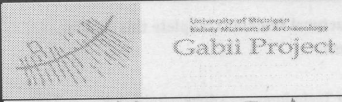


SITE GPR	YEAR 2009	AREA C	SECTOR	ELEVATION Min: 62.20 Max: 62.36	STRATIGRAPHICAL UNIT 2067 <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Anthropic	

In cross-section? Yes No In elevation drawing? Yes No Photos: Yes No # 157, 158, 159 Photo Model: Yes No # 84

DEFINITION: RECTANGULAR STONE DRAIN Covered by SU: 2066 Fills SU: Filled by SU:

HOW IS LAYER DISTINGUISHED? Color Composition Compaction FORMATION PROCESS Accumulation Construction Cutting Erosion Collapse Intentional deposition

INCLUSIONS For each inclusion specify frequency: (f)requent, (m)edium, (r)are

Anthropic	Geological	Organic	SOIL/MATRIX	
<input type="checkbox"/> Pottery <input type="checkbox"/> Nails <input type="checkbox"/> Tiles <input type="checkbox"/> Marble <input type="checkbox"/> Amphorae <input type="checkbox"/> Quarried debris <input type="checkbox"/> Dolia <input type="checkbox"/> Slag <input type="checkbox"/> Brick <input type="checkbox"/> Mosaic tile(s) <input type="checkbox"/> Basalt slabs <input type="checkbox"/> Mortar <input type="checkbox"/> Opus signinum <input type="checkbox"/> Coins <input type="checkbox"/> Painted plaster <input type="checkbox"/> Metal (specify) <input type="checkbox"/> Burnt Adobe <input type="checkbox"/> Collapse debris <input type="checkbox"/> Other (specify) <input type="checkbox"/> Glass <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)	clay ___% silt ___% sand ___% <input type="checkbox"/> Granular <input type="checkbox"/> Layered <input type="checkbox"/> Cohesive <hr/> Compaction Color <input type="checkbox"/> Hard <input type="checkbox"/> Black <input type="checkbox"/> Brown <input type="checkbox"/> Compact <input type="checkbox"/> Gray <input type="checkbox"/> Light Brown <input type="checkbox"/> Friable <input type="checkbox"/> Light Gray <input type="checkbox"/> White <input type="checkbox"/> Loose <input type="checkbox"/> Yellow <input type="checkbox"/> Red <input type="checkbox"/> Soft <input type="checkbox"/> Light Yellow <input type="checkbox"/> Other (specify)	

UNIT LIMITS (also indicate on overlay)

Northern Limit Original Not Original Excavation Limit Depth: Original Not Original

Southern Limit Original Not Original Excavation Limit

Western Limit Original Not Original Excavation Limit

Eastern Limit Original Not Original Excavation Limit

STRATIGRAPHICAL SEQUENCE

Is equal to:	Is bound to (only for masonry):
Is abutted by: 2060	Abuts:
Is covered by: 2066; 2068; 2038	Covers:
Is cut by:	Cuts:
Is filled by:	Fills:

OBSERVATIONS: UNCOVERED ON 23/7/2009 THE EASTERN WALL WAS BROKEN... THE DRAIN WAS PART OF THE ADJACENT COLLAR...

DESCRIPTION
 Position within sector: NORTHEASTERN PART OF AREA
 Shape: RECTANGULAR IN TOP VIEW; U-SHAPED IN CROSS SECTION

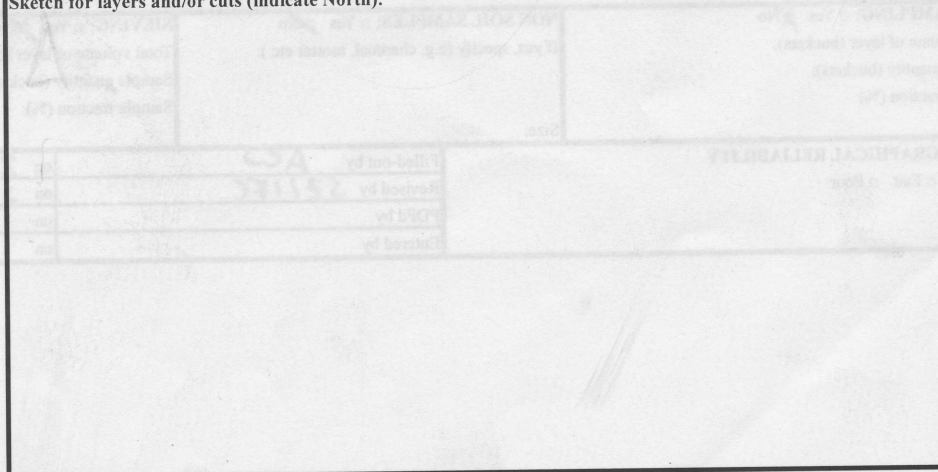
For layers complete this section:

