

TIJERAS PUEBLO 1970s ROOM EXCAVATIONS

Part 1: Room Block 1

By

Lucy C. Schuyler



**MAXWELL
MUSEUM**
OF ANTHROPOLOGY
UNIVERSITY OF NEW MEXICO

Maxwell Museum Technical Series No. 34, Part 1

Maxwell Museum of Anthropology
MSC01, 1050, 1 University of New Mexico
Albuquerque, New Mexico 87131-0001
maxwellmuseum.unm.edu

2020

Copyright 2020, Maxwell Museum of Anthropology
University of New Mexico

TABLE OF CONTENTS

	Page
List of Figures.....	x
List of Tables.....	xii
Preface, by <i>David A. Phillips, Jr.</i>	xiv
Acknowledgments and Dedication.....	xiv
1. INTRODUCTION.....	1
UNM Archaeological Field Schools.....	1
1971.....	2
1972.....	4
1973.....	4
1974.....	5
1975.....	5
1976.....	6
Methodology for the Current Study.....	7
Sources.....	7
Unpublished Written Sources.....	7
Artifacts in the Maxwell Museum Collections.....	8
Photographs.....	8
Maps.....	8
Judge and Cordell Publications.....	9
Room Identifications.....	9
Preparation of Room Descriptions and Organization of the Report.....	9
2. ROOMS 34 AND 30.....	15
Room 34.....	15
1972 Excavations.....	15
Data from Field Forms (Cat. No. 81.25.29).....	15
Observations from Notebooks.....	15
Summary of Excavations by Level.....	18
Artifacts, Photographs, and Maps in the Collections.....	18
Room 30.....	19
1972 Excavations.....	19
Data from Field Forms (Cat. No. 79.84.10).....	19
Observations from Notebooks.....	20
Summary of Excavations by Level.....	21
1974 Summary of Judge Excavations.....	21
Data from Field Form (Cat. No. 78.84.278A).....	21

TABLE OF CONTENTS, *continued*

	Page
2. ROOMS 34 AND 30, <i>continued</i>	
Room 30, <i>continued</i>	
1974 Excavations.....	22
Data from Field Forms (Cat. No. 78.84.22).....	22
Observations from Notebooks.....	23
Summary of Excavations by Level.....	23
Artifacts, Photographs, and Maps in the Collections.....	25
3. ROOMS 24 AND 29.....	29
Room 24.....	29
1972 Excavations.....	29
Data from Field Forms (Cat. No. 79.84.9).....	29
Observations from Notebooks.....	32
Summary of Excavations by Level.....	32
1974 Summary of Judge Excavations.....	33
Data from Field Form (Cat. No. 79.84.278A).....	33
Artifacts, Photographs, and Maps in the Collections.....	33
Room 29.....	33
1972 Excavations.....	33
Data from Field Forms (Cat. No. 79.84.10).....	34
Observations from Notebooks.....	35
Summary of Excavations by Level.....	36
1974 Summary of Judge Excavations.....	36
Data from Field Form (Cat. No. 79.84.278A).....	36
1974 Excavations.....	37
Data from Field Forms (Cat. No. 79.84.22).....	37
Observations from Notebooks.....	37
Summary of Excavations by Level.....	38
Published Comment.....	39
Artifacts, Photographs, and Maps in the Collections.....	39
4. ROOMS 46, 45, AND 101.....	43
Room 46.....	43
1973 Excavations.....	43
Data from Field Forms (Cat. No. 79.84.15).....	43
Observations from Notebooks.....	46
Summary of Excavations by Level.....	46
Comments by Judge.....	47
1974 Summary of Judge Excavations.....	47
Data from Field Form (Cat. No. 79.84.278A).....	47

TABLE OF CONTENTS, *continued*

	Page
4. ROOMS 46, 45, AND 101, <i>continued</i>	
Room 46, <i>continued</i>	
1974 Excavations.....	48
Observations from Notebooks.....	48
Published Comment.....	48
Artifacts, Photographs, and Maps in the Collections.....	48
Room 45.....	50
1974 Excavations.....	50
Data from Field Forms (Cat. No. 79.84.22).....	50
Observations from Notebooks.....	50
Summary of Excavations by Level.....	50
Published Comments.....	51
Artifacts, Photographs, and Maps in the Collections.....	51
Room 101.....	52
1974 Excavations.....	52
Data from Field Forms (Cat. No. 79.84.24).....	52
Observations from Notebooks.....	53
Summary of Excavations by Level.....	55
Published Comments.....	57
Artifacts, Photographs, and Maps in the Collections.....	57
5. ROOMS 47 AND 106.....	61
Room 47.....	61
1974 Excavations.....	61
Data from Field Forms (Cat. No. 79.84.22).....	61
Observations from Notebooks.....	64
Summary of Excavations by Level.....	64
Published Comments.....	65
Artifacts, Photographs, and Maps in the Collections.....	66
Room 106.....	68
1974 Excavations.....	68
Data from Field Forms (Cat. No. 79.84.24).....	68
Observations from Notebooks.....	70
Summary of Excavations by Level.....	71
Published Comments.....	73
Artifacts, Photographs, and Maps in the Collections.....	73
6. ROOMS 19–21 AND 23.....	77
Room 19.....	77
1971 Excavations.....	77
Data from Field Forms (Cat. No. 79.84.9).....	77

TABLE OF CONTENTS, *continued*

	Page
6. ROOMS 19–21 AND 23, <i>continued</i>	
Room 19, <i>continued</i>	
1972 Excavations.....	77
Data from Field Forms (Cat. No. 79.84.9).....	79
Observations from Notebooks.....	81
Summary of Excavations by Level.....	82
Published Comments.....	83
1974 Summary of Judge Excavations.....	84
Data from Field Form (Cat. No. 79.84.278A).....	84
Artifacts, Photographs, and Maps in the Collections.....	84
Room 20.....	87
1971 Excavations.....	88
Data from Field Forms (Cat. No. 79.84.9).....	88
Summary of Excavations by Level.....	88
1974 Summary of Judge Excavations.....	88
Data from Field Form (Cat. No. 79.84.278A).....	88
Published Comment.....	88
Artifacts, Photographs, and Maps in the Collections.....	89
Room 21.....	89
1971 or 1972 Excavations.....	90
Data from Field Forms (Cat. No. 79.84.9).....	90
Summary of Excavations by Level.....	91
1974 Summary of Judge Excavations.....	91
Data from Field Form (Cat. No. 79.84.278A).....	91
Published Comment.....	92
Artifacts, Photographs, and Maps in the Collections.....	92
Room 23.....	93
1972 Excavations.....	93
Data from Field Forms (Cat. No. 79.84.9).....	93
Summary of Excavations by Level.....	95
1974 Summary of Judge Excavations.....	96
Data from Field Form (Cat. No. 79.84.278A).....	96
Artifacts, Photographs, and Maps in the Collections.....	96
7. ROOMS 36, 38–44, 49, AND 105.....	97
Room 36.....	97
1973 Excavations.....	97
Data from Field Forms (Cat. No. 79.84.15).....	97
Observations from Notebooks.....	99
Summary of Excavations by Level.....	100
1974 Summary of Judge Excavations.....	100
Data from Field Form (Cat. No. 79.84.278A).....	100
Artifacts, Photographs, and Maps in the Collections.....	101

TABLE OF CONTENTS, *continued*

	Page
7. ROOMS 36, 38–44, 49, AND 105, <i>continued</i>	
Room 38.....	102
1973 Excavations.....	102
Data from Field Forms (Cat. No. 79.84.15).....	102
Observations from Notebooks.....	103
Summary of Excavations by Level.....	103
Judge’s Comments.....	104
1974 Summary of Judge Excavations.....	104
Data from Field Form (Cat. No. 79.84.278A).....	104
Artifacts, Photographs, and Maps in the Collections.....	104
Room 39.....	106
1973 Excavations.....	106
Data from Field Forms (Cat. No. 79.84.10).....	106
Observations from Notebooks.....	106
Summary of Excavations by Level.....	107
Judge’s Comments.....	107
1974 Summary of Judge Excavations.....	107
Data from Field Form (Cat. No. 79.84.278A).....	107
Artifacts, Photographs, and Maps in the Collections.....	107
Room 40.....	108
1973 Excavations.....	108
Data from Field Forms (Cat. No. 79.84.10).....	108
Observations from Notebooks.....	111
Summary of Excavations by Level.....	112
Judge’s Comments.....	114
1974 Summary of Judge Excavations.....	115
Data from Field Form (Cat. No. 79.84.278A).....	115
1974 Excavations.....	115
Observations from Notebooks.....	115
Summary of Excavations by Level.....	115
Artifacts, Photographs, and Maps in the Collections.....	116
Room 41.....	120
1973 Excavations.....	120
Data from Field Forms (Cat. No. 79.84.15).....	121
Observations from Notebooks.....	121
Summary of Excavations by Level.....	122
Judge’s Comments.....	123
1974 Summary of Judge Excavations.....	123
Data from Field Form (Cat. No. 79.84.278A).....	123

TABLE OF CONTENTS, *continued*

	Page
7. ROOMS 36, 38–44, 49, AND 105, <i>continued</i>	
Room 41, <i>continued</i>	
1974 Excavations.....	123
Data from Field Forms (Cat. No. 79.84.22).....	123
Observations from Notebooks.....	124
Summary of Excavations by Level.....	124
Published Comment.....	124
Artifacts, Photographs, and Maps in the Collections.....	125
Room 42.....	127
1974 Excavations.....	127
Data from Field Forms (Cat. No. 79.84.22).....	128
Observations from Notebooks.....	128
Summary of Excavations by Level.....	129
Published Comments.....	130
Artifacts, Photographs, and Maps in the Collections.....	130
Room 43.....	131
1974 Excavations.....	131
Data from Field Forms (Cat. No. 79.84.22).....	132
Observations from Notebooks.....	134
Summary of Excavations by Level.....	135
Published Comments.....	138
Artifacts, Photographs, and Maps in the Collections.....	138
Room 44.....	142
1973 Excavations.....	142
Data from Field Forms (Cat. No. 79.84.15).....	142
Observations from Notebooks.....	143
Summary of Excavations by Level.....	143
Judge's Comments.....	144
1974 Summary of Judge Excavations.....	144
Data from Field Form (Cat. No. 79.84.278A).....	144
Artifacts, Photographs, and Maps in the Collections.....	144
Room 49.....	145
1973 Excavations.....	145
Data from Field Forms (Cat. No. 79.84.10).....	145
Observations from Notebooks.....	146
Summary of Excavations by Level.....	146
Judge's Comments.....	146
Artifacts, Photographs, and Maps in the Collections.....	147

TABLE OF CONTENTS, *continued*

	Page
7. ROOMS 36, 38–44, 49, AND 105, <i>continued</i>	
Room 105.....	147
1974 Excavations.....	147
Data from Field Forms (Cat. No. 79.84.24).....	149
Observations from Notebooks.....	150
Summary of Excavations by Level.....	151
Published Comment.....	153
Artifacts, Photographs, and Maps in the Collections.....	153
8. INCOMPLETELY DOCUMENTED BLOCK 1 ROOMS.....	155
Room 22.....	155
Rooms 35, 37, 48, and 50.....	155
Room 35.....	156
Room 37.....	157
Room 48.....	157
Room 50.....	158
Rooms 103 and 104.....	159
Room 103.....	159
Room 104.....	161
REFERENCES CITED.....	163
Additional Resources.....	164

The Appendices will appear in the final part of the report.

FIGURES

	Page
1.1. Sketch map of Tijeras Pueblo.....	2
1.2. Map of Tijeras Pueblo excavations.....	10
1.3. Areas excavated in the 1970s.....	11
1.4. Map showing lower level rooms.....	12
 2.1. Locations of Rooms 34 and 30 within Room Block 1.....	 16
2.2. Plan and profiles of Rooms 34 and 30.....	17
2.3. Room 30, second floor (4B) with manos, hearth, and mealing bin.....	27
 3.1. Locations of Rooms 34 and 30 within Room Block 1.....	 30
3.2. Plan and profile of Rooms 24 and 29.....	31
3.3. Room 29, hearth (F1) in the fourth level of fill (2D).....	40
3.4. Room 29, first floor (4A).....	41
3.5. Room 29, second floor (4B).....	41
 4.1. Rooms 45, 46, and 101 within Room Block 1.....	 44
4.2. Plan and profile of Rooms 46, 45, and 101.....	45
4.3. Room 46, first Floor (4A).....	49
4.4. Room 45, second level of Fill (2B).....	52
4.5. Room 101, first floor (4A[one]) and post hole (F1).....	58
4.6. Room 101, 1st Floor (4A[two]).....	59
 5.1. Room 47 within Room Block 1.....	 62
5.2. Plan and profile of Room 47.....	63
5.3. Room 47, hearth (F1) in second level of fill (2B).....	67
5.4. Room 47, first floor (4A) with post holes (F1, F2).....	67
5.5. Room 106 within Room Block 1.....	69
5.6. Plan and profile of Room 106.....	70
5.7. Two views of Room 106.....	75
 6.1. Rooms 19–21 and 23 within Room Block 1.....	 78
6.2. Plan and profile of Room 19.....	79
6.3. Room 19, west wall profile (surface through 5J).....	85
6.4. Room 19, showing upright slabs in north wall.....	86
6.5. Plan and profile of Room 20.....	87
6.6. Plan and profile of Room 21.....	90
6.7. Room 21, second Floor (4B), showing burned maize cobs.....	93
6.8. Plan and profile of Room 23.....	94
 7.1. Rooms 36, 38–44, and 49 within Room Block 1.....	 98
7.2. Plan and profile of Room 36.....	99
7.3. Room 36, first floor (4A) and west wall.....	101
7.4. Plan of Room 38 before excavation.....	102

FIGURES, *continued*

	Page
7.5. Room 38, first floor (4A).....	105
7.6. Plan of Room 39.....	106
7.7. Plan and profile of Room 40.....	109
7.8. Room 40, first floor (4A), stone-lined hearth (F1).....	118
7.9. Room 40, first floor (4A), hearth (F2) below F1.....	118
7.10. Room 40, third floor (4C), hearths (F1 and F2).....	119
7.11. Room 40, west wall with exposed masonry.....	119
7.12. Plan and profile of Room 41.....	120
7.13. Room 41, first floor (4A).....	126
7.14. Room 41, second level of fill below first floor, in Test Pit 1 (5B-T1).....	126
7.15. Plan and profile of Room 42.....	127
7.16. Room 42, first floor (4A).....	131
7.17. Plan of Room 43.....	132
7.18. Two views of features on the first floor (4A) of Room 43.....	140
7.19. Room 43, unidentified feature (F4) in the first floor (4A).....	141
7.20. Room 43, second floor (4B).....	141
7.21. Plan of “Room” 44.....	142
7.22. Plan of Room 49.....	145
7.23. Room 105 within Block 1.....	148
7.24. Plan and profile of Room 105.....	149
7.25. Room 105, first floor (4A).....	154
8.1. Rooms 35, 37, 48, and 50 within Room Block 1.....	155
8.2. Plan and profile of Room 35.....	156
8.3. Plan of Room 37.....	157
8.4. Plan of Room 48.....	158
8.5. Plan of Room 50.....	159
8.6. Rooms 103 and 104 within Room Block 1.....	160
8.7. Plan and profile of Room 103.....	161
8.8. Plan of Room 104.....	162

TABLES

	Page
1.1. Rooms Discussed by Part 1 Chapters.....	13
2.1. Room 34, 1972 Excavated Levels.....	18
2.2. Room 34, Artifacts in the Maxwell Museum.....	18
2.3. Room 30, 1972 Wall Measurements and Materials.....	19
2.4. Room 30, 1972 Excavated Levels.....	21
2.5. Room 30, 1974 Wall Measurements and Materials.....	22
2.6. Room 30, Wall Measurements at the Second Floor (4B).....	23
2.7. Room 30, 1974 Excavated Levels.....	24
2.8. Room 30, Discrepancies in Level Depths (Feet BD).....	25
2.9. Room 30, Artifacts in the Maxwell Museum.....	25
3.1. Room 24, Wall Measurements and Materials.....	29
3.2. Room 24, 1972 Excavated Levels.....	32
3.3. Room 24, Artifacts in the Maxwell Museum.....	33
3.4. Room 29, 1972 Wall Measurements and Materials.....	34
3.5. Room 29, 1972 Excavated Levels.....	36
3.6. Room 29, 1974 Wall Measurements and Materials.....	37
3.7. Room 29, 1974 Excavated Levels.....	38
3.8. Room 29, Artifacts in the Maxwell Museum.....	39
4.1. Room 46, Wall Measurements and Materials.....	43
4.2. Room 46, 1973 Excavated Levels.....	46
4.3. Room 46, Artifacts in the Maxwell Museum.....	48
4.4. Room 45, 1974 Excavated Levels.....	51
4.5. Room 45, Artifacts in the Maxwell Museum.....	51
4.6. Room 101, Wall Measurements and Materials.....	53
4.7. Room 101, 1974 Excavated Levels.....	55
4.8. Room 101, Artifacts in the Maxwell Museum.....	57
5.1. Room 47, Wall Details.....	63
5.2. Room 47, 1974 Excavated Levels.....	65
5.3. Room 47, Artifacts at the Maxwell Museum.....	66
5.4. Room 106, Wall Measurements and Details.....	68
5.5. Room 106, 1974 Excavated Levels.....	71
5.6. Room 106, Artifacts at the Maxwell Museum.....	73
6.1. Room 19, 1972 Excavated Levels.....	83
6.2. Room 19, 1972 Excavated Burials.....	84
6.3. Room 19, Artifacts in the Maxwell Museum.....	84
6.4. Room 20, 1971 Excavated Levels.....	88
6.5. Room 20, Artifacts in the Maxwell Museum.....	89
6.6. Room 21, 1972 Excavated Levels.....	91

TABLES, *continued*

	Page
6.7. Room 21, Artifacts in the Maxwell Museum.....	92
6.8. Room 23, 1972 Excavated Levels.....	95
6.9. Room 23, Artifacts in the Maxwell Museum.....	96
 7.1. Room 36, Wall Measurements and Materials.....	 97
7.2. Room 36, 1973 Excavated Levels.....	100
7.3. Room 36, Artifacts in the Maxwell Museum.....	101
7.4. Room 38, Wall Measurements and Materials.....	102
7.5. Room 38, 1973 Excavated Levels.....	104
7.6. Room 38, Artifacts in the Maxwell Museum.....	105
7.7. Room 39, 1973 Excavated Levels.....	107
7.8. Room 39, Artifacts in the Maxwell Museum.....	108
7.9. Room 40, Sub-Datum Locations.....	108
7.10. Room 40, Wall Measurements and Materials.....	110
 7.11. Room 40, 1973 Excavated Levels.....	 112
7.12. Room 40, Artifacts in the Maxwell Museum.....	116
7.13. Room 41, Wall Measurements and Materials.....	121
7.14. Room 41, 1973 Excavated Levels.....	122
7.15. Room 41, 1974 Excavated Levels.....	124
7.16. Room 41, Artifacts in the Maxwell Museum.....	125
7.17. Room 42, Wall Measurements and Materials.....	128
7.18. Room 42, 1974 Excavated Levels.....	129
7.19. Room 42, Artifacts in the Maxwell Museum.....	130
7.20. Room 43, Wall Measurements and Materials.....	132
 7.21. Room 43, Wall Measurements at Different Levels.....	 135
7.22. Room 43, 1974 Excavated Levels.....	136
7.23. Room 43, Artifacts in the Maxwell Museum.....	138
7.24. Room 44, 1973 Excavated Levels.....	143
7.25. Room 44, Artifacts in the Maxwell Museum.....	144
7.26. Room 49, 1973 Excavated Levels.....	146
7.27. Room 49, Artifacts in the Maxwell Museum.....	147
7.28. Room 105, 1974 Excavated Levels.....	151
7.29. Room 105, Artifacts in the Maxwell Museum.....	153

PREFACE

Descriptive archeological reports typically have a single goal: to summarize what was found. In such reports, no attempt is made to link given descriptive details to an original field or laboratory record. The report in your hands serves a dual purpose: while it describes the rooms at Tijeras Pueblo, it is also a guide to the excavation records. For most investigators using the collections from Tijeras Pueblo, the descriptions provided here should suffice. For those who feel the need to examine the field records associated with a room, the report indicates the nature and extent of those records.

The dual purpose of the report is reflected in its structure. Information is sometimes repeated. Also, discrepancies are not necessarily resolved, instead being presented so that readers can make their own decisions. Also, due to the length of the report, it is being produced and distributed in parts. Among other advantages, this makes the initial set of descriptions, on the main room block in the pueblo, available sooner rather than later.

David A. Phillips, Jr.
Series Editor

ACKNOWLEDGMENTS AND DEDICATION

This report could not have happened without the help of the following people, listed in alphabetical order: Karen Armstrong and her crew of volunteers, Margie Barol, Catherine Baudoin, David Phillips, Karen Price, Diane Tyink, and Tom Windes.

I dedicate this report to the memory of Linda S. Cordell.

Lucy C. Schuyler
Albuquerque, New Mexico
April 2020

Chapter 1

INTRODUCTION

Tijeras Pueblo (LA 581) is a Pueblo III–IV site about 15 miles (24 km) east of Albuquerque, New Mexico at the Sandia Ranger Station, part of Cibola National Forest. The tree ring dates indicate an occupation from the late 1100s to about 1425. The site is in a side canyon in the pass between the Sandia and Manzano Mountains and is accessible from both the Estancia Basin on the east and the Rio Grande Valley on the west. It has access to multiple biotic communities and thus a wide variety of plant and animal resources (Judge 1974:3).

Federal ownership has provided some measure of protection from looting. Several lawful excavations have occurred at and near the site; this report focuses on work done in the 1970s as part of six University of New Mexico (UNM) archaeological field schools directed by W. James Judge (1971–1973) and Linda S. Cordell (1974–1976). The field school sessions and the other excavations at Tijeras Pueblo (in 1948, 1968, and 1986) are summarized elsewhere (Schuyler 2011).

The objective of this study was to produce a room-by-room description of the results of the 1970s UNM field school excavations, using all available materials at the Maxwell Museum.

UNM Archaeological Field Schools

Judge began excavations at Tijeras Pueblo under a federal Antiquities Act permit issued by the US Forest Service on May 17, 1971 to the University of New Mexico (Judge 1974:4). From the beginning, the project used standardized field forms—at the time, still a new practice in Southwest archaeology. Judge seems to have felt that the use of field forms almost eliminated the need for student notebooks, but such notebooks were completed and retained (Judge 1974:27–29). This practice continued through the end of work at the site. Due to federal student privacy laws I will refer to student notebooks by their Maxwell Museum catalogue numbers rather than by the students' names.

The same basic excavation approach was used during all six UNM field schools. Fill was screened through 1/4 inch mesh, and at times through 1/16 inch mesh. Excavation proceeded in terms of grid units until a room was identified, at which point the grid controls were abandoned. Room stratigraphy was interpreted in “natural levels” including general fill, roof fall, floor levels, and subfloor levels. Once a floor was uncovered, a subfloor test pit was dug to determine the nature of the fill underneath the floor. A feature was defined as “any nonremovable artifact deemed to have sufficient interpretive value to merit separate recording.” During stratigraphic testing an “unbiased” 20 percent sample of material was removed for flotation analysis. Grid level forms were used. A rubber stamp was created and used to mark all artifact bags to ensure proper recording of artifact and provenience details. Judge developed coding definitions to identify the provenience of each bagged artifact or set of artifacts (Table B.1). This coding

scheme was utilized throughout the 1970s excavations, with some additions made in 1974 by Cordell. In this report, proveniences are described, followed by Judge's code in parentheses.

1971

The 1971 excavations were carried out from June 12 through July 23, under Judge's direction. The 30 students were directly supervised by a staff of five graduate students (a field supervisor, three graduate teaching assistants, and a photographer).

The main datum was set at the highest point of Block A (Figure 1.1) as designated by Mera, immediately east of the northeast corner of Room 7 (Judge 1974:25). The elevation of the main datum point is 6328.1 feet, which is the same as the elevation of the Ranger Station (Cat. No. 79.84.57). Sub-datums were then established as needed.

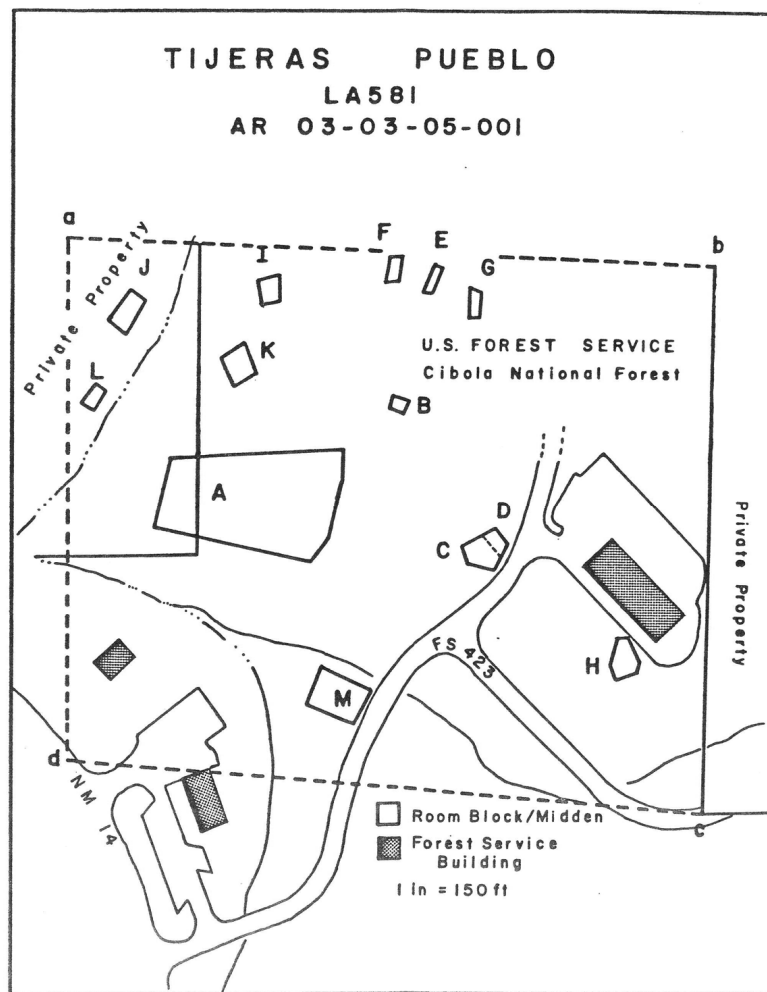


Figure 1.1. Sketch map of Tijeras Pueblo. From a copy found at Tijeras Ranger District, Cibola National Forest. See Judge (1974:6).

All measurements recorded at Tijeras Pueblo in the 1970s were in feet and inches; I made no attempt to convert the measurements to the metrics system. Depths were recorded in feet and tenths of feet below the local sub-datum (BSD) (Judge 1974:27).

A transit and 100 foot steel tape were used to establish a grid of 10 foot squares. The grid system was oriented 3.5 degrees east of true north and paralleled a fence line on the west edge of the Forest Service property. The standard grid unit was a 10 foot square, designated by the grid value for the corner closest to the main datum. The rebar at that corner became the sub-datum for the grid unit (Judge 1974:26). Thus, the grid designation and sub-datum location varied as follows:

NE quadrant: SW corner of unit
SE quadrant: NW corner of unit
SW quadrant: NE corner of unit
NW quadrant: SE corner of unit.

The first few days of the field school were spent making surface collections. Three areas in Mera's Block A and one area in his Block K were then excavated (Figure 1.1). The objective was to "define the basic parameters of the occupation" (Judge 1974:11) and to develop a plan for excavations in subsequent field seasons. Rooms 1–18 were then excavated.¹ Judge reported that Rooms 4, 5, 11–13, and 18 in Mera's Block K were completely excavated, but there is evidence of excavation work in later years in Rooms 9, 10, 14, and 17 (Table A.9).

The crew determined that the rooms in Block K were shallow and single-story, but that other rooms in the site had a second story. Several test trenches were also excavated. In the fall of that year, Judge had a student excavate Rooms 19–21.

Based on storage records for 37 boxes from 1971 (Cat. No. 93.16.15), 13 boxes were filled with material from the surface collections, four boxes held second surface level collections from grids, two boxes held the first level fill collections from grids, and 18 boxes held materials from rooms (and some additional grid items). Materials were stored from rooms 1–6, 8–14, 16, and 17; the student notebooks describe excavations yielding artifacts in Rooms 7 and 15.

Early reports indicated that the main structure contained about 125 rooms and that there were 10 to 12 outlying structures, each with five to 15 rooms (Judge 1974:1).

In 1971 a number of formats were developed to summarize excavation data for each room. These formats are referred to throughout the report as "field forms". Students were also provided with specific excavation instructions. These instructions, found in a variety of student notebooks, are listed in Appendix B along with descriptions of data recorded on field forms.

¹ Cordell [1977a:14] omits Room 17 from the list of rooms excavated in 1971, but there is evidence that the room was excavated in 1971 (Table A.9).

1972

The 1972 field season ran from June 12 through July 21, again under Judge's direction. The crew included a field supervisor, three graduate teaching assistants, a photographer, a full time laboratory supervisor, and 30 students. The objective for 1972 was to document the stratigraphic details of Mera's Block A. Exploratory excavations extended into the room block from its east, southeast, and south edges. Rooms 24–34 were excavated and the stratigraphy of the adjacent midden deposits were examined (Judge 1974:12–13).

1973

The 1973 field season ran from June 4 through July 20. Judge acted as the field supervisor as well as the project director, and was at the site almost full time. He was assisted by three graduate teaching assistants, a photographer, a surveyor/mapper, and a laboratory supervisor. The remainder of the field crew consisted of 41 students. This was the first year that data were stored on a computer.

The objective for 1973 was to obtain an adequate sample of the rooms in Mera's Block A.² The southeast portion of the main mound (Rooms 6, 9, 10, 14, 25, and 26) had been backfilled in 1972 to allow for future interpretation and were excluded from the sampling. The surface of the area to be sampled was stripped in the first two weeks of the field session to define and number about 100 rooms. The crew separated the rooms into Blocks for sampling. Block 2 was not included in the sample but appears to have been in an area of disturbance attributed to excavations in 1948. Thirty-seven rooms were excavated to at least the first floor level. Judge felt that this provided an unbiased sample of roughly half of the rooms in the main mound. Stratigraphic testing continued south of Rooms 28 and 31, and started northeast of Room 51 in grid 020N/020W (Judge 1974:13-16).

As of the conclusion of the field school, 100 rooms had been defined and numbered as part of Judge's 1971–1973 work. Of those rooms, 66 were excavated at least to the first floor level. More than 300 10 by 10 foot grids were excavated to various depths, some resulting in the definition of underlying rooms. A midden was identified below Room 100.

Judge's research approach mirrored his interest in population changes in the Rio Grande Valley over time (Judge 1974:22). His excavations were designed to study the natural stratigraphy in middens and trash-filled rooms, to track variation in use and remodeling of rooms, and to attribute detailed proveniences to all artifacts (Judge 1974:23–24).

² As the years went by, room blocks originally identified by Mera were re-defined in different ways. It is sometimes difficult to follow a block designation through time, and this study uses the term "block" only when referring to the relative positions of rooms on maps.

1974

In 1974, Linda Cordell took over the UNM field school sessions at Tijeras Pueblo, under a permit extending through 1976. The 1974 field season lasted from June 10 through July 26. Her first year efforts included excavations at Tijeras Pueblo and a survey in the lower part of Tijeras Canyon west of the excavation site (Cat. No. 79.84.134). Cordell both directed and supervised the fieldwork, as she did the following two years. The 1974 crew included two teaching assistants for the excavation, a third teaching assistant responsible for the survey, a photographer/mapper, a laboratory supervisor, and 40 students. A Forest Service employee was responsible for data analysis (Cat. No. 79.84.134). The survey (eventually, 5 square miles) was conducted by crews of eight students (plus the teaching assistant), each crew rotating from the excavation to the survey for one week (Cordell 1975:13–14). The crews walked the survey area in 50 foot transects. The survey results are discussed in Appendix E of Cordell's 1975 report (Blevins 1975:69–87).

The 1974 objective was to delimit the chronology and occupational history of the site, including sampling trash deposits, exposing stratigraphic profiles, and completing the excavation of Room 64 (Cordell 1975:1–3). Work continued in 10 previously excavated rooms (1, 55, 57, 60, 62, 66, 69, 79, 88, and 90) via excavation of 3 by 3 foot test pits until bedrock was reached. Additional excavations below the “glaze-masonry” occupation levels were conducted between grid lines 100 and 160 East and from 010 North to 060 South. This area was “downhill” and subject to much erosion (Cordell 1975:3–5).

A road grader borrowed from the Bernalillo County Highway Department was used to excavate below two already excavated rooms (42, 47). Below this grader cut, 0.4 foot of “overburden” was removed to reveal rooms 101 and 103–105 (Cordell 1975:5).

1975

The 1975 field school lasted from June 9 through July 24. Cordell's field school and survey staff included a survey teaching assistant, two other teaching assistants, one person as mapper/photographer, two lab teaching assistants and the Forest Service employee (who worked on the survey and as a computer consultant). Two additional staff members performed faunal analysis, one analyzed pottery, and another analyzed room data. Thirty-five students attended the field school (Cordell 1977a:15).

Excavation methods continued to include extensive trash samples, collecting all faunal, “floating” 20 percent of trash deposits, and the collection of soil and pollen samples from trash, room floors, and features.

Mechanical removal of overlying rooms was undertaken in the north-central area which had been disturbed during the 1948 excavation. A north-south trench, measuring 50 by 15 feet, was cut between grids 040E–055E and 030S–020N. This exposed the walls of Rooms 111–116 and 120.

Attempts were made to excavate around Mera's Mound I (the letter, not the Roman numeral; see Figure 1.1), leading to the identification of a "great kiva" measuring 45 feet in diameter. The double coursed masonry walls were about 1.7 feet thick (Cordell 1977a:25). A possible floor was exposed 4 feet below the surface, as a clay surface with burned areas. Fragments of wood from the "great kiva" were sent to the Tree Ring Laboratory at University of Arizona. A few sherds were recovered.

A road grader again made a blade cut to facilitate room excavations (Burtchard, in Cordell 1977a:82). The cut was located in the northeast section of Mera's Mound A, near Rooms 111 and 112 at grid position 040S-050E (Cat. No. 79.84.200).

By this time, Mera's Mound H (Figure 1.1), excavated in 1968, was covered over by a warehouse (Cordell 1977a:24).

1976

The final UNM field school at Tijeras Pueblo lasted from June 7 through July 23 and trained 35 students. Cordell's staff included three teaching assistants (one to supervise lithic analysis, one for the ceramic analysis, the third for the faunal analysis), a biological anthropology graduate student who recovered human osteological remains or supervised their removal, a person who reorganized the field school's computer recording system, a person who ran the project laboratory back on campus, a mapper/photographer, and an anthropology graduate student who planned and coordinated a 15 minute documentary movie on the excavation, produced by the Forest Service and UNM (Cordell 1977b:170, 173). The 1976 movie was later converted to a digital format and is curated by the Maxwell Museum archives.

Major goals for 1976 included determining the limits of the occupation, excavating as many rooms in Mera's Mound A (Figure 1.1) as possible, determining the extent of an outlying room block and excavating it, and sampling trash deposits related to what Cordell thought was the early period of occupation (Cordell 1977b:175).

Over two days, the project conducted limited subsurface mapping of the "great kiva" using soil resistivity. One of the teaching assistants (a Ph.D. student in anthropology with a geology emphasis) supervised the work, using equipment from UNM's geology department Dept (Cordell 1977b:191). A single wood sample from the burned floor of the "great kiva" yielded a date of AD 1313vv (not cutting) (Cordell 1977b:192).

Cordell indicated that Room 127 was a two story room (Cordell 1977b:186).

Methodology for the Current Study

Sources

Unpublished Written Sources

I began this project by reading and reviewing available written sources in the Maxwell Museum archives and collections. These materials included field forms, student notebooks, artifact records, photographs, maps, and documents prepared by Judge and Cordell.

The excavations relied on multiple types of field forms. A “room data sheet,” completed for most excavated rooms, provides basic measurements and descriptive information. It is the most comprehensive excavation form for a given UNM field school season. I assumed that the information on room data sheets was prepared and reviewed by more experienced members of the excavation team. Additional field forms provide specific measurements and descriptions with diagrams or sketches. “Grid level records” provide details recorded at a specific level (first floor, first level fill below the first floor, etc.). “Feature forms” provide details recorded for specific features. “Artifact/photo serial records” and “artifact analysis forms” include descriptions of pottery, stone artifacts, and faunal remains, and “lab forms” record and often list each item. Some typed notes from notebooks also appear in folders of field forms.

Artifacts and other samples were documented by examining those field forms as well as student notebooks and the Maxwell Museum collections. The museum’s archives contain specimen cards detailing individual artifacts but given my emphasis on room descriptions, those cards were not examined.

I created two major derivative documents, “Rooms” for notes on room excavations and “Grids” for notes on grid excavations, from the standardized field forms and student notebooks completed during the UNM archaeological field schools. Field forms and student notebooks are identified by Maxwell Museum catalogue numbers throughout this report. The resulting Word documents are curated by the Maxwell Museum. “Rooms” is organized by entry (from field forms and student notebooks) within date within room number. Similarly, “Grids” is organized by entry (from student notebooks) within date within grid unit, the last ordered from North to South and then East through West. Grid unit data from field forms were not included in this study, as those data appeared to duplicate the information in student notebooks. The “Rooms” and “Grids” documents also include information from Judge and Cordell’s publications and field notes.

“Rooms” is the basic document I used to summarize excavations of individual rooms. The only structure whose summary is based on the “Grids” document is the “great kiva.” Both documents (“Rooms” and “Grids”) indicate the many discrepancies found in field forms as well as in student notebooks.

I then wrote individual descriptions of each room and the “great kiva.” Each room description indicates what I thought to be important information found in field forms and notebooks. Tables were used as often as possible to summarize data, and to identify data from either field forms or

student notebooks that seemed to be unique or to represent a data inconsistency. I tried to avoid multiple listings of the same data, and assumed that data from field forms had been reviewed more carefully than that from notebooks and therefore was more accurate. Most of my sources for the individual descriptions are identified in terms of Maxwell Museum catalogue numbers. Future researchers who need to examine the actual sources will find that “Rooms” and “Grids” provide the best path to each source, as they include my actual notes from the original sources which are identified by date and catalogue number. I apologize in advance for any typographical errors.

Artifacts in the Maxwell Museum Collections

David Phillips suggested that I include a table identifying the nature of artifacts found in each level of each room. Proveniences recorded in the existing electronic catalogue (Excel spreadsheet) did not always specify the “level” of excavation, due to incomplete information. My efforts to correct that deficiency included looking at the original excavator documentation stored with the artifacts (originally written on the paper bags used in the field) to locate more specific level information, and updating provenience information in the spreadsheet catalogue where possible. For each excavated room that yielded artifacts, the room description includes a table identifying the type of artifacts found by excavation level (based on the artifacts currently at the Maxwell Museum). The Excel spreadsheet is curated by the Maxwell Museum.

Photographs

Table A.1 lists the photographs, slides, and contact sheets in the Maxwell Museum archives. In some instances, there are explanations of what is shown in the photo, in others just a note on the provenience. Most of the photographs are catalogued (many are duplicates). Photographs are included in this report as needed to clarify or confirm room descriptions.

Maps

The work at Tijeras Pueblo led to the creation of dozens of maps on paper and Mylar, as well as large negatives (these last for offset printing). Most are catalogued; many are duplicates. Happily, most were dated by the creators, making it easier to interpret the results of excavations that spanned six years. The maps mostly show plan views, but profiles are provided for selected rooms.

I began working with the maps created in 1976 and worked back to 1971 to gain a sense of the site at the end of each field season. Tables A.2–A.5 identify the maps I used to provide views of sections of the site, or to focus on particular rooms in the room descriptions. Portions of maps are included as needed to clarify the descriptions.

Some rooms are identified in field forms or student notebooks but do not appear on maps. Some excavations identified as rooms on maps, but later redefined as not being rooms, have retained the “room” designation on maps (and artifacts at the Maxwell Museum are marked with a “room” provenience). These discrepancies make it difficult to come up with an accurate count of rooms excavated at Tijeras Pueblo in the 1970s.

Linda Cordell provided me with additional maps for my study of jewelry from Tijeras Pueblo (Schuyler 2011). The maps were prepared by Nicholas Damp and Glenda Deyloff, using GIS. One of those maps, reproduced here as Figure 1.2, provides an overview of the site and excavations. Again, this report addresses only the excavations in the 1970s, including rooms in Blocks 1-6 and 8 and the “great kiva” (the circular structure at the top of the map).

Figures 1.3 and 1.4 show numbered rooms. Figures 1.2 and 1.3 also indicate two construction periods posited by Cordell and identify rooms lacking tree ring dates. Figure 1.4 shows several lower level rooms.

There are discrepancies between maps in the Maxwell Museum archives and Figures 1.3 and 1.4. An effort has been made to present maps in each chapter that identify all of the rooms discussed in the chapter based on all available information.

Judge and Cordell Publications

Judge and Cordell each published reports of their excavations at Tijeras Pueblo for the USDA Forest Service (Southwest Region, Albuquerque) and wrote some of the notes in the archives. Judge also produced a field notebook (Cat. No. 93.16.10) now in the archives. For many years, Cordell’s edited volume on the site, *Tijeras Canyon, Analyses of the Past* (1980) was the standard reference on the site, and the only one consulted by most archaeologists.

Room Identifications

Figure 1.2 includes 139 “rooms.” Based on my research, at least one additional room is identified in the project records (Room 97) and another yielded artifacts now in the collection (Room 22). As many as five “rooms” (Nos. 44, 49, 95, 99, and 125) may not be rooms at all. Other identified rooms were not excavated.

It seems safe to say that between 135 and 140 rooms were identified at Tijeras in the 1970s (not counting the “great kiva,” which was not assigned a room number). Maps depicting each identified “room” are found in Table A.2.

Preparation of Room Descriptions and Organization of the Report

Each room is described individually. The level of detail provided is directly related to the quantity and quality of the available information. Many rooms were excavated over more than one field season, many under the direction of both Judge and Cordell. The room numbers are not sequential by room block, instead reflecting the order of discovery.

Room descriptions are organized into chapters based on their location at the site, beginning with the northeast section of the horseshoe-shaped main area (Blocks 1–5) and proceeding west, south, and east around the horseshoe. Blocks 6 and 8 and the “great kiva” follow.

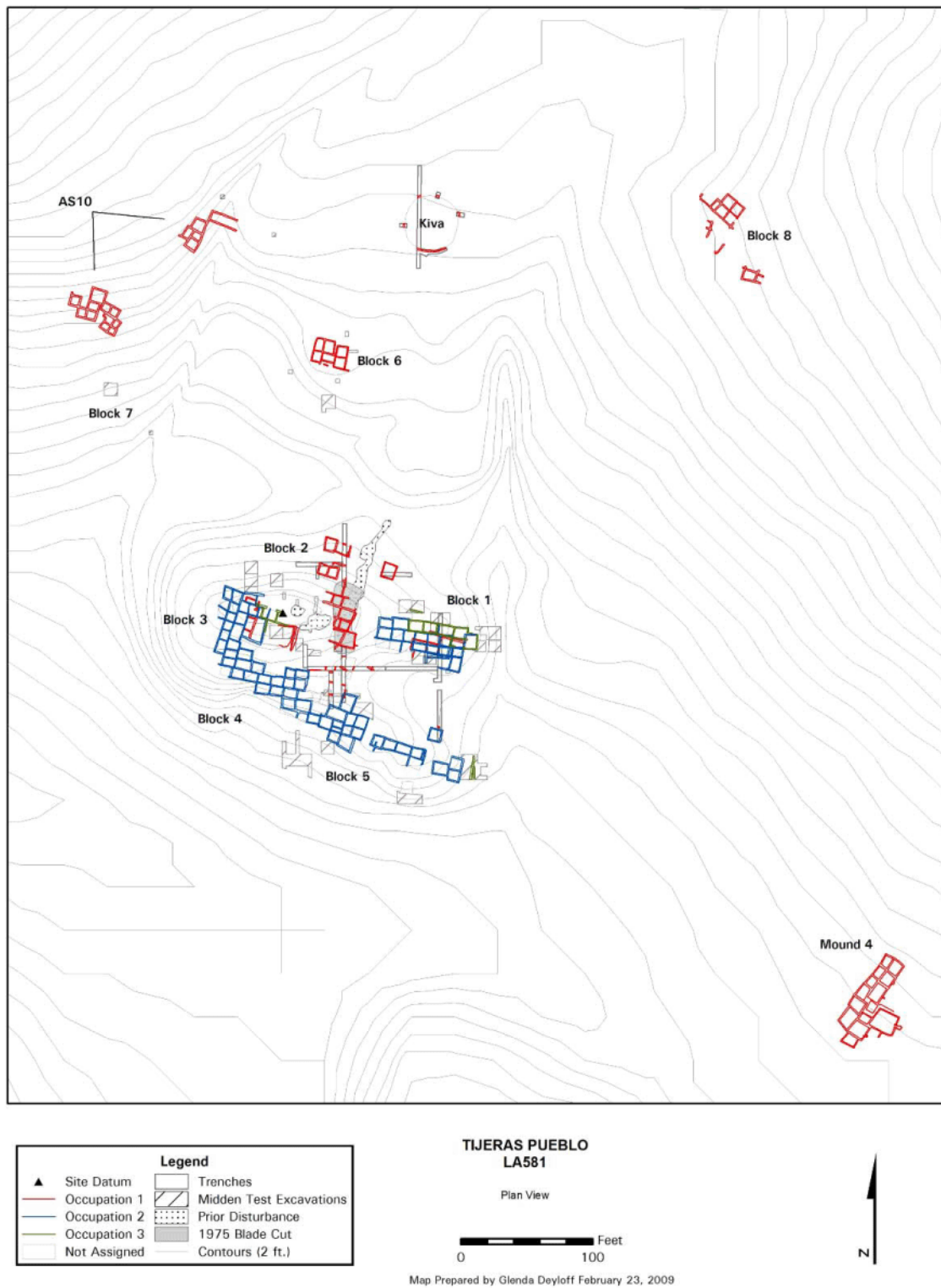


Figure 1.2. Map of Tijeras Pueblo excavations. Prepared by Glenda Deyloff; courtesy Linda S. Cordell.

