCK 6, ROOMS 4, 5, AND 11

Rooms 4, 5 and 11, in Room Block 6, were excavated in 1971. Figure 5.1 depicts these rooms and shows their positions relative to adjoining rooms in the room block. Figure 5.2 shows the profiles corresponding to Figure 5.1. Recorded locations for the rooms and their sub-datum vary, but maps show the block extending from 190 to 220N and from 020 to 060E. I assume that maps created in the field, during excavation, show the room block's location most accurately.

Room 4

1971 Excavation

James Judge led the 1971 excavation that identified Room 4, which had masonry walls and an adobe floor. Eight student notebooks (Cat. Nos. 79.84.36, .38, .40, .41, .54, .57, .58, and .61) describe their work in the room from June 22 through July 7.

Data from Field Forms (Cat. No. 79.84.2)

Room Data Sheet. The sub-datum for this room was reported as being at 140N/040E, without a stated vertical relationship to the datum.

Most of the field forms show Room 4 in grid unit 140N/040E, but a few show the 140N crossed out and replaced with 190N. The room was a habitation room with four masonry walls (Table 5.1) and an adobe floor. Room fill was described as hard-packed at the top and soft near the floor.

Table 5.1. Room 4, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	7.7	1.95	1	Masonry
East	8.3	1.65	1.15	Masonry
South	7.7	1.95	0.97	Masonry
West	7.2	1.67	1	Masonry

The depths of the four corners of the room were recorded as 1.6 feet BSD (northeast), 1.45 feet BSD (southeast), and 1.65 feet BSD (southwest and northwest). These measurements were for the lowest (only) floor. A subfloor test was conducted to search for culturally sterile deposits.

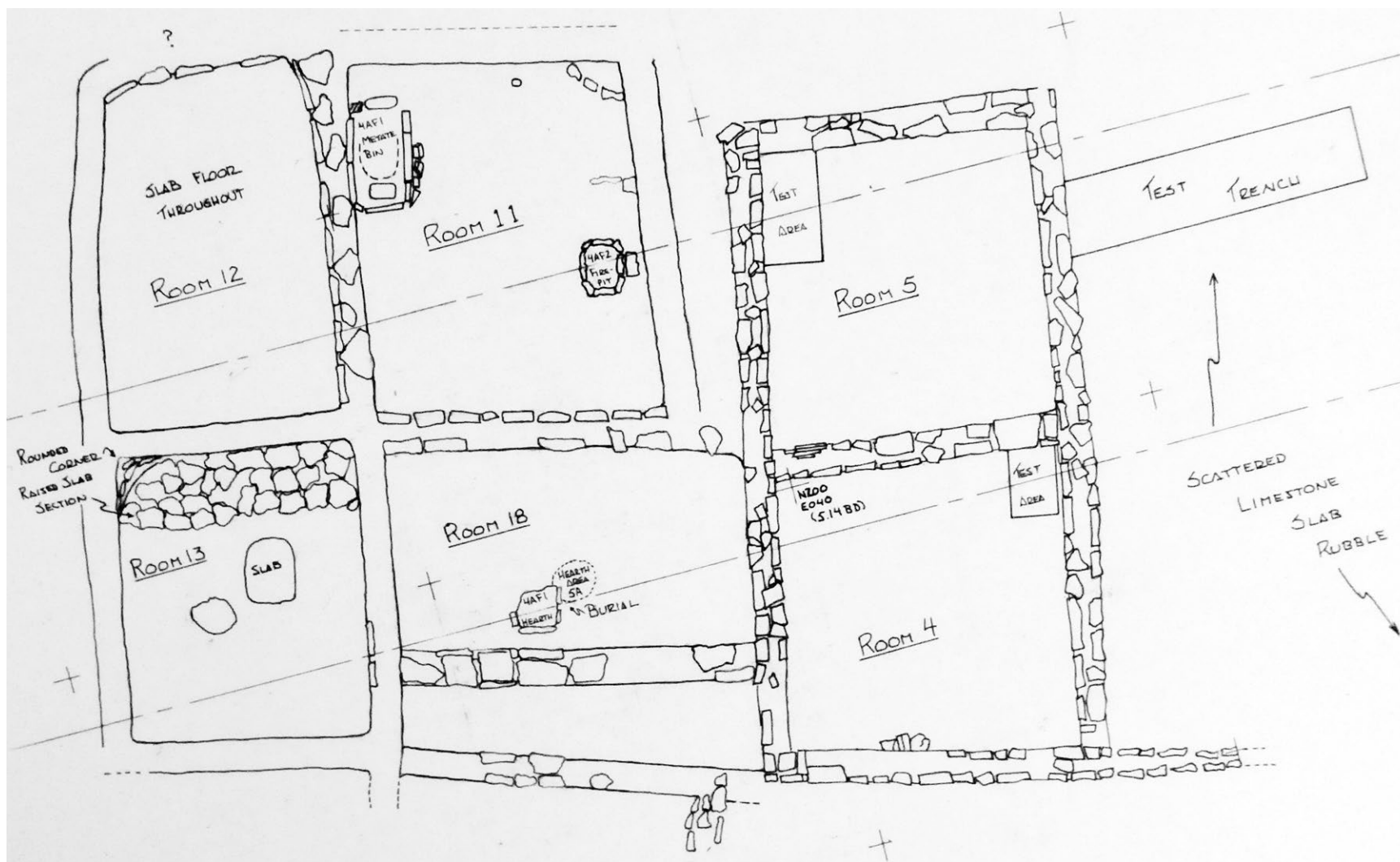


Figure 5.1. Plan of Room Block 6. The profiles in Figure 5.2 correspond to the lines through the room block. The drawing is rotated slightly clockwise from the cardinal directions. Source: Cat. No. 2006.1.20.

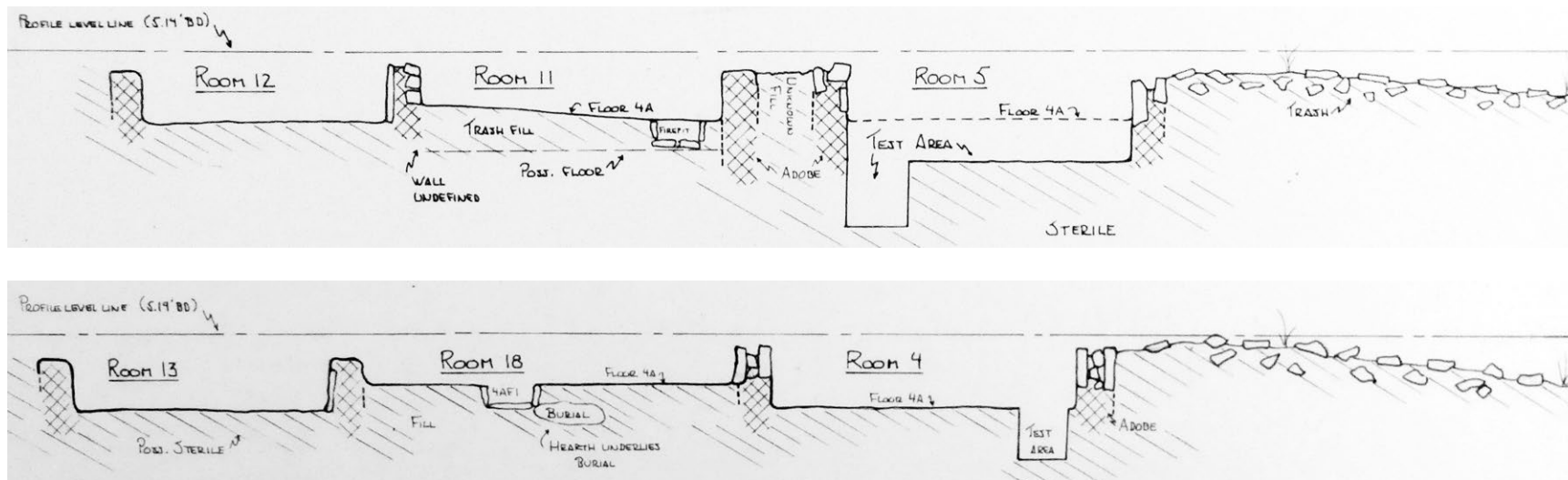


Figure 5.2. Profiles of Room Block 6. Top: profile through Rooms 12, 11, and 5. Bottom: profile through Rooms 13, 18, and 4. Source: Cat. No. 2006.1.20.

Observations from Notebooks

The room was identified when a wall was found (Cat. No. 79.84.57). A test pit was started in the southwest corner of the room, where previous pot hunters had attempted to dig (Cat. No. 79.84.61).

Room walls became visible in the second level of fill (2B). The north wall of Room 4 was the south wall of Room 5. Room 4 had stonework that extended deeper than that in Room 5, and Room 4 appeared to be lower in elevation than Room 5 (Cat. No. 79.84.54). One sketch depicts rock and plaster walls (Cat. No. 79.84.38). One notebook suggests that the walls were rock on top of adobe (Cat. No. 79.84.61). The south, east and west walls appeared to be double masonry walls (Cat. No. 79.84.40) with fill between the rocks (Cat. No. 79.84.54).

The remains of an almost complete human foot were found in the northeast quadrant of the room (Cat. No. 79.84.36, .38), but it may not have been part of an “actual” burial (Cat. No. 79.84.38).

Summary of Excavation by Level

Table 5.2 summarizes the 1971 excavation of Room 4 by level, based on student notebooks. Only one field form entry is relevant here: the first floor (4A) was located at 1.45–1.64 feet BSD, was 0.5 foot thick, and was made of adobe (Cat. No. 79.84.2).

Table 5.2. Room 4, 1971 Excavated Levels.

Level	From the Notebooks
1A – 1 st surface level	Contained loose rocks (Cat. No. 79.84.40).
2A - 1 st level fill	Contained loose rocks (Cat. No. 79.84.40).
2B - 2 nd level fill	Visible south, east, and west walls were double masonry, with fill between the rocks (Cat. No. 79.84.40, .54). Scattered charcoal and fired adobe (Cat. No. 79.84.40).
2C - 3 rd level fill	Scattered fired adobe (Cat. No. 79.84.40).
2D - 4 th level fill	Finding fewer sherds and lithic artifacts (Cat. No. 79.84.40) and bones within the walls (Cat. No. 79.84.36). Concentration of bones in room’s southeast quadrant (Cat. Nos. 79.84.41, .57).
2E - 5 th level fill	Softer soil with ash lens (Cat. No. 79.84.41) above hard-packed adobe with ash (Cat. No. 79.84.40). Located at 1.1–1.9 feet BSD (79.84.57).
2F - 6 th level fill	Ash pit in center of room contained human foot bones (Cat. Nos. 79.84.41 and .57).
4A - 1 st floor	Located at 1.45–1.48 feet BSD (Cat. No. 79.84.57).
5B - 2 nd level fill below 4A	Concentration of animal bones in northeast corner of floor (Cat. No. 79.84.41).

Excavation of the room was completed on July 7. On July 22 a student noted that Rooms 4 and 5 had been built before Rooms 11–13 and 18 (Cat. No. 79.84.61).

1974 Summary of Judge Excavation

Data from Field Forms (Cat. No. 79.84.278A)

Room 4 was a habitation room in grid 140N/040E. The room was excavated to a depth of 1.7 feet BSD. A subfloor test was made in the northeast quadrant of the room, to a depth of 2.9 feet BSD where sterile was reached. Excavated levels included the first and second surface levels (1A, 1B), six levels of fill (2A–2F), and the first floor (4A). Level 1B was not mentioned on the 1971 field form or in student notebooks, but the Maxwell Museum has artifacts from that level.

Room 4 had masonry walls. The adobe floor (4A) measured 7.7 by 8.3 feet and was 1.7 feet thick (as was reported in 1971). An ash pit was present.

Artifacts, Photographs, and Maps in the Collections

Table 5.3 summarizes the materials from Room 4 in the Maxwell Museum collections.

Table 5.3. Room 4, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Charcoal	Artifacts/ Other*
1B – 2 nd level surface	x				
2B – 2 nd level fill	x				
2C – 3 rd level fill	x	x	x		x
2D – 4 th level fill	x	x	x		x
2E – 5 th level fill	x	x	x	x	x
2F – 6 th level fill	x	x	x		
2G – 7 th level fill					x
4A – 1 st floor	x	x	x		x
4A – 1 st floor pit				x	
Southwest corner			x		
Test pit	x	x	x		x
Test trench				x	x
Unknown	x	x	x		
*Includes the following items: Level 2C: a mano fragment and a shell bead. Level 2D: a rim sherd. Level 2E: rim sherds and points (1 obsidian, 1 chert). Level 2G: a chalcedony point, a knife, a scraper, and a bone whistle. Level 4A: a rim sherd, points (1 obsidian), and a chopper. Test pit: a mano fragment. Test trench: a mano fragment.					

The Maxwell Museum Archives include seven photographs of Room 4 (Table A.1). Figure 5.3 shows a pit, labeled F1 (Feature 1) for the photograph. Presumably this was the ash pit mentioned above.



Figure 5.3. Room 4, small pit. The mug board indicates that the photograph was taken at the sixth level of fill (2F) and shows Feature 1 (F1). Source: Cat. No. 80.24.548A.

Room 4 appears on maps created in 1971 and from 1973 through 1976. All of the maps provide plan views; one 1971 map (Cat. No. 2006.1.20) provides a profile (Table A.2). Three maps (Cat. Nos. 79.84.236, 2005.25.15155, and 2006.1.20) place the room block in grid units 190–220N/020–060E.

Room 5

1971 Excavation

James Judge led the 1971 excavation of Room 5, which had adobe and stone walls and an adobe floor. Eight student notebooks (Cat. Nos. 79.84.36, .38, .41, .44, .54, .57, .58, and .61) describe work in the room from June 23 through July 7.

Data from Field Forms (Cat. No. 79.84.2)

Room Data Sheet. The sub-datum for this room was at 200N/040E, at 5.19 feet BD.

Room 5 was a habitation room with adobe and stone walls (Table 5.4) and an adobe floor. Room fill was hard-packed until the floor was reached, and soft-packed under the walls. The lowest (only) floor was reached and a subfloor test trench was placed. This test trench extended east of the room's east wall. Also, a test pit was placed in the northwest corner of the room. The test pit measured 2.85 feet north-south and 1.7 feet east-west. A pedestal was left in the southwest corner of the room.

Table 5.4. Room 5, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	7.1	1.5	0.9	Adobe and stone
East	7.3	1.5	0.8	Adobe and stone
South	7.6	1.4	0.9	Adobe and stone
West	7.8	1.7	0.95	Adobe and stone

The four corners of the room were all at 2.4 feet BSD. The test trench reached 4.2 feet BSD.

Grid Level Records. One form reports a fire pit in the north-central portion of the room and a test pit extending from 2.1 to 4.4 feet BSD in the northwest corner of the room. The test pit matrix consisted of very damp clay, charcoal, and hard clay at the bottom, with an ash lens.

Feature Forms. One form identifies a fire pit (F1) on the first floor (4A), 3.5 feet east of the room's west wall and 1.5 feet south of the north wall. The fire pit was level with the floor and had ash around its base. The fire pit measured 1 foot across and extended down about 0.2 foot. The fill was a white-gray puddle of ash with a concentration of burned bone, maize cobs, and sherds.

Observations from Notebooks

Room 5 was just north of Room 4, with a shared wall. The walls were double rows of stone with some adobe fill, and what appeared to be stone piled on top of a stone foundation (Cat. No. 79.84.61).

Room 5 was just east of Room 11, with a gap between the two rooms. The west wall of room 5 was not of the same material as the east wall of Room 11, which was adobe. (Cat. No. 79.84.38).

The students placed a test pit in the northwest corner of the room (Cat. No. 79.84.44). At the sixth level of fill (2F) in the test pit, they re-designated that level (2F) as the first floor (4A), based on a line of ash seen along the base of the test pit. A second, heavier line of ash appeared about 8 to 10 inches below the first. The first line of ash was level with the fire pit (Cat. No. 79.84.61).

Two notebooks mention finding abundant fill and refuse beneath the first floor (4A) and suggest that Room 5 may have been built over a midden (Cat. Nos. 79.84.38 and .61).

