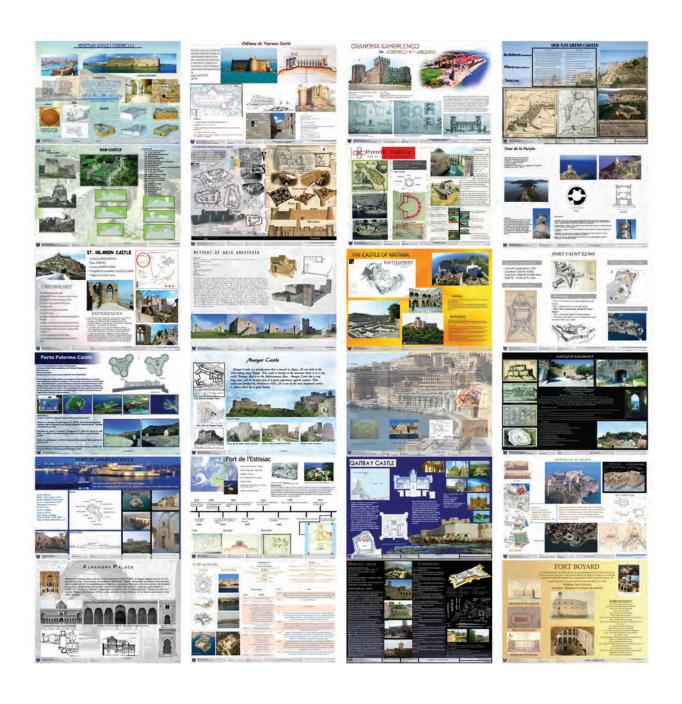
MODERN AGE FORTIFICATIONS OF THE MEDITERRANEAN COAST: EXHIBITION CATALOGUE

Alessandro CAMIZ, Giorgio VERDIANI





MODERN AGE FORTIFICATIONS OF THE MEDITERRANEAN COAST: EXHIBITION CATALOGUE

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FORTMED 2016, FIRENZE

Modern Age Fortifications of the Mediterranean Coast: exhibition catalogue

© Curatori / Editors

Alessandro Camiz, Giorgio Verdiani

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FORTMED - Modern Age Fortifications of the Mediterranean Coast, Florence, November 10th, 11th, 12th 2016

A new manifesto of Modern Architecture

Alessandro Camiz

"L'enseignement constitue en effet la pierre de touche de l'histoire comme connaissance."

finalised to the understanding of the horizontal

L Le Goff

This publication presents a selection of the posters designed by the students of the course entitled History of modern architecture (Arc142) that I taught in the spring semester 2016 at the Faculty of Architecture, Design & Fine Arts of Girne American University. Given the limited space available at for the exhibition of these posters, out of 248 posters we selected only 69, avoiding repetition of the same subject and preferring those bearing high quality in graphic design and presenting contents without big mistakes. Al the selected posters are therefore acceptable to be shown in the prestigious venue at the Faculty of Architecture of the University of Florence and published in this catalogue.

The course: History of Modern Architecture

The course, History of Modern Architecture, introduced students to the knowledge of history of architecture, from the late middle ages to modern times. We asked each student to select a case study, in accordance with the FORTMED 2016 conference topic, Modern Age Fortifications of the Mediterranean coast. Our university hosts students coming mostly from Turkey and middle-eastern countries it was therefore an interesting experiment to guide them through the understanding of an important part of history, by analysing the castles, the city walls and towers of their home towns. Some students selected examples from their countries, others selected works from Cyprus, the country where they are currently attending the bachelor in Architecture or in Interior Architecture, others instead selected works on the base of the availability of information and drawings. We asked all the students to select a case study filling in an online Google-spreadsheet, so to avoid duplicates of the same subject. The case study selection using an online list was the first assignment for the class. The exercise was

organisation of a cooperative research group. The experiment was successful and the students selected 248 different case studies of modern fortifications, constituting a research database with basic information, such as the name of the building, the place, construction year, the height on sea level, the designer, and the geographical coordinates. Some restraints were given to the class for the case study selection: it had to be a military architecture, it had to be built after 1492, it had to be on the Mediterranean. Students were aware that the course was following the requests of an International Conference, and we invited them all to continue their work to be presented as an abstract for papers at the conference. Six of them did and quite successfully are today presenting their paper here in the conference. I would like to name them, thanking for their efforts in this research: Siepan Ismail Khalil, Sara Cansu Demir, Seda Baydur, Göksu Atmaca, Hande Kozan, Ibrahim Suleiman. Alessandro Bruccoleri and Hassina Nafa, both Ph.D. candidates and lecturers at the Faculty of Architecture, Design & Fine Arts of Girne American University, joined later these three groups of students helping with the organisation of the research and the editing of the manuscripts, I would like here to thank them as well. We asked to all the students of the course were to conduct a research on the selected case study. In subsequent steps, they presented the plan, the section and the elevation of the chosen architecture, and a list of references. Then we requested them to write a 100 years chronology with the building as a centre point, and including a list of events in the 50 years after and before the building, including other military architectures, the publication of treatises on military architecture, and literature, art and political events in the



Giacomo Barozzi, Regola delli cinque ordini d'architettura con la nuva (sic!) agionta di Michelangelo Buonaroti di carte sette, apresso Francesco de Pauli, Roma 1630. Frontispiece.

same area or the selected case study. We asked the students to write a short essay describing the artefact, and comparing it with other military architectures taken from the main research database they could access on line, and finally they presented their research in a poster for the final exam.

The functional character of military architecture

The historical thesis that lies behind the course, and therefore behind the exhibition, is that Modern Architecture begins in the XV century in Italy and not in the XX century in England as generally acknowledged. It is generally accepted that Modern history starts in the XV century, usually the date of 1492 is used as a milestone for its beginning, so it is difficult to explain why architecture should follow a

different periodization in time. What begins in the XX century is modernism not modernity. Modernity is the consequence of a different way of thinking and organising knowledge, it does reflect directly in architecture with the definition "alla moderna" introduced in this time. In military architecture the necessity to redefine the defence in accordance with the new assault techniques that followed the introduction of gunpowder, is the cause of the modern revolution. But what origins in military architecture at the beginning of the XV century, includes the concepts of rationality, function, economy, site, optimisation, that evidently enter in the domain of architecture way before the statements of the modern transformed them movements into ideological manifesto. It is in these fortified structures that we find for the first time in history an attempt to define scientifically,



Michelangelo Buonarroti, Study for the elevation of Porta Pia, (1561 ca), Rome, Drawing n. 102 Ar, Casa Buonarroti, Firenze.

devoid of stylistic references to the past, the discipline of architectural composition. Based on the necessity for the form to solve problems, in this case defence problems, and not only to symbolise something. The architecture that emerges from the examples illustrated in this catalogue offers a wide panorama on modern architecture in the Mediterranean, another type of modern architecture that we can use today to reinstate modernity instead of discontinuing it as postmodernism did. The attention to the function of the building, the use of local materials, the importance of the site, the use of thick an powerful masonry structures, the inclusion and modification of former buildings in the new architecture, are some of the characters that emerge from the analysis of the case studies presented. Could these be taken as a new manifesto of modern architecture?

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Discovering old places, referencing new ideas

Giorgio Verdiani

"The only true voyage of discovery, the only fountain of Eternal Youth, would be not to visit strange lands but to possess other eyes, to behold the universe through the eyes of another, of a hundred others, to behold the hundred universes that each of them beholds, that each of them is"

Marcel Proust

The Built Heritage of the Mediterranean coasts offers a rare and complex system of traces, of relevant elements, of rich constructions embedded in a wonderful landscape.

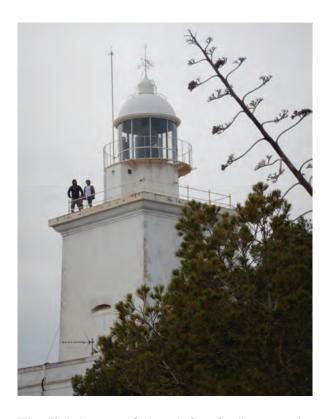
The intense feelings produced by the sea, the strong fascination raised by the historical and legendary stories, create a very specific and irresistible mood. The mix of many traces may looks, sometimes chaotic, the recent expansion of the townscape, the saturation of large areas and the poor architectural beauty of many new building seem to greatly reduce the possibility in having a clear perception of the original value of this territory. But the powerful message of a tower, the majestic presence of a fortress, are often capable to protect the beauty of place, apparently keeping away improper transformations and preserving a wonderful environment made of human and natural transformations. like it may be seen for the St, Nicholas fortress in Sibenik, Dalmatia, built in the middle of the XVI century. Or at least this feature seems to exist just for the most robust and large and, in the end, lucky of these structures. It happens, just to extract some examples, for the Fortress of Taranto Aragon in Italy, developed starting from 1486 and still in place, or the Fort of San Lucian in Marsaxlokk, Malta, built from the 1610. At the same time there is a large set of fortifications and settlements that have to left their original asset after a rapid or slow siege of new constructions and new urban and/or touristic needs. The many towers incorporated in new urban blocks or even changed into apartments are a clear sign of this defeating of the ancient defensive system. Torrenostra in Torrenostra, Castellón, Spain is a clear sample of this odd conversion and transformation, of this living a previous condition to move into the new urban fabric and being transformed. A large number of samples

from Italy and Spain shows these behaviours that somehow "preserve" the building keeping it alive, avoiding its destruction, but at the same time transforms and obliterate many specific aspects. A significant case can be found in the lighthouse of the *Cabo de Santa Pola*, former the Atalayola tower, near Alicante, Spain, changed into a lighthouse and still working at the safety of the maritime routes. For sure a better destiny for these architectures than been used as a quarry of materials and then falling into pieces.

Discovering back the value of these buildings is always worth the effort, understanding the importance of those signs is a significant passage, it teaches about architecture, it teaches about landscape, it teaches about how to create relationship between two very complex design environments.

Approaching a tower, a fortress, a defensive settlement, is a learning experience, it can be done in place, on books and online, using the articulated set of digital resources and always developing a better knowledge about a place, an architecture, a relationship between defensive aims and construction science.

The subject of the defensive architectures is always fascinating, the strength of the story, of the reason why these architectures have been built, capture the attention and promise a special satisfactory price to all the scholars, students and researchers involved in their personal encounter with this particular built heritage. For this reason, the experience presented here, with its selection of architectural wonders from so many places around the Mediterranean, is not only a catalogue of interesting and rich pieces, but it is a set of meaningful steps in the fields of our past and in a very specific understanding of architecture and its



The lighthouse of the *Cabo de Santa Pola*, former the Atalayola tower, Spain.

relationship with the environment. So, it may not be very important how complete, how detailed and accurate, or based on absolutely original representations are the drawings, the models, the texts, the operation of entering the "discover" of a place is a first and important step toward the understanding of architecture of building construction and of defensive techniques. To go in depth in the knowledge of places like those presented in these studies, it is asked to understand the robust link between the needs, the technologies, the social and cultural behaviours of their time, it is asked to completely realize that each architecture is first of all an expression of its own time. And obviously this is not an exclusive of the ancient times, it is a continuous rule. In a certain sense, an architecture of the past, an architecture of the future really does not exist, the only existing architecture is the architecture of the present time. A manifestation of layered decisions of articulated mix of choices, a set of opportunities and twists of fate. An architecture can start in its own environment, it took parts from it, it exploited it and changed it, but it will be changed by the changes, it will face fast transformations, but to the eyes of an acute observer it will show the rich articulation of all the events. It will demonstrate how variable and ever-changing

is the landscape and the environment in itself, an island can be changed into peninsula, like it happened in Tabarka, along the Tunis coast, with its Genoese walled city, destroyed in 1741 after an order of the Tunis Bey in the try to avoid any further stranger presence after the Tabarkinian diaspora. A small river or a source of fresh water can get dry, or the seaside can extend its border where before there was only the sea. The towers and the castles show now themselves in the environment of our time, the capacity to recognize the original asset of the territory, the possible changes happened in the surrounding area, are a way to investigate and better understand not only the past story of an area, but also to have some suggestion about what will be its future evolution.

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List of the poster authors and of the subjects

ADNAN ILTER; Ram Castle, Veliko Gradište, Serbia;

AHMAD ALTALA; Krak Des Chevaliers, Homs, Syria;

AHMED MOHAMED ALI ABU ANZA; Ferretti battery, Qajjenza, Malta

AHMED NAWZAD SALAM; Tour de la Parata, Ajaccio, Corsica, France;

AHMET DEMIR; St. Hilarion Castle, Kyrenia, TRNC (Cyprus);

ANIL EREN; Metochi of Agia Anastasia, Thermaikos, Greece;

AYAH AL MOKDAD; Martgat Castle, Baniyas, Syria

BAGZAD AZAD SHAREEF SHAREEF; Fort Chambray, Ghainsielem, Gozo, Malta

BEGÜM KIROGLU; Rocca di Mondavio, Marche, Italy

BERFIN BUKAN; Old Navarino Castle, Pylos, Greece

BURAK AYGÖREN; Lascaris Battery, Valletta, Malta

ÇAGATAY LEVENTERLER; Castle of Zarnata, Campos, Greece

CEREN SEN; Kalamata Castle, Kalamata, Greece

CEYDA OFLAZ; Fort Boyard, Petruis d'Antioche, France

DAMLA ALKAN; Fort St. Angelo Castle, Birgu, Malta

DERYA ATES; Fort de l'Estissac, Port-Cros, France

DIAKO RASOULI; Qaitbay Castle, Alexandria, Egypt

DILAY SARI; Torrelobatón Castle, Torrelobatón, Spain

DINARA NURMATOVA; Castello di Gaeta, Gaeta, Italy

DOAA AHMAD BAHLOL; Alhambra, Granada, Spain

EYLAF MOHAMED ELDAW ABUNA; Fort Manoel, Gzira, Malta

FEYZA ÜN; Montjuic Castle, Barcellona, Spain

FURKAN SAHIN; Royal citadel, Plymouth, UK

GONCA GÜL; Castel Nuovo, Naples, Italy

HABIBE BOZOGLU; Eilean Donan Castle, Dorne, UK

HALIL MERT TUGRAL; Bellver Castle, Palma, Spain

HAMIYE GÜRSOY; Sirmione Castle, Sirmione, Italy

HARRY JAKE WADSWORTH; Carcassonne city walls, Carcassonne, France

HASAN BERKAY KILIÇ; Fort Mosta, Mosta, Malta

HAZAL OKUMUS; Fort Tigné, Sliema, Malta

HELIN KARACA; Castle of La Luz, Las Palmas, Gran Canarias, Spain

HEMRA ARZYMEDOV; Fort Chikly, Lake of Tunis, Tunisia

IPEK AKYILDIZ; Sidon Sea Castle, Sidon, Lebanon

KAAN BENLI; Neratzia Castle, Kos, Greece

KAAN KIRIK; Bourtzi fortess, Nafplio, Greece

KEVSER YAVUZYIGIT; Camber Castle, Rye, UK

KUBILAY BAHADIR; Fort du Portalet, Pyrénées-Atlantiques, France

LETHUKUTHULA VUYOLWETHU SIBANDA; Tour Royale, Tolon, France; 1;

LEYAN WA'EL BASHIR AL ZU'BI; Koules fortess, Heraklion, Crete

MEHMET TINER; Dubronvik walls, Croatia

MEHMET YESILDAL; Rhodes fortifications, Rhodes, Greece

MERVE HANDE KOZAN, Famagusta city walls, Famagusta TRNC (Cyprus)

IBRAHIM JAMAL MOHD SLEIMAN; Famagusta city walls, Famagusta TRNC (Cyprus)

MERVE YAVUZYIGIT; Chateau de Taureau, Baie de Moraix, France

MESUT BINER; City walls, Dubrovnik, Croatia

MHD ASAAD ALKABBANI; Damascus citadel, Damascus, Syria

MONA ALCHEHADEH; Fort St. Elmo, Valletta, Malta

MUHAMMED GÜNDOGAN; Othello Castle, Famagusta, TRNC (Cyprus)

MUNTHER IBRAHIM MAHMOUD RUSTUM; Fort Louvois, Louvois islet, France

NARISTE IBRAEVA; Château d'If, Frioul arcipelago, France

NEVZAT YILDIZ; Kilitbahir Castle, Dardanelles, Turkey

NEZIRCAN MÜDERRIS; Forte Stella, Porto Ercole, Italy

NICHOLAS IBRAHIM; Fort Lupin, Saint nazaire-sur-Charente, France

OGULCAN VURUSAN; Fort Ricasoli, Kalkara, Malta

ÖMER MUSTAFA CAN; Gradina Camerlengo, Trogir, Croazia

ONUR DEDEOGLU; Grivas Castle, Aktio-Vonitsa, Greece

ÖZGÜR ÇELIK; Maiden's Castle, Mersin, Turkey

RANJEETH PALANISAMY; Cottonera Lines, Cospicua and Birgu, Malta

SAMET KARATAS; Pantocrator Castle, Preveza, Greece

SARA CANSU DEMİR, SIEPAN ISMAIL KHALIL; Kyrenia Castle, Girne, TRCN (Cyprus)

SEHRAZAT TILBE DÜZEL; El Badi Castle, Ksibat Nhass, Morocco

SELCAN KILINÇARSLAN; Roumeri Hissal, Istambul, Turkey

SELIN ÖZBILGIN; Aragonese Castle, Taranto, Italy

SERIFE KOYUNCU; Palamidi Castle, Nafplion, Greece

SEVVAL ACAR; Fort San Lucian, Marsaxlokk, Malta

SHEIDA MOHAMMADI; St. Nicholas Fortress, Šibenik, Croatia?

SOHEIL GHEZELAYAGH; St. Thomas Tower, Marsaskala, Malta

SURAN NOORI ISMAIL ISMAIL; Vèrres Castle, Vèrres, Val d'Aosta, Italy

VOLKAN OZAN BASTAN; Porto Palermo Castle, Himarë, Albania

YUDUM ÜLMEN; Pahos Castle, Paphos, Cyprus

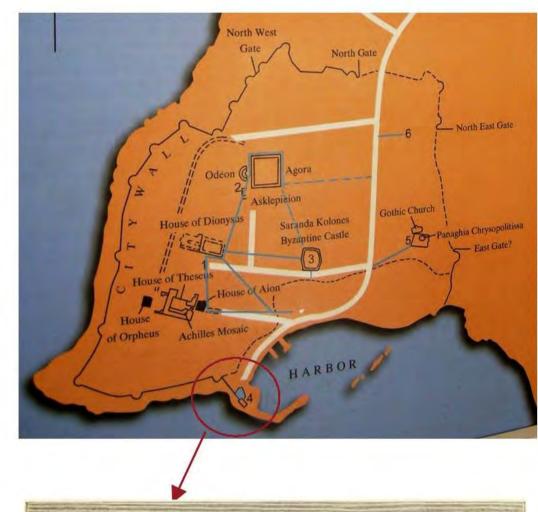
Poster selection

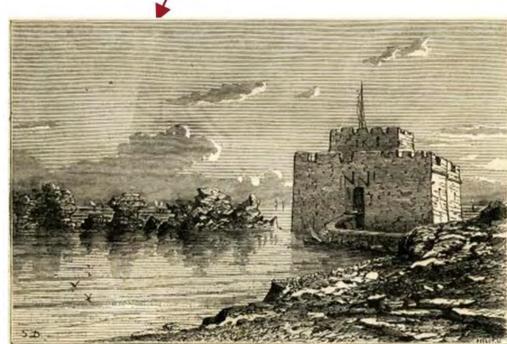
PAPHOS CASTLE (cyprus)

Information About Castle:

It was originally built as a Byzantine fort to protect the harbour. It was then rebuilt by the Lusignans in the thirteenth century after being destroyed in the earthquake of 1222. In 1570 it was dismantled by the Venetians. After capturing the island, the Ottomans restored and strengthened it. Throughout the ages it has seen many uses. It has served as a fortress, a prison and even a warehouse for salt during the British occupation of the island. More recently the castle serves as a backdrop to the annual open air Paphos cultural festival which takes place in September.

It was declared a listed building in 1935 and represents one of the most distinctive landmarks of the city of Paphos. Several archaeological excavations have taken place to investigate its past



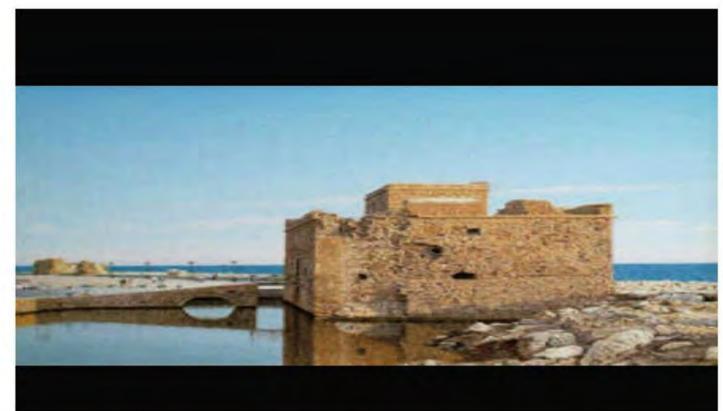


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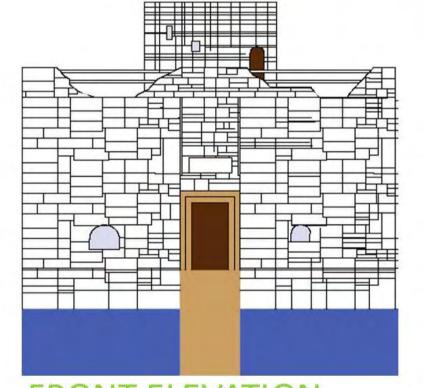


LOCATION AND MASTERPLAN:

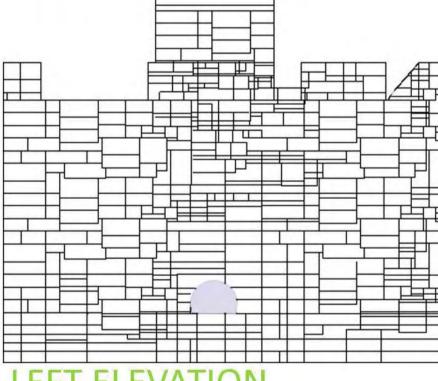


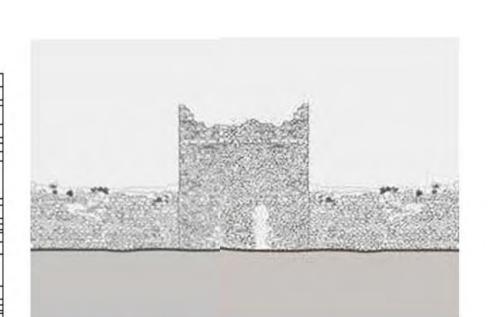


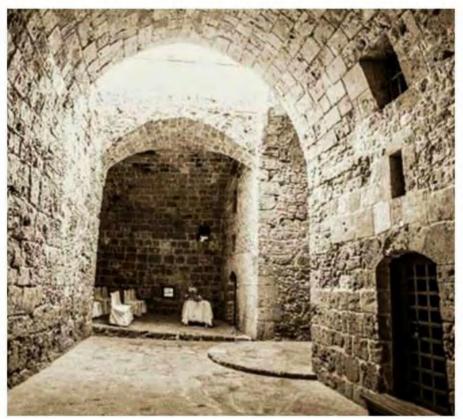
ELEVATIONS OF THE CASTLE:





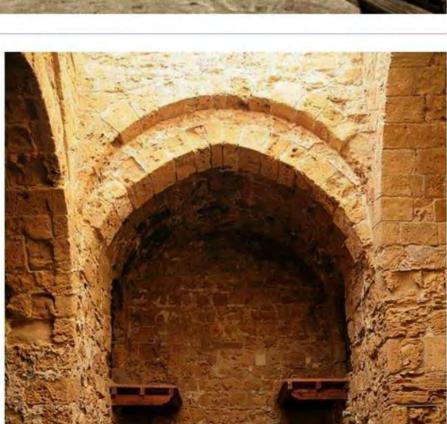






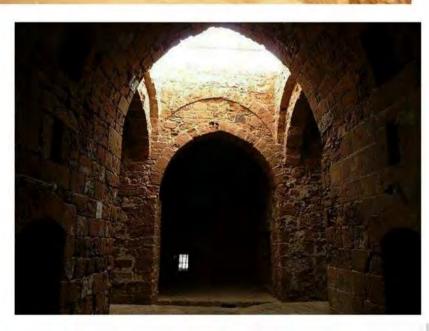
PICTURES OF IN OF THE CASTLE:

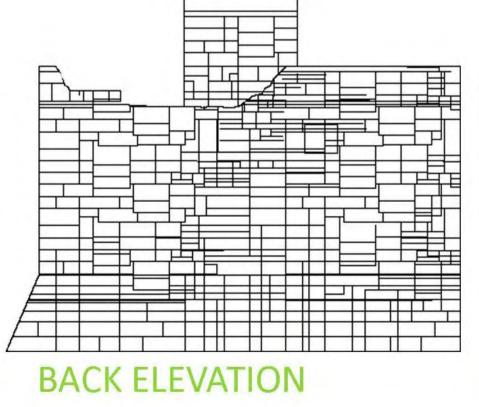
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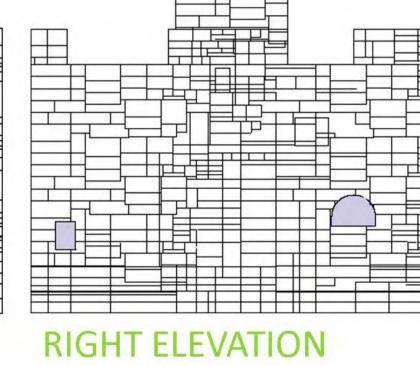
















Instructor

Asst. Prof. Dr. Alessandro Camiz

110303097 Yudum ÜLMEN

NAME OF PROJECT | LOCATION OF PROJECT OTHER NECESSARY INFORMATION URBAN REGENERATION

serial number / web-site address / contact information (if applicable)

FORTE STELLA

PHOTOS ABOUT RESTORATION

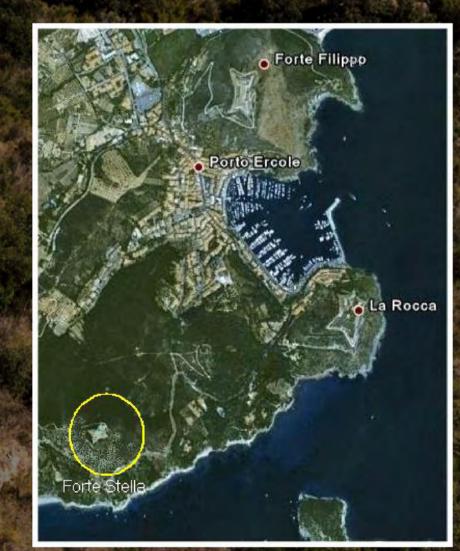


The superintendent of Siena
by the architect Nicoletta Urbini
guide Maioli, completed the work
in 2001 and sponsored by the City
of Monte Argentario, a complete
publication of the details of the work
is available at the ticket office of the
fortress along with other publications
related.

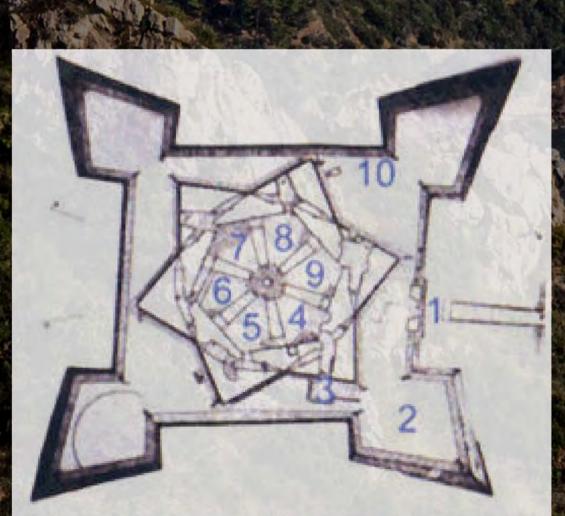
The coats of arms which were originally located at the entrance, now located inside the structure after restoration.

-TOP VIEW

-LOCATION



-CASTLE PLAN



-Information about Forte Stella

Location / Italy

Place / Porto Ercole

Built by / Spaniards

Date / Sixteenth centuary

Cordinates / 42° 23 5.41 N, 11° 11 56.22 E

ABSTRACT/

Forte Stella is a complex defensive systeamForte Stella is part of a complex defensive system, link in a chain of impressive military structures that was owned by a Spanish bastion called State Of Deans. for the defensive systeam they made too much rostaration

CHRONOLOGY/ 1494

1494/ First Italian war begin marking the first major battle.

1498/The first Italian wars end ina victory forleage venice.

1499/ Second Italian war begins.

1504/ Second Italian war ends in a spanish victory

1551/Last Itlian war begins

1559/ Peace treaty signed between Henry of France

17741/Antonio Vivaldi dies of injection during the night



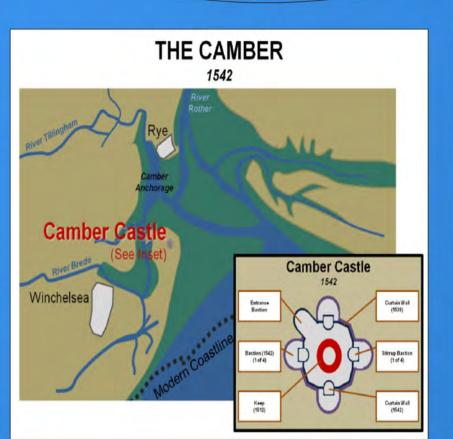
GIRNE AMERICAN UNIVERSITY
FACULTY OF ARCHITECTURE, DESIGN & FINE ARTS
DEPARTMENT OF ARCHITECTURE
ARC142 | HISTORY OF MODERN ARCHITECTURE | SPRING 2016

ALESSANDRO CAMIZ

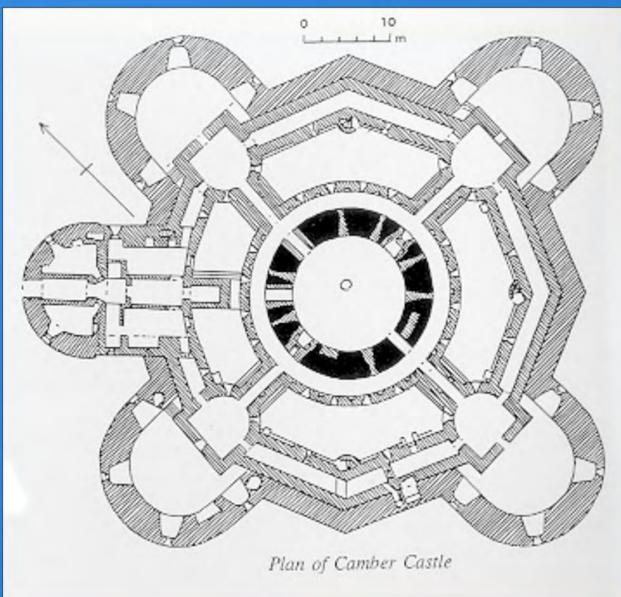
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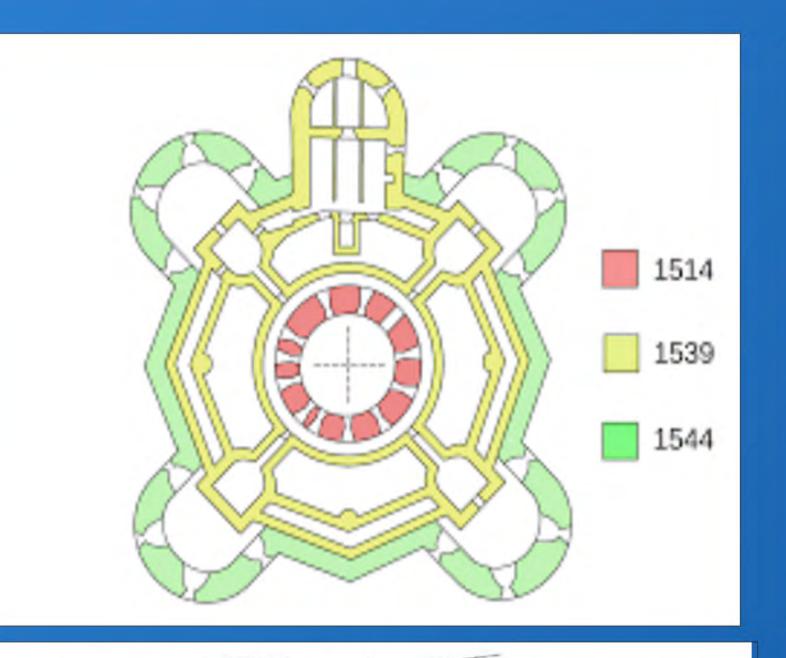
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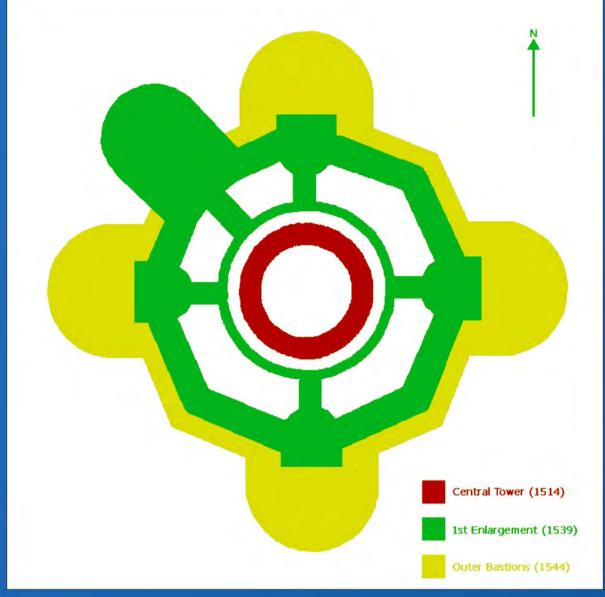
CAMBER CASTLE



Height on sea level: 23







Nikola Cambi, built a castle on an islet to protect (only one in Kaštela), making it easily defensible.

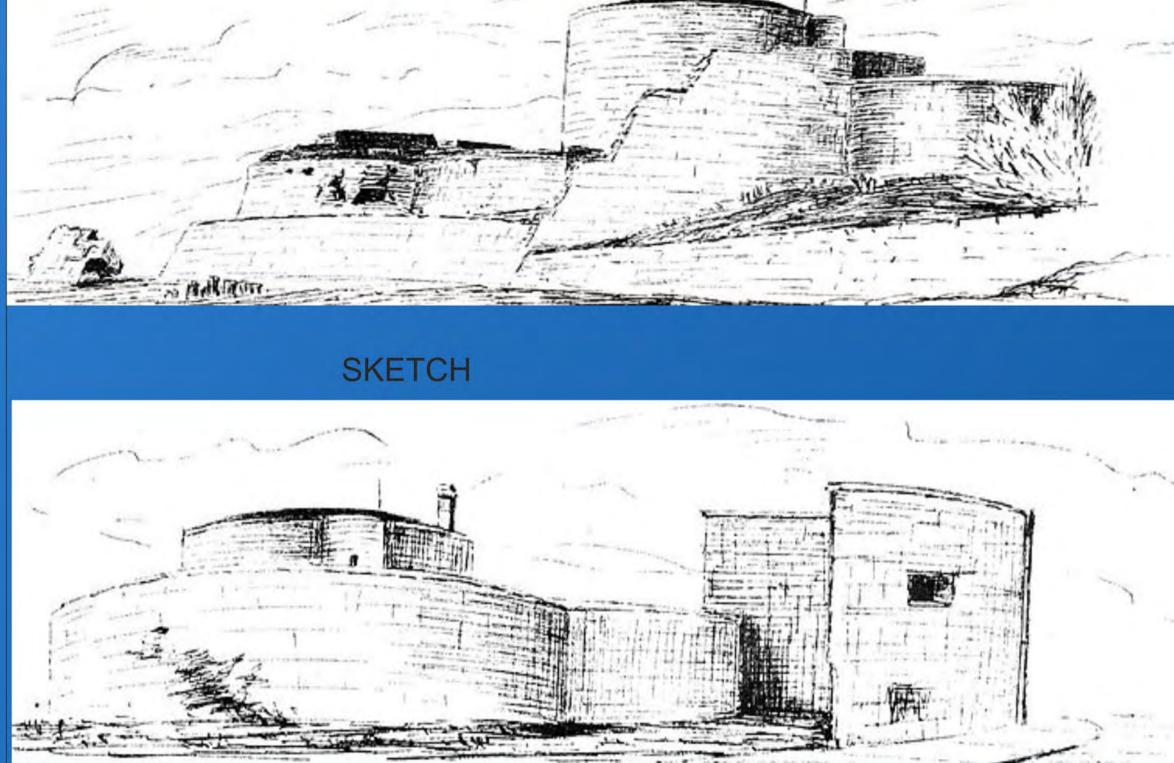


BIRD'S EYE VIEW

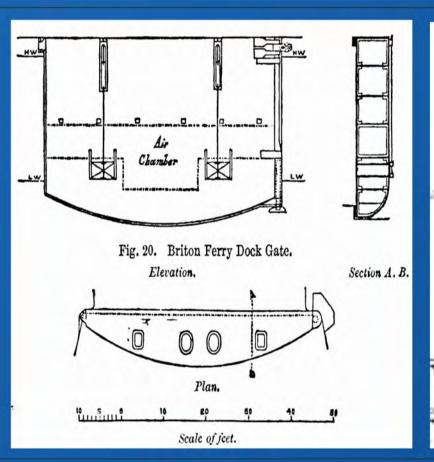
DESCRIPTION

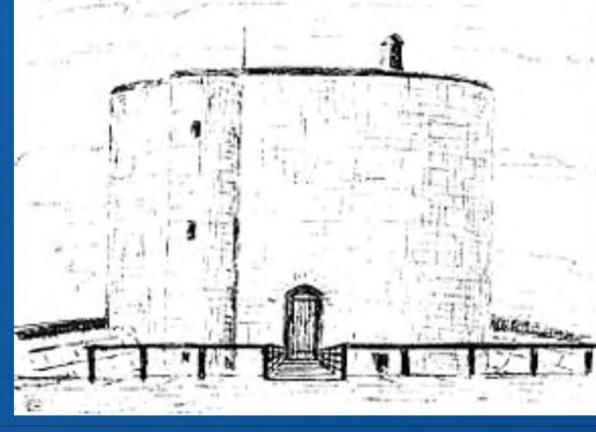
Camber Castle was built by the aristo-cratic family Cambi from Split. In 1517 brothers Jerolim and Nikola Cambi, built a castle on an islet to protect themselves and residents of Lažan and Kruševik settlements. The castle was cylindrically shaped, making it easily defensible. The citadel was surrounded by the sea but was later connected with the mainland by filling up and levelling. A village gate also survived in its vicinity. Cambi Castle was built by the aristo-cratic family Cambi from Split (1589).In 1517 brothers Jerolim and Nikola Cambi, built a castle on an islet to protect hemselves and residents of Lazan and Krusevik settlements. The castle was cylindrically shaped (only one in Kastela), making it easily defensible. The citadel was surrounded by the sea but was later connected with the mainland by filling up and levelling. A village gate also survived in its vicinity.







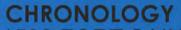




EX:SECTION

ELEVATION





1532 FORT SAINT MICHAEL 1688 CASTLE OF KALAMATA, GREECE 1687 CASTLE OF ZERNATA, GREECE 1698 FORT RICOSOLLI, MALTA 1670 FORT RICOSALI, ITALY

Instructor

ALESSANDRO CAMIZ

Student

151501097 KEVSER YAVUZYIGIT **CAMBER CASTLE FINAL POSTER**

Verrès Castle

Abstract:



this castle is built as military fortress its free of decorative elements located above river evensong, it is the importance construction for this town now it's used as guide tour it

consists of two large halls and surrounded by circle walls so it needs some of repairing and coloring for more attraction to the tourisms.



BUILDING INFORMATION:

Building name: Verrès Castle

Year of construction: 14th-century

Architect: military fortress

Place: Verrès north western Italy

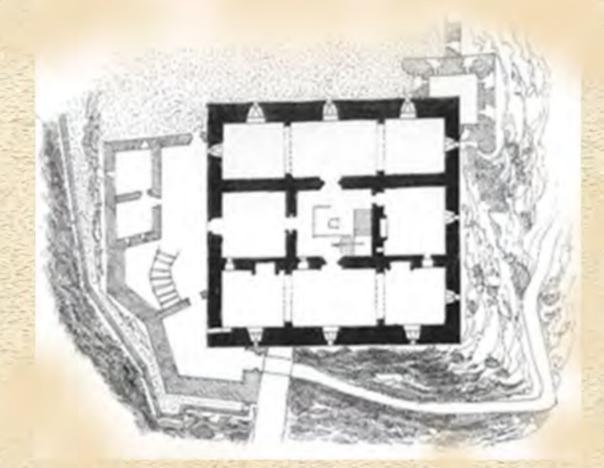
Geographical coordinates: 45.6700°N 7.6958°E

Height on sea level: 391 M

Title of your research: repair



site plan



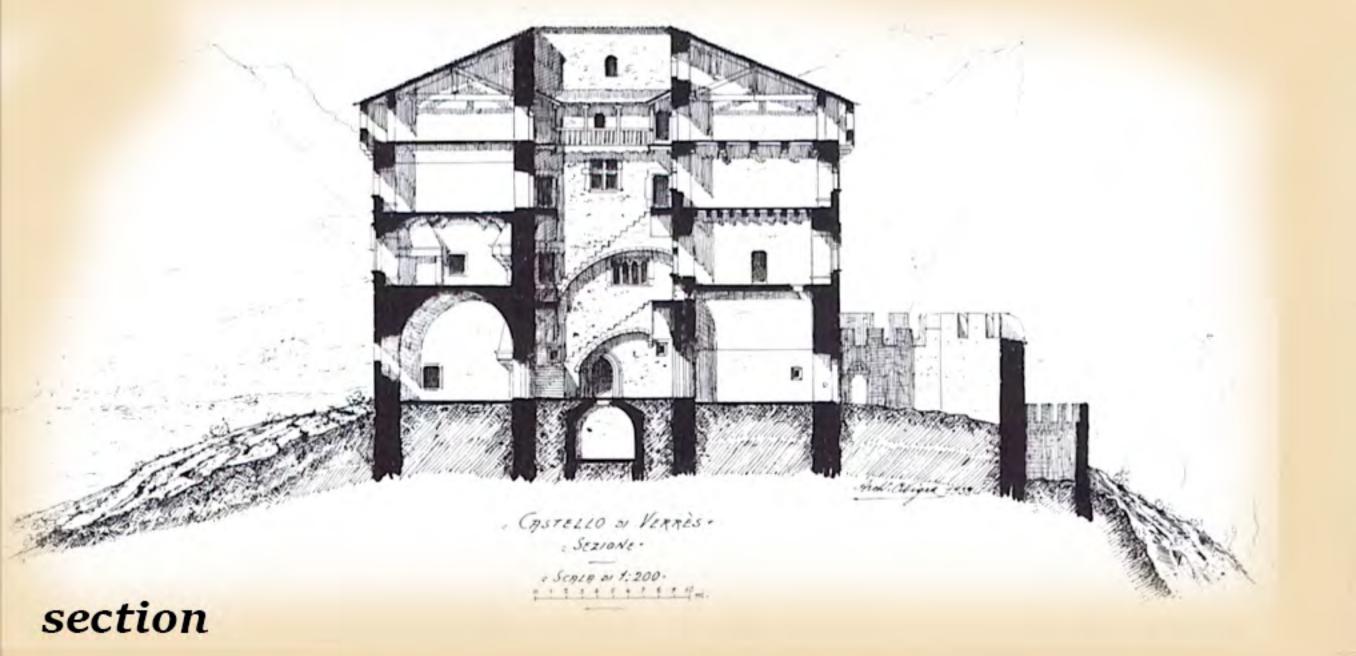
plan



3d model



section



References:

- Massetti, E. (2014). The Alps and the Lakes. United States of America: university of New Mexico press.
- Stevenson, I. (2003). European Cases of the Reincarnation Type: library of congress cataloguing-in-publication data.
- Massetti, E. (2014). Turin to Milan, Via the Aosta Valley, Lake Maggiore and Lake Como: university of New Mexico press.
- · Facaros, D. Pauls, M. (2002). Italy: university of New Mexico press.
- Cockburn, G (1810). Cadiz and Gibraltar up the Mediterranean: library of congress cataloguing-in-publication data.

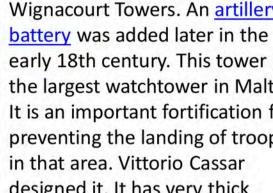


3d section

(St. Thomas Tower)

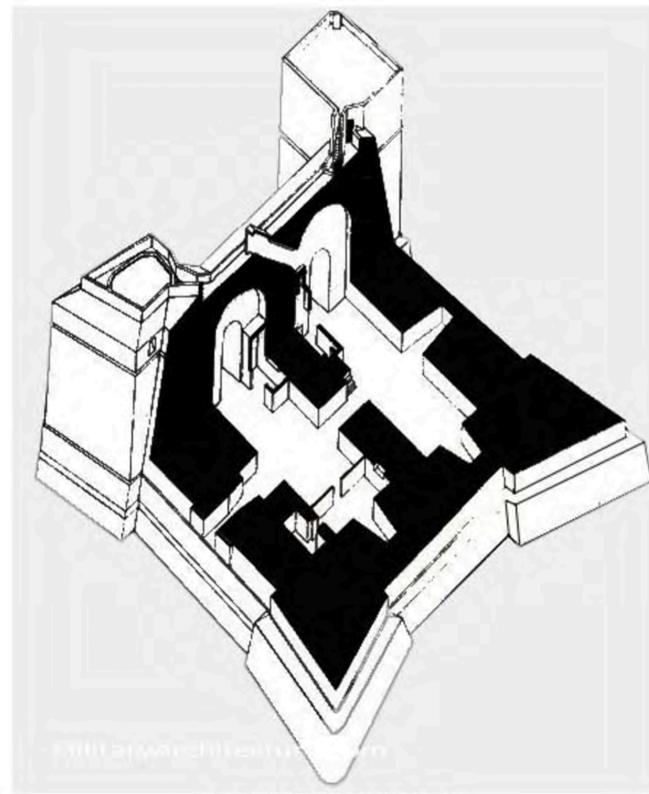


Saint Thomas Tower is a large watchtower in Marsaskala, Malta. It is the third tower of Wignacourt Towers. An artillery battery was added later in the early 18th century. This tower is the largest watchtower in Malta. It is an important fortification for preventing the landing of troops reason that this tower is chose is Mediterranean watchtowers.



abstract

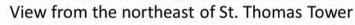
designed it. It has very thick walls and four turrets. The because it is considered as one of the most crucial

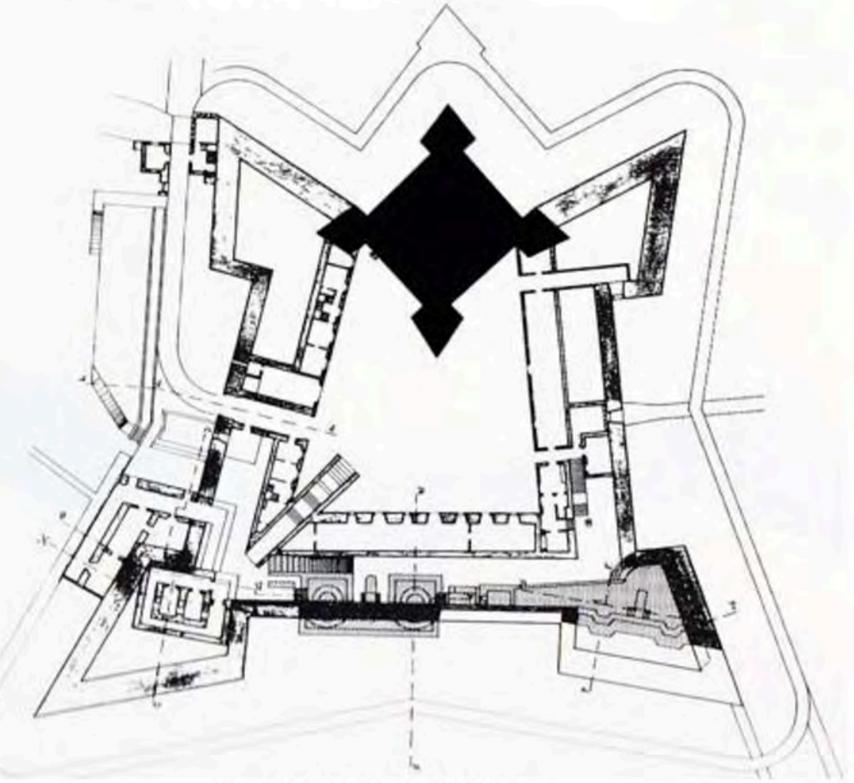


Elevation of Saint Thomas Tower



Location of 6 watchtowers of Malta





Plan of St. Thomas Tower and its battery

References

Paul Borg, Victor. (2001). the Rough Guide to Malta & Gozo. New York, NY: Penguin. Dillon, Paddy. (2016). Walking on Malta. San Francisco, CA: Cicerone.

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Hughes, Quentin. (2010). Malta: A Guide to the Fortification. London: the University of

Hoppen, Alison. (1979). The fortification of Malta by the Order of St. John 1530-1798. Great Britain: Scottish Academic press.



Chronology

Early 15th century: several watch posts was maintained around the island.

1530: Saint John took the control of the Maltese islands.

1598: Resurgence of Turkish naval activities.

1599: Invitation of Giovanni (military engineer) by Martin Garzez for

examination of the island and defences improvements.

1601: Death of Grzez before building any new guarding tower. 1614: Saint Thomas Tower was built by the knights of Malta.

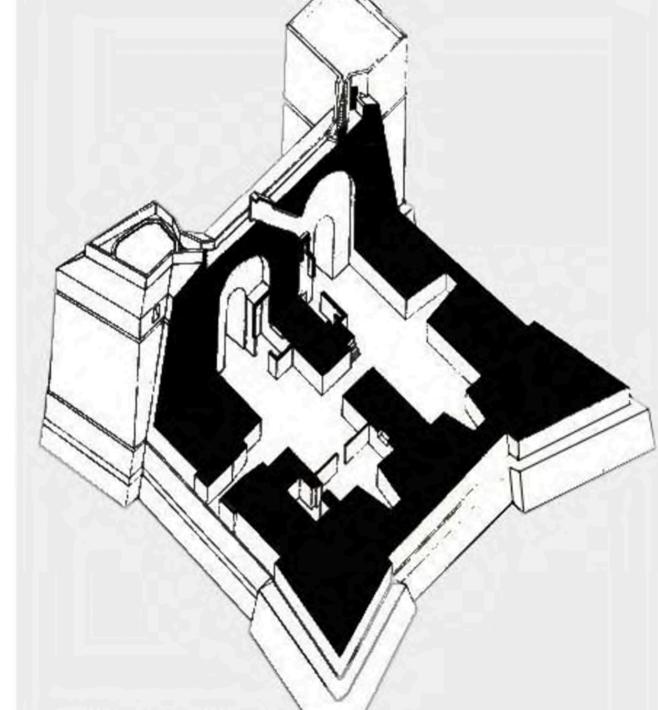
1715: An addition battery was added to the Saint Thomas Tower.

1798-1800: The tower was captured by Maltese Insurgents. 1982: A hotel was built and was ruining the tower.

2007: The hotel closed.

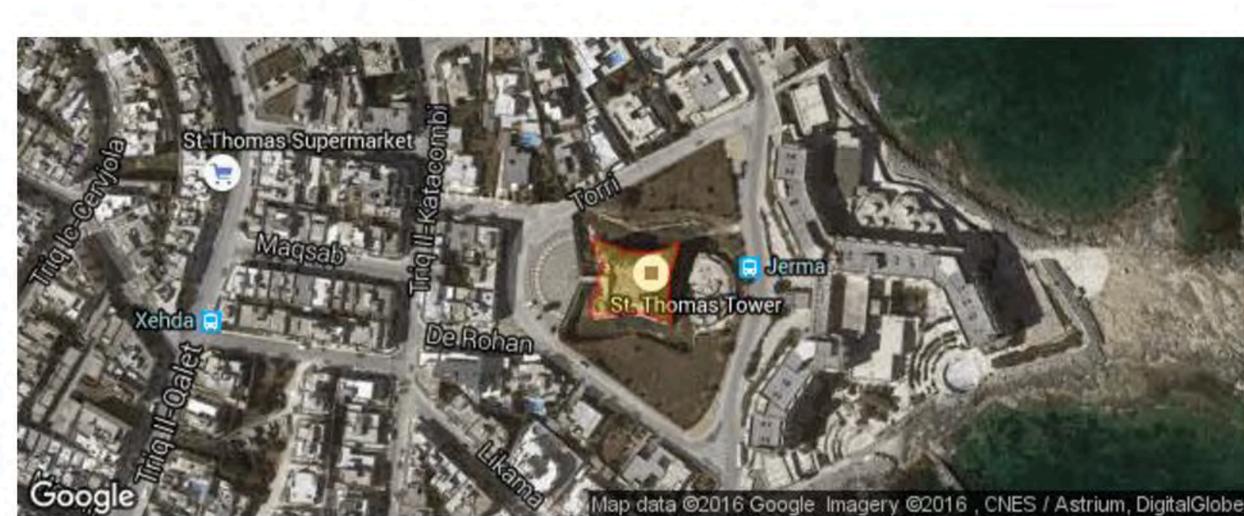
2008: The tower was handed over to a heritage foundation.

2014: The Marsaskala Council organized some events in tower to commemorate its 400th anniversary.





St. Thomas Tower top view

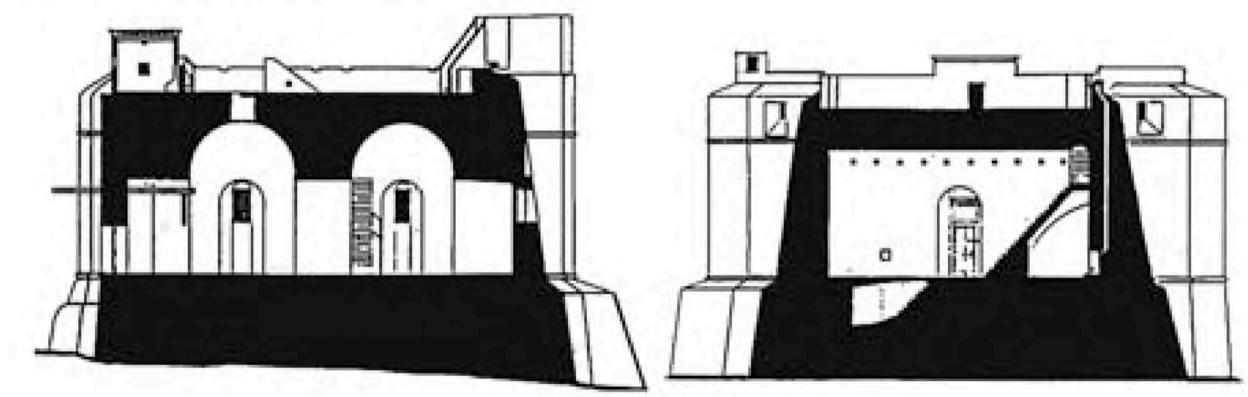


Aerial map of Saint Thomas Tower

Description

Saint Thomas Tower was built in 1614. It is the third of six Wignacourt towers. The system of guarding a watch around Malta's coast goes back to the middle Ages. For centuries the coastline of Malta has had a lookout post or watch towers. These watchtowers were built by the Knights of Malta during the 17th century. These towers were nightly watching the seaward approaches and to raise the alarm in the event of any threat. The positioning of these towers was planned in a way that one could see both neighboring towers, which acted as an early warning system against enemies. As soon as one tower spotted a suspicious event, a fire signal was started which was picked up by the neighboring towers and so on.

Construction of the tower was approved in July 1614. It cost lots of money and efforts, making it the second most expensive Wignacourt tower, after Saint Mary's Tower. The tower's architect is unknown. There are claims that it was designed by Vittorio Cassar. The tower was in use by the British until the 19th century. The British did not make any major changes to the tower and only some minor changes to the structure were made. At some point, the tower was also used as a prison. It has recently been repaired. The battery has also been repaired. The large tower now contains one high storey what is divided into two big halls that are 18m high. It also has one bastion in every corner and a wide ditch runs all-round the tower.



Section of Saint Thomas Tower



GIRNE AMERICAN UNIVERSITY FACULTY OF ARCHITECTURE, DESIGN & FINE ARTS DEPARTMENT OF ARCHITECTURE ARC 142 I History of Modern Architecture I Spring 2016

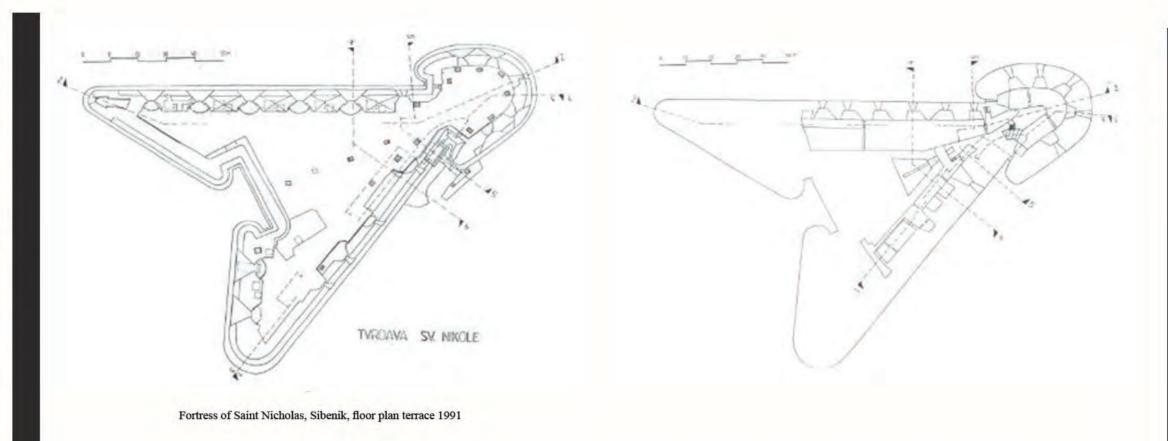
ST. NICHOLAS FORTRESS, SIBENIK



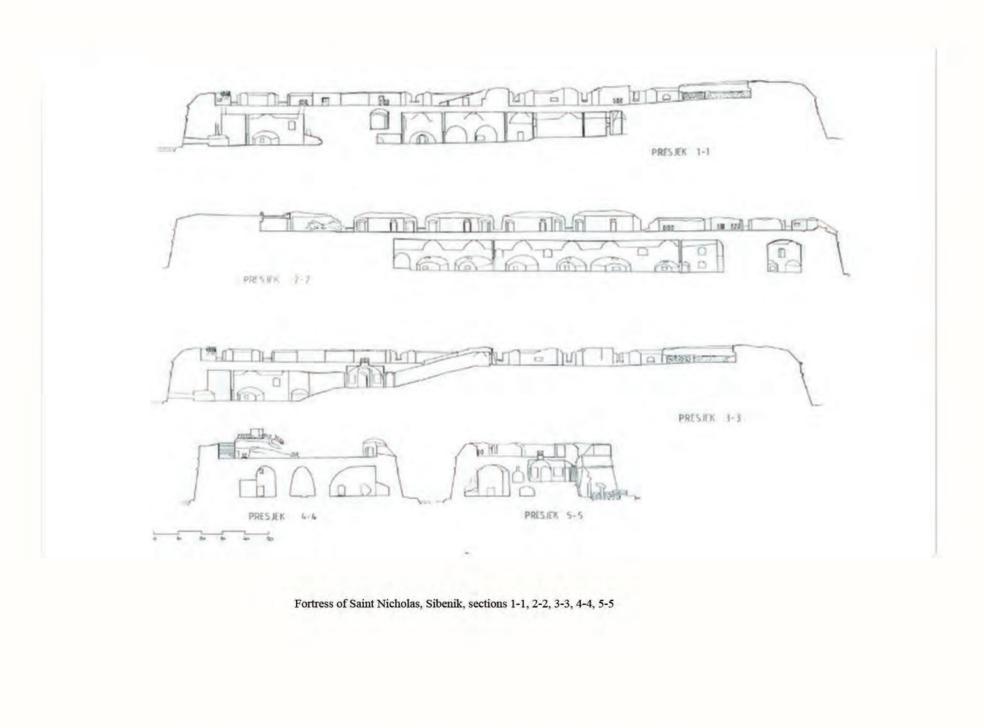
One of the most valuable and best preserved examples of defence architecture in Dalmatia, St. Nicholas Fortress, was built on the left side at the entrance of the St. Anthony channel. On the island called Ljujevac, in front of the Sibenik port. It was built in the mid-15th century and the reason for the construction was fall of Skardin under the assault of the Turks in 1522 year.



