PRIVATE BUILDINGS AND THEIR JURIDICAL CONTEXT IN THE
BYZANTINE NEAR EAST

EDIIFICI PRIVATI E LORO CONTESTO GIURIDICO NEL VICINO ORIENTE BIZANTINO

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Abstract:
Private buildings were the object of regulations already in the Law of XII Tablets, and in polis in classical Greece but it is only from the Byzantine period that we have preserved more detailed regulations, both in the imperial constitutions and in local laws from the Near East - Liber Syro-Romanus and, above all, in Julian of Ascalon’s Treatise. The last one is the longest and the most complex collection of rules concentrated exclusively on private buildings and their parts characteristic of the Near Eastern constructions – a courtyard, a flat roof used for many domestic activities, balconies, windows etc. We find there a very detailed description of the regulations concerning construction, renovation and maintenance of the houses and their appurtenances. Thanks to all of these sources we receive an exhaustive picture of the Near East domestic architecture of the Byzantine period in its juridical context.


Riassunto:
Gli edifici privati sono stati oggetto di regolamenti già nelle XII Tavole e nelle polis greche, ma solo dal periodo bizantino sono pervenute a noi le regolamentazioni più dettagliate su questo tema sia nelle costituzioni imperiali sia nelle fonti locali dal Vicino Orientale - Liber Syro-Romanus ed in particolare nel Trattato di Giuliano d’Ascalone. Quest’ultimo è la più lunga e complessa collezione di regole concentrate solo esclusivamente sul tema degli edifici privati e loro giardini, caratteristici nelle costruzioni del Vicino Orientale - il cortile, il tetto piatto utilizzato per tante attività domestiche, balconi, finestre etc. Troviamo molto dettagliate regolamentazioni, riguardanti la costruzione, ristrutturazione e mantenimento delle case. Grazie a tutte queste fonti otteniamo un’ampio panorama dell’architettura domestica nel Vicino Orientale nel periodo bizantino, nel suo contesto giuridico.


We find the first private buildings regulations in the Law of the XII Tablets1 and in the classical Greece (Stela from Thasos - 5th cen. BC2 and text from Pireus - 4th cen.

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1 Tab. 7.1 Obligation to leave a free space of 2, 5 feet around a house; Tab. 10, 9 prohibiting construction of a funeral pile in the distance of 60 feet from the neighbour building.
BC) and later on in the Hellenistic (Pergamon - the Law of The Astynomoi of Pergamon,\(^3\) Egypt - the so called legal code from Hermopolis\(^4\) from 3th cen. BC and Dikaiomata\(^4\) from the same century) and Roman period,\(^6\) but this kind of laws, as usually being compilations of norms concerning many different meters, was only in small part related to private dwellings. Also normally they were concentrated only on particular problems related to the question, like the safety of the buildings with a special reference to the risk of fire or protection of walls, the distance between buildings or their height. Generally, the laws that survived till our times did not concern the technical aspects of the dwellings or particular parts of them. It is only from the Byzantine period that we have preserved more detailed regulations, both in the imperial constitutions (in the fifth and sixth centuries, the central administration shows an increasing interest in private construction\(^7\)) and in local laws from the Near East, which gave as a greater possibility to confront the legal reality with the material testimonies.

As we know, thanks to the archaeological surveys and excavations, private buildings in the Byzantine Near East were characterized generally by the same features as houses in earlier periods in this territory and often the structures from Roman period were continuously used also during the Byzantine times.

The most typical element of the private buildings in ancient Near East was a courtyard, which was an integral part of the house, serving as a space of daily activities such as cooking, baking, eating and also as place for various installations for keeping animals and storing their fodder\(^8\). Because of its character and position Yizhard Hirschfeld\(^9\) proposed a basic division of private dwellings in three main types:

- the simple house - a house built at one side of the courtyard;
- the complex house - a house consisting of dwelling units and various wings arranged around part of the courtyard;


\(^{4}\) MATTHA Girgis. The demotic legal code of Hermopolis West. Cairo 1975. Greek version of this demotic text is known from 2th cen. AD and published by John Rea in P. Oxy. 3285.


\(^{6}\) STRABO 5. 3. 7, TACITUS. Ann. XV, 43, D. 8,2,14; Senatusconsultum Hosidianum (44 AD), Senatusconsultum Volusianum (56 AD); Senatusconsultum Acilianum (212AD ), constitutions of imperators mentioned in the Codex Justinianus - Justinian’s Code (C.8.10.12 - Vespasian, C. 8.10.1 - Traian)


the courtyard house - a house built around an enclosed inner courtyard.

