

The Caseggiato dei Molini

Catalogue of the building material

Thea Heres

OUTER NORTH WALL

Room 14 L. 8.88, w. 0.60.

Brickfaced concrete, preserved until at least 3.50 high. No bonding courses of bipedales visible. Fresh and well-formed yellow to dark red bricks with a preponderance of pink and red. Well-levelled courses and narrow, regular mortar beds. Modulus averages 0.235. Tenacious and well-sifted greyish-white mortar, containing small granules of red and black pozzolana.

Rectangular window: sill at c. 2.52 above ground level, 0.75 high and 0.55 wide. Covered by a yellow bipedalis. Two series of putlogholes for scaffolding visible over the whole length of the wall at a height of c. 0.77-0.88 and c. 2.07-2.16.

Room 23 - east section L. 5.90.

Brickfaced concrete, preserved until at least 3.00 high. Divided from the adjacent outer wall of 14 by a slightly protruding and obliquely placed pier that occupies the whole height of the structure. Its east side was presumably broken off, it is now restored along an irregular line. The section was set against the outer north wall of 14. Rather long and thick bricks, sometimes reused, colour mixed red and yellow. Horizontal courses rather wide and irregular. Not too well sifted darkish-grey mortar, containing black and red pozzolana and an abundance of lime granules.

One series of putlogholes for scaffolding at c. 1.45-1.54 high.

Room 23 - west section L. 4.74.

Opus reticulatum mixtum intersected by a band six bricks high. Divided from the east section by an irregular fissure. Long and thick fresh yellow bricks, mixed with some red. The dark red-brown tufa blocks measure c. 0.08 x 0.08. They were not cut very well. Not too well sifted grey mortar containing black and red pozzolana and lime granules. In the upper side of the reticulate fields the blocks are cut through into a triangular shape.

One series of putlogholes for scaffolding at c. 1.00-1.11 high. High up a series of large beamholes that go through the whole width of the wall; they do not level with those in the adjacent wall sections.

Room 29 L. 3.25.

Brickfaced concrete. Almost straight dividing line between this and the preceding section. Rather well levelled and partially reused bricks, of a yellow pink colour. Not too well sifted mortar of a light colour and laid in rather wide beds, containing black and brown pozzolana and some lime granules. Below the putlogholes the mortar's colour is rather darkish-brown, this may, however, very well be a modern restoration.

Lower series of putlogholes for scaffolding at c. 0.63-0.73 high. Upper series at c. 2.20 high; it almost levels with beamholes in preceding section.

OUTER EAST WALL

Room 1 - south-east corner

Brickfaced concrete. Preserved for c. 2.00 high, although much restored. Long and thin red and fresh bricks. Rather light-coloured mortar containing red and black pozzolana.

Doorway to Via di Diana, 3.10 wide. Against the south section was set a thin north-south brick wall. This contains irregular long and occasionally thick bricks, partly reused material. Modulus c. 0.30-0.32. Greyish and badly sifted mortar, containing black pozzolana. Against the east section a heavy brick pier, south-west pier of two series of five placed on either side of Via dei Molini. Those placed against the facade of the Cas. dei Molini measure between 1.13-1.21 wide and 1.17-1.22 thick. Modulus 0.254-0.23. More or less regular masonry of red and yellow bricks, some reused Severan bricks. Mortar in many places recently restored. If antique: tenacious, pale-grey / dirty-white, containing much rather well sifted red and black pozzolana.

Rooms 3-4

Doorway in 3, 1.60 wide, restricted to 0.40. A high brick pier was placed between an adjacent thin south wall, 1.60 long and almost entirely a modern restoration, and an opening giving access to a staircase, 1.50 wide. Rather well levelled layers of mixed and mainly fresh bricks. Grey and not too well sifted mortar laid in wide beds, containing large red and black pozzolana and some lime granules.

Room 6

Original doorway 3.60 wide, now restricted to 1.50-1.48. Two thin brick piers, set against adjacent

brick wall and placed on a base of tufa blocks with one course of large tiles (it could not be ascertained whether they are bipedales). Top of piers is a modern restoration.

Against the southern pier was set a short and not very high brick wall. Putloghole in dividing line with preceding section (brick pier) at c. 1.16-1.29 high. Threshold of preceding section seems partially demolished to make way for this wall. Bricks less uniform and somewhat thinner than in adjacent part to the east. Mortar of almost similar quality.

Room 7

Original doorway 4.15 wide, now restricted to 1.25. Restriction on north and south sides by means of two thin walls in opus vittatum A, and on north side also brick, divided by vertical joint. Almost entirely restored in two recent periods. Original masonry hardly visible. Light-coloured and well-sifted mortar laid in narrow beds, containing red and black pozzolana.

North part of doorway further restricted by wall set against preceding section. Inner facing in opus vittatum A is mainly a modern restoration. Outer facing in brickfaced concrete seems partially antique. Rather thick and mainly fresh red and yellow bricks. Dark and not very well sifted mortar laid in wide beds, containing red and occasionally black pozzolana and some rather large lime granules.

Room 8 L. 5.32, closed off at 0.48-5.32 from south-east corner.

South section at 0.00-0.48 from south-east corner. Brickfaced concrete. Modulus av. 0.23. Entity with 7, north and east.

North section at 0.48-5.32 from south-east corner. Brickfaced concrete. Set against south section. Modern restorations in central and upper part of wall. Modulus c. 0.25-0.27. Rather well levelled thick and occasionally long bricks, fresh material, of a red and yellow colour. Rather well sifted mortar, containing equal proportions of red and black pozzolana.

Two windows at 1.45 above brick plinth, at 1.48-2.21 and 3.09-4.09 from south-east corner. Vertical drainage channel min. w. 0.15 and max. w. 0.30 left open in dividing line with 7, east.

Rooms 9-10

Opening giving access to staircase 1.35 wide. North and south flanking brick piers similar to masonry of preceding section: regular courses of rather wide bricks, a mixed lot of yellow and red fresh material. Narrow mortar beds.

Room 12

Doorway 2.10 wide. Masonry similar to two preceding sections. Modulus av. 0.26. Quite regular red and yellow bricks, mixed with some reused material. Light grey badly sifted mortar with much black and red pozzolana and many lime granules.

Room 13

Doorway originally 4.30 wide. North side restricted by two wall sections, 2.55 and 1.75 wide.

North section of blocking in brickfaced concrete. Irregular facing with wide mortar beds. Mixed red and yellow partially reused bricks. Rather well sifted mortar, containing mainly red and little black pozzolana.

South section of blocking in opus vittatum A, modern restoration in upper part, mortar in outer facing recent. Very irregular masonry with rather long and mixed yellow and red bricks. Irregular and mixed tufa blocks, occasionally heavily damaged. Some square blocks included.

OUTER SOUTH WALL

Rooms 1, 2, and 15 - east section

Doorway to 1 3.20 wide, doorway to 15 3.35 wide. Brickfaced concrete. Doorway to 15 has on either side a modern restoration. Thin and long red bricks. Grey and not too well sifted mortar, containing much red and grey pozzolana.

Between doorways one series of putlogholes at a height of c. 1.22-1.33.

Rooms 15 - west section, 16, and 24

Doorway to 16 3.10 wide, doorway to 24 1.65 wide. Brickfaced concrete. Slightly curved lintel arch over doorway to 16 and upper part of wall are modern restorations. Long and rather thin yellow bricks. (Dark) grey and not too well sifted mortar, containing much black and grey pozzolana and some lime granules.

OUTER WEST WALL. See Corridor 24-29, east wall.

ROOM 1

North Doorway to 3. North and east are an entity.

East Doorway, 3.10 wide. East and north, and east and south are an entity.

South Doorway, 3.20 wide. South and east are an entity; west set against south.

West Short dividing wall, entirely modern. Set against south. North section of west wall entity with north wall of 2. Broken off at north jamb of doorway to 2.

ROOM 2 - meas. 4.35 x 3.40.

North Brickfaced concrete with reticulate on top. In many parts restored. In reticulate in north-west corner one appearance of a short band, six bricks high. West section broken off, leaving a c. 0.30 wide opening. North, east section, and east are an entity. North, west section, and west are an entity. Long and mainly yellow bricks, Modulus from 0.28-0.30. Light-coloured mortar, containing mainly brownish and black pozzolana, and some lime granules. Not very

carefully laid reticulate. Tufa blocks measure av. 0.075. Mortar similar quality as in brickwork.

East See 1, west. East set against south.

South See also Outer south wall. Brickfaced concrete. Widely restored. East set against south. South and west are an entity. Rather thin and long, red and yellow bricks. Modulus av. c. 0.25. Fresh material. Light grey and well sifted mortar containing red and black pozzolana.

West Entity with south wall and with west section of north wall.

ROOM 3 - meas. 9.00 x 8.90.

North Doorway to 5, 1.20 wide. East section almost entirely modern, in two phases. Set against brick pier in north-east corner. West section in brickfaced concrete is mainly a modern restoration. Small relieving arch in north-west corner near ground level. West section entity with west wall.

East See Outer east wall. Doorway 1.60 wide, now restricted to 0.40. Brickfaced concrete in two phases, entirely modern. South section entity with south wall. North section set between north and south walls.

South See also 2, north. East section in brickfaced concrete. Two large putlogholes in reticulate, at a height of 1.30-1.44 and 1.30-1.50. South and east, and south and west are an entity.

West Brickfaced concrete. Upper part of wall antique restoration. West, south section, entity with south. West, north section, entity with north. Long red fresh bricks, in lower part also yellow-orange bricks. Light grey well sifted mortar containing red and black pozzolana. Antique restoration in north-west corner, likewise in brick: irregular masonry with mixed red and yellow mainly thin bricks. Greyish well sifted mortar containing black and some red pozzolana and small lime granules.

ROOMS 4-5 - meas. 9.10 x 1.50.

North Reticulate intersected by bands five or six bricks high. North, west section, entity with west. Uniform and fresh pink-coloured bricks. Modulus av. 0.28. Tufa blocks not very regular, mixed colour. Diam. tufa 0.06-0.07. Grey and rather well sifted mortar, containing red, black, and brown pozzolana, with a preponderance of black, and some lime granules.

Traces of a secondary, now removed, staircase. Series of irregular and rather large holes at a height of 0.78-0.99. West jamb of doorway to 6 partially filled-in, w. 0.67-0.80. Filling executed with all kinds of materials. Series of putlogholes for scaffolding immediately above doorway, and at corresponding height in west wall. In lower section of wall series of modern putlogholes.

East See Outer east wall of 4-5. Doorway 1.50 wide. South set against south-east brick pier.

South See also 3, north. South set against south-east brick pier. South, west section, and west are an entity.

West Masonry of north section: cf. 4-5, north. Entity with north wall. Masonry of south section: cf. 3, north. Entity with west section of south wall.

ROOM 6 - meas. 8.80 x 5.20.

North Opus reticulatum mixtum. In the modern restoration intersection by brick bands, in the upper part five and in the lower part six bricks high. North entity with east and west walls. Masonry similar to that in 4-5, north.

Partially restored doorway to 7, w. 1.50. In east part series of three putlogholes at a height of c. 0.80-0.98, in west part two holes at a height of c. 0.90-1.02. Another series of putlogholes at a height of at least 2.00. Beamholes at c. 3.40. Against north three heavy brick piers, meas. from west to east: w. 0.93 x d. 0.75, w. 1.37 x d. 0.80, w. 0.91 x d. 0.81, sustaining arches that spring at c. 3.40. Rather well levelled courses, consisting of very irregular material with a preponderance of thick and rather short yellow and red bricks. Light grey and rather well sifted mortar containing red and black pozzolana.

East See also Outer east wall. Doorway 3.60 wide, now restricted to 1.50. North section entity with north wall. South section entity with south wall.

South Brickfaced concrete with fields of reticulate. See also 4-5, north. South-east corner heavily restored in reticulate intersected by brick bands. Masonry similar to that in 6, north. South and east, and south and west are an entity.

West jamb of doorway to 5 narrowed. See 5, north. Filling consists of irregular brickwork (modulus c. 0.29) and equally irregular opus vittatum in which most of the tufa blocks are reused *tesserae* from a demolished reticulate wall. Higher up filling of mostly rubble masonry. Concrete basin, hardly preserved and mainly a modern restoration, in south-east corner. Beamholes at c. 3.40.

West Brickfaced concrete. Masonry similar to that in 6, north and south. West and north, and west and south are an entity. Upper part of wall over doorway with wide relieving arch entirely modern. Series of putlogholes at c. 1.08-1.20. Doorway to 18, 2.30 wide, lower part (h. 0.97) blocked with bricks, upper part blocked with irregular reticulate and rubble masonry (top). See also description of 18, west.

ROOM 7 - meas. 8.85 x 5.20.

North Brickfaced masonry and opus reticulatum mixtum. In lower part a few courses of brick and for the rest tufa blocks. West part of wall almost entirely demolished. North-east corner in fresh and uniform red bricks. North entity with east and west walls. Masonry similar to that in 6.

In east section blocked opening, 1.51 wide, presumably doorway. Threshold at +0.10 (east) and +0.44 (west). Covered by arch of sesquipedales. Partly modern. Filled with somewhat irregular brickwork in thick and partly reused yellow bricks. Greyish-white and badly sifted mortar, containing

black and some red pozzolana, lime granules, and heterogeneous material.

East See also Outer east wall. East entity with north and south. Doorway 4.10 wide, now restricted to c. 1.25. Inner facing of partially blocked doorway in opus vittatum A, almost entirely restored in 1965.

South Opus reticulatum mixtum. See also 6 north. South entity with east and west.

Doorway to 6, 1.50 m wide. Series of putlogholes at c. 2.18-2.30. Up high in wall beamholes, partially bricked in, at c. 3.40, surrounded by modern masonry. Three heavy brick piers set against wall, meas. from west to east: w. 0.90 x d. 0.73, w. 1.31 x d. 0.76, w. 0.94 x d. 0.75. Masonry cf. secondary brick piers 6, north. On top of western pier at 3.40 springing of wide sustaining arch along wall, of bipedales. Slightly irregular courses of mixed and partially reused pink and yellow bricks, Modulus 0.26-0.285. Whitish-grey mortar, rather wide joints, containing red, black and some brown pozzolana.

West Brickfaced concrete. West entity with north and south. Upper part of wall with brick arch and reticulate on top of it entirely modern, restoration 1965. Not possible to ascertain in how far this copies the ancient situation.

Doorway to 19, w. 2.30. Both jambs partly modern restoration.

ROOM 8 - meas. 8.70 x 5.20.

North Opus reticulatum mixtum intersected by bands of seven (below) and five bricks (above). North, east section, entity with east. North, west section, entity with west.

Two series of putlogholes: in lower part five partially blocked holes at a height of c. 1.10-1.23, in upper part at c. 2.70, c. 0.13 high. Beamholes at c. 3.40. Assumed secondary window at a height of 2.23-2.57, w. 0.32, oblique direction from south-east to north-west. Lintel irregularly shaped arch cut through reticulate. Inside plastered and painted. Blocked doorway to 11, 1.48 wide, covered with arch of sesquipedales. East jamb heavily restored. Blocking in reticulate (above) and brick (below). Rather long and thin orange and yellow, partly reused bricks. Modulus c. 0.22-0.24. Irregular tufa blocks, diam. c. 0.075, mortar-joints recently restored. Light grey to reddish and rather well sifted mortar containing red, black, and brown pozzolana, and some lime granules. Near north-east corner wide fissure, recently filled in. Masonry at east side of fissure, cf. Outer east wall of 8, north section.

East See also Outer east wall of 8. East, north section, and north are an entity. East, south section, and south are an entity.

South See also 7, north. South entity with east and west.

Blocked doorway, 1.60 wide, here reaching ground level. Blocking in irregular and partly reused thick, yellow bricks. Light grey and not too well sifted mortar containing black, brown and some red

pozzolana, lime granules and some heterogeneous material.

West Brickfaced concrete. West entity with south and north. North section mainly modern, including upper part with arch of sesquipedales. In south section birth of arch possibly in five original bricks. Dark red, uniform and occasionally rather long bricks. Modulus 0.25-0.26. Whitish mortar containing red and black pozzolana. Traces of whitewash on wall surface.

ROOMS 9-10 - meas. 5.25 x 1.35.

North Brickfaced concrete. North set against outer east wall of 9-10 and 12. North and west are an entity. Uniform long and thin orange-yellow bricks, partially reused. Modulus 0.23-0.26, av. 0.24. Among bricks one sesquipedalis. Whitish-dirty grey and very tenacious mortar, containing coarse red, black and brownish pozzolana and many lime granules.

Doorway to 12, 0.87-0.85 wide, covered with irregular arch of bipedales partly cut off to make way for staircase. Holes for beams that carried second floor.

East Access to staircase 1.35 wide. North set against east.

South See also 8, north. Here too the wide fissure is visible, at 0.86-0.94-1.00 from south-east, with a diverse masonry at its east side. Series of holes that supported treads of staircase.

West Brickfaced concrete. West entity with north, set against south.

ROOM 11 - meas. 3.00 x 1.35.

North Brickfaced concrete. Opening to room 12. Brick pier, 0.82 x 0.60, set against west wall. It carried an arch of bipedales to the north wall of 9-10 and is an entity with this. Upper part of arch restored. Almost regular and mainly fresh yellow and orange bricks. Modulus 0.245-0.25. Very tenacious and rather well sifted mortar containing much red and black pozzolana and some lime granules. Narrow wall envelopes pier at west and north sides, now mainly modern. East end demolished.

East Brickfaced concrete. See also 9-10, west. East entity with north, set against south.

South Brickfaced concrete and reticulate. See also 8, west and 8, north, west section. East set against south, entity with west.

Beamholes at c. 3.40. Blocked doorway, 1.48 wide, here entirely in tufa blocks. For secondary window see 8, north. Traces of plaster and painting on wall.

West Brickfaced concrete. West entity with south. North pier set against west.

ROOM 12 - meas. 8.80 x 5.15.

North Opus reticulatum mixtum intersected by bands of six (below) and five bricks (above). North, east section, entity with east. North, west section, entity with west.

Series of putlogholes directly beneath brick

course at c. 1.08-1.20, repeated higher up in the wall. Beamholes at c. 3.40. Doorway to 13, 1.45 wide, covered by lintel of sesquipedales. In west section near north-west corner fissure and diverse material.

East Brickfaced concrete. See also 9-10, east, and Outer east wall, 12. North section entity with north wall. South wall set against south section. Doorway 2.10 wide.

South Brickfaced concrete. See also 9-10, north. South set against east. Rather well levelled yellow and pink bricks, partly reused material. Modulus 0.24-0.26. Greyish mortar laid in very wide beds, containing red, black, and brown pozzolana, and some lime granules.

West section is a thin, 0.30 wide wall. Upper part of wall modern. Near north-east corner of 11 traces of a demolished, 0.38 wide wall projecting into 12. Doorway to 9-10 0.85-0.87 wide.

West Brickfaced concrete. West, north section, entity with north. Regular masonry embedded in mortar containing red, black, and brown pozzolana, and lime granules.

Doorway to 21, 1.20 wide, jambs mainly modern. Opening covered by entirely modern arch of sesquipedales.

ROOM 13 - meas. 8.80 x 5.25.

North Reticulate enveloped by brickwork. Reticulate placed on top of four or five courses of brick, partly modern. Entity with east and west.

Narrow bench placed along west section of north wall and north section of west wall.

Blocked doorway to 14, 1.47 wide. Originally covered by arch of sesquipedales, of which now three in situ. Upper part of doorway is a modern restoration. Blocking in brick with rather irregular courses. Modulus c. 0.27. Heterogeneous and rather thick pink and yellow bricks, some possibly reused. Dark grey rather badly sifted mortar containing black pozzolana, lime granules and marble fragments.

East Brickfaced concrete. See also 13, Outer east wall. North section entity with north. South section entity with south.

Doorway originally 4.30 wide, restricted by two walls (l. 2.55 and 1.75). Entrance covered by slightly curved arch of sesquipedales, partly modern.

South Brickfaced concrete. See also 12, north. South, east section, entity with east. West section entity with west. Masonry west of fissure entity with 13, west. Beamholes at c. 3.40. Doorway to 12, 1.45 wide.

West Brickfaced concrete. North section entity with north. South section entity with south. North section placed upon narrow bench, entirely a 1965 restoration. Traces of a fire seem visible on many bricks. South section: modulus 0.27-0.29; regular masonry with thick yellow and orange bricks; mortar hardly visible.

Doorway originally 2.12 wide, now restricted to 1.60 in opus vittatum A. South jamb of doorway 0.52 wide. Upper part of doorway restored, arch badly

replaced. In upper part modern restoration in opus vittatum B. Modulus opus vittatum A: one brick + one block av. 0.15; two bricks enveloping one block c. 0.20-0.22. Well levelled courses with mixed and fresh yellow and orange bricks. Irregular oblong tufa blocks, occasional insertion of a square block. Much reused material among bricks and blocks. Very tenacious and light grey mortar containing black and brownish pozzolana, lime granules, and marble fragments.

ROOM 14 - meas. 8.70 x 5.05.

North Brickfaced masonry. See also 14, Outer north wall. Entity with east. West presumably set against north.

Rectangular window at c. 2.52 above floorlevel, 0.75 high and 0.55 wide. Covered by a yellow bipedalis. Series of putlogholes at 0.94-1.03 and immediately below window. Beamholes at c. 3.40.

East Brickfaced masonry. See also 14, Outer east wall. North section entity with north. South section entity with south. Doorway 3.60 wide.

South Brickfaced masonry enveloping reticulate fields. See also 13, north. Masonry adjoining doorway much restored, partially replaced in oblique position.

Blocked doorway to 13, 1.47 wide. Near west jamb irregular dividing line. Rather thin and long red bricks. Mortar not visible.

West Opus vittatum, almost entirely restored, partly in 1965. Only north part in opus vittatum A antique. West presumably set between north and south walls. Modulus: one brick + one block 0.125; two bricks enveloping one block av. 0.15. Rather well levelled courses of long red bricks, presumably fresh material. Occasionally long tufa blocks, all rather well cut. Mortar hardly distinguishable.

ROOM 15 - meas. 4.85 x 4.70.

North Opus reticulatum mixtum intersected by a band of five (above) and six bricks (below). In the lowest field the reticulate blocks were neatly cut into two triangles, in the upper part they were left whole. Entity with 15, west, presumably set against 15, east. Modulus 0.26-0.28, diam. of tufa blocks 0.065-0.08. Bricks mainly reddish and yellow. Dark grey and well sifted mortar, containing much black and greyish pozzolana, in which the absence of the red variety is striking. Series of putlogholes for scaffolding at c. 2.00-2.13.

East Opus reticulatum mixtum intersected by brick bands not placed at the same height as those in 15, north: the central reticulate field has one more brick course, and the lower field one less. Entity with 15, south, 15 north presumably set against it: a wide fissure in the north-east corner was filled with modern mortar. Modulus of the bricks av. 0.26. Diam. of tufa blocks 0.07-0.075. Uniform pink and fresh bricks. Tufa blocks not regularly placed under a 45-degree angle. Tenacious and light grey well sifted mortar

containing black, brownish and red pozzolana, with hardly any lime granules.

Two large beamholes at c. 2.60. In the south-east corner a brick pier was set, almost entirely modern. Modulus of the antique bricks av. 0.245. Rather uniform masonry with long and mainly orange bricks, almost entirely fresh material. Darkish-grey and badly sifted mortar containing red and black pozzolana and large lime granules. Low stairs of c. five steps preserved set against the wall, meas. 1.30 (north-south), 1.03-1.04 (east-west), h. 0.20, situated at 0.73 from north-east.

South Brickfaced masonry. See also 15, Outer south wall. East section entity with east wall. West section entity with west wall.

Doorway 3.35 wide. In south-west corner a bar counter, for the installation of which the reticulate west wall was partially cut off. Back of counter mainly modern, possibly only in front some original opus vittatum A, preserved for max. h. 0.95 in modern concrete.

West Opus reticulatum mixtum. Entity with north wall and with west section of south wall. High modulus of 0.255-0.32, caused by use of thick bricks, 0.04-0.045 wide. Dark grey badly sifted mortar containing black and grey pozzolana and some lime granules. Beamholes at c. 2.60.

ROOM 16 - meas. 4.85 x 4.40.

North Opus reticulatum mixtum intersected by a band of six (below), five (centre), and three bricks (above). Upper part of wall is a modern restoration. Entity with 16, west, and presumably with 16, east. Modulus 0.28-0.30, bricks 0.035-0.045 wide. Rather well laid, fresh yellow and red bricks. In north-west corner thick pale yellow bricks. Darkish grey rather badly sifted mortar containing black and grey pozzolana, and some lime granules. Diam. of tufa blocks 0.065-0.07. Putlogholes for scaffolding through the reticulate.

East Opus reticulatum mixtum intersected by brick bands. Bricks begin and end one course lower than in the north wall. North-east corner mainly modern restoration. Entity with south wall, south section, and presumably with north wall. Masonry cf. 16, north.

Beamholes at c. 2.70. Small base in opus vittatum, meas. 0.93 x 0.35 x 0.60, set against wall, three courses antique, rest modern. On top brickwork, also much restored. Badly sifted mortar containing black and red pozzolana.

South Brickfaced masonry. See also 16, Outer south wall. East section entity with east. West section entity with west. Upper part of wall and wide arch over entrance entirely modern. East section extensively restored. Masonry cf. 16, east. In west section exclusively well shaped and uniform yellow bricks whose modulus varies between 0.23 and 0.245. Rather thin bricks, all 0.03 wide. Rather wide mortar beds (0.02-0.025). Pale grey and well sifted mortar containing black pozzolana.

Doorway 3.10 wide. Window above doorway at a height of c. 3.60.

West Opus reticulatum mixtum and brickwork. South section entity with south. North section entity with north.

Beamholes at c. 2.70. Blocked doorway to 24, 1.20 wide. Neat arch of sesquipedales over doorway, carefully set between both brickwork and reticulate. Some reticulate blocks were partly cut off to install the arch. Mortar of doorjambs contains exclusively black and grey pozzolana. Mortar in arch over doorway contains red and black pozzolana. Filling of doorway in rather bad and mixed material, and presumably in two phases: south part set against north part. Irregular fissure at c. 0.11-0.20 from south-west corner of wall, and restoration of entire south-west corner and south wall in yellow bricks. Modulus av. 0.24, bricks 0.03 wide, mortar beds av. 0.02 wide. Regular courses, uniform and fresh yellow bricks. Light grey and rather well sifted mortar containing brownish and black pozzolana.

ROOM 17 - meas. (incl. 18, cf. Gnade 1982, 36) 10.30 x 9.30.

North Brickfaced masonry. Wide opening flanked by two brick piers and a large central pier (1.45 x 1.18). West pier and 17, west are an entity. East pier was set against 17, east. Modulus av. 0.265, bricks av. 0.033 wide, mortar beds from 0.018 to 0.025 high. Rather well levelled courses. Mainly fresh yellow and some pink bricks, brickwork somewhat irregular. Light grey mortar containing red and black pozzolana.

East Brickwork and reticulate fields. 17, north, east pier, and presumably also 17, south were set against it. Modulus av. 0.26. Uniform and fresh bricks. Light grey mortar containing red and black, and some brownish pozzolana.

In north-east corner at c. 3.30, beside pier, one large beamhole, 0.38 wide. Corresponding hole in opposite west wall, same width. Wide filled-in doorway, see also 3-5 west. Heavy brick pier set against south-east corner, cf. 17, south. Putloghole for scaffolding at west side of pier. Masonry of pier: see south wall.

South Opus reticulatum mixtum intersected by bands of six (below), five (centre), and at least three bricks (above). South presumably set against east and west. Modulus 0.30-0.31. Bricks 0.041-0.052 wide, av. 0.044. Mortar beds 0.018-0.022 high, av. 0.02. Diam. of tufa blocks 0.065-0.07. Rather well levelled courses. Fresh but mixed red and yellow thick bricks. Tufa courses almost regular. Light grey mortar containing exclusively black pozzolana.

Halfway up putlogholes for scaffolding occasionally surrounded with care by reticulate blocks. In upper part of wall two or three large beamholes (in east section) and three beamholes (in west section), placed on top of five brick courses at a height of c. 3.30.

In the south-east and south-west corner, and

against the centre of the wall, were placed three high and heavy brick piers, meas. from east to west: w. 0.90, 1.30, 1.01, d. 1.11, 0.86, 0.89. In all piers appear putlogholes for scaffolding. Furthermore, in central and south-west pier in the opposite sides a square and a round hole, in the central pier at 0.35 above the putloghole, in the south-west pier at a slightly lower level. Brickwork south-east pier: modulus 0.25-0.27; not quite regular courses of pink-yellow and mainly fresh bricks; light grey mortar containing black and red pozzolana and many lime granules. Masonry central pier entirely similar to south-east pier. Brickwork south-west pier: almost similar to the preceding piers; mortar containing much red and less black pozzolana, and many small lime granules. Function of piers: sustaining brick arches lying flat against the south wall, much restored. Springing of arches of thin red bipedales at c. 3.00. Intrados of arches revetted with double series of bessales with concrete in between.

Between the piers and against the south wall a thin brick wall preserved over a height of at least 2.80. Modulus av. 0.29, bricks 0.03-0.033 wide, mortar beds 0.025-0.03 wide. Rather well levelled courses of yellow, pink and red reused bricks; light-coloured mortar, containing black and red pozzolana. Against this wall, and again between the piers, a low bench, upper part modern, consisting of c. five courses of tufa blocks upon a base of brick. South-west bench almost entirely modern.

West Opus reticulatum mixtum intersected by bands six bricks high and by quoinings of five bricks each. North and west are an entity; south presumably set against west. Modulus 0.26-0.27, mortar beds 0.018-0.02 wide, diam. of tufa blocks 0.06-0.07. Mortar light grey containing red, black, and some brownish pozzolana.

Two series of putlogholes. Beamholes at c. 3.30. Filled-in doorway to room 25, 1.47 wide, covered by neat arch of red sesquipedales. Doorjamb up to h. 0.86 damaged and irregular. Filling of doorway in brick, lower part mainly modern. Modulus 0.27-0.28, bricks 0.028-0.035 wide, mortar beds 0.026-0.034 wide. Rather well levelled courses of mainly red, and occasional yellow, reused bricks. Above doorway and upper series of putlogholes at a height of c. 3.40 an obliquely placed wide window, going from south-east to north-west, cut through the reticulate but resulting in a carefully laid window sash.

ROOM 18 - meas. cf. 17.

North East section brickfaced masonry; west section opus reticulatum on 9 brick courses, badly preserved and broken off at the east end. East section entity with east. West section entity with west. West section: modulus av. 0.29, bricks 0.035-0.045 wide, mortar beds 0.015-0.025 wide, diam. of tufa blocks 0.065-0.075. Rather well levelled courses of thick red and yellow, partially reused bricks. Irregular tufa blocks. Light brown mortar containing red and black

pozzolana.

East Brickfaced masonry. See also 6, west. In lower part also modern restoration. Entity with north, east section. South, east section, pier set against and partially in the wall. Modulus 0.225-0.245, bricks 0.03-0.033 wide, mortar beds 0.022-0.027 wide. Rather well levelled and regular facing of pink and yellow bricks, presumably all fresh. Greyish mortar containing red, black, and brownish pozzolana.

Two series of putlogholes for scaffolding, resp. south and north of doorway at a height of 0.85-0.98 and 1.06-1.17. 2.30 wide doorway closed in various phases, covered by presumably entirely antique arch of sesquipedales. From ground level to a height of 0.52 rubble masonry with tufa blocks, fragments of basalt lava and irregular pieces of brick, partially covered with modern mortar. On top in south part filling in uniform and presumably fresh bricks, in north part thinner and reused bricks. On top of both, reticulate with brick intersections. In upper part of filling different masonry of thick bricks.

South Two brick piers. South pier seems entity with east. West pier entity with west. East pier, mainly yellow bricks, irregular but mainly fresh material, av. 0.033 wide, mortar beds 0.018-0.025 wide, cf. 17, north-east section. West pier, cf. 17, north-west section.

West Opus reticulatum mixtum intersected by brick bands, entirely cf. 17, west. Entity with 18, north wall, west section, and 18, south-west pier.

Doorway 1.29-1.30 wide, jambs and arch partly modern restoration. Originally possibly 1.45 wide and restricted at south side. Covered by arch of red sesquipedales. Cf. description of 26, east. In lower part of south jamb less regular antique restoration in brick, sometimes hardly visible, max. 0.65 wide and c. 1.18 high. Restored with long and thin bricks, modulus between 0.23-0.238, bricks 0.022-0.034 wide. Light-coloured mortar containing black pozzolana.

ROOM 19 - meas. (incl. 20-21, cf. Gnade 1982, 36) 16.15 x 9.35.

North Two brick piers set in north-east and north-west corners, subsequently enveloped by wider secondary brick piers. First piers both 0.61 wide, secondary piers 0.855 (east) and 0.95 wide (west). Modulus first piers: 0.265-0.27, bricks 0.035-0.038 wide, mortar beds 0.024-0.025 wide. Rather thick and mainly yellow fresh bricks. tenacious and rather badly sifted greyish mortar, containing grey and black pozzolana. Modulus secondary piers: av. 0.235, bricks av. 0.032 wide, mortar beds 0.022-0.025 wide. Rather well levelled courses of thin reused orange bricks. Light grey and badly sifted mortar, containing much red and brownish pozzolana with an almost complete absence of black, and many lime granules. Secondary piers sustain wide arches of red thin bipedales that span the room from north to south. At springing of arch a light reset, presumably for

installation of wooden frame during construction. Intrados revetted with series of 3-3.5 *bessales*, some of which still in situ. In concrete of core mixed lot of *caementa*. Every c. 12 *bipedales* one tile continues through the whole width of the core, others all cut into half, thus creating a cassette-like partition.

East Opus reticulatum mixtum intersected by brick bands. See also 7, west. North-east pier of 19 set against it. Presumably entity with 19, south, east section, but entire facing of corner modern. Part of reticulate in upper wall restored. Doorway to room 7, 1.82 wide, covered by a not too good arch of *sesquipedales*. Cf. 7, west. Upper part of doorway possibly restored. Series of *putlogholes*, see also 18, east.

South Masonry entirely cf. 18, north. West section entity with west. East section presumably entity with east. Facing of east section heavily restored.

West Opus reticulatum mixtum. See also 17 and 18, west. North set against west. West entity with south wall, west section.

Doorway to corridor 26, 1.47 wide, covered by a not very good arch of red and yellow *sesquipedales*. Arch partially cut through brick quoining of reticulate field, but neatly done. Doorway blocked in brick until a height of 1.35. Bricks presumably identical to those in restored jambs of doorway 18, west. Mortar hardly visible, but certainly containing red *pozzolana*. Above doorway a window at a height of c. 3.40. Partly modern.

ROOM 20 - meas. cf. 19.

North In north-east and north-west two heavy brick piers enveloping two smaller ones. See also 19, north. North, west section set against west. East section set against east.

East See also 19, east. North and south, east sections, set against east. Doorway to 8, 2.30 wide.

South In south-east and south-west two heavy secondary brick piers. See also 19, north. Both piers set against resp. east and west walls.

West Reticulate intersected by brick bands. See also 19, west. Blocked doorway to 27, 1.45 wide. Window above doorway at a height of c. 3.40, see also 18, west. North and south, west sections, set against west.

ROOM 21 - meas. cf. 19.

North Brickfaced concrete and opus reticulatum simplex and mixtum. East section entity with east wall. West section entity with west wall. Secondary doorway to 22, 0.91 wide.

Masonry consists of seven different parts (including restored west jamb of doorway). They measure from the north-east corner: section 1) from 0.00-0.31; section 2) from 0.31-0.88; section 3) from 0.88-1.53; section 4) from 1.53-2.06; section 5) from 2.06 - east jamb of secondary doorway; section 6) from west jamb of secondary doorway until 0.13-0.735; section 7) from 0.13-0.735 of west jamb until north-west corner.

Section 1) Brickwork, 0.31 wide. Entity with east wall. Rather wide bricks (0.03-0.043), mortar beds av. 0.025, modulus 0.275-0.28. Fresh, red and yellow bricks, mainly broken tiles. Greyish and rather badly sifted mortar containing black *pozzolana*.

Section 2) Brickwork, 0.57 wide, east part of blocked doorway. Set against section 1. Lower part modern restoration. On top irregular masonry, mixed yellow and orange partly reused bricks. Some traces of a fire? Modulus 0.265-0.275, bricks 0.28-0.031 wide, mortar beds 0.02-0.023 high. Rather badly sifted mortar containing red and brownish *pozzolana*, and lime granules.

Section 3) Brickwork, 0.65 wide, west part of blocked doorway, orig. c. 1.22 wide. Set between sections 2 and 4. Not very regular masonry, although use of mainly orange bricks gives a uniform aspect. Most bricks reused. Their quality is not very good. Modulus 0.235-0.275, bricks 0.022-0.03 wide, mortar beds 0.02-0.027 wide. Brownish-grey and badly sifted mortar, containing red and black *pozzolana*. Section 3 set on top of a brick base, min. 0.37 and max. 0.50 high. It continues beneath sections 4-5, where it is 0.40-0.47 high.

Section 4) Brickwork, c. 0.53 wide. Section 3 set against it. Fissure at west side, sequence there not clear. Modulus av. 0.27, bricks 0.025-0.03 high, mortar beds av. 0.02 high. Rather well levelled masonry containing exclusively sawn pale yellow bricks, presumably mainly fresh material.

Section 5) Brickwork, continuing until secondary doorway. Fissure at 1.18 from east side, but continued in same masonry. Modulus 0.235-0.255, bricks 0.022-0.028 wide, mortar beds 0.021-0.027 high. Masonry similar to that of section 3. The wall is placed upon a low brick base with at least one thick broken *bipedalis* or *sesquipedalis*. The lower west part is heavily restored. Modulus c. 0.22-0.23.

Section 6) West jamb of secondary doorway, restored in brick, max. 0.735 and min. 0.13 wide. Ending at west end in irregular fissure. Presumably set against section 7.

Section 7) Opus reticulatum mixtum intersected by two bands, six (below) and five bricks high (above). Entity with 21, west. In lower part antique restoration in opus vittatum B (c. 0.64 wide), and modern restoration in brick.

Hadrianic masonry is also visible at 0.14-1.13 east of the doorway and lying at min. 1.87 above the present floorlevel of the room, where it is "stuck" as two to three brick courses between the Severan masonry extending below and the Antonine reticulate above. The Hadrianic brickwork was broken off at the east end and repaired by the bad quality reticulate.

East North part entity with 21, north, section 1. Doorway and restoration of north jamb, see also description of 11, west. Against south part heavy secondary brick pier, cf. description of 19, north. Thin enveloping wall set against north end of east wall, cf. description of 11, north. Thin wall broken off

at south jamb of doorway. Presumably installation of basin in south-east corner, meas. originally 2.10 x 1.74, preserved to a height of only 0.20, almost entirely modern concrete.

South In south-east and south-west two heavy secondary brick piers, see also 20, south, and 19, north. East pier somewhat larger than other piers (in 20 and 21). Both piers set against resp. east and west walls.

West See also 19 and 20, west. Doorway to 28, 1.45 wide. North section entity with 21, north. Heavy secondary brick pier set against south section

ROOM 22 - meas. 9.40 x 5.35.

North Opus reticulatum mixtum intersected by bands six bricks high, and brickwork. In north-east brick pier set in corner. North, west section, and west are an entity. In highest brick band of reticulate four large beamholes at c. 3.40. Masonry consists of five different parts. From north-east corner: section 1) brick pier placed in north-east corner; section 2) brickwork until c. 0.80 west of projecting pier, including small square niche at 1.03 east of this pier; section 3) opus reticulatum mixtum from c. 0.77 west of pier until c. 2.10 from north-west; section 4) brickwork from c. 2.10-0.60 from north-west; section 5) reticulate from c. 0.60 - north-west corner.

Section 1) Brick pier in north-west corner, 0.97 x 0.48. Modulus av. 0.26, bricks 0.034-0.037, mortar beds 0.018-0.024. Somewhat irregular masonry of mixed and partly reused material. Rather light-coloured mortar, containing red and black pozzolana, and lime granules.

Section 2) Brickwork from north-east corner until c. 0.77 west of projecting brick pier, meas. 0.45 x 0.30, until c. 2.50 high, antique restoration in brick. On top opus reticulatum mixtum, cf. descriptions of rooms 1-14. Modulus 0.235-0.25, bricks 0.026-0.031 wide, mortar beds 0.022-0.03 wide. Rather long and uniform red and yellow bricks, partly reused. Darkish and rather badly sifted mortar, containing black, brownish and some red pozzolana.

Section 3) Rather well levelled courses of mainly fresh bricks. Av. modulus 0.26, bricks av. 0.03 wide, mortar beds 0.01-0.03 wide. Rather uniform and partly fresh bricks, mixed red and yellow.

Section 4) Meas. 2.10-0.60 from north-west corner. Presumably filled-in doorway, c. 2.00 high. Jambs not straight. Modulus 0.25-0.27, bricks 0.03-0.032 wide, mortar beds 0.02-0.025 high. Mainly long and uniform red and yellow bricks, almost exclusively fresh material. Light-coloured mortar, containing black, brownish and red pozzolana, and lime granules.

Section 5) Opus reticulatum mixtum, cf. description of rooms 1-14.

East Brickwork in north section, brickwork and vittatum in south section. Brick pier set against north section. South section and south wall are an entity. Masonry of north section, see also 13, west, north

section. Low bench enveloping north section, min. h. 0.40, min. w. 0.10. Entity with wall. Doorway to 8, 2.13 wide. Restored south jamb, cf. 13, west. Among the bricks here more fresh material. Brickwork of south section: modulus 0.275-0.28, bricks 0.03-0.043 wide, mortar beds 0.024-0.026 wide. Very thick red and yellow bricks, all fresh, many broken tiles. Rather light mortar, not too well sifted, containing black and brownish pozzolana.

South See also sections of 21, north. Jambs of presumed filled-in doorway, 1.20 wide, here at 0.28-1.44 from south-east corner. Dividing line between two phases at 0.83 from south-east. Lower part mainly modern restoration. Doorway to 21, 0.90 wide. Beamholes at c. 3.40.

West Opus reticulatum mixtum intersected by brick bands. North part until max. h. 0.85 entirely a restoration in brick. North section entity with 22 north, section 5. South section entity with 21 north, section 7. Modulus 0.23-0.255, bricks 0.025-0.036 wide, mortar beds 0.02-0.023 high. Rather irregular courses with thin and mainly reused yellow and orange bricks. Light-coloured mortar with red, black and brownish pozzolana. Doorway to 29, 1.42 wide. Window above doorway, at c. 3.60. See also 18-21, west.

ROOM 23 - meas. 9.50 x 5.10.

North Opus reticulatum mixtum and brickwork. See also Outer north wall of 23. Floorlevel c. 1.00 higher than in other rooms.

Section 1) From north-east until c. centre of wall brickwork. Section 1 and east presumably an entity. Modulus 0.27-0.30, bricks 0.03-0.038 wide, mortar bed 0.031-0.038 high. Rather uniform courses of red and yellow mixed bricks, at least partly reused. Pale mortar, containing red and black pozzolana, and some lime granules.

Section 2) Reticulate, facing partly removed and concrete core visible.

Section 3) From north-west corner reticulate, l. 2.30. Upper part modern restoration (1965). At 1.13 m from north-west a secondary opening in brick, 0.40 wide. Near north-west corner some yellow secondary bipedales. West set against section 3.

East See also 14, west. Only core of wall visible until max. h. 0.77, with on top restoration in opus vittatum A, rest modern. Modulus: one brick + one block av. 0.124; one block between two bricks av. 0.175. Irregular yellow bricks and oblong tufa blocks.

South Opus reticulatum mixtum and rubble masonry. See also 22, north. Situation in south-east corner not clear. South and west are an entity. In west part reticulate intersected by two bands six bricks high, quoinings five bricks high, cut off in east part and restored in rubble. Series of putlogholes above first course of brick bands.

In south-east corner a shallow brick pier, max. w. 0.095 and 0.86 high. Modulus av. 0.27, bricks av. 0.03 wide, mortar beds 0.01-0.03 high. Rather uniform and long red and yellow bricks, partially

reused. In south-west corner bench set against south. At least four large beamholes in reticulate at c. 2.40 above floorlevel of room.

West Opus reticulatum mixtum. North presumably set against west. West and south, west section, are an entity.

Doorway to corridor 29, 1.45 wide. Around north and south sections thin enveloping brick walls. Against north section: 1.90 long, av. w. 0.095 with a maximum of 0.32. Against south section: 1.80 long, av. w. 0.25 with a maximum of 0.36. The north section rose originally 0.47 high, the south section 0.83 (both measured from Corridor 29). Masonry laid in irregular courses, thick reused bricks. Badly sifted mortar containing many lime granules.

ROOM 24 - meas. 3.50 x 2.06.

North Set between east and west. Blocked passage to corridor 25-29. West section 1.32 wide, east section 0.74, both filled in with bricks, east part also in rubble. Upper west part modern restoration. Masonry west part: modulus 0.29-0.30; thick, partially reused tiles; rather light, badly sifted mortar containing brownish and some black pozzolana. Masonry east part: below six to seven courses in modern brick until c. 0.50 high. At west side bricks laid in corner. Coarse material with part of a small arch in bessales and a stucco cornice. Greyish mortar containing red pozzolana.

Near west wall a plinth of bipedales, wall set upon it.

East Opus reticulatum mixtum. See also 16, west, and 25, east. North set against east. Bands of six bricks high and quoinings, in centre five bricks high. Modulus 0.26-0.28, bricks 0.035-0.045 wide, mortar beds 0.015-0.02 wide, diam. tufa blocks 0.07-0.075. Regular and well levelled reticulate. Thick and sawn bricks. Lower course of bricks entirely modern.

In north part of wall some irregular holes, cf. also 24, west. Beamholes at c. 2.50. Doorway to room 16, 1.20 wide, blocked in two phases. North part 0.61-0.66 wide, blocked in opus vittatum, south part 0.54-0.58 wide, blocked in rubble. Covered by arch of sesquipedales, possible secondary, see also situation in 16, west. Niche 0.30 deep left open while blocking, visible from c. 0.39 high.

South Brickfaced concrete. Entity with west wall. West section 0.88 wide in facade, 0.44 wide inside room. Rest is 1.65 wide doorway. Above doorway window, at c. 3.75. Modulus 0.23-0.24 high. Well levelled masonry, yellow and uniform fresh bricks. Tenacious and grey mortar, containing black and brownish pozzolana.

West Brickfaced concrete. Entity with south wall. North set against west. Well levelled and regular courses. Fresh and partly cut-through, mainly yellow bricks. Greyish and badly sifted mortar, containing much black pozzolana. Set upon plinth of bipedales, d. c. 0.11, but all broken off.

In north-west corner irregular holes, cf. 24, east.

Beamholes at c. 2.50.

ROOM 25 - meas. 6.81 x c. 2.00.

North Brickfaced concrete, 1.05 long and 0.37 wide. At east side doorway, 0.94 wide. North set against west. Modulus av. 0.245, bricks 0.025-0.03 wide, mortar beds 0.015-0.025 wide, av. 0.018. Mixed and partly reused red and yellow bricks. Rather tenacious mortar, quality not observable.

East Brickwork and opus reticulatum mixtum. See also 17, west. Large part of wall surface covered with plaster and painting. South presumably set against, or rather in, east.

Section 1) At 0.00-2.31 from north-east reticulate, intersected by one band of six bricks high, and by quoinings.

Section 2) At 2.31 and 3.76 from north-east two vertical joints, space in between (1.45) filled with brick. This is a blocked doorway to room 17, cf. description 17, west. In it, two slit- windows with wide opening onto 17, at 1.38-1.72 above floorlevel. Possibly two sesquipedales served as lintel. Windows 0.19 wide; min. visible depths 0.39 (north window) and 0.28 (south window).

Section 3) At 3.76-c. 5.66 north-east (c. 1.15 from south-east) reticulatum mixtum similar to section 1.