The proposal to build a fortress existed in 1524, and the construction works of St. Nicholas began when two engineers, Michele and his nephew Giangirolamo (both from Sanmichelli) came to Dalmatia. He designed a solid and secure fortress in the shape of a triangle with three defensive bastions.



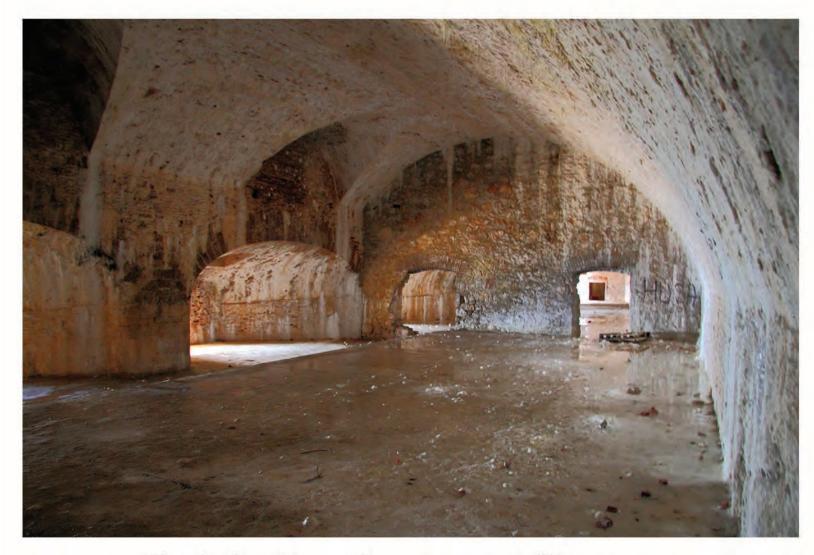
Fort has an interesting form, General layout of the fortress in the shape of triangle which was rare in Croatia at that time, as well in Europe. The shape of the fort St. Nicholas influenced the shape and amount of space of the island.



St. Nicholas Fortress was armed with 32 cannon.



White stone was used for building the lower parts of the fortress and red stone for the upper parts. Brick is the material which used for upper parts which offering resistance. Lower range of the fort built of stone (parts below sea level and directly above it).



For the interior used great amount of limestone.

The fort never really fulfilled its role, except ships of Spain Army. The fortress from the sea looked so powerful that no one dared not even get close. The main task of the fortified building is to scare the possible attackers.

Chronology

- 1417: Venetian authorities were concerned
- 1522: Attack of the Turks
- 1525: The Venetian captain Alojzije de Canal decided to build a fort on an island of Ljuljevac
- 16th century: St. Nicholas Fortress was built to prevent Turkish boats from reaching the port
- 17th century: its fortification were improved again by the fortress of St. John and Subicevac.

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Tomasevic, N. (1982). Treasure of Yugoslavia: An Ecyclopedic Touring Guide. Yugoslavia Public. Fiskovic, I. (1993). Cultural Heritage of Croatia: in the war 1991/92. Hrvaska Sveucilisna Naklada.

Geographical coordinates: 43.722°N 15.854°E

Building name: St. Nicholas Fortress

Place: Sibenik

Country: Croatia

Height on sea level: 0m

ST. NICHOLAS FORTRESS | SIBENIK

serial number / web-site address / contact information (if applicable)

ALESSANDRO CAMIZ

090303114 SHEIDA MOHAMMADI

Fort San Lucian

Year of construction: 1610-1611 Architect: Order of Saint John by

the British Empire

Place: Marsaxlokk, Country: Malta

Geographical coordinates: 35°49′49.8″N 14°32′35.5″E Height on sea level: 16m



A picture was taken in recent time showing the beauty of the fortress.

Fort San Lucian, also known as Saint Lucian Tower. The original tower was built by the Order of Saint John between 1610 and 1611, In 1614 a large Turkish expedition attempted to enter the harbor but was repulsed by a bombardment from the guns of Fort St Lucian. However, the castle was rebuilt by the British Empire in 1870s.

Fort St Lucian is surrounded by a rock cut ditch and it has a curved entrance ramp. In the fort, there's also a small chapel dedicated to St Lucian



picture showing the bridge of the entrance



A picture was taken in recent time showing elevation of the fortress.

Chronology

1557-21 August: Jean Parisot de Valette is elected Grand Master of the Knights of Malta.

1560: The Knights of Malta escalate their corsairing activities in the western Mediterranean.

1561: The Holy Inquisition is established in Malta. Domenico Cubelles is the first Inquisitor

1564 December: The Ottoman war council in Constantinople decrees that Malta is to be invaded and conquered.

1565-18 May: Ottoman armada sighted off the coast of Malta, signalling the start of the Great Siege of Malta.

1566-28 March: The founding of Malta's new capital city, Valletta. A general strengthening of Malta's fortifications is undertaken.

1605: Garzes Tower built

1610-16 February: Fort San Lucian towers built (Wignacourt)

1615-21 April: Wignacourt Aqueduct inaugurated

1637: Lascaris towers built

1658 March: De Redin towers built

1667: Isopu Tower built

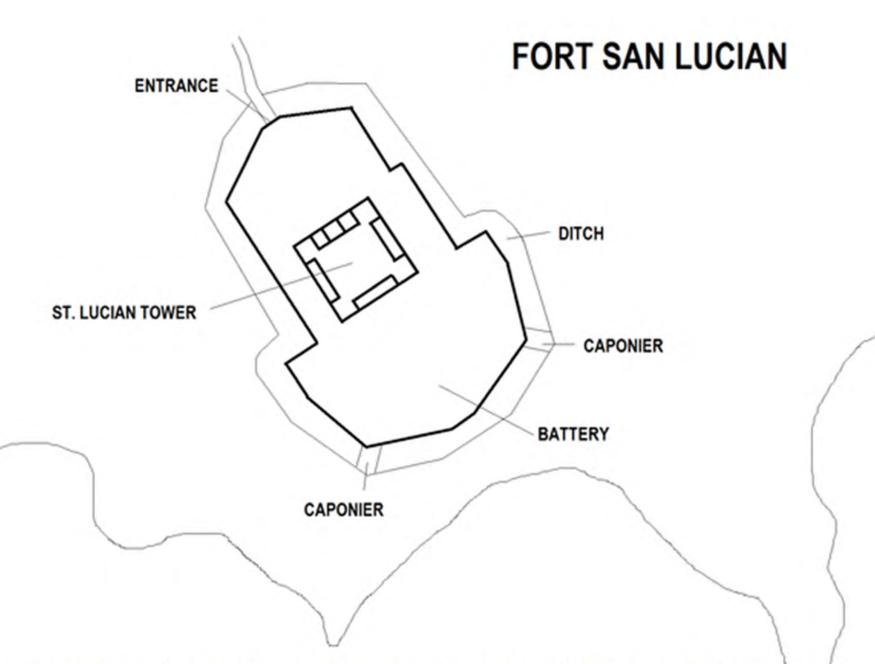
1670: Fort Ricasoli built

1720: Perellos Tower built

1723-14 September: Fort Manoel built.

1758: Fort Chambray built.

1792: Fort Tigné built



plan showing the main rooms and objects of the castle with the Tower.



picture showing the castle from high level.



Original main entrance with staircase



The new entrance that was built by the British Empire & that we can see the FORT ELEVATION.

serial number / web-site address / contact information (if applicable)



Asst. Prof. Dr. Alessandro Camiz

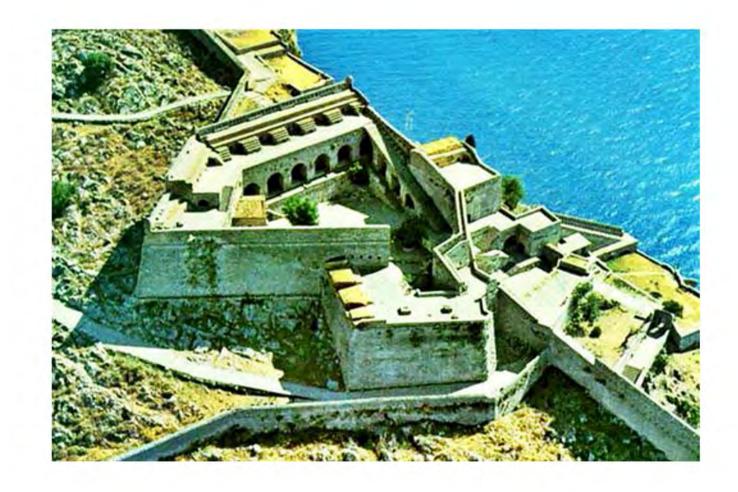
151501069 Şevval ACAR FORT SAN LUCIAN Marsaxlokk MALTA Order of Saint John

PALAMIDI CASTLE



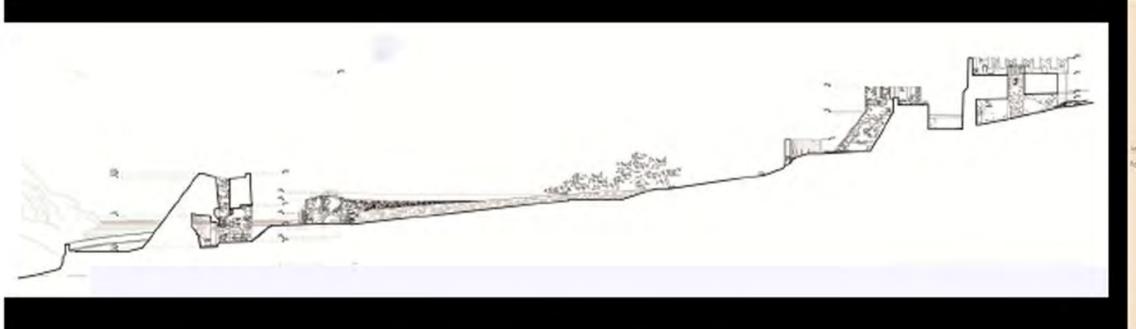
Location & Strategic Scope

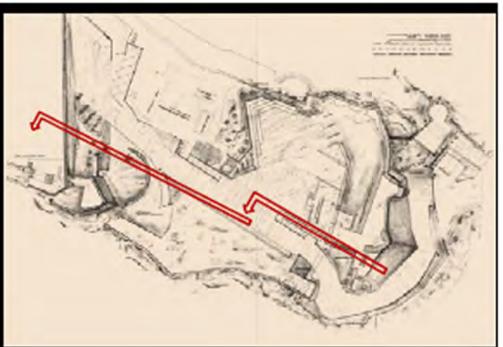
Palamidi castle is built on a 216-meter high hill. Palamidi castle is controls the city of Nafplion, the seaport, the entrance to the gulf of Argolis.



History:

The castle was finished within a relatively short period from 1711 until 1714.The works were started and were carried on till the last years of the Venetian occupation (1686 - 1715). It is a typical baroque fortress. In 1715 it was captured by the Turks and remained under their control until 1822, when it was captured by the Greeks.







Structure, Fortification & Buildings:

The castle designed and built by Lassalle (LaSalle) and Ziaxich (Giaxich). Based on the fortress plan Dapia developed in the West-East axis and the walls are connected mutual bastions system with the band. If one of them occupied, the defense is done by others part, so a total of eight independent castle.

There are 857 steps in the winding stair from the town to the castle. However, to reach the top of the fortress there are over one thousand. Locals in the town of Nafplion will say there are 999 steps to the top of the castle. The most important monuments of the site are:

- The Castle consists of eight bastions surrounded by walls. A long stairway reinforced with small battlements starts at the foot of the nortwest slope and leads up to the fortress on the top of the hill.
- -St. Andrew church is a barrel-vaulted church with the eastern half built under one of the arches supporting the walls. Its free-standing part is two-aisled.
- One of the bastions was used as the prison.



- A: House Venetian treasurer,
- B: Eastern transverse wall,
- C: South Gate,
- D: Gate Toron,

- E: O single place in the castle Toron,
- F: Complex «Gambello»,
- G: Kapodistrias Military Hospital in the position of the Venetian partitions,
- H: The "House Turkish aga"







Chronology:

1470 - The city suffered Venetian invasion.

1540 - At the end of a 3-year siege of passed into the hands went to Turks (1537-1540).

1686 - The city passed into the hands Venetian again and began construction of the castle.

- 1714 The castle was complete. (Completed by reinforcing 1711-1714)
- 1715 The city was occupied by the Turks.
- 1822 In again it passed to the Greeks.
- 1834 Besides the castle was in prison for notorious criminals.
- 1926 Castle was abandoned from being used as a prison.
- 1962 GNTO was accepted under the archaeological site
- 1969 The castle was repaired.



100303113 Şerife KOYUNCU

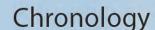
PALAMIDI CASTLE in NAFPLIO

Castle of Taranto Aragon

DESCRIPTION

The Castle of Taranto (called Castle S. Angelo) is located Apulia. Castle is building on the rocks. Castle in orginally building in medivieal type. After the Turks invasion The King of Naples Ferdinal of Aragon, decided to strengthen the kingdom's coastal defence. between 1487 and 1492, the Castle of Taranto was reconstructed by the Francesco di Giorgio. After reconsturucted castle had a shape vaguely reminiscent that of a scorpion, with five round towers located at the corners of the construction.

These towers, were named S. Cristoforo, San Lorenzo and Sant' Angelo for the three facing the current canal, while the two facing the old city were called Annunziata and Bandiera. Towers and walls were of the same height, 21 meters, and almost the same thickness, about 8 meters; all the towers had a diameter of 18 meters except for San Cristoforo which was 10 meters wider. Facing the outside harbour, according to the probable design of Francesco diGiorgio, a triangular bulwark.was added in 1491 to reinforce the southern curtain wall and improve flank defense capability of the access to the moat that was enlarged to connect the outside with the inside harbour.



13th century the French Angevins arrive and Puglia becomes part of the Kingdom of Naples. 1420 Giovanni Antonio Orsini Del Balzo, the son of Mary and Raimondello

1463 Isabella of Clermont, grandson of Giovanni Antonio

a Turkish force under the command of Gedik Ahmed Pasha lays siege to Otranto. On capturing the town, all male inhabitants over the age of 15 (numbers in the 1000s) are killed. The aging Archbishop, refusing to renounce his faith, is cut into pieces in public and his decapitated head paraded through the town on a pike.

The Aragonese Castle of Taranto was built. 1486

The Aragonese Castle of Taranto was reconstructed following perhaps the specific design of the great Senese architect Francesco di Giorgio.

Facing the outside harbour, according to the probable design of Francesco di Giorgio, a triangular bulwark, (a true prototype of the XVI bastion, incorrectly called ravelin), was added.

King Ferdinand V of Aragon takes the reins and Otranto, Bari and Taranto are fortified against Turkish invasions.

The Spaniards, widened the top platforms to facilitate the movement and use of artillery. They also filled with soil many of the corridors inside the walls and the upper casemates of the towers to strengthen them and to build artillery emplacements on the tower stop.

1594 Turkish assault, it ended up being used as a prison and as barracks.

the Treaty of Utrecht grants Puglia to Austria.

the Spanish defeat Austria at the Battle of Bitonto and reclaim Puglia as their own. The Turks and the Venetians attack repeatedly hoping to gain a foothold in the region.

1806-1815 the French take control, abolishing feudalism and reforming the justice system

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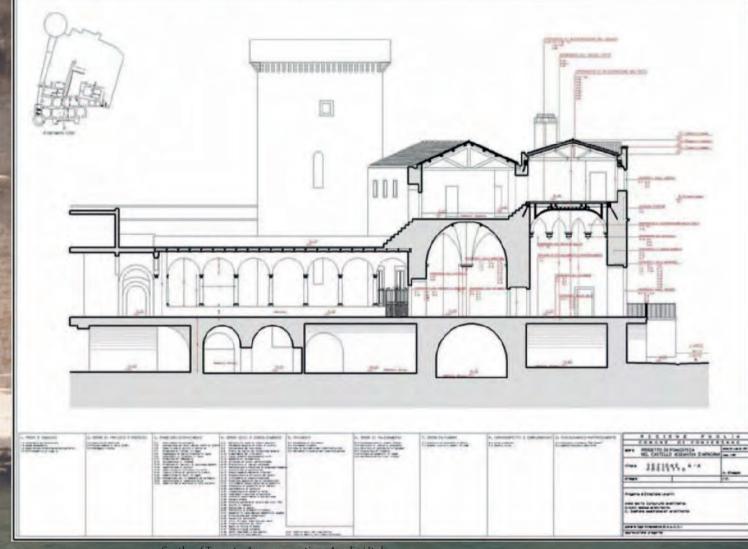
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Shugaar, A. (2002). Italy. Milano: Touring Club of Italy.







astle of Taranto Aragon, top view picture, Apulia/Italy Student



Castle of Taranto Aragon, painting, Apulia/Italy

Castle of Taranto Aragon (aragonese CASTLE) | Apulia Italy



Castle of Taranto Aragon, front picture, Apulia/ Italy

selin.ozbilgin@std.gau.edu.tr

25.05.2016



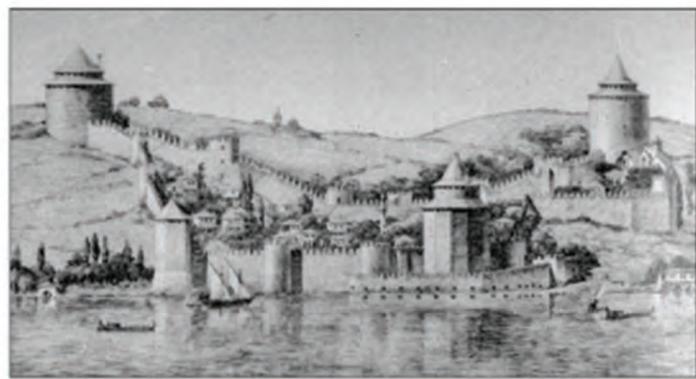
FACULTY OF ARCHITECTURE, DESIGN & FINE ARTS

Castle of Taranto Aragon, plan, Apulia/ Italy

Alessandro CAMIZ

141502152 Selin ÖZBİLGİN

ROUTELI HISSAR







THE FORTRESS OF RUMELI HISSARI IS THE CARLIEST OF FATIH'S CONSTRUCTIONS IN ISTANBUL, BUILT IN 1452, AS WE HAVE NOTED, TO CUT OFF THE BYZANTINES FROM THE BLACK SEA IN PREPARATION FOR THE SIEGE OF CONSTANTINOPLE THE FOLLOWING YEAR, THE FORTRESS IS ON THE EUROPEAN Shore of the Bosphorus At THE NARROWEST POINT OF THE STRAIT, ABOUT 700 METRES FROM THE FORREST OF ANATOLIA HISARI, BUILT ON THE ASIAN SHORE BY BEYAZIT IN 1394.

CONSTRUCTION

ACCORDING TO KRITOVOULOS,

FATTH BEGAN PREPARATIONS

COULD UNDERTAKE THE TASK.

THIS FORTRESS IN THE WNTER OF 1451-2, WHEN HE ORDERED ALL

THE MATERIALS TO BE PREPARED FOR BUILDING, NAMELY STONE

OFFICERS OVER THE WORK, INSTRUCTING THEM TO PUT EVERYTHING

, THE

, AND THE

THE THREE OF

AND TIMBERS AND IRON AND WHATEVER ELSE WOULD BE OF USE

SPEEDILY IN THE BEST ORDER, SO THAT WHEN SPRING CAME BE

A CURTAIN WALL, DEFENDED BY THREE SMALLER

AN IRREGULAR FIGURE SOME 250 MEYRES LONG

BY 125 METRES BROAD AT ITS MAXIMUM. FATIH

SPENT MUCH TIME IN SUPERVISING THE WORK

WORKMEN HE HAD COLLECTED FROM THE VARIOUS

PROVINCES OF THE EMPIRE. HE ENTRUSTED EACH

OF THE MAIN YOWERS TO ONE OF HIS VEZIRS, THE

COMPLEYE THE WORK WITH SPEED AND EFFICIENCY.

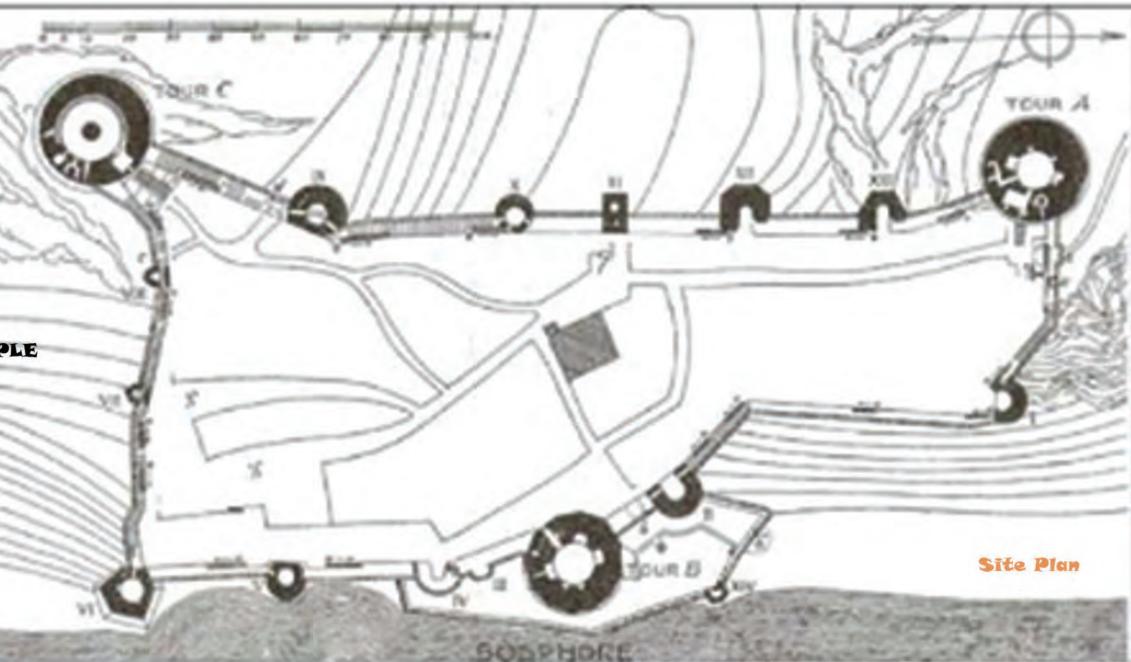
OF THE 1.000 SKILLED AND 2.000 UNSKILLED

THEM STRIVING WITH ONE ANOTHER TO

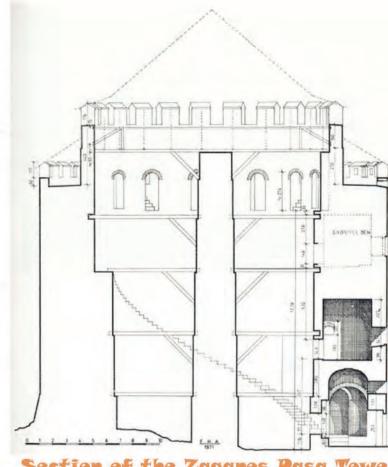
YOWERS, JOINS THE THREE MAJOR ONES, FORMING

FOR THIS PURPOSE. HE SET THE BEST AND MOST EXPERIENCED

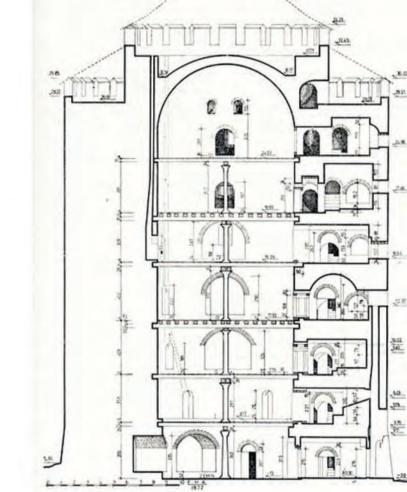
FOR THE CONSTRUCTION OF



RUMELI CASTLE'S THREE MAJOR YOWER, THE WORLD'SLARGEST CASTLE HOROSCOPE. RUMELIHISAR LOOKS LIKE THE SHAPE OF IT WAS of signature knows that. The EMPLOYEE PERSONALLY, OF COURSE, IN THE TOPOGRAPHY TO THE SHORE OF THE BOSPHORUS TO THE FULLEST EXTENT TO WRITE HIS NAME WITH THE TRIP TAKES LOOKED KUFI WRITING WITH YOU CAN SEE THE INITIALS

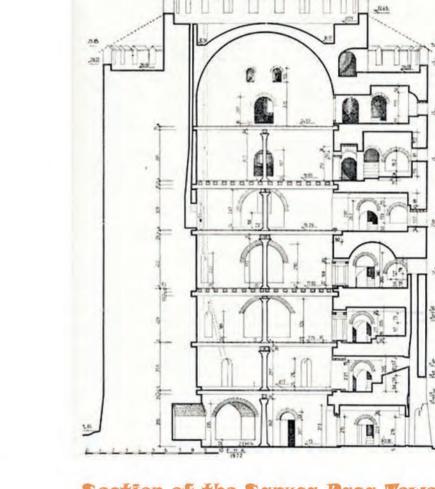


Section of the Zaganos Pasa Tower



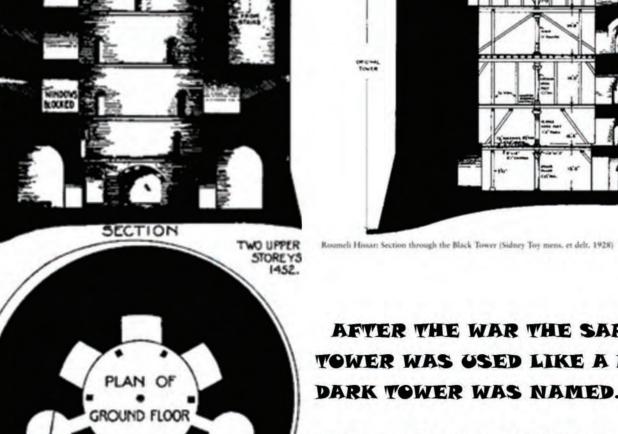
Section of the Saruca Pasa Tower

Section of the Halil Pasa Yower



AFTER THE WAR THE SARUCA PASHA Tower was used like a prison. The DARK TOWER WAS NAMED.

SARUCA PASHA PLAN AND SECTIONS



Roumeli Hissar: The Black Tower



upper right and the Halil Pasa Tower

Asst.Prof.Dr Alessandro CAMIZ



VIEW OF THE SARUCA PASA YOWER FROM WITHIN FORTRESS GROUNDS, LOOKING NORTHWEST.



FROM THE SEA



view from the Bosphorus Looking South, WITH THE ZAGANOS PASA TOWER SEEN AT THE SEEN LOWER LEFT.

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DEPARTMENT OF ARCHITECTURE
ARC142 | HISTORY OF MODERN ARCHITECTURE | SPRING'2016

100303067 Selcan **KILINÇARSLAN**

ROUMELI HISSAR

selcanklncrsln@gmail.com

May 25, 2016

ELBADIPALACE



GENERALINFORMATIONS

Type Location Palace

Ksibat Nhass, Marrakesh, Morocco

Coordinates

31.6183°N

7.9858°WCoordinates: 31.6183°N

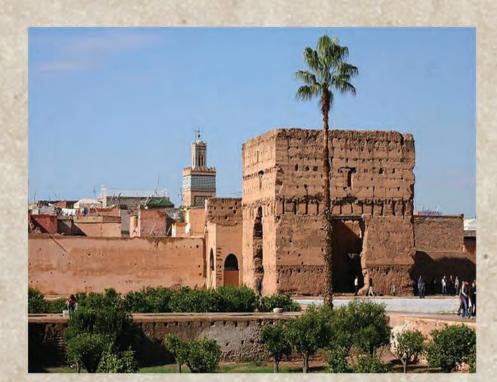
Construction started

Completed

Demolished

Circa late 17th Century





ALESSANDRO CAMIZ



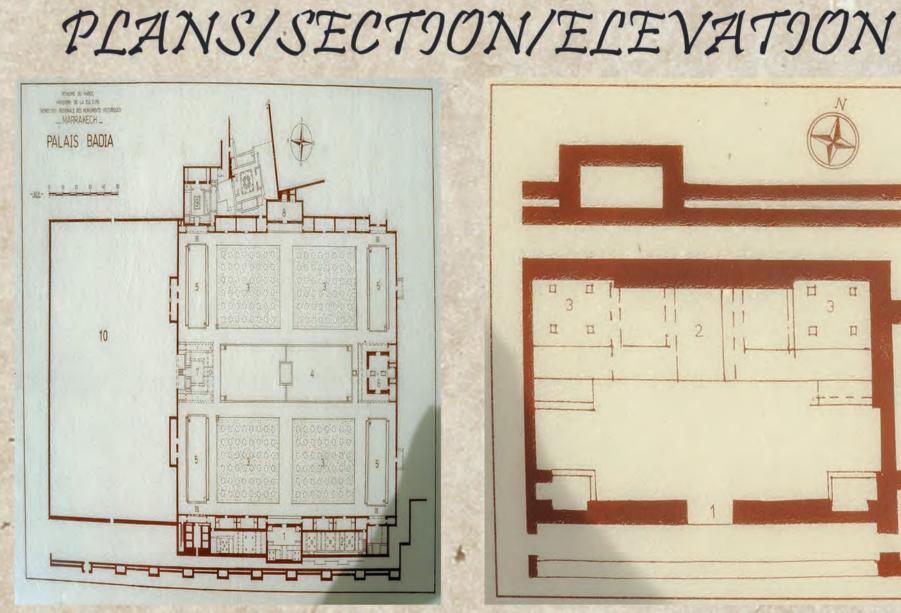
CONSTRUCTION AND DESIGN

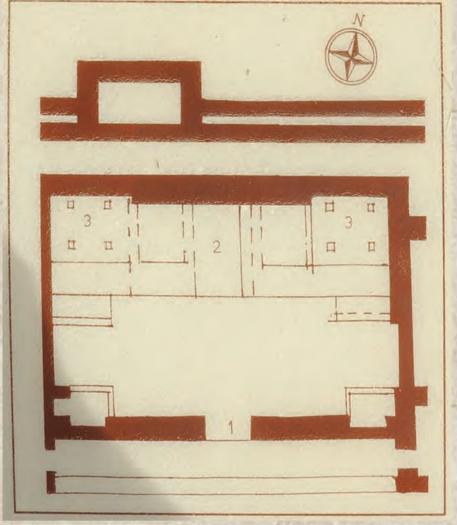
The palace took twenty five years to build, with construction finally completed around 1593 and was a lavish display of the best craft manship of the Saadian period. Constructed using some of the most expensive matrials of the time, including gold and onyx, the colonnades are said to be constructed from marble exchanged with Italian merchants for their equivalent weight in sugar. The original building is thought to have consisted of 360 richly decora ted rooms, a courtyard (135×149)m) and a central pool (90×20 Marrakech and El Badi Palace, by Adriaen Matham, 1640 There are several large pavilions on the site, which are believed to have been used as summer houses. The largest on the site is known in Arabic as Koubba el Khamsiniya, which translates into 'The Fifty Pavilion', named either after its surface area of some 50 cu bits or the fact that it once contained 50 columns. The site also includes several stables and dungeons.

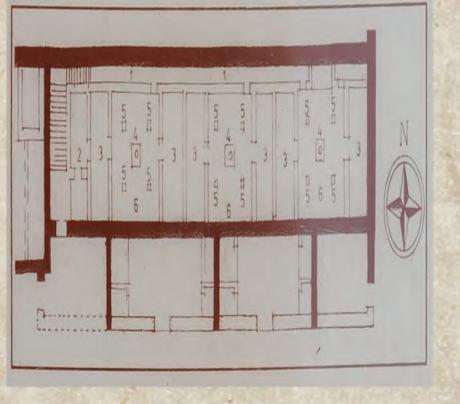
CHRONOLOGY

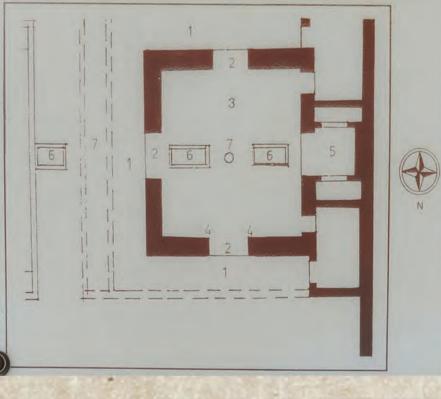
1525 - Saadjans in power. 4 - Mohammed ash-Sheikh in power. 1557 - Sidi'l-Jazuli hospice built. 1565 - Ben Youssef Madrasa built. 1572 - al- Muwassin mosque built. 1593 - El Badi Palace built. 1603 - Saadian Tombs built. 1606 - City taken by forces of Abd Allah. 1664 - 31 July: City taken by forces of Alaouite Al-Rashid of

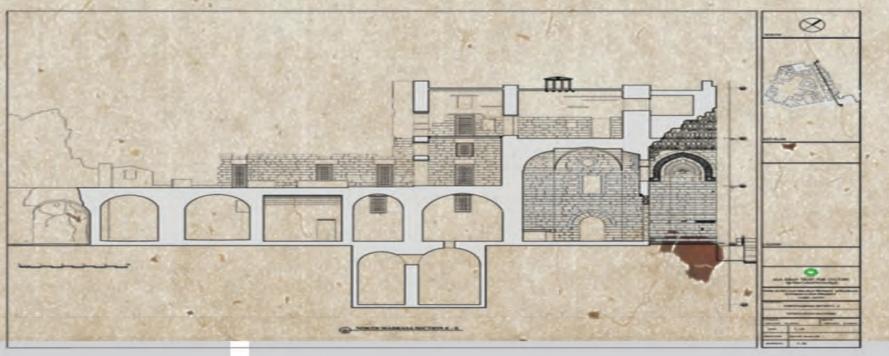
141501022 ŞEHRAZAT DÜZEL











PANTOCRATOR CASTLE

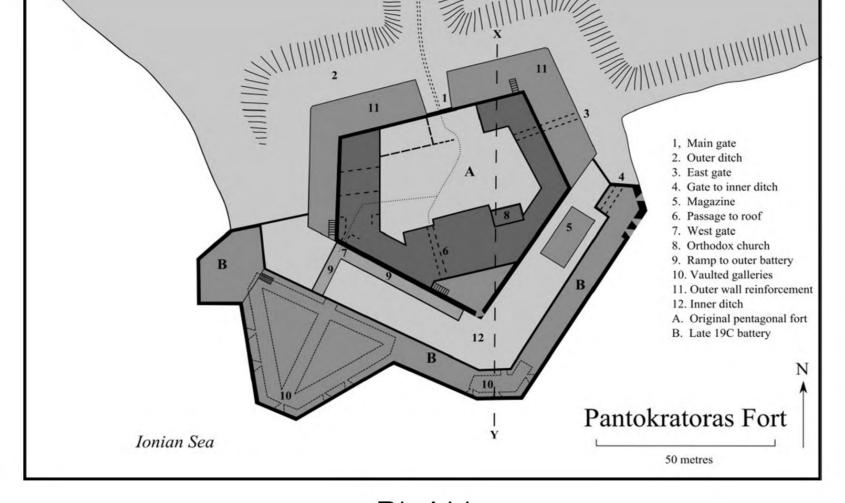
YEAR OF CONSTRUCTION: 1807

ARCHITECT: UNKNOWN PLACE: PREVEZA COUNTRY: GREECE

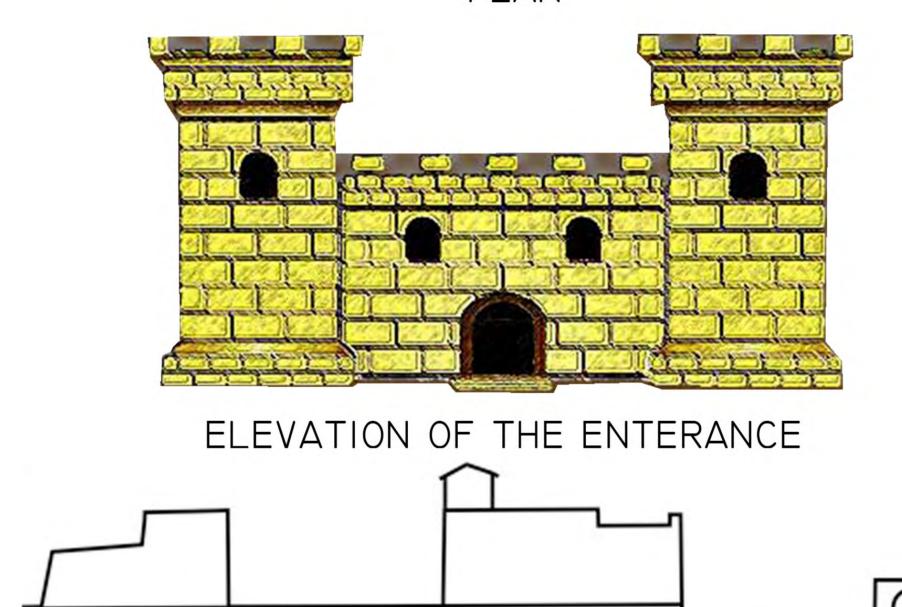
GEOGRAPHICAL COORDINATES: 38°56'42"N 20°44'19"E

HEIGHT ON SEA LEVEL: ZERO ALTITUDE

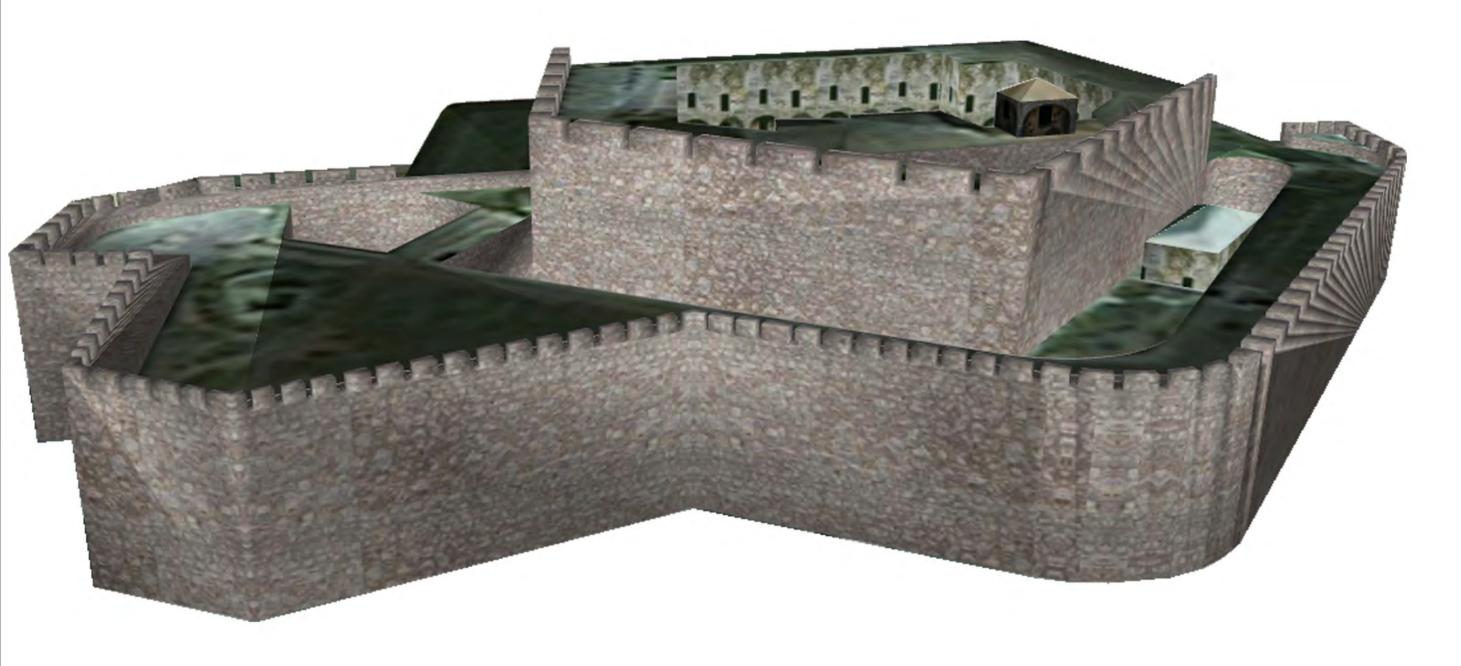
IT IS LOCATED AT THE SOUTH NEAR THE BEACH OF KYANI AKTI. CASTLE OF PANTOCRATOR WAS BUILT BY OTTOMANS. IT WAS BUILT BY ALI PASHA, WITH DRAWINGS OF FRENCH ENGINEER YAUDOCOURT. A SMALL CHURCH BUILT ON ITS TOP. THE SITE IS NOW ABANDONED AND BECAUSE IT IS VERY EASILY AC-CESSIBLE IT LOOKS BOUND FOR A RAPID DETERIORATION.

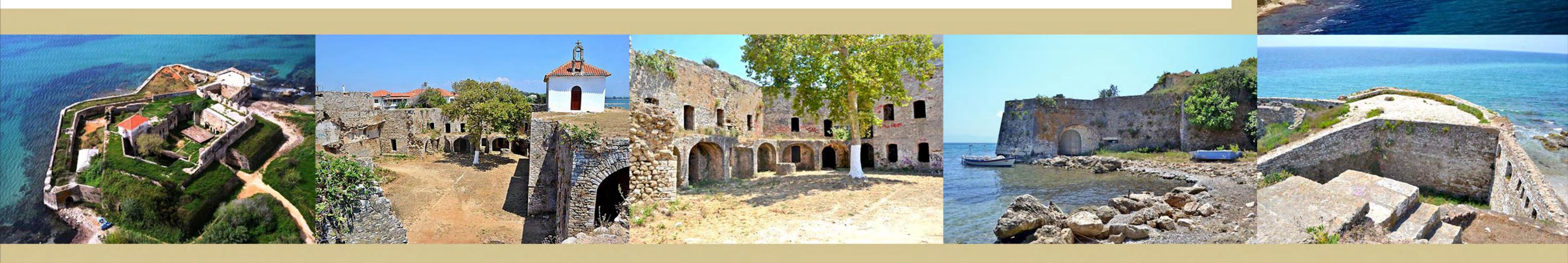


PLAN



SECTION X-Y







Alessandro CAMIZ

cottonera lines

ELEVATION



THE BRITISH MODIFIED THE LINES IN THE 19TH CENTURY WITH THE CONSTRUCTION OF ST. CLEMENT'S RETRENCHMENT, WHICH CONNECTED THE COTTONERA LINES WITH THE SANTA MARGHERITA LINES. IN THE 1870S, VALPERGA BASTION AND ST. PAUL'S CURTAIN WERE DEMOLISHED TO MAKE WAY FOR AN EXTENSION OF THE MALTA DOCKYARD.



E. Part St. Michael 2 Ib. Raphael's Baction 3 Volpeopl's Bustise. 14.5s, Junua' Station

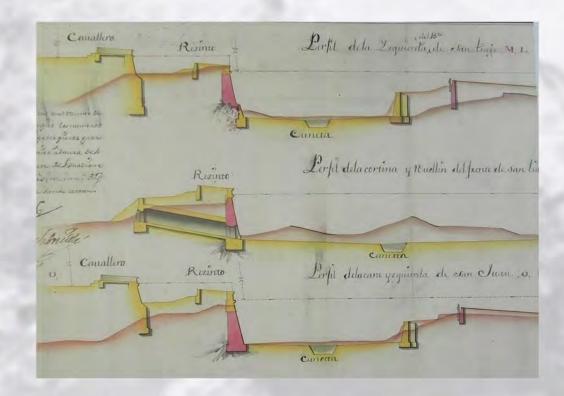
THE NEW LINE WAS NAMED THE COTTONERA LINES AFTER THE REIGNING GRAND MASTER, **NICOLAS COTONER**

CONSTRUCTION OF THE COTTONERA LINES BEGAN IN **AUGUST 1670. THE LINES WERE CALLED THE "MOST** AMBITIOUS WORK OF FORTIFICATION EVER UNDERTAKEN BY THE KNIGHTS OF ST JOHN IN MALTA"

THE COTTONERA LINES (MALTESE: IS-SWAR TAL-KOTTONERA), ALSO KNOWN AS THE **VALPERGA LINES**

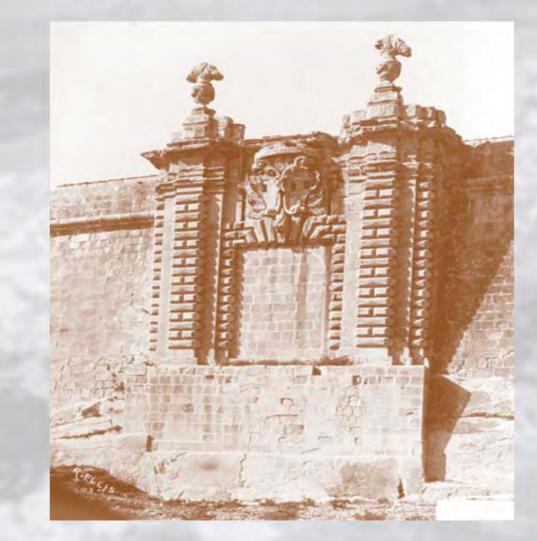
IN THE EARLY 18TH CENTURY, SOME EFFORTS WERE MADE TO COMPLETE BOTH THE COTTONERA AND THE SANTA **MARGHERITA LINES**

SECTION

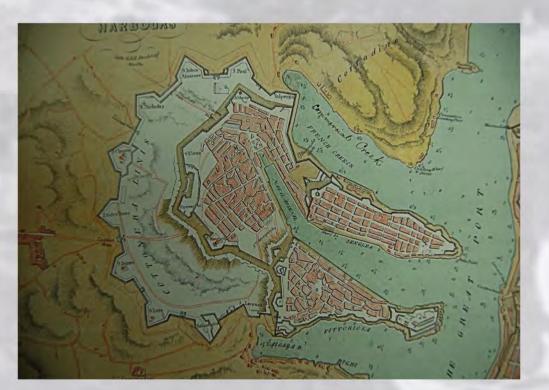




ASST. PROF.DR. ALESSANDRO CAMIZ



PLAN







Ranjeeth Palanisamy

Student

MAIDEN Stot Printed! CASTLE



Building Name: Maiden's castle

Year of construction: 1448

Architect: İbrahim Bey

Place: Mersin

Country: TURKEY

Geographical coordinates: : 36°27' 25"N, 34°08'54"

Height on sea level: 0

LOCATION:



Castle about 300 metres (980 ft) off shore in the Mediterranean Sea..

Part of Erdemli district which in turn is a part of Mersin Province. Kızkalesi is west of Erdemli and Mersin.

PLAN

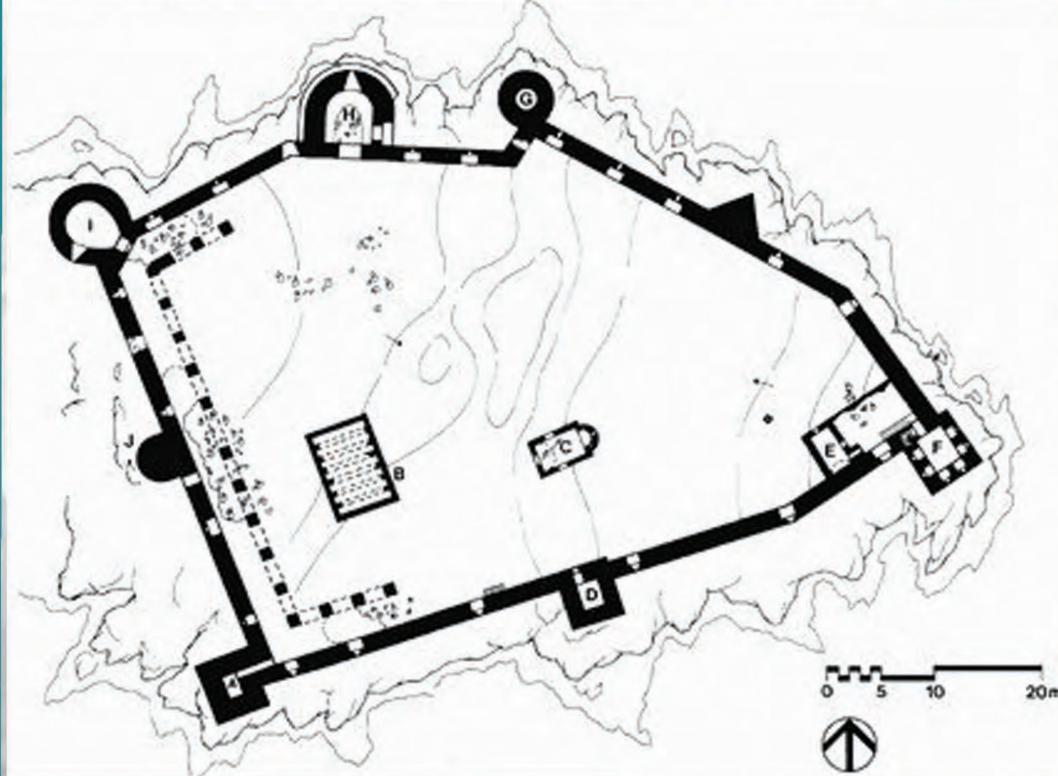
The main door has a small door in the north side and the west side and a gallery.

Ther e are 8 bastions each with a unique shape.

It is nearly triangular; and at each of the angles are towers sixty feet high, besides five others of lesser dimensions.

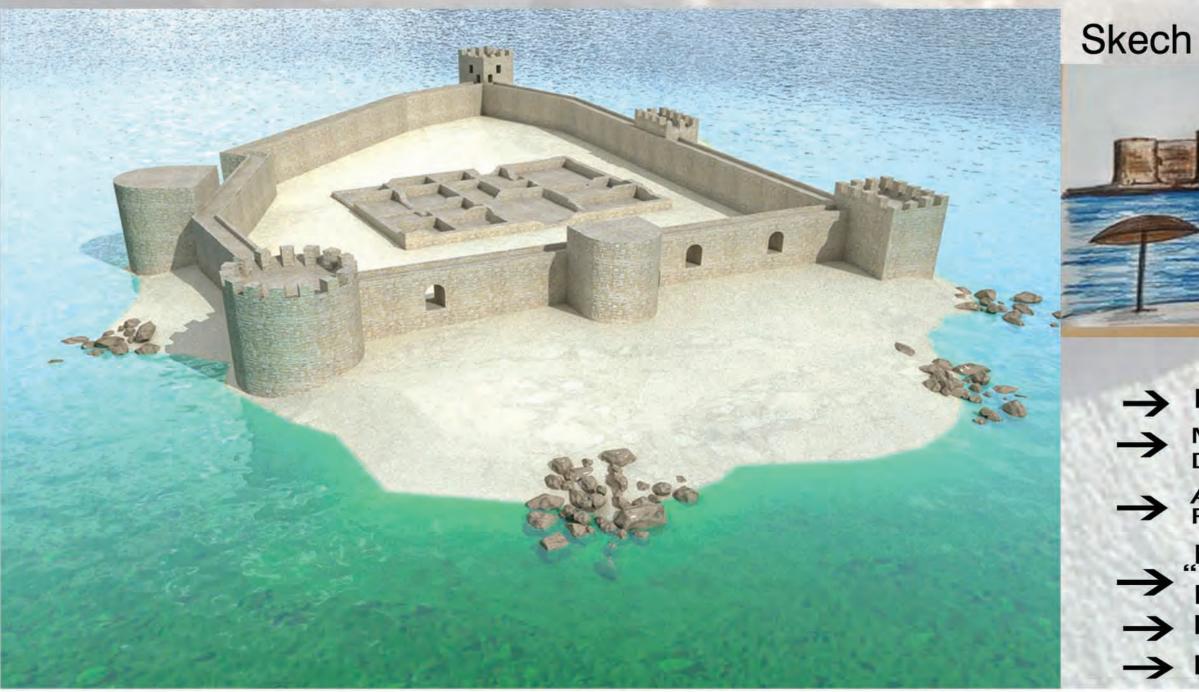
The south and the west walls are perpendicular to each other..

The main gate is on the north side and there is a minor gate and a gallery on the west side. Inside is arched.





100303082 Özgür **ÇELİK**



ELEVATIONS







inside



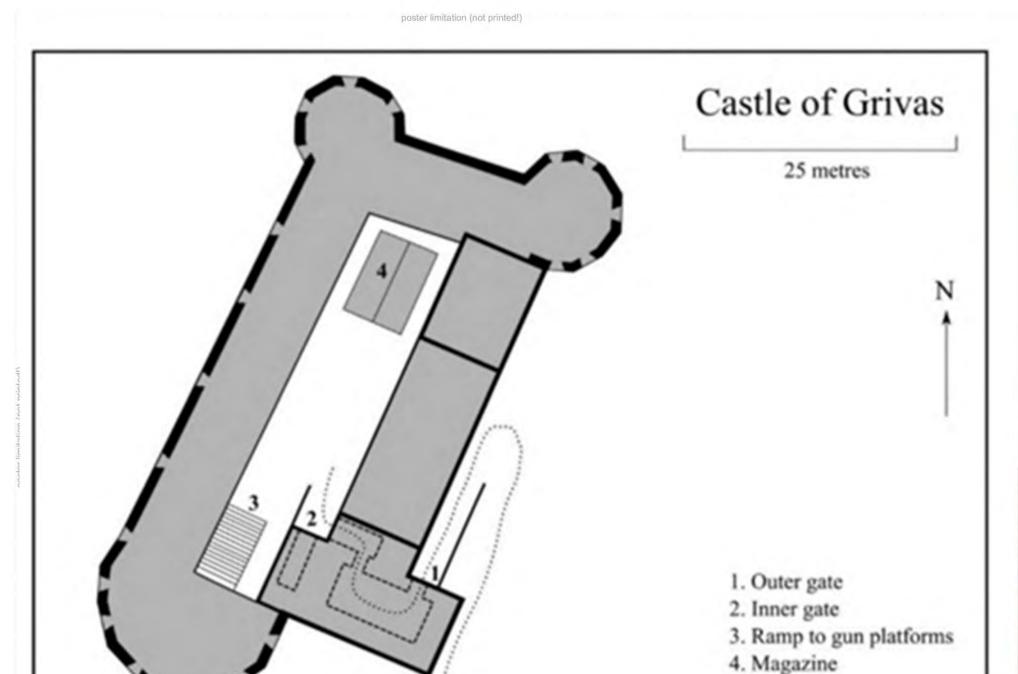
REFERENCES:

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- Bitelli, G., Dubbini, M., Zanattu, A., 2004

 Terrestrial Laser Scanning and Digital Photogrammetry
- → http://www.mersinkulturturizm.gov.tr/
- → http://www.mersin.web.tr/kizkalesi

Instructor

MAIDEN'S CASTLE



Building name: GRIVAS CASTLE

Year of construction: 1806

Architect: Ali Pasha Place: Aktio Vonitsa

Country: Greece



The castle is 60m by 30m in a rectangular shape. The castle is supported by two towers to the north and one tower to the South, which are projecting several angles.

CASTLE OF GRIVAS FAMILY





DESCRIPTION

When the war started between Russia and Turkey in 1806, Ali Pasha built two parts on the coast Akarnania one at each end of the Lefkas Channel. Castle of Grivas is the northern fort; it is one and half kilometres from the castle of Santa Maura.

It was constructed with French assistance however once the treaty of Tilsit was signed in September 1807 ended the help of the French.

CHRONOLOGY

1503 - 1684: The Island is re-conquered by the Turks.

797: The Republican French take control of the island.

1798 - 1807: Russo-Turkish occupation.

1807 - 1810: The Island is conquered by the Imperial French.

1810: Rule of the British, who incorporate it into what they called the United States of the Ionian Islands.

1819: Peasant uprising in Lefkada. Suppression, persecution, exe-cutions. Participation of Lefkadians in the 1821 Greek War of independence.

1864: Lefkada is united with Greece, together with the other Ionian Islands.



A square tower is positioned to the southeast which protects the gate. The outer gate is followed by the ground floor Chamber. It would then be leaded by an arch and then a vaulted corridor and then finally a ramp in to the interior.

PROF.DR. ALESSANDRO CAMIZ

131501017

ONUR DEDEOĞLU

FINAL SUBMISSION

onur.dedeoglu@std.gau.edu.t

Building name: Fort Ricasoli Year of construction: 1670-1698

Architect: Saint John

Place: Kalkara Country: Malta

Geographical coordinates: 35°53'51"N 14°31'33"E

Height on sea level: up to 20 m

Abstract: Fort Ricasoli a mega limestone old building, entrance the Grand harbour in Kalkara, Malta. This fortification largest fort in Malta and also all Mediterranean islands. Fort Risacoli in the list of UNESCO since 1998. Fort Ricasoli saw use during the French invasion of Malta (1798), Siege of Malta (1798–1800), World War II. Fort Ricasoli a strong, big, heavy view and also good history.

Chronology O

The De Redin Towers constructed in Malta.

San Blas Tower constructed in Malta.

Ottoman Attack to Malta.

The first stone was laid down in Fort.

1674 The Fort accepted skeleton garrison.

Flemish engineer proposed some changes to the design of the fort.

Malta is damaged by earthquake.

Fort Ricasoli constructed in Malta.

First grant in of a title of nobility to created by the Grand Masters.

The French engineers small size of the fort's bastions.

Many coastal batteries and redoubt are constructed in Malta.

The Wigna court towers constructed in Malta. Constructed due to a lack of funds in Malta.

Work started on Fort Manoel in Malta.

Fort Manoel constructed in Malta.

1732 The Monoel Theatre open in Valetta/Malta.

Cathedral Museum in Mdina was constructed. 1748

5 References (Books and Journals)

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2. Stephenson, C. (2004). The Fortifications of Malta 1530-1945. Great Britain: Osprey Publishing.

3. Balbi, F., & Bradford S.D.E. (1965). The Siege of Malta, 1565. London: The Folio Society Limited.

4. Castillo, D. (2006). The Maltese Cross. United States of America: Praeger Security International.

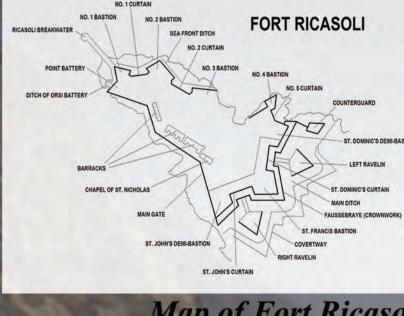
5. Clift, A. (1987). A Death in Geneva: A Novel. Maryland: Ballantine Books.









