
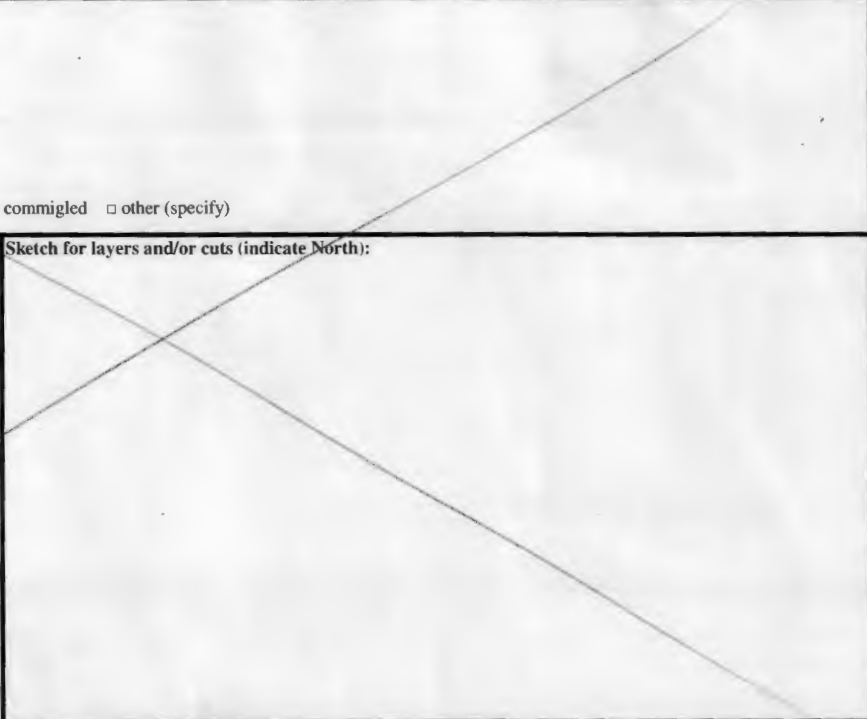


SITE GPR	YEAR 2013	AREA F	SECTOR South	ELEVATION Min: 58.6328 Max: 59.2068	STRATIGRAPHICAL UNIT 5534 <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Anthropic	 University of Michigan College of Engineering Gabil Project
In cross-section? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			In elevation drawing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Photos: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No #: 3747-52	Photo Model: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No #:
DEFINITION TILE DRAIN PASSING UNDER WALLS 5392 AND 5413					Covered by <input checked="" type="checkbox"/> SU: 5392	Fills <input type="checkbox"/> SU:
HOW IS LAYER DISTINGUISHED? <input type="checkbox"/> Color <input type="checkbox"/> Composition <input type="checkbox"/> Compaction			FORMATION PROCESS <input type="checkbox"/> Accumulation <input checked="" type="checkbox"/> Construction <input 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	
Anthropical		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		Compaction
<input type="checkbox"/> Mortar		<input type="checkbox"/> Sand		<input type="checkbox"/> Human teeth		<input type="checkbox"/> Hard
<input type="checkbox"/> Coins		<input type="checkbox"/> Silt		<input type="checkbox"/> Shells		<input type="checkbox"/> Compact
<input type="checkbox"/> Metal (specify)		<input type="checkbox"/> Pebbles (range)		<input type="checkbox"/> Other (specify)		<input type="checkbox"/> Friable
<input type="checkbox"/> Collapse debris		<input type="checkbox"/> Gravel (range)				<input type="checkbox"/> Loose
<input type="checkbox"/> Glass						<input type="checkbox"/> Soft
						Color
						<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 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		
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				
STRATIGRAPHICAL SEQUENCE						
Is equal to:				Is bound to (only for masonry):		
Is abutted by:				Abuts:		
Is covered by: 5392; 0				Covers: 5413		
Is cut by:				Cuts:		
Is filled by:				Fills:		
OBSERVATIONS UNCOVERED DURING THE REMOVAL OF BACKFILL OF PREVIOUS SOREINTENDENZA EXCAVATIONS; SEEMS TO HAVE BEEN ENTIRELY EXCAVATED, AND SO MANY STRATIGRAPHIC RELATIONSHIPS ARE LOST.						
DESCRIPTION						
Position within sector: SE PART OF SOUTHERN SECTOR						
Shape: LINEAR						
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"/> commigled <input type="checkbox"/> other (specify)						
For cuts complete this section:				Sketch for layers and/or cuts (indicate North):		
Cut edges: <input type="checkbox"/> rounded <input type="checkbox"/> straight						
Cut sides: <input 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						
How is cut top edge? <input type="checkbox"/> sharp <input type="checkbox"/> rounded						
How is cut bottom edge? <input type="checkbox"/> sharp <input type="checkbox"/> rounded						
Observations:						