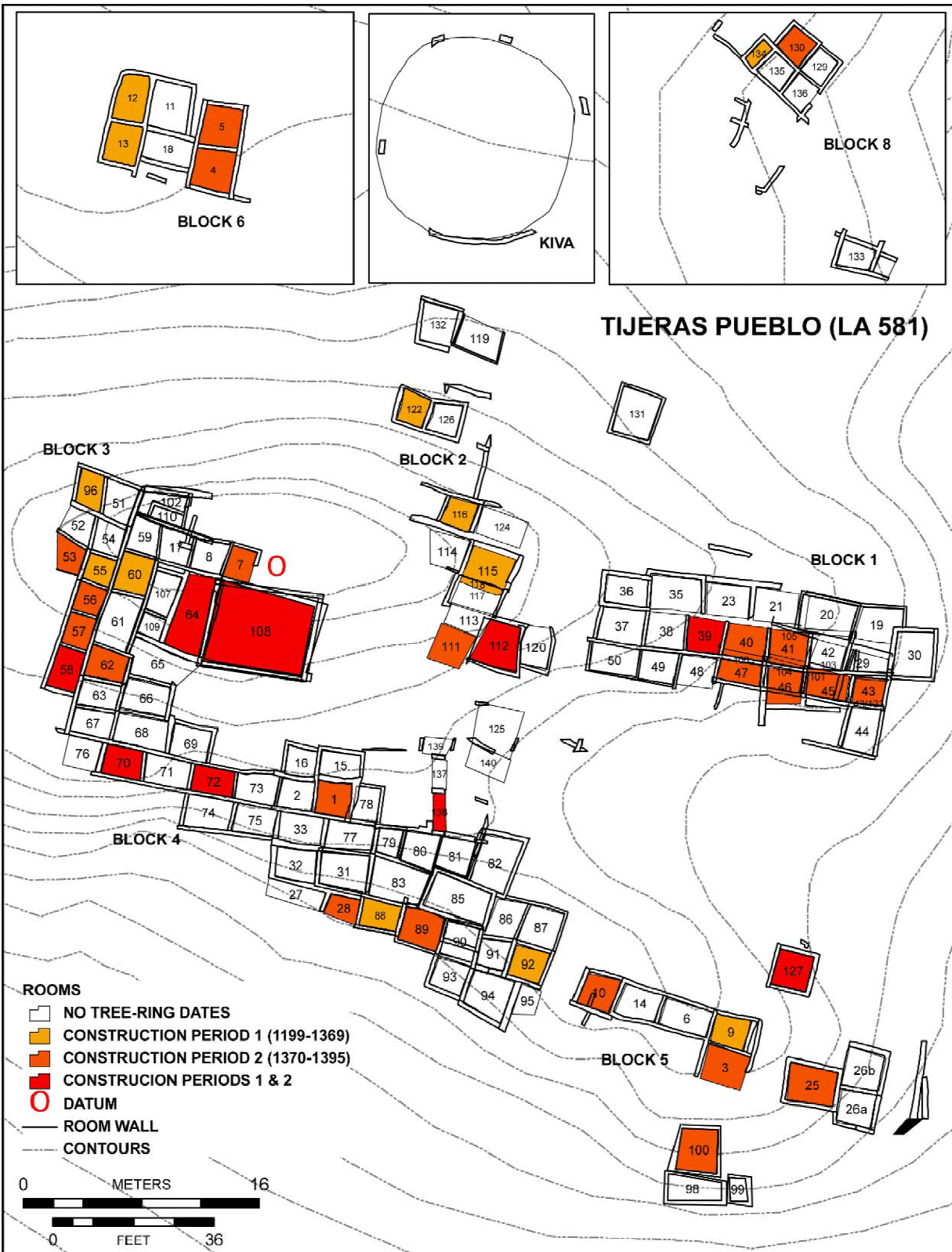


Figure 1.3. Areas excavated in the 1970s. Prepared by Nicholas E. Damp; courtesy Linda S. Cordell.

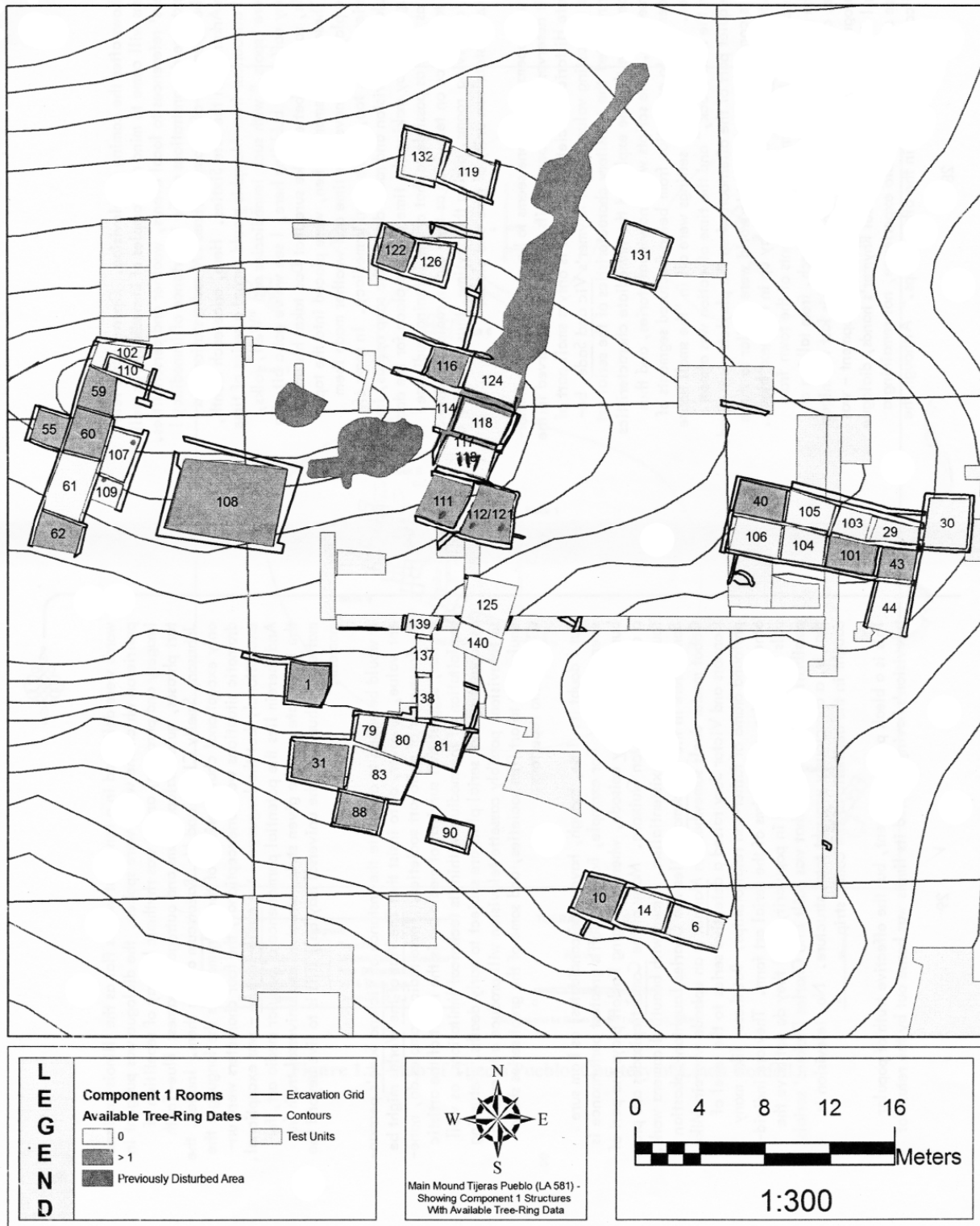


Figure 1.4. Map showing lower level rooms. Prepared by Nicholas E. Damp; courtesy Linda S. Cordell.

Table 1.1 identifies the rooms in each chapter of Part 1 of this report. Each subsequent part of the report will include a similar table for rooms included in that part.

Table 1.1. Rooms Discussed by Chapter.

Chapter	Rooms
2	30, 34
3	24, 29
4	45, 46, 101
5	47, 106
6	19–21, 23
7	36, 38–44, 49, 105
8	Incompletely documented: 22, 35, 37, 48, 50, 103, 104

Each chapter includes at least one map of the rooms discussed in the chapter. 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. Rooms within a block for which there is minimal information are also described in one chapter for each block. Block 7 is not included in this report, as it refers to rooms excavated during 1986 fieldwork and not part of the 1970s UNM field schools.

A template was developed to describe individual room excavations and include information from all available sources. Excavation findings are reported for each year of excavation in the room. I used tables to summarize findings by excavation levels.

To minimize redundancy, student notebook findings that repeat those reported in the field forms were not included. I do refer to the student notebooks if they reveal a discrepancy or contain information not in the field forms. I assume that the completed field forms underwent some sort of review and are therefore more accurate, while the student notebooks rarely show signs of being updated or corrected.

Artifacts, photographs, and maps are discussed if they are in the Maxwell Museum collections.

Prior to identification of an excavation area as a room, some artifacts and other samples were collected using grid-based proveniences. No attempt was made to relate such collections to rooms, since it is not possible to determine whether an individual item was found inside or outside a given room. Also, discrepancies abound between lists of items in student notebooks, field forms, and collections metadata. The room descriptions include artifact tables that identify the types of artifacts found, along with as much detail on proveniences as possible, but I do not provide artifact counts. Such tables do not identify the year the items were excavated, although in some cases that information can be extrapolated from the level in which they were found.

The final chapter in the report will provide a summary of the 1970s excavations.

The tables in Appendix A provide summary information designed to assist researchers in aggregating information across rooms, available source material, and excavation field seasons, including the photographs, maps, burials, tree ring dates, source materials and metadata for each room. In the room description chapters I qualified statements about room functions with “possibly” or “probably” as needed, but the tables in Appendix A simply list functions as though they were certain. Also, when I found conflicting values (for example, for a sub-datum) and could not determine which value is correct, I included all of the values I found. The narrative in Appendix A explains the assumptions for each table.

Appendix B provides details about the entry fields on field forms and the excavation instructions given to students during the 1971–1976 UNM field schools.

Chapter 2

ROOMS 34 AND 30

Rooms 34 and 30, in Room Block 1, were both excavated in 1972. Excavation in Room 30 continued in 1974. Figure 2.1 shows the rooms' locations in the larger room block. Figure 2.2 shows the room plans and profiles. As is explained in Chapter 1, the information provided is closely tied to the sources (such as room data sheets) from which it was derived.

Room 34

1972 Excavations

James Judge led the 1972 excavations that identified this room. Two student notebooks (Cat. Nos. 79.84.68 and .81) describe work in the room from July 13 through July 19.

Data from Field Forms (Cat. No. 81.25.29)

Grid Level Records. The sub-datum values for the unit were 010S/140E, 11.28 feet BD.

A form for the third level of fill (2C) identifies the floor as only a remnant.

A form for the first level of fill below the first floor (5A) includes two diagrams. The first shows a 0.1 foot thick red adobe floor, over brown fill, which is over a red "mat." The second diagram shows limestone rock buried in a wall that drops to the red mat, along with the room's masonry south wall (abutting Room 30's adobe north wall).

Observations from Notebooks

The room was identified in grids 000S/140E and 010S/140E, with masonry walls filled with "chocolate" adobe. A floor sloped down from west to east and from south to north (Cat. No. 79.84.68).

Room 34's south wall abutted the north wall of room 30 (Cat. No. 79.84.81). The same notebook mentions that the room's west and north walls were identified, along with a red "adobe mat" below the floor that made up the entire ground level of the room. A diagram (Cat. No. 79.84.81) identifies the red "mat" as derived from the decay of Room 30's walls.

The students stripped off the first floor (4A) and the fill down to the red mat and designated it all as the first level of fill below the first floor (5A). One student (Cat. No. 79.84.81) mentioned that this level (5A) corresponded to the second level of fill (2B) in grid 010S/140E, where the red mat had already been uncovered. The implication is that at least some items from 4A and 5A may have been recorded as found in level 5A.

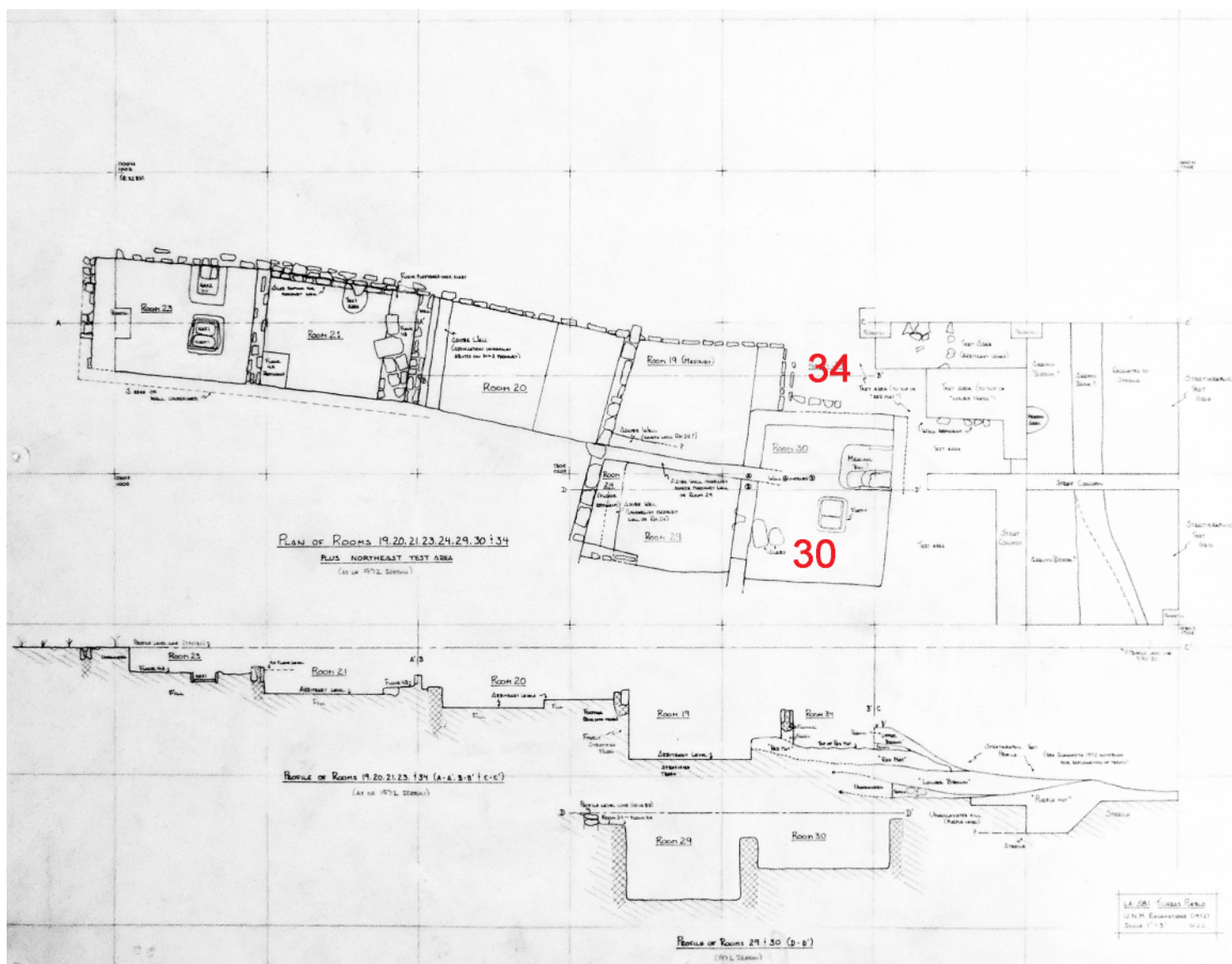


Figure 2.1. Locations of Rooms 34 and 30 within Room Block 1. Source drawing: Cat. No. 2005.25.15194.

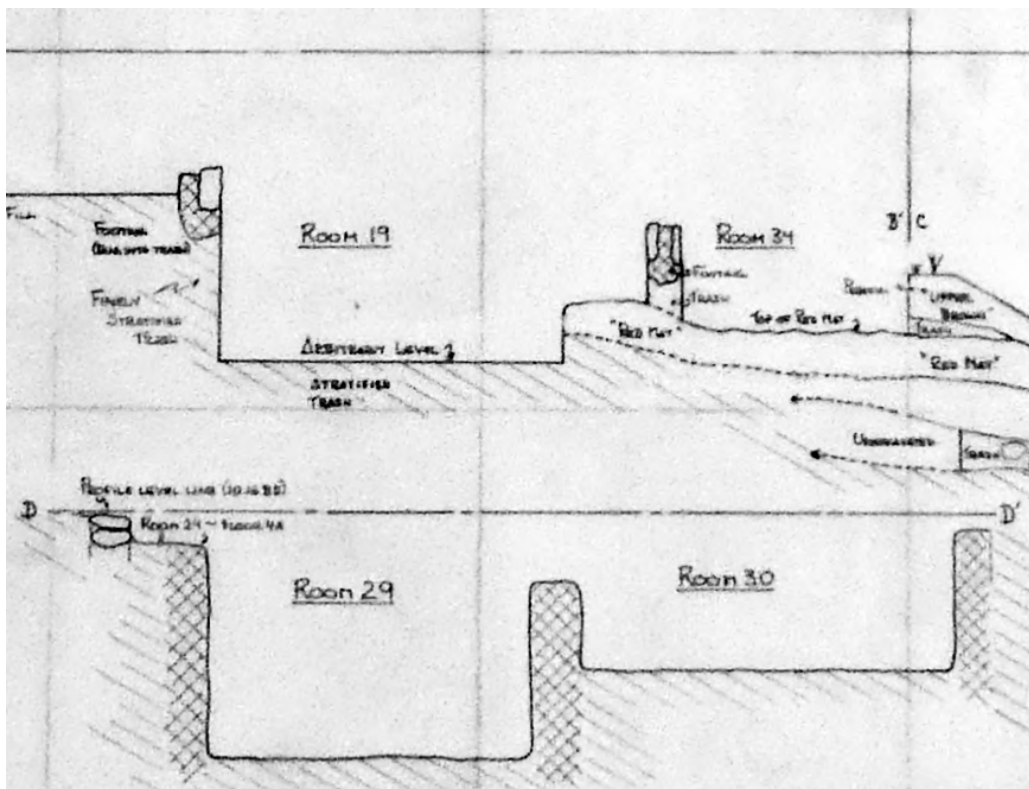
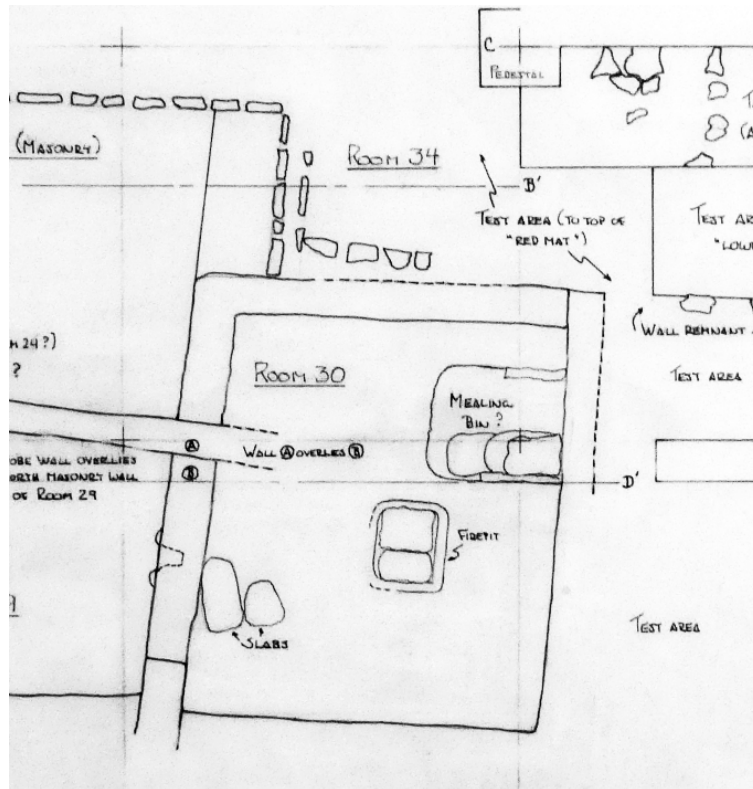


Figure 2.2. Plan and profiles of Rooms 34 and 30. Source drawing: Cat. No. 2005.25.15194.

The room was backfilled on the last excavation day of the season (Cat. No. 79.84.68).

Summary of Excavations by Level

Table 2.1 summarizes the excavations by level.

Table 2.1. Room 34, 1972 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1A – 1 st surface level		Cat. No. 79.84.81
2A – 1 st level fill		Cat. No. 79.84.81
2B – 2 nd level fill		Cat. No. 79.84.81
2C – 3 rd level fill	Later identified as 4A.	Rock fall covered floor (Cat. No. 79.84.68).
2D – 4 th level fill		Cat. No. 79.84.81
4A – 1 st floor	Located at 2.55 feet BSD, matrix of thin layer of brown fill, made of red adobe. Slight ash and charcoal layer above floor.	Visible against the room's south and west walls (Cat. No. 79.84.68).
5A – 1 st level fill below 4A	Matrix of brown fill.	

Artifacts, Photographs, and Maps in the Collections

Table 2.2 summarizes the artifacts in the Maxwell Museum collections. The museum archives include three photographs of Room 34 (Table A.1). Room 34 is shown on maps created in 1972 and 1973 (Table A.2).

Table 2.2. Room 34, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Soil	Pollen	Artifacts/ Other
1A	x					
2A	x					
2B	x					
2C	x					
2D	x					
4A				x	x	
5A	x	x	x	x	x	x*
*Includes the following items: obsidian points and vegetal material.						

Room 30

1972 Excavations

James Judge led the 1972 excavation that identified this room. Five student notebooks (Cat. Nos. 79.84.66, .68, .76, .81, and .88) in the Maxwell Museum archives describe work in the room from July 5 through July 20.

Data from Field Forms (Cat. No. 79.84.10)

Room Data Sheet. The sub-datum values for this room are 020S/140E, 11.15 feet BD. Room 30 was described as most likely used as a kitchen. The brown room fill was mixed with adobe and some ash.

The room had two floors. The first floor (4A) was described as a possible use surface in part of the room. No detailed information was provided. An adobe hearth (F1) and slab mealing bin (F3) were associated with the second floor (4B).

Depths of the four corners of the room were recorded as 3.7 feet BSD for the northeast corner, 4.0 feet BSD for the southeast corner, 3.8 feet BSD for the southwest corner, and 3.85 feet BSD for the northwest corner. Table 2.3 provides the inside measurements of the four walls.

Table 2.3. Room 30, 1972 Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	9.1	2.8	0.8	Brown adobe
East	10.1	1.0	1.5	Red adobe
South	9.1	3.3	1.2	Brown adobe
West	11.1	3.5	1.35	Red and brown adobe

Grid Level Records. The form for the third level of fill (2C) identifies it as a possible use surface, but not a floor.

The form for the second level of fill below the first floor (5B) includes a diagram showing the second floor (4B) with wall slump adjacent to the room's adobe south wall.

The form for the third level of fill below the first floor (5C) includes a diagram that shows the adobe-rimmed, stone slab fire pit feature (F1) in the room's northeast corner, with the second floor (4B) visible in the room's northwest quadrant. The form also indicates that the second floor (4B) seemed to extend across the whole room. Another record for the same level (5C) shows the second floor (4B) and three features: F1 (an adobe-rimmed stone slab fire pit in the room's northeast quadrant), F2 (an adobe hearth fallen from the roof, near the room's east wall), and F3 (a mealing bin in the room's northeast corner).

Feature Forms. A form for F1 describes the adobe-rimmed, stone-lined fire pit located 11.51 feet BD, 3.8 feet BSD, at grid position 021.9S/147.8E. The fire pit measured 2 by 1.7 feet by 0.45 foot deep. A note states that an adobe hearth from the roof had fallen onto the floor beside this fire pit.

A form for F2 describes the adobe hearth fallen from the roof onto the floor. F2 was found at 11.51 feet BD, 2.3 feet BSD. It measured 2 by 1.7 feet and was 1.7 feet tall. The fill consisted of a pile of burned adobe, adobe, charcoal, and ash.

A form for F3 describes a mealing bin located 11.51 feet BD, 3.5 feet BSD. F3 measured 3 by 3.4 feet and was 1.1 feet deep, with fill of adobe in brown dirt. An associated diagram shows F3 as a U-shaped adobe wall for the mealing bin, which ended at the room's east wall.

A room form places Room 30 at 11.51 feet BD/4.0 feet BSD in grid 020S/140E. The room measured 10.4 by 9 feet, with vertical dimensions of 3.8 feet BSD (southwest corner), 4.0 feet BSD (southeast corner), 3.85 feet BSD (northwest corner), 3.7 feet BSD (northeast corner), and 4.0 feet BSD (center of room). An adobe hearth (F1) and a slab mealing bin (F3) were associated with the second floor (4B). An adobe hearth (F2) from the room roof had fallen onto the second floor.

Although a Room Data Sheet, a Feature Form, and an Artifact/Photo Serial Record for the second floor (4B) show the sub-datum as 11.15 feet BD, all other field forms show the sub-datum as 11.51 feet BD.

Observations from Notebooks

The room was identified in grids 010S/140-150E when the crew found adobe and masonry walls (Cat. No. 79.84.81).

In the first level of fill below the first floor (5A), the crew began using the “Arroyo Hondo” approach; taking down half of the room (in this case, the north half) to determine whether the room was worth excavating—and if so, excavating the second (south) half in “natural” levels (strata) (Cat. Nos. 79.84.76, .88).

In the third level of fill below the first floor (5C), the students found an adobe-rimmed, slab-lined fire pit (Cat. No. 79.84.66). The rim was red adobe (Cat. No. 79.84.76). The fire pit was filled with ash. It was located at grid position 017.7S/142.1E, 3.9 feet BSD, against the center of the room's east wall (Cat. No. 79.84.88). Although the students discovered the fire pit in the north half of the room, they noted that it extended into the south half of the room (which had not yet been excavated) (Cat. No. 79.84.88).

At the second floor level (4B), the south wall was described as chocolate-colored adobe, and the east wall as pink adobe (Cat. No. 79.84.81).

One notebook states that the fallen adobe hearth (F2) was “excavated off” and not included in the final room records, and that the mealing bin (F3) was adobe-rimmed, with two large slabs and a slab and adobe lined bottom (Cat. No. 79.84.88).

At the end of the season, the second floor (4B) was covered with plastic and covered with back dirt (Cat. No. 79.84.81).

Summary of Excavations by Level

Table 2.4 summarizes the excavations by level.

Table 2.4. Room 30, 1972 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2C – 3 rd level fill	Located 11.51 feet BD/3.1 feet BSD. Matrix of gray adobe, brown dirt. North and west walls were visible.	
4A – 1 st floor	Located 3.1 feet BSD.	Removed surface in the room’s northwest portion (Cat. No. 79.84.88).
5A – 1 st level fill below 4A	Located 11.51 feet BD/2.85 feet BSD. Matrix of brown dirt often mixed with adobe chunks.	West wall was visible, on a slant (Cat. No. 79.84.66). Removed part of level (Cat. No. 79.84.88).
5B – 2 nd level fill below 4A	Located in the north half of the room, 11.51 feet BD/3.7 feet BSD. Matrix of brown dirt with lots of adobe chunks, bits of charcoal.	A 6 inch level in north half of room (Cat. No. 79.84.76). Removed the level in the south half of the room (Cat. No. 79.84.88).
5C – 3 rd level fill below 4A	Located south and east corner of wall 11.51 feet BD. Matrix of brown dirt with bits of adobe, charcoal, ash.	Found floor in north half of room (Cat. No. 79.84.76). Matrix of brown soil with adobe chunks, some charcoal (Cat. No. 79.84.66). Removed level in south half of room (Cat. No. 79.84.76).
4B – 2 nd floor	Located at 4.0 feet BSD, 0.25 foot thick, made of adobe.	

1974 Summary of Judge Excavations

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

The form assigned Catalogue No. 79.84.278A describes Room 30 as a habitation/food processing room in grid unit 010S/040E. Levels dug included the second and third levels of fill (2B, 2C), the first and second floors (4A, 4B), and three levels of fill below the first floor (5A, 5B, 5C), to a depth of 4.0 feet BSD.

The form described the adobe first floor (4A) as possibly not a floor, rather a use surface, that measured 10.1 by 9.1 feet at a depth of 3.1 feet. The adobe second floor, at a depth of 4.0 feet, also measured 10.1 by 9.1 feet; this floor had associated features (a hearth and a mealing bin).

1974 Excavations

Linda Cordell continued the excavation of Room 30 in 1974. Six student notebooks (Cat. Nos. 79.84.132, .145, .148, and .149; 93.16.13 and .14) describe work in the room from July 16 through July 24.

Data from Field Forms (Cat. Nos. 78.84.22)

Room Data Sheet. This form provides sub-datum values for this room of 030S/140E, 12.33 feet BD. Room 30 is identified as a habitation room. It was completely excavated; a subfloor test (Test Pit 2 or T2) reached sterile soil at 18.78 feet BD. A hearth/fire pit (F1) was located in the center of the room, and a bin (F2) was found near the north wall in the room's northeast quadrant. Both F1 and F2 were associated with the room's second floor (4B).

Wall heights were irregular (Table 2.5). Depths of the three corners of the room were recorded as 16.33 feet BD (northeast corner), 16.18 feet BD (southeast corner), 16.03 feet BD (southwest corner), and 16.08 feet BD (northwest corner).

Table 2.5. Room 30, 1974 Wall Measurements and Materials.

	Length (ft)	Height (ft)	Material
North	8.5	1.8-2.65*	Adobe
East	10.3	1.6-1.1**	Adobe
South	8.9	1.15-2.6*	Adobe
West	9.8	2.55-3.52**	Adobe
*East-west; **North-south			

Grid Level Records. This form, for the second floor (4B), shows a test pit in the room's southwest corner.

Feature Forms. A form for the hearth (F1) locates it on the second floor (4B) at 16.28 feet BD, 0.25 foot below the surface, at grid position 021.7–023.3S/145.5–146.8E. The hearth measured 1.5 feet east-west and 1.6 feet north-south. It extended from 16.28 to 16.53 feet BD and was filled with ash, charcoal, and adobe chunks. The students found ash layers directly east of the hearth. The hearth was surrounded by a ring of burned adobe and its bottom was lined with hard adobe slabs.

The possible mealing bin (F2) was also found on the second floor (4B) at 16.28 feet BD, 0.05 foot below the surface, at grid position 017.3–020.8S/146.3–147.5E, with slabs resting on the surface. The feature measured 3.5 by 1.2 feet across and extended from 0.8 foot above to 0.05

foot below the surface, and was just north of the hearth (F1). The slabs were slightly sunken. The rims were plastered with adobe, and the plastering extended to the base of a vertical slab.

Observations from Notebooks

The sub-datum for the unit was at 030S/140E (Cat. No. 79.84.145).

A 3 by 3 foot subfloor test was dug in the room's southwest corner and located the second floor (4B) (Cat. No. 79.84.145).

The students found the hearth in the center of the room, on the second floor (4B) (Cat. No. 93.16.14). One notebook (Cat No. 79.84.132) reported a number of wall measurements (Table 2.6) at the level of the second floor (4B) and grid positions for the corners: northwest at 016.9S/142.5E, northeast at 017.4S/151.45E, southwest at 026.7S/141.5E, and southeast at 027.5S/150.4E.

Table 2.6. Room 30, Wall Measurements at the Second Floor (4B).

Wall	Length (ft)	Thickness (ft)
North	8.95	1.1
East	10.3	0.9
South	8.9	
West	9.8	1.0

The mealing bin (F2), associated with the second floor (4B), was located at the north wall, including a vertical slab and two floor slabs with plastered rims (Cat. No. 79.84.145).

A notebook (Cat. No. 79.84.145) described the hearth (F1) associated with the second floor (4B) as having a bottom of hard burned "brick," a lip of burned adobe circling the hearth, and several thick layers of ash lying beside it to the east.

To explore below the second floor (4B), a sub floor test (T2) was dug in the room's southwest corner; the south wall ended 16.53 feet BD and the west wall ended 17.93 feet BD (Cat. No. 79.84.132).

On the last day of the field season, the second floor was covered with plastic and backfilled (Cat. No. 79.84.145).

Summary of Excavations by Level

The student notebooks include some confusion about the depths of various levels (Table 2.7). Table 2.8 indicates corrections made to student notebook entries.

Table 2.7. Room 30, 1974 Excavated Levels.

Level	From the Field Forms	From the Notebooks
4A – 1 st floor		Located at 15.93–16.28 feet BD, 0.04 foot thick (Cat. No. 79.84.132).
5A – 1 st level fill below 4A	Located at 15.43–15.93 feet BD, matrix of chunky adobe with charcoal bits.	Located at 16.43–16.93 feet, fill of hard adobe (Cat. No. 79.84.148). Located at 14.09–14.59 feet BD (Cat. No. 93.16.13). Located at 15.43–15.93 feet BD, matrix of soft fill (Cat. No. 79.84.132, .145).
5B – 2 nd level fill below 4A		Located at 14.59–14.94 feet BD (Cat. No. 93.16.13).
4B – 2 nd floor	Located at 15.93–16.28 feet BD, in soft matrix with adobe wash on the floor.	Loose fill and adobe chunks (Cat. No. 79.84.148). Located at 14.59–14.94 feet BD (Cat. No. 93.16.13). Located 0.85 foot below 4A, matrix of some trash, soft fill, clayey (Cat. Nos. 79.84.132, .145). Matrix soft with charcoal and vegetal remains (Cat. No. 79.84.132).
6A-T2 – 1 st level fill below 4B in Test Pit 2		Located at 16.28–16.78 feet BD, matrix of adobe chunks from 4B and soft fill, with ash layer at 16.78 feet BD (Cat. No. 79.84.132).
6B-T2 – 2 nd level fill below 4B in Test Pit 2		Located at 16.78–17.28 feet BD, matrix of soft fill, 0.05 foot ash layer found at 17.13 feet BD (Cat. No. 79.84.132).
6C-T2 – 3 rd level fill below 4B in Test Pit 2		Located at 17.28–17.78 feet BD, matrix of loose fill, clay, some charcoal (Cat. No. 79.84.132).
6D-T2 – 4 th level fill below 4B in Test Pit 2		Located at 17.78–18.28 feet BD with ash layer at 17.88 feet BD, matrix of soft fill with some clay and charcoal (Cat. No. 79.84.132).
6E-T2 – 5 th level fill below 4B in Test Pit 2		Located at 18.28–18.78 feet BD, matrix of soft clay fill of red-brown color, some charcoal (Cat. No. 79.84.132).
6F-T2 – 6 th level fill below 4B in Test Pit 2	Fill of soft clay, sterile at 18.78 feet BD.	Located at 18.78–19.28 feet BD, very hard compact clay matrix. (Cat. No. 79.84.132).

Table 2.8. Room 30, Discrepancies in Level Depths (Feet BD).

Level	Notebook				
	79.84.132	79.84.148	93.16.13	79.84.145	93.16.14
4A	Original whited out, changed to 15.43–15.93	Original 14.59–14.94 changed to 16.93–16.28			
5A	Original whited out	Changed to 16.43–16.93	14.09–14.59	15.43–15.93	
4B	Changed to 15.93–16.28	16.28*	14.94	15.93–16.28	Original 14.94 changed to 16.28
*Sub-datum of 030S/140E located at 12.33 feet below datum					

Artifacts, Photographs, and Maps in the Collections

Table 2.9 summarizes the artifacts from Room 30 in the Maxwell Museum collections.

Table 2.9. Room 30, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Plant Material	Pollen	Soil	Flotation	Artifacts/ Other**
2C	x	x	x					x
3C								x
4A-F1							x	
Above 5A	x							
5A	x	x	x	x	x	x		x
Above 5B	x	x	x					
5B	x	x	x		x	x		x
5C	x	x	x		x	x		x
5C-F2							x	
4B-T1		x						
4B	x	x	x				x	x
4B-F1					x			
4B-F3	x	x	x					x
4B-P1*								x
6A-T2	x		x		x			
6B-T2	x	x	x					
6B					x			
6C-T2	x	x	x					x
6C					x			
6D-T2	x	x	x		x	x		
6E-T2	x	x						

Table 2.9. Room 30, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Plant Material	Pollen	Soil	Flotation	Artifacts/ Other**
6E					x			
6F-T2					x			
North wall		x						
Pedestal	x	x	x	x				
Other***			x					x
<p>*Pedestal 1 **includes the following items: Level 2C: a chert point. Level 3C: ground stone. Level 5A, points (including obsidian and chert) and a mano. Level 5B, clay, a fired adobe coil, an obsidian point, and a core. Level 5C, clay, a chalcedony point, a metate, and a calcite pendant. Level 4B, a stone “pounder,” points (including chalcedony and obsidian), a hammerstone, a polishing stone, manos, cores, an axe, a scraper, a comal cooking slab, selenite, corn, and a “wall wedge.” Level 4B-F3, a rim sherd, a point, and a horn, possibly from an animal. Level 4B-P1, a chert point. Level 6C-T2, a knife. ***Bone was collected from above an unspecified floor. A sample of powdered clay (indicated under Artifacts/Other) was on loan to Linda Cordell at the time of her death; its current location is unknown.</p>								

The Maxwell Museum archives include five photographs taken in Room 30 (Table A.1). Figure 2.3 is a view of the second floor (4B), with manos and the hearth near the southern pedestal and the mealing bin under the grid corner.

Room 30 is shown on maps created each year from 1972 through 1976 (Table A.2). All of the maps provide a plan view of the room but only the 1972 map (Cat. No. 2005.25.15194) includes a profile (Table A.2).



Figure 2.3. Room 30, second floor (4B) with manos, hearth, and mealing bin.
Source: Cat. No. 80.24.809A.



Chapter 3

ROOMS 24 AND 29

Rooms 24 and 29, in Room Block 1, were both excavated in 1972. Excavations in Room 29 continued in 1974. Figure 3.1 shows their position relative to adjoining rooms in the larger room block. Figure 3.2 shows the room plans and profiles.

Room 24

1972 Excavations

James Judge led the 1972 excavation that identified this room. One student notebook (Cat. No. 79.84.80) in the Maxwell Museum archives describes work in the room from June 26 through July 17.

Data from Field Forms (Cat No. 79.84.9)

Room Data Sheet. The sub-datum values for this room are 020S/130E, 10.16 feet BD.

Room fill consisted of topsoil. The room was completely excavated and proved to be badly eroded. Very little of the floor and walls was visible. A subfloor test was made.

A hearth feature (F1) was visible from the west wall of Room 29.

Table 3.1 describes the room walls. The east wall was not measured as it had eroded away. The adobe north wall was also missing, but the footing was visible.

Table 3.1. Room 24, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	9.1	1.1	0.8	Adobe
South	5.3	0.9	0.9	Masonry
West	5.9	0.55		Masonry

The northeast and southeast room corners were gone. The depths of the southwest and northwest corners of the room were both recorded as 0.9 foot BSD.

Grid Level Records. A diagram shows the position of Room 24 as directly west of Room 29 (with a shared wall) and south of the west edge of Room 19.

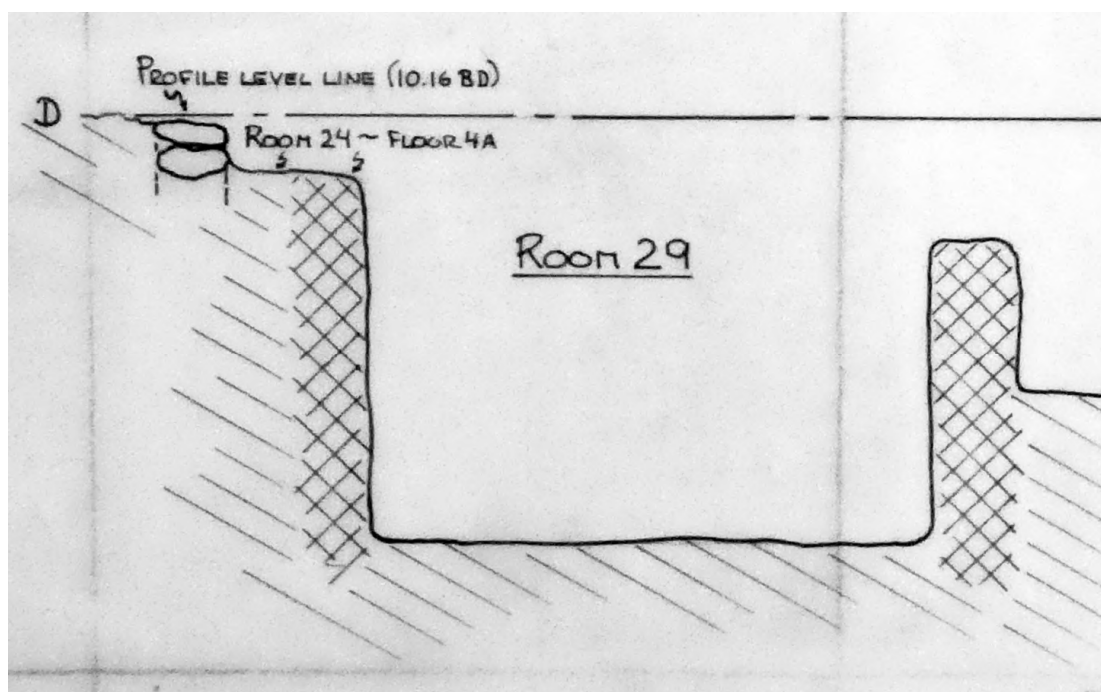
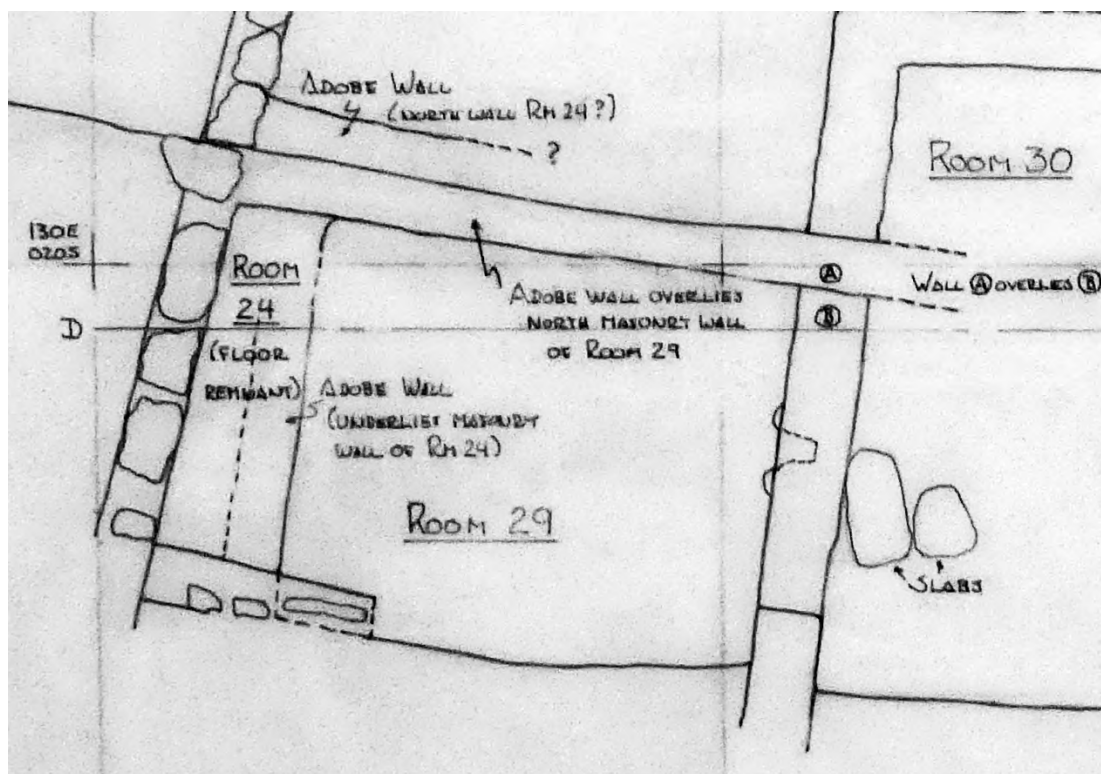


Figure 3.2. Plan and profile of Rooms 24 and 29. Source drawing: Cat. No. 2005.25.15194.

The grid level record (Cat. No. 79.84.10) for Room 29's fifth level of fill (2E) includes a diagram that shows part of Room 24's south wall next to and just north of Room 29's adobe south wall.

The record for the first level of fill (2A) provides the vertical value of the sub-datum at 020S/130E, 10.16 feet BD.

Feature Forms. A feature form was recorded for the first floor (4A), confirming its depth as 0.83 foot BSD (0.65 foot below the surface). The horizontal location of the floor was 022.5–024.85S/131.8–133.1E. The floor measured 2.3 feet north-south and 1.3 feet east-west. The surviving portion of the room measured 5.9 feet north-south by 1.3 feet east-west, indicating that the observed floor was a remnant.

Unassociated Diagram. A diagram shows a north-south cross section of Room 19 with the adobe north wall of Room 24 just west of, and as a continuation of, the masonry north wall of Room 29.

Observations from Notebooks

A diagram in a notebook (Cat. No. 79.84.80) indicates that Room 24's southeast corner covers Room 29's southwest corner just below the first level of fill below the first floor (5A).

Summary of Excavations by Level

Table 3.2 summarizes the excavations by level.

Table 3.2. Room 24, 1972 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2A – 1 st level fill	Located at 1.35 feet BSD, at center of grid 020S/130E, matrix of topsoil. Visible south and west masonry walls.	
4A – 1 st floor	Located at 0.83 foot BSD, 0.1 foot thick, made of adobe. Just north of room's southwest corner.	
5A – 1 st level fill below 4A	Located at 1.8 feet BSD, matrix of sandy adobe mixed soil. Incomplete north and east adobe walls.	Flooring material found in room's northwest quadrant. Adobe walls visible on all four sides. Fill of trash, washed adobe, ash lenses.