Surface (slope direction; visible inclusions):

Observations about inclusions (Clusters? Deposition slope)

Observations about thickness (Increases? Decreases?):

Nature of the interface with layer below: sharp diffuse commingled other (specify)

<p>For cuts complete this section:</p> <p>Cut edges: <input type="checkbox"/> rounded <input type="checkbox"/> straight</p> <p>Cut sides <input type="checkbox"/> straight <input type="checkbox"/> concave <input type="checkbox"/> convex <input type="checkbox"/> sloping</p> <p>Cut bottom: <input type="checkbox"/> flat <input type="checkbox"/> concave <input type="checkbox"/> irregular</p> <p>How is cut top edge? <input type="checkbox"/> sharp <input type="checkbox"/> rounded</p> <p>How is cut bottom edge? <input type="checkbox"/> sharp <input type="checkbox"/> rounded</p> <p>Observations:</p>	<p>Sketch for layers and/or cuts (indicate North):</p> 
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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

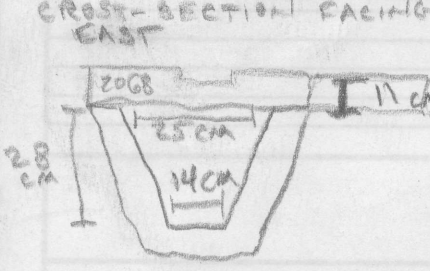
Floor type: Beaten Earth Opus signinum Opus scutulatum Opus Sectile Mosaic Opus spicatum Other (specify)

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

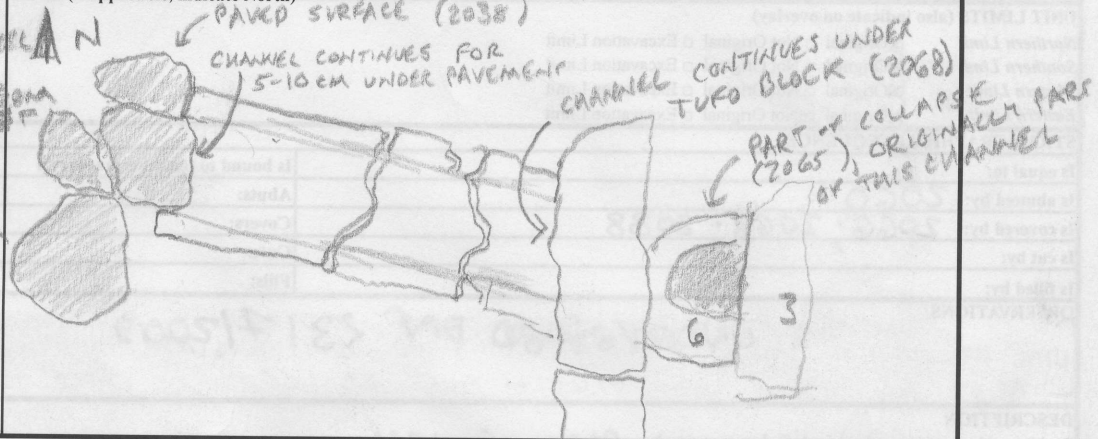
Approx. length, width, height of structural remains:

CHANNEL WIDTH AT TOP: 25 CM MAX CHANNEL DEPTH: (E) 28 CM
 CHANNEL WIDTH AT BOTTOM: 14 CM MIN CHANNEL DEPTH: (W) 7 CM

Description: U-CUT CHANNEL OUT OF SINGLE TUFO BLOCK. CHANNEL NARROWS TOWARD BOTTOM. SIGNIFICANT SLOPE DOWN FROM WEST TO EAST.



Sketch (if applicable, indicate North)



INTERPRETATION

THIS IS A DRAIN CARVED FROM A SINGLE PIECE OF TUFO. IT IS ASSOCIATED WITH THE PAVED SURFACE TO THE WEST AND THE BASIN TO THE EAST. IT SEEMS TO HAVE BEEN CONSTRUCTED TO DRAIN THE FORMER INTO THE LATTER. IT ORIGINALLY CONTINUED UNDER THE TUFO BLOCKS (2068) AND THE SQUARE BASIN/DRAIN COVER (2065), AND WAS A SINGLE PIECE WITH PIECE #6 OF THE COLLAPSE (SEE ABOVE SKETCH AND SKETCH FOR 2065).

SOIL SAMPLING: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	NON SOIL SAMPLES: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	SIEVING: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Total volume of layer (buckets):	If yes, specify (e.g. charcoal, mortar etc.):	Total volume of layer (buckets):
Sample quantity (buckets):		Sample quantity (buckets):
Sample fraction (%):		Sample fraction (%):
	Size:	

STRATIGRAPHICAL RELIABILITY <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	Filled-out by	ACJ	on	23/7/09
	Revised by	SZL/EC	on	23/7/2009
	PDFd by		on	
	Entered by		on	