The students expanded and deepened the test pit and began a trench extending to the east part of the room (Cat. No. 79.84.38). They also extended the test pit all the way across (along?) the west wall (Cat. No. 79.84.61). According to one student, the test trench extended beyond the room and appeared “pretty sterile” (Cat. No. 79.84.58), while Room 5 was not.

Excavation of Room 5 ended on July 7. On July 22 a student noted that Rooms 4 and 5 were built before Rooms 11–13 and 18. (Cat. No. 79.84.61).

Summary of Excavation by Level

Table 5.5 summarizes the 1971 excavation of Room 5 by level.

Table 5.5. Room 5, 1971 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2C – fill level 3		Rocks outlined walls of the room (Cat. No. 79.84.41).
2D – fill level 4		Softer fill than in Level 2C (Cat. No. 79.84.61).
2E – fill level 5		Poorly defined ash pit in southwest corner of room (Cat. No. 79.84.41).
2F – fill level 6		Located at 0.8–1.1 feet BSD (Cat. No. 79.84.61). Softer soil, ash lens (Cat. No. 79.84.41). Located at 0.8–1.4 feet BSD (Cat. No. 79.84.61); later changed designation to floor (4A) in test pit in northwest corner of room (Cat. No. 79.84.44).
4A – 1 st floor	Located at 2.4 feet BSD. A very thin adobe floor with a fire pit.	Pedestaled the fire pit (Cat. No. 79.84.61).
5A – level 1 fill below 4A		Large concentration of sherds, stone, charcoal (Cat. No. 79.84.41).
5B – level 2 fill below 4A	Concentration of bones in northeast corner of room.	Located at 1.6–2 feet. Fill was soft clay (Cat. No. 79.84.61).

1974 Summary of Judge Excavation

Data From Field Form (Cat. No. 79.84.278A)

Room 5, used for habitation, was in grid unit 200N/040E. (It appears that this grid unit value was a mistake, and that the actual unit location was 150N/040E).

Five subfloor tests were placed in the room. The two surface levels (1A, 1B), five levels of fill (2A–2E), the first floor (4A), and two levels of fill below the first floor (5A, 5B) were dug to a depth of 2.4 feet BSD. The first floor (4A) measured 7.2 by 7.1 feet and was 2.4 feet deep. The floor was adobe with a fire pit, and the walls were adobe and masonry.

A piece of petrified wood was found on the first floor (4A). This may be the piece of petrified wood in the collections listed as coming from Test 1 at the first floor (4A-T1) (Table 5.6, below).

Artifacts, Photographs, and Maps in the Collections

Table 5.6 summarizes the materials from Room 5 in the Maxwell Museum collections. None of the artifacts in the collection comes from Levels 1A or 1B.

Table 5.6. Room 5, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Artifacts/ Other*
2B – 2 nd level fill		x		
2C – 3 rd level fill	x		x	
2D – 4 th level fill	x	x	x	
2E – 5 th level fill	x	x	x	
4A – 1 st floor	x	x		x
4A-T1 – 1 st floor in Test 1	x	x		x
5A – 1 st level fill below 4A	x	x	x	x
5B – 2 nd level fill below 4A	x	x	x	x
5B-T1 – 2 nd level fill below 4A in Test 1	x	x	x	
Test 1			x	
Unknown		x		
*Includes the following items: Level 4A: a ceramic handle or lug, worked sherds, scrapers (including 1 chert), an obsidian point, maize, and flotation material. Level 4A-T1: wood. Level 5A: mano fragments, a polishing stone, a chert scraper, and molded adobe. Level 5B: restorable ceramic vessel(s), a piece of hematite, a piece of ground stone, a mano fragment, a chopper or core, a scraper, a bone awl fragment, and molded adobe.				

The Maxwell Museum archives include eight photographs of Room 5 (Table A.1). Figure 5.4 shows the first floor (4A), with a fire pit (F1) at the point of the North arrow.

Room 5 appears on maps created in 1971 and from 1973 through 1976. All of the maps provide plan views; one 1971 map (Cat. No. 2006.1.20) also provides a profile (Table A.2). Three maps (Cat. Nos. 79.84.236, 2005.25.15155, 2006.1.20) place the room block in grid units 190 to 220N and 020 to 060E.



Figure 5.4. Room 5, first floor (4A) with fire pit F1. Source: Cat. No. 80.24.534A.

Room 11

1971 Excavation

James Judge led the excavation that identified Room 11. Seven student notebooks (Cat. Nos. 79.84.36, .38, .40, .41, .57, .58, and .61) describe work in the room from July 1 through July 23.

Data from Field Forms (Cat. No. 79.84.4)

Room Data Sheet. The sub-datum for this room was reported as being at 150N/030E, without a stated vertical relationship to the datum.

Room 11 was used for habitation. The room fill was clay-like packed earth. A subfloor test was placed and indicated a possible second floor. Wall details are summarized in Table 5.7; wall heights were not recorded.

Depths of the four corners of the room were recorded as 2.25 feet BSD (northeast), 2.2 feet BSD (southeast), 2.1 foot BSD (southwest), and 2.1 foot BSD (northwest).

Table 5.7. Room 11, Wall Measurements and Materials.

	Length (ft)	Thick (ft)	Material
North	6.7	0.8	Adobe
East	9.4	0.8	Adobe
South	7.4	1.1	Double rock wall
West	8.6	1.1	Rock and adobe

Grid Level Records. The record for the first level of roof fall (3A) includes a diagram of a grinding “box” (bin; F1) associated with the second level of fill (2B). Due to the sloping floor, the grinding bin (F1) and its associated manos were on, and recorded with, the first floor (4A).

The record for the first level of fill below the first floor (5A) identifies a stone-lined hearth.

Feature Forms. Two forms were recorded for a grinding bin (F1) located at 0.1 foot BSD. The first form places the grinding bin at grid location 159.5–161.N/030–033E; the second form places it at 159.55–162.7N/031.2–032.6E. The first form indicates that the grinding bin measured 3 by 1.9 feet, was filled with adobe, and was in the room’s northwest corner. The second form indicates it measured 3.1 by 1.4 feet by 0.8 foot deep and was filled with hard-packed clay.

A feature form was recorded for a pit (F2) located at 1.6–1.9 feet BSD, at grid location 155.9–157.4N/035.9–037E. The pit measured 1.3 feet by 1 foot on the inside, was 0.3 foot deep, and was filled with light-colored ash with flecks of charcoal. The top layer of ash was darker and the lower layer was lighter in color and hard-packed. The pit was associated with a deflector north of the pit. The form also notes that depths were being measured from grid location 160N/030E.

Observations from Notebooks

Room 11 was west of Room 5. The west wall of Room 5 was built of different material than Room 11’s adobe east wall (Cat. No. 79.84.38).

A diagram (in Cat. No. 79.84.38) shows the north wall of Room 11 as made of rock, and shows a gap between Room 11’s east wall and Room 5’s west wall. A different notebook (Cat. No. 79.84.40) indicates that the walls of Room 11 were all adobe except for a slight amount of masonry in the west wall. The east and west walls appeared to extend south to Room 12 (Cat. No. 79.84.61).

A small (1 foot) test was sunk in fill in the room’s southeast corner (Cat. No. 79.84.61).

A notebook (Cat. No. 79.84.40) identifies a fire pit lined with stone slabs (F2), and indicates that in the south part of the room, the first floor (4A) was much smoother and flatter than in the north part of the room. The same notebook includes a diagram showing a test pit in the room’s southwest corner, and describes finding what the students thought was a possible second floor. This possibility was later discounted, as the walls did not extend below the first floor (4A).

A notebook (Cat. No. 79.84.58) describes the fire pit (F2) as having stone slabs around it, and that a rock sticking out of the wall north of the fire pit was thought to be a deflector.

Summary of Excavation by Level

Table 5.8 summarizes the 1971 excavation of Room 11 by level.

Table 5.8. Room 11, 1971 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2A – 1 st level fill	Located at 0.1–0.75 feet BSD, matrix of hard packed soil except where potted at south end. Located at 0.45–0.7 feet BSD, matrix of loose brown soil.	
2B – 2 nd level fill	Matrix of soft ashy material.	Located at 0.1–0.5 foot BSD (Cat. No. 79.84.61). Abundant charcoal (Cat. No. 79.84.40).
3A – 1 st level roof fall	Matrix of hard-packed clay until last inch <u>above floor</u> , then soft fill.	
4A – 1 st floor	Located at 1.6 feet BSD, 0.1 foot thick, plastered with a fire pit. Hard-packed clay floor, matrix of hard clay, ash, beams. F1 form records this floor as slab-lined.	Located about 1 foot below 2B (Cat. No. 79.84.40). Identified in test pit in room's southeast corner.
5A- 1 st level fill below 4A	Matrix very soft and loose.	

1974 Summary of Judge Excavation

Data from Field Forms (Cat. No. 79.84.278A)

Room 11 was used for food processing and was in grid unit 200N/030E. Excavation included two levels of fill (2A, 2B), the first level of roof fall (3A), the first floor (4A), and the first level of fill below the first floor (5A), reaching a depth of 2.2 BSD. Subfloor tests were conducted.

The adobe first floor (4A) measured 9.4 by 6.7 feet and extended to 1.6 feet BSD. A grinding bin was found on the floor. The room walls were adobe and masonry.

The room had eroded enough to expose an adobe room below and offset from it.

Artifacts, Photographs, and Maps in the Collections

Table 5.9 summarizes the artifacts from Room 11 in the Maxwell Museum collections.

Table 5.9. Room 11, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	C14 Samples	Pollen	Flotation	Artifacts/ Other*
2B	x	x	x	x			x
3A	x	x	x	x	x	x	x
4A	x	x	x	x	x		x
4A – F2						x	
5A	x	x					x
Test			x				x
*Includes the following items: Level 2B: charcoal. Level 3A: a rim sherd, restorable ceramic vessel(s), a mano fragment, and adobe. Level 4A: a round duck-shaped pot, restorable ceramic vessel(s), a hammerstone, a knife, a mano fragment, a crinoid bead, and a bone awl. Level 5A: a chopper. Test: bone awls.							

The Maxwell Museum Archives include eight photographs of Room 11 (Table A.1). Figure 5.5 shows the first floor (4A) and the grinding bin. The latter is also visible in a photograph taken after excavation of the first level of roof fall (3A) (Cat. No. 80.24.596A).



Figure 5.5. Room 11, first floor (4A), showing grinding bin (F1) and hearth (F2).
Source: Cat. No. 80.24.602A.

Figure 5.6 shows the fire pit (F2) at the room's east wall.



Figure 5.6. Room 11, first floor (4A), fire pit (F2). Source: Cat. No. 80.24.615A.

Room 11 appears on maps created in 1971, 1973, 1975 and 1976. All of the maps provide plan views; one 1971 map (Cat. No. 2006.1.20) also provides a profile (Table A.2). Three maps (Cat. Nos. 79.84.236, 2005.25.15155, and 2006.1.20) place the room block in grid units 190 to 220N and 020 to 060E.

Chapter 6

ROOM BLOCK 6, ROOMS 12, 13, AND 18

Rooms 12, 13, and 18, in Room Block 6, were excavated in 1971. The rooms are shown in Figures 5.1 and 5.2. As I describe in Chapter 5, the records show some confusion about the actual location of Room Block 6 and its sub-datum. Three maps (Cat. Nos. 79.84.236, 2005.25.15155, and 2006.1.20) place the room block in grid units 190 to 220N and 020 to 060E.

Room 12

1971 Excavation

James Judge led the 1971 excavation that identified Room 12. Eight student notebooks (Cat. Nos. 79.84.36, .38, .40, .41, .54, .57, .58, and .61) describe work in the room from July 7 through July 23.

Data from Field Forms (Cat. No. 79.84.4)

Room Data Sheet. Room 12 was used for storage. Room fill consisted of loose alluvial soil with burned roof beams and chunks of adobe. Excavation stopped at the first floor (4A). All four walls were plastered and burned. Table 6.1 provides additional wall details.

Table 6.1. Room 12, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	4.67	1.15		Adobe
East	9.25	1.6	0.9	Adobe
South	5.75	1.3	0.8	Adobe
West	8.67	1.3	0.8	Adobe

Depths of the room corners were recorded as 1.2 feet BSD (northeast), 1.25 feet BSD (southeast and southwest), and 1.3 feet BSD (northwest).

The room was identified as being in the north part of grid 150N/020E, just north of Room 13.

Grid Level Records. The room was reported as spanning grid units 150–160N/020E.

Observations from Notebooks

Beams in the roof fall (3A) had burned (Cat. No. 79.84.38).

One notebook (Cat. No. 79.84.61) described the walls as rock on top of adobe, and the charred roof beams as “huge.”

Summary of Excavation by Level

Table 6.2 summarizes the 1971 excavation of Room 12 by level.

Table 6.2. Room 12, 1971 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1B - 2 nd level surface	Located in grid 150N/020E, matrix of loose sand and alluvium.	
2A - 1 st level fill	Matrix of alluvium, sand, and clay. Contained wall fall and abundant charcoal. Found roof fall, including beams, at 0.3 foot BSD.	
3A - 1 st level roof fall	Located at 0.6 foot ASD–0.3 foot BSD, matrix of loose alluvium mixed with adobe wall fall. Abundant charcoal in north part of room. Included charred beams and maize cobs, burned adobe plaster.	Maize stalks possibly used as roofing material. Adobe associated with beams and reeds (Cat. No. 79.84.38).
2B - 2 nd level fill	Matrix of red-brown soil mixed with charcoal chunks and burned adobe. Softer than Level 2A.	
4A - 1 st floor	Located at 1.25 feet BSD, cobbles and other stones, burned. Muddy roof fall. Found burned vigas in south part of room. Stone and adobe floor.	Clay and stone floor extended across the room (Cat. No. 79.84.57). Floor was irregular, varied in depth as though it had shifted (Cat. No. 79.84.57).

Published Comments

The tree-ring date of 1313 from Room 12 was an “outside” tree ring date (Cordell 1977a:27). By 1975, the room had been excavated to sterile (Cordell 1977a:29).

1974 Summary of Judge Excavation

Data from Field Forms (Cat. No. 79.84.278A)

Room 12, a storage room, was in grid unit 200N/020E (which is consistent with several maps). Excavated levels included the first and second surface levels, the first and second levels of fill, the first level of roof fall, and the first floor (4A), reaching a depth of 1.3 feet BSD.

The burned adobe first floor (4A) measured 4.8 by 9.3 feet and was 1.3 feet deep. The room walls were adobe. Room 12 was contemporary with Room 13, as shown by their shared wall.

Room 12 yielded a tree-ring date of 1313r.

Artifacts, Photographs, and Maps in the Collections

Table 6.3 summarizes the artifacts from Room 12 in the Maxwell Museum collections.

Table 6.3. Room 12, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	C-14	Maize	Artifacts/ Other*
2A	x					
2B	x	x	x			x
2C	x	x				
2E						x
2F						x
3A	x	x	x	x	x	x
4A	x	x	x	x	x	x
Unknown	x	x				
*Includes the following items: Level 2B: a point, a polishing stone, and a metate fragment. Level 2E: an abrader. Level 2F: a point and a mano fragment. Level 3A: restorable ceramic vessel(s), manos and mano fragments, a hammerstone, reeds from roof fall, and pollen. Level 4A: restorable ceramic vessel(s), a mano and mano fragments, a chert chopper, adobe, and flotation material.						

The Maxwell Museum includes two photographs of Room 12 (Table A.1). Figure 6.1 shows the room's first floor (4A).

Room 12 appears on maps created in 1971, 1973, 1975 and 1976. All of the maps provide plan views; one 1971 map (Cat. No. 2006.1.20) provides a profile (Table A.2). Three maps (Cat. Nos. 79.84.236, 2005.25.15155, and 2006.1.20) place the room block in grid units 190 to 220N and 020 to 060E.



Figure 6.1. Room 12, first floor (4A). Source: Cat. No. 80.24.629A.

Room 13

1971 Excavation

James Judge led the 1971 excavation that identified Room 13. Seven student notebooks (Cat. Nos. 79.84.36, .40, .41, .44, .57, .58, and .61) describe work in the room from July 7 through July 23.

Data from Field Forms (Cat. No. 79.84.4)

Room Data Sheet. The sub-datum for this room was reported as being at 150N/020E, without a stated vertical relationship to the datum.