1974 Summary of Judge Excavations

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

This form confirms the location of the room in grid unit 020S/130E. The first surface level (1A), the first floor (4A), and the first level of fill below the first floor (5A) were excavated to a depth of 1.8 feet BSD. Subfloor test information can be found in the documents for Room 29. However, no mention of Room 24's subfloor tests are included in Room 29's 1974 corresponding form (Cat. No. 79.84.278A).

The adobe first floor (4A) measured 9.1 by 5.9 feet, at a depth of 0.9 foot. The room walls were masonry.

Catalogue No. 79.84.278A includes a discussion of this room as "only a remnant above Room 29," with only two wall remnants remaining at the southwest corner of the room.

Artifacts, Photographs, and Maps in the Collections

Table 3.3 summarizes the artifacts in the Maxwell Museum collections.

Table 3.3. Room 24, Artifacts in the Maxwell Museum.

Level	Material					Artifacts/ Other
	Sherds	Stone	Bone	Pollen	Soil	
2A				x	x	
5A	x	x	x	x	x	x*
*These items include restorable ceramics, a stone graver, an obsidian point, and maize.						

The archives hold two photographs from Room 24 (Table A.1). Only one map (Cat. No. 2005.25.15194), dated 1972, shows the room (Table A.2). The map makes it clear that Room 24 was physically located above Room 29 (see Figure 3.2).

Room 29

1972 Excavations

James Judge led the 1972 excavations that identified this room. Notebooks from four student excavators (Cat. Nos. 79.84.66, .68, .80, .81) in the Maxwell Museum archives describe their work in the room from June 28 through July 19.

Data from Field Forms (Cat. No. 79.84.10)

Room Data Sheet. The sub-datum values for this room were 020S/130E, 10.16 feet BD. Room 29 was identified as a room most likely used for storage. Room fill consisted of rock wall fall, adobe, and trash. The crew did not conduct a subfloor test. A door was found in the east wall. Wall details are provided in Table 3.4.

Table 3.4. Room 29, 1972 Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North		1.8	0.8	Masonry
East	5.4	4.15	1.2	Adobe
South	7.7	3.95	0.7	Adobe
West	6.6	5.1		Adobe

Depths of the four corners of the room were recorded as 5.85 feet BSD (northeast corner), 5.81 feet BSD (southeast corner), 5.82 feet BSD (southwest corner), and 5.94 feet BSD (northwest corner).

Grid Level Records. The record for the third level of fill (2C) includes a diagram that shows the adobe north, south, and east walls, with the west wall labeled “surface masonry wall” of Room 24, and the west part of the south wall also labeled as “surface masonry” for Room 24.

The record for the fourth level of fill (2D) includes a diagram that shows a hearth and extensive ash lens near the center of Room 29’s north wall, and rock fall in the northwest and northeast corners. Another record for the 4th level of fill (2D) indicated an unspecified feature (F1) was located at 13.81 feet BD.

The record for the fifth level of fill (2E) includes a diagram that shows a part of Room 24’s south wall next to and just north of Room 29’s adobe south wall.

The record for the sixth level of fill (2F) includes a diagram that shows all four walls as adobe.

Two records document a test trench that began 4.2 feet BSD and extended from the second level of fill (2B) to the ninth level of fill (2I), where a floor was found. The trench’s matrix was cultural fill and rock. The room’s north wall and sub-wall fill were removed to expose a layer of trash from Room 19. The field notes included this statement:

From trash layer tilt and abutment it appears that a trash layer of about 0.72 thick (on top of brown mat material) was cut into in order to put in footing and wall (masonry) on the north side of Room 29. This trash layer dips downward, showing a portion of the trash pile profile. On top of this trash layer was construction material (adobe)—probably wall/floor fall from some other source. On top of adobe material additional trash levels run at opposite angles (upward) indicating upper trash levels came after wall as wind/water tilted upper levels up

against existing wall ... Then a cut was made into the material under the floor of Room 24, rocks were placed into the cut (for stabilization of trash fill?) and filled up.

Feature Forms. A form was recorded for a hearth (F1) found at 13.66 feet BD at grid position 021S/136E, on (or set into) the room's north wall. The hearth measured 3.45 by 1.8 feet and was 1.6 feet deep. The hearth fill included ash and small bones. Part of the wall above the hearth was blackened.

A form for the first floor (4A) described it 6.14 feet BD at its center, 5.2 feet below the surface, and extending across grid positions at 019-024.9S/134-141.4E. The floor measured 7.9 feet east-west by 7.8 feet north-south.

Observations from Notebooks

According to one notebook (Cat. No. 79.84.80), Room 29 was found during excavations below Room 24's first level of fill below its first floor (5A), in grid unit 010S/130E and extending into grid unit 020S/140E. The same notebook stated that rocks had been inserted into the adobe walls.

The students found large amounts of large rock slabs, tilted at all angles, from the third to the eighth levels of fill (2C-2H) (Cat. No. 79.84.80).

They found an offset of about 0.4 or 0.5 foot along the room's south wall, holes in the middles of the east and west walls, and a plug in the west wall's hole (Cat. No. 79.84.80).

One notebook (Cat. No. 79.84.80) provides additional information on the excavation of the 3 foot wide test trench:

- The test trench cut through the room's north wall in order to provide a cross-section of the wall in Room 24 and of the material below the wall.
- The students removed most of the rock fall in the room, half of the rocks in the wall, and a portion of the wall.
- About 1.5 feet above the floor (4A), the rocks appeared to be coursed, with clay as mortar, and disturbed.

The students eventually removed the room's north wall (finding a coursed remnant of it about 1.8 feet off the floor) and the room fill to the floor level, which showed that the floor was put in after the north wall was built (Cat. No. 79.84.80).

Summary of Excavations by Level

Table 3.5 summarizes the excavations by level.

Table 3.5. Room 29, 1972 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2A – 1 st level fill	Located 2.3 feet BSD, matrix of soft brown sandy soil.	Removed level, rock fall in room's northwest corner, fill includes some ash (Cat. No. 79.84.80).
2B – 2 nd level fill	Located 2.75 feet BSD in center of room, matrix of soft brown fill.	Removed level (Cat. No. 79.84.80).
2C – 3 rd level fill	Located 3.2 feet BSD, matrix of soft brown adobe fill.	Rock fall in room's northwest corner, located room's south wall (Cat. No. 79.84.80).
2D – 4 th level fill	Located 3.85 feet BSD, matrix of soft brown, red adobe fill.	Removed level (Cat. No. 79.84.80).
2E – 5 th level fill	Located 14.11 feet BD, matrix of soft, red adobe fill.	Rock fall in room's northwest corner and along north wall, removed level (Cat. No. 79.84.80).
2F – 6 th level fill	Located 14.86 feet BD, matrix of brown, red adobe, trash fill.	Large rounded sandstone slab covered a door in the room's east wall (Cat. No. 79.84.68).
2G – 7 th level fill	Located 15.21 feet BD, matrix of brown, red adobe, trash fill.	Many rocks; fill includes roof fall (Cat. No. 79.84.68). Center of room at 5.1 feet BSD (Cat. No. 79.84.80).
2H – 8 th level fill	Located 15.56 feet BD, matrix of brown, red adobe with trash fill.	At 5.5 feet BSD (Cat. No. 79.84.68).
2I – 9 th level fill	Located 6.0 feet BSD, matrix of trash, adobe, rocks fill. Floor visible at south part of room.	
4A – 1 st floor	Located 16.14 feet BD, 0.1 foot thick, made of adobe.	Rock fall, from north or northwest, covered more than two-thirds of floor area.

1974 Summary of Judge Excavations

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

This form describes Room 29 as a storage room found in grid unit 020S/130E. Excavated levels included the first surface level (1A), nine levels of fill (2A–2I), and the first floor (4A), extending to 6.14 feet BSD. The adobe first floor (4A) measured 7.7 by 6.6 feet at a depth of 6.14 feet BSD. Walls were adobe and masonry, with one possible masonry wall. The room was located below Room 24.

1974 Excavations

In 1974 Linda Cordell led the continuing excavation of Room 29. Notebooks from five student excavators (Cat. Nos. 79.84.131, .147, .153, and .164; Cat. No. 93.16.14) describe work in the room from July 3 through July 15.

Data from Field Forms (Cat. No. 79.84.22)

Room Data Sheet. Sub-datum values were 030S/140E, 12.33 feet BD. The room was identified as a storage room since there were no floor features. The room was completely excavated. A diagram placed it north of Room 43. Table 3.6 provides wall details.

Table 3.6. Room 29, 1974 Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	7.25	1.07	1.33	Adobe
East	3.15			Adobe
South	7.27		0.72	Adobe
West	4.0			Adobe

Depths of the four room corners were recorded as 4.67 feet BSD (northeast corner), 4.78 feet BSD (southeast corner), 4.57 feet BSD (southwest corner), and 3.75 feet BSD (northwest corner).

Grid Level Records. A form for the first level of fill below the first floor (5A) includes a diagram placing Test Pit 3 (T3) in the room's southeast corner.

Observations from Notebooks

The 1974 sub-datum was 030S/140E, at 12.33 feet BD (Cat. No. 79.84.153).

The students began by removing backfill, as the first floor (4A) had been covered with plastic, with rocks over the plastic, and backfilled at the end of the 1972 season (Cat. No. 79.84.153).

A double adobe wall (gray and red) extended up to the room, from 020S/130E to 020S/140E, where the room's north wall was expected (Cat. No. 79.84.153). The north wall could not be defined at the room's north end but was thought to be a continuation of the double adobe wall (Cat. No. 79.84.153).

Depths of corners were reported at the second floor (4B) level (4.67 feet BSD for northeast, 4.78 feet BSD for southeast, 4.39 feet BSD for northwest, and 4.57 feet BSD for southwest) and lengths of internal walls (north, 7.25 feet, east, 3.15 feet, west, 4.0 feet, and south, 7.27 feet) (Cat. No. 79.84.147).

Test Pit 2 (T2) was dug as a subfloor test. The students defined four walls at the second floor (4B) level, with an east-west wall extending across the middle of the room (Cat. No. 79.84.164). T2 measured 3 by 3 feet and was in the room's southeast corner (Cat. No. 79.84.153).

Test Pit 3 (T3) was used as a 3 by 3 foot sub floor test for three levels below the second floor (6A–6C) along the room's east wall, in the southeast corner of the room (Cat. Nos. 79.84.147, .153, and .164).

Summary of Excavations by Level

Table 3.7 summarizes the excavations by level.

Table 3.7. Room 29, 1974 Excavated Levels.

Level	From the Field Forms	From the Notebooks
4A – 1 st floor	Located at 3.75 feet BSD, made of adobe, 0.05 foot thick.	Visible east, west, and south walls (Cat. No. 79.84.153).
5A-T2 – 1 st level fill below 4A in Test Pit 2		Located at 3.75–4.25 feet BSD, previously identified as 1 st floor (4A) (Cat. No. 79.84.153).
5A – 1 st level fill below 4A	Located 16.08–16.58 feet BD/4.25 feet BSD.	Almost sterile (Cat. No. 79.84.164). Located at 16.08–16.58 feet BD, removed level (Cat. No. 79.84.147).
5B-T2 – 2 nd level fill below 4A in Test Pit 2		Later redefined as second floor (4B) (Cat. No. 79.84.153).
4B-T3 – 2 nd floor in Test Pit 3	Located at 4.85 feet BSD.	
4B – 2 nd floor	Located at 4.6 feet BSD, made of adobe, fill of adobe wash. Located at 16.58–17.18 feet BD/4.85 feet BSD, matrix of little cultural material between the floors, with lots of plant remains.	Located at 4.25–4.85 feet BSD/16.58–17.18 feet BD with floor in good condition at 4.85, sterile (Cat. Nos. 79.84.147, .164).
6A – 1 st level fill below 4B	Matrix of homogeneous sterile brown clay.	Located at 4.85–5.35 feet BSD, walls not visible at bottom of level (Cat. No. 79.84.164).
6B – 2 nd level fill below 4B		Located at 5.35–5.85 feet BSD, mostly sterile with ash and charcoal (Cat. No. 79.84.164).
6C – 3 rd level fill below 4B		Located at 5.85–6.35 feet BSD, sterile (Cat. No. 79.84.164).

Published Comment

Cordell (1975:6) mentions that Room 29 had two floors.

Artifacts, Photographs, and Maps in the Collections

Table 3.8 summarizes the artifacts from Room 29 in the Maxwell Museum collection. The grid level record for the ninth level of fill (2I) indicates that multiple artifacts were documented as found on Level 2I when they were actually located on the first floor (4A). The artifacts were documented before the students realized that they had found the floor. These items included a possibly restorable utility ware bowl, a restorable pot, an Arenal Glaze Polychrome sherd, a pollen sample, and a soil sample; they are marked with an asterisk in Table 3.8.

Table 3.8. Room 29, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Pollen	Soil	Adobe	Flota- tion	Artifacts/ Other**
2A	x	x	x		x	x			
2B	x	x	x		x	x			x
2C	x	x	x		x	x			
2D	x	x	x						
2D-F1								x	x
2E	x	x	x	x	x	x		x	x
2F	x		x		x	x			x
2G	x		x	x	x	x	x		
2H	x	x	x		x	x			
2I	x*	x	x		x*	x*			x*
5A-T2	x		x						x
5A	x	x	x					x	x
5B-T2	x								
4B-T2		x							x
4B	x	x	x		x			x	x
6A-T3	x		x					x	
T1									x
Test Trench	x	x	x				x	x	x

*Possibly from 4A. See text.
 **Includes the following items.
 Level 2B: a bone awl.
 Level 2D-F1: a selenite pendant and worked stone.
 Level 2E: a chalcedony point.
 Level 2F: restorable ceramics, a ceramic bowl, chalcedony points, and worked stone.
 Level 2I: a ceramic bowl.*
 Level 5A-T2: a biface.
 Level 5A: a stone scraper.
 Level 4B-T2: a small animal skull.

Table 3.8. Room 29, Artifacts in the Maxwell Museum.

Level 4B: a crinoid bead. Level T1: an obsidian point. Test Trench: a piece of worked stone.
--

The collections also include sherds found in the room but not assigned to a level.

The Maxwell Museum archives include 15 photos from Room 29 (Table A.1). Figure 3.3 shows the hearth (F1) in the fourth level of fill (2D). Figures 3.4 and 3.5 show the first (4A) and second floors (4B) of the room.



Figure 3.3. Room 29, hearth (F1) in the fourth level of fill (2D). Source: Cat. No. 80.24.748A.



Figure 3.4. Room 29, first floor (4A). Source: Cat. No. 80.24.812A.

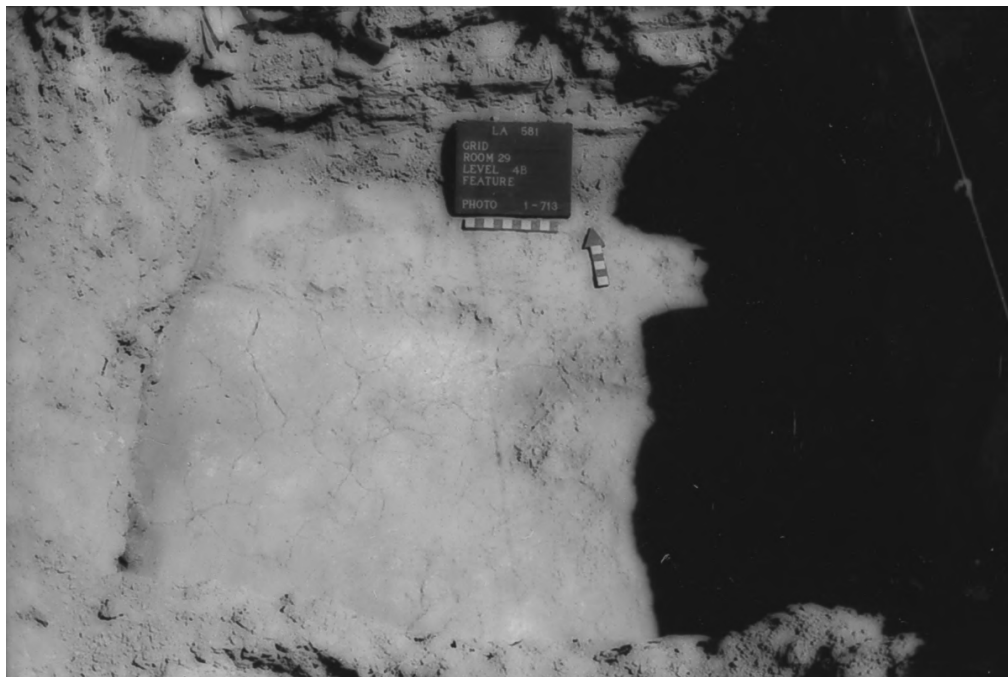


Figure 3.5. Room 29, second floor (4B). Source: Cat. No. 80.24.812A.

Room 29 is shown on maps created each year from 1972 through 1976 (Table A.2). All maps provide a plan view of the room but only the 1972 map (Cat. No. 2005.25.15194) includes a profile.

Chapter 4

ROOMS 46, 45, AND 101

Rooms 46, 45, and 101 were in Room Block 1. Room 46 was excavated in 1973 and 1974. Rooms 45 and 101 were excavated in 1974. Rooms 45 and 46 were “upper level” rooms, while Room 101 was found below them.

Figure 4.1 depicts the rooms and shows their position relative to adjoining rooms in the larger room block. Figure 4.2 shows the room plans and profiles.

Room 46

1973 Excavations

James Judge led the 1973 excavation that identified this room. Five student notebooks (Cat. Nos. 79.84.92, .103, .109, .111, and .154) in the Maxwell Museum archives describe work in the room from June 25 through July 6.

Data from Field Forms (Cat. No. 79.84.15)

Room Data Sheet. The sub-datum values for this room are 030S/120E, with no stated vertical relationship to the datum.

Room 46 was identified as a habitation room. Room fill consisted of loose material with a number of sherds and artifacts. A subfloor test was made.

Table 4.1 describes the room walls. A door was reported in the south wall.

Table 4.1. Room 46, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	10	1.4	0.8	Adobe
East	8.1	1	1.2	Masonry
South	10	0.8	0.9	Masonry
West	6.9	0.8	1.2	Masonry

Room corner depths were recorded as 1.2 feet BSD for the northeast and southwest corners and 1.1 feet BSD for the southeast corner. The northwest corner had been disturbed by a test pit.

Grid Level Records. Test Pit 1 (T1) was located in the room’s northwest corner. Test Pit 2 (T2) was located in the room’s southwest corner.

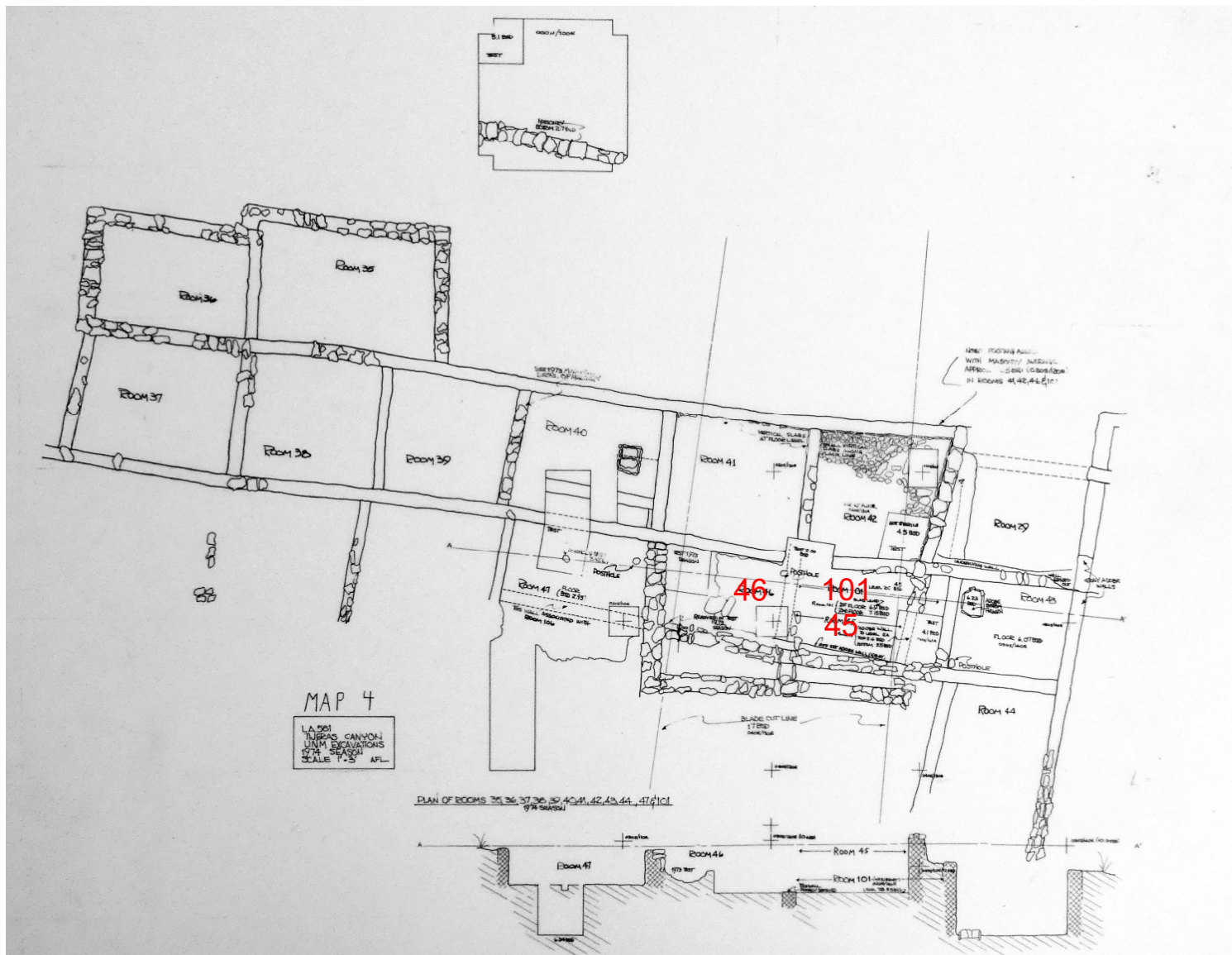


Figure 4.1. Rooms 45, 46, and 101 within Room Block 1. Source drawing: Cat. No. 2005.25.15168.

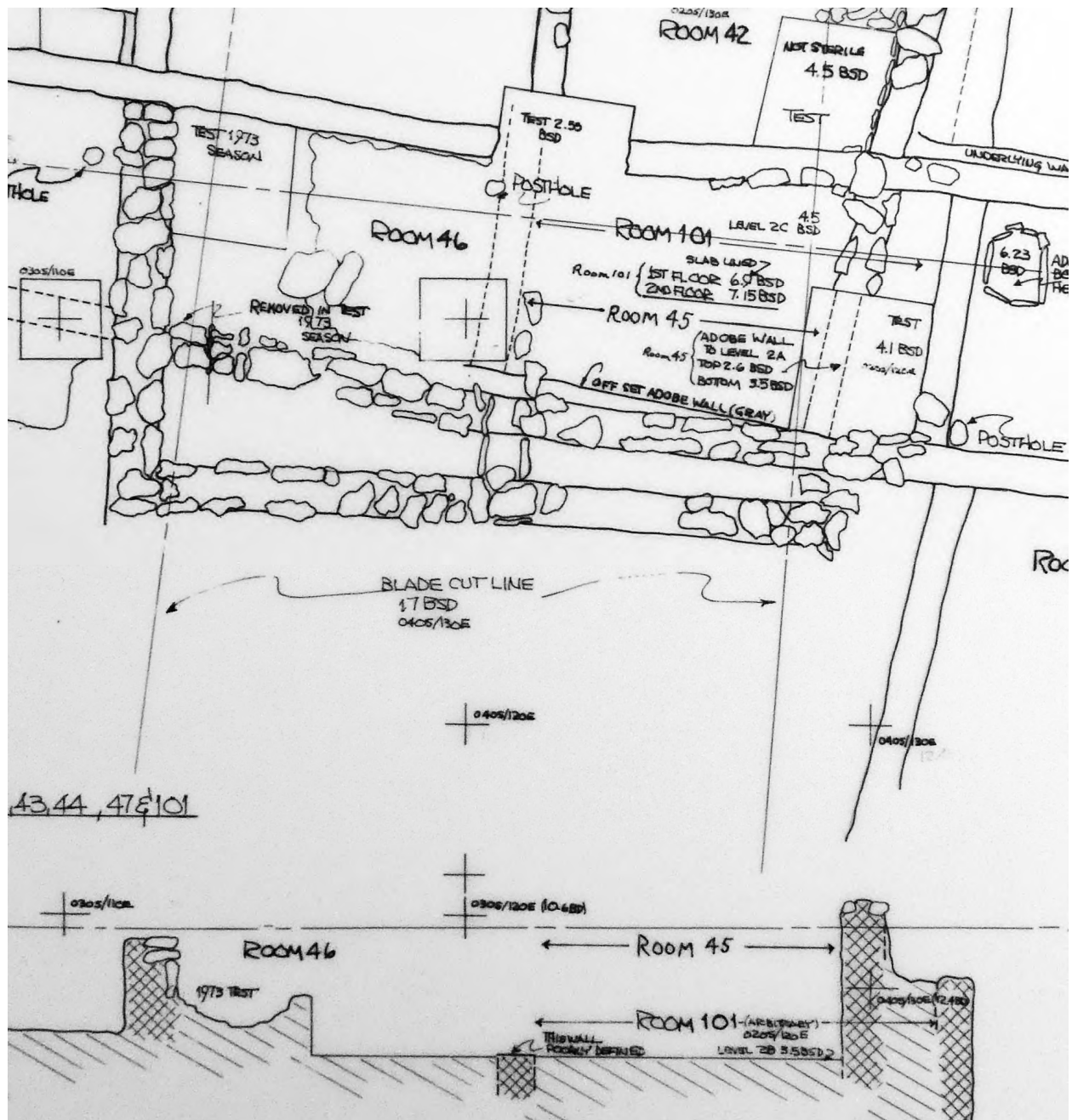


Figure 4.2. Plan and profile of Rooms 46, 45, and 101. Source drawing: Cat. No. 2005.25.15168.

Feature Forms. A form was recorded for the first floor (4A)—described as remnants of a floor, not a “good” floor, or possibly a “use surface.” The floor corners were at grid locations 024S/112E (northwest), 024.8S/122.5E (northeast), 031S/111.5E (southwest), and 033S/121E (southeast). The floor measured 5.5 feet north-south and 8.7 feet east-west.

Observations from Notebooks

One notebook (Cat. No. 79.84.111) described the first floor (4A) and associated walls as follows:

- The surface of the “floor” was not “good” except in small patches. At the west side of the room, the students found a surface from which the overlying fill peeled off. There were small remnants of floor (?) plaster in the east half of the room. It appears that the students were not sure whether the second floor (4B) was a floor or a plaza surface.
- The west wall was only a masonry footing that ended about at the level of the ground surface. The wall was about 1 foot thick, with adobe mortar between stones.
- The south wall stopped near a line of footing stones embedded at the level of the floor. The footing stopped three-quarters of the way across the room. The observed floor plaster did not curve up to meet the footing.
- The east wall was somewhat visible in the second level of fill (2B), as an “imitation” of a masonry footing in line with the projected east wall of Room 41.
- The north adobe wall, about 8 inches thick, faded out as it extended east. The observed surface did not curve up to meet the wall.

Summary of Excavations by Levels

Table 4.2 describes the excavations by level.

Table 4.2. Room 46, 1973 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1A – 1 st surface level	Previously excavated.	
2A-T1 – 1 st level fill in Test Pit 1	Located at 0.8 foot BSD, matrix of hard adobe wash, mixed with fill near bottom.	Found masonry wall on west side, good adobe wall on north side (Cat. No. 79.84.111). Fill was hard-packed clay with some adobe (Cat. No. 79.84.109).
2A-T2 – 1 st level fill in Test Pit 2	Matrix of loose fill.	Located at 1.1 feet BSD, moderately loose fill (Cat. No. 79.84.111).
2A – 1 st level fill	Located at 0.7 foot BSD, loose fill, adobe/clay mix, matrix of baked fill.	Soil was sun-baked clay.
2B-T1 – 2 nd level fill in Test Pit 1	Matrix of hard adobe fill.	Located at 0.8–1.9 feet BSD, masonry on west side only extends for 1 foot (Cat. No. 79.84.111). Tough adobe with some chunks; charcoal in center at top of level (Cat. No. 79.84.109).
2B – 2 nd level fill	Dense fill, same adobe or clay as 2A. Matrix of soft fill.	Located at 0.6–0.9 foot BSD (Cat. No. 79.84.111).
2C – 3 rd level fill		6 inch level, compact (Cat. No. 79.84.111)

Table 4.2. Room 46, 1973 Excavated Levels.

Level	From the Field Forms	From the Notebooks
4A – 1 st floor	Located at 1.1 feet BSD, 0.05 foot thick, made of plastered adobe. Possible floor with dense fill, same adobe or clay as 2A. Matrix of soft fill.	Very poor adobe floor, especially in east half of room, with embedded rocks in floor (Cat. No. 79.84.111).
5A – 1 st level fill below 4A	Previously marked 2C, red adobe.	
4B – 2 nd floor	Previously marked 4A, poor quality floor or use surface.	Renamed the 2 nd floor (at 1.9 feet) as possible plaza surface; black, and better quality than 4A (Cat. No. 79.84.111).

Judge's Comments

At the end of the first week of excavations, a double masonry wall had been identified on the room's south side (Cat. No. 93.16.10:9).

In the last week of excavations, the 3 by 3 foot test pit in the room's northwest corner (T1) showed a "possible floor" about 2.4 feet below the surface. Judge described it as "more of a use surface than a floor" but stated that it was labeled as the first floor (4A) and it was associated with masonry footings indicating the locations of the south and west walls.

The double masonry wall (two walls, about 2 feet apart) on the south side of the room was problematic. The students trenched through the first wall to the second wall at the level of the first floor (4A), and that floor did not stop at the first wall. Judge concluded that both masonry walls were footings. He noted that a test between the two walls, at the east end of the room, identified stratified trash between the two walls (Cat. No. 93.16.10:11).

1974 Summary of Judge Excavations

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

Room 46 is described as a storage room in grid unit 020S/110E. Excavations included the first and second surface levels (1A, 1B), the first and second levels of fill (2A, 2B), and the first floor (4A), to a depth of 1.1 feet BSD.

A subfloor test (T1) was placed in the room's northwest corner, to a depth of 1.9 feet BSD. Sterile material was not reached.

The adobe first floor (4A), with evidence of plaster, measured 10 by 8.1 feet by 1.1 feet deep. The walls were adobe and masonry.

A second floor was found at 1.9 feet BSD. The south half of the room was badly eroded. The double row of masonry wall may have been used for storage bins. It may be that the first floor (4A) was not actually a floor, even though it “peeled off” like a floor.

1974 Excavations

Linda Cordell led the continuing excavation of Room 46 in 1974. Four student notebooks (Cat. Nos. 79.84.131, .142, .163, and .167) describe work in the room from June 8 through July 3.

Observations from Notebooks

In 1974, the students began by removing fill in Room 46 down to the level of Room 101’s second level of fill (2B). Room 101 was directly east of Room 46 (Cat. No. 79.84.142).

As there was no evidence of a wall separating Room 46 from Room 101, at first the students identified this area as part of Room 101 (Cat. No. 79.84.163). Many of the same students excavated in both rooms and the section on Room 101, below, provides additional information on the 1974 excavations.

Published Comment

In 1974 a Bernalillo County Highway Department road grader removed portions of Room 46 to expose underlying structures (Burtchard, in Cordell 1975:47).

Artifacts, Photographs, and Maps in the Collections

Table 4.3 summarizes the artifacts from Room 46 in the Maxwell Museum collection. All of these artifacts were found in 1973.

Table 4.3. Room 46, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Soil	Artifacts/ Other**
2A-T1		x	x		
2A-T2		x	x		x
2A	x	x	x	x	x
2B-S1*				x	
2B-T1		x	x		
2B	x	x	x	x	x
4A	x	x	x	x	x
4A-S1*				x	
5B				x	
Unknown					x

Table 4.3. Room 46, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Soil	Artifacts/ Other**
**“Stratigraphy” 1 **Includes the following items: Level 2A-T2: a side-notched point. Level 2A: a mano or pot lid. Level 2B: a scraper and a mano fragment. Level 4A: a point, a point blank, and pollen. Unknown level: maize.					

Only one photograph shows Room 46 (Figure 4.3). It shows the first floor (4A).



Figure 4.3. Room 46, first Floor (4A). Source: Cat. No. 80.33.3A.

Room 46 appears on maps created in 1973 and 1974 (Table A.2). All of the maps include plan views of the room but only the 1974 map (Cat. No. 2005.25.15168) includes a profile.

Room 45

1974 Excavations

Linda Cordell led the 1974 excavation that identified this room. Seven student notebooks (Cat. Nos. 79.84.131, .136, .142, .148, .163, and .167 and 93.16.14) describe work in the room from June 11 through June 24.

Data from Field Forms (Cat. No. 79.84.22)

Grid Level Records. A form for the first level of fill (2A) identified the sub-datum for this room as being at 020S/120E.

At the second level of fill (2B), a diagram shows wall lengths of 8.4 feet (north wall), 9.6 feet (east wall), 9 feet (south wall), and 9.2 feet (west wall). The same diagram indicates that the south wall was masonry over a possible underlying adobe wall, and that the north wall was “indistinct.”

Observations from Notebooks

The room had wall lengths of 9.4 feet (north and south), 9.3 feet (west), and 10 feet (east) (Cat. No. 79.84.136). One notebook (Cat. No. 79.84.142) stated that the room spanned grid units 020S–030S/120E and mentioned that room walls had been defined in 1973.

The students found masonry abutments in the room’s northeast corner (Cat. No. 93.16.14).

At the second level of fill (2B), the walls measured 8.4 feet (north), 9.6 feet (east), 9 feet (south), and 9.2 feet (west) (Cat. No. 79.84.142).

One notebook (Cat. No. 79.84.163) stated that after the students removed rocks from the second level of fill (2B) and started the next level (the first level of roof fall [3A]), they redefined the space to be Room 101’s first level of fill (2A), since two walls were found near each other. An adobe wall adjoining and within Room 45’s south stone wall appeared to be contiguous with and an extension of Room 43’s south wall, which led the students to redefine the new room as Room 101 (Cat. No. 93.16.14). A different notebook (Cat. No. 79.84.131) described Room 45 as a masonry footing dug into the earlier adobe Room 101.

The students extended a test area through the south part of Room 45’s east wall to begin excavations of Room 101 (Cat. No. 79.84.131).

The road grader “leveled” Room 45 (Cat. No. 79.84.148).

Summary of Excavations by Level

Table 4.4 summarizes the excavations by level.

Table 4.4. Room 45, 1974 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2A – 1 st level fill	Located at 1.26–1.63 feet BSD, matrix of loose silt, hard adobe wash, abundant charcoal throughout level.	Large rocks surrounded by and held in a very hard adobe wash from a masonry construct (Cat. No. 79.84.131). Charcoal lenses (Cat. No. 79.84.136). Lots of stone and adobe rubble (Cat. No. 93.16.14).
2B – 2 nd level fill	Located at 1.6–2.1 feet BSD, matrix of hard adobe brick, less charcoal than 2A.	Identified room 101 from possible adobe wall under, and slightly north of, room 45's south masonry wall (Cat. No. 79.84.142)

Published Comments

Room 45 was located above Room 101, with a rough stone alignment separating it from Room 42 (Burtchard, in Cordell 1975:46).

No floor was located. The room contained an “underlying enclosure” (room 101) with walls offset from the walls of Room 45. A Bernalillo County Highway Department road grader was used to remove part of Room 45 to excavate the underlying structure (Burtchard, in Cordell 1975:47).

Artifacts, Photographs, and Maps in the Collections

Table 4.5 lists the artifacts from Room 45 in the Maxwell Museum collection.

Table 4.5. Room 45, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Artifacts/ Other
2A	x	x	x	
2B	x		x	x*
*Shell pendant				

There are two surviving photos of Room 45 in the Maxwell Museum archives (Table A.1). Figure 4.4 shows the room at the second level of fill (2B).



Figure 4.4. Room 45, second level of Fill (2B). Source: Cat. No. 80.33.117A.

Room 45 is shown on maps created in 1973 and 1974 (Table A.2). All of the maps provide plan views of the room but only the 1974 map (Cat. No. 2005.25.15168) includes a profile view (Table A.2).

Room 101

1974 Excavations

Linda Cordell led the 1974 excavation that identified this room. Seven student notebooks (Cat. Nos. 79.84.131, .136, .142, .151, .153, and .163 and 93.16.14) describe work in the room from June 13 through July 23.

Data from Field Forms (Cat. No. 79.84.24)

Room Data Sheet. The sub-datum for this room was at 030S/110E, with no stated vertical relationship to the datum.

Room 101 was identified as possibly used for storage. Room fill consisted of soft fill and hard adobe. Once the lowest floor was found, subfloor tests were conducted.

Wall details were reported for all but the north wall (Table 4.6).

Table 4.6. Room 101, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thick (ft)	Material
East	6.0	5.6	0.9	Adobe
South	6.9	4.0	0.9	Adobe
West	6.0	4.0	0.8	Adobe

Depths of the four corners of the room were recorded as 16.8 feet BD (northeast corner), 16.85 feet BD (southeast corner), 17.35 feet BD (southwest corner), and 17.1 feet BD (northwest corner).

Grid Level Records. An undated diagram associated with the first level of fill (2A) shows a south masonry wall with a possible adobe wall interior.

Two floors were identified as the first floor (4A); they were designated 4A(one) and 4A(two). A diagram of 4A(one) shows it as

- a slab floor located at 17.05 feet BD in the room's northwest corner;
- extending east along the room's north wall two-thirds of the way to the east wall; and
- extending south to the room's southwest corner; with
- a small portion of adobe floor at 17.05 feet BD adjacent to the room's south wall, just east of the south wall's center.

It appears that 4A(two) was found immediately below 4A(one), and was discovered when the stone slabs of 4A(one) were removed.

The record for 4A(two) identified wall heights as 5.6 feet (east wall), 4.0 feet (south wall), and 4.0 feet (west wall), and noted that the north wall was not measurable. An accompanying diagram shows that the indefinite north wall was located where Floor 4A(two) ended.

Feature Forms. A form was recorded for a post hole (F1) that began at the first floor (4A[two]) surface and extended up, at 029S/129E. The post hole measured 1.25 feet in circumference [about 0.4 feet in diameter] and was 0.85 foot deep. It was set in adobe with an adobe lining, and the fill was soft. The post hole slanted up toward the south. The grid level record for the floor (4A[two]) indicated that the post hole was in the room's northeast quadrant.

Observations from Notebooks

Room 101 was not identified as such until the students finished excavating the second level of fill (2B) in Room 45, finding a floor. While still working on the first level of fill (2A), they found part of the room's east wall just south of grid marker 030S/130E (Cat. No. 93.16.14). A notebook diagram (Cat. No. 79.84.142) of the first level of fill (2A) shows wall lengths and materials: north, masonry (11.2 feet); west, adobe (10 feet). The south wall (10.7 feet) featured a second masonry wall to the north, with a possible adobe wall along its south face, a second

masonry west wall inside the adobe wall, an undefined southeast corner, and an offset east wall. The room's northwest corner section cut into upper Rooms 41, 42, 45, and 46 at this level (2A) (Cat. No. 79.84.163).

Once the second level of fill (2B) was removed and the room was fully identified, the floor dimensions were listed as 8.4 feet (north wall), 9.6 feet (east wall), 9.2 feet (west wall), and 9 feet (south wall) (Cat. No. 79.84.136). A diagram in the same notebook shows a masonry south wall north of the 9 foot long south wall and a possible adobe wall next to and just north of the masonry south wall. A different notebook (Cat. No. 79.84.142) indicates that Room 45's south masonry wall was on top of, and slightly offset from, the adobe wall in Room 101. Yet another account (Cat. No. 79.84.131) indicates that Room 101 was identified in a test through the south part of Room 45's east wall, which led to the exposure of Room 101's east wall about 2 feet farther east. The same notebook indicates that a possible south wall appeared as adobe facing to Room 45's masonry south footing wall, but that the adobe ended near the top of the test pit and another adobe wall was found 4 to 10 inches farther south.

The students removed test areas they had started in the northwest and southeast corners of the room, and a wall was found underlying Room 45's east masonry wall (Cat. No. 93.16.14).

At the second level of fill (2B), the students seem to have identified an area as Room 46, but they later decided that since there was no wall separating it from Room 101, it was all just one large room (101) (Cat. No. 79.84.163). What was originally called Room 46 was then referred to as the "western room" and later the "new western section of room 101" (Cat. No. 79.84.136). The students started a 3 by 3 foot test pit in the room's southeast corner (Cat. No. 79.84.142). At the third level of fill (2C), a diagram (Cat. No. 79.84.142) indicates that Room 46 was located at grid position 030S/120E and was not part of Room 101.

The students excavated the third through sixth levels of fill (2C–2F) in the test pit, down about 7.5 feet, and found that the room's south wall extended off diagonally from the original stone-footed masonry wall (Cat. No. 79.84.136).

Upon locating the first floor in Test Pit 1 (4A-T1), one student mentioned (in Cat. No. 79.84.142) that Room 101 was clearly offset from the walls of Room 45 above it.

It appears that a county road grader removed part of this room, including what had been called the third level of fill (2C), producing an artificial surface (XA) in grid 030S/120E (Cat. No. 79.84.142). The grader also went through grid unit 020S/120E, leading to definition of the western portion of the room's north wall, west wall, and northwest corner (Cat. No. 79.84.142). The grader obliterated the sub-datum, so measurements were changed back to Below Datum as the students removed the third level of fill (2C) from the room (Cat. No. 79.84.142).

One notebook (Cat. No. 79.84.136) provides the following details on the two first floors, 4A(one) and 4A(two):

- The students found a floor at the level where it was found in the test pit.
- The floor seemed to have two layers, one on top of the other.

- The floor tilted upward, as if warped, at the west edge of the test pit.
- The floor in the room's northwest corner and all along the west wall was carefully fitted with stones to form a flat surface.
- There was a plain hard adobe floor in the room's central and southeast areas.

A notebook (Cat. No. 79.84.142) added that Floor 4A extended from 16.5 to 17.2 feet BD, with flat slabs of sandstone or shale at 17.05 feet BD, overlying an adobe floor at 17.2 feet BD.

The door found in the west wall was closed prehistorically (Cat. No. 79.84.142).

Subfloor tests were made in the room's southeast corner, through four levels of fill (5A–5D) (Cat. No. 93.16.14).

Summary of Excavations by Levels

Table 4.7 summarizes the excavations by level.

Table 4.7. Room 101, 1974 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2A – 1 st level fill		Extended to 2.55 feet BSD (Cat. No. 93.16.14). Small ash lenses, lots of charcoal in room's northeast corner, removed a 3 by 1.7 by 2.6 feet section from room's northwest corner (Cat. No. 79.84.142).
2B – 2 nd level fill	Located at 2.55–3.5 feet BSD, matrix of loose silt. Lots of charcoal, several ash lenses, 2 discolored depressions/possibly hearths in southwest area of room.	Located at 2.5–3.5 feet BSD (Cat. No. 79.84.142).
2C – 3 rd level fill	Located at 13.1–13.9 feet BD, matrix of hard adobe wash. Distinct east and west walls, part of south wall that ends. East and south walls 0.9 foot thick, west wall 0.8 foot thick.	Located at 3.5–4.1 feet BSD (Cat. No. 79.84.136). Identified portion of room's east adobe wall, west wall, and south wall that ended 3 feet before reaching the west wall, (Cat. No. 79.84.142).
2C-T1 – 3 rd level fill in Test Pit 1		Located at 3.5–4.1 feet BSD, defined parts of west and south walls (Cat. No. 79.84.142).
2D-T1 – 4 th level fill in Test Pit 1		Located at 4.1–4.75 feet BSD (Cat. No. 79.84.136). Defined part of room's south wall beneath and 0.6 foot south of overlying masonry footing (Cat. No. 79.84.142).

Table 4.7. Room 101, 1974 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2D – 4 th level fill	Located at 13.9–14.8 feet BD, matrix of some adobe wash, mostly soft fill. Found diagonal wall-like adobe corner covered with caliche in room's northwest corner. Diagram shows south wall extending west from room's southeast corner, but ending abruptly, then continues 3 ft later into room adjacent to the west (room 104).	
2E-T1 – 5 th level fill in Test Pit 1		Located at 4.75–5.35 feet BSD (Cat. No. 79.84.136).
2E – 5 th level fill	Located at 14.8–15.2 feet BD, matrix of soft silt with some hard adobe wash in the north area and in the room's southwest corner.	
2F-T1 – 6 th level fill in Test Pit 1		Located at 5.35–5.9 feet BSD/ 15.12–15.57 feet BD in trash (Cat. Nos. 79.84.136, .142).
2G-T1 – 7 th level fill in Test Pit 1		Located at 5.9–6.5 feet BSD, red adobe chunks (Cat. No. 79.84.142).
2H-T1 – 8 th level fill in Test Pit 1		Located at 6.5–7.1 feet BSD (Cat. No. 79.84.142). Visible east adobe wall, and masonry south wall (Cat. No. 79.84.163).
3A – 1 st level roof fall	Located at 15.2–15.8 feet BD, matrix of hard adobe wash with some soft fill.	Removed level (Cat. No. 93.16.14). Previously labeled 2F (Cat. No. 79.84.142).
3B – 2 nd level roof fall	Located at 15.8–16.5 feet BD.	Found door in room's west wall (Cat. No. 79.84.163).
4A-T1 – 1 st floor in Test Pit 1		Hard floor overlain with hard adobe wash/caliche, located at 7.1–7.6 feet BSD (Cat. Nos. 79.84.131, .136, .142). Gray, softer than roof fall, firmer than fill (Cat. No. 79.84.142).
4A(one) – 1 st floor	A stone slab floor above an adobe floor. Located at 16.5–17.2 feet BD before removal of slabs, matrix of hard adobe. Associated feature: posthole (F1) slanting to the south.	
4A(two) – 1 st floor	Located at 17.05–17.2 feet BD, 2.0 inches thick, made of adobe. Matrix of thin layer of soft fill between adobe floor and overlying stone slabs.	
5A-T2 – 1 st level fill below 4A in Test Pit 2	Located at 17.2–17.75 feet BD, matrix of hard adobe, some soft fill.	