Section 4) At 5.66-6.81 from north-east (1.15-0.00 from south-east) another type of reticulate separated from section 3 by a vertical joint, sequence of walls here not certain. See also continuation of this wall as 24, east.

Masonry:

Section 1) Modulus 0.258-0.265, diam. of tufa blocks av. 0.07. Well levelled courses of brick and tufa. Upper series of reticulate blocks cut into triangles.

Section 2) Modulus 0.25-0.27, bricks 0.025-0.035 wide, mortar beds 0.02-0.025 wide. Tenacious mortar, containing at least black pozzolana.

Section 3) Cf. section 1. Only lower part visible, rest modern restoration.

Section 4) Reticulate with visible quoining five bricks high. Modulus av. 0.28, bricks av. 0.04 wide. Rather thick and occasionally long bricks. Reticulate laid fairly well. Cf. description 24, east.

South Brickfaced concrete, c. 2.03 long. See also 24, north. Wall surface almost entirely covered by plaster and painting. South set between east and west. At 1.64-2.03 brickwork. Modulus in upper part c. 0.29.

At 0.00-1.24 from south-east blocked doorway. At 1.24-1.64 niche, 0.29 deep.

West Brickfaced concrete. Large parts covered with plaster and painting. North and south set against west. Section 1) At 0.00-0.39 from south-west, set back 0.06. Cf. 24, west.

Section 2) At 0.39 and 1.28 m, two vertical joints to the left and right of brick.

Section 3) At 1.28-c. 6.28, brick. At 6.28 vertical joint.

Section 4) At c. 6.28-6.81 from south-west (0.00-0.525 north-west) brick.

Masonry:

Section 1) Covered almost entirely with plaster and painting. Continuation of 24, west. Set against section 2.

Section 2) A 0.89 wide brick pier. Sections 1 and 3 set against it. Modulus 0.24-0.26, av. 0.249. Regular and fresh, mainly yellow bricks. Well sifted mortar containing black and red pozzolana.

Section 3) An almost 5.00 long brick wall, set between sections 2 and 4. Putlogholes adjacent to vertical joints, at 0.45-av. 0.56 and at 0.45-0.57 above floorlevel. Modulus 0.235-0.25, bricks av. 0.03 wide, mortar beds av. 0.025 high. Quite regular and thin, mainly uniform bricks, red and yellow, fresh and well sawn.

Section 4) A 0.525 long wall, continued behind 25, north (0.37 wide), total length thus 0.895. Section 3 set against it.

Altar? in centre of room

Brickfaced masonry, in lower part one course of oblong tufa blocks, marble revetment. Set upon mosaic floor. Modulus 0.29-0.32, bricks av. 0.035 wide, mortar beds 0.022-0.03 high. Rather long and thin mainly red bricks, partly reused. Some modern restorations.

ROOM 26 - meas. 22.05 (incl. 27-28, cf. Gnade 1982, 35) x 2.65.

North Two brick piers. East pier against east wall. Junction of west pier and wall entirely modern. East pier 0.90 wide, 0.60-0.62 deep. Modulus av. 0.235, bricks 0.028-0.036 wide, mortar beds 0.016-0.019 high. Mixed red and yellow, partly reused bricks, most were sawn. Middle grey and well sifted mortar containing red and black pozzolana. West pier 0.90 wide, 0.60-0.65 deep. Mortar not visible.

East Opus reticulatum mixtum intersected by bands six and five bricks high, and quoins. See also 25, east. North, east pier, set against east.

In north part blocked doorway, 1.46 wide, to room 19. Filled-in to min. h. 1.17 with thick red and orange, partly reused bricks. Modulus 0.29-0.314, bricks 0.032-0.04 wide, mortar beds 0.018-0.032 high. In south part doorway, 1.29 wide, to room 18. South jamb restored to max. h. 0.65 in brick, cf. 18, west. Modulus 0.23-0.238, bricks 0.022-0.034 wide. Light mortar containing black and brownish pozzolana.

South Brickfaced concrete. South, west section, and west are an entity. From south-west corner 0.17 and 0.60 wide brick masonry, divided by vertical joint. Situation not clear, masonry similar. Thin, 1.05 long wall set against it, cf. 25, north. Doorway to 25, 0.94 wide.

West Brickfaced concrete, see also 24, west, and 25, west, sections, 1 2 and 4. Junction of north and west entirely modern; south and west are an entity. Wall set back 0.77 in respect to width of rooms 24-25. West is common wall with outer east wall of Cas. di Diana. Modulus 0.27-0.275, bricks 0.03-0.033 wide,

mortar beds 0.026-0.028 high. Rather uniform red and yellow bricks.

Series of putlogholes at c. 1.16-1.34. Near south-west corner a 0.28 wide, vertical drainage channel, filled-in with brick. Two windows in outer east wall of Diana: rectangular window 0.59 high x 0.52 wide, sill at c. 1.47 above floorlevel of corridor; rectangular window 1.03 high x 0.75 wide, sill at c. 3.20 above floorlevel of corridor.

Long and narrow basin, or possibly trough, in brickfaced concrete, 5.00 long x 0.89 wide x c. 0.80 high, set against the wall. Heavily restored. Modulus c. 0.29. Yellow and mainly red reused bricks.

At c. 3.60 from north-west fissure through entire height of wall. North section restored in brick. Series of putlogholes here at c. 1.85-2.015. Modulus 0.235-0.245, bricks 0.03-0.035 wide, mortar beds 0.015-0.02 high. Dirty-white mortar, bad quality and badly sifted, containing black and red pozzolana and lime granules.

ROOM 27 - meas. cf. 26.

North Two brick piers, set against east and west. See also 26, north. Piers 0.90 wide and 0.60 deep. Masonry cf. 26, north-east pier.

East Opus reticulatum mixtum. See also 25 and 26, east. North and south piers set against east.

Doorway to room 20, 1.47 wide, partly blocked and transformed into a window. Against east, thin c. 0.25 wide brick wall, in north-east set against pier, in south-east presumably partly enveloping pier. Masonry, cf. description of blocking in 26, east.

South Two brick piers. Set against east and west. See also 26, north. Heavily restored.

West Brickfaced concrete. South section antique restoration. See also 26, west, north section. North section mainly modern restoration. South and north piers presumably set against west.

ROOM 28 - meas. cf. 26.

North Two brick piers. Set against east and west. They are 0.60 wide and 0.76-0.80 deep, leaving a 1.51 wide doorway to 29, covered by a brick arch sustained by the piers. Junction with 28, west, is modern, presumably modern west wall set behind pier. East pier set against east. Masonry cf. description 29, north and west.

East Opus reticulatum mixtum. See also 25-27, east. North and south piers set against east. Doorway to room 21, 1.47 wide.

South Two brick piers. See also 26-27, north. East pier set against east. West pier and wall almost entirely modern.

West Brickfaced concrete.

At c. 0.55 from south-west irregular fissure, flanked on north and south by restorations, mainly recent. West presumably set behind north pier. Situation in south-west not clear but presumably mainly modern construction.

Slit-window in recently restored masonry, 0.85

high x 0.15 wide, at c. 2.80 above floorlevel of corridor. Series of putlogholes, at c. 1.95-2.15. Large basin, or possibly trough, in brickfaced concrete, 2.36 long x 1.23 wide x 0.80 high, set against the wall. Cf. 26, west.

ROOM 29 - meas. 11.20 x 2.40.

North Brickfaced concrete. North and west are an entity; east set against north. Modulus 0.255-0.26, bricks 0.03-0.038 wide, mortar beds 0.017-0.029 high. Quite uniform yellow and red, partly reused bricks. Two series of putlogholes.

East Brickfaced concrete. East, north section, set against north.

Thin wall enveloping loadbearing wall in opus reticulatum mixtum (visible in upper part), cf. situation in 23, west. Doorway to room 23, 1.50 wide. Doorway to room 22, 1.43 wide. At 1.43 south of doorway to 23, opening of furnace 0.59 wide, placed obliquely in direction south-west / north-east. Corridor covered by barrel vault, now demolished. Birth in south-east corner at c. 2.40.

Against east, south section, thin secondary brick wall. Entity with south-east pier. Modulus 0.23-0.251, bricks 0.025-0.036 wide, mortar beds 0.02-0.023 high. Rather thin, reused, yellow and red bricks laid in badly levelled courses. Rather light and badly sifted mortar, containing red and black pozzolana.

South Two brick piers. See also 28, north. Thin secondary east wall and south pier are an entity. West and south are an entity.

West Brickfaced concrete. Entity with north and south. Masonry, cf. north and south walls.

Caseggiato dei Molini

General catalogue

Jan Theo Bakker

§ 1 INTRODUCTION

The description is modelled after Boersma's catalogue of the Ostian Insula V,II (Boersma 1985; instructions for use: p. 302-303). The description of each room is in this study made up of the following items:

- A. Measurements (north, east, south and west wall respectively).
- B. Walls.
- C. Floor.
- D. Ceiling.
- E. Data from the excavations; structures and objects in and from room.

Wall-sections have been distinguished. Different kinds of masonry (such as latericium, mixtum) are given different numbers, and so is similar masonry if separated by a joint. The masonry on either side of a doorway is given the same number only if a lintel is present. The blocking of a doorway or window is numbered separately. Antique repairs are not given a separate number if they are of a minor order. I have inserted the description of doorways and passages (Boersma's item c) into the description of the wall-sections, because I regard them as an integral part of the walls. Item C deals with the floor (Boersma's item d), item D with the ceiling (in Boersma under b).

Rooms 24 and 25 (the Sacello del Silvano) have been published in Bakker 1994 (chapter 9 and catalogue C). I was able to distinguish seven layers of plaster in the other rooms. The first four are only about one millimetre thick. The fifth is much thicker and has a smooth surface. On it can be found traces of a characteristic dark-red, almost purple paint. The sixth is again thin. The seventh has a very coarse structure and surface, but sometimes a thin, smooth layer is found covering it. Whenever possible I have distinguished thin, (thick and) smooth and (thick and) coarse plaster. Remains of coarse plaster of which no thickness is mentioned could be part of the nucleus of the fifth layer.

Of the finds a short description is offered. Some more information can be found in the *Giornale degli Scavi* and in the literature cited. The finds are presented with the same numbers as those used in the *Giornale degli Scavi*.

In the description the building is assumed to be

oriented north-south/east-west. Via di Diana is to the south. All measurements are in metres. Tops of all walls consolidated. Thickness of walls c. 0.59, unless indicated otherwise.

Abbreviations not found in Boersma 1985 are: st.-r.: store room; sh.: showcase; mus.: museum.

§ 2 DESCRIPTION (March 1986)

2A Outer walls; streets; walls and rooms on streets

OUTER NORTH WALL (= south wall of building 6). L. 23.40.

a Visible l. 8.81, total l. 9.40. Latericium, separated from building 6 by vertical joint. Remains of coarse plaster.

b L. 6.60. Latericium, separated irregularly from c. East end, over l. 0.44 and from h. 0.75 upwards, protruding a little (av. 0.045) into building 6. Remains of coarse plaster.

c L. 4.17. Mixtum, separated from d by partly irregular vertical joint.

d L. 3.23. Latericium.

OUTER EAST WALL. L. 46.38.

Street W. 7.60-7.70.

Pavement of basalt blocks, gently sloping downwards towards the north. Some blocks lying against facade between 1st and 2nd and between 3rd and 4th pier (as indicated on plan in SO I). In front of room 7, 1.95/2.30 from facade, a north-south running stretch of blocks is missing, probably where water-pipe was found.

This find (March 14th 1870) described by Lanciani (Lanciani 1880, 197-198, Tav. X, 4, 5, 7). Lead water-pipe, carrying number XVII, running along east facade (p. 265 nr. 388), connected with pipe under Decumanus (p. 264 nr. 382). Distributing-box in front of room 7, made of eight lead slabs, joined by lead nails. Water-flow into building controlled by metal cock (material not specified). East-west running lead pipe connected with box and entering building, with inscription [A]QUILINES (p. 266 nr. 399; CIL XIV, 1985). According to Finelli pipe was not found below basalt blocks, but within

several layers of rammed earth on top of blocks, believed in 1870 to be pavement of street (GdS 1914, 154-155).

In 1916 Finelli reports find of water-pipe on top of most northern pier set against facade and find of another part in earth a little below (GdS 1916, 97).

According to plan in Lanciani 1880 street in front of rooms 1-12 was excavated in 1870. Afterwards again covered with earth, removed in 1913 (GdS 1913, 112-113, 126, 130-131). In this earth were found in 1913:

7345 Iron. Part of small shovel. L. 0.27.

7346 Iron. Hoop (diam. 0.21) attached to tripod (h. 0.20) by pin.

7347 Iron. Foot of candelabrum (tripod), damaged.

7347 Iron. Nails. L. of longest one 0.235.

7348 Eight bronze coins.

7404 Red marble. Herm, head missing. Presumed total h. 0.073. (see also: Vaglieri 1913(2), 205).

7405 White marble. Fragment of inscription. [---M]ACELL[VM---] | [---D]ECOR[AVIT---]. Meas. 0.145 x 0.12 x 0.023. Dated to years 418-420 AD (see also: Vaglieri 1913(2), 205; CIL XIV S, 4719.b).

7406 Terracotta. Fragment of frieze with depiction of flying amorino and part of palmette. H. 0.14; w. 0.165. (see also: Vaglieri 1913(2), 205, fig. 5).

7407 Ten bronze coins.

- Brick-stamps, all showing traces of fire: CIL XV, 268 (c. 123-126 AD); 5 times CIL XV, 694 (c. 123 AD); CIL XV, 831 (c. 123-128 AD); CIL XV, 1348 (c. 120 AD); CIL XV, 1538 (Hadrianic) and a) [---J]ANDRI | [---]M, b) *LVISELLI* (Vaglieri 1913(1), 184).

“To the east” of the building was found:

9503 White marble. Naked torso of statuette of male figure. H. 0.065 (GdS 1914, 249).

In 1914 western half of Via dei Molini in front of building was cleared. Parts of walls of building were found lying almost directly on top of pavement of street. Several layers of rammed earth found on Via dei Molini, av. h. 2.20, no finds reported (GdS 1914, 155; GdS 1915, 98-99; Calza 1915(1), 249). These layers also encountered on south part of street, max. h. over 3.00 (GdS 1916, 97). More finds from Via dei Molini reported in GdS 1916, 93-102, but unfortunately no distinction made between part in front of building (east part, left unexcavated in 1914) and remainder of street. Presence of drainage-channel under street reported in 1916 (Paribeni 1916, 329).

Outer east wall; walls on street

On outer east wall and on piers set against it were noted traces of red letters on white background (GdS 1913, 131; Vaglieri 1913(2), 204; Calza 1915(1), 245).

a Visible l. 0.28, total l. 1.48. Latericum.

Pier set against a. W. 1.20; th. 1.22. Latericum and two travertine blocks (buffers). Traces of thin plaster.

Passage to room 1. W. 3.13. Travertine threshold of three blocks, worn, surface damaged. South end

missing, third block lying against right jamb. Groove in east part of first and second block, ending in depression (l. 0.75) in north part of second and in third block. Raised edges to the east of depression. Pivot-hole in north-east part of depression, lying against raised edge. Northwest corner of first block forming a socket. Jambs latericum.

b L. 1.48. Latericum. Traces of thin plaster with faint traces of red paint.

c L. 0.90. Latericum. Slight traces of thin plaster with faint traces of red paint.

d L. 1.61. Latericum. Traces of thin plaster.

e L. 0.60. Latericum.

Doorway to room 4. W. 1.72. Complete travertine threshold of three blocks. Middle block broken. Depression (l. 1.27) extending over all three blocks. Raised edges to the north, east and south of depression. Two pivot-holes, in north-east and south-east corner of depression, lying against raised edges. East part of left jamb showing core of wall and slightly curved inwards, remainder and right jamb latericum.

f Visible l. 0.09/0.51, total l. 1.79. Latericum. Traces of thin plaster, two layers, with traces of red paint on first layer.

Pier set against f. W. 1.19; th. 1.19. Latericum. At the bottom, on north, east and south side, a brick plinth (h. 0.10). Traces of thin plaster, two layers, with traces of red paint on first layer. In east side irregular panel of red bricks (not secondary). In this panel terracotta relief (2.35/2.95 from street, 0.28/0.88 from south end, 0.91/0.31 from north end of pier). Central part of relief damaged. Depicted are carpenters' tools: a plummet, two pairs of compasses, a saw, and three elongated objects (inv. nr. 5928; GdS 1913, 131; Vaglieri 1913(2), 204-205, fig. 4; Calza 1915(1), 245; Girri 1956, 10; Floriani Squarciapino 1962(2), 112, fig. 1; Zimmer 1982, 164-165 nr. 87, fig. 87; Ostia neg. nr. B 2104).

g L. 0.59. Latericum. Traces of thin plaster, two layers, with traces of red paint on both layers.

h L. 0.88. Latericum. Traces of thin plaster.

Doorway to room 6. W. 1.48. Travertine threshold of one block. Broken, south end missing. Depression (l. 0.90), the north-east part of which is still deeper. Raised edge to the east of depression, at same level as north part of block. Broken-off pivot-hole in south-east end of depression, lying against raised edge. Left jamb showing core of wall, right jamb latericum.

j L. 0.60. Latericum. Considerable remains of thin plaster, two layers, with remains of red paint on first layer.

k L. 1.48. Latericum. Remains of thin plaster, with remains of red paint. Frame for relief, made of moulded bricks (hidden by tree).

l L. 0.85. Vittatum A. Traces of thin plaster, with faint traces of red paint.

Doorway to room 7. W. 1.32. One travertine block lying against left jamb, resting on foundation of vittatum. Flat surface, 0.48 above floor of room 7.

Left jamb vittatum A, right jamb broken off and restored after excavation.

m L. 1.15. Latericium. Traces of thin plaster, with faint traces of red paint.

n L. 0.86. Vittatum A. Traces of thin plaster, with faint traces of red paint.

o Visible l. 0.13/0.18, total l. 1.52. Latericium. Remains of thin plaster, with faint traces of red paint. Remains of coarse plaster.

Pier set against o. W. 1.21; th. 1.18; preserved h. 3.15 (highest preserved pier). Latericium. Traces of thin plaster, two layers, with traces of red paint on both layers. Remains of coarse plaster.

Vertical channel in p. W. 0.13; d. 0.43. Left side latericium, right side (largely restored after excavation) and back showing core of wall.

p L. 5.30. Latericium. Traces of thin plaster, with traces of red paint. Two windows: see room 8. In north part frame for relief, made of moulded bricks, back showing core of wall (2.13/2.68 from street, 0.34/0.84 from north end of section; h. excl. bricks 0.48; w. excl. bricks: 0.43; d. 0.07).

Doorway to room 9. W. 1.49. Travertine threshold of three blocks. First block lying against left jamb, small part of third block, next to right jamb and perhaps incl. pivot-hole, missing. Groove in east part of all three blocks, ending in depression in north part of third block (dist. from jamb to south end of depression 0.32). Raised edge to the east of depression. Socket in third block, opening onto groove. Jambs latericium.

r L. 1.15. Latericium.

Passage to room 12. W. 2.16. Complete travertine threshold of two blocks. Much worn and damaged. Part of depression in south part of second block, north part of block at higher level. In east part of depression pivot-hole, lying against higher northern part. To south-west of pivot-hole small groove running east-west. Another pivot-hole in higher northern part. Irregular depression in north part of first block. Jambs latericium. Remains of coarse plaster on right jamb, showing traces of fire.

s Visible l. 0.20/0.07, total l. 1.47. Latericium. Traces of thin plaster, two layers, with traces of red paint on both layers. Terracotta relief, framed by moulded bricks (partly modern) (2.43/2.95 from street; 0.48/1.00 from south end and 1.02/0.50 from north end of section; meas. excl. bricks 0.44 x 0.44; d. 0.04). Depicted is a Genius, lower part of body covered by mantle, in left hand *cornucopiae*, in right hand *patera*, to which snake - without crest or beard - stretches out. Because relief is not mentioned at the time of the 1913-1916-excavations Floriani Squarciapino thinks that at the time relief was covered by brick pier standing in front of section (Floriani Squarciapino 1962(2), 112-114, fig. 2). Relief probably found during restorations. See also Bakker 1994, 96-97.

Pier set against s. W. 1.20; th. 1.17. Latericium. Traces of thin plaster, two layers. Traces of coarse

plaster.

Small aperture W. 0.45. Left side latericium, right side broken off and restored after excavation. Remains of coarse plaster (th. 0.025) on left side. One travertine block lying against left side. Flat surface, 0.25 above street.

t L. 2.11. Vittatum A.

v L. 1.75. Latericium. Traces of thin plaster.

w L. 1.47. Latericium. Traces of thin and of coarse plaster.

Passage to room 14. W. 3.71. Complete travertine threshold of five blocks. Groove in east part of first to fourth block, ending in depression (l. 0.62) in fifth block. Raised edges to the east and north of depression. Pivot-hole in north-east corner of depression, lying against raised edges. Northern raised edge interrupted by groove running north-south, directly to the north of pivot-hole. Socket in north end of third block. Jambs latericium. Traces of coarse plaster on left jamb, traces of thin and of coarse plaster on right jamb.

z Visible l. 0.32, total l. 1.45. Latericium, separated from building 6 by vertical joint. Traces of thin plaster.

Pier set against z. W. 1.13; th. 1.18. Latericium. Traces of thin plaster.

Outer west wall of Grandi Horrea; walls and rooms on street

Five latericium piers, opposite those set against outer east wall, set against outer west wall of Grandi Horrea (north part latericium and separated from first pier by vertical joint, rest of wall made of opus quadratum rusticum). Preserved h. of highest pier 3.22. Two rooms set against outer west wall of Grandi Horrea between second and third pier, against west side of third pier.

First pier W. 1.18; th. 0.98 (north side)/1.13 (south side). Latericium. Remains of coarse plaster. At the bottom, on north, west and south side, a brick plinth (h. 0.10).

Second pier W. 1.18; th. 1.16. Latericium. Remains of coarse plaster. At the bottom, on north, west and south side, a brick plinth (h. 0.07).

Third pier W. 1.19; th. 1.26. Latericium. Not precisely opposite pier on west side of street, but a little to the south.

Fourth and fifth pier Latericium. Completely overgrown.

Catillus standing in front of second pier (h. 0.67, diam. 0.73).

Two adjoining rooms Latericium. Walls preserved to a low height and much restored after excavation. Traces of plaster. Meas.:

Outer north wall L. 2.74, starting at 0.95 from second pier.

Outer west wall L. 10.50.

Outer south wall L. up to pier 1.56.

North room 2.18 x 3.88 x 2.14 x 1.65 - 0.45.

Doorway in west wall: w. 1.78.

Floor of irregular pieces of brick. Complete threshold of one travertine block, broken. Depression (l. 1.16), with raised edges on north, west and south side. Pivot-hole in south-west corner of depression, lying against raised edges. Surface (raised edge) 0.60 above street. In south-east corner of room two brick treads, leading to a podium to the south (restored after excavation). W. 1.04. First riser 0.23, first tread 0.26. Second riser 0.23, 0.62 from south wall.

South room 2.14 x 4.87 x 1.25 (pier) - 0.85 x 2.21 - 0.59.

Doorway in west wall: w. 2.07.

Floor of bipedales. Staircase, similar to the one in northern room, in north-east corner and leading to the north indicated on plan in SO I, but not confirmed.

OUTER SOUTH WALL. L. 22.58.

Street W. 5.78.

Pavement of basalt blocks, not reaching facade. Excavated in 1914, no finds reported (GdS 1914, 351-352).

Outer south wall: walls on street

a L. 0.89 - 1.20 - 1.86. Latericum, separated from Cas. di Diana by vertical joint. Slight traces of thin plaster, with faint traces of red paint.

Doorway to room 24. W. 1.67; h. 3.02. Restored foundation (for threshold?), latericum, with one large tufa block on which rests left jamb. Jambs latericum, facing of lower part of right jamb damaged. Spanned by slightly curved lintel arch, made of sesquipedales, modern. Above door lower part of rectangular window, jambs latericum, largely modern. W. 0.80; starting at 4.08 from street.

Passage to room 16. W. 3.06; h. 3.14. Threshold of five blocks, fifth block looking like granite, the others of travertine. Small part at west end missing. Groove in south part of first, second and fourth block. First block has second groove in north part. Surface of third block at same level as bottom of groove, raised edge at south end of this block. Groove ending in depression (l. 0.63) in east half of fourth and in fifth block. Raised edges to the east and south of depression. North part of eastern raised edge interrupted by a groove running east-west. Pivot-hole in south-east corner of depression, lying against raised edges. Resting on foundation of latericum. Surface of threshold 0.52 above street. Jambs latericum. Spanned by a slightly curved lintel arch, modern. Directly above lintel arch lower part of rectangular window, modern. Jambs latericum. On either side of window springing of relieving arch, modern. Frame for relief in east part of section, made of moulded bricks, back showing core of wall. At 2.54/3.04 from street, at 0.70/1.22 from right jamb of passage to room 16, at 1.18/0.66 from east end of section. H. excl. bricks 0.43; w. excl. bricks 0.45; d. 0.09.

Passage to room 15. W. 3.39. One travertine

threshold block lying against left jamb. Broken, partly covered by bar counter. Groove in south part. Resting on foundation of latericum. Surface of block 0.50 above street. Jambs latericum. Traces of plaster on left jamb. Above left jamb springing of lintel arch, modern.

b L. 5.45. Latericum.

Wall set against west part of b and partly in front of passage to room 15, running north-south. Preserved to a low height. Latericum. Possibly two walls as suggested by plan in SO I. Th. of west wall 0.65, th. of east wall 0.60. South end broken off, preserved l. 1.84. Covering 0.38 of b. A corresponding wall (broken off) on south side of street.

Passage to room 1. W. 3.26. One travertine threshold block lying against left jamb. In its southern part beginning of a groove. Jambs latericum.

c Visible l. 0.99/0.21, total l. 1.80. Latericum.

Wall set against east part of c, running north-south. East, south and west side latericum. Th. 0.60; l. 2.23. A corresponding wall, restored after excavation, on south side of street.

OUTER WEST WALL

a L. 6.15. Latericum, separated from Cas. di Diana by vertical joint.

Outer west wall of rooms 29 (south), 25 and 24 set against outer east wall of Cas. di Diana. Outer west wall of rooms 28, 27 and 26 forming part of Cas. di Diana (latericum).

2B Rooms 1-29

ROOM 1

A. 4.46 x 4.30 x 4.56 x 4.50; area c. 20 m².

B. North, passage to room 3. W. 3.62. One travertine block lying against left jamb, flat surface. Jambs latericum.

a L. 0.84. Latericum.

East, a L. 0.30. Latericum.

b L. 0.87. Latericum. Remains of coarse plaster.

South, a L. 1.15. Latericum. Remains of coarse plaster, forming an entity with those on east, b.

b L. 0.15. Latericum.

West, a L. 1.85. Preserved to a very low height and completely overgrown. Latericum.

Passage to room 2. Present w. 2.55. Left jamb latericum, right jamb missing.

b Broken off, preserved l. 0.10. Wall with vertical joint shown on plans in Calza 1915(1) and SO I not confirmed. Latericum.

C. A few basalt blocks shown on plan in Lanciani 1880. C. 0.30 above level of room 3, that seems to have the average floor-level of the east part of the building.

D. No data available.

E. Excavated in 1870. Re-excavated in 1913-1914, when traces of fire were seen along east wall of rooms 1 and/or 3. In this layer resulting from fire were found (GdS 1915, 173; descriptions GdS,

December 1913 and January-February 1914 not clear):

- Marble inscription, damaged by fire.
- A few fragments of iron and bronze objects.

ROOM 2

- A. 3.55 x 4.50 x 3.53 x 4.45; area c. 16 m².
 B. North, a L. 0.49. Latericum. Remains of plaster.
Small aperture W. 0.31. Left side latericum, with remains of plaster, right side showing core of wall.
b L. 2.75. Mixtum. Traces of plaster.
East, a Preserved l. 0.10, broken off at south end. Latericum.
b L. 1.85. Latericum.
South, a L. 3.53. Latericum. Remains of plaster.
West, a L. 4.45. Mixtum. Remains of plaster.
 C. No data available.
 D. One beamhole, modern, in south part of west wall, at a higher level than those in room 15, east.
 E. Excavated in 1913-1914. No finds reported.

ROOM 3

- A. 8.90 x 3.21 x 8.93 x 3.19; area c. 28.5 m².
 B. North, a L. 2.13 Latericum. In lower west part a semicircular relieving arch, made of sesquipedales. Starting from floor, left end incorporated in west wall.
 H. to extrados 0.90.
Doorway to room 5. W. 1.21. Part of brick foundation of threshold lying against right jamb. Jambs latericum.
b L. 5.56. Latericum.
East, a L. 0.17. Latericum. Traces of thin plaster.
b L. 1.56, th. 0.49. Vittatum B.
c L. 0.89. Latericum. Traces of thin plaster.
d L. 0.59. Latericum. Slight traces of thin plaster.
South, a L. 0.84. Latericum.
b L. 3.25. Mixtum.
c L. 0.91. Latericum, not clear whether forming entity with west, a.
West, a L. 1.37. Latericum.
Passage to room 17. W. up to north, a 1.82. Left jamb latericum, springing of slightly curved lintel arch of sesquipedales, above it. Lower part of passage filled in by:
b H. 0.96 (antique masonry)/1.07 (incl. restoration). Latericum, with one row of small, tufa blocks, forming entity with north, a. C. No data available.
 D. No data available.
 E. Excavated in 1870, re-excavated in 1913-1914. In the south-east corner a millstone was found, according to a plan in Calza 1914(2) (fig. 1 on p. 245). Other finds: see room 1. In this room are lying two rectangular, travertine blocks (parts of thresholds?), and one irregularly shaped, travertine block.

ROOMS 4-5

- A. 9.46 x 1.72 x 9.49 (up to facade) x 1.53; area c. 15.5 m².
 B. North, a L. 0.60 - 7.40 (up to facade). Mixtum. To

the east of doorway band of facing missing, sloping downwards towards the east, showing where concrete vault below staircase was attached. Row of 13 round holes above, following the slope. Approached from Via dei Molini. Treads and risers disappeared. Av. diam. of holes 0.17. Av. dist. between holes (from centre to centre) 0.40. Av. dist. between holes (centre) and top of band of missing facing 0.50 (meas. perpendicular to floor). First hole (centre) at 0.70 from threshold and 0.40 from floor. Av. w. of band of missing facing 0.45. Top of band starting at 1.50 from threshold and 0.70 from floor. Top of band at 1.85, 2.80 and 3.35 (highest preserved point) from floor at resp. 3.00, 4.30 and 5.15 from threshold. Many holes and some grooves below band.

Doorway to room 6. W. 1.46, h. 2.05. Left jamb covered by b, right jamb latericum. Spanned by a slightly curved lintel arch of sesquipedales.

b L. 0.68. Vittatum B. East side showing core of wall.
South, a L. 5.54. Latericum, separated from facade by vertical joint. East part preserved to low height.
b L. 2.15. Latericum, forming an entity with west, a. In lower west part a semicircular, relieving arch of sesquipedales, starting from floor, right end incorporated in west wall.

West, passage to room 17. W. up to south, a 0.18. Right jamb latericum. Springing of lintel arch above, modern. Lower part of passage filled in, by west, a.

a L. 0.18. Latericum.

b L. 1.35. Latericum.

C. No data available.

D. Two beamholes in west part of north, a, passing through the wall: 3.40/3.76 and 3.34/3.70 from floor.

E. Excavated in 1870, re-excavated in 1914.

ROOM 6

A. 8.93 x 5.31 x 8.87 x 5.22; area c. 47 m².

B. North, a L. 0.63 (not visible) - 6.82. Mixtum.

Doorway to room 7. W. 1.40; h. 2.12. Part of brick foundation of threshold. Jambs latericum, right jamb restored after excavation. Spanned by a slightly curved lintel arch of sesquipedales.

Three piers, latericum, set against a. All with traces of thin plaster. First pier. W. 0.93; th. 0.75, partly covering doorway, north side showing core of wall. Second pier. W. 1.37; th. 0.80. Third pier. W. 0.91; th. 0.81. Springings of two arches spanning the piers, th. c. two-thirds of that of the piers, preserved on first and second pier. Springings at 3.48.

East, a Not visible.

b Visible l. 0.32. Latericum.

c L. 0.85. Latericum, lower part vittatum (partly modern). Traces of thin and of coarse plaster.

d L. 0.59. Latericum. Traces of thin plaster.

e L. 1.26. Latericum. Considerable remains of coarse plaster (th. 0.04) on lower south part.

South, a L. 6.81 - 0.60. Mixtum. Traces of thin plaster. Considerable remains of coarse plaster (th. 0.035) on lower east part, forming an entity with those on east, e.

b L. 0.75. Latericium.

West, a L. 1.48 - 1.48. Latericium. Upper part (above passage) mixtum, restored after excavation. Remains of coarse plaster.

Passage to room 18. W. 2.26; h. 3.42. Spanned by a slightly curved lintel arch, modern. Completely filled in by b.

b Lower part mixtum, upper part modern rubble masonry.

C. No data available.

D. Beamholes in south wall: see rooms 4-5. Four beamholes in north, a, passing through the wall: 3.50/3.75, 3.38/3.62 (filled in), 3.37/3.63 (filled in) and 3.36/3.60 from floor.

E. Excavated in 1870, re-excavated in 1914. Basin in south-east corner. West wall missing. North wall latericium with some small tufa blocks, broken off at west end. Preserved h. of antique masonry c. 0.20; th. 0.40; preserved l. 1.85. Inner basin indicated on plan in Calza 1915(1), not confirmed (a few damaged bricks in south, e might be related). See also Scrinari - Ricciardi 1996, II, 21: h. of hydraulic mortar c. 0.80, possibly original height of basin; secondary hole for lead pipe in east part of south wall. Pier set against south wall indicated on plan in SO I, not confirmed. Part of a *meta* in room.

ROOM 7

A. 8.90 x 5.18 x 8.99 x 5.23; area c. 46.5 m².

B. North, a L. 6.81 - 0.59. Mixtum. Part west of doorway preserved to a very low height, but place of attachment to west wall visible (vertical band of missing facing).

Doorway to room 8. H. 2.05. Left jamb largely missing, lower part forming entity with b to h. 0.44 from floor. Right jamb starting at h. 0.10 from floor. Spanned by a slightly curved lintel arch of sesquipedales. Completely filled in by b.

b L. 1.50. Latericium.

East, a L. 0.49. Latericium. Traces of thin plaster. Vertical crack, not reaching floor.

b L. 2.05. Vittatum A. Heavily restored, probably due to find of water-pipe (see outer east wall, street). Vertical crack at 0.86 from a. Part to the north sagged and having traces of thin plaster, with faint traces of red paint.

c Visible l. 0.59. Vittatum A. Traces of thin plaster, with faint traces of red paint. Traces of coarse plaster.

d Not visible.

South, a L. 6.89 - 0.62. Mixtum. Traces of thin plaster, with slight traces of red paint.

Three piers, latericium, set against a. All with traces of thin plaster. First pier. W. 0.90; th. 0.73. Second pier. W. 1.31; th. 0.76. Third pier. W. 0.94; th. 0.75, partly covering doorway, south side showing core of wall. Springings of two arches spanning the piers, th. c. two-thirds of that of the piers, preserved on second and third pier. Springings at 3.38 from floor.

West, a L. 1.50 - 1.48. Latericium. Upper part (above passage) mixtum, restored after excavation. Some

vittatum A in lower northern part. Traces of plaster.

Passage to room 19. W. 2.25; h. 2.97 (from raised edge of threshold). Complete threshold of three blocks, first and third one of travertine, middle one of basalt. Raised edge at west end of all blocks, surface of raised edge 0.33 above floor of room. Two pivot-holes, in south part of first and in north part of third block, lying against raised edge. Two sockets, in north part of first and in south part of third block. Jambs latericium. Spanned by a slightly curved lintel arch, modern.

C. Basalt blocks, some of them with the imprint of hoofs.

D. Beamholes in south wall: see room 6.

E. Excavated in 1870. Plan in Lanciani 1880 shows basalt blocks in east part only. Plan in Paschetto 1912 shows only west part. Finelli found one-fifth excavated (GdS 1914, 154-156). In 1914 were found in this room:

9203 Terracotta. Fragment of frieze, showing lower part of figure going to the left, wearing long mantle, with bare feet. Meas. 0.093 x 0.093; preserved h. of figure 0.065.

9204 White marble. Fragment of inscription, rather irregular letters. H. of first line 0.028, of second line 0.122. Meas. 0.17 x 0.18 x 0.03. [---]VER/[---] | [---]JR C[---].

9205 Iron. Key. L. 0.33.

9206 Iron. Block. H. 0.10; w. x th. of lower part 0.52 x 0.52; w. x th. of upper part 0.78 x 0.78.

9207 Iron. Hatchet. L. 0.24.

9208 Iron. Sword, with part of iron scabbard. Preserved l. 0.48; av. th. 0.027.

9209 Iron. Two rings with projections, perhaps part of railings (trellis-work). Diam. 0.10 x 0.035.

9210 Iron. Handle and fragment of vessel. L. of handle 0.25, th. 0.03; l. of fragment 0.05.

9211 Iron. Roasting-spit or other utensil for fire. Preserved l. 0.24.

9212 Iron. Two nails. L. a little over 0.13 and a little over 0.30.

Rectangular tufa block lying against east part of north wall. Upper part of *meta* with large, square hole in the top lying in north-east corner.

ROOM 8

A. 8.96 x 5.37 x 8.89 x 5.33; area c. 47.5 m².

B. North, a L. 0.59 - 6.53. Mixtum, separated from c by crack. Traces of thin and of coarse plaster.

Doorway to room 9. W. 1.49; h. 2.25. Spanned by a slightly curved lintel arch of sesquipedales. Completely filled in by b.

Window looking out on room 11. At 2.25/2.60 from floor, 3.13/3.45 from west wall. Lower part rectangular, upper part curved. Plaster on the inside. Passing diagonally through wall, from south-east to north-west.

b Irregular mixtum. Traces of thin plaster.

c Av. l. 0.35. Latericium. Remains of coarse plaster.

East, a L. 4.88. Latericium. Traces of thin plaster.

Traces of coarse plaster, forming an entity with those on north, a.

Lower part of two rectangular windows. At 1.45 from brick plinth, 1.23/2.21 and 3.12/3.86 from north wall. Sills modern, jambs latericium.

b L. 0.49. Latericium. Traces of thin plaster.

South, a L. 0.61 - 6.78. Mixtum.

a. Traces of thin plaster. Doorway to room 7 on this side starting from floor. Completely filled in by b.

b Latericium. Traces of thin plaster.

West, a L. 1.49 - 1.50. Latericium. Upper part (above passage) mixtum, restored after excavation.

Passage to room 20. W. 2.34; h. 3.10. Jambs latericium, both with traces of thin plaster. Spanned by a slightly curved lintel arch, modern.

C. No data available.

D. Three beamholes in north, a, passing through the wall: 3.50/3.68, 3.57/3.77 and 3.63/3.89 (filled in) from floor.

E. Excavated in 1870. Plan in Paschetto shows only west part excavated. Re-excavated in 1914. Part of staircase, pier set against east part of north, a, structure set against left jamb of passage in west wall, and threshold block in this passage indicated on plan in SO I, not confirmed.

ROOMS 9-10

A. 5.33 (up to facade) x 1.49 x 5.35 x 1.49; area c. 8 m².

B. North, a L. 0.40 - 3.47. Latericium. Slight traces of thin plaster. To the east of doorway band of facing missing, sloping downwards towards the east, showing where concrete vault below staircase was attached (cf. rooms 4-5, north; there however a concave space is visible, here the space is filled with mortar, tufa blocks and bricks). Row of 13 square holes directly above band, following the slope. Approached from Via dei Molini. Treads and risers disappeared. Av. meas. of holes 0.08 x 0.08. Av. dist. between centre of holes 0.35. Centre of first hole at 1.14 from threshold and c. 0.50 from floor. Av. w. of band of missing facing 0.20. Top of band starting at 1.14 from threshold and 0.47 from floor. Top of band at 1.25, 2.15 and 3.30 from floor at resp. 2.09, 3.24 and 4.59 from threshold.

Doorway to room 12. W. 0.87; reconstructed h. 1.90 (flat, wooden lintel, modern), h. to relieving arch of bipedales 2.10. Jambs latericium.

South, a Av. l. 0.90 (up to facade). Latericium, separated from b by crack.

b L. 4.45. Mixtum. Traces of mortar, sloping downwards towards the east and corresponding with missing facing of north wall. Row of 13 square holes above, following the slope. These holes are in the lower left corner of larger square holes, that are filled with mortar, small tufa blocks and pieces of bricks.

West, a L. 1.49. Latericium.

C. Height indicated by brick plinth in east part of north, a, between threshold and missing facing (0.27 above floor, 0.24 above threshold).

D. One beamhole in south wall: see room 8.

E. Rooms 9-12 excavated in 1870. Plan in Paschetto 1912 shows only west part of rooms 11 and 12 excavated. Re-excavation of room 12 started in 1914 (GdS 1914, 248), re-excavation of 9-12 was completed in 1915 (GdS 1915, 88-90).

ROOM 11

A. 3.65 x 2.08 x 3.68 x 1.47; area c. 5.5 m².

B. North, a L. 0.58. Latericium. Considerable remains of smooth plaster (th. 0.02). A dark-red vertical band (w. 0.02) follows the vertical joint separating north and west.

Passage to room 12. W. 3.07; h. 2.98. Jambs latericium, th. of left jamb 0.82. Spanned by a semicircular arch of bipedales. Considerable remains of smooth plaster (th. 0.02) on left jamb, forming an entity with those described above. Remains of dark-red paint. Traces of superimposed, thin plaster.

b (= end of wall on north side of left jamb of passage to 12) Preserved l. 0.15. Latericium. East end broken off and showing core of wall. On south side considerable remains of smooth plaster (th. 0.02), against which is set left jamb and plaster on it. Bell-shaped object visible, the outline grey-brown, the inside red with some white. Below it a few small objects, red and grey-brown. Slight traces of a superimposed, thin layer, with traces of dark-red paint.

East, a L. 2.08. Latericium.

South, a L. 1.60 - 0.61. Mixtum. Doorway to room 8 completely filled in by b.

b Mixtum.

West, a L. 1.47. Latericium. Separated from north, a by vertical joint, while the upper part is protruding a little to the south, as indicated on plan in Calza 1915(1). Springing (modern) of lintel arch, originally spanning passage 11-12/21, visible.

Extensive remains of plaster on south and west wall. Four superimposed layers of thin plaster, the second one with traces of red and yellow paint (on south, b a segment of three vertical bands is preserved, first one red (w. 0.02), second one yellow and touching first one (w. 0.015), third one red (w. 0.01) and separated from second one by narrow band left white (w. 3 mm.)). Superimposed on fourth layer remains of smooth plaster (th. 0.02) with traces of red and dark-red paint. On east part of south, a horizontal red band (w. 0.023). From this band a vertical band starts downwards (w. 0.013). Directly above horizontal red band a horizontal band of stucco: 1.85/1.93 from floor; preserved l. 0.37; preserved th. 8 mm. This stucco superimposed on dark-red band on smooth plaster. On bottom of stucco band traces of red paint, forming an entity with the horizontal red band below.

C. No data available.

D. Two beamholes in south wall: see room 8.

E. See rooms 9-10. Finelli mentions traces of plaster and stucco (GdS 1915, 89). In room are lying two

travertine threshold blocks with groove, one travertine block (part of threshold?) and many basalt pavement blocks.

ROOM 12

A. 8.90 x. 3.20 x 9.52 (incl. jamb of passage to room 21) x 2.67; area c. 28 m².

B. North, a L. c. 0.30 (upper part of wall). Latericum, separated from b by crack, that does not reach floor.

b L. 5.92 - 1.48. Mixtum. Traces of thin plaster.

Doorway to room 13. W. 1.50; h. 2.19. Jambs latericum, one rectangular bolt-hole in each jamb. Spanned by a slightly curved lintel arch of sesquipedales. On upper part of left jamb and on bottom of lintel arch remains of plaster (th. 0.02), with traces of dark-red paint.

East, a L. 0.51. Latericum. Traces of thin plaster.

b L. 0.53. Latericum.

South, a L. 3.45 - 0.95. Latericum. West end, next to passage to room 11, showing core of wall over 1.0.30.

b L. 1.33, th. 0.30. Latericum.

West, passage to room 21. W. 1.20. Jambs latericum. Above jambs springings of a slightly curved lintel arch, modern.

a L. 1.47. Latericum.

C. No data available.

D. Three beamholes in north, a, passing through the wall: 3.56/3.82, 3.55/3.80 and 3.63/3.84 from floor.

E. See rooms 9-10. In this room were found (GdS 1915, 88):

- Iron. Several bars. L. 0.50 to 0.70; diam. c. 0.16.

- Bronze. Several fragments of vessels.

9684 Bronze. Key. L. 0.035.

9685 Bronze. Ring, with a key attached to it. Diam. 0.02.

9685 Bronze. Ring.

Two basalt pavement blocks lying in north-east corner of room.

ROOM 13

A. 9.01 x 5.25 x 8.95 x 5.36; area c. 47.5 m².

B. North, a L. 6.83. Mixtum. Central part preserved to very low height. Plan in Calza 1915(1) shows west part rebuilt, including filled-in doorway. Not confirmed, place of jambs suggested by two lines in modern cement on top of wall. Lower part of west part thicker (largely modern). H. 0.45; preserved l. 1.43; th. 0.14. Latericum, with one row of small tufa stones, forming an entity with north wall. East end broken off. Plan in Calza 1915(1) shows thicker part along western two-thirds of north wall.

Doorway to room 14. W. 1.48. Springing of lintel arch, modern, above right jamb. Left jamb largely missing (south side of left jamb: lower part latericum, upper part reticulatum). Completely filled in by b.

b Latericum.

c L. 0.70. Latericum.

East, a L. 0.48. Latericum. Traces of plaster.

b L. 1.78. Latericum. Traces of plaster.

c L. 2.10. Vittatum A (upper part modern vittatum B).

d L. 0.44. Latericum. Considerable remains of plaster. Smooth plaster (th. 0.025) with traces of red and dark-red paint. A vertical dark-red band (w. 0.03) follows north end of section. Another vertical dark-red band follows the corner of south, a and east, d. Over a h. of 0.20 segments of six horizontal red and dark-red bands (w. 0.01) visible. Traces of a superimposed, thin layer with a vertical dark-red band following the corner of south, a and east, d. Remains of superimposed, coarse plaster.

South, a L. 1.50 - 5.65. Mixtum, separated from b by crack, that does not reach floor. Traces of thin plaster. Remains of smooth plaster (th. 0.025) with traces of dark-red paint, forming an entity with those on east, d. Traces of superimposed, coarse plaster.

b L. c. 0.30 (upper part of wall). Latericum. In lower part some vittatum A.

West, a L. 1.62 - 1.63. Latericum. Traces of thin plaster. Lower part of wall north of passage thicker. Preserved h. of antique masonry 0.70; th. 0.10. Latericum, forming entity with west wall.

Passage to room 22. W. incl. b 2.11; h. 3.14. Left jamb completely covered by b. Right jamb latericum over h. of thicker part of west wall, above showing core of wall. Spanned by a slightly curved lintel arch of sesquipedales. Secondary masonry covering right jamb shown on plans in Calza 1915(1) and SO I, not confirmed.

b L. 0.53. Vittatum B (north side as well). Traces of thin plaster on east and north side, with faint traces of red paint on east side.

C.. Floor of bipedales shown on plan in Calza 1915(1). Present level below that related to thresholds. Remains of a brick and tufa wall running north-south (starting at 0.12 from door in east wall, th. 0.45). Floor of irregular pieces of brick. Small part of floor related to thresholds preserved: black-and-white mosaic with a geometrical motif, as reported by Finelli (GdS 1915, 90).