Room 13 was used for storage. The room fill was hard-packed in places, with chunks of burned adobe, burned wood, and charred maize cobs. The students could not determine whether the room was abandoned due to a fire or if the fire occurred after abandonment. The room was completely excavated. The lowest floor was found and a test pit continued down to sterile.

The east wall was burned and contained at least one viga. Other room details are provided in Table 6.4. It is not clear why some wall measurements are described as twelfths of a foot rather than inches.¹

Table 6.4. Room 13, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	6.33	1 5/12	0.8	Adobe
East	7.75	1.75	0.85	Adobe
South	6.33	1.25	0.7	Adobe
West	7 5/12	1 2/12	0.7	Adobe

Depths of the four room corners were recorded as 1.1 feet BSD (northeast and northwest), 1.45 feet BSD (southeast), and 1.4 feet BSD (southwest).

Grid Level Records. The south wall of the room was found just north of an unexcavated area with a tree on it, during excavation of the first level of roof fall (3A). All four walls were visible at first, but the south wall “faded out” at the first level of roof fall (3A).

Observations from Notebooks

Room 13 was reported to be in grid units 130N/020E and 140N/020E (Cat. No. 79.84.40).

The presence of manos plus the slab floor, along with the absence of a fire pit, suggested that Room 13 had been used for storage (Cat. Nos. 79.84.40 and .61).

Room 13 was backfilled on the last day of excavation (Cat. No. 79.84.57).

The students thought that Rooms 4 and 5 were built before Rooms 11–13 and 18 (Cat. No. 79.84.61).

Summary of Excavation by Level

Table 6.5 describes the excavations by level. A notebook entry states that the first floor (4A) consisted of stone slabs and adobe (Cat. No. 79.84.61).

¹ Judge may have instituted the use of measuring tapes marked in feet and tenths of a foot for fieldwork at Tijeras Pueblo. At the time, such tapes were standard issue among U.S. surveyors, engineers, and others, so widely available. In the resulting measurements, partial feet were expressed in decimal fractions. In the case of Room 13, and as a guess, we seem to have fractions of feet measured in inches (what the student grew up with) and recorded as fractions of feet (somewhat conforming to the system in use during fieldwork). —*Series Editor*

Table 6.5. Room 13, 1971 Excavated Levels.

Level	From the Field Forms
1B – 2 nd level surface	Matrix of hard dirt, evidence of adobe wall in northeast corner of grid 140N/020E.
3A – 1 st level roof fall	Located at 0.3 foot ASD–0.2foot BSD, matrix of hard clay, dirt with charcoal. Pockets of charcoal and burned adobe.
3B – 2 nd level roof fall	Located at 5.76 feet BMD (measured from 140N/030E), matrix of patches of hard and soft soil mixed with large amounts of charcoal, chunks of adobe, and vigas.
3C – 4A – 3 rd level roof fall through 4A	Located at 0.9–1.5 feet BSD, matrix of moist loose charcoal with washed-in clay. Roof fall mixed with cooking vessels.
4A – 1 st floor	Located at 1.1–1.5 feet BSD, 0.6 inches thick, made of hard-packed adobe and rock.

Published Comments

The Room 13 tree-ring date of 1321, obtained in 1975, was an outside tree-ring date (Cordell 1977a:27).

1974 Summary of Judge Excavation

Data from Field Form (Cat. No. 79.84.278A)

Room 13, a storage room, was located in grid unit 190N/020E (consistent with several maps). Excavation included the second surface level (1B), the first and second levels of roof fall (3A and 3B), and the first floor (4A), reaching a depth of 1.5 feet BSD. The field form indicates that the location of the test pit below the first floor was unknown, but that it was excavated to sterile. The first floor (4A) measured 7.8 by 6.3 feet, at a depth of 1.5 feet BD. The walls and floor were adobe.

A tree-ring date of 1321r was obtained but based on ceramic styles, the beams in Room 13 may have been recycled. Also, Room Block 6 may have been an outlying “farm” where food was processed.

Artifacts, Photographs, and Maps in the Collections

Table 6.6 summarizes the artifacts from Room 13 in the Maxwell Museum collections.

The Maxwell Museum archives include seven photographs of Room 13 (Table A.1). Figure 6.2 shows a jar on the first floor (4A).

Table 6.6. Room 13, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Adobe	Flotation	Artifacts/ Other*
3A	x				x		x
3B	x	x		x	x	x	x
3C	x	x					
4A				x			
4A-F2**			x				
Unknown	x						x
<p>*Includes the following items: Level 3A: restorable ceramic vessel(s). Level 3B: ceramic bowls, a worked piece of stone, and a mano. Level 3C: restorable ceramic vessel(s). Level 4A: restorable ceramic vessel(s), a ceramic jar, an obsidian point, manos, a polishing stone, a bone awl, and wood (roof matting). Unknown: rim sherd and restorable ceramic vessel(s). **There is no mention of this feature in the field forms and student notebooks.</p>							



Figure 6.2. Room 13, jar on the first floor (4A). Source: Cat. No. 80.24.604A.

Room 13 appears on maps created in 1971, 1973, 1975, and 1976. All of the maps provide plan views; one 1971 map (Cat. No. 2006.1.20) also provides a profile (Table A.2). Three maps (Cat. Nos. 79.84.236, 2005.25.15155, and 2006.1.20) place the room block in grid units 190 to 220N and 020 to 060E.

Room 18

1971 Excavation

James Judge led the 1971 excavation that identified Room 18. Five student notebooks (Cat. Nos. 79.84.36, .40, .41, .57, and .61) describe work in the room from July 12 through July 22.

Room 18 contained a burial, which Stanley Rhine identified as Burial 12 (Cat. No. 73.106.7) (Judge 1974, Appendix C). According to Rhine's report, this burial was found in the first level of fill below the first floor (5A). The fragmentary remains were of an adult, possibly female, whose estimated height was 158 cm. In reviewing preliminary statements about the burial, included below, readers should keep Rhine's professional assessment in mind.

Data from Field Forms (Cat. No. 79.84.4)

Room Data Sheet. The sub-datum for this room was reported as being at 140N/030E, without a stated vertical relationship to the datum.

Room 18 was used for habitation. Room fill consisted of a mix of clay and sand with some charcoal, ash, and sherds and other artifacts.

A diagram shows a wall extending between the west and east walls, across the south part of the room (see Figure 5.1). Table 6.7 provides wall details.

Table 6.7. Room 18, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	8.7	1.6	0.95	Adobe and stone
East	8	1.4	0.9	Adobe and stone
South	9.3	1	0.85	Adobe and stone
West	7.9	0.7	0.9	Adobe and stone

Depths of the four corners of the room were recorded as 0.85 foot BSD (northeast), 1 foot BSD (southeast), 0.4 foot BSD (southwest), and 0.8 foot BSD (northwest). A note adds that these measurements may have been inaccurate due to rain.

A hearth (F1) was associated with the first floor (4A). A burial was found in the first level of fill below the first floor (5A). The burial lay above a second fire pit (see Figures 5.1 and 5.2).

Grid Level Records. Although the room data sheet identified the depth of the first floor (4A) as 0.9 foot BSD, the first floor grid level record identified its depth as 0.4 foot BSD.

The same grid level record (for 4A) indicates that Room 18 was built on top of an earlier room, and that a test pit extending from 0.6 to 1.9 feet BSD was placed in Room 18's southeast corner. It also mentions a burial visible in the first level of fill below the first floor (5A), at a hearth near the middle of the room.

Feature Forms. A form was recorded for the hearth (F1) at grid location 148.7N/032.5E and at 0.8 foot BSD. The hearth measured 1.5 by 1.8 feet, was 0.6 foot at its deepest point, was made with coarse stone, and was filled with ash. The form mentions that a burial was found to one side of, and below, fire pit F1 in association with an adobe fire pit, in the first level of fill below the first floor (5A).

Burial Form. A form for the burial places it in the first level of fill below the first floor (5A). The burial was associated with, or at least directly above, the hearth found on the second floor (4B). The primary interment was fully extended, with no grave goods, in soft loose ash with a matrix of hard-packed red clay. The remains were in fair condition but the skull, the lower legs, and the left arm were missing. Age was estimated at 18 to 22. The first floor (4A) plaster extended over the burial, with the body located between the first (4A) and second (4B) floors.

Observations from Notebooks

A burial of a female, possibly 11 years old, lacked wisdom teeth and had partially fused arm joints (Cat. No. 79.84.40). This burial had been placed on an adobe floor. A masonry wall extended through the burial where the lower legs would have been. A hearth had been placed where one arm would have been.

A different notebook indicated that the burial was found below and east of the first floor (4A) hearth, above a second hearth (Cat. No. 79.84.41). The burial was oriented with the missing head to the north. Surviving remains included vertebrae, the mandible, ribs, part of the pelvis, and toe or finger bones. Of the teeth, only two molars had survived, and those were ground down. The remains were surrounded by an ash lens (the burial pit fill?) and evidence of an adobe-walled fire pit or burial pit (Cat. No. 79.84.57).

A test pit was placed in Room 18's southeast corner (Cat. No. 79.84.41).

A double stone wall was present at the south end of the room (Cat. No. 79.84.41).

One notebook (Cat. No. 79.84.61) describes the room as a "puzzle," since it contained two walls in different levels (the second wall ended within the room's east and west walls) and two floor levels.

Summary of Excavation by Level

Table 6.8 summarizes the 1971 excavation of Room 18 by level. None of the notebook entries is relevant to this summary.

Table 6.8. Room 18, 1971 Excavated Levels.

Level	From the Field Forms
1B – 2 nd level surface	Matrix of loose windblown dirt mixed with rocks.
2A – 1 st level fill	Matrix of loose brown sandy dirt (Room Data Sheet). Matrix of hard-packed soil and a few rocks (Grid Level Record).
2C – 3 rd level fill	Located at 0.4 foot BSD. Starting point for a test pit extending from 0.6–0.9 foot BSD.
4A – 1 st floor	Very thin., hard-packed clay, with one fire pit. Matrix of alluvial fill. Floor not readily definable.

1974 Summary of Judge Excavation

Data from Field Form (Cat. No. 79.84.278A)

Room 18 was a habitation room in grid unit 190N/030E (a location consistent with several maps). The excavated levels included the second surface level (1B), three levels of fill (2A–2C), the first floor (4A), and the first level of fill below the first floor (5A) to a depth of 1.9 feet BSD (the same depth as the burial).

The first floor (4A) measured 8.7 by 8.0 feet, at a depth of 0.9 foot. The floor was hard-packed clay. The walls were adobe and masonry. A fire pit and a burial were found. The second floor (4B) also measured 8.7 by 8.0 feet (the depth was not given) and included a fire pit.

The first level of fill below the first floor (5A) was not completely excavated. Instead the focus was on the burial associated with the first floor (4A). (The reason for associating the burial with the first floor is not provided.) The presence of a subfloor burial overlying an adobe fire pit suggested the presence of an additional floor or floors beneath the first floor (4A).

The second masonry wall paralleling the south wall may have been part of a room built at a different time.

The second floor (4B) was not excavated.

Artifacts, Photographs, and Maps in the Collections

Table 6.9 summarizes the artifacts from Room 18 in the Maxwell Museum collections.

Table 6.9. Room 18, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Flotation	Artifacts/ Other*
4A	x	x	x	x	x
5A	x	x			x
5A - fire pit				x	
T1	x				
T2					x
Test	x	x			x
*Includes the following items: Level 4A: a hammerstone, charcoal, and a shell bead. Level 5A: a hammerstone. Level T2: an obsidian point and an obsidian core. Test: a mano fragment.					

The Maxwell Museum Archives include two photographs of the burial found in Room 18.

Room 18 appears on maps created in 1971, 1973, and 1975. All of the maps provide plan views; one 1971 map (Cat. No. 2006.1.20) also provides a profile (Table A.2). Three maps (Cat. Nos. 79.84.236, 2005.25.15155, and 2006.1.20) place the room block in grid units 190 to 220N and 020 to 060E.



Chapter 7

ROOM BLOCK 8, ROOM 130

Linda Cordell led the 1976 excavation that identified Room 130 in Room Block 8. The room was first designated Room 123 but the room number was changed to 130. Documents and collections in the Maxwell Museum refer to both room numbers; in this chapter I present information according to the room number applied as records were created. Figure 7.1 provides an overview of the work in Room Block 8. Figure 7.2 shows Room 130.

“Room 123”

1976 Excavation

Three student notebooks (Cat. Nos. 79.84.225, .230, and .233) describe work in the room while it was designated Room 123, on three days between June 17 through July 2. None of the field forms in the Maxwell Museum Archives refers to the room as Room 123.

Observations from Notebooks

Room 123 was identified when the students found the room’s first floor (4A) in grid unit 320N/320E (Cat. No. 79.84.230). A diagram in the notebook, drawn on the same day, shows the room number as 130. The room number is in red, suggesting that it was added after the fact.

A diagram (Cat. No. 79.84.225) shows two walls around the caliche first floor (4A) (Cat. No. 79.84.225).

On the last day of excavation, the room was designated Room 130 (Cat. No. 79.84.233).

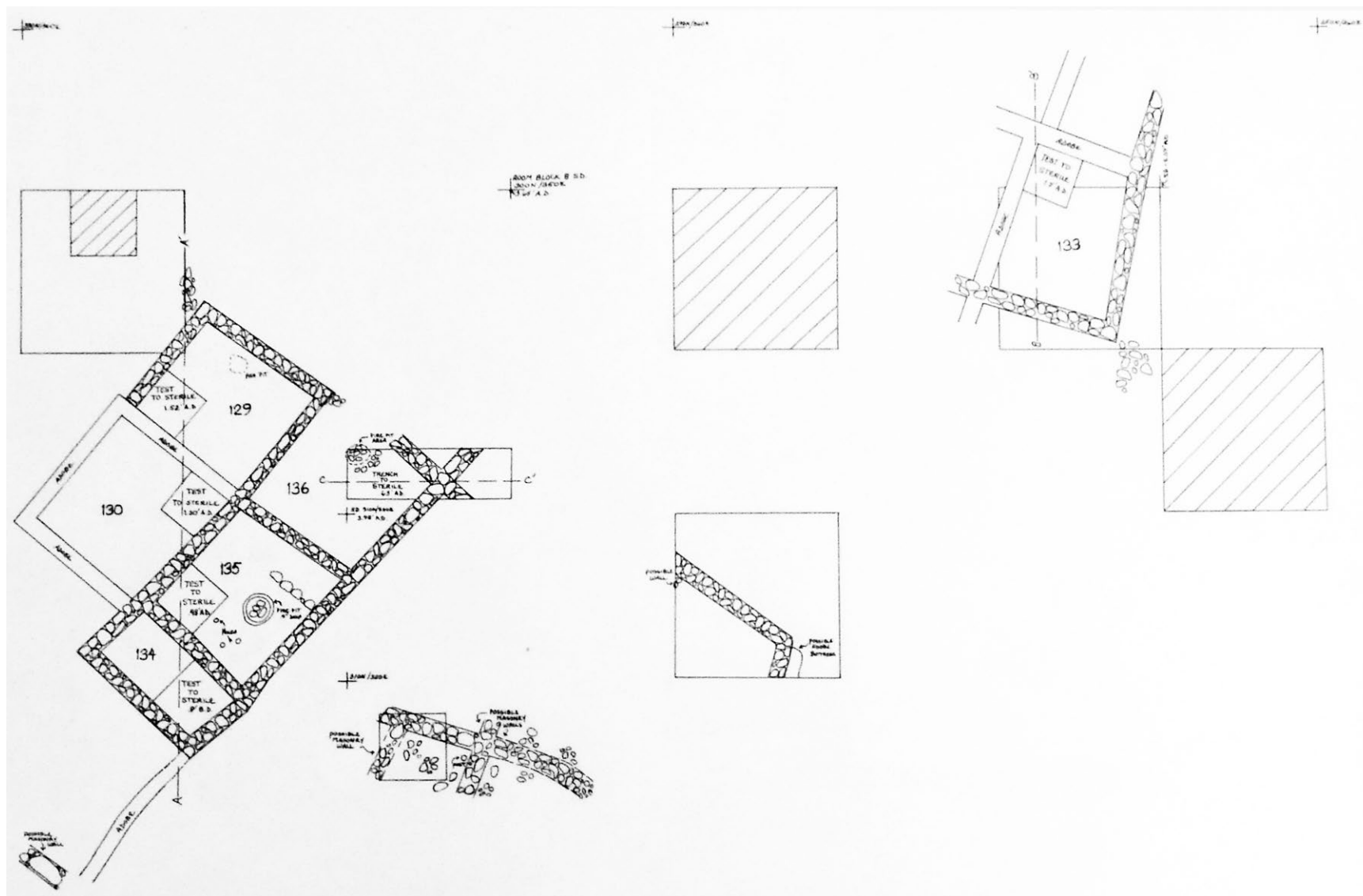
Summary of Excavation by Level

One level was defined. According to a notebook (Cat. No. 79.84.233), the first floor (4A) was made of caliche. The matrix was a mix of brown soil, adobe, caliche, rocks, charcoal, and “chalk.”