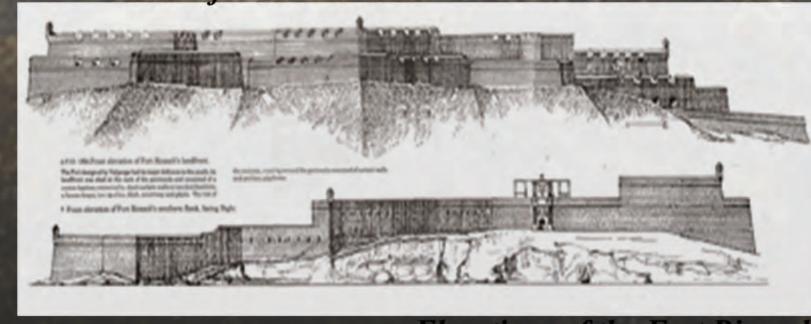


Plan of Fort Ricasoli

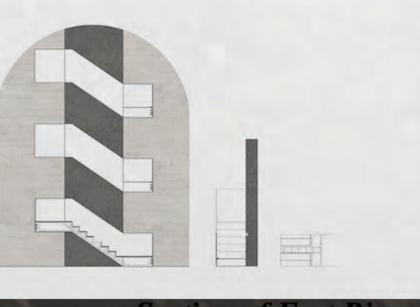
Old Plan of Fort Ricasoli

Ancient Time Fort Ricasoli Plan

Map of Fort Ricasoli







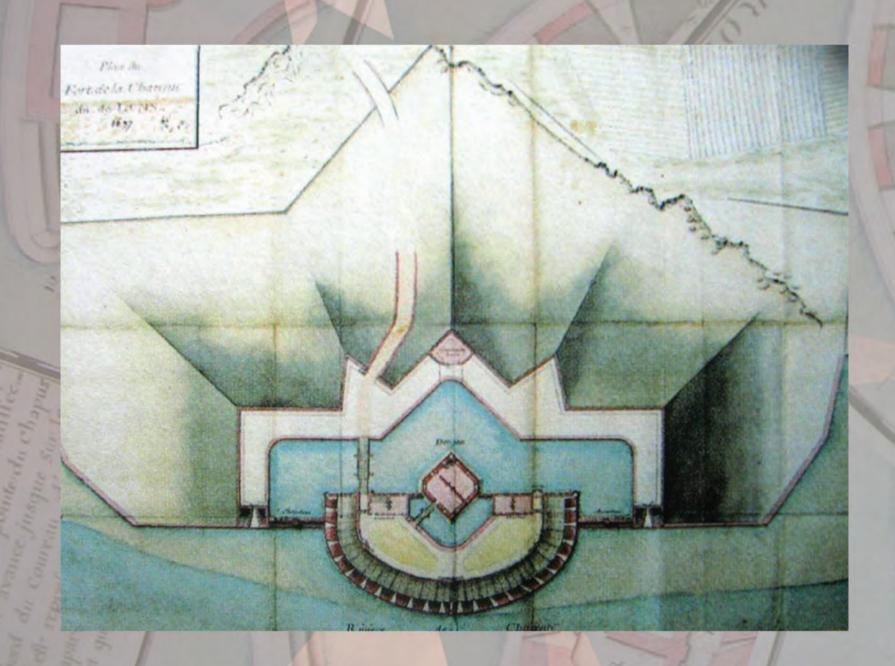
141501003 OGULCAN VURUSAN

Final Submission

FORD LUPHIN

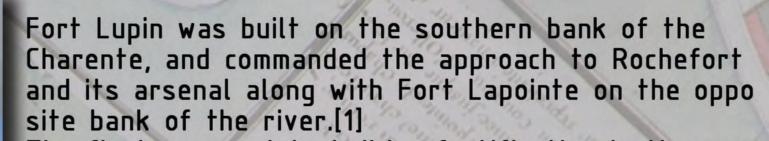
ARCHITECT: Francis Ferry Type: coastal fort Year:1683

Commune: Saint-Nazaire-sur-Charentes
Department: Charente-Maritime
Region: Poitou-Charentes
45°95'75" N; 1°03'28" 0





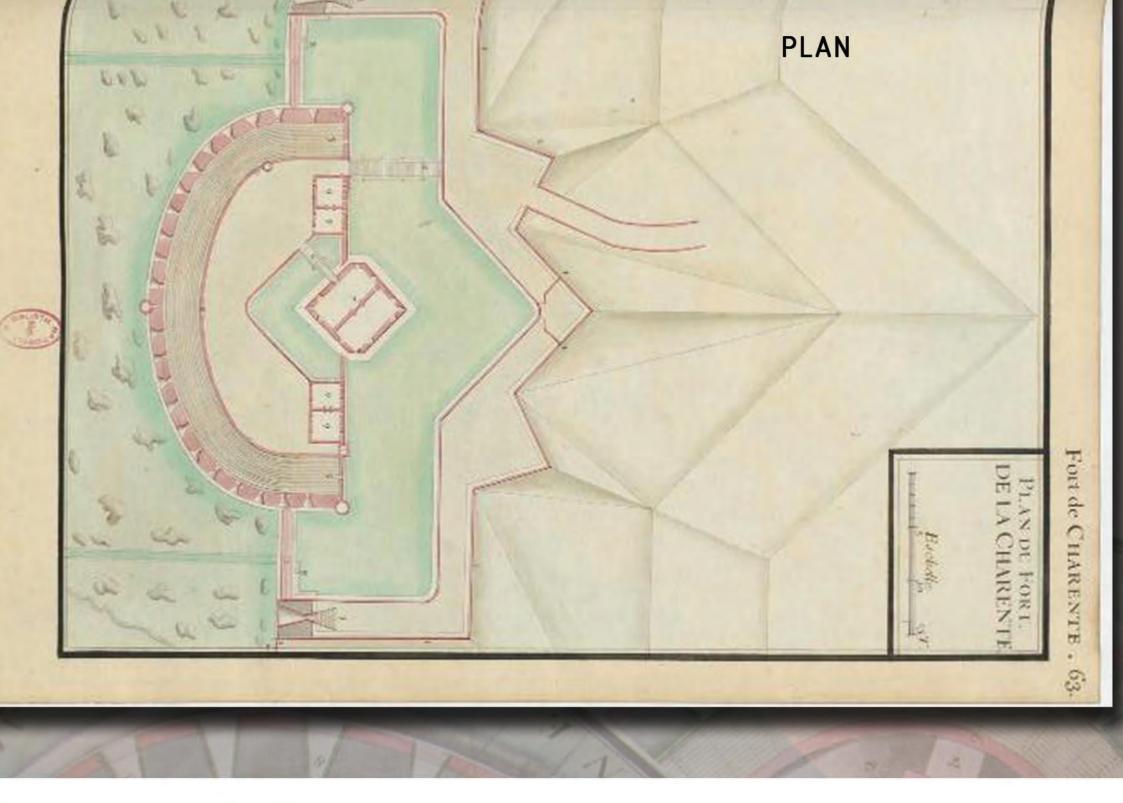


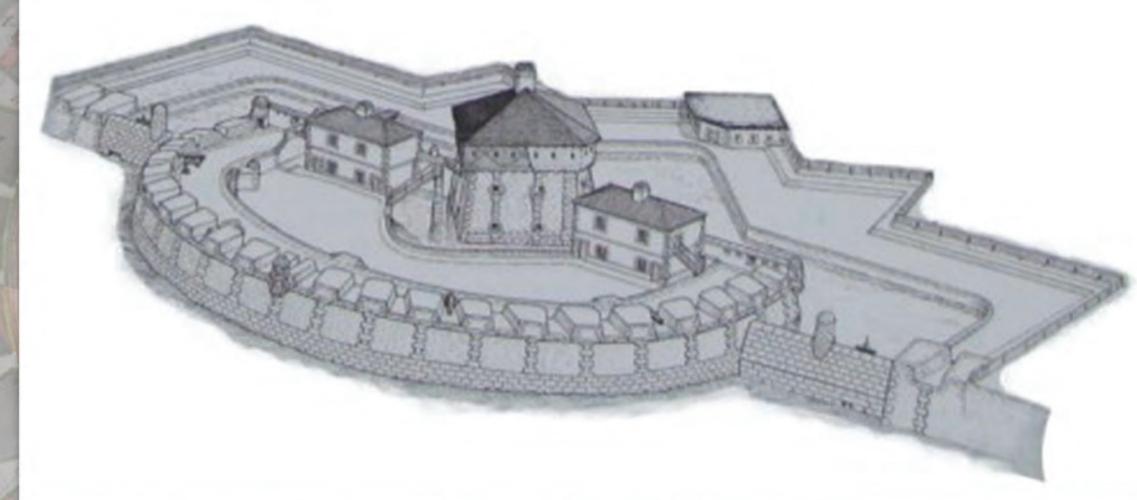


The first proposal to build a fortification in the area was made in 1672 by the engineer La Favolliere, and it was eventually built between 1683 and 1686. The fort's initial design was made by François Ferry, but the plans were extensively modified by Sébastien Le Prestre de Vauban, who reduced its size due to a lack of funds.



Besides Fort Lupin, the most representative of these beautiful forts are the near by Fort du Chapus, protecting the Oleron channel, the tow er and battery at Camaret near Brest and Fort Saint Louis, one of the forts guarding Toulon harbour.







View of the fort and its ditch

View from the west

Instructor

Student

131501462 NICHOLAS IBRAHIM FORT LUPIN | GIRNE KYRENIA OTHER NECESSARY INFORMATION

serial number / web-site address / contact information (if applicable)

The gate as seen from the glacis



FACULTY OF ARCHITECTURE, DESIGN & FINE ARTS
DEPARTMENT OF ARCHITECTURE
ARC1421 HISTORY OF MODERN ARCHITECTURE | SPRING 2016

Asst. Prof. Dr. Alessandro Camiz

month day, ye

Abstract: Just across the narrows from Canakkale and easily accessible by small ferry, Kilitbahir is a tiny fishing the Conqueror in 1452 and given a grand seven storey harbour domined by a massive fortress build by Mehmet the Conqueror in 1452 and given a grand seven storey harbour domined by a massive fortress build by Mehmet the Conqueror in 1452 and given a grand seven storey harbour domined by a massive fortress build by Mehmet the Conqueror in 1452 and given a grand seven storey harbour domined by a massive fortress build by Mehmet the Conqueror in 1452 and given a grand seven storey harbour domined by a massive fortress build by Mehmet the Conqueror in 1452 and given a grand seven storey harbour domined by a massive fortress build by Mehmet the Conqueror in 1452 and given a grand seven storey harbour domined by a massive fortress build by Mehmet the Conqueror in 1452 and given a grand seven storey harbour domined by a massive fortress build by Mehmet the Conqueror in 1452 and given a grand seven storey harbour domined by a massive fortress build by Mehmet the Conqueror in 1452 and given a grand seven storey harbour domined by a massive fortress build by Mehmet the Conqueror in 1452 and given a grand seven storey harbour domined by a massive fortress build by Mehmet the Conqueror in 1452 and given a grand seven Abstract: Just across the narrows from Canakkale and easily accessible by small ferry, Kilitbahir is a tiny fishing a seven storey interior tower a century later by Suleyman the Magnificent. The castle was built with rough-hewn stone interior tower a century later by Suleyman the Magnificent.

harbour domined by a massive fortress build by Mehmet the Conqueror in 1452 and given a grand seven stone interior tower a century later by Suleyman the Magnificent. The castle was built with rough hew castle has play interior tower a century later by Suleyman the Magnificent windows are made of white marble. The castle has play interior tower a century later by Suleyman the Magnificent windows are made of white marble. The castle has play interior tower a century later by Suleyman the Magnificent. interior tower a century later by Suleyman the Magnificent. The castle was built with rough-hewn stone a century later by Suleyman the Magnificent. The castle was built with rough-hewn stone of white marble. The castle has played a market of white marble. The castle was built with rough-hewn stone and windows are made of white marble. The castle year market of culture by the 1980 "Safeguarding" of Culture by completely. Openness is part of tile arched doors and windows are made of white marble. The castle has played in the latest tools are made of white marble. The castle has played in the latest tools are made of white marble. The castle has played in the latest tools are made of white marble. The castle has played in the latest tools are made of white marble. The castle has played in the latest tools are made of white marble. The castle has played in the latest tools are made of white marble. The castle has played in the latest tools are made of white marble. The castle has played in the latest tools are made of white marble. The castle has played in the latest tools are made of white marble. The castle has played in the latest tools are made of white marble. The castle has played in the latest tools are made of white marble. The castle has played in the latest tools are made of white marble. The castle has played in the latest tools are made of white marble. The castle has played in the latest tools are made of white marble. The castle has played in the latest tools are made of white marble. The castle has played in the latest tools are made of white marble. The castle has played in the latest tools are made of white marble. The latest tools are made of white marble has played in the latest tools are made of white marble. The castle has played in the latest tools are made of white marble. The latest tools are made of white marble has played in the latest tools are made of white marble. The latest tools are made of white marble has played in the latest tools are made of white marble. The latest tools are made of white marble has played in the latest tools are made of white marble has played in the latest tools are made of white marble has played in the latest tools are made of white marble has played in the latest tools are made of white marble has played in the latest tools are made of white marble has played in the latest tools are made of white marble has played in the latest tools are made of white marble has Cultural Heritage" has been registered.

Description:
The fortress of Kilitbahir is the second stronghold that Sultan Mehmet II build to control the Straits of analyse fortress on the Asian side, it is named Kilidul Bahr means.

The fortress of Kilitbahir is the Sultanive fortress on the Asian side, it is named Kilidul Bahr means. The fortress of Kilitbahir is the second stronghold that Sultan Mehmet II build to control the Straits of anakkale. Build in 1463 along with the Sultaniye fortress on the Asian side, it is named after the fortress. Canakkale. Build in 1463 along with the sear due to its strategic positioning: the village is also named after the fortress. 'the lock of the sea,' due to its strategic positioning: the village is also named after the fortress.

The trefoil shaped inner fortress, rising higher than high. Two of the courtyards have monumental doors are by gates. Its huge walls are 7 m. thick and 18 m. high. Two of the courtyards have monumental doors are by gates. Its huge walls are 7 m. thick and 18 m. high. Two of the courtyards have monumental doors are by gates. Its huge walls are 7 m. thick and 18 m. high. Two of the courtyards have monumental doors are by gates. Its huge walls are 7 m. thick and 18 m. high. Two of the courtyards have monumental doors. Canakkale. Build in 1463 along with the Sultaniye fortress on the Asian side, it is named after the fortress.

'the lock of the sea', due to its strategic positioning, the rest. consists of three courty and the rest. consists of the sea', the lock of the sea', due to its strategic positioning the rest. consists of the sea', the lock of the sea', due to its strategic positioning the rest. consists of the sea', the lock of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists of the sea', due to its strategic positioning the rest. consists The trefoil shaped inner fortress, rising higher than the rest, consists of three courtyards have monumental doors in other by gates. Its huge walls are 7 m. thick and 18 m. high. seven-storted tower stands in the court of the outer fortress. A 30 m. high, seven-storted tower stands in the court of the outer fortress. other by gates. Its huge walls are 7 m. thick and 18 m. high. Two of the courtyards have monumental doors in opening to the court of the outer fortress. A 30 m. high, seven-storied tower stands in the architectural plan, the opening to the court of the outer fortress. A 30 m. high, seven-storied tower stands in not directly linked to the outher fortress. With this innovative architectural plan, the opening to the court of the outer fortress. A 30 m. high, seven-storied tower stands in not directly linked to the outher fortress. opening to the court of the outer fortress. A 30 m. high, seven-storied tower stands in the centre the onher.

which this tower stands in not directly linked to the outlet fortress would have had to pass through one courtvard to the fortress would have had to pass through one courtvard to the fortress would have had to pass through one courtvard to the fortress would have had to pass through one courtvard to the fortress would have had to pass through one courtvard to the fortress would have had to pass through one courtvard to the fortress would have had to pass through one courtvard to the court of the court of the outer fortress. which this tower stands in not directly linked to the outher fortress. With this innovative architectural plan, the onher.

Which this tower stands in not directly linked to the outher fortress, would have had to pass through one courtyard of brickwork.

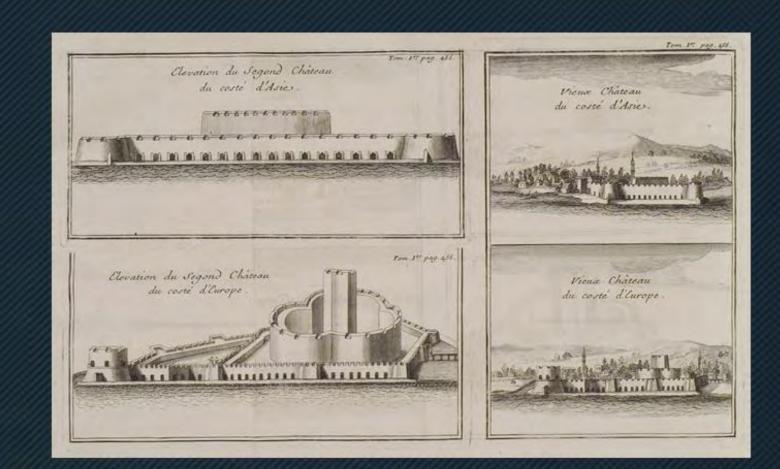
Thus, it was rendered extremely difficult to reach the main tower in the centre.

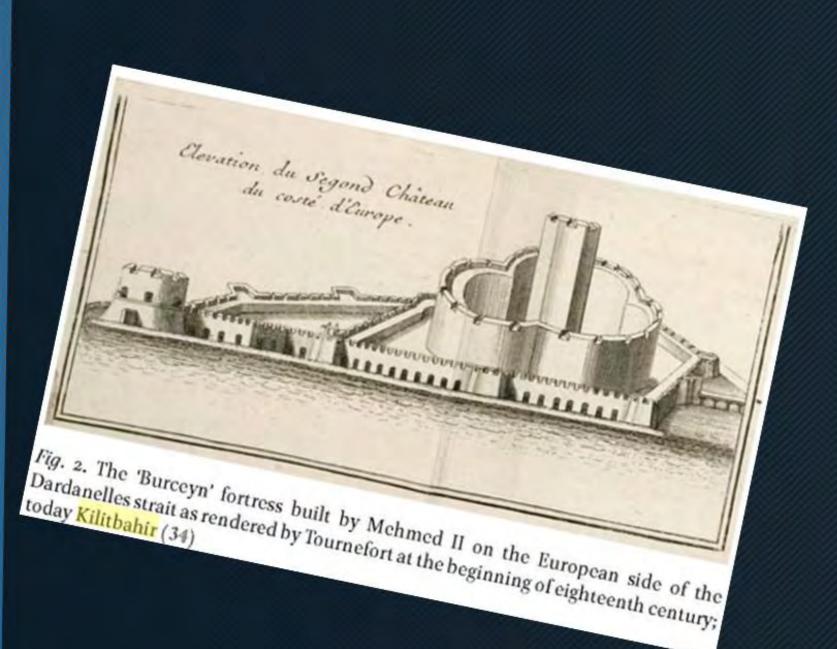
enemy forces that wanted to conquer the fortress would have had to pass through one courtyard to the onher.

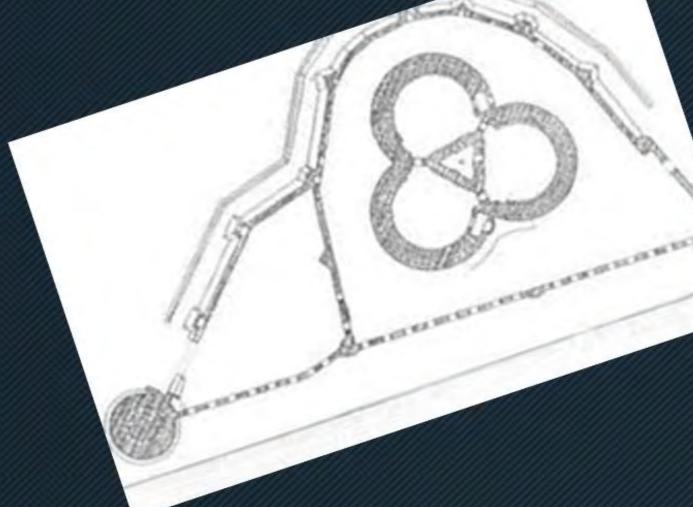
Thus, it was rendered extremely difficult to reach the main tower walls. It is understood that the tower walls it was rendered extremely difficult to reach the tower walls. It is understood that the tower walls it was rendered extremely difficult to reach the tower walls. It is understood that the tower walls it was rendered extremely difficult to reach the tower walls. Thus, it was rendered extremely difficult to reach the main tower in the centre. There are bands of brickwork to reach the main tower in the centre. There are bands of brickwork was divided by the second that the tower was divided by the second that the tower was divided by the second that the tower walls. It is understood that the tower walls. It is understood these floors with geometric designs on the upper parts of the tower walls led to each of these floors with geometric designs on the upper parts of the tower walls led to each of these floors. wooden flooring, and that wooden staircases build into the walls led to each of these floors.

The second fortress constructed in 1541 in the reign of Suleyman I adjoins the original one fortress constructed in 1541 in the reign of Suleyman I adjoins the original one for the second fortress constructed in 1541 in the reign of Suleyman I adjoins the original one for the second fortress constructed in 1541 in the reign of Suleyman I adjoins the original one for the second fortress constructed in 1541 in the reign of Suleyman I adjoins the original one for the second fortress constructed in 1541 in the reign of Suleyman I adjoins the original one for the second fortress constructed in 1541 in the reign of Suleyman I adjoins the original one for the second for the The second fortress constructed in 1541 in the reign of Suleyman I adjoins the original one forming an almost riregular figure eight shape. A monumental tower of 21 m. in diameter stands in its southernoon.

The second fortress constructed in 1541 in the reign of Suleyman I adjoins the original one forming an almost rivers and the second substitution of the second fortress constructed in 1541 in the reign of Suleyman I adjoins the original one forming an almost rivers and the second fortress constructed in 1541 in the reign of Suleyman I adjoins the original one forming an almost rivers and the second fortress constructed in 1541 in the reign of Suleyman I adjoins the original one forming an almost rivers and the second fortress constructed in 1541 in the reign of Suleyman I adjoins the original one forming an almost rivers and the second fortress constructed in 1541 in the reign of Suleyman I adjoins the original one forming an almost rivers and the second fortress constructed in 1541 in the reign of Suleyman I adjoins the original one forming an almost rivers and the second fortress constructed in 1541 in the reign of Suleyman I adjoins the original one forming an almost rivers and the second for the with geometric designs on the upper parts of the tower walls. It is understood that the floors wooden flooring, and that wooden staircases build into the walls led to each of these digital one. The second fortress constructed in 1541 in the reign of Suleyman Ladioins.







· 1463 first built by Sultan Mehmet

20

1465 powered by Navy commander Yakup

• 1541 the castle restored by Sultan Suleyman

1870 restored second time by Sultan Abdulaziz

1893 rebuilt by Sultan Abdulhamid II

1894 Added interior walls by Sultan Abdulhamid II

1980 the castle used for culture heritage to now



Figure 2. General view of the Kilitbahir Castle from the sea and air.

Paulo. J.S. Cruz (2013). Structures and Architecture: New concepts, applications and challenges. Francis Group London

New concepts, applications and enanenges. Programmers and enanenges. Progra

591 A.Turer, Middle East Technical University, Civil Engineering Department, Ankara, Turkey • information of Evliy ā Çeleb ī, s Journey from Information of Evily a Çeleb 1 S Journey from the Fifth Bursa to the Dardanelles and Edirne: From LEIDEN-BOSTON. Page:

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• Bainbridge, J. (2013). Discover Turkey. Footscray, Vic., Australia: Lonely Planet Publications. • Ciçek, K., Kuran, E. and Eren, G. (2000). The great Ottoman-Turkish civilisation. Ankara: Yeni Türkiye.



Clevation du Segond Châtean du costé d'Europe

Nevzat YILDIZ



Château d'If, Island of If, Marseille, France.

Description:

Château d' If it is a small island near Marseille. The big castle located on the Chateau d'If Island. Castle have square shape and on the three sides are 3 towers. These three towers have circle shape and this towers on different levels. These towers have names and you can see down on the pictures. Towers names are:

- 1) Tour Saint Christophe
- 2) Tour Saint Jaume
- Tour Maugovert

The Tour Saint Jaume (second tower) and Tour Maugovert (third tower) towers have the same level as the square part of castle. Tour Saint Christophe (first tower) has a different level. First tower is the highest one. This tower is higher than Tour Saint Jaume, Tour Maugovert and square part of the castle. Castle all made of the same material, but three towers looking different at the tops. Tour Saint Christophe (first tower) the higher one, on the top there is a piece with the circle shape and cut-offs. Perhaps it served as a defense or for the signal, because this castle was build for the defense. Tour Saint Jaume(second tower) and Tour Maugovert(third tower) t the towers that have same level. There are different on the top. Tour Saint Jaume(second tower) has a flat surface on top without the cuts. Tour Maugovert(third tower) has cuts like first tower. Castle has a very small windows or a little openings for the light, probably because this castle was a prison also. The main entrance to the castle is located between second and third towers. Entrance to the castle is the arch. I think that the arch looking small for this big castle. If we look at the castle from the top we can see the open space in the middle of square part of the castle. Below I put the photo that shows the inside of the open space. Inside the open space is a staircase that goes upstairs to another floor. There windows rectangular or square shape and arches that lead to different spaces. And in the middle of open space is a well for the water. Now the castle is a place for tourists and visitors. This castle is a prison where was imprisoned Edmond Dantes main hero of the novel "Count of Monte Cristo".



Elevation of Château d'If

Château d'If

Year of construction: 1524-1531 Place: If Island, Marseille Country: France

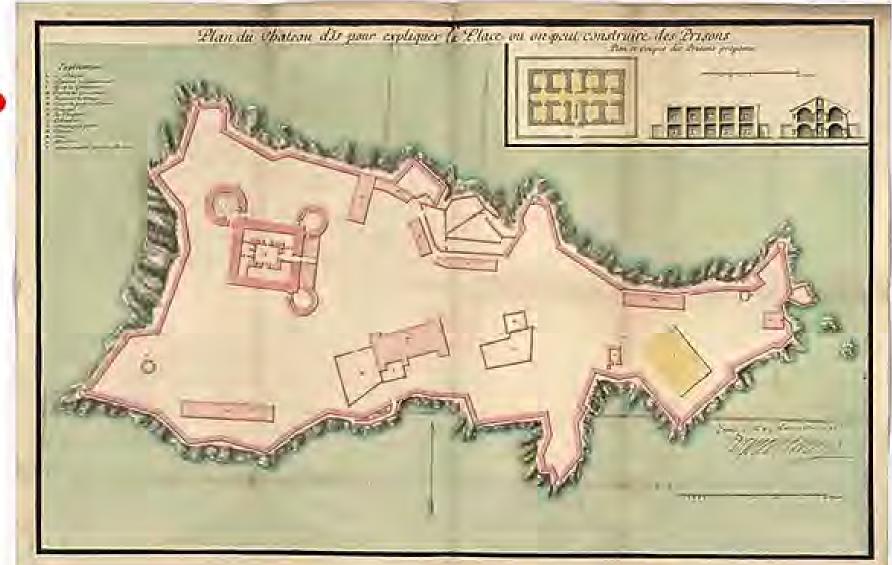
Chronology:

- 1477- In the port of Marseilles passed health and quarantine standards.
- 1477- Swiss victory over Charles the Bold at the Battle of Nancy
- 1477- New chapel replaced the old De la Garde
- 1481 Marseille has teamed up with Provence
- 1482- Marseille joined to the French Kingdom
- 1483- Louis XI, King of France died
- 1483- Charles VIII became King of France 1486- Marseille becomes part of France
- 1512- Vieux port in Marseille was build.
- 1516- King Francis I visited the Chateau d'If island.
- 1519-1547 Chateau de Chambord is built in Chambord, France.
- 1524- King Francis assisted the citizens of Lyon to finance the expedition of
- Giovanni de Verrazano to north America.
- 1524- The first stone was laid on Chateau d'If.
- 1527- Construction began on Chateau d'if
- 1527- Al Hamra Castle is built in Granada, Spain.
- 1529- Tour Saint Christophe, first tower of the castle on Chateau d'If was build.

References:

Publications.

- 1531- Tour Saint Jaume, second tower of the castle on Chateau d'If was build.
- 1531- Tour Maugovert, third tower of the castle Chateau d'If was build.
- 1531- Construction of the Castle was completed.
- 1536- King Charles V of Spain was preparing for an attack on Marseille,
- he changed his mind, perhaps, just by looking at the castle on Chateau d'If.
- 1542- The church Église Saint-Ferréol les Augustins dedicated.
- 1544- The chapel De la Garde was expanded, reconstructed and lighted.
- 1546- Almudena Cathedral is built in Madrid, Spain.
- 1546-1550 Fort Santiago Chikly is built in Tunisia.
- 1548- Fort Stella is built in Port Ercole, Italy.
- 1552-1570 Fort Saint Elmo is built in Valletta, Malta.
- 1552-1581- Fort Saint Michael is built in Senglea, Malta.
- 1552- Fortifications of Senglea is built in Senglea, Malta.
- 1555- The Castle of Lerici is built in Lerici, Italy.
- 1557- Castello Brown is built in Portofino, Genoa, Italy.
- 1567-1571- Payas Castle is built in Hatay, Turkey.
- 1570- Paphos Castle is built in Paphos, Cyprus.
- 1573 Pylos Castle (Niokastro) is built in Pylos, Messinia, Greece.
- 1573-1580 Fortezza Castle is built in Rethymnon, Greece.
- 1577-1604 Fort Santa Cruz is built in Oran, Algeria.
- 1580- Chateau d'If castle became a state prison.
- 1591 Marseille refused to recognize King Protestant Henry IV.
- 1696-1713-imprisoned many Protestants have been concluded.
- 1830- In castle Chateau d'if ceased to put the criminals.
- 1830- The Castle Chateau d'If officially ceased to be a prison.
- 1860 La Canabiere street construction was completed
- 1871 In this island kept the Paris Commune leaders, and its head of
- Gaston Cremieux was shot on the island Chateau d'If.
- 1890- The castle was open to the public.
- 1926- Castle was declared a historical monument.



Tour Saint-Christophe

1) Dydo, U., Rice, W. (2003). Gertrude Stein: The Language That Rises:

2) Brooke, A.E., Jordy, N., Sommer, L., & Sussman, A. (2007). MTV

France. Hoboken, New Jersey, 111 River St., USA: Wiley Publishing, Inc.

4) Ménissier, C., Marguerite, M-E., Lambert, T. (1813). Le Château d'If:

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5) Williams, N., Nevez, C. (2007). Provence & the Cote A'zur. Lonely Planet

3) Faucherre, N., Brighelli, J-P. (2006). Château d'If and the Forts of

1923-1934. USA: Northwestern University Press.

Marseille. Monum: Éd. Du patrimoine.

comédie en un acte et en vaudevilles.

3

1. Tour Saint Chirstophe 2. Tour Saint Jaume

Plan of the Château d'If. 3. Tour Maugovert

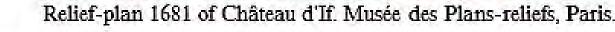
Plan of the Château d'If.



Inside the castle.

Side plan, France, 1743.

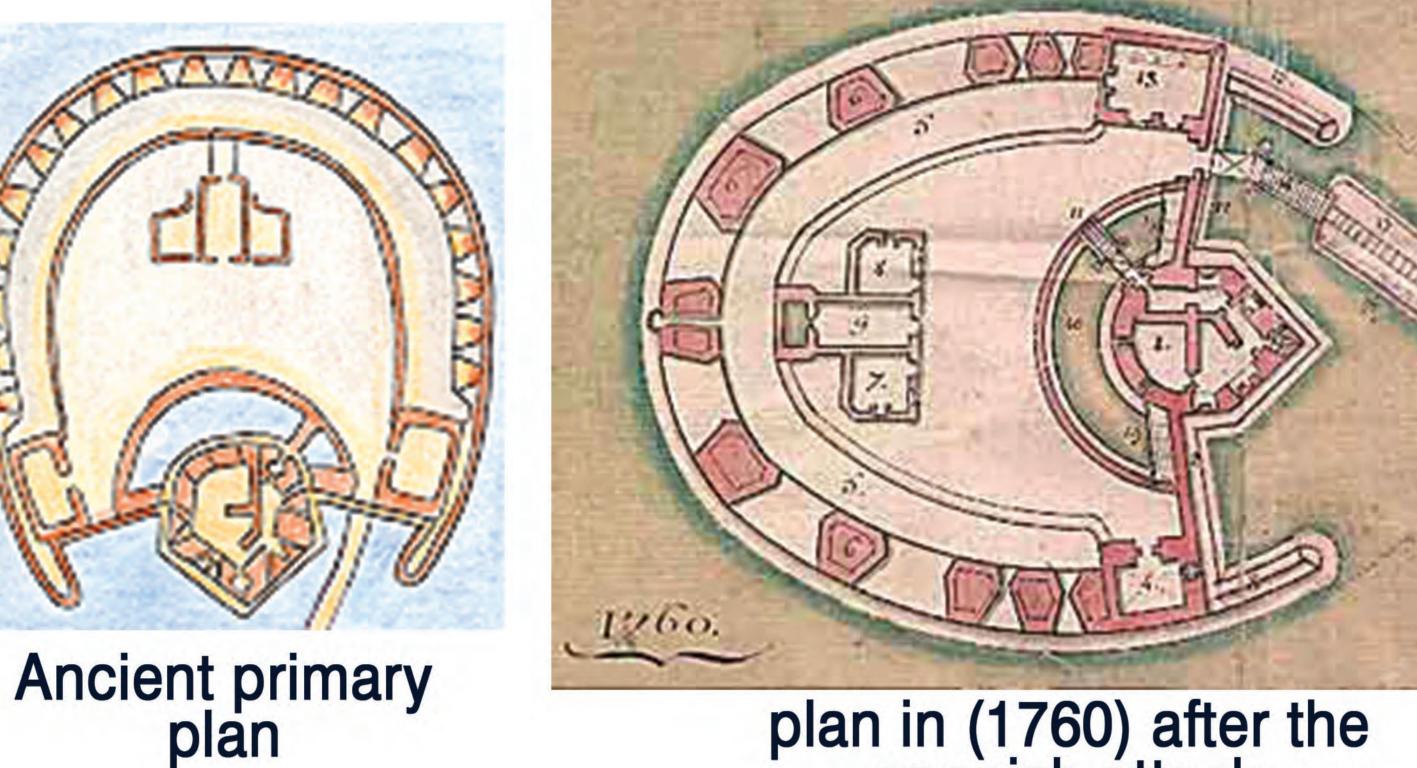




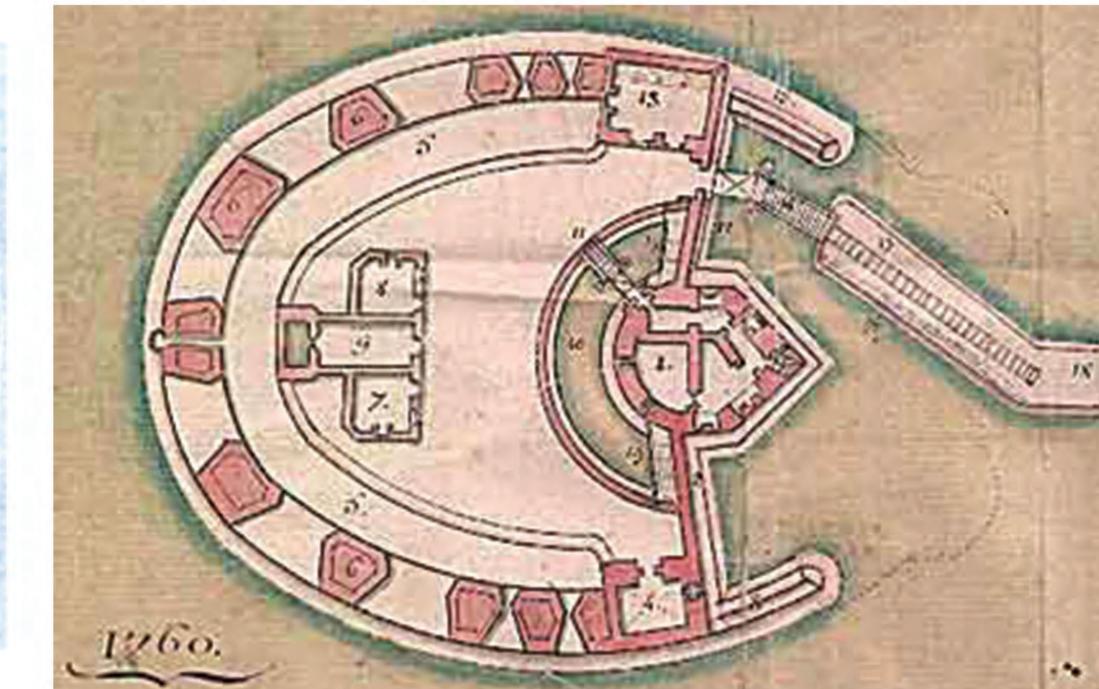




FORT LOUVOIS "Chapus Fort"



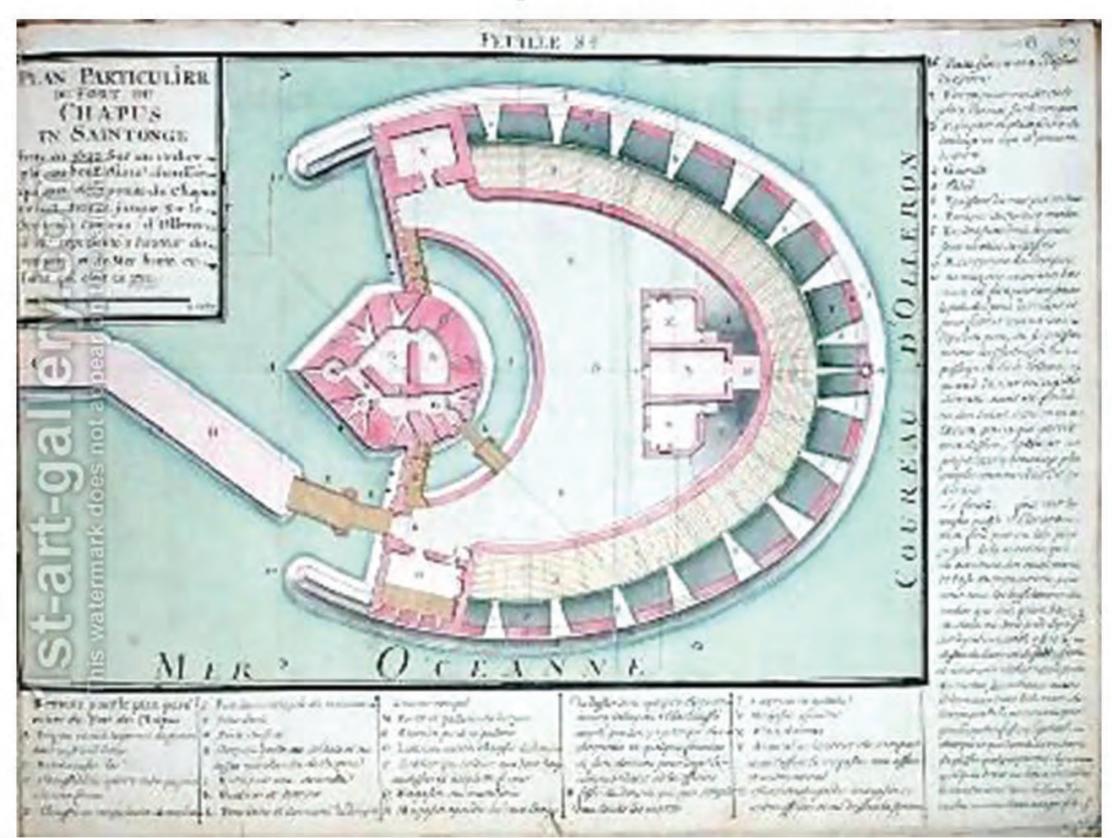
plan in (1760) after the spanish attack



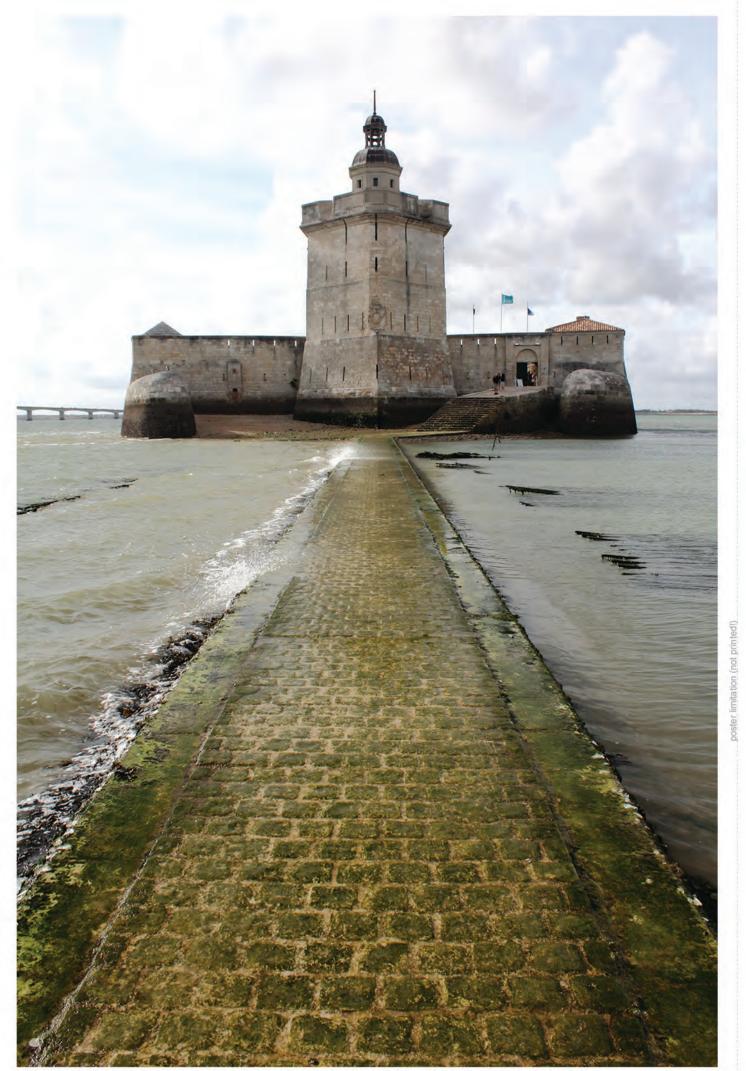
Plan & section



Cross sections & Elevation



Plan "2"



The long walk way towards the fort

LOCATION: town of Bourcefrancle-Chapus.

ARCHITECT: François Ferry Vauban.

YEAR OF CONSTRUCTION: 1691-1694.

Abstract: A small fortification that gives a huge dominance;

I chose it because I liked the feeling of strength and greatness when looking at it, despite the size of it, also the design of the fort is well created for many reasons, such as the long walkway towards the fort, and the round shape hence for extra precaution and protection for the

Also the centered circular tower is high enough for further eye view for similar reasons.

Alessandro CAMIZ

The Citadel of Damascus

Building name: Citadel of Damascus

Year of construction: 1076–1078 and 1203-1216

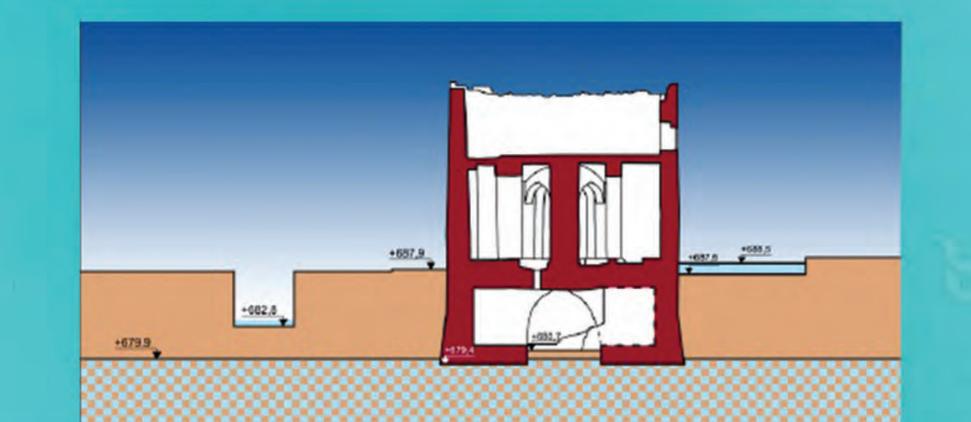
Architect: Atsiz bin Uvak and Al-Adil I

Place: Damascus

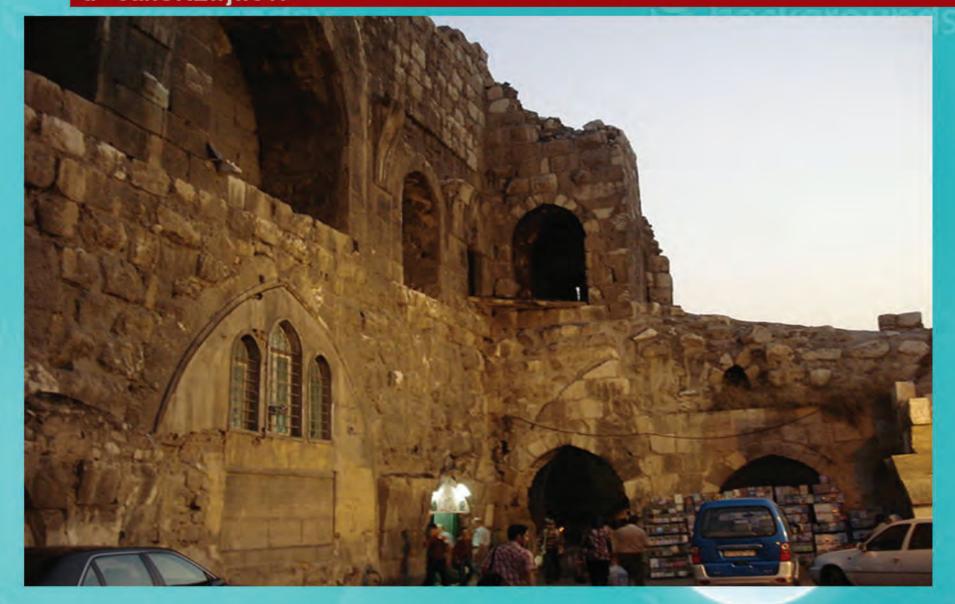
Country: Syria

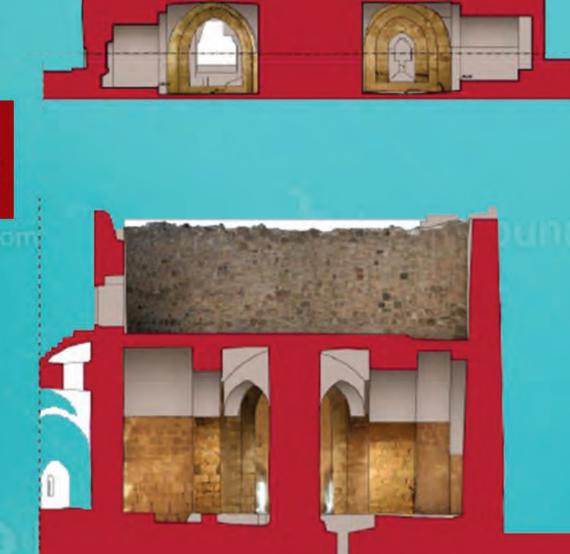
Geographical coordinates: 33.511667°N 36.301944°E

The current castle site was established in the year 1076 AD byBen Atsaz Oouk a warlord Turkmen and Damascus Citadel was built on level ground at the same level of the the rest of the city of Damascus, unlike most castles in the Middle Ages which was located on the hills prominent peaks . they Found on the castle 12 towers , so there is only one tower at each corner and three along both the North and South of the castle walls and two in the East, was the castle originally 14 towers, but the two towers that were on the west wall collapsed because of the earthquake that hit Damascus in 1759 and there are three gates are located in the castle, one in the North side and one on the eastern side, while the third is in the West End.



on between water and structures





Tower 8. Vertical section

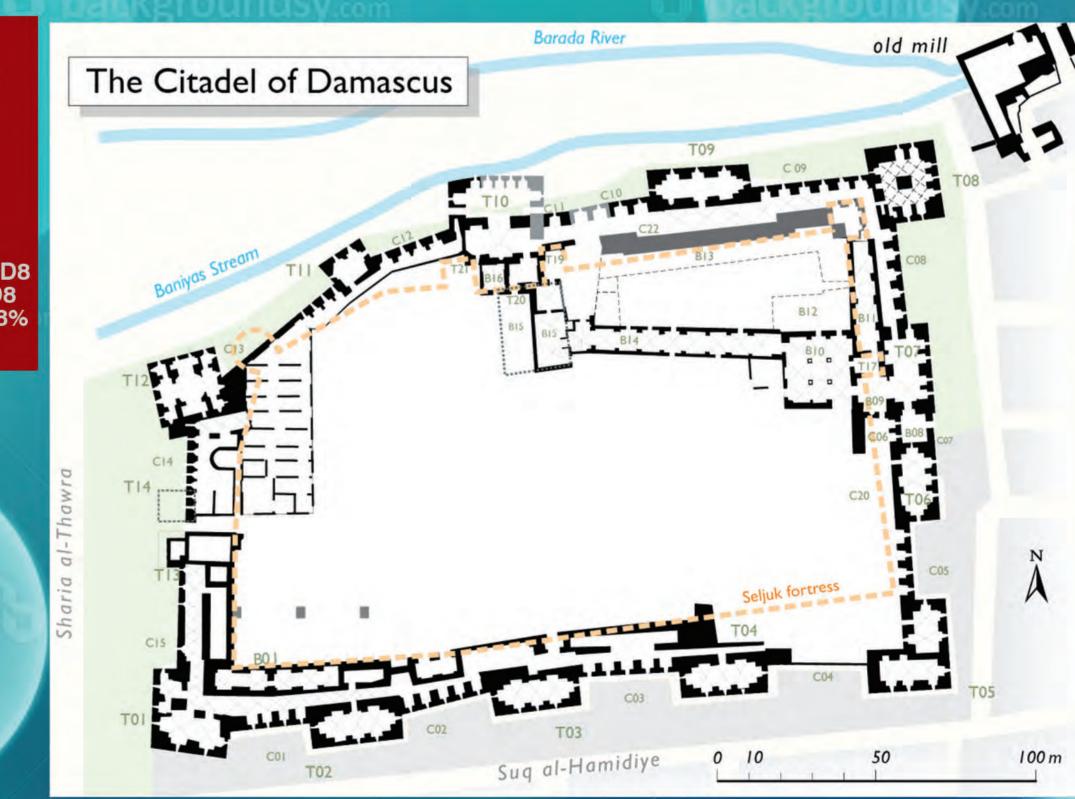
nttp://www.castles.nl/damascus-citadel

Street along the northern wall of the citadel, the gate in the background was once part of the northern gate of the citadel

http://www.iqtesaduna.com/wp-A9.jpg

plan of the citadel of

https://www.google.com.cy/search?q=plan+of +damascus+plan&espv=2&biw=1517&bih=74 1&source=Inms&tbm=isch&sa=X&ved=0ahUK Ewj72eWCqvHMAhUJWxoKHY9sBx8Q AUIBigB &dpr=0.9#imgrc= WU-HCY7Xb34M%3A



FINAL SUBMISSION

FORTIFICATIONS OF THE RHODES

(PALACE OF THE GRAND MASTER)

PLACE: Rhodes, Greece

YEAR: 7th. Century (Citadel)

1937-1940- (Restoration Work)

ARCHITECTS: Byzantine Empire Knights Hospitaller Kingdom of Italy

15th. Century (Palace)

ABSTRACT

The palace of the Grand Master of the Knights of Rhodes is a mediavel castle in the city of Rhodes. Rhodes is a island in the Greece. It is good example of Gothic Architecture in Greece. Rhodes Castle was founded in the 7th century as a Byzantine Citadel. After the Knights Hospitaller occuiped Rhodes and some Greek islands in 1309, they converted the fortress into their administrative centre and the palace of their Grand Master. In the first quarter of the 14th century, they repaired the palace and made a number of major modifications. The palace was damaged in the earthquake of 1481, and it was repaired soon afterwards. After the island was captured by the Ottoman Empire, the palace was used as a command e and fortress. The lower part of the palace was

DESCRIPTION

Rhodes Castle is part of the Medieval old town on Rhodes. The medieval town contains a number of different architectural styles, due to its history. Gothic architecture is often seen in the city.

There are 11 gates to access the old city. Some of them are ancient, some are modern. The names of these Gates: Gate d' Amboise, Gate of Saint Athanasios, Gate of Saint John. Acandia Gate, Gate of Saint Catherine, Gate of the Virgin, Marine Gate, Arnaldo Gate, Gate of the Arsenal, Gate of Saint Paul, Liberty Gate.

This castle has 8 units bastion and tower. The names of these: Bastion of Saint George, Bastion of Italy, Naillac Tower, Windmills Tower, Tower and Fort of Saint Nicholas, Terreplein of Spain, Terreplein of England, Terreplein of Italy.

The Palace of the Grand Master of the Knights of Rhodes, It is good examples of Gothic architecture in Greece. The castle was used as a material in the construction of the limestone. he lower part of the palace was severely damaged by a nition explosion in 1856. As a result, many rooms in d. During the Italian rule of Rhodes,

CHRONOLOGY(1397-1522)

1397- Philibert de Naillac is selected for 35. Grand Master of the Rhodes

1399-Sudden capture of SMYRNE by TAMERLAN.

1417-Unity of the order is reestablished.

1419-NAILLAC withdraws: his Lieutenant organizes the succession at the head of the Council.

1421-Antonio FLUVIAN, Lieutenant Grand Master is elected.

1428- Meeting of the general Chapter in RHODES in the midst of general war.

1437-FLUVIAN dies after having built new infirmary. Jeande BOMPAR de LASTIC is elected. 1440-The Mameluke sultan of Egypt tried without success to conquer the town sieging it for

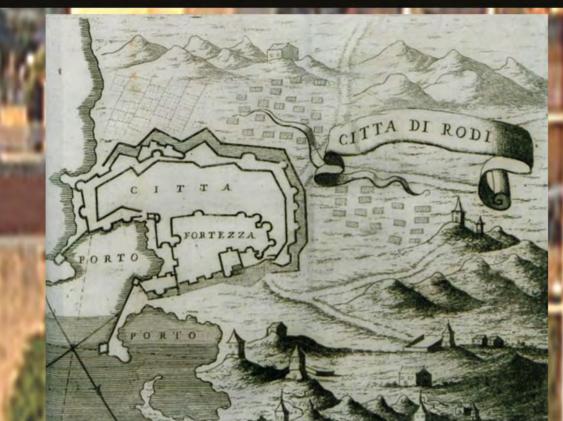
1445 - Peace treaty with Egypt and exchange of prisoners.

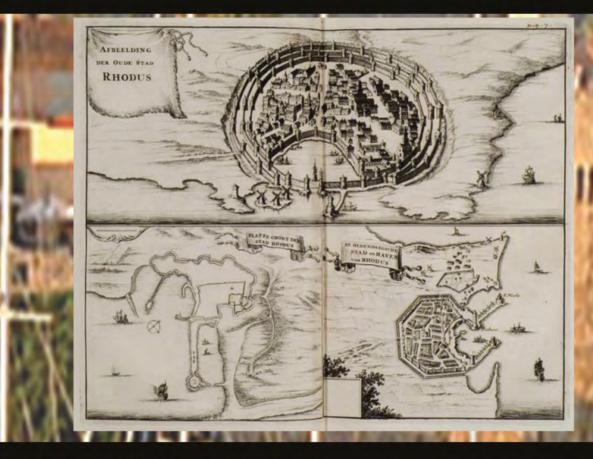
1453, (May 19th)- CONSTANTINOPLE falls into the hands of the Turks.

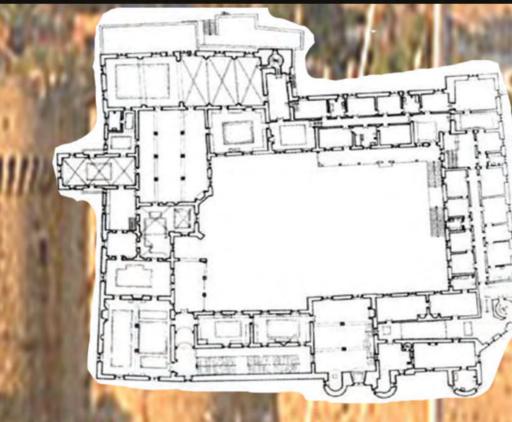
1454- Grand Master LASTIC dies. Jacques de MILLY is elected.

1457-1465- Rhodes Castle is extended 42 hect ares by Grand Master Antonio Fluvian de



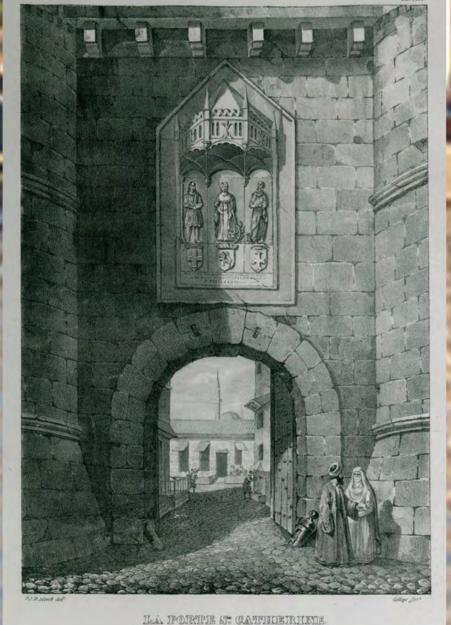


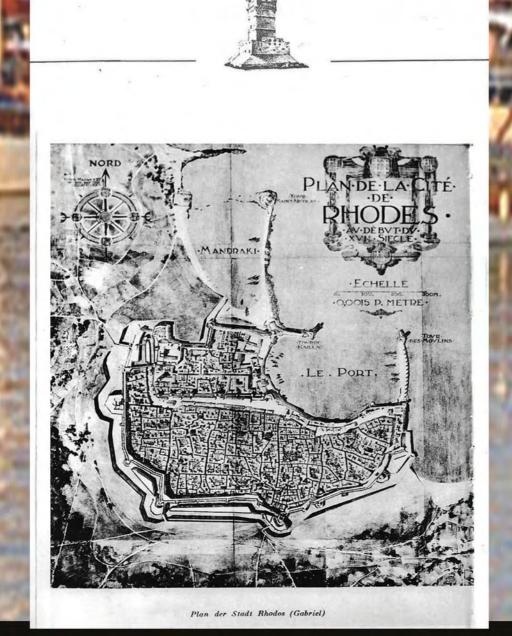


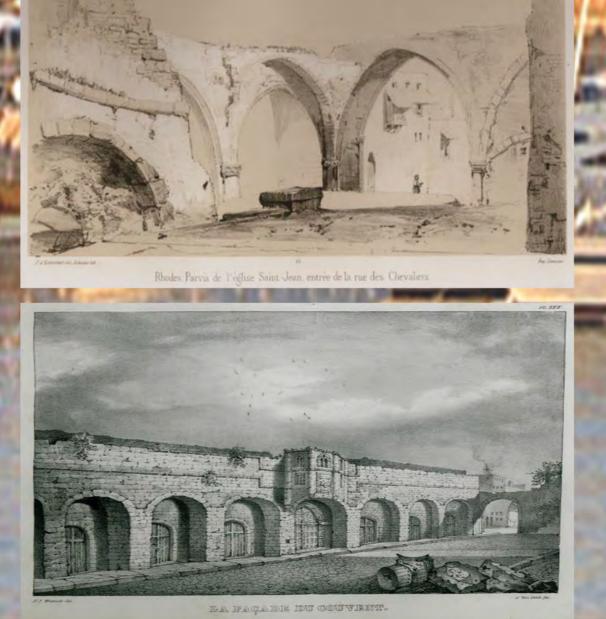




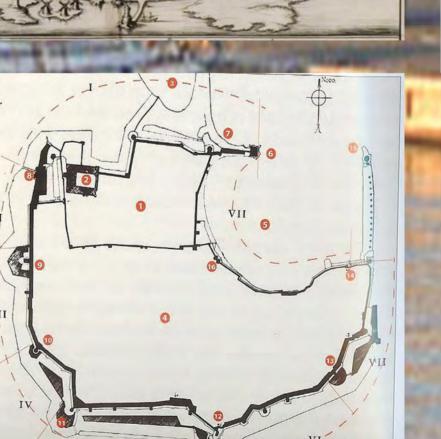


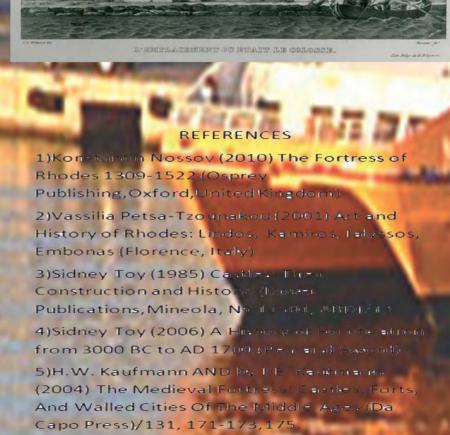














GIRNE AMERICAN UNIVERSITY FACULTY OF ARCHITECTURE, DESIGN & FINE ARTS Department of Architecture

Instructor

Asst. Prof. Dr. Alessandro CAMIZ

Student

151501031 MEHMET YEŞİLDAL

RHODES CASTLE | RHODES, GREECE PALACE OF THE GRAND MASTER

TOUR ROYALE, THE HARBOR FORT OF TOULON

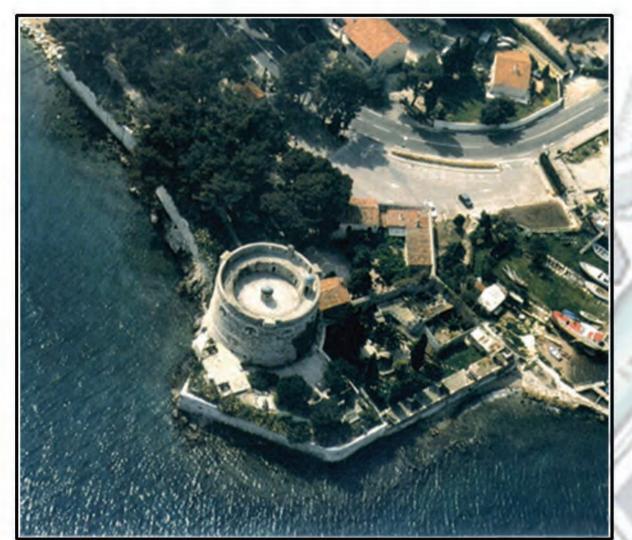
BUILDING NAME: TOUR ROYALE YEAR OF CONSTRUCTION: 1514-1524

ARCHITECT: GIAN-ANTONIO DELLA PORTA

PLACE: TOULON COUNTRY: FRANCE

GEOGRAPHICAL COORDINATES: 43° 6′ 9.702"N 5° 55′ 33.628" E

HEIGHT ON SEA LEVEL: 6 METRES



TOUR ROYALE STRATEGICALLY BUILT ON A CAPE AT THE ENTRANCE OF THE HARBOR TO FIRE AT ENEMIES COMING FROM THE SEA



IT WAS DESIGNED LIKE A TORRIONI, A ROUND TOWER WITH A CANNON DERIVED FROM RENAISSANCE ITALY AND THE TOWER WAS SURROUNDED BY A MOAT.