Table 4.7. Room 101, 1974 Excavated Levels.

Level	From the Field Forms	From the Notebooks
5B-T2 – 2 nd level fill below 4A in Test Pit 2	Located at 17.75-18.5 feet BD, matrix of soft homogeneous fill.	
5C-T2 – 3 rd level fill below 4A in Test Pit 2	Located at 18.5–18.95 feet BD, matrix of soft to medium fill.	
5D-T2 – 4 th level fill below 4A in Test Pit 2	Located at 18.95–19.5 feet BD, matrix of moist-medium to hard fill.	Confirmed sterile in 5D at 18.95 feet BD (Cat. No. 93.16.14).

Published Comments

Room 101 was identified below Room 45, which contained an “underlying enclosure” with walls offset from Room 45’s wall (Burtchard, in Cordell 1975:47).

In 1975, Trenches B, C, D, G, and H were placed south of Room 101 and exposed underlying walls (Cordell 1977a:18).

Three tree rings were obtained in 1974, from the 2nd level of fill (2B). Dates ranged from 1372vv to 1391r (Cordell 1977a:49).

Artifacts, Photographs, and Maps in the Collections

Table 4.8 summarizes the artifacts from Room 101 in the Maxwell Museum collections.

Table 4.8. Room 101, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Pollen	Artifacts/ Other*
2A	x	x	x		
2B	x	x	x		
2C-T1					x
2C	x	x	x	x	x
2D-T1		x			
2D	x	x	x	x	x
2E-T1	x	x			
2E	x	x	x	x	x
2F	x		x		
2G-T1		x			
2G	x				
2H-T1		x			

Table 4.8. Room 101, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Pollen	Artifacts/ Other*
2H	x				
3A	x	x	x	x	
3B	x	x	x	x	
4A-T1	x	x	x		
4A(one)	x	x	x		x
4A(two)	x	x	x		
5A-T2	x		x		
Unknown**					x
*Includes the following items: Level 2C-T1: a worked bone, and a shell bead. Level 2C: a restorable ceramic item. Level 2D: a bone bead. Level 2E: a shell pendant. Level 4A(one): pigments. **Soil was taken from an unidentified level, and pollen was taken from an unidentified sub-unit of Level 4A.					

Thirteen photos were taken in Room 101 (Table A.1). Figure 4.5 shows the stone slab first floor (4A[one]) with the post hole feature (F1). Figure 4.6 shows the adobe first floor (4A[two]).



Figure 4.5. Room 101, first floor (4A[one]) and post hole (F1).Source: Cat. No. 80.33.274A.



Figure 4.6. Room 101, first floor (4A[two]). Source: Cat. No. 80.33.277A.

Room 101 appears on maps created in 1974, 1975, and 1976. All of the maps provide plan views of the room. Two of the 1974 maps (Cat. Nos. 2005.25.15168 and .15169) provide profile views.



Chapter 5

ROOMS 47 AND 106

Rooms 47 and 106, in Room Block 1, were excavated in 1974. Room 106 was found below Room 47.

Room 47

Figure 5.1 shows the locations of Room 47 within the room block. Figure 5.2 shows a room plan and profile.

1974 Excavations

Linda Cordell led the 1974 excavation that identified this room. Nine student notebooks (Cat. Nos. 79.84.130, .131, .151, .154, .157, .160, .165, .166, and 93.16.14) describe work in the room from June 10 through July 3.

Data from Field Forms (Cat. No. 79.84.22)

Grid Level Records. Two forms were recorded for the first level of fill (2A); the information is inconsistent.

According to a form for the second level of fill (2B), the sub-datum for this room was at 020S/100E. A badly eroded hearth (F1) was found in the southern part of the unit.

A form for the third level of fill (2C) includes a diagram of Test Pit 1 (T1) in the room's northwest corner.

The form for the first floor (4A) identifies a hearth (F1) located at 3.15 feet BSD, 3.9 feet from the room's west wall and 1.8 feet from the north wall. This location is inconsistent with the one in the feature form (see below), unless it is a different hearth. The form also mentions an unidentified feature (F2) located at 3.2 feet BSD, 7.8 feet from the room's west wall and 1 foot from the north wall.

A single form was completed for seven levels of fill below the first floor in Test Pit 2 (T2). The levels extended from 2.95 to 6.7 feet BD; the fill was mostly hard adobe with some soft material. The students did not find another floor, nor did they reach culturally sterile soil. An associated diagram shows Test Pit 2 (T2), which was placed against the room's north wall just west of the center of the room. Wall details are provided in Table 5.1.

Feature Forms. A form was completed for the hearth (F1) located at 2.15 feet BSD, at grid position 028.6S/107E. The hearth fill included red-brown adobe wash and chunks of adobe. The hearth measured 1.5 feet north-south and 1.9 feet east-west, and was 0.6 foot deep.

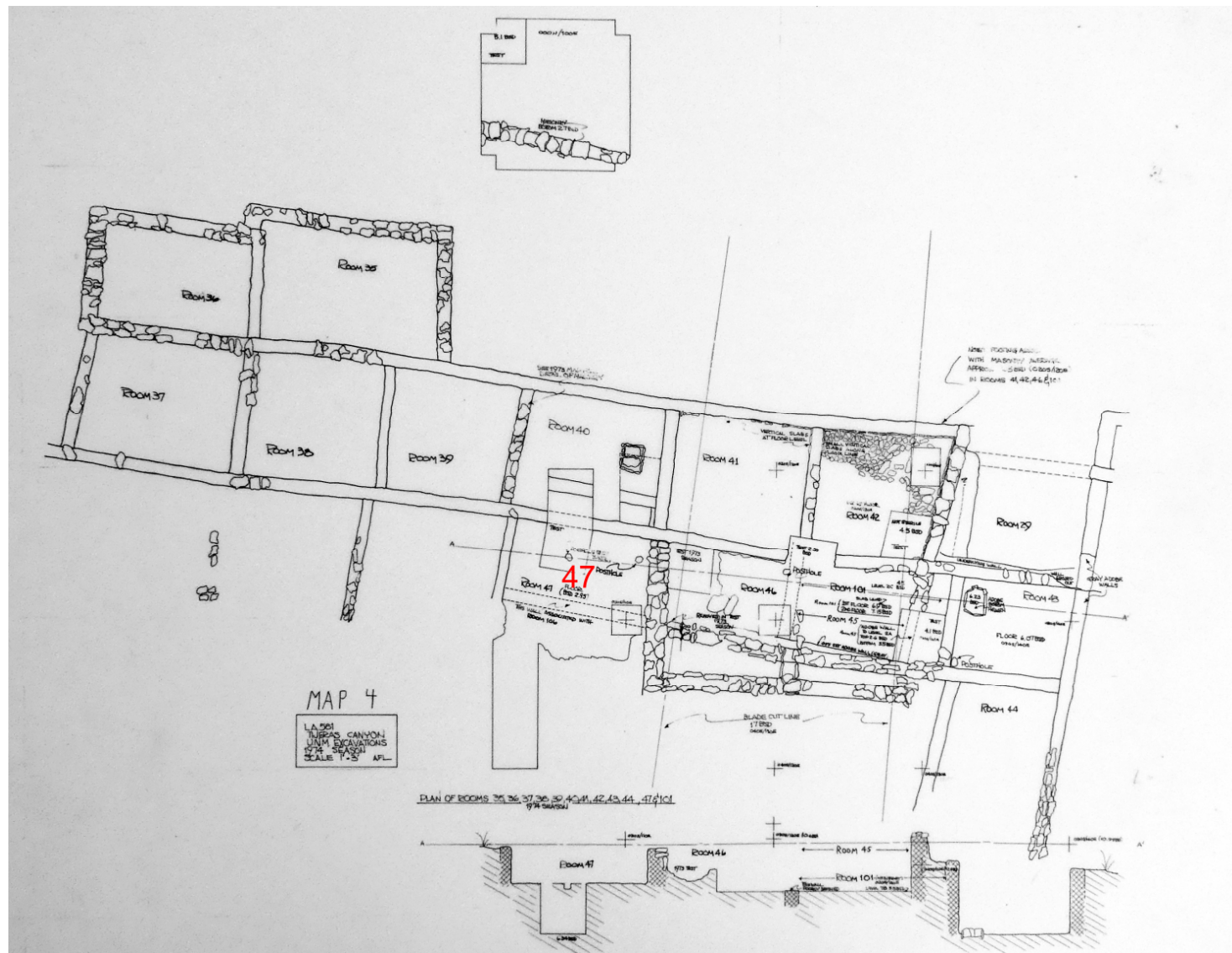


Figure 5.1. Room 47 within Room Block 1. Room 106 was directly below Room 47. Source drawing: Cat. No. 2005.25.15168.

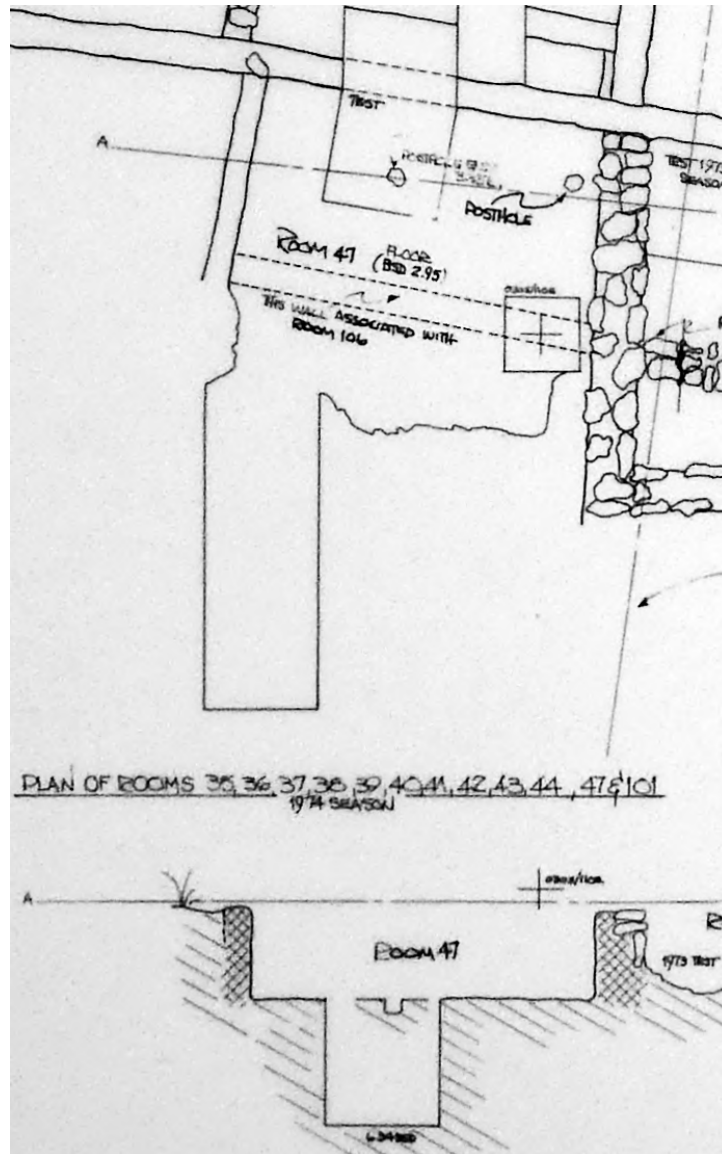


Figure 5.2. Plan and profile of Room 47. Source drawing: Cat. No. 2005.25.15168.

Table 5.1. Room 47, Wall Details.

	Length (ft)	Thick (ft)	Material
North	10	0.7	Adobe
South		0.9	Adobe (slumping)
West			Adobe (possibly)

A feature form was completed for the first floor (4A), and indicated its vertical position as 2.8 to 3.2 feet BSD. As I mentioned, this is inconsistent with the information in the grid level record for the first floor. The feature form associates the first floor (4A) with post holes identified as F1 and F2.

Forms were completed for the two post holes (F1, F2), which were located at 3.15 feet BSD and 3.2 feet BSD. The fill of both was soft dirt. Each measured 5 inches in diameter. These postholes (F1, F2) were associated with the only remaining area of the identifiable floor.

Observations from Notebooks

At the first level of fill (2A), the north wall was 7.5 inches thick and the east wall was 10 inches thick. At that depth, walls lengths were 9.6 feet (north), 5.9 feet (east), and 6.7 feet (west) (Cat. No. 79.84.130). The students defined the north wall and a doorway in the room's northeast corner (Cat. No. 79.84.165).

At the second level of fill (2B), the students identified burned adobe blocks in the room's southwest corner and a fragmentary hearth (F1) located at 1.9 feet BSD (Cat. No. 79.84.130). A second notebook (Cat. No. 93.16.14) described the feature as a slab hearth (F1) located 4 inches below the top of the second level of fill (2B). The southern part of the hearth was eroded and no associated floor could be found. A diagram (Cat. No. 79.84.165) prepared at this point in the excavation showed the length of the south wall as 9.5 feet.

The students began a 3 by 3 foot test pit (T1) in the room's northwest corner, starting from the third level of fill (2C), to look for a floor (Cat. No. 79.84.130). The same notebook includes a diagram of the third level of fill (2C) that shows the north wall as 9 feet long, the west wall as 8.8 feet long, and rocks embedded in and protruding from the south wall.

The students identified two post holes (F1, F2) associated with the first floor (4A) (Cat. No. 79.84.165).

The students dug Test Pit 2 (T2), a 3 by 2.6 foot subfloor test at the center of the room's north wall, starting from the first level of fill below the first floor (5A) (Cat. Nos. 79.84.130 and .160; Cat. No. 93.16.14). They then expanded Test Pit 2 (T2) into a trench through the room's north wall, extending it into Room 40. They did so to determine the location of a wall found in 1973, in a test in Room 40's southeast corner. The test confirmed that Room 47's north wall ended at 3.7 feet BSD (Cat. No. 79.84.130). In removing Room 47's north wall, the students discovered Room 106 (Cat. No. 79.84.154).

Summary of Excavations by Level

Table 5.2 summarizes the excavations by level.

Table 5.2. Room 47, 1974 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2A – 1 st level fill	Located at 0.85–1.5 feet BSD, matrix of adobe wash, small amount of charcoal mixed in. Located at 2.1–2.55 feet BSD, matrix of hard adobe & loose silt.	Weathering, slumping; lots of charcoal in northwest area (Cat. No. 79.84.130). Matrix of very hard adobe fill (Cat. No. 79.84.160). Removed level of very hard dirt (Cat. No. 79.84.165). Identified east and west walls (Cat. No. 79.84.160).
2B – 2 nd level fill	Located at 1.5–2.15 feet BSD.	
2C-T1 – 3 rd level fill in Test Pit 1		No floor identified (Cat. No. 79.84.130).
2C – 3 rd level fill	Located at 2.15–2.75 feet BSD, matrix of red-brown adobe wash.	Extended to 2.75 feet BSD, removed whole level, and identified south wall (Cat. No. 79.84.130).
4A-T1 – 1 st floor in Test Pit 1		Originally designated 4 th level fill in Test Pit 1 (2D-T1). Found floor along the north wall (Cat. No. 79.84.130).
4A – 1 st floor	Located at 2.8–2.95 feet BSD, matrix of red-brown adobe wash. Located at 2.8–3.2 feet BSD, soft fill.	Located at 2.8–3.2 feet BSD, parts of floor are lost/eroded (Cat. No. 79.84.165).
5A-T2 – 1 st level fill below 4A in Test Pit 2	Located at 2.95–3.55 feet BSD.	
5B-T2 – 2 nd level fill below 4A in Test Pit 2	Located at 3.55–4.10 feet BSD.	
5C-T2 – 3 rd level fill below 4A in Test Pit 2	Located at 4.10–4.70 feet BSD.	
5D-T2 – 4 th level fill below 4A in Test Pit 2	Located at 4.70–5.20 feet BSD.	
5E-T2 – 5 th level fill below 4A in Test Pit 2	Located at 5.20–5.70 feet BSD.	
5F-T2 – 6 th level fill below 4A in Test Pit 2	Located at 5.7–6.2 feet BSD.	
5G-T2 – 7 th level fill below 4A in Test Pit 2	Located at 6.2–6.7 feet BSD.	

Published Comments

The southern part of the room was lost due to erosion. The students located Room 106's south wall below Room 47 (Burtchard, in Cordell 1975:47).

Two tree ring samples collected in 1974 provided dates. A date of 1368r was obtained from the second level of fill (2B). A date of 1375+r was obtained from the first level of fill (2A) (Cordell 1977a:46).

Room 47 was removed by a Bernalillo County Highway Department road grader (Cordell (1975:5).

Artifacts, Photographs, and Maps in the Collections

Table 5.3 summarizes the artifacts from Room 47 in the Maxwell Museum collections.

Table 5.3. Room 47, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Artifacts/ Other*
2A	x	x	x		x
2B	x	x	x	x	x
2C-T1		x	x		
2C	x	x	x	x	x
4A	x	x	x		x
5A-T2	x	x	x		
5B-T2	x	x	x		
5C-T2	x	x	x		x
5D-T2	x		x		
5E-T2		x	x		
5F-T2	x	x	x		
5G-T2	x		x		
*Includes the following items: Level 2A: restorable ceramics and a knife/point. Level 2B: restorable ceramics and a shell pendant. Level 2C: restorable ceramics, an unfired pipe fragment, and a worked sherd. Level 4A: a rim sherd, a mano fragment, and a shell bead. Level 5C-T2: an obsidian point.					

The Maxwell Museum archives include five photographs of Room 47 (Table A.1). Figure 5.3 shows the hearth (F1) in the second level of fill (2B). Figure 5.4 shows the first floor (4A) with post holes (F1, F2).

Room 47 appears on maps created in 1973 and 1974. All of the maps provide plan views but only the 1974 map (Cat. No. 2005.25.15168) includes a profile (Table A.2).

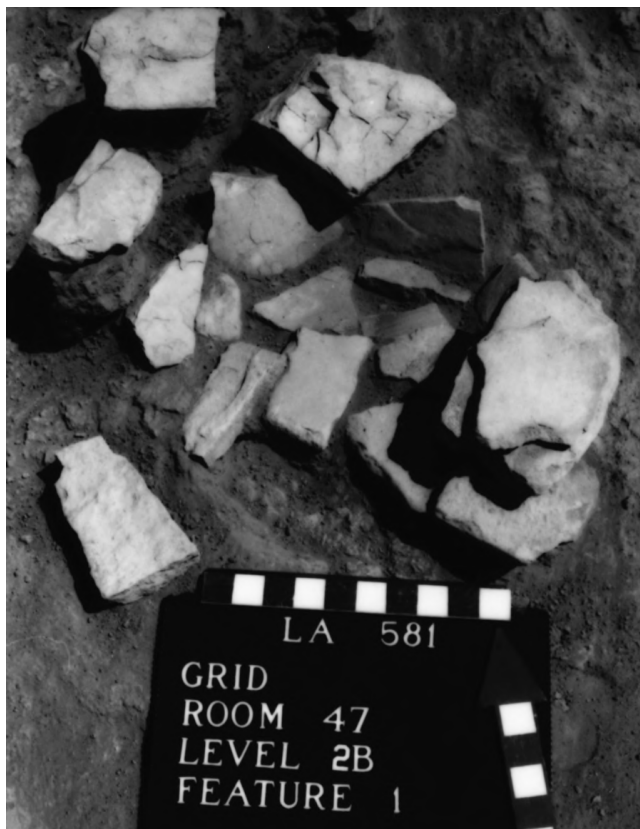


Figure 5.3. Room 47, hearth (F1) in second level of fill (2B). Source: Cat. No. 80.33.123A.

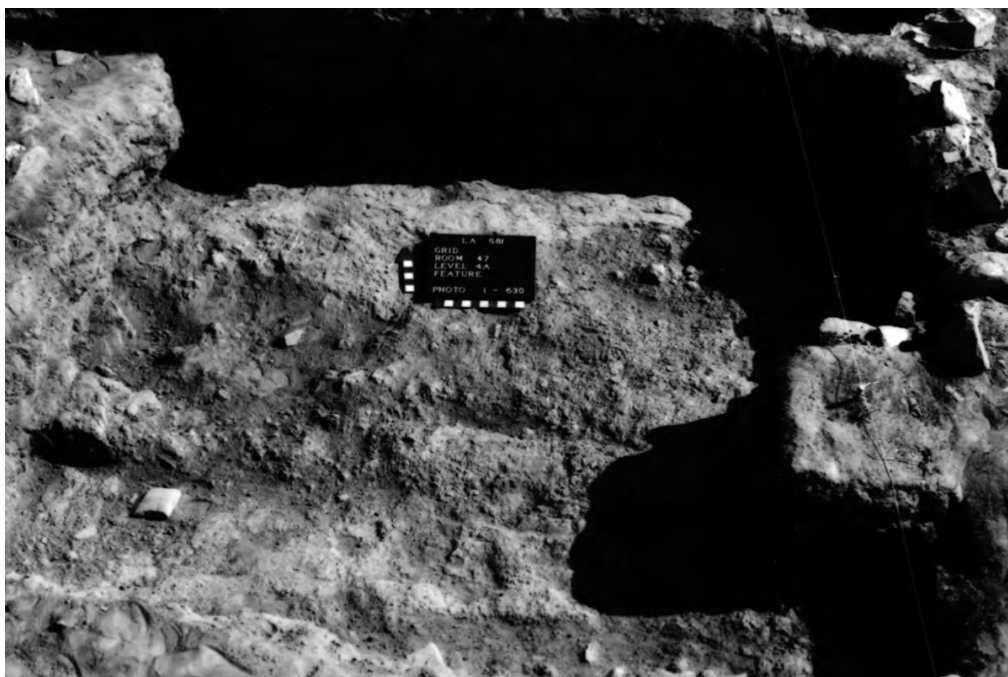


Figure 5.4. Room 47, first floor (4A) with post holes (F1, F2). Source: Cat. No. 80.33.135A.

Room 106

1974 Excavations

Linda Cordell led the 1974 excavations that identified this room. Nine student notebooks (Cat. Nos. 79.84.131, .145, .147, .154, .157, .164, .165, .166, and 93.16.14) describe work in the room from July 2 through July 25. Figure 5.5 shows the location of Room 106 within Room Block 1. Figure 5.6 provides a plan and profile of the room.

Data from Field Forms (Cat. No. 79.84.24)

Room Data Sheet. The sub-datum for this room was at 020S/100E and was 8.94 feet BD.

Room 106 was identified as most likely used for storage, since there were no floor features. Room fill was loose and consisted of adobe chunks, with windblown sand above the floor. Once the lowest floor was found, excavation continued to sterile.

A door was reported in the south wall (Table 5.4).

Table 5.4. Room 106, Wall Measurements and Details.

	Length (ft)	Height (ft)	Thick (ft)	Material
North	10.6	4.5–5.8	0.8	Adobe
East	6.65	4.5	0.9	Adobe
South	10.8	5–5.6	0.8	Adobe
West	6.8	6.2		Adobe

Depths of the four corners of the room were recorded as 8 feet BSD (northeast), 8.1 feet BSD (southeast), 7.8 feet BSD (southwest), and 7.4 feet BSD (northwest).

Grid Level Records. The form for the first level of fill (2A) indicated that the south face of Test Pit 1 (T1) extended from the first to the eighth levels of fill (2A-2H), displaying layers of adobe chunks mixed with loose fill from 11.75 to 15.89 feet BD. A diagram shows a subfloor test pit described as being near the middle of the room; it was referred to as Test Pit 2 (T2) and was an extension of Test Pit 2 (T2) in Room 47 (directly above Room 106). Starting with the seventh level of fill (2G), diagrams no longer show Test Pit 2 (T2).

A single form for subfloor tests lists three levels of fill (5A, 5B, 5C) below the first floor. This form indicates that the levels were in Test Pit 2 (T2) in the room's northwest corner. Note that this is a different T2 than the previously mentioned T2 that extended down from Room 47 into Room 106.

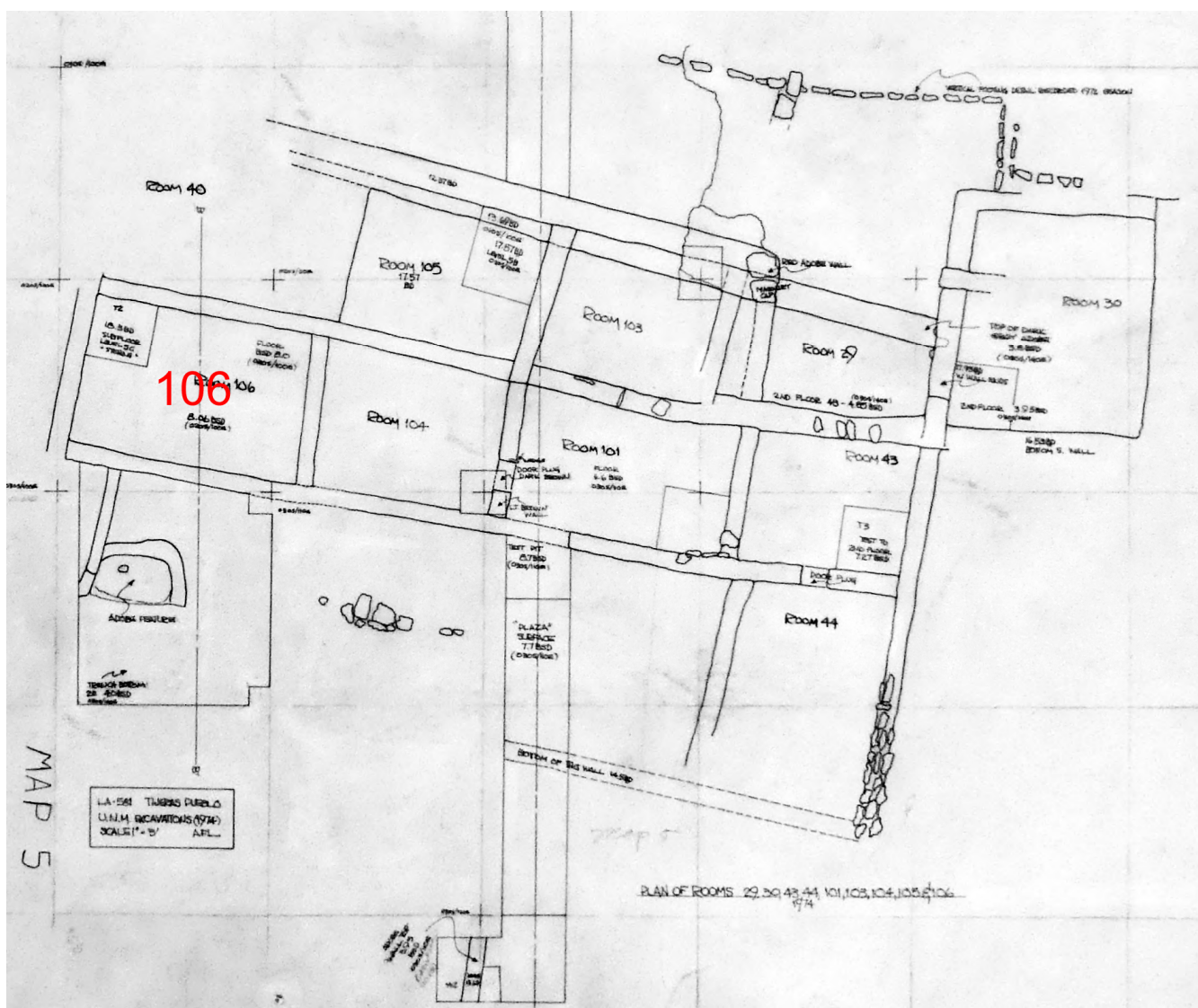


Figure 5.5. Room 106 within Room Block 1. Source drawing: Cat. No. 2005.25.15169.

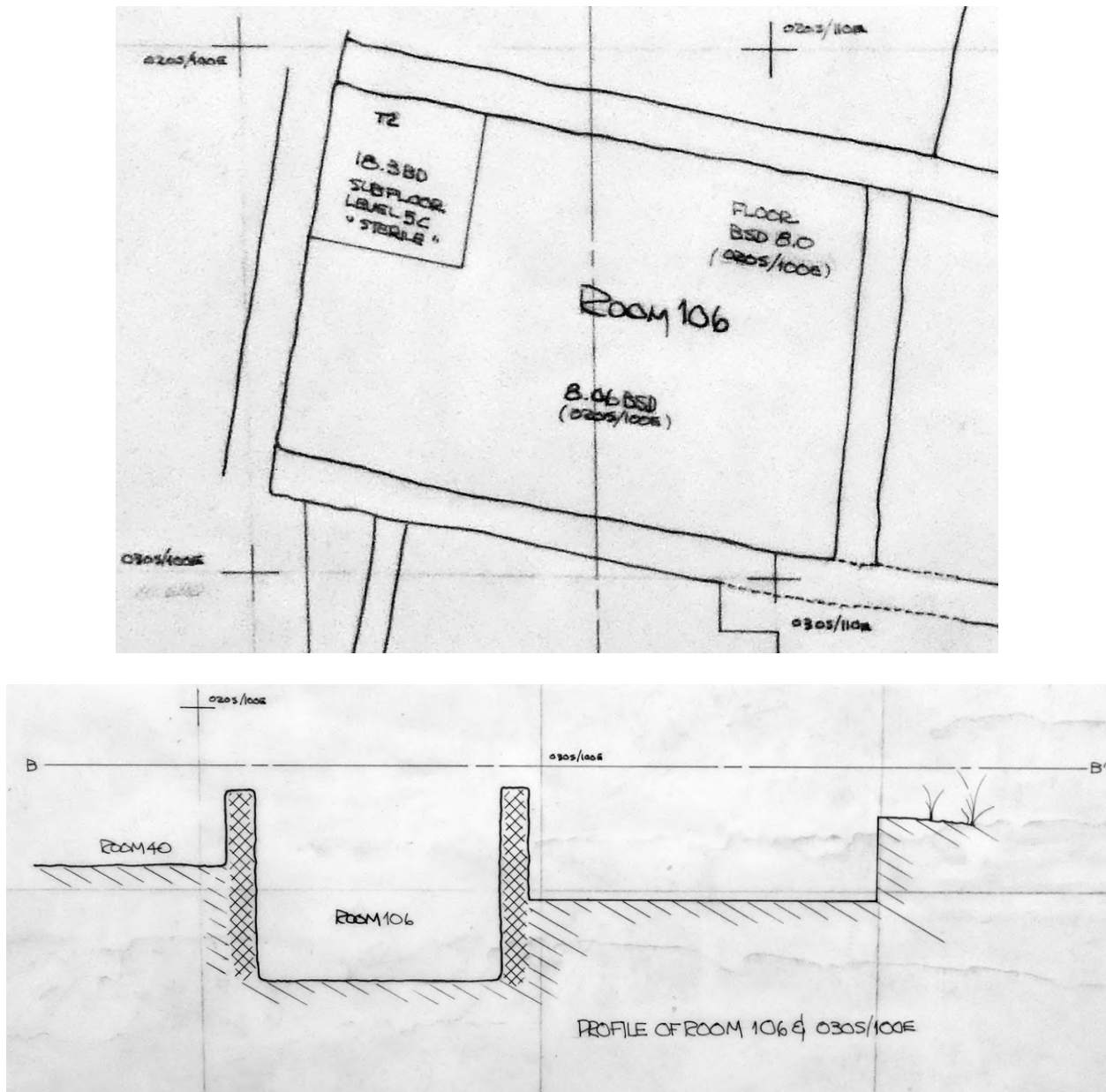


Figure 5.6. Plan and profile of Room 106. In the plan view, the B–B' profile line is vertical.
Source: Cat. No. 2005.25.15169.

Observations from Notebooks

Room 106 was identified when a wall was found underlying Room 47, just north of the north gridline of grid unit 030S/100E and extending from the grid unit's northeast corner to 1.5 feet north of the grid unit's northwest corner (Cat. No. 79.84.145). Room 106 also extended under the southern part of Room 40 (Cat. No. 79.84.131). The room was excavated after the removal of walls from later rooms (the north wall of Room 47, the east wall of Room 40, and the west wall of Room 46) (Cat. No. 79.84.154).

Test Pit 1 (T1) was a 3 by 3 foot pit in the room's northeast corner (Cat. Nos. 79.84.157, .166).

After identifying the first floor (4A), the students began removing levels across the whole room. At the first level of fill (2A), a diagram (Cat. No. 79.84.157) shows internal wall measurements as 12.36 feet (north), 11.75 feet (east), 11.42 feet (south), and 12.09 feet (west).

When removing the third level of fill (2C), the students found the room's northwest corner and west wall west of where they had expected, suggesting that the room was larger than thought during excavation of the first and second levels of fill (2A, 2B) across the "whole" room (Cat. No. 79.84.154, .157).

Room 106's subfloor test pit (T2) measured 3 by 3 feet and was located in the room's northwest corner (Cat. Nos. 79.84.166 and .154). This test is not to be confused with the T2 extending down from Room 47 into the middle of Room 106.

At the end of the season, the students placed plastic on the floor and the test pit and partly backfilled the room (Cat. No. 93.16.14).

A diagram (Cat. No. 79.84.154) shows wall abutments. The west wall extended north-south past the room. The south wall extended from the west wall, turned north at the southeast corner of the room, and abutted against the north wall. The north wall extended from there to the west wall. The diagram shows a pedestal in the room's southwest corner.

Summary of Excavations by Level

Table 5.5 summarizes the excavations by level.

Table 5.5. Room 106, 1974 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2A-T1 – 1 st level fill in Test Pit 1		Located at 12.39–12.89 feet BD/3.45–3.95 feet BSD (Cat. Nos. 79.84.154, .157). Removed stone footing and adobe wall (Cat. No. 79.84.157).
2A – 1 st level fill	Located at 11.75–12.25 feet BD, matrix of adobe and loose fill.	Located at 2.81–3.31 feet BSD, east wall not visible, matrix of adobe and loose fill (Cat. No. 79.84.154).
2B-T1 – 2 nd level fill in Test Pit 1		Located at 12.89–13.39 feet BD/3.95–4.45 feet BSD, matrix of adobe, room's east, north, south walls visible (Cat. Nos. 79.84.154, .157).
2B – 2 nd level fill	Located at 12.25–12.75 feet BD.	Located at 3.31–3.81 feet BSD (Cat. No. 79.84.154).

Table 5.5. Room 106, 1974 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2C-T1 – 3 rd level fill in Test Pit 1		Located at 13.39–13.88 feet BD/4.45–4.95 feet BSD, matrix of adobe. (Cat. Nos. 79.84.154, .157).
2C – 3 rd level fill	Located at 12.25–12.75 feet BD, matrix of adobe chunks. Ash lens along central 1/3 of west wall at about 12.25 feet BD. A diagram shows level located at 12.75–13.25 feet BD.	Located at 3.81–4.31 feet BSD, located room's northwest corner and west wall (Cat. No. 79.84.157).
2D-T1 – 4 th level fill in Test Pit 1		Located at 13.89–14.39 feet BD/4.95–5.45 feet BSD (Cat. No. 79.84.154).
2D – 4 th level fill	Located at 13.25–13.75 feet BD, matrix of adobe chunks and loose fill.	Located at 4.31–4.81 feet BSD (Cat. No. 79.84.154).
2E-T1 – 5 th level fill in Test Pit 1		Located at 14.39–14.89 feet BD/5.45–5.95 feet BSD (Cat. No. 79.84.154).
2E – 5 th level fill	Located at 13.75–14.25 feet BD, matrix of adobe chunks and loose fill.	
2F-T1 – 6 th level fill in Test Pit 1		Located at 14.89–15.39 feet BD/5.95–6.45 feet BSD (Cat. Nos. 79.84.166, .157).
2F – 6 th level fill	Located at 14.25–14.75 feet BD, matrix of chunky adobe with some loose fill.	
2G-T1 – 7 th level fill in Test Pit 1		Located at 15.39–15.89 feet BD/6.45–6.95 feet BSD, softer with some chunks (Cat. No. 79.84.166).
2G – 7 th level fill	Located at 14.75–15.25 feet BD, matrix of adobe chunks with some loose fill.	
2H-T1 – 8 th level fill in Test Pit 1		Located at 15.89–16.39 feet BD/6.95–7.45 feet BSD, rocks protruding out of non-wall edges of pit (Cat. No. 79.84.154).
2H – 8 th level fill	Located at 15.25–15.89 feet BD, matrix of adobe with loose fill.	Located at 6.31–6.95 feet BSD (Cat. No. 79.84.154).
2I-T1 – 9 th level fill in Test Pit 1		Cat. No. 79.84.154
3A-T1 – 1 st level roof fall in Test Pit 1	Located at 15.89–16.59 feet BD, with rocks.	Extended too deep to 16.74 feet BD (Cat. No. 79.84.154)
3A – 1 st level roof fall	Located at 15.89–16.74 feet BD, matrix of adobe chunks, loose fill, little ash and rocks.	Located at 15.89–16.59 feet BD (Cat. No. 79.84.166).
4A-T1 – 1 st floor in Test Pit 1	Located 16.59–16.94 feet BD.	Floor found under 2 rock slabs (Cat. No. 79.84.166).

Table 5.5. Room 106, 1974 Excavated Levels.

Level	From the Field Forms	From the Notebooks
4A – 1 st floor	Located at 16.74–16.94 feet BD/7.95 feet BSD, 0.075 foot thick, made of adobe, matrix of loose sandy fill with some adobe.	Floor slopes up toward room's west wall (Cat. No. 79.84.154).
5A-T2 – 1 st level fill below 4A in Test Pit 2	Located at 16.79–17.29 feet BD. The room's west wall ended at 16.79 feet BD.	Difference in depth of top of 5A and bottom of 4A was from sloping floor, west and north walls ended at top of 5A (Cat. No. 79.84.154).
5B-T2 – 2 nd level fill below 4A in Test Pit 2	Located at 17.29–17.79 feet BD.	
5C-T2 – 3 rd level fill below 4A in Test Pit 2	Located at 17.79–18.29 feet BD, at sterile.	

Published Comments

Room 106 was discovered by hand excavation in a test trench after a Bernalillo County Highway Department road grader removed upper level rooms (Cordell 1975:5).

The test trench was north of the north wall of Room 47 (directly above Room 106). The south wall had been found while excavating Room 47 (Burtchard, in Cordell 1975:47).

Artifacts, Photographs, and Maps in the Collections

Table 5.6 summarizes the artifacts from Room 106 in the Maxwell Museum collection.

Table 5.6. Room 106, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Soil	Pollen	Eggshell	Artifacts/ Other*
2A-T1	x		x				
2A	x	x	x	x	x	x	x
2B-T1	x		x				
2B	x	x	x	x	x	x	x
2C-T1	x		x				
2C	x	x	x	x	x		x
2D-T1	x	x	x				
2D	x	x	x	x	x		x
2E-T1	x		x				
2E	x	x	x	x	x		x
2F-T1	x	x	x				
2F	x	x	x	x	x		x
2G-T1	x	x	x				

Table 5.6. Room 106, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Soil	Pollen	Eggshell	Artifacts/ Other*
2G	x	x	x	x	x		x
2H-T1			x				
2H	x	x	x	x	x		x
3A	x	x	x	x	x		x
4A-T1	x	x	x				x
4A	x	x	x	x	x		x
5A-T2	x			x	x		
5B-T2	x			x	x		
5C-T2				x	x		
Unknown**							x
<p>*Includes the following items: Level 2A: a shell bead. Level 2B: a knife and maize. Level 2C: an unidentified ceramic item, an obsidian point, and a bone awl. Level 2D: a worked sherd. Level 2E: an obsidian point. Level 2F: a bone awl. Level 2G: a chisel and a mano fragment. Level 2H: bone awls. Level 3A: a mano, a scraper, and worked bones. Level 4A-T1: a mano fragment and a fossilized shell. Level 4A: a shell pendant blank.</p> <p>**A ceramic bowl was found in an unidentified level.</p>							

The Maxwell Museum archives include 10 photographs of Room 106 (Table A.1). Figure 5.7 shows the excavation at the seventh level of fill and also the first floor (4A).

Room 106 appears on maps created in 1974, 1975, and 1976. All provide plan views but only one of the 1974 maps (Cat. No. 2005.25.15169) includes a profile (Table A.2).



Figure 5.7. Two views of Room 106. *Left:* seventh level of fill (2F). Test Pit 1 (T1) is at the lower right. The bottom of the Test Pit 2 (T2) extension dug down from Room 47 is visible at the center of the room. Source: Cat. No. 80.33.282A
Right: the first floor (4A). Source: Cat. No. 80.33.304A.



Chapter 6

ROOMS 19–21 and 23

Figure 6.1 shows the locations of Rooms 19–21 and 23 within Room Block 1. These rooms are well documented.

Room 19

Figure 6.2 shows the plan and profile for Room 19.

1971 Excavations

James Judge led the excavations at Tijeras in 1971. There are no student notebooks for that year in the Maxwell Museum archives.

Data from Field Forms (Cat. No. 79.84.9)

The sub-datum values for Room 19 were 010S/130E, 10.16 feet BD.

Grid Level Records. A form for the first floor (4A) described it as made of puddled adobe and located at 1.0 foot BSD, in a matrix of hard ash fill.

Feature Forms. A form for the room recorded its location as 1.0 feet BSD in grid unit 010S/130E. The west wall was 7 feet long and 1 foot deep. The room was filled with hard ash, with maize covering the floor. The east end of the room was very disturbed; a diagram shows an area of floor measuring about 3 by 2 feet in the northwest corner of the room. The room covered a trash mound. One diagram showed a test pit stepped in order to measure an ash lens (and with at least eight layers). A second diagram of the test pit shows a wall at 1 foot BSD, a layer shaded red beneath that, then a layer not shaded any color, then a red layer marked “clay” at 2 feet BSD, then a layer not shaded any color, then five thin blue layers marked ash (with two thin red layers above and below the bottom blue layer) down to 3 feet BSD.

1972 Excavations

James Judge also led the 1972 excavation of the room. Seven student notebooks (Cat. Nos. 79.84.66, .67, .68, .76, .81, .87, and .88) describe work in the room from June 20 through July 19.

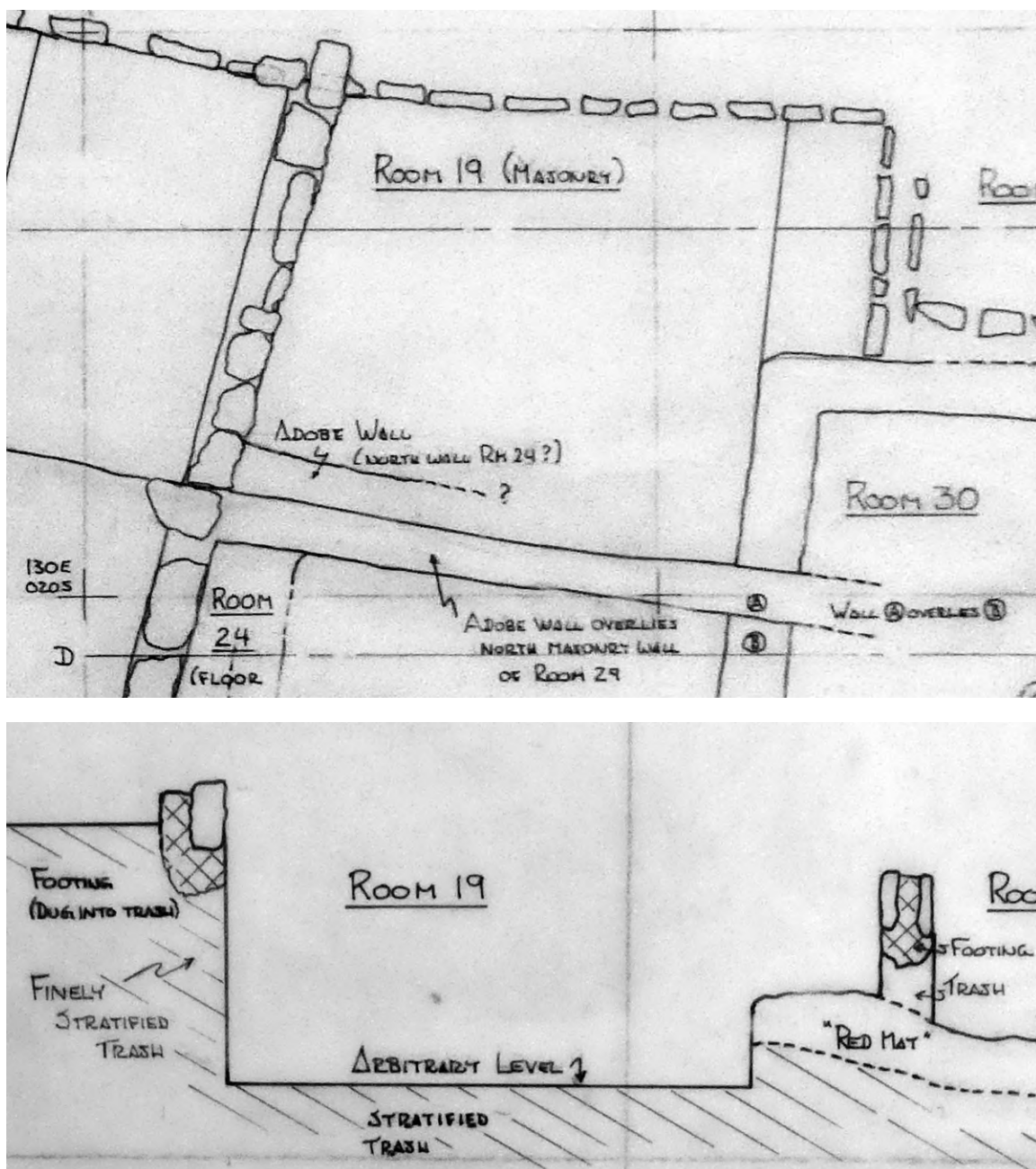


Figure 6.2. Plan and profile of Room 19. Source drawing: Cat. No. 2005.25.15194.