D. Beamholes in south wall: see room 12.

E. At least western three-quarters excavated in 1870. Plan in Paschetto 1912 shows only west end excavated. Re-excavated in 1915 (GdS 1915, 90-91). In 1915 were found in this room:

9686 White marble. Sleeping amorino, holding two poppies in right hand. Ornament or lid. H. 0.13.

9687 White marble. Upper part of amorino. On left shoulder hand belonging to other, larger figure. Preserved h. 0.055.

ROOM 14

A. 8.60 x 5.02 x 8.65 x 5.15; area c. 44 m².

B. North, a L. 8.60. Latericum. Facing damaged in many places. Traces of thin plaster. Rectangular window at c. 4.80/5.35 from west wall, 2.52/3.27 from floor. Jambs latericum, brick lintel. Lower part of three rectangular niches or vertical channels

(modern) starting at av. h. 3.25 from floor. Middle one above window. W. c. 0.15; d. c. 0.20.

East, a L. 0.89. Latericium. Traces of thin plaster.

b L. 0.42. Latericium. Traces of thin and of coarse plaster.

South, a L. 0.66. Latericium. Traces of thin and of coarse plaster.

Doorway to room 13 completely filled in by b.

b Latericium. Traces of thin plaster.

c L. 6.52. Latericium. Preservation: see room 13, north, a. Traces of thin plaster.

West, a L. 5.15. Vittatum A. Almost completely modern, north end antique. Traces of thin plaster.

C. Not preserved. Finelli mentions find of pavement related to oven, on top of which west wall was set (GdS 1916, 93). Brick pavement uncovered in back part in 1996.

D. No data available.

E. Excavated in 1915-1916 (GdS 1915, 98-101; 1916, 93-94, 96; see also Calza 1915(1), 244). Traces of fire were seen. Room once contained an oven (part was uncovered in 1996 in room 23, now completely modern), that was later largely removed. In this room were found (bronze, unless indicated otherwise):

9730 Bust of winged child. H. 0.105.

9731 Foot of bed, lower part rectangular, upper part round. H. 0.052; w. 0.077 x 0.042.

9732 U-shaped sheet, possibly decoration for leg of chair or bed. Incised decoration, that probably had silver inlay.

9732 U-shaped sheet, possibly decoration for leg of chair or bed. Incised decoration imitating an opus quadratum-wall. Meas. 0.08 x 0.038.

9733 Bell with iron clapper. H. 0.027; diam. 0.043.

9733 Fragments of vessels and fragments of foot of candelabrum.

9734 Iron. Two bars. L. 0.83.

9735 Bat (the mammal). Part of vessel. H. 0.046.

9736 Two coins.

9737 Lead. *Tessera*, on one side male figure, on the other quadruped.

- Rectangular feet, narrowing towards the top. In the top of each one a round hole. Belonging to furniture.

- Fragments of round feet. In the top of each one a round hole.

- Fragments of revetment of furniture. Incised decoration with slight traces of silver inlay.

10674 Round piece of revetment of furniture, open work. Diam. a little over 0.105.

In the north-east corner of the room are lying a fragment of a *catillus* and a large damaged object of Luna marble, looking like some sort of capital.

ROOM 15

A. 4.86 x 4.56 x 4.83 x 4.62; area c. 22 m².

B. North, a L. 4.86. Mixtum. Horizontal band of facing missing in east part, starting from east wall: 1.20/1.37 from floor; l. 1.03. Traces of thin plaster with traces of red paint.

East, a Visible l. 3.95. Mixtum. Traces of thin plaster

with traces of red paint. Latericium pier set against south end of a: w. 0.61; th. 0.64. Finelli reports that h. of pier is 3.48 after adding parts fallen to the ground, and that pier is thus 0.30 higher than ceiling (GdS 1915, 92).

South, a Visible l. 0.11. Latericium.

b L. 0.69. Latericium.

West, a L. 1.75 - 2.10. Latericium. Traces of thin plaster with traces of red paint. Considerable remains of coarse plaster (th. 0.03), partly covered by a thin, smooth layer.

Doorway? to room 16. W. 0.77, h. c. 1.70. Hacked out. Completely filled in by b and bar-counter.

b Rubble masonry (lower part). Shallow niche in lower part: h. 0.84; w. 0.31. Upper part covered by coarse plaster (th. 0.03).

C. Bipedales. Floor-level c. 0.65 above that of room 1.

D. Two beamholes in east, a, not passing through the wall: 2.74/3.00 and 2.60/2.87 from floor (at same height, difference in height due to uneven floor-level). Three beamholes in west, a, passing through the wall. At same height, only one measurable: 2.75/2.97 from floor.

E. Excavated in 1915 (GdS 1915, 91-98). Bar-counter in south-west corner, described by Hermansen (Hermansen 1982, 127-128, figs. 48-50). Largely modern. Latericium with two rows of small tufa blocks. East part of counter added later according to Hermansen, but no joint found. North end of west part (l. c. 0.76) and perhaps remainder set into west wall. Finelli found remains of marble revetment of basins in counter. Against east wall base of staircase. H. 0.28; north-south 1.30; east-west 1.04. Starting at 0.73 from north wall. Modern. Five latericium treads found by Finelli, now disappeared. Behind staircase, in north-east corner, Finelli reports traces of fire in room. "Almost all" of the following objects were found in a layer resulting from fire, h. from floor 1.00 to 1.50 (bronze unless indicated otherwise):

9688 Lamp. Shape CIL XV, 11. Preserved l. 0.145.

9689 Lamp. Shape almost CIL XV, 6. L. 0.125.

9690 Lamp. Preserved l. 0.128.

These three lamps, together with nr. 9938 (see room 17), mentioned in Calza 1915(1) (252 and fig. 10; see also Calza - Floriani Squarciapino 1962, 93). I located three of them: nr. 4203, st.-r. VIII, sh. 4; nr. 4205bis, id.; nr. 4202, museum, sh. 6. The fourth one is nr. 4201.

9691 Rectangular base of statuette or other object. H. 0.035; w. 0.275 x 0.21. Calza regards it as a basin (Calza 1915(1), 253 and fig. 15), but Finelli's interpretation is right: on one end the imprint of a foot (0.095 x 0.055) is visible (a parallel from Pompeii: Dwyer 1982, Pl. L, fig. 203). St.-r. VIII, sh. 4, nr. 3631.

9692 Biconical vessel. H. 0.075.

9693 *Oinochoe* H. 0.145.

9694 Globular *unguentarium*. On the shoulder two small hooks, in each of which the beginning of a

chainlet has been preserved. H. 0.075.
 These three vessels mentioned in Calza 1915(1) (252 and fig. 11). I could not locate the first two, the *unguentarium* is nr. 3575, st.-r. VIII, sh. 4 (see also Calza - Floriani Squarciarapino 1962, 94 and Calza 1915(2), 169 and fig. 42, 7).
 9695 Cylindrical, hermetically shut vessel. H. 0.06 (see also Calza 1915(1), 253).
 9696 Bust of young Negro, revetment for furniture. H. 0.098 (see also Calza 1915(1), 255, 257 and fig. 20; Calza 1915(2), 166-169 and fig. 41; Calza - Floriani Squarciarapino 1962, 102; Helbig 1972, nr. 3169, 1 (dated to second century). St.-r. VIII, sh. 5, nr. 3558).
 9697 Key. L. 0.04.
 9698 *Strigilis*. Preserved l. 0.255.
 9699 Bell-shaped foot of candelabrum or other piece of furniture. Preserved h. 0.094 (see also Calza 1915(1), 252).
 9700 Handle of vessel, one end ending in female head. H. 0.121 (see also Calza 1915(1), 252 and fig. 9; Calza 1915(2), 169 and fig. 42, 5). Nr. 3604, stolen in 1959.
 9701 Two fragments of sheets, revetment for furniture, both with incised decoration, that probably had silver inlay. Meas. of one of the fragments 0.15 x 0.04; th. 2 mm.
 9702 Part of handle of vessel. Preserved h. 0.102.
 9703 Part of handle of vessel. Preserved h. 0.13.
 9704 Snake with crest. H. 0.06; w. 0.08 (see also Calza 1915(1), 252 and fig. 9; Calza 1915(2), 169 and fig. 42, 3; Calza - Floriani Squarciarapino 1962, 96). St.-r. VIII, sh. 5, nr. 3567.
 9705 Three parts of vertical bar of candelabrum. L. 0.275; diam. 0.022. L. 0.152; diam. 0.015. L. 0.15; diam. 0.013.
 9706 Three parts of vertical bar of candelabrum, perhaps belonging to 9705. L. 0.155; diam. 0.016. L. 0.08; diam. 0.016. L. 0.10; diam. 0.016.
 9707 Handle of vessel. L. 0.057.
 9708 Bell-shaped foot. H. 0.085.
 9709 Part of handle of vessel. Preserved h. 0.165.
 9710 Part of handle of vessel. Preserved l. 0.115.
 9711 Handle of vessel. L. 0.10.
 9712 Pipe. Diam. 0.052.
 9712 Damaged vessel.
 9712 Handle of vessel, one end ending in ram's head.
 9712 Handles, nails, revetment, fragments of vessels, dowels for the attachment of marble plates.
 9713 Twelve coins.
 9714 Iron. Shovel. Preserved l. 0.335.
 9715 Iron. Hatchet. Preserved l. 0.245.
 9716 Terracotta. Two vessels. H. 0.095 and 0.09.
 9717 Not entered.
 9718 Terracotta. Lamp. Shape CIL XV, 25.
 9719 Terracotta. Lamp. Shape CIL XV, 28. On the top a dolphin. L. 0.095.
 9720 Terracotta. Lamp. Shape CIL XV, 28. On the top Diana with bow and dog. L. 0.085.
 9721 Brick-stamp CIL XV, 496 (123-124 AD).

9722 Not entered.
 9723 Leaf, ornament. H. 0.085.
 9724 Fork with two teeth, made of a sheet. Preserved l. 0.04.
 9725 Bone. Needle. Preserved l. 0.102.
 9725 Bone. Three hair-pins.
 9725 Glass. Fragments of several vessels, severely damaged by fire.
 9725 Parts of burnt beams.
 9725 An *amphora* and fragments of *amphorae*.
 9725 Many fragments of marble plates.
 9725 White marble. Statue of Venus, incomplete, with shield, helmet and cuirass lying on the ground. Total h. 0.585; h. of plinth 0.055 (see also Calza 1915(1), 250, 257-258 and figs. 22a-b).
 Finelli found part of drainage channel, running east-west, but passing under north wall and running in the direction of room 2. Related by Finelli to latrine behind staircase. The latrine was uncovered in 1996: very deep square hole, 0.15 x 0.15, sides of bricks; around the hole bricks, to the west a bipedalis, sloping downwards towards the east; hole 0.32 from north wall, 0.20 from east wall, 0.25 from podium of staircase. A few years ago remains of a latericum basin against the north wall with opus signinum on the inside were excavated. Starting at 0.90 from east wall, th. of walls 0.24, inside meas. north-south 1.45, east-west 1.62. See also Scrinari - Ricciardi 1996, II, 21-22.

ROOM 16

A. 4.50 x 4.62 x 4.37 x 4.64; area c. 20.5 m².
 B. North, a L. 4.50. Mixtum. Band of missing facing in east part, starting from east wall: 0.90/1.06 from floor; l. 1.03. Traces of thin plaster with traces of red paint.
East, a L. 2.10 - 1.81. Mixtum. Traces of thin plaster with traces of red paint. Considerable remains of coarse plaster (th. 0.025), partly covered by a thin, smooth layer.
 Doorway? to room 15. W. for the most part 0.71; max. w. 0.93; h. 1.90. Hacked out. Completely filled in by b.
b Rubble masonry. Largely covered by coarse plaster (th. 0.025).
South, a L. 0.64 - 0.67. Latericum. Traces of thin plaster with traces of red paint.
 Passage from street. Top of threshold 0.04 above floor of room.
West, a L. 0.58 - 2.87. Mixtum. Crack at 0.11/0.20 from south wall. Traces of thin plaster with traces of red paint. Remains of coarse plaster (th. 0.02), covered by a thin, smooth layer.
 Doorway to room 24. W. 1.19; h. 1.81. Spanned by a slightly curved lintel arch of sesquipedales. Completely filled in by b.
b Latericum, with some tufa blocks. For the most part covered by coarse plaster (th. 0.03), but part of a slightly irregular vertical joint visible in upper left part.

C. Floor-level at same height as that of room 15. South part covered by bipedales, in south-east part a block looking like granite used for pavement.

D. Three beamholes in east, a: see room 15. Two beamholes in west, a, passing through the wall: 2.46/2.72 (visible in room 24); 2.76/3.00 (visible in room 25). A third beamhole (visible in room 24) in between, filled in very neatly on this side. Beamholes at same height, difference due to uneven floor-level.

E. Excavated in 1915? I did not find the excavation report of this room. Finelli reports traces of fire in room (GdS 1915, 92). Bar-structures described by Hermansen (Hermansen 1982, 129-130, figs. 51-52). Modern vittatum A. Remains of coarse plaster (th. 0.025) on low wall (th. 0.33) set against east, b. Some finds, mentioned by Calza, I could not trace in the excavation-report. They may come from room 16, which is mentioned by Calza as a room where objects were found (bronze unless indicated otherwise):

- Disc with horse's head and five holes for the attachment. Diam. 0.05 (Calza 1915(1), 252 and fig. 12a; cf. room 25, E, nr. 9246). St.-r. VIII, sh. 5, nr. 4163.

- Jupiter, with wreath of oak-leaves. Revetment for furniture. H. 0.075 (Calza 1915(1), 253; Calza - Floriani Squarciapino 1962, 102). St.-r. VIII, sh. 5, nr. 3552.

- Beam of a balance, with three hooks for the suspension of weights, and a chain to which a pan was attached. Rider scale indicated. L. 0.11 (Calza 1915(1), 253). St.-r. VIII, sh. 5, nr. 4221.

- Priapus-herm. Lower end broken off. Revetment for furniture. Preserved h. 0.045 (Calza 1915(1), 254 and fig. 17a; Calza 1915(2), 171 and fig. 43; Calza - Floriani Squarciapino 1962, 103; Helbig 1972, nr. 3170 (dated to second century)). St.-r. VIII, sh. 5, nr. 3542.

- Statuette of Mercurius, wearing *petasus*, *chlamys* and boots with wings. In his right hand a purse. H. 0.065 (Calza 1915(1), 255 and fig. 17b; Calza - Floriani Squarciapino 1962, 103). St.-r. VIII, sh. 5, nr. 3540.

- White marble. Sleeping Eros. H. 0.10 (Calza 1915(1), 257 and fig. 21).

ROOM 17

A. 9.43 x 5.15 x 9.39 x 5.20; area c. 48.5 m².

B. North, a L. 0.59, th. 0.52. Latericium. Slight traces of thin plaster.

Passage to room 18. W. 3.30. Floor of passage covered by basalt blocks. One travertine block lying against left jamb, flat surface, 0.08 above floor. Jambs latericium.

b L. 1.47; th. 1.17; h. of antique masonry 3.53. Latericium.

Passage to room 18. W. 3.46. Floor of passage covered by basalt blocks. Jambs latericium. Traces of thin and of coarse plaster on right jamb.

c L. 0.61; th. 0.52; h. 4.18. Latericium. Traces of thin plaster.

East, a L. 1.24. Latericium. Traces of thin plaster. Lower part of passage to rooms 3 and 5 filled in by b. b L. 2.58; h. of antique masonry 0.98; h. incl. restoration 1.07. Latericium (south part restored after excavation). Traces of coarse plaster.

c Visible l. 0.22. Latericium.

South, a L. 9.39. Mixtum. Three latericium piers set against a. First one. W. 0.90; th. 1.11. Second one. W. 1.30; th. 0.86. Third one. W. 1.01; th. 0.89. On first and second pier springings of a semicircular arch spanning these piers, of bipedales (springing on first pier antique). Semicircular arch of bipedales spanning second and third pier. H. to top of intrados 4.57, total preserved h. over 5.00. Th. of springings c. two-thirds of that of the piers. Lower part of space between piers filled in by two benches. First one. Set against a. H. incl. restoration 1.91 (east) - 1.61 (west); th. 0.32 (east) - 0.30 (west). Latericium. Second one. Set against first one. H. incl. restoration 0.92 (east) - 0.56 (west); th. 0.28 (east) - 0.33 (west). Lower part of tufa blocks, upper part latericium. Remains of plaster on east part.

West, a Visible l. 0.98 - 1.85. Mixtum. Traces of thin plaster.

Doorway to room 25. W. 1.48; h. 2.22. Spanned by a slightly curved lintel arch of sesquipedales. Completely filled in by b.

Lower part of rectangular window above doorway, largely modern: at 2.29/4.09 from south, a, starting at 3.19 from floor. Jambs latericium, running diagonally from south-east to north-west. No sill preserved.

b Latericium (lower part restored after excavation). Traces of thin plaster with faint traces of red paint.

C. Basalt blocks.

D. One beamhole in north end of west, a, lying directly against north, a: 2.85/3.23 from floor. One beamhole in north end of east, a, lying directly against north, c: 3.31/3.69 from floor. Beamholes not passing through wall. Six beamholes in south, a, not passing through wall: av. h. from floor 3.30/3.58 (= c. at height of present bottom of window in west wall).

E. Trench in east half of room (filled with water). Date of excavation unknown. Here the north-east corner of the Castrum was expected. Part of the Castrum-wall was indeed found, the corner however had been removed when a reticulate wall was built (SO I, 67 and fig. 19, letter O). Room excavated in 1914-1915 (GdS 1914, 174, 228-230, 234; 1915, 173-188; rooms 17 and 18 treated as one). Finelli reports traces of fire and destruction-layer resulting from fire. In this layer in rooms 17-18 was found:

9264 Iron. Pick-axe-shaped hammer. L. 0.15.

In rooms 17-18 were found (iron unless indicated otherwise):

9431 Hatchet. L. 0.26.

9432 Lance-head, broken. L. 0.25.

9433 Cylindrical case, probably originally with bronze revetment on the outside. Diam. 0.075; h. 0.12.

9434 Chain. Av. diam. of links 0.05.

- 9435 Candelabrum. Preserved h. 0.61.
 9436 Bronze. Pan. Diam. 0.19; h. 0.053.
 9437 Bronze. Crushed, probably cylindrical, vessel.
 9438 Bronze. Handle of vessel. L. 0.10; h. 0.06.
 9439 Bronze. Pair of tweezers? L. 0.08.
 9457 Pruning-knife, broken. L. 0.35.
 9458 Four bars. L. of shortest one 0.22, of longest one 0.41; av. th. 0.09 x 0.007.
 9459 Part of trident. L. 0.095.
 9460 Two cylindrical vessels with a lid. To both part of an iron chain was found attached. H. and diam.: 0.062 x 0.067 and 0.052 x 0.074.
 9460 Nails, part of revetment, fragments of cylindrical bars.
 9461 Bronze. Part of chain. L. 0.161; diam. of links 0.017.
 9461 Bronze. Many fragments of a vessel. Nails.
 9462 Terracotta. Basin. Diam. 0.38.
 According to Calza thirty-eight coins were found in rooms 17-18, damaged by fire (Calza 1915(1), 249). Twenty-one of these could be identified: coins of Claudius, Domitian, Hadrian, Marcus Aurelius (4), Faustina, Lucius Verus, Commodus, Iulia Domna, Gordian III (2), Philip (3), Traianus Decius, Gallienus (2), Quintillus, Probus. I found no mention of these coins in the excavation-report.
 In the destruction-layer in rooms 17, 18 and 19 were found (bronze unless indicated otherwise):
 9934 Statuette of youngish Hercules, wearing lion-skin, in left hand the apples of the Hesperides, in right hand he probably held club. H. 0.097 (see also Calza 1915(1), 255 and fig. 18a; Calza 1915(2), 169 and Pl. XI, 1; Calza - Floriani Squarciapino 1962, 102). St.-r. VIII, sh. 5, nr. 3538.
 9935 Bust of Jupiter-Serapis, belonging to a base. H. 0.12 (see also Calza 1915(1), 252 and fig. 13a; Calza - Floriani Squarciapino 1962, 102). St.-r. VIII, sh. 5, nr. 3549.
 9936 Scorpion. H. 0.025; l. 0.065 (see also Calza 1915(1), 252 and fig. 12; Calza 1915(2), 169 and fig. 42, 4; Calza - Floriani Squarciapino 1962, 96). St.-r. VIII, sh. 5, nr. 3568.
 9937 Statuette of Lar, wearing *tunica* and sandals. *Patera* in right hand, object in left hand lost (left arm along body). Inlay of silver laurel-branches in the base identify Lar as Lar Augusti. H. incl. base 0.24 (see also Calza 1915(1), 254 and fig. 16; Calza 1915(2), 171-172 and fig. 44; Calza - Floriani Squarciapino 1962, 102; Helbig 1972, nr. 3168, 1). St.-r. VIII, sh. 5, nr. 3535.
 9938 Lamp. Shape almost CIL XV, 16. L. 0.145 (see also room 15, nr. 9690).
 9939 Statuette of Dioscure, wearing *chlamys*. Lance in left hand missing. H. 0.12 (see also Calza 1915(1), 255 and fig. 19; Calza 1915(2), 171 and Pl. XI, 3).
 9940 Statuette of Minerva, wearing long mantle. On head helmet with diadem. On chest *aegis* with *gorgoneion*. H. 0.10 (see also Calza 1915(1), 255 and fig. 18b; Calza 1915(2), 169-171 and Pl. XI, 2; Calza - Floriani Squarciapino 1962, 102). Not located, location should be st.-r. VIII, sh. 4, nr. 3537.
 9941 Rectangular foot, belonging to furniture. H. 0.07; 0.125 x 0.069.
 9942 Gorgon-mask, belonging to handle of vessel. Meas. 0.052 x 0.058 (see also Calza 1915(1), 253 and fig. 14; Calza 1915(2), 169 and fig. 42, 6; Calza - Floriani Squarciapino 1962, 96). Mus. sh. 6, nr. 4166.
 9943 Club. H. 0.10.
 9944 Round base. H. 0.018; diam. 0.084.
 9945 Dog, the hind-legs of which were attached to something. L. 0.04.
 9946 Octagonal column, with moulded base and capital. H. 0.128; max. diam. 0.012.
 9947 Rod for mixing substances. L. 0.144.
 9948 Key. L. 0.04.
 9949 Round base with three leaf-shaped feet, one of which is missing. H. 0.13; diam. 0.123.
 9950 Seven rectangular sheets, each with incised figure (signs of Zodiac and symbol of a planet (Mars)). 1. Scorpion; 2. Lion; 3. Sagittarius or Orion? 4. Wagoner; 5. Virgo; 6. Mars; 7. Gemini. Av. h. 0.037/8; av. w. 0.022/3. Nail for attachment in centre of each, l. 0.03 (see also Floriani Squarciapino 1953 with Tav. CXIV). Mus. sh. 6, nrs. 4151-4157.
 9951 Heart-shaped box for suspension, with lid and inlay of glass-paste (red, green and grey circles). L. 0.052.
 9952 Wheel with six spokes, made of a sheet. Diam. 0.058.
 9953 Foot or base. H. 0.042; diam. 0.073.
 9954 Disc. Diam. 0.12.
 9955 Disc. Diam. 0.117.
 9956 Cylindrical vessel with lid. H. 0.063; max. diam. 0.043.
 9957 Part of lock of chest. Preserved l. 0.10.
 9958 Fish-hook. L. 0.06.
 9958 Ring, belonging to horse-harness. Diam. 0.037.
 9958 Coin.
 9959 A crescent-shaped sheet, with an iron object attached to it. Possibly ornament of furniture. Max. diam. 0.059.
 9960 Fragment of vessel. Original h. of vessel c. 0.30.
 9961 Fragments of vessel. Preserved h. 0.25 to 0.30.
 9962 Basin. H. c. 0.40.
 9963 Disc. Mirror or lid. Diam. 0.147.
 9964 Round moulded base. H. 0.016; diam. 0.057.
 9965 Round moulded base. H. 0.016; diam. 0.047.
 9966 Foot of candelabrum, consisting of three lion's paws and leaves. Lower part of vertical bar preserved, filled with iron. Nr. 9953 may belong to this part. Preserved h. 0.128 (see also Calza 1915(1), 251 and fig. 9; Calza 1915(2), 169 and fig. 42, 2). St.-r. VIII, sh. 4, nr. 4149.
 9967 Three parts of a cylindrical, hollow bar, filled with an iron bar, possibly belonging to nr. 9966. Total h. 1.21.
 9968 Part of a candelabrum, *patera* for lamp missing. Resting on three feet, consisting of lion's heads and goat's paws (l. of feet 0.19), attached to a disc (diam. 0.14). Iron vertical bar. Preserved h. 1.34 (see also

- Calza 1915(1), 251 and fig. 9; Calza 1915(2), 169 and fig. 42, 1). St.-r. VIII, sh. 4, nr. 4148.
- 9969 Iron. Part of cylindrical bar, possibly belonging to nr. 9968. Preserved h. 0.64; max. diam. 0.18.
- 9970 Foot or base, one end bell-shaped, the other globular. Possibly belonging to nr. 9968. Preserved h. 0.055; diam. of bell-shaped part c. 0.08.
- 9971 Cylindrical vessel. Preserved h. 0.047; diam. 0.035.
- 9972 Crushed pan. Total l. 0.287.
- 9973 Spiral. H. 0.075; max. diam. 0.027.
- 9974 Hinge.
- 9975 Tool or stylus. L. 0.146.
- 9976 Handle of vessel. L. 0.10.
- 9977 Two square, curved bars, to the end of one of which a hinge with a nail is attached. Handles of doors or furniture. L. 0.057.
- 9978 Cylindrical handle. Preserved l. 0.16.
- 9979 Part of a hoop, made of a sheet. Possibly rim of mirror or other object. Diam. 0.145.
- 9980 Bell. Diam. 0.026.
- 9980 Fragments of sheets, handles of vessels in fragments, damaged leaves, nails, part of lock, sheets for the attachment of marble, part of a spoon, bell belonging to horse-harness.
- 9981 Part of *strigilis*. Preserved l. (following the curve) 0.23.
(iron unless indicated otherwise):
- 9982 Square padlock (h. 0.047; 0.066 x 0.06), to which a chain is attached (diam. of links 0.04; l. of chain 0.25 to 0.27).
- 9983 Lock. H. 0.04; 0.07 x 0.07.
- 9984 Part of cylindrical padlock, to which part of a chain is attached. H. 0.055; diam. 0.064.
- 9985 Lance-head. L. 0.165.
- 9986 Carpenter's axe. L. 0.11.
- 9987 Part of dagger. L. 0.255.
- 9988 Hatchet-hammer. L. 0.225. Much used.
- 9989 Spade. Meas. 0.205 x 0.115 x 0.115.
- 9990 Part of carpenter's axe. Meas. 0.095 x a little over 0.13.
- 9991 Two lance-heads. L. 0.232 and 0.235.
- 9992 Chisel. L. 0.215.
- 9993 Globular object. Possibly knob, belonging to furniture. H. 0.077; diam. 0.08.
- 9994 Lance-head. L. 0.22.
- 9995 Crescent-shaped knife. Preserved l. 0.175.
- 9996 Spade. Preserved l. 0.24.
- 9997 Small pruning-knife. Preserved l. 0.185.
- 9998 Chisel. Preserved l. 0.145. Much used.
- 9999 Curved knife. L. of blade 0.29.
- 10000 Hatchet. Preserved l. 0.30.
- 10001 Lance-head. Preserved l. 0.165.
- 10002 Padlock, with a chain attached to it. Meas. 0.022 x 0.07 x 0.07.
- 10003 Bell. H. a little over 0.05.
- 10004 Three hinges, with nails attached to them. Meas. of largest one 0.095 x 0.026.
- 10005 Lance-head. L. 0.177.
- 10006 Pick-axe. L. 0.19.
- 10007 Four objects, made of sheets, each with a nail for the attachment to wood. Possibly feet, belonging to furniture. Meas. of largest one (excl. nail) 0.10 x 0.045 x 0.02.
- 10008 Piece of revetment or small hook. L. 0.135.
- 10009 Two specimens of fire-steel (flint and steel). One damaged, l. of complete one 0.17.
- 10010 Two tripods. Meas. of largest one 0.32 x 0.12.
- 10011 Shovel. L. a little over 0.60.
- 10012 Tripod. H. 0.035; diam. 0.11.
- 10013 Handle of door or window, one end of which served as a hinge. L. excl. hinge 0.24.
- 10014 Lance-head. L. 0.24.
- 10015 Handle, originally with hinges on both ends, only one preserved. L. excl. hinge 0.107.
- 10016 Two hammers. L. 0.135 and 0.095.
- 10017 Three shovels or axes. Meas. of best preserved one 0.20 x 0.115.
- 10018 Key. Preserved l. 0.10.
- 10019 Iron and bronze. Lock. Meas. 0.027 x 0.065 x 0.065.
- 10020 Candelabrum, resting on tripod, *patera* preserved. H. 1.10.
- 10021 Tripod. Foot of candelabrum.
- 10022 Handle. L. 1.35.
- 10023 Five rings. Meas. of largest one 0.135 x 0.05.
- 10024 Chisel. L. 0.26.
- 10025 Bar. L. 0.325.
- 10026 Chisel. L. 0.265.
- 10027 Spiral roasting-spit. Preserved l. 0.20.
- 10028 Ring, to which a bell is attached. To be attached to a wall. "Cosa molto commune presso le scuderie per attaccare le bestie". Diam. 0.08.
- 10029 Nails with large heads, for the attachment of additional walls to pre-existing ones. Specimens of this type of nail found *in situ* in outer north wall of Piccolo Mercato (I,VIII,1). L. of one of the smaller ones 0.205, l. of head 0.072.
- 10029 Several lance-heads, sheets (some of them with parts of nails), mouldings (sheets and mouldings forming part of wattle-work), nails, parts of square and cylindrical bars, fragments of hooks, fragments of hinges, many other fragments.
- 10030 Hoop, made of a sheet, possibly to be attached to the end of a beam. Diam. 0.29.
- 10031 Ten rings, made of sheets. Diam. 0.03 to 0.105.
- 10032 Two rings, perhaps belonging to horse-harness. Diam. 0.038.
- 10033 Bone. Lower part of statuette of figure wearing long mantle. Preserved h. 0.062.
- 10034 Bronze. Not entered.
- 10035 Bronze. Cylindrical ink-well with lid, the centre of which has a hole, that was covered by another lid. H. 0.07, diam. 0.044, diam. of lid 0.056.
- 10036 Bronze. Knob. Meas. 0.022 x 0.05.
- 10037 Bronze. Round lid. Diam. 0.084.
- 10038 Bronze. Handle of vessel. H. 0.105.
- 10039 Iron and bronze. Knob of door. H. 0.025; diam. 0.05.

(terracotta):

10040 Handle of *amphora*, with stamp *FACCSIC*.

10041 *Amphora*. Preserved h. 0.345.

10042 Lamp. Shape CIL XV, 19, with stamp *ANNISER* (= Annius Serapiodorus: CIL XV, 6296). L. 0.08.

10043 Lamp. Shape CIL XV, 28, with stamp *ANNISER*. L. 0.115.

10044 Lamp. Shape CIL XV, 28. On the top a quadruped. Preserved l. 0.11.

10045 Lamp. Shape CIL XV, 25. L. 0.096.

10046 Lamp for two wicks, with square base. L. 0.08.

10046 Fragment of lamp and fragment of Arretine vessel.

(white marble):

10047 Herm, with female head. H. 0.185.

10048 Square base with a hole in the centre. Meas. 0.14 x 0.18 x 0.18.

10049 Fragments of a rectangular base, resting on four feet. In the top a hollow. Meas. 0.13 x 0.29 x 0.27.

10050 Fragments of a base. H. 0.07.

In north-east corner of room is lying one travertine threshold block, with raised edge and part of pivot-hole lying against raised edge.

ROOM 18

A. 9.43 x 5.29 x 9.43 x 5.21; area c. 49.5 m².

B. North, a L. 6.65. Mixtum. East part preserved badly, broken off at east end. Slight traces of thin plaster.

Passage to room 19. Present w. 1.86. Original presence of threshold indicated by missing stretch of basalt blocks. Left jamb broken off. Right jamb latericium, with a bolt-hole and slight traces of thin plaster.

b L. 0.92. Latericium. Slight traces of thin plaster.

East, a L. 1.45 - 1.56. Latericium. Upper part (above passage) mixtum, restored after excavation. Slight traces of thin plaster. Passage to room 6 completely filled in by b.

b Lower part: bricks, small tufa blocks, two blocks of volcanic stone (perhaps originally part of mill-stone). Middle part: latericium. Upper part: mixtum. Partly restored after excavation. Traces of thin plaster. Central part of lintel arch has some bricks instead of sesquipedales.

South, a L. 0.60. Latericium. Traces of thin plaster.

b L. 1.47. Latericium. Traces of thin plaster.

c L. 0.60. Latericium. Traces of thin plaster.

West, a L. 2.08 - c. 1.80 (overgrown). Mixtum. Slight traces of thin plaster.

b Rebuilt south jamb of doorway to room 26. Max. l. 0.65, h. 1.18. Latericium. Separated from a by crack.

Doorway to room 26. W. 1.32; h. 2.06. Complete travertine threshold of one block, much worn and damaged. Three round holes in south part, one or more of which may have been meant for pivot. In centre of north part a hole, partly round, partly square, probably pivot-hole. Top of threshold 0.30

above floor of room 18. Jamb latericium. Bolt-hole in left jamb. Spanned by a slightly curved lintel arch of sesquipedales. Lower part of two rectangular windows above doorway, largely modern. Meas.: see room 26, east. Jamb latericium. No sills preserved.

C. Basalt blocks, some with the imprint of hoofs.

D. A number of holes in east wall, h. a little above lintel arch of doorway. Beamholes?

E. Excavation and finds: see room 17. In north part is lying an object looking like the top of a *meta*. It has, however, a flat top, and the square hole in the top is larger than usual in a *meta* (0.13 x 0.14) and furthermore passing through the stone (h. 0.17, diam. 0.77). Drs. G. Jansen has pointed out to me that this seems to be part of an olive-press (cf. Grant 1971, photo on p. 196). In west part a mill-stone. Present h. 1.58, 2.05 from west wall, 2.25 from north wall (meas. from the sides). Like all other mill-stones in building made of dark-grey, volcanic, porous material. Lower part of *meta* (circumference 3.31) damaged and standing on modern base. *Meta* is hollow and preserves the upper part of two letters, possibly a small and a large D. In the top a square hole with lead on all four sides and on bottom. Top of *catillus* missing (pres. h. 0.77, circ. 3.02). On lower part of *catillus* are the letters *CHRY* (Moritz 1958, Pl. 7b).

ROOM 19

A. 9.39 x 5.22 x 9.41 x 5.30; area c. 49.5 m².

B. North, a L. 0.60. Latericium.

b L. 0.95; th. 1.19 - 1.084; th. 1.17. Latericium.

Passage to room 20. W. 6.39; h. 4.28. Floor covered by basalt blocks. Jamb latericium. Spanned by a semicircular arch of bipedales, largely modern. Some bessaes on bottom.

c L. 0.61. Latericium. Traces of thin plaster.

East, a L. 1.48 - 1.49. Latericium. Upper part (above passage) mixtum, restored after excavation. Traces of thin plaster.

Passage to room 7. Top of threshold 0.10 above floor.

South, a L. 0.90. Latericium.

b L. 6.65. Mixtum. Preservation: see room 18, north. Remains of plaster.

West, a L. 1.94 - 1.85. Mixtum. Remains of plaster.

Doorway to room 26. W. 1.51; h. 2.55. Jamb latericium. Spanned by a slightly curved lintel arch of sesquipedales, modern. Three square holes in upper part of each jamb, in a diagonal line, sloping upwards from east to west. Middle hole in right jamb filled in. Lowest hole directly above b. Lower part filled in by b. Lower part of rectangular window above doorway, largely modern: 1.85/3.55 from south wall; starting at 3.61 from floor. Jamb latericium. No sill preserved.

b H. 1.40. Latericium. Upper part restored after excavation.

C. Basalt blocks, some with the imprint of hoofs.

D. A number of holes in east wall, h. a little above lintel arch of doorway. Beamholes?

E. Room 19 is shown excavated on Paschetto's plan.

Finelli however states that he found part of rooms 19-21 unexcavated, by which he can only mean the south part, because it is mentioned together with 17-18 (GdS 1915, 87, 173). Excavation began in 1914 when, after excavation of room 7, Finelli started excavations to reach alley between Diana and Molini (GdS 1914, 157-158, 161). In the destruction-layer resulting from fire were then found:

9217 White marble. Lower part of table leg, consisting of a lion's paw, resting on a base. Preserved h. 0.348; 0.23 x 0.23.

9218 White marble. Base of acanthus-leaves. In the centre a hole. In this hole a smaller hole, passing through the base and closed off by a terracotta plug. Possibly part of a fountain. H. 0.15; 0.265 x 0.265.

9219 Bronze. Six coins.

Excavation finished in 1915 (see room 17).

Three mill-stones standing in room, south and north one as indicated on plan in Calza 1915(1). **South one**. Preserved h. 1.25; side 0.58 from south wall, 3.02 from west wall. Square hole in top of *meta* (circ. 3.03), with lead on all sides and on bottom. Top of *catillus* (circ. 2.84) missing. **North-east one**. Complete, minor damage to *meta* (circ. 2.69) and *catillus* (h. 0.84, diam. 0.78). H. 1.43; side 2.50 from south wall, 3.09 from east wall. Square hole in top of *meta*, with lead on all sides and on bottom. **North one** (in passage). Side 1.33 from left jamb of passage. *Meta* (h. 1.35, circ. 3.28) with square hole in the top, with lead on bottom. Part of *catillus* attached to it after excavation.

ROOM 20

A. 9.37 x 4.55 x 9.36 x 4.68; area c. 43 m².

B. North, a L. 0.60, th. 0.59. Latericum. Above, core of wall visible.

b L. 0.74; th. 1.18. Latericum. Springing of semicircular arch spanning passage to room 21, modern.

Passage to room 21. W. 5.94. Floor covered by basalt blocks. Jambs latericum.

c L. 1.48; th. 1.19. Latericum. Springing of semicircular arch spanning passage to room 21, made of bipedales, partly restored after excavation.

d L. 0.61. Latericum. Traces of thin plaster.

East, a L. 1.48 - visible l. 0.73. Latericum. Traces of thin plaster.

South, a L. 1.45 - 1.52. Latericum. Traces of thin plaster with faint traces of red paint.

West, a Visible l. 1.22 - 1.96. Mixtum. Remains of plaster.

Doorway to room 27. W. 1.50; h. 2.42. Jambs latericum. Spanned by a slightly curved lintel arch, modern. Lower part filled in by b. Above doorway lower part of rectangular window, largely modern: 1.10/2.85 from south wall; starting at 3.53 from floor. Jambs latericum. No sill preserved.

b H. 1.40. Latericum. Upper part modern. Remains of plaster.

C. Basalt blocks.

D. ---

E. Excavated in 1870. In room are standing four parts of mill-stones (five indicated on plans in Calza 1915(1) and SO I, the position of three of which corresponds with present situation, while south-east one and north-west one closest to passage in north wall are missing). **West one**. Side 0.84 from west wall, 1.57 from north wall. *Meta* only (h. a little over 1.15, circ. 3.16). Top broken off. Repaired with lead clamp, probably antique because differing from numerous modern clamps in mill-stones. **Central one**. Side 3.68 from west wall. Part of *meta*, to which part of *catillus* has been attached after excavation. **Northeast one**. Side 0.84 from east wall, 0.84 from north wall. *Meta* only, hollow (h. a little over 1.10, diam. c. 1.00). Top broken off, but bottom of hole in top still visible. **South one**. Side 3.00 from east wall, 0.90 from south wall. Not indicated on plans. Top of *meta*, to which part of *catillus* has been attached after excavation. Square hole in top of *meta*, with lead on three sides and on bottom. In south-east corner a bell-shaped basin, made of same material as mill-stones. H. 0.50; d. 0.33; diam. incl. rim 0.70, excl. 0.52. In this basin are two fragments of *catilli*.

ROOM 21

A. 9.38 x 4.43 x 9.38 x 4.53; area c. 42 m².

B. North, a L. 1.88 - 4.24. Mixtum, separated by irregular joints from b, d and e. Some vittatum B in lower west part. Traces of thin plaster, turned dark-grey as a result of fire.

Doorway to room 22. W. 0.91; h. 2.30. Jambs latericum, with remains of coarse plaster. Irregular top of doorway in a, left jamb part of b, right jamb part of c and d.

b (west of doorway) Max. l. 0.73. Latericum.

c (lower part of wall east of doorway, up to e) Max. h. 0.50. Latericum.

d (above c, below a) L. 4.24; h. 1.37. Latericum, separated from e by irregular vertical joint. Traces of dark-grey, thin plaster. Traces of fire on bricks.

e L. 0.59. Latericum. Slight traces of thin plaster. Traces of fire on mortar and bricks.

f L. 0.58. Latericum. Traces of dark-grey, thin plaster. Traces of fire on mortar and bricks.

g L. 0.58. Latericum. Traces of fire on mortar and bricks.

h L. 0.30. Latericum. Traces of dark-grey to black, thin plaster. Traces of coarse plaster. Traces of fire on bricks. Parts of a modern lintel arch suggest that f-g was doorway.

East, a L. 1.35. Latericum. Traces of dark-grey, thin plaster. East half of passage to room 12 filled in by b.

b L. 1.11. Latericum. Slight traces of plaster.

c Visible l. 0.73. Latericum.

South, a L. 2.07. Latericum. Considerable remains of smooth plaster (th. 0.025) with a coarse core.

b L. 1.37. Latericum.

West, a Visible l. 1.19 - 1.85. Mixtum. Traces of thin plaster, partly white, partly dark-grey.

Doorway to room 28. W. 1.49; h. 2.57. Jambs latericium. Spanned by a slightly curved lintel arch of sesquipedales. Above doorway lower part of rectangular window, largely modern: 1.10/2.80 from south wall; starting at 3.56 from floor. Jambs latericium. No sill preserved.

C. Basalt blocks.

D. One beamhole in south, a (= north side of large pier): 3.49/3.82 from floor.

E. Excavated in 1870. One mill-stone standing in room, as indicated on plans in Calza 1915(1) and SO I. Preserved h. 1.55; side 1.51 from east jamb of passage to room 20. Minor damage to *meta* (circ. 2.93). Square hole in top of *meta*, with lead on all sides and bottom. Top and part of lower part of *catillus* missing (h. a little over 0.80). Basin in south-east corner. Latericium, preserved to a very low height, restored after excavation. Floor of bipedales. Facing of east, b damaged over h. 1.55, showing where north wall was attached. L. of north wall 2.06. West wall (l. 1.75) set against south, a. Line (vertical joint?) in west wall shown on plan in Calza 1915(1), not confirmed. Th. of walls 0.35. In north part of room are lying three fragments of *catilli* and a fragment of a travertine threshold block with groove.

ROOM 22

A. 9.42 x 5.47 x 9.38 x 5.40; area c. 51 m².

B. North, a (below west part of b) L. 0.60; h. c. 1.75. Mixtum. Separated by an irregular joint from c.

b L. 0.60 - 7.30. Mixtum. Separated by irregular joint from c and d. Traces of thin plaster. Traces of fire on tufa stones.

Doorway to room 23. W. c. 1.52; h. c. 2.00. Very irregular jambs, lower part of left jamb part of a, upper part of left jamb and right jamb part of b. No lintel. Completely filled in by c.

c Latericium. Traces of thin plaster. Traces of fire on bricks.

d West part (below b, starting from doorway): l. 2.85; h. 0.93. East part (below b): l. up to pier set in north-east corner of room 3.48; h. varying, but over 2.50. Latericium. Traces of thin plaster with faint traces of red paint. Traces of fire on bricks. Small pier, latericium, forming entity with d: 5.65/6.10 from west wall; th. 0.29. Rectangular niche in d, sides and back of upright bricks: 7.12/7.32 (incl. sides) from west wall; 1.80/2.02 from floor; w. incl. sides 0.20, excl. 0.14; d. 0.21. Large pier, latericium, set against north-east corner: w. 0.97; th. 0.47. Traces of thin plaster. Lower part of south side thicker (0.10 over h. 0.46).

East, a Visible l. 1.18 - 1.71. Latericium. Considerable remains of thin plaster, remains of coarse plaster. Lower part of north part thicker (0.10 over h. 0.46).

Passage to room 13. South jamb covered by b. Lintel arch lopsided, above south end part of an older springing of a lintel arch visible.

b L. 0.54. Vittatum B. Traces of thin plaster.

South wall Because of complexity of wall described

from right to left, so that section numbers coincide with 21, north.

a L. 1.92 - 3.90. Mixtum, separated by irregular joints from b, d and e. Traces of thin plaster.

b (west of doorway) Max. l. 0.91. Latericium. Traces of plaster.

c (lower part of wall east of doorway, up to e) H. 0.33. Latericium.

d (above c, below a) L. 5.07. Latericium, separated from e by irregular vertical joint. Remains of plaster.

e Max. l. 0.80. Latericium. Considerable remains of thin plaster.

f L. 0.61. Latericium. Considerable remains of plaster. In lower part rectangular floor-niche, sides latericium, back showing core of wall: 0.84/1.46 from east wall; h. 0.88; w. 0.62; d. c. 0.25.

g L. 0.54. Latericium. Traces of thin plaster.

h L. 0.28. Latericium. Considerable remains of thin plaster.

Parts of a slightly curved lintel arch of sesquipedales, east part antique, show that f-g is blocked doorway.

West, a L. 2.05 - 1.91. Mixtum, separated by irregular joint from b. Traces of thin plaster.

Doorway to room 29. W. 1.44; h. 2.50. Part of threshold lying against left jamb visible on fig. 3 in Calza 1915(1), now gone. Jambs latericium, with traces of coarse plaster. In left jamb irregular vertical joint. Spanned by a slightly curved lintel arch of sesquipedales, lopsided. Above doorway lower part of rectangular window, largely modern: 1.85/3.75 from south wall, starting at 3.56 from floor. Jambs latericium. No sill preserved. Blocked with small tufa blocks and some bricks (photograph B 2201).

b (lower part of wall south of doorway, up to h. of intrados of lintel arch) L. 2.05. Latericium. Traces of plaster.

C. Basalt blocks, one near doorway in south wall with imprint of hoof.

D. Five beamholes in north, b, passing through the wall: 3.40/3.64, 3.23/3.56, 3.16/3.59, 3.22/3.59 and 3.20/3.48 from floor. Five beamholes in west and central part of south, a, not passing through the wall: 3.04/3.28, 3.17/3.35, 3.08/3.26, 3.19/3.44 and 3.07/3.34 from floor. One beamhole in west, a: 3.46/3.70 from floor.

E. Excavated in 1870. Five kneading-machines standing in room, four as indicated on plans in Calza 1915(1) and SO I, where south-east one is not drawn. Except for south-west one slightly set in floor. Two square or rectangular holes in the side set on one angle, opposite each other, but never at the same height. Made of same material as mill-stones. **Northwest one.** Side 0.83 from north wall, 1.10 from west wall; h. 0.72; d. 0.43; diam. incl. rim 0.98, excl. rim 0.45. Part of side missing. One hole preserved, passing through the side (0.06 x 0.06, 0.35 below rim). According to Calza the grafting of the vertical spindles is not present or has disappeared (Calza 1915(1), 244), but in centre of bottom of this machine a square iron slab is fastened in a round depression

(0.19 x 0.19). Remaining space in depression filled with lead. Small depression (0.02 x 0.02) in centre of slab. Bottoms of other basins could not be inspected.