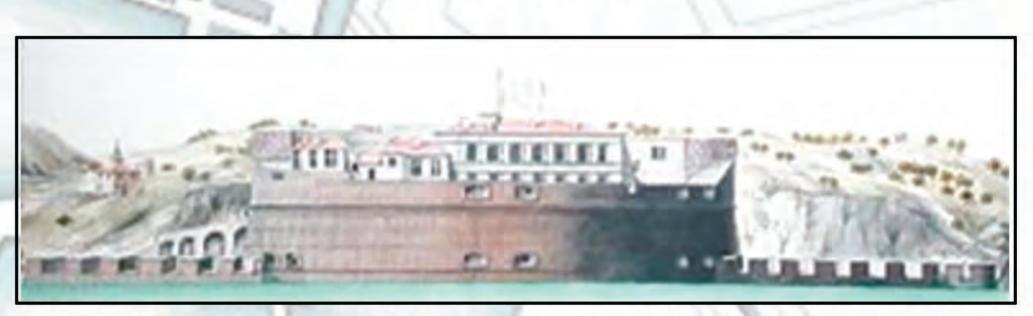
CHRONOLOGY

- 1475 ROMAN POWER OVER THE CITY OF TOULON CRUMBLES
- 1475 Frequent attacks subjected on the city of Toulon and the rest of the Provence by Barbarians, SARACENS AND PIRATES.
- - PROVENCE BECOMES A PROVINCE OF FRANCE
- 1494 Charles VIII of France begins the construction of a military port at the harbor of
- THE CITY OF TOULON, ALTHOUGH FORTIFIED, IS CONSTANTLY ATTACKED FROM THE HARBOR
- THE BISHOP OF TOULON INTERCEDES FOR THE PEOPLE OF TOULON AND REQUESTS THAT A FORT IS BUILT BY THE HARBOR
- 1513
 - THE FORT, TOUR ROYALE, IS COMMISSIONED BY KING LOUIS XII
- 1513 ITALIAN ENGINEER AND ARCHITECT, GIAN-ANTONIO DELLA PORTA ARRIVES AT THE PORT OF TOULON TO DESIGN AND BUILD THE FORT
- 1514 CONSTRUCTION OF THE TOUR ROYALE BEGINS ON THE CAP DE LA MANEGUE, THE ENTRANCE OF THE HARBOR TO PROTECT THE CITY
- 1524 The fort is finally completed after overcoming financial obstacles, at the cost of 30,000 FLORINS; AND IS REFERRED TO AS 'LA GROSSE TOUR' BY RESIDENTS OF TOULON BECAUSE OF ITS LARGE SIZE.
- · 1524 ARMY OF CHARLES V, HOLY ROMAN EMPEROR INVADES PROVENCE
- 1524. Tour Royale is occupied by 300 Spanish mercenaries
- 1531 After the departure of the Imperial army, the Tour Royale's underground cells are used as a
- 1543 Francis I forms a temporary alliance with the Ottoman Sultan Suleiman the Magnificent
- 1543 The Ottoman fleet spends the winter in Toulon Harbor; the Tour Royale is used to store all "THE ARTILLERY UNTIL THE OTTOMAN FLEET DEPARTS
- 1562 The 36 year long French War of Religion, the name of a period of civil infighting and military OPERATIONS BETWEEN CATHOLICS AND PROTESTANTS BEGINS.
- 1572 The commander of the fort, Tour Royale, Nicolas de Pignan, gives asylum to Protestant FAMILIES OF TOULON AFTER THE MASSACRE OF PROTESTANTS IS MADE KNOWN



A FORTIFICATION OF THE MEDITERRANEAN COAST

PLAN OF THE ROYAL TOWER WAS ELEVATED IN RESPECT TO THE RELIEF PLAN OF THE CITY OF TOULON



ELEVATION OF THE ROYAL TOWER SHOWS EMBRASURES ON THE TOP OF THE TOWER, SURROUNDING PROJECTIONS AND WIDE PORTS LOWER DOWN ALL DESIGNED TO FIRE GUNS AND AMMUNITION



SECTION OF THE ROYAL TOWER REVEALS HOW THE WALL THICKNESS VARIES FROM 5 M TO 3 M, TO ACCOMODATE A CENTRAL CORE AND MILITARY-PRIORITIZED SPACES

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LEPAGE, J.G.G. (2009). FRENCH FORTIFICATIONS, 1715-1815: AN ILLUSTRATED HISTORY. NORTH CAROLINA: MCFARLAND & COMPANY, INC, PUBLISHERS. GRIFFITH, P & DENNIS, P. (2006). THE VAUBAN FORTIFICATIONS OF FRANCE. NEW YORK: OSPREY PUBLISHING LIMITED.

Alessandro CAMIZ

110303100 Lethukuthula SIBANDA

FORTIFICATIONS OF THE MEDITERANEAN TOULON, FRANCE
A Historical Analysis and Architectural Study of Tour Royale, the Harbour Fort of Toulon

lethusibanda@yahoo.co.uk



Architect: Louis Philippe

Place

: Pireneler

Country: France

Coordinates:42*53'K00*33'D

Height

Chronological Process of Fort Du Portalet Castle

1842- The Castle's construction started.

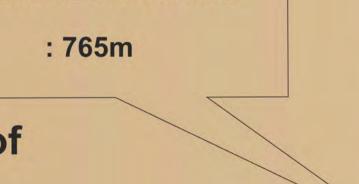
1870- The Portalet Castle's consturction is completed. **1871-1925** It emptied for military area.

1925-1939 Restored as summer holiday place for the government employers.

1939-1945 The Vichy regime arrested and interned Léon Blum, Edouard Daladier, Paul Reynaud, Georges Mandel and Maurice Gamelin as political prisoners at the fort.

1945- Phillippe Pétain who is the head of Vichy government, was imprisoned in the fort. 1999- Local Government authorities bought the land for the restoration.

1999-2016 Historical place for he tourists.



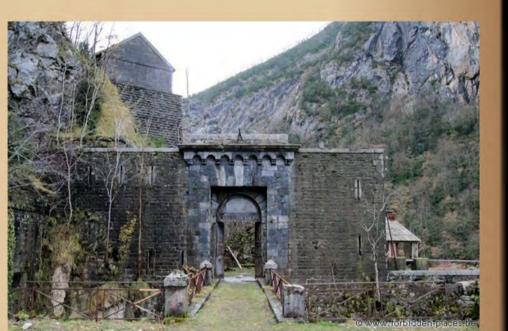
Fort Du Portales

The Portalet castle known as Fort du Portalet is a fort in the Aspe Vallet upper than 765mt from sea level in Bearn, French Pyrenees. It built between 1842 to 1870 by King Louise Phillipe I. At the same time, it located to border of Spain and this location has a great importance. It designed to keep 400 soldiers that means it can defend for a week under attack. Fort du Portalet used for Pau infantry regiment between 1971-1925. After that time it was emptied for military area. Until 1939, there was used for government employers in summer holidays. During WWII, the Vichy regime arrested and interned Léon Blum, **Edouard Daladier, Paul Reynaud, Georges** MAndel and Maurice Gamelin as political prisoners at the fort. After the war, Phillippe Pétain who is the head of Vichy government, was imprisoned in the fort in 1945. After the government abandoned the fort, it was bought by the local authorities in 1999. When they bought the area, the castle was a ruin. They restored it and fixed the stairs. Nowadays it is open for tourist view.

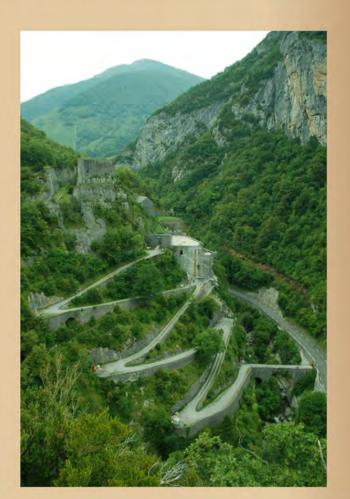


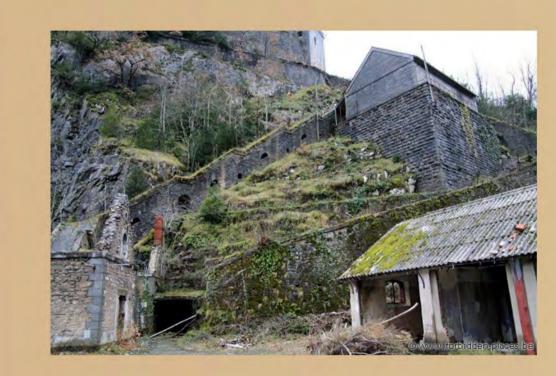










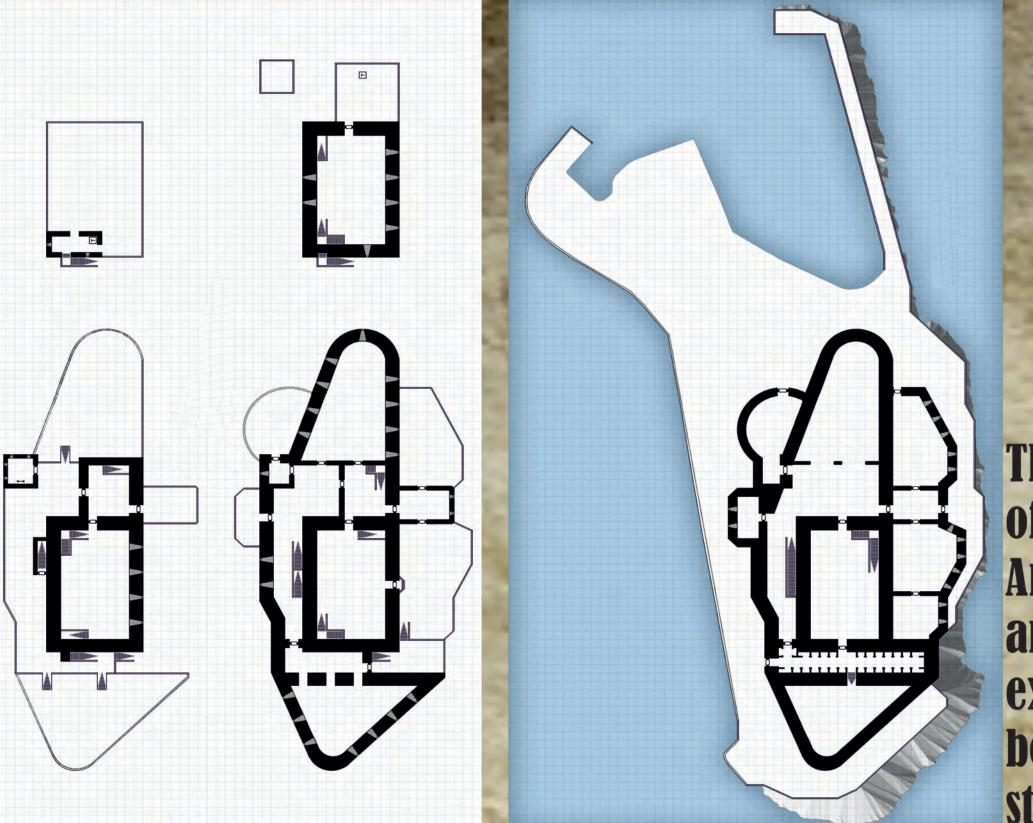


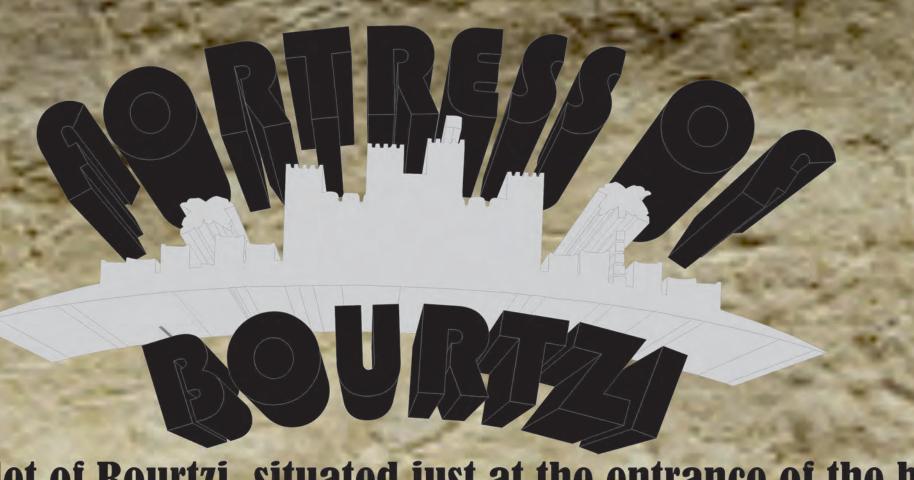




Asst. Prof. Dr. Alessandro Camiz

Kubilay BAHADIR 131502138

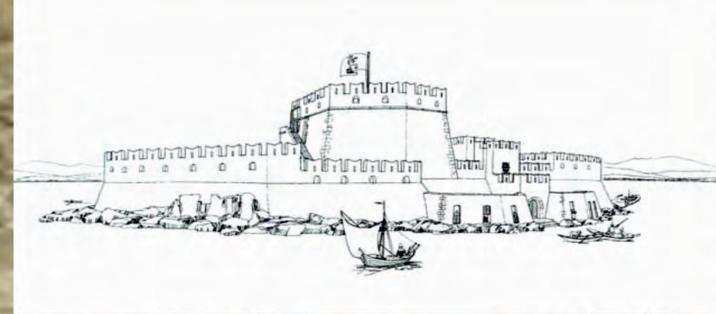


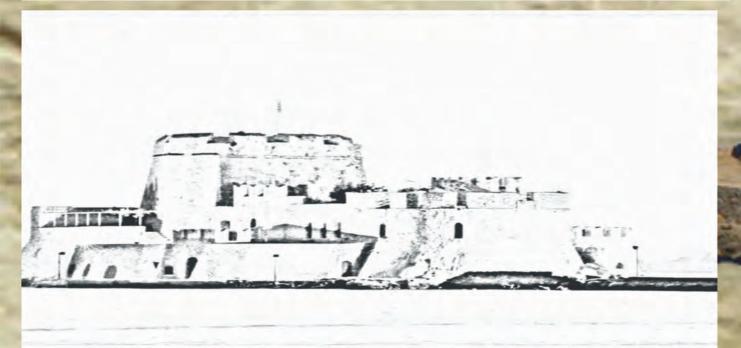


The islet of Bourtzi, situated just at the entrance of the bay of Nafplio, was fortified by the first Venetian rulers of Argolis (1389-1540). The fortress was built by the architect and sculptor Antonio Gambello(1481) and is a typical example of the Italian Renaissance military architecture, bearing all the defining features of a massive defensive structure, intended to repel invaders and to withstand siege

The design was made specifically to fit the narrow shape of the island. The castle, with entrances to the north and south, has three floors connected by movable stairs. A small harbor on the north-eastern side offered easy and safe access between the sea and the fort. To get protected by their enemies, the Turks had laid the surrounding sea bed with a large barricade of stones that made it impossible for large ships to approach the island and the fort. Later on, after the deliberation of the town in 1821, it was turned into the residence of the executioner for the convicts of the Palamidi castle. Between 1930 and 1970, after alterations by the German architect Wolf Schaeffer, the Bourtzi Castle was used as a hotel.













141502150 Kaan **KIRIK**

NERATZIA CASTLE

Building name: Neratzia Castle

Year of construction: 1480

Architect: Unknown

Place: Kos

Country: Greece

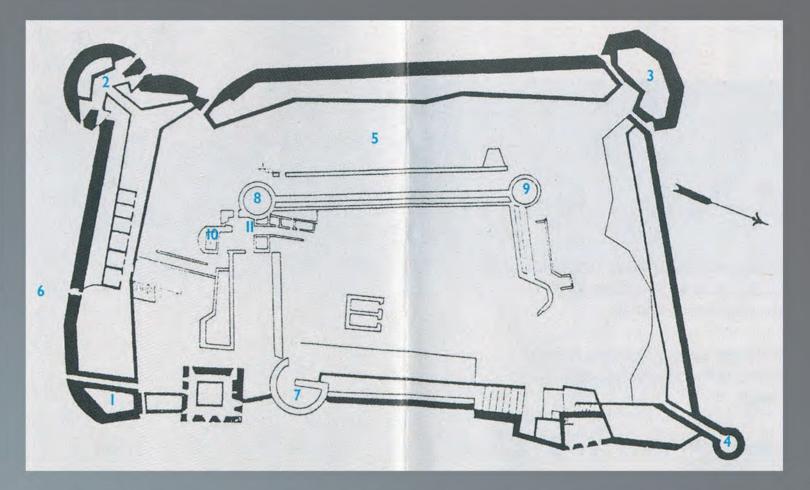
Geographical coordinates:36° 51′ 0′ N, 27° 14′ 0′ E

Height on sea level: 0

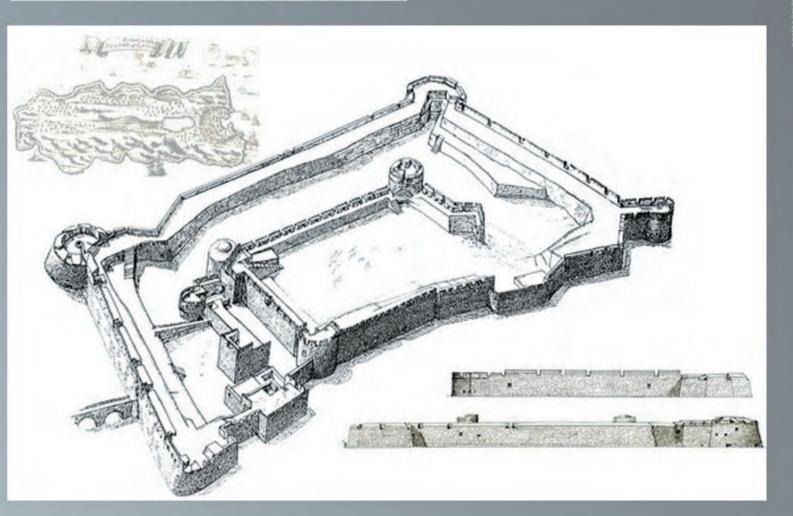
Neratzia Castle is located in Mediterranean sea. It was built in 1480 in Kos island, Greece by Knights Templar for the fear of Ottomans. It was finished at the end of the 14th century and early years of the 15th century.

In the construction of the castle many architectural elements from ancient city of Kos were used.

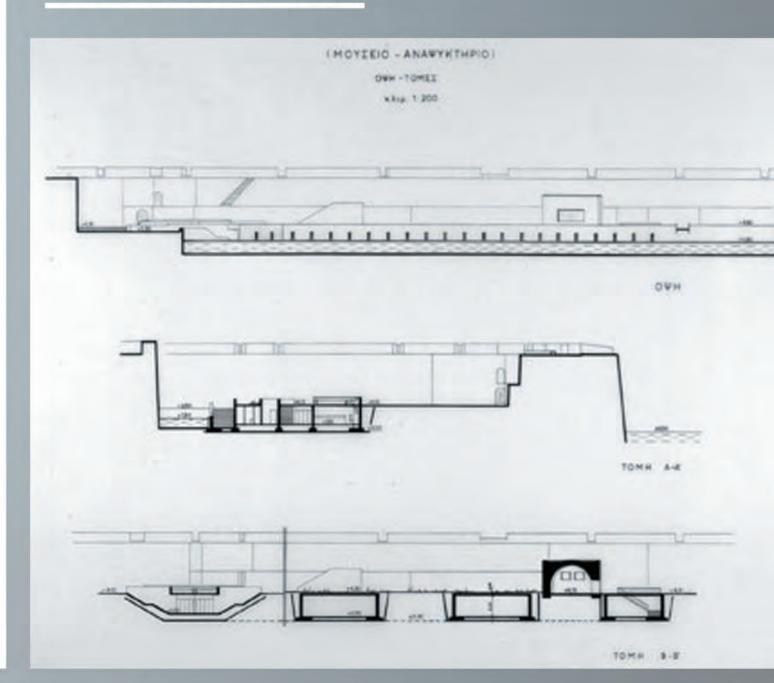
PLAN



ELEVATIONS



SECTIONS



INTERIOR WIEW

WIEW FROM ABOVE



EXTERNAL WIEW





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Neratzia Castle

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ARC 142 | HISTORY OF MODERN ARCHITECTURE | FALL 2016

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K

Kaan Benli 141501025

OTHELLO CASTLE

INFORMATION ABOUT OTHELLO CASTLE

Othello Castle was built in the 14th century by the Lusignans (who ruled the Kingdom of Cyprus) to protect the port against possible enemy attacks. It was also used as the main entrance to Famagusta. It used to be called "impenetrable fortress" due to it being nearly impossible to attack because of very deep ditches surrounding it.

After Cyprus was sold to the Republic of Venice, the castle's square towers were replaced with circular ones to suit more modern artillery. After these modifications, a relief of the Lion of St Mark was engraved above the castle's main entrance. The name of Captain Nicolo Foscari, who directed the alterations to the castle, and the date 1492 are inscribed near the relief. The castle gets its name from Shakespeare's famous play Othello, which is set in a harbour town in Cyprus.

In 1900, the castle's ditch was drained of water to reduce the risk of malaria.

The castle began to be restored in 2014, and it reopened to the public on 3 July 2015

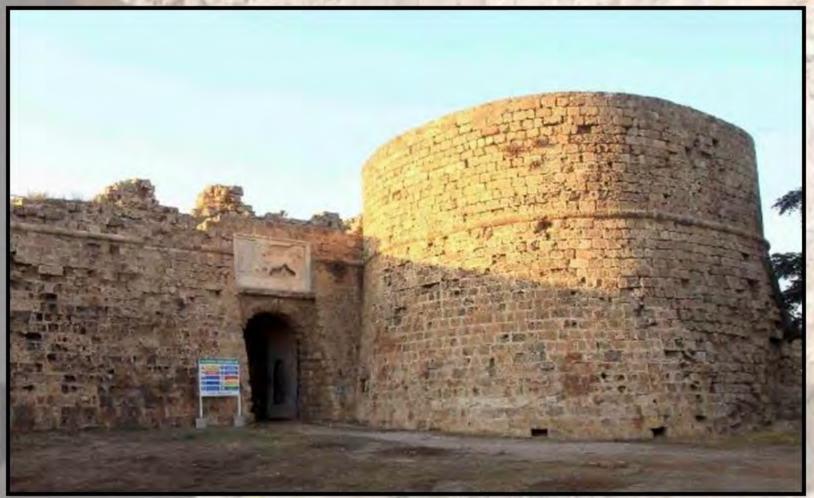
There is a Tower located in the walls 14 and named.

The names of this tower;

- 1. Canbulat (Arsenal)
- 2. Sea Gate Bushing (Mare)
- 3. Othello (Castello)
- 4. Ringed Loophole (Signora)
- 5. The Karpaz Bastion (Diamante)
- 6. The Martyrs 'Bastion (Diaz)
- 7. Arsenal (Martinengo)
- 8. Pulocazaro
- 9. Moratto
- 10. Giocare
- 11. The Black Gate (Akkale-Ravel)
- 12. Gold Bushing (Santa Napa)
- 13. A Water Sign (Andurizzi)
- 14. Ringed Bastion (Campo Santo)







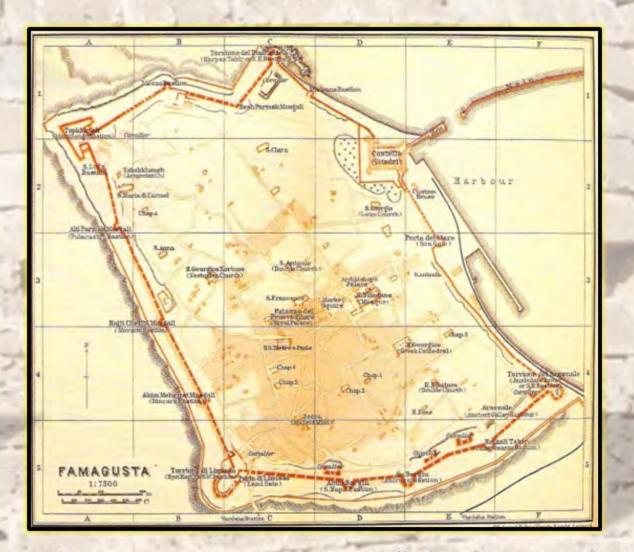




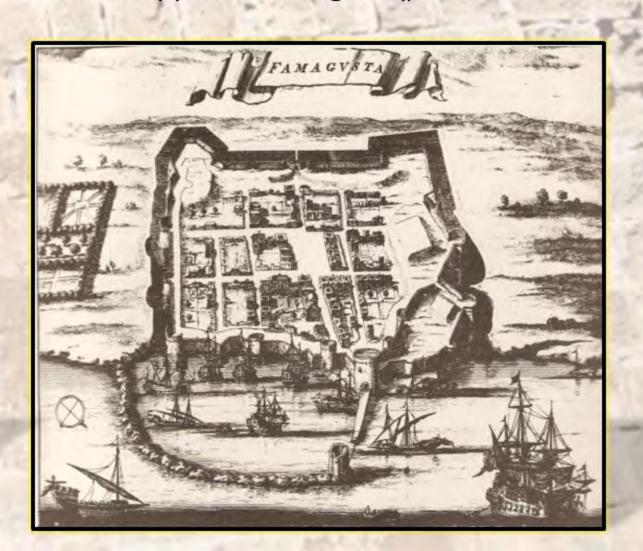




Famagusta Master Plan



Olfert Dapper, -Famagusta||, Amsterdam, 1688.



Olfert Dapper, —Famagustal, Amsterdam, 1688.



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141501007 Muhammed GUNDOGAN FINAL PROJECT

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FORT CHIKE



YEAR OF CONSTRUCTION: 1546 AND 1550 ARCHITECT: LUYS PERES varca PLACE: LAKE OF TUNIS COUNTRY: TUNISIA CEOCRAPHICAL COORDINATES: 36° 43× 59× N 10° 13× 02× F HEIGHT ON SEA LEVEL: TITLE OF YOUR RESEARCH: "FORT SANTIECO DE CHIKLY"



MORTH-WEST ELEVATION



518 LA GOULETTE. - Fort Espagnol Schikli dans le Lac de Tunis. - ND Phot.

interior picture

interior picture



FORTIFICATIONS WERE MADE TO PROTECT PEOPLE BEHIND IT, AND CUARD PATHWAYS. THE REASON I CHOSE THIS FORT WAS BECAUSE IT was destroyed, restored, converted, declared and created THE NATURAL RESERVE OF CHIKLY ISLAND, AND IT EXISTS WITH ALL IT'S INTERESTING AND ATTRACTIVE HISTORY.



South Elevation



PLAN FROM THE COOCLE MAP



interior picture

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Ground Floor

Inaccessible Area

Visible Area - Not Accessible

Main Floor

Upper Floor

Terrace Floor

A.D. 1501-1546 - Construction of Fort Chikly

A.D. 1584 - Tunis taken by the ottoman privateer Barbarossa Khayr Al-Din Pasha.

A.D. 1585 - Tunisia taken by king charles v of spain.

interior picture

CHRONOLOGY:

A.D. 1585-1574 – Spanish occupation of the kingdom of tunis and fall of the Hafsid Princes



ALESSANDRO CAMIZ

121501280 HEMRA **ARZYMEDOV**

FORT CHIKLY

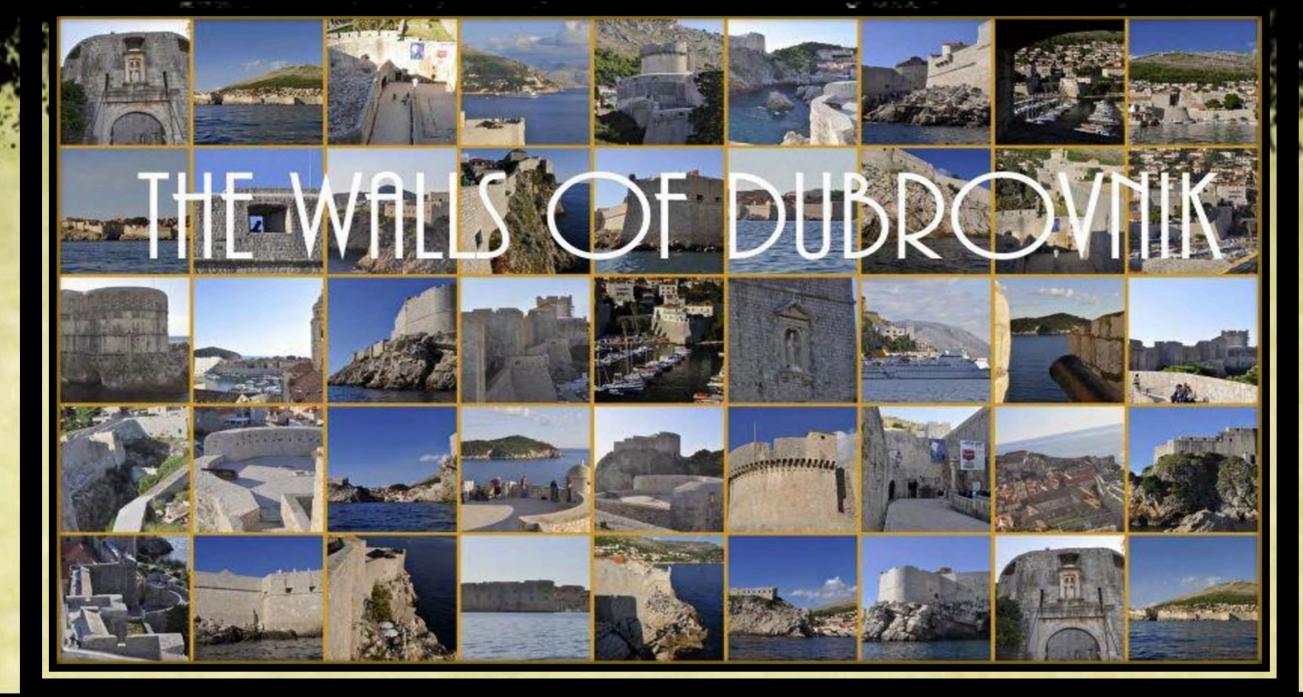
Accessible Area not Included in the Interpretative Visit

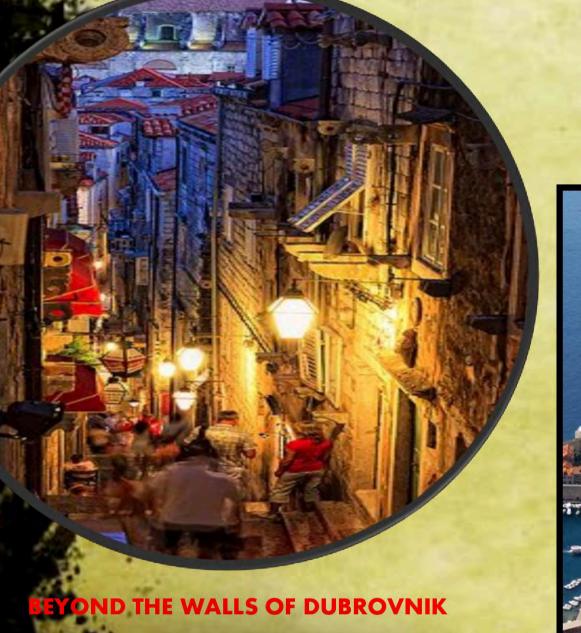
Accessible Area not Included in the Interpretative Visit

hemrarzymedov@gmail.com

25.05.2016







ELEVATION AND PLAN VIEWS OF THE WALLS





810: Ljudevit Posavski became knez of the Principality of Pana

823: Ljudevit died.

840: Venetian Doge Pietro Tradonico led a failed assault on the n Pagania.

The Byzantine Emperor Basil I helped break an Arab siege of Du 926: Croatian-Bulgarian battle of 926: Tomislav defeated the in Bulgarian Empire.

948: Venice tried and failed to capture Dubrovnik.

986: Byzantine Emperor Basil II recognized Croatia as an independent k declared King Stephen Držislav the Patriarch of Dalmatia and Gro

1185: Serbian forces launched a failed siege against Dubrovn

1204: 26 August: Emeric abdicated the throne to his young son Le 1242 16 November: Béla issued the Golden Bull of 1242, giving the resid individual and democratic rights and releasing them from allegiance in 1293: Paul I Šubić of Bribir became Ban of Croatia.

1299: Paul conquered Bosnia, taking the title of Dominus of Bosnia, brother Mladen I Šubić of Bribir Ban of Bosnia.

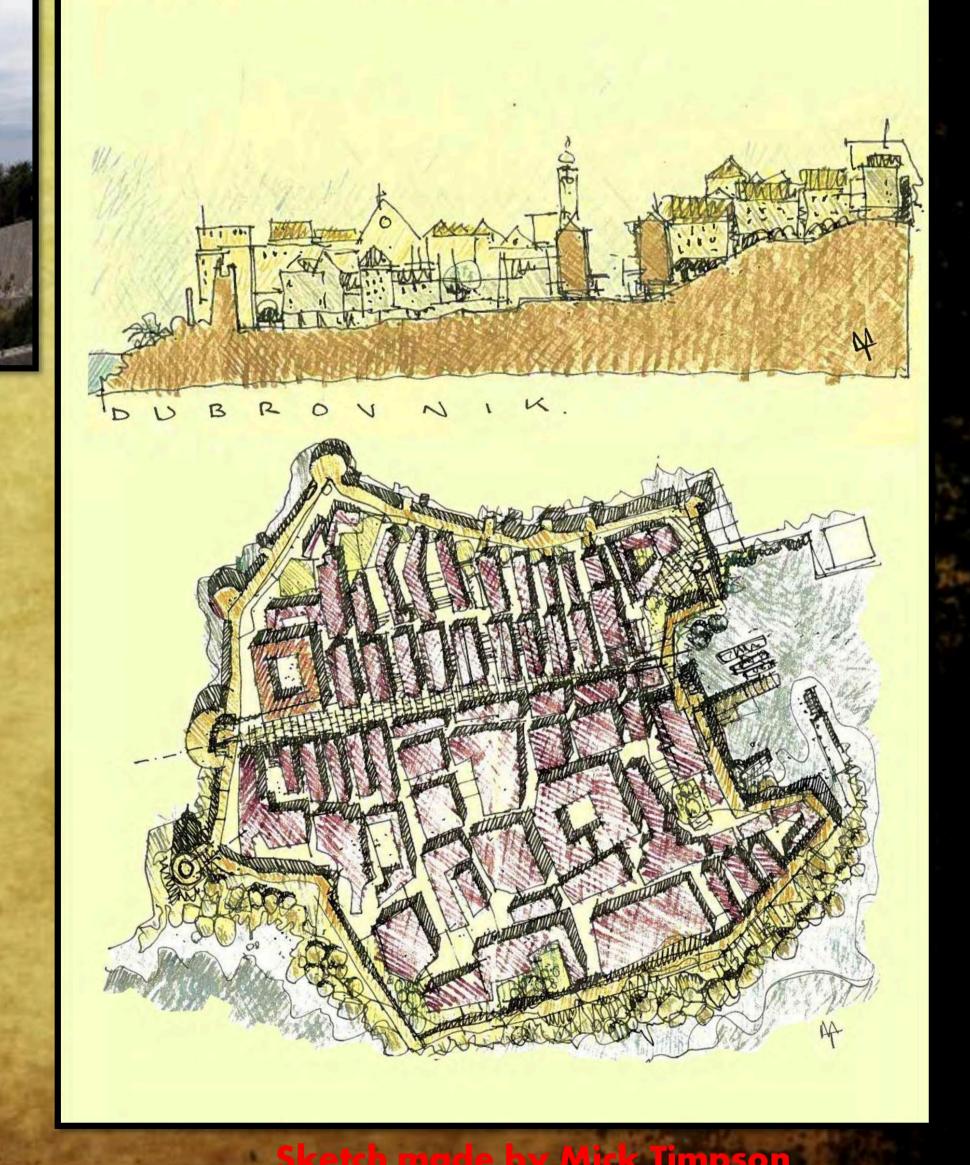
Andrew died without a son. Charles 1301 14 January:

Hungary was crowned King of Hungary. 1308: Otto abdicated his claim to the Hungarian throne.

1322: Battle of Bliska: Mladen lost to a coalition of Croatian no

1358 18 February: The Treaty of Zadar was signed. Venice ceded

1370 17 November: Louis became King of Poland on the death of Casia





GIRNE AMERICAN UNIVERSITY FACULTY OF ARCHITECTURE, DESIGN & FINE ARTS DEPARTMENT OF ARCHITECTURE 142.1 | History of Modern Architecture | Spring 2016

Alessandro Camiz

Mehmet Tiner 151501064

The Walls of Dubrovnik Croatia

Dotate automotive from business

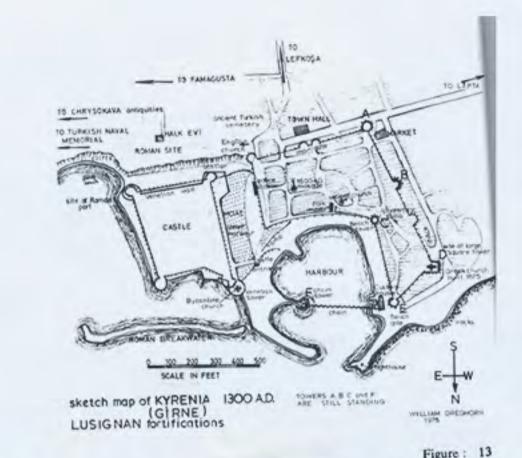
The Castle of Kyrenia



Kyrenia Castle, Black & White Photography by Ernest Hostking



Kyrenia (Girne) 1600 A.D. by William Dreghorn, B. Sc., Ph. D. (Lond).



Kyrenia Plan 1300 A.D. by William Dreghorn, B.Sc., Ph. D. (Lond.)

Rebuild part by the Venitian in 1544 AD

The Venetians replaced the original drawbridge at the castle's entrance with the protected gatehouse that still exists today.

In the XV century gunpowder came into use, cannons and artillery were developing quickly, so Italian engineers adopted a system of re-modelling medieval fortresses.

In Kyrenia the architects shaped the SW bastion with a polygonal plan, according to the new artillery systems.

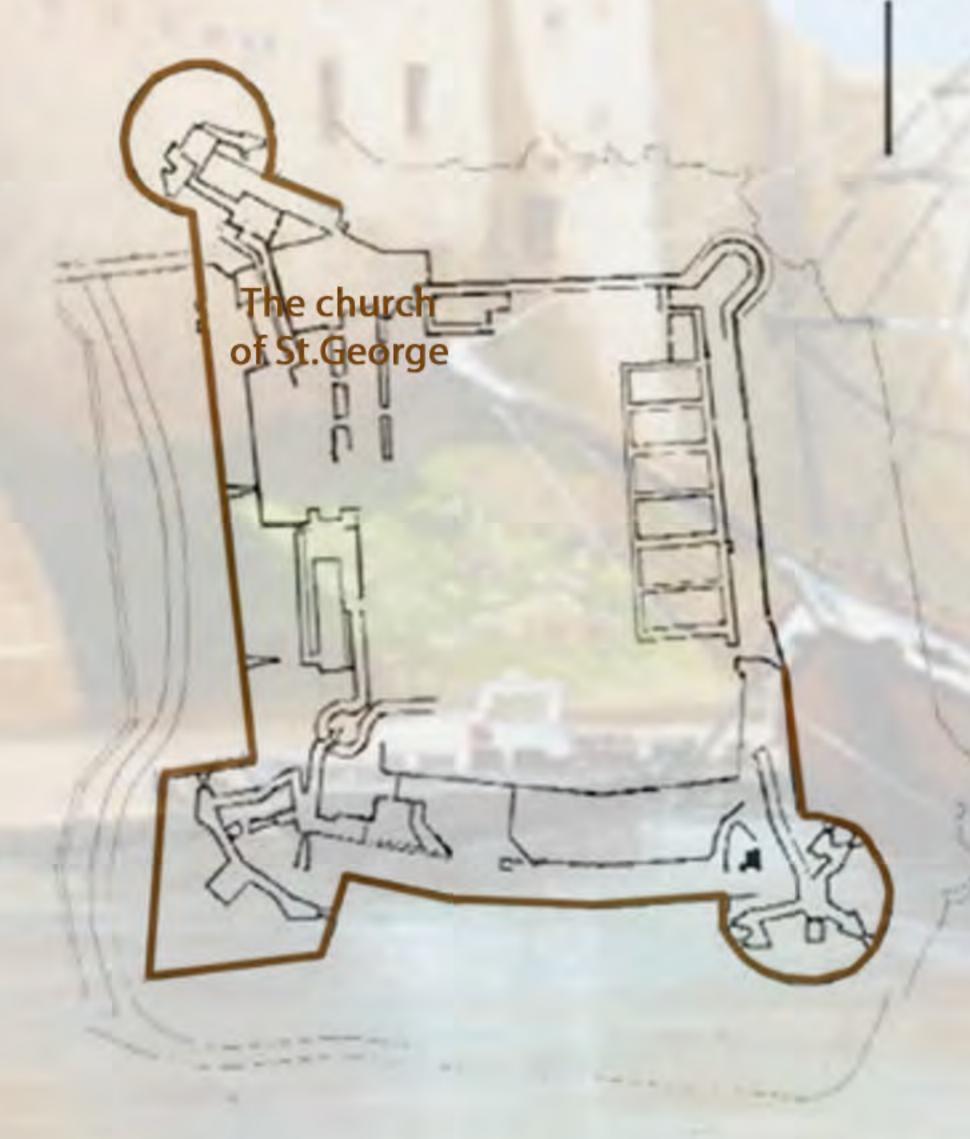
The proveditore Ascanio Savorgnano and the military engineer Sebastian Vernier both report the castle's transformation.



An acrylic canvas painting of the castle of Kyrenia



Kyrenia Castle, Photography by Fatih Arslan



Kyrenia Castle Plan, Illustration by Mike Fyles.Gothic Art and The Renaissance in Cyprus, trans. and ed. David Hunt (London: Trigraph Limited, 1987), plate VI.

Building name: Kyrenia Castle **Year of construction:** 1540 – 1544 AD

Architect: Unacknowledged

Place: Kyrenia Country: Cyprus

Geographical coordinates: 35°20'17.40" N / 33°19'12.00" E Height on sea level: 12 meter

Chronology in fortifications

1492 – Construction of 'Castle Aragonese' ended

1509 – Construction of 'Cesne Castle' started

1514 – Construction of 'Neratzia Castle' started

1519 - Construction of 'Château de Chambord' started

1524 – Construction of 'Château d'If' started

1527 – Construction of 'Alhambra castle' started

1546 – Construction of 'Fort Chikly' started

1548 – Construction of 'Fort Stella' started

1552 – Construction of 'Fort Saint Elmo' started

1552 – Construction of 'Fort Saint Michel' started

1557 – Construction of 'Castello Brown' started

1570 – Construction of 'Paphos Castle' started

1577 – Construction of 'Fort Santa Cruz' started

1581 – Construction of 'Verdala Castle' started



Instructor

Alessandro Camiz

Student

121501173 SARA CANSU DEMÍR Kyrenia Castle

FORT CHAMBRAY



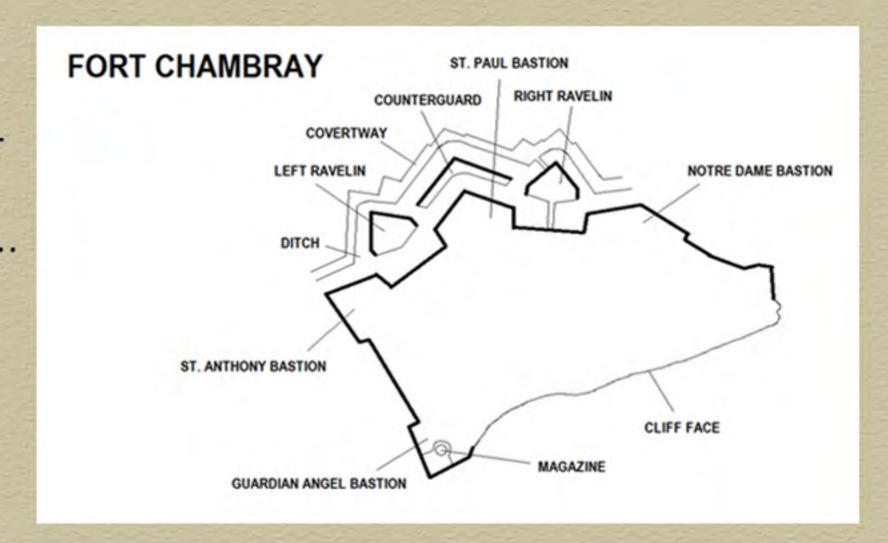
ABSTRACT:

FORT CHAMBRAY IT'S ONE OF THE FORTIFICATIONS OF MALTA WHICH IS LOCATED IN WEST OF MGARR, THE FORT WAS ORIGINALLY MEANT TO BE A NEW FORTIFIED CITY LIKE VALLETTA, BUT THE PROJECT WAS NOT SUCCESSFUL, I CHOSE THIS TITLE BECAUSE I'M INTERESTED IN MALTA ISLAND AND I WANT TO KNOW MORE ABOUT HISTORICAL PLACES WHICH EXISTS IN THAT AREA ...

BUILDING NAME: FORT CHAMBRAY
YEAR OF CONSTRUCTION: 1749-1760s
ARCHITECT: ORDER OF SAINT JOHN.

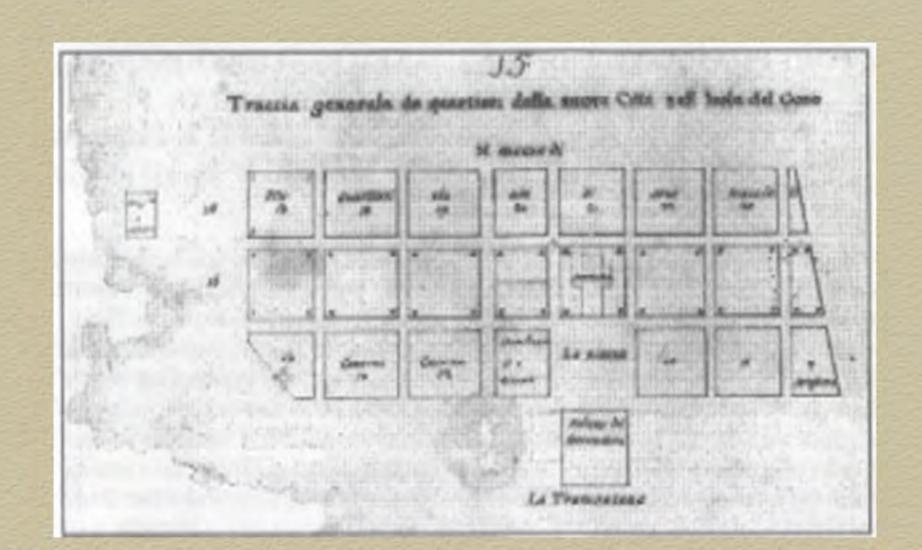
PLACE: GOZO.
COUNTRY: MALTA.

GEOGRAPHICAL COORDINATES: 36°01\21\10 14°17\40\10











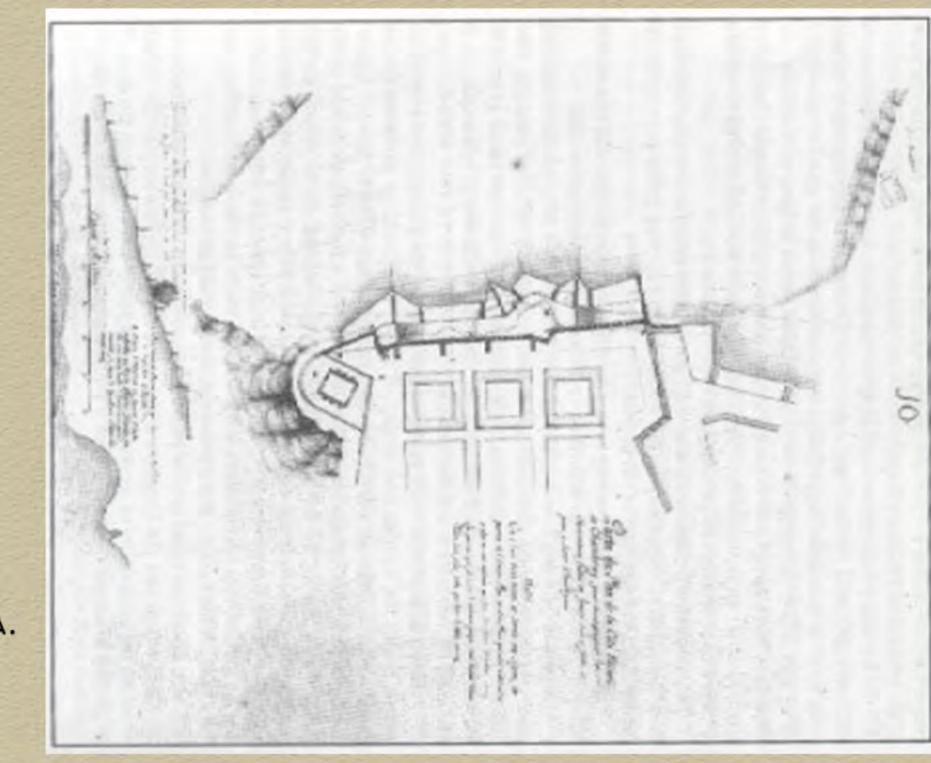
REFERENCES;

I- CASTILLO, D. (2006). THE MALTESE CROSS A STRATEGIC HISTORY OF MALTA.

UNITED STATES OF AMERICA: LIBRARY OF CONGRESS.

2 - HARDMAN, W.(1909). A HISTORY OF MALTA DURING THE PERIOD OF THE FRENCH AND BRITISH OCCUPATIONS. UNITED KINGDOM: UNIVERSITY OF WISCONSIN.

- 3 SIRE, H. J. A. (1996). THE KNIGHTS OF MALTA. EUROPE: YALE UNIVERSITY PRESS.
- 4 HUGHES, Q. (1993). MALTA; A GUIDE TO THE FORTIFICATION; UNIVERSITY OF VIRGINIA.
- 5 PORTER, W. (1937). MALTA AND ITS KNIGHTS. LONDON; RHODE8 HOUSE LIBRARY.



CASTLE OF LA LUZ

GENERAL INFORMATION

Year of construction: 15th century (1494)

Geographical coordinates:

28° 8′ 55.12" N, 15° 25′ 29.24" W

Architect: Nieto Sobejanp

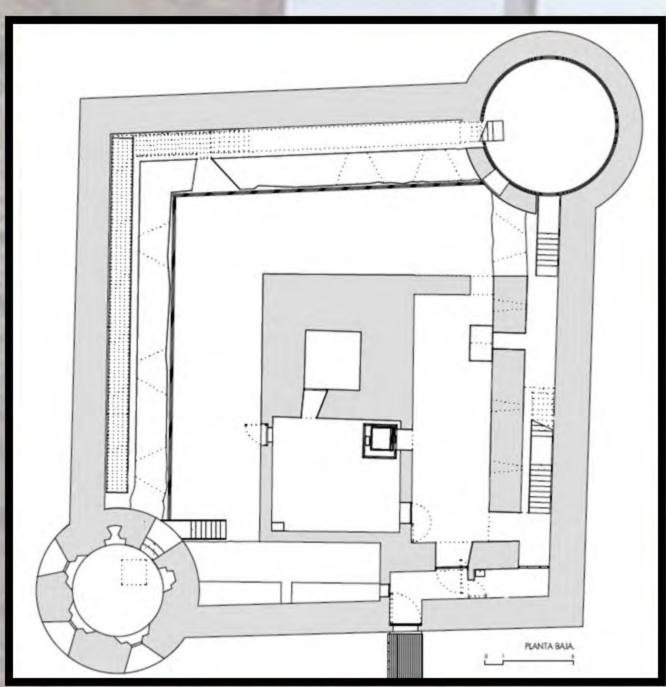
Place: Grand Canaria, Las Palmas

Country: Spain

It was built on the foundations of a wooden fort constructed by Juan Rejon, the captain of the conquering Castilian invasion force in 1478. Originally, it was located on a reef that meant the waves of the Atlantic lapped it at high tide but the development of the Puerto de la Luz has put some distance between castle and ocean.

Located on the southern coast of La Isleta, the Castillo de la Luz (Castle of Light) defended the natural harbour of Las Palmas de Gran Canaria for several centuries. Built in 1494 on top of the foundations of an existing fort from the time of the conquest by the Castilians, this solid square-shaped fortress, which was equipped with a platform for 11 cannons, nevertheless suffered severe damages during the invasion of Dutch pirates in 1599 when it was more or less burned to the ground.





Plan Of Castle

CHRONOLOGY:

1469: Aragon and Kastilya was one kingdom.

1485: Aragon Catherine was born.

1492: It destroyed last bastion of the Muslim Kingdom of Granada.

1494: CASTLE OF LA LUZ WAS FOUNDED.

1499: Kingdom of Naples made Granada agreement.

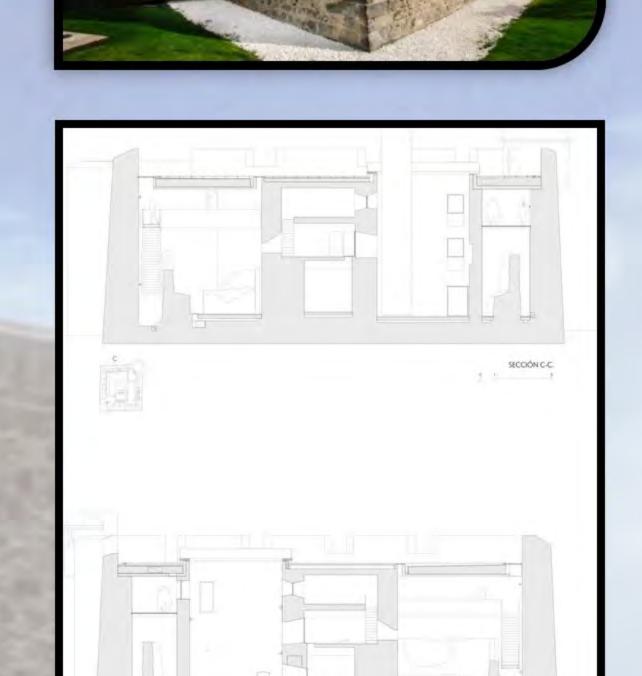
1501: Alexander VI o Estudi General opened the school.

1503: Casa de Contratacion state was established.





Section A-A and B-B



Section C-C and D-D



Section E-E and F-F

Instructor

Student

141501021 Helin KARACA

FINAL PROJECT

helin.karaca@std.gau.edu.tr

View from a Malta sightseeing two harbours cruise boat to Fort Tigné by Frank Vincentz

Name:

Fort Tigne

Year of construction:

1792-1798

Architect:

Antoine Étienne de Tousard

Place:

Sliema, Malta

Coordinates:

Height on sea level:

FORT TIGNE - c.1798

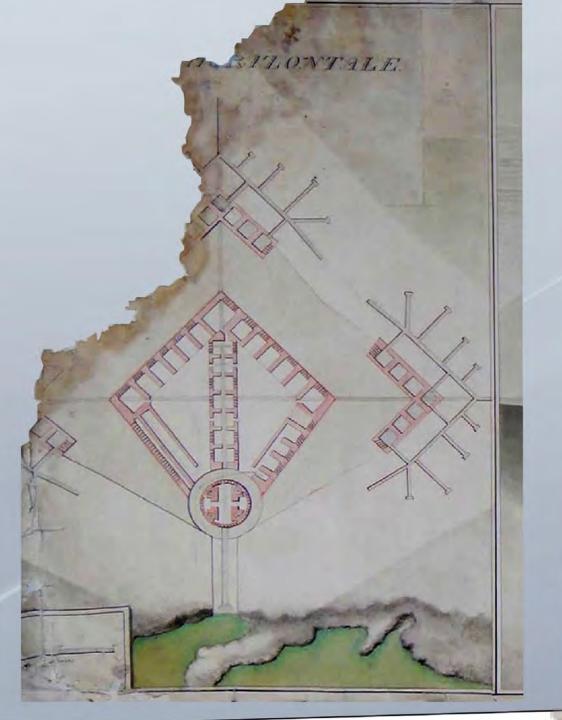


Graphic reconstruction of Fort Tigne, Harbour-side view by Dr.Stephen C. Spiteri, 2009. (Spiteri, 2011)

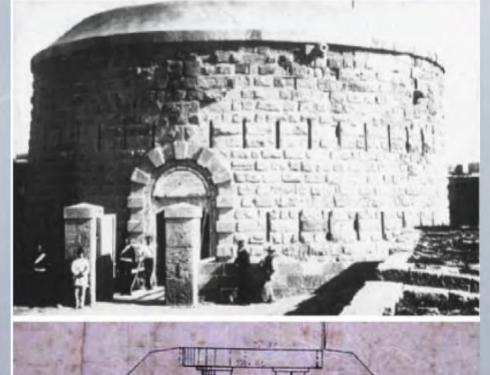


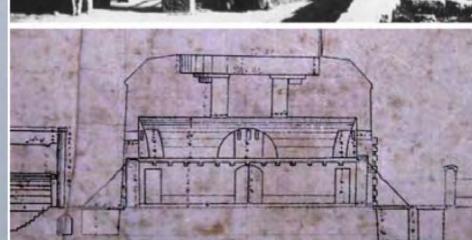
Details of the ground level (below) and terrace-level (above) plans of Fort Tigne from the original presentation drawing which shows the initial design concept. (Image source: Courtesy of the National Library of Malta). (Spiteri, 2011)



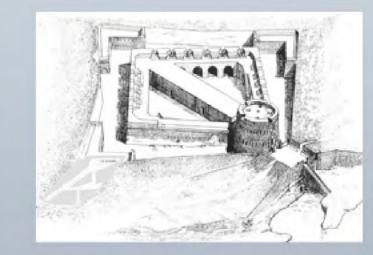


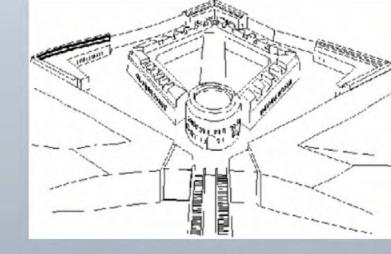
35°54'23.3"N 14°30'47.6"E



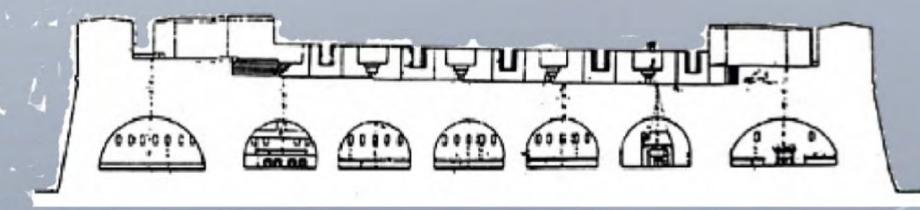


Detail from sectional elevation of Fort Tigne dating to the mid-19th century showing the tower-keep with its remodelled parapet and terrace





Sketch views of the layout of the fort. (retrieved from: http://www.36regtra.com/36regtra/Malta.html)



Sectional elevation through the left face of the fort showing raised parapets and other British alterations. (Image source: Spiteri's private

DESCRIPTION

galleries.