1. The Simple House - is the most basic and commonly found type, consisting of a one- or more roomed structure built either behind or in front of an open courtyard. Usually their had one or two storeys, but their might be, in spite of the name, of big sizes and of very good quality. A good example of this type can be found at Horvat Susiya (southeast of Hebron, 6-8th cent; one story, with a courtyard on the east, fig. 1), Horvat Kanaf (Galilea, 5-6th. cent., fig. 2) or Horvat Shema (4-5th. cent., two-storied, fig. 3).

- The sub-type of the simple house is the two-wings house with two perpendicular wings, usually built in the northern part of the courtyard (ex. Nahal ha-Ro’a, 5-7th. cen., fig. 4).

- Another variant of this simple house is the tower-like house found usually in isolated areas - a narrow structured dwelling with at least two or tree stories with the courtyard almost always set alongside the house.

The Complex House - a house consisting of dwelling units and various wings arranged around part of the courtyard. This type is often an extension of the simple house through the addition of new wings or dwellings units built around three or more sides of the originally outer courtyard.

This type may be divided into two groups:

- an urban apartment house, belonging to different families that shared the same courtyard, and as name shows being typical for urban spaces. This type was created by the construction of adjoining dwelling units around a common courtyard, examples of which we can find at Um el-Jimal (Hauran, 2-3th cen., inhabited to the end of the Byzantine period.); Pella - large complex apartment house (7-8th) with two courtyards and three entrances from the street (fig. 5); Gerasa (7-8th) house composed of 5-6 separate dwellings units belonging to families that shared the same courtyard (fig. 6).

- a rural farmhouse, tipical for rural settlement, was composed of several dwelling units and wings built around a central courtyard. Many farmhouse were gradually expanded from a simple-type structure to a more complex through the addition of new wings, storerooms around the central courtyard, the best example of which is the building A at Kafr Nassej (Hauran, fig. 7) - originally built in the Roman period as a simple-type house and later on enlarged through the addition of residential and services wings around the courtyard.
The Courtyard House - a house built around an enclosed inner courtyard, surrounded on all four sides by the wings of the dwelling structure, giving in the urban areas (for which it is typical) the possibility of maximum utilization of urban space. It is distinguished from the complex-type house by clear architectural planning and, in contrast to it, it has not gradually developed from an original, small dwellings, but was constructed around an inner courtyard from the beginning\(^{10}\).

This type may also be divided into two groups:

- a house with an inner courtyard without columns, which represents the continuity of an ancient local tradition. The examples of this type can be usually found in the city, e.g. the courtyard house of the Temple Mount in Jerusalem from 5-7th cen. (fig. 8) with the balcony opened to the courtyard; twin courtyard houses (A and B) at Khorazin (fig. 9) in the center of the city belonged to the wealthy landowners (5-7th); Pella (eastern side of Jordan River) - several courtyard houses from 4-5th cen. A few examples were discovered in the rural settlements, like Shivta - Pool house (fig. 10) form 5-7th cent. or Byzantine villa (6th-7th) at Ramat Handavi at the southern edge of Mount Carmel.

- a house with an inner courtyard with columns (also known as the atrium or peristyle house), which reflects the architectural traditions of the Greek-Roman culture. We find examples of them first of all in big, prosperous cities in Near East, with a visible influence of the Greek-Roman tradition, like Palmyra (house of Achille and Cassiopea - 3 th\(^{11}\) or building F (fig. 11) - 2-8th\(^{12}\), building 39, 38 or 45\(^{13}\), Antiochia, Apamea (la Maison aux aux Consoles\(^{14}\), Gerasa (maison dite „de la mosquee omayyade” from the Late Antiquity, fig. 12)\(^{15}\) or Jerusalem\(^{16}\) (4-5th cen., fig. 13).

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Fig. 1. Plan and reconstruction of a house at Horvat Susiya.
Fig. 2. Plan and reconstruction of a house at Horvat Kanaf.

Fig. 3. Plan and reconstruction of a house at Horvat Shema.
Fig. 4. Plan of two-winged house at Nahal ha-Ro’a.

Fig. 5. Plan of an apartment house at Pella.
Fig. 6. Plan of an apartment house at Gerasa.