For structural remains complete this section

Alignment: *North-South*

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:

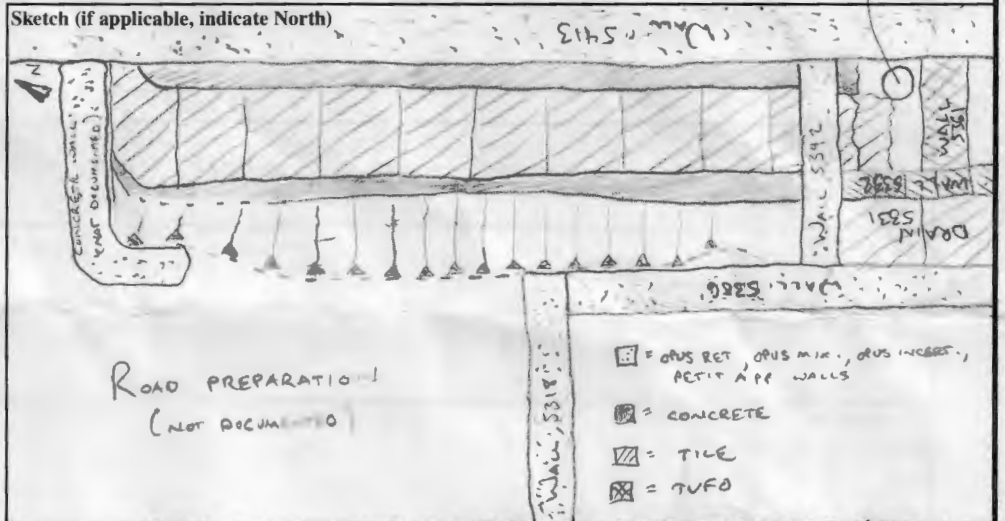
L: 10.25 m

W: 0.7 m

Description:

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DRAIN COMPOSED OF TEGULAE LAID FLAT AND END-TO-END, WITH CONCRETE POURED IN LONG, NARROW HUMPS ALONG THE EDGES OF THE TEGULAE, SEALING THE SURFACE OF THE DRAIN AGAINST WALL 5413 TO THE EAST AND THE BEDDED TO THE WEST AND NORTH. CONTINUES TO NORTHEAST UNDER WALL 5413, WHICH SEEMS TO HAVE BEEN CUT TO ACCOMMODATE IT, AND TO THE SOUTH UNDER WALL 5392, WHICH SEEMS TO HAVE BEEN BUILT SO AS TO LEAVE A TUNNEL FOR THIS DRAIN. DRAIN STOPS IN A DEEP HOLE JUST SOUTH OF WALL 5392.

Sketch (if applicable, indicate North)



INTERPRETATION

A DRAIN RELATED TO THE SECOND PHASE OF THE COMPLEX, AFTER THE ABANDONMENT OF THE SIDE STREET THAT BOUNDS THE COMPLEX ON THE EAST AND THE ABANDONMENT & SPOILATION OF MUCH OF THE ASHLAR MASONRY. IT SEEMS TO BE CLOSEST ASSOCIATED WITH THE CONCRETE CONSTRUCTION TO THE SOUTH, ALONG THE MAIN TRUNK ROAD. BASED ON THE FACT THAT WALL 5413 IS FACED TO A HEIGHT OF ALMOST TWO METERS ALONG THE LENGTH OF THE DRAIN WITH OPUS SIGNINUM, AND THE FACT THAT THE NORTHERN RETAINING WALL (WHICH PRESUMABLY ORIGINALLY CONTINUED SOUTH TO JOIN WALL 5386) SEEMS TO HAVE BEEN CUT INTO LAYERS OF SOIL (DUMP), THIS DRAIN WAS PROBABLY COVERED/ENCLOSED, AND MAY HAVE BEEN AT LEAST PARTLY BELOW GROUND LEVEL. SOUTH OF WALL 5392, IT IS CLEARLY ASSOCIATED WITH THE OTHER WATER FEATURES OF THE 'EASTERN CORRIDOR'.

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 *31/7/2013*

Revised by

on

PDFd by

on

Entered by

on