

GWIC

engineering
the future

A GWIC é uma empresa global de consultoria de engenharia que apoia clientes do setor público e privado no planeamento, execução, desenvolvimento e construção de projetos de engenharia.

GWIC is a global consultancy company that provides support to public and private entities in the planning, development, design and construction of engineering projects worldwide.

ESTUDOS E PROJETOS DE ENGENHARIA
STUDIES AND ENGINEERING DESIGN

GESTÃO DE PROJETOS
PROJECT MANAGEMENT

FISCALIZAÇÃO E GESTÃO DE OBRA
CONSTRUCTION MANAGEMENT

URBAN REHABILITATION

- Technical Due Diligences to the existing buildings;
- Engineering Design for all disciplines: Structure and Foundations, Water, Sewage and Rainwater Networks, HVAC Installations, Thermal and Acoustic Behaviour, Fire Safety, Electrical and Telecommunication Installations and Gas Infrastructures;
- Preparation of all documentation for the Tender Process: Letter of Invitation, Bidding Program, Terms of Reference and draft of Contract Works (with reference to the FIDIC documentation, when requested by the Clients);
- Management of the Construction Phase including control of deadlines, quality and costs.



SÃO MARÇAL PALACE HÔTEL

Lisboa, Portugal
FAT – FUTURE ARCHITECTURE THINKING, LDA

Área Total | Overall area 1.990m²

PROJECT: “Palácio São Marçal 77”, located in Príncipe Real, Lisbon, Portugal. The building, which is located on a plot with 1.990,00 m², comprises a basement, ground floor, first floor and attic, with dependencies and garden and a total area of 1990 sqm, with a covered area of 623sqm and an uncovered area of 1367sqm.

The project proposes to maintain the existing floors and comprises 26 double rooms, one of them being prepared for disabled users, spread over the upper 3 floors of the Palace, while located in the 1st floor are the service areas and everyday use of the building.

SERVICES: Refurbishment Cost Planning and Engineering Design, on the following disciplines: HVAC Installations, Mechanical Installations, Structures and Foundations, Electrical and Telecommunication Installations, Water and Sewage Networks, Thermal and Acoustic Behaviour, Fire Safety and Gas Infrastructures.



INSPIRA SANTOS HOTEL, IN LISBON HOTEL

Lisboa, Portugal
SARAIVA & ASSOCIADOS

Área Total | Overall area 1.990m²

PROJECT: The project comprises the rehabilitation of 2 buildings located in Avenida D. Carlos I and Rua da Esperança, in Lisbon. The location is very central and most touristic area of Lisbon. The rehabilitation of these 2 buildings intends the transformation into a 3 stars Hotel.

The building located in Av. D. Carlos I comprises 6 floors above ground and 1 floor below ground.

The building located in Rua da Esperança comprises 5 floors above ground.

SERVICES: Structural Survey on the Existing Infrastructures and Engineering Design, on the following disciplines: Structure and Foundations, Water, Sewage and Rainwater Networks, HVAC Installations, Thermal and Acoustic Behaviour, Fire Safety, Electrical and Telecommunication Installations, Gas Infrastructures and Mechanical Installations (Elevators).

BUILDING SUPPLY STORE MANTOVANI COMMERCIAL

Loures, Portugal
SAVILLS AGUIRRE NEWMAN PORTUGAL

Área Total | Overall area 2.400m²

PROJECT: Rehabilitation of the exhibition area of the Pedro & Mantovani store in Frielas, Loures, specializes in the sale of building materials for sanitary installations and kitchens.

The objective of the intervention was to create a more contemporary image, as well as to optimize the HVAC Installations and lighting systems, to reduce the energy consumption.

SERVICES: Structural Report and Engineering Design, on the following disciplines: Structures and Foundations, Water, Sewage and Rainwater Networks, HVAC Installations, Thermal and Acoustic Behaviour, Fire Safety, Electrical and Telecommunication Installations, Gas Infrastructures and Mechanical Installations (Elevators).



SÉ BOUTIQUE HOTEL, LISBON HOTEL

Lisboa, Portugal
New Hotel

Área Total | Overall area 1.103,71m²

PROJECT: The building is located at Rua dos Bacalhoeiros, no. 16 to 16D, 1100-070 Lisbon, Portugal, and will be rehabilitated under the scope of an Hotel Establishment. From a structural point of view, all the exterior walls, main interior stone walls, staircase of wooden structure, lobby, as well as the wooden floors that support the whole building, will be kept. The roof cover, which is in poor condition, will be replaced with a mansard. The plot area where the building is located is of 233.00 m², with an implantation area of 206.72 sqm and a gross building area of 1,103.71 sqm.