Artifacts, Photographs, and Maps in the Collections

Exposure of the first floor (4A) yielded sherds, stone artifacts, a bone awl, unworked bone, and eggshells.

The Maxwell Museum Archives include two photographs of the room while it was designated Room 123 (Table A.1). Figure 7.3 shows the room’s first floor (4A).



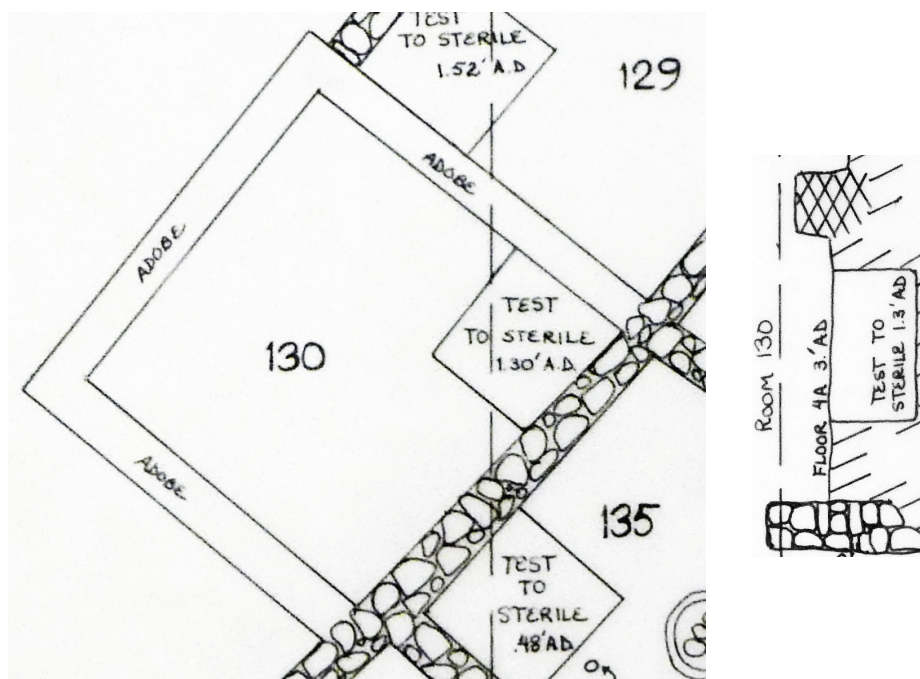


Figure 7.2. Plan and profile of Room 130. Source: Cat. No. 2005.25.15180.



Figure 7.3. “Room 123,” first floor (4A). Source: Cat. No. 80.33.649A.

On two maps created in 1975 (Cat. No. 79.84.246) and 1976 (Cat No. 80.33.752), the number “123” is written in the corner of Room 43. However, Room 43 is in Room Block 1 and I do not know what “123” means on those maps. In Table A.9, I indicated that Room 123 was not a room.

Room 130

1976 Excavation

Six student notebooks (Cat. Nos. 79.84.205, .206, .212, .225, .230, and .233) describe work in Room 130 (under that designation) from June 18 through July 21.

Data from Field Forms (Cat. No. 93.16.1)

Room Data Sheet. The sub-datum for Room 130 was at 330N/330E, at 4.02 feet AD (above datum).

Room 130 was used for habitation. Room fill consisted of brown soil, hard adobe, and cobble footings. The lowest (only) floor was found. Excavation continued to sterile. Table 7.1 provides wall details.¹

Table 7.1. Room 130, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	9.1	0.8	0.8	Adobe
East	9.2	1.15	0.85	Adobe
South	9.4	2.1	0.75	Masonry
West	8.15	0.3	0.85	Adobe

Depths of the room corners were recorded as 4 feet AD (northeast), 3.58 feet AD (southeast), 3.87 feet AD (southwest), and 3.38 feet AD (northwest).

Feature Forms. A form was completed for a floor feature located at 3.2 feet AD, 2 feet from the room’s southeast corner and 0.8 foot from the east wall. The feature measured 2.9 by 0.9 feet by 0.3 foot deep. The feature fill consisted of hard-packed adobe topped by two rocks. A semi-circular gray coping suggested that the feature was a possible fire pit, but there were no ashes or other evidence that the feature was used to hold a fire.

¹ The shortest wall listed in Table 7.1 is the west wall, while the shortest one shown in Figure 7.2 is the southwest wall. Given this correspondence, the north wall probably equates to the northwest wall, the east wall to the northeast wall, and the south wall to the southeast wall. This is the sort of discrepancy that the author resolved during her usual revisions of edited drafts. —*Series Editor*

A form was completed for an adobe wall found at 4.02 feet AD, 0.9 foot below the surface, at 323–329.5N/324.5–330E. The wall was 7.9 feet long, 0.9 foot thick, and 0.3 foot high. The surrounding fill was adobe.

A form was completed for an adobe floor found at grid location 320–328.4N/327.5–330E, at 2.9 feet AD. The floor measured 9.5 by 7.9 feet.

Observations from Notebooks

One notebook (Cat. No. 79.84.230) explains that Room 130 was initially designated as Room 123 during the first half of the excavation effort. At the time the sub-datum used by the students was at 320N/330E, at 4.42 feet AD. Once the room was designated Room 130, the excavation proceeded using a sub-datum at 330N/330E, at 4.02 feet AD. This appears to explain why depth values in the field forms and student notebooks for Room 130 use both 4.42 and 4.02 feet AD as the vertical reference values for their work.

Room 130 was northwest of Room 129. The room fill was brown soil, hard adobe, and abundant roof fall and charcoal (Cat. No. 79.84.233).

Room 130, which was similar to Room 129, was diamond-shaped room with a corner pointed north (Cat. No. 79.84.225). The southwest wall was masonry (Cat. No. 79.84.206).

At the first floor (4A) the students started a 3 by 3 foot subfloor test, Test Pit 1 (T1), in the room's southeast corner (Cat. Nos. 79.84.225 and .230).

Summary of Excavation by Level

Table 7.2 summarizes the 1976 excavation of Room 130 (under that designation) by level.

Table 7.2. Room 130, 1976 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1B – 2 nd level surface	Located at 4.42–3.6 feet AD, matrix of brown soil and hard adobe.	Located at 4.02–3.6 feet AD, soil very hard, contained abundant “chalk” and charcoal (Cat. No. 79.84.225).
2A – 1 st level fill	Located at 3.6–3.2 feet AD, matrix of brown soil, hard adobe, abundant charcoal and “chalk.”	Abundant charcoal and ash (Cat. No. 79.84.230).
3A – 1 st level roof fall	Pockets of unscreened roof fall, combined with 4A.	
4A – 1 st floor	Located at 3 feet AD, 0.2 foot thick, made of adobe, slightly burned. Included an ash pit. Underlay a surface deposit of small stones (room data sheet). Located at 3.12–2.92 feet AD, floor coated with caliche, matrix	North side of room in very good condition, south side very eroded (Cat. No. 79.84.225). Matrix was roof fall, hard adobe, charcoal (Cat. No. 79.84.233).

Table 7.2. Room 130, 1976 Excavated Levels.

Level	From the Field Forms	From the Notebooks
	of brown soil, adobe, caliche, rocks, charcoal, and “chalk” (grid level record). Located at 2.9 feet AD, weathered and cracked (Feature Form). Located at 3.2–2.92 feet AD, matrix of burned adobe, hard-packed adobe and charcoal (grid level record).	
4A-T1 – 1 st floor in Test Pit 1		Located at 3.12–2.82 feet AD (Cat. No. 79.84.230). Matrix of crumbling hard adobe, small masonry footings (Cat. No. 79.84.233).
5A-T1 – 1 st level fill below 4A in Test Pit 1		Located at 2.82–2.32 feet AD (Cat. No. 79.84.230). Abundant ash, very soft soil, a few rocks, a small amount of charcoal (Cat. No. 79.84.225).
5A – 1 st level fill below 4A	Located at 2.32 feet AD, matrix of soft brown soil, ash, small amount of burned adobe, adobe.	Located at 2.82–2.32 feet AD (Cat. No. 79.84.233).
5B-T1 – 2 nd level fill below 4A in Test Pit 1	Located at 2.32–1.82 feet AD, matrix of soft, loose brown soil that changed to adobe at very bottom of level. Located below the masonry wall.	Included hard adobe (Cat. No. 79.84.225). Masonry wall ended at 1.91 feet AD (Cat. No. 79.84.233).
5C-T1 – 3 rd level fill below 4A in Test Pit 1	Located at 1.32 feet AD, matrix of brown soil, hard-packed adobe, clay that broke up into small pieces. Sterile.	Located at 1.82–1.32 feet AD, sterile except for a bone found near bottom of level (Cat. No. 79.84.230).

Published Comments

Room 130 was found along with Room 129 during excavation of a 3 by 10 foot trench (Simon, in Cordell 1977b:227).

Artifacts, Photographs, and Maps in the Collections

Table 7.3 summarizes the artifacts from Room 130 (under that designation) in the Maxwell Museum collections.

The Maxwell Museum Archives include one photograph of Room 130 (under that designation). Figure 7.4 shows the room’s first floor (4A).

Room 130 appears on a map (Cat. No. 2005.25.15180) created in 1976. The map provides a plan and a profile of the room (Table A.2).

Table 7.3. Room130, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Egg Shell	Artifacts/ Other*
1B	x	x			x
2A	x	x	x	x	x
4A		x	x		x
4A-T1	x	x	x		
5A-T1	x	x	x	x	
5B-T1	x	x	x		
5C-T1			x		
*Includes the following items: Level 1B: a chalcedony point and a shell bead. Level 2A: obsidian points. Level 4A: a mano fragment, a bone awl, a worked piece of antler, soil, and flotation material.					



Figure 7.4. Room 130, first floor (4A). Source: Cat. No. 80.33.690A.



Chapter 8

ROOM BLOCK 8, ROOMS 129 AND 133–136

In 1976, Rooms 129 and 133–135 were excavated and Room 136 was at least partly exposed. All were in Room Block 8; their locations in the room block are shown in Figure 7.1.

Room 129

1976 Excavation

Linda Cordell led the 1976 excavation that identified Room 129, shown in Figure 8.1. Three student notebooks (Cat. Nos. 79.84.212, .216, and .224) describe work in the room from July 2 through July 21.

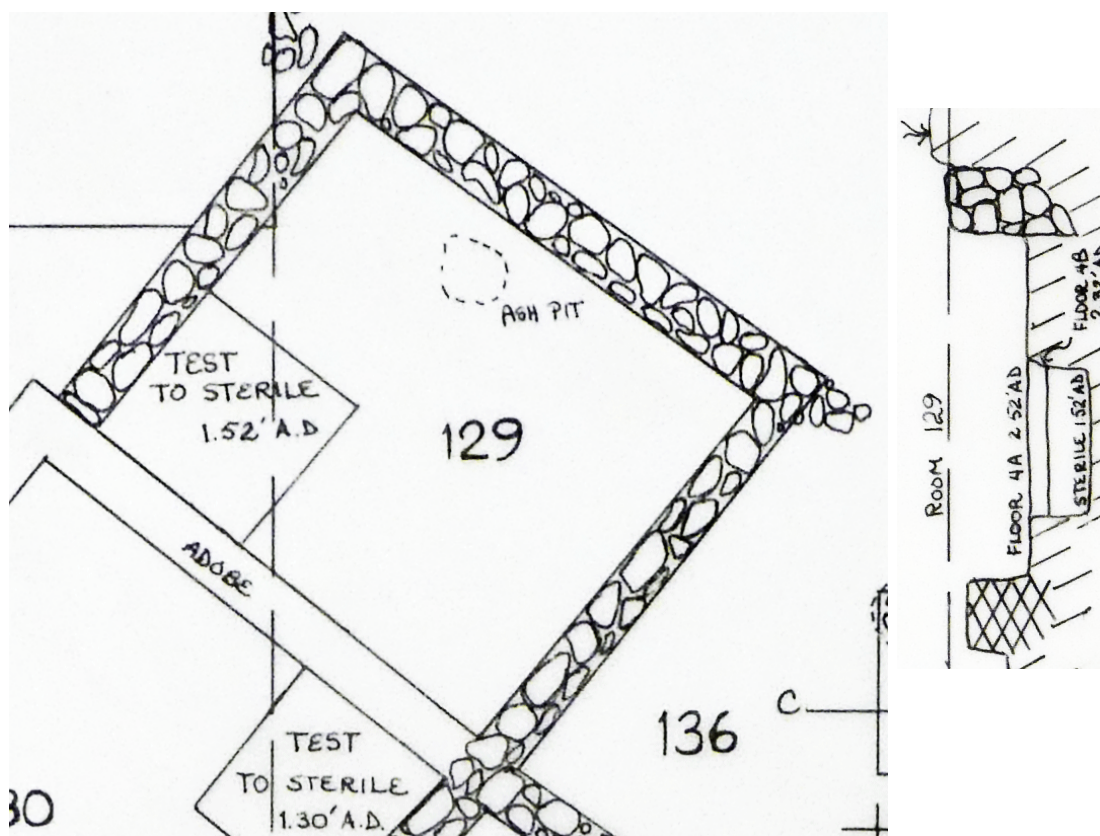


Figure 8.1. Plan and profile of Room 129. In the plan, North is to the left.
Source: Cat. No. 2005.25.15180.

Data from Field Forms (Cat. No. 93.16.1)

Room Data Sheet. The sub-datum for this room was at 310N/340E, at 4.18 feet AD.

Room 129 was a storage room. The room fill consisted of adobe wash and roof fall. The lowest floor was found and excavation continued to sterile, found at 1.52 feet AD.

Table 8.1 provides wall details.¹ A doorway in the southwest wall had been sealed.

Table 8.1. Room 129, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
Northwest	7.7	1.6	0.9	Masonry and adobe
Northeast	8.7	1.75	1	Masonry
Southeast	8.2	1.65	0.8	Masonry
Southwest	8.75	1.65	1	Adobe

Depths of the four corners of the room were recorded as 3.68 feet AD (north), 3.78 feet AD (east), 3.83 feet AD (south), and 3.98 ft AD (west).

Grid Level Records. At the first level of fill (2A), most of the wall fall from the northeast wall was outside the room.

Feature Forms. A “possible” floor (F1) was found at 2.96 feet AD. This feature measured 8.25 by 7.25 feet and was 0.1 to 0.2 foot thick. The associated fill was very hard-packed adobe wash, abundant ash, and charcoal.

The actual first floor (4A) was found at 2.52 feet AD. It had the same dimensions as the possible floor (8.25 by 7.25 feet) and was 0.1 foot thick.

A post hole (also F1) was found on the second floor (4B), at 2.68 feet AD (1.5 feet below the surface), 1.2 feet from the northwest wall and 4.5 feet from the northeast wall. The post hole measured 0.3 by 0.2 foot and was “gourd shaped.”

An ash lens (F2) was also associated with the second floor (4B). The ash lens was found at 2.58 feet AD, 2.3 feet from the northwest wall and 2.9 feet from the northeast wall. The lens measured 1.5 by 1.5 feet. The lens was resting on the floor, but the floor was not burned.