Data from Field Forms (Cat. No. 79.84.9)

There was no room data sheet for the room, but similar information was provided in grid level records and feature forms.

Grid Level Records. A record for the first surface level (1A) indicated that the level fill was not screened because backdirt from a previous excavation had contaminated those deposits. An

associated diagram shows that the room's west wall, three holes just north of a partial south wall, and the northwest and southwest room corners were visible at this level.

A record for the first level of fill below the first floor (5A) mentions a partial burial (B1) consisting of a skull fragment, a parietal bone, a tooth, and associated pottery. An associated diagram for the burial shows a masonry north wall, a west wall with a heavy ash concentration, a test pit north of the room's southwest corner, and areas of stratified deposits in the room's northwest corner, its southwest corner, and along the middle of the west wall.

A record for the second level of fill below the first floor (5B) mentions a former test pit in the room's southwest corner, places the burial (B1) pit just north of the room's south wall, and places a pedestal at grid position 020S/140E.

A record for the third level of fill below the first floor (5C) describes a slab masonry north wall, an adobe partial south wall, and a "possible" slab masonry east wall.

Burial Forms. According to the form for burial B1, the skull was found at grid position 017S/131.5E, 2.25 feet BSD (1.7 feet below the surface) and was associated with the second level of fill below the first floor (5B) and a cist. The skeleton was flexed, lying on its right side at the bottom of the pit. The skull was too deteriorated to allow the excavator to determine which way it faced. Interment fill was brown soil mixed with ash and trash; the surrounding matrix was trash with large amounts of ash. Bones were mostly missing, and those present were broken. The pelvis extended "into" the room's adobe south wall.

Typed student notes (Cat. No. 79.84.9) for the burial (B1) describe a parietal bone found in the room's southeast corner, lumbar vertebrae and part of the pelvis extending under the room's adobe south wall, a leg bone found in a "possible" wall near the room's southeast corner, and a poorly defined adobe-lined cist.

According to a form for burial B2, the skull was found at grid position 017.5S/140E, 3.05 feet BSD (10.16 feet BD). This was a cist burial in the room's southeast corner, in a flexed position with the skull facing southeast. Interment fill was brown soil surrounded by trash mixed with ash. The bones were in poor condition, and most were missing.

Typed student notes (Cat. No. 79.84.9) for burial B2 describe a partial skull found directly below B1 in the defined pit, at grid position 017S/130E.

A form for burial B3 describes a deteriorated skull found at grid position 014.3S/143.4E, 2.9 feet BSD (0.55 foot below the surface), associated with the sixth level of fill below the first floor (5F) and a cist. The skeleton was flexed on its right side, possibly with the face down. Interment fill was brown soil with trash and ash, with a surrounding matrix of adobe, trash, and ash. The bones were in poor condition, and most were missing. An associated diagram shows the room's adobe east wall and the adobe-lined burial cist at the east wall, south of the room's northeast corner, and adobe and masonry south and west walls.

Typed student notes (Cat. No. 79.84.9) mention that cist burial B3 was found in an area of hard adobe-rich soil, near the presumed location of the room's east wall.

A form was recorded for a cist burial B4 in the tenth level of fill below the first floor (5J), where the skull of an adult male was found at grid position 016S/138E, 5.65 feet BSD (0.61 foot below the surface). The skeleton was flexed with the skull facing northeast. The bones were in good condition but the feet, some arm bones, the top incisors, the left ribs, and the hands were missing. Interment fill was brown soil with some adobe, ash and charcoal at the bottom of the pit. The walls of the burial cist were described as adobe.

Typed student notes (Cat. No. 79.84.9) state that the burial (B4) was at the west end of the room, in a cist at 5.2 feet BSD. The notes list a leg from a large person, the distal ends of both femurs, and a large horn core placed to the right of B4 near the room's north wall. The skull was found at the east end of the pit, with legs flexed "over" the stomach. B4 was identified as associated with the tenth level of fill below the first floor (5J); the ninth level of fill below the first floor (5I) had already been removed. The cist extended to 1.41 feet below the surface of level 5J. A diagram shows the cist (B4) extending down into an area marked "unexcavated."

Feature Forms. A feature form for the first floor (4A) placed it at 0.92 feet BSD/0.65 foot below the surface, with the northwest corner at grid positions 010-013.6S/135.2E. The floor measured 10 feet east-west and 3.7 feet north-south; the north end was 2.8 feet deep, the east was 2.2 feet deep, and the west end was 0.6 foot deep. The floor was associated with four burials (B1–B4).

A form for the cist associated with burial B1 placed it at 10.16 feet BD/2.5 feet BSD, at grid position 020S/130E, with the cist's center located at 017S/140E. The cist measured 3.4 by 1.8 feet and was 1.1 feet deep at its center.

A form for the cist associated with burial B2 placed it at 10.16 feet BD/3.6 feet BSD, with the center of the pit at grid position 017.3S/139.7E. The cist measured 2.1 by 1.1 feet across and was 0.5 foot deep. The interment fill was brown soil. The pit was dug into ash-rich trash.

A form for the cist associated with burial B3 placed it at 10.16 feet BD/3.4 feet BSD, in the sixth level of fill below the first floor (5F), with the center of the cist at grid position 013.8S/142.3E. The cist measured 2.5 by 1.3 feet and was 0.55 foot deep. The pit fill was brown soil mixed with ash and trash. A large plain rim sherd was found at grid position 014S/141.7E.

A form for the cist associated with burial B4 placed it at 5.2 feet BD/1.14 feet below the surface, at grid position 015.4S/137E. The cist was associated with the tenth level of fill below the first floor (5J). The cist measured 3.5 by 1.2 feet and was 1.41 feet deep. The pit fill was brown soil; some adobe, ash, and charcoal were present at the bottom of the pit, under the leg bones. The skeleton was in good condition.

Observations from Notebooks

One 1972 notebook mentions that a floor had been removed in 1971, which caused the students to change their 1972 level designations from levels of fill (2x) to levels of fill below the first

floor (5x) (Cat. No. 79.84.76). A different notebook (Cat. No. 79.84.87) states that a student excavating in the room in 1971 had reported finding an adobe floor 6 inches below the surface, and over a burial (B1). That same notebook indicates that the floor disappeared as one moved east across the room. Burial B1 was found in the southeast wall area, just inside the room's south wall (Cat. Nos. 79.84.66 and .76). The burial extended below the room's adobe south wall (Cat. No. 79.84.87).

A third notebook (Cat. No. 79.84.66) indicates that the room spanned 130E and 140E, had a masonry east wall, had a test pit extending north from the room's southwest corner, had a stratigraphic column extending south from the room's northwest corner, and had a masonry north wall. Another notebook (Cat. No. 79.84.81) reports that the room identified above grid units 010S/140E and 020S/150E had walls of adobe and masonry.

A rag was found sticking out of an earlier dug trench (Cat. No. 79.84.66). A "suspicious looking" silk strap was found at the first level of fill (2A) (Cat. No. 79.84.87).

The students reopened the previously excavated test pit in the room's southwest corner (Cat. No. 79.84.76) and a previously excavated test trench in the room's northwest corner (Cat. No. 79.84.88).

The room's east wall was adobe and masonry. The south wall (Room 29's north wall) was removed in two levels. The first level was an adobe wall foundation containing plant material mixed with sandy soil with abundant "dispersed" adobe. The second level was trash and room fill. Room 19's masonry north wall did not extend down to the floor (Cat. No. 79.84.81). The masonry in the room's west extended half way across the wall. At the north wall, upright stone slabs extended below the west wall (Cat. No. 79.84.87).

Room 19 was built on trash (Cat. No. 79.84.81).

The fourth cist burial (B4) was found in the tenth level of fill below the first floor (5J), located at grid position 011.4S/135.8E. The bones were in very good condition, unlike the other three burials (Cat. No. 79.84.81). The same student remarked that the ninth level of fill below the first floor (5I) was the location of a test trench in the room's southeast corner, which had a "cutout" (in its southeast corner) where Room 30 fit into Room 19.

Summary of Excavations by Level

Table 6.1 summarizes the excavations by level.

Table 6.1. Room 19, 1972 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1A – 1 st surface level	Matrix of loose brown dirt.	
2B* – 2 nd level fill		Ash layer located at top of level (Cat. No. 79.84.81).
4A – 1 st floor	Located at 0.92 foot BSD/0.65 foot below the surface, fill of trash and ash.	
5A – 1 st level fill below 4A	Located at 6” below the surface, matrix of brown dirt with heavy ash throughout.	Evidence of human remains (Cat. No. 79.84.88).
5B – 2 nd level fill below 4A	Located at 1 foot below surface, matrix of dirt filled ash just above charcoal lens.	Soft soil mixed with heavy ash concentration (Cat. No. 79.84.76).
5C – 3 rd level fill below 4A	Located at 3.15 feet BSD in center of room, matrix of trash with heavy ash concentration.	Heavy ash concentrate (Cat. No. 79.84.88). Floated entire level (Cat. No. 79.84.88).
5D – 4 th level fill below 4A		Located at 3.45 feet BSD, bone level exposed in test trench in room’s northwest corner (Cat. No. 79.84.88). Floated entire level (Cat. No. 79.84.76).
5E – 5 th level fill below 4A		Located at 5.85 feet BSD (Cat. No. 79.84.88). Tops of south and west walls visible (Cat. No. 79.84.76).
5F – 6 th level fill below 4A	Located at 10.16 feet BD, matrix of brown fill mixed with adobe, heavy ash, trash. Contains adobe lined cist burial B3.	
5G – 7 th level fill below 4A	Located at 4.5 feet BSD. Contains cist burial B4	
5H – 8 th level fill below 4A	Located at 10.16 feet BD, matrix of brown fill mixed adobe, trash, ash.	A 6 inch level (Cat. No. 79.84.81). Hard packed, dark brown adobe rich soil found at bottom of level (Cat. No. 79.84.76).
5I – 9 th level fill below 4A		Evidence of a burial of a large person (Cat. Nos. 79.84.68, .81). A 6 inch level, very hard soil with large adobe chunks (Cat. No. 79.84.81).
5J – 10 th level fill below 4A	Location of cist for burial B4.	
*Later identified as Level 5x.		

Published Comments

Table 6.2 describes the burials found in Room 19 (Rhine in Judge 1974, Appendix C).

Table 6.2. Room 19, 1972 Excavated Burials.

Catalogue No.	Osteo/ Burial No.	Room 19 Provenience	Description
73.106.1	6	B1 - 2 nd level fill below 1 st floor	12–15 yrs, incomplete, mostly postcranial
73.106.4	9	B2 – 3 rd level fill below 1 st floor	About 1 yr, poor, skull fragment
73.106.5	10	B3 – 6 th level fill below 1 st floor	About 2 yrs, poor, skull fragment
73.106.3	8	B4 – 10 th level fill below 1 st floor	Male, 30+, 158 cm/62”, good, fairly complete

1974 Summary of Judge Excavations

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

A form lists the location of Room 19 as grid 010S/130E, with twelve levels excavated (first surface level [1A], first level of fill [2A], first floor [4A], and nine levels of fill below the first floor [5A–5I]), to a depth of 5.9 feet BSD. The adobe first floor (4A) measured 8.2 by 4.0 feet at a depth of 0.92 foot. The room had adobe walls. Four burials were found.

Artifacts, Photographs, and Maps in the Collections

Six artifact bags in the Maxwell Museum collections indicate that artifacts were recovered from a test pit in the room in 1971. Five of the bags are marked as coming from the test pit below a floor.

Table 6.3 lists the artifacts from Room 19 in the Maxwell Museum collections. In Table 6.3 and for Room 19 in general, all levels identified as 2x in parentheses were later identified as coming from level 5x. Both 2x and 5x designations are included here because both are used in the Maxwell Museum collections and artifact databases.

Table 6.3. Room 19, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Pollen	Flota- tion	Plant Material	Soil	Artifacts/ Other*
1A	x		x						x
4A									x
5A(2A)	x	x	x	x		x	x	x	x
5A(2A)-burial									x
5B(2B)	x	x	x				x		x
5B(2B)-B1	x	x	x						x
5B-F1								x	
5B-F2	x	x	x						x
5C(2C)	x	x	x			x		x	x

Table 6.3. Room 19, Artifacts in the Maxwell Museum.

5C-B2	x	x	x						
5D(2D)	x	x	x		x	x		x	x
5E(2E)	x	x	x		x	x		x	x
5F(2F)	x	x	x		x	x	x	x	x
5F-B3	x	x							x
5G(2G)	x	x	x		x	x	x	x	x
5G-B4								x	
5H	x	x	x	x	x		x	x	x
5I	x	x	x		x	x	x		
5J-B4	x				x	x			
F1-Burial cist			x						
Test		x	x						x
Test below floor	x		x						
East wall	x	x	x	x					
West wall trench fill	x	x	x						
Unknown/other**	x	x	x	x					x
<p>*Includes the following items: Level 1A: a stone scraper and a shell bead. Level 4A: an argillite fragment and a shell bead. Level 5A(2A): points (including obsidian, chert), a turquoise pendant, an argillite pendant blank, a shell, and bone beads. Level 5A(2A)–burial: sherd associated with parietal, and construction clay. Level 5B(2B): a worked sherd, points (including chert, chalcedony, limestone), a stone graver, a knife, a bone needle, and gypsum. Level 5B(2B)–burial: construction clay. Level 5B-F2: an argillite pendant. Level 5C(2C): an obsidian point, a polishing stone, a paint stone, and a piece of quartz. Level 5D(2D): a chalcedony point, and a calcite bead. Level 5E(2E): a chalcedony point. Level 5F(2F): restorable ceramics, points (including chalcedony, agate, obsidian), a quartzite hammerstone, a calcite pendant, and a bone awl. Level 5F-B3: a rim sherd. Level 5G(2G): a ceramic pipe fragment, and worked stone. Level 5H: obsidian points, a stone graver, a bone flute, and a bone awl. Test: teeth. **Unknown: points. Other: sherds, stone, bone, and maize were recorded as coming from the north wall of Room 24 but identified as artifacts excavated from Room 19.</p>									

The Maxwell Museum archives include 12 photographs of Room 19 (Table A.1). Once again, levels marked 2x were later identified as level 5x but both identifications will be found in the photographs. Figure 6.3 is a profile of the room's west wall from the surface (1A) through the tenth level of fill below the first floor (5J). Figure 6.4 is a detail of the north wall with its upright slabs.



Figure 6.3. Room 19, west wall profile (surface through 5J). Source: Cat. No. 80.24.779A.



Figure 6.4. Room 19, showing upright slabs in north wall. Source: Cat. No. 80.24.716A.

Room 19 appears on maps created in 1972 and 1973. All of the maps provide plan views of the room, but only the 1972 map (Cat. No. 2005.25.15194) includes a profile view (Table A.2).

Room 20

Figure 6.5 shows the plan and profile for Room 20.

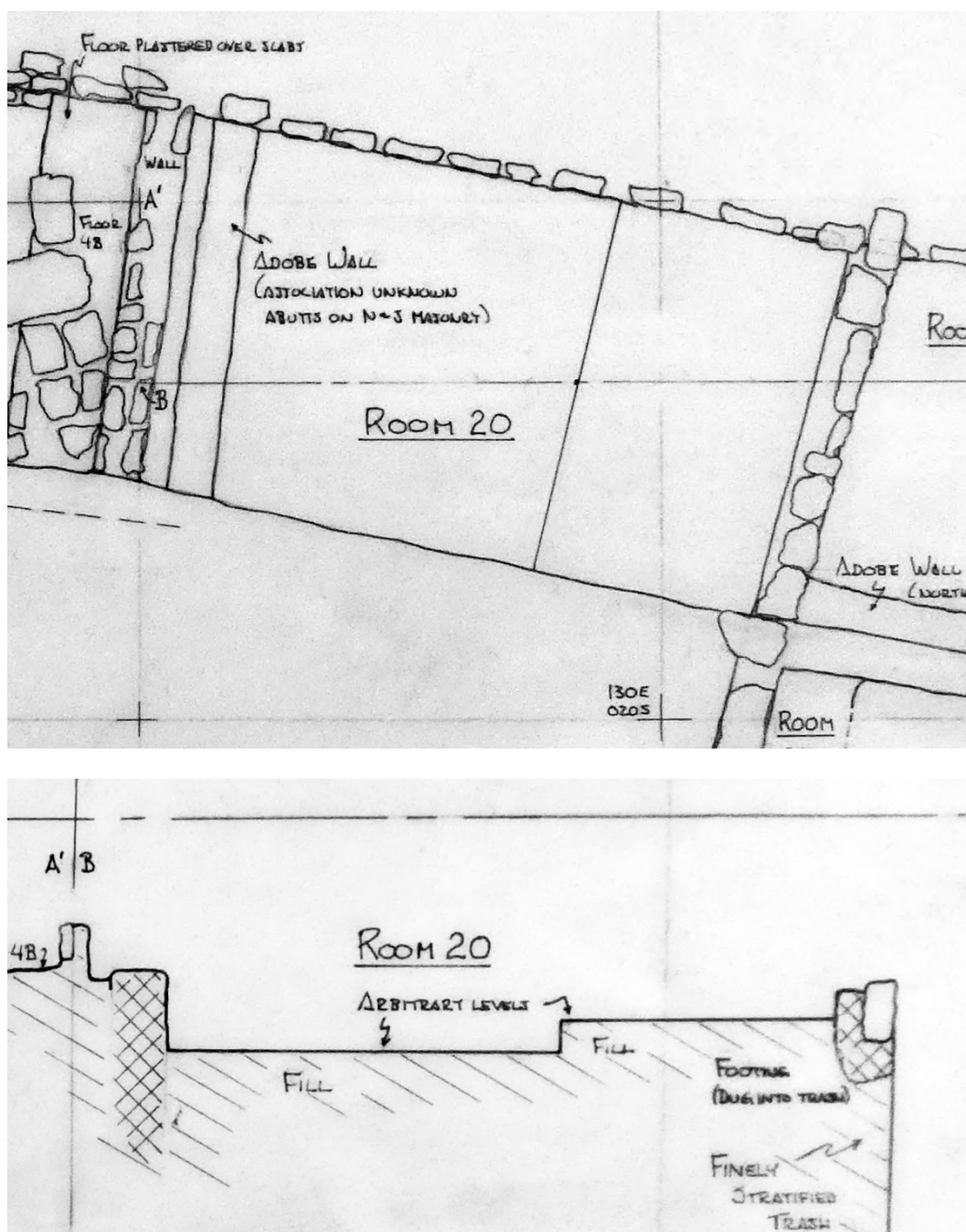


Figure 6.5. Plan and profile of Room 20. Source: Cat. No. 2005.25.15194.

1971 Excavations

James Judge led the 1971 excavation of this room. There are no student notebooks in the archives for 1971, but field forms describing activity in that room are dated July 10 through October 25.

Data from Field Forms (Cat. No. 79.84.9)

The sub-datum was at 010S/120E. The vertical relationship to the Datum was not listed.

There was no room data sheet for Room 20, but some information was provided in grid level records. The record for the first level of fill (2A) states that the area seemed to be a trash fill, and that walls were visible at that level.

Summary of Excavations by Level

Table 6.4 describes the excavations by level, as reported in field forms.

Table 6.4. Room 20, 1971 Excavated Levels.

Level	From the Field Forms
2A – 1 st level fill	Located at 0.8–1.1 feet BSD, matrix of loose clay, ash fill.
2B – 2 nd level fill	Located at 1.1–1.4 feet BD, matrix of clay chunks, small stones, ash, maize bits.
2C – 3 rd level fill	Located at 1.4–1.7 feet BD, matrix of roof shaped adobe hard surface.
2D – 4 th level fill	Located at 1.7–2 feet BD, matrix of hard clay chunks, fill of sand.
2E – 5 th level fill	Located at 2.3 feet BSD, matrix of wet, soft clay and silt, some charcoal.

1974 Summary of Judge Excavations

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

This form locates the room in grid unit 010S/120E. Levels dug included the first surface level (1A) and five levels of fill (2A-2E), to a depth of 2.3 feet BSD. The form mentions that an adobe/masonry floor was identified and measured 11 by 7 feet. Comments indicate that much of the room data was missing, and that it was odd that a first floor (4A) was listed but with no mention of excavations at that level.

Published Comment

In 1974 a Bernalillo County Highway Department road grader removed portions of the room to allow excavation of underlying structures (Burtchard, in Cordell 1975:47).

Artifacts, Photographs, and Maps in the Collections

Table 6.5 summarizes the artifacts from Room 20 in the Maxwell Museum collection.

Table 6.5. Room 20, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Artifacts/ Other*
1A	x	x		
2A	x			x
2B	x		x	x
2C	x	x	x	x
2D	x		x	x
2E	x		x	x
2F				x
8C**				x
Unknown***	x	x	x	x
<p>*Includes the following items: Level 2A: a point, manos, obsidian debitage, and seeds. Level 2B: obsidian points, manos, a polishing stone, and a metate fragment. Level 2C: manos, mano fragments, and an axe. Level 2D: manos, a mano fragment, and a polishing stone. Level 2E: a mano. Level 2F: a mano. **A mano is clearly marked as coming from this level, but no such level is mentioned in any documents. ***Items from unidentified levels include sherds, stone, bone, a bone awl, and a scraper.</p>				

There are no photographs of Room 20 in the Maxwell Museum archives.

Room 20 appears on maps created in 1972 and 1973. All of the maps include plan views of the room, but only the 1972 map (Cat. No. 2005.25.15194) includes a profile (Table A.2).

Room 21

Room 21 is shown in Figure 6.6.

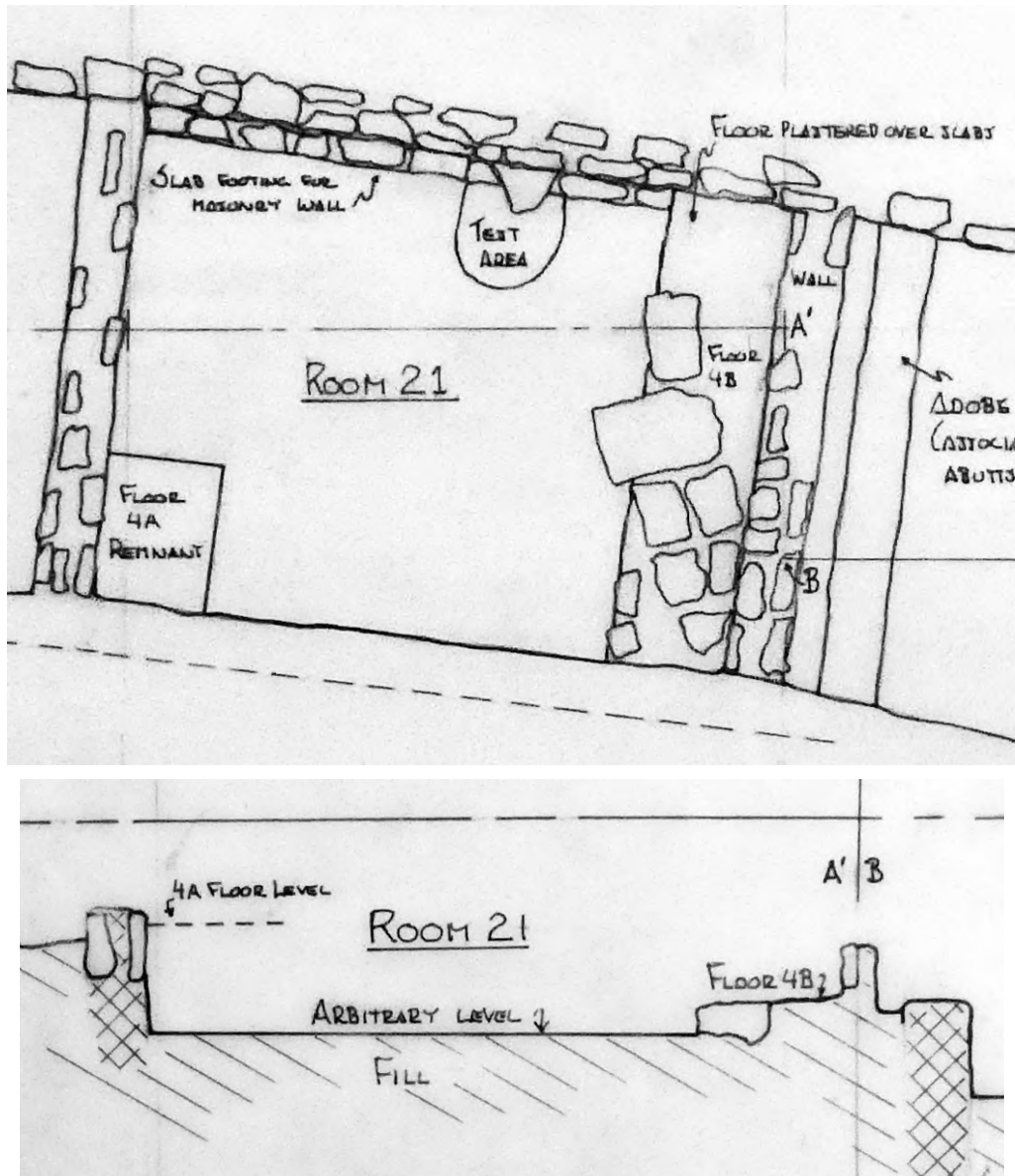


Figure 6.6. Plan and profile of Room 21. Source: Cat. No. 2005.25.15194.

1971 or 1972 Excavations

James Judge led the excavations in these years. There are no corresponding student notebooks in the Maxwell Museum archives, but field forms dated February 25 through March 17, 1972 suggest that work occurred in the room in either 1971 or 1972.

Data from Field Forms (Cat. No. 79.84.9)

The sub-datum was at grid point 010S/120E, with no stated relationship to the datum.

There was no room data sheet for Room 21, but some information was provided in grid level records.

Grid Level Records. The record for the first floor (4A) mentions that the students found a fireplace, a small cist in the southeast section of the room, and the room's "clay" south wall.

The record for the second floor (4B) indicates that first floor (4A) remains were visible in the room's southwest corner.

The record for the third floor (4C) mentions test pits that produced only trash under the flagstone third floor (4C), and that the walls (the south wall was adobe; the other three walls were masonry) stopped just under this floor.

Summary of Excavations by Level

Table 6.6 summarizes the excavations by level.

Table 6.6. Room 21, 1972 Excavated Levels.

Level	From the Field Forms
2A – 1 st level fill	Located at 0.9 feet BSD, matrix of fill and charcoal.
4A – 1 st floor	Located at 0.9 BSD, matrix of charcoal, loose fill. Made of plaster.
4B – 2 nd floor	Matrix of soft fill, clay, some stone. Floor of puddled adobe over flagstone.
4C – 3 rd floor	Matrix of fill, trash. Diagram of flagstone floor at 1.6 feet BSD.

1974 Summary of Judge Excavations

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

Room 21 was at grid unit 000S/110E. The first and second floors (4A and 4B) were used for habitation. Excavated levels included the first surface level (1A), the first level of fill (2A), and three floors (4A, 4B, 4C) and reached a depth of 1.6 feet BSD. A subfloor test was placed in the middle of the room near the north wall and was dug to 3.4 feet BSD.

The plastered adobe first floor (4A) measured 10.5 by 7.5 feet at a depth of 0.4 foot. Associated features included a hearth and a cist. The plastered adobe second floor (4B) measured 10.5 by 7.5 feet at a depth of 1.5 feet. The slab third floor (4C) measured 10.5 by 7.5 feet at a depth of 1.6 feet. At all floor levels, the walls were adobe and masonry.

The comments indicate that most room data were missing, and that the stone walls were possibly left from an earlier phase of construction. The adobe walls appeared to be contemporary with those in Room 23 and 20.

Published Comment

In 1974 a Bernalillo County Highway Department road grader removed portions of this room to allow excavation of underlying structures (Burtchard, in Cordell 1975:47).

Artifacts, Photographs, and Maps in the Collections

Table 6.7 summarizes the artifacts from Room 21 in the Maxwell Museum collections. Those artifact collections are dated 1971 and 1972.

Table 6.7. Room 21, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Artifacts/ Other
Surface	x				
4A				x	
4B*	x		x	x	x
4C	x				
Test	x				
Unknown**				x	x
*Level 4B: Artifacts/Other includes flotation material. **Maize and cores were found in unidentified levels.					

Figure 6.7 shows the one photo of Room 21 in the Maxwell Museum archives. It is a view of maize cobs on the second floor (4B), in the room's northeast corner.

Room 21 appears on maps created in every year from 1972 through 1976. All of the maps include plan views, but only the 1972 map (Cat. No. 2005.25.15194) provides a profile view.



Figure 6.7. Room 21, second Floor (4B), showing burned maize cobs.
Source: Cat. No. 80.24.707A.

Room 23

Figure 6.8 shows a plan and profile for Room 23.

1972 Excavations

James Judge led the 1972 excavation that identified this room. There are no student notebooks in the Maxwell Museum archives for this work.

Data from Field Forms (Cat. No. 79.84.9)

Room Data Sheet. The sub-datum for this room was at grid point 010S/090E, at an elevation of 7.06 feet BD. The form indicates an unidentified “possible” subfloor feature (F2) associated with the first floor (4A).

Wall information was limited. The north and east walls were 0.8 foot thick, and the south wall was 0.72 foot thick. Depths of the four corners of the room were recorded as 0.52 foot BSD (northeast), 1.55 feet BSD (southeast), 0.8 foot BSD (southwest), and 1.4 feet BSD (northwest).

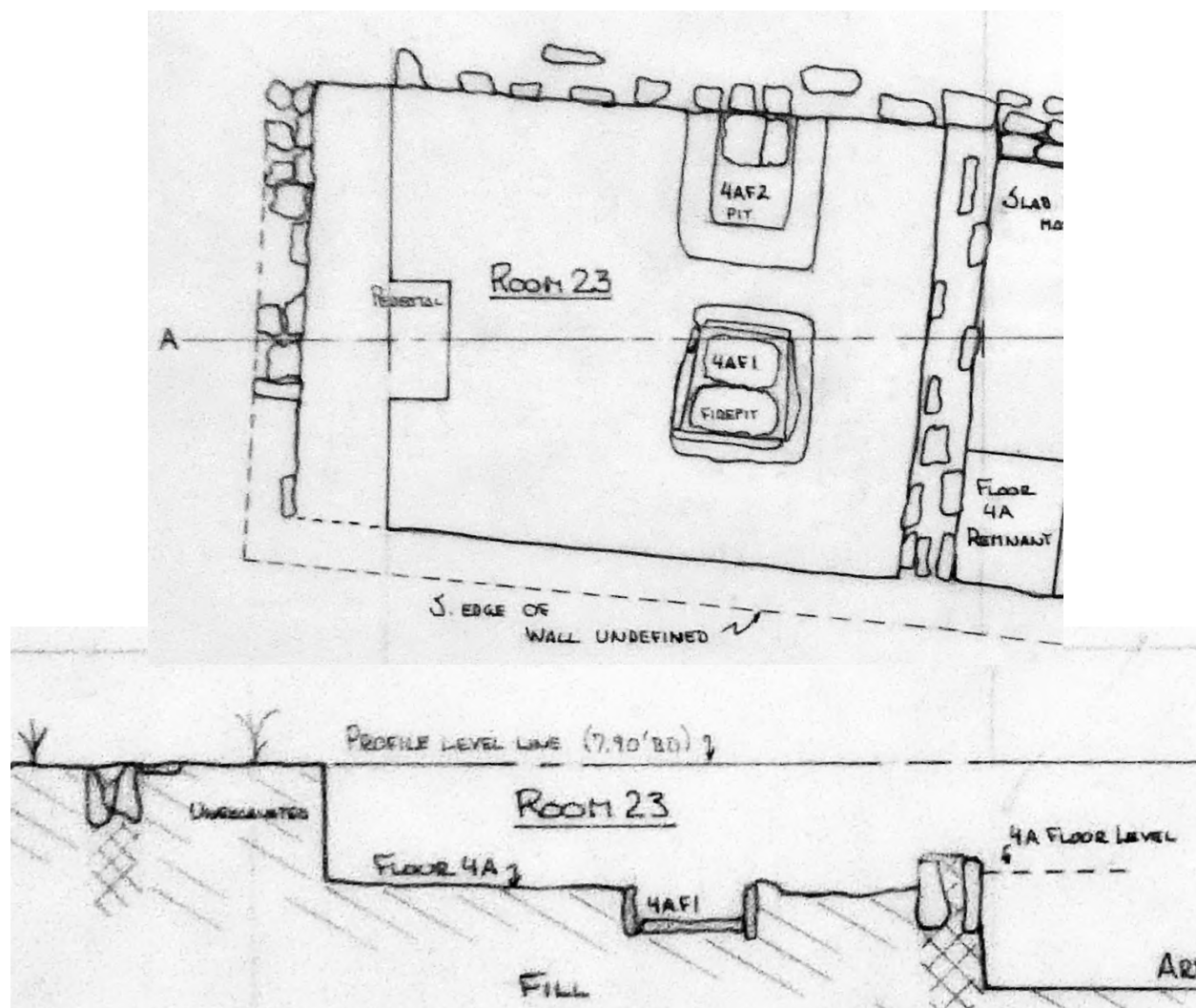


Figure 6.8. Plan and profile of Room 23. Source: Cat. No. 2005.25.15194.

Grid Level Records. The record for the first level of fill (2A) identified a possible fire pit and a possible unidentified adobe feature in the room's north half. Excavation of the level stopped 0.2–0.3 foot above the floor to allow for excavation of the first level of roof fall (3A). BSD measurements were taken from the southwest corner at 010S/090E, sub-datum 7.06 feet BD. An associated diagram shows masonry north and east walls, an adobe south wall, a possible feature against the room's north wall, a test to the floor in the room's northwest corner (against gridline 100E), and a hearth area (F1) next to an ash area in the room's southeast quadrant.

Feature Forms. A form for the hearth area (F1) associated that feature with the first level of fill (2A), located at 8.66 feet BD, 1.6 feet below the surface at grid position 010S/108E. The hearth (F1) measured 2 feet east-west by 1.34 feet north-south, and was about 0.3 foot thick. The hearth fill included a concentration of white ash, possibly a hearth area/ash dump used after the room was abandoned. F1 lay on top of a level of adobe chunks. An associated diagram shows F1 with

five stone slabs at its bottom, upright stone slabs surrounding it, a stone on top of the five stone slabs, and an adobe rim around three sides of the hearth.

A second form for F1 associated it with the first floor (4A). The hearth was described as a stone-lined, adobe-ringed fire pit located at 1.98 feet BSD, 1.45 feet below the surface at grid position 011S/106E. The hearth measured 1.8 feet east-west by 2.5 feet north-south. On average, the hearth rim protruded 0.18 foot above the floor and the bottom of the hearth was 1.35 feet below the floor. The hearth fill consisted of roof fall (adobe and charcoal) except for 0.15 foot of charcoal and ash just above the stone-lined bottom.

A third form for F1 placed it at the same depth given in the second form. The hearth was described as measuring 2.6 feet along its west side, 1.9 feet along its south side, 2.5 feet along its east side, and 1.75 feet along its north side. Average depth, as measured from the rim, was 1.55 feet. Average rim height above the floor was 1.85 feet.

A form for F2, an adobe lined subfloor pit, associated it with the first floor (4A). F2 was located at 1.63 feet BSD, 1.45 feet below the surface. It was at the room's north wall, at grid position 007.5S/106E. F2 measured 2.5 feet east-west by 2.5 feet north-south and was excavated to 1.0 foot below the floor. The fill was of adobe with charcoal. F2 was filled and a slab was placed in the floor over it.

A form for the first floor (4A) provided wall lengths of 7.6 feet (west wall), 10.4 feet (south wall), 7.6 feet (east wall), and 10.75 feet (north wall), all at floor level. A diagram shows three strata in the room fill; a thick upper layer of sheet wash and trash, a middle layer of adobe chunks (possibly wall or roof fall or both), and a bottom layer of floor fill. This form indicates that the floor was associated with a stone-lined, adobe-“ringed” fire pit (F1) in the middle of the room and an adobe-“ringed” pit north of F1, against a wall. An associated diagram shows the position of F1 in the room's southeast quadrant, just south of F2.

Summary of Excavations by Level

Table 6.8 summarizes the excavations by level.

Table 6.8. Room 23, 1972 Excavated Levels.

Level	From the Field Forms
2A – 1 st level fill	Located at 0.85–1.9 feet BSD, matrix of general trash.
4A – 1 st floor	Located at 2.15 feet BSD, 9.21 feet BD, 1.6 feet below the surface. Made of adobe, evidence of burned plaster, with 1 fire pit and 1 bin.

1974 Summary of Judge Excavations

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

This form identifies Room 23 as a habitation room located in grid unit 010S/100E. The first surface level (1A), the first level of fill (2A), the first level of roof fall (3A), and the first floor (4A) were excavated to a depth of 2.15 feet BSD. The burned, plastered, adobe first floor (4A) measured 11 by 7.5 feet, at a depth of 2.2 feet, and incorporated a hearth and a subfloor pit. Two walls were masonry; “wall construction” was recorded as “adobe, masonry”

Artifacts, Photographs, and Maps in the Collections

Table 6.9 summarizes the artifacts from Room 23 in the Maxwell Museum collections. Although one artifact bag is marked as being from excavations in 1971, the handwriting for the year is different than the handwriting for the rest of the information on the artifact tag, and all other artifact bags are dated 1972.

The one photograph of Room 23 (Table A.1) provides no useful visual information and does not include a description of what is shown.

Room 23 appears on maps created in each year from 1972 through 1976. All of the maps provide plan views but only the 1972 map (Cat. No. 2005.25.15194) provides a profile (Table A.2).

Table 6.9. Room 23, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Pollen	Artifacts/ Other*
2A	x	x	x	x	x	x
2A-F1						x
3A	x	x	x	x	x	x
4A	x	x		x	x	x
4A-F1						x
4A-F2						x
*Includes the following items: Level 2A: points, a mano fragment, and ash. Level 2A-F1: contents of ash pit. Level 3A: a shell bead, and a burned plant stalk. Level 4A: worked sherds, points (including 1 obsidian), a mano fragment, polishing stones, and a shell bead. Level 4A-F1: contents of hearth, and flotation material. Level 4A-F2: contents of pit.						

Chapter 7

ROOMS 36, 38–44, 49, and 105

These are the remaining well-documented rooms in Room Block 1. Figure 7.1 shows the locations of Rooms 36, 38–44, and 49 within Room Block 1. Figure 7.23, later in this chapter, shows the location of Room 105 on a lower level.

Room 36

Figure 7.2 provides a plan and profile of Room 36.

1973 Excavations

James Judge led the 1973 excavation that identified this room. Four student notebooks (Cat. Nos. 79.84.92, .112, .113, and .118) describe work in the room from June 18 through June 25.

Data from Field Forms (Cat. No. 79.84.15)

Room Data Sheet. The sub-datum for this room was at 000S/080E, with no stated relationship to the datum. Room 36 was identified as a room most likely used for storage. Room fill consisted of adobe wash. A subfloor test revealed cultural material. Table 7.1 describes the walls.

Table 7.1. Room 36, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thickness (ft)	Material
North	10	2.3	1.2	Masonry
East	8	1.8	0.6	Adobe
South	10	2.8	1.8	Masonry
West	6.6	3.2	1.3	Masonry

Depths of the four corners of the room were recorded as 2.2 feet BSD (northeast), 2.4 feet BSD (southeast), 2.45 feet BSD (southwest), and 2.15 feet BSD (northwest).

Feature Form. A form recorded for the room described it as spanning grid units 000S/070E–080E at 2.4 feet BSD, with adobe wash in the first level of fill (2A) and loose fill for the first floor (4A).

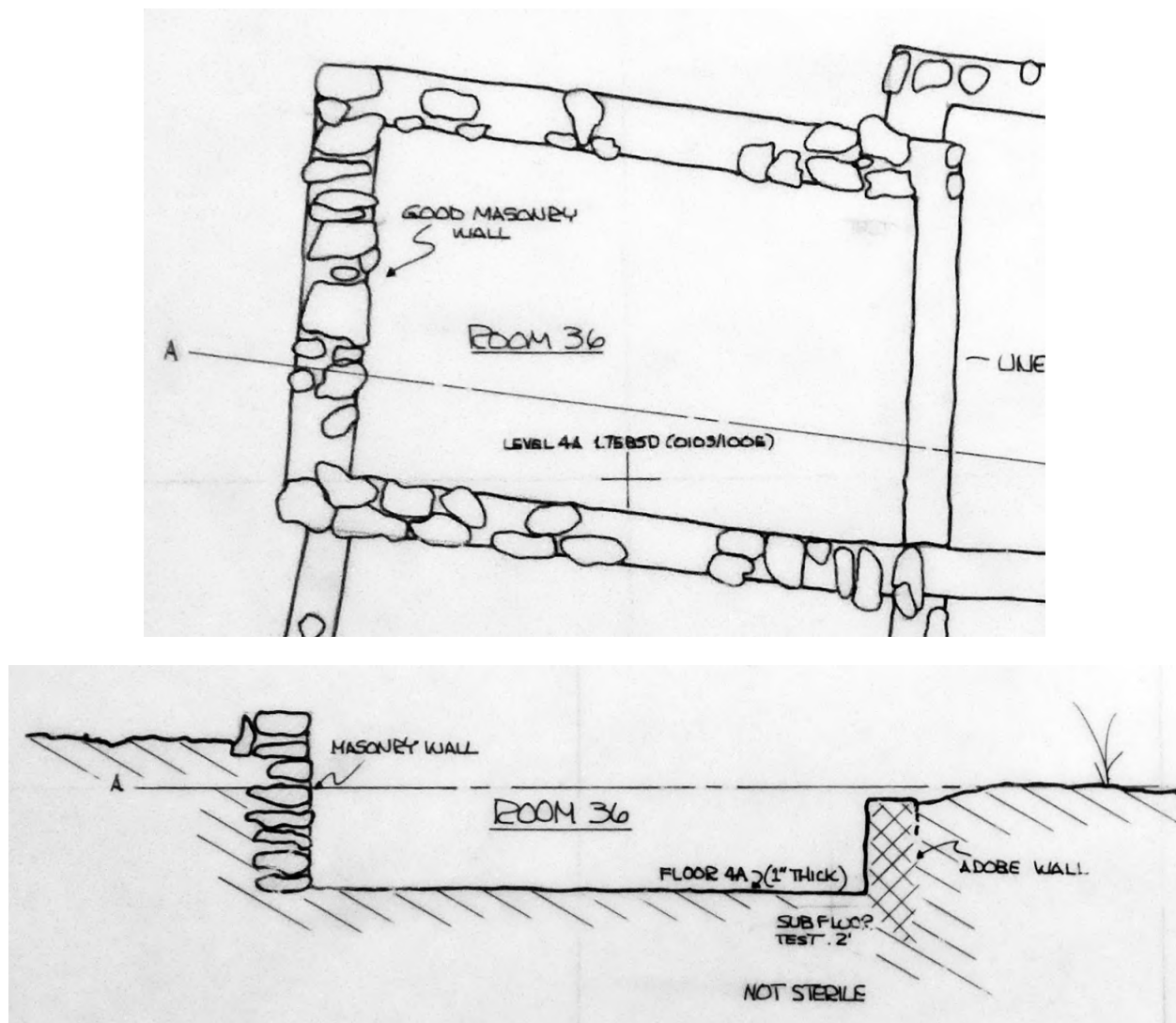


Figure 7.2. Plan and profile of Room 36. Source drawing: Cat. No. 2005.25.15189.

Observations from Notebooks

Test Pit 1 (T1) measured 3 by 3 feet and was located in the room's southeast corner (Cat. No. 79.84.92). In the test pit, the first level of fill (2A), 1 foot thick, extended down to an ash lens; what was at first thought to be the first level of roof fall (3A) extended from that lens down to the first floor (4A). When the entire room was excavated, the ash lens disappeared outside Test Pit 1 (T1). In response, the students decided there was no roof fall layer (3A) and identified all of the fill down to the first floor (4A) as Layer 2A (Cat. No. 79.84.113). Two other students (Cat. Nos. 79.84.92 and .112) agreed that Layer 2A continued down to the first floor (4A). A third student (Cat. No. 79.84.118) described a homogeneous adobe wash level, "3A/2B," extending down to 2.3 feet BSD.

The east adobe wall, which seemed to include traces of plaster in some areas, was later identified as a masonry footing (Cat. No. 79.84.112).

Based on abutments, the south wall was built before the west wall. The mortar in the south wall was mud instead of adobe (Cat. No. 79.84.112). A diagram in a different notebook (Cat. No. 79.84.113) shows the room's east and west walls extending between and abutting the north and south walls.

A second test pit was dug in the room's northeast corner (Cat. No. 79.84.112).

Summary of Excavations by Levels

Table 7.2 summarizes the excavations by level.

Table 7.2. Room 36, 1973 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2A – 1 st level of fill	Located at 2.3 feet BSD, matrix of adobe wash and large chunks.	Homogeneous adobe and rock mixture (Cat. No. 79.84.92). Soil in the room's east half, large chunks of adobe wash in west half (Cat. No. 79.84.112).
2A-T1 – 1 st level fill in Test Pit 1	2A Grid Level Record diagram shows T1 dug to 1 st floor. West wall of pit made of adobe wash.	Lots of rock fall (Cat. No. 79.84.92).
3A-T1 – 1 st level roof fall in Test Pit 1	Roof fall with ash. Adobe wash disappeared outside of test pit.	Thin layer roof fall of charcoal, ash lens (Cat. No. 79.84.92). Included carbon roof fall (Cat. No. 79.84.118). Later redefined as 2A (Cat. No. 79.84.113).
4A – 1 st floor	Located at 2.5 feet BSD, 1 inch thick, made of adobe with evidence of plaster, matrix of loose fill 2 inches above floor. Masonry walls extend down to floor.	Hard, dark charcoal mixed adobe floor (Cat. No. 79.84.92). Darker color than loose fill above it. (Cat. No. 79.84.113). Lots of charcoal and ash on floor with burned adobe (Cat. No. 79.84.112).