Central north one. Side 1.02 from north wall; h. 0.61; d. 0.42; diam. incl. rim 0.94, excl. rim 0.43. Two holes opposite each other, passing through the side (0.06 x 0.06 and 0.06 x 0.07, 0.23 and 0.32 below rim). **Northeast one.** Side 1.18 from north wall, 1.70 from east wall; h. 0.65; d. 0.42; diam. incl. rim 0.86, excl. rim 0.43. Two holes opposite each other, passing through the side (0.05 x 0.05, 0.24 and 0.31 below the rim). **Central south one.** Side 1.10 from south wall; h. 0.72; d. 0.43; diam. incl. rim 0.80, excl. 0.47. Two holes opposite each other, passing through the side (0.03 x 0.03 and 0.04 x 0.05, 0.13 and 0.23 below the rim). **Southeast one.** Side 0.90 from south wall, 1.70 from east wall; h. 0.75; d. 0.33; diam. incl. rim 0.90, excl. 0.43. Two holes opposite each other, passing through the side (0.05 x 0.05 and 0.05 x 0.06, 0.24 and 0.34 below the rim).

ROOM 23

A. 9.70 x 4.98 x 9.75 x 5.25; area c. 49.5 m².

B. North, a L. 3.52. Mixtum. Facing of east part missing (from east upwards to west). In this part a horizontal row of three large holes passing through the wall (h. c. that of lintel arch of door in west wall) (Heres 1988, fig. 11).

b L. 6.18. Latericium, partly built over east, a. East side showing core of wall. Protruding c. 0.20 into room. In lower west part a hollow in the masonry with a latericium back, meant to receive part of upper half of oven. In west part lower part of rectangular niche or vertical channel: 4.68/5.08 from west wall; d. 0.44. Sides latericium, back made of a large brick.

East, a L. 4.98. Some vittatum A in north part, but for the most part showing core of wall, protruding in front of the vittatum (Heres 1988, figs. 29 and 30).

South, a (lower east part of wall). Preserved l. 0.50. Latericium. Broken off. Core of wall visible above a.

b L. 9.25. Mixtum. Facing of east part, up to 3.20 from west wall, partially, funnel-shaped, missing (from east upwards to west). Upper part of section showing core of wall over h. 0.55, starting at c. 0.10 above beamholes (see D).

Doorway to room 22. Irregular top only visible (cf. C).

West, a L. 1.89 - 1.90. Mixtum. Traces of thin and of coarse plaster.

Doorway to room 29. W. 1.46; h. 2.27. Jambs latericium, with remains of coarse plaster on right jamb. Spanned by a slightly curved lintel arch of sesquipedales. No window above doorway.

Wall, th. 0.37, latericium, set against lower part of a, south of doorway. Remains of plaster. North end broken off. At this end can be seen that lower part of a is 0.08 thicker, forming an entity with 0.09 thicker lower part of left jamb of doorway. Lower part of right jamb is 0.06 thicker and forming entity with wall, th. 0.30, latericium, set against lower part of a,

north of doorway.

C. High floor-level, due to remains of oven, that are buried.

D. Five beamholes in south, b: see room 22. Horizontal band of missing facing above beamholes is place of attachment of barrel vault.

E. Excavated in 1915-1916. No finds reported (GdS 1915, 98-101; 1916, 93; see also Calza 1915(1), 244). Traces of fire were seen. Remains of oven found. Base of oven made of tufa blocks, small part of upper part preserved (see also Calza 1929, 130). In south-west corner of room are lying some basalt blocks and many fragments of mill-stones.

Oven uncovered in 1996, area in front of oven further excavated. A bipedalis in the north part and some bricks in the south part are remains of original floor level (resp. 0.77 and 0.92 below that of room 29). Steps have disappeared. There is a slight indication of a basin in the west part.

Brick podium (h. 1.20 to 1.30; starting at 2.00 to 2.10 from west wall). In podium, below entrance to oven, a hole (starting at floor level, h. 0.50, w. 0.49, d. 0.88; top at c. 0.57 from top of podium (central part of which is sagging)). Sides and back of bricks.

Brick ledge in front of cupola (d. 0.52 to 0.55). In this ledge, in front of the centre of the entrance to the oven, a metal object (hinge?) (0.05 x 0.02; at 0.18 from front of podium). The jambs of the entrance to the oven are of bricks, against which several tufa uprights have been set (w. between brick jambs 1.85, preserved w. of narrowed opening 1.03).

Lower ring of cupola preserved, made of large tufa blocks. Not a true circle, long sides flattened. Floor made of 'terra battuta'. Three to four layers of tufa blocks preserved (max. preserved h. 1.08; inside meas. west-east 4.92, north-south 4.59. In the blocks are two horizontal grooves, at 0.29 / 0.33 and 0.42 / 0.46 from floor. Two narrow grooves above the latter.

ROOMS 24 and 25 (Sacello del Silvano): see Bakker 1994, catalogue C.

Part of the lead pipe in room 24, reported by Finelli, was uncovered in 1996, when the room was excavated for some 30-40 cm. I could not come close to it, so the following meas. are just a rough indication. It is sticking out of the north wall, some 20 cm. below the foundation level and 10 cm. from the east wall. Diam. c. 0.05.

ROOM 26

A. 2.75 x 11.09 x 2.58 x 11.00; area c. 29.5 m².

B. North, a L. 0.62; th. 0.89 - l. 0.65; th. up to crack 0.91. Latericium.

Passage to room 27. W. 1.48; h. 4.72. Floor covered by basalt blocks. Jambs latericium. Two irregular holes in left jamb. Traces of thin plaster with faint traces of red paint on right jamb. Spanned by a semicircular arch, modern. Springings of arch marked by triple brick cornice.

East, a L. 1.82 - 4.34 - 2.10. Mixtum. Traces of thin

plaster, two layers, with traces of red paint on first layer. Lower part of doorway to room 19 filled in by b. Above doorway to room 18 lower part of two rectangular windows (see also room 18, west): 7.40/8.85 and 9.40/11.10 from north wall; starting at 3.00 from floor.

b Latericum. Upper part modern,

Door to room 18. Top of threshold flush with floor.

c See room 18, west, b.

South, a L. 1.04. Latericum. Remains of thin plaster, four layers, with traces of red paint on all layers.

b L. 0.43. Latericum. Remains of thin plaster, four layers, with traces of red paint on third layer.

c L. 0.17. Latericum. Slight traces of thin plaster.

West, a L. 0.47. Latericum.

b (blocked drainage channel) L. 0.27. Latericum. Remains of plaster. The water was drained off to a large latrine in the Caseggiato di Diana (hole visible in the latrine).

c L. 6.80. Latericum. Separated from c by irregular vertical joint. Traces of thin plaster. Rectangular window in south part. Jambs latericum. Spanned by a flat lintel (modern) and a lintel arch of sesquipedales. H. 0.53; 1.98/2.57 from south wall; starting at 1.48 from floor. Rectangular window in north part. Jambs latericum. Spanned by a flat lintel (modern) and a lintel arch of sesquipedales. H. 0.98; 5.68/6.42 from south wall; starting at 2.68 from floor.

d L. 3.46. Latericum. Traces of thin plaster, two layers, with traces of red paint on first layer.

C. Basalt blocks, gently sloping downwards towards the north.

D. No beamholes.

E. Excavated in 1915 (GdS 1915, 87). No finds reported. Basin set against west wall, latericum. Th. of walls 0.26; l. 5.00; w. 1.04; h. of antique masonry 0.63, present h. 0.76; d. 0.71; starting at 1.94 from south wall. Considerable remains of coarse plaster on the inside of all three walls and on west wall (to h. c. 0.70 from bottom). Round hole passing through north wall of basin, directly above floor. See also Scrinari - Ricciardi 1996, II, 22-23: water arrived through hole in west wall; may have shared water-supply with latrine in Cas. di Diana.

ROOM 27

A. 2.80 x 4.77 x 2.72 x 4.55; area c. 13 m².

B. North, a L. 0.61; th. 0.89 - l. 0.56; th. 0.89. Latericum.

Passage to room 28. W. 1.63; h. 4.67. Floor covered by basalt blocks. Jambs latericum. Spanned by a semicircular arch, modern. Springings of arch marked by triple brick cornice.

East, a L. 1.71 - 1.56. Mixtum. Lower part of section covered by wall. Th. 0.24, th. of south end (l. 0.30) 0.61. Latericum. Traces of thin plaster, two layers, with traces of red paint on first layer (traces on south end forming entity with those on east jamb of passage to room 26).

South, a L. 0.62 - 0.62. Latericum. Remains of

plaster.

West, a L. 4.55. Latericum. Traces of thin plaster.

C. Basalt blocks.

D. No beamholes.

E. Excavated in 1915.

ROOM 28

A. 3.01 x 4.64 x 2.83 x 4.80; area c. 14 m².

B. North, a L. 0.74 - 0.78. Latericum. Traces of thin plaster.

Doorway to room 29. W. 1.49; h. 2.51; th. of jambs 0.59. One travertine threshold block, broken. West end missing. Not touching jambs. Flat surface, 0.15 above floor. Jambs latericum. Spanned by a slightly curved lintel arch of sesquipedales, modern.

East, a L. 1.35 - 1.80. Mixtum. Traces of thin plaster, two layers, with faint traces of red paint on first layer.

South, a L. 0.58 - 0.62. Latericum. Traces of thin plaster, two layers, with traces of red paint on first layer.

West, a L. 4.80. Latericum. Traces of thin plaster, two layers, with traces of red paint on first layer. Slit window in south part, giving light to Cas. di Diana, restored after excavation. H. 0.89; 0.59/0.76 from south wall; starting at 2.77 from floor. Jambs latericum. Spanned by a slightly curved brick lintel arch.

C. Basalt blocks (south part) and spicatum (to the east and north of basin) (as indicated on plan in Calza 1915(1)).

D. No beamholes.

E. Excavated in 1870. Basin set against west wall. Latericum, set on top of spicatum floor. Th. of walls 0.28; l. 2.36; w. 1.29; h. of antique masonry 0.66, present h. 0.82; d. 0.52; starting at 1.60 from south wall. Remains of coarse plaster on west wall and on inside of south wall (to h. c. 0.63 from bottom). See also Scrinari - Ricciardi 1996, II, 22.

ROOM 29

A. 2.72 x 11.62 x 2.38 x 11.60; area c. 29.5 m².

B. North, a L. 2.72. Latericum.

East, a L. 1.92 - 4.35 - 2.45. Mixtum. Wall, th. 0.32, latericum, set against lower part of section north of doorway to room 23. Forming entity with thicker part of north jamb of doorway. Wall, th. 0.30, latericum, set against north part of central part of section (l. 2.91). Forming entity with thicker part of south jamb of doorway to room 23. Hole, sides latericum, passing through north part of section diagonally, from north-west to south-east. Starting at floor level; h. c. 0.40-0.50; at 0.06 -0.66 from north wall. Hole, hacked out, passing through central part of section diagonally, from south-west to north-east. Starting at floor level; h. c. 0.43; 1.44/2.02 from (thicker part of) south jamb.

b (lower part of a, south of doorway to room 22) L. 2.45. Latericum.

South, a L. 0.73 - 0.16. Latericum.

West, a L. 11.60. Latericum. Upper part of facing

missing.

C. No data available.

D. Over total l. of east wall core of wall visible, over h. 0.30 to 0.40, starting at av. h. 2.55 from floor (place of attachment of barrel vault). Modern place of attachment of barrel vault visible in south wall (top at 3.71). In east part of south wall, close to east wall, above this modern, curved place of attachment, a small hole passing through the wall with terracotta on the inside.

E. Excavated in 1870. In south-east corner is lying a square, marble block.

2C Finds related to the upper floors; finds of which the exact place of discovery is unknown; length, width and area of building

Finelli believes the following finds to come from the upper floors (GdS 1915, 168):

- Parts of ceilings “a camera canna” (wattle-work), found in rooms 17, 18 and 19, “di arte buona e direi finamente affrescati”.

- Fragments of black-and-white mosaics, made of small *tesserae*, with geometrical designs and floral decoration.

- Very thin marble plates, belonging to geometrical, polychrome opus sectile.

- Many *tesserae* of glass-paste, various colours.

Calza reports the find of large chunks of masonry covered by opus signinum, coming from the upper floors and possibly belonging to basins (Calza 1915(1), 245).

The exact place of discovery of the following finds is unknown.

During the 1870-excavations were found:

- Two gold rings, one with an *aureus* of Traianus Decius.

- Lead water-pipes without stamps.

(bronze unless indicated otherwise):

- Statuette of Apollo Nomios.

- Statuette of Athena.

- Statuette of Mars.

- Statuette of a Dioscure.

- Statuette of a female figure.

- Six statuettes, “to be cleaned”.

- Horse, in course.

- Two panthers, that had silver inlay; revetment for furniture.

- Candelabrum, broken.

- Balance, decorated with a figure.

- Lamp in the shape of a swan.

- Lamp.

- Large number of coins, ranging from Augustus and Hadrian to Valerian and Gallienus; coins of the two Philips, Trebonianus Gallus and Volusianus the most frequent.

(marble unless indicated otherwise):

- Fragments of statuette of Aesculapius.

- Damaged statuette, perhaps of Diana.

Next to the these two entries in the Giornale di Roma,

March 15th 1870, someone has written “Laterano, S. XV, vetrina”.

- Small bust of Jupiter-Serapis, with traces of gilding. (terracotta unless indicated otherwise):

- Object with depiction of Jupiter-Sabazius or Bacchus-Pluvius.

- Lamps with stamp *ANNI SER* (cf. room 17, nrs. 10042-10043).

- Several lamps with stamp *ANNI SER*, with depiction of the Pastor Bonus amidst vine-tendrils with grapes (De Rossi 1870, Tav. VI, 1.2).

- Lamp, stamp lost, with depiction of the Pastor Bonus between two sheep, one of which is entering some sort of hut, and two trees. In the handle part of an iron nail (De Rossi 1870, Tav. I, 2).

- Lamp with graffito *AUCENDI* (from workshop of Augendus: CIL XV, 6326). On the bottom a cross, both bars about the same length, in low relief. On the top globules, set out in a number of circles (De Rossi 1870, Tav. VI,3).

- One Trajanic brick-stamp (CIL XV, 23; 116 AD), Hadrianic brick-stamps (specified only CIL XV, 694; c. 123 AD) and one Antonine brick-stamp.

(material not specified):

- Many utensils and ornamental objects.

In 1879 C.L. Visconti reports this find from the Casa di Aquilina (Visconti 1879, 207):

- Brick-stamp CIL XIV, 4089, 27.

In 1908 this find is reported, made below basalt blocks inside the “locali dei molini”, during restorations (Vaglieri 1908(1), 249):

- Thirteen bronze coins. A little further on coins of Hadrian (uncertain), Marcus Aurelius (uncertain) and Gordianus Pius are specified, found “presso i mulini” (Vaglieri 1908(2), 336). Finelli mentions the find of six bronze coins, below the pavement of basalt blocks, one of these of Gordianus (GdS 1908, 66 nr. 376 and 70 nr. 105).

It does not become clear, whether the Cas. dei Molini is meant, or a bakery excavated in 1878 near the Cas. dei Doli (I,IV,5).

In 1909 this find is reported, made in the “edificio dei molini”, during excavations (Vaglieri 1909, 26; see also SO I, 216):

- Brick-stamp CIL XV, 693.

Again it is not clear, which bakery is meant.

In 1913 were found in the building, probably in the south-east part, to judge from the place of description in the GdS (GdS 1913, 131):

- Two large fragments of a *cippus* of white marble, one fragment with traces of letters.

In 1914 were found in the building, “on various spots” (GdS 1914, 174-176) (terracotta):

9265 Brick-stamp CIL XV, 804 (c. 123 AD).

9266 Brick-stamp CIL XV, 1058 (136 AD).

9267 Two fragments of imbrex with stamp CIL XV, 612 (second century).

9268 Brick-stamp CIL XV, 715 (139-161 AD).

9269 Brick-stamp CIL XV, 83 (123 AD).

9270 Fragment of imbrex with stamp CIL XV, 2199

(Hadrianic).

9271 Brick-stamp *EX PR DOMIT DOM I TAVENIATTIC* [---].

9272 Round brick-stamp with letters *CHILS* and a *C* in the centre.

9273 Brick-stamp CIL XV, 19 (114 AD).

9274 Fragment of *amphora*, with stamp *ILFFUSCI*.

9275 Fragment of frieze with part of a wing; meas. 0.16 x 0.09.

9276 Lamp, shape almost CIL XV, 31, with stamp CIL XV, 6296a. Damaged, preserved l. 0.097.

9277 Lamp, shape CIL XV, 27. L. 0.098.

9278 Lamp. Damaged. L. 0.114.

(bronze):

9279 Medallion, perhaps with head of Marcus Aurelius, *quadriga* on reverse. Diam. 0.038; th. 5

mm.

9279 Bronze coin. Diam. 0.037; th. 2 mm.

9280 Twenty-eight bronze coins.

In 1915 were found, in the spaces between basalt blocks inside the building (GdS 1915, 88):

- Eleven bronze coins.

Length, width and area of building:

Total l. of east wall: 46.38; total l. of central wall (north-south): 46.53; total l. of west wall of building: 46.64; total l. of west wall of alley: 46.41; av. total l. 46.49.

Total l. of north wall of building: 20.17; total l. of south wall of building: 20.02; av. w. of alley: 2.81.

Total area of building: c. 729.5 m² (excl. walls), c. 934 m² (incl. walls); total area incl. alley: c. 836 m² (excl. walls), c. 1065 m² (incl. walls).

Molino I,XIII,4

Catalogue

Bernard Meijlink

§ 1 INTRODUCTION

The description follows the model used in Boersma 1985 for buildings V,II,1-3 and 6-14, including the alternations to this model proposed by J.Th. Bakker. In numbering the rooms the complex is divided in three parts: the west *tabernae*, the central part and the east *tabernae*. In each part the rooms are numbered from north to south. The order of the description follows the numbers of the rooms, but is preceded by a description of the west and east facade. The description slightly deviates from the magnetic north to facilitate the description.

The description of each room in the Molino is presented clockwise regardless of the date, and is divided into the next parts:

A. Lengths of respectively the north, east, south and west wall.

B. Wall-descriptions. The walls are subdivided into different wall-parts when there is a difference in masonry, a restoration or a blocking. The different sections are indicated with a small letter. Doorways, passages and windows are also treated in this part. The sections on both sides of a doorway are always treated as two different wall-parts. Small antique repairs are not provided with a separate letter.

C. The floor.

D. The ceiling. In this part beamholes and other holes of any interest are described. Of the measurements of the holes the first two are horizontal measurements from the left end of the wall and the last two vertical measurements from the floor.

E. Features and objects attested in the room.

All measurements are in metres. The length of a brick or tufello is the horizontal measurement, the thickness the vertical measurement. The width of the latericum-piers in the opus mixtum is the horizontal measurement, while the thickness of the teeth of these piers is the vertical measurement. The thickness of the teeth is measured with the inclusion of one joint below the teeth. The teeth are numbered from the floor upwards. The measurements of the *tesserae* in the opus mixtum or opus reticulatum are taken along the diagonals.

The modulus in the opus latericum is the vertical measurement of five bricks and five joints. For the vittatum A 1+1 stands for the vertical measurement of

one brick, one tufello and two joints, 1+1+1 for the vertical measurement of one brick, one tufello, one brick and two joints. For the vittatum B 1+1+1 stands for the vertical measurement of one brick, two tufelli and three joints, 1+1+1+1 for the vertical measurement of one brick, two tufelli, one brick and three joints. "Fresh" bricks are new ones, on reused bricks traces can be seen of removed earlier mortar.

Unless mentioned otherwise the walls are preserved up to a height varying between 2.50 till 3.25.

§ 2 DESCRIPTION (fall 1989)

2A Outer walls

For the outer north wall see the descriptions of the south wall of corridor 17, 18 and 19. The outer south wall could not be studied because it abuts the north wall of I,XIII,5.

OUTER WEST WALL. L. 25.25.

Doorway to corridor 17, w. 2.15. Corner of north wall of corridor 17 contains four large tufa-blocks on top of each other (l. of each 1.20; from bottom to top h. resp. 0.17 (partly in the ground), 0.61, 0.565 and 0.60; w. resp. 0.64, 0.91, 0.63 and 0.675).

a Column, diam. 0.87, two drums of modern concrete, h. of lower one (partly under present floor-level) 0.40, of upper one 0.65.

Doorway to room 1, w. 3.66.

b Column, diam. 0.89/0.90, small part of travertine drum still visible above floor-level, h. 0.23, on top of this two drums of modern concrete h. resp. 0.665 and 0.675.

Doorway to room 3, w. 4.06.

c Column, diam. 0.83/0.815. Because excavators left a hole open around this column the lower travertine part of the column is visible and also part of the masonry underneath the base of the column. The lower part of the base is square (w. 1.17, h. 0.08). Above is an inwards sloping part, h. 0.075, with on top a round torus (diam. 1.10, h. 0.15). Next comes a decorative band (h. 0.06) and finally attached to it part of a drum (h. 0.51). H. of entire base including the drum-part 0.875. On top of this part are two drums of modern concrete, h. of both 0.67. The

column has at the front two vertical inward cuttings (w. 0.04/0.045) with a receding part in between (w. 0.60). The bottom of the base is about 1.00 below present floor-level.

Beneath the column-base a piece of opus latericium can be seen of dark-red to pink bricks, three courses at the front and seven at the back (l. 1.20, w. 0.50). Meas. of bricks: l. 0.18, 0.21, 0.26, 0.22, 0.16 (av. 0.206); th. 0.042, 0.04, 0.048, 0.041, 0.042 (av. 0.043); th. of joints 0.016, 0.019, 0.02, 0.028, 0.018 (av. 0.022). Modulus: 0.298. Mortar red by abundance of red pozzolana, rather well sieved. The mortar could not be studied in detail due to the presence of moss and decay. The mortar between the bottom of the column-base and the latericium is black/dark-grey and therefore does not belong to the same building period as the section in latericium.

Doorway to room 4, w. 1.64. The hole around column c continues in front of room 4, where rough opus caementicium below floor-level and the end of a drainage-channel can be seen.

d Latericium, l. 1.89, w. 0.52, h. 1.80. Bricks orange, yellow, dark-yellow and pink, mainly fresh. Meas. of bricks: l. 0.235, 0.245, 0.26, 0.23 (av. 0.242); th. 0.028, 0.028, 0.03, 0.034 (av. 0.03); th. of joints 0.017, 0.018, 0.019, 0.02, 0.021 (av. 0.019). Modulus: 0.242, 0.240, 0.235 (av. 0.239). Mortar light-pink, rather badly sieved, black and dark-grey pozzolana, some red and light-brown pozzolana. Other granules: small pieces of lime and brick, pebbles. The mortar is hard.

Doorway to room 5, w. 3.43. The doorway reaches till column e around which a hole has been left open. From d till the hole three threshold-stones are preserved, l. resp. 0.44, 1.29 and 0.44, w. 0.37, 0.25 and 0.25 wide. All three have a groove 0.035 wide at 0.09 from the front.

e Column, diam. 0.87/0.95. Base c. 1.00 below street-level: square base (w. 1.17, h. 0.125); torus (w. 1.17, h. 0.135); decorative band between torus and drum-part (h. 0.019); drum-part (h. 0.35). H. of entire base including drum-part 0.628. On top two drums of modern concrete, h. resp. 0.645 and 0.615. The column has at the front and the back two inward cuttings, w. 0.035, with a receding part in between, w. at the front 0.80, at the back 0.82.

The column-base rests on top of a wall-part in latericium of four courses (l. 1.20, w. 0.52). Bricks dark-reddish to pink, mainly fresh. Meas. of bricks: l. 0.31, 0.29, 0.245, 0.235 (av. 0.27); th. 0.042, 0.04, 0.047 (av. 0.043); th. of joints 0.015, 0.017, 0.02, 0.025 (av. 0.019). Modulus: 0.295. Mortar red, hard to study in detail due to moss and decay. Here too the mortar in between the bottom of the column and the wall-part is black/dark-grey. This wall-part and the wall-part beneath column c stand in a straight line on the same line as the present facade and are on both sides crumbled so that the original length cannot be determined.

f Opus caementicium, l. 0.19, h. 1.24, w. 0.51.

Perhaps completely modern (built in order to attach wall-part g to column e).

g Latericium, l. 0.41, h. 1.60, w. 0.52. Bricks orange, yellow and dark-yellow, mainly fresh, but many reused. Meas. of bricks: l. 0.201, 0.21, 0.223 (av. 0.211); l. 0.142, 0.154, 0.162 (av. 0.152); th. 0.032, 0.034, 0.037 (av. 0.034); th. of joints 0.015, 0.02, 0.023, 0.023 (av. 0.02). Modulus: 0.25/0.255. Mortar light-grey; very badly sieved. Large dark-grey and black pozzolana-granules and some brown pozzolana. Other granules: rather large pieces of lime and marble, a few small pieces of brick, and pebbles. The mortar is rather hard.

Doorway to room 6/7, w. 3.42. Threshold of five stones (l. resp. 0.59, 0.48, 0.74, 0.67, 0.94, w. 0.29, 0.34, 0.30, 0.29, 0.27). The stones have a groove (w. 0.035, 0.09 from the front), except for the last stone against h, that has a raised edge at the front (w. 0.09). The adjoining stone has a groove for only 0.30 in the stone and for 0.37 also a raised edge connected to the edge of the fifth stone.

h Latericium, l. 0.73, w. 0.52. Stands against the facade I,XIII,5. In between is a vertical joint which from 0.66 upwards becomes wider and is filled with vertically placed bricks. This wall-part is authentic up to h. 0.93. Bricks dark-reddish to pink and fresh. Meas. of bricks: l. 0.225, 0.30 (av. 0.263); th. 0.038, 0.046 (av. 0.042); th. of joints 0.008, 0.016 (av. 0.012). Modulus: 0.265, 0.275. Mortar reddish, rather badly sieved; much red pozzolana, also light-brown, dark-brown, dark-grey pozzolana. Other granules: a few small pieces of lime and a few pebbles. The mortar is very hard.

OUTER EAST WALL. Measurable l. 20.14.

Doorway to corridor 19, w. cannot be measured since the end of the wall between corridor 19 and room 12 is missing. At the end of the north wall of corridor 19 is a wall-part in north-south direction in latericium (l. 1.00, w. 0.73). It is difficult to tell whether the entire wall-part is modern or not.

Doorway to room 12, w. uncertain due to absence of end of north wall.

a Wall-part at the end of the wall between room 12 and 13, l. 1.14, crumbled at north end; w. 0.51, h. 0.52; on top of caementicium-foundation, 0.16 above present ground-level, is a bipedal; on top of bipedal wall-part is rebuilt in modern times except for five courses at the north side. The bipedal protrudes a little at each side.

Doorway to room 13, w. 3.20.

b Wall-part at the end of wall between room 13 and 14, l. 1.01, w. 0.51, h. 0.64. On top of caementicium-foundation is a bipedal, on top of which the wall-part was rebuilt in modern times. The bipedal protrudes at all sides.

Doorway to room 14, w. 3.00. Of the threshold remains a stone with pivot-hole against the north side of the doorway (l. 0.38, w. 0.29).

c Wall-part at the end of wall between room 14 and

15, l. 1.16, w. 0.51, h. 0.72. Rebuilt in modern times.

Doorway to room 15, w. 2.97.

d Wall-part at the end of wall between room 15 and 16, l. c. 1.02, w. c. 0.51, h. 0.09.

Doorway to room 16. W. cannot be measured, because the end of the south wall of 16 has not been preserved.

2B Rooms 1-19

ROOM 1

A. 8.30; 3.62; 6.22; 3.995.

B. North a Vittatum A, l. 6.28, w. 0.45. Bricks red, yellow, orange and pink, fresh and reused. Meas. of bricks: l. 0.20, 0.229, 0.195 (av. 0.208); l. 0.16, 0.15, 0.179 (av. 0.163); th. 0.036, 0.042, 0.036, 0.034, 0.036, 0.048, 0.02 (av. 0.036). The tufelli are in all kind of colours and rather irregularly shaped. Meas. of tufelli: l. 0.178, 0.096, 0.17, 0.164, 0.201, 0.144 (av. 0.158); th. 0.07, 0.07, 0.078, 0.074, 0.076, 0.069 (av. 0.072); th. of joints: 0.025, 0.035, 0.021, 0.025, 0.025, 0.033 (av. 0.027); 1+1: 0.156, 0.154, 0.146, 0.162 (av. 0.154); 1+1+1: 0.189, 0.182, 0.187 (av. 0.186). Mortar light-grey, badly sieved. Mostly black and dark-grey pozzolana, also some red. Other granules: shell, small pieces of lime and marble, pottery. The mortar is hard. At places antique daubing: light-yellowish grey, very well sieved, almost no other granules. Masonry: though laid rather regularly a fairly irregular aspect due to the rough surface of the tufelli. At the bottom of the wall sesquipedales protruding 0.09/0.10; w. 0.035/0.04 wide, av. l. 0.44.

Doorway to corridor 17, w. 0.845, h. 1.98. Traces of a raised threshold. The vittatum continues along the bottom of the doorway. Lintel of modern concrete. Above an arch of bricks (l. 0.35, 0.33, 0.30, 0.31 (av. 0.322)). Arch filled up with modern vittatum.

b Vittatum A, l. 1.17, w. 0.45. Like a. Meas. of bricks: l. 0.18, 0.21 (av. 0.195); l. 0.164, 0.152, 0.13, 0.135 (av. 0.145); th. 0.04, 0.045, 0.042, 0.04, 0.03, 0.032 (av. 0.038). Meas. of tufelli: l. 0.176, 0.12, 0.216, 0.13, 0.232, 0.117 (av. 0.145); th. 0.075, 0.07, 0.067, 0.072, 0.075, 0.068 (av. 0.071); th. of joints: 0.025, 0.02, 0.03, 0.023, 0.036, 0.03 (av. 0.027); 1+1: 0.155, 0.15, 0.154 (av. 0.153); 1+1+1: 0.197, 0.19, 0.186 (av. 0.191).

East a Mixtum, l. 1.17, w. 0.44. The mixtum has been preserved to h. 1.20. Above this point is the beginning of vittatum. In the north wall there is a rough trace of the missing vittatum. The mixtum of the east wall is earlier than the north wall. *Tesserae* yellow-brown and shaped to fit above, beneath and next to the teeth of the latericium-pier. Meas. of *tesserae*: 0.095 x 0.097, 0.107 x 0.103; th. of joints: 0.012, 0.015 (av. 0.013). Latericium in the mixtum: a band of three courses along bottom of wall, a door-jamb with two teeth of each three courses. Distance between band and tooth 0.305, between the two teeth 0.285. W. of door-post 0.315, th. of teeth 0.175,

0.155, l. of teeth 0.285, 0.295. Bricks pink-red, a few yellow and orange, mainly fresh, a few reused (especially the yellow). Meas. of bricks: l. 0.20, 0.225 (av. 0.212); l. 0.09, 0.115 (av. 0.102); th. 0.04, 0.042 (av. 0.041); th. 0.033, 0.037 (av. 0.035); th. of joints 0.015, 0.015, 0.01 (av. 0.013). Modulus: 0.26. Mortar dark-grey, badly sieved, a lot of black, dark-grey and dark-brown pozzolana. Other granules: a few small pieces of lime. The mortar is rather soft. Masonry: the latericium is rather regular, the reticulatum is rather irregular.

Doorway to room 2, w. 1.18, h. cannot be measured. Threshold or substructure of threshold of sesquipedales.

b Mixtum, l. 1.27, w. 0.44, preserved to h. 1.06. This wall-part was almost completely daubed or rebuilt in modern times. At the bottom in the corner with the south wall an authentic part of masonry. Here can be observed that the east and the south wall are contemporary.

South a Mixtum, l. 1.49, w. 0.44, preserved to h. 1.20. *Tesserae* mainly yellow-brown and shaped to fit above, under and next to the teeth of the latericium-door-post. Meas. of *tesserae*: 0.095 x 0.088, 0.084 x 0.093; th. of joints: 0.011, 0.005, 0.015, 0.008 (av. 0.01). Latericium in the mixtum: band of three courses along the bottom of the wall, door-post at west end with only at the east side two teeth of three courses each. Distance between band and tooth 0.285, between the teeth 0.306. W. of door-post 0.295, l. of teeth 0.300, 0.306, th. of teeth 0.173, 0.168. Bricks pink-red, a few yellow, mainly fresh. Meas. of bricks: l. 0.215, 0.178 (av. 0.196); l. 0.072, 0.10 (av. 0.086); th. 0.036, 0.041 (av. 0.038); th. 0.032, 0.04 (av. 0.036); th. of joints: 0.015, 0.018, 0.017, 0.022 (av. 0.018). Modulus: 0.275. Mortar dark-grey, badly sieved, a lot of dark-grey and black pozzolana. Other granules: a few small pieces of lime, some small pieces of pottery. The mortar is soft. Masonry: latericium rather regular, reticulatum fairly irregular.

b Blocked doorway in reticulatum, l. 1.46, w. 0.44. Preserved up to 1.21. *Tesserae* mainly rubiginous-brown, a few yellow-brown. Meas. of *tesserae*: 0.094 x 0.092, 0.097 x 0.10; th. of joints 0.012, 0.02, 0.011, 0.008 (av. 0.013). Mortar light-grey, reasonably sieved, not much pozzolana, mainly rubiginous-brown and dark-brown and at places dark-grey. Other granules: rather large pieces of marble. The mortar is reasonably hard. Masonry rather irregular.

c Mixtum, l. 3.27, w. 0.46, preserved up to 1.25. *Tesserae* mainly yellow-brown and shaped to fit above, under and next to the teeth of the latericium-posts. Meas. of *tesserae*: 0.097 x 0.094, 0.09 x 0.09; th. of joints: 0.011, 0.018, 0.019, 0.015 (av. 0.016). Latericium in the mixtum: band of three courses along the bottom of the wall, door-post with only at the west side two teeth of three courses each. Distance between band and tooth 0.285, between the teeth 0.295. W. of door-post 0.31, th. of teeth 0.183, l. 0.280, 0.314. Latericium-post against column b

with a tooth of three courses. W. of post 0.492, th. of tooth 0.187, l. 0.294. Bricks in the door-post and band along the bottom of the wall pink-red; in the post against column b also orange and yellow, mainly fresh. This post was daubed in modern times and could be modern for a great part. Meas. of bricks: l. 0.21, 0.184 (av. 0.197); l. 0.092, 0.082 (av. 0.087); th. 0.044, 0.036, 0.04, 0.039 (av. 0.04); th. of joints 0.018, 0.02, 0.021, 0.016 (av. 0.019). Modulus: 0.285. Mortar and masonry: see a.

C. ---

D. One beamhole through the entire wall in north a, 3.12-3.25 x 1.10-1.24; beneath this beamhole there is some sort of niche hewn in the wall with at the bottom some extra vittatum put in later with brown, well sieved mortar, 3.12-3.56 x 0.76-1.20. In north a also a high putlog-hole, 5.00-5.14 x 2.15-2.27.

E. In the north-east corner a remnant of plaster.

ROOM 2

A. 3.61; 3.69; 3.60; 3.62.

B. North a Vittatum A, l. 0.59, w. 0.44. Like room 1, north a and b. Meas. of tufelli: l. 0.225, 0.18, 0.23, 0.12 (av. 0.196); th. 0.08, 0.07, 0.075 (av. 0.075). Meas. of bricks: l. 0.232, 0.295, 0.143 (av. 0.223); th. 0.042, 0.038, 0.02 (av. 0.033); th. of joints: 0.042, 0.026, 0.02 (av. 0.029); 1+1: 0.132, 0.157 (av. 0.144). At h. 0.24 a double course of tufelli; upper side of lower course is at the level of the beginning of the raised threshold. At a height of 1.60 a double course of bricks; apparently this is the result of the irregular way the masonry was laid.

Doorway to corridor 17, w. 0.85, h. 1.87. Remnants of a raised threshold preserved up to 0.31 above the course of sesquipedales at the bottom of the wall. The vittatum seems to continue underneath the threshold. Above the doorway a lintel of modern concrete; above this an arch of bricks (l. 0.346, 0.40, 0.334 (av. 0.360)). The arch is filled up with modern vittatum.

b Vittatum A, l. 2.17, w. 0.45. Like a. Meas. of tufelli: l. 0.22, 0.176, 0.16 (av. 0.185); th. 0.068, 0.072, 0.074 (av. 0.071). Meas. of bricks: l. 0.18, 0.173, 0.21 (av. 0.188); th. 0.04, 0.035, 0.035 (av. 0.036); th. of joints 0.048, 0.026, 0.024 (av. 0.033). At the bottom of the wall sesquipedales protruding 0.080/0.097; w. 0.041/0.05, av. l. 0.434.

East a Vittatum B (one course of bricks, two courses of tufelli, one course of bricks), l. 3.69, w. c. 0.45. Although the vittatum differs this wall is contemporary with the north wall. The mortar of both walls joins in the corner. The tufelli are of all kinds of colours. Meas. of tufelli: l. 0.195, 0.215, 0.155 (av. 0.188); th. 0.074, 0.08, 0.076 (av. 0.077). Bricks orange, brown-red, red, pink, light-pink, dark-yellow and yellow, fresh and reused. Meas. of bricks: l. 0.17, 0.123, 0.137 (av. 0.143); th. 0.037, 0.03, 0.027 (av. 0.031); th. of joints 0.023, 0.03, 0.032, 0.04 (av. 0.031); 1+1+1: 0.23, 0.233 (av. 0.232); 1+1+1+1: 0.289, 0.295 (av. 0.295). Mortar light-grey (at places yellowish grey), badly sieved, brown, grey, black,

rubiginous-brown and a little bit of red pozzolana. Other granules: charcoal, glass, pottery, pieces of brick, marble and lime, mosaic-*tesserae*, bone. The mortar is tenacious and hard. At places pink-yellow grey daubing preserved, well sieved and almost without granules. Masonry: although the meas. of the stones can differ quite a lot the masonry looks rather regular. The courses lie quite straight.

South a Mixtum, l. 1.20, w. 0.44. Preserved up to 1.577, raising up to c. 2.00 against the east wall. This wall is earlier than the east wall in vittatum B. *Tesserae* mainly yellow-brown and made to fit next to, above and under the teeth of the latericum-posts and shaped into triangles beneath the sesquipedales. Meas. of *tesserae*: 0.10 x 0.098, 0.093 x 0.103, 0.10 x 0.10; th. of joints: 0.011, 0.015, 0.018, 0.02 (av. 0.016). Latericum in the mixtum: door-post at west end with two teeth and the remnants of a third just above the sesquipedales. Band of two or more courses of bricks along the bottom of the wall. Course of sesquipedales at 1.24 from the bottom. Distance between band and tooth 0.293, between both teeth 0.30, between tooth 2 and sesquipedales 0.287. W. of door-post 0.295, th. of teeth 1 and 2 (both of three courses) 0.18, 0.170, th. of tooth 3 (of five courses) 0.292, l. of teeth 0.278, 0.29, 0.30. Bricks pink-red, a few yellow and orange-red, mainly fresh. Meas. of bricks: l. 0.20, 0.154, 0.144, 0.275 (av. 0.193); th. 0.042, 0.035, 0.04, 0.04 (av. 0.039); th. of joints: 0.02, 0.025, 0.017, 0.015 (av. 0.019). Modulus: 0.284, 0.273 (av. 0.279). Mortar dark-grey, rather badly sieved, much dark-grey and black pozzolana, a little bit of dark-brown. Other granules: at places a pebble. The mortar is fairly soft, between the latericum harder. Masonry: latericum rather regular, reticulatum less regular.

Doorway to room 3, w. 1.17. Threshold or substructure of threshold of sesquipedales, that continue on both sides of the doorway beneath the wall and protrude 0.010 from the wall.

b Mixtum, l. 1.23, w. 0.46, preserved up to 1.12. *Tesserae* mainly yellow-brown and shaped to fit next to, under and above the teeth of the latericum post. Meas. of *tesserae*: 0.095 x 0.095, 0.093 x 0.091; th. of joints: 0.019, 0.017, 0.016, 0.022 (av. 0.019). Latericum in the mixtum: band of two or more courses along the bottom of the wall, door-post at east end with two teeth. Distance between band and first tooth 0.303, between the teeth 0.303. W. of door-post 0.32/0.30, th. of teeth 0.187, 0.165, l. of teeth 0.31, 0.295. Bricks pink-red, a few yellow and orange, mainly fresh. Meas. of bricks: l. 0.175, 0.22, 0.182, 0.141 (av. 0.18); th. 0.041, 0.041, 0.043, 0.039 (av. 0.041); th. of joints: 0.02, 0.017, 0.025, 0.019 (av. 0.02). Modulus: 0.275. Mortar: like a, near the bottom of the door-post a lot of red pozzolana. Masonry: like a

West a Mixtum, l. 1.24, w. 0.44, preserved up to 1.06. See 1, east b. Probably for a great deal rebuilt in modern times.

Doorway to room 1. See 1, east.

b Mixtum, l. 1.20, w. 0.44. See 1, east a. Modulus of latericium in mixtum: 0.277, 0.288.

C. ---

D. Large blocked hole in north wall, 2.77-3.02 x 2.09-2.51, five scaffolding-holes in east wall (av. h. 1.36-1.47).

E. Against north wall remnants of pink-grey plaster, not very well sieved, with granules of all kind of colours. Against west wall remnants of rather rough plaster with a lot of small pieces of brick.

ROOM 3

A. 10.00; 4.245; 7.91; 4.73.

B. North a Mixtum, l. 3.03, w. 0.46, preserved up to 1.25. Like 1, south c. W. of latericium-post against column b 0.29. Modulus: 0.29, 0.30.

b Reticulatum, l. 1.46, w. 0.44, preserved up to 1.21. Like 1, south b.

c Mixtum, l. 3.15, w. 0.44/0.46, preserved up to 1.20/1.12. Like 1, south a and 2, south b. Modulus: 0.261, 0.275

Doorway to room 2, w. 1.17. See 2, south doorway.

d Mixtum, l. 1.19, w. 0.44, preserved up to 1.57, rising up to c. 2.00 against east wall. Like 2, south a. Modulus: 0.28.

East a Vittatum B, l. 4.245, w. c. 0.45. Entirely like 2, east. The mortar of this wall is smeared against the *tesserae* of the north wall in the north-east corner. The east wall is therefore later than the north wall. The wall is also put against the south wall and is therefore also later than the south wall.

South a Mixtum, l. 2.21, w. 0.46. *Tesserae* mainly yellow-brown and shaped to fit next to, above and beneath the teeth of the latericium-post and shaped to triangles beneath the sesquipedales. Meas. of *tesserae*: 0.10 x 0.094, 0.094 x 0.094, 0.080 x 0.088; th. of joints: 0.014, 0.012, 0.015, 0.02 (av. 0.015). Latericium in the mixtum: band of three courses of bricks along the bottom of the wall, door-post at west end with three teeth, courses of sesquipedales at 1.20 and 2.43 from the band along the bottom. Distance between both courses 1.191, distance between band and first tooth 0.305, between first and second tooth 0.284, between second tooth and sesquipedales 0.305, between sesquipedales and third tooth 0.333 and between third tooth and second course of sesquipedales 0.59. W. of door-post 0.325/0.30, th. of first and second tooth (three courses) 0.18, 0.183, th. of third tooth (five courses) 0.285, l. of teeth 0.29, 0.29, 0.30. Bricks mainly pink-red, a few light-pink, mainly fresh; sesquipedales yellow and pink, w. 0.037, 0.039. Meas. of bricks: l. 0.195, 0.194, 0.205 (av. 0.198); l. 0.095, 0.083, 0.107 (av. 0.095); th. 0.043, 0.035, 0.045, 0.038, 0.043, 0.044 (av. 0.041); th. of joints: 0.017, 0.019, 0.012 (av. 0.016). Modulus: 0.279, 0.276. Mortar: dark- to light-grey, rather badly sieved, a lot of dark-grey and black pozzolana, also dark-brown. Other granules: a few pebbles and a few small pieces of lime. The mortar is

at places hard. Above the first course of sesquipedales finer daubing of the same nature as the mortar has been preserved. Masonry: latericium rather regular, reticulatum less regular; *tesserae* not always hewn and placed neatly. The diagonal lines of the reticulatum are not always in a perfect angle of 45 degrees.

b Vittatum A, l. 0.61, w. 0.46. Narrowing of doorway to room 4. The tufelli are brown, yellow-brown, orange-brown and dark-brown. Meas. vary considerably: l. 0.179, 0.255, 0.098 (av. 0.177); th. 0.09, 0.103, 0.070 (av. 0.088). Bricks orange-yellow, yellow, orange and pink, both fresh and reused, also tiles. Meas. of bricks: l. 0.183, 0.205, 0.152 (av. 0.18); th. 0.038, 0.032, 0.035, 0.028, 0.026 (av. 0.032); th. of joints: 0.019, 0.021, 0.023, 0.026 (av. 0.022); 1+1: 0.169, 0.135 (av. 0.152); 1+1+1: 0.207, 0.172 (av. 0.189). Mortar: light-grey, badly sieved, little pozzolana, brown, grey and black. Other granules: pebbles of different sizes and colours, mosaic-*tesserae*, pieces of marble. The mortar is not very hard. Masonry: at places very irregular, caused by placement and varying meas. of the stones.

c Latericium, l. 0.88, w. 0.46. Blocking of narrowed doorway to room 4. The mortar of c is smeared against b, so c is later than b. Bricks orange, pink-red, yellow, pink-yellow, pink, both fresh and reused. Meas. of bricks: l. 0.25, 0.267, 0.218, 0.20 (av. 0.234); th. 0.028, 0.028, 0.032, 0.038 (av. 0.032); th. of joints: 0.023, 0.022, 0.028 (av. 0.024). Modulus: 0.253, 0.262 (av. 0.258). Mortar: reddish grey, rather badly sieved, a lot of red, brown and black pozzolana (many small and a few large granules). Other granules: a lot of small pieces of marble and lime, at places pebbles. At many places a very smooth and well sieved daubing of which the colour varies between whitish and reddish grey. Masonry: the courses of bricks are laid regularly and run fairly horizontal.

From the ground till 0.46 c is in opus incertum with square and rectangular tufelli of varying sizes. The mortar seems to be the same as the mortar higher in the wall, yet a separation is not impossible.

Above b and c, probably caused by the removal of the lintel, the wall slightly sagged. To avoid further sagging the open space of the lintel (so also partly in a and d) was filled in with *tesserae* placed horizontally instead of diagonally. Partly over b and entirely over c two reused sesquipedales were placed beneath the *tesserae*. The mortar of this part: light-grey, very badly sieved with hardly any pozzolana. Other granules: small pieces of marble, large pieces of pottery, small pieces of tufa, all kinds of pebbles. The mortar is reasonably hard.

d Mixtum, l. 3.93, w. 0.46. Like a. *Tesserae* mainly yellow-brown, above the sesquipedales also orange-brown; shaped to fit next to, above and underneath the teeth of the latericium-posts and shaped to triangles beneath the sesquipedales. Meas. of *tesserae*: 0.090 x 0.094, 0.091 x 0.092; th. of joints:

0.018, 0.015, 0.01, 0.01, 0.015 (av. 0.014). Latericium in the mixtum: band of three courses along the bottom of the wall (lowest course of sesquipedales), sesquipedales at 1.185 from the band along the bottom, traces of a second course of sesquipedales at 2.44 from the band. Distance between both courses 1.184. Door-post at east end with three teeth. Distance between band and first tooth 0.31, between first and second tooth 0.295, between second tooth and sesquipedales 0.283, between third tooth and sesquipedales 0.295. W. of door-post 0.30, th. of first and second tooth (three courses) 0.17, 0.159, th. of third tooth (five courses) 0.286. L. of teeth 0.296, 0.30, 0.30. Door-post at west end against column c with three teeth. Distance between band and first tooth 0.305, between first and second tooth 0.284, between second tooth and sesquipedales 0.297 and between sesquipedales and third tooth 0.32. W. of door-post 0.305, th. of first and second tooth (three courses) 0.18, 0.172, th. of third tooth (five courses) 0.31. L. of teeth 0.285, 0.30, 0.27. Bricks pink-red, a few yellow and orange, mainly fresh. Meas. of bricks: l. 0.195, 0.195, 0.21 (av. 0.20); l. 0.097, 0.087, 0.092 (av. 0.092); th. 0.035, 0.04, 0.038, 0.045 (av. 0.04); th. of joints: 0.017, 0.016, 0.014, 0.02 (av. 0.017). Modulus: 0.271, 0.275, 0.272 (av. 0.273). Mortar: like in a, at places also lighter grey and more brown pozzolana. Modern daubing against column c. Masonry: like a.

