

SITE	YEAR	AREA	SECTOR	ELEVATION	STRATIGRAPHICAL UNIT	
GPR	2011	E		Min: 61.351 Max: 61.824	4008 <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Anthropic	

In cross-section? Yes No In elevation drawing? Yes No Photos: Yes No #: 2212-15 Photo Model: Yes No #: 285

DEFINITION: EW running wall/linear spread of basalt and tufa south of 4025
 Covered by SU: 4005 Fills SU: 4026 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 checked="" type="checkbox"/> Pottery f <input type="checkbox"/> Nails <input checked="" type="checkbox"/> Tiles f <input type="checkbox"/> Marble <input checked="" type="checkbox"/> Amphorae f <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 checked="" type="checkbox"/> Mortar <input type="checkbox"/> Opus signinum <input type="checkbox"/> Coins <input type="checkbox"/> Painted plaster <input checked="" type="checkbox"/> Metal (specify) r <input type="checkbox"/> Burnt Adobe <input type="checkbox"/> Collapse debris <input type="checkbox"/> Other (specify) <input type="checkbox"/> Glass	<input checked="" type="checkbox"/> Tufo (specify) f <input checked="" type="checkbox"/> Travertine r <input type="checkbox"/> Other Limestone <input checked="" type="checkbox"/> Basalt m <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 checked="" type="checkbox"/> Animal bones m <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 0 % silt 90 % sand 0 % <input type="checkbox"/> Granular <input type="checkbox"/> Layered <input checked="" type="checkbox"/> Cohesive	
			Compaction	Color
			<input type="checkbox"/> Hard <input type="checkbox"/> Compact <input type="checkbox"/> Friable <input checked="" type="checkbox"/> Loose <input type="checkbox"/> Soft	<input type="checkbox"/> Black <input checked="" 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: 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:	Abuts:
Is covered by: 4005	Covers:
Is cut by:	Cuts:
Is filled by:	Fills: SU 4026

OBSERVATIONS: linear spread, probably a wall, consisting of basalt and tufa, uneven alignment, demonstrating signs of possible collapse, some traces of mortar found - most likely soil inclusion, not binding agent

DESCRIPTION
 Position within sector: Southern half of Area E, extends past Eastern Excavation Limit; south wall of "Room 3"
 Shape: linear spread fairly consistent width and thickness

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: rounded straight

Cut sides: straight concave convex sloping

Cut bottom: flat concave irregular

How is cut top edge? sharp rounded

How is cut bottom edge? sharp rounded

Observations:

Sketch for layers and/or cuts (indicate North):

To TOPO

For structural remains complete this section

Alignment: East/West (slightly NE-SW)

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 Bldg Tufo Basalt Travertine Tiles Other (specify)

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

17 x 17 x 14 cm 48 x 33 x 34 cm 61 x 58 x 48 cm

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

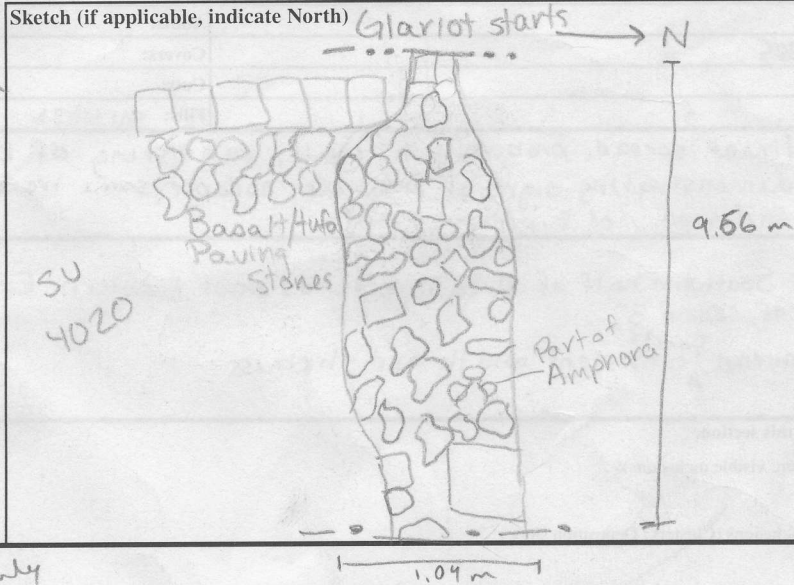
Floor type: Beaten Earth Opus signinum Opus scutulatum Opus Sectile Mosaic Opus spicatum Other (specify)

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

Approx. length, width, height of structural remains:

≈ 9.66 m long ≈ 1.04 m wide,
Description: visible height ≈ 47 cm

See Observations
E/W running ^{rubble} wall ^{linear spread} made of tufo and basalt stones of varying sizes. Several inclusions of pottery and tile.



INTERPRETATION

Linear spread running ^{roughly} east-west of predominately tufo and basalt ranging in size from fist-sized to large boulders. Two boulders could not be removed during excavation of the wall. It runs from eastern excavation limit to the road, and covers wall 4040 + the tufo paving stones 4041. It may be a retaining or terrace wall, though due to irregular construction and as it fills cut SU 4026 it may simply be a filling material for the cut, which may be a drainage channel. This feature clearly belongs to a later phase of Area E, as the construction cut 4026 cuts through both the road + its E retaining wall.

26.7.2011: One tufo boulder on W removed by N. Terrenato et al. - rest of construction cut 4026 cleared in this part.

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 Jacob Swartzentruber + Scott Shum on 22/7/11

Revised by E. Adkins on 24.7.2011

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Entered by _____ on _____