1974 Summary of Judge Excavations

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

This form identifies the location of this storage room as grid unit 000S/070E.

Artifacts, Photographs, and Maps in the Collections

Table 7.3 summarizes the artifacts from Room 36 in the Maxwell Museum collections.

Table 7.3. Room 36, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Pollen	Soil	Artifacts/ Other*
2A	x			x	x	x
2A-T1		x	x			x
3A-T1		x	x			
4A	x	x	x	x	x	x
*Includes the following items: Level 2A: scrapers, mano fragments, points (including chert and obsidian), a shell pendant, wood, and a nut shell. Level 2A-T1: calcined bone. Level 4A: maize, a crinoid stem, seeds, and other vegetal material.						

The Maxwell Museum archives include three photographs of Room 36 (Table A.1). Figure 7.3 shows the room's west wall and first floor.

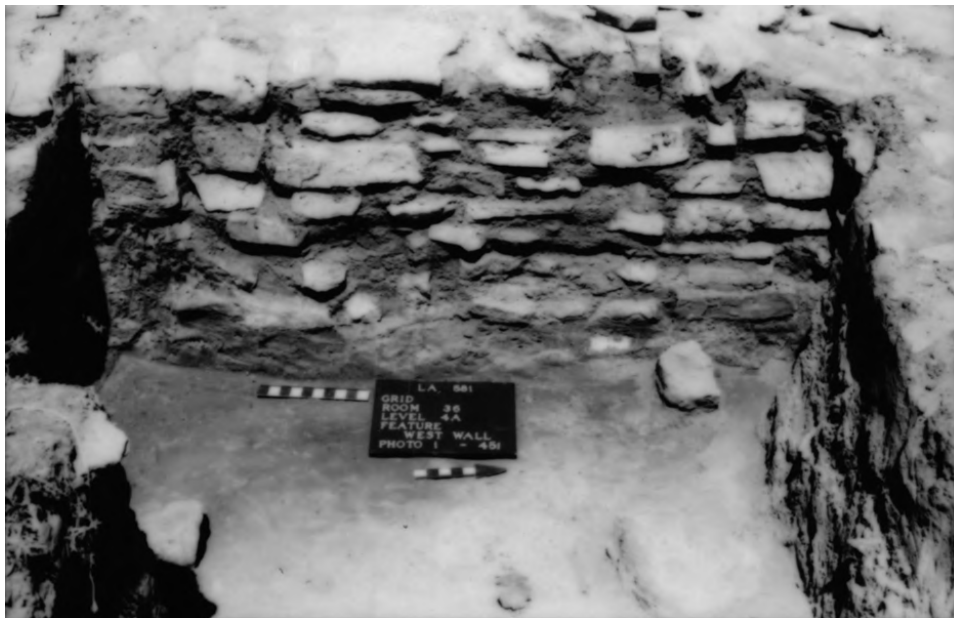


Figure 7.3. Room 36, first floor (4A) and west wall. Source: Cat. No. 80.24.951A.

Room 36 appears on maps created each year from 1973 through 1976. All of the maps provide plan views, but only one of the 1973 maps (Cat. No. 2005.25.15189) provides a profile (Table A.2).

Room 38

1973 Excavations

James Judge led the 1973 excavation that identified this room. Three student notebooks (Cat. Nos. 79.84.124, .125, and .126) describe work in the room from July 6 through July 13. Figure 7.4 shows a plan of the room before excavation.

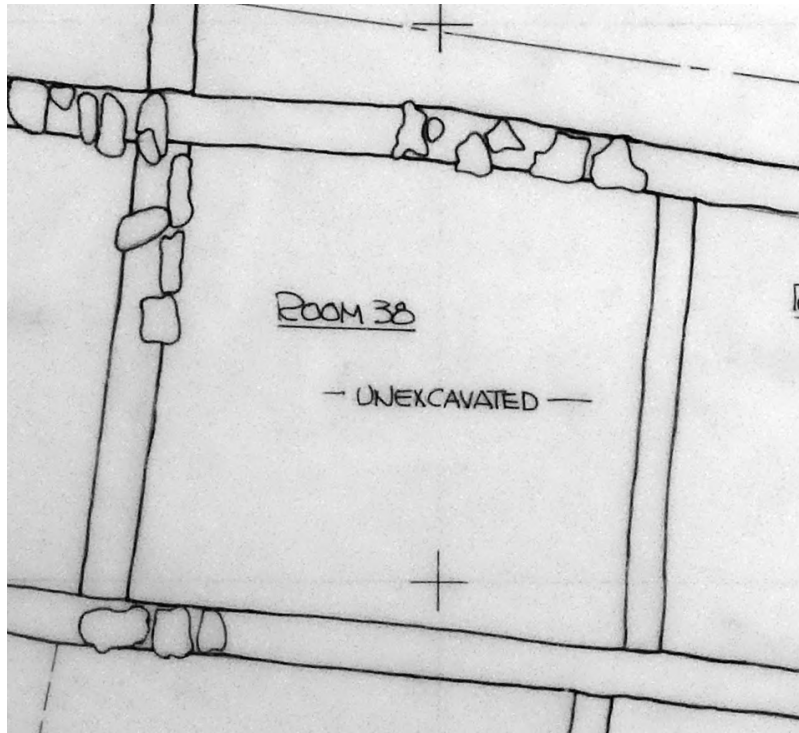


Figure 7.4. Plan of Room 38 before excavation. Source drawing: Cat. No. 2005.25.15189.

Data from Field Forms (Cat. No. 79.84.15)

Room Data Sheet. The sub-datum for this room was at 010S/090E, with no stated vertical relationship to the datum. Room 38 had fill consisting of adobe wash and sandy soil. A hearth (F1) was associated with the first floor (4A). Table 7.4 describes the walls.

Table 7.4. Room 38, Wall Measurements and Materials.

	Length (ft)	Thickness (ft)	Material
North	8	1	Adobe/masonry
East	8		Adobe
South	8.75	1	Adobe/masonry
West	8.25	1	Adobe/masonry

Grid Level Records. The first level of fill (2A) was a very disturbed area with a mixture of adobe wash, soil, chunks of adobe, stone and red roof fall. Masonry appeared to overlie adobe higher in the walls but both materials continued downward, side by side, in the north wall. An associated diagram shows a masonry north wall, masonry overlying the north end of the adobe west wall, adobe at the south end of the west wall, an adobe east wall, masonry at the west end of the south wall, and adobe at the east end of the south wall.

A diagram of the second level of fill (2B) shows a possible doorway at the south end of the room's west wall, masonry on the east half of the north wall, and adobe on the west half of the north wall. The possible doorway was not mentioned elsewhere.

At the first floor (4A), a depression in the room's northwest corner indicated that the old floor surface had been remodeled with plaster.

Feature Forms. A form for the first floor (4A) states that it measured 8 by 8 feet. A comment mentioned a "possible" associated hearth at the east wall.

Observations from Notebooks

The room's north and south walls were continuations of other walls, between which walls were constructed to define rooms. The latter walls included Room 38's east and west walls (Cat. No. 79.84.125).

Parts of the floor were burned (adobe fired bright red and hard). A remnant of burned and fired plaster was found on the walls in the room's northeast corner, at the level of the first floor level (Cat. No 79.84.125). The same notebook provided additional details about the first floor (4A):

- Two flat rocks were found at the level of the first floor (4A) in the room's northwest corner, about 2.5 feet south of the north wall. The floor was not apparent at these rocks.
- The students removed the fill around the two flat rocks and found a floor 1 to 2 inches lower down. The students thought the plaster of the first floor (4A) had been applied directly onto another floor 1 to 2 inches lower down. The lower remodeled floor was not given a separate designation.
- The students also found a possible fire pit near an adobe projection from the east wall. That part of the floor was higher than the rest, and there was an adobe surface sloping toward the possible fire pit.

A different student (Cat. No. 79.84.126) indicated that walls were plastered with fine red adobe at the first floor (4A) level.

Summary of Excavations by Level

Table 7.5 summarizes the excavations by level.

Table 7.5. Room 38, 1973 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1A – 1 st surface level		South 2 feet of room were excavated more than 1 foot lower than the rest of the room (Cat. No. 79.84.125).
2A – 1 st level fill	Located at 1.5 feet BSD, matrix of adobe wash, dry sandy soil, adobe and stone wall fill. West adobe wall ended at this level near the room's southwest corner.	Large aligned stones in the middle of the room may have fallen off the room's west wall. Started a small test pit (Cat. No. 79.84.124).
2B – 2 nd level fill	Located at 2.2 feet BSD, matrix of adobe wash, chunks, reddish sandy soil. Small adobe footing extended 2.5 feet west from the room's east wall.	Taken down to achieve a flat level (Cat. No. 79.84.125).
4A – 1 st floor	Located at 2.7 feet BSD, made of adobe, included a fire pit/hearth. Matrix of sandy soil, red adobe plaster wash, some grey adobe wash. Firm floor, red wash from fallen north and east wall plaster. Some plaster still intact along east wall.	In north half of room, floor was hard and sloped up to the wall. The floor disappeared in the south half of the room midway between the north and south walls (Cat. No. 79.84.124).

Judge's Comments

The slab-lined hearth (F1) built into the center of the east half of the first floor was not completely excavated. The students did not conduct a subfloor test. The east half of the north wall was masonry. The west and south walls were masonry above and adobe below. The east wall was adobe. Room 38 may have been a room used for habitation (Cat. No. 93.16.10:18).

1974 Summary of Judge Excavations

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

This form describes Room 38 as a habitation room in grid unit 010S/080E. The first surface level (1A), two levels of fill (2A & 2B), and the first floor (4A) were excavated to a depth of 2.7 feet BSD. The adobe first floor (4A) measured 8.8 by 8.3 feet at a depth of 2.7 feet BSD. Features included a “possible” hearth, and a doorway in the room's west wall. The walls were either adobe or a masonry-adobe mix. Excavations were delayed by rain, then halted at the end of the field season.

Artifacts, Photographs, and Maps in the Collections

Table 7.6 summarizes the artifacts from Room 38 in the Maxwell Museum collections.

Table 7.6. Room 38, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Soil	Artifacts/ Other*
2A		x	x		x	x
2A-T1	x					
2B	x	x	x	x	x	x
4A	x	x	x	x		
*Includes the following items: Level 2A: a chert point. Level 2B: points (including obsidian and “flint”), flotation material.						

Three photographs in the Maxwell Museum archives show Room 38 (Table A.1). Figure 7.5 shows the first floor (4A).



Figure 7.5. Room 38, first floor (4A). Source: Cat. No. 80.33.97A.

Room 38 appears on maps created each year from 1973 through 1976. All of the maps show plan views but none includes a profile (Table A.2).

Room 39

1973 Excavations

James Judge led the 1973 excavation of this room. Four student notebooks (Cat. Nos. 79.84.93, .96, .99, and .124) describe their work in the room from July 12 through July 19. Figure 7.6 shows a plan view of the room.

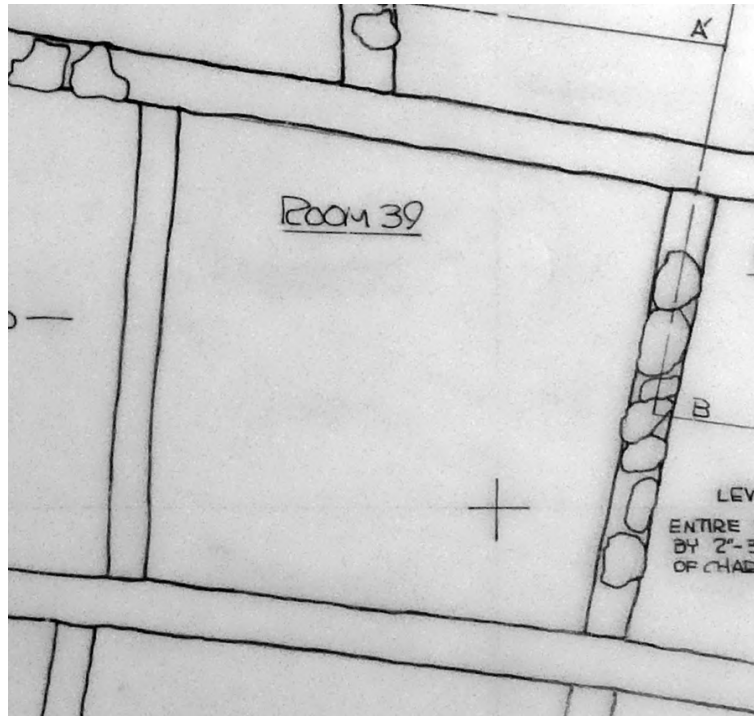


Figure 7.6. Plan of Room 39. Source drawing: Cat. No. 2005.25.15189.

Data from Field Forms (Cat. No. 79.84.10)

The sub-datum for the room was at 020S/100E, at an elevation of 8.5 feet BD.

Grid Level Records. Test Pit 1 (T1) was in the room's northeast corner.

A diagram shows the room's southeast quadrant as located in grid unit 020S/100E.

Observations from Notebooks

The room had been backfilled, as one notebook (Cat. No. 79.84.93) indicated that the students removed backfill from the room and that the first "real" level to be excavated was the first level of roof fall (3A). A diagram in the same notebook shows the room's masonry east wall and a hearth area just north of the middle of the south wall.

The north wall was adobe (Cat. No. 79.84.96).

Summary of Excavations by Levels

Table 7.7 summarizes the excavations by level.

Table 7.7. Room 39, 1973 Excavated Levels.

Level	From the Field Forms	From the Notebooks
3A-T1 – 1 st level roof fall in Test Pit 1	Located at 0.3 foot BSD, matrix of brown sandy fill and charcoal.	
3A – 1 st level roof fall	Located at 0–0.3 foot BSD, matrix of hard packed light brown fill and charcoal.	3 exposed walls in good condition, south wall cut away along with the floor's south edge, evidence of burning in room (Cat. No. 79.84.93).
4A-T1 – 1 st floor in Test Pit 1	Located at 0.5 foot BSD, matrix of brown sandy fill and charcoal.	Flat rocks (Cat. No. 79.84.93). Found floor 6 inches below the surface toward west side of T1 (Cat. Nos. 79.84.93, .96). Evidence of a burned floor (Cat. No. 79.84.124).

Judge's Comments

The students were unable to complete the excavation of Room 39 due to rain. The first floor (4A) was about 0.8 foot below the surface. The one feature (a hearth) was visible at the center of the east wall. Test Pit 1 (T1) was excavated down to the first floor (4A). The students found burned wood on the floor. Although the first floor (4A) was partially excavated, the lowest completely excavated level was the first level of roof fall (3A) (Cat. No. 93.16.10:18).

1974 Summary of Judge Excavations

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

This form describes the location of the room as grid unit 010S/090E. Levels excavated included the first level of roof fall (3A) and, in the test pit, the first floor, to a depth of 0.5 foot BSD. The excavated portion of the first floor (4A) measured 5 by 4 feet. The room's walls were made of adobe.

Artifacts, Photographs, and Maps in the Collections

Table 7.8 lists the artifacts from Room 39 in the Maxwell Museum collections.

Table 7.8. Room 39, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Artifacts/ Other*
3A	x	x	x	x
3A-T1	x	x		
4A-T1	x			
Unknown**	x			
*Includes the following items: Level 3A: restorable ceramics. **Includes sherds found in an unidentified level.				

There are no photographs of Room 39 in the Maxwell Museum archives (Table A.1). The room appears on maps created for each year from 1973 through 1976. All of the maps provide plan views but none provides a profile (Table A.2).

Room 40

1973 Excavations

James Judge led the 1973 excavation that identified this room. Twelve student notebooks (Cat. Nos. 79.84.92, .93, .96, .97, .103, .104, .109, .111, .116, .117, .123, and .124) describe work in the room from June 18 through July 19. Figure 7.7 shows the room in plan and profile.

Data from Field Forms (Cat. No. 79.84.10)

Two sub-datum grid positions were recorded for Room 40. Table 7.9 summarizes the various field form entries. Various forms and student notebooks provide explanations for the changes.

Table 7.9. Room 40, Sub-Datum Locations.

Level	Form	Sub-Datum Location
	Room Data Sheet	010S/100E
2A-T1	Grid Level Record	020S/110E
2A-T1*	Grid Level Record	020S/110E
2A	Grid Level Record	010S/100E
4A-F1	Feature Form	010S/100E
*Second form for this level		

Room Data Sheet. The sub-datum for this room was listed as being at 010S/100E. This value was written over a value of 010S/110E.

Table 7.10. Room 40, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thickness (ft)	Material
North	9	1	0.7	Adobe
East	8.2	0.6	0.6	Adobe
South	9.6	0.7	0.7	Adobe
West	8.2	0.9	0.8	Masonry

Depths of the four corners of the room were recorded as 2.1 feet BSD (northeast), 1.4 feet BSD (southeast; measured in a test pit); 1.8 feet BSD (southwest), and 1.9 feet BSD (northwest).

Grid Level Records. The form for the first level of fill (2A), dated June 19, indicates that the subdatum location for the room was changed from 020S/110E to 010S/100E.

Test Pit 1 (T1) was in the room's southeast corner.

A diagram associated with the first level of fill below the first floor in Test Pit 2 (5A-T2) shows T2 adjacent to and west of Test Pit 1 (T1).

The west wall was blackened, with reddening at the first level of fill below the 1st floor (5A).

A diagram shows the west half of the room as burned at the level of the second floor (4B).

A diagram of the third floor (4C) shows hearths; F1 in the center of the room and F2 just west of the middle of the east wall. Other hearths, also identified as F1 and F2, were reported associated with the first floor (4A).

A diagram for the second level of fill below the third floor in Test Pit 1 (7B-T1) shows an offset wall with its top at 3.8 feet BSD, extending east-west across T1 to the room's east wall (where it turns south to the room's south wall).

Feature Forms. A form for the first floor (4A) placed it about 0.8 foot below the surface. The corners of the room were at grid positions 024.9S/112.8E (southeast), 013.6S/101.5E (southwest), 023.5S/103.3E (northwest), and 015S/113.8E (northeast). The floor measured 9.3 by 8.2 feet; the fill above the floor consisted of loose dirt, adobe chunks, adobe slough near the walls, and charcoal near the many tree-ring samples. Notes indicate that the room may have been abandoned after it was burned.

A form for a hearth (F1) associated that feature with the first floor and placed it 2.3 feet BSD (1.3 feet below the surface). F1's corners were at grid positions 018S/109.5E (northwest), 018.3S/110E (northeast), 020S/111E (southeast), and 020S/109.2E (southwest). F1 measured 1.2 by 1.5 feet and was 0.8 foot deep (the last measurement being taken at the highest slabs on the feature's east side).

A form for a second hearth (F2) associated it with the first floor (4A). The top of the hearth was 2.2 feet BSD (at grid position 019.6S/111E, under and southeast of stone-lined hearth F1). F2 measured 1.9 by 1.1 feet, was 0.7 foot deep, and was filled with ash.

A form described the two hearths (confusingly, also F1 and F2) on the third floor (4C). F1 was slab-lined; it was located at 14.79 feet BD (3.4 feet BSD) at grid position 020S/107.5E, measured 1.7 by 1.2 feet by 0.5 foot deep, and was filled with ash. F2 was 2 feet east of F1, at grid position 020.5S/110E; it measured 1.4 by 1.6 feet by 0.3 foot deep. Its fill included a small amount of ash.

Observations from Notebooks

Test Pit 1 (T1) measured 3 by 3 feet (Cat. No. 79.84.104). The sub-datum was changed to 010S/110E for all levels other than those in Test Pit 1 (T1) because parts of the room were above the other sub-datum (Cat. No. 79.84.111).

The room contained large amounts of burned wood (Cat. No. 79.84.92). Many tree-ring samples were collected, starting at the first level of fill (2A) (Cat. No. 79.84.104).

At the first floor level (4A), one notebook (Cat. No. 79.84.111) describes the walls and floor:

- The south wall was poorly made and difficult to follow.
- The north wall was plastered.
- The first floor (4A) was plastered and in good condition, but had been dug through. This disturbance was under an ash lens.
- Although the room had burned, the students felt that it was abandoned first.

A different notebook (Cat. No. 79.84.92) described the feature (F1) associated with the first floor (4A) as a slab-lined hearth full of ash. Yet another notebook (Cat. No. 79.84.109) added that F1 consisted of stone slabs placed on edge in a 2 foot square, and was 1.5 feet from the room's east wall and 2.5 feet from its north wall. This notebook explained that the floor around F1 curved up to a wall, with adobe extending over the floor's surface, indicating that that surface had been plastered.

The students could not distinguish between the second and third floors (4B, 4C) in the east half of the room, as there was no fill between the floors as there was in the west half of the room (Cat. No. 79.84.92). One student (Cat. No. 79.84.116) noted a pocket of vegetal matter between the two floors, in the northeast quadrant of the room.

One hearth (F1) on the third floor was slab-lined and near the east wall. The other (F2) was plastered with adobe (Cat. Nos. 79.84.92, .116). One student (Cat. No. 79.84.117) drew a diagram showing the test pit (T1) in the room's southeast corner, the adobe hearth (F2) north of the test pit (T1) and away from the east wall, and the slab hearth (F1) just west and a bit south of the adobe hearth (F2). The adobe hearth (F2) had been plastered over by the third floor (4C) but nonetheless was associated with the third floor (4C) (Cat. No. 79.84.123).

Once below the third floor (4C), the students extended the trench in the room's southeast corner 3 feet to the north (Cat. No. 79.84.116).

On the last day of the season, the students covered the test pit with a 4 by 8 foot sheet of plywood reinforced with boards (Cat. No. 79.84.97).

Summary of Excavations by Level

Table 7.11 summarizes the excavations by level.

Table 7.11. Room 40, 1973 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1A – 1 st surface level		Extends to 1.8 feet BSD in room's southeast quadrant (Cat. No. 79.84.111).
2A-T1 – 1 st level fill in Test Pit 1	Located at 0.5–2.8 feet BSD, matrix of ash, adobe, higher clay content at lower level.	Profile diagram shows as adobe mix (Cat. No. 79.84.92). Fill of loose dirt (Cat. No. 79.84.104).
2A – 1 st level fill	Located at 1.8 feet BSD, matrix of loose dirt with adobe slough, lots of charcoal.	Heavy charcoal a few inches below the surface, burnt adobe in room's northwest corner (Cat. No. 79.84.103).
2B-T1 – 2 nd level fill in Test Pit 1		Profile diagram shows as charcoal lens (Cat. No. 79.84.92). Ash layer (Cat. No. 79.84.104).
2B – 2 nd level fill		Consisting of adobe chunks with fill (Cat. No. 79.84.111). Charcoal; ash lens disappears beyond Test Pit 1 (T1) (Cat. No. 79.84.92). Later redefined as 4A (Cat. No. 79.84.103).
2C – 3 rd level fill		Sandy fill, silty with adobe and soft, extending to 0.3 foot above 4A (Cat. No. 79.84.111).
3A-T1 – 1 st level roof fall Test Pit 1		Profile diagram shows as slight roof fall (Cat. No. 79.84.92). Adobe chunks (Cat. No. 79.84.104).
4A-T1 – 1 st floor in Test Pit 1		Located floor about 2 feet BSD (Cat. No. 79.84.111). Profile diagram shows floor of very dark and thin charcoal/adobe mix (Cat. No. 79.84.92). Bottom 3–4 inches of level relabeled as 5A (Cat. No. 79.84.103).
4A-T2 – 1 st floor in Test Pit 2		Found floor about 0.2 foot above bottom of T2 (Cat. No. 79.84.111).

Table 7.11. Room 40, 1973 Excavated Levels.

Level	From the Field Forms	From the Notebooks
4A – 1 st floor	Located at 1.8–2.2 feet BSD, 0.5 foot thick, made of adobe, with evidence of plaster and burning, 2 fire pits, and lots of wood. Matrix of adobe chunks, charcoal, loose fill. Identified hearth (F1) west of middle of east wall.	Found hearth (F1) under pedestal (Cat. No. 79.84.111). Level earlier defined as 2B (Cat. No. 79.84.109).
5A-T1 – 1 st level fill below 4A in Test Pit 1		Profile diagram shows as possible roof fall—large adobe chunks (Cat. No. 79.84.92). Sub floor material clay with adobe blocks (Cat. No. 79.84.104). Roof fall (Cat. No. 79.84.109).
5A-T2 – 1 st level fill below 4A in Test Pit 2	Located at 1.8–2.4 feet BSD, matrix of ash lens that faded out, and adobe.	
5A – 1 st level fill below 4A	Located at 13.79 feet BD/2.4 feet BSD, matrix of adobe wash.	Roof fall, adobe burned chunks (Cat. No. 79.84.92).
5B-T1 – 2 nd level fill below 4A in Test Pit 1		Profile diagram shows as nearing sterile (Cat. No. 79.84.92). Sub floor fill (Cat. No. 79.84.109).
5B – 2 nd level fill below 4A	Located at 2.8 feet BSD/14.19 feet BD, matrix of adobe wash.	Finer soil with hard adobe (Cat. No. 79.84.116). Walls and floor in room's northwest corner yellow, black & red (Cat. No. 79.84.117).
5C-T1 – 3 rd level fill below 4A in Test Pit 1	Located in room's southeast corner, adjacent and east of 5A-T2. Later redefined as 7A.	Subfloor fill (Cat. No. 79.84.109).
5C – 3 rd level fill below 4A		Clay, near sterile fill (Cat. No. 79.84.92).
4B – 2 nd floor	Located at 14.49 feet BD/3.1 feet BSD, 0.3 foot thick, made of adobe, with evidence of plaster and burning.	Black adobe floor (Cat. No. 79.84.92). Floor was re-plastered in areas (Cat. No. 79.84.92). Located at 3.3 feet BSD (Cat. No. 79.84.116).
4C – 3 rd floor	Located at 14.79 feet BD/3.4 feet BSD, 0.05 foot thick, made of adobe, with evidence of plaster, and 2 fire pits.	Located at 3.6 feet BSD (Cat. No. 79.84.116).
7A-T1 – 1 st level fill below 4C in Test Pit 1	Earlier identified as 5C-T1. Located at 15.19 feet BD/3.88 feet BSD, matrix of soft adobe.	Hard adobe (Cat. No. 79.84.116).
7B-T1 – 2 nd level fill below 4C in Test Pit 1	Located at 16.19 feet BD/4.8 feet BSD, matrix of clay and trash.	Hard adobe chunks, very dense, 2 visible walls—wall in SE corner of adobe at 3.8 feet BSD (Cat. No. 79.84.116).

Table 7.11. Room 40, 1973 Excavated Levels.

Level	From the Field Forms	From the Notebooks
7C-T1 – 3 rd level fill below 4C in Test Pit 1	Located at 16.89 feet BD/5.5 feet BSD, matrix of lots of clay and trash.	Excavated down to the north end of the east-west adobe wall in the trench (Cat. No. 79.84.117).
7D-T1 – 4 th level fill below 4C in Test Pit 1	Located at 17.69 feet BD/6.3 feet BSD, matrix of adobe and clay. Excavated north of offset wall/corner.	
7E-T1 – 5 th level fill below 4C in Test Pit 1	Located at 18.19 feet BD/6.8 feet BSD. Excavated north of offset wall/corner.	Clay and very hard adobe (Cat. No. 79.84.116).
7F-T1 – 6 th level fill below 4C in Test Pit 1	Located at 18.59 feet BD/7.2 feet BSD, matrix of soft fill and red adobe. Excavated north of offset wall/corner.	
7G-T1 – 7 th level fill below 4C in Test Pit 1	Located at 7.9 feet BSD. Excavated north of offset wall/corner.	
7H-T1 – 8 th level fill below 4C in Test Pit 1	Located at 19.89 feet BD/8.5 feet BSD, matrix of red adobe. Excavated north of offset wall/corner.	

Judge's Comments

Room 40 was randomly selected to be excavated below its first floor (4A) to sterile (Cat. No. 93.16.10:11)

The west wall was slab masonry construction, while other walls were adobe. The north-south walls abutted the east-west walls. Test Pit 1 (T1) measured 3 by 3 feet and extended through the first floor (4A), to where the students found another floor about 1 foot below 4A. This test was extended down to about 3.0 feet BSD, into trash (Cat. No. 93.16.10:4).

A plastered-over hearth associated with the first floor (4A) was near the other hearth on the same floor. The second floor (4B) was about 0.4 foot below the first floor (4A). A very hot fire (of unidentified vegetal matter) had burned the west half of the room and the walls at the second floor level (Cat. No. 93.16.10:13).

The subfloor test was in the room's southeast corner, and identified an offset adobe wall about 1 foot below the third floor (4C). The room's south wall extended below the third floor (4C) (Cat. No. 93.16.10:15-16).

On the last day of excavation, the room was prepared for winter. There was no water in the bottom of the test pit following rain, so there might be another floor below (Cat. No. 93.16.10)

1974 Summary of Judge Excavations

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

The room was in grid 010S/100E. The room's function was listed as habitation for the first and third floors (4A and 4C) and storage for the second floor (4B). Levels in the room included the first surface level (1A), the first level of fill (2A), the first and second floors (4A, 4B), and the first and second levels of fill below the first floor (5A, 5B); the levels extended to 3.4 feet BSD. Subfloor tests in the room's east half reached 8.5 feet BSD.

The plastered and burned adobe first floor (4A) measured 9 by 8.2 feet at a depth of 2.2 feet, and included two hearths. The plastered and burned adobe second floor (4B) measured 9 by 8.2 feet at a depth of 3.1 feet. The plastered adobe third floor (4C) measured 9 by 8.2 feet at a depth of 3.4 feet. All walls were adobe.

Various comments indicate that the first floor (4A) was identified as a habitation surface because two hearths were associated with the floor and a mano was found. A fire in the room's northwest corner was associated with the second floor (4B); almost nothing was found on the floor, indicating that it was used for storage. The third floor was also a habitation surface and included two hearths. Architecturally, Room 40 resembled other rooms in the room block. The room overlay an offset wall.

1974 Excavations

Linda Cordell led the continuing excavation of Room 40 in 1974. Four student notebooks (Cat. Nos. 79.84.130, .131, .154, and .157) describe work in the room from June 24 through July 4.

Observations from Notebooks

Room 40 was accessed by extending a test pit north from Room 47, thus trenching through Room 40's south wall (Cat. No. 79.84.130). The students found the offset wall in the 1973 test pit (Cat. No. 79.84.154)

Summary of Excavations by Level

The 1974 work in Room 40 resulted in a single defined level. Level 2A-T1 was the first level of fill in Test Pit 1. The level extended from 2.1 to 3.6 feet BSD. In the level, students found walls that were offset from the Room 40 walls, and thought to be wider (0.9 foot) than usual (Cat. No. 79.84.157).

Artifacts, Photographs, and Maps in the Collections

Table 7.12 lists the artifacts from Room 40 in the Maxwell Museum collection. None of these artifacts dates from the 1974 excavation.

Table 7.12. Room 40, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Soil	Flotation	Artifacts/ Other*
1A				x		
1A - Pedestal	x					
2A – T1	x	x	x			x
2A	x	x	x	x		x
2A - Pedestal	x	x	x			x
4A		x		x	x	x
4A-F1					x	
4A-F2					x	
5A	x	x	x			
5B	x	x	x	x		
5C – T1	x	x	x			x
4B	x	x		x	x	
4C	x	x	x	x	x	x
4C-F1	x					
4C-F2					x	
7A – T1	x		x			
7B – T1	x	x	x			
7B					x	
7C – T1	x					
7C			x		x	
7D – T1	x	x			x	
7D						x
7E – T1	x	x	x		x	
7F – T1	x	x			x	
7F			x			
7G – T1	x	x	x			
7G					x	
7H – T1	x	x	x			
Unknown**	x					
*Includes the following items: Level 2A-T1: a polishing stone, an obsidian point/blade, and a bone bead. Level 2A: manos, a core, worked stones, and a shell bead. Level 2A-Pedestal: an obsidian point. Level 4A: a painting rock, a flint scraper, a core, and maize. Level 5C-T1: cores and a bone awl.						

Table 7.12. Room 40, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Soil	Flotation	Artifacts/ Other*
Level 4C: a polishing stone. Level 7D: a core. **Sherds were found in an unidentified level.						

The Maxwell Museum Archives hold 13 photographs from Room 40 in the Maxwell Museum archives (Table A.1). Figures 7.8 and 7.9 show the two hearths on the first floor (4A). Figure 7.10 shows the two hearths on the third floor (4C). Figure 7.11 shows the west wall at the first floor (4A) level, after the plaster was removed to expose the masonry.

Room 40 appears on maps created each year from 1973 through 1976. The maps from 1973, 1975, and 1976 maps show plan views only. The maps from 1974 include three maps with plan views only, one (Cat. No. 2005.25.15169) with a profile only, and one 1973 map (Cat. No. 2005.25.15189) with both a plan view and a profile (Table A.2).



Figure 7.8. Room 40, first floor (4A), stone-lined hearth (F1). Source: Cat. No. 80.24.944A.

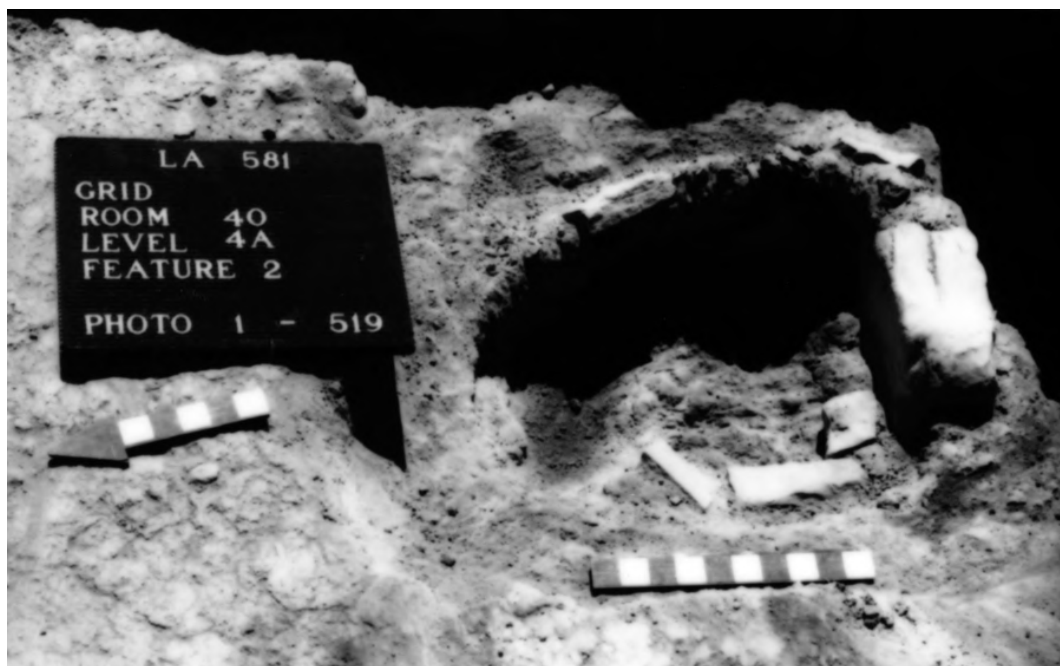


Figure 7.9. Room 40, first floor (4A), hearth (F2) below F1. Source: Cat. No. 80.33.21A.



Figure 7.10. Room 40, third floor (4C), hearths (F1 and F2). Source: Cat. No. 80.33.65A.



Figure 7.11. Room 40, west wall with exposed masonry. Source: Cat. No. 80.24.947A.

Room 41

1973 Excavations

James Judge led the 1973 excavation that identified this room. Four student notebooks (Cat. Nos. 79.84.92, .103, .109, and .111) describe work in the room from June 19 through June 29. Figure 7.12 shows the room in plan and profile.

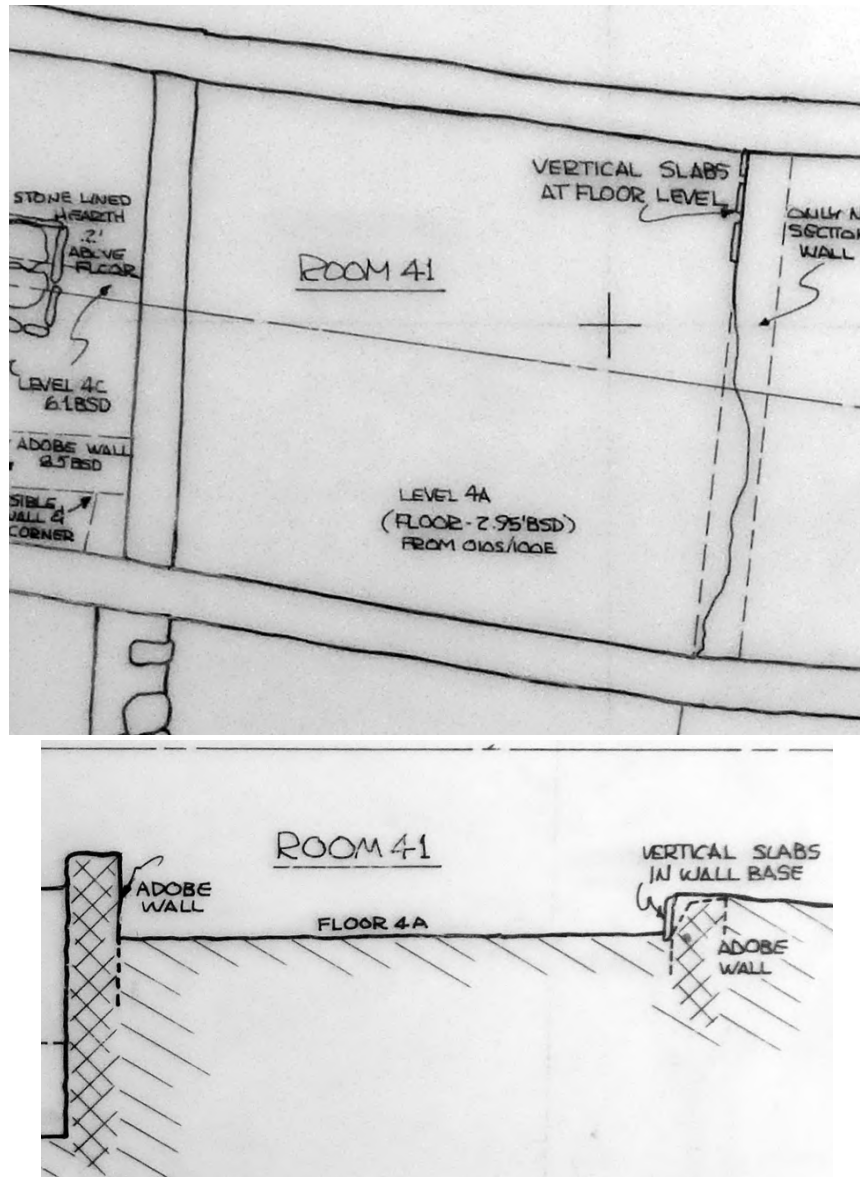


Figure 7.12. Plan and profile of Room 41. Source drawing: Cat. No. 2005.25.15189.

Data from Field Forms (Cat. No. 79.84.15)

Room Data Sheet. The sub-datum for this room was at 020S/120E, at 9.72 feet BD. Room 41 was described as possibly used for habitation. Room fill was soft soil mixed with adobe wash; clayey silt was present in the third level of fill (2C). The first floor (4A) was excavated but no subfloor test was made. Table 7.13 describes the walls.

Table 7.13. Room 41, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thickness (ft)	Material
North	10	1.3	0.9	Adobe slab lined
East	9.5	0.5	0.8	Adobe slab lined
South	10	0.8	0.7	Adobe
West	10	1.4	0.65	Adobe

Depths of three corners of the room were recorded as 1.2 feet BSD (northeast corner), 1.4 feet BSD (southwest corner), and 1.3 feet BSD (northwest corner).

Grid Level Records. A diagram associated with the record for the first floor (4A) shows a fragmentary floor just south of the room's north wall, and also just north of the room's south wall on the west side of the room.

At the second level of fill (2B), the east wall and southeast corner of the room were eroded, and Test Trench 2 (T2) was dug to define the room's east wall. An associated diagram shows a fragmentary floor extending southwest-northeast in the south half of the room.

Feature Forms. A form for the first floor (4A) placed it at 11.32 feet BD, 1.6 feet below the surface. The corners of the room were located at grid positions 016.8S/123E (northeast), 015.8S/112E (northwest), 025.5S/111.5E (southwest), and 026S/123E (southeast). The internal room measurements were 8.9 feet (along the north wall), 10.4 feet (south wall), 8.5 feet (west wall), and 8.7 feet (east wall). At this level, only a small portion of the room's east wall was defined in the room's northeast corner. The plastered floor (4A) curved up to the walls, with small stone slabs at the intersections. The floor was fragmentary in the room's southeast corner, and along the north wall about 3 feet from the room's northwest corner.

Observations from Notebooks

Test Pit 1 (T1) was placed in the room's southwest corner, since the southeast corner was not yet defined (Cat. No. 79.84.103).

The north part of Room 41 was in grid unit 010S/110E and the south part of the room was in grid unit 010S/120E (Cat. No. 79.84.111). The students identified a large rock in the room's southwest corner as coming from a roof hole cover (Cat. No. 79.84.111). They reported an "indication of some sort of surface (not floor) in parts of unfloored southeast corner" (Cat. No. 79.84.111).

Test Trench 2 (T2) was in the room's east half (Cat. No. 79.84.103).

A subfloor test in the room's southwest corner did not reach sterile soil. The test exposed a possible slab floor (Cat. Nos. 79.84.103 and .109).

Summary of Excavations by Level

Table 7.14 describes the excavations by level.

Table 7.14. Room 41, 1973 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1A – 1 st surface level	Excavated.	Stripped in south half of room (Cat. No. 79.84.103).
1B – 2 nd surface level		Excavated south half of the room, found ash lens under the level (Cat. No. 79.84.111).
2A-T1 – 1 st level fill in Test Pit 1	Located at 1.5 feet BSD, with T1 in room's southwest corner.	
2A-T2 – 1 st level fill in Test Trench 2	Located at 1.3 feet BSD, matrix of adobe chunks and fill.	
2A – 1 st level fill	Located west of the 120E gridline at 0.9 feet BSD, loose fill. Matrix of adobe wash with some softer soil and fill.	Started stripping level in north half of room (Cat. No. 79.84.103). Adobe wash with some softer soil (Cat. No. 79.84.109).
2B-T2 – 2 nd level fill in Test Trench 2	Located at 1.3 feet BSD, matrix of adobe chunks and fill.	
2B – 2 nd level fill	Located at 1.1 feet BSD, matrix of soft soil with some adobe. Found red dirt at bottom of layer. Only excavated west part of room.	
2C – 3 rd level fill	Located west of 120E gridline at 1.4 feet BSD, matrix of clay silt.	More adobe (Cat. No. 79.84.111). Level stopped 3–4 inches above the 1 st floor (4A) (Cat. No. 79.84.103).
4A-T1 – 1 st floor in Test Pit 1	Loose floor fill down to 1.5 feet BSD.	
4A – 1 st floor	Located at 1.6 feet BSD, 9.72 feet BD, 0.1 foot thick, made of adobe with evidence of plaster, matrix of clay silt, possibly windblown.	Identified floor at 2A-T1 (Cat. Nos. 79.84.92, .103). Hard adobe wash just above the floor level (Cat. No. 79.84.109). Floor is good but eroded in room's southeast corner (Cat. No. 79.84.111).
4B – 2 nd floor		Found slab lined floor about 0.2 foot under adobe 1 st floor (Cat. No. 79.84.111).

Judge's Comments

The room's north and east walls had lines of slabs, about one slab high. A subfloor test in the room's southwest corner exposed a slab surface 0.2 foot below the first floor (Cat. No. 93.16.10:8).

1974 Summary of Judge Excavations

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

Room 41 was a storage room in grid unit 010S/110E. Excavated levels included the first and second surface levels (1A, 1B), three levels of fill (2A, 2B, 2C), and the first floor (4A), to a depth of 1.6 feet BSD. A subfloor test was placed in the room's southeast corner.

The plastered adobe first floor (4A) was described as measuring 10.9 by 9.5 feet at a depth of 1.6 feet. Walls were either adobe or a mix of adobe and masonry.

A subfloor test did not reach sterile soil. As excavations only extended to the first floor, the few 1973 notebook mentions of a possible second floor (Cat. Nos. 79.84.103, .109, and .111) may not have been confirmed.

1974 Excavations

Linda Cordell led the continuing excavation of Room 41 in 1974. Five student notebooks (Cat. Nos. 79.84.130, .131, .160, and .167; Cat. No. 93.16.14) describe work in the room on June 24 and July 3.

Data from Field Forms (Cat. No. 79.84.22)

A grid level record was used to add to the room details recorded in 1973. The room was in grid unit 010S/110E. Excavation ended at the first level of fill below the first floor in Test Pit 1 (5A-T1) due to removal of material west of the room by a road grader.

A diagram shows a partial adobe north wall underlying and offset from the west wall by 2.5 feet, the west wall, a partial south wall, and an adobe wall extending east from the west wall in the room's southwest quadrant. Another diagram shows a profile of the west wall in Test Pit 1 (T1); this profile shows seven flagstones. A diagram in the grid level record for the first level of fill below the first floor in Test Pit 1 (5A-T1) shows six of the flagstones placed vertically, one above the other; the seventh was placed to the left of the second and third stones (counting down from the top).

A form for the second level of fill below the first floor (5B) includes a diagram showing an adobe wall "of lower occupation" next to the west wall, curving east of the west wall at its north

end, and curving to east at the south end of the room. A second diagram suggests that the second level below the first floor (5B) may be the floor of an underlying and offset room.

Observations from Notebooks

A bulldozer planned to remove the top 4 inches of the fill, starting at the surface (Cat. No. 79.84.167).

Room 41's west wall overlay a wall from a lower room (Cat. No. 79.84.131). An underlying wall in Room 41 abutted a thick wall, which the students thought might be the north outer wall of the room block. The area encompassed by these walls and those exposed by the bulldozer was designated Room 105 (Cat. No. 79.84.130).