Below the latericium-band along the bottom of the wall in the hole around column c a stretch of opus incertum can be seen. The mortar resembles that of the mixtum above the band. H. of this stretch of incertum 0.71. Underneath the incertum a stretch of reticulatum (h. 0.395) can be seen. Between the incertum and the reticulatum is a course of bricks belonging to the period of the incertum. The colour of the reticulatum-*tesserae* is hard to determine due to moss and decay. Meas. of *tesserae*: 0.095 x 0.095, 0.102 x 0.10; th. of joints: 0.08, 0.08, 0.07, 0.09 (av. 0.08). Mortar: reddish; difficult to study into detail due to mould and decay. Masonry: regular diagonal lines.

C. One basalt-block can be seen, probably from room 8.

D. In north wall one beamhole: 9.37-9.55 x 1.50-1.72. In east wall three lower beamholes: 0.00-0.19 x 1.63-1.85, 1.98-2.20 x 1.57-1.74, 2.93-3.055 x 1.09-1.27; two higher beamholes: 0.15-0.34 x 1.89-2.05, 1.025-1.185 x 1.87-2.01, line of six scaffolding-holes (five filled in, one through the wall) av. h. 1.47-1.58. In south wall three beamholes to the left of blocked doorway: 0.41-0.63 x 1.54-1.70, 1.18-1.36 x 1.53-1.70, 1.90-2.06 x 1.53-1.70; two to the right: 3.97-4.08 x 1.47-1.64, 4.78-4.92 x 1.48-1.65; one near column c: 6.94-7.10 x 1.50-1.69. In the narrowing of the doorway in vittatum is a larger hole: 2.36-3.51 x 1.86-2.00; in right door-post: 3.775-3.89 x 0.94-1.17. To the left of the doorway are two larger holes filled in with the same mortar as used for the sloppy

restoration above the blocked doorway: 0.00-0.35 x 2.23-2.40, 0.99-1.19 x 2.15-2.38. Two rectangular holes against the east wall: 0.00-0.45 x 0.99-1.13, 0.00-0.42 x 0.67-0.75.

E. A basalt-block probably coming from the floor in room 8; a travertine column-drum with fluting, diam 0.87, h. 0.62.

ROOM 4

A. 10.084; 1.40; 10.25; 1.53.

B. North a Mixtum, l. 4.01, w. 0.46. Like 3, south d. Meas. of *tesserae*: 0.098 x 0.095, 0.105 x 0.103; th. of joints: 0.015, 0.013, 0.01, 0.018, 0.013, 0.008 (av. 0.013). W. of post against column c: 0.38/0.40; w. of door-post against b: 0.29/0.30. Modulus: 0.293, 0.299, 0.273, 0.285, 0.262 (av. 0.282). Mortar: like 3, south d, but at places some more brown pozzolana.

b Latericium, l. 0.88, w. 0.46. Like 3, south c. Th. of joints: 0.027, 0.024, 0.03 (av. 0.027). Modulus: 0.277, 0.256 (av. 0.267).

c Vittatum A, l. 0.60, w. 0.46. Like 3, south b. Th. of joints: 0.031, 0.025, 0.014 (av. 0.023); 1+1: 0.139, 0.146 (av. 0.143). Mortar: like 3, south b, but a little more pozzolana: light- and dark-brown and a little black.

d Mixtum, l. 5.35, w. 0.46/0.45. Like 3, south a. *Tesserae* mainly yellow-brown towards the west and orange-brown towards the east; carelessly shaped to fit beneath the sesquipedales and beneath and above the teeth of the latericium-posts. Meas. of *tesserae*: 0.10 x 0.094, 0.096 x 0.101, 0.098 x 0.10; th. of joints: 0.015, 0.018, 0.009, 0.019, 0.015, 0.016 (av. 0.015). Latericium in the mixtum: like 3, south a. Bricks mainly fresh, at places reused. W. of post against c: 0.295/0.30; w. of post at east end: 0.28/0.305. Both have teeth like 3, south a and c. Modulus: 0.329, 0.276, 0.297, 0.297 (av. 0.30). Mortar: towards the west like 3, south a; towards the east the mortar becomes lighter and contains more brown pozzolana. Below the sesquipedales at places also reddish grey mortar with red pozzolana, especially in the post at the east end. This reddish mortar contains fewer small pieces of lime. Masonry: like 3, south a. From 1.40 upwards in the latericium-post at the east end of the wall there is a restoration getting wider towards the top of the wall. The restoration is in latericium and contains fresh and reused bricks and tiles of all kinds of colours and sizes. Modulus: 0.241, 0.291 (av. 0.266). The mortar is mainly light-grey with brown and black discolourations; relatively little pozzolana (brown, black and some red). Many other granules: pieces of brick, pieces of lime and pebbles. The mortar is reasonably hard.

East Opening to room 8, l. 1.40.

South a Mixtum, l. 3.42, w. 0.45. Entirely like north a and d. *Tesserae* mainly yellow-brown, at places orange-brown, carelessly shaped to fit beneath the sesquipedales and beneath and above the teeth. Meas. of *tesserae*: 0.097 x 0.10, 0.10 x 0.098; th. of joints:

0.018, 0.014, 0.008, 0.012, 0.015, 0.009 (av. 0.013). Latericium in the mixtum: band along the bottom of the wall not visible. Two courses of sesquipedales; distance between them 1.225. Post at east end with five teeth; distance between first and second tooth 0.265, between second tooth and sesquipedales 0.234, between sesquipedales and third tooth 0.313, between third and fourth tooth 0.302, between fourth tooth and second course of sesquipedales 0.035 (one thick joint), between sesquipedales and fifth tooth 0.335. W. of post 0.755/0.76, th. of first and second tooth (three courses) 0.165, 0.16, of third and fourth tooth (five courses) 0.295, 0.315, of fifth tooth only two courses of bricks preserved. L. of teeth: 0.29, 0.305, 0.295, 0.34, 0.305. Door-post against b with five teeth. Distance between first and second tooth 0.30, between second and third tooth 0.22, between third tooth and sesquipedales 0.133, between sesquipedales and fourth tooth 0.315, between fourth and fifth tooth 0.31, between fifth tooth and sesquipedales 0.23. W. of door-post 0.295/0.30. Th. of first, third and fifth tooth (two courses of bricks; fifth tooth is beneath the lintel of the doorway) 0.11, 0.105, 0.115; of second tooth (three courses) 0.175; of fourth tooth (five courses) 0.275. L. of teeth 0.265, 0.292, 0.285, 0.315, 0.305. Bricks pink-red, a few yellow, mainly fresh. Modulus: 0.298, 0.256, 0.282, 0.27 (av. 0.277). Mortar: below the lower course of sesquipedales like north a and d; above the sesquipedales the mortar is lighter with more and often exclusively red-, light- and dark-brown pozzolana. Other granules: small pieces of lime and pebbles. In the post at the east end mainly red and red-brown pozzolana and no small pieces of lime. Masonry: like north a and d

In the latericium-post at the east end at h. 1.10 a part of the restoration of the wall between rooms 5 and 8: till 2.11 latericium with bricks of all kinds of colours and sizes. Modulus: 0.265, 0.263. Above this vittatum A, which is identical to the vittatum of the restoration of the wall between rooms 5 and 8. For a description see 5, east. Above the latericium-door-post at the west end of a the arch of the lintel seems to be filled in with the same vittatum as b.

b Vittatum A, l. 0.62, w. 0.45. Narrowing of doorway. Tufelli of several colours, carelessly hewn. Meas. of tufelli: l. 0.26, 0.185, 0.25, 0.16 (av. 0.214); th. 0.065, 0.075, 0.078 (av. 0.073). Bricks of all kinds of colours and sizes. The thin bricks seem to be fresh. Meas. of bricks: l. 0.215, 0.215, 0.18, 0.168, 0.12 (av. 0.179); th. of joints: 0.012, 0.016, 0.023 (av. 0.017); 1+1: 0.14, 0.143, 0.135 (av. 0.139); 1+1+1: 0.17, 0.168 (av. 0.169). Mortar: light-grey, at places yellowish grey and dark-grey, very badly sieved, relatively little pozzolana (black, brown and grey). Other granules: small pieces of marble, pebbles, mosaic-*tesserae*, small pieces of brick.

Masonry irregular.

Doorway, w. 0.83. Till top of door-post 2.09. Traces of rough opus caementicium at the place of the threshold.

c Mixtum, l. 4.42, w. 0.45. *Tesserae* mainly yellow-brown, also orange, carelessly shaped to fit below the sesquipedales and below and above the teeth. Meas. of *tesserae*: 0.093 x 0.092, 0.10 x 0.106; th. of joints: 0.01, 0.017, 0.013, 0.008 (av. 0.012). Latericium in the mixtum: band along the bottom of the wall not visible. Two courses of sesquipedales in the wall; distance between them 1.223. Door-post at east end with five teeth. Distance between first and second tooth 0.30, between second and third tooth 0.28, between third tooth and sesquipedales 0.147, between sesquipedales and fourth tooth 0.21, between fourth and fifth tooth 0.285, between fifth tooth and sesquipedales 0.605. Above the door-post no more teeth. W. of door-post 0.315; th. of first and third tooth (two courses) 0.105, 0.11, of second, fourth and fifth tooth (three courses) 0.168, 0.185, 0.158. L. of teeth 0.305, 0.30, 0.278, 0.292, 0.29. Post at west end with four teeth. Distance between first and second tooth 0.298, between second tooth and sesquipedales 0.282, between sesquipedales and third tooth 0.028 (one thick joint), between third and fourth tooth 0.315. W. of post 0.75, th. of teeth (three courses) 0.178, 0.158, 0.185, 0.182. L. of teeth 0.373, 0.378, 0.31, 0.285. Courses of sesquipedales continue into the posts. In the post at the west end at h. 0.69 part of the rebuilding of the facade (west facade d). Meas. of bricks: l. 0.21, 0.222, 0.195 (av. 0.209); l. 0.135, 0.13, 0.11 (av. 0.125); th. 0.041, 0.042, 0.043, 0.038, 0.038, 0.04 (av. 0.04); th. of joints: 0.017, 0.01, 0.015, 0.02, 0.023 (av. 0.017). Modulus: 0.252, 0.29, 0.265, 0.272 (av. 0.27). Mortar: dark-grey, badly sieved; black, grey and brown pozzolana. Other granules: small pieces of lime, at places a pebble. The mortar is reasonably hard. Masonry: not very regular; *tesserae* not always placed carefully. The diagonal lines are not always in an angle of 45 degrees. The latericium looks rather regular.

In the hole around column c and in front of the entrance of room 4 is visible that the latericium of this wall continues 0.58 downwards; below is opus incertum of the same period.

West opening to Cardo Maximus, w. 1.53. The hole around column c continues along the width of the opening of room 4, so that no threshold has been preserved.

C. ---

D. Above second course of sesquipedales in north a five holes with traces of filling-in: 5.03-5.13 x 2.62-2.69, 5.44-5.60 x 2.67-2.79, 6.05-6.24 x 2.67-2.80, 6.69-6.84 x 2.69-2.82, 7.61-7.76 x 2.69-2.83. Also in south a three holes: 1.33-1.54 x 2.66-2.78, 1.91-2.03 x 2.65-2.78, 2.40-2.62 x 2.65-2.78. In north wall above north c scaffolding-hole with little arch of *tesserae*: 4.78-4.96 x 2.52-2.66. Above north c and d the place of the original lintel has been filled in with horizontally placed reticulatum-*tesserae* at a height of 2.52-2.66. In south c above the second course of sesquipedales two holes with traces of filling-in: 5.45-5.57 x 2.65-2.79, 5.96-6.11 x 2.64-2.75. In north b

and c L-shaped holes for a beam to block the passage through the corridor: 3.25-3.54 x 1.12-1.39, 3.97-4.40 x 1.025-1.28; opposite these holes two corresponding holes in south d: 5.96-5.88 x 1.04-1.35, 6.58-6.84 x 1.04-1.35.

E. ---

ROOM 5

A. 9.29; 4.32; 6.19; 5.10.

B. North a Mixtum, l. 4.89, w. 0.45. Entirely like 4, south c including the latericum-posts. W. of post at west end 0.305, modulus 0.30, 0.278 (av. 0.289). W. of post at east end 0.295/0.285, modulus 0.28.

Doorway to room 4. See 4, south.

b Vittatum A, l. 0.61, w. 0.45. Entirely like 4, south b, c Mixtum, l. 2.93, w. 0.45. Entirely like 4, south a. W. of latericum door-post at west end 0.305, modulus 0.275, 0.25 (av. 0.262). W. of post at east end 0.295/0.285, modulus 0.288, 0.262 (av. 0.275).

East a Till 1.30 mixtum, above vittatum A, l. 1.49, w. 0.44. Mixtum connected to and completely like north c. Meas. of *tesserae*: 0.098 x 0.097, 0.098 x 0.10; th. of joints: 0.015, 0.008, 0.01 (av. 0.011). W. of latericum-post at north end 0.30, modulus 0.265, 0.29 (av. 0.277). W. of door-post at south end 0.293/0.30, modulus 0.267, 0.275 (av. 0.271). Vittatum A. Tufelli are mainly square and are reused reticulatum-*tesserae*. Meas. of tufelli: l. 0.07, 0.075, 0.08 (av. 0.075); th. 0.07, 0.075, 0.08 (av. 0.075). Some rectangular: l. 0.155, 0.21 (av. 0.183); th. 0.075, 0.068 (av. 0.072); th. of joints: 0.03, 0.027, 0.035 (av. 0.031). Bricks of all kinds of colours and sizes, fresh and reused. 1+1: 0.155, 0.157, 0.16 (av. 0.157); 1+1+1: 0.181, 0.186, 0.185 (av. 0.184). Mortar: light- and dark-grey, badly sieved. Black, red, brown, dark-brown and grey pozzolana. Other granules: pebbles, pieces of pottery, glass, marble and brick, mosaic-*tesserae*. The mortar is hard. A daubing has been preserved: light-pink grey, very well sieved. Red, black, brown, dark-brown and grey pozzolana (very small granules). Masonry: although the sizes of the bricks vary the courses run straight and the masonry looks regular.

Doorway to room 8, w. 1.33, h. 1.965. The lintel is of modern concrete with on top an arch of bricks. Bricks of varying colour and thickness. Between lintel and arch modern latericum.

b Till 1.30 mixtum, above vittatum A, l. 1.50, w. 0.44. Like a. Mixtum: *tesserae* mainly yellow-brown, carelessly shaped to fit above and below the teeth of the latericum-posts. Meas. of *tesserae*: 0.095 x 0.098, 0.088 x 0.092; th. of joints: 0.006, 0.017, 0.015 (av. 0.013). Latericum in the mixtum: band along the bottom of the wall not visible. Door-post at north end with three teeth. Distance between first and second tooth 0.286, between second and third tooth 0.26. W. of door-post 0.297. First and second tooth of three courses of brick, third tooth of four courses. No latericum-post at south end. Just below vittatum part of course of sesquipedales visible (not in a). Vittatum

A: entirely like a.

South Mixtum, l. 6.19, w. 0.47. *Tesserae* mainly yellow-brown and carelessly shaped to fit below the sesquipedales and below and above the teeth of the latericum-posts. Meas. of *tesserae*: 0.101 x 0.103, 0.094 x 0.093; th. of joints: 0.016, 0.007, 0.014, 0.01, 0.007, 0.015 (av. 0.012). Latericum in the mixtum: band of three courses along the bottom of the wall. Two courses of sesquipedales in the wall. Distance between band along bottom and sesquipedales 1.40. Distance between courses of sesquipedales 1.18. At east end no latericum-post. Post at west end with four teeth. Distance between band and first tooth 0.27, between first and second tooth 0.272, between second tooth and sesquipedales 0.34, between sesquipedales and third tooth 0.322, between third and fourth tooth 0.26. W. of post 0.45/0.38 (above the first course of sesquipedales the post is even wider than 0.48). Th. of first and second tooth (three courses) 0.15, 0.16, of third tooth (five courses) 0.285. L. of teeth 0.31, 0.30, 0.31. Fourth tooth has partly crumbled. Bricks pink-red, at places yellow, fresh and at places reused. Bricks are like in 4, south a and c. Modulus: 0.30, 0.273 (av. 0.287). Mortar: light grey, rather badly sieved. Mainly dark-grey and black pozzolana, occasionally brown. Other granules: small pieces of lime, occasionally a pebble. The mortar is reasonably hard. Masonry: Rather irregular; *tesserae* hewn and placed rather carelessly. The diagonal lines are not in a perfect angle of 45 degrees. The latericum is rather regular.

The west end of the wall continues in the hole around column d. At the place where the antique floor-level could be expected we see yet another latericum-tooth or band, that disappears behind the wall of the hole. At 0.30 below this a latericum-band is visible consisting of two courses of bricks above one course of sesquipedales. The mortar of this band seems to correspond with the mortar in the overlying masonry. Beneath the latericum-band is reticulatum with red mortar, which cannot be studied into detail due to moss and decay. Meas. of *tesserae*: 0.096 x 0.088, 0.095 x 0.089. The reticulatum continues underneath the column-base and abuts the wall-part in latericum, see west facade e. The reticulatum has been broken away rather roughly in order to make place for the column-base. Directly below the column-base the mortar is dark-grey/black, smeared on top of the red mortar of the latericum underneath. West, opening to Cardo Maximus with threshold-stones, see west facade.

a Latericum, l. 1.355, w. 0.52. See west facade d. This wall-part has been set against the north wall and is therefore later. Th. of joints: 0.02, 0.027, 0.022, 0.017 (av. 0.022). Modulus: 0.238, 0.247 (av. 0.243).

C. ---

D. In north a one beamhole: 3.73-3.93 x 2.54-2.75; one filled-in scaffolding-hole: 1.23-1.34 x 2.38-2.50; one filled-in hole where the lintel must have been: 4.37-4.56 x 2.36-2.59; one fairly large but shallow

hole: 2.62-3.25 x 0.98-1.35. In north b L-shaped hole: 6.16-6.34 x 2.05-2.21. In north c four scaffolding-holes with traces of filling in, two with arches of *tesserae*: 7.67-7.79 x 2.64-2.79, 7.85-7.98 x 2.60-2.78, 8.07-8.22 x 2.64-2.75, 8.32-8.43 x 2.64-2.77; two beamholes: 6.99-7.18 x 2.33-2.48, 7.70-7.88 x 2.33-2.57; one large hole that could have been two beamholes: 7.98-8.69 x 2.21-2.65. In east wall four scaffolding-holes in the vittatum: 0.14-0.25 x 2.46-2.57, 0.91-1.01 x 2.43-2.55, 3.16-3.28 x 2.34-2.53, 4.03-4.14 x 2.42-2.52; two of these have traces of filling in. In south wall four filled-in scaffolding-holes with an arch of *tesserae*: 0.18-0.36 x 2.61-2.74, 1.30-1.48 x 2.60-2.73, 2.17-2.30 x 2.60-2.73, 3.12-3.24 x 2.59-2.73; five beamholes (the fifth opposite the narrowing of the doorway in the north wall): 0.00-0.17 x 2.37-2.565, 0.65-0.83 x 2.40-2.58, 1.25-1.44 x 2.36-2.56, 1.99-2.20 x 2.33-2.55, 2.75-2.93 x 2.29-2.47; six holes that seem less important: 0.50-0.59 x 1.96-2.06, 1.45-1.545 x 2.01-2.12, 2.24-2.31 x 2.07-2.14, 2.67-2.80 x 1.88-2.05, 3.67-4.00 x 1.72-1.96, 4.97-5.19 x 1.72-1.90.

E. Some small remnants of plaster on the walls.

ROOM 6/7

A. 10.01; 4.18; 7.87; 4.31.

B. North a Mixtum, l. 6.43, w. 0.47. Entirely like 5, south, but mortar towards the east contains more brown pozzolana. Much fine daubing preserved: dark-, light- and yellowish grey. The daubing is hard. The separation-line between a and b is very irregular.

b Vittatum A, l. 3.58, w. 0.47. Entirely like the vittatum in 5, east a and b. The tufelli are reused reticulatum-*tesserae*. Bricks of all kinds of colours, except pink-red, and sizes. Th. of joints: 0.027, 0.034, 0.019 (av. 0.027); 1+1: 0.135, 0.165 (av. 0.148); 1+1+1: 0.17, 0.19 (av. 0.18). Mortar: light-grey, whitish, sometimes yellowish, badly sieved, rather little pozzolana (black, light- and dark-brown, occasionally some red and grey). Other granules: small pieces of marble, pottery and brick, shell, glass, charcoal and pebbles. The mortar is hard. The preserved daubing is whitish and yellowish grey, very well sieved. Masonry: despite the different sizes of the bricks the straight courses are laid with care. The first course of sesquipedales of the mixtum of a is continued in the later vittatum till the doorway.

Doorway to room 8, w. 0.88, h. 1.95. Arch of bricks above doorway. L. of bricks: 0.29, 0.265, 0.27, 0.28, 0.30 (av. 0.28).

c Vittatum A, l. 0.70, w. 0.47. Continuation of vittatum of b. Entirely identical.

East a Vittatum A, l. 4.18, w. 0.47. Forms an entity with north c and is entirely identical. Th. of joints: 0.036, 0.02, 0.026, 0.02 (av. 0.026). Mortar: like north b and c, at places darker grey and containing more pozzolana.

b Vittatum A with rectangular tufelli, l. 0.61, w. 0.45. This is a pier standing against the east and south wall. The tufelli are of all kinds of colours and carelessly

hewn. Meas. of tufelli: l. 0.19, 0.15, 0.16, 0.155 (av. 0.164); th. 0.07, 0.052, 0.06, 0.068, 0.07 (av. 0.064); th. of joints: 0.027, 0.028, 0.02, 0.031 (av. 0.027). Bricks of all kinds of colours and sizes; 1+1: 0.154, 0.148 (av. 0.15); 1+1+1: 0.19, 0.18 (av. 0.185). Mortar: light-grey, occasionally darker, rather badly sieved. Rather much pozzolana, black, light- and dark-brown and green. Other granules: small pieces of brick, lime and plaster, shell, glass. The mortar is soft. Masonry: irregular.

South a Vittatum A, l. 0.45, w. 0.61. See east b.

b Latericium, l. 2.75, w. 0.60. This is the north wall of the neighbours to the south, I,XIII,5. Bricks of all kinds of colours and sizes, many reused. Meas. of bricks: l. 0.245, 0.22, 0.197, 0.152, 0.14, 0.207 (av. 0.194); th. 0.026, 0.03, 0.027, 0.025, 0.035, 0.028 (av. 0.029); th. of joints: 0.03, 0.035, 0.025, 0.026, 0.052, 0.023, 0.011 (av. 0.025). Modulus: 0.25, 0.28, 0.252, 0.255 (av. 0.259). Mortar: light-grey, very badly sieved. Large and small granules of black, red and brown pozzolana. Other granules: large pieces of marble, charcoal, pebbles, pottery, pieces of brick. Masonry: very irregular; courses of bricks sometimes simply stop because they do not fit in between the other courses.

c Latericium, l. 1.50, w. 0.47. Bricks dark red and rather thick, mainly fresh, occasionally a reused one. Meas. of bricks: l. 0.23, 0.235, 0.185, 0.24 (av. 0.223); th. 0.042, 0.037, 0.039, 0.048 (av. 0.042); th. of joints: 0.017, 0.019, 0.02, 0.012, 0.014 (av. 0.016). Modulus: 0.285, 0.309, 0.298 (av. 0.297). Mortar: red, rather badly sieved, with much red pozzolana, also light- and dark-brown and grey. Other granules: pebbles and a few small pieces of lime. The mortar is very hard. Masonry: fairly regular; the courses do not always run perfectly straight.

d Latericium, l. 2.01, w. 0.30 and 0.60. Entirely like b. Modulus: 0.263, 0.265 (av. 0.264). Mortar: higher up light-grey like in b, below the mortar becomes dark-grey and purple with much red and brown pozzolana. Also black, grey and green pozzolana. Other granules: pieces of lime, pebbles. The mortar is very hard and compact.

e Latericium, l. 1.16, w. 0.57. Entirely like c and west facade h. Meas. of bricks: l. 0.225, 0.185, 0.19 (av. 0.20); th. 0.045, 0.039 (av. 0.042). Modulus: 0.255, 0.266 (av. 0.261). Mortar: red like in c, somewhat more light- and dark-brown pozzolana.

West a Latericium, l. 0.30, w. 0.52. Part of south e. Entirely like south c and e.

Opening to Cardo Maximus, w. 3.42. With threshold-stones, see west facade.

b Latericium, l. 0.57, w. 0.52. See west facade g. Modulus: 0.25, 0.252 (av. 0.251). Partly daubed in modern times. In north-west corner still a small part of the column visible.

C. ---

D. In north a three holes all filled in and two with a little arch: 3.05-3.15 x 2.39-2.52, 3.94-4.08 x 2.41-2.55, 4.24-4.68 x 2.41-2.56. Line of four lower holes

of which three filled in: 1.18-1.31 x 1.22-1.34, 2.26-2.42 x 1.22-1.33, 5.11-5.31 x 1.22-1.34, 6.20-6.30 x 1.22-1.37. In north b two higher holes at the same height as in north a: 6.84-6.97 x 2.42-2.56, 7.92-8.02 x 2.44-2.54. Two lower holes at the same height as in north a: 6.88-6.97 x 1.23-1.32, 7.96-8.07 x 1.23-1.34. In east wall a line of three higher and five lower scaffolding-holes: 1.19-1.29 x 2.44-2.56, 2.07-2.19 x 2.46-2.56, 3.10-3.27 x 2.46-2.57 and 0.24-0.34 x 1.27-1.38, 1.09-1.19 x 1.26-1.36, 1.84-1.96 x 1.26-1.36, 2.65-2.78 x 1.26-1.35, 3.60-3.70 x 1.26-1.35. In south c one lower hole: 3.94-4.12 x 0.91-1.06 and an indentation at the east side: 3.20-3.17 x 0.96-1.30. At the west side from the ground an indentation 0.12 wide and 1.35 high. Both indentations are covered with a later plaster. South c has been preserved up to a height of c. 2.50, south e up to c. 3.00.

E. Against north a many remains of rough plaster.

ROOM 8

A. 36.88; c. 16.50; 34.73; 15.03.

B. North a Vittatum A, l. 1.08, w. 0.44. Entirely like 1. north a and b and 2. north a and b; 1+1: 0.146, 0.152 (av. 0.149); 1+1+1: 0.178, 0.195 (av. 0.187). Mortar has many traces of yellowish grey daubing.

Doorway to corridor 17, h. cannot be measured, w. 3.40; original width is difficult to determine since b has crumbled at its west end.

b Latericium, l. 1.86, w. 0.45. Bricks yellow, light-pink and pink, mainly fresh, a few reused. Meas. of bricks: l. 0.285, 0.26 (av. 0.272); th. 0.037, 0.031, 0.04 (av. 0.036); th. of joints: 0.016, 0.012, 0.018, 0.02 (av. 0.017). Modulus: 0.27, 0.28 (av. 0.275). Mortar: light-grey (a little pink), rather badly sieved. Brown, light-brown and red pozzolana. Other granules: small pieces of lime, at places a pebble. The mortar is reasonably hard. Masonry: not very irregular; the courses run fairly straight but are somewhat uneven. This wall-part is L-shaped. L. of north-south part: 0.99 (crumbled at north end).

Doorway to corridor 18. H. cannot be measured, w. 2.64. One protruding brick in c could be an indication of a threshold.

c Mixtum, l. 9.08, w. 0.52. *Tesserae* yellow-brown and orange-brown, carelessly hewn. Meas. of *tesserae*: 0.094 x 0.092, 0.093 x 0.093; th. of joints: 0.017, 0.015, 0.01, 0.022 (av. 0.016). Latericium in the mixtum: high latericium-band of twenty-one courses, h. 1.19, along the bottom of the wall. Latericium-band of five courses higher in the wall. Above this two modern courses. Distance between bands 0.93. Latericium-posts at the ends of the wall-part. At west end not preserved high enough to show teeth, w. 0.594. At east end still one tooth visible. Distance between band and tooth 0.35. W. of post 0.594, th. of tooth 0.297 (could be of five courses; the upper two courses are modern), l. of tooth 0.32. Bricks of all kinds of colours except red, mainly fresh. Meas. of bricks: l. 0.251, 0.22, 0.225, 0.195, 0.175 (av. 0.201) (lower band); l. 0.244, 0.21, 0.225

(av. 0.226) (upper band); th. 0.034, 0.035, 0.042, 0.032, 0.032 (av. 0.035) (lower band); th. 0.035, 0.035, 0.03 (av. 0.033) (upper band); th. of joints: 0.02, 0.015, 0.014, 0.023, 0.01 (av. 0.016) (lower band); 0.042, 0.038, 0.035, 0.028, 0.034 (av. 0.035) (upper band). Modulus: 0.261, 0.252, 0.263, 0.281 (av. 0.264) (lower band); 0.325 (upper band). Mortar: light-grey, a little pink, rather badly sieved. Mainly dark- and light-brown pozzolana. Other granules: small pieces of lime and at places a pebble. The mortar is hard. The mortar in the reticulatum seems a little more badly sieved, contains more black pozzolana and is softer. Masonry: irregular. The reticulatum is at places regular, but chiefly irregular with sometimes *tesserae* placed horizontally instead of diagonally. The latericium in the lower band is fairly regular; the latericium in the higher band is more irregular and has thicker joints.

Doorway to corridor 18. H. cannot be measured, w. 1.15. A bipedalis at the bottom of the wall continues into the doorway with on top some protruding bricks, that could have belonged to the threshold.

d Mixtum, l. 17.67, w. 0.52. Continuation of masonry of c. This wall-part has been preserved very poorly: from 13.24 till 24.42 only one course of modern bricks is visible at floor-level. The reticulatum is at the west end entirely daubed in modern times, at the east end partly. *Tesserae* like in c. Meas. of *tesserae*: 0.10 x 0.105, 0.098 x 0.097; th. of joints: 0.022, 0.012, 0.017, 0.013, 0.02 (av. 0.017). Latericium in the mixtum: like in c. Door-post at west end still has one tooth. Distance between band and tooth 0.295. W. of post 0.595, th. of tooth (five courses of bricks) 0.295, l. of tooth 0.305. Post at east end still has one tooth. Distance between band and tooth 0.30. Th. of tooth 0.35, l. of tooth 0.305. Bricks like in c. Meas. of bricks: l. 0.29, 0.28, 0.30, 0.275 (av. 0.286); l. 0.201, 0.105 (av. 0.157); th. 0.038, 0.033, 0.037, 0.035 (av. 0.036); th. 0.045, 0.039 (av. 0.042). Modulus: 0.287, 0.284 (av. 0.286) (at west end); 0.275, 0.257 (av. 0.266) (at east end). Mortar: like in c. In the east end more dark-brown and green pozzolana. Masonry: seems somewhat more irregular than c.

East a Latericium, l. 6.22, w. 0.46. Bricks exclusively yellow, mainly fresh; in the northern half shorter than in the southern half of the wall. Meas. of bricks: l. 0.203, 0.22, 0.225 (av. 0.216) (north part); l. 0.28, 0.282, 0.289, 0.265 (av. 0.275) (south part); th. 0.035, 0.03, 0.036 (av. 0.034) (north part); th. 0.03, 0.025, 0.031, 0.035 (av. 0.03) (south part); th. of joints: 0.025, 0.025, 0.017, 0.018, 0.015, 0.022, 0.015, 0.034 (av. 0.029) (north part); 0.021, 0.023, 0.021, 0.021, 0.021, 0.021, 0.03 (av. 0.022) (south part). Modulus: 0.266, 0.215 (av. 0.241) (north part); 0.286, 0.276, 0.266, 0.275 (av. 0.276) (south part). Mortar: light-grey, at places. Very much and exclusively orange pozzolana. In north part also some dark-, light- and beige-brown pozzolana. Other granules: a few small pieces of lime and pebbles. The mortar is not very hard. In south part a few larger

pieces of lime. Masonry: rather regular, although the courses are rather uneven. The north part is more irregular than the south part. In the south part the joints are more regular.

Doorway to room 13, w. 1.49, h. 2.10. The lintel is of modern concrete, above which is a piece of modern latericium.

b Latericium, l. 1.62, w. 0.45. Continuation of masonry of a. Modulus: 0.281, 0.277 (av. 0.279). Mortar: like a.

Doorway to corridor 14, w. 3.19, h. cannot be measured.

c Mixtum, l. 1.69, w. 0.46. This wall-part is completely modern; in the door-post at the south end a small piece of authentic masonry can be seen. Here the bricks are yellow. Modulus: 0.282 Mortar: light-grey with light- and dark-brown pozzolana, rather badly sieved. Other granules: a few small pieces of lime. The mortar is hard.

Doorway to room 15, w. 1.465, h. 1.95. Lintel is of modern concrete, above which is a piece of modern latericium.

d is also the east wall of room 11. Mixtum, l. 3.185, w. 0.46. *Tesserae* mainly yellow-brown and carelessly shaped to fit below the latericium-band, and above and below the teeth. Meas. of *tesserae*: 0.098 x 0.09, 0.094 x 0.092; th. of joints: 0.015, 0.015, 0.008, 0.009, 0.019 (av. 0.013). Latericium in the mixtum: band of six courses of bricks along the bottom of the wall. Band of three courses higher in the wall. Distance between the bands 1.39. Door-post at north end with two teeth. Distance between band and first tooth 0.348, between first and second tooth 0.352, between second tooth and band 0.19. W. of post 0.31, th. of teeth (five courses) 0.265, 0.268, l. of teeth 0.295, 0.29. Door-post at south end with two teeth. Distance between band and first tooth 0.35, between first and second tooth 0.351, between second tooth and band 0.18. W. of post 0.30, th. of teeth (five courses) 0.275, 0.265, l. of teeth 0.302, 0.285. Bricks mainly yellow, a few pink, mainly fresh. Meas. of bricks: l. 0.30, 0.29, 0.255, 0.285, 0.287, 0.258 (av. 0.279); th. 0.035, 0.03, 0.035, 0.04, 0.031, 0.037 (av. 0.035); th. of joints: 0.018, 0.019, 0.017, 0.02, 0.023, 0.017, 0.015, 0.018 (av. 0.018). Modulus: 0.27, 0.265, 0.275, 0.272, 0.281, 0.265 (av. 0.271). Mortar: light-grey, rather badly sieved, brown, light-brown and orange pozzolana, lower in the wall more black and dark-grey pozzolana. Other granules: small pieces of lime and pebbles. Masonry: rather irregular. The diagonal lines do not run in a perfect angle of 45 degrees; *tesserae* sometimes placed carelessly. Latericium fairly regular.

Doorway to room 16, l. 1.45, the door-post at the south end of d seems to be preserved up to the original height: 1.965.

e is the east wall of room 11. Mixtum, l. 1.45, w. 0.435. This wall-part is connected to the south wall of the complex and is therefore contemporary. *Tesserae* mainly yellow-brown and carelessly hewn. Meas. of

tesserae: 0.094 x 0.087, 0.087 x 0.087, 0.095 x 0.096; th. of joints: 0.014, 0.011, 0.018, 0.012, 0.015, 0.005, 0.009 (av. 0.012). Latericium in the mixtum: band along the bottom of the wall, of which four courses are visible. Band of three courses higher in the wall. Distance between both bands 1.505. Door-post at north end with two teeth and a small remnant of a third. Distance between band and first tooth 0.34, between first and second tooth 0.345, between second tooth and band 0.314, between band and third tooth only one joint. W. of post 0.307/0.295, th. of first and second tooth (five courses) 0.268, 0.268, th. of third tooth (two remaining courses) 0.16, l. of teeth 0.305, 0.32; l. of third tooth cannot be measured. No latericium-post at south end against the south wall. More pink bricks higher in post, more yellow bricks lower in post. Mainly fresh. Meas. of bricks: l. 0.255, 0.192, 0.274, 0.21, 0.285 (av. 0.243); th. 0.037, 0.04, 0.037, 0.038, 0.034 (av. 0.037); th. of joints: 0.02, 0.021, 0.016, 0.017, 0.016, 0.018, 0.02 (av. 0.018). Modulus: 0.275, 0.272 (av. 0.274). Mortar: dark-grey, at places light-grey, black, dark-brown and dark-grey pozzolana. Other granules: small pieces of lime, pebbles and one small piece of pottery. The mortar is not very hard. Remnants of a fine daubing. Masonry: rather irregular. Reticulatum not always in straight lines; diagonal lines not in a perfect angle of 45 degrees. Latericium has rather uneven courses.

South opening to room 11, w. 3.45.

a Pier 22, latericium, l. 1.02, w. 0.58. Bricks mainly pink and yellow, mainly fresh, some somewhat concave or convex. Meas. of bricks: l. 0.264, 0.23, 0.242, 0.21 (av. 0.237); th. 0.037, 0.034, 0.036, 0.04 (av. 0.037); th. of joints: 0.027, 0.017, 0.019, 0.018, 0.017 (av. 0.02). Modulus: 0.269, 0.263 (av. 0.266). Mortar: light-grey, rather well sieved, brown, light-brown and some red pozzolana. Other granules: little pebbles and small pieces of lime. Much fine daubing with red and brown pozzolana. Masonry: rather regular with straight courses, which sometimes seem uneven due to convex bricks. Bipedalis from east inwards at 1.245; one course above bipedalis from west inwards.

Between a and b is a hole that seems to be planned because three reticulatum-*tesserae* are placed horizontally instead of diagonally at the end of b. L. of hole: 0.25.

b Reticulatum (maybe mixtum, but cisterns a and b are placed in front of this wall-part so the lower part of it cannot be seen), l. 4.03, w. 0.30. *Tesserae* mainly yellow-brown and carelessly hewn. Meas. of *tesserae*: 0.086 x 0.088, 0.097 x 0.099, 0.091 x 0.093; th. of joints: 0.008, 0.014, 0.012, 0.013, 0.009 (av. 0.011). Mortar: light-grey, rather badly sieved, red, light- and dark-brown pozzolana. Other granules: small pieces of lime and pebbles. The mortar is fairly hard.

In the wall is a niche (w. 0.46; d. 0.15; preserved h. 0.45).

c Pier 21, latericium, l. 1.03, w. 0.595. Entirely like a

(pier 22). Not preserved high enough to show bipedales. Th. of joints: 0.018, 0.015, 0.016, 0.019, 0.02 (av. 0.018). Modulus: 0.265, 0.27 (av. 0.268).

d Mixtum, l. 1.89, w. 0.30. This wall-part has crumbled for a large part. *Tesserae* mainly yellow-brown and carelessly hewn. Meas. of *tesserae*: 0.091 x 0.093, 0.092 x 0.086, 0.101 x 0.101. Latericium in the mixtum: rather high band along the bottom of the wall, h. c. 0.60. Bricks mainly pink, a few yellow, mainly fresh. Meas. of bricks: l. 0.259, 0.278, 0.215 (av. 0.251); th. 0.038, 0.036, 0.04 (av. 0.038); th. of joints: 0.016, 0.016, 0.021, 0.018, 0.019 (av. 0.018). Modulus: 0.274. Mortar: light-grey, rather badly sieved, brown, red and a little dark-grey pozzolana. Other granules: small pieces of lime and pebbles. The mortar is not very hard. Masonry: rather irregular; the reticulatum is irregular, the latericium is somewhat less irregular.

e Behind staircase C feature c, see 10, north g.

f Pier 20, latericium, l. 1.04, w. 0.595. Entirely like piers a and c. Th. of joints: 0.018, 0.02, 0.022, 0.019, 0.014, 0.022 (av. 0.02). Modulus: 0.275, 0.277, 0.278, 0.269 (av. 0.275). Two bipedales like in a, at 1.16-1.225.

Doorway to room 10, l. 4.18.

g Pier 19, latericium, l. 1.02, w. 0.59. Entirely like the preceding piers. More red-orange bricks. Meas. of bricks: l. 0.20, 0.196, 0.214 (av. 0.203); th. 0.045, 0.043 (av. 0.044). Modulus: 0.268, 0.269, 0.268 (av. 0.268). One bipedalis starting at 1.27. Mortar: like in preceding columns.

To the east of this pier is a travertine block (l. 0.55, w. 0.24, h. 0.06 (disappears in the ground)). West of the pier is a travertine block (l. 0.62, w. 0.27, h. 0.23). Section h abuts the travertine block and has crumbled above it. Nevertheless it can be seen that h reached over the block.

h Mixtum, l. 3.22, w. 0.30. This wall-part has crumbled at both ends. *Tesserae* mainly yellow-brown, carelessly hewn and shaped to fit below the latericium-band. Meas. of *tesserae*: 0.106 x 0.106, 0.091 x 0.089, 0.092 x 0.096; th. of joints: 0.013, 0.012, 0.013, 0.006, 0.011, 0.014, 0.006 (av. 0.011). Latericium in the mixtum: band of eleven courses along the bottom of the wall (h. 0.59), below this band opus incertum over 0.17. Band higher in the wall of three courses. Distance between the bands 0.80. Bricks mainly light-pink and light-orange, a few yellow. Meas. of bricks: l. 0.284, 0.28, 0.29, 0.27 (av. 0.281); th. 0.041, 0.036, 0.04, 0.04 (av. 0.039); th. of joints: 0.018, 0.017, 0.012, 0.017, 0.02 (av. 0.017). Modulus: 0.268, 0.272, 0.261 (av. 0.267). Mortar: light-grey, rather badly sieved, red and brown pozzolana. Other granules: small pieces of lime and pebbles. The mortar is not very hard. In the reticulatum the mortar is at places also dark-grey with more black pozzolana. Remnants of a finer daubing. Masonry: rather irregular; *tesserae* carelessly placed, latericium somewhat more regular.

i Pier 18, latericium, l. 1.33, w. 0.60. This one is

more irregular than the preceding piers. Bricks mainly light-orange and light-pink, a few yellow, mainly fresh, but also quite a few reused bricks. Meas. of bricks: l. 0.295, 0.29, 0.27, 0.28 (av. 0.281); th. 0.036, 0.038, 0.038, 0.04 (av. 0.038); th. of joints: 0.02, 0.019, 0.015, 0.013, 0.017 (av. 0.017). Modulus: 0.278, 0.273 (av. 0.276). From west inwards one complete bipedalis, from east a broken bipedalis, in between a brick. Bottom of course at 0.86. Mortar: light-grey, rather well sieved, mainly dark-brown pozzolana, at places black and dark-grey and a little red. Other granules: pebbles and small pieces of lime. The mortar is fairly hard. At places careless modern daubing.

j Mixtum, l. 4.035, w. 0.27, 0.17 and 0.54. This wall-part is at the south side (see 9/10, north b) divided into three parts, that each have a different width. The wall-part is completely daubed in modern times. Meas. of *tesserae*: 0.094 x 0.098. Latericium in the mixtum: band of fourteen courses along the bottom of the wall, h. 0.78. Band of three courses higher in the wall. Distance between the bands 0.465. Bricks light-orange and light-pink, a few yellow. Many are fresh, a few are reused. Meas. of bricks: l. 0.265, 0.295, 0.26 (av. 0.273); th. 0.038, 0.038, 0.035 (av. 0.037); th. of joints: 0.025, 0.026, 0.02, 0.021 (av. 0.023). Modulus: 0.29, 0.284 (av. 0.287). Mortar: not visible, completely covered by modern daubing. Masonry: the reticulatum rather irregular, the latericium rather regular. The connection between j and k is completely daubed in modern times.

k Pier 17, latericium, l. 1.175, w. 0.585. The pier has crumbled at the west end. Bricks light-orange, pink, light-pink and yellow, mainly fresh. Meas. of bricks: l. 0.19, 0.275 (av. 0.233); th. 0.035, 0.035 (av. 0.035); th. of joints: 0.017, 0.022, 0.021, 0.017 (av. 0.019). Modulus: 0.285, 0.272 (av. 0.279). Mortar: the pier has been completely daubed in modern times including the crumbled west end. Masonry: rather regular. No bipedales.

l Vittatum A, l. 1.155, w. 0.46. Entirely like 6/7, north c. Vittatum A with reused reticulatum-*tesserae*. A few rectangular tuffelli: l. 0.13, 0.15 (av. 0.14); 1+1: 0.15, 0.153 (av. 0.152); 1+1+1: 0.189, 0.193 (av. 0.191).

Doorway to room 6/7, w. 0.885, h. 1.95. See 6/7, north doorway.

m Vittatum A, l. 1.72, w. 0.46. Entirely like 6/7, north b. In the corner at the bottom of the wall against the west wall a piece of mixtum is visible (see 6/7, north a).

West a Lower half mixtum, upper half vittatum A, l. 1.48, w. 0.44. Both types of masonry form an entity with the south wall (south m). Entirely like 5, east b.

Doorway to room 5, w. 1.33, h. 1.965. See 5, east doorway.

b Lower half mixtum, upper half vittatum, l. 1.97, w. 0.44. Vittatum A: see 5, east a. Against the corner with room 4 a stretch with only latericium above the mixtum (h. 1.00; max. w. 0.50). Mixtum: see 5, east a. Latericium-post against corner with room 4 with

two teeth. Distance between band along bottom of wall and first tooth 0.294, distance between first and second tooth 0.283. W. of post 0.755, th. of teeth (three courses) 0.15, 0.155. L. of teeth 0.29, 0.295. This latericum is irregular with many broken thick bricks. Many are yellow, a few red. Meas. of bricks: th. 0.045, 0.041, 0.046 (av. 0.044). Modulus: 0.275, 0.27, 0.26, 0.268 (av. 0.268). Mortar: light-grey, rather badly sieved; at the south end grey and black pozzolana, towards the north more dark-, light-brown and red pozzolana. Other granules: pebbles and small pieces of lime. The mortar is fairly hard.

Doorway to room 4, w. 1.40.

c Latericum, l. 0.45. This is the end of the wall between rooms 4 and 3. See 4, north d. Modulus: 0.28, 0.278, 0.295 (av. 0.284). Mortar: reddish brown, rather badly sieved. Much light-, dark-brown and red pozzolana. Other granules: pebbles and small pieces of lime. From 1.42 a later restoration in latericum, see 4, north d. Th. of joints: 0.032, 0.024, 0.012, 0.017 (av. 0.021). Modulus: 0.317. Mortar: light-grey, rather badly sieved, less pozzolana, brown, red and green. Other granules: pebbles and small pieces of lime. The south wall of the north-west corner of room 8 is the backside of 4, north d and is entirely identical. The vittatum B wall 8, west d is put against the south wall.

d Vittatum B, l. 8.40, w. c. 0.45. Entirely like 2, east and 3, east; 1+1+1: 0.245, 0.257 (av. 0.251); 1+1+1+1: 0.276, 0.307 (av. 0.292). In this wall is a vertical drainage-channel (at 2.83-3.07; d. 0.26) with parts of sesquipedales against the back. Just south of this channel is a rough vertical stretch (2.27-2.78) where the caementicium-nucleus can be seen. Probably a wall started here towards the east. In the rough part is a scaffolding-hole through the wall. Apparently the construction of this disappeared wall was already planned during the construction of the west wall.

Sixteen piers, numbered clockwise.

Pier 1, l. 0.88, w. 0.59, preserved h. 2.93. Mainly yellow bricks, a few darker yellow and pink, mainly fresh. Two overlapping bipedales, starting at 1.11. Meas. of bricks: l. 0.275, 0.265, 0.287 (av. 0.276); th. 0.04, 0.038, 0.037 (av. 0.038); th. of joints: 0.024, 0.022, 0.017, 0.016, 0.016 (av. 0.019). Modulus: 0.283, 0.287 (av. 0.285). Mortar: light-grey, rather badly sieved, light- and dark-brown pozzolana, many small granules of pozzolana. Other granules: pebbles and small pieces of lime. The mortar is hard. Masonry: rather regular, the courses are at places somewhat uneven because some bricks are slightly convex.