¹ In this chapter, I have modified the recorded orientations for walls and room corners to conform with the plan views. For Room 129, for example, the north wall in the records is now the northwest wall. If any of the room orientations become critical to future interpretations of the site, please check the information provided here against the original records. —Series Editor

Observations from Notebooks

Room 129 was in grid unit 310N/330E, and was angled such that one corner pointed north. The wall west of that corner was adobe; the one to the east of the corner was masonry (Cat. No. 79.84.224).

A doorway in the middle of the southwest wall was plugged with rough stones and adobe (Cat. Nos. 79.84.212 and .216).

A post hole, surrounded by hard adobe wash and an ash lens, was found in the room's south corner. The post hole was 2.2 feet from the southwest wall and 2.1 feet from the southeast wall (Cat. No. 79.84.212). This does not appear to be the post hole labeled F1 and associated with the second floor (4B).

The information on the depths of the first and second floors (4A, 4B) is inconsistent. The room data sheet indicates that the first floor (4A) was found at 1.56 feet BSD and that the second floor (4B) was found at 1.76 feet BSD. A grid level form, prepared at a later date, changes the floor depths to agree with those provided in two notebooks (Cat. Nos. 79.84.212 and .224). According to the notebooks:

- Initially a first floor (4A) was identified at 2.96 feet AD. This floor was associated with three ash pits and a stone slab. The matrix (floor fill?) was soft dirt with rodent burrows and soft adobe, possibly roof fall.
- The students changed the designation for the layer from first floor (4A) to first level of roof fall (3A). This happened as they dug below a stone slab next to the room's south wall and identified the actual first floor (4A). They also identified a second floor (4B), immediately below the actual first floor (4A).
- A test pit started in the north corner of the room was abandoned when the floors were found.

Summary of Excavation by Level

Table 8.2 summarizes the 1976 excavation of Room 129 by level.

Table 8.2. Room 129, 1976 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1B – 2 nd level surface	Located at 4.18–3.82 feet AD, matrix of adobe wash with charcoal flecks.	Levels combined so that 1B included former 1C (Cat. No. 79.84.216).
2A – 1 st level fill	Located at 3.82–3.32 feet AD, matrix of adobe wash, ash, and charcoal lenses.	
2B – 2 nd level fill		Cat. No. 79.84.216

Table 8.2. Room 129, 1976 Excavated Levels.

Level	From the Field Forms	From the Notebooks
3A – 1 st level roof fall	Located at 2.96 feet AD, matrix of adobe wash with charcoal and ash lenses.	Originally identified as 4A (Cat. No. 79.84.224).
4A – 1 st floor	Located at 1.56 feet BSD, 0.1 foot thick, made of adobe (room data sheet). Located at 2.52 feet AD, matrix of adobe wash, roof fall, charcoal, ash flecks (grid level record).	Gray hard-packed adobe floor, located at 2.52 feet AD (Cat. Nos. 79.84.212 and .224). Appeared to be remodeling of 4B (Cat. No. 79.84.216).
4B – 2 nd floor	Located at 1.76 feet BSD, 0.15 foot thick, made of adobe, with post hole (F1) and ash lens (F2) (room data sheet). Located directly below 4A at 2.52–2.32 feet AD, with F1 and F2 (grid level form).	Gray, hard-packed adobe floor, located at 2.5 feet AD (Cat. Nos. 79.84.212 and .224). Discontinuous (Cat. No. 79.84.212).
4B-T1 – 2 nd floor in Test Pit 1	Located at 2.32–2.02 feet AD, matrix of hard adobe and hard-packed earth.	3 by 3 feet, in room's north corner (Cat. No. 79.84.224).
6A-T1 – 1 st level fill below 4B in Test Pit 1	Located at 2.02–1.52 feet AD, matrix hard and clayey.	Encountered sterile (hard, clay-like) 0.5 foot below 4B, (Cat. No. 79.84.224). Sterile (Cat. No. 79.84.212).

Published Comments

Room 129 had crude masonry wall footings (Cordell 1977b:184).

The room was found along with Room 130 while excavating a 3 by 10 foot trench (Simon, in Cordell 1977b:227).

The two identified tan adobe floors were highly eroded, and were separated by 0.01–0.3 foot (Simon, in Cordell 1977b:228).

Artifacts, Photographs, and Maps in the Collections

Table 8.3 summarizes the artifacts from Room 129 in the Maxwell Museum collections.

The Maxwell Museum Archives include three photographs of Room 129 (Table A.1). Figure 8.2 shows the room's second floor.

Room 129 appears in both plan and profile on a map created in 1976 (Cat. No. 2005.25.15180; Table A.2).

Table 8.3. Room 129, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Flotation	Artifacts/ Other*
1B	x	x	x		
2A	x	x	x		x
3A	x	x	x	x	x
4A	x	x	x	x	x
4A-T1					x
4B	x	x	x		
4B-T1	x	x			

*Includes the following items:
 Level 2A: a polishing stone and a piece of worked shell.
 Level 3A: a bone awl and ash.
 Level 4A: a mano, a point, a chalcedony biface, soil, and pollen.
 Level 4A-T1: a hammerstone and a scraper.



Figure 8.2. Room 129, second floor (4B). Source: Cat. No. 80.33.695A.

Room 133

1976 Excavation

Linda Cordell led the 1976 excavation of Room 133, shown in Figure 8.3. Five student notebooks (Cat. Nos. 79.84.205, .212, .214, .230, and .235) describe work in the room from July 1 through July 12, with an additional brief mention of the room in one notebook on July 21.

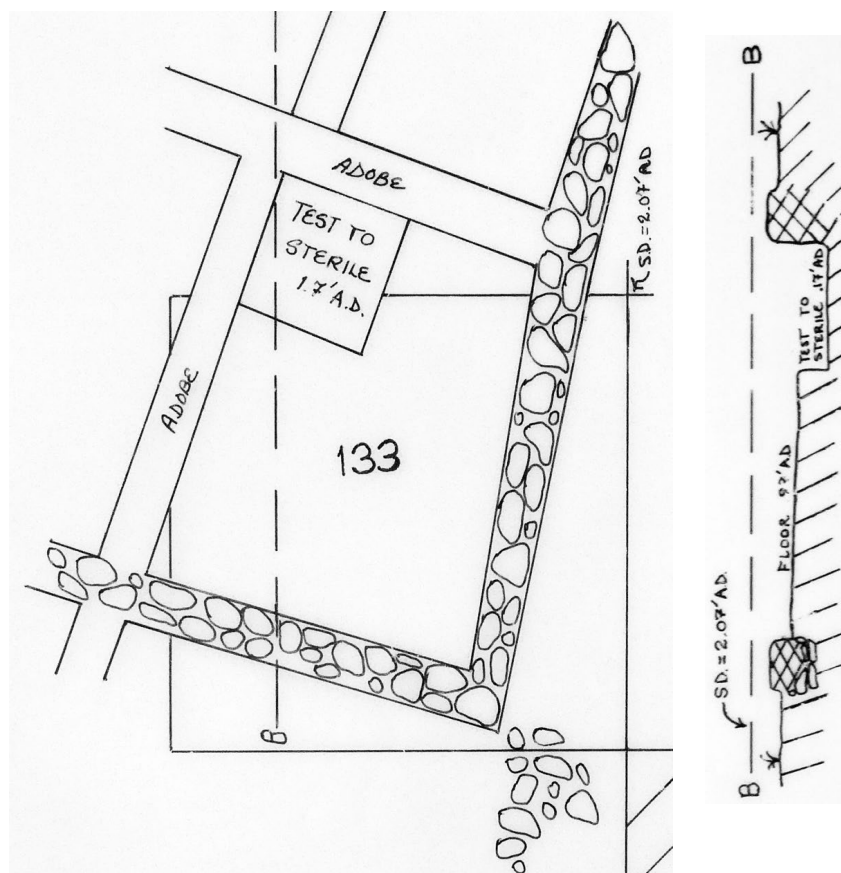


Figure 8.3. Plan and profile of Room 133. In the plan, north is to the left.
Source: Cat. No. 2005.25.15180.

Data from Field Forms (Cat. No. 93.16.1)

Room Data Sheet. The fill of Room 133 consisted of adobe wash, charcoal, and ash. A single adobe floor (4A) was found; excavation continued to sterile at 0.17 foot AD. Table 8.4 provides wall details.

Table 8.4. Room 133, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	10	1.4	0.9	Adobe
East	6.5	1.2	0.9	Adobe
South	10	0.15	0.7	Adobe and masonry
West	7.7	0.5	0.9	Adobe and masonry

Depths of the four room corners were recorded as 1.97 feet AD (northeast), 1.57 feet AD (southeast), 0.87 foot AD (southwest), and 1.57 feet AD (northwest).

A burial (B1) found in Test Pit 1 (T1) was associated with the floor (4A).

Grid Level Records. The east wall, part of the north wall, and the northeast corner of the room were visible at grid location 270N/350E, in the first surface level (1A).

Test Pit 1 (T1) was in the grid unit's northeast corner; part of the room's east wall lay within the test pit. A fragment from a human infant's skull was found in T1's northeast corner, outside the room. (If this last piece of information is correct, it is not clear why the students associated the skull fragment with the first floor.)

Feature Forms. The first floor (4A) had an average depth of 1.1 feet BSD and measured about 10 by 4.7 feet.

Burial Forms. Burial (B1) was found in the northeast corner of Test Pit 1 (T1). The burial was found at grid location 267.8N/351.4E, at 1.1 feet BSD, and was associated with the first floor's (4A) subfloor. The burial was disturbed. The fill immediately around the burial included adobe and brown soft soil. The surrounding fill consisted of packed brown soil.

The sub-datum for Room 133 was at 260N/350E, at 2.07 feet AD.

Observations from Notebooks

The room was identified in grid unit 260N/340E (Cat. No. 79.84.235).

At the first floor (4A) level, walls appeared to continue beyond the room's adobe northwest corner (Cat. No. 79.84.205). The same notebook indicates that sherds in the room contained a large proportion of mica temper, unlike sherds in the rest of the rooms in the room block.

Test Pit 1 (T1) was excavated in the room's northeast corner. An infant burial (B1) was found at the first floor (4A) level and identified as B48. A piece of the cranium was embedded in the room's north wall and a few adult bones were found in the east wall (Cat. Nos. 79.84.205 and .214). A diagram (in Cat. No. 79.84.205) indicates that the burial included a skull fragment, a long bone, ribs, a possible arm bone, and some highly decomposed bones. Another notebook (Cat. No. 79.84.235) adds that the occipital portion of the skull was "somewhat intact," that four

rib fragments was found, that an adult rib fragment was found very close to the room's northeast corner, and that near the burial (B1) were segments of a subfloor that may have sunk when the burial was made beneath the floor.

Summary of Excavation by Levels

Table 8.5 summarizes the 1976 excavation of Room 133 by level.

Table 8.5. Room 133, 1976 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1A – 1 st level surface		Located at 2.07–1.77 feet AD, matrix of loose brown soil with rocks over adobe chunks, wash, charcoal. Room's northeast corner visible (Cat. No. 79.84.205).
2A – 1 st level fill		Matrix of adobe wash, brown silt (Cat. No. 79.84.235).
4A-T1 – 1 st floor in Test Pit 1	Located at 0.97–0.67 foot AD.	
4A – 1 st floor	Located at 1.22–0.97 feet AD, quality of floor was variable.	Matrix of adobe wash with brown silt (Cat. No. 79.84.214). Found orange-red burned adobe roof fall (Cat. No. 79.84.205).
5A-T1 – 1 st level fill below 4A in Test Pit 1		Encountered sterile at 0.67–0.17 foot AD (Cat. No. 79.84.235).

Published Comments

In 1976 a trench was dug along existing walls of other rooms in the room block, revealing Room 133. The crew thought that Room Block 8 may have included as many as 12 rooms (including Rooms 129, 130, and 134–136 in the north part of the mound; Room 133; and unidentified rooms in the south part of the mound) (Simon, in Cordell 1977b:227). (However, the field records do not identify any rooms other than Rooms 129, 130, and 133–136).

Room 133 may have been used for storage. The first floor (4A) was pink to gray to white adobe along the north edge of the room, without any features (Simon, in Cordell 1977b:229).

Burial B48 was either fetal or newborn (Weaver, in Cordell 1977b:208, Simon, in Cordell 1977b:229).

Artifacts, Photographs, and Maps in the Collections

Table 8.6 summarizes the artifacts from Room 133 in the Maxwell Museum collections.

Table 8.6. Room 133, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Soil	Artifacts/ Other*
4A	x	x		x	x
4A-T1	x	x	x		
4A-B1					x
4A-T1-B1	x			x	
*Includes the following items: Level 4A: a cloudblower, sandstone shaft smoothers, a metate fragment, and flotation material. Level 4A-B1: pollen.					

Figure 8.4, showing the first floor (4A), is the only photograph of Room 133 in the Maxwell Museum archives.



Figure 8.4. Room 133, first floor (4A). Source: Cat. No. 80.33.694A.

Room 133 appears in both plan and profile on a 1976 map (Cat. No. 2005.25.15180; Table A.2).

Room 134

1976 Excavation

Linda Cordell led the 1976 excavation that identified Room 134, shown in Figure 8.5. Eight student notebooks (Cat. Nos. 79.84.205–.207, .212, .216, .227, .230, .233) describe their work in the room from July 6 through July 21.

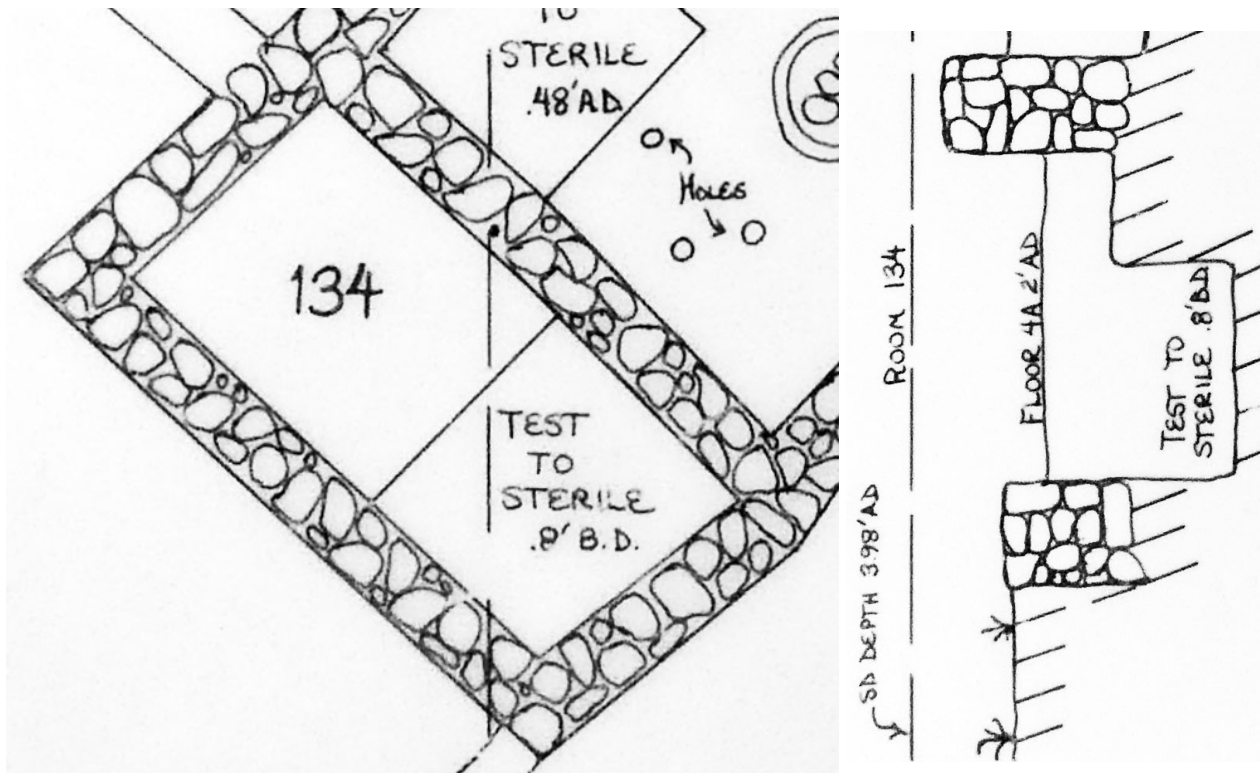


Figure 8.5. Plan and profile of Room 134. Source: Cat. No. 2005.25.15180.