A sub-datum at 010S/100E BD, 7.87 BD, was used for the excavation of the first level of fill below the first floor (5A) (Cat. No. 79.84.160).

One student (Cat. No. 93.16.14) indicated that below the first and second levels of fill below the first floor in Test Pit 1 (5A-T1, 5B-T1), there may have been the floor of a room underlying and offset from Room 41, possibly over Room 105.

Summary of Excavations by Level

Table 7.15 summarizes the excavations by level.

Table 7.15. Room 41, 1974 Excavated Levels.

Level	From the Field Forms	From the Notebooks
5A-T1 – 1 st level of fill below 4A in Test Pit 1	Located at 11.07–11.87 feet BD, matrix of hard, fire reddened adobe.	Exposed a possible wall offset from the room's west wall, made of limestone and sandstone slabs (Cat. No. 79.84.160).
5B-T1 – 2 nd level of fill below 4A in Test Pit 1		Room's west wall matched up with walls of Room 105 (Cat. No. 79.84.160).
5B – 2 nd level of fill	Located at 11.87–12.37 feet BD, matrix of soft silt with hard adobe chunks.	

Published Comment

A Bernalillo County Highway Department road grader removed portions of this room in 1974 to allow excavation of underlying structures (Burtchard, in Cordell 1975:47).

Artifacts, Photographs, and Maps in the Collections

Table 7.16 summarizes the artifacts from Room 41 in the Maxwell Museum collections.

Table 7.16. Room 41, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Soil	Artifacts/ Other*
1A	x				x	x
2A-T1	x	x	x	x		
2A-T2		x	x	x		x
2A	x	x	x		x	x
2B	x	x	x	x	x	
2C	x	x	x	x	x	x
4A	x	x	x	x	x	x
5A-T1		x	x			
5A	x					
5B-T1		x	x			
5B	x					
*Includes the following items: Level 1A: a shell bead. Level 2A-T2: a crinoid stem. Level 2A: points (including obsidian and quartz) and a mano. Level 2C: a point. Level 4A: a chert point, a mano, a core, plant material, and pollen.						

The Maxwell Museum archives include five photographs of Room 41 (Table A.1). Figure 7.13 shows the first floor (4A) and Figure 7.14 shows the second level of fill below the first floor in Test Pit 1 (5B-T1).

Room 41 appears on maps created in 1973 and 1974. All of the maps show plan views of the room but only one 1973 map (Cat. No. 2005.25.15189) shows a profile (Table A.2).



Figure 7.13. Room 41, first floor (4A). Source: Cat. No. 80.24.970A.



Figure 7.14. Room 41, second level of fill below first floor, in Test Pit 1 (5B-T1). Source: Cat. No. 80.33.223A.

Room 42

1974 Excavations

Linda Cordell led the 1974 excavation that identified this room. Six student notebooks (Cat. Nos. 79.84.131, .132, .145, .148, and .167; Cat. No. 93.16.14) describe work in the room from June 10 through June 24. Figure 7.15 shows the room in plan and profile.

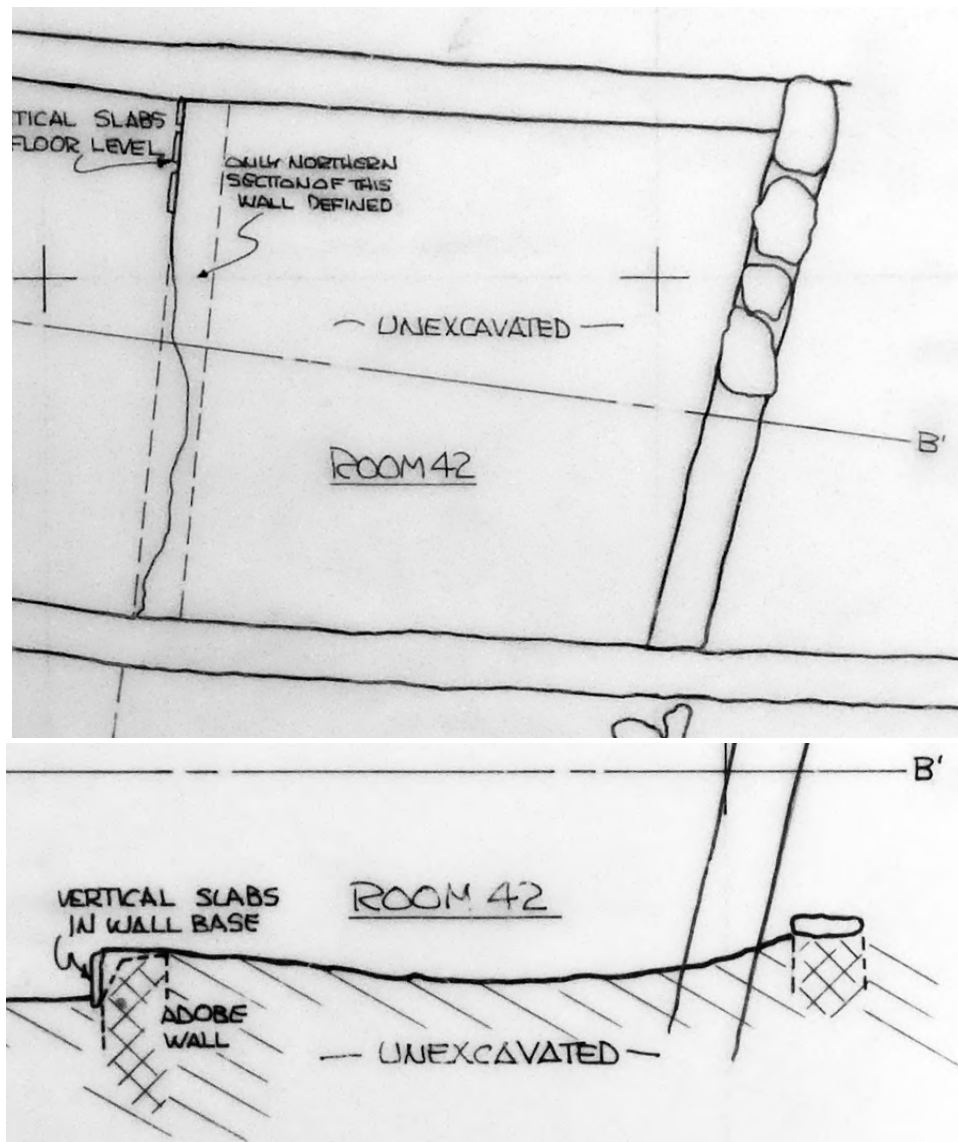


Figure 7.15. Plan and profile of Room 42. In the right half of the profile, the parallel diagonal lines indicate a wall in an overlapping plan. Source drawing: Cat. No. 2005.25.15189.

Data from Field Forms (Cat. No.79.84.22)

Room Data Sheet. The sub-datum for this room was at 020S/120E. Room 42 was identified as probably used for storage. Room fill consisted of dirt and adobe wash. The room was not completely excavated, as a subfloor test did not reach sterile.

Table 7.17 provides wall details.

Table 7.17. Room 42, Wall Measurements and Materials.

	Length (ft)	Height (ft)	Thickness (ft)	Material
North	8.3	0.85	0.7	Adobe
East	7.6	0.9	0.8	Masonry
South	6.4	0–0.4		Adobe/Masonry
West	8.1	0.4	0.7	Adobe/Masonry

Depths of the four corners of the room were recorded as 1.16 feet BSD (northeast corner), 1.61 feet BSD (southeast corner), 1.5 feet BSD (southwest corner), and 1.25 feet BSD (northwest corner)

Grid Level Records. A form for the first level of fill (2A) includes a diagram of an “adobe brick” north wall.

A single form describes five levels of fill below the first floor in Test Pit 1 (5A through 5E-T1); the five levels extended from 1.65 to 4.15 feet BSD. The 3 by 3 foot Test Pit 1 (T1) was located at grid values 023–026S/127–130E, in the room’s southeast corner. The bottom of the wall footings was 2.5 feet BSD. A comment indicates that all of the levels of Test Pit 1 (T1) predated Room 42.

Feature Form. A form for the first floor (4A) places the room corners at 018.5S/131.5E (northeast), 026S/129.6E (southeast), 017S/123E (northwest), and 025.7S/123.5E (southwest). The north third of the room had a reddish, possibly burned slab floor. The south wall was not clearly defined.

Observations from Notebooks

Test Pit 1 was placed in the room’s southeast corner (Cat. No. 79.84.148).

A diagram (Cat. No. 79.84.131) shows an adobe north wall, a subfloor test in the room’s southeast corner, a slab-lined area along the north wall, a partial adobe floor in the room’s southwest corner, and a west wall, in poor condition, of both adobe and rock.

At the third level of fill below the first floor (5C), the interior wall measurements were 8.5 feet (north), 7.5 feet (east), 6.1 feet (south), and 8.7 feet (west). The room corners were at grid

positions 018.5S/131.5E (northeast), 026S/129.6E (southeast), 017S/123E (northwest), and 025.7S/123.5E (southwest) (Cat. No. 79.84.132).

On June 24 (the last day of excavations in the room), the road grader leveled the room (Cat. No. 79.84.148).

Summary of Excavations by Levels

Table 7.18 summarizes the excavations by level.

Table 7.18. Room 42, 1974 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1A – 1 st surface level		Was stripped and excavated in 1973, leaving 1/4 of the room undisturbed (Cat. No. 79.84.132).
2A – 1 st level fill	Located at 0.3–1.0 ft BSD, matrix of adobe bricks.	Previously exposed in north 1/3 of room (Cat. No. 79.84.145).
4A – 1 st floor	Located at 1–1.5 feet BSD, made of masonry, matrix of adobe and flagstone floor. Stone slabs extend 1–2 feet south from north wall.	Previously exposed in south 2/3 of room (Cat. No. 79.84.145). Located at 1.4 feet BSD, about 0.15 foot thick made of partially burned adobe covering slab lined floor (Cat. No. 79.84.132). Subfloor of spalls in room's northwest corner continued to east side of room (Cat. No. 79.84.145). Defined room's southeast corner (Cat. No. 93.16.14).
5A-T1 – 1 st level fill below 4A in Test Pit 1	Located at 0.65–2.15 feet BSD, hard adobe fill, burned.	Matrix of burned adobe with hard pack adobe chunks at 2.0 feet BSD (Cat. No. 79.84.132).
5B-T1 – 2 nd level fill below 4A in Test Pit 1	Located at 2.15–2.65 feet BSD, hard adobe in soft soil.	Matrix of soft fill (Cat. No. 79.84.132). Hard patches of adobe, soft patches of soil, charcoal fill (Cat. No. 79.84.145).
5C-T1 – 3 rd level fill below 4A in Test Pit 1	Located at 2.65–3.15 feet BSD, burned adobe & charcoal.	Matrix of burned adobe, south wall footing stops at 2.50 feet BSD (Cat. No. 79.84.132). Lots of charcoal and burned adobe (Cat. No. 79.84.145).
5C – 3 rd level fill below 4A		Lots of charcoal, hard adobe (Cat. No. 79.84.148).
5D-T1 – 4 th level fill below 4A in Test Pit 1	Located at 3.15–3.65 feet BSD, soft soil, charcoal & burned.	Matrix of burned adobe (Cat. No. 79.84.132). Soil softer, with charcoal and burned adobe (Cat. No. 79.84.145).

Table 7.18. Room 42, 1974 Excavated Levels.

Level	From the Field Forms	From the Notebooks
5E-T1 – 5 th level fill below 4A in Test Pit 1	Located at 3.65–4.15 feet BSD, adobe chunks in softer soil.	Matrix of soft fill. Found opening/hole at 4.15 feet BSD, 0.3 foot wide in east wall of T1 (Cat. Nos. 79.84.132, .145).
5E – 5 th level fill below 4A		Located at 3.65–4.15 feet BSD, removed level (Cat. No. 79.84.148).

Published Comments

The room was excavated; part of the room was then removed by a Bernalillo County Highway Department road grader. The floor of Room 42 was partly lined with stone slabs. The room was separated from Room 45 by a rough stone alignment (Burtchard, in Cordell 1975: 46–47).

Artifacts, Photographs, and Maps in the Collections

Table 7.19 summarizes the artifacts from Room 42 in the Maxwell Museum collection.

Table 7.19. Room 42, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Artifacts/ Other*
2A	x	x	x	x
4A	x	x	x	x
5A-T1	x	x	x	
5B-T1	x	x	x	x
5C-T1	x	x	x	x
5D-T1	x	x	x	
5E-T1	x	x	x	
*Includes the following items: Level 2A: restorable ceramics and a mineral specimen. Level 4A: a rim sherd, obsidian points, soil, and pollen. Level 5B-T1: worked bone. Level 5C-T1: an obsidian knife.				

The only photograph of Room 42 in the Maxwell Museum archives shows the first floor (4A) (Figure 7.16).



Figure 7.16. Room 42, first floor (4A). Source: Cat. No. 80.33.126A.

Room 42 appears on maps created in 1973 and 1974. All of the maps provide plan views, but only one 1973 map (Cat. No. 2005.25.15189) provides a profile (Table A.2).

Room 43

1974 Excavations

Linda Cordell led the 1974 excavation that identified this room. Twelve student notebooks (Cat. Nos. 79.84.131, .136, .139, .144, .146, .147, .153, .154, .157, .164, and .166; Cat. No. 93.16.14) describe work in the room from June 11 through July 15. Figure 7.17 shows a plan view of the room.

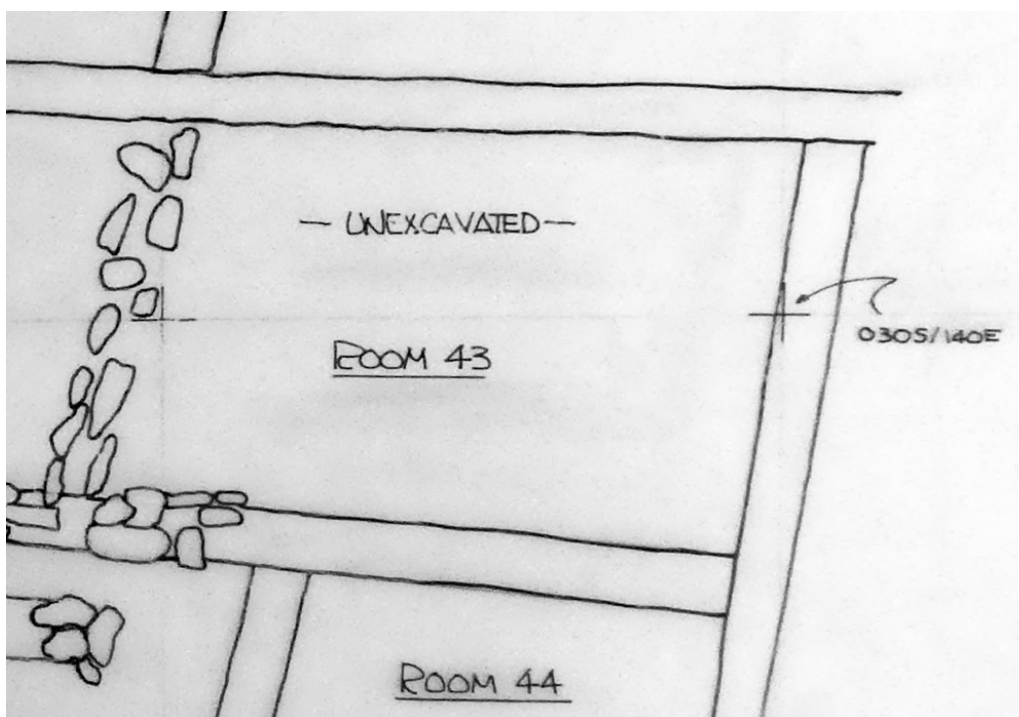


Figure 7.17. Plan of Room 43. Source drawing: Cat. No. 2005.25.15189.

Data from Field Forms (Cat. No. 79.84.22)

Room Data Sheet. The sub-datum for this room was at 020S/130E. The first floor (4A) was used for habitation and the second floor (4B) was used for storage. A fire pit and a posthole or ash pit were associated with the first floor (4A). Room fill consisted of adobe chunks and loose material. The room was completely excavated but no subfloor test was made.

Table 7.20 provides wall details.

Table 7.20. Room 43, Wall Measurements and Materials.

	Length (ft)	Height (ft) 4A/4B	Thickness (ft)	Material
North	7.45	4.2/NA	0.8	Adobe
East	6.7	4.5/5.2		Adobe
South	7.75	4.5/5.2	1.0	Adobe
West	6.7	5.0/5.75	0.9	Puddled adobe

At the second floor (4B), depths of the four corners of the room were recorded as 7.17 feet BSD (northeast), 6.37 feet BSD (southeast), 7.81 feet BSD (southwest), and 8.07 feet BSD (northwest).

An associated diagram shows Test Pit 2 (T2) in the room's southeast corner.

Grid Level Records. Fallen rocks were present in the second level of fill (2B) in the room's northwest corner. The rocks may have come from the room's masonry west wall.

All four walls were well-defined at the third level of fill (2C). Their internal measurements were 6.6 feet (east and west walls) 7.4 feet (north and south walls). Wall thicknesses were 0.6 foot (north), 1.15 feet (west), and 1.0 foot (south); the thickness of the east wall was not provided. A 3 by 3 foot test pit was placed in the room's northwest corner.

A diagram of the fourth level of fill (2D) shows a test pit in the room's northwest corner measuring 2.8 feet north-south by 2.6 feet east-west. At this level the north wall was 0.8 foot thick, the west wall was 1 to 1.2 feet thick, and the south wall was 1.25 feet thick. The east wall was undefined at its north end. The east part of the north wall had broken off. A slight change in fill color and texture was observed in the room's southwest corner.

At the fifth level of fill (5E), wall heights were recorded as 2 feet (south), 2.7 feet (north), 2.9 feet (west), and 2.4 feet (east).

Wall heights at the sixth level of fill (2F) were 2.5 feet (south), 3 feet (east), 3.2 feet (north), and 3.4 feet (west). An associated diagram shows Test Pit 1 (T1) in the room's northwest corner. The diagram also shows that the south end of the west wall had been partly collapsed by the road grader. The east wall was undefined. The west wall was 1 to 1.2 feet thick, the north wall was 0.8 foot thick, and the south wall was 1.25 feet thick.

At the seventh level of fill (2G), the fill in the room's northwest corner was very soft. A diagram shows the east end of the room's north wall as eroded and the east wall as undefined.

A diagram associated with the form for the first floor (4A) shows a hearth (F1) in the room's southwest corner, an ash pit or floor depression (F2) slightly near the center of the room near the west wall, and a posthole (F3) in the room's northwest quadrant; the east wall was undefined.

The form for the second floor (4B) lists wall heights consistent with those in Table 7.20. The floor is described as "very good," hard-packed and cracked, with an inset stone slab in the north half of the room. The form lists also the grid positions for the floor corners as 025S/135E (northwest), 025S/142E (northeast), 033S/133.3E (southwest), and 033.5S/140E (southeast).

Feature Forms. The hearth's (F1) center was at 028.1S/133.25E, 6.23 feet BSD. The hearth measured 1.45 feet north-south, 1.25 feet east-west, and 0.43 foot deep. It was filled with ash and adobe chunks. All four walls of the hearth were slab-lined, and the bottom had a burned adobe lining. F1 was associated with a possible ash pit or floor depression.

The possible ash pit or depression (F2) was located at 6.17 feet BD, 0.1 foot below the surface, at grid position 031.0S/133.85E. This feature was full of ash and sandy soil. It measured 1.35 feet north-south, 1.25 feet east-west, and 0.1 foot deep.

A post hole (F3) was located at 6.0 feet BSD, 0.2 foot below the surface, at grid position 032.66S/132.15E. The fill was rock and loose soil, with adobe at the base of the hole. It measured 0.55 foot in diameter by 0.2 foot deep and was in the room's southwest corner. The full depth of the post hole was unknown due to the nature of the fill.

A form for the first floor (4A) listed three features (F1–F3). The floor measured 7.75 feet east-west and 6.7 feet north-south. Wall heights were reported as 3.45 feet (south), 4.5 feet (west), 4.0 feet (north), and 3.75 feet (east)—values which do not correspond to those provided on the room data sheet (Table 7.20).

A form for the first level of fill below the first floor (5A) places Test Pit 2 (T2) in the room's southeast corner. Wall heights were recorded as 5 feet (west), 4.7 feet (north and south), and 4.3 feet (east). Wall thicknesses were recorded as 0.8 foot (north), 0.9 foot (west), and 1.0 foot (south); the thickness of the east wall was not provided.

Observations from Notebooks

The room fell in grid units 020S/130E and 030S/140E (Cat. No. 79.84.144). At the first level of fill (2A), the sub-datum being used was at 020S/130E (Cat. No. 79.84.154).

The room's west adobe wall was about 1 foot east of Room 45's masonry east wall and parallel to and offset from (west of) Room 44's west wall (Cat. No. 79.84.131) (Figure 7.1).

One notebook (Cat. No. 79.84.154) describes three levels within the room below the first level of fill (2A). The lowest level was in the southeast part of the room, the middle level in the southwest part of the room, and the highest in the northwest part of the room. An east-west wall crossed the middle of the room. The student mentioned a decision to excavate the room even with the middle level, which showed that the adobe west wall was offset from a masonry wall.

A second notebook (Cat. No. 79.84.157) clarified these statements. The north and south walls had been defined earlier. The students struggled to define the east and west walls and there were “designated and proposed boundaries” of non-uniform depth for three levels. The highest of the three levels began along gridline 030S/130E, extending from the west boundary about three-quarters of the way to the east boundary. The middle level was about 2 inches lower than the highest level and extended from the west boundary east and from the south wall north to meet the highest level. The lowest level was about 7 to 8 inches below the middle level, in the room's southeast corner, and was used to characterize the room's west wall as extending into the lower west wall of Room 44.

A 3 by 3 foot test pit (T1) was placed in the room's northwest corner, starting at the second level of fill (2B) (Cat. Nos. 79.84.139 and .157).

Table 7.21 lists wall measurements at different levels, with notebook references. Other notebooks provide slightly different measurements.

Table 7.21. Room 43, Wall Measurements at Different Levels.

Level	Height (Ft)	Inner Length (Ft)	Thickness (Ft)
3 rd level of fill (2C)	N-0.61, W-1.5, S-1.0 (Cat. No. 79.84.139)	N-6.6, W-7.4, S-6.6, E-7.4 (Cat. No. 79.84.146)	N-0.61, W-1.15, S-1.0 (Cat. No. 79.84.146)
4 th level of fill (2D)		N-7.5, W-6.6, S-7.5, E-6.6 (Cat. No. 79.84.139)	N-0.6, W-1.1, S-1.0 (Cat. No. 79.84.144)
5 th level of fill (2E)	N-2.7, W-2.9, S-2.0, E-2.4 (Cat. No. 79.84.139)	N-7.5, W-6.6, S-7.5, E-6.6 (Cat. No. 79.84.139)	
1 st floor (4A)		N-7.75, W-6.75, S-7.75, E-6.75 (Cat. No. 79.84.139).	

Three features were identified and associated with the first floor (4A): a hearth (F1) in the room's northwest corner, an ash-filled depression (F2) near the center of the west wall, and a possible post hole (F3) in the room's southwest corner (Cat. No. 93.16.14). A diagram (Cat. No. 79.84.146) shows the inside length of the north wall as 7.25 feet and that of the west wall as 6.92 feet.

The students started a 3 by 3 foot test pit (T2) in the room's southeast corner (Cat. No. 79.84.146).

At the second floor (4B), the east wall was set back a bit from where it had been in the room's northeast corner. The north wall was set about 6 to 8 inches back from its earlier position (higher up), and the wall appeared to have collapsed of its own weight (Cat. No. 79.84.146). A different notebook (Cat. No. 93.16.14) explained that at the second floor (4B), the north wall was offset north of its position at the first floor (4A) and possibly had been rebuilt during construction of the wall separating Rooms 43 and 29.

The sub-datum was at 030S/140E. A diagram shows Test Pit 3 (T3) in the room's southeast corner. Wall thicknesses were 1.1 feet (west), 1.0 foot (south), and 0.61 foot (north) (Cat. No. 79.84.153). Test Pit 3 (T3) was a subfloor test below the second floor (4B) (Cat. No. 79.84.164).

The room was backfilled (Cat. Nos. 79.84.131 and 93.16.14).

Summary of Excavations by Level

Table 7.22 describes the excavations by level.

Table 7.22. Room 43, 1974 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1B – 2 nd surface level		Defined north and south room walls (Cat. No. 79.84.166).
2A – 1 st level fill	Located at 0.73–1.35 feet BSD, matrix of adobe wash.	Removed level, identified east wall and its continuation north of the room (Cat. No. 79.84.154).
2B – 2 nd level fill	Located at 1.35–2.13 feet BSD, matrix of loose soil & adobe wash.	Dug a 1 foot square test 0.7 foot below 2A in middle of room just north of the room's southeast lower level, and identified it as 2B and the room's south wall, some fallen rocks (Cat. No. 79.84.154). Found metal washer and nail in west wall, removed level (Cat. No. 79.84.157).
2C-T1 – 3 rd level fill in Test Pit 1		Located at 2.93–3.41 feet BSD (Cat. No. 79.84.139).
2C – 3 rd level fill	Located at 2.93–3.5 feet BSD, matrix of hard adobe chunks, loose, fine fill.	In room's southwest end, level is 0.8–1 foot deep (Cat. No. 79.84.139). Cist identified (Cat. No. 79.84.144).
2D-T1 – 4 th level fill in Test Pit 1		Located at 3.41–3.9 feet BSD, lots of burned wood (Cat. No. 79.84.139).
2D – 4 th level fill	Located at 3.5–4.0 feet BSD, matrix of adobe chunks, some fine loose soil with slight color change.	More moist and less adobe (Cat. No. 79.84.139). Softer, finer matrix, lots of adobe chunks in room's southeast corner (Cat. No. 79.84.144).
2E-T1 – 5 th level fill in Test Pit 1		Located at 3.9–4.45 feet BSD, lots of burned wood (Cat. No. 79.84.139).
2E – 5 th level fill	Located at 4.0–4.6 feet BSD, matrix of very fine, loose & damp soil with some adobe chunks along the south wall.	Finer fill, more moist, finer matrix (Cat. No. 79.84.139).
2F-T1 – 6 th level fill in Test Pit 1		Located at 4.45–5.05 feet BSD, identified good wall on west side (Cat. No. 79.84.139).
2F – 6 th level fill	Located at 4.6–5.0 feet BSD, matrix of fine, loose fill, adobe blocks along south wall.	Part of west wall destroyed by road grader (Cat. No. 79.84.139).
2G-T1 – 7 th level fill in Test Pit 1		Located at 5.05–5.52 feet BSD (Cat. No. 79.84.146).
2G – 7 th level fill	Located at 5.07–5.52 feet BSD, matrix of soft and damp, scattered adobe.	Less adobe fill (Cat. No. 79.84.139).
4A-T1 – 1 st floor in Test Pit 1		Located about 0.4 foot below 2G, made of adobe (Cat. No. 79.84.139).

Table 7.22. Room 43, 1974 Excavated Levels.

Level	From the Field Forms	From the Notebooks
4A – 1 st floor	Located at 6.07 feet BSD (at grid position 036S/140E), 3 inches thick, made of plastered adobe, matrix of sand fill, layer of clay and/or mud.	Located at 5.52–6.07 feet BSD (Cat. No. 79.84.139). Homogeneous fill, lots of ash in room's west section (Cat. No. 93.16.14). Found 3–6 inches Aeolian sand directly above cracked mud/clay layer on floor (Cat. No. 79.84.146).
5A-T2 – 1 st level fill below 4A in Test Pit 2		Located at 6.07–6.57 feet BSD, found earlier hard caliche layer/possible floor 2 inches below surface (Cat. Nos. 79.84.144, .146). Hard adobe chunks, blackened rock along east wall (Cat. No. 79.84.139). Located at 6.07–6.67 feet BSD (Cat. Nos. 79.84.144, .146).
5A – 1 st level fill below 4A	Located at 6.07–6.57 feet BSD (at grid position 036S/140E), 3 inches thick, made of plastered adobe. Matrix of 3 inch deep adobe above adobe chunks and loose fill.	
5B-T2 – 2 nd level fill below 4A in Test Pit 2		Located at 6.67–7.1 feet BSD, matrix of loose fill with some adobe chunks (Cat. No. 79.84.146).
5C-T2 – 3 rd level fill below 4A in Test Pit 2		Cat. No. 79.84.144
5C – 3 rd level fill below 4A		Located at 6.07–6.57 feet BSD, all walls continue down along same lines as walls for upper levels (Cat. No. 79.84.144).
4B – 2 nd floor	Located at 6.57–7.27 feet BSD/7.27 feet below the surface, cracked adobe, matrix of adobe, loose and sandy fill, generally very hard.	Originally identified as 5B (Cat. No. 79.84.144). Stripped floor in two layers, very good floor across entire room, fill of adobe, loose fill, some unburned wood in room's southeast corner (Cat. No. 79.84.139). Located at 7.25 feet BSD at grid location 020S/130E (Cat. No. 93.16.14).
6A-T3 – 1 st level fill below 4B in Test Pit 3		Located at 17.43–17.93 feet BD, floor at 17.43 feet BD, 0.2 foot thick, sand and ash with some charcoal (Cat. No. 79.84.153).
6B – 2 nd level fill below 4B		Located at 17.93–18.43 feet BD, sterile soil (Cat. No. 79.84.153).
6C-T3 – 3 rd level fill below 4B		Sterile (Cat. No. 79.84.164).

Published Comments

Room 43 was partly visible from the surface (Cordell 1975:6).

Room 111 was identified during the excavation of Room 43 (Burtchard, in Cordell 1975:47).

Four “outside” tree ring dates were obtained and ranged from 1368r to 1374r. Two of these dates came from the third level of fill (2C). Room 43 predated Rooms 42, 45, and 47 (Cordell 1977a: 46).

Artifacts, Photographs, and Maps in the Collections

Table 7.23 lists the artifacts from Room 43 in the Maxwell Museum collections.

Table 7.23. Room 43, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Maize	Pollen	Soil	Flotation	Artifacts/ Other*
2A	x	x	x		x	x		x
2B	x	x	x	x	x	x	x	x
2C-T1		x		x				
2C	x		x	x	x	x		x
2D-T1		x		x				x
2D	x	x	x	x	x	x		x
2E-T1	x	x						x
2E	x	x	x		x	x		x
2F-T1								x
2F	x		x		x			x
2G-T1		x						
2G	x	x	x		x	x		x
4A	x	x	x		x	x	x	x
5A-T2	x	x	x					
5A	x	x	x		x			
4B-T2	x	x	x					x
4B	x	x	x		x	x	x	x
6A-T3	x						x	
6B-T3	x		x		x		x	
6C-T3					x		x	
T1								x
*Includes the following items: Level 2A: a scraper, an argillite pendant, and crinoid stems. Level 2B: drilled sherds and a bone awl. Level 2C: a ceramic pipe fragment, a mano, a bone awl, and worked wood. Level 2D-T1: worked bone.								

Table 7.23. Room 43, Artifacts in the Maxwell Museum.

Level 2D: a rim sherd. Level 2E-T1: worked stone and a shell bead. Level 2E: a ceramic pipe fragment and a chert point. Level 2F-T1: a chalcedony scraper. Level 2F: a knife. Level 2G: a knife. Level 4A: a scraper, a point, polishing stones, cores, a stone palette, a sandstone “wall wedge,” and ash. Level 4B: stone palettes and fossilized shell. Level 4B-T2: a chert point. Level T1: a paint palette.

The Maxwell Museum archives hold 13 photographs of Room 43 (Table A.1). Figure 7.18 shows the hearth (F1) in the first floor (4A), along with the ash-filled depression (F2) and post hole (F3) in that floor. Figure 7.19 shows an undefined feature (F4) on the same floor. (David Phillips [personal communication, 2020] suspects that F2 –F4 may be due to rodent disturbance.) Figure 7.20 shows the room’s second floor (4B).

Room 43 appears on maps created in each year from 1973 through 1976. All of the maps provide only plan views of the room (Table A.2).

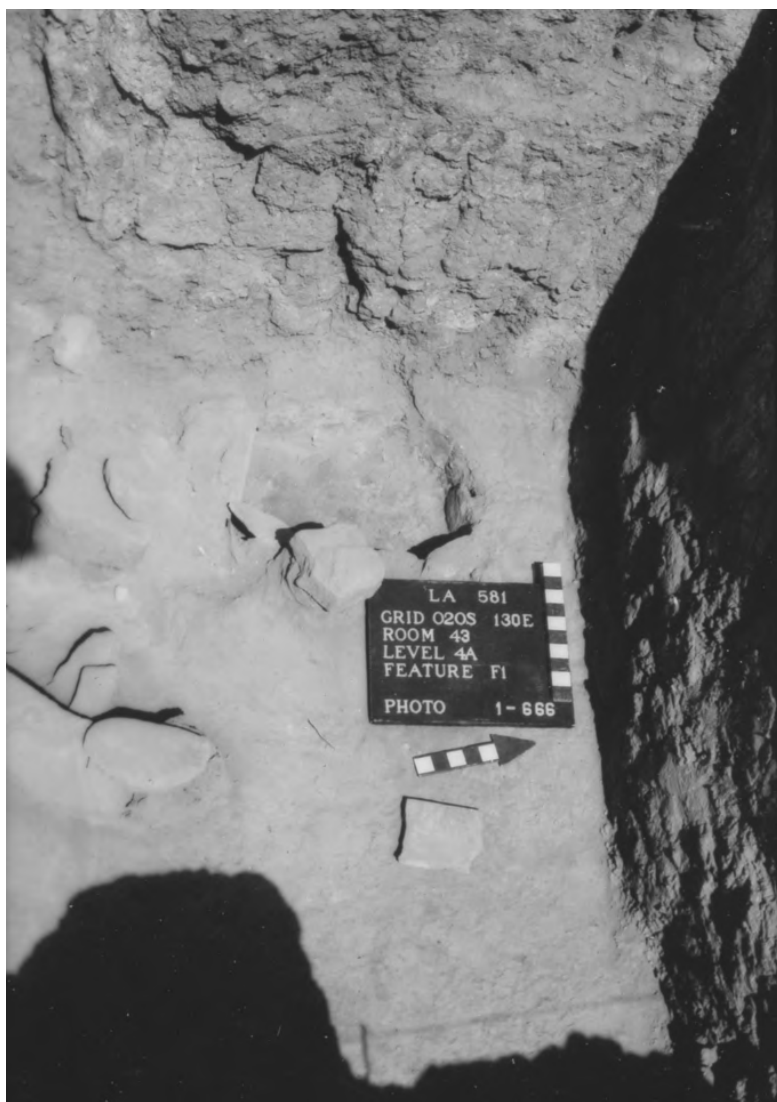


Figure 7.18. Features on the first floor (4A) of Room 43. Left: the hearth (F1). Source: Cat. No. 80.33.185A. Right: the ash-filled depression (F2) and the post hole (F3). Source: Cat. No. 80.33.207A.

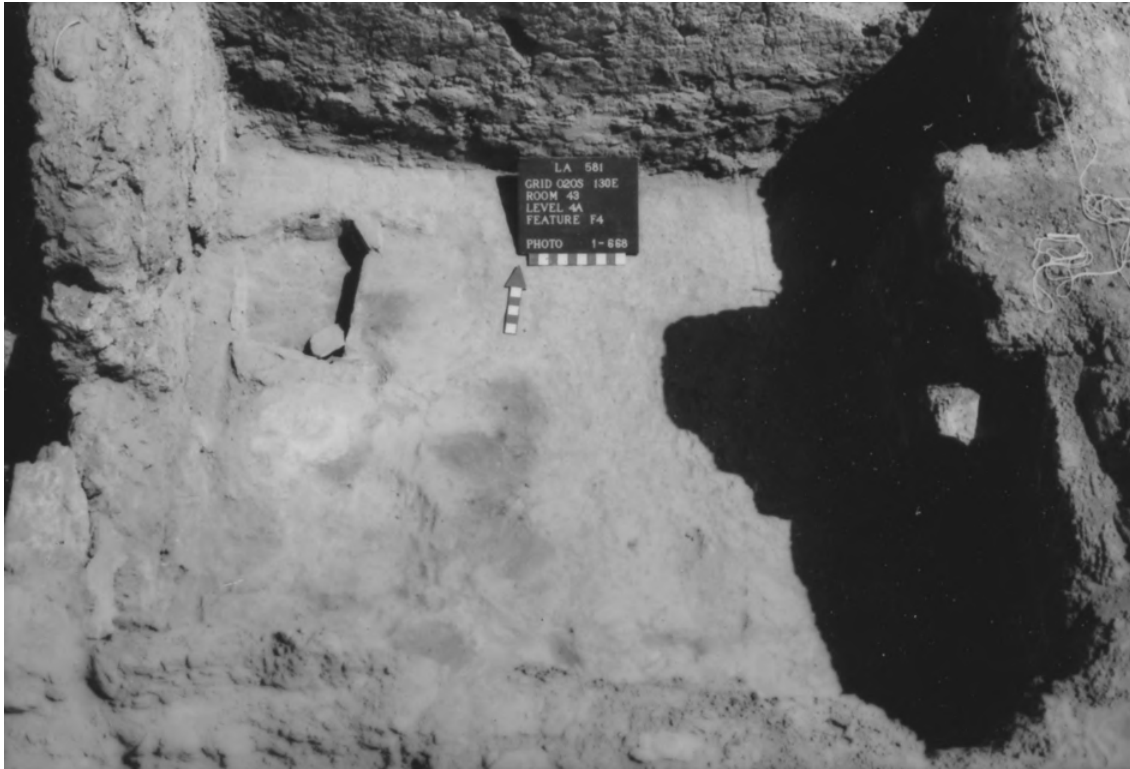


Figure 7.19. Room 43, unidentified feature (F4) in the first floor (4A).
Source: Cat. No. 80.33.192A.



Figure 7.20. Room 43, second floor (4B). Source: Cat. No. 80.33.220A.

Room 44

1973 Excavations

During the 1973 excavations led by James Judge, this location was identified as a room—probably in error. Four student notebooks (Cat. Nos. 79.84.92, .104, .105, and .106) describe work in the supposed room from June 20 through 22. The location is shown in Figure 7.21.

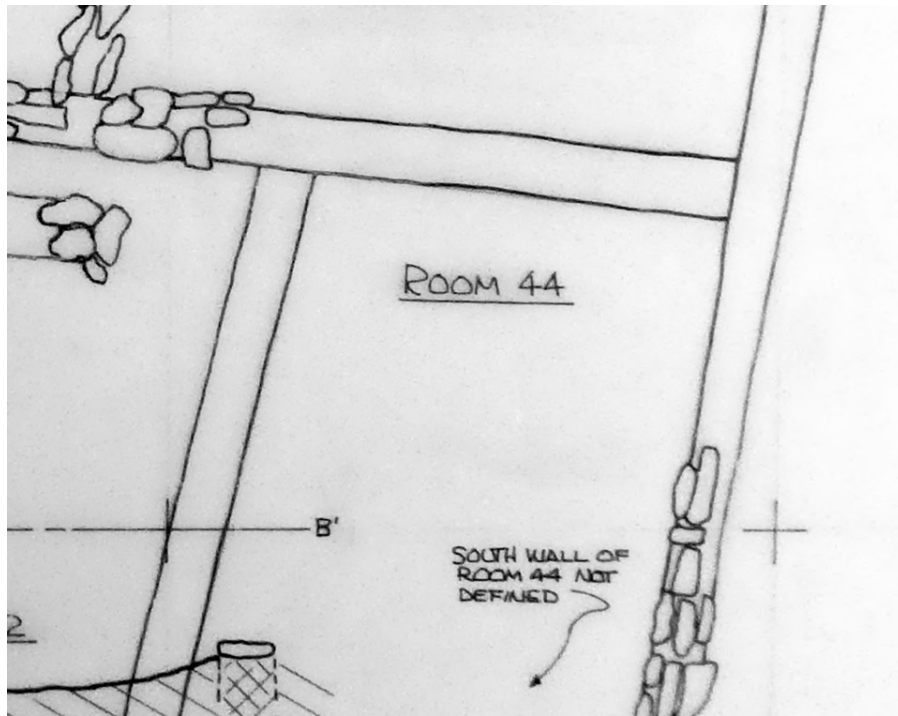


Figure 7.21. Plan of “Room” 44. Source drawing: Cat. No. 2005.25.15189.

Data from Field Forms (Cat. No. 79.84.15)

The sub-datum was at 030S/130E, with no stated vertical relationship to the datum.

Grid Level Records. The record for the first level of fill in Test Pit 1 (2A-T1) includes a diagram showing Test Pit 1 in the room’s southwest corner. The form also shows adobe west and south walls and a floor found in Test Pit 1.

The record for the third level of fill (2C) includes a diagram in which Test Pit 1 (T1), in the southwest corner of the room, is labeled T2 (Test Pit 2) at a depth of 5 feet BSD.

Observations from Notebooks

The room spanned grid units 030S–040S/130E. A diagram shows a masonry east wall (Cat. No. 79.84.104).

One notebook (Cat. No. 79.84.106) explains the students' misidentification of a floor:

- What was described as the room's east wall was actually masonry over adobe.
- Only three walls were identified; the area originally identified as Room 44 may have been a courtyard or trash deposit.
- The room's north wall continued down in a 5 by 5 foot area at least 1 foot below what the students had thought to be a floor. In one section the wall stopped within a few inches beneath the surface (what the students had thought to be a floor).
- The records do not indicate how far down the west wall was extended, but the students followed the north wall down at least a foot, then followed the west wall down also.

Summary of Excavations by Level

Table 7.24 describes the excavations by level.

Table 7.24. Room 44, 1973 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1A – 1 st surface level		Identified all walls (Cat. No. 79.84.105).
2A-T1 – 1 st level fill in Test Pit 1	Located at 1.4 feet BSD, matrix of adobe wash under loose fill.	
2A – 1 st level fill	Located at 2.5 feet BSD, matrix of loose soil, little rock or adobe wash, moist soil.	North, east, and south walls were uncovered (Cat. No. 79.84.106). Removed level (Cat. No. 79.84.105).
2B-T1 – 2 nd level fill in Test Pit 1	Located at 3.15 feet BSD, matrix of loose soil with large amounts of adobe chunks.	Taken down to 5 feet BSD, where excavation was stopped (Cat. No. 79.84.92).
2B – 2 nd level fill		Removed level (Cat. No. 79.84.105).
2C – 3 rd level fill		Originally identified as a floor in Test Pit (4A-T1), later described as a courtyard floor by Judge (Cat. No. 79.84.105).
3A – 1 st level roof fall		Loose fill, some adobe wash (Cat. No. 79.84.104).
4A-T1 – 1 st floor in Test Pit 1	Located at 3.1 feet.	Located at 3.1 feet BSD, made of black charcoal mix (Cat. No. 79.84.92). Disappeared in excavation; may have been a plaza surface (Cat. No. 79.84.92).

Judge's Comments

In a weekly summary dated June 22, 1973, Judge indicated that “4 adobe walls were defined at the outset, but it turned out that all were adobe footing remnants of masonry room construction – now gone. East wall masonry footings still remain.” He indicated that a 3 by 3 foot test pit (T1) in the room’s southwest corner was excavated about 3 feet deep and exposed heavy adobe chunks mixed with and overlying stratified trash. A use surface was defined at 2.0 feet BSD and was identified as part of a plaza. Excavations stopped at this surface (Cat. No. 93.16.10:5).

1974 Summary of Judge Excavations

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

A form identifies the location of this “room” as grid unit 030S/130E. There, excavations included the first surface level (1A) and three levels of fill (2A, 2B, 2C), to a depth of 3.4 feet BSD. A first floor (4A) was described as measuring 6 by 4.5 feet, with accompanying adobe and adobe-masonry walls.

Artifacts, Photographs, and Maps in the Collections

Table 7.25 summarizes the artifacts from Room 44 in the Maxwell Museum collection.

Table 7.25. Room 44, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Soil	Artifacts/ Other*
Surface	x	x			
2A – T1		x	x		
2A	x	x	x	x	x
2B – T1		x	x		
2B	x		x	x	x
2C – T2					x
2C	x	x	x	x	x
Unknown					x
*Includes the following items: Level 2A: mano fragments, a metate fragment, points (including obsidian, chert, quartzite, and quartz), worked bone, pollen, a shell pendant, and a shell bead. Level 2B: a mano. Level 2C-T2: a worked sherd. Level 2C: a ceramic pipe fragment and mano fragments. Unknown level: maize.					

There are no photographs of Room 44 in the Maxwell Museum archives (Table A.1).

Room 44 appears on maps created each year from 1973 through 1976. None includes a room profile (Table A.2).

Room 49

1973 Excavations

James Judge led the 1973 excavation that identified this room. Two student notebooks (Cat. Nos. 79.84.92 and .105) describe work in the room from June 18 through June 22. Figure 7.22 shows a plan of the room.

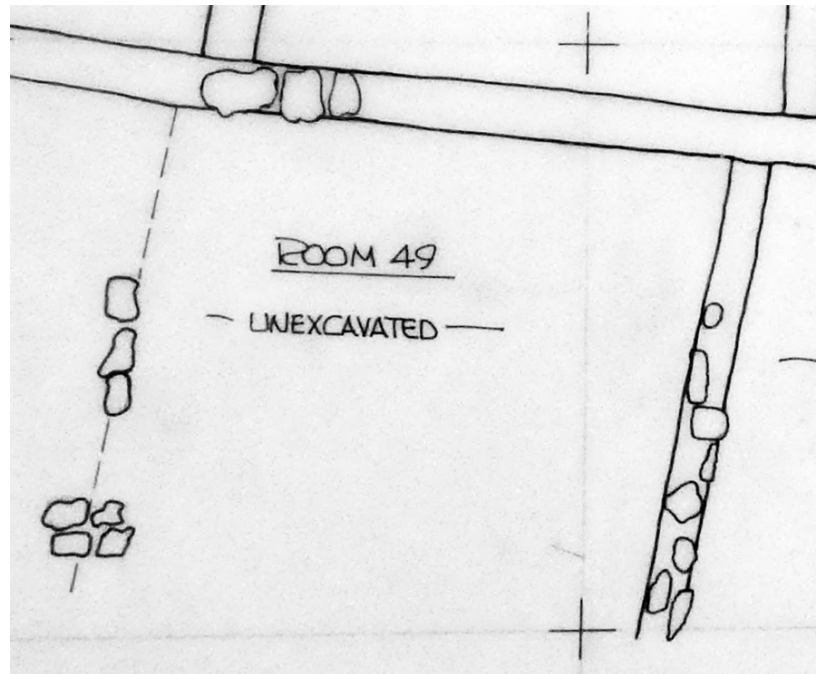


Figure 7.22. Plan of Room 49. Source drawing: Cat. No. 2005.25.15189.