Pier 2, l. 0.89, w. 0.595, preserved h. 2.20. Like pier 1. More pink than yellow bricks. Two overlapping bipedales, starting at 0.89. Meas. of bricks: l. 0.25, 0.29 (av. 0.27); th. 0.036, 0.037, 0.038 (av. 0.037); th. of joints: 0.015, 0.018, 0.017, 0.012, 0.015 (av. 0.015). Modulus: 0.263, 0.255, 0.256 (av. 0.258).

Pier 3, l. 0.88, w. 0.585, antique till 1.53. Like pier 2.

One bipedalis, starting at 0.70. Higher up in pier a small restoration identical to 8, east a and b. Modulus: 0.242, 0.248 (av. 0.245). Mortar: like pier 2, seems to contain somewhat less pozzolana. Next to brown also green and grey pozzolana.

Pier 4, l. 0.88, w. 0.59, preserved h. 3.12. Like pier 3. Two overlapping bipedales, starting at 0.81; higher up in pier again two overlapping bipedales, starting at 2.07. Modulus: 0.251, 0.251, 0.245 (av. 0.249).

Pier 5, l. 0.60, w. 0.59, preserved h. 3.02. Like pier 3 and 4. The pier is thinner than the others and therefore only one bipedalis was enough for the length of the pier, starting at 0.83. Higher up in pier again a bipedalis, starting at 2.085. Modulus: 0.25, 0.251 (av. 0.251).

Pier 6, l. 0.885, w. 0.59, preserved h. 2.69. Like piers 3 and 4. Mainly pink bricks. Two overlapping bipedales, starting at 0.76. Higher up in pier again overlapping bipedales, starting at 1.996. Modulus: 0.252, 0.252 (av. 0.252). Mortar: like pier 4. Mainly light-, beige- and dark-brown pozzolana.

Pier 7, l. 0.885, w. 0.59, preserved h. 3.30. Like piers 3 and 4. Mainly light-pink bricks. Two overlapping bipedales, starting at 0.94. Higher up in pier again two bipedales, starting at 2.185. Modulus: 0.252, 0.258 (av. 0.255). Mortar: like pier 4, some more green pozzolana.

Pier 8, l. 0.89, w. 0.59, preserved h. 1.06. Like piers 3 and 4. The pier is preserved too low to show bipedales. Modulus: 0.258. Daubed in modern times from 0.40 upwards.

Pier 9, l. 0.88, w. 0.595, preserved h. 1.26. Like piers 3 and 4. Does not show bipedales. Modulus: 0.252, 0.246 (av. 0.249). Modern daubing in the middle. At both sides a travertine block: l. 0.32, 0.30, w. 0.59, 0.17, h. 0.17, 0.21.

Pier 10, l. 1.035, w. 0.59, preserved h. 3.22. Like piers 3 and 4. Some more dark-yellow and dark-pink bricks. Two overlapping bipedales, starting at 1.133. Higher up no bipedales. Modulus: 0.264, 0.263, 0.261 (av. 0.263). Mortar: like preceding piers, mainly brown and green pozzolana. Travertine block at east side of the pier, l. 0.47, w. 0.59, h. 0.12. Between travertine block and pier a few bricks, w. 0.12.

Pier 11, l. 1.03, w. 0.59, preserved h. 2.60. Like preceding piers. Two overlapping bipedales, starting at 1.20. Higher up no bipedales. Modulus: 0.257, 0.265 (av. 0.261). Travertine block at east side of pier, l. 0.37, w. 0.56, h. 0.18. At the west side at the bottom a bipedalis protrudes 0.09.

Pier 12, l. 0.98, w. 0.59, preserved h. 2.64. Like preceding piers. Two overlapping bipedales, starting at 1.15. Higher up no bipedales. At the west end at the bottom a bipedalis protrudes 0.09.

Pier 13, l. 1.03, w. 0.585, preserved h. 1.55. Like preceding piers. No bipedales. Modulus: 0.261, 0.256 (av. 0.259). At the west side at the bottom a bipedalis protrudes 0.12.

Pier 14, l. 1.03, w. 0.595, preserved h. 2.50. Like

preceding piers. Two overlapping bipedales, starting at 1.28. Higher up no bipedales. Modulus: 0.269, 0.262 (av. 0.266). Travertine block at east side, l. 0.38, w. 0.59, h. difficult to determine. Between travertine block and pier a few bricks, w. 0.07. At the west side at the bottom a bipedalis protrudes 0.09.

Pier 15, l. 0.88, w. 0.60, preserved h. 1.63. Like preceding piers. Two overlapping bipedales, starting at 1.096. Higher up no bipedales. Modulus: 0.268, 0.261 (av. 0.265). Mortar: like preceding piers; very much brown pozzolana.

Pier 16, L-shaped, l. 0.77, w. 0.59, north-south part l. 0.61, w. 0.58. The indent in the pier is 0.15 deep and 0.58 wide. Preserved h. 2.21. Bricks like preceding piers. One bipedalis in east-west part, starting at 0.908; one bipedalis in north-south part at same level. Higher up no bipedalis. Modulus: 0.266, 0.267, 0.278, 0.274 (av. 0.271). Mortar and masonry: like preceding piers.

C. The floor consists of basalt blocks, that have not been preserved everywhere.

D. In north a one hole: 0.40-0.53 x 2.62-2.71. In north c one beamhole: 14.96-15.13 from west wall x 2.05-2.22. At other places the wall has not been preserved high enough. At 15.86-16.15 a drainage-channel roughly hewn in the wall, from 1.20 from the floor the channel is narrower: 0.16. In east a and b five scaffolding-holes: 4.51-5.61 x 1.42-1.54, 5.39-5.46 x 1.49-1.56, 5.93-6.07 x 1.50-1.60, 8.18-8.29 x 1.60-1.74, 8.98-9.08 x 1.62-1.74. In east d a horizontal groove: 17.18-17.57 x 1.10-1.16. In south l and m three lower and three higher scaffolding-holes (measured from pier 17): 0.29-0.39 x 1.25-1.37, 0.89-1.00 x 1.25-1.37, 2.39-2.61 x 1.21-1.43 and 0.72-0.84 x 2.50-2.61, 2.14-2.48 x 2.44-2.72, 2.92-3.10 x 2.39-2.53. In west a and b five higher scaffolding-holes: 0.17-0.27 x 2.42-2.55, 1.10-1.21 x 2.40-2.47, 3.08-3.18 x 2.43-2.51, 3.43-3.52 x 2.40-2.56, 4.105-4.22 x 2.45-2.57. In south wall of north-west corner of room 8 (backside of 4, north d) three holes at same height: 0.14-0.23 x 1.39-1.45, 0.41-0.52 x 1.39-1.50, 1.62-1.75 x 1.39-1.51. Higher up one hole: 0.90-1.03 x 2.10-2.27 and two holes at the same height: 1.69-1.84 x 2.62-2.73, 2.42-2.52 x 2.62-2.73, this is at about the corresponding height of the high scaffolding-holes in 4, north d. In west d one hole: 0.095-0.21 x 2.78-2.90 and eleven scaffolding-holes corresponding with the scaffolding-holes in 2, east and 3, east and with the shared height 1.53-1.64.

Piers 1, 6 and 7 have a hole in the south side: in pier 1 at h. 2.46-2.56, in pier 6 at h. 1.94-2.11 and in pier 7 at h. 2.03-2.19.

E. Against south b in the ground two cisterns were constructed.

Cistern a: inside 1.49 x 2.80, outside 2.57 (wall along staircase) x 3.22, depth can not be measured; max. preserved h. 1.90. Latericium. W. of walls 0.29, 0.28 and 0.185 (south wall). Yellow bricks, occasionally a red one. Mainly fresh. Meas. of bricks: l. 0.27, 0.185, 0.278, 0.285 (av. 0.255); th. 0.04,

0.035, 0.042, 0.038 (av. 0.039); th. of joints: 0.028, 0.029, 0.026, 0.028, 0.025, 0.034 (av. 0.028). Modulus: 0.315 (north wall), 0.348 (east wall), 0.334, 0.264 (south wall), 0.33 (west wall). Mortar: dark-brown, rather badly sieved, dark-brown, black and dark-grey pozzolana. Other granules: pebbles and small pieces of lime and occasionally a small piece of brick. Masonry: rather regular, the courses run straight. On one course in the east wall a red stripe is painted.

A staircase descends into the cistern, l. 2.42, w. 0.75, h. c. 1.20. Five steps, from top to bottom: w. 0.40, 0.36, 0.37, 0.23, 0.25, h. 0.26, 0.26, 0.21, 0.11, 0.15. The steps are very worn. They end on a landing meas. 0.81 x 0.75.

In the east wall is a hole to cistern b at c. 1.40 from the top of the wall. In the south wall is a hole at c. 1.18 from the highest point of the wall. The latter hole goes through the south wall but not through wall-part 8, south b. In between the walls a channel goes downwards: possibly an overflow.

Cistern b: inside 3.67 x 1.76, outside 4.28 x 2.05 (at west side)/2.675 (at east side). The back wall of the cistern protrudes 0.765 past pier 22 and has at 0.22 from the pier a projection of 0.10, that has been daubed in modern times. Latericium. W. of walls 0.31 and 0.185 (south wall). D. could not be measured. Max. preserved h. 2.05. Masonry like in cistern a. Modulus: 0.326 (north wall), 0.345 (east wall), 0.30, 0.331 (av. 0.316) (south wall), 0.333 (west wall). Mortar: like in cistern a; also black and green pozzolana. In the east wall a hole with underneath the end of a lead tube at c. 1.25 from the top of the wall. In the south wall five scaffolding-holes and in the west wall a hole to cistern a. In the corners traces of plaster and cocchiopesto with pieces of yellow brick.

Staircase A, l. 2.32, w. 1.41, h. 1.37, has six steps. W. of the steps, from bottom to top: 0.28, 0.28, 0.295, 0.295, 0.295, 0.40. Behind the upper step a landing, w. 0.42. H. of steps, from bottom to top: 0.28, 0.22, 0.21, 0.20, 0.21, 0.215.

Staircase B, l. 1.08, w. 1.22, h. 0.555, has three steps. W. of steps 0.44, 0.31, 0.33. H. of steps 0.09 (disappears into the ground), 0.22, 0.185.

Staircase C, l. 1.55, w. 1.36, h. 0.86, has four steps. W. of steps 0.21, 0.28, 0.28, 0.50. Behind the upper step a landing, w. 0.28. H. of steps 0.28, 0.24, 0.26, 0.21.

Eight mills or remains of mills (from west to east mills m1 till m8).

m1 Meta only: circumference 1.92, diam. 0.60, h. 0.59.

m2 Meta only: circumference 3.07, diam. 0.976, preserved h. 0.77. The meta is hollow. At the inside remnants of white mortar with pieces of yellow and pink bricks.

m3 Meta: circumference 2.85, diam. 0.906, h. 1.02. Catillus: largest diam. 0.62, start of shoulder at 0.72, highest point at 1.19.

m4 Meta in mortar-bed: circumference meta 2.95,

diam. 0.938, h. 1.24; mortar-bed, diam. 1.798, h. 0.33. Mortar-bed in vittatum B, probably entirely daubed in modern times. Inscription on meta where mortar-bed has crumbled: *S P C Y R*, w. 0.63, h. 0.34/0.37. Catillus: largest diam. 0.96, start of shoulder at 0.85, highest point at 1.65.

m5 Meta in mortar-bed: circumference meta 3.10, diam. 0.985, h. 1.24; mortar-bed, circumference 5.51, diam. 1.75, h. 0.38. Mortar-bed in vittatum B, entirely daubed in modern times. Catillus: in pieces, lowest preserved point at 0.92, highest preserved point at 1.49.

m6 Meta: circumference 3.04, diam. 0.966, highest visible point 0.53. The meta is thin at the upper part and gets wider towards the bottom. Catillus: lowest point 0.38, highest point 1.10.

m7 Meta: circumference 2.16, diam. 0.829, highest visible point 0.84. Inscription on meta at north side: *P A R*, w. 0.22, h. 0.20. The letters are filled in with red. Catillus: largest diam. 0.67, lowest point 0.84, highest point 1.39.

m8 Meta in mortar-bed: circumference meta 2.78, diam. 0.883, highest preserved point 1.03; mortar-bed, diam. 1.643, h. 0.34. Mortar-bed in vittatum B, daubed entirely in modern times. Inscription on meta where mortar-bed has crumbled: *M I V*, w. 0.60, h. 0.29. Catillus: only a quarter preserved, lowest point 0.65, highest point 1.33.

Four complete kneading-machines and the remnants of a fifth (k1 till k5).

k1 Largest diam. 0.98, inside diam. 0.44, h. 0.75. Holes opposite each other at 0.46-0.51 from the ground. Lead preserved in holes. Inscription: *G I A H*, w. 0.46, h. 0.22.

k2 Largest diam. 0.97, inside diam. 0.46, h. 0.64. Holes opposite each other at 0.57-0.66 from the ground.

k3 Largest diam. 0.59, inside diam. 0.42, h. 0.64. Holes opposite each other at 0.33-0.38 from the ground. Kneading-machine stands on a oil-press (0.67 x 0.71) with circular groove (w. 0.025) and drainage to one side.

k4 Largest diam. 0.79, inside diam. 0.475, h. 0.82. Holes opposite each other at 0.47-0.54 from the ground.

k5 Preserved partly, preserved height 0.47. Among the pieces of the kneading-machine is a piece of a heavy granite bowl, of which the inside is very smooth.

On both sides of staircase C are two "buckets" (b1 and b2), that could be mortars. Both narrow downwards.

b1 Made of rough volcanic rock, like the mills and the kneading-machines, circumference 1.57, diam. 0.50, inside diam. 0.35, h. 0.465. The bucket has two flat handles at the top.

b2 Made of travertine, circumference 2.50, diam. 0.794, inside diam. 0.64, h. 0.65.

Against north c lies a square travertine slab with in the centre a round hole, l. 0.805, w. 0.76. Diam. of

hole 0.20. Above this slab is a rough drainage-channel in the wall (see D).

In the north-west corner of the room is a strange large worked block of tufa, l. 0.83, w. 0.73, h. 0.37 and 0.53. The block has on two sides a raised edge (w. at the bottom 0.30, at the top 0.26/0.22). The short sides of the block (one with and one without a raised edge) are smooth. The long sides are rough.

North of staircase B lie two pieces of a threshold-stone, l. 0.13 and 0.80, w. 0.34.

Traces of plaster in room 8: against north a, north d (a fine plaster with against it cocchiopesto), against pier 1 0.13 thick (with large pieces of yellow, red and pink brick), against pier 2 (very smooth surface), against pier 4 (thinner and finer than against pier 1).

ROOM 9

A. 6.51; 4.76; 6.265; 5.275.

B. North a Pier 17, latericium, l. 1.17, w. 0.585. Entirely like 8, south k. Modulus: 0.274. Mortar: dark-grey, rather badly sieved, dark-grey and black pozzolana, also a little brown. Other granules: pebbles and small pieces of lime. Largely daubed in modern times.

b Incertum mixtum, l. 4.005. This wall-part is divided into three different parts with different widths: l. resp. 0.85, 1.48, 1.675; w. resp. 0.545, 0.17, 0.27. The wall-part has been daubed completely in modern times. Where the authentic mortar can be seen: light- and dark-grey, rather badly sieved, dark-brown, dark-grey and black pozzolana. Other granules: large pieces of marble, occasionally a pebble. The connection between the wall-part and the piers has been daubed in modern times.

c Pier 18, latericium, l. 1.335, w. 0.60. Entirely like 8, south i. A course of bipedales: at the west side a broken bipedalis, at the east side a complete bipedalis, in between two bricks. Modulus: 0.278, 0.273 (av. 0.276). Mortar: light-grey, rather well sieved, dark-brown, dark-grey and black pozzolana. Other granules: small pieces of lime. Masonry: rather irregular.

East opening to room 10, w. 4.76. In the plan in SO a wall (?) has been indicated; not preserved.

South b (a is the south wall of room 10) wall-pier 23, latericium, l. 1.03, w. of pier c. 0.60. Bricks yellow, light- and dark-pink and orange-pink, mainly fresh, some slightly convex. Two overlapping bipedales, starting at 0.83. Meas. of bricks: l. 0.304, 0.30, 0.24, 0.264, 0.282 (av. 0.279); th. 0.035, 0.035, 0.037, 0.036, 0.035 (av. 0.036); th. of joints: 0.016, 0.019, 0.015, 0.012, 0.02 (av. 0.016). Modulus: 0.261, 0.255, 0.259 (av. 0.258). Mortar: light-grey, rather badly sieved, black, dark-grey and a little brown pozzolana. Other granules: pebbles and small pieces of lime. The mortar is very hard. Much is left of a very fine daubing. Masonry: rather regular; the courses run straight, but can look uneven due to convex bricks. At the top of the wall-pier is the springing of an arch to the west and an arch to the

north. Below the springing is a sesquipedalis next to a bipedalis, at 2.31-2.36. The springing of the arch to the north contains bricks with av. l. 0.41 and av. th. 0.045. The front of the springing shows the caementicium-nucleus with pieces of brick and tile.

c till 0.575 incertum, from 0.575 reticulatum, l. 4.09, w. c. 0.30. *Tesserae* mainly yellow-brown, not always carefully hewn. Meas. of *tesserae*: 0.098 x 0.089, 0.092 x 0.090, 0.098 x 0.10; th. of joints: 0.015, 0.008, 0.012, 0.008, 0.007, 0.006, 0.017 (av. 0.011). Mortar: mortar of incertum and reticulatum identical. Light-grey, rather badly sieved, dark-brown, dark-grey and black pozzolana. Other granules: pebbles and small pieces of lime. The mortar is at places hard, and at places softer. Masonry: rather irregular; *tesserae* not always placed with care and the diagonal lines, although rather straight, are not in a perfect angle of 45 degrees. This wall-part has been put between piers 23 and 24, the mortar of b differs very little from the mortar of a.

d Pier 24, latericium, l. 1.165, w. 0.61. Bricks orange-pink, pink and yellow, mainly fresh. One course of two bipedales next to each other. Meas. of bricks: l. 0.28, 0.263, 0.27 (av. 0.271); th. 0.034, 0.035, 0.034 (av. 0.034); th. of joints: 0.021, 0.016, 0.015, 0.03, 0.022 (av. 0.021). Modulus: 0.27, 0.278 (av. 0.274). Mortar: looks very dark and is very moist, cannot be studied due to moss and decay. Masonry: rather regular, the courses run straight and regular. Some courses are uneven due to convex bricks.

West Vittatum A, l. 5.275, w. c. 0.47. The vittatum has reused reticulatum-*tesserae*, with occasionally a rectangular tufello. Entirely like 6/7, east.

C. The entire floor was taken up by an oven. The floor of the oven has not been preserved.

D. The ceiling was supported by arches. Five scaffolding-holes in the west wall, average height 2.50-2.60.

E. Of the oven three courses of tufa blocks have been preserved, that form three-quarters of a circle. H. of the three courses c. 0.90. The lowest course lies at a lower level than the visible bottom of the surrounding walls. The top of the third course is at exactly the same level as the separation-line between the incertum and the reticulatum in south c. The tufa blocks are c. 0.30 long, w. 0.50/0.55, h. 0.30. The blocks are very worn. The courses touch the north, south and west wall. The corners between the oven and the walls are filled in.

ROOM 10

A. 19.46; 4.88; 19.83; 4.76.

B. North d (a, b and c form the north wall of room 9), incertum mixtum, l. 3.22, w. 0.30. See also 8, south h, there the wall is in reticulatum mixtum. The incertum has irregularly hewn yellow-brown tufa-pieces, occasionally a broken brick. At 1.40 from the ground a latericium-band (see 8, south h). Mortar: light-grey, badly sieved, dark- and light-brown pozzolana. Other granules: small pieces of marble. The mortar is hard.

This wall-part has crumbled at the west and east end and touches at the east end a travertine block (see 8, south h).

e Pier 19, latericium, l. 1.02, w. 0.59. Entirely like 8, south g. Modulus: 0.267

Opening to room 8, w. 4.18. See 8, south opening.

f Pier 20, latericium, l. 1.02, w. 0.595. Entirely like 8, south f. Two overlapping bipedales, starting at 1.26. Modulus: 0.253, 0.274, 0.261 (av. 0.263). Mortar: light-grey, a little bit brownish due to abundance of brown pozzolana. Other granules: pebbles and small pieces of lime. The mortar is hard.

g Incertum, l. 1.24, w. 0.59, h. 0.80. This is some sort of a basin (c), that gets narrower towards the top. The incertum consists mainly of tufa-pieces, occasionally a piece of brick. The mortar has been daubed completely in modern times. The raised edge is c. 0.20 wide. D. cannot be measured, but does not seem to have been great. At the east side the basin touches a travertine block, l. 0.59, w. 0.30, h. 0.10.

h Incertum mixtum, l. 1.855, w. 0.30. Like 8, south d, there reticulatum mixtum. Preserved fragmentary. The tufa-pieces in the incertum are orange-brown. Mortar: light-grey, badly sieved, red-brown and red pozzolana. Other granules: a few small pieces of lime. The mortar is not very hard.

i Pier 21, latericium, l. 1.035, w. 0.595. Like 8, south c. Modulus: 0.272, 0.275 (av. 0.274). Mortar: light-grey, rather well sieved, much dark- and light-brown pozzolana, a little red-brown pozzolana. Other granules: small pieces of lime. The mortar is hard.

j Opus incertum, l. 4.28, w. 0.30. Like 8, south b, there reticulatum, against which the cisterns a and b were built. The incertum has mainly yellow-brown tufa-pieces. Mortar: light-grey, badly sieved, dark- and red-brown pozzolana. Other granules: large pieces of marble. The mortar is not very hard. This wall-part is connected to pier 22 by means of plaster with more red pozzolana. Underneath this connection is some sort of a niche, l. 0.25, d. 0.26, h. 0.50. On the bottom of the niche lies a broken bipedalis, w. 0.34. On top of this bipedalis is a hard, grey plaster smeared upwards against the pier.

k Part of pier 22, latericium, l. 0.23, w. of pier 0.60. Entirely like 8, south a. Modulus: 0.269, 0.276 (av. 0.273). Mortar: light-grey, rather well sieved, dark-, light- and red-brown pozzolana. Other granules: small pieces of lime. The mortar is hard.

East a Part of pier 22, latericium, l. 0.28. See south k. b Reticulatum mixtum, l. 4.88, w. 0.46. This wall-part has been set against pier 22 and the south wall. *Tesserae* mainly yellow-brown, carelessly hewn and shaped to fit below the latericium-band. Meas. of *tesserae*: 0.096 x 0.091, 0.10 x 0.091, 0.092 x 0.084, 0.10 x 0.104; th. of joints: 0.014, 0.044, 0.006, 0.009, 0.02, 0.023, 0.017 (av. 0.015). Latericium in the mixtum: band of three courses higher in the wall. Distance between the ground and the band 1.33. Bricks mainly yellow, a few pink, mainly fresh. Meas. of bricks: l. 0.259, 0.257 (av. 0.258); th. 0.036, 0.037

(av. 0.037); th. of joints: 0.022, 0.019, 0.018, 0.019 (av. 0.02). Mortar: light-grey, towards the south darker, rather badly sieved. Mainly dark-brown pozzolana, towards the south more dark-grey and black pozzolana. Other granules: pebbles and small pieces of lime. Masonry: irregular, *tesserae* carelessly placed, below the latericum-band some placed horizontally. The diagonal lines are not straight and not in an angle of 45 degrees.

South a Mixtum, l. 19.83, w. 0.45/0.52. *Tesserae* mainly yellow-brown, also orange-brown. Partly hewn carefully, partly carelessly, shaped to fit below the latericum-band and above and below the teeth. Meas. of *tesserae*: 0.095 x 0.095, 0.096 x 0.094, 0.098 x 0.098, 0.098 x 0.101; th. of joints: 0.017, 0.009, 0.008, 0.018, 0.02, 0.012 (av. 0.014). Latericum in the mixtum: band of six courses along the bottom of the wall. A band of five courses higher in the wall. Distance between both bands 1.54. From east to west: latericum-post with on both sides one tooth preserved. Distance between band and first tooth 0.315 (wall not preserved higher). W. of post 0.29 (one brick), th. of teeth (four courses) 0.294, 0.255, l. of teeth 0.31, 0.30. At a distance of ca. 8.00 a latericum-post with on both sides two teeth below the higher latericum-band and remnants of a third tooth above this band. Distance between lower band and first tooth 0.305 and 0.355, between first and second tooth 0.32 and 0.324, between second tooth and higher band 0.325 and 0.342, between higher band and third tooth 0.335 and 0.343. W. of post 0.29/0.30 (one brick), th. of teeth (five courses) 0.27, 0.27, 0.26, 0.28, 0.26. L. of teeth 0.30, 0.33, 0.31, 0.34, 0.295 (th. and l. of third tooth at east side of post can not be measured). At ca. 5.00 from this post a latericum-post against pier 23 with at one side two teeth below the higher band and one tooth above the higher band and the remnants of a fourth tooth. Distance between lower band and first tooth not visible, between first and second tooth 0.325, between second tooth and higher band 0.275, between band and third tooth 0.33, between third and fourth tooth 0.34. W. of post 0.27 (one brick), th. of teeth (five courses) 0.265, 0.27, 0.275. L. of teeth 0.31, 0.305, 0.31 (th. and l. of fourth tooth can not be measured). Bricks mainly dark-yellow, also yellow and light-pink, mainly fresh and most slightly convex. Meas. of bricks: l. 0.265, 0.28, 0.272, 0.285, 0.278, 0.28 (av. 0.277); th. 0.042, 0.038, 0.04, 0.04, 0.035, 0.032 (av. 0.038); th. of joints: 0.022, 0.015, 0.019, 0.019, 0.016, 0.023 (av. 0.019). Modulus: 0.265, 0.26, 0.26, 0.26 (av. 0.261). Mortar: light-grey, at second latericum-post reddish, rather well sieved. Pozzolana towards the east mainly brown and red-brown, at the bottom more black and dark-grey, more to the west only black and dark-grey, further to the west brown, red-brown and red, against pier 23 dark-grey, black and dark-brown. Other granules: pebbles and small pieces of lime. The latericum has at places a fine daubing with at the bottom of the joints an

indent made by the trowel. Masonry: reticulatum at places regular with straight diagonal lines, at other places reticulatum more irregular and sometimes smaller *tesserae* are inserted to make it all fit. Latericum rather regular with straight and regular courses, although some courses look a little uneven due to the convex bricks. The mortar and the bricks of this wall-part form an entity with those of pier 23.

C. ---

D. In south wall three fairly large holes in the higher latericum-band: 0.00-0.16 x 1.83-2.02, 1.06-1.21 x 1.72-2.02, 2.19-2.41 x 1.56-2.00, at the west side where the wall is preserved higher seven scaffolding-holes at av. h. 2.64-2.73.

E. One travertine kneading-machine (k6): circumference 1.43, diam. 0.454, inside diam. 0.38, h. 0.55, holes opposite each other at 0.30 from the ground. In the bottom a hole filled in with lead.

Against the south wall lies a travertine drainage-slab with a hole in the centre (like in room 8 against the north wall), l. 0.78, w. 0.77, diam. of hole 0.21. Above the slab no trace of a drainage-channel.

On the plan in SO a large basin has been indicated, not preserved. There is however a small hill covered by grass on this spot.

ROOM 11

A. 4.21; c. 5.50; 4.68; 5.485.

B. North a Latericum, l. 0.765, w. 0.18, 0.28. This is the rear side of the back wall of cistern d (see 8, E).

Opening to room 8, w. 3.445.

East L. c. 5.5, see 8, east d and e.

South Mixtum, l. 4.68, w. 0.46/0.52. *Tesserae* mainly yellow-brown, and carelessly hewn and shaped to fit below the latericum-band and the teeth. Meas. of *tesserae*: 0.085 x 0.089, 0.095 x 0.093, 0.103 x 0.099, 0.10 x 0.095; th. of joints: 0.017, 0.009, 0.014, 0.021, 0.018, 0.004, 0.011 (av. 0.013). Latericum in the mixtum: band of six courses along the bottom of the wall. Upper part of wall overgrown. Latericum-post with two teeth at the east end. Distance between band and first tooth 0.357, between first and second tooth 0.41. W. of post 0.274/0.28/0.294. Th. of first tooth (five courses) 0.276, of second tooth only two courses preserved. L. of teeth 0.285, 0.30. Bricks yellow, dark-yellow, pink and dark-pink, mainly fresh. Meas. of bricks: l. 0.285, 0.272, 0.295, 0.25 (av. 0.276); th. 0.039, 0.036, 0.037, 0.037 (av. 0.037); th. of joints: 0.02, 0.021, 0.022, 0.017, 0.021 (av. 0.02). Modulus: 0.278, 0.276 (av. 0.277). Mortar: light- and dark-grey, rather badly sieved. Dark-grey and black pozzolana, occasionally brown. Other granules: small pieces of lime. The mortar is at places hard. Masonry: rather irregular, latericum more regular at places. This wall is a continuation of the south wall of room 10 against which the west wall has been put. This wall is put against the east wall, but the mortar of both forms an entity.

West a Mixtum, l. 4.90, w. 0.46. See 10, east b. The wall reclines a little bit towards the east.

b Pier 22, latericium, l. 0.585. See 8, south a and 10, north k. Bipedalis at 1.245 from the ground. Modulus: 0.269, 0.263 (av. 0.266).

C. In this room are some basalt blocks and in the south-east corner some travertine fragments.

D. ---

E. Travertine drainage-slab, l. 0.75, w. 0.75, diam. of central hole 0.24.

ROOM 12

A. North wall preserved till 2.10; east side can not be measured; 9.00; 4.525.

B. North L. 2.10. Very irregular masonry which has been daubed or rebuilt completely in modern times.

East opening to Semita dei Cippi, w. cannot be determined. Only a part of the pier at the east end of the south wall has been preserved, l. 0.14. Here five courses of bricks have been preserved on top of caementicium, that probably is the foundation of the former pier (see east facade a)

South a Mixtum, l. 3.04, w. 0.46. *Tesserae* yellow-brown and orange (many modern), carelessly hewn and shaped to fit below the latericium-band and below and above the teeth. Meas. of *tesserae*: 0.081 x 0.087, 0.09 x 0.088, 0.096 x 0.095. Latericium in the mixtum: band of three courses along the bottom of the wall. Higher in the wall a course of sesquipedales. Distance between both 1.35. Latericium-post at the east end, not preserved high enough to show teeth. W. of post 0.36. Door-post at west end with two teeth. Distance between band and first tooth 0.30, between first and second tooth 0.265, between second tooth and sesquipedales 0.304. W. of post 0.295/0.275. Th. of teeth (three courses) 0.16, 0.156. L. of teeth 0.285, 0.295. Bricks pink-red, orange-red and yellow, mainly fresh. Meas. of bricks: l. 0.197, 0.195, 0.21 (av. 0.201); th. 0.04, 0.04, 0.035 (av. 0.038); th. of joints: 0.016, 0.018, 0.023, 0.017 (av. 0.019). Modulus: 0.27, 0.262 (av. 0.266). Mortar: reddish and purplish grey, rather badly sieved, much light-brown, red-brown and red pozzolana. Other granules: pebbles. The mortar is at places hard, at places soft. Masonry: irregular.

b Mixtum, l. 1.48, w. 0.46. This is a blocked doorway, since the latericium-posts at both sides of this wall-part do not have teeth. *Tesserae* mainly orange and carelessly hewn. Meas. of *tesserae*: 0.097 x 0.10, 0.101 x 0.095. Latericium in the mixtum: the band along the bottom of wall-part a and the course of sesquipedales higher in a continue here. Here the bricks in the band are a little thinner: 0.026, 0.027, 0.03, 0.026 (av. 0.027). Mortar: pink light-grey, rather badly sieved, brown, light-brown and reddish brown pozzolana. Other granules: pebbles and small pieces of lime. The mortar is quite hard. Masonry: irregular. The door-posts do not continue above the sesquipedales, therefore a separation between the reticulatum of this wall-part and that of a is difficult to find and maybe did not exist. The blocking seems contemporary to the construction of a (so that the

door-post was never continued upwards).

c Mixtum, l. 3.26, w. 0.46. This wall-part is much damaged and overgrown. *Tesserae* mainly orange and carelessly hewn, carelessly shaped to fit below the sesquipedales and above and below the teeth. Meas. of *tesserae*: 0.10 x 0.10, 0.095 x 0.097; th. of joints: 0.016, 0.018, 0.012, 0.014, 0.015 (av. 0.015). Latericium in the mixtum: band of six courses along the bottom of the wall. A course of sesquipedales higher in the wall, and higher in the wall a latericium-band of three courses. Distance between band along bottom and sesquipedales 1.35, distance between band higher in wall and sesquipedales 0.37. Door-post at east end of wall-part with two teeth. Distance between band and first tooth 0.175, between first and second tooth 0.25, between second tooth and sesquipedales 0.20. W. of post 0.305, th. of first tooth (five courses) 0.275, of second tooth (three courses) 0.16. Bricks like in a. The joints are wider. Th. of joints: 0.022, 0.015, 0.025, 0.017 (av. 0.015). Modulus: 0.293, 0.273 (av. 0.283). Mortar: reddish grey, rather badly sieved, red and brown pozzolana. Other granules: a few small pieces of lime. The mortar is hard. Masonry: irregular.

d Latericium, l. 1.22, w. 0.46. Bricks yellow, mainly fresh. Meas. of bricks: l. 0.26, 0.26, 0.257, 0.264 (av. 0.26); th. 0.032, 0.027, 0.03, 0.027 (av. 0.029); th. of joints: 0.02, 0.018, 0.024, 0.017, 0.015 (av. 0.019). Modulus: 0.255, 0.271 (av. 0.263). Mortar: light-grey, at places rubiginous, rather badly sieved, rubiginous-brown and dark-brown pozzolana. Other granules: occasionally pebbles and rather large pieces of lime. Masonry: rather regular. This wall-part forms an entity with the west wall. The separation-line between this wall-part and c is irregular.

West Latericium, l. 4.525, w. 0.45. See 8, east a. Modulus: 0.268

C. At the bottom of the walls a protruding ridge of caementicium is visible on top of which the floor must have been. The ridge is part of the foundation.

D/E. ---

ROOM 13

A. 8.91; 4.21; 8.08; 4.13.

B. North a Latericium, l. 1.16, w. 0.46. See 12, south d. Modulus: 0.255, 0.257 (av. 0.256). At the bottom a modern repair. It seems that the latericium-band along the bottom of b continued here.

b Mixtum, l. 3.32, w. 0.46. See 12, south c. Bricks of the latericium in the mixtum yellow and orange-pink. W. of door-post at east end 0.33; two teeth, lower of six and upper of three courses.

c Mixtum, l. 1.48, w. 0.46. See 12, south b. Below the sesquipedales much modern daubing.

d Mixtum, l. 2.95, w. 0.46. See 12, south a. The door-post at the west end contains more pink-red bricks.

East a Latericium, l. 0.57. See east facade a. A bipedalis rests on top of a caementicium-foundation, above the bipedalis the pier is modern.

Opening to Semita dei Cippi, w. 2.91.

b Latericium, l. 0.73. See east facade b. Here a bipedalis protrudes rather far on top of a caementicium-foundation. The rest of the pier is modern.

South a Mixtum, l. 1.43, w. 0.28. This wall-part is completely modern.

b Mixtum, l. 5.42, w. 0.28. *Tesserae* yellow-brown and orange, carelessly hewn and shaped to fit below the latericium-band and above and below the teeth. Meas. of *tesserae*: 0.097 x 0.08, 0.098 x 0.094, 0.101 x 0.093; th. of joints: 0.018, 0.017, 0.017, 0.014, 0.011, 0.009 (av. 0.014). Latericium in the mixtum: band of six courses along the bottom of the wall and a band of three courses higher in the wall. Distance between both 1.425. In the middle of the wall a latericium-post with on both sides two teeth below the higher band and the remnants of a third above this band. Distance between band and first tooth 0.356 and 0.354, between first and second tooth 0.36 and 0.365, between second tooth and band 0.165 and 0.17. W. of post 0.655. Th. of teeth (five courses) 0.282, 0.295, 0.283, 0.278. L. of teeth 0.30, 0.30, 0.297, 0.28. Bricks mainly yellow and light-pink, mainly fresh. Meas. of bricks: l. 0.193, 0.198, 0.219 (av. 0.203); th. 0.032, 0.036, 0.036 (av. 0.035); th. of joints: 0.027, 0.025, 0.02, 0.018, 0.015 (av. 0.021). Modulus: 0.282, 0.28 (av. 0.281). Mortar: light-grey, at places the mortar takes the colour of the pozzolana, rather badly sieved. Brown, red and occasionally dark-grey and black pozzolana. At places preponderant red or black pozzolana. Other granules: pebbles and small pieces of lime. The mortar is hard. Masonry: irregular.

c Latericium, l. 1.23, w. 0.28. Bricks yellow and mainly fresh, like in 8, east b. Modulus: 0.267, 0.276 (av. 0.272). Mortar: light-grey, at places rubiginous, rather badly sieved. Rubiginous-brown and dark-brown pozzolana. Other granules: pebbles and small pieces of lime, at places more heterogeneous (small pieces of brick and charcoal). The separation-line between b and c is very irregular. This wall-part forms an entity with the west wall.

West a Latericium, l. 1.31, w. 0.46. See 8, east b. Modulus: 0.271, 0.272 (av. 0.272).

Doorway to room 8, w. 1.49, h. 2.10. See 8, east doorway between a and b.

b Latericium, l. 1.33, w. 0.46. See 8, east a. At places the mortar is more heterogeneous (small pieces of brick, charcoal, shells and some black and grey pozzolana).

C. At places at the bottom of the walls part of the caementicium-foundation is visible; on top of this the floor may have rested.

D. In south b one beamhole through the wall: 6.40-6.56 x 1.89-2.10. In west a one large beamhole against the south wall: 0.00-0.32 x 2.18-2.93. In west b one large beamhole against the north wall: 3.82-4.13 x 2.15-2.33.

ROOM 14

A. 8.345; 3.48; 7.65; 3.19.

B. North a Latericium, l. 1.80, w. partly 0.28. See 13, south c. Modulus: 0.269, 0.274 (av. 0.272). The mortar has not been sieved at places and contains large lumps of pozzolana.

b Mixtum, l. 4.905, w. 0.28. See 13, south b. Instead of a latericium-post in the middle of the wall the north wall has a protruding latericium-pier, w. 0.52. Bricks yellow, light- and dark-pink, mainly fresh. Meas. of bricks: l. 0.24, 0.215, 0.26, 0.215 (av. 0.233); th. 0.034, 0.036, 0.038, 0.038, 0.035 (av. 0.036); th. of joints: 0.016, 0.021, 0.015, 0.017, 0.016 (av. 0.017). Modulus: 0.277, 0.271 (av. 0.274). Mortar: light-grey, rather well sieved, mainly brown pozzolana. Other granules: pebbles and small pieces of lime. The mortar is fairly hard. Masonry: reasonably regular.

c Mixtum, l. 1.64, w. 0.28. Modern.

East a Latericium, l. 0.17. See east facade b. Modern above the bipedalis resting on the caementicium-foundation.

Opening to Semita dei Cippi, w. 3.01. At the north side of the opening one stone with pivot-hole remains of the threshold, l. 0.38, w. 0.30.

b Latericium, l. 0.30. See east facade c.

South a Mixtum, l. 1.54, w. 0.45. Modern.

b Mixtum, l. 5.33, w. 0.45. *Tesserae* yellow-brown and orange, carelessly hewn. Meas. of *tesserae*: 0.104 x 0.103, 0.098 x 0.10; th. of joints: 0.015, 0.008, 0.015, 0.02 (av. 0.015). Latericium in the mixtum: band of five courses along the bottom of the wall, band of three courses higher in the wall. Distance between both 1.515. In the middle of the wall-part a protruding pier, w. 0.595. Bricks yellow, pink and orange-pink, mainly fresh. Meas. of bricks: l. 0.27, 0.29 (av. 0.28); th. 0.038, 0.041 (av. 0.04); th. of joints: 0.021, 0.017, 0.015 (av. 0.018). Modulus: 0.265, 0.269 (av. 0.267). Mortar: light-grey, rather badly sieved, mainly red and red-brown pozzolana, occasionally black. In the wall-pier more black pozzolana. Other granules: pebbles and small pieces of lime. The mortar is hard in the latericium, softer in the reticulatum. Masonry: rather irregular.

c Mixtum, l. 0.78, w. 0.45. Modern.

C. ---

D. In north a three scaffolding-holes at h. 1.63-1.72. In north b one beamhole through the wall: 2.15-2.30 x 1.86-2.07; two smaller holes: 2.30-2.40 x 1.59-1.67, 2.41-2.53 x 1.59-1.69. In south b one beamhole through the wall: 5.59-5.73 x 1.98-2.12; two scaffolding-holes: 6.00-6.14 x 2.52-2.65, 4.92-5.03 x 2.52-2.64; one filled-in beamhole (?): 3.945-4.06 x 1.95-2.13.

E. Remnants of staircase D, l. 1.02, w. 1.37, preserved h. a couple of centimetres. Covered by modern concrete. In front of the staircase two travertine stones, that could have belonged to it.

ROOM 15

A. 7.10; 3.92; 6.24; 4.035.

B. North a Mixtum, l. 0.36, w. 0.45. Modern.

b Mixtum, l. 5.295, w. 0.45. Like 14, south b. W. of protruding pier in the middle: 0.60.

c Mixtum, l. 1.445, w. 0.45. Modern.

East a Latericum, l. 0.525. See east facade c.

Opening to Semita dei Cippi, w. 3.035.

b Latericum, l. 0.37. See east facade d.

South a Mixtum, l. 1.80, w. 0.30. Completely identical to mixtum of north wall.

b Latericum, l. 1.08, w. 0.30. Bricks yellow, pink and light-pink, mainly fresh. Meas. of bricks: l. 0.23, 0.235, 0.27 (av. 0.245); th. 0.042, 0.04, 0.042 (av. 0.041); th. of joints: 0.027, 0.023, 0.018, 0.022 (av. 0.023). Modulus: 0.31, 0.31. Mortar: light-grey, rather badly sieved. Mainly brown pozzolana. Other granules: pebbles and small pieces of lime. The mortar is soft. This wall-part is a blocking, but not of a doorway. It seems to belong to the same period as the wall-parts on either side.

c Mixtum, l. 3.36, w. 0.30. *Tesserae* mainly yellow-brown, also many orange, carelessly hewn and shaped to fit below the latericum-band. Meas. of *tesserae*: 0.093 x 0.085, 0.096 x 0.094; th. of joints: 0.018, 0.017, 0.007, 0.029 (av. 0.018). Latericum in the mixtum: band of five courses along the bottom of the wall, band of three course higher in the wall. Distance between both 1.36. This wall-part contains a protruding pier in latericum, that corresponds to the protruding pier in the north wall. Data of the pier: modulus 0.269, 0.279 (av. 0.274); mortar: light-grey, rather badly sieved; brown and red-brown pozzolana; near the bottom also black and dark-grey pozzolana; other granules: small pieces of lime; the mortar is hard; masonry: irregular.

West a Mixtum, l. 1.16, w. 0.46. See 8, east d.

Doorway to room 8, w. 1.51, h. 1.95. See 8, east doorway between c and d.

b Mixtum, l. 1.365, w. 0.46. Modern. See 8, east c.

C. ---

D. In north b one beamhole through the wall: 1.46-1.62 x 1.96-2.08; one filled-in beamhole (?): 3.12-3.245 x 1.925-2.135; three scaffolding-holes of which two filled in: 1.02-1.15 x 2.43-2.61, 1.96-2.05 x 2.50-2.62, 2.19-2.26 x 2.47-2.57. In south c one beamhole through the wall: 4.78-4.93 x 1.82-1.965; one beamhole pointed towards west in protruding pier: 3.31-3.49 x 1.75-1.90; three scaffolding-holes: 5.91-6.02 x 2.34-2.45, 5.13-5.23 x 2.34-2.44, 4.41-4.52 x 2.33-2.43. In west a one large beamhole with a brick over the top: 0.005-0.23 x 1.90-2.05; one filled-in scaffolding-hole: 0.13-0.27 x 2.35-2.41.

E. ---

ROOM 16

A. 6.175; east can not be measured; south preserved till 3.30; 4.69.

B. North a Mixtum, l. 3.385, w. 0.30. See 15, south c.

b Upper half latericum, lower half incertum, l. 1.04, w. 0.30. See 15, south b. From the ground till 0.86 this wall-part is in incertum with among others large pieces of opus signinum used as bricks. Mortar: like

in 15, south b.

c Mixtum, l. 1.75, w. 0.30. See 15, south a.

East a Latericum, l. 0.24. See east facade d.

Opening to the Semita dei Cippi. W. can not be measured.

South a Mixtum, l. 2.05, w. 0.41. Badly preserved part of fragmentary preserved south wall. The mixtum is identical to the mixtum in the north wall.

b Mixtum, l. 0.50, w. 0.52. Like a.

West a Mixtum, l. 1.515, w. 0.435. Entirely like 8, east e.

Doorway to room 11, w. 1.455. See 8, east doorway between d and e.

b Mixtum, l. 1.72, w. 0.46. Entirely like 8, east d.

C. ---

D. In north a one beamhole through the wall: 1.305-1.455 x 1.87-2.01; in protruding pier one beamhole pointed towards west: 2.78-2.94 x 1.88-2.01; three scaffolding-holes: 0.25-0.35 x 2.40-2.54, 1.01-1.13 x 2.37-2.53, 1.73-1.31 x 1.78-2.00. In west b one large beamhole against north wall: 4.40-4.69 x 1.94-2.10.

E. ---

CORRIDOR 17

A. 15.01; c. 1.81; 18.80; 2.15.

B. North a Opus quadratum, l. 0.91. See west facade.

b Latericum, l. 1.85, w. 0.59. Bricks yellow, light-pink, pink and orange-pink, mainly fresh. Th. of joints: 0.029, 0.02, 0.024, 0.018 (av. 0.023). Modulus: 0.289, 0.278 (av. 0.284). Mortar: light-grey, rather badly sieved. Mainly dark-brown and dark-grey pozzolana. Other granules: pebbles and small pieces of lime. The mortar is hard. Masonry: not very regular.

Doorway, w. 0.98.

c Mixtum, l. 6.39, w. 0.59. *Tesserae* mainly yellow-brown and rather carelessly hewn, made into triangles below the latericum-band. Meas. of *tesserae*: 0.092 x 0.095, 0.10 x 0.096; th. of joints: 0.008, 0.011, 0.015, 0.013, 0.017 (av. 0.013). Latericum in the mixtum: 0.815 high band along the bottom of the wall, band of six courses higher in the wall. Distance between both 1.21. Three wide latericum-posts (w. resp. 1.65, 1.52, 1.02), the two posts at the ends of this wall-part with two teeth at one side and the middle post with two teeth on either side. Teeth of all posts at same level. Distance between band and first tooth c. 0.35, between first and second tooth c. 0.36. Second tooth is directly beneath the higher band. Bricks mainly light-pink, and orange-pink and less yellow. Modulus: 0.285, 0.279 (av. 0.282). Mortar: like b. Masonry: rather regular, the latericum more so than the reticulatum. This wall-part contains a window, l. 0.93. d Latericum, l. 1.475, w. 0.59. This is a blocking of a doorway. Rather complicated structure just above the blocking. At the west side there is a filled-in square continuing into wall-part c, while at the east side the door-post continues upwards and at a higher level a square continues to the west. Bricks of all kinds of colours and mainly fresh, thinner than in b and c.

Meas. of bricks: l. 0.253, 0.239 (av. 0.246); th. 0.027, 0.03 (av. 0.029); th. of joints: 0.028, 0.026, 0.026, 0.028 (av. 0.027). Modulus: 0.272. Mortar: seems to correspond with the mortar of 6/7 south b and c. Masonry: rather irregular.

e Latericium, l. 1.93. L-shaped wall-part. Like the latericium in b and c. Meas. of bricks: l. 0.245, 0.24, 0.21 (av. 0.232); th. 0.036, 0.034, 0.037 (av. 0.036); th. of joints: 0.025, 0.018, 0.017, 0.026 (av. 0.022). Modulus: 0.285. Mortar: like in b and c.