Fig. 7. Plan of Building A at Kafr Nassej.
Fig. 8. Reconstruction of a courtyard house at Jerusalem.

Fig. 9. Plan of the central courtyard houses at Khorazin.
Fig. 10. Plan and section of the „Pool House” at Shivta.

Fig. 11. Reconstruction of the building F at Palmyra.
Fig. 12. Plan of the maison dite „de la mosquee omayyade” at Gerasa.

Fig. 13. Plan and reconstructed section of peristyle house at Jerusalem.
Houses of the courtyard-type were generally typical for urban spaces and houses of the simple-type usually were characteristic for rural settlements, but in this period the distinction between urban and rural areas was not always clear, so we frequently find courtyard-type houses in small towns and even villages. In rural areas, buildings with inner courtyard were almost exclusively villas of wealthy families\(^\text{17}\). Generally we can find more examples of domestic architecture in village settlements then in cities, except Palmyra, Dura Europos and Apamea, where excavations have been conducted.\(^\text{18}\)

Another characteristic feature of houses in the Byzantine Near East was the presence of usually flat roof surrounded by balustrades (with an exception of dwellings in limestone massif in northern Syria, which had tiled gabled roofs\(^\text{19}\)), which was used for daily activities and can be seen as a direct extension of the courtyard area.\(^\text{20}\)

The windows of houses were usually built in the upper parts of the walls and they tended to be few and small in size.\(^\text{21}\)

As far as the number of stories is concerned, many dwellings were one or two-storied. In the latter case usually the lower story was used for service installations (including stables) and the upper story was used for living quarters.\(^\text{22}\) But the possibility of existence of higher dwellings in the Near East is confirmed by some archaeological remains (building number II at Mampsis) and also by literary sources. Libanios informs as about presence of three-storied dwellings in Antiochia\(^\text{23}\) and Jewish sources mentioned buildings in the cities which had three or even five levels.\(^\text{24}\)

About which elements of Byzantine Near East houses do we have information from legal sources?

I will begin with the imperial constitutions. Still in the *Codex Theodosianus* from 438 AD we do not find any specific chapter about private buildings and there are only same points about this in the sections concerning public works and water supply (C. Th. 15, 1-2),\(^\text{25}\) but with limitation to the problem of the distance between buildings.\(^\text{26}\) In

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\(^{23}\) LIBANIOS. *Oratio* 11. 225.


\(^{25}\) SALIOU Catherine. The Byzantine House, p. 200.

\(^{26}\) C. Th. 15,1,4 *Omnis intra centum pedes vicinitas, quantum ad horrea pertinent, arceatur ac, si quid constructum fuerit, diruatur, quoniam experimentis nuprermis palam factum est aedificiorum quae horreis adhaerebant, incendii fiscales copias laborasse.*
contrast, in the codex of Justinian (534) there is a specific title concerning private buildings (C. 8.10. De aedificis privatis) consisting of 14 constitutions. The most important of them is the law of Zeno (C. 8.10.12) concerning urban constructions in Constantinople, emanated between 476 and 479\textsuperscript{27} (which refers to the constitution of Leo enacted probably after the fire of Constantinopol in 462 and containing rules for the reconstruction of the city, which we know through an allusion made to it, in the law of Zeno), which concerns on the one hand typical problems as the distance between buildings (prescribed for 12 or 10 feet), and on the other new ones, much more technical then even before, which show the reality of those times. We find there regulation of the construction of balconies\textsuperscript{28} - the space between them should be equal to 10 feet (fig. 14), they should be built of good masonry and access from the street to the balconies across exterior stairs was prohibited. Introduced is also the typology of windows\textsuperscript{29} (the panoramic one from which one can hang on (θυρὶς παρακυπτική) and the light hole, which is a high level window, 6 feet above the floor (φωταγωγός), the regulation of the view and light protection,\textsuperscript{30} as well as the arrangement of the shops along the main streets.\textsuperscript{31} Emperor Justinian decided in year 531 to extend this law to the whole Empire (C. 8.10.13). Justinian, himself, promulgated two novels concerning the view protection, which were complementary to Zeno’s Law (Nov. 63 (538) and Nov. 165 (date unknown).