Fort Tinge's construction was begun in 1793 and was a

design was probably the most revolutionary of all the

fortifications built by the knights in Malta. It's built to

protect the Marsamxett Harbour.

very small work by eighteenth century standards but its

Designed by the Order's chief engineer, Antoine Etienne

de Tousard, its most important features were the lack of

The new style of fortification known as the polygonal

through the following century. Fort Tigné was the last

major work of fortification built by the Order in Malta.

The fort originally consisted of three main elements: A

circular tower-keep, a polygonal battery with central

blockhouse, and a ditch with counterscarp musketry

Over the centuries, Fort Tigné offered resistance to the

forces of Napoleon when these took possession of the

island in 1798; later still, the presence of British military

barracks on the promontory attracted the attention of

Axis bombers in World War Two, when Malta became

When British troops left Malta in 1979, the fort was

abandoned and fell into a state of disrepair. At some

But the fort was restored back to its original state in

and is popular among both locals and tourists.

2008. The area now contains many modern buildings

point of times it was also used as a desalination project.

"the most bombed place of earth."

system was to dominate the art of military architecture

bastions and the counterscarp musketry galleries.

[1]: Castillo, D.A. (2006). The Maltese Cross: A Strategic History of Malta. Westport, London: Praeger.

[2]: Ballou, M. M. (1893). The Story of Malta. Alexandria, Egypt: The Library of Alexandria.

[3]: Gifford, C. H. (1817). History of the wars occasioned by the French revolution, from the commencement of hostilities in 1792, to the end of the year 1816. St John's Square, London: W. Lewis.

[4]: Spiteri, S. C. (2011). Fort Tigne-1792. ARX International Journal of Military Architecture and Fortification, Issue 1-2011, 3-74. doi: https://issuu.com/arkitettura/docs/forttigne?e=1720231/2966495.

[5]: Badger, G. P. (1869). Historical Guide to Malta and Gozo. Malta: P.Calleja.

[6]: Porter, W. (1858). A History of the Fortress of Malta. Malta: P.Cumbo.

CHRONOLOGY

1749 Conspiracy of the Slaves Construction of Fort Chambray has been started 1749 1758 Fort Chambray is built 1775 Rising of the Priests French Revolution 1789 Construction of The Lunette d'Arçon (a similar type of fortifica- 1814 1792 tion in France) has been started

Construction of Fort Tigne has been started

Construction of Fort Tigne has been completed

1798 The French under Napoleon Bonaparte invade and take Malta en route to Egypt. The Maltese population rises against their new masters and blockade them in Valletta Fort Tigné was officially taken over by the British military Peace of Amiens Beginning of the Froberg mutiny at Fort Ricasoli. Malta becomes a British Crown Colony The Grand Harbour becomes an important shipping waystation, eventually serving as the headquarters for the Mediterranean Fleet The diocese of Malta is separated from that of Palermo 1831

1793

1795

ACULTY OF ARCHITECTURE, DESIGN & FINE ARTS

Alessandro Camiz

131501021 Hazal Okumus

FORT TIGNE / FINAL SUBMISSION

25.05.2016

FORT MOSTA

Building name:Fort Mosta
Year of construction:between 1878 and 1880s
Architect:British Empire
Place:Mosta
Country:Malta

Geographical coordinates: 35°55'21.52"N 14°25'34.1"E

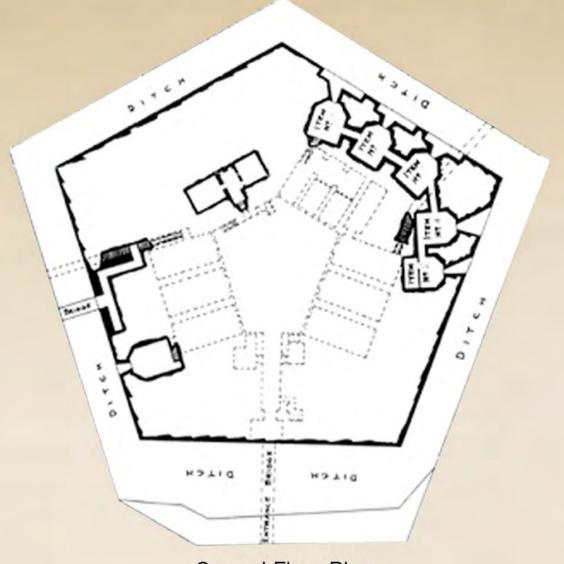
Victoria lines are the linear group of fortifications passing across the middle of Malta. It's a precious monument for military architecture. It was designed in 19th century by British Military to block invading armies.

And Fort Mosta that i've chosen for my case study is located in the middle of Victoria Lines. Fort Mosta was designed as two main parts. Keep as pentagonal shape surrounded with a defence ditch and a battery. One of the most important element of Fort Mosta defence strategies is the ditch. The access to keep was provided by a rolling bridge. And from the keep there is an access to down of ditch. It also provides a communication between the keep and the battery. There are also underground tunnels from the keep leading to counterscarp. In some areas of the fort, foundation laid on a thick concrete slabs. As construction materials, hybrid combination of masonry, earth and hewn rock used in Fort Mosta construction. Now this military building is being used as depot by Armed Forces of Malta.





A panaromic picture from South of Fort Mosta



Ground Floor Plan

BATTERY

Basement Floor Plan

Functions of Spaces



Detail of keep of Fort Mosta, showing exterior slope of earthen parapet with gateway and its small flanking musketry gallery (image source: http://www.militaryarchitecture.com/index.php/Fortifications/fort-mosta.html)



Nowadays surrounding of Fort Mosta



CHRONOLOGY

1807-Castle of Pantocrator is built in Preveza, Greece

1842-Portalet Castle is built in Pireneler, France

1853-Carcassone is built in Aude, France

1853-Mamula Fortress is built in Mamula, Montenegro

1856-Lascaris Battery is built in Valetta, Malta

1857-Boyard Castle is built in Paris, France

1860-Castello di Miramare is built in Trieste, Italy

1875-Victoria Lines built in middle of Malta

1878-Fort Mosta is built in Mosta, Malta by British Military

1884-Mediæval military architecture in England is published by George Thomas Clark

1886-Fort Rinella is built in Kalkara, Malta

1907-Military Architecture is published by Eugène Emmanuel Viollet le Duc

1912-Military Architecture in Medieval England is published by Alexander Hamilton Thompson

1931-Tower of Hercules is built in Corunna, Spain

References:

Economic Survey. (1996). Economic Division, 124,126.

Richards, B. (2008). Malta (p. 17).

Rix, J. (2015). Malta and Gozo (3rd ed., pp. 234,240).

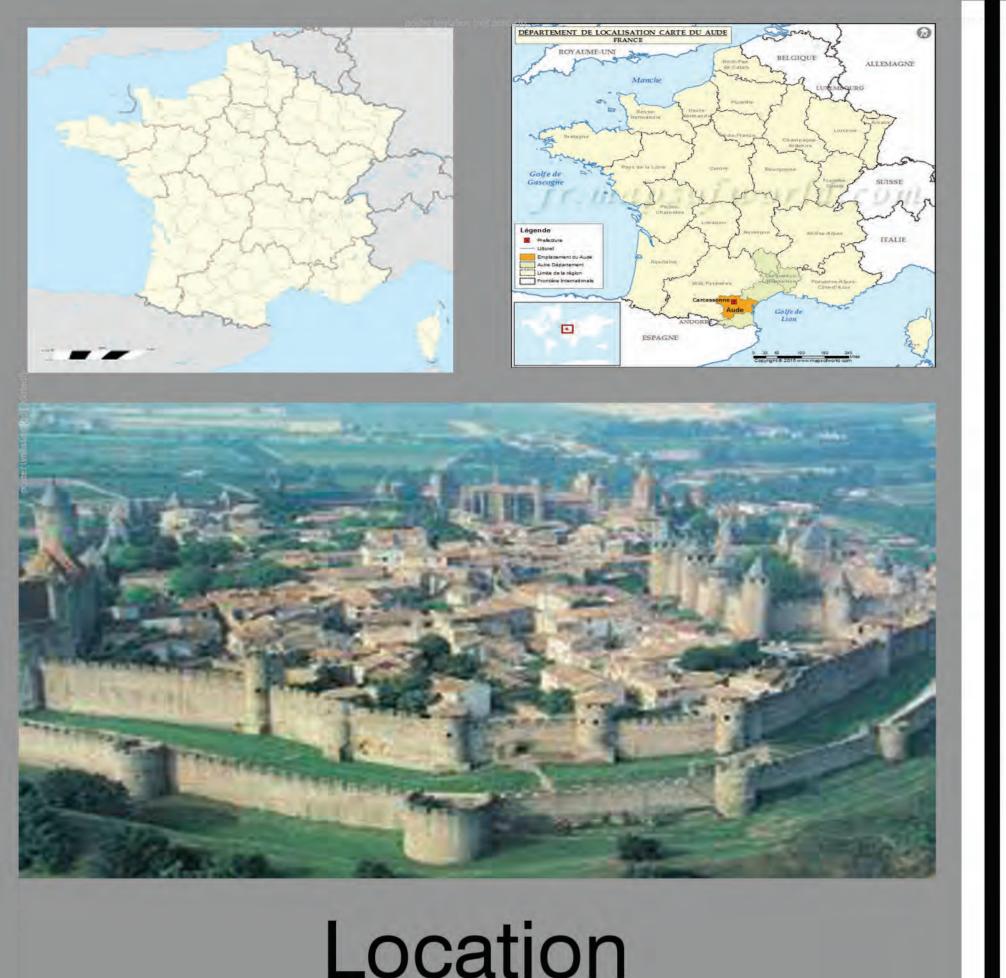
Stephenson, C. (2012). The Fortifications of Malta (pp. 29-30). OSPREY Publishing.

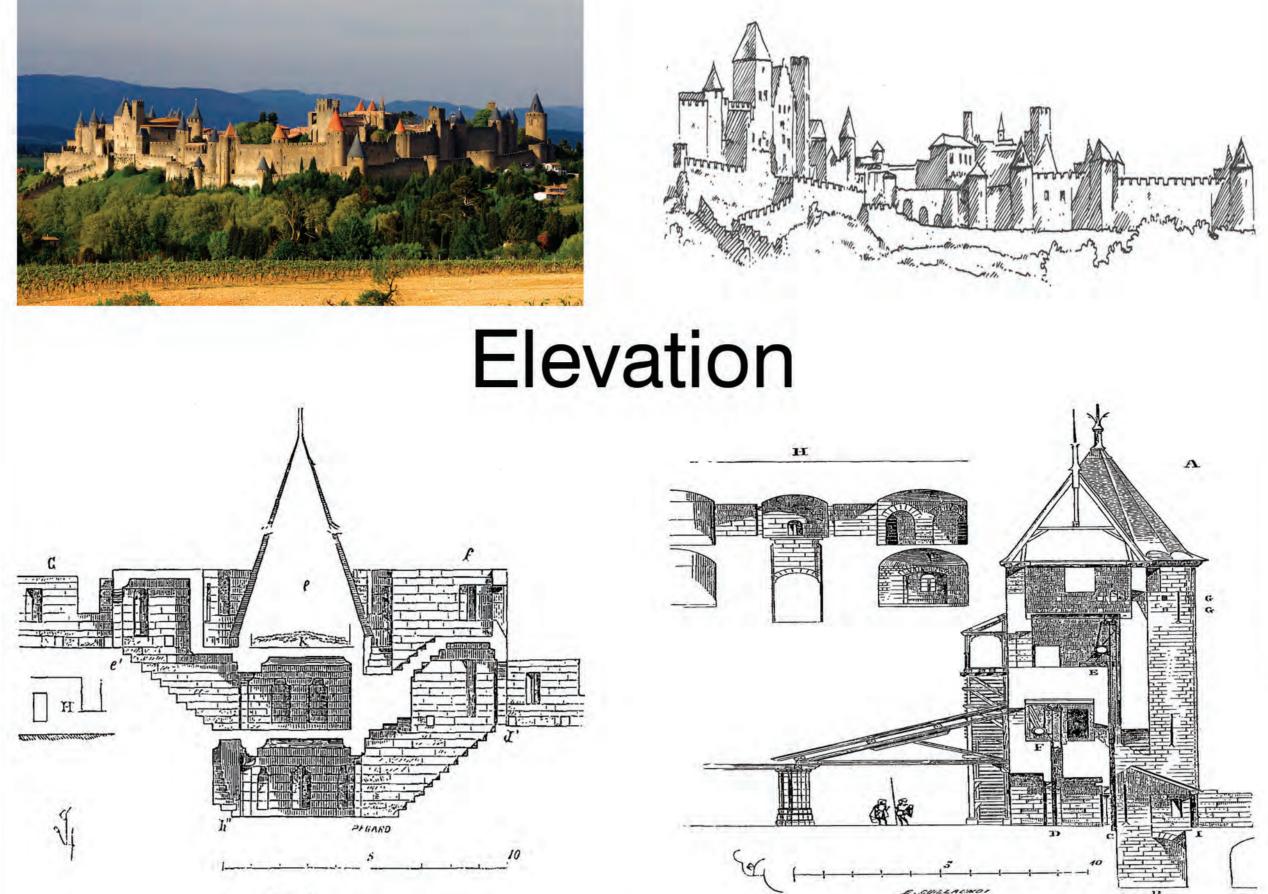
Wilson, N. (2000). Malta (pp. 113,135).

Instructor

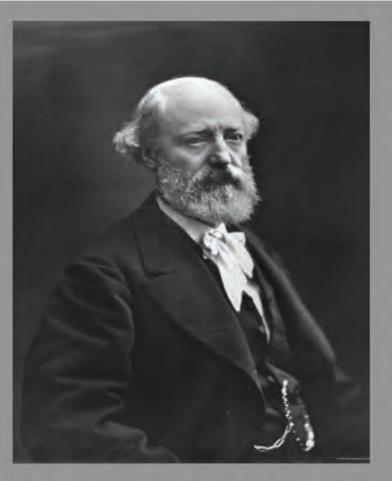
Student

FINAL SUBMISSION (FORT MOSTA)





Sections



Eugene is employed by the emperor Louis Napoleon Bonaparte to Restore Carcassonne and begins in 1860 but unfortunately dies before it can fully finish, but is continued by his aprentice.

Architect/Restorian Eugene Vollet Le Duc

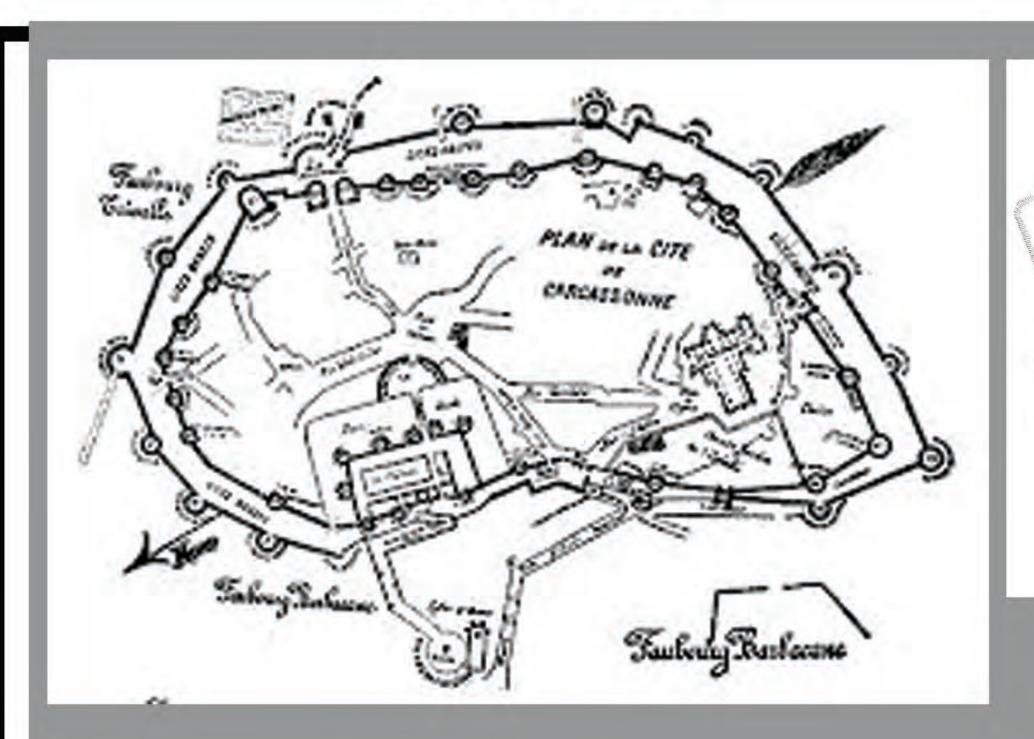
References.

Medieval Castles

The Meieval Fortress: Castles, Forts and Walled Cities of the middle ages An essay on the military architecture of the midle ages

The past from above

The grove encyclpedia of medieval art and architecture.





Carcassonne - Time Stages

1849- French Government decided that the city fortifications should be demolished, but the decision was strongly opposed by the local populace.

1853- The government later reversed it's desicion and allowed the restoration to begin and Eugene Viollet Le Duc was charged with restoration.

1857- Eugene Viollet Le Duc agrees to restore Carcassonne after being asked to by Louis Napoleon Bonaparte.

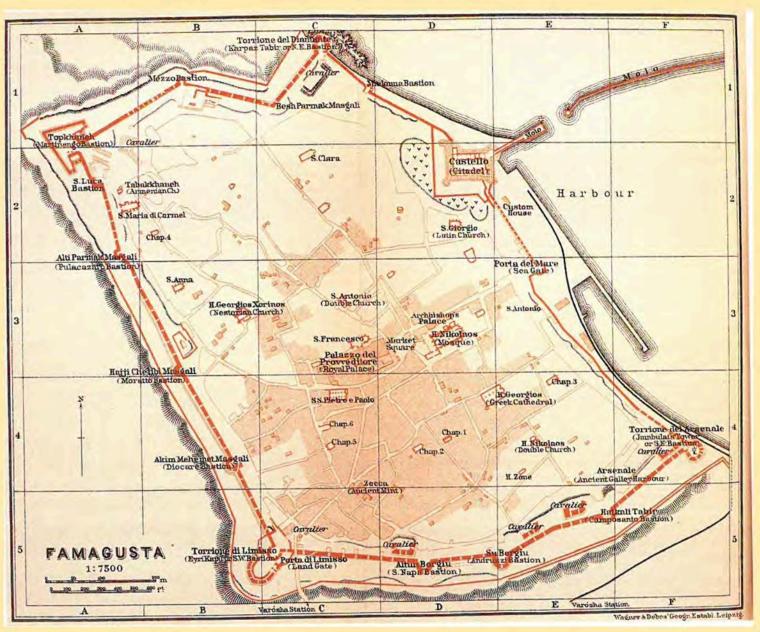
1863- Eugene Viollet Le Duc restores Cite De Carcassonne by enhancing the fortification by gaining atop each of it's many wall towers with a set of painted roofs that are typical of northern France.

1879- Eugene Viollet Le Duc dies and the restoration is continued by his aprentice Paul Boeswillwald and later by the architect Nodet.

Carcassonne Site Description

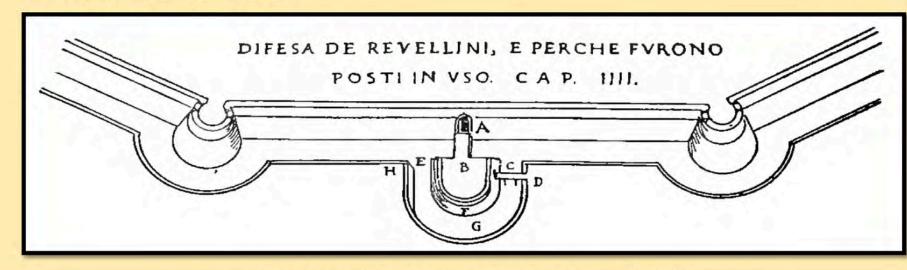
While not strictly castles, fortified towns gained in importance and until they approached the strength and appearence of castles. Some towns grew up near monasteries or castles, at trade and transportation centres, required increasingly sophisticated defences.

With Carcassonne being an important military and commercial centre in northern France, the city contained double curtain walls, the outer walls has twenty towers and the inner walls have twenty five. Some of the towers are independent fortresses and even have their own wells. Later after being by Eugene Viollet Le Duc in the 19th century by adding conical tiled roofs. the citadel in the fortification is rectangular in plan, with rooms and towers arranged an open central courtyard with a deep moat cutting the citadel from the city



Not in Stylianou; Cobham, p.2; BCCF 1989, p. 182.

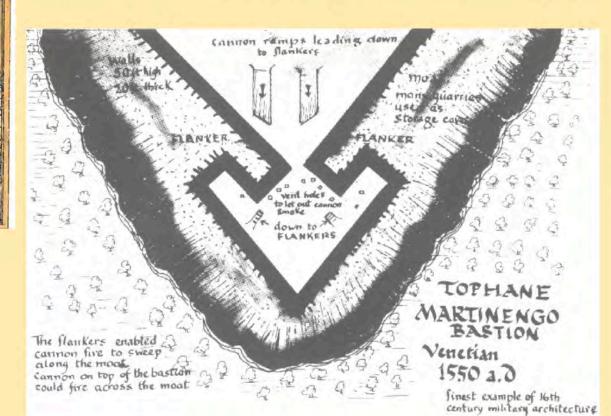
FAMAGUSTA CITY WALLS



Plan of the Ravelin in XVIth century (Lorini.), Famagusta City Walls Jeffery, G. (1918). A description of the Monuments of Cyprus. Nicosia: William James Archer



The land gate (Akkule, Ravelin, or Rivettina Bastion), Famagusta city walls, Cyprus (northern) http://www.whatson-northcyprus.com/interest/famagusta/famagusta/land_gate.htm



Plan of the Martinengo Bastion

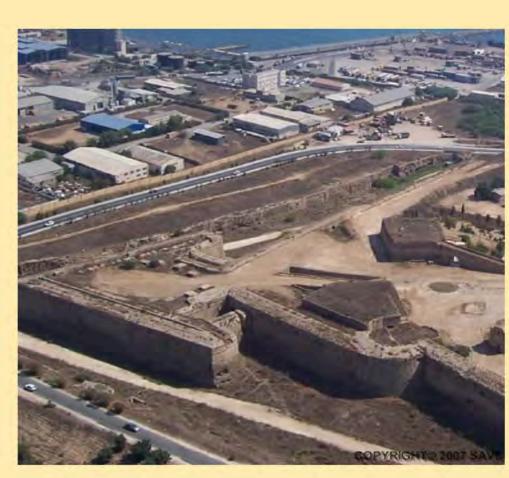
THE PANELDA.

THE RAVELIN BASTION

(AKKULE OR RIVETTINA)

Plan of the Ravelin, Famagusta City Walls

Jeffery, G. (1918). A description of the Monuments of Cyprus. Nicosia: William James Archer



An aerial view of the bastion

MEDI.

Famagusta City walls
http://cypnet.co.uk/ncyprus/city/famagusta/walls/index.html

THE MORATIO BASTION

LOCATION



Location of Famagusta, Cyprus Google Erath

BRIEF:

Famagusta City walls

http://cyprussite.com/map/history-all.html

BUILDING NAME: FAMAGUSTA CITY WALLS

YEAR OF CONSTRUCTION: XII-

XVI CENT

ARCHITECT: THE LUSIGNANS &

VENETIANS

PLACE: FAMAGUSTA COUNTRY: CYPRUS

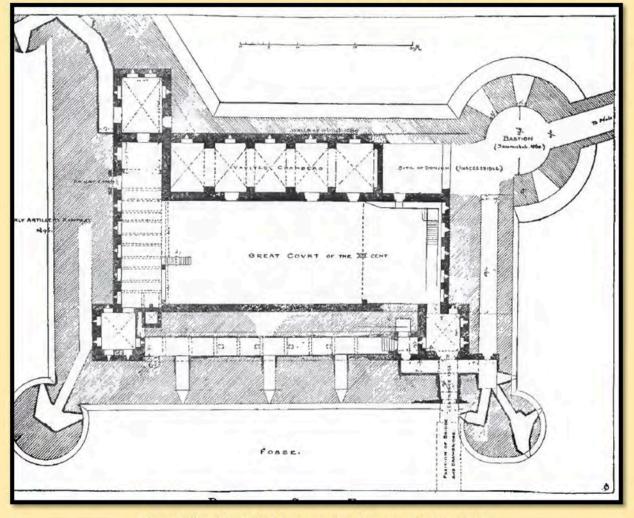
GEOGRAPHICAL COORDINATES:

35°6′54″N 33°56′33″E

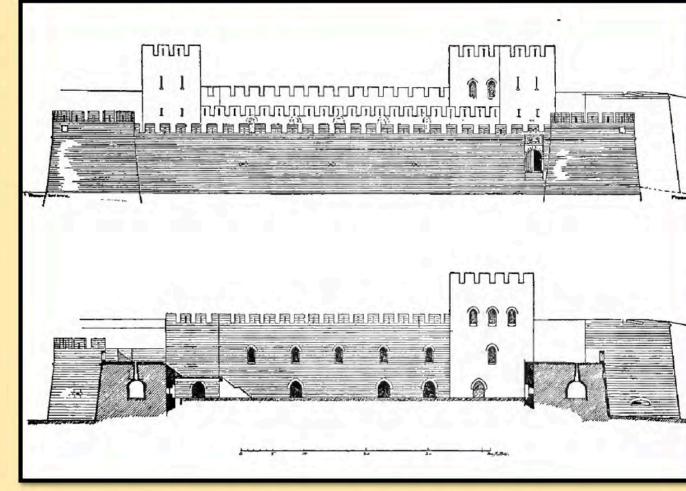
THE MARBLE SEA GATE

HEIGHT ON SEA LEVEL: 12 M

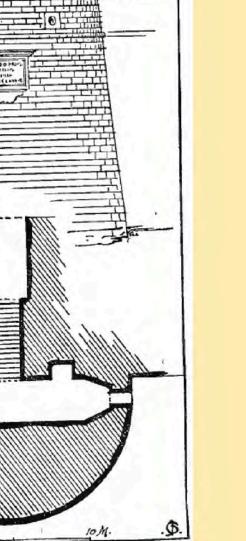
THE OTHELLO TOWER (THE CITADEL)



Plan of the Citadel of Famagusta, Famagusta City Walls
Jeffery, G. (1918). A description of the Monuments of Cyprus. Nicosia: William
James Archer

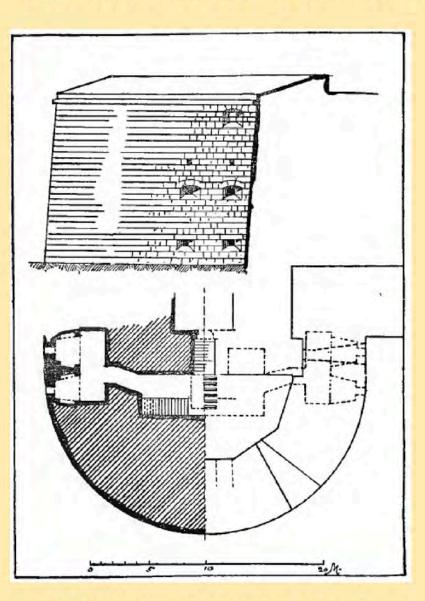


The Citadel of Famagusta, Elevationa and section, Famagusta City Walls Jeffery, G. (1918). A description of the Monuments of Cyprus. Nicosia: William



Plan of The Moratio Bastion, Famagusta City Walls Jeffery, G. (1918). A description of the Monuments of Cyprus. Nicosia: William James Archer

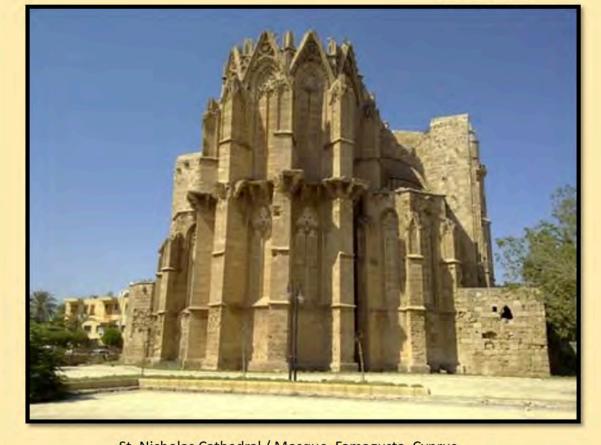
THE ST. LUCA BASTION



Plan of The St. Luca Bastion, Famagusta City Walls
Jeffery, G. (1918). A description of the Monuments of Cyprus.
Nicosia: William James Archer

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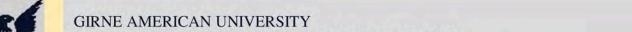
Elevetation of the marble sea gate, Famagusta City Walls Jeffery, G. (1918). A description of the Monuments of Cyprus. Nicosia: William James Archer



St. Nicholas Cathedral / Mosque, Famagusta, Cyprus. http://otiumlife.com/Log%202009%200620%20to%200804%20Rhodes%20Cyprus.htm



Famagusta city walls, Cyprus http://otiumlife.com/Log%202009%200620%20to%200804%20Rhodes%20Cyprus.ht



FACULTY OF ARCHITECTURE, DESIGN & FINE ARTS
DEPARTMENT OF ARCHITECTURE
History of Modern Architecture | ARC142 | 2015-2016

Assist. Prof. Dr. Alessandro Camiz

80303104 151501126 Hande Kozan Ibrahim Suleiman

Final Exam

SIRMIONE CASTLE



Building name: Simmione Castle

Year of construction: 13.century

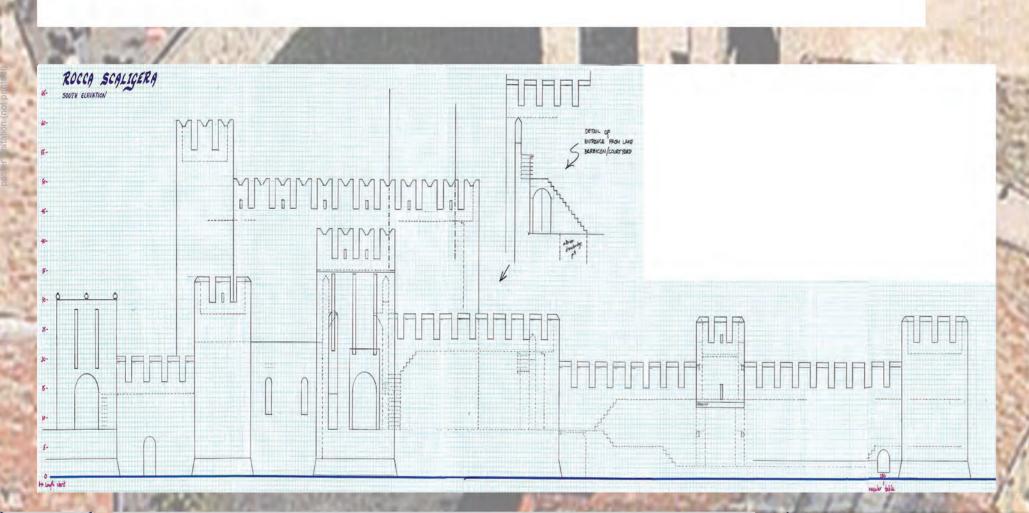
Place: Simmione

Country: Italy

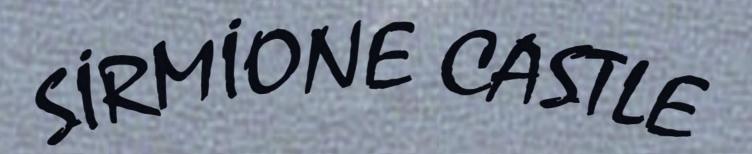
Geographical coordinates: 45°29'31 "N 10° 36'30" E Height on sea level: 42m

ABSTRACT & DESCRIPTION

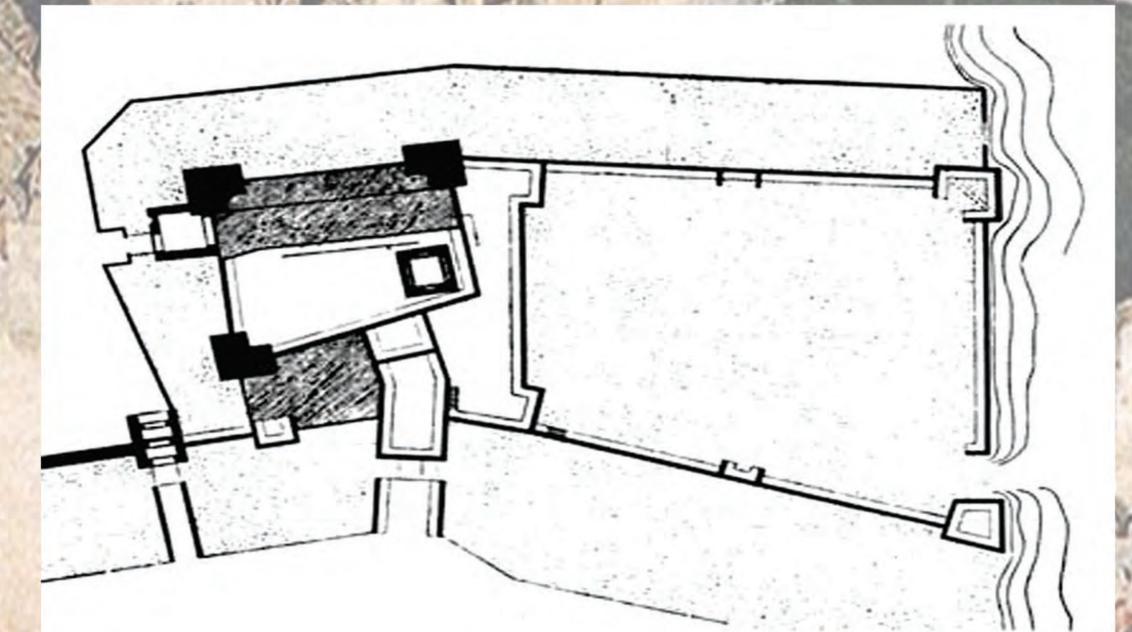
The Scaliger Castle (Simmione Castle) is a rare example of medieval port fortification, which was used by the Scaliger fleet. The building of this complex started in 1277 by Mastino della Scala. It presents the typical Ghibelline swallowtail merlons and the curtain-walls (with three comer towers) in pebbles alternating with two horizontal bands of brick courses. The walls on the inside were finished with plaster with graffiti, simulating blocks of stone. The castle stands at a strategic place at the entrance to the peninsula. It is surrounded by a moat and it can only be entered by two drawbridges. The caste was established mainly as a protection against enemies, but also against the locals. The main room houses a small museum with local finds from the Romanera and a few medieval artifacts.

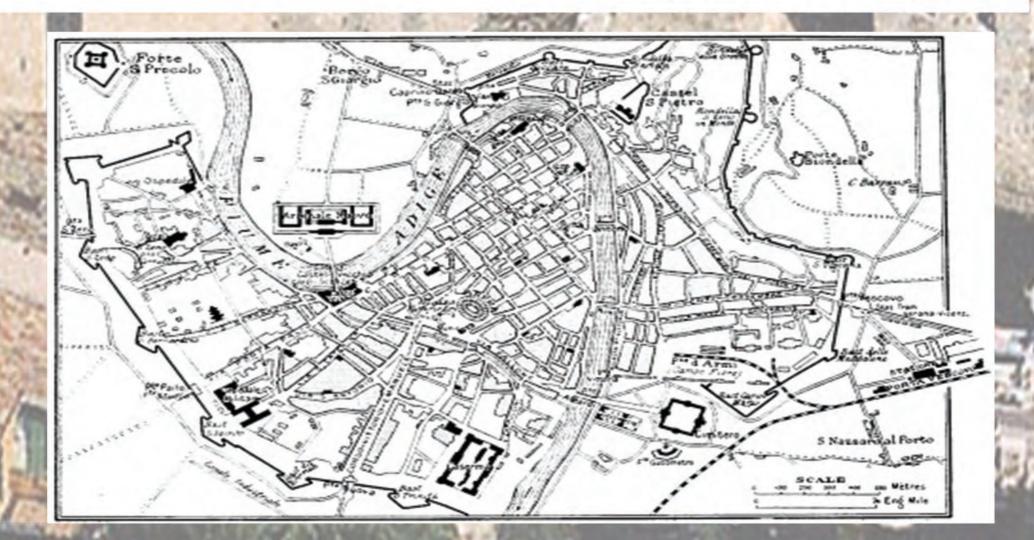


GIRNE AMERICAN UNIVERSITY
FACULTY OF ARCHITECTURE, DESIGN & FINE ARTS
DEPARTMENT OF ARCHITECTURE
ARC142 | HISTORY OF MODERN ARCHITECTURE | SPRING 2016









Student

151501010 HAMİYE GÜRSOY

1154-1356 Castelyecchio museumbuilt

• 1154-1550 Castelveccino museum built

Lombards conquest

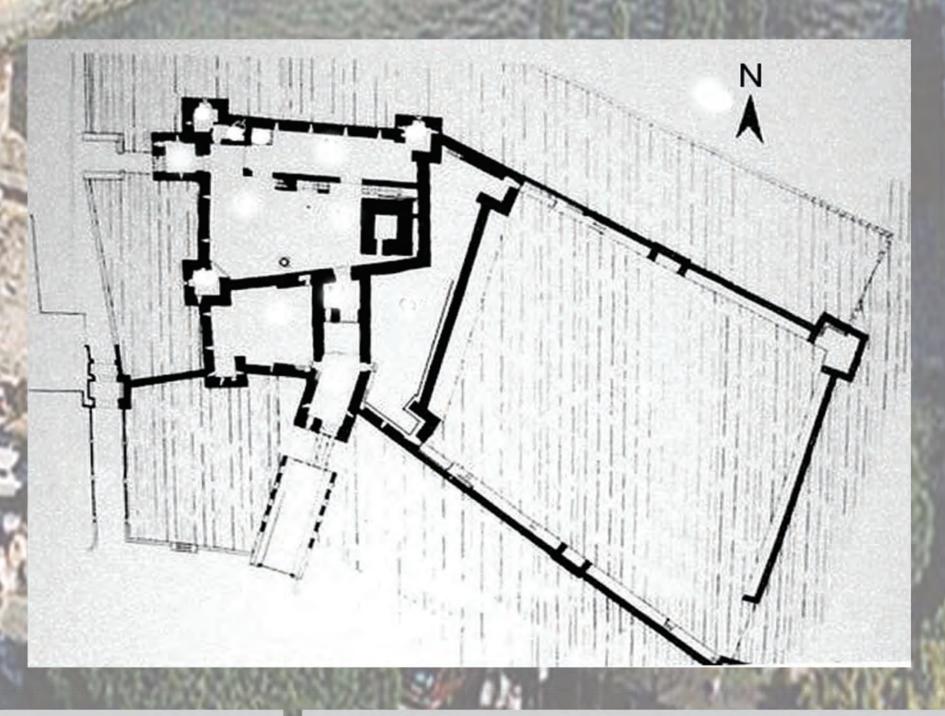
 1260 Known as a powerful local family Della Scala of Verona he came under the administration of the province.

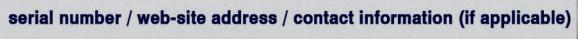
CHRONOLOGY

- 1260's Writer is a member of a famous family have been involved in art and has been writer Dante.
- 1277 Began to be widely used by the fleet of the Scaliger family has been a harbor wall.
- 1320 Mavino San Pietro built.

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- The Medieval Fortress: Castles, Forts and Walled Cities of the Middle Ages pp.276
- o The castles of Italy pp.63/pp.66/pp.179
- Wikipedia





BELLVER CASTLE



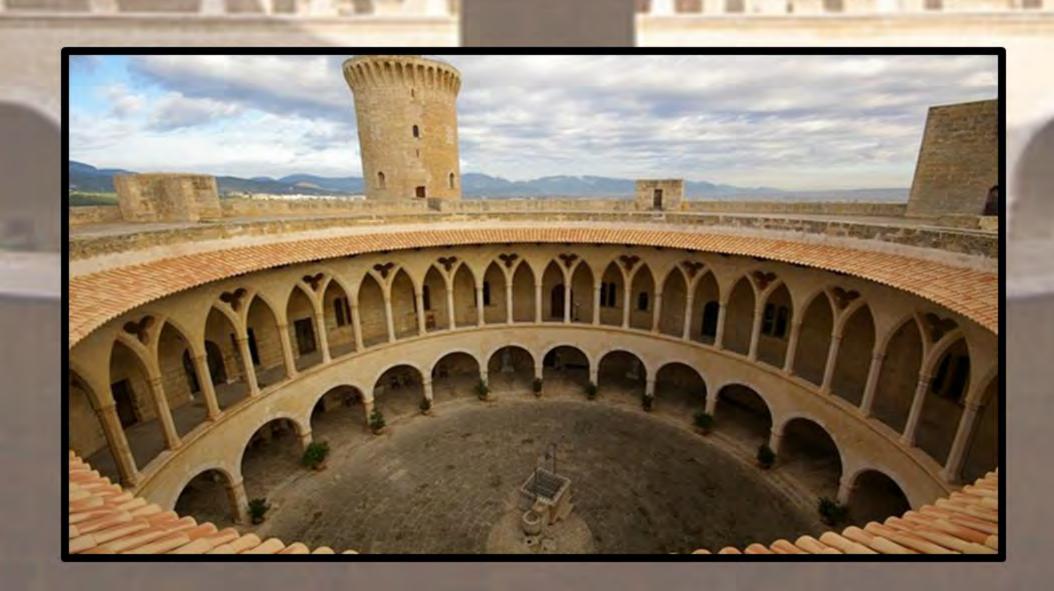


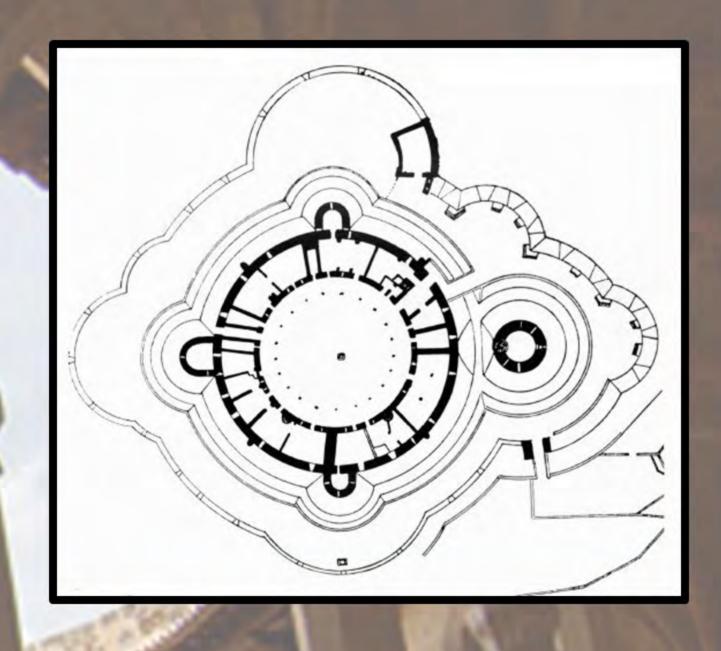


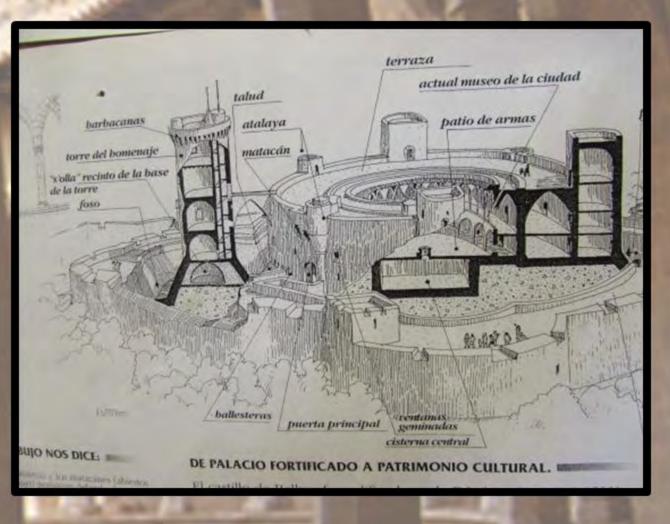


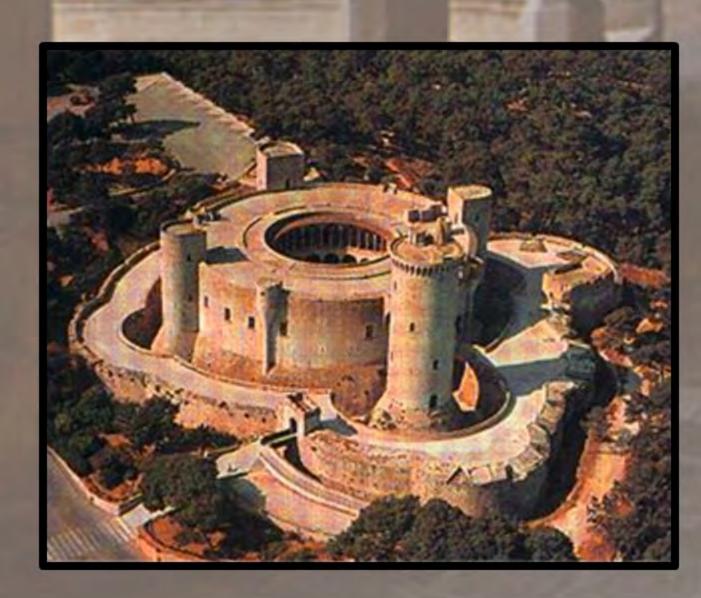
INFORMATION

Bellver Castle(Catalan: Castell de Bellver) is a Gothic style castle on a hill 3 km to the west of the center of Palma on the Island of Majorca, Balearic Islands, Spain. It was built in the 14th century for King James II of Majorca, and is one of the few circular castles in Europe. Long used as a military prison throughout the 18th to mid-20th century, it is now under civilian control, being one of the main tourist attractions of the island, as well as the seat for the city's History Museum.









Instructor

Prof.Dr.Alessandro CAMIZ

Student

151501029 Halil Mert TUĞRAL

EILEAN DONAN CASTLE



Building name: Eilean Donan Castle Year of construction: 1220-1249

Architect: Alexander II

Place: Dornie Country: Scotland

Geographical coordinates: 57°16′26.06″ K , 5°30′58,12″ B

ABSRACT

One of Scotland's most magnificent sights. Covered on three sides by sea and spectacular views. Now one of the most visited and important attractions in the highlands of Scotland. Eilean Donan Castle is a medieval castle on the small island of Eilean Donan in Loch Duich in the western Highlands of Scotland."Donnan Island ", which means Eilean Donan Castle, The castle, received name is 617 years, he took to the saints who were killed by burning. The castle was built in 1220 on the orders of Alexander II of Scotland as a fortress of defence against the constant raids of the vikings, who at that time occupied the western islands (western islands) that were incorporated in the kingdom of Scotland with the battle of Largs, which took place in 1263. The castle and surrounding lands were donated by Alexander III as a thank you for the service provided in the battle to Colin Fitzgerald, who thus became earl of Kintail (the first of Kintail, and whose successors founded subsequently the clan Mackenzie. Clan MacRae from 1509, Mail, Castle won the title of police officer. After many attacks and sieges from occurring in 1539. Successfully defended the castle withstood attack. The Eilean Donan Castle, partially destroyed by the bombardment. Then it was abandoned. For 200 years, the castle it's never been used . Afterwards ,Colonel John McRae-Gilstrap bought the castle in 1911. Colonel John, made the restoration of the castle. The castle was reopened after 20 years. The Eilean Donan

Castle has reopened its doors to visitors in 1955. Today, you can explore nearly every part of the castle. The Castle now has its own visitor centre, which includes the Ticket Office, Coffee Shop, Gift Shop.

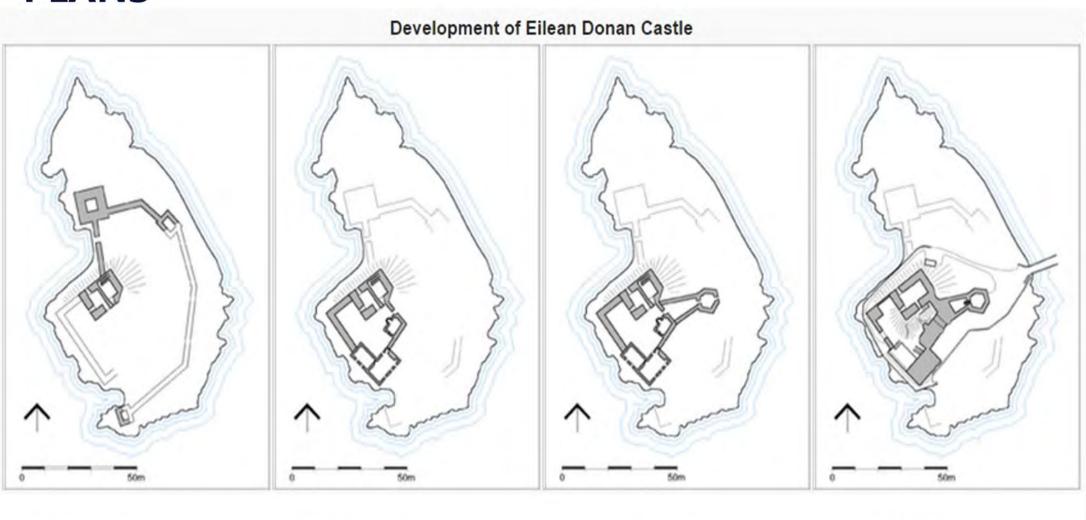
OLD PICTURES





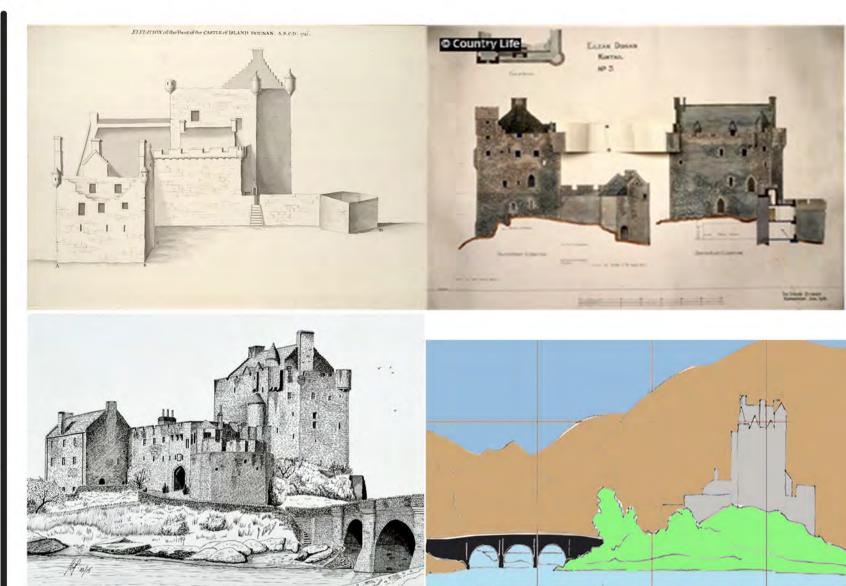


PLANS



17th century

ELEVATION



RESTORATION

13th century

John McRae was purchased in 1912 the castle was completely destroyed and there were only a few remains of the entire complex. Eileen castle to the mainland was built in the year of the restoration of the bridge that connects the frozen. The North-West, was secured together at the edge of the sea.

20th century



15th century







TODAY'S









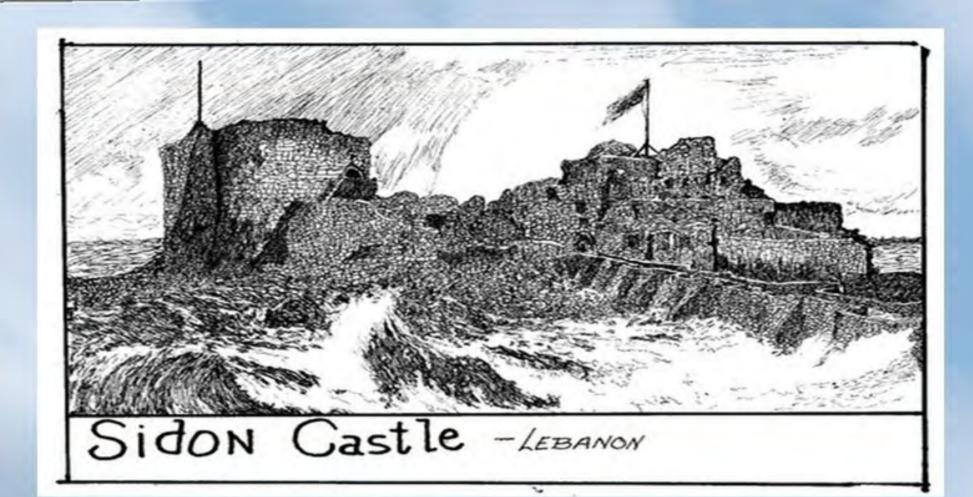


ALESSANDRO CAMIZ

Student 110303028

HABIBE BOZOGLU

FINAL SUBMISSION



The Sea Castle Of Sidon

Hz. Sidon water, Jesus performed his first miracle by turning into wine. In Christianity this is the case and that's why this city is very important. A stone walkway connected to the mainland by Sidon Sea Castle, the most famous of structure here. By crusaders n the 13th century made the castle a small vay connected to the mainland. Port ith a portion of the city seen from the astle we can see a little above. In 1228 a fortress uilt by the Crusaders during the Crusades. ere are the ruins of the Phoenician Melkart emple was in the same area before the construction of the castle.

(Melgart Phoenician god of the sun). The first parade was held during the crusades.

There are currently still used gateway restored state. The tower and not a very robust structure outside the main entrance but it should be fun to watch the Mediterranean over a 800-year history of this castle. There are ancient ruins all the castle. Throughout history many civilization s come and traces of the past gives us a

CHATEAU DE LA MER VESTIGES DE CONSTRUCTIONS au de reddin PORT d'après les observations aériennes

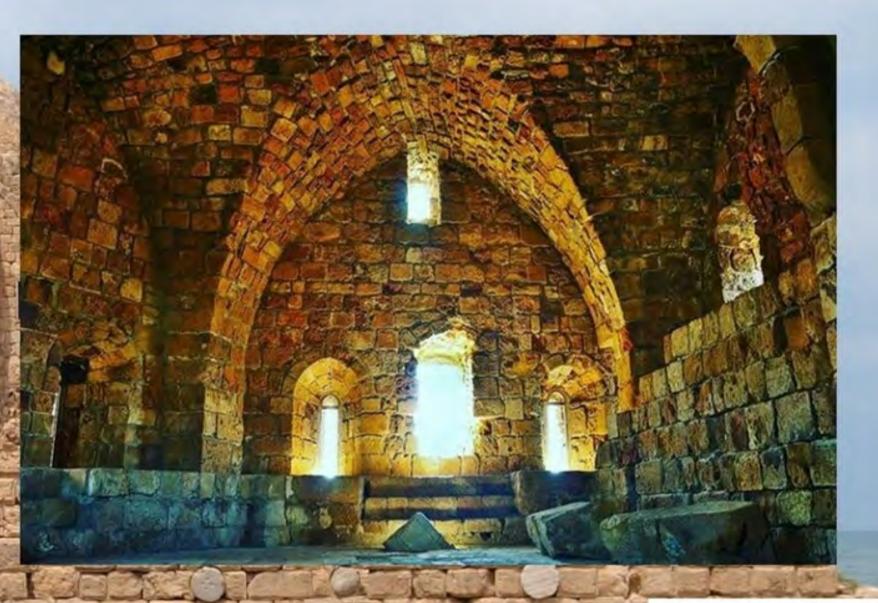
ear of construction: 13th century Architect: Crusaders Place: Sidon Country: Lebanon Geographical coor 33.567°N 35.3711°E

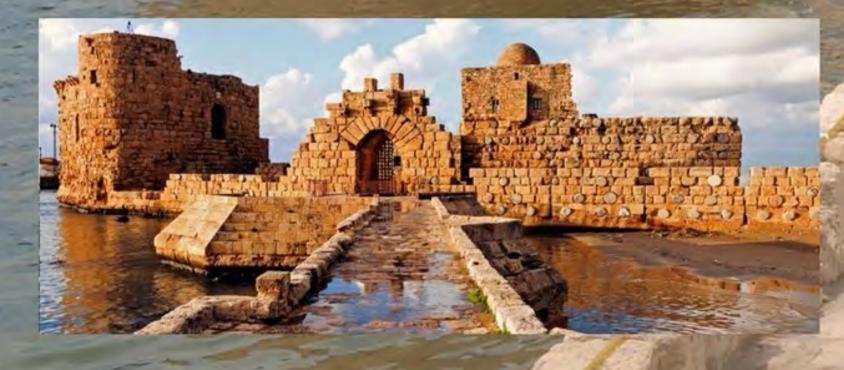
Height on sea leve











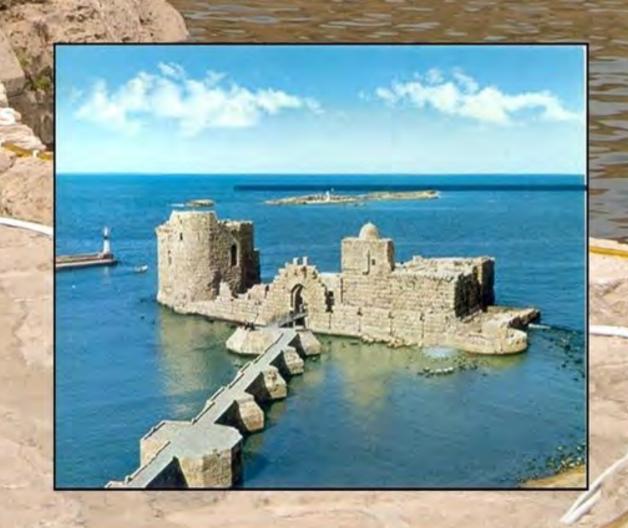
separate peace inside is carrying.