Opening W. 1.91. H. can not be measured but must have been considerable, since the wall at the west side has been preserved to a h. of c. 3.00 and does not show any trace of a lintel.

f Latericium, l. 3.10, w. 0.60. Bricks mainly yellow, also orange- and light-pink, mainly fresh. Meas. of bricks: l. 0.26, 0.215, 0.22, 0.23 (av. 0.231); th. 0.03, 0.035, 0.045, 0.03 (av. 0.035); th. of joints: 0.022, 0.02, 0.019, 0.015 (av. 0.019). Modulus: 0.242, 0.243, 0.244 (av. 0.243). Mortar: light-grey, rather badly sieved. Mainly black and dark-grey pozzolana, also some red and green. Other granules: pebbles and small pieces of lime and brick. The mortar is fairly soft. Masonry: More irregular than b, c and e. Bricks somewhat convex, but the courses still quite straight.

East, opening to corridor 18, w. 1.30.

a Latericium, l. 0.61, w. 0.45. Crumbled at north end. Entirely like 8, north b.

South a Latericium, l. 1.45, w. 0.45. Crumbled at west end. Entirely like 8, north b.

Opening to room 8, w. 3.37. See 8, north opening.

b Vittatum A, l. 3.70, w. 0.44. Entirely like 8, north a and 2, north b.

Doorway to room 2, w. 0.86. See 2, north.

c Vittatum A, l. 2.20, w. 0.46. Entirely like 2, north a and 1, north b.

Doorway to room 1, w. 0.86. See 1, north.

d Vittatum A, l. 6.36, w. 0.45. Entirely like 1, north a.

West, opening to Cardo Maximus, w. 2.15.

C. ---

D. In north c nine scaffolding-holes, of which five filled in, at av. h. 2.08-2.19, four beamholes (?): 3.39-3.50 x 1.65-1.85, 4.87-4.99 x 1.68-1.88, 6.22-6.37 x 1.69-1.91, 7.66-7.80 x 1.75-1.95. In north f two scaffolding-holes: 12.18-12.25 x 1.79-1.86, 12.945-13.085 x 1.78-1.86. In south b, c and d eight scaffolding-holes at av. h. 2.04-2.17.

E. ---

CORRIDOR 18

A. 15.43; 1.25; 15.21; c. 1.40.

B. North a Incertum, l. 0.75, w. 0.42. Daubed completely in modern times.

b Latericium, l. 4.71, w. 0.48. Bricks yellow, rather thick, also some thinner bricks, many are fresh. Preserved fragmentary and daubed completely in modern times. Masonry: irregular.

c Latericium, l. 0.90, w. 0.48. Thick pink-red bricks. Meas. of bricks: l. 0.20, 0.28 (av. 0.23); th. 0.043, 0.045 (av. 0.044). Yellow bricks of b and d set

against this wall-part. Upper part of wall modern.

d Latericium, l. 4.30, w. 0.48. Like b. Bricks mainly yellow, some orange and pink, thick and thin at random. Meas. of bricks: l. 0.265, 0.27, 0.273 (av. 0.269); th. 0.042, 0.03 (av. 0.036); th. 0.026; th. of joints: 0.023, 0.012, 0.018 (av. 0.018). Modulus: 0.275, 0.278 (av. 0.277). Mortar: like 17, north f. Brown, red and black pozzolana. Masonry: irregular due to the varying thickness of the bricks. At 1.36 from the ground a later restoration in very irregular incertum with tiles, bricks, tufelli and reticulatum-*tesserae*; higher up this incertum becomes a rather normal reticulatum. Mortar: yellowish grey, very badly sieved with large lumps of grey, dark-grey and brown pozzolana. Other granules: fairly large pebbles and pieces of marble, mosaic-*tesserae* and occasionally a small piece of brick. The mortar seems to resemble the mortar of the vittatum A and B of the north wall of rooms 1 and 2 and the east wall of rooms 2 and 3.

e Latericium, l. 0.875, w. 0.48. Like c. Bricks pink-red, mainly fresh. Meas. of bricks: l. 0.222, 0.167, 0.202, 0.23 (av. 0.205); th. 0.037, 0.037, 0.042 (av. 0.039); th. of joints: 0.017, 0.019, 0.014, 0.018 (av. 0.017). Modulus: 0.266, 0.275 (av. 0.271). Mortar: rather dark-grey, at places light-grey, rather badly sieved. Black and dark-grey pozzolana. Other granules: pebbles and small pieces of lime. The mortar is rather hard. Masonry: rather irregular. Above this wall-part too the later restoration with reused reticulatum-*tesserae*.

f Latericium, l. 0.815, w. 0.48. Like d. Modulus: 0.292, 0.284 (av. 0.288). Above this wall-part too the later restoration; here it is a very irregular reticulatum.

g Incertum, l. 1.06, w. 0.48. This is a blocking of a doorway. A very irregular incertum with large lumps of marble, broken tufelli and bricks. Everything is placed very carelessly. Mortar: grey, very badly sieved. Very large granules of black, brown and a little red pozzolana. Other granules: pebbles, pottery, pieces of brick. The mortar is soft.

h Latericium, l. 2.02, w. 0.48. Like d and f. Modulus: 0.32, 0.322 (av. 0.321). Above this wall-part the beginning of a careless later restoration and above that the very irregular reticulatum.

East Incertum, l. 1.25, w. 0.48/0.40. Preserved up to h. 1.12. In the incertum many pieces of tufelli, lumps of tufa and bricks. Mortar: greenish grey, very badly sieved. Mainly brown pozzolana, also black and occasionally grey. Other granules: pebbles and small pieces of lime and larger pieces of brick. The mortar is soft.

South a Mixtum, l. 1.91, w. 0.52. Entirely like 8, north d.

Doorway to room 8, w. 1.17. See 8, north.

b Mixtum, l. 9.04, w. 0.52. Entirely like 8, north c.

Doorway to room 8, w. 2.64. See 8, north.

c Crumbled north end of 8, north b, l. 0.45.

West, opening to corridor 17, l. 1.30.

a Latericium, l. 0.38. Part of 17, north f.

C. ---

D. In north, f and h as well as in the wall-part above blocking g four beamholes (?) at a h. of 2.17-2.36. In south b three scaffolding-holes at a h. of 1.80-1.95.

E. ---

CORRIDOR 19

A. 26.54; ? ; 18.10; 1.79.

B. North a Latericium, l. 1.10, w. 0.455. Daubed completely in modern times. Bricks yellow, orange-pink and pink, mainly fresh.

b Latericium, l. 1.35, w. 0.455. This is a blocked window. Daubed completely in modern times.

c Latericium, l. 1.55, w. 0.455. Like a. Bricks mainly pink and orange-pink, mainly fresh. Meas. of bricks: l. 0.254, 0.258, 0.254 (av. 0.255); th. 0.038, 0.038, 0.04 (av. 0.039); th. of joints: 0.023, 0.022, 0.022, 0.018 (av. 0.021). Modulus: 0.304, 0.294 (av. 0.30). Mortar: light-grey, rather badly sieved. Black, dark- and light-brown pozzolana. Other granules: a few pebbles and small pieces of lime. The mortar is rather soft.

d Latericium, l. 1.02, w. 0.42. This is the blocking of a window (starting at 1.14 from the ground), with orange, pink and yellow bricks, mainly fresh. Meas. of bricks: l. 0.21, 0.235, 0.212 (av. 0.219); th. 0.036, 0.037, 0.042 (av. 0.038); th. of joints: 0.032, 0.03, 0.02, 0.03, 0.028 (av. 0.028). Modulus: 0.307, 0.31 (av. 0.309). Mortar: purplish light-grey, rather badly sieved, brown, light- and dark-brown, black and grey pozzolana. Other granules: a few pebbles and small pieces of lime. The mortar is hard. Masonry: rather regular.

e Mixtum, l. 21.52, w. 0.425/0.45. This long wall-part is entirely in mixtum and contains six windows. Between windows 3 and 4, 4 and 5, 6 and 7 and to the east of window 7 the wall is in latericium. W. of windows resp. 1.03, 1.30, 1.33, 1.025, 1.29, 1.29. Starting at 0.56, 0.62, 0.563, 0.57, 0.76, 0.78. *Tesserae* of all kinds of colours and of different sizes. Meas. of *tesserae*: 0.102 x 0.107, 0.09 x 0.089; th. of joints: 0.018, 0.017, 0.018, 0.021, 0.01 (av. 0.017). Latericium in the mixtum: band of eleven courses along the bottom of the wall. The wall has not been preserved high enough to show a band higher in the wall. Two latericium-posts (w. 0.60 and 0.61) with two teeth. L. of teeth c. 0.310, w. c. 0.29. Bricks like in c. Th. of joints: 0.028, 0.022, 0.024, 0.022 (av. 0.024). Modulus: 0.305, 0.304 (av. 0.305). Mortar: light-grey, rather badly sieved, black, brown and grey pozzolana. Other granules: pebbles and small pieces of lime. The mortar is rather soft. Masonry: rather irregular. Towards the east much of the masonry has been daubed in modern times.

f Latericium, l. 0.73. This is the side of the pier at the east end of the north wall. The pier belongs to the same period as the rest of the north wall.

East, opening to Semita dei Cippi. Opening can not be measured.

South a Mixtum, l. 3.00, w. 0.44/0.52. Daubed or even rebuilt completely in modern times. See also 12, north a.

b Mixtum, l. 15.10, w. 0.52. Entirely like 8, north d. West a Incertum, l. 1.25, w. 0.40/0.48. Entirely like 18 east.

c Latericium, l. 0.34. See 18, north h.

C/D/E. ---

Caseggiato delle Fornaci

Catalogue

Jan van Dalen

§ 1 INTRODUCTION

The method of description is similar to that used in the catalogue of the Cas. dei Molini. Unless reported otherwise all walls are built in latericium.

As the Cas. delle Fornaci was built on a foundation-terrace, the level of which can be observed clearly throughout the entire building, I related the measured heights to this level. Furthermore, since the floor-level of several rooms was lowered at some time during the history of the building, I also recorded the heights as related to the present-day floor-level. As a result, on several occasions two heights are given, one as related to the general foundation-level, the other one as related to the street-level or floor-level.

This same lowering of floor-levels has had the result that in some former plans of the building the widths of some walls have been exaggerated, since, as is normal in Roman building, the foundation-walls are wider than the upper walls. The wall-widths as given here are those of the narrower, true walls, even if the narrowing takes place at a higher level, as in the rooms in the south part of the building. The ridge which is the result of the narrowing has been called plinth.

In 1978 some observations were made on the masonry of the Cas. delle Fornaci by T.L. Heres. These unpublished descriptions are included in the catalogue.

Sometimes reference is made to the original plan as published in *Notizie degli Scavi* 1913, p. 122 and Vaglieri 1914, tavola IV (on a larger scale).

§ 2 DESCRIPTION (Fall 1989)

2A Outer walls

OUTER NORTH WALL. L. 15.69.

a L. 11.24. Almost entirely restored (sign: "restauro 1911 e 1963"). Bricks for the most part antique but reused, including a marble slab. An authentic part is found in the east, at 0.94 to 2.43 from north-east corner, h. 0.70. Meas. at 0.40: brick l. 0.182-0.259, av. 0.222; brick w. 0.025-0.029, av. 0.027; mortar w. 0.015-0.02, av. 0.017. Modulus: 0.236-0.251, av. 0.245. Bands of thick bricks alternate with bands of

thin bricks. The thin bricks have the typical Severan red colour. Well-sifted, very hard mortar, dark-grey (possibly affected by moisture). Black and rust-coloured, sometimes quite large, pozzolana and some heterogeneous material. Some small lime-residues. Two holes, one rectangular at 7.04 from north-west corner (at 0.25 from street-level, w. 0.16, h. 0.30), the other triangular (9.90 from north-west corner, upper sides 0.44 each, base 0.30, in connection with vertical drain-channel.

Doorway to room 17, w. 1.18. No threshold preserved, eroded concrete and brick fragments. The plan in Vaglieri 1914 shows a blocking, not attested.

b L. 0.89, w. 0.90. Preserved until at least 1.16 above street-level, 0.04 above foundation-level.

Set against c. Heavily restored in modern times (sign: "restauro 1911 e 1963"). Very hard greyish mortar with dark-red and black pozzolana, but smaller than in section c, and more brownish pozzolana. A few lime-residues.

c L. 2.48, w. 0.90. Preserved until at least 1.63 above street-level, 0.53 above foundation-level. Heavily restored in modern times. Rather thick bricks, red and yellow, thin mortar-beds. Very hard, greyish mortar with large dark-red and black pozzolana, some grey and some brownish pozzolana. Some lime-residues, sometimes quite large.

Street (Via della Fullonica). W. c. 7.25. Pavement of basalt blocks, except for a c. 3.00 wide strip along the outer north wall of the Cas. delle Fornaci. L-shaped construction (room) at north end of outer north wall, built of eight large travertine blocks. Angle of construction in north-west corner, heading east and south. Long side parallel to outer north wall, l. 8.45, l. of short side 2.80. Distance between end of short side and facade 0.90. The west side projects 0.30 into Via delle Corporazioni. Av. h. 0.30. Long side consisting of six blocks (2.15x1.10; 0.90x1.20; 0.90x1.10; 1.00x1.10; 0.60x1.10; 1.80x1.10). Short side consisting of two blocks (1.40x1.10; 1.40x1.10).

OUTER EAST WALL. L. 48.78 (including alley 11).

a L. 2.98. A narrowing of alley 11. Set against *Insula del Soffitto Dipinto* (II, I, 6) to the south. Meas.: bricks l. 0.245-0.277, av. 0.264; bricks w. 0.025-0.029, av. 0.027; mortar w. 0.020-0.027, av. 0.022. Modulus: 0.25-0.251, av. 0.25. Light- to dark-grey

mortar, containing large red to rust-coloured and black pozzolana. Many large lime-granules and much heterogeneous material. Window at 2.98 above foundation (3.20 above street), w. c. 0.60. Four putlog holes at 1.48 above foundation (1.70 above street). Two putlog holes at 2.82 above foundation (3.04 above street).

Doorway to alley 11. Travertine threshold, consisting of three blocks; surface at h. 0.43 from street (0.31 above foundation). H. of blocks 0.30, d. 0.49, l. 0.20 (north), 0.73 (middle) and 0.50 (south). Two pivot holes, diam. 0.06 (north) and 0.07 (south). One rectangular hole in middle, w. 0.11, d. 0.04. The plan in Vaglieri 1914 shows a blocking, not attested.

b L. 1.04-0.75-6.44. Rectangular travertine block at south east corner on floor: l. 0.26, d. 0.59, h. 0.86; projecting 0.05 from outer south wall.

c Blocked doorway to room 10 with straight arch of sesquipedales forming sill of window above (w. c. 0.70, h. 0.59). Window covered by segmental arch, almost entirely or entirely restored (l. 1.54). Blocking of doorway in latericium with some incertum in lower part. Threshold probably represented by bonding course above foundation at h. 0.15 above street. H. to top of doorway 2.70 from foundation, 2.85 from street. A window was created in the blocking, just beneath the lintel, w. 1.12, h. 0.47. Hole through wall at threshold level: w. 0.16, h. 0.23.

The mortar used in the incertum is very tenacious, grey to dark-grey, containing many large particles, such as black and dark-brown pozzolana, some limestone, large lime-granules and heterogeneous material. My own meas.: bricks l. 0.198-0.275, av. 0.231; bricks w. 0.027-0.031, av. 0.029; mortar w. 0.022-0.031, av. 0.026. Modulus: 0.288-0.295, av. 0.292. In the brickwork in the upper part of the blocking the mortar is less tenacious and of worse quality, although of the same general character. The colour is somewhat lighter, sand-coloured to grey. Description by Heres, meas. at 1.40: bricks l. 0.171-0.251, av. 0.208; bricks w. 0.031-0.035, av. 0.033; mortar w. 0.030-0.034, av. 0.032. Modulus: 0.288-0.305, av. 0.295. Irregular brickwork. Different bricks from yellow to mulberry-red. Mortar not very tenacious, grey in colour with some chestnut-brownish powder. Contains many black and few red pozzolana and much heterogeneous material, up to 0.04 in size, including marble.

Doorway to stairway 9A, w. 1.45. Covered by straight arch of sesquipedales forming sill of window above. Top of doorway at 2.33 above threshold, at 2.77 above street. Travertine threshold in four pieces at 0.44 above street: l. 1.85 (two pieces, 1.23 and 0.64), d. 0.92 (two pieces, 0.58 and 0.34), h. 0.31; ridges round the four pieces, in front h. 0.08, d. 0.11; at the back h. 0.04, d. 0.07; at the sides h. 0.04. Two pivot holes, diam. 0.07. The threshold is very worn in the middle.

Window above doorway, w. c. 1.15. Covered by segmental arch of sesquipedales. Almost entirely

restored. Two windows, opening onto rooms 7 and 8 (sills at h. 1.71 (north) and 1.70 (south) above street, 1.53 and 1.54 above foundation). Two holes for water-supply or drainage to basin in room 7, at h. 0.95 above street.

Doorway to room 6. Originally a window, but enlarged to form an entrance. Wall continues underneath threshold. Travertine threshold: l. 1.20, d. 0.65, h. 0.28; upper surface at 0.71 above street, 0.42 above foundation. Two pivot holes, at north and south side, diam. 0.07 and 0.08, round hole in middle, diam. 0.04, d. 0.02; ridge, h. 0.04, d. 0.07; hole on front of threshold at northern half: l. c. 0.20, h. c. 0.10, possibly for drainage.

Sill of original window at 1.77 above street, 1.51 above foundation, 1.14 above threshold. Triangular hole in north doorjamb, just above level of original window-sill, h. 0.43, w. at base 0.20, d. 0.10. A possible corresponding hole in the south doorjamb is very worn. Of the original window-lintel three sesquipedales have been preserved, at h. 1.70 above the original window-sill.

c L. 2.62. Sequel to section b with same characteristics. The mortar contains a little more brownish pozzolana, and a little more lime-granules.

d L. 2.64. Doorway to room 5, filled in with latericium, h. 1.00 from foundation, 1.26 from street. One drainage hole: 1.30 - 1.63 from north; w. 0.36, h. 0.30 from street. Meas.: bricks l. 0.146-0.173, av. 0.160; bricks w. 0.03-0.035, av. 0.033; mortar w. 0.017-0.022, av. 0.02. Modulus: 0.279-0.29, av. 0.285. Hard to very hard whitish mortar with red pozzolana and some black, sometimes mixed turning the mortar-colour into purple.

e L. 14.92. Typical Hadrianic salmon red bricks, with yellow bonding courses, the lower one forming the top of the foundation. Very hard greyish mortar with dark-red, black and much grey pozzolana. Quite a few lime-residues and much heterogeneous material. Two windows above the second bonding course: sills at 2.07 (north, opening onto room 3) and 1.94 (south, opening onto room 4) above street, both at 1.54 from foundation. The northern one partly filled in (entirely modern restoration of the sixties).

f L. 11.70. Separated from e by irregular joint. To large extent modern restoration (1911/1912). Partly authentic, at 0.26 to 0.86 from north-east corner, h. 0.55. Meas. at 0.40: brick l. 0.098-0.231, av. 0.179; brick w. 0.029-0.032, av. 0.03; mortar w. 0.016-0.025, av. 0.02. Modulus: 0.239-0.25, av. 0.243. Same mortar as described in east part of outer north wall. The rest is modern.

Street (Via della Fontana). W. c. 4.50. Pavement of basalt blocks.

OUTER SOUTH WALL (ROOMS 10 AND 12). L. 15.72, th. 0.75.

a L. 5.28-0.97-2.82-1.76. H. 3.84 to projecting brick cornice. Cornice consisting of four courses of bricks, each projecting a few cm. from the one below. The

projecting edges of the second and upper brick course have been cut obliquely. Traces of red paint, also on bricks below the cornice. Immediately above the cornice a horizontal groove. Ten putlog holes along the wall at 2.56 above foundation (nine in section b, one in section a). Traces of plaster. Sometimes thick, over 0.03.

a L. 5.28.

Meas. at 0.40: bricks l. 0.215-0.24, av. 0.228; bricks w. 0.038-0.040, av. 0.039; mortar w. 0.013-0.02, av. 0.017. Modulus: 0.255-0.258, av. 0.257. Meas. at 0.90: bricks l. 0.215-0.244, av. 0.227; bricks w. 0.032-0.039, av. 0.035; mortar w. 0.012-0.022, av. 0.017. Modulus: 0.253-0.261, av. 0.257. Meas. at 1.40: bricks l. 0.194-0.235, av. 0.216; bricks w. 0.029-0.036, av. 0.032; mortar w. 0.015-0.024, av. 0.020. Modulus: 0.231-0.253, av. 0.243. The mortar is very tenacious, whitish in colour, containing much very small and a some larger red, black and brown pozzolana. Some large lime-granules.

Four holes at 1.92 above foundation (largest c. 0.14x0.15), but probably not deep enough for use as putlog holes. Two small holes at 1.68 above foundation. Rectangular travertine block at south west corner: l. 0.23 (along outer south wall), d. 0.62 (along outer west wall), h. 0.92.

Doorway to room 12. L. 1.76, h. 2.79 above foundation, 2.65 above street. Covered by segmental arch of sesquipedales. Rectangular hole in east doorjamb at h. 2.19; h. 0.32, w. 0.13, d. 0.58.

b L. 8.67. Meas. at 0.40: bricks l. 0.189-0.282, av. 0.232; bricks w. 0.033-0.037, av. 0.035; mortar w. 0.015-0.021, av. 0.019. Modulus: 0.255-0.258, av. 0.256. Meas. at 0.90: bricks l. 0.218-0.247, av. 0.230; bricks w. 0.029-0.034, av. 0.031; mortar w. 0.017-0.023, av. 0.02. Modulus: 0.24-0.25, av. 0.247. The mortar is very tenacious, light-grey to somewhat darker, containing red (possibly ground pottery), black and brown pozzolana, and some lime-granules.

Two doorways to room 10: w. 1.78, h. 2.78 above foundation, 2.47 above street, cut through wall, and w. 1.34, h. 2.39 above foundation, 2.15 above street, covered by segmental arch of sesquipedales. Large irregular hole, crudely cut into the wall, between the doorways at 1.82 above foundation, 1.47 above floor; l. 0.37, h. 0.47. Above this hole an upright oblong hole in wall, possibly in connection with a cut-through in the cornice above.

OUTER WEST WALL L. 49.27 to north-west corner of the Insula del Soffitto Dipinto (l. of outer wall of Cas. delle Fornaci 44.88). Th. of south part 0.85.

a L. 0.98.

Doorway to stairway. Present w. 2.20. Both jambs missing. Cut out in outer wall, starting at 0.50 below foundation, 0.54 from street. One more or less preserved step at foundation-level, consisting of a bipedalis. In front of stairway a hump of caementicium, probably meant to scale the difference in height between street and stairway-threshold.

Preserved up to h. 0.32 from street, 0.22 below level of supposed stairway-threshold.

Doorway ? to room 16. No wall attested above foundation-level. W. to section b 4.15. Modern restoration and consolidation, up to foundation-level. H. 1.01 from street-level to foundation-level. The plan in Vaglieri 1914 does not show a doorway.

b L. 3.18. North part damaged and modern.

Doorway to room 15. Present w. 2.73. South jamb missing. Modern restoration and consolidation, up to foundation-level. H. 0.94 from street-level up to threshold level. The plan in Vaglieri 1914 shows a partial blocking, not attested.

c L. 2.59.

Doorway to room 15. Present w. 2.84. North jamb missing. Modern restoration and consolidation, up to foundation-level. H. 0.87 from street-level up to threshold level.

d L. 2.85.

Doorway to room 14. W. 2.68. Modern restoration and consolidation, up to foundation-level. H. 0.70 from street-level up to threshold level. The plan in Vaglieri 1914 shows a partial blocking, not attested.

e L. 2.87.

Doorway to room 14. W. 2.64. Modern restoration and consolidation, up to foundation-level. H. 0.63 from street-level up to threshold level.

f L. 7.31. The mortar is very tenacious, whitish to yellow-whitish in colour, containing much brown and black, and less red pozzolana. Some lime-granules. The bricks are salmon-pink and seem have been made rough along the edges.

g L. 1.48. Blocked doorway to room 13. Mortar more or less the same as in wall, even less red and much brown pozzolana. Threshold-level is foundation-level (at h. 0.40 above street). The blocking is antique up to 0.86 above foundation, the rest is restored (to h. 1.32; 1.72 from street). No clear dividing-line in the mortar used in this section and sections f and h.

h L. 10.72. The antique parts of the upper wall are separated from the foundation by a modern restoration, h. c. 0.65 (apparently only up to the window). The mortar is the same as in section f and blocked doorway g. The bricks are salmon-pink and seem to have been made rough along the edges. One window (6.59-7.92 from south); sill at 1.38 above foundation.

Doorway to alley 11, w. 1.85. Travertine threshold of two sections, each section of two superimposed blocks. Surface at 0.60 from street, 0.32 above foundation. Sections l. 1.47 (south) and 0.38 (north), d. 0.64, h. 0.28 (0.12 lower plate; 0.16 upper plate). The south section has a groove running parallel to the length, w. 0.03, at 0.10 from west. Two pivot holes: north one circular, diam. 0.06; south one elliptic (long side running east-west), 0.06x0.08, at 0.26 from south jamb.

i L. 2.54. Narrowing of roofed alley 11. Set against Insula del Soffitto Dipinto (II, VI, 6) to the south.

Street (Via delle Corporazioni). W. c. 7.10. Pavement

of basalt blocks, except for a strip along the outer west wall, w. c. 1.00 to 1.50.

2B Rooms 1-17

ROOM 1

A. 7.01 x 7.58 x 7.01 x 7.67.

B. North, a L. 7.01. Entirely covered with remains of ovens. In the top of the crumbled wall a drainage hole is visible, situated at 1.86 from west wall and 0.40 from outer north wall. (0.16 (west-east) x 0.18 (north-south)).

Pier in north-east angle, relation with a not clear. W. 0.73, th. 0.60. Meas.: bricks l. 0.169-0.206, av. 0.190; bricks w. 0.035-0.038, av. 0.036; mortar w. 0.019-0.026, av. 0.022. Modulus: 0.281-0.295, av. 0.289. Yellow to light-pink bricks. Very tenacious, whitish mortar. Brown and black to dark-grey pozzolana and small lime-granules. Towards wall-nucleus the mortar is darker and contains larger particles.

East, a L. 6.27. Latericium. Entirely modern.

Pier in south-east corner. W. 0.85, th. 0.71. For greater part restoration. Meas.: bricks l. 0.205-0.215, av. 0.210; bricks w. 0.030-0.035, av. 0.033; mortar w. 0.022-0.031, av. 0.027. Modulus: 0.325. Very tenacious, grey mortar. Brown and dark-grey pozzolana. Small lime-granules. One red bipedalis at h. c. 1.50. The rest of the bricks is predominantly yellow.

South, a L. 0.50.

Doorway to room 2. W. 1.52. Narrowed by pier in north-east corner of room 2.

b L. 1.52. Wall receding at foundation, d. 0.05, h. 0.35 from floor. The mortar is very hard, grey in colour, with black, red and less brown pozzolana and little lime-granules.

Doorway to room 2. W. 1.48. Cut through wall.

c L. 1.84. Wall receding at foundation, d. 0.06, h. 0.28 from floor. The mortar is somewhat darker in colour than the former, some more red pozzolana and the lime-granules are more conspicuous.

Pier set against c. W. 0.78, th. 0.88. Modern.

West, a L. 0.35.

b L. 0.94.

c L. 1.09. Vertical groove, 0.55 to 0.70 from b: w. 0.15, d. 0.10.

d L. 2.72.

e L. 1.47.

f L. 1.17.

C. Floors of furnaces reported as tiles laid on sand, with a space underneath the west furnace.

D. No data available.

E. The *Giornale degli Scavi* (1912, 241, August 31) describes the finds made in this room as follows: "Two furnaces, built with parallelopedic blocks of greenish tufa, with pavements of brick resting on sand. The pavement of the west furnace had fallen down demonstrating that a void had been down there. The mouths of the furnaces faced south and in front of them run two parallel thin walls, built of brick, w.

0.22, 0.31 apart from each other. The furnaces were covered with remains of construction material that showed traces of burning." Meas. of ovens: 3.25x3.80 and 3.25x3.50. Floor of sesquipedales, one with stamp CIL XV, 847.

Nowadays the remains of the ovens start at 1.93 to the north of the pier in the south-west corner of the room. An upright brick in front of the right oven, probably part of the thin wall in front of the ovens, is situated at 1.18 to the west of the east wall. The current state of preservation is bad, owing to vegetation and the relative softness of the tufa blocks.

ROOM 2

A. 6.85 x 5.00 x 7.12 x 5.02.

B. North, a L. 1.68. Wall receding at foundation, d. 0.07.

Pier set against a in north-west corner of room. Latericium on a foundation of caementicium; foundation projecting, forming a plinth. W. 0.92, th. 0.61. Meas.: bricks l. 0.198-0.239, av. 0.219; bricks w. 0.030-3.4, av. 0.032; mortar w. 0.019-0.025, av. 0.023. Modulus: 0.265-0.271, av. 0.267. The bricks are light-salmon-pink and yellow. The mortar is light-grey to whitish, very hard, containing grey and brown pozzolana and some lime-granules.

Doorway to room 1.

b L. 1.50. Wall receding at foundation, d. 0.07.

Doorway to room 1.

c L. 0.50.

Pier enveloping c. W. 0.91, th. 1.30. Nearby a travertine block. Meas.: bricks l. 0.218-0.345, av. 0.263; bricks w. 0.036-0.04, av. 0.038; mortar w. 0.019-0.032, av. 0.026. Modulus: 0.33 and 0.331. The mortar is whitish and contains grey and brown pozzolana.

East, a L. 5.00. Entirely modern. Wall receding at foundation, d. 0.30. A window in older descriptions and plans is missing, presumably due to the rebuilding in modern times.

Pier set against a in south-east corner. W. 0.44, th. 0.75. Entirely modern daubing and heavily grown-over. The original facings are missing.

South, a L. 0.64. Wall receding at foundation, d. 0.07.

Doorway to room 3, cut through. W. 1.70.

b L. 0.32. Wall receding at foundation, d. 0.07. The mortar is grey to dark-grey, very hard and containing black, grey, brown and red pozzolana, sometimes quite large. The lime-granules are very small.

c L. 1.80. Vittatum mixtum. Blocked doorway to room 3. Meas.: tufelli l. 0.175-0.258, av. 0.204, tufelli w. 0.065-0.073, av. 0.069; bricks l. 0.18-0.277, av. 0.244; bricks w. 0.028-0.037, av. 0.033; mortar w. 0.02-0.028, av. 0.024. Modulus (1+1): 0.135-0.149, av. 0.142. The mortar is grey to dark-grey, containing black, dark-grey, brown, rust-coloured and some yellowish pozzolana, sometimes quite large, and small lime-granules and heterogeneous material, such as marble. The mortar-joints are daubed. Wall receding at foundation.

d L. 2.67. Wall receding at foundation, d. 0.07.

Pier set against d in south-west corner of room. W. 0.90, th. 0.61. Entirely modern.

West, a L. 1.51. Wall receding at foundation, d. 0.15.

Doorway to room 14. W. 2.02.

b L. 1.48. Wall receding at foundation, d. 0.15.

C. No data available.

D. No data available.

E. The material found in this room was reported to be much different from the material found in room 1, which was construction material. Among the finds was a piece of pavement with black-and-white mosaic, with crude tesserae, forming a geometrical pattern, from one of the upper floors. Besides this the following material was collected:

6123 Ordinary reddish terracotta. Five fragments of tiles with stamp CIL XV, 1057 (137 AD).

6124 Idem. Fragment of tile with stamp CIL XV, 692 (123 AD).

6125 Fragment of tile with moon-shaped stamp *N..LUCAPRILIS ATTILIANO*.

6126 Idem. Two fragments of roof-tiles with stamp CIL XV, 1435 (129 AD).

6127 Idem. Fragment of tile with stamp CIL XV, 1436 (130 AD).

6128 Idem. Two fragments of sesquipedales with stamp *MU[...JISCI OPUS DOLIARE* (CIL XV, 1367 ?).

6129 Bronze. Two large coins.

ROOM 3

A. 7.14 x 4.91 x 7.22 x 4.88.

B. North, a L. 2.68. Wall receding at foundation, d. 0.07.

Pier set against a in north-west corner of room. W. 0.94, th. 0.60. Entirely modern.

b L. 1.80. Vittatum mixtum. Blocked doorway to room 2. A basalt block is incorporated at the foot of the wall.

c L. 0.32. Wall receding at foundation, d. 0.07.

Doorway to room 2.

d L. 0.64. Wall receding at foundation, d. 0.07.

East, a L. 4.91. No plinth visible because of pavement of basalt blocks. Partially blocked window at 1.73-2.21 from north, w. 1.48. Sill of bipedales that are part of bonding course. No lintel preserved.

Pier set against a in south-east corner of room. W. 0.62, th. 0.96. Entirely modern.

South, a L. 2.63. Wall receding at foundation, d. 0.07. The mortar is grey to dark-grey, containing black, brown and rust-coloured pozzolana and some lime-granules.

b L. 1.45. Part of blocked doorway, cut off at west end. At east jamb springing of slightly curved lintel arch, made of sesquipedales. Meas.: bricks l. 0.145-0.265, av. 0.217; bricks w. 0.029-0.035, av. 0.031; mortar w. 0.013-0.023, av. 0.018. Modulus: 0.245-0.254, av. 0.248. The mortar is light-grey, with black, brown and rust-coloured pozzolana and very small lime-granules.

Doorway to room 4, cut through. W. 1.85.

c L. 1.16. Wall receding at foundation, d. 0.07. Two holes at 1.18 above floor.

Pier set against c in south-west corner of room. W. 0.92, th. 0.64. The bricks are salmon-pink. The mortar is very hard, greyish, containing grey, brown, some yellowish-brown and some red or rust-coloured pozzolana.

West, a L. 1.53. Wall receding at foundation, d. 0.15. Two holes at 1.18 above floor.

Doorway to room 13. W. 1.92. A hole in south doorjamb at 0.89 above foundation.

b L. 1.43.

C. Pavement of basalt blocks.

D. No data available.

E. In this room a kneading-machine was found, that is still there near the south wall. Although damaged, all parts lie around the main fragment and can be fitted into it, although the present state of vegetation prevents this. In GdS 1913, 70 and NSc 1913, 126, n. 1 it was reported as an olive-press. H. 0.72, th. of bottom 0.34. Diam. 0.75, w. of rim 0.16. The hole in the bottom in which a wooden bar was fitted has a diameter of 0.22. The holes in the sides could not be traced. In the north-west corner of this room a *dolium* was found, dug into the floor and still in situ: diam. 0.98, w. of rim 0.05 (GdS 1913, 70 and NSc 1913, 126).

ROOM 4

A. 7.06 x 4.89 x 7.22 x 4.88.

B. North, a L. 1.15. Wall receding at foundation, d. 0.07. Filled-in hole at 1.15 from floor.

Pier set against a in north-west corner of room. W. 0.73, th. 0.57. The mortar is grey, containing black and brown and some rust-coloured pozzolana; small lime-granules.

Doorway to room 3.

b L. 1.55. Blocked doorway.

Pier set against b. W. 1.33, th. 0.60. Projecting 0.13 from doorjamb. Regular, trapezium-shaped hole in middle of south facing at 2.09 above floor. W. 0.26, h. 0.30. Meas.: bricks l. 0.19-0.212, av. 0.20; bricks w. 0.032-0.039, av. 0.035; mortar w. 0.016-0.02, av. 0.018. Modulus: 0.259-0.264, av. 0.262. The mortar is generally the same as in the former pier, but contains also some yellowish pozzolana and some marble-like little stones.

c L. 2.60. Wall receding at foundation, d. 0.07. Regular hole at 2.08 above floor. W. 0.25, h. 0.27.

Pier set against c in north-east corner of room. W. 0.76, th. 0.61. The joint between the pier and the outer east wall widens upwards, possibly a subsidence of the outer wall. The gap was filled with cement in modern times. The mortar is the same as in the former pier.

East, a L. 4.90. Window at 1.12 to 2.60 from pier to the north, w. 1.48. Sill of bipedales of bonding course. Seven holes at 0.95 above floor.

Pier set against a in south-east corner of room. W.

0.59, th. 0.73. Start of arch towards west at 2.35 above floor. The mortar is generally the same as in the former pier, but somewhat darker.

South, a L. 2.58. Wall receding at foundation, d. 0.07. Regular hole at 2.05 above floor. W. 0.24, h 0.26. Two filled-in holes at h. c. 2.50.

b L. 1.62. Blocked doorway. Plinth of a continues, probably former threshold. Covered by segmental arch, filled in to get straight lintel. The mortar is light-greyish with much dark-grey and black pozzolana. Meas. by Heres: mortar w. av. c. 0.02. Modulus: av. c. 0.26. Description: all bricks are thick and dark- to mulberry-red.

Pier set against b. W. 1.33, th. 0.60. Start of two arches towards east and west at 2.34 above floor. One large hole (possibly niche) in north facing at 1.99 above floor. W. 0.23, h. 0.28. Hole at c. 0.95 above floor. Hole in west side at 0.70 above floor. Meas.: bricks l. 0.199-0.24, av. 0.216; bricks w. 0.03-0.035, av. 0.033; mortar w. 0.011-0.024, av. 0.017. Modulus: 0.23-0.245, av. 0.24. The mortar is light- to dark-grey, containing much dark-grey and less brown pozzolana.

Doorway to room 5. W. 1.76. Cut through wall. One very eroded hole in east doorjamb at 0.72 above floor.

c L. 1.09. Wall receding at foundation, d. 0.07.

Pier set against c in south-west corner of room. W. 0.76, th. 0.59. Start of arch towards east. One hole in east side at 0.69 above floor, possibly corresponding with hole in last pier. The mortar is the same as in the piers against the north wall of room 4.

West, a L. 1.46. Wall receding at foundation, d. 0.15.

Doorway to room 13. W. 2.04. One hole in south doorjamb at 1.16 above foundation.

b L. 1.47. Wall receding at foundation, d. 0.15. One hole, filled-in in antiquity, at 1.70 above foundation. One hole, filled-in in recently, at 0.91 above foundation.

C. Pavement of basalt blocks.

D. No data available for the original ceiling. The added piers support the springings of full arches running east-west. The piers are c. 1.85 apart, implying a reconstructed height of 2.35 (starting-height of arches) + 0.93 (radius of arch) + 0.44 (height of sesquipedales) = 3.72 for the reinforced ceiling.

E. No data available.

ROOM 5

A. 7.08 x 4.90 x 7.02 x 4.87.

B. North, a L. 1.10. Wall receding at foundation, d. 0.07. Hole at 0.20 from north-west corner, at 1.20 from floor; w. 0.09, h. 0.11, d. 0.07.

Doorway to room 4.

b L. 1.59. Blocked doorway. Hole at 1.08 above floor.

Pier set against b. W. 1.34, th. 0.59. Up to h. c. 1.00 the bricks are predominantly salmon-pink, above that yellow. The mortar is grey to dark-grey, containing

dark-grey, black and brown pozzolana and very many small lime-granules. At floor-level two travertine blocks are incorporated in the south-west and south-east corner. South-west block: w. 0.56, h. 0.42, d. 0.22. South-east block: h. 0.42, w. and d. not measurable. Beginnings of arches towards west and east at 2.38 above foundation.

c L. 2.63. Two holes at 1.08 above floor, same height as the one in section b. Three holes at 2.43 above floor, filled in in antiquity.

Pier set against c in north-east corner of room. W. 0.77, th. 0.60. The same mortar as in the former pier. Here too the switch from salmon-pink to yellow at h. c. 1.00. Large hole in south facing at 1.90 above floor, 0.35 from south-west corner of pier. H. 0.24, w. 0.18. Very thin white plaster on south facing with a network of diagonal lines in red paint. A lot of nail-holes in the same facing. Beginning of arch towards west at 2.38 above foundation.

East, a L. 1.11.

b L. 2.63. Blocked doorway upon Via della Fontana. One drainage hole, with a terracotta pipe at floor-level, 1.47 from north; diam. 0.12.

c L. 1.16. One hole at 2.46 above foundation. H. 0.12, w. 0.13.

Pier set against c in south-east corner of room. W. 0.69, th. 0.77. Same mortar as used in former pier (here no switch in brick-colour). A minor antique restoration in the north side, l. 0.20, h. 0.30. The mortar is grey, containing black, brown and rust-coloured pozzolana and many small lime-granules. Hole in north side at 1.82 from foundation. H. 0.28, w. 0.20. Possibly eroded niche. Beginning of arch towards west at 2.39 above foundation.

South, a L. 7.01. Wall receding at h. 1.54 from foundation-level, d. 0.07. Seven holes at 2.55 above foundation. Hole at 1.28 above foundation, piercing the wall to room 6. Hole at 1.18 above foundation. Regular hole at 2.24 above foundation; h. 0.42, w. 0.28, d. 0.37.

Pier set against a in middle of wall, 2.87 to 4.20 from east; w. 1.33, th. 0.67. Meas.: bricks l. 0.172-0.239, av. 0.21; bricks w. 0.030-0.035, av. 0.032; mortar w. 0.015-0.019, av. 0.017. Modulus: 0.235-0.247, av. 0.241. Modulus measured by Heres in piers: 0.24-0.275, av. 0.258. Mortar is the same as used in the former pier. Rectangular hole in north side at h. 2.11. H. 0.18, w. 0.22. Travertine block at north-east corner at foundation-level. Visible h. 0.60. Travertine block at north-west corner at foundation-level. H. 0.61, w. 0.42, d. 0.32. Beginning of arches towards east and west at h. 2.39.

Pier set against a in south-west corner of room. W. 0.74, th. 0.69. More or less the same mortar as in the former pier, but containing more blue-grey particles. Travertine block at north-east corner at foundation-level. H. 0.62, w. 0.15, d. 0.55. Beginning of arch towards east at 2.39 above foundation.

West, a L. 1.47. Wall receding at foundation, d. 0.15. Hole at 1.23 above foundation. H. 0.13, w. 0.08.

b L. 2.04. Blocked doorway. Meas. (combination of my own measurements and those of Heres): bricks l. 0.131-0.245, av. 0.186; bricks w. 0.03-0.035, av. 0.033; mortar w. 0.022-0.037, av. 0.029. Modulus: 0.308-0.397, av. 0.331. The mortar is light- to dark-grey, with black, brown, red and rust-coloured pozzolana; lime-granules. Heres: Hadrianic bricks or very similar. The blocking protrudes a little in damaged or cut away doorjambs.

c L. 1.36. Hole at 1.17 above foundation. H. 0.13, w. 0.18. Hole at h. 0.57 above foundation in the form of an hour-glass. H. 0.28, max. w. 0.14.

C. No data available.

D. Same as room 4.

E. Basin, covering east part of floor. North wall of basin, west part, meas.: bricks l. 0.112-0.194, av. 0.159; bricks w. 0.025-0.035, av. 0.03; mortar w. 0.021-0.028, av. 0.025. Modulus: 0.329 and 0.33. Light- to pale-grey mortar with black and brown pozzolana. Quite a coarse appearance. North wall of basin, east part, meas.: bricks l. 0.178-0.25, av. 0.211; bricks w. 0.031-0.04, av. 0.036; Mortar w. 0.025-0.027, av. 0.026. Modulus: 0.343 and 0.405. West wall of basin, meas.: bricks l. 0.161-0.215, av. 0.182; bricks w. 0.03-0.035, av. 0.033; mortar w. 0.025-0.029, av. 0.027. Modulus: 0.365 and 0.371. Modulus measured by Heres: c. 0.31. All bricks were reused.

ROOM 6

A. 6.94 x 3.00 x 6.93 x 2.99.

B. North, a L. 6.85. H. up to restored cornice 3.87 from foundation, 4.09 from floor. Wall receding at 1.54 above foundation (1.76 above floor), d. 0.07. Five holes at c. 1.18 above foundation (c. 1.40 above floor). Ten holes at 2.61 above foundation, 2.83 above floor. Remains of plaster (th. c. 0.04). At the foot of the wall a number of diagonal to vertical incised grooves, sloping from west upwards towards east, up to a h. of 0.88 above foundation, 1.04 above floor.

Pier set against a in north-west corner of room. W. 0.60, th. 0.59. Projecting 0.06 from doorjamb. Hole in south-east angle, at 1.04 above foundation, 1.37 above floor. H. 0.08, l. 0.12, d. 0.13. Travertine block in lower south-east corner: h. 0.53, l. 0.30, d. 0.20. Traces of plaster at east and south side. Modern restoration in lower south-east angle (just above travertine block). Restoration on top. Since the pier was set against two walls (see for the west wall further on) with plinths, two vacant spaces appeared: the one in the north wall was filled as part of the pier itself, the one in the west was filled in later. Meas. by Heres, concerning all piers: modulus 0.268-0.288, av. 0.279 [probably taken from south piers]. Very wide bricks, rounded at the corners of the piers. The mortar varies: generally grey with red and black pozzolana, varying in size from small to quite large; occasionally heterogeneous material, including marble. All seems from the second century. My own description of this pier: very hard mortar, light- to dark-grey, containing

black and brown pozzolana, mostly small but occasionally quite large.

Pier set against a in middle of wall, 2.72 to 4.04 from west; w. 1.32, th. 0.60. Travertine blocks in south-west and south-east angles. South-west: h. 0.70, l. 0.36, d. 0.31. South-east: h. 0.69, l. 0.35, d. 0.36. Traces of plaster at west, south and north sides. Modern restoration in south facing, central lower part, and at the south-west and south-east angles somewhat higher. Meas.: bricks l. 0.171-0.235, av. 0.205; bricks w. 0.03-0.035, av. 0.032; mortar w. 0.016-0.025, av. 0.019. Modulus: 0.242-0.267, av. 0.251. Same mortar as in the former pier.

Pier set against a in north-east corner of room. W. 0.72, th. 0.60. Travertine block at south-west angle; h. 0.50, l. 0.42, d. 0.30. Traces of plaster at west and south sides. Considerable amount of modern restoration. The vacant spaces created by the plinths were filled up as part of the pier. Same mortar as in the former pier.

East, a L. 0.92. Wall receding at 1.54 from foundation, 1.77 from floor, d. 0.30. Traces of plaster above plinth. Modern restoration below foundation, in the joint between wall and adjoining pier and in the upper part of wall.

Doorway onto Via della Fontana. W. 1.17. Cut through at place of original window. Threshold of travertine. Modern restoration below threshold.

b L. 0.93. Wall receding at 1.54 from foundation, d. 0.30. Traces of plaster.

Pier set against b in south-east corner of room. W. 0.60, th. 0.75. Two travertine blocks on top of each other in lower north-east angle. Lower block: h. 0.15, l. 0.40, d. 0.30. Upper block: h. 0.27, l. 0.40, d. 0.21. Traces of plaster at north and west side. Modern restoration beneath travertine blocks, in joints with adjoining walls and in upper part of wall. More or less the same mortar as in the former pier but less well-sifted and the brown pozzolana tends more to a rust-colour.

South, a L. 1.15. Wall receding at 1.54 from foundation, d. 0.07. H. up to cornice (of same type as in outer south wall), 3.92 above foundation. Hole just east of doorway-lintel at 2.60 above foundation. Traces of plaster. Modern restoration in upper part of wall.

Doorway to room 7. W. 1.48. Lintel of straight arch of sesquipedales and shorter bricks. Top of doorway at h. 2.30. Traces of plaster on both doorjambs.

b L. 4.23. Wall receding at 1.52 above foundation, 1.84 above floor, d. 0.07. Two holes at 1.17 above foundation, 1.47 above floor. One hole at 2.41 above foundation, 2.73 above floor. Six holes at 2.55 above foundation, 2.87 above floor. Remains of plaster covering part of the plinth. Modern restoration beneath the foundation-level.