Data from Field Forms (Cat. No. 93.16.1)

Room Data Sheet. The sub-datum for this room was at 319.7N/322.9E, at 3.9 feet BD.

Room 134 was used for making pottery, based on evidence of raw material storage and manufacturing. The room fill was adobe in the south end of the room and loose brown soil in the north end. The lowest (only) floor was found and excavation continued to sterile.

The first floor (4A) was found only at the southwest end of the room, extending north about 2.5 feet.

Two burials were found. Burial 1 (B1) was in the second level of fill below the first floor (5B), 1 foot below the first floor (4A). Burial 2 (B2) was in the second level of fill below the first floor (5B) in Test Pit 1 (T1), 1.5 feet below the first floor (4A).

Table 8.7 provides wall details.

Table 8.7. Room 134, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	4.8	1.8	0.9	Masonry
East	8.4	1.5	0.7	Masonry
South	4.0	1.4	0.9	Masonry
West	8.2	1.5	0.8	Masonry

Depths of the four room corners were recorded as 0.15 foot BSD (northeast), 0.95 foot BSD (southeast), 1.2 feet BSD (southwest), and 0.4 foot BSD (northwest).

Grid Level Records. Room 134 was categorized as a storage unit at the first level of fill (2A).

The first level of fill below the first floor (5A) was adobe and clay and included multiple pockets of ash. Indications of pottery making seemed to continue into the second level of fill below the first floor (5B).

Feature Forms. The first floor (4A) measured 2 by 2 feet and was 0.08–0.1 foot thick. This patch of floor was in the room’s southeast corner, near grid location 320N/320E.

A paper-thin ash lens (F1) was found at 1.9 feet AD (1.2 feet below the surface), 1.2 feet from the west wall and 1.0 foot from the south wall. The ash lens measured 1.6 by 1.4 feet.

Burial Forms. Burial 1 (B1) included an infant skull found at grid location 318.5N/318E, at 2.55 feet BSD (0.5 foot below the first floor [4A]). The interment fill was clay; the surrounding fill was clay and loose brown soil. The bones were brittle, fragmentary, and disarticulated.

Burial 2 (B2) included an adult skull found at grid location 319N/320.5E, at 3.9 feet BSD. B2 was associated with the third and fourth levels of fill below the first floor (5C, 5D). The head of the burial was oriented to the east. This burial included two pieces of pottery: a plainware sherd completely covered the face, and a redware sherd lay in front of the chest. B2 was found 0.5 foot below B1 and 1.5 feet below the first floor.

Observations from Notebooks

At first, the sub-datum for the room was at 320N/320E, at 3.4 feet AD. A few days later, the sub-datum was changed to 319.3N/322.9E, at 3.9 feet AD (Cat. No. 79.84.207).

The infant burial (B1) was identified as fetal. It included skull fragments, teeth (canine, incisor, primary molar), vertebrae, and a rib (Cat. Nos. 79.84.206 and .227).

A notebook (Cat. No. 79.84.206) states that the second burial (B2) was found in the third level of fill below the first floor (5C) in Test Pit 1 (T1), at 0.5 foot AD. It was an adult female in a flexed position on its right side, with an innominate missing the hyoid and coccyx. B2 was aligned east-west and was in good condition. The ends of the long bones were crumbly. B2 was underlain by red clay.

Test Pit 1 (T1) measured 3 by 3 feet and was placed in the south end of the room (Cat. No. 79.84.307).

Summary of Excavation by Level

Depth designations in Room 134 are confusing. The room data sheet lists the sub-datum for the room as being at 319.7N/322.9E, at 3.9 feet, without stating whether this measurement was above datum (AD) or below datum (BD). The notebooks provide a variety of depths with both AD and BSD designations (Table 8.8). One notebook (Cat. No. 79.84.206) lists the first floor (4A) as being located at 2.4 to 1.9 feet AD, 1.5–2.0 feet BSD, with the sub-datum being 3.9 feet AD and the “new” sub-datum rebar placed at 319.3N/322.9E. The notebook goes on to explain that the sub-datum was moved to allow readings within a trench, since a rock wall stood between the original sub-datum and the trench.

Table 8.8. Room 134, 1976 Excavated Levels.

Level	From the Field Forms	From the Notebooks
XA – disturbed surface	Located at 3.0 feet AD, matrix of soft, brown, silty soil. Four walls were visible.	Located at 3.4–3.0 feet AD, 0–0.4 foot BSD (Cat. No. 79.84.206). Cleared to a “uniform level” of 3.0 feet AD (Cat. No. 79.84.207).
2A – 1 st level fill	Located at 3.0–2.5 feet AD, matrix of mixed adobe, soft brown soil. Evidence of rodents. Matrix in east part of room was soft brown soil, in west part it was mixed adobe and soft soil.	Located at 3.0–2.5 feet AD, 0.4–0.9 foot BSD (Cat. No. 79.84.206).
4A – 1 st floor	Located at 2.0 feet AD/1.9 feet BSD, matrix of adobe and soft brown loose soil.	Located at 2.4–1.9 feet AD (Cat. No. 79.84.207). In west end of room, at 1.9 feet BSD, small area of hard white adobe surrounded by hard gray adobe (Cat. No. 79.84.206). A patch of floor was found in the room’s southeast corner (Cat. No. 79.84.227).

Table 8.8. Room 134, 1976 Excavated Levels.

Level	From the Field Forms	From the Notebooks
5A – 1 st level fill below 4A	Located at 2–1.5 feet AD, matrix of clay, adobe, soft soil, abundant ash.	Included a lens of very fine ash under the patch of floor, with clay (some moist) areas close to bottom of level and wedged clay (Cat. Nos. 79.84.207, .227).
5B – 2 nd level fill below 4A	Located at 1.50–1.0 feet AD, matrix of red clay, mostly sterile.	Located at 2.4–2.9 feet BSD (Cat. No. 79.84.227). Clay patch extended about 1 foot from the northeast corner into the room, over a deposit of dark red clay/adobe over sterile clay (Cat. No. 79.84.206).
5C – 3 rd level fill below 4A		Located at 1.0–0.5 feet AD, 2.9–3.4 feet BSD (Cat. No. 79.84.206).
5C-T1 – 3 rd level fill below 4A in Test Pit 1	Located at 0.7–0.2 foot AD, matrix of clay that appeared to be sterile.	
5D-T1- 4 th level fill below 4A in Test Pit 1		Portions of B2 identified (Cat. No. 79.84.206). Located at 0.2-0.3 foot BD (Cat. No. 79.84.227). Matrix of moist red clay except for interment fill (Cat. No. 79.84.206).
5E-T1 – 5 th level fill below 4A in Test Pit 1		Located at 0.3-0.8 foot BD, sterile except for 1 sherd in upper most part of layer (Cat. Nos. 79.84.227, .230).

Published Comments

Room 134 was found during excavation of 4 by 4 foot test pits (Simon, in Cordell 1977b:227).

Cordell (1977b:200) described the walls of Room 134 as adobe, with crude masonry footings; Simon (in Cordell 1977b:230) described them as masonry. Figure 8.5 indicates that Simon's description is correct. A non-cutting date of AD 1313vv was obtained from wood associated with the first floor (4A) (Cordell 1977b:184).

The room was small (3.5 by 9 feet). At one time it may have been divided in half by a line of stones spanning the room's shorter axis. It had a gray adobe floor covering the area south of the stone line. The room may have been a pottery production area, as it contained unfired and fired clumps of clay, a small piece of unattached red slip, polishing stones, and a piece of raw gypsum "temper" (Simon, in Cordell 1977b:230).

Burial 1 (B1) was an infant of less than 6 months (its lab number was B50).

The published reports on Burial 2 (B2) are inconsistent. Weaver (in Cordell 1977b:209) identified it as a 40 year old male (lab number B51). Simon (in Cordell 1977b:230) identified it as a female, as did a student notebook (Cat. No. 79.84.206). My review of the Maxwell

Museum's osteology records located a general skeletal inventory form for the burial that reports it to be male.

Artifacts, Photographs, and Maps in the Collections

Table 8.9 summarizes the artifacts from Room 134 in the Maxwell Museum collections.

Table 8.9. Room 134, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Soil	Pollen	Artifacts/ Other*
XA	x	x	x			x
2A	x	x	x			x
2A-F2**	x		x			
4A	x	x			x	x
5A	x	x	x			x
5B	x	x	x	x		x
5B-B1				x	x	
5C-B2				x	x	x
5C-B2-T1	x		x	x		x
5D-T1	x	x				
5E-T1	x					
<p>*Includes the following items: Level XA: a mano fragment and painted wood. Level 2A: a point. Level 4A: eggshell and maize. Level 5A: clay, tempering material (including gypsum), a hammerstone, a scraper, and limestone polishing stones. Level 5B: ceramic balls. Level 5B-B2: a worked sherd. Level 5C-B2-T1: a core and "a covering of the skull." **Although there is no mention of a second feature (F2) in the field forms or notebooks, two artifact bags in the collections are clearly marked as coming from feature F2.</p>						

The Maxwell Museum Archives include six photographs of Room 134 (Table A.1), including four of burial B2. Figure 8.6 shows the room's first floor (4A).

Room 134 appears on a 1976 map (Cat. No. 2005.25.15180) that provides both a plan view and a profile (Table A.2).



Figure 8.6. Room 134, first Floor (4A). Source: Cat. No. 80.33.699A.

Room 135

1976 Excavation

Linda Cordell led the 1976 excavation that identified Room 135, shown in Figure 8.7. Eight student notebooks (Cat. Nos. 79.84.205, .206, .207, .212, .225, .227, .230, and .233) describe their work in the room from July 15 through July 22.

Data from Field Forms (Cat. No. 93.16.1)

Room Data Sheet. The sub-datum for this room was at 310N/330E, at 3.98 feet AD.

Room 135 was possibly used for ceremonial purposes. The room fill consisted of hard-packed adobe with signs of a burned and fallen roof. The lowest floor was found and excavation continued to sterile, which was encountered at 0.48 foot AD.

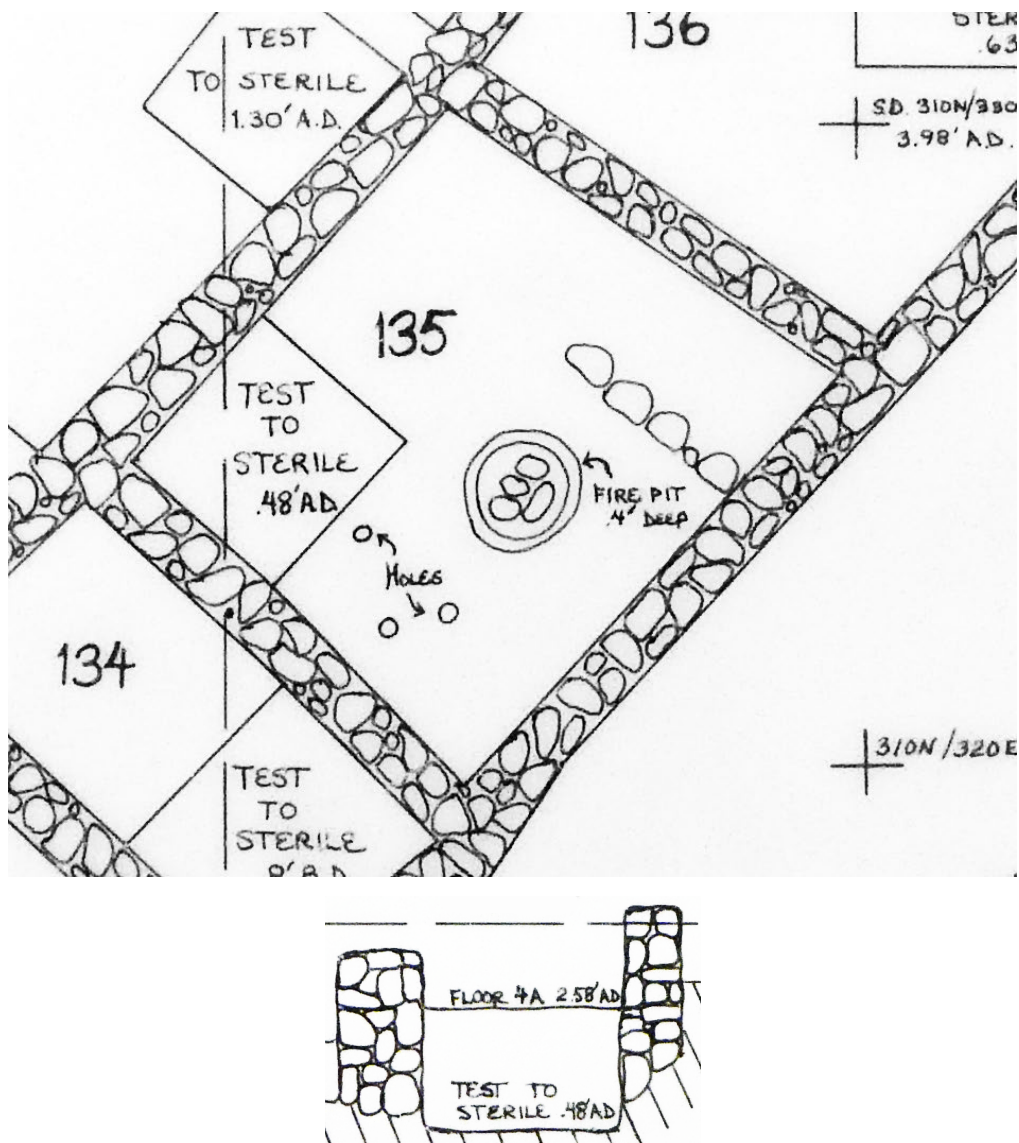


Figure 8.7. Plan and profile of Room 135. In the plan, North is to the left. Left to right in the profile corresponds to West to East in the plan. Source: Cat. No. 2005.25.15180.

Table 8.10 provides wall details. Depths of the four room corners were recorded as 0.2 foot BSD (northeast), 0.6 foot BSD (southeast), 1.35 feet BSD (southwest), and 0.5 foot BSD (northwest).

Grid Level Records. The first floor (4A) was made of gray adobe. The measurements on the grid level form differ than those in Table 8.10. The north edge of the floor was listed as 7.7 feet long, the east as 7 feet long, the south as 8.5 feet long, and the west as 7.1 feet long.

The first floor (4A) was associated with five features; an ash/fire pit (F1), a masonry deflector (F2), ladder holes (F3 to the north, F4 to the south), and an adobe-lined hole found under the first floor (F5).

Table 8.10. Room 135, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	8.6	1.7	0.95	Masonry
East	8.3	1.4	0.7	Masonry
South	9.6	0.9	1.3	Masonry
West	8.7	1.8	1.0	Masonry

Feature Forms. Five features (F1–F5) were associated with each other and the first floor (4A). Table 8.11 provides feature details.

Table 8.11. Room 135, Floor 1, Features.

Feature	From the Field Forms	From the Notebooks
F1 – ash/fire pit	Adobe bottom of the slab-lined pit was located at 2.13 feet BD/1.85 feet BSD. The top of the adobe coping was located at 2.53 feet BD/1.45 feet BSD. Pit was located 2.5 feet north of the room's south wall and 5.2 feet west of the east wall. It and measured 1.6 feet across for the inside diameter, 0.5 foot deep, with 0.3 foot thick walls, and was filled with ash, burned adobe, and charcoal.	Located just southwest of the room's center (Cat. No. 79.84.227). Adobe coping measured 3 by 3 feet (measured from outside of coping), width of coping 0.25–0.3 foot. Was east of the room's center (Cat. No. 79.84.206).
F2 – line of stones	Possible wall deflector (or room divider), located at 2.38 feet AD/1.6 feet BSD. Jutted out from the south wall, 3 feet west of the east wall. Measured 4 by 0.6 feet by 0.8 foot deep and was filled with mixed adobe and loose soil.	Possible deflector utilizing two upright slabs and located just southeast of F1 (Cat. No. 79.84.227). Line of 3 large slabs with 2 layers of smaller rocks on top, located about 2 feet from F1 (Cat. No. 79.84.206).
F3 – adobe lined north ladder hole in 1 st floor (4A)	Located at 2.13 feet AD, 2 feet from the west wall, 2.3 feet from the north wall, 4 feet from the south wall. Measured 0.25 by 0.4 foot by 0.3 foot deep. Slanted toward the west below 4A. Filled with soft brown dust.	Located 2 feet from F4 and northwest of F1 (Cat. No. 79.84.227).
F4 – adobe lined south ladder hole in 1 st floor (4A)	Located at 1.8 feet AD/2.1 feet BSD, 2 feet from the west wall, 3.9 feet from the north wall, 2 feet from the south wall. Slanted to the north. Measured 0.3 by 0.5 foot by 0.58 foot deep. Filled with soft brown dust.	Located 2 feet from F3 and northwest of F1 (Cat. No. 79.84.227). Lining same as for F3 (Cat. No. 79.84.206).