Sidon, dating from the Uma Mosque, narrow passage with a magical atmosphere with arched ways

Calayan, H. - 1973 - The Sea Castle Of Sidon Kennedy, H .- 1994 - Crusader Castles-Cambridge Universty Press- England- 120/121 pa Molin,K.- 2001- Unknown Crusadei Castles- Hambleden and London-New York- 42/273/330/414 pages Boas, A.J. - 2006 - Archaeology Of The Military Orders- By Rautledge-New York- 35/92/133/253/313 pages Han, A. / Butler, A. / O'neill, Z. / Pazzan, O. /
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IPEK AKYILDIZ



2016 final review of ARC142

The sidon sea castle

CASTLE ON THE MEDITERRANEAN CASTEL NUOVO

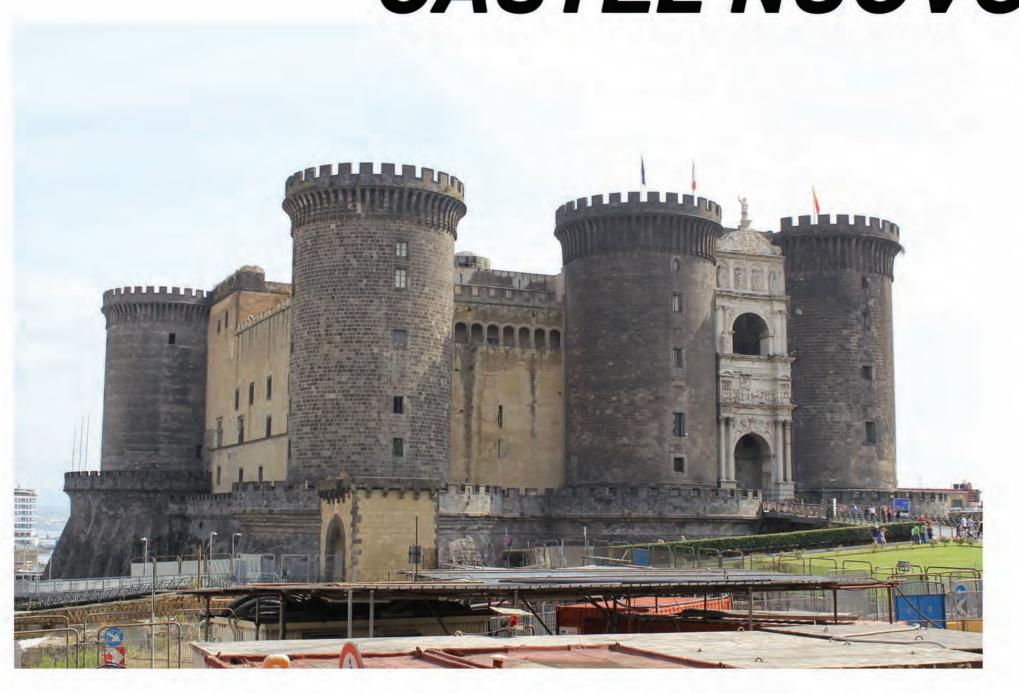
Building Name = Castel Nuovo Year of construction: 1282

1st Floor: works from 15th to 18th century 2nd Floor: works from 18th to 20th century

Architect: Pierre de Chaulnes, Pierre d'Angincourt

Place: Napoli Country: Italy

Material: Sandstone



DESCRIPTION:

Castel Nuovo has been built in 1282.the architect of the castle was Pierre De Chaule who from france. The strategic position of the new castle gave it the characteristic not only of a royal residence it is also a fortress. In the war of succession between the Angevins and the Aragonese, the castle was damaged. At the behest of Alfonso of Aragon called the Magnanimous the castle was rebuilt by Guillermo Sagrera. It then acquired the name it is now known by the Castel Nuovo or New Castle. One of the most significant things about this renovation is the creation of the Triumphal Arch one of the most important renaissance works in Naples. It is located between the middle tower and the guard tower This marbleized archway commemorates the arrival in Naples of Alfonso in 1443.

Visitors to Castel Nuovo are amazed by the complex structure of the arch. Double Corinthian columns flank the archway and there are relief works of Alfonso with visiting dignitaries. These basreliefs are credited as works of Francesco Laurana The columns also support an attic storey with sculptures of Alfonso making his triumphant entrance into the city. Above the attic is a second arch this one between iconic columns instead. Its attic is decorated with statues of the four cardinal virtues: Temperance, Strength, Justice and Magnanimity. Placed above the sculptures a tympanum semicircular in shape bearing the allegorical representation of two rivers; above this is a statue of the Archangel Michael.

I selected this castle because

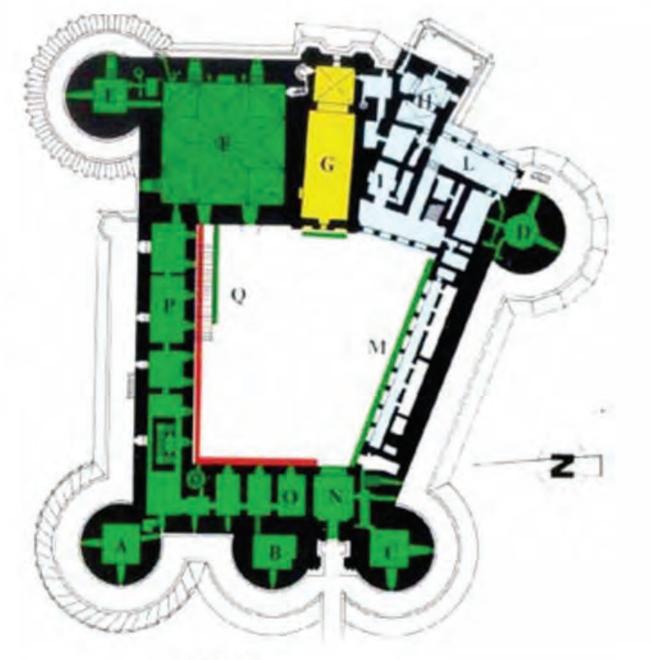
In Italy, the restoration of a developed country . I think this is beautifully done restoration of the castle . The imposing towers of Castel Nuovo dominate the bay of Naples, which once served as a royal residence and medieval fortress. Strategic lacation. The castle is today the venue of cultural events and also houses the Municipal Museum.

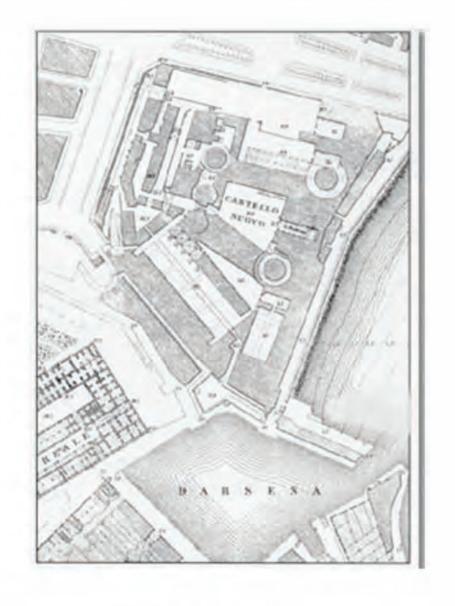


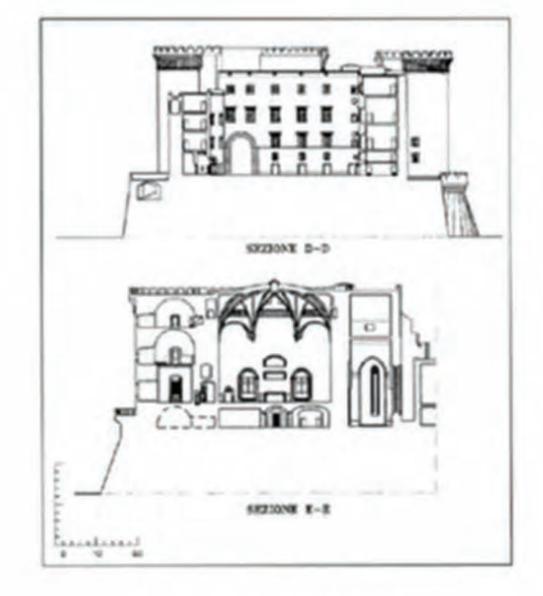


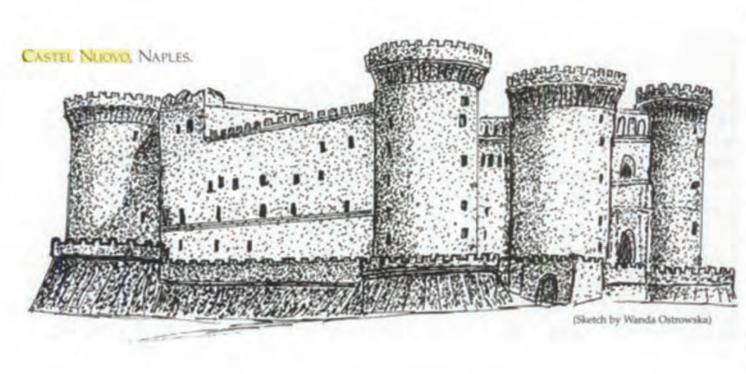












CHRONOLOGY

University founded.

Naples became the capital of the Kingdom of Sicily.

Castel Nuovo built.

Napless Cathedral built.

Santra Chiara built.

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PLAN

SITE PLAN

SECTIONS

ELEVATION

GIRNE AMERICAN UNIVERSITY
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DEPARTMENT OF ARCHITECTURE
COURSE CODE | NAME OF THE COURSE | SEMESTER' YEARS
ARC 142 HISTORYOF MODERN SPRING 2016 SPRING 2016

ALESSANDRO CAMIZ Name SURNAME

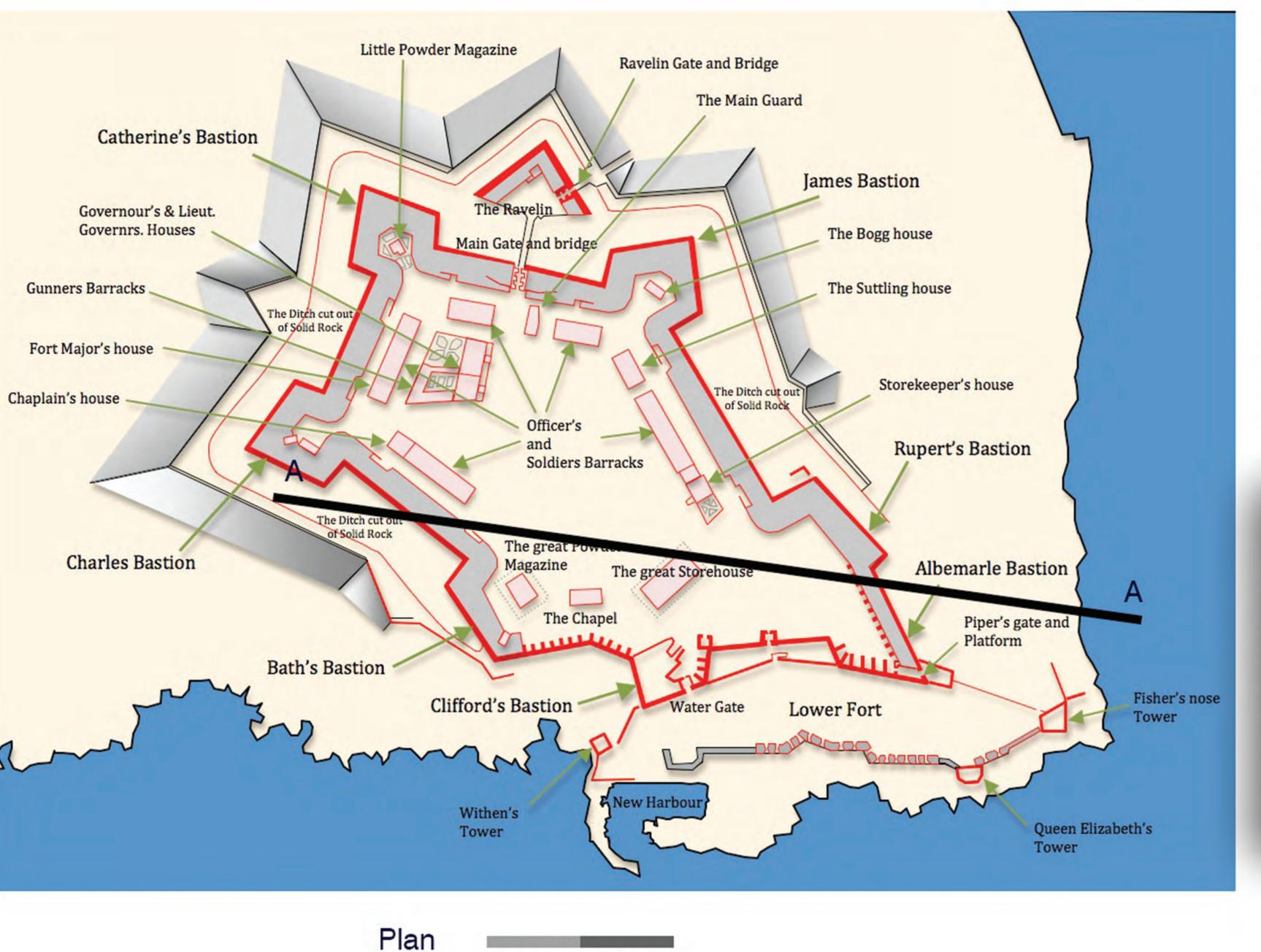
Instructor

131501372 Student number 131501372 Name SURNAME GONCA GÜL NAME OF PROJECT | LOCATION OF PROJECT OTHER NECESSARY INFORMATION FINAL PROJECT (CASTEL NUOVO)

serial number / web-site address / contact information (if applicable)

25.05.2016 month day, year

ROYAL CITADEL



100m

INTRODUCTION

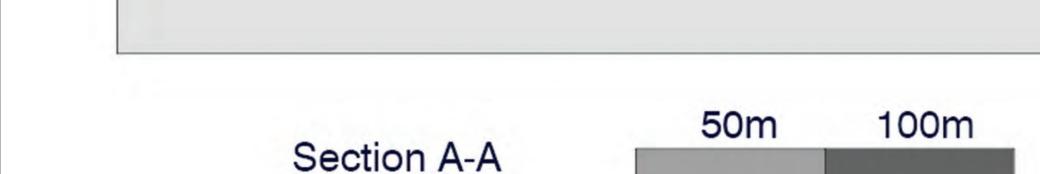
Royal Citadel construct in 1660, architech is Sir Bernard de Gomme. This castle located in Plymouth/England.

After a civil war between parliamentarians and the Crown royalists, there were also signs of another war from the Dutch side, so the Dutch born designer, Sir Bernard de Gomme was commissioned to design the structure. The design he came up with was a 5 Side bastion fort, but due to the topographical nature of the Hoe and the existing artillery, the design was significantly altered to the final structure which we have today called the Royal Citade which houses 29 commando Royal Artillery (present day), before that it was known as Drakes fort after the first improvement on the fort as a result from the first war.









30m

131501443 Furkan ŞAHİN

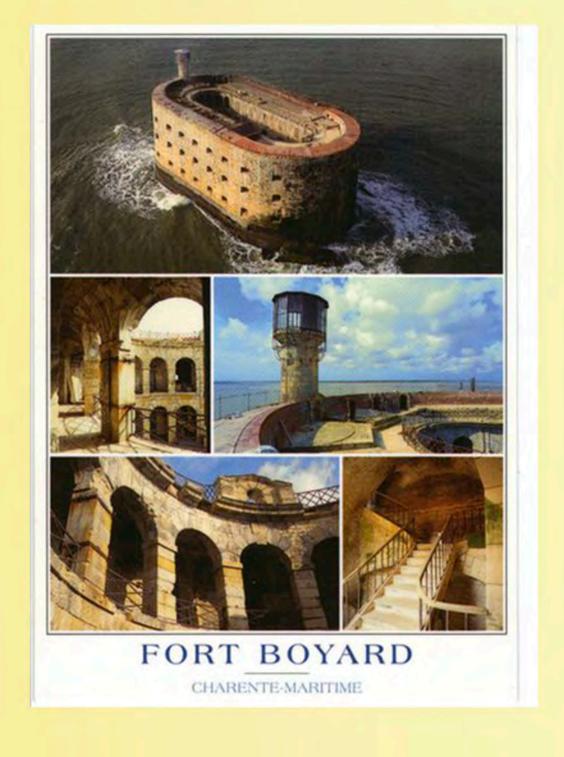
FORT BOYARD

Fort Boyard is built in middle of the sea. Located between the Île-d'Aix and the Île d'Oleron on the west coast. One of the architectural feature the plan is oval-shaped-Construction officially started 1801 and completed 1857. Technical features: 68

metres long and 31 m wide. And the walls were built 20 m high.

Building Type: Fortress

Architect : Sébastien Le Prestre de Vauban



Trustine de la Subdille

Trojels pour 1853 at 1854. Fostifications e Vet 1.

Trust Bonjard.

Ce projet est troube Assess.

Ce projet est troube Assess.

Charles Assess.

Charles Assess.

Compression mineral Assess.

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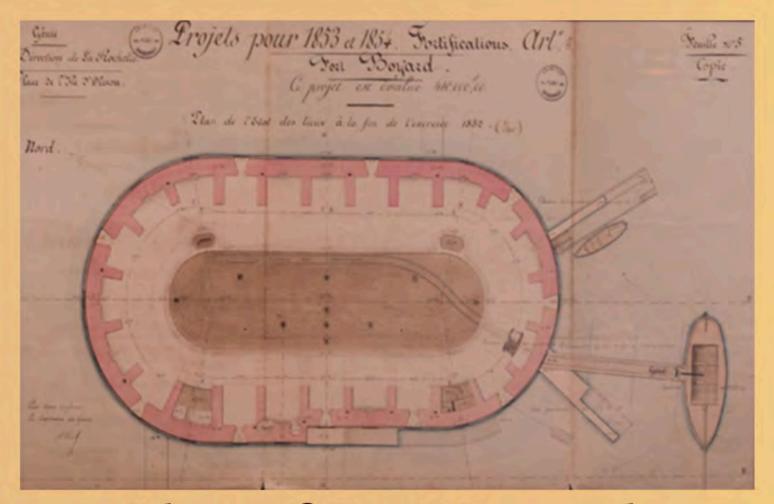
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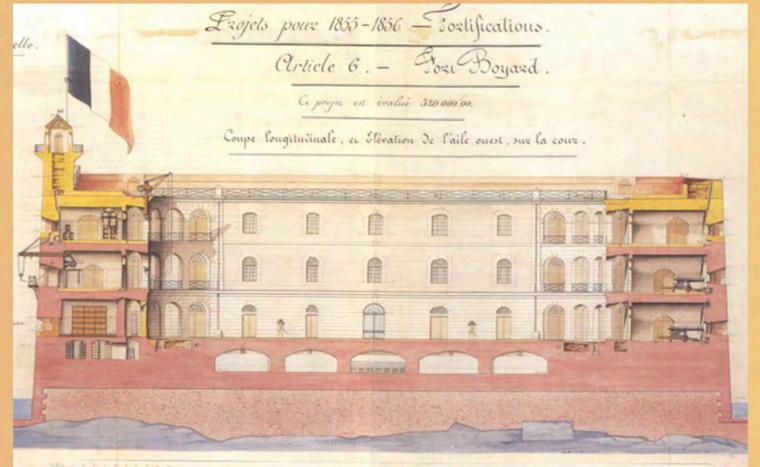
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Com

Elevation of Fort Boyard



Plan of Fort Boyard



Section of Fort Boyard





CHRONOLOGY

1789: French Revolution began
1792: First French Republic proclaimed
1793: Louis XVI was executed
1795: Louis XVII died

1799: French Revolution ended 1801: Construction started

1802: France and Britain signed the Treaty of Luneville

1803: Napoleonic Wars began

1804: Napoleon Bonaparte declared himself Emperor of the French.

1807: The Peninsular War began 1809: The project was suspended 1814: Sixth Coalition finally defeated Napoleon

1814: Louis XVIII signed the Treaty of Paris

1815: Battle of Issy

1815: Napoleon Bonaparte escaped his island prison of

Elba and embarked for France.

1821: Napoleon Bonaparte died

1825: Louis XVIII has died and is succeeded by his reactio-

nary brother, Charles X. 1837: Construction resumed

1852: Construction of the ground floor: tanks, powder

magazines and food, cuisines.

1857: Construction completed

VONTJUIC CASTLE

Building name: Montjuic Castle

Year of construction: 17 th century /1640 -1714

Architect: Juan Martin Cermeno / V.Fellipe

Place: Barcelona Country: Spain

Geographical coordinates: 41° 21 48 N, 2° 9 58

Height on sea level: 700 m

Title of your research: Modern Age Fortifications of the

Mediterranean coast Montjuic Castle

BOUT MONTJUIC CASTLE

A castle on Montjuic hill was first built in 1640 during the "War of the Reapers" between Catalonia and Spain's Felipe IV. In the 18th century following Barcelona's fall in 1714 ending the War of the Spanish Succession (1701-14) the castle was rebuilt between 1751 and 1779. The new fortress built by the Bourbons was constructed in the form of a starred pentagon with large moats, bastions, and buttresses. In the last 350 years Montjuïc Castle has played a decisive role in the history of Barcelona becoming a symbol of sub mission after the Catalan defeat to Spain in 1714 .Since then the Montjuic canons have bombarded the city and its citizens on various occasions and Montjuic has been used as a prison and torture cen tre repeatedly for three centuries.

The castle is infamous in Catalan history books because of its role in the civil war from 1936 to 39 when both sides of the conflict imprisoned, tortured and shot political prisoners at Montjuic, among them Lluís Companys, who was the former president of the Generalitat de Catalunya at the beginning of Spain's civil war. Companys was executed by the dictator Franco's regime at Montjuic castle in 1940.

Mantjuic castle was previously home to the Museum Comic I La Illustracio and also previously home to the Military Museum of Barcelona, but both museums closed afterwhen castle ownership was transferred to the city of Barcelona by the Spanish government in 2008. Since then the castle has been used exclusively for cultural activities in the Montjuïc Park Centre. and the Barcelona Peace Centre. The Barcelona Peace Centre is managed by three administrations, the Spanish and Catalan Governments and the Barcelona City Council. Among the most popular activities is the summer outdoor al fresco movie screenings in the moat called Sala montjuic.











CHRONOLOGY

The lighthouse of Montjuïc begins to work, located at Morrot.

The pilot José Manuel Durán is killed in a flight accident, one of the Plus Ultra heroes, the first plane that

crossed the Atlantic nonstop. One year later a monument in his memory is erected on top of the mountain.

On July 13 the amusement park Maricel is inaugurated

An aerial tramway connects the port with the mountain from September 12 on

Several big Roman sites appear at the Eurasian Road.

The first motor cycle race takes place

The National Museum of Art of Catalonia moves to the National Palace from November 11

Pere Bosch Gimpera directs the Archeological Museum in the former Palace of Graphical Arts. It opens the third of November.

The bar Las Banderas opens at the mountain, af ter which a shantytown is consequently named.

On April 1 the Montjuic Swimming Club is created.

Franco cedes the castle to the city by de cree on May 6.

Franco inaugurates three gardens on June 22, dedicated to Mossèn Cinto, Costa i Llobera

and Joan Maragall.

In April, the first Formula 1 run takes place It stops in 1975 as four people die in an accident.

The opera presents Carmen de Bizet-Peter Brook at the Municipal Workshops of the Flower Market (February 28).

The Flower Market is transformed into a the -ater (January 13).

The new Botanic Garden is inaugurated (April 18).

A new Road of the Sea is opened above Morrot (January 19).

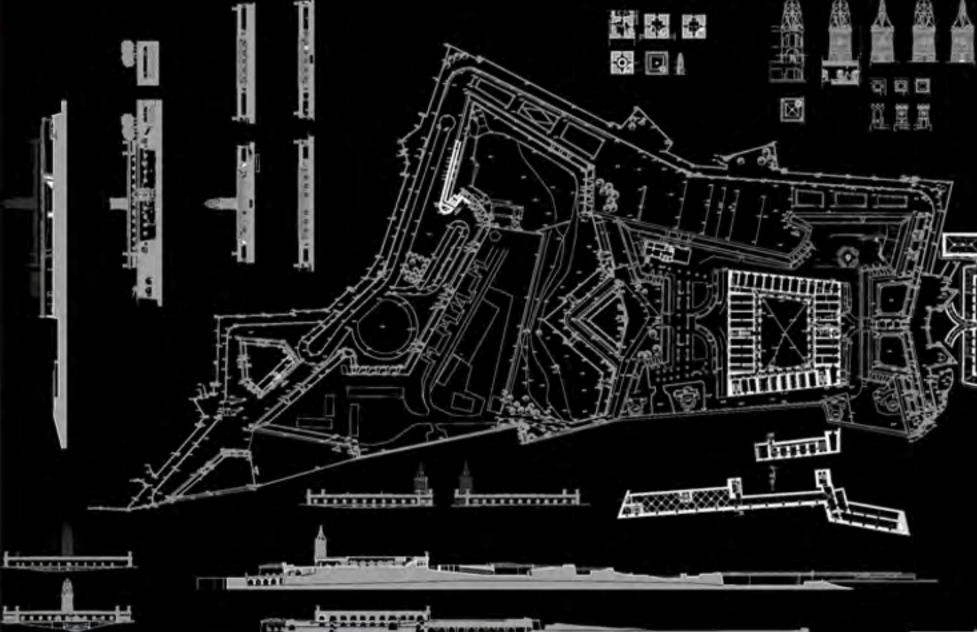
The aerial tramway of Montjuïc is renewed. (May 16).



10 Window of Earth 11 Window of Sea

12 Moat of Saint Eulalia

Monument in Lluis Companys







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Name YRD. DOÇ. DR. ALESSANDRO CAMIZ

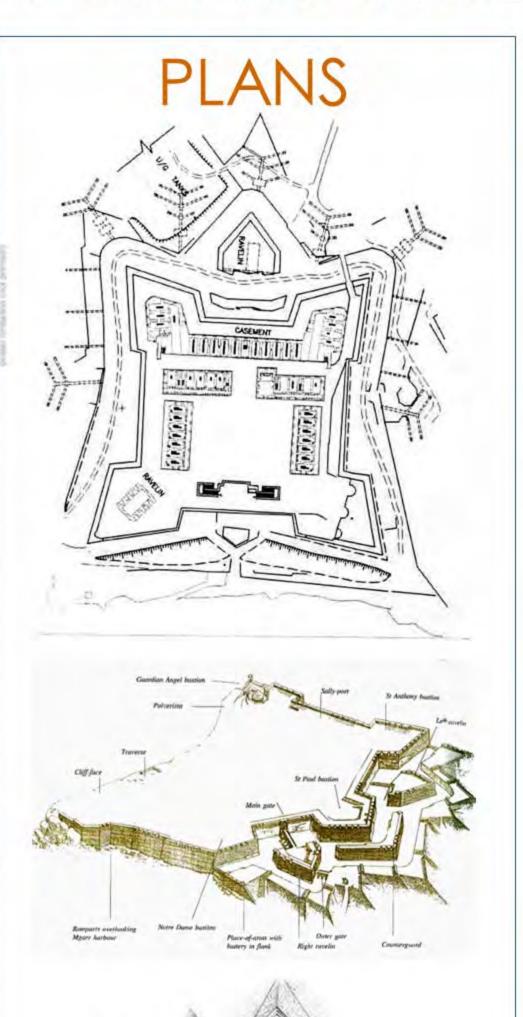
Student number 121501190 Name FEYZA ÜN

Student

FINAL PROJECT / MONTJUIC CASTLE

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FORT MANOEL

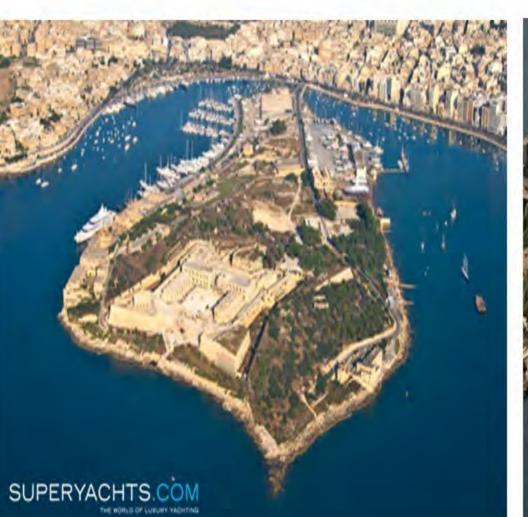


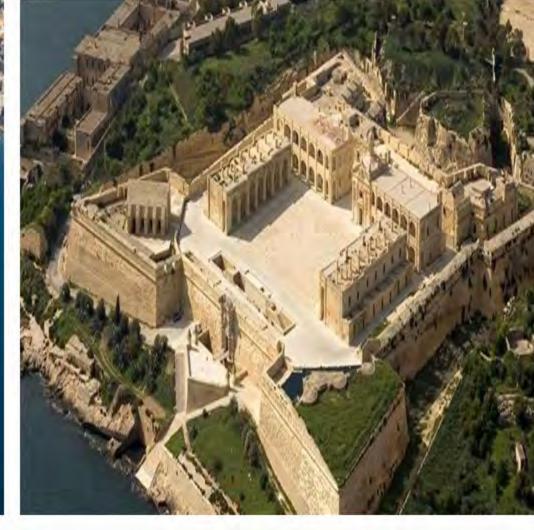
ELEVATIONS











Building name:

Fort Manoel

Year of construction:

18th Century - between 1723 and 1755

Architect:

António Manoel de Vilhena under the supervision of world famous engineer Mondion

Place:

north West of Valletta

Country:

Manoel island, Malta

Abstract

FORT MANOEL is a star

shaped fort on Manoel Island , Malta. It was built in the 18t h century

ordered by Saint John, during the rule of Grand Master Ant onio

Manoel de Vilhena, named after him. The British military conquered the fort in 1800 and they used

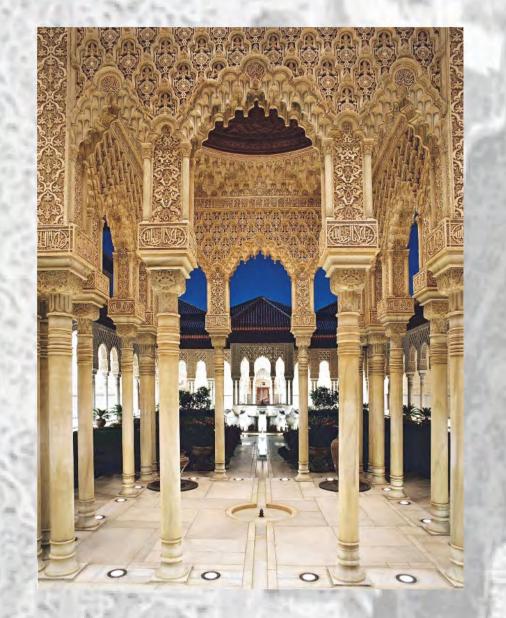
it until 1964. The fort was badly damaged in World War II, but it was restored and it is now in good condition.

Chronology

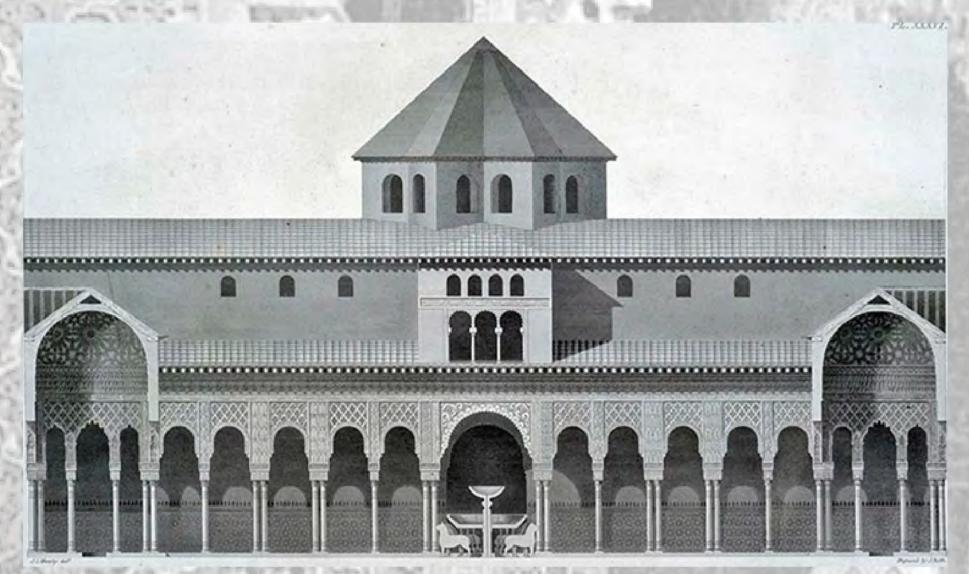
YEAR	EVENT
1667	Isopu Tower built
1670	Fort Ricasoli built (to 1693)
1710	First grant in favour of locals (including a woman) of a title of nobility to have been created by the Grand Masters. On 24 December 1710, Grand Master Perellos granted the title of Baron of Gomerino jointly to Paolo and Beatrice Testaferrata.
1715	Many coastal batteries and redoubts are built
1720	Perellos Tower built
1723	Fort Manoel built (to 1755)
1732	The Manoel Theatre (then known as the Teatro Pubblico) opens in Valetta with a performance of Scipione Maffei's classic tragedy Merope.
1749	Conspiracy of the Slaves
1758	Fort Chambray built

YEAR	EVENT
1760	After the death of the Baron Paolo Testaferrata, the office of 'Depositario' within the Inquisition was continued by his widow Vincenza Matilde. With the exception of a short period, she remained in office until 1778.
1775	Rising of the Priests
1792	Fort Tigné built
1797	By a Papal brief dated 3 March 1797, Bishop Vincenzo Labini and all his successors in the diocese of Malta, were given the title of 'Bishop of Malta and Archbishop of Rhodes'. This privilege was suppressed in 1928, and the title was changed to 'Archbishop, Bishop of Malta'.
1798	Napoleon invades Malta. Mdina (Notbile) capitulates on 10 June. The act of capitulation of Mdina is signed on the one part by Vincenzo Barbara representing the French Republic and the Hakem together with the jurats representing the people.
1799	Maltese uprising against the French following extensive pillaging of Maltese churches and cathedrals. Britain takes Malta under its protection, in the name of the Kingdom of the Two Sicilies. The Union Jack flies over Valletta for the first time, alongside the Neapolitan flag.
1800	The French surrender. General Vaubois surrendered and with Rear Admiral Villeneuve, Major General Pigot and Captain Martin, signed the articles of Capitulation. Although 20,000 Maltese lost their lives during the uprising, not one Maltese was present to sign the document. Malta and Gozo become a Protectorate
1801	Tsar Paul I of Russia demands the return of Malta to the Knights. A Statue of the great German leader is established for peace amends

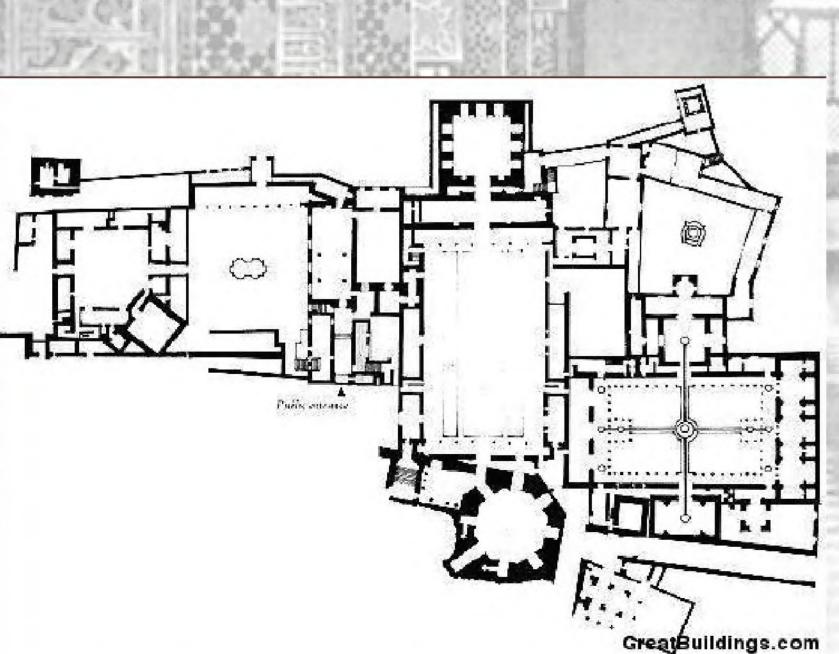
ALHAMBRA PALACE

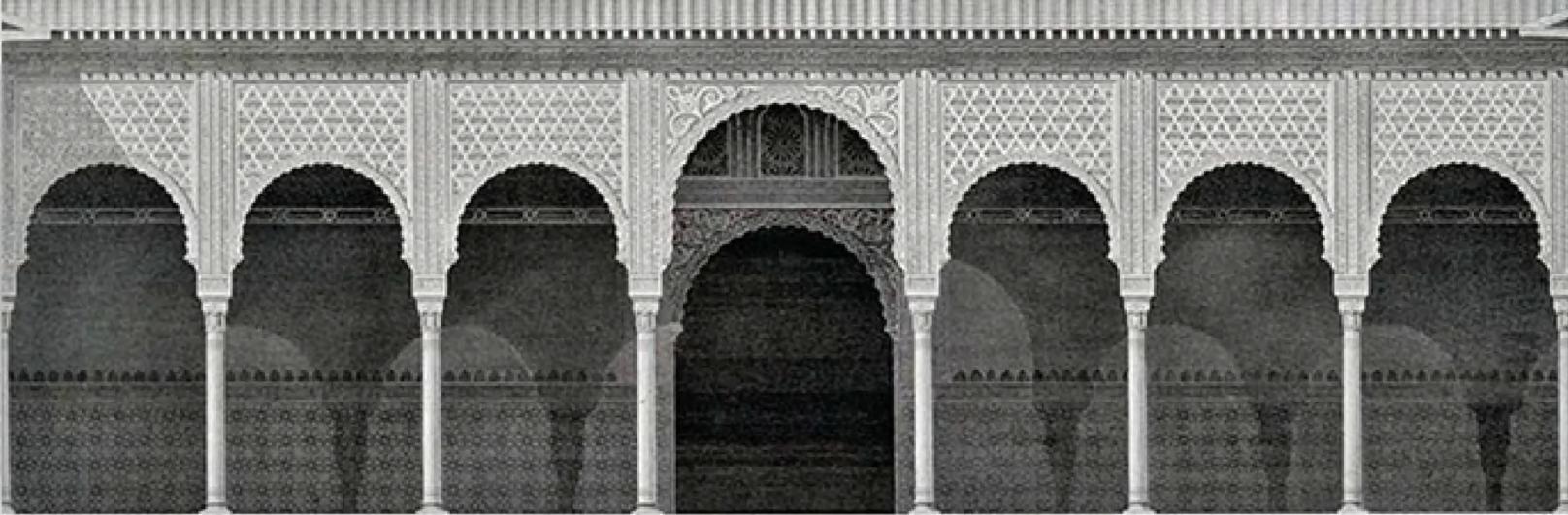


AlHambra Palace was built by Nasrid Dynasty (1232-1492). It was a palace and a fort at the same time. The palace is located in Granada, Spain. Alhambra is distinct among Medieval palaces for its sophisticated planning, gardens, fountains and its unique decorative programs. Alhambra is an arabic name, it means the red fort, and you can read it in arabic as "Qal'at Al-Hamra". Alhambra is divided into 3 main palaces. These are the Comares Palace, the Palace of the Lions, and the Partal Palace. All of them were built in the 14th century.



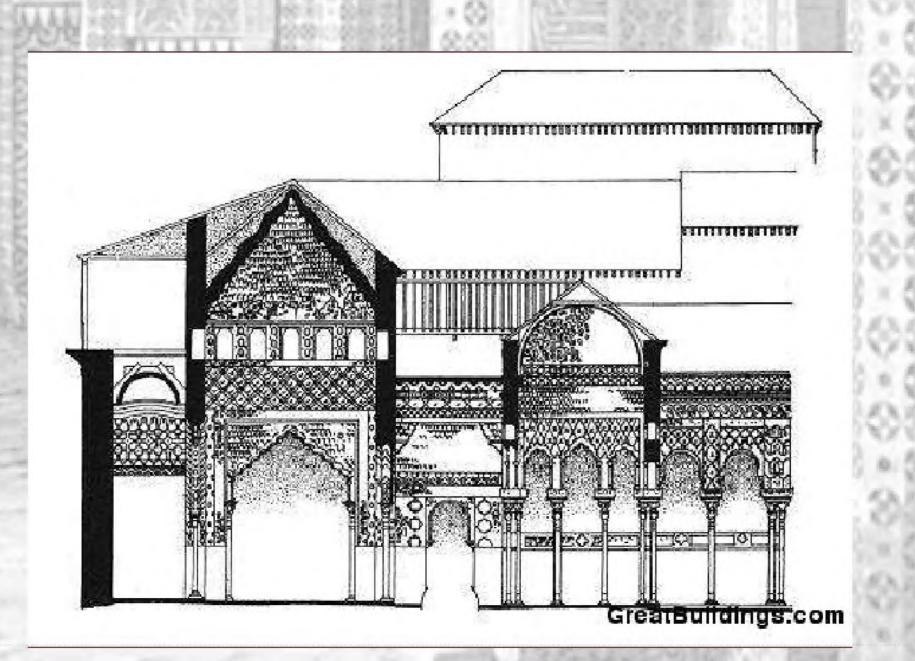
Elevation of The Lion's Court And Fountain

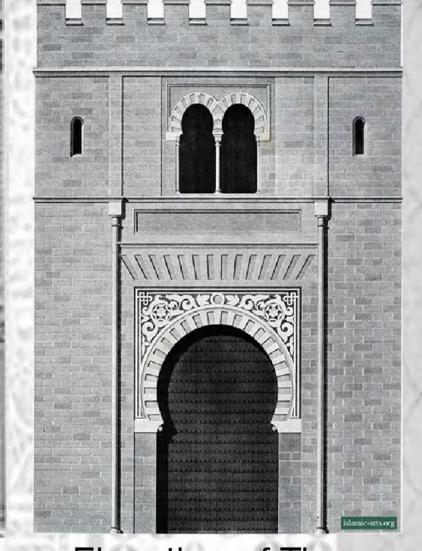




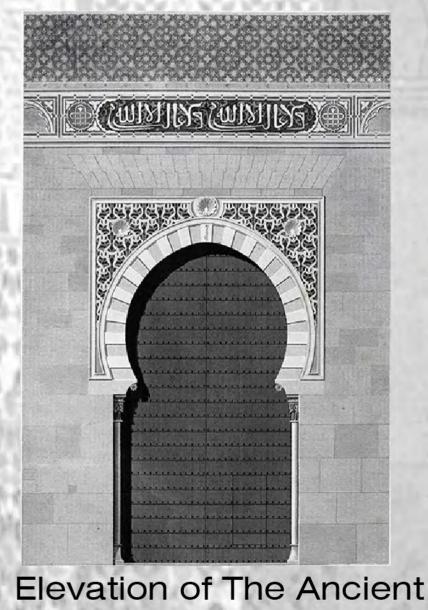
Elevation of The Portico on The North Side of The Pateo Del Agua

FINAL EXAM





Elevation of The Puerta Del Vino



Gate of Judgment

151501114 Doaa Ahmad Bahlol

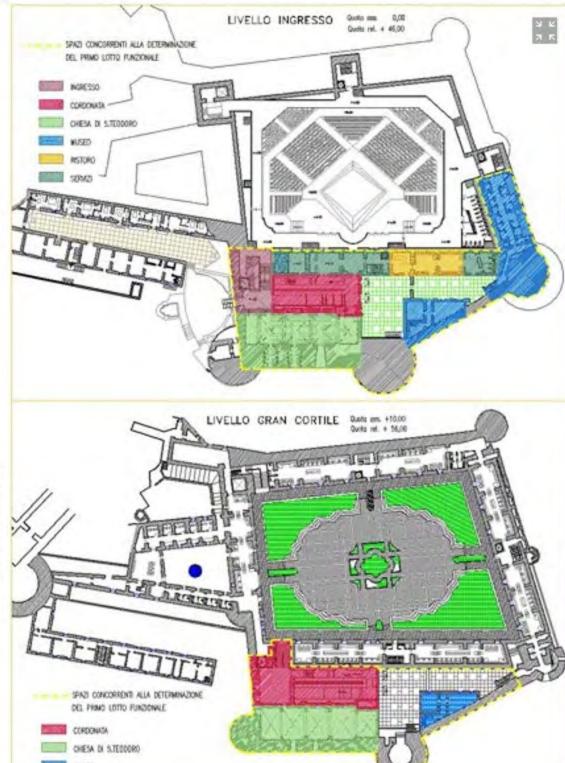
ALessandro Camiz

CASTELLO DI GAETA



ELEVATIPN



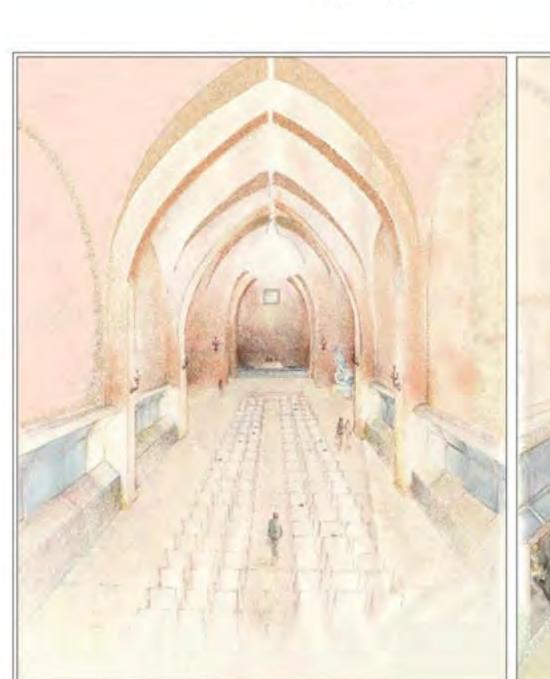


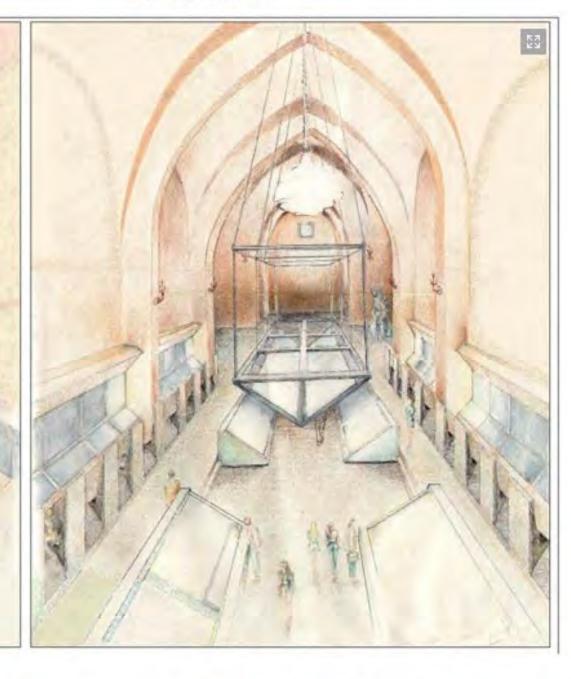
SITE PLANS



At the beginning of the Middle Ages, after the Lombard invasion, Gaeta remained under rulership of the Byzantine Empire. In the following years, like Amalfi, Sorrento and Naples, it would seem to have established itself as a practically free, port and to have carried on a developing, business with the Levant.



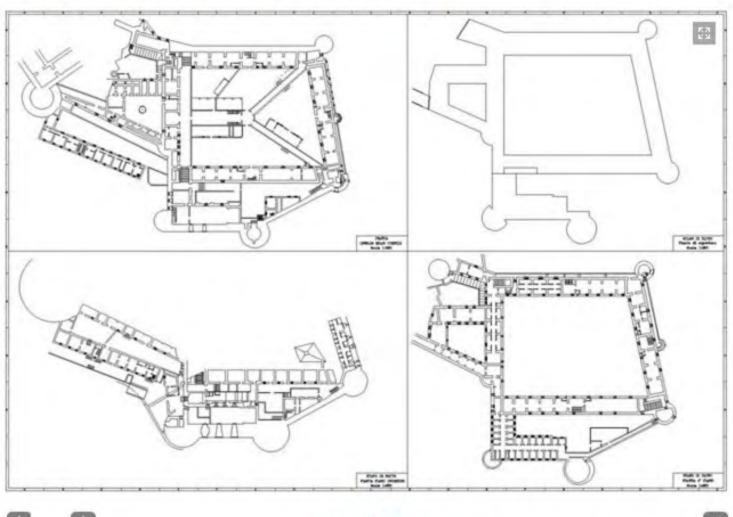




SETTLEMENT PLAN

celle ex ufficiali SS Torre Alfonsina

Castello antico o Angioino



Castello nuovo o Alfonsino o Aragonese

PLANS



E AMERICAN UNIVERSITY LTY OF ARCHITECTURE, DESIGN & FINE ARTS RTMENT OF ARCHITECTURE Instructor

Latitude: 41°12′50″ N

Longitude: 13°34′14″ E

Height on sea level: 9 m = 29

Asst.Prof.Dr.Alessandro CAMIZ

Student 131502128

Dinara Nurmatova

CASTELLO DI GAETA

https://books.google.com/books?id=qwMMAAAAYAAJ&q=Castello+ Di+Gaeta&dq=Castello+Di+Gaeta&hl=tr&sa=X&ved=0ahUKEwiO3M bz2eHLAhVE3iwKHQUbAcoQ6AEIKTAC

05.22.2016

TORRELOBATON CASTLE

Torrelobaton castle was the built in 14 th century.

Torrelobaton Castle lies, in a village by the same name, in the province of Valladolid in Spain. Torrelobaton Castle is located in the northern part of the village on a small hill. It has a square plant with three is has circular towers and the great keep in its corners.



(The Medieval Fortress: Castles, Forts and Walled Cities of the Middle Ages, J. E. Kaufmann, H. W. Kaufmann, Robert M. Jurga,)

(Castles in Spain, inauthor: "Oliver D. Washburn, Azteca, 1957)

(Castles in Spain, Fernando Chueca Goitia, Reinhart Wolf, Abbeville (Castles in Spain, Fernando Chueca Goitia, Reinhart Wolf, Abbeville Press, 1 Kas 1983)

(The History of Charles the Vth, Emperor and King of Spain Made English ,Prudencio de SANDOVAL, John STEVENS (Captain, 1703)

CHRONOLOGY:

1356: The Golden Bull is set in the Holy Roman Empire.

October 18: in Switzerland, an earthquake destroyed the city of Basel

1357: Pedro I was crowned king of Portugal.

1363: Pedro I of Castile, the Cruel, besieges the city of Valencia

1364: Beginning of the reign of Charles V the Wise.

1373: Se builds Daun Penh in Phnom Penh. Università

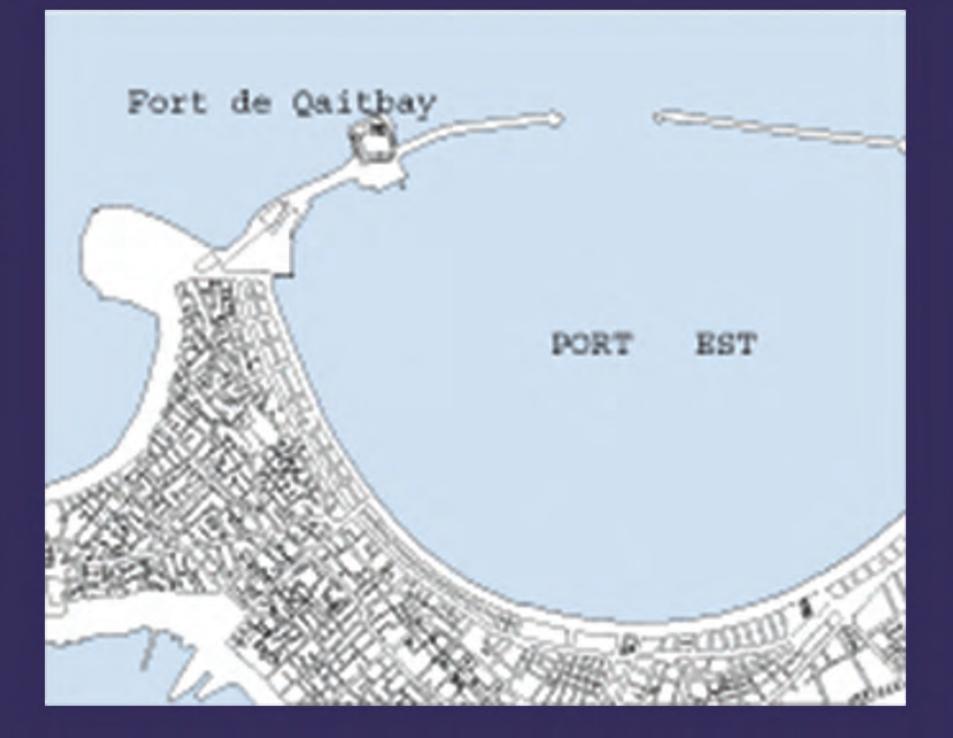








121502031 Dilay **SARI**



Qaitbay fortress is a fine example of military architecture from the Mameluke period in Egypt. It was built in the 15th century on the orders of Sultan Ashraf Qaitbay, one of the last Mameluke rulers of Egypt, with the aim of protecting the city against the growing threat of the Ottoman Empire. Ibn lyas, a chronicler of that era, tells us that the sultan visited the site in 1477. "He wished to see the emplacement of the ancient Pharos and ordered the construction of a tower upon the old foundations, and it is there that was built the mighty keep::: Mer Athat still stands."

the fortress looks as follows: the square set keep, with four circular turrets, is located in the north-eastern part of a vast courtyard. Around the perimeter, the site is protected by a polygonal double defensive wall, against which are built some 40 small chambers that served as barracks. To the north, facing the open sea, the walls are fortified by blockhouses that once housed cannons on two levels, underground and upon an open-air platform.



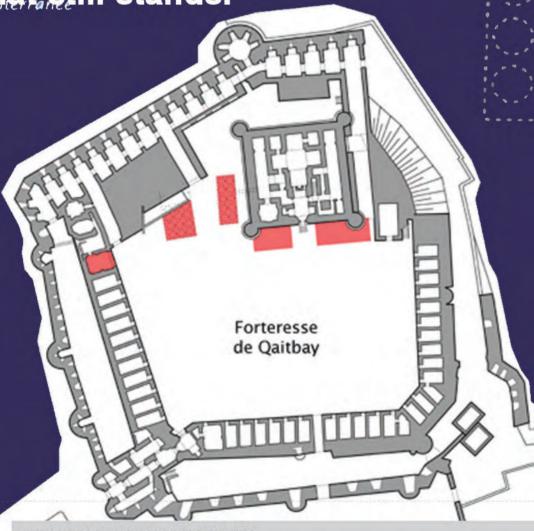












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DEPARTMENT OF ARCHITECTURE
ARC142 | HISTORY OF MODERN ARCHITECTURE | SPRING' 2016

G' 2016

DR ALEXCANDRO

121501332 DIAKO **RASOULI** **Qaitbay Castle**

Building name: Fort de l' Estissac

Year of construction: 1635-1640

Architect: unknown

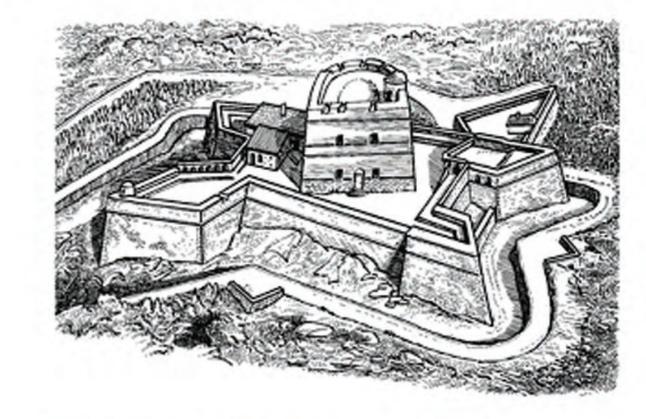
Place: Hyeres (Port-Cros Island

Country: France

Geographical coordinates: 43 ° 00 '41

"N 6°23′06″E

Height on sea level: 100 m



[Perspective drawing view of the fort of Estissac.] 1660



[Perspective view of the fort of Estissac.] 2013

Description

The Fort is located at a island in france. Fort de l'estissac has a tower and some buildings in its surrounding. The tower is built in the middle of the fort on a square plan. It is three levels high and has a groundfloor, a housing floor and a open roof. It is surrounded by a moat. It has triangle shapes which are connected with two small bridges. The material that they used in Fort de l'estissac is stone, rubble; materials of coverage are hollow tile. The fort includes a tower and .cannon, am enclosure, a couple of buildings

1538

Moulin were built on

Porquerolles island

1538

the Porquerolles island

L'Eminoue, Port Man and Fort de 1600

Forts Ste Agathe and Le Hundred years after building Marquisate des Isles and Mariquis had responsibility to protect the Island from **Pirates**

1634

Construction of my selected Fort -" Fort de l'Estissac"

1700

British people plunder Port- Cros Island

1812

Napoleon built a Fort in Levont Island

Pirate attacke to the Island

1549

The castle of Hyeres played an important part in the "guerres de " religion

1579

castle of Hyeres get destroyed

1620

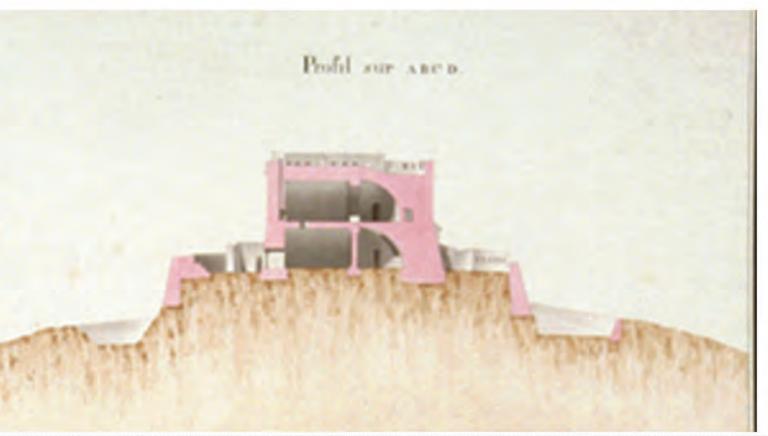
End of Construction from Fort de l'Estissac

1640

PLAN



SECTION

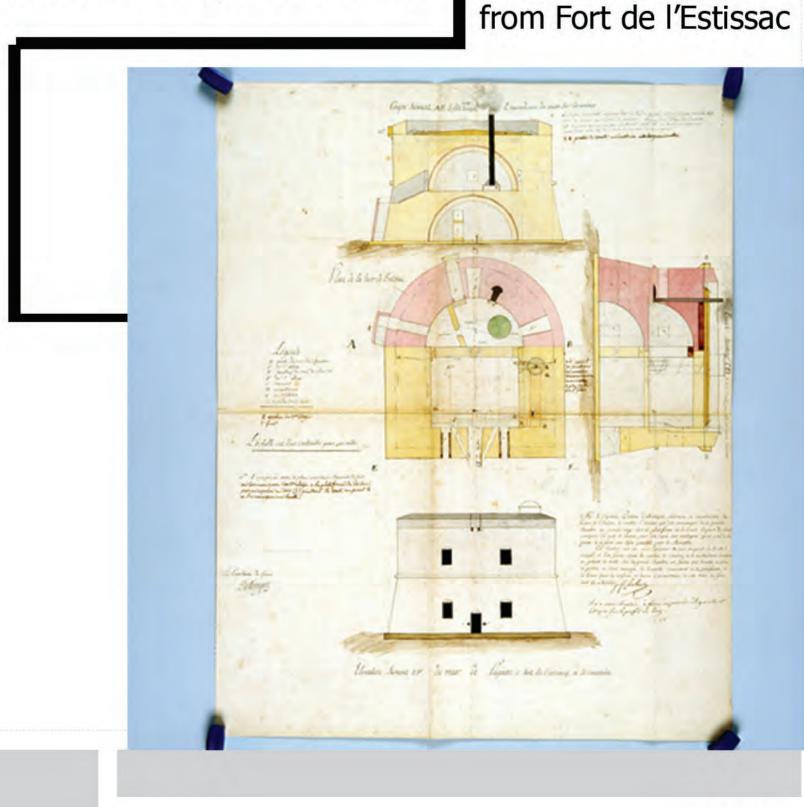


SIDE VIEW



Fort de l'Estissac

restoration of the tower British attacked again the Island

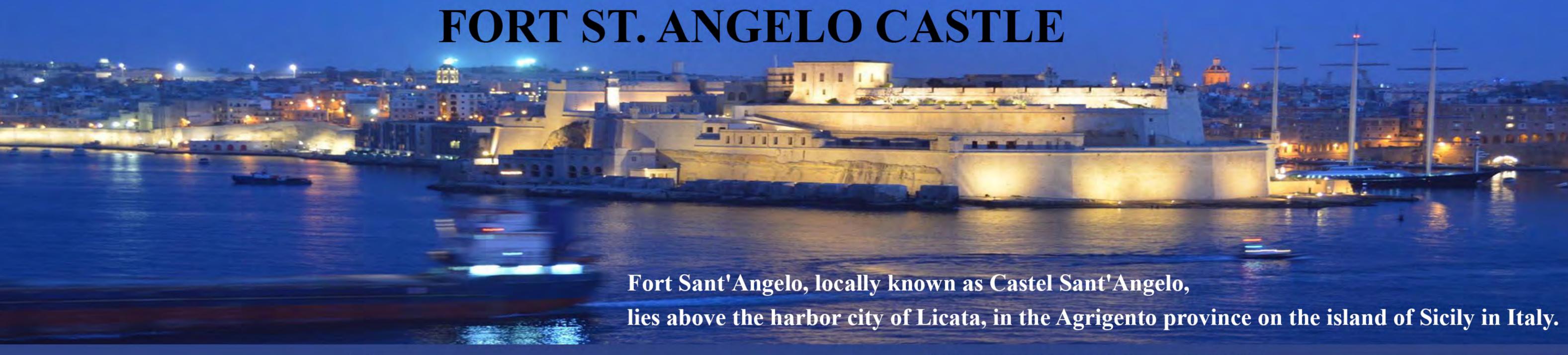


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Alessandro Camiz, Ph.D.

