

SITE	YEAR	AREA	SECTOR	ELEVATION	STRATIGRAPHICAL UNIT	
GPR	2011	C		Min: 59.9939 Max: 61.1117	2339 <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Anthropic	

In cross-section? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	In elevation drawing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Photos: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No #: 2382-84	Photo Model: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No #: 295
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DEFINITION Circular cut of cistern, filled by 2338	Covered by <input type="checkbox"/> SU:	Fills <input type="checkbox"/> SU:	Filled by <input checked="" type="checkbox"/> SU: 2341
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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
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INCLUSIONS For each inclusion specify frequency: (f)requent, (m)edium, (r)are			SOIL/MATRIX	
Anthropic	Geological	Organic	clay ___% silt ___% sand ___%	
<input type="checkbox"/> Pottery	<input type="checkbox"/> Tufo (specify)	<input type="checkbox"/> Charcoal	<input type="checkbox"/> Granular <input type="checkbox"/> Layered <input type="checkbox"/> Cohesive	
<input type="checkbox"/> Tiles	<input type="checkbox"/> Travertine	<input type="checkbox"/> Ash		
<input type="checkbox"/> Amphorae	<input type="checkbox"/> Other Limestone	<input type="checkbox"/> Animal bones		
<input type="checkbox"/> Dolia	<input type="checkbox"/> Basalt	<input type="checkbox"/> Human bones		
<input type="checkbox"/> Mosaic tile(s)	<input type="checkbox"/> Clay	<input type="checkbox"/> Animal teeth		
<input type="checkbox"/> Mortar	<input type="checkbox"/> Sand	<input type="checkbox"/> Human teeth		
<input type="checkbox"/> Coins	<input type="checkbox"/> Silt	<input type="checkbox"/> Shells		
<input type="checkbox"/> Metal (specify)	<input type="checkbox"/> Pebbles (range)	<input type="checkbox"/> Other (specify)		
<input type="checkbox"/> Collapse debris	<input type="checkbox"/> Gravel (range)			
<input type="checkbox"/> Glass				
			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)		Depth: <input type="checkbox"/> Original <input checked="" type="checkbox"/> Not Original
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 checked="" type="checkbox"/> Original <input type="checkbox"/> Not Original <input type="checkbox"/> Excavation Limit	

STRATIGRAPHICAL SEQUENCE	
Is equal to:	Is bound to (only for masonry):
Is abutted by:	Abuts:
Is covered by: 23606	Covers:
Is cut by:	Cuts: NOT EXCAVATED FURTHER IN 2011
Is filled by: 2341	Fills:

OBSERVATIONS original height of cut undetermined, depth of cut not reached.
Excavation halted due to dangerous working conditions - large stone in fill 2338 could not be removed safely.

DESCRIPTION
Position within sector: Central, E of trench 2304
Shape: Circular,

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)

For cuts complete this section: Cut edges: <input checked="" type="checkbox"/> rounded <input 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 type="checkbox"/> flat <input type="checkbox"/> concave <input type="checkbox"/> irregular <input type="checkbox"/> unknown How is cut top edge? <input checked="" type="checkbox"/> sharp <input type="checkbox"/> rounded How is cut bottom edge? <input type="checkbox"/> sharp <input type="checkbox"/> rounded <input type="checkbox"/> unknown Observations: bottom of cut not yet reached. Cistern seems to widen as it deepens. Seems to be a bell-shaped cut (i.e. widens as it deepens)	Sketch for layers and/or cuts (indicate North):
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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:

Description: **Interpretation Continued:**

Sketch (if applicable, indicate North)

Although the cistern first became visible while excavating 2330, the original surface cut by 2339 was not identified. Similar to the cut of the feed (2366), there seems to have been a destruction event which damaged both the cistern and feed, and likely destroyed the impluvium. Subsequently, post-abandonment accumulation (2356 and 2330) covered and partially filled the remnants of the cistern and feed. At the close of the 2011 excavation season, the preserved surface below and pre-dating both features remains unexcavated.

INTERPRETATION

SU 2339 is a circular cistern in the center of Area C. Its orientation is what is believed to be the atrium aligns heavily in favor of its connection with the house, possibly with relation to an impluvium, yet uncertain. It was filled by 2338, probably post-abandonment of the house, and the placement of the stones within that fill indicate that the cistern widens as it deepens. The mortar preserved along the N side of the cut (2341) also appeared to slope outwards as the cut deepened; however, the mortar was generally disturbed throughout the whole cut, and therefore may be an unreliable tool in determining the cistern's original shape. The preserved patch of mortar in the N shows that the cistern's circumference was smaller than the excavated cut.

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 Eric Federman on 26-7-2011
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 Entered by _____ on _____

Again &