Pier set against b in middle of wall, 2.84 to 4.17 from east; w. 1.33, th. 0.62. Travertine blocks at the lower north-east and north-west angles. North-east: h. 0.59, l. 0.47, d. 0.24. North-west: h. 0.59, l. 0.47, d. 0.23.

Traces of plaster at east, north and west facings. Modern restoration beneath the travertine blocks, at the joint between pier and wall, and in the upper part of the pier. Same mortar as in the former pier.

Pier set against a in south-west corner of room. W. 0.57, th. 0.60. Projecting 0.07 from doorjamb. Travertine block at lower north-east angle; h. 0.27, l. 0.29, d. 0.47. Like its counterpart in the north, the space created by the pier set against the plinth was filled in later. The lower part of the facings (up to 0.49 above foundation, 0.75 above floor) is considerably worse in quality. Same mortar as in the former pier. Modern restoration in the lower part of the facings, the joint of pier and wall, and in the upper part of the pier. The corners of all piers in this room have been rounded.

West, a L. 0.53. Wall receding at 1.54 from foundation, d. 0.15.

Doorway to room 14. W. 1.96. Two corresponding holes in the doorjambs, 0.37 beneath the plinth (1.48 above floor-level in the south, 1.59 in the north). Traces of plaster on both doorjambs. Beneath the foundation-levels in both doorjambs the core of the wall is visible.

b L. 0.53. Wall receding at 1.54 from foundation, d. 0.15.

C. No data available.

D. Modern restoration in upper part of wall, consolidation with reconstruction of ceiling-support in caementicium.

E. No data available.

ROOM 7

A. 6.96 x 2.47 x 6.89 x 2.50.

B. North, a L. 4.22. Wall receding at 1.54 above foundation, 1.45 above floor, d. 0.07. Two rows of six putlog holes, one at 1.19 above floor, the other at 2.56 above floor. Traces of plaster.

Doorway to room 6.

b L. 1.19. Wall receding at h. 1.54 above foundation-level, d. 0.07. One hole just east of doorway at 2.37 above foundation. Modern restorations in the west part of this section. Traces of plaster.

East, a L. 2.47. Wall receding at 1.54 above foundation, d. 0.30. Window, 0.64 to 1.81 from north; w. 1.17, h. 1.70. Sill of brick fragments. Covered by segmental arch of sesquipedales. Below two drainage holes of basin, 0.33 - 0.71 and 1.20 - 1.43 from north-east corner; h. 0.63 - 0.98 and 0.57 - 0.94 above foundation. Two holes, one at each side of window, at 0.96 above plinth. Traces of plaster.

South, a L. 6.89.

Doorway to room 8, 0.59 to 2.08 from east; w. 1.49, h. 2.31 above foundation-level. Covered by segmental arch of courses of sesquipedalis-length, with some sesquipedales but for the greater part of smaller bricks. In the east doorjamb two pieces of tufa in the brickwork. One row of seven putlog holes at 1.06 above floor, three of which are blocked. In upper part of wall a row of six putlog holes. Two holes above

the springing of the doorway arch.

West, a L. 2.49.

Doorway to room 13, 0.37 to 1.83 from south; w. 1.46, h. 1.95 above the floor of room 7. Cut out through wall. Straight lintel. Traces of plaster on both jambs. Above the doorway is a window to room 13, stretching along the whole of the west wall, but this is an entirely modern restoration. Wall receding at 1.54 from foundation, d. 0.30. Traces of plaster.

C. Present h. at 0.09 above foundation-level. In GdS 1913 and NSc 1913 reported as being paved with basalt blocks. Not attested because of layer of modern debris.

D. The ceiling is barrel-vaulted with its peak at h. 4.22 above floor-level. To large extent modern restoration.

E. Against the east wall, beneath the window, scarce remains of a basin, originally consisting of thin wall at 0.89 from east wall (w. 0.18) covered with opus signinum (th. 0.04). Connection with outdoors by two holes through outer east wall. Basin attested up to 0.98 from north wall. Brick bottom, h. 0.11, covered with opus signinum, th. 0.05. Traces of signinum against north and east wall, th. 0.02.

ROOM 8 (understairs)

A. 6.86 x 1.18 x 6.86 x 1.18.

B. North, a L. 6.87. Wall receding at foundation at 0.42 above floor, d. 0.09. Row of three putlog holes at 1.20 above foundation. Relieving arch beneath foundation-level, visible l. c. 2.00, disappearing below floor-level. Traces of plaster.

Doorway to room 7, 4.79 to 6.28 from west; w. 1.49, h. 2.31 above foundation.

East, a L. 1.18. Wall receding at 1.54 above foundation, 1.83 above floor, d. 0.30, but cut out underneath window to a depth of 0.55. Window 0.15 to 1.03 from north; w. 0.88, h. 1.48. Covered by a straight arch of sesquipedales. Traces of plaster.

South, a L. 6.86. Hole for vertical drainage pipe 0.61 to 0.91 from east; w. 0.30, d. 0.30. Irregular hole cut through wall to room 9, 2.27 to 3.08 from east; w. 0.88, h. 0.87. One row of three putlog holes at 1.19 above foundation. Traces of plaster.

West, a L. 1.18. Back wall of stairway. H. up to vault-top 0.50 above floor. Up to foundation latericium, above foundation caementicium with large pieces of tufa.

C. The floor was lowered 0.29 - 0.42, to present level.

D. Sloping barrel-vaulted ceiling, of caementicium without facing, with large pieces of tufa. H. of vault from 0.12 above foundation in west (to top of vault: 0.50) to 3.49 above foundation in east.

E. No data available.

STAIRCASE 8A

A. 7.46 x 1.18 x 7.45 x 1.18 (landing at top: 1.48 x 1.18 x 1.48 x 1.18).

B. North, a L. 5.96.

Doorway to first floor of room 7. W. 1.48.

East, a L. 1.18. Entirely modern restoration.

South, a L. 7.46. Vertical drainage channel at 0.64 from south-east corner. W. 0.28, d. 0.30. One row of four holes at h. 0.13 above upper step.

West, doorway to room 13.

C. Steps paved with modern brick-tiles. Twenty steps of av. d. 0.298, av. h. 0.206 (not taking into account the first step of h. 0.60).

D. No data available.

E. No data available.

ROOM 9 (understairs)

A. 4.99 x 1.78 x 4.99 x 1.76.

B. North, a L. 4.99. Drainage pipe 0.72 to 1.00 from west; w. 0.28, d. 0.29. In the lower part the edges have been cut away. Three holes at 2.45 from foundation. Scattered holes of different and irregular form, some of them possibly corresponding to each other. Irregular hole through wall to room 8, 0.33 to 1.20 from east; w. 0.87, h. 0.87. Traces of plaster.

East, a L. 1.78. Three holes, one in north part at h. 0.49, two in south part at 0.08 and 0.63. Traces of plaster.

South, a L. 4.99. Wall receding at foundation, d. 0.07. Traces of plaster. Doorway to room 10, 2.90 to 4.37 from east wall; w. 1.47, h. 2.54 from foundation. At both doorjambs bipedales project at foundation-level, probably remains of threshold. Covered by segmental arch, of sesquipedalis-height, underneath covered by brick fragments. One hole in middle of arch. Two holes in each doorjamb, corresponding, at h. 1.35 and h. 2.17; lower ones diam 0.08, upper ones diam. 0.11. Traces of plaster.

West, a L. 1.76. Wall receding along entire wall at 1.54 from foundation, d. 0.30. One large hole right underneath plinth, possibly a damaged facing. In the upper part of the wall, in the middle a regular hole, w. 0.16, h. 0.24. Three irregular holes.

Pier in east part of room supporting stair-vault, vittatum mixtum (incertum in the foundation); 0.85 x 0.70 x 0.91 x 0.70. Connected with east wall by a brick arch. The upper part is funnel-shaped. The mortar is light-grey in colour, containing black and brown pozzolana, small and somewhat larger, and a number of lime-granules. Description by Heres: modulus latericium c. 26.0, modulus 1+1 14.5, modulus 1+1+1 = 18.7. The mortar is very different from the Hadrianic mortar used in the staircase. The pier has been built with reused bricks. It contains an entire bipedalis.

C. In east the floor-level is at same height with foundation-level, in west the floor-level is 0.28 beneath foundation-level.

D. Cross-vault in west part (below landing) and sloping barrel-vault. Caementicium without facing. Greatest h. in west: 3.40 above foundation, start of vault at this point at h. 3.04. Smallest h. in east: 1.00 above foundation (start of vault), h. at vault-top 1.23.

E. In this room ashes were found, probably deriving from the lime-kiln in alley 11.

STAIRCASE 9A

A. 7.24 x 1.76 x 7.25 x 1.79 (landing 0.99 x 1.79 x 0.99 x 1.79).

B. North, a L. 6.36. Three putlog holes at 2.57 and five at 3.59 from foundation.

East, a L. 0.15 - 0.15. Wall receding 0.29 at 1.50 above foundation.

South, a Blocked doorway to room 10, cut through wall and blocked. Meas.: bricks w. c. 0.03-0.04, av. c. 0.035; mortar w. c. 0.02-0.035, av. c. 0.025. Modulus: c. 0.30-0.32. Vertical drainage channel above doorway, w. 0.28, d. 0.27.

b L. 6.36. Three putlog holes at h. 2.57 and four at 3.59 from foundation.

West, a L. 1.79.

C. Seventeen steps. The first four steps are made of travertine, the rest of bricks (modern restoration); av. d. 0.304; av. h. 20.7. The floor of the landing upstairs is of modern brick-tiles.

D. Sloping segmental barrel-vault. Modern restoration.

E. No data available.

STAIRCASE 9B

A. 5.41 x 1.79 x 5.41 x 1.79 (landing + stairs) (landing: 1.98 x 1.53 x 2.00 x 1.79; h. 0.41 above level of landing 10A).

Divided from landing 10A by modern concrete slope replacing supposed threshold. In antique facing of north and south walls traces of eight steps.

ROOM 10

A. 7.14 x 1.83 x 7.14 x 1.89.

B. North, a L. 7.14.

Doorway to room 9, 1.20 to 2.67 from west; w. 1.47, h. 2.34 above floor.

Blocked doorway to staircase 9A: 0.30 to 1.16 from east; w. 0.86, h. 2.51 above floor. At this facing of the blocking the wall shows caementicium, and is set back somewhat. The lintel of the door was cut in a sort of step gable-motive. The mortar tends to soften towards the centre of the wall. It is light- to pale-grey, containing dark-grey, black and brown pozzolana, ranging in size from very small to very large, and small lime-granules. Regular hole in the middle of the wall at 1.82 above floor, w. 0.16, h. 0.26, d. 0.18. West of doorway to room 9 a hole in the form of a plus-sign. West of same doorway one putlog hole, east of the doorway a row of eight putlog holes, all at 2.53 above floor. Furthermore some fifteen holes of different form scattered over the wall. Traces of plaster.

East, a L. 1.83.

Blocked doorway to Via della Fontana, 0.00 to 1.54 from north; w. 1.54, h. 2.70. Description by Heres, meas. at 0.90: bricks l. 0.174-0.221, av. 0.192; bricks w. 0.030-0.035, av. 0.033; mortar w. 0.018-0.026, av. 0.024. Modulus: 0.285-0.304, av. 0.294. Badly levelled courses. Bricks vary in quality and colour

(yellow to mulberry-red). The mortar is quite tenacious but pulverizing towards the nucleus into a brown powder. Contains very much red and black pozzolana and heterogeneous material, sometimes in size up to 0.04, including marble. The doorway is covered by a straight arch of courses of bricks of sesquipedales-length. Above the doorway, following the curve of the barrel-vault covering room 10, is a window, covered by a segmental arch. W. 0.69, h. 0.58. The sill is formed by the sesquipedales-lintel of the doorway below. In the blocking another window was cut out later at the upper south angle of the original doorway; w. 1.10, h. 0.56. Just above the original threshold in the lower south angle a drainage hole was cut out. South from doorway a plinth at 1.54 from foundation, d. 0.30. Damaged. Traces of plaster. South, a L. 7.14. Traces of plaster on all wall-parts. East of doorway four holes, two of which in a row in upper part of wall.

Doorway to passage 11, 1.18 to 2.94 from east; w. 1.76, h. 2.78 above floor. Covered by segmental arch of brick courses of sesquipedalis-length. Remains of bricks cemented below arch, in order to form a straight lintel. Regular hole at 0.86 above floor, w. 0.16, h. 0.22, d. 0.15. A rather large but irregular hole at 1.58 above floor, diam. 0.15. Row of eight putlog holes at 2.56 above floor, two of which above west doorway. Five holes scattered over the wall. Between the foundation course and the brick course just above it is a horizontal groove.

Doorway to passage 11, 5.67 to 7.07; w. 1.40, h. 2.39 above floor. Cut out in original wall, the lintel cut in the form of a segmental arch. In south-west corner of wall a plinth of the same kind as in the south-east corner, up to the height of the second bipedalis-course in the outer south wall (i.e. somewhat higher than in the south-east corner). L. 0.30, d. 0.29.

West, a L. 1.89.

Doorway to room 12, 0.29 to 1.89 from south; w. 1.60, h. 2.66 above foundation. Threshold probably partially preserved in bricks projecting from north doorjamb. Window above doorway, the sill formed by the lintel of the doorway, a straight arch of courses of sesquipedalis-length. The lintel of the window is a segmental arch, following the rounding of the vault of room 10, w. 0.70, h. 0.60. In south doorjamb a vertical oblong hole at 1.40 above foundation. In north doorjamb a hole at 1.29 above foundation. Plinth along the wall to the south of it, at 1.84 from foundation, d. 0.30. Traces of plaster.

C. Covered with modern debris.

D. Barrel-vaulted ceiling. Start of vault at h. 3.30, top of vault at 3.68 above foundation-level.

E. No data available.

ALLEY 11

A. 15.72 (including outer walls = south facade) x 4.46 x 14.16 x 4.39.

B. North, a L. 15.72.

Doorway to room 12, 5.28 to 7.05 from west; w. 1.77,

h. 2.47 above floor, 2.78 above foundation.

Doorway to room 10, 8.02 to 9.36 from west; w. 1.34, h. 2.15 above floor, 2.39 above foundation.

Doorway to room 10, 12.18 to 13.96 from west; w. 1.78, h. 2.65 above floor, 2.79 above foundation.

East, a L. 4.46.

Doorway to Via della Fontana, 0.00 to 1.48 from north; w. 1.48. Narrowing of original alley-entrance. Set against Insula del Soffitto Dipinto (II, VI, 6). Window to Via della Fontana at 2.98 above foundation.

South, a L. 14.16. The mortar is more or less tenacious, light-grey, containing much black and some brown pozzolana, from large to small in size. Small lime-granules. Irregular hole through wall to Insula, 3.96 to 4.95 from east; w. 0.99, h. 0.90.

Doorway to Insula, 5.65 to 6.71 from east; w. 1.16. Cut through wall.

Blocked doorway, 9.44 to 10.62 from east, w. 1.18. Up to h. 1.50 vittatum mixtum A, above vittatum simplex consisting of irregular tuffelli, intersected by one course of bricks. Very tenacious mortar, grey, containing much red, brown and black pozzolana. Much heterogeneous material of small size and many small lime-granules.

Narrowing of former doorway, 10.62 to 12.13 from east, w. 1.51. The mortar is not very tenacious, whitish, containing dark-red, black and brown pozzolana. Not much heterogeneous material and a few lime-granules. The original doorway had a threshold of travertine, still in situ beneath the narrowing wall and blocking.

West, a L. 4.39.

Narrowing of original alley-entrance. Set against Insula. Meas.: bricks l. 0.159-0.371, av. 0.256; bricks w. 0.034-0.036, av. 0.035; mortar w. 0.016-0.027, av. 0.02. Modulus 0.27-0.276, av. 0.274. Very tenacious, whitish to greyish mortar, containing brown, red and black pozzolana, and very few lime-granules. The mortar-joints are daubed.

Doorway to Via delle Corporazioni, 2.54 to 4.39 from south; w. 1.87.

C. No data available.

D. Projecting brick cornice on top of first floor in north indicates the former presence of a wooden ceiling.

E. Oven in south-east corner, originally covering entire east wall. Its walls at their thinnest are 0.60 wide (to east wall and to south wall). Built with demolition material, mostly brick, but with a caementicium-like appearance. The mortar is rather soft and whitish. Predominantly brown and some black pozzolana.

ROOM 12

A. 6.48 x 4.24 x 6.46 x 4.26.

B. North, a L. 0.59. Traces of plaster. Modern facing in lower and upper part.

Doorway to room 13, 0.59 to 2.07; w. 1.48. Hole in west doorjamb at 1.14 from floor. Traces of plaster

on both doorjambs. Lower and upper part of jambs modern.

b L. 2.32. Row of two putlog holes at 1.54 from floor. Traces of plaster. Modern restored facing in lower and upper part.

Doorway to room 13; w. 1.79. Cut through wall or widened, in west doorjamb wall-core visible. Hole in east doorjamb at 1.22 from floor. Pavement of basalt-blocks continues between doorjambs, with shallow strip of irregular travertine blocks in between. Modern restored facing in both doorjambs. The plan in Vaglieri 1914 shows a blocking, not attested.

c L. 0.30. Modern restored facing in lower part.

East, a L. 3.97. Drainage hole cut out at extreme north part of wall. Rows of two putlog holes at 2.73 and 1.43 from floor. Traces of plaster. Modern restored facing at north and south parts, and upper part.

Doorway to room 10.

South, a L. 6.46. Modern restored facing in lower and upper part. Traces of plaster.

Doorway to alley 11. Covered by segmental arch of brick courses of sesquipedalis-length. Row of two putlog holes at 2.92 from floor. One hole at 1.86 from floor. Traces of plaster. Modern restored facing in lower and upper parts.

West, a L. 4.26. Traces of plaster. Modern restored facing in lower and upper parts. Window to Via delle Corporazioni at 1.90 from floor; w. 1.34. Sill of bricks.

C. Paved with basalt blocks. Floor-level down to 0.35 below foundation-level.

D. No data available.

E. No data available.

ROOM 13

A. 6.48 x 4.11 x 6.48 x 4.03.

B. North, a L. 4.42. Wall receding at 1.54 from foundation, d. 0.07. Row of four putlog holes at 1.20 from foundation, all filled-in. Cut out in wall, not forming part of original building-phase. In west part row of two putlog holes at 0.68 from foundation. Traces of plaster. Modern restored facing in lower and upper parts.

Doorway to room 14; w. 1.78. No threshold preserved, but some pieces of tufa are put in the ground, though not cemented. Holes in both doorjambs, west at 0.61 from foundation, east 0.59 from foundation. Traces of plaster on both doorjambs. Modern restored facing in lower and upper part of west doorjamb and lower part of east doorjamb. The plan Vaglieri 1914 shows a blocking, not attested.

b L. 0.29. Wall receding at 1.54 from foundation, d. 0.07. Traces of plaster. Modern restored facing in lower part.

East, a L. 2.93. One hole at 1.18 from foundation. Traces of plaster. Partially modern restored facing. Nail-holes scattered on wall between doorways.

Doorway to room 7, w. 1.44. Traces of plaster on

both doorjambs. Modern restored facing in lower part of south doorjamb. Traces of plaster. Modern restored facing in lower part and possibly upper part. Entrance to stairway to first floor; w. 1.18. High threshold of latericium, for greater part restored. Traces of plaster on north doorjamb.

South, a L. 0.30. Traces of plaster. Modern restored facing in lower part and possibly upper part.

Doorway to room 12; w. 1.73.

b L. 2.36. Traces of plaster. Modern restored facing in east part and lower and upper parts.

Doorway to room 12; w. 1.48. No threshold preserved, although some remains of mortar and brick-fragments survive. Traces of plaster on east doorjamb. Modern restored facing in lower and upper parts.

c L. 0.60. Traces of plaster. Modern restored facing in lower and upper parts.

West, a L. 0.60. Traces of plaster. Modern restored facing in lower and upper parts.

Blocked doorway to Via delle Corporazioni; w. 1.48. Meas.: bricks l. 0.235-0.265, av. 0.250; bricks w. 0.029-0.031, av. 0.03; mortar w. 0.011-0.026, av. 0.019. Modulus: 0.245-0.265, av. 0.258. Original threshold in brick at foundation-level. Blocking of doorway is 0.29 less wide than outer wall, thus creating a kind of large niche. Traces of plaster. Entirely modern restored facing below original threshold.

b L. 1.96. Traces of plaster. Modern restored facing in lower and upper parts.

C. Paved with basalt blocks. Level down to c. 0.37 below foundation-level.

D. No data available.

E. Two fitting fragments of a catillus are situated on the floor. Found in room 7 and interpreted as olive-press in GdS 1913, p. 70 and NSc 1913, 126, n. 1. Max. preserved l. 0.67, max. preserved w. 0.34. The height of the funnel-shaped upper part of the catillus is completely preserved. It measures 0.34, meaning that it was part of a small grinding-machine. The hole in which a wooden beam was fitted in order to turn measures 0.24. The hole below this, through which the grain travelled to be ground measures 0.10. At this point the catillus is 0.14 thick.

ROOM 14

A. 7.04 x 14.00 x 6.62 x 13.96.

B. North, a L. 0.60. Wall receding at foundation, d. 0.07. Traces of plaster. Modern restored facing in lower and upper part.

b L. 0.31. Set against a as a narrowing of doorway to room 15. Wall receding at foundation, d. 0.07. In the lower part vittatum mixtum A. Traces of plaster. Modern restored facing in upper west part and passim. The mortar is very tenacious, grey, containing black, brown and red pozzolana and small lime-granules.

Blocked doorway to room 15, in vittatum mixtum A; the lower part of the blocking, up to the foundation-

level is in latericium; w. 1.22. Traces of plaster. Modern restored facing in lower and upper part. The mortar is very hard, whitish to greyish, containing predominantly black and dark-brown, and less yellowish and light-brown pozzolana, and a small number of lime-granules.

⊔ L. 4.28, set against d. Wall receding at foundation, d. 0.07. Irregular crack from top to bottom with at the bottom a repaired hole. The plinth at this point has been broken away. Traces of plaster. Modern restored facing in lower (plinth) and upper part.

Pier at 1.24 to 1.86 from west; w. 0.62, d. 0.92. Traces of plaster on all three sides. Travertine blocks on the lower south-west and south-east corner. Modern restored facing in lower and upper part and in the joint of pilaster and wall. Mortar of original phase as in c. Mortar of antique repair: whitish to grey, sometimes abundance of brown and rust-coloured pozzolana changing colour to almost brown, some black pozzolana and even less yellowish, some lime-stone. East facing, meas. (Heres): bricks l. 0.186-0.21, av. 0.198; bricks w. 0.026-0.034, av. 0.03; mortar w. 0.013-0.025, av. 0.02. Modulus: 0.248-0.263, av. 0.256.

⊔ L. 0.61. Wall receding at foundation, d. 0.07. Traces of plaster. Modern restored facing in lower (plinth) and upper part.

East, a L. 1.47. Wall receding at foundation, d. 0.15. Row of two putlog holes at 1.25 from foundation. Traces of plaster. Modern restored facing in lower and upper part and passim.

Doorway to room 4; w. 2.04. Basalt block, part of pavement of room 4, projecting between doorjamb. Rectangular hole in south doorjamb at 1.31 from foundation. At the corner of south doorjamb and east wall a hole at 1.91 from foundation, h. 0.07, w. 0.21, d. 0.11. Traces of plaster. Modern restored facing in upper parts of both doorjamb.

⊔ L. 3.41. Wall receding at foundation, d. 0.15. Two holes north of pilaster. Row of two holes south of pilaster. Traces of plaster. Modern restored facing in lower and upper part.

Pier projecting from 1.48 to 2.07; w. 0.59, north d. 0.58, south d. 0.60. Plinths at north and south sides at foundation, d. 0.07. Traces of plaster on all three sides. Modern restored facing in lower (plinth) and upper part.

⊔ Blocked doorway to room 5; w. 2.06. Modern restored facing passim. Caementicium-like appearance with much heterogeneous material such as pot-sherds, roof-tiles, pebbles, a basalt block, mortar and plaster granules. The mortar is more or less the same as in the other face in room 5, but softer.

⊔ L. 2.54. Plinth, north from projecting pier, at foundation, plinth south of projecting pier at 1.54 from foundation, both d. 0.15. One hole south of pier. Remains of plaster, th. c. 0.03. Modern restored facing in lower (south of pier) and upper part.

Pier projecting from 1.43 to 2.02; w. 0.59, north d. 0.60, south d. 0.62. Plinths at north and south sides, at

1.60 and 1.54 resp. from foundation, d. 0.07. Two shallow holes at west side. Traces of plaster on all sides. Remains of plaster at north side, th. c. 0.03. Modern restored facing in upper part.

Doorway to room 6; w. 1.96. Hole in each doorjamb, corresponding. Traces of plaster. Modern restored facing in upper parts of both doorjamb.

⊔ L. 0.51. Plinth at 1.54 from foundation, d. 0.12

South, a L. 0.42. Plinth at 1.54 from foundation, d. 0.07. Traces of plaster. Modern restored facing in lower, middle and upper parts.

Doorway to room 13; w. 1.78. Traces of plaster on both doorjamb. Modern restored facing in both doorjamb, west doorjamb entirely restored.

⊔ L. 4.44. Plinth at 1.54 from foundation, d. 0.07. Traces of plaster. Modern restored facing in upper part and east part.

Pier set against b, 1.08 to 1.71 from east; w. 0.63; east d. 0.84, west d. 0.85. Traces of plaster, but scarce. Some red paint on reused bricks. Pale-grey to darker mortar, but in some cases with light-grey daubing. Black and dark-brown, sometimes large, pozzolana. Not many lime-granules. North facing, meas. at 0.40 (Heres): bricks l. 0.220-0.227, av. 0.224; bricks w. 0.033-0.036, av. 0.034; mortar w. 0.024-0.033, av. 0.028. Modulus: 0.28. Meas. at 0.90: bricks l. 0.222-0.225, av. 0.224; bricks w. 0.034-0.036, av. 0.035; mortar w. 0.019-0.025, av. 0.022. Modulus: 0.293-0.297, av. 0.295. Quite regular brickwork with well-levelled courses. The bricks are predominantly yellow, mixed with red. The mortar is tenacious and grey-whitish, containing much red and black pozzolana, and some heterogeneous material such as marble.

West, a L. 4.62. One hole. Traces of plaster. Modern restored facing in lower and upper part and passim.

Pier projecting; w. 0.76, south d. 0.29, north d. 0.58. Traces of plaster on all three sides. Modern restored facing in lower and upper part.

Doorway to Via delle Corporazioni; w. 2.64. Modern brickwork. Traces of plaster on both doorjamb.

⊔ L. 2.86. Plinth at foundation, a continuation of the wall at threshold level, d. 0.30. Traces of plaster. Modern restored facing in lower and upper part.

Pier projecting; w. 0.59, d. 0.58. Plinth at south and north sides. Traces of plaster on all three sides. Modern restored facing in upper part.

Doorway to Via delle Corporazioni; w. 2.68. Same as said of last doorway.

⊔ L. 1.16. Plinth at foundation, a continuation of the wall at threshold-level, d. 0.30. Traces of plaster with red paint. Modern restored facing in lower and upper part. Along the north-south axis of the room two piers.

Northern pier 0.58 x 1.18 x 0.60 x 1.20. Plinth on all four sides at floor-level. Depths: north, 0.09; east, 0.18; south, 0.10; west, 0.05. Travertine blocks at north and south sides. Traces of plaster on all four sides. Modern restored facing in middle part. A large crack runs through the middle part, the upper part had

probably fallen down and was put in place during the modern restoration. Whitish to greyish mortar. Much black, brown and grey pozzolana, from small to large in size. Much heterogeneous material and many lime-granules. Meas. at 0.40 (Heres): bricks l. 0.20-0.235, av. 0.213; bricks w. 0.026-0.039, av. 0.031; mortar w. 0.015-0.026, av. 0.022. Modulus: 0.260-0.267, av. 0.263. Meas. at 0.90: bricks l. 0.14-0.168, av. 0.153; bricks w. 0.03-0.035, av. 0.033; mortar w. 0.022-0.035, av. 0.027. Modulus: 0.277-0.288, av. 0.283. Meas. at 1.40: bricks l. 0.17-0.25, av. 0.199; bricks w. 0.022-0.026, av. 0.024; mortar w. 0.02-0.029, av. 0.025. Modulus: 0.274-0.29, av. 0.283.

Above a height of 0.62 the facing seems to have undergone an antique repair. The brickwork is very dissimilar from the pier against the middle of the north wall. The facing is irregular, the mortar is of the same quality. Bricks of a reddish colour. It is clear that they are not reused. The colour ranges from yellow to red. The mortar is tenacious and abundant, dark-grey; towards the wall-nucleus more whitish and more powdery.

South pilaster Traces of plaster, but very scarce, on a few bricks. Modern restored facing in lower and upper part. Badly sifted mortar with well-sifted mortar-daubing. Pale-grey to greyish, containing black, dark-brown and yellowish-brown pozzolana. Many small lime-granules and much heterogeneous material. Meas. at 0.40 (Heres): bricks l. 0.074-0.228, av. 0.169; bricks w. 0.033-0.040, av. 0.035; mortar w. 0.016-0.022, av. 0.019. Modulus: 0.281-0.301, av. 0.288. Meas. at 0.90: bricks l. 0.045-0.249, av. 0.168; bricks w. 0.034-0.037, av. 0.036; mortar w. 0.01-0.018, av. 0.014. Modulus: 0.26-0.275, av. 0.267. Badly levelled courses. Irregular bricks, ranging in colour between yellow and mulberry-red. The mortar is tenacious, containing red and black pozzolana and heterogeneous material such as marble.

C. Paved with basalt blocks. Floor-level down to 0.42 below foundation-level.

D. No data available.

E. No data available.

ROOM 15

A. 6.69 x 10.44 x 6.98 x 10.54.

B. North, a L. 0.57. Plinth at foundation, d. 0.09. Traces of plaster. Modern restored facing in lower and upper part.

Doorway to room 16; w. 1.85. Pavement of basalt blocks of rooms 15 and 16 continues. Traces of plaster on west doorjamb. Modern restored facing, east doorjamb almost entirely, west doorjamb in upper part.

b L. 3.34. Plinth entirely restored, at 0.10 below foundation-level, d. 0.07. Traces of signinum. Modern restoration in lower and upper part. The mortar is mostly dark-grey, sometimes light-grey. Red, black and rust-coloured, small to quite large, pozzolana. Few lime-granules.

c L. 1.20. Separated from b by an irregular joint

(obscured by extensive modern restoration). Meas.: bricks l. 0.18-0.26, av. 0.221; bricks w. 0.034-0.038, av. 0.036; mortar w. 0.013-0.02, av. 0.017. Modulus: 0.27-0.298, av. 0.283.

East, a L. 1.47. Crack through wall just north of basin-wall. Traces of signinum. Modern restored facing in upper part.

Doorway to room 2; w. 2.02. Modern restored facing of almost entire doorjambs.

b L. 3.56. Plinth at foundation, d. 0.15. Traces of plaster. Modern restored facing in lower and upper part. Projecting pier, w. 0.59, d. 0.58. Plinths at north and south side at foundation, d. 0.09 (north) and 0.10 (south). Traces of plaster on all three sides. Modern restored facing in lower and upper part.

Doorway to room 3; w. 1.92.

c L. 1.46. Plinth at foundation, d. 0.15.

South, a L. 0.59. Plinth at foundation, d. 0.07.

b L. 4.27. Set against a. Plinth as above (h. 0.35 above street-level). Two superimposed kinds of masonry on plinth: one building period witness mortar. Lower up to h. 0.95 above plinth, mortar as in blocked doorway. Mortar in upper as in section d.

Description by Heres, meas. at plinth (0.40 above floor-level): bricks l. 0.143-0.221, av. 0.201; bricks w. 0.021-0.023, av. 0.022; mortar w. 0.025-0.031, av. 0.028. Modulus: 0.24-0.248, av. 0.244. The bricks are predominantly yellow and very thin. Meas. at 0.90 above floor-level: bricks l. 0.136-0.184, av. 0.159; bricks w. 0.029-0.036, av. 0.034; mortar w. 0.016-0.025, av. 0.022. Modulus: 0.26-0.289, av. 0.28. The bricks are predominantly salmon-pink.

c Blocked doorway to room 14 in vittatum mixtum; w. 1.20. Description by Heres, meas.: tufelli l. 0.129-0.211, av. 0.165; tufelli w. 0.065-0.073, av. 0.067; bricks l. 0.153-0.188, av. 0.172; bricks w. 0.022-0.03, av. 0.025; mortar w. 0.016-0.025, av. 0.023. Modulus (1+1): av. 0.121; (1+1+1) av. 0.163. Large tufelli, often crudely hewn, ranging in colour between yellow and chestnut. The bricks are often thin, ranging in colour between yellow and red. The mortar is tenacious and grey-whitish, containing much, quite small, black and red pozzolana and some heterogeneous material.

d L. 0.32. Set against e. Plinth as above.

e L. 0.60. Plinth as above.

West, a L. 1.10.

Doorway to Via delle Corporazioni; present w. 2.84. North jamb missing.

b L. 5.15.

Doorway to Via delle Corporazioni; present w. 2.72. South jamb missing. At 1.82 from south jamb th. of wall underneath threshold-level decreases from c. 0.90 to c. 0.60.

c L. 1.25

C. Floor of basalt blocks. Floor-level down to 0.40 below foundation-level.

D. No data available.

E. Basin against north wall. South wall of basin, meas.: bricks l. 0.195-0.288, av. 0.228; bricks w.

0.026-0.041, av. 0.033; mortar w. 0.02-0.025, av. 0.022. Modulus: 0.275-0.31, av. 0.296. North wall of basin, east part, meas.: bricks l. 0.18-0.26, av. 0.221; bricks w. 0.034-0.038, av. 0.036; mortar w. 0.013-0.02, av. 0.017. Modulus: 0.27-0.298, av. 0.283. Tenacious, dark-grey mortar. Much small black and brown pozzolana. Many lime-granules and heterogeneous material such as mosaic-tesserae.

ROOM 16

A. 6.94 x 7.42 x 7.00 x 7.40.

B. North, a L. 1.83. Entirely restored.

Passage to room 17; w. 4.44.

b L. 0.73.

East, a L. 2.73. Meas.: bricks l. 0.196-0.301, av. 0.245; bricks w. 0.032-0.039, av. 0.036; mortar w. 0.014-0.02, av. 0.017. Modulus: 0.246-0.255, av. 0.251. Salmon-pink bricks. Light-grey mortar containing dark-grey, brown, rust-coloured and some red and black pozzolana.

b L. 1.10. Meas.: bricks l. 0.18-0.236, av. 0.207; bricks w. 0.032-0.036, av. 0.034; mortar w. 0.022-0.025, av. 0.024. Modulus: 0.279-0.295, av. 0.289. Light-greyish to whitish mortar. Dark-grey, rust-coloured and red pozzolana. Some lime-granules.

c L. 0.97. Meas.: bricks l. 0.196-0.234, av. 0.212; bricks w. 0.033-0.036, av. 0.035; mortar w. 0.02-0.029, av. 0.024. Modulus: 0.295-0.305, av. 0.30. At top: yellowish to whitish mortar; black and brown pozzolana, and lime-granules. At bottom: light-grey to grey mortar; rust-coloured and black pozzolana.

d L. 0.52

South, a L. 3.56. Possibly set against east wall, but entirely restored. Wall receding (entirely restored) at 0.10 beneath foundation-level, d. 0.07.

Doorway to room 15; w. 1.85.

b L. 0.59

West, a Present l. 1.35, north part missing.

Presumed doorway to Via delle Corporazioni. Both jambs missing. L. from preserved part of wall to north-west corner 4.24.

C. Floor of basalt blocks. At west side of room down to 0.71 below foundation-level.

D. No data available.

E. No data available.

ROOM 17

A. 5.39 x 1.16 x 5.39 x 1.21.

B. North, a L. 0.31.

b L. 0.88. Set against a.

Doorway to Via della Fullonica; w. 1.18.

c L. 3.02. With pier projecting in north-east corner; w. 0.12, d. 0.32.

East, a L. 0.32 (west side of pier).

b L. 0.84. Possibly set against a, forming an entity with south a. Meas.: bricks l. 0.141-0.256, av. 0.214; bricks w. 0.031-0.038, av. 0.034; mortar w. 0.017-0.02, av. 0.019. Modulus: 0.261-0.265, av. 0.264. Light-grey to whitish mortar. Dark-grey to black, rust-coloured and some red pozzolana. Some lime-

granules.

South, a L. 0.72. Circular hole at h. 0.76 above floor; diam. 0.06.

Passage to room 16; w. 4.07.

b L. 0.60

West, a L. 1.21 (back wall of stairway). Entirely restored.

C. Paved with basalt blocks. Floor-level at lowest point c. 0.70 below foundation-level.

D. No data available.

E. No data available.

2C First floor

ROOM 7, FIRST FLOOR

A. 7.01 x 4.13 x 6.84 x 4.14.

B. North, a L. 0.40. Crumbled towards west. Modern restoration.

Doorway, w. 1.20.

b L. 3.61. Traces of plaster. Meas. at 0.90 above floor-level: brick l. 0.166-0.21, av. 0.187; brick w. 0.03-0.035, av. 0.032; mortar w. 0.019-0.022, av. 0.02. Modulus: 0.254-0.263, av. 0.258. Pink, yellow and red bricks, all fresh. Well-levelled layers. The mortar is mud-grey, not well-sifted but daubed with a better sifted quality of whitish mortar. Much heterogeneous material, sometimes more than 0.015 in diameter. Black and brown pozzolana.

Doorway, w. 1.20. Travertine threshold with raised edge at north end. L. 1.20, d. 0.56, h. 0.10 at south end, 0.20 at north end. Raised edge h. 0.03, w. 0.10. Broken, but repaired with modern cement.

c L. 0.60.

East, a L. 4.13. Entirely modern restoration.

South, passage to landing of staircase 8A, w. 1.48.

a L. 5.36. Entirely modern consolidation.

West, a L. 4.14. Entirely modern consolidation.

C. Paved with modern brick-tiles.

D. No data available.

E. No data available.

ROOM 10, FIRST FLOOR

A. 7.20 x 1.90 x 7.19 x 1.90.

B. North, a L. 0.58. Entirely modern facing.

Doorway to 9A. W. 1.20.

b L. 3.62. Traces of plaster.

Doorway to stairway 9B, w. 1.79.

East, a L. 1.90. Entirely modern facing.

South (av. w. 0.73) a L. 0.60. Entirely modern facing.

b Blocked doorway to first floor above alley 11. W. 1.20. Threshold of bricks, 0.28 above floor.

c L. 3.74. Relatively much antique brickwork.

Doorway onto first floor of alley 11. W. 1.14. H. 0.22 above floor-level, h. 0.57 above cornice at other side of wall.

West, a L. 1.90. Entirely modern facing.

C. Modern brick-tiles.

D. No data available.

E. No data available.

2D Finds of which the exact place of discovery is unknown

Except for the finds in rooms 1 and 2, all finds were reported only as deriving from the building (in the *Giornale degli Scavi*). No specifications of room numbers were made. They are listed below.

Found from January 16 to 18, 1913:

6910 Ordinary reddish terracotta. Fragment of tile with stamp CIL XV, 1449a. Second half of first century AD.

6911 Idem. Fragment of tile with stamp.

6912 Idem. Fragment of tile with stamp CIL XV, 635c. Beginning of first century AD.

6913 Idem. Fragment of tile with stamp CIL XV, 71. 123 AD.

6914 Idem. Fragment of tile with stamp and incised letters CIL XV, 1430. 127 AD.

6915 Idem. Two fragments of tiles with stamp CIL XV, 79. 123 AD.

6916 Idem. Two fragments of tiles with stamp CIL XV, 985a. 123 AD.

6917 Idem. Fragment of tile with stamp CIL XV, 105d. 126 AD.

6918 Idem. Fragment of tile with stamp CIL XV, 1094i. Between 75 AD and 100 AD.

6919 Idem. Fragment of tile with stamp CIL XV, 361. Between 123 AD and 125 AD.

6920 Idem. Fragment of tile with stamp CIL XV, 1094h. End of first century AD.

6921 Idem. Fragment of tile with stamp CIL XV, 45.

6922 Idem. Fragment of tile with stamp CIL XV, 171. 138 AD.

6923 Idem. Two fragments of tiles with stamp CIL XV, 1068a. 123 AD.

6924 Idem. Antefix with palmettos and scrolls, fragmented. H. 0.11 x 0.105.

6925 Idem. Fragment of decorative tile with egg and dart moulding and scrolls. H. 0.11 x 0.11.

6926 Idem. Fragment of tile with stamp CIL XV, 648a. 123 AD.

6927 Idem. Nineteen fragments of tiles with stamp CIL XV, 1435. 129 AD.

6928 Idem. Ten fragments of roof-tiles with stamp CIL XV, 1436. 130 AD.

6929 Idem. Fragment of tile with stamp CIL XV, 1434. 128 AD.

6930 Idem. Fragment of tile with stamp CIL XV, 107. 123 AD.

6931 Idem. Fragment of tile with stamp CIL XV, 377. 126 AD.

6932 Idem. Fragment of tile with stamp CIL XV, 399.

6933 Idem. Fragment of tile with stamp CIL XV, 617. 145 to 155 AD.

6934 Idem. Fragment of tile with stamp CIL XV, 659a. First century AD.

6935 Idem. Fragment of tile with stamp CIL XV, 109. 126 AD.

6936 Idem. Fragment of tile with stamp CIL XV,

702.

6937 Idem. Fragment of tile with stamp CIL XV, 1262. First century AD.

6938 Idem. Fragment of tile with stamp and incised letters CIL XV, 954. First half of second century AD.

6939 Idem. Fragment of tile with stamp [...]*JERDONIS* (803).

6940 White marble. Body of quadruped animal, female with six pairs of nipples. Head and legs missing. L. 0.031.

6941 Idem. Fragment of inscription. H. 0.075 x 0.1 x 0.095. H. of letters c. 0.095. Two letters, only the letter *M* is clearly discernible.

6942 Idem. Fragment of inscription, possibly part of same inscription as 6941. H. 0.09 x 0.09 x 0.2. H. of letters 0.047. Only *ER* clearly readable, possibly followed by *V* (four letters).

6943 Travertine. Fragments of cornice with two letters: *LL*. H. 0.016 x 0.019 x 0.011. H. of letters 0.032.

6944 Bronze. Lower part of candelabrum with cylindrical shaft decorated with turned knots, with a foot formed by three animal feet alternated by leafs in the form of goose-heads. Total h. 0.38.

6945 Idem. Bronze sheet decorated with semicircular grooves at the two extremes. L. 0.015 x 0.045.

6946 Idem. Cover with vertical ridge on which a piece of iron is fixed.

6947 Idem. Twenty coins. Fourteen small ones and six medium-sized.

6948 White marble. Upper part of a small cippus with the following letters on the front: *US*[...]

[...] *LE*

6949 Bronze. Vase, hemispherical in the lower part but with a smooth bottom, vertical sides and the rim turned inwards. The sides and much of the rim fragmented. Diam. 0.35 x 0.195. The vase is "quite well preserved but infected by oxidation in all parts and will probably not have a long life"

Found from January 20 to 25, 1913:

6986 White marble. Fragment of an inscription:

[...] *BEL*[...]

[...] *CUIUG*[...]

H. 0.145 x 0.130 x 0.04. H. of letters of first line 0.025, of second line 0.02.

6987 Idem. Fragment of an inscription:

[...] *M*[...]

[...] *? PIUS*[...]

[...] *TURM* (or *TURN*)[...]

[...] *Q. AN*[...]

H. 0.143 x 0.11 x 0.025. H. of the letters 0.025.

6988 Ordinary reddish terracotta. Fragment of decorative tile with part of a figure with "mando pieghettato". On its left the following inscription in relief:

[...] *ANTON*

[...] *PHRA*

H. 0.105 x 0.105.

6989 Idem. Ten fragments of tiles with stamp CIL

XV, 1435. 129 AD.

6990 Idem. Two fragments of tiles with stamp CIL XV, 1430. 130 AD.

6991 Idem. Two sesquipedales and two fragments of tiles with stamp CIL XV, 1362.

6992 Idem. Fragment of tile with stamp CIL XV, 704a. 123 AD.

6993 Idem. Two fragments of tiles with stamp CIL XV, 71. 123 AD.

6994 Idem. Fragment of roof-tile with stamp CIL XV, 396. 125 AD.

6995 Idem. Fragment of tile with stamp CIL XV, 846. 123 AD.

6996 Idem. Fragment of tile with stamp CIL XV, 109. 126 AD.

6997 Idem. Fragment of tile with stamp CIL XV, 2189. Dated to Hadrianic period.

6998 Idem. Fragment of tile with stamp CIL XV, 1029a. 123 AD.

6999 Idem. Three sesquipedales with stamp CIL XV, 1057. 137 AD.

7000 Reddish fine-ware with red varnish. Bottom of Arretine vase with fabric-stamp in the form of a foot ("5407 CIL" added in handwriting in the report).

7001 Idem. Bottom of Arretine vase with fabric-stamp in the form of a foot ("CIL nr. 5297" added in handwriting in the report).

7002 Idem. Upper part of lamp, form CIL XV, 31 with a crater in the disc and two palms on the rim. L. 0.112.

7003 Ordinary reddish terracotta. Handle of an amphora with a stamp containing the letters *COLCIU*.

7004 Reddish fine-ware. Lamp in the form of fir-cone with ringed grip, fragmented, supported by three legs in the form of fir-cone-scales.

7005 Bronze. Small cast pedestal, quadrangular but only three sides were covered (the fourth was probably meant to stand against a wall). The side opposite the empty side is missing. The pedestal has a large roundel, ogees and a footing. In the upper part there is a hole for some kind of stem. L. 0.115 x 0.056.

7006 Idem. Hemispherical mounting with a long stem. Total l. 0.04.

7007 Idem. Plate with flat bottom or cover of a box. Diam. 0.059 x 0.005.

7008 Iron. Key with ringed grip but completely oxidized. L. 0.055.

7009 Bronze. Thirty-two coins. Four large ones, twenty-two medium-sized and five small ones. Also five small oxidized ones.

7010 Ordinary reddish terracotta. Fragment of decorative tile with egg and dart moulded cornice, parts of scrolls, in midst between these a column, above the cornice. L. 0.105 x 0.117.

Found from February 3 to 8, 1913:

7097 Ordinary reddish terracotta. Fragment of tile with stamp CIL XV, 1435. 129 AD.

7098 Idem. Fragments of tiles with stamp CIL XV,

958a. 123 AD.

7099 Idem. Fragment of tile with stamp CIL XV, 209. 157 AD.

7100 Idem. Fragment of tile with stamp CIL XV, 1006. 93 and 94 and 108.

7101 Idem. Fragment of tile with stamp CIL XV, 103. 123 AD.

7102 Idem. Fragment of tile with stamp CIL XV, 1112. 120 AD.

7103 Idem. Fragment of tile with stamp CIL XV, 811d. 123 AD.

7104 Idem. Fragment of roof-tile with stamp CIL XV, 658a. Middle of first century AD.

7105 Idem. Fragment of tile with stamp CIL XV, 1535.

7106 Idem. Fragment of tile with stamp CIL XV, 1430. 127 AD.

7107 Idem. Fragment of roof-tile with stamp CIL XV, 1407.

7108 Idem. Half a roof-tile with elliptical stamp having at one end a sort of five-pointed star; the rest of the stamp is filled with double X-signs, alternated with stripes.

7109 Idem. Fragment of decorative tile with poorly preserved palmette-motive and scrolls; above these the remains of a cornice. H. 0.15 x 0.1 m.

7110 Neck and rim of amphora of fine reddish terracotta with a three-letter mark on the rim.