Table 8.11. Room 135, Floor 1, Features.

Feature	From the Field Forms	From the Notebooks
F5 – adobe lined hole in the 1 st floor (4A) surface	Located at 2.18 feet AD/1.8 feet BSD, 0.7 foot from the room's west wall, 2.4 feet from the north wall. Measured 0.25 by 0.22 foot by 0.25 foot deep. Filled with soft brown dust.	Located northwest of F1 (Cat. No. 79.84.227). Same angle, fill, lining as F4 (Cat. No. 79.84.206).

Observations from Notebooks

The room was in grid unit 310N/320E. It was diamond-shaped with corners to the north, south, east and west (Cat. No. 79.84.227).

One notebook (Cat. No. 79.84.227) places Test Pit 1 (T1) in the room's north corner.

A diagram (in Cat. No. 79.84.212) shows two masonry walls that formed a rectangular enclosure with the room's south corner (Cat. No. 79.84.212).

The room was slightly higher in the north than in the south (Cat. No. 79.84.206).

Summary of Excavation by Level

Table 8.12 summarizes the 1976 excavation of Room 135 by level.

Table 8.12. Room 135, 1976 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1A – 1 st level surface	Located at 3.68 feet AD, matrix of surface dust and soil; all 4 walls were visible. Located at 3.98–3.48 feet AD, matrix of soft brown topsoil over adobe slump.	Located at 3.98–3.48 feet AD/0-0.5 foot BSD, bottom of level was adobe wash typical of top levels of other rooms in this block, south wall curved slightly (Cat. No. 79.84.206).
2A – 1 st level fill	Located at 3.48–2.98 feet AD, matrix of mixed soft brown sandy, silty soil and adobe slump. Rebar near north wall on east side of room.	Located at 0.5-1.0 foot BSD, lots of wall fall (Cat. No. 79.84.206). Rebar inserted at grid position 319.3N/322.9E inside the room (Cat. No. 79.84.227).
3A – 1 st level roof fall	Located at 3.48–2.98 feet AD, matrix of adobe slump.	Floor in one small area 0.02 foot below level depth, along the northwest wall (Cat. No. 79.84.227), matrix of adobe slump, roof fall in large clumps (Cat. No. 79.84.207).
4A – 1 st floor	Located at 1.6 feet BSD/2.38 feet AD, 0.18 foot thick, made of adobe with a fire pit (F1), matrix of adobe slump	Very smooth in north corner but became pitted and corroded as excavation moved southeast; made of

Table 8.12. Room 135, 1976 Excavated Levels.

Level	From the Field Forms	From the Notebooks
	and roof fall.	caliche; in matrix of adobe wash and hard brown soil (Cat. No. 79.84.225). Floor 0.05–0.08 foot thick (Cat. No. 79.84.227). Adobe floor, hard, gray-white surface (Cat. No. 79.84.206).
4A-T1 – 1 st floor in Test Pit 1	In room’s northwest corner	
4B-T1 – 2 nd floor in Test Pit 1	Located at 2.28–2.18 feet AD in adobe matrix. Adobe floor, about 0.2 foot thick	Located at 1.68–1.88 feet BSD with no fill between the 1 st and 2 nd floors (4A and 4B) (Cat. No. 79.84.206).
4B – 2 nd floor	Located at 1.5 feet BSD/2.28 feet AD, 0.1 foot thick, made of adobe.	
6A-T1 – 1 st level fill below 4B in Test Pit 1	Located at 2.15–1.68 feet AD, matrix of adobe with charcoal flecks.	Located at 1.88–2.38 feet BSD (Cat. No. 79.84.206).
6B-T1 – 2 nd level fill below 4B in Test Pit 1	Located at 1.68–1.18 feet AD, matrix of adobe, charcoal, ash.	Not sterile (Cat. Nos. 79.84.205, .230). Located at 2.38–2.88 feet BSD (Cat. No. 79.84.206). Matrix of hard dry clay (Cat. No. 79.84.227).
6C-T1 – 3 rd level fill below 4B in Test Pit 1	Located at 1.18–0.68 feet AD, matrix of hard-packed brown-orange clay with caliche.	Located at 2.88–3.38 feet BSD, harder toward bottom of level; overlain by brown soil mixed with a small amount of adobe (Cat. No. 79.84.206).
6D-T1 – 4 th level fill below 4B in Test Pit 1	Located at 0.68–0.48 foot AD, matrix of brown-orange clay with caliche, hard-packed, broke into small “beads,” sterile.	Located at 3.38–3.88 feet BSD, found sterile clay at level of 0.2 foot deep (Cat. No. 79.84.206). Matrix of purple crumbly clay (Cat. No. 79.84.227).

Published Comments

A non-cutting date of 1351vv was obtained from the first level of fill below the second floor (6A) in Test Pit 1 (T1). A cutting tree ring date of AD 1305 was obtained from wood from an isolated wall and corner segment exposed south of the room (Cordell 1977b:184, 200).

Simon (in Cordell 1977b:230-231) provided descriptions of “atypical” floor features which at times are inconsistent with those in Table 8.11:

- A circular ash/fire pit in the center of the southern half of Room 135 measured 1.5 feet in diameter, was surrounded with an adobe coping, and was lined with stone slabs.
- A 4 foot long segment of masonry (possibly a room divider), with adobe mortar, was found southeast of the ash/fire pit. The wall segment paralleled the room’s southeast wall and connected with the southwest wall at a right angle.

- Three small circular holes were found northwest of the ash/fire pit. They measured 0.2 to 0.5 foot in diameter, and were at oblique angles to the floor but not post holes.
- A cluster of sandstone slabs in the room's west corner possibly served as a series of bases for a roof or wall support post.
- A second floor (4B), of gray adobe, was found in a test pit in the room's north corner. Its proximity to the first floor (4A) suggests a remodeling episode. Below the second floor, in the second level of fill in Test Pit 1 (6B-T1), were two distinct ash lenses.

Artifacts, Photographs, and Maps in the Collections

Table 8.13 summarizes the artifacts from Room 135 in the Maxwell Museum collections.

Table 135.4. Room 135, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Artifacts/ Other*
1A	x	x	x	x
2A	x	x	x	x
3A	x	x	x	x
3A-F2				x
4A	x	x	x	x
4A-F1	x	x	x	x
4A-F2	x	x	x	
4A-T1	x	x		
4B-T1	x		x	
6A-T1	x	x	x	
6B-T1	x	x		
6C-T1	x			
*Includes the following items: Level 1A: a chalcedony point. Level 2A: quartzite hammerstones, a stone bead blank, bone awls, a bone bead, a shell, and soil. Level 3A: points (including obsidian and chalcedony), and eggshell. Level 3A-F2: rim sherds. Level 4A: points and flotation material. Level 4A-F1: seeds, maize, adobe, and pollen.				

The Maxwell Museum Archives include two photographs of Room 135 (Table A.1). Figure 8.8 shows the room's first floor, the ash/fire pit (F1), and the line of stones (F2).



Figure 8.8. Room 135, first floor (4A), showing Features 1 and 2. Source: Cat. No. 80.33.716A.

Room 135 appears on a 1976 map (Cat. No. 2005.25.15180) that provides both a plan and a profile (Table A.2).

Room 136

1976 Excavation

Linda Cordell led the 1976 excavation that identified this room, shown in Figure 8.9. Three student notebooks (Cat. Nos. 79.84.205, .212, and .233) describe work in the room on July 20 and 21. No field forms were found for Room 136.

Observations from Notebooks

One notebook (Cat. No. 79.84.233) states that Room 136 was not excavated.

A diagram (in Cat. No. 79.84.205) shows a fire pit near the room's east wall. A diagram in a different notebook shows the room as having four masonry walls, a fire pit near the room's southeast wall, and two burials in the grid unit directly south of the east half of the room (Cat. No. 79.84.212).

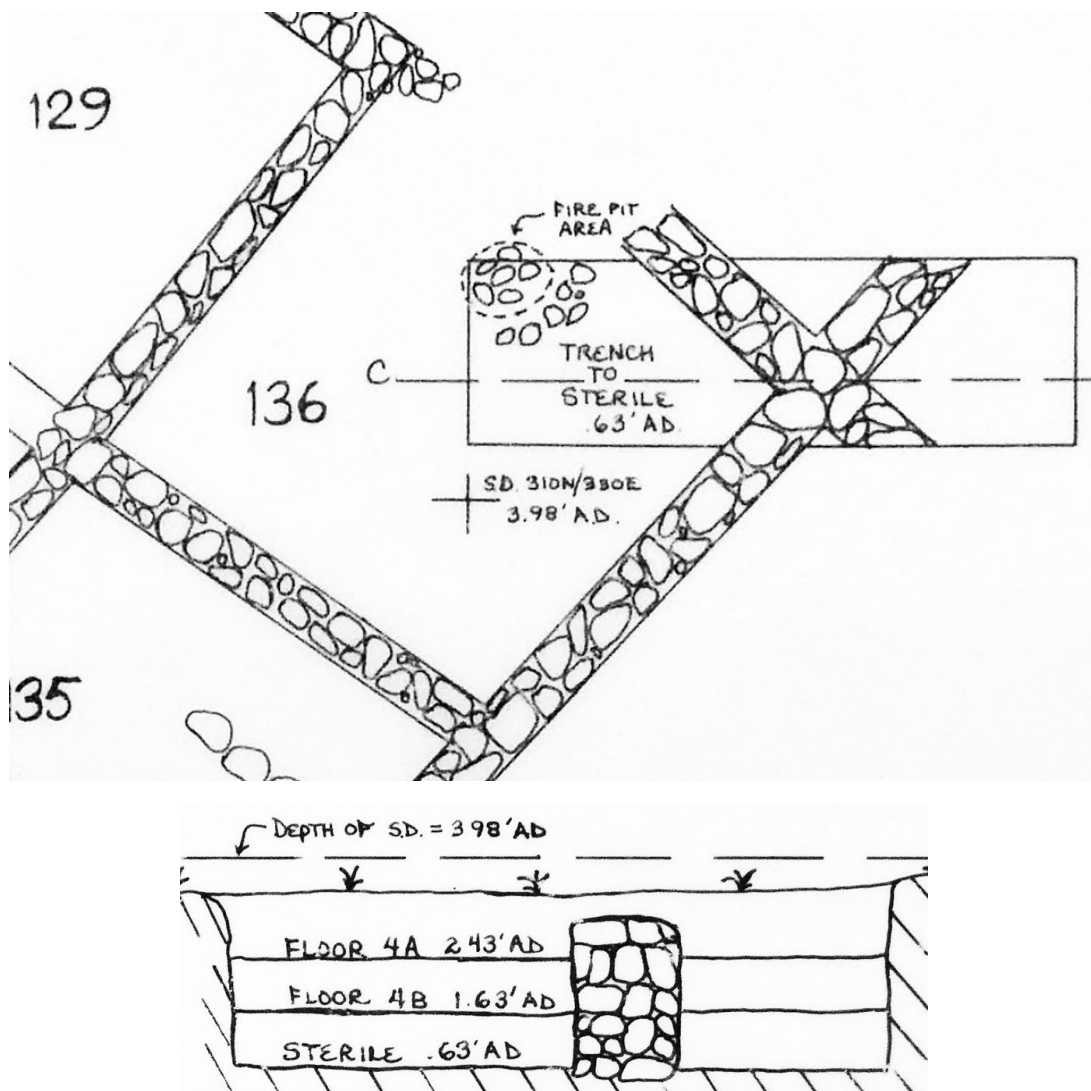


Figure 8.9. Plan and profile of Room 136. In the plan, north is to the left.
Source: Cat. No. 2005.25.15180.

Published Comments

Room 136 had adobe walls with crude masonry wall footings (Cordell 1977b:184).

In 1976, based on wall lengths in Rooms 129 and 130, 4 by 4 foot test pits were excavated in search of additional room corners. The effort resulted in the identification of corners for Rooms 134–136 (Simon, in Cordell 1977b:227).

A trench in grid unit 300N/331E crossed two rooms, identifying masonry cross walls and separate floors in the north and south halves of the trench. The floor in the north half of the trench was associated with Room 136 and included a fire pit made of stone slabs and adobe (Simon, in Cordell 1977b:231).

Artifacts, Photographs, and Maps in the Collections

The Maxwell Museum does not hold any artifacts or photographs from Room 136. A 1976 map (Cat. No. 2005.25.15180) provides a plan and profile of the room.



Chapter 9

THE LARGE KIVA

In the last few days of the 1975 UNM field school, a large exterior kiva was identified (Figure 9.1). The structure was not fully excavated or given a room number. It was frequently referred to as a “Great Kiva.” By any name, it must have been a structure used by one or more groups with widespread membership in the village.

Information about the testing of the large kiva comes from documents by Linda Cordell and others, from student notebook entries for the excavation of units in the area, from photographs and maps, and from artifacts from grid units where the large kiva was located. The format of this chapter is consequently somewhat different than that for excavated numbered rooms.

1971 Field Season

The 1971 excavation at Tijeras Pueblo, led by James Judge, included work in the area later identified as including the large kiva. This work spanned grid units 250–350N/075–150E (Cat. No. 79.84.205), with its center at 300N/100E (Cat. No. 79.84.206), and included surface collection and minimal excavation. Six student notebooks (Cat. Nos. 79.84.36, .38, .44, .54, .58, and .61) describe work in the grid units from July 9 through July 25.

Observations from Notebooks

Table 9.1 summarizes the students’ findings in the area where the large kiva would later be found.

One notebook (Cat. No. 79.84.61) mentioned finding stone tools (choppers, scrapers, and a broken mano) in grid units surrounding grid point 270N/120E.

Artifacts in the Collections

The Maxwell Museum collections include artifacts collected from the local portion of the site grid in 1971 (Table 9.2). Some were found by the same students whose notebooks are cited in Table 9.1; any artifacts that appear to be duplicates of those mentioned in Table 9.2 are not included in Table 9.2. A few artifacts in the collections come from bags that did not list excavator names and that cannot be traced to any of the student notebooks.

