

SITE GPR	YEAR 2013	AREA F	SECTOR South	ELEVATION Min: 59.6375 Max: 60.1883	STRATIGRAPHICAL UNIT 5396 <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Anthropogenic	University of Michigan Pawley Division of Archaeology Gabii Project
				In cross-section? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	In elevation drawing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
DEFINITION Rectangular Cut in Bedrock Related to Cuniculus and Blocks 5397				Covered by <input type="checkbox"/> SU:	Fills <input type="checkbox"/> SU:	Filled by <input checked="" type="checkbox"/> SU: 5397
HOW IS LAYER DISTINGUISHED? <input type="checkbox"/> Color <input type="checkbox"/> Composition <input type="checkbox"/> Compaction			FORMATION PROCESS <input type="checkbox"/> Accumulation <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Cutting <input type="checkbox"/> Erosion <input type="checkbox"/> Collapse <input type="checkbox"/> Intentional deposition			
INCLUSIONS For each inclusion specify frequency: (f)requent, (m)edium, (r)are					SOIL/MATRIX clay ___% silt ___% sand ___%	
Anthropic		Geological		Organic		
<input type="checkbox"/> Pottery <input type="checkbox"/> Tiles <input type="checkbox"/> Amphorae <input type="checkbox"/> Dolia <input type="checkbox"/> Mosaic tile(s) <input type="checkbox"/> Mortar <input type="checkbox"/> Coins <input type="checkbox"/> Metal (specify) <input type="checkbox"/> Collapse debris <input type="checkbox"/> Glass		<input type="checkbox"/> Nails <input type="checkbox"/> Marble <input type="checkbox"/> Quarried debris <input type="checkbox"/> Slag <input type="checkbox"/> Brick <input type="checkbox"/> Basalt slabs <input type="checkbox"/> Opus signinum <input type="checkbox"/> Painted plaster <input type="checkbox"/> Burnt Adobe <input type="checkbox"/> Other (specify)		<input type="checkbox"/> Tufo (specify) <input type="checkbox"/> Travertine <input type="checkbox"/> Other Limestone <input type="checkbox"/> Basalt <input type="checkbox"/> Clay <input type="checkbox"/> Sand <input type="checkbox"/> Silt <input type="checkbox"/> Pebbles (range) <input type="checkbox"/> Gravel (range)		
<input type="checkbox"/> Charcoal <input type="checkbox"/> Ash <input type="checkbox"/> Animal bones <input type="checkbox"/> Human bones <input type="checkbox"/> Animal teeth <input type="checkbox"/> Human teeth <input type="checkbox"/> Shells <input type="checkbox"/> Other (specify)		<input type="checkbox"/> Granular <input type="checkbox"/> Layered <input type="checkbox"/> Cohesive		Compaction <input type="checkbox"/> Hard <input type="checkbox"/> Compact <input type="checkbox"/> Friable <input type="checkbox"/> Loose <input type="checkbox"/> Soft		
<input type="checkbox"/> Black <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Light Brown <input type="checkbox"/> Light Gray <input type="checkbox"/> White <input type="checkbox"/> Yellow <input type="checkbox"/> Red <input type="checkbox"/> Light Yellow <input type="checkbox"/> Other (specify)		UNIT LIMITS (also indicate on overlay)				
Northern Limit <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit		Southern Limit <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit		Western Limit <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit		
Eastern Limit <input type="checkbox"/> Original <input type="checkbox"/> Not Original <input checked="" type="checkbox"/> Excavation Limit		Depth: <input checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original				
STRATIGRAPHICAL SEQUENCE						
Is equal to:			Is bound to (only for masonry):			
Is abutted by:			Abuts:			
Is covered by:			Covers:			
Is cut by:			Cuts: 5133			
Is filled by: 5397, 5398			Fills:			
OBSERVATIONS Exposed by the removal of layer 5376, within the Robert cut of tufo slab floor of Room 5 (5410). Because blocks 5397 cannot be removed the cut is only partially visible.						
DESCRIPTION Position within sector: East central part of southern sector Shape: Roughly rectangular						
For layers complete this section: Surface (slope direction; visible inclusions): Observations about inclusions (Clusters? Deposition slope): Observations about thickness (Increases? Decreases?): Nature of the interface with layer below: <input type="checkbox"/> sharp <input type="checkbox"/> diffuse <input type="checkbox"/> commingled <input type="checkbox"/> other (specify)						
For cuts complete this section: Cut edges: <input type="checkbox"/> rounded <input checked="" type="checkbox"/> straight Cut sides: <input checked="" type="checkbox"/> straight <input type="checkbox"/> concave <input type="checkbox"/> convex <input type="checkbox"/> sloping Cut bottom: <input checked="" type="checkbox"/> flat <input type="checkbox"/> concave <input type="checkbox"/> irregular How is cut top edge? <input type="checkbox"/> sharp <input checked="" type="checkbox"/> rounded How is cut bottom edge? <input checked="" type="checkbox"/> sharp <input type="checkbox"/> rounded Observations: A stepped cut, w/ a shelf around cuniculus, which supports blocks 5397. PROFILE (Facing North)			Sketch for layers and/or cuts (indicate North): CUNICULUS Block's 5397 Floor 5410 Wall 5377			