![Fig. 14. Distance between balconies according to the constitution of Zeno.](image-url)


\textsuperscript{28} C. 8.10.12. 5

\textsuperscript{29} C. 8.10. 12.2

\textsuperscript{30} C. 8.10.12. 4-4a

\textsuperscript{31} C. 8.10.12. 6-6c
Also later one, in 9th century we have imperial constitutions and compilations related to private dwellings, even if, obviously their were not any more in force in the Near East, but their show the century-long continuity of this kind of regulations. Leo VI the Philosopher (866-912, emperor form 886) enacted two Novels concerning private housing. Nov. 71 prescribes a minimal distance between two buildings in rural context (two arrowshots from the boundary of the neighboring land) and Nov. 113 establishes the distance of 10 feet between a balcony and the neighbouring building. Also in the Basilics (a digest of laws began by the Byzantine emperor Basilius in 867, and completed by his son Leo, the philosopher, in 880) their is 58th book dedicated to neighbourship and private building and in the title 11 of this book is repeated title 10th of Book 8th of the Codex of Justinian with addition of Nov. 63 and 165 of Justininan, and the Nov. 71 of Leo VI.32

As important in subject of private buildings, as imperial constitutions, if even not more, because of their regional character, are local sources from the Byzantine near East. First of them is the Liber Syro-Romanus33 - the legal compilation written originally in Greek (known to us from the translation into the sirian, arabic and aramaic) in the 5th century, probably in Beirut. It deals primarily with the law of family, slavery and inheritance and only with few problems of the private buildings – types of windows, division of construction and repair costs.34

The most important source in the matter of private buildings is Julian of Ascalon’s Treatise35 written at the end of 5th or during the 6th century AD by an architect called Julian and preserved to us through the manuscript tradition, as making part of Eparcikon Biblion36 (collection of laws concerning trade and industry from 912) and Hexabiblos of Harmenopulos from Thessalonic (1345) and which text was reconstructed

32 SALIOU Catherine. The Byzantine House, p. 201.
34 § 98 about division of costs in case of use of already existed wall to the construction of new building (owner of new house had to pay 1/2 of the costs) or in the case of repair of the stories of existing building (owner of every floor bears costs of repair of his floor and everyone participated in proportional way in costs of repair of ground floor).
§ 120 Obligation to keep the distance of 2 cubits form the neighbour wall. Enumeration of three categories of windows: window wide 1 cubit, double window (2 cubits wide) and high „ceiling” window, with different regulations of the distance between the buildings depending on their location on the ground flour or first flour.
by Caterin Saliou\textsuperscript{37}. It is the longest and the most complex collection of rules concentrated exclusively on private buildings and their parts characteristic of the Near Eastern constructions – a courtyard, a flat roof used for many domestic activities, balconies, windows etc., where we can find a very detailed description of the regulations concerning construction, renovation and maintenance of the houses and their appurtenances.

This work is divided in parts on the basis of four elements:

- fire (§ 3–15) - prescribes the distances between houses and different types of workshops (therms, bakery, klin, lime furnace)
- air (§16–39) concerns many different questions, like the distance between buildings and balconies, opening of windows and doors, replacement of structural elements (columns, pillars), the division of construction and renovation costs among owners of different floors, use of flat roofs and construction of superstructures on them and much more
- water (§ 40–46) - regulates matters concerning water and water-installations like cisterns, canals and distance between them and neighbouring buildings
- earth (§ 47–51) - concerning earthworks and planting also with distances prescribed between this kind of works and private buildings.

At the end there is a small paragraph related to the protection of view (§ 52–56) on the see, gardens and trees, public paintings and mountains.

According to the Julian of Ascalon’s treaties, houses in the Palestine might be one, two, three or four stories buildings (§ 33–35) organized around a central courtyard (§ 24, 38), with a flat roof (§ 32). Their facades might be decorated with pilasters (§ 23), columns or balconies (§ 25). This picture agrees with our general knowledge about the domestic architecture in the Near East, based on archaeological remains.

Due to its local and technical features, the book of Julian is a very informative source for housing in Palestine during the Late Antiquity, and it complements the archaeological data\textsuperscript{38} in much more complex way then other sources we know, but generally thanks to all of these sources - both imperial and local one, we receive an exhaustive picture of the Near East domestic architecture of the Byzantine period in its juridical context.

\textsuperscript{37} SALIOU Catherine. Le traite d’urbanisme de Julien d’Ascalon, Paris 1996.

\textsuperscript{38} SALIOU Catherine. The Byzantine House, p. 201.
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