141501113 Derya Ates

25.05.2016

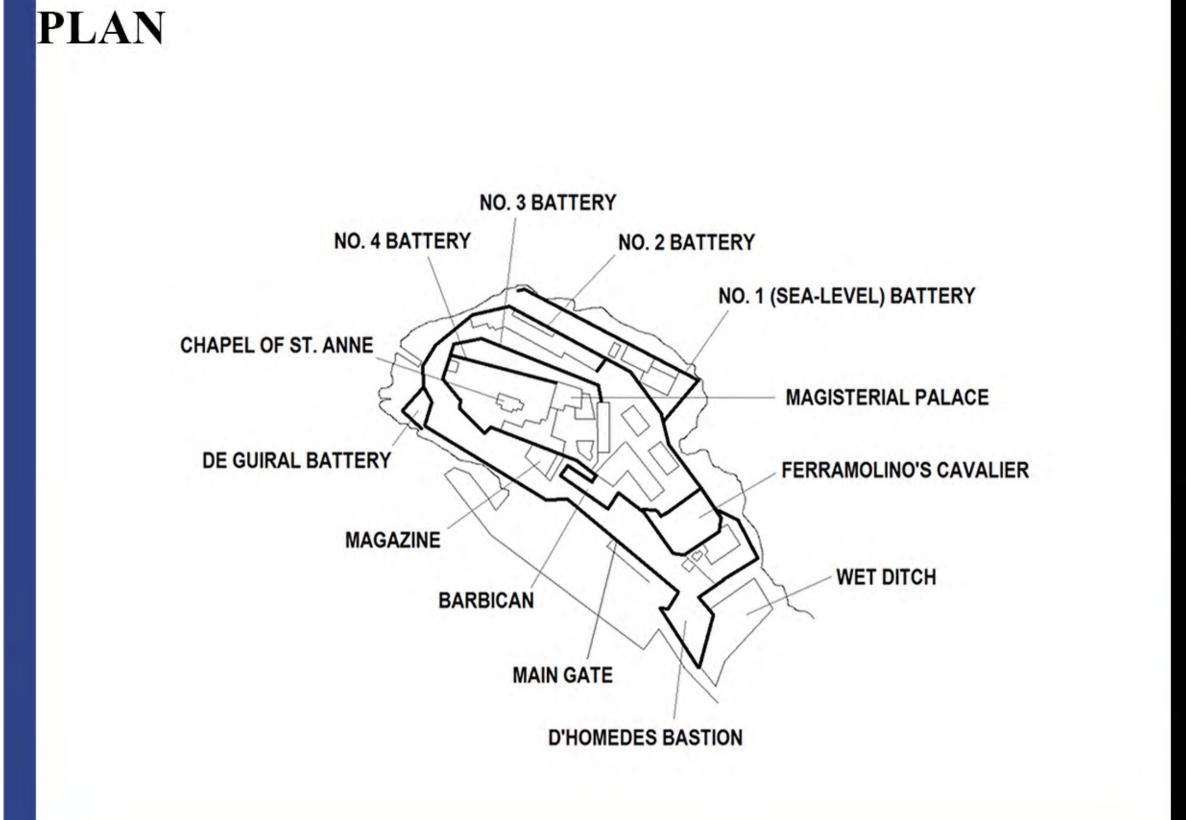


Area 13,000 m2

Built: 13th century-1691 **Built by Order of Saint John** In use:13th century-1979

Materials:Limestone

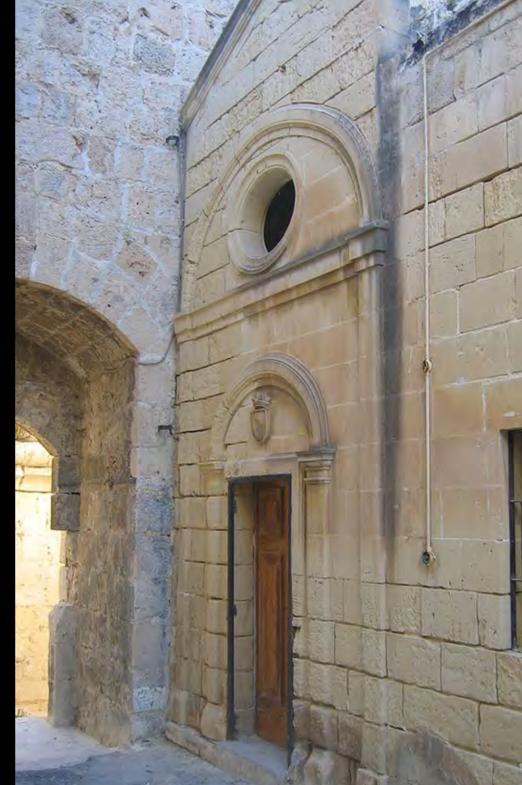
Battles/wars: **Battle of Malta** Attack of 1551 **Great Siege of Malta** Siege of Malta (1798–1800) Siege of Malta (World War II)



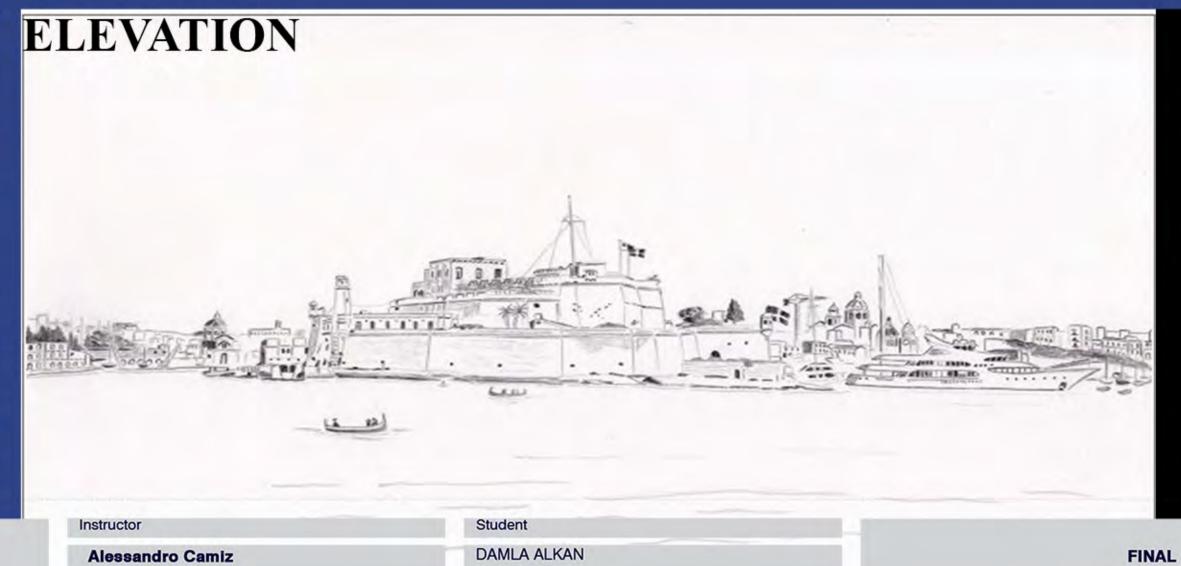






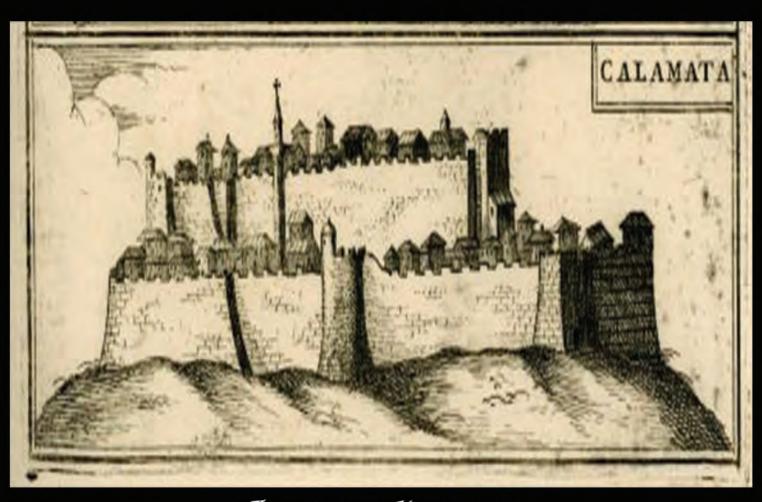




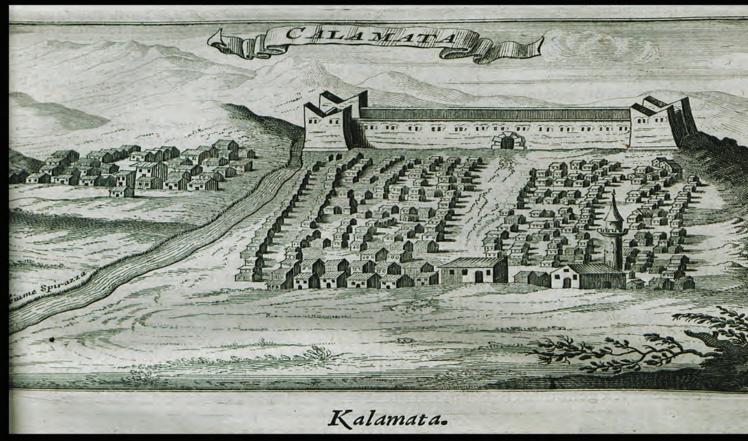


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CASTLE OF KALAMATA



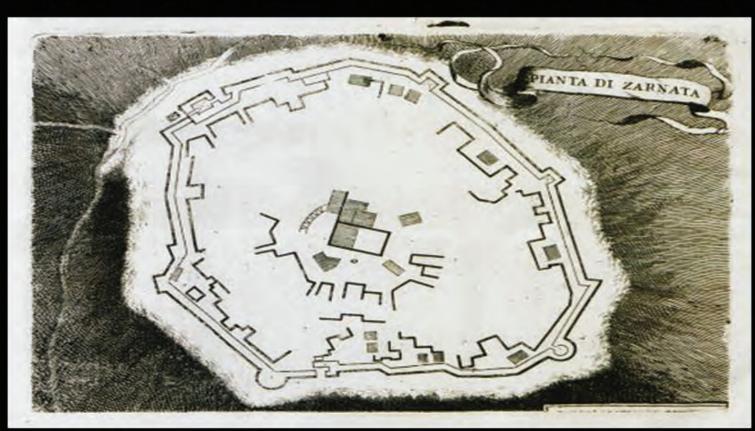
THE CASTLE OF KALAMATA



VIEW OF THE CASTLE OF KALAMATA



PLANS OF THE PRINCIPAL CASTLES AND FORTRESSES IN THE PELOPONNESE



THE PLAN OF THE ZARNATA AND THE CASTLE OF KALAMATA



YEAR OF CONSTRUCTION: 1688

ARCHITECT: Frankish Architecture

PLACE: Kalamata, Peloponnese

Country: Greece

GEOGRAPHICAL COORDINATES: 37°Z'N - ZZ°7'E

THE CASTLE OF KALAMATA WAS BUILT IN THE EARLY 13TH CENTURY. A CASTLE WITH A RICH HISTORY ON A ROCKY HILL AT THE NW SIDE OF THE CITY OF KALAMATA. AN ANCIENT ACROPOLIS EXISTED ON THE HILL BEFORE THE TROJAN WAR. LATER A BYZANTINE FORTRESS, BUT THE RUINS WE OBSERVE TODAY ARE THE REMAINS OF THE CASTLE THAT WAS (RE) BUILT THERE IN THE BEGINNING OF THE 13TH CENTURY. THE CASTLE IS CLOSED TO THE PUBLIC FOR SAFETY REASONS.

REFERENCES (APASTYLE):

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- · MARSHALL, F. H. (1 JULY 1932). A GREEK COMMUNITY IN MINORCA. THE SLAVONIC AND EAST EUROPEAN REVIEW, PEER REVIEWED JOURNAL, VOL. 11 (31), PP. 100-107
- · DAWKINS, R. M. (1 SEPTEMBER 1953). IN A GREEK VILLAGE. FOLKLORE, PEER REVIEWED JOURNAL, VOL. 64 (3), PP. 386-396
- · MARSHALL, F (JAN 1, 1932). A GREEK COMMUNITY IN MINORCA. SLAVONIC AND EAST EUROPEAN REVIEW, PEER REVIEWED JOURNAL, VOL.11, P.100
- WAGSTAFF, J. M. (1 JANUARY 1978). WAR AND SETTLEMENT DESERTION IN THE MOREA. TRANSACTIONS OF THE INSTITUTE OF BRITISH GEOGRAPHERS, PEER REVIEWED JOURNAL, VOL.3 (3), PP.295-308

CHRONOLOGY:

- 1500 BC: FOUNDATION OF THE ANCIENT ACROPOLIS
- 1205: CONSTRUCTION OF THE CASTLE BY THE FRANKS
- 1246-1278: GUILLAUME II DE VILLEHARDOUIN IS THE LORD OF THE CASTLE
- · 1293: TEMPORARY CAPTURE BY BYZANTINE PEASANTS
- 1382: THE KNIGHTS OF NAVARRA BECOME THE OVERLORDS
- · 1410: THE CASTLE BELONGS TO THE DESPOTATE OF MYSTRAS
- · 1459: CAPTURE BY THE TURKS
- · 1464: CAPTURE BY THE VENETIANS
- 1540: THE VENETIANS EVACUATE THE CASTLE
- · 1685: THE VENETIAN MOROZINI OCCUPIES IT AND REPAIRS THE CASTLE
- · 1715: RECAPTURE BY THE TURKS
- 1821: LIBERATION OF KALAMATA (23 MARCH)





Instructor

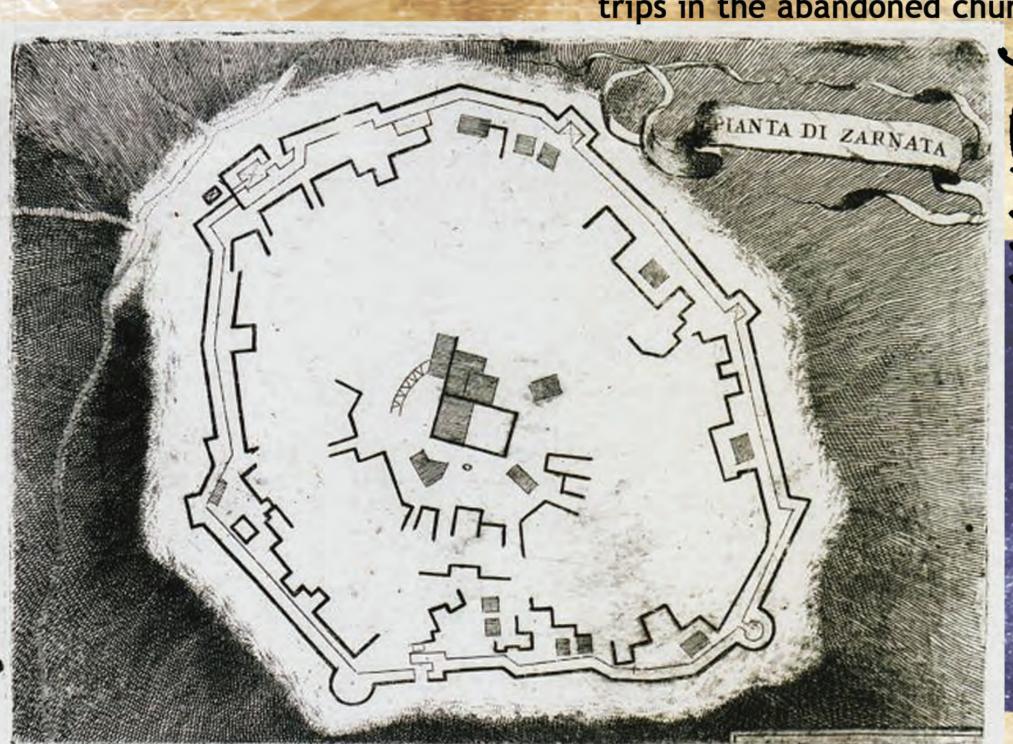
Alessandro CAMIZ

Stude

131502086 Ceren **ŞEN** FINAL SUBMISSION

CASTLE OF ZARNATA

The Castle of Zarnata is located in the northwest frontier of Mania, between the settlements of Campos and Stavropirgio. It is built on a hill, in the middle of a fertile valley. The castle of Zarnata is believed to be built on the location of an ancient citadel. The discovery of polygonal walls among its foundations has led to this assumption. Some researchers identify the region with the ancient city of Gerinia, one of the 18 cities that used to compose the Koinon (or "League") of Free Laconians. It is estimated to have been built in the 17th century. Others believe that the construction was made by the Franks, others attribute it to the Venetians and others to the Turks, with the latter being the dominant version as several sources indicate the Vizier Abdul-Kioupourli as the founder of the Tower. It is said that at the Castle of Zarnata, Theodoros Kolokotronis gave fights, in an effort to support and help Panagiotis Koumoundourakis, Bey of Mani, who was deposed that provide hard evidence and had to face the attacks of the Turks and the locals of Mania as well. The castle of Zarnata was surrounded by a polygonal wall that was 364 meters long and had a height of 6.7 m. The Castle included six towers, two of which were round and the other four were square, while in the middle there was a large tower with six of the 51 cannons that the castle had in its whole. Two gates, one in the southeast and one in the northwest side, led inside the tower, which occupied 23 acres of land. Today, at the highest point of the hill, you can admire a tower with three floors and a height of about 15 m dominating the region and next to this is a residence with five floors, where the captains of the region used to live in. Visitors at the castle of Zarnata can also see parts of the medieval frescoes in many of the 15th century wall, some

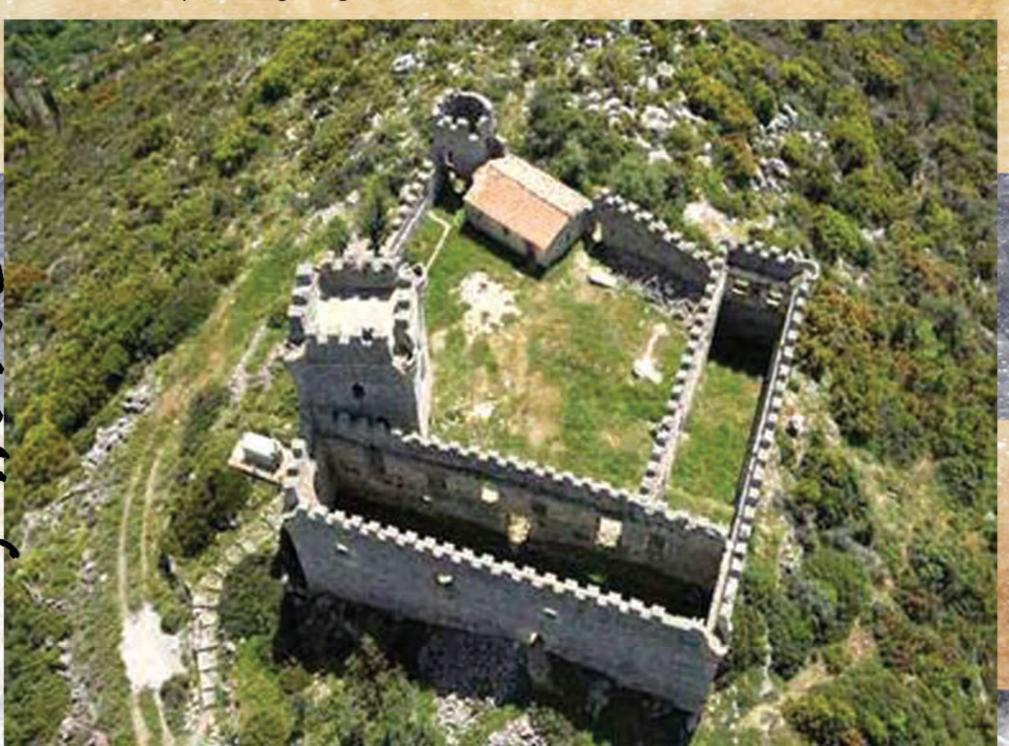


CHRONOLOGY

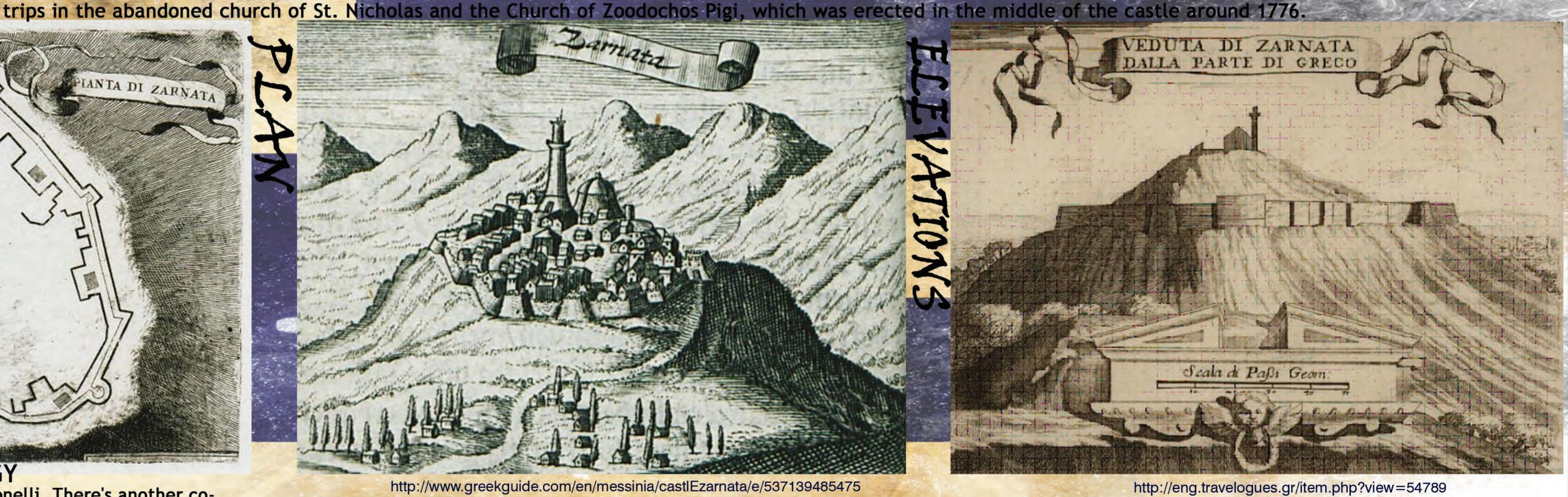
Zarnata in the 1680s as engraved by Coronelli. There's another coloured version above. The village below is Kambos though the view (from the east) is somewhat lacking in verisimilitude. Zarnata obviously had many buildings within its compass. In 1670 the Turks found five hundred houses with tile and slate roofs. They expelled many Christians and destroyed their houses replacing them with Turkish schools, hamman (baths) and administrative offices for the garrison commander. Seven churches were converted into mosques. Evliya describes these as "gleaming...their minarets embellished with gold and ornaments". Today there is little trace of these buildings, the cisterns which had been constructed, "so that there was no house without its cistern", or of the minarets which once graced the skyline. In 1685, Morosini, at the head of a Venetian force invaded the Morea laying siege to Koroni on other side of the Gulf of Messenia. When this had fallen he crossed to Mani where, aided, but hardly abetted, by the Maniates (they spent most of the time squabbling with one another) he laid siege to Zarnata in early September 1685. Although a large Turkish relief force was nearby Morosini intercepted their messengers and persuaded the Turkish garrison that they had no help at hand. The commander Hasan Pasha surrendered on 11 September and was allowed to withdraw with his troops and sailed away to Elaphonissos island off the easternmost finger of the Peloponnese, Cape Malea. Leake states that at that time it had a garrison of 600 and bristled with 51 cannon. When he was there in 1805 the place was reputedly in ruins.



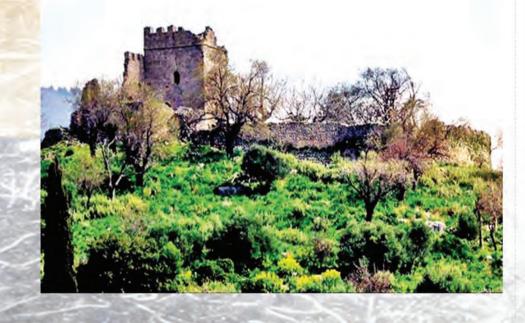
http://www.greekguide.com/en/messinia/castlEzarnata/e/537139485475

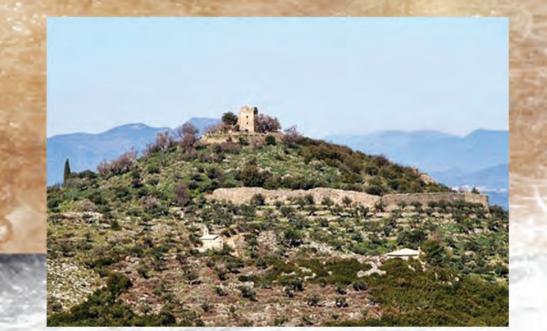


http://www.kastra.eu/castleen.php?kastro=zarnata











http://www.trekearth.com/gallery/Europe/Greece/Peloponnesus/Messinia/Stavr



Alessandro CAMIZ

131502094 Çağatay LEVENTERLER

Lascaris Battery

Description:

After British Empire took the island. They used and built fortifications by order of St.John.

During Second World War, Lascaris War Rooms dug under the Upper Barrakka Gardens and "Lascaris Battery". These underground tunnels located 46m below the Upper Barrakka Gardens and Saluting Battery were used as "War Rooms" of Britain's in Malta(Valletta).

The Lascaris Bastion(Battery) was built below
The Saluting Battery with irregular trapezoid
shape. This structure has rounded corners. A
parade ground was located inside the new bastion and later on, beginning in 1868, two-storey
casemates were converted to barracks.
In 1860s, they brought guns(cannons). And capacity of powder storage was 13,800 kg and It
was protecting by 3 meters wall and roof. The
construction of battery was outdated and It can
not defend any modern artillery.

On the exterior of this bastion, they replaced very tiny and small balcony with steel railings. There are little square holes below and above of the balconies. They are for air ventilation and water ways. They made casemates to the roof. This bastion is connected to the earlier St. Peter & Paul Bastion.

Chronology:

1814 - Malta becomes a British Crown Colony.

- The Grand Harbour becomes an important shipping waystation.

1830 - The diocese of Malta is separated from that of Palermo.

1836 - Second petition for a separate Roman Catholic diocese for Gozo is presented to Pope Gregory XVI.

1850s -British's built Fort Verdala, St. Clement's Retrenchment

1853 -The Crimean War; Malta serves as a hospital base for wounded combatants, and acquires the nickname Nurse of the Mediterranean.

1860 -The Colonial Office in London approves the establishment of a separate Roman Catholic diocese for Gozo.

1869 - Opening of the Suez Canal. This greatly enhanced the importance of the Grand Harbour to British merchant marine and naval shipping.

1870 -J.S. Tucker proposes the construction of a railway from Valletta to Mdina

1871 -Corradino Lines

1872 - Sliema Point Battery, Fort St. Rocco.

1875 -Fort Leonardo, Fort Pembroke

1878 - 21 titles of nobility were successfully claimed by various individuals before a Royal Commission.

880 - In education, "Anglicization" of Maltese students becomes a matter of policy.

381 -Saint Paul's Battery and Zongor Battery

1883 - The Malta Railway service is inaugurated, with service from Valletta

1885 - (Otto Settembre) is recommended as a national holiday, commemorating the vic-

tory of the Knights and the Maltese over the Ottoman Empire in the Siege of Malta

1890 - Malta Railway Company Ltd. is declared bankrupt. The Malta Railway is closed.

1892 -The Malta Railway reopens, under government management.

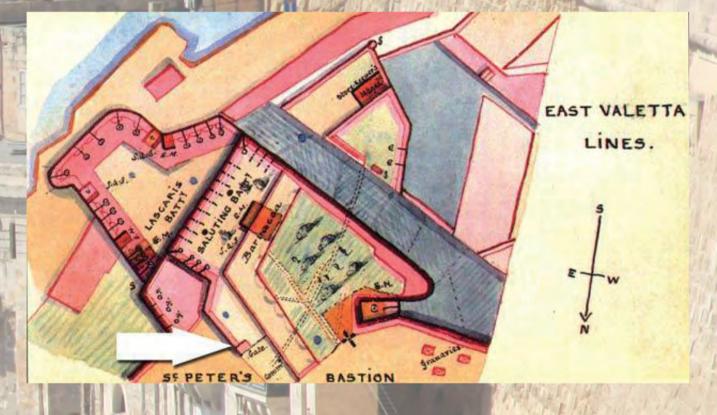
1899 -Fort Bingemma, Fort Madalena and Fort Mosta completed.
1900 -The Malta Railway line is extended to Mtarfa Barracks.

References:

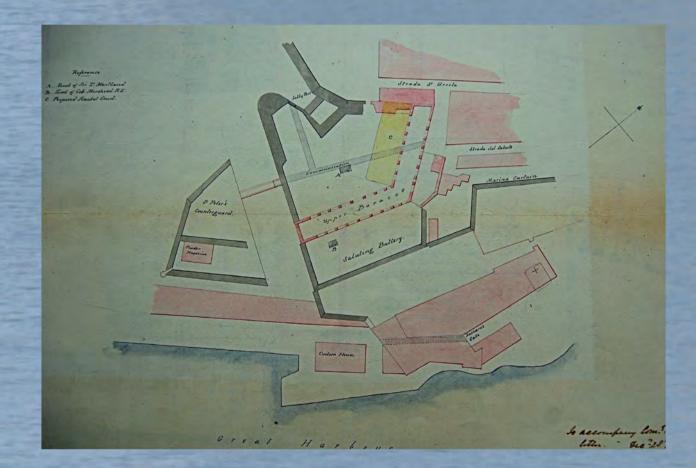
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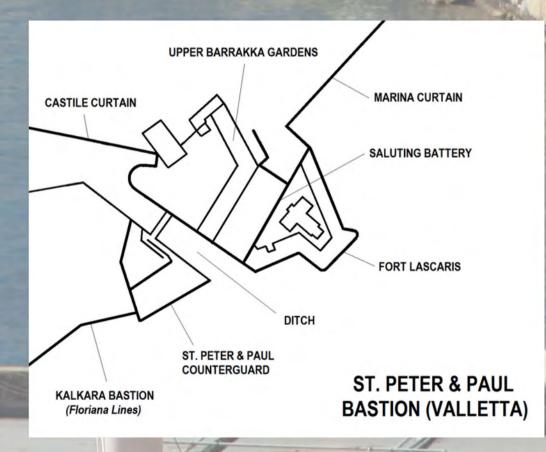
Larger Plan of "Lascaris Bastion" and other fortications behind it



Larger Plan of The Fort Lascaris and Other Fortifications in same area, Malta, Valletta



Lascaris Battery(1854), latest look, in Valletta, Malta



Basic Plan of The Fort Lascaris and Other Fortifications in same area, Malta, Valletta

Larger Plan of The Fort Lascaris and Other Fortifications in same area, Malta, Valletta



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DEPARTMENT OF ARCHITECTURE
ARC 142 | HISTORY OF MODERN ARCHITECTURE | SPRING 2016

Instructor

Alessandro CAMIZ

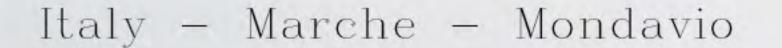
151501051 Burak **AYGÖREN** Lascaris Battery | Malta

burak.aygoren@std.gau.edu.tr

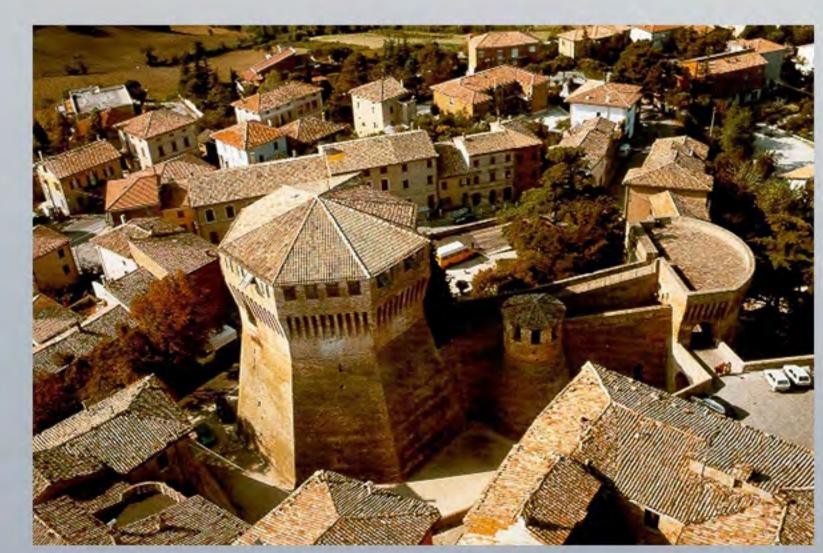
25.05.2016

Rocca di Mondavio

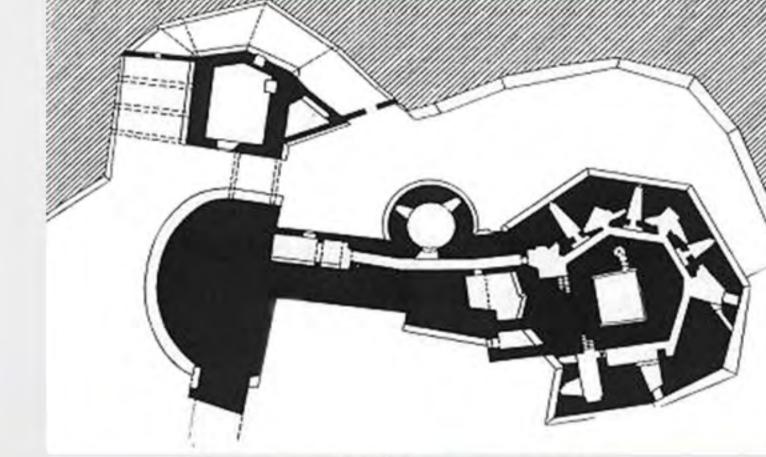
The fortress of Mondavio represents one of the most important and interesting evidence of military design by Francesco di Giorgio Martini in the Marches, Italy. It was constructed between 1482 - 1492.

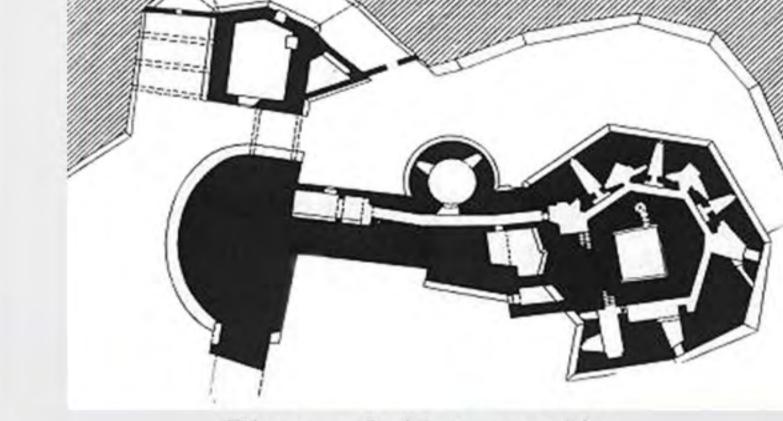






Mondavio Castle and surrouding







A view from castle

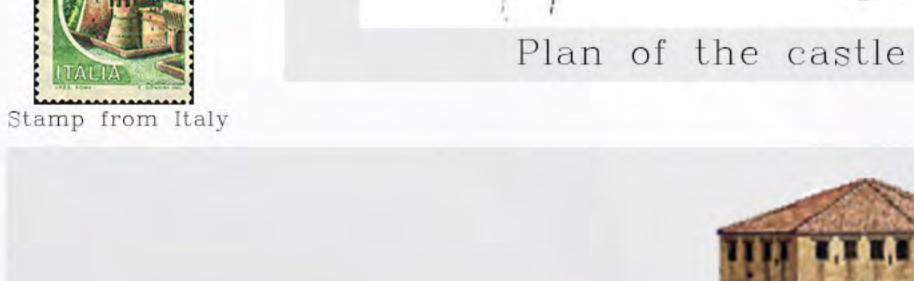




Views from inside of the castle

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Elevation of Mondavio Castle



Section of Mondavio Castle



Instructor

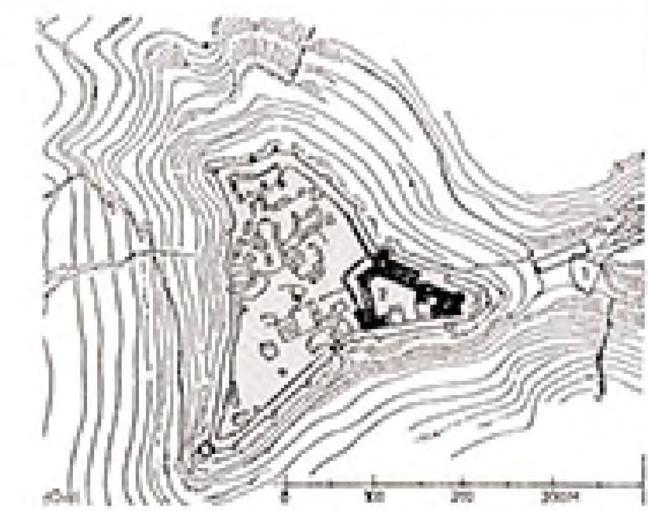
Alessandro CAMIZ

Student

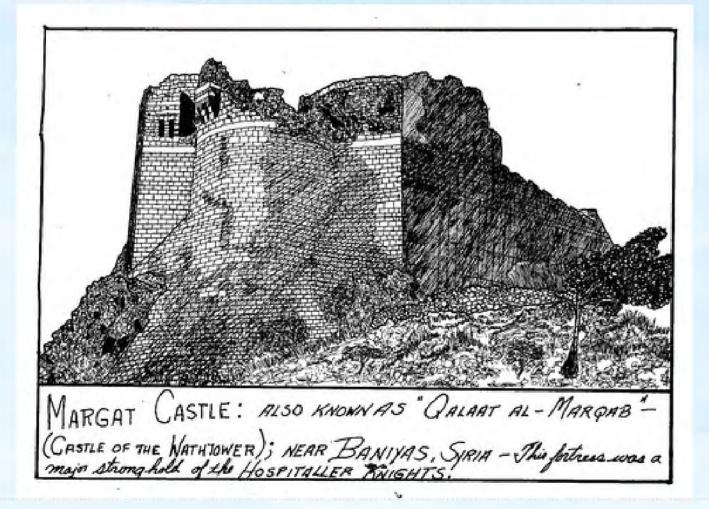
Begüm KIROĞLU 141501040

26.04.2016

The Plan of Margat Castle.



Site Plan of Margat Castle.



Margat Castle

Margat Castle is a fortification that is located in Syria. Dt was built in the 10th century using Basalt. The castle is located on the mountain which is in a city called Baniyas, that is on the Mediterranean Sea. Margat Castle has a very large area, and its location gave it a great importance against enemies. This castle was fortified by Muslims in 1062. Dt is one of the most important castles in Syria which has a great history.



Overall View.



Views of the double curtain of walls.



Main courtyard (chapel and hall).



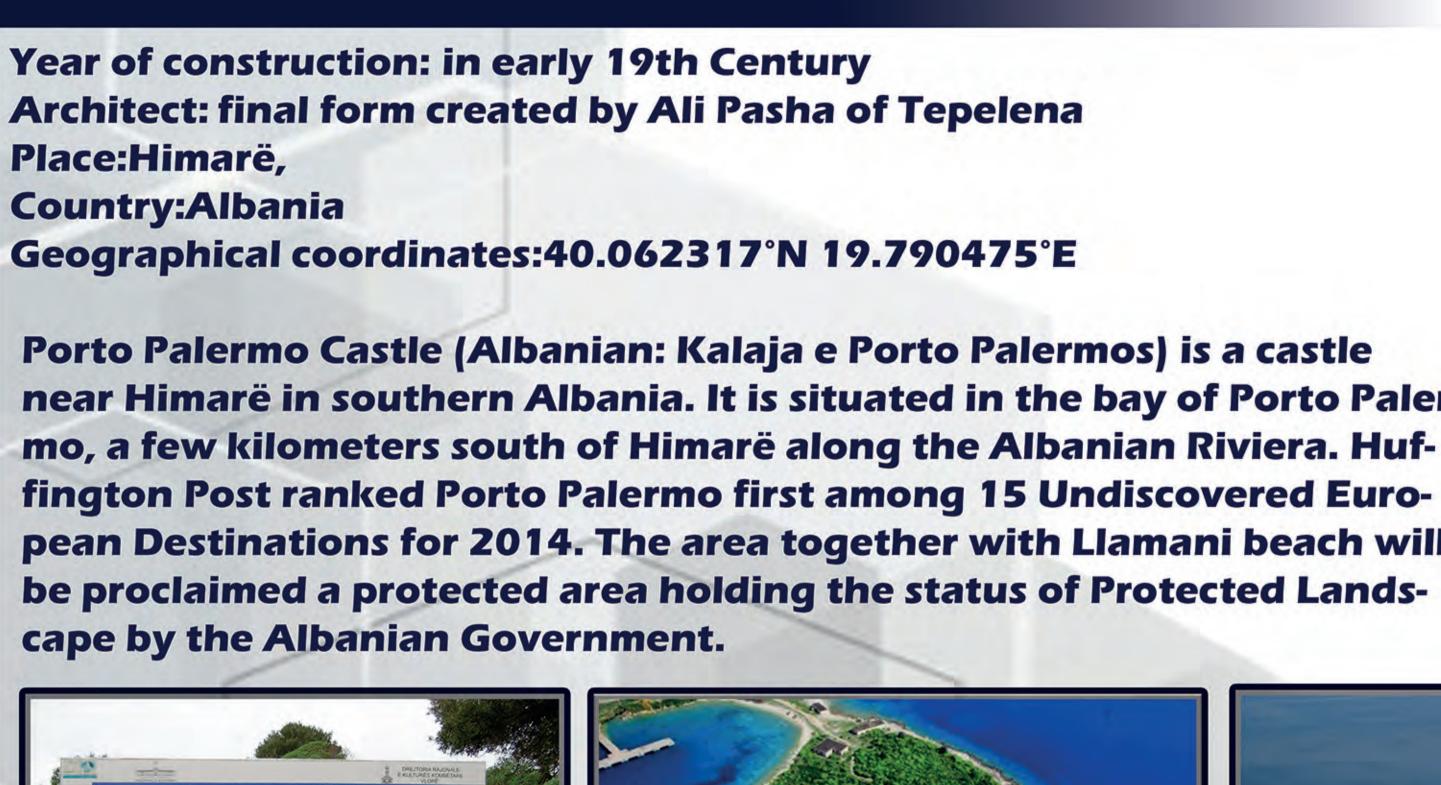
Eastern walls and donjon.

Porto Palermo Castle

Year of construction: in early 19th Century

Place:Himarë,

Porto Palermo Castle (Albanian: Kalaja e Porto Palermos) is a castle near Himarë in southern Albania. It is situated in the bay of Porto Palermo, a few kilometers south of Himarë along the Albanian Riviera. Huffington Post ranked Porto Palermo first among 15 Undiscovered European Destinations for 2014. The area together with Llamani beach will be proclaimed a protected area holding the status of Protected Lands-











PLAN 2

ELEVATION



Kalaja e Porto Palermos

Gloyer, G. (2015). Albania. 5th ed. Albania: Bradt, p.257.

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PLAN 1



FORT SAINT ELMO

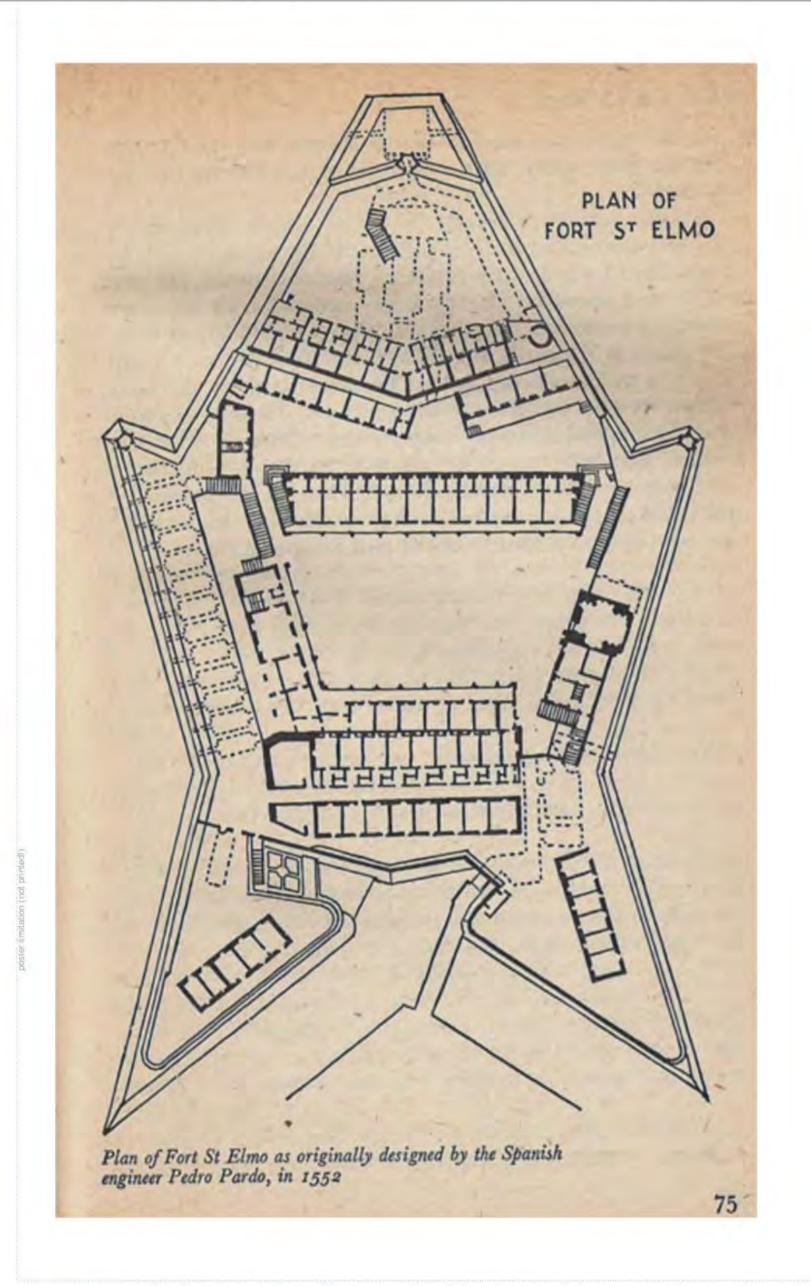
General Information:

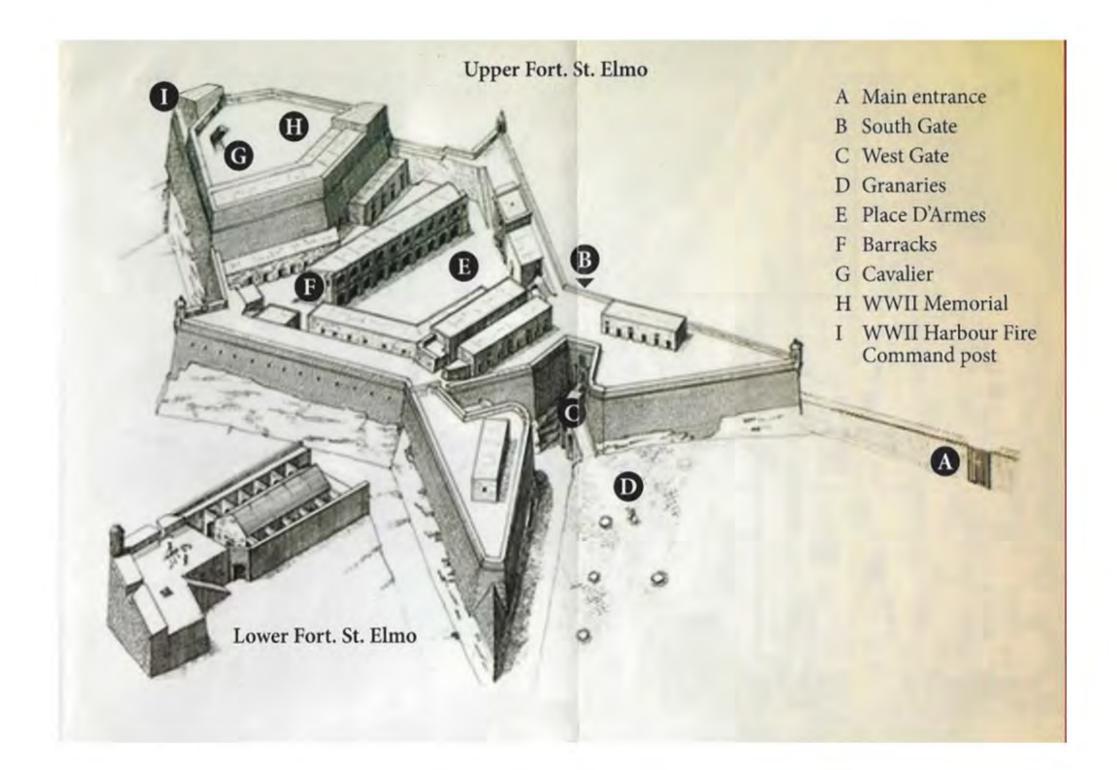
Year of Construction :1552 Location: Valletta, Malta

Function: Military Fortification

Built By: Order of St. John

Plan of Fort St. Elmo





Chronology:

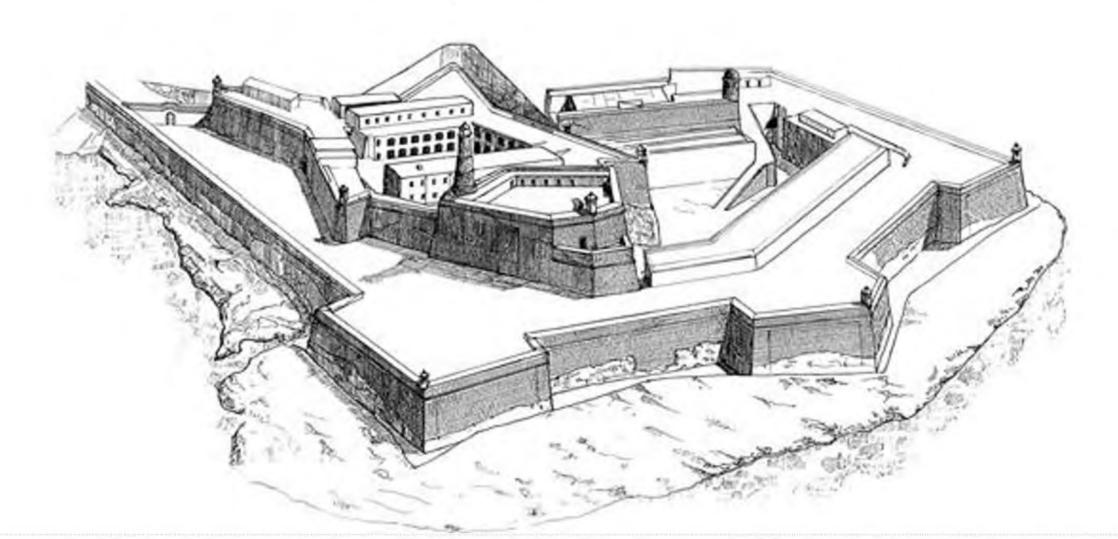
- 1530 : The Order of St. John begins to rule Malta.

-1551 : Ottomans try to invade Malta.

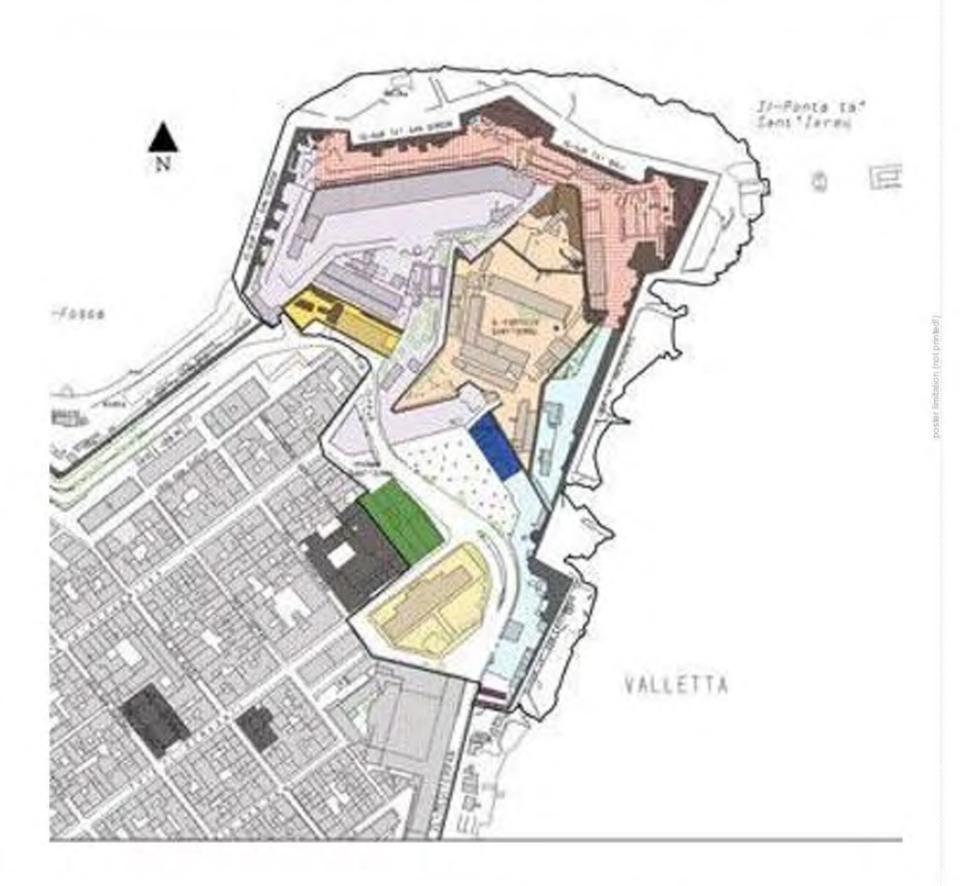
- 1552 : The construction of Fort St. Elmo begins

- 1565: The great Siege of Malta begins

- 1566:Fort saint Elmo was reconstructed and rebuilt within city walls.



Master Plan of St. Elmo



Photograph of St. Elmo



RC142 | History of Modern Architecture | Spring Semester 2016

Alessandro Camez

THE CASTLE OF KRITINIA











CHRONOLOGY

1472 The castle above Kritinia, named Kastellos, was built by Giorgio Orsini to protect the inhabitants of the village from the attacks of the Ottoman fleets.

1467-1476 Orsini, still visible at the entrance

1480 as Kastello, the fortress is built on top of a rocky outcrop and was unsuccessfully besieged by the Ottomans in

1503-1512 The castle is well preserved with the coat of arms of the Grand Masters of the Knights of Saint John, d'Amboise

1658 the Venetian Doge Francesco Morosini tried to conquer Rhodes entering at Kameiros Skala beach, but the Venetian army was rejected.