Data from Field Forms (Cat. No. 79.84.10)

Grid Level Records. A form for the first level of fill in Test Pit 1 (2A-T1) includes a diagram showing that test pit in the room's southeast corner, with Test Pit 2 (T2) extending west from T1 to the room's southwest corner.

A single form was completed for the five levels of fill (2A-2E) excavated in Test Pit 2 (T2).

Observations from Notebooks

The room was in grid unit 020S/080E. The north and east walls were defined and Test Pit 1 (T1) was started in what was thought to be the room's southeast corner (Cat. No. 79.84.92).

After removing the first surface level (1A), the students found a footing in the room's southwest corner, which was just northeast of the grid unit's southwest corner (Cat. No. 79.84.105). A diagram in the same notebook shows an adobe north wall, an east wall in grid unit 020S/100E, and a poorly defined south wall.

Summary of Excavations by Level

Table 7.26 summarizes the excavations by level.

Table 7.26. Room 49, 1973 Excavated Levels.

Level	From the Field Forms	From the Notebooks
1A – 1 st surface level		Removed level, found evidence of walls (Cat. No. 79.84.105).
2A-T1 – 1 st level fill in Test Pit 1	Located at 3.4 feet BSD, matrix of “multilayered stuff.”	
2A-T2 – 1 st level fill in Test Pit 2	Matrix of adobe wash, visible in profile diagram of T2's north wall.	Adobe wash (Cat. No. 79.84.92).
2B-T1 – 2 nd level fill in Test Pit 1	Visible in profile diagram of T1's west wall.	
2B-T2 – 2 nd level fill in Test Pit 2	Adobe with charcoal and lower layer of sand, visible in profile diagram of T2's north wall.	Adobe wash (Cat. No. 79.84.92).
2C-T1 – 3 rd level fill in Test Pit 1	Visible in profile diagram of T1's west wall.	
2C-T2 – 3 rd level fill in Test Pit 2	Coarse adobe visible in profile diagram of T2's north wall.	Nothing identified (Cat. No. 79.84.92)
2D-T1 – 4 th level fill in Test Pit 1	Visible in profile diagram of T1's west wall.	
2D-T2 – 4 th level fill in Test Pit 2	Adobe with lower layer of sand, visible in profile diagram of T2's north wall.	Nothing identified (Cat. No. 79.84.92)
2E-T1 – 5 th level fill in Test Pit 1	Visible in profile diagram of T1's west wall.	
2E-T2 – 5 th level fill in Test Pit 2	Adobe wash visible in profile diagram of T2's north wall.	Nothing identified (Cat. No. 79.84.92)

Judge's Comments

The sub-datum for this room was at 020S/080E. A 3 by 3 foot test pit extended downward 2 feet without finding a floor; the test pit was continued across the southern portion of the “supposed

room.” The students decided that the room had been defined only from masonry footings, without positive identification of walls, and that the floor was gone (Cat. No. 93.16.10:5).

Artifacts, Photographs, and Maps in the Collections

Table 7.27 summarizes the artifacts from Room 49 in the Maxwell Museum collections.

Table 7.27. Room 49, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Artifacts/ Other*
2A-T1	x	x	x	x
2A-T2	x	x	x	x
2B-T2	x	x	x	
2C-T2	x	x	x	x
2D-T2	x	x	x	
2E-T2	x	x	x	x
*Includes the following items: Level 2A-T1: an obsidian point. Level 2A-T2: points (including obsidian and quartzite). Level 2C-T2: worked sherds. Level 2E-T2: a mano.				

There are no photographs of Room 49 in the Maxwell Museum archives (Table A.1).

Room 49 appears on maps for each year from 1973 through 1976. All of the maps provide only plan views of the room (Table A.2).

Room 105

1974 Excavations

Linda Cordell led the 1974 excavation that identified this room. Six student notebooks (Cat. Nos. 79.84.130, .147, .151, and .160; Cat. Nos. 93.16.13 and .14) describe work in the room from June 27 through July 22.

This room was located below Room 41. Figure 7.23 shows the room’s location in Block 1. Figure 7.24 shows the room plan and profile.

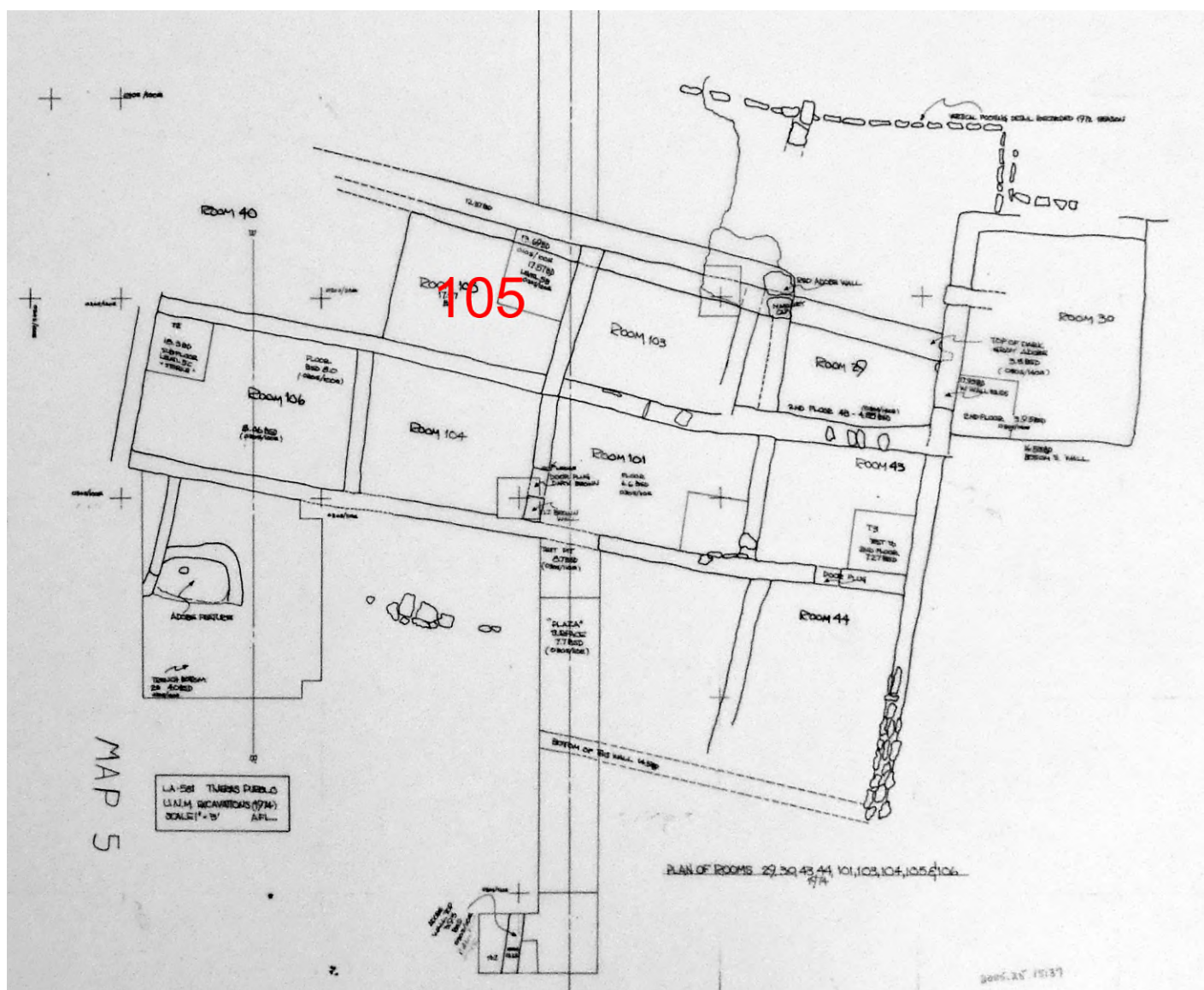


Figure 7.23. Room 105 within Block 1. Source drawing: Cat. No. 2005.25.15169.

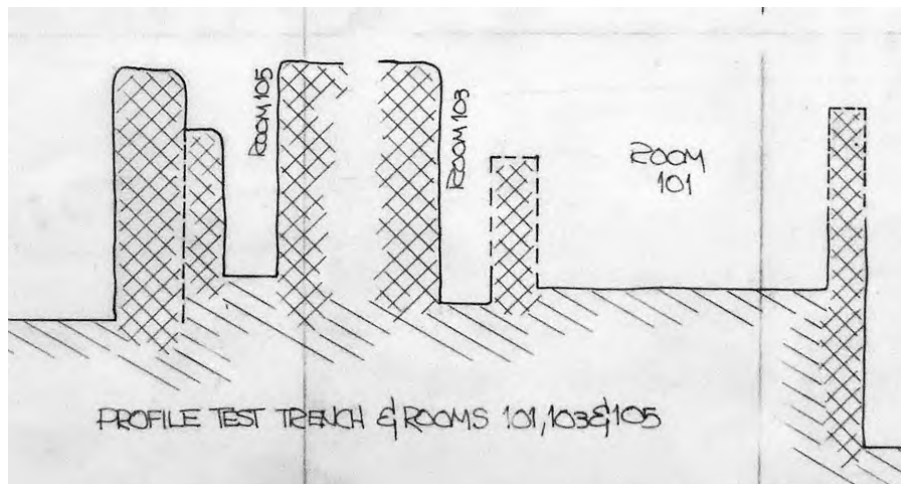


Figure 7.24. Plan and profile of Room 105. In the upper image, the profile line is the vertical line clipping the northeast corner of the room. Source drawing: Cat. No. 2005.25.15169.

Data from Field Forms (Cat. No. 79.84.24)

Grid Level Records. A single form was completed for 10 levels of fill in Test Pit 1 (2A-2J-T1), which extended from 12.37 to 17.57 feet BD. The form lists the sub-datum as located at 020S/120E. An associated diagram shows adobe north and east walls in T1 that disappear about the ninth level of fill (2I-T1), which was later redefined as the first level of fill below the first floor in Test Pit 1 (5A-T1).

A form for the first level of fill (2A) shows that level extending north-south along the room's west wall, and being the only level remaining after the road grader cut and after disturbed material (Level XA) had been removed.

A diagram associated with the second level of fill (2B) shows two contiguous walls (i.e., a double wall) at the north end of the room, extending the length of the room. (The two contiguous walls are also apparent in Figure 7.24.) The northern wall was 1.3 feet thick; the southern one was 0.8 foot thick.

A diagram for the fourth level of fill (2D) shows a former double east wall (a 1.2 foot thick wall still standing; a fallen 0.8 foot thick wall), as well as the double north wall (northern portion of the wall, 1.3 feet thick; southern portion of the wall, 0.8 foot thick; both adobe).

At the first floor (4A), the grid positions of the room's internal corners were 018.5S/123.2E (northeast), 023.9S/121.4E (southeast), 022.5S/112.9E (southwest), and 015S/114E (northwest). The north, south, and west walls measured 0.8 foot thick and the east wall was 1 foot thick. An additional portion of the wall, 1.3 feet thick, was found up against the 0.8 foot thick southern portion of the north wall.

Observations from Notebooks

The sub-datum was 12.33 feet BD (Cat. No. 79.84.130).

A diagram (Cat. No. 93.16.14) shows that a 1.4 foot thick adobe north wall was visible on the first day of excavation.

Several notebooks discuss the initial room excavation, which involved a 3 by 3 foot unit, Test Pit 1 (T1). The test was placed in the room's northeast corner so as to begin above the level of the possible floor. The test pit was also placed so as to search for a wall aligning with one in overlying Room 41 (Cat. Nos. 79.84.130, .151, and .160; Cat. No. 93.16.14).

At the second level of fill in Test Pit 1 (2B-T1) the students decided to expand the pit 0.8 foot to the south to accommodate a slumping inner wall (Cat. No. 79.84.160).

A diagram of a floor (Cat. No. 79.84.160) indicates a possible doorway in the room's east wall.

At the fourth level of fill in Test Pit 1 (2D-T1) the students found a color difference between the two components of the double north wall; the 1.4 foot thick wall was pink and the 0.8 foot thick wall was gray. At the sixth level of fill in Test Pit 1 (2F-T1), the 0.8 foot thick gray wall was leaning toward the pink wall, which suggests that the pink wall was built to buttress to the gray wall (Cat. No. 79.84.130).

At the first floor level (4A), the wall interior measurements were 9.1 feet (north), 7.8 feet (east), 8.8 feet (south), and 7.2 feet (west) (Cat. No. 93.16.13). At that depth the north wall was slumping badly to the north.

A diagram (Cat. No. 79.84.130) associated with the tenth level of fill in Test Pit 1 (2J-T1) shows two contiguous north walls (the outer wall was 1.4 feet thick and the inner was 0.8 foot thick), varying depth at the bottom of the level, and an east wall 1.2 feet thick. This level was later redefined as the second level of fill below the 1st floor (5B-T1).

Summary of Excavations by Level

Table 7.28 summarizes the excavations by level.

Table 7.28. Room 105, 1974 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2A-T1 – 1 st level fill in Test Pit 1	Top of level located at 12.37 feet BD.	Fill of hard adobe chunks (Cat. No. 79.84.160). Located at 12.37–12.87 feet BD (Cat. No. 79.84.130).
2A – 1 st level fill	Located at 12.37–12.87 feet BD, matrix of hard adobe chunks, 4 adobe walls with thicknesses: north 1.3 feet, east, west and south 0.8 foot.	
2B-T1 – 2 nd level fill in Test Pit 1		Fill of hard adobe chunks, found wall slumping out at the top just inside the large north wall (Cat. No. 79.84.160). Located at 12.87–13.49 feet BD (Cat. No. 79.84.130).
2B – 2 nd level fill	Located at 12.87–13.49 feet BD, matrix of silt and hard adobe fill.	Found negative impression of 3 roof/floor beams at 13.32 feet BD, 4 feet from the west wall and 0.5 foot from the north wall (Cat. No. 79.84.130).
2C-T1 – 3 rd level fill in Test Pit 1	Located at 13.49–13.89 feet BD, matrix of silt and hard adobe fill.	Fill of hard adobe chunks (Cat. No. 79.84.160). Defined “buttressing” wall 28 inches thick next to north wall (Cat. Nos. 79.84.130, .151).
2C – 3 rd level fill		Excavated (Cat. No. 79.84.130).
2D-T1 – 4 th level fill in Test Pit 1		Fill of hard adobe chunks (Cat. No. 79.84.160). Located at 13.89–14.39 (Cat. No. 79.84.130).
2D – 4 th level fill	Located at 13.89–14.39 feet BD, matrix of red/brown fill and adobe chunks and adobe wash.	
2E-T1 – 5 th level fill in Test Pit 1		Fill of hard adobe chunks (Cat. No. 79.84.160). Located at 14.39–14.89 feet BD (Cat. No. 79.84.130).
2E – 5 th level fill	Located at 14.39–14.89 feet BD, matrix of red/brown fill and adobe chunks.	West wall disappeared about 3 feet from south wall at bottom of level (Cat. No. 79.84.160).

Table 7.28. Room 105, 1974 Excavated Levels.

Level	From the Field Forms	From the Notebooks
2F-T1 – 6 th level fill in Test Pit 1		Fill of hard adobe chunks, east wall found to become larger (Cat. No. 79.84.160). Located at 14.89–15.39 feet BD (Cat. No. 79.84.130).
2F – 6 th level fill	Located at 14.89–15.39 feet BD, matrix of red/brown fill and adobe chunks.	West wall was offset inward and disappeared about 3 feet from south wall (Cat. No. 79.84.160).
2G-T1 – 7 th level fill in Test Pit 1		Fill of hard adobe chunks, found NW corner—large sandstone slabs as wall braces and continued down to just above floor (Cat. No. 79.84.160). Located at 15.39–15.89 feet BD (Cat. No. 79.84.130).
2G – 7 th level fill	Located at 15.39–15.89 feet BD, matrix of hard adobe fill.	Found room's northwest corner with large sandstone slabs as wall braces that continued down to just above floor (Cat. No. 79.84.160).
2H-T1 – 8 th level fill in Test Pit 1		Fill of hard adobe chunks (Cat. No. 79.84.160). Located at 15.89–16.39 feet BD (Cat. No. 79.84.130).
2H – 8 th level fill		Located at 15.99–16.39 feet BD (Cat. Nos. 79.84.151, 93.16.14).
4A – 1 st floor	Located at 15.89–16.62 feet BD, matrix of silt and hard adobe fill, four adobe walls.	Uneven plaster surface over and around the stone cobbles made for an irregular surface (Cat. No. 93.16.14). Gray rough floor with protruding cobbles (Cat. No. 79.84.130).
5A-T1 – 1 st level of fill below 4A in Test Pit 1	Previously identified as 2I-T1.	Fill of hard adobe chunks, whole test pit was lined with little rocks, north and east walls ended (Cat. No. 79.84.160). Found another 0.5 foot interior section of the east wall at 15.99 feet BD, and a layer of cobbles at 16.57 feet BD, sterile below the cobbles (Cat. No. 79.84.130).
5B-T1 – 2 nd level of fill below 4A in Test Pit 1	Previously identified as 2J-T1	Fill of hard adobe chunks (Cat. No. 79.84.160). Sterile and missing north and east walls, located at 16.39–17.09 feet BD (Cat. No. 79.84.130).
5C-T1 – 3 rd level of fill below 4A in Test Pit 1		Located at 17.57–18.07 feet BD, not yet sterile (Cat. No. 79.84.130).
5D-T1 – 4 th level of fill below 4A in Test Pit 1		Sterile at 18.57 feet BD (Cat. No. 79.84.151).

Published Comment

Room 105 was exposed after a Bernalillo County Highway Department road grader removed upper level rooms (Cordell 1975:5).

Artifacts, Photographs, and Maps in the Collections

Table 7.29 summarizes the artifacts from Room 105 in the Maxwell Museum collections.

Table 7.29. Room 105, Artifacts in the Maxwell Museum.

Level	Sherds	Stone	Bone	Flota- tion	Artifacts/ Other*
2A-T1	x		x		
2A	x		x		
2B-T1	x		x		
2B	x	x	x		x
2C-T1	x	x	x		
2C	x	x	x		
2D-T1	x		x		
2D	x	x	x		
2E-T1			x		
2E	x	x	x		x
2F-T1			x		
2F	x	x	x		
2G-T1	x	x	x		
2G	x	x	x	x	x
2H-T1		x	x		
2H	x				
2I-T1**		x			
4A	x	x	x	x	x
4B***				x	
5C-T1	x				
Unknown	x				
<p>*Includes the following items: Level 2B: adobe. Level 2E: an obsidian point. Level 2G: an obsidian point and pollen. Level 4A: an awl. **Later redefined as 5A-T1. ***Although the artifact documentation clearly indicates Room 105, Level 4B, there is no mention of a second floor (4B) in the notebooks or field forms.</p>					

The Maxwell Museum archives include seven photographs of Room 105 (Table A.1). Figure 7.25 shows the first floor (4A).



Figure 7.25. Room 105, first Floor (4A).
Source: Cat. No. 80.33.286A.

Room 105 appears on maps created from 1974 through 1976. All of the maps provide plan views of the room, but only one 1974 map (Cat. No. 2005.25.15169) provides a profile (Table A.2).

Chapter 8

INCOMPLETELY DOCUMENTED BLOCK 1 ROOMS

Room 22

The location of Room 22 is not known. James Judge probably led the excavation that identified this room, for which there are no notebooks or field forms in the Maxwell Museum archives. The collections include items from the room, but the collection dates were not recorded. Since Rooms 21 and 23 were excavated in 1972, Room 22 may have been excavated in the same year.

One bag of artifacts and a chert point in the Maxwell Museum collections came from the first level of fill (2A) in Test Pit 1 (T1). Three bags of ash do not include level information. Since the only specific provenience associated with the room is the first level of fill from a test pit (2A-T1), perhaps the test pit was started in a supposed room and quickly discontinued.

There are no photographs or maps showing the room in the Maxwell Museum collections.

Rooms 35, 37, 48, and 50

Figure 8.1 shows the locations of Rooms 35, 37, 48, and 50.

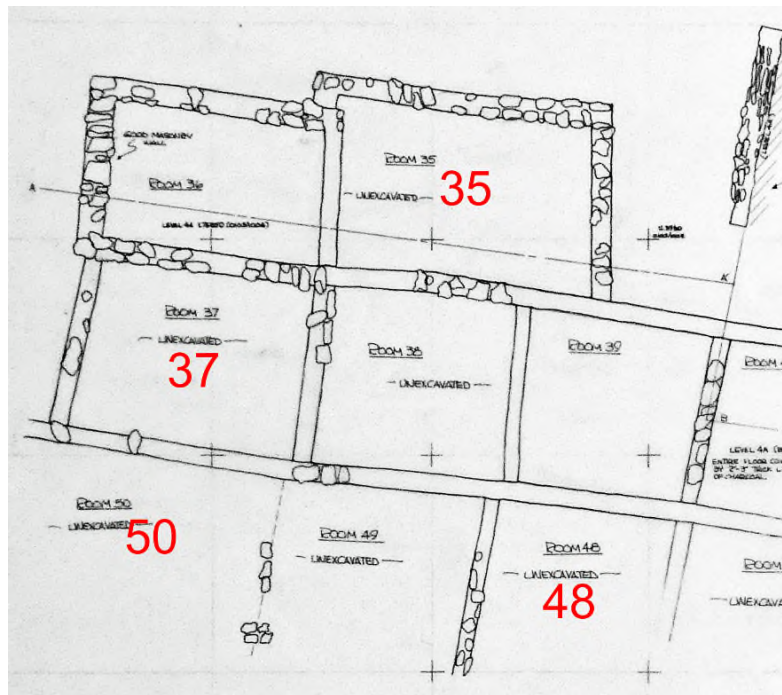


Figure 8.1. Rooms 35, 37, 48, and 50 within Room Block 1.
Source drawing: Cat. No. 2005.25.15189.

Room 35

There are no field forms, student notebooks, artifacts, or photographs for Room 35 in the Maxwell Museum. I infer that as the map segments in Figure 8.2 indicate, the room was not excavated.

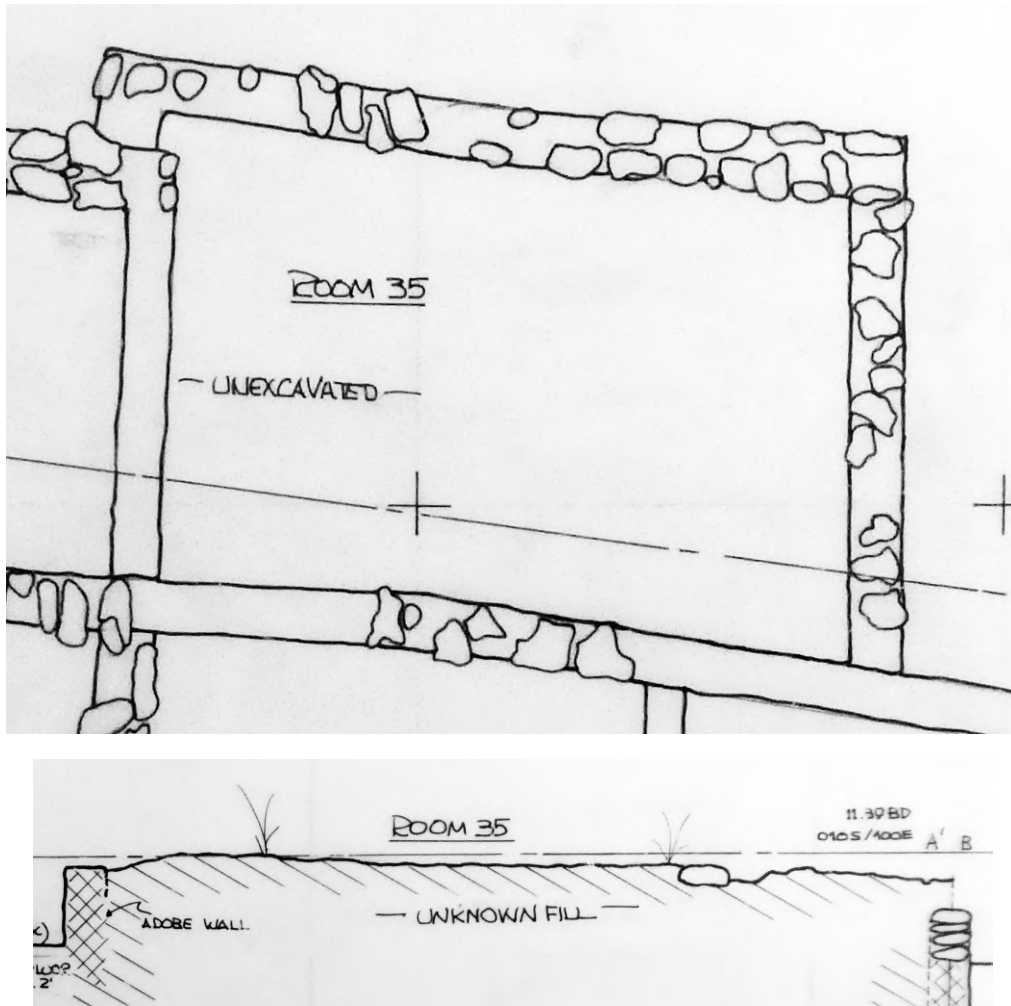


Figure 8.2. Plan and profile of Room 35. Source drawing: Cat. No. 2005.25.15189.

Room 35 appears on maps created each year from 1973 through 1976. All of the maps provide plan views but only one 1973 map (Cat. No. 2005.25.15189) includes a profile.

Room 37

Figure 8.3 shows Room 37. There are no field forms, student notebooks, artifacts, or photographs for the room in the Maxwell Museum. I infer that as indicated by the map segment in Figure 8.3, this room was not excavated.

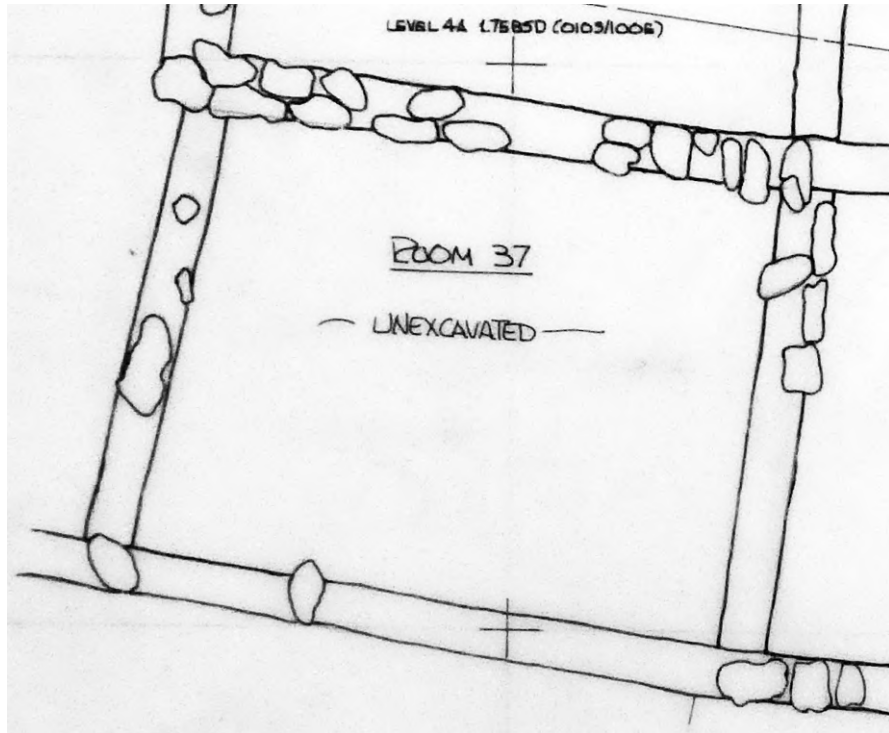


Figure 8.3. Plan of Room 37. Source drawing: Cat. No. 2005.25.15189.

Room 37 appears on maps created each year from 1973 through 1976. All of the maps provide plan views but none provides a profile.

Room 48

Room 48 is shown in Figure 8.4. James Judge led the 1973 excavations that identified this room. According to Judge (Cat. No. 93.16.10:54), the room was not excavated. It is therefore unsurprising that there are no field forms, student notebooks, artifacts, or photographs for Room 48 in the Maxwell Museum.

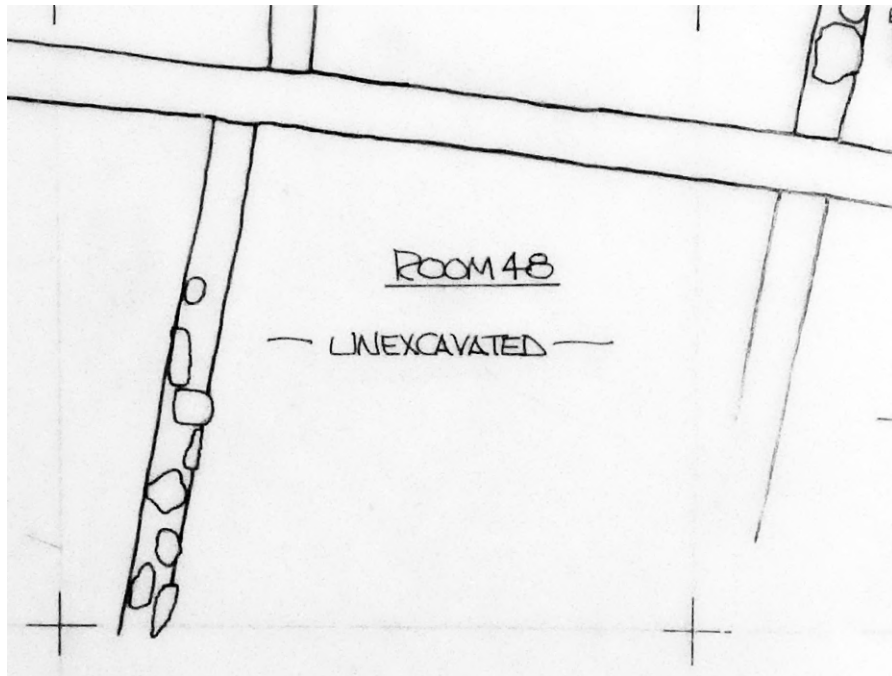


Figure 8.4. Plan of Room 48. Source drawing: Cat. No. 2005.25.15189.

Room 48 appears on maps for each year from 1973 through 1976. All of the maps provide plan views (Table A.2), but none provides a profile.

Room 50

Room 50 is shown in Figure 8.5. There are no field forms, student notebooks, photographs, or artifacts for Room 50 in the Maxwell Museum. I infer that this room was not excavated.

Room 50 appears on maps created for each year from 1973 through 1976. All of the maps provide plan views (Table A.2), but none provides a profile.

This room was most likely identified in 1973, since Room 48 was identified and Room 49 was excavated in that year. Those two rooms were just east of Room 50.

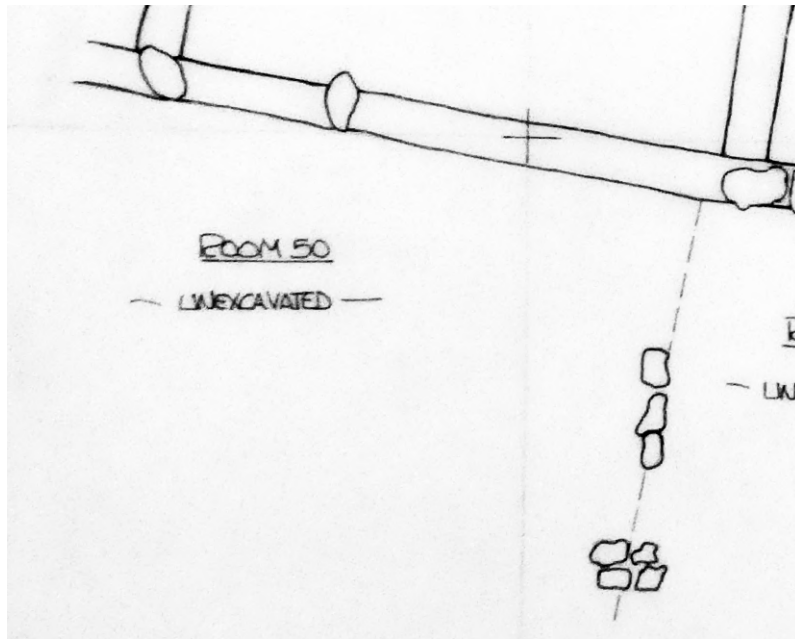


Figure 8.5. Plan of Room 50. Source drawing: Cat. No. 2005.25.15189.

Rooms 103 and 104

Figure 8.6. shows the locations of Rooms 103 and 104 in Block 1. A Bernalillo County Highway Department road grader was used to remove some rooms in Block 1, and exposed Rooms 103 and 104 among others (Cordell 1975:5).

Room 103

Room 103 is shown in Figure 8.7. Linda Cordell led the 1974 excavations that identified this room. A student notebook (Cat. No. 93.16.14) describes work in the room on June 27.

A diagram (Cat. No. 93.16.14) shows the room's 1.4 foot thick heavy adobe north wall.

A mano was found on the surface of the room, and sherds were found in the fifth level of fill in Test Pit 1 (2E-T1).

There are no field forms or photographs for room 103 in the Maxwell Museum archives.

Room 103 appears on maps created from 1974 through 1976. All of the maps provide aerial views, but only one 1974 map (Cat. No. 2005.25.15169) provides a profile (Table A.2). The profile crosses the extreme southwest corner of Room 103 (Figure 8.7) and is problematic: it suggests that the room was excavated to a depth inconsistent with the limited documentation and near-lack of subsurface artifacts (unless Test Pit 1 [T1] was in the southwest corner of the room).

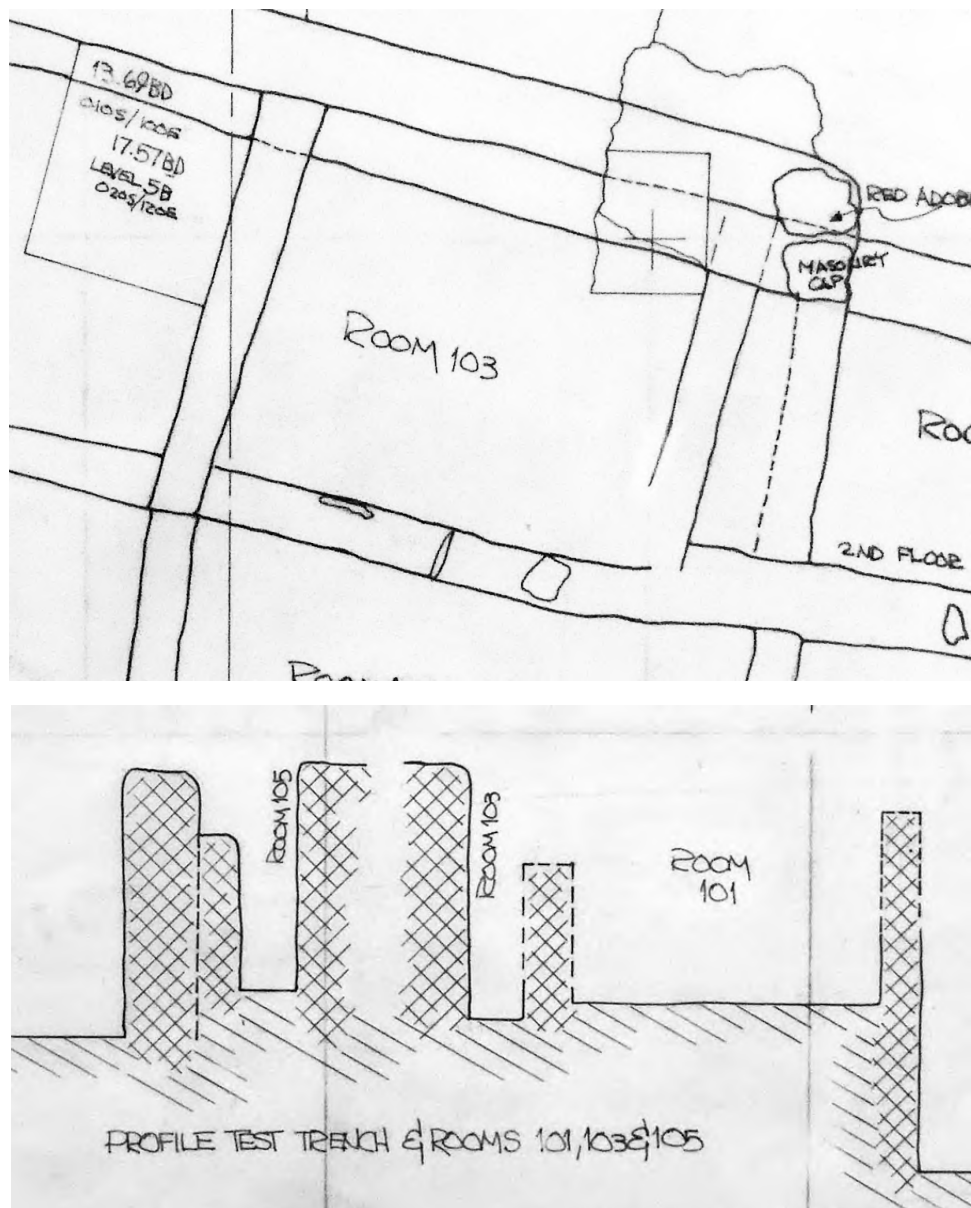


Figure 8.7. Plan and profile of Room 103. The vertical line through the southeast corner of Room 103 is the profile line. Source drawing: Cat. No. 2005.25.15169.

Room 104

Figure 8.8 shows a plan view of Room 104. Linda Cordell led the 1974 excavation that identified the room. A student notebook (Cat. No. 93.16.14) describes work in Room 104 on July 3. The notebook mentions only that room 104 was “designated.” There are no field forms, artifacts, or photographs for Room 104 in the Maxwell Museum collections.

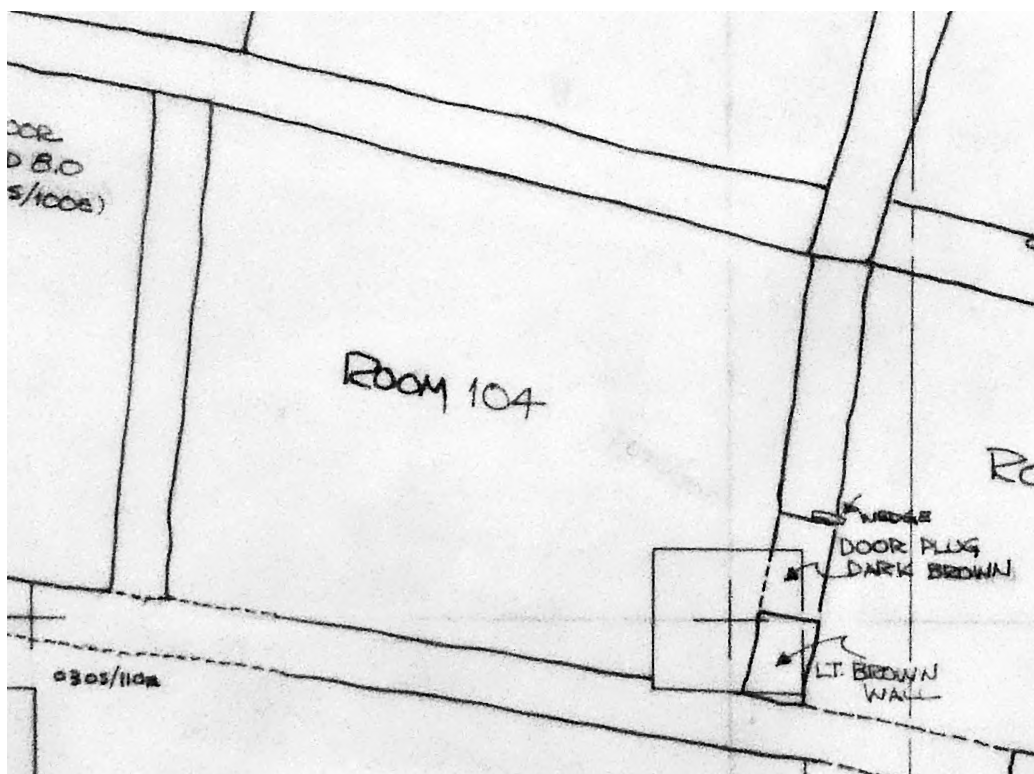


Figure 8.8. Plan of Room 104. Source drawing: Cat. No. 2005.25.15169.

Room 104 appears on maps created from 1974 through 1976. All of the maps provide only aerial views (Table A.2).

REFERENCES CITED

Cordell, Linda S.

- 1975 *The 1974 Excavation of Tijeras Pueblo, Cibola National Forest, New Mexico*. Report No. 5. USDA Forest Service, Southwestern Region, Albuquerque.

[With contributions by Cheryl A. Ferguson (Appendix B, Skeletal Remains from 1974 Excavations, pp. 29–44), Gregory C. Burtchard (Appendix C, Teaching Assistant Report, 1974 Season, pp. 45–55), Ann A. Loose (Appendix D, Teaching Assistant Report, 1974 Season, pp. 56–68), and Byron B. Blevins (Appendix E, The Archeological Survey of Tijeras Canyon. pp 69–87)]

- 1977a *The 1975 Excavation of Tijeras Pueblo, Cibola National Forest, New Mexico*.

Archeological Report No. 18, pp. 1–123. USDA Forest Service, Southwestern Region, Albuquerque.

[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.]

- 1977b *The 1976 Excavation of Tijeras Pueblo, Cibola National Forest, New Mexico: Final Field Report*. Archeological Report No. 18, pp. 169–246. USDA Forest Service, Southwestern Region, Albuquerque.

[With contributions by David S. Weaver (Appendix B, Skeletal Remains from 1976 Excavations, pp. 201–224), Brona G. Simon (Appendix C, Teaching Assistant Report 1976 Season, pp. 225–234), Stephen L. Fosberg (Appendix D, Teaching Assistant Report 1976 Season, pp 235–243), and Charles K. Lumpkin, Jr. (Appendix E, Teaching Assistant Report 1976 Season, pp. 244–246). This report and the one listed as Cordell 1977a were printed in a single physical volume.]

Cordell, Linda S. (editor)

- 1980 *Tijeras Canyon, Analyses of the Past*. Maxwell Museum of Anthropology and University of New Mexico Press, Albuquerque.

Judge, W. James

- 1974 *The Excavation of Tijeras Pueblo 1971–1973: Preliminary Report, Cibola National Forest, NM*. Report No. 3. USDA Forest Service, Southwest Region, Albuquerque.

[With contributions by Laboratory of Tree-Ring Research (Appendix A, Tree-Ring Dates (1971–1972), 8 pp.), Walter Atwood (Appendix B, Ceramic Descriptions, 20 pp.), Stanley Rhine (Appendix C, Human Remains from Tijeras Pueblo, 12 pp.), and Richard W. Loose (Appendix D, Geology at Tijeras Pueblo, 5 pp.)]

Schuyler, Lucy C.

2011 *The Jewelry of Tijeras Pueblo*. Maxwell Museum Technical Series No. 15. Maxwell Museum of Anthropology, University of New Mexico, Albuquerque.

Additional Resources

This section identifies additional resources in the Maxwell Museum Archives that discuss other excavations in Tijeras Canyon. Many are listed under the same catalogue number. Cat. No. 93.16.7 includes reports on environmental data that discuss other studies in Tijeras Canyon, including:

- Excavations of a variety of sites with LA numbers, with no excavation dates
- Data Concerning the Santa Niño Cemetery Site, LA 10796 (1972), from the Museum of New Mexico
- *A Limited Archaeological Survey of Tijeras Canyon* (1972), by David Snow, Museum of New Mexico
- Map Location of Sites Discovered by the Snow-MNM Archaeological Survey, from the Museum of New Mexico
- The location of Vulture Gulch (LA 586)
- Limited archaeological survey of the “School House” Site in association with the James Judge’s UNM Field School (1973)
- Lower Plains Archeological Society Bulletin Number 4 (1974), *An Archeological Survey of Embudo Canyon in the Sandia Mountains, Central NM* by William B. Fawcett, Jr.
- The Excavation of Tijeras Pueblo by W. James Judge. A preliminary report submitted to the USFS in conformance with the provisions of the Federal Antiquities Act. Dept of Anthropology, UNM, Albuquerque, NM (May 1974)
- Wear pattern Analysis of Siliceous Lithics: Structure and Motives by Don South, Ray Lurch, B. B. Blevins, Rena Richardson. Tijeras Canyon Archeological Survey, UNM Field School (Fall 1974)
- The Establishment of a Ceramic Typology for Tijeras Canyon, NM by B.B. Blevins, Lois Davis, and Steve Hoagland (Spring 1975)—The Survey
- Climatological Data – Kirtland AFB, Intl Airport, Albuquerque (1934–1973) [various articles/data sets]
- The Location of Perennial water Sources, in conjunction with the UNM field School’s Archaeological Survey of Tijeras Canyon, NM 1974, UNM
- A Guide to the Mammals of the Sandia Mountains, Cibola National Forest, Sandia Ranger District, USDA, Southwestern region, Forest Service
- US Dept of Agriculture Bureau of Biological Survey – North American Fauna No. 35 (9/5/1913). *Life Zones and Crop Zones of NM* by Vernon Bailey. Washington Government Printing Office
- Plant Geography of North Central New Mexico by J.R. Watson
- *Soil Data Handbook, Decision-Making Guide for Land Use Planning No. 1*, Special Report No. 56, (Feb 1974). Middle Rio Grande Council of Governments of New Mexico, Albuquerque