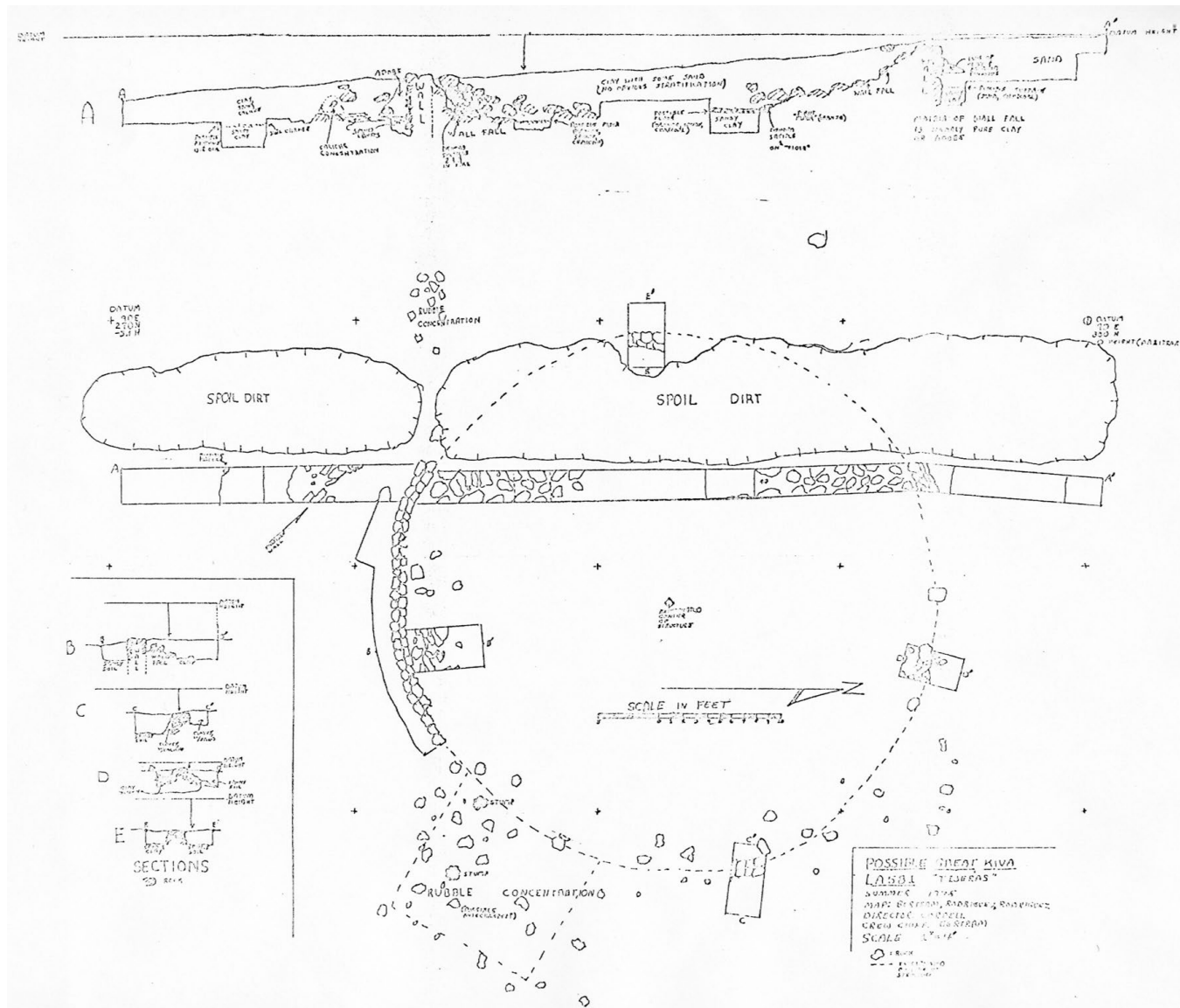


Figure 9.1. The large kiva. Source: Bertram and Cordell n.d.

Table 9.1. 1971 Notebook Reports of Findings in Grid Units near the Large Kiva.

Grid Unit	Findings	Notebook (Cat. #)
250N/120E	Sherds	79.84.61
270N/100E	Limestone chopper at 274N/110E; building stones	79.84.44
270N/110E	2 limestone choppers	79.84.48
270N/110E	Troweled down to a possible natural level. Sherds and lithic artifacts	79.84.58
270N/120E	Sherds and lithic debitage	79.84.61
270N/130E	7 sherds; 4 lithic artifacts, including a chert chip	79.84.36
280N/100E	12 sherds near arroyo; 1 piece of lithic debitage	79.84.54
280N/130E	Sherds	79.84.44
280N/140E	Scattered building stones; minimal cultural material	79.84.38
290N/110E	8 sherds	79.84.36
290N/120E	Possible rock alignment; sherds	79.84.61
290N/130E	Many large stone blocks, some aligned	79.84.38
290N/140E	Large rocks, "with corners"; east-west line of rocks crossing middle of grid unit	79.84.58

Table 9.2. 1971 Artifacts from the Area of the Large Kiva in the Maxwell Museum Collections.

Grid	Level	Description	Cat. Nos.
262.5N/139.5E	Surface	Limestone hammerstone	79.84.38*
270N/100E	Surface	Sherds	79.84.44*
70N/110E	Surface	Rocks	79.84.58*
270N/140E		Sherds	**
270-350N	Surface	Sherds and flakes	79.84.179, .180, and .194
275.6N/110.8E		Limestone hammerstone (?)	79.84.40
280N/110E		Sherds and rocks	79.84.40
280N/120E	Surface	Sherds	**
290N/100E	Surface	Sherds	79.84.58*
290N/130E	surface	Sherds	79.84.38*
*Items reported in same notebooks as Table 9.1.			
**Unidentified excavators.			

1973 Excavation

James Judge led the 1973 excavation at Tijeras Pueblo. A few artifacts in the Maxwell Museum collections come from the area of the large kiva and were collected in 1973. These came from the surface of grid unit 300N/100E and included sherds, a possible mano fragment, additional ground stone, and a scraper. One student (Cat. No. 79.84.127) reported working in the area on July 19 and 20.

1974 Excavation

The 1974 excavation at Tijeras Pueblo, led by Linda Cordell, included surface collection of a few sherds in the area of the large kiva (Bertram and Cordell n.d.:1). However, the Maxwell Museum collections do not include artifacts collected in 1974 from the area, and none of the student notebooks from 1974 describes work in grid units 250–350N/075–150E.

1975 Excavation

Linda Cordell led the 1975 excavation that identified the area near Mera's Mound I as a “great kiva” measuring 45 feet in diameter, with double-coursed masonry walls about 1.7 feet thick (Cordell 1977a:25). Nine student notebooks (Cat. Nos. 79.84.179, .180, .187, .189, .191, .193, .194, .197, and .202) describe work in grid unit 270N/100E from July 9 through July 25. Three notebooks (Cat. Nos. 79.84.180, .193, and .194) mention working along the trench (T1) dug from about 270 to 350N, along 100–101E. Table 9.3 summarizes the artifacts in the Maxwell Museum collections obtained from T1 in 1975.

Table 9.3. 1975 Artifacts from the Area of the Large Kiva in the Maxwell Museum Collections.

Grid Unit	Level	Description	Cat. Nos.
270–350N/100–101E	surface	Sherds and flakes	79.84.179, .180, and .194
270N/100E-T1	surface	sherds	Excavators not identified.

Observations from Notebooks

Work on the area became more focused on July 17. One notebook mentions that the student worked with Jack Bertram that day to develop a methodology to explore grids 270–350N/100E, to look for signs of agriculture and watering systems. The students identified a rock structure possibly used for water control (Cat. No. 79.84.180).

The students excavated a masonry feature that appeared to be a wall. The feature's south face was a very even surface of rectangular rock slabs. A large section of adobe was also found. The north side of the feature appeared to be wall fall above abundant clay (Cat. No. 79.84.197).

The students dug a trench extending from 270N through 350N (marked “A” in Figure 9.1) and found a wall at a second stone concentration (near “B” in 9.1) (Cat. No. 79.84.179). The south face of the rock structure was a coursed masonry wall and the north side resembled a pile of wall fall (Cat. No. 79.84.180).

In clearing the masonry wall, the students found abundant adobe, eroded mortar, and hard clayey soil, the last including abundant chunks of material with caliche (Cat. No. 79.84.179).

The structure extended from about 330N to 295N at its southern boundary, and was at least 3 feet deep. A visiting archaeologist suggested that it might have been a water reservoir for domestic use (Cat. No. 79.84.180).

Trench 1 (T1) was dug using a backhoe, extended 80 feet north-south, and was 3 feet wide. The students noticed a vegetation change in the area where the trench was sunk, indicating that the soil was disturbed. The soil was orange-brown, sandy, with finer soil in the south end of the trench (Cat. No. 79.84.189).

A second trench (T2) was dug on the next to last day of the field school, and a surface with wood was found between the two trenches (T1 and T2) (Cat. No. 79.84.187). A possible floor was identified about 8 feet south of rubble in the north end of Trench 1 (T1). Tree-ring samples were collected (Cat. Nos. 79.84.187, .189, and .202). Trench 1 (T1) was 80 feet long and 2 feet wide, and was at 270–350N/101E (Cat. No. 79.84.193).

On the last day of the UNM field school, one student indicated that the area might be a “big kiva” instead of an agricultural field (Cat. No. 79.84.202).

1976 Excavation

Linda Cordell led the continuing excavation of the area in 1976. Five student notebooks (Cat. No. 79.84.205, .206, .227, and .230; Cat. No. 2005.25.15123) mention excavation work in the area of the “great kiva” from June 7 through June 24.

Observations from Notebooks

One notebook (Cat. No. 79.84.227) mentions that excavations were occurring in the area of 300–320N/320–340E in June 1976, which included the 300N gridline of the “great kiva.”

A second notebook (Cat. No. 79.84.230) indicates that one of the objectives of the 1976 UNM field school was to map the “great kiva” using electronic devices.

The inside cover of a notebook (Cat. No. 79.84.205) includes a diagram of the “great kiva” and shows its location as 250–350N/075–150E.

A different notebook diagram (Cat. No. 79.84.206) places the center of the “great kiva” at grid location 300N/100E.

The final notebook (Cat. No. 2005.25.15123) suggests there might have been a series of room blocks around the “great kiva”.

Published Comments

The area with the large kiva was about 300 feet north of the pueblo's main mound and was first thought to be some form of water or soil control feature. The surface in that area included a line of exposed masonry that was later identified as the south part of a wall. A single backhoe trench, oriented north-south and about 2 feet deep, was dug through the feature (Bertram and Cordell n.d.:1).

Once the crew realized that the feature was circular, pits were dug along the extrapolated perimeter in search of walls. The double-coursed masonry wall thus exposed measured 1.5 to 1.9 feet thick, with an average thickness of 1.7 feet. At a point at the south end of the feature, the buried wall measured 3.8 feet high. At a point at the north end, the wall was 4.6 feet high. At both points, about 0.5 foot of the measured height consisted of wall footings. The wall fall at the south end suggested that the original wall rose about 7.5 feet high above the footing. The structure was not semi-subterranean and its material had not been robbed for later construction (Bertram and Cordell n.d.:2).

A possible floor was located at a depth of 4 feet. The floor was poorly defined. Patches of burned clay, charcoal, and fragments of burned wood were overlain by a 0.1 foot thick lens of loose sandy soil. The wood fragments may have been latillas. Fragments of wood were sent to the tree-ring laboratory at the University of Arizona (Cordell 1977:25).

Pits were dug at various points penetrating along the structure's circular wall (Figure 9.1). The exposed masonry was described as "excellent by P. IV Rio Grande standards"; it consisted of double-coursed masonry without a rubble core. The crew found some chinking using small pebbles. The mortar was hard pure clay. About 85 percent of the wall volume was stone (Bertram and Cordell n.d.:2).

The students recovered a few sherds along the circular wall and from the trench that crossed the interior of the structure. Excavation was incomplete and no kiva-like features were identified. Unusually large rubble concentrations were found ESE and SSW of the structure's center, suggesting that antechambers may have been present (Bertram and Cordell n.d.:3).

The crew conducted subsurface mapping using electronic resistivity equipment to map the "great kiva" instead of excavating it. A Ph.D. anthropology student with an academic emphasis in geology supervised the work using equipment from UNM's Geology Department. Results were "encouraging but limited" since the equipment was only available for two days, and was only used to locate the "great kiva" walls (Cordell 1977a:191).

A tree ring date of 1313vv was obtained from a sample found in grid unit 310N/100E, in Trench 1 (T1) (Cordell 1977a:199). A comment included in Table A.6 suggests that a sample sent for tree-ring dating may have come from a roof support.

Photographs and Maps in the Maxwell Museum

The Maxwell Museum Archives include nine photographs of Trench 1 (T1) in grid 270N/100E. These show the excavations in the trench that led to the identification of the large kiva. Figure 9.2 shows Trench 1 (T1) and the partly exposed kiva wall.



Figure 9.2. Trench 1 (T1) in grid unit 270N/100E, showing part of the kiva wall.
Source: Cat. No.80.24.187.

Figure 9.1 is one of two maps of the “great kiva” that can be found in the manuscript on that kiva by Bertram and Cordell (Cat. No. 2005.25.15575).



Chapter 10

DISCUSSION

The excavations at Tijeras Pueblo in the 1970s were conducted in a rigorous manner. They took place at the beginning of the modern computer era, when archaeological data were destined to reside in electronic form. Consequently, attempts were made to standardize the process of collecting and recording data.

There are many discrepancies in the reported data, and at times I wished I had been in the room as discussions were held about how to identify an artifact or specify where it was found. Even so, the fact that so much information was collected and recorded in a systematic way made this report possible.

The report incorporates much of the information from the 1970s excavations now in the Maxwell Museum's collections and archives. My goal was to provide a room by room description of the work done at the site; other aspects of the fieldwork (extramural testing, for example) are not detailed in this report. Because so much emphasis was given to excavating rooms, the room by room review will give readers a sense of the excavation as a whole.

One reason that the excavations from 1948, 1968, and 1986 are not covered by this report is the lack of equally systematic data from those excavations. Rooms were identified but not shown on maps. Mention was made of a kiva being in some unidentified room. Maps did not exist for some work, and other efforts did not distinguish between rooms and areas identified only as features. The existing notes are not sufficient to identify which room was being excavated or where it was located. We do know that some of the 1948 excavation occurred in Room Blocks 1–5, but we cannot identify which rooms were dug. I can only assume that some of those rooms were re-excavated in the 1970s.

At the end of the 1970s excavations, most of the rooms were backfilled. They remain covered over behind the Tijeras Ranger Station. The site is open to visitors and includes an interpretive trail. An active Friends association maintains an interpretive exhibit and education programs in a building a stone's throw from the site.

The crews working at Tijeras Pueblo in the 1970s initially identified 143 rooms. As Table 10.1 shows, the final count was 138 to 140 rooms. Table 10.2 summarizes various aspects of those rooms. In a few instances it was not clear if the crew decided whether a floor had been found or even if the feature was a room. Many rooms were designated as having more than one function due to uses associated with different floors, due to conclusions reached in different years, or simply due to multiple functions identified in different source materials.

Table 10.1. The Changing Room Count.

Room Count or Change in Count	Description
143	Originally identified as rooms.
+1	Room 26 redefined to be 2 rooms (26A and 26B).
-1	Room 123 redefined to be part of Room 130.
-1	Room 125 redefined to be Area 125 (not a room).
-2	Not rooms (95, 99).
-2?	Possibly not rooms (44, 49).
138–140	Final count

Table 10.2. Room Attributes.

No. of Rooms	Attribute
110	Sub-datum/grid location <u>provided</u> .
104	With floor(s).
2	Possibly with floor(s).
72	With feature(s).
52	Excavated to sterile.
25	Not excavated.
2	Possibly not excavated.

Table 10.3 summarizes the assignments of room functions. The only common single function rooms were habitation and storage rooms (as is common in Ancestral Puebloan sites). Thirty excavated rooms were not assigned a function. The only unexcavated room assigned a function was the “great kiva”; in that case the assigned function was based on the feature’s size and shape.

Table 10.3. Rooms by Function.

Function	Rooms with a Single Function	Rooms with Multiple Functions	Total
Habitation	29	18	47
Storage	20	24	44
Special activity		6	6
Food processing		5	5
Kiva	3	1	4
Ceremonial	1	3	4
Trash		4	4
Mealing		1	1
Pottery making		1	1

Three of the kivas included in Table 10.3 were fully excavated (Rooms 64, 108, and 128). As I discuss in Chapter 9, the large exterior kiva (often referred to as a “great kiva”) was only tested. The rooms identified as ceremonial in Table 10.3 were not the same rooms as the kivas.

Table 10.4 identifies the counts of rooms and other features in various source materials at the Maxwell Museum. The counts include rooms that were later redefined.

Table 10.4. Source Materials Available for Rooms.

# of Rooms	Source Material
139	Maps
114	Student notebooks
114	Artifacts
111	Field forms
101	Photographs
48	Tree-ring dates
7	Human burials
2	Dog burials

Table A.9 provides additional details on the information summarized here.



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[With contributions by Cheryl A. Ferguson (Appendix B, Skeletal Remains from 1975 Excavations, pp. 50–79), Gregory C. Burtchard (Appendix C, Teaching Assistant Report 1975 Season, pp. 80–99), and Brona G. Simon (Appendix D, Teaching Assistant Report 1975 Season, pp. 100–123). This report and the one listed as Cordell 1977b were printed in a single physical volume.]
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