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2) Greek Islands,

https://books.google.com.cy/books?id=ZPlpS4zHuqQC&pg=PA276&dq=kritinia+castle&hl=en&sa=X&redir_esc=y#v=onepage&q=kritinia%20castle&f=false

3) The Semiotics of Heritage Tourism,

https://books.google.com.cy/books?id=e1KLAgAAQBAJ&pg=PA138&dq=kritinia +castle&hl=en&sa=X&redir_esc=y#v=onepage&q=kritinia%20castle&f=false 4) Rhodes,

https://books.google.com.cy/books?id=0laPyTPx1ssC&pg=PA61&dq=kritinia+castle&hl=en&sa=X&redir_esc=y#v=onepage&q=kritinia%20castle&f=false

5) MARCO POLO Travel Guide Rhodos,

https://books.google.com.cy/books?id=mYmGxc98InAC&pg=PA121&dq=kritinia +castle&hl=en&sa=X&redir_esc=y#v=onepage&q=kritinia%20castle&f=false



nstructor

ALESSANDRO CAMÍZ

131502105

NUREFŞAN AKPINAR

FINAL SUBMISSION

SION 25.05.2016

METOCHI OF AGIA ANASTASIA

LOCATION

SOUTH OF EPANOMI, IN THESSALONIKI AREA, IN THE MIDDLE OF THE DISTANCE TO THE VILLAGE MESIMERI

REGION

CENTRAL MACEDONIA, THESSALONIKI

ALTITUDE

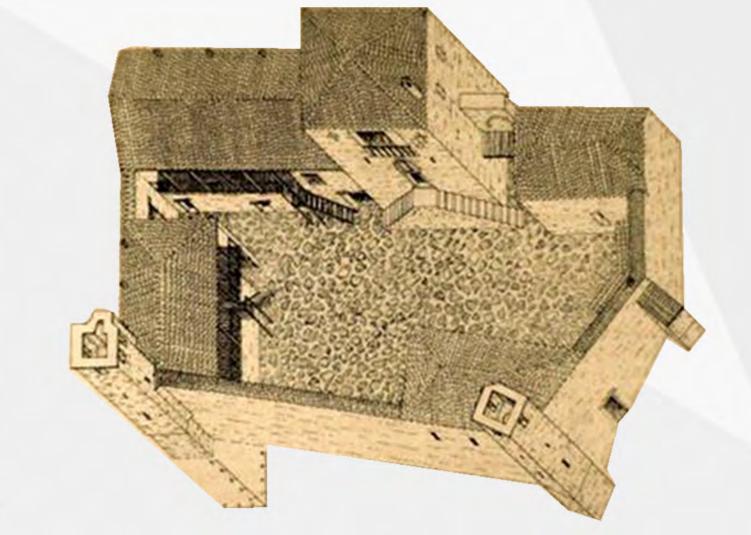
25 M

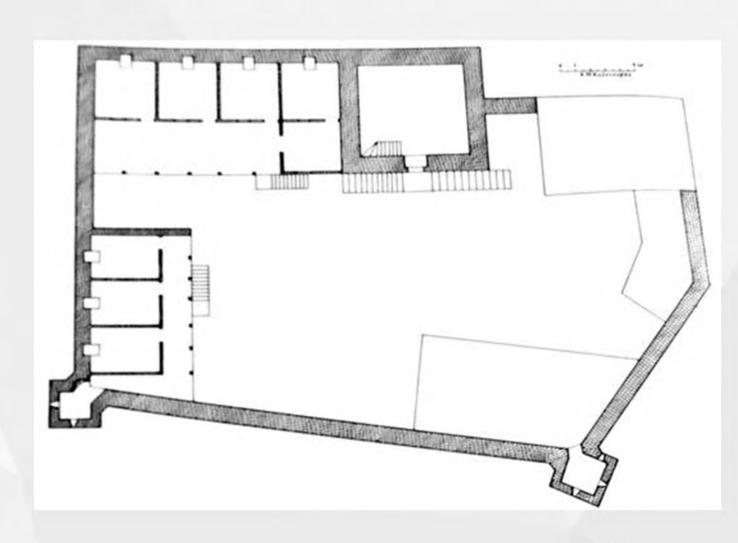
TIME OF CONSTRUCTION

1530 ORIGIN

POST-BYZANTINE

THE METOCHI OF AGIA ANASTASIA MONASTERY FOUNDED IN 1530, THE MONTH OF OCTOBER, AS SHOWN BY THE STONE INSCRIPTION THAT STILL EXISTS OVER THE MAIN DOOR. $M\epsilon ext{T} \acute{o}\chi\iota$, metochi IN GREEK MEANS TO HOLD A PART OF THE SHARED AND MANY PLACES IN GREECE CALLED METOCHI OR METOHI BECAUSE THEY USED TO BELONG TO THE SOVEREIGNTY OF A CLOISTER. THREE KILOME-TERS SOUTH OF EPANOMI ARE THE KRITZIANA, ONE OF THE FOUR MAJOR "METOCHIA" VILLAGES OF THE MONASTERY OF ST. ANASTASIA. THE VILLAGE IS FIRST MENTIONED IN A DOCUMENT OF THE MONASTERY OF AGIA LAVRA IN 1110. OVER THE YEARS THE VILLAGE KRITZIANA VANISHED AND TO-DAY ONLY THIS CURRENT BUILDING IS LEFT TO REMIND THE MONASTIC DOMINATION OF THE FIELDS. THE PROPERTY IS BUILT LIKE A CASTLE TO DEFEND FROM THE PIRATES AND THE CON-STRUCTING MATERIALS WERE STONES FROM OLDER BUILDINGS FROM THE AREA. YOU CAN SEE ALSO MARBLES FROM ANCIENT TEMPLES IN THE WALLS. THE BUILDING, PARTS OF WHICH SURVIVE IN GOOD CONDITION, CONSISTING OF THE CENTRAL TOWER, CHURCH, CELL, FURNACE, KITCHEN, BARN AND TWO DEFENSIVE TOWERS. UNFORTUNATELY, AN EFFORT TO BUILD A NEW CHURCH IN 1965, RE-SULTED IN DESTRUCTION OF THE FOUNDATIONS OF THE OLD CHURCH AND DAMAGED THE ENCLOSURE AND THE TOWER. LATER IN 1976, THE ARCHAEOLOGICAL DEPARTMENT DID EXTENSIVE RESEARCH TO FIX THE REMAINING BUILDINGS AND LAST INTERVENED IN 1987. SINCE THEN, THERE'S ANOTHER PENDING RECONSTRUCTION...













anil.eren@std.gau.edu.tr



CHRONOLOGY

- 850 875: The first Norse settlers arrive on Iceland.
- 859: Muslims establish the University of Al Karaouine as a madrasa in Fez, Morocco.
- 862: The Bagratuni Dynasty of Medieval Armenia begins with Ashot I.
- 863 879: Period of schism between eastern and western churches.
- 870: Prague Castle founded.
- 871 899: Reign of Alfred the Great, First King of The English.
- oth century: Hilarion Castle
- 1001: Vikings, led by Leif Eriksson, establish small settlements in and around Vinland in North America
- 1004: the library and university Dar Al-Hekma is founded in Egypt under the Fatimids.
- 1010–1011: the Second Goryeo-Khitan War; the Korean king was forced to flee the capital temporarily, but unable to establish a foothold and fearing a counterattack, the Khitan forces withdrew.
- 1040: Duncan I of Scotland slain in battle. Macbeth succeeds him.
- 1055: the Seljuk Turks capture Baghdad, taking the Buyid Emir Al-Malik al-Rahim prisoner.

ST. HILARION CASTLE

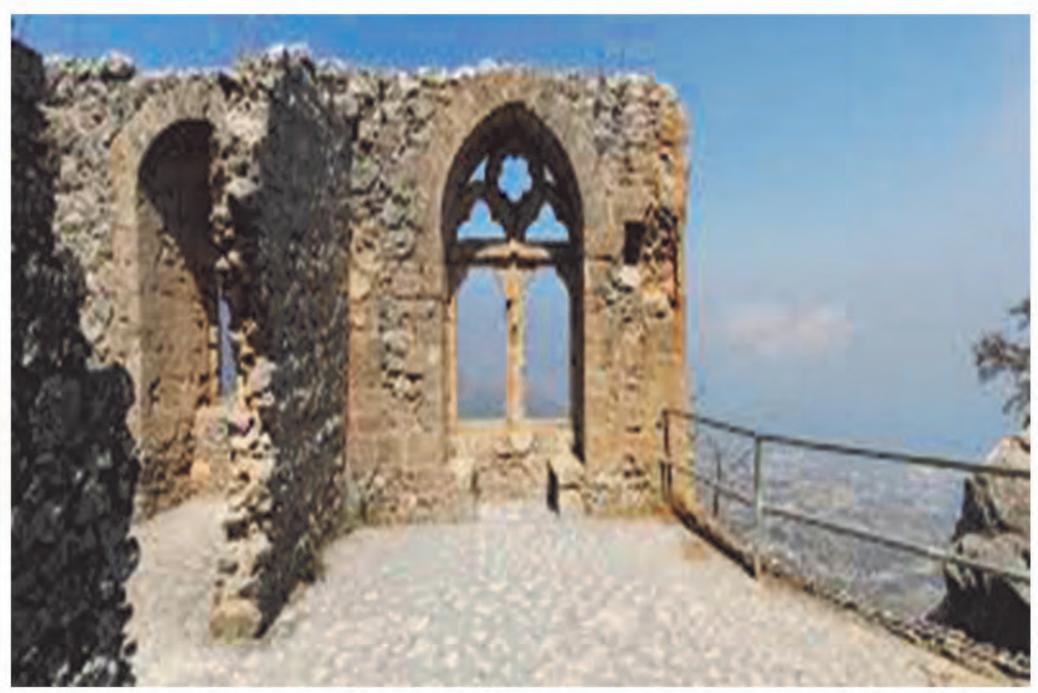
Architect: BY BYZANTINES

Place: KYRENIA

Country: NORTH CYPRUS

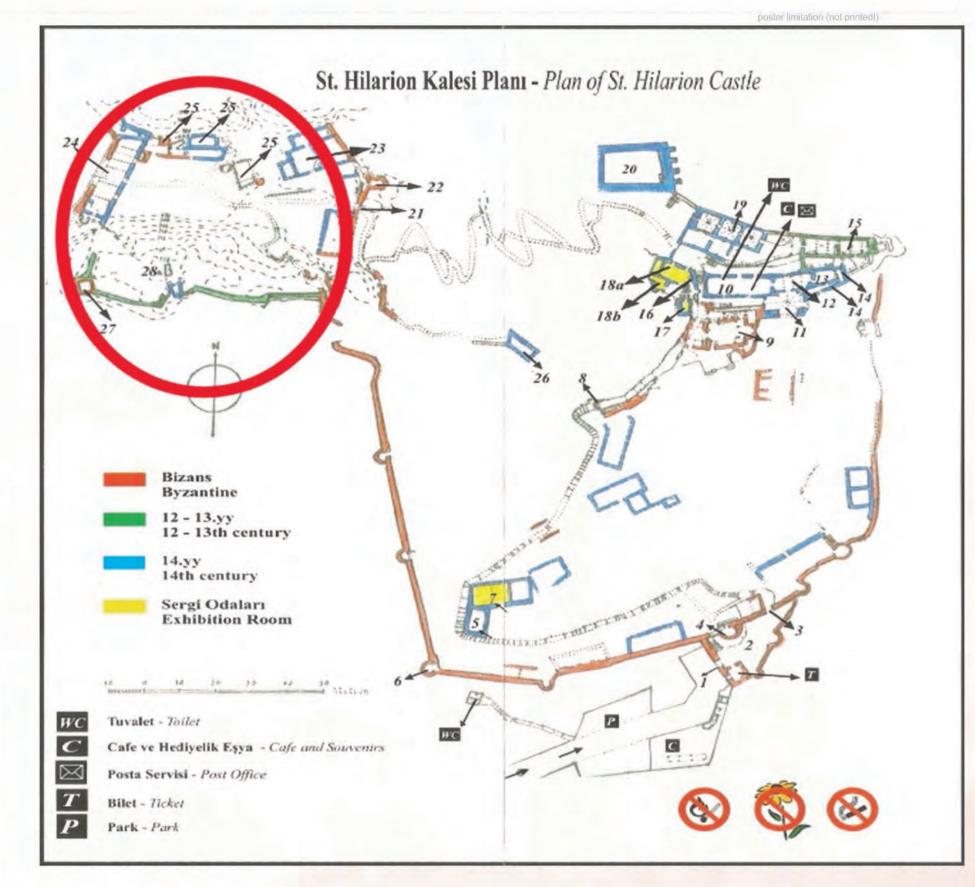
• Geographical coordinates: 35.3123'N,33.2808E

• Height on sea level: 700 m



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- o 2_DAVID NICOLLE ADAM HOOK (2013) ,CRUSADER CASTLES IN CYPRUS GREECE AND THE AEGEAN, OSPREY PUBLISHING
- o 3_FRANCIS HENN (2004), A BUSINESS OF SOME HEAD: THE UNITED NATIONS FORCE IN CYPRUS BEFORE AND COMING DURING THE 1974 TURKISH INVASION, A BUSINESS OF SOME HEAD, CASEMATE PUBLISHERS



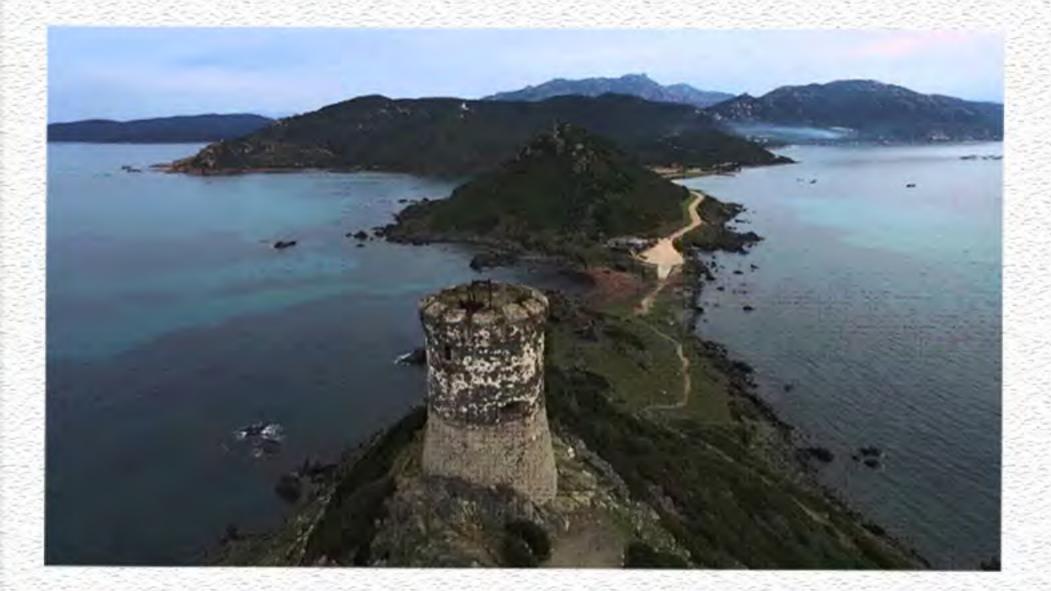


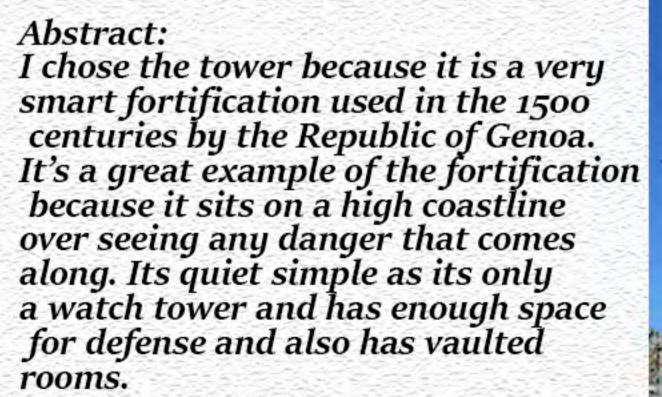


Tour de la Parata

Building name: tour de la parata. Year of construction: 1550-1551. Architect: Giacomo Lombardo.

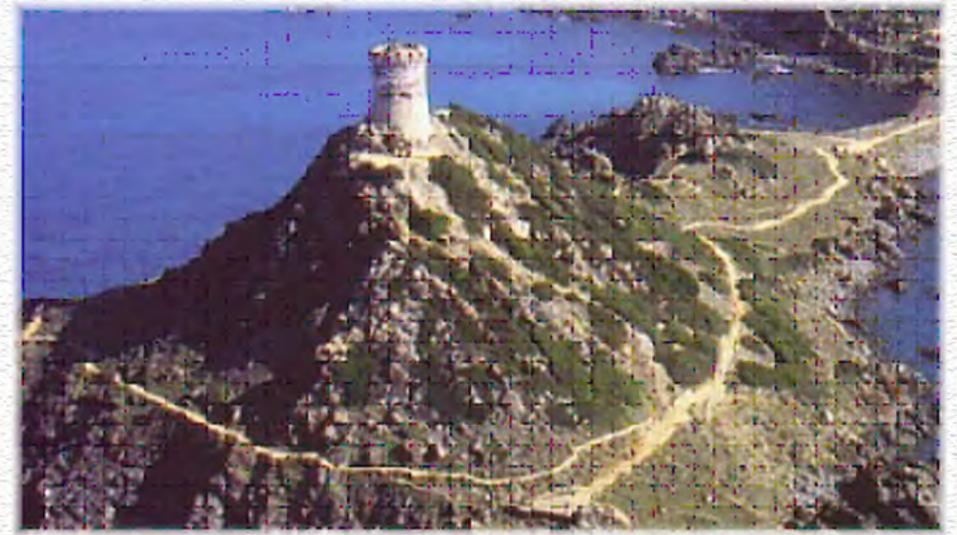
Place: commune of Ajaccio.
Country: French.
Geographical coordinates: 41°53\(\text{M43}\text{MN}\) 8°36\(\text{M30}\text{ME}\).
Height on sea level: 180 ft.

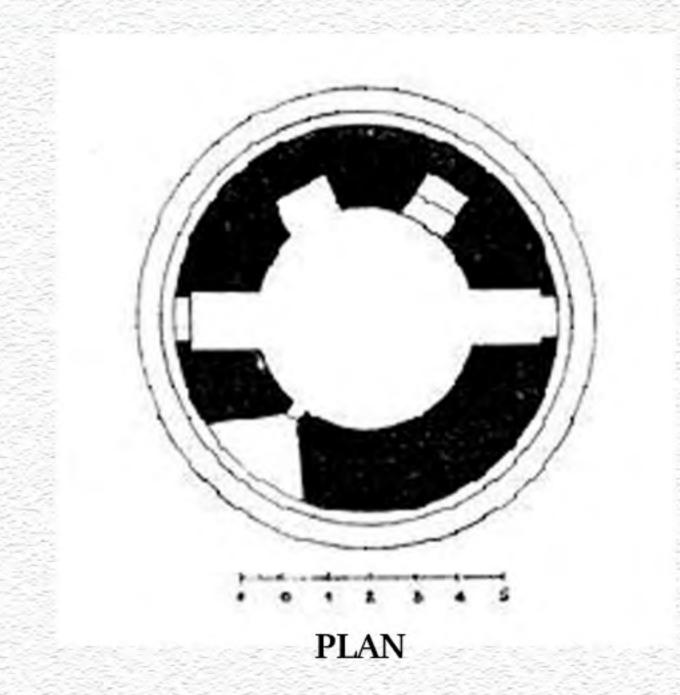


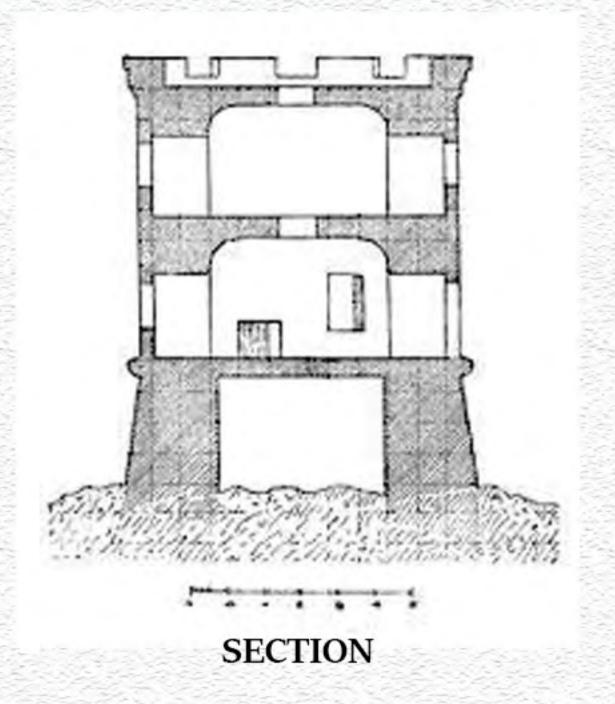












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ALESSANDRO JAMIS

AHMED NAWZAD SALAM 141501139

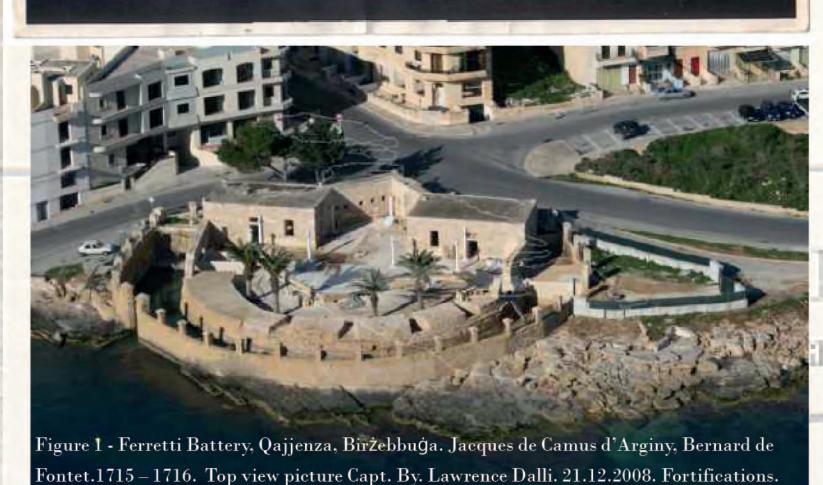
tour de la parata

Pate Vo Love In 300 Years

el Newl



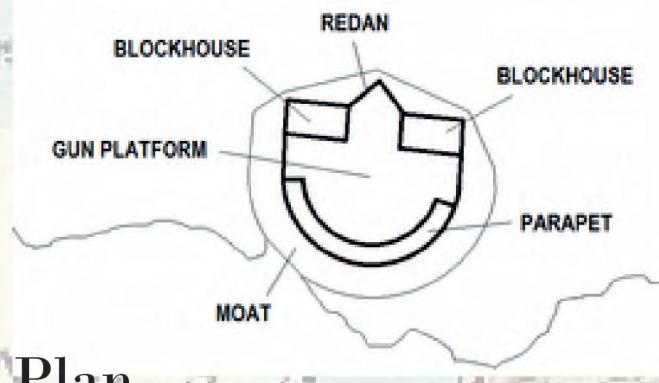
Malta Map. Mapmaker. J.B. Homann. 1720. Place: Nuremberg.



Building name: Ferretti Battery (st. George's Battery). Architect: Jacques de Camus d'Arginy, Bernard de Fontet. Place: Qajjenza, Birżebbuġa. Year of construction: 1715 - 1716 (18th cent).

was Similar talk Surreau

FERRETTI BATTERY



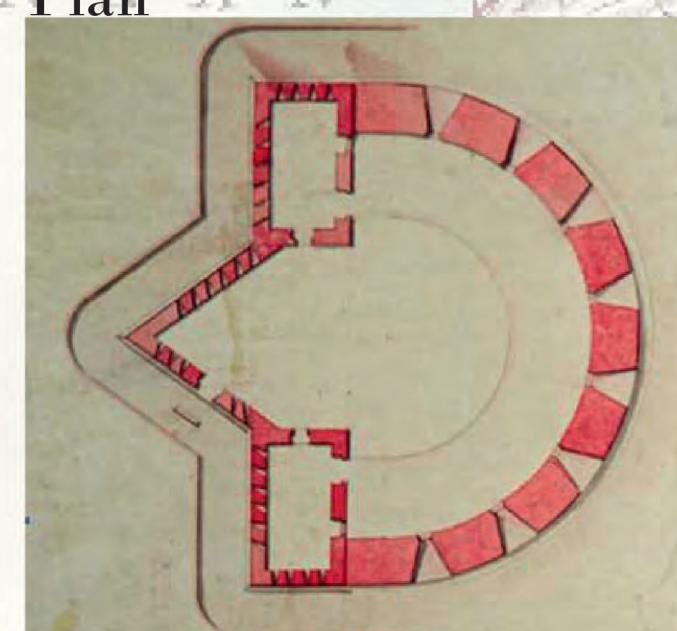






Figure 2 - Ferretti Battery, Qajjenza, Birżebbuġa. Jacques de Camus d'Arginy, Bernard de Fontet. 1715 –

1716. Inside view picture Capt. By. Pierre Micallef-Grim. 10/05/2011. Fortifications. Web.

at a state of wars and Invasions, for that they started building forts to fight back and defend themselves, and after many years they'd turn into museums.

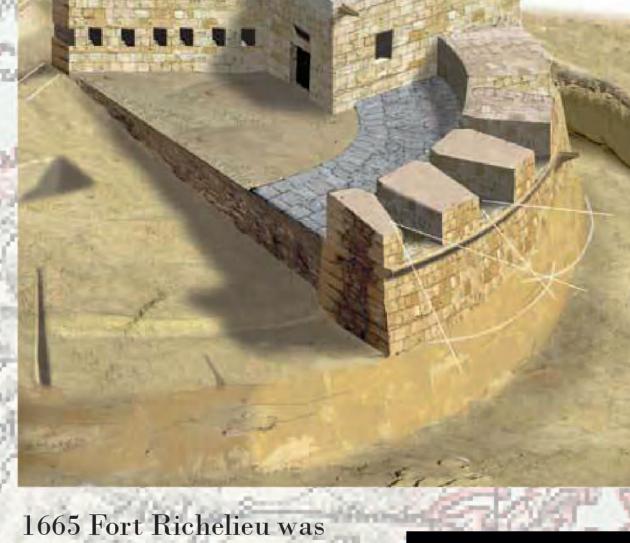
Abstract:

The countries on the

line have a similar

nean countries were

I chose Ferretti Battery because of its !history, architecture and the transformation that happened in 300 years, from being a place of hate and war such as a Battery or a fort, to a beautiful restaurant that people can come together peacefully and enjoy having good times.



rebuilt in Quebec, Canad.

1686 – 1715 Palamidi Castle is built in Nafplio, Greece.

1715 - 1716 Ferretti Battery Was Built in Malta.

1753 Sant Ferran Castle is built in Girona, Spain.

a Senda

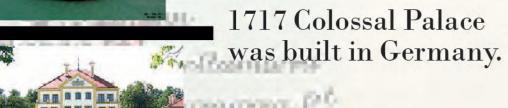
1765 French ship Dego was launched to serve in Maltese Navy.



1670 – 1698 Fort Ricasoli is built in Kalkara, Malta.

Marsa-Scala St Thomas Pt

1691 – 1694 Fort Louvois is built in Chapus, France.



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1757 The book La science de la guerre ou connoissances par tous ceux qui entreprennent la profession

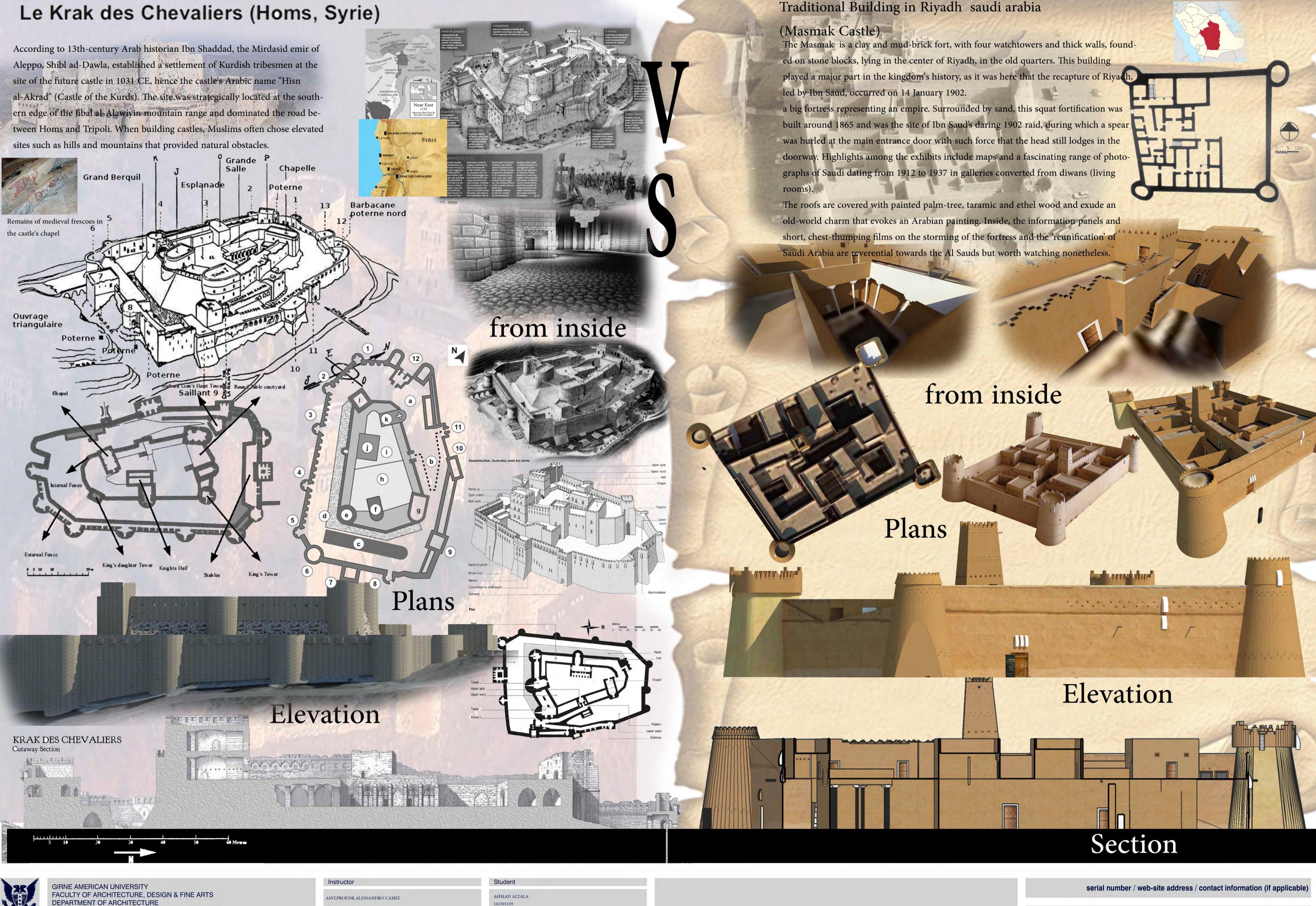


Dr. Alessandro Camiz

141501115 AHMED **ABUANZA**

Ferretti Battery | MALTA

des Armes, by Nicolis Di Robilant.

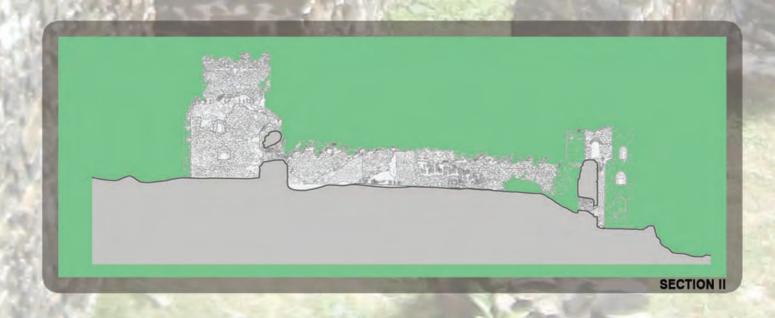


HISTORY OF MODERN ARCHITECTURE | SPRING 2016

RAM CASTLE











1107- Melikşah become monarch

1113- II. Kılıç Arslan died

1131- Ahmet Sencer become monarch

1134- Melik Gazi died

1156- I. Rukneddin Mesut died

1156- Ahmet Yesevi died

1157- Great Selcuklu Government disappeared

1167- Cengiz Han was born

1176- Miryokefalon war

1187- The conquest of Jeruselam by Selehattin Eyyubi

1192- II. Kılıç Aslan died

1198- Ertuğrul Gazi was born

1204- VI. Crusade

1206- Cengizhan become monarch

1207- Mevlana was born

1208- Nasreddin Hoca was born

1209- Hacı Bektaşi Veli was born

1221- V. Crusade

1227- Cengizhan was died

1228- VI. Crusade

1230- Yassıcemen War

1238- Yunus Emre was born

1243- Kosedag War

1254- VII. Crusade

1254- Marco Polo was born









MATERIAL: STONE

LOCATION: SERBIA

YEAR: XII Century

RECOMENDED WORK III

OLD NAVARINO CASTLE

Architect: Venetians

Place:Pylos, Greece

Year:1688

Abstract

The castle was built in the late 13th century by Nicholas II of Saint Omer, the lord of Thebes in the Principality of Achaea, one of the Latin states ruling Greece Following the Fourth Crusade. By the mid-14th century it belonged to the Genoese, who used it as a base in their conflicts with the Venice, raiding Venetian colonies in Messenia. In the 1360s, the castle was occupied by Maria de Bourbon during each attempt to claim the Principality Following the death of every husband, Robert of Taranto. By 1381, the castle is found in the hands of the Navarrese Company.

The Venetians Attempted to purchase the castle several times, worried about the threat it posed to their trading interests; they occupied it in 1417 to Preventors the Genoese from doing so, and finally secured its sale from the Prince of Achaea, Centurion II Zaccaria, in 1423. Venetian control survived the First Ottoman-Venetian War of the late 15th century, but not the Second War at the turn of the 16th.

Following the Venetian defeat in the Battle of Modon (1500), the Pylos garrison simply surrendered when the forces of Bayezid II arrived from Modon, despite Significant strength and ample that provisions.

Chronology:

-In 1499, the Ottomans took the fortress of Navarino.

-In 1572, the castle was reconstructed and they changed the name of the castle. New name was

Anavarin-i Atik.

-Between the years 1686-1715, Venetians tried to take back to the castle but they didn't make it.

XVIII. century, the castle was damaged.

-In 1827 the Ottoman fleet was defeated so the greeks have owned the castle.

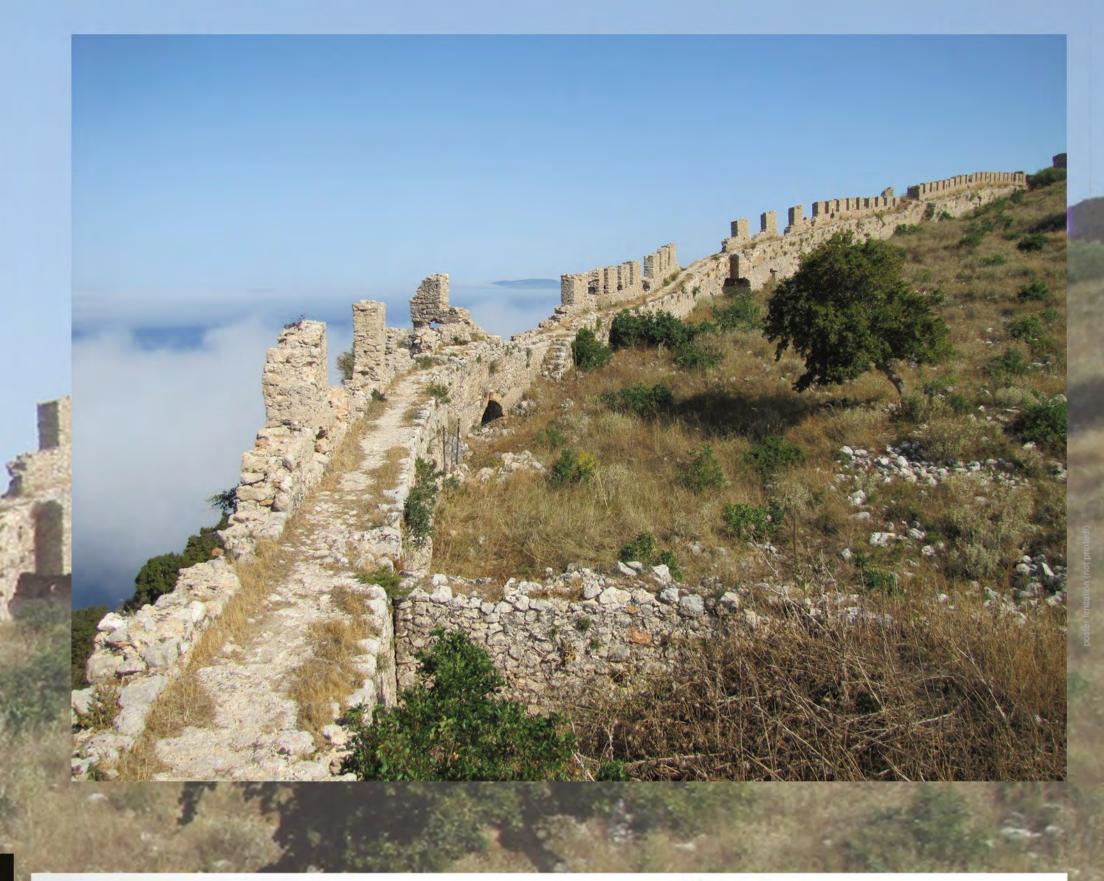
-Battle of Navarino, the Ottoman and Egyptian fleets, moving together British, French and Russian navies in, which is a naval battle in history On 20 October 1827.

This battle of Navarino event in the history of the

Ottoman passes in the Navarino Navarino disaster raid









References:

The history of Ottoman, İsmail hakkı uzunçarşılı and

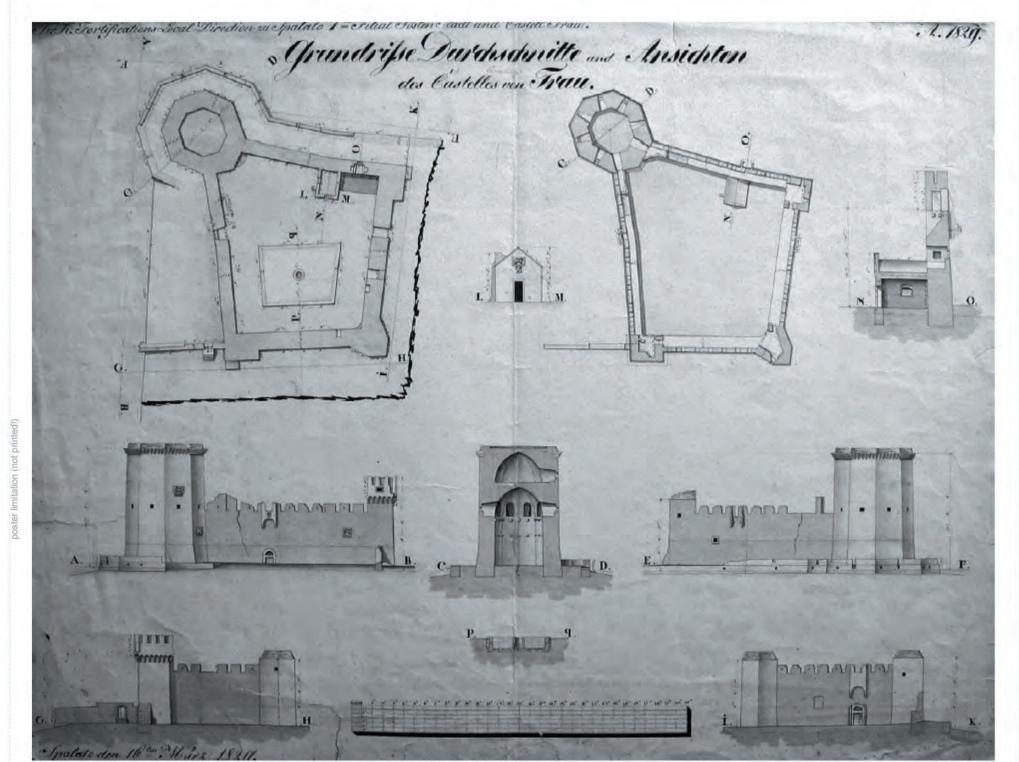


GRANDINA KAMERLENGO

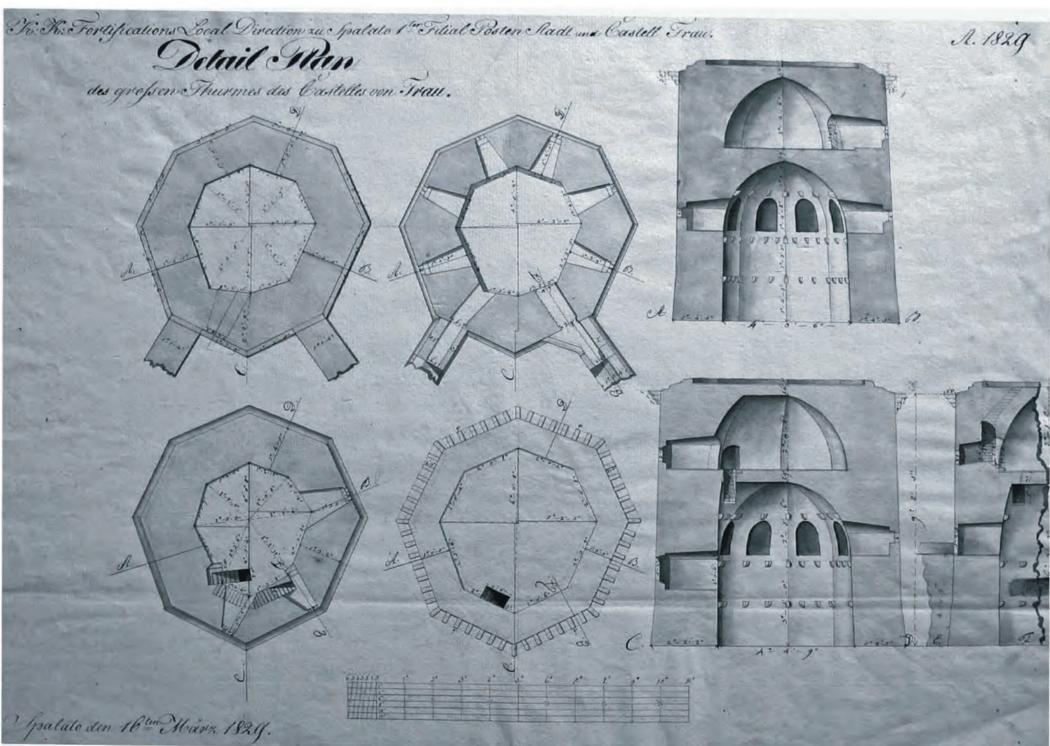


Building name: Fortress Kamerlengo (Gradina Kamerlengo) Year of construction: Mid 15th century Architect: Anonymous

Place: Trogir Country: Croatia Geographical coordinates: 43° 30′ 55″ N, 16° 14′ 51″ E Height on sea level: On the sea level. 0 meters.

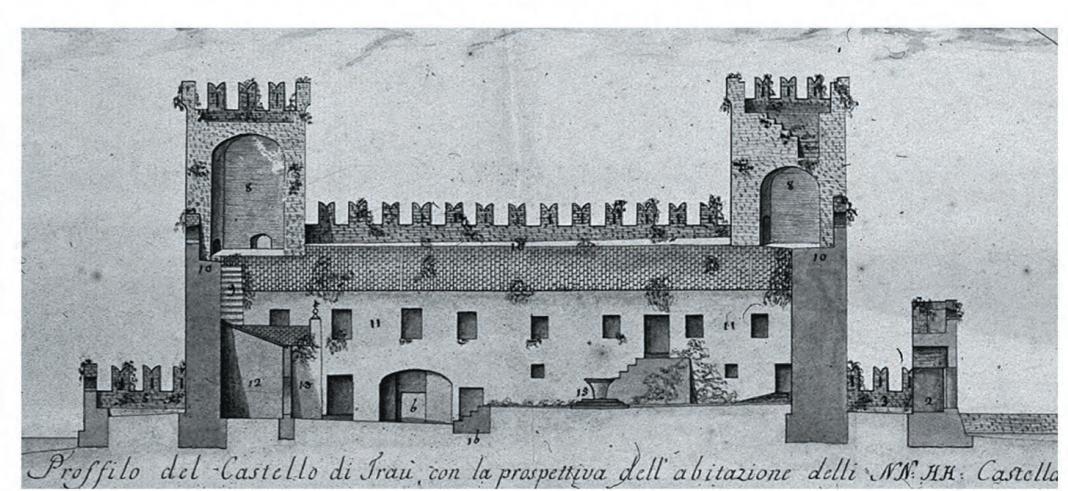


FORTRESS ELEVATIONS AND PLANS http://tragurium.blogspot.com.cy/2015/03/gradski-kastel-utvrda-kamerlengo.html



FORTRESS TOWER DETAILS SECTIONS AND PLANS http://tragurium.blogspot.com.cy/2015/03/gradski-kastel-utvrda-kamerlengo.html

When we are talking about the architecture in Mediterranean part of the world there are lots of buildings we can call as fortress, keep and castle etc. My research started with the question "Which country should I pick?" After a couple research in the history of mediterranean world I figured out Turkey (the country I live in) has a strong relation with Croatia in the late 15th century. They've built lots of fortification units to prevend their country from invasions especially from Turkish invasions. Here I will mention about a great and well known fortress called "Gradina Kamerlengo" Fortress Kamerlengo. The structure was built in Trogir according to the design of the new Venetian authorities in early 15th century as an isolated fort on the outskirts of the fortified town. The local toponymy of this wetland edge islands had a great significant effect on the name of the castle remained in the general terminology of military architecture.



SECTION OF THE FORTRESS

Asst. Prof. Dr. Alessandro CAMIZ

http://tragurium.blogspot.com.cy/2015/03/gradski-kastel-utvrda-kamerlengo.html

GIRNE AMERICAN UNIVERSITY FACULTY OF ARCHITECTURE, DESIGN & FINE ARTS

151501057 Ömer Mustafa CAN

FORTRESS KAMERLENGO | TROGIR CROATIA OTHER NECESSARY INFORMATION

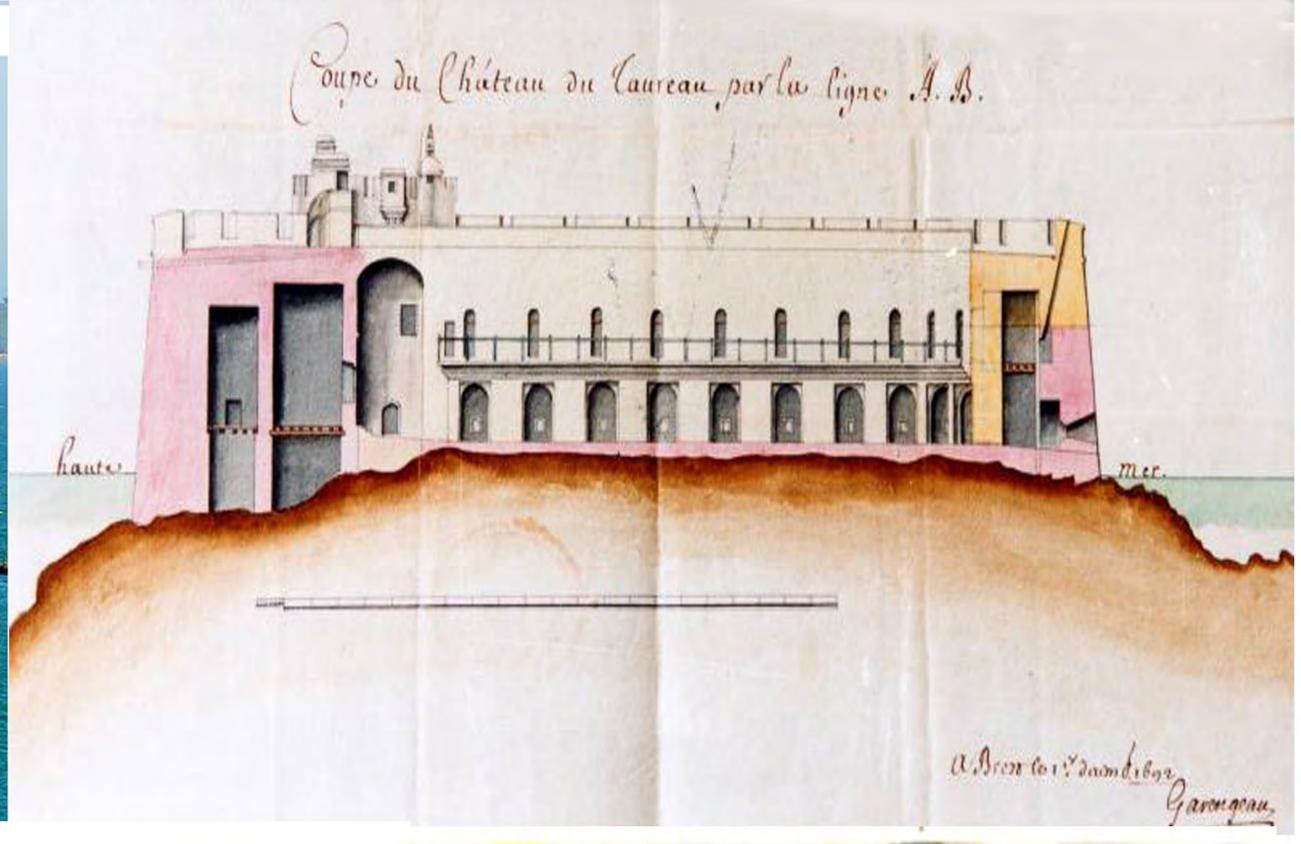
omer_mustafa_can@hotmail.com

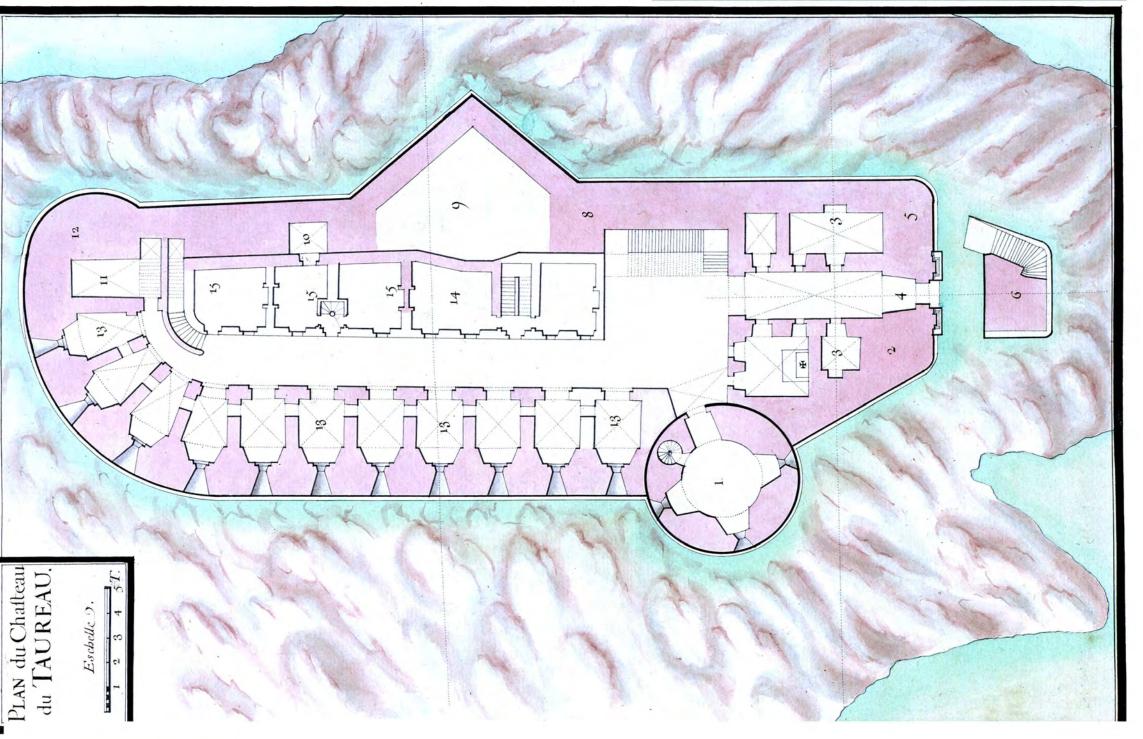
Château du Taureau Castle

This build Sébastien Le Prestre de Vauban architect. The castle of Taurus is located 3 in the town of Plouezoc'h at the entrance to the Bay of Morlaix in Brittany. It is close to Carantec. Modern age fortifications of the Mediterranean coast is functional architecture, built between the design & construction of an 15th century bastioned fort . The design & construction of a 15. century bastioned fort. It is in a very important location by the golf . Be in the middle of the sea is different and special. It is interested in seeing the castle to be visited by people often stems from beauty and

Geographical coordinates: 48°51′11″N 2°22′09″E Country: FRANCE







REFERENCES:

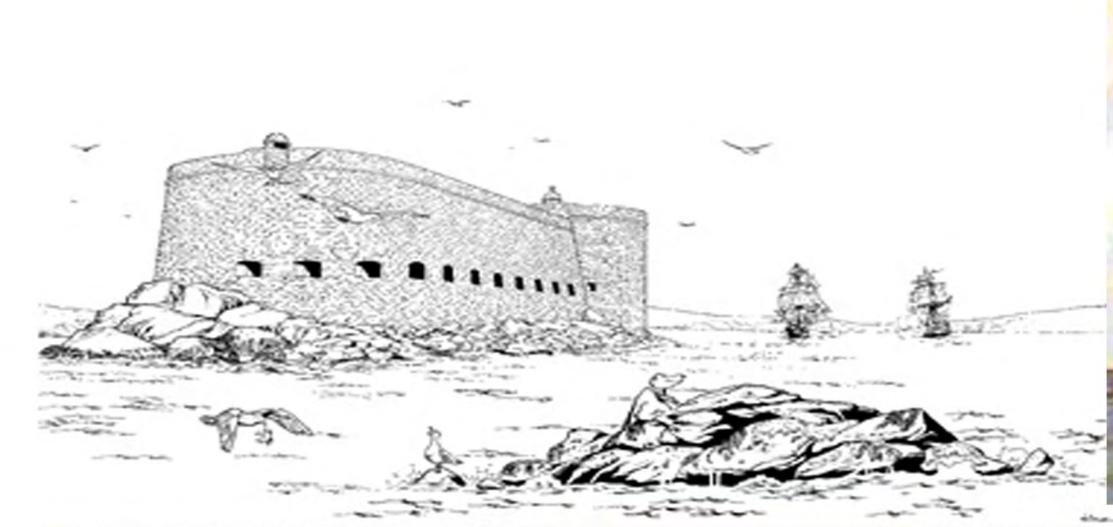
- 1: Le Taureau, sentinelle de la baie de Morlaix, Éditions Ouest-France, p. 6
- Bennjamin Girard, La Bretagne maritime, 1889
- 3: http://www.chateaudutaureau.com/fr/menu-principal/histoire/une-nouvelle-vie-pour-le-taureau-1988- 1998/index.html
- 4 : Sur ce sujet, voir les articles de <u>Louis Chauris</u>

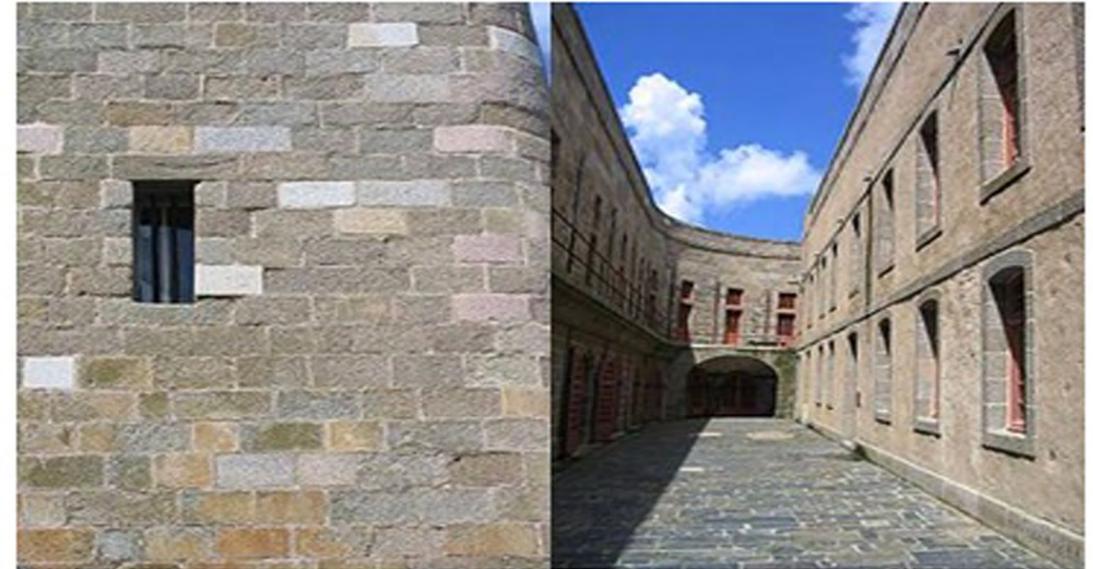
FACULTY OF ARCHITECTURE, DESIGN & FINE ARTS

COURSE CODE | NAME OF THE COURSE | SEMESTER' YEARS

GIRNE AMERICAN UNIVERSITY

5 : Prosper Hémon : Le Comte du Trévou : la Révolution en Bretagne : notes et documents, Paris, Champion, 1902. Quyrage tiré à 100 exemplaires







Chronology

1920: The opening of Parliament

1820: Rébellion valaque

1720: Ottoman - Russian Treaty of Istanbul

1620: Runs Hot and Hot Treaty

+100

1520 : Château du Taureau Castle

1420: The Papacy Returns to Rome

1320 : Florence becomes a centre of international finance, with the Bardi and Peruzzi families acting as bankers to Europe's rulers.

1220 .: The invasion of the Mongols Harezm.

1120 : Conquête de Bursa

1020: Pecenek attacks against Byzantium

920: Mongol destruction of the Kyrgyz State Hitay.

820 : The establishment of Karahan State

720 : Start cutting the Orkhon inscriptions by Göktürks

620 : Istanbul for the first time the siege of the Avars

520: Division of the state into two balls.



Name **SURNAME**

Student number

Name SURNAME

NAME OF PROJECT | LOCATION OF PROJECT OTHER NECESSARY INFORMATION

serial number / web-site address / contact information (if applicable)

month day, year

VENETIAN KOULES FORTRESSS



Abstract:

The Venetian Castle of Heraklion is called Koules, which signifies "stronghold" (or "tower") in Turkish.

It's a gigantic fortification with two stories that It's a gigantic fortification with two stories that used to protectthe section to the port. The Castle was developed by the Venetians in the mid thirteenth century, when they defeated the town. The Fortress was basically worked for the capacity of the nutrition stuff and the military supplies. It also aided as the quarter for the officers and as a jail. A amazing seismic earth quake totally shattered the Castle in 1303 and it was restored by the Genoese. The stronghold was again restored in 1523 - 1540 and got its definitive structure. Among the Ottoman control, the Castle was again changed to a jail. A few Cretan saints who rebelled against the Ottomans had been detained in the stronghold against the Ottomans had been detained in the stronghold and had been executed oblivious cells



Description

The exterior walls are about 9 meters in thickness, while the interior walls are up to 3 meters thick at some points. The sea smashed the foundations from early on, and repairs were carried out at periods of time. The large and very secure place also had many weak points, be cause it was built in a temporary period when strengthening architec ture was still at an experimental stage.

Physically speaking, Koules is formed of two sections: the south-western, rectangular section, little higher the north-eastern, semi-elliptical section, little lower.

There were three entrances to the castle, on the west, north and south west sides; the main gate was on the west. Different signs, writ ten sayings and coats of arms imprinted in relief were set into the out er walls. The best are the three marble reliefs showing the winged lion of St Mark, the symbol of the Most Calm Republic of Venice, one over each entrance. Two of them are still well looked after today, clearly worn by constant exposure to the sea air.

The fort is a two-story building with 26 rooms

sections and details



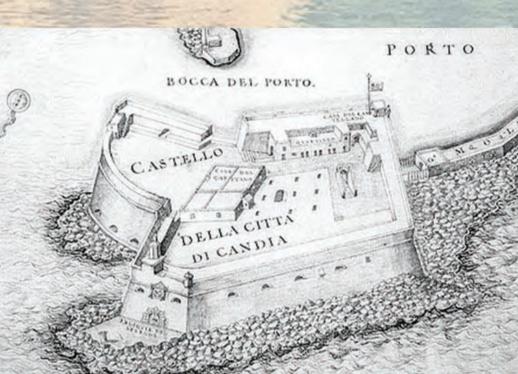


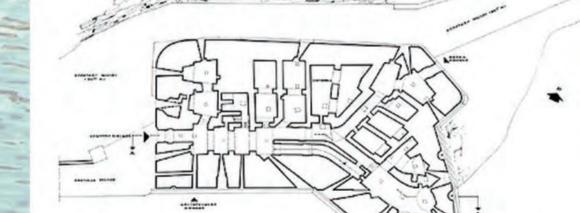
Artifacts



The phaistos disc is a disc made by clay that is fires made in crete

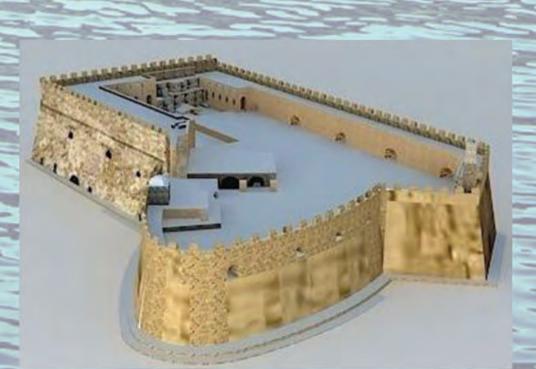


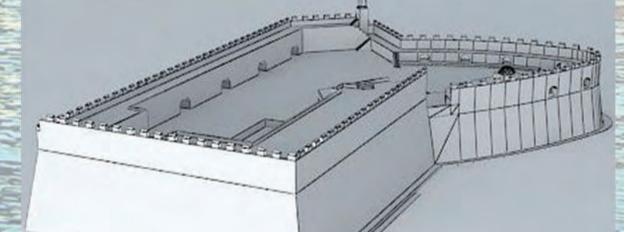


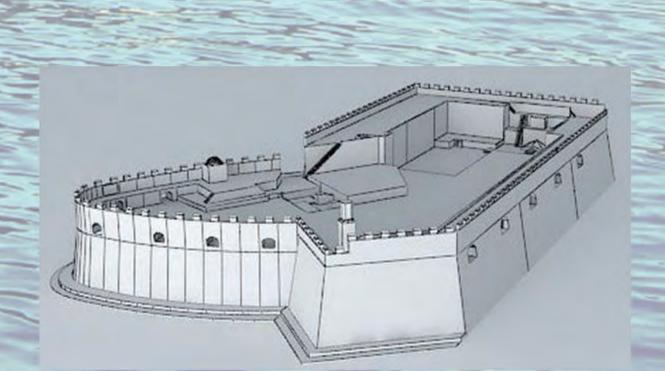


Instructor

Elevations













istory of modern architecture arc142 spring 2016

prof. alesandro camiz

LEYAN AL ZU'BI





DIDAPRESS