5170



**For structural remains complete this section**

Alignment:

Building Technique:  Adobe/Mud-brick  Ashlar (blocks)  irregular (unworked) stone  Concrete  Other (specify)

Binding Agent:  None  Clay  Mortar (if so, specify composition, color, compaction)

Concrete inclusions:

Material  Tufo  Basalt  Travertine  Tiles  Other (specify)

Size  Small (range) \_\_\_\_\_  Medium (range) \_\_\_\_\_  Large (range) \_\_\_\_\_ Representative size: e.g. 2 x 1 x 2 cmz

Wall Facing:

Opus quadratum  Opus incertum  Opus reticulatum  Petit appareil  Opus testaceum  Opus mixtum  Opus vittatum  Other (specify)

Complete this section for foundations  Faced foundation  Wooden shuttering  No shuttering

floor/revetment type

Floor type:  Beaten Earth  Opus signinum  Opus scutulatum  Opus Sectile  Mosaic  Opus spicatum  Other (specify)

Wall finishing  Stucco  Opus signinum  Plaster  Painted Plaster  Other (specify)

Approx. length, width, height of structural remains:

Description:

Sketch (if applicable, indicate North)

**INTERPRETATION**

THIS CUT SEEMS TO HAVE BEEN MADE FOR TWO PURPOSES: FIRSTLY, FOR THE CONSTRUCTION OF THE CONICULUS, AT LEAST 10-12 FEET DEEP (BOUNDING), OF WHICH ONLY THE NORTHWEST CORNER IS VISIBLE UNDER TUFO BLOCKS 5397. PRESUMABLY THIS CONICULUS CONNECTS TO THE OTHER DEEP BEDROCK-CUT DRAINAGE TUNNELS KNOWN IN THIS SECTOR, AND FACILITATED THE DRAINAGE OF THE LOWER TERRACE OF THE COMPLEX. AFTER THE CUTTING OF THE CONICULUS, THIS CUT SERVED AS THE FOUNDATION TRENCH FOR BLOCKS 5397, WHICH MOSTLY COVER THE CONICULUS, ALTHOUGH IT SEEMS THAT THEIR POSITIONAL STILL WOULD HAVE ALLOWED FOR WATER TO DRAIN DOWN HERE; THE BLOCKS SIT ON THE 'SHELF' FORMED BY THE MIDDLE STEP IN THE CUT. PRESUMABLY THE WHOLE - BLOCKS AND CUT - WERE COVERED BY TUFO SLAB FLOOR 5410. BECAUSE OF THE PURPOSE OF THE CUT (DRAINAGE) AND THE WAY IN WHICH THE NORTHERNMOST BLOCK OF 5397 BROKE AND COLLAPSED, THIS CUT SEEMS TO HAVE REMAINED MOSTLY EMPTY UNTIL THE REMOVAL OF THE SLAB FLOOR, AFTER WHICH ALLUVIAL DEPOSITS (5379) FILLED IT.

SOIL SAMPLING:  Yes  No

Total volume of layer (buckets):

Sample quantity (buckets):

Sample fraction (%):

NON SOIL SAMPLES:  Yes  No

If yes, specify (e.g. charcoal, mortar etc.):

Size:

SIEVING:  Yes  No

Total volume of layer (buckets):

Sample quantity (buckets):

Sample fraction (%):

**STRATIGRAPHICAL RELIABILITY**

Good  Fair  Poor

Filled-out by ACS

on 24/7/13

Revised by ACS

on 28/7/13

PDFd by

on

Entered by

on