SERVICES: Structural Report and Engineering Design, on the following disciplines: Structures and Foundations, Water, Sewage and Rainwater Networks, HVAC Installations, Thermal and Acoustic Behaviour, Fire Safety, Electrical and Telecommunication Installations, Gas Infrastructures



UTIC BUILDING OFFICES

Lisboa, Portugal
TELEPERFORMANCE PORTUGAL

Área Total | Overall area 7.092,33m²

PROJECT: Rehabilitation of an industrial building of the 50's, located in the Av. De Pádua, Nº5, in the Parque das Nações area.

The intervention in the UTIC building is developed around a requalification and rehabilitation of a building in poor state of conservation that needs some important interior works to be able to serve in full a new building of services, generally maintaining its exterior traces.

SERVICES: Project Management and Engineering Design of the following disciplines Structural Survey on the Existing Infrastructures, Structure and Foundations, Water, Sewage and Rainwater Networks, Thermal and Acoustic Behaviour, Fire Safety, Mechanical Installations (Elevators), the Renewable Energy Certificate System and the final Energy Certificate.



TRANQUILIDADE BUILDING HEADQUARTER OFFICES

Lisboa, Portugal
SAVILLS AGUIRRE NEWMAN PORTUGAL

Área Total | Overall area 7.995,50m²

PROJECT: The project comprises the refurbishment of the headquarter building of the Tranquilidade Company located in the Av. da Liberdade, Nº242, maintaining the same use for office. The areas of the intervention are in the ground floor, 3rd floor and 6th to 8th floors, for an office occupancy, in the total area of 7.995,50m².

SERVICES: The services provided included the analysis to the existing infrastructures to compatibility with the following disciplines: Water, Sewage and Rainwater Networks, HVAC Installations, Thermal and Acoustic Behaviour, Fire Safety, Electrical and Telecommunication Installations.





BUILDINGS IN COIMBRA COMMERCIAL AND RESIDENTIAL

Coimbra, Portugal
FAT – FUTURE ARCHITECTURE THINKING, LDA

Área Total | Overall area 1.990m²

PROJECT: Rehabilitation of several old buildings belonging to the blocks of Moeda, Nogueira and Sofia, located in downtown Coimbra, Portugal.

The following Licensing and Detailed Design have been developed in the following buildings: P35, P30, P15, P23, P24 and P33B.

SERVICES: Project Management and Engineering Design of the following disciplines: Structure and Foundations, Water, Sewage and Rainwater Networks, Thermal and Acoustic Behaviour, Fire Safety, Electrical and Telecommunication Installations and Gas Infrastructures.



RESIDENTIAL BUILDING AT RUA STA MARTA RESIDENTIAL

Lisboa, Portugal
FAT – FUTURE ARCHITECTURE THINKING, LDA

Área Total | Overall area 848,53m²

PROJECT: Construction of a residence building at Rua de Santa Marta, in Lisbon - Portugal. The building comprises a ground floor + 3 floors high and roof cover use.

The plot area is about 231.50 sqm and the building area is of 834.61 sqm. At the end of the lot is a public place, reachable through the 1st floor, where a private patio will be created.

SERVICES: Structural Survey on the Existing Infrastructures and Engineering Design, on the following disciplines: Structure and Foundations, Water, Sewage and Rainwater Networks, HVAC Installations, Thermal and Acoustic Behaviour, Fire Safety, Electrical and Telecommunication Installations, Gas Infrastructures and the Energy Certificate.



VILA DAS LAGOAS CONDOMINIUM RESIDENTIAL

Albufeira, Portugal
OWNERS OF THE BUILDINGS (PRIVATE)

Área Total | Overall area 73.000m²

PROJECT: Rehabilitation of all façades and exterior vestments of the buildings nº5 to nº13, located in a private condominium with the total area of 73.000m², in Albufeira, Algarve.

SERVICES: Project Management, including the preparation of all documentation for the Tender Process, procurement and Engineering Design for the rehabilitation.



BUILDING AT RUA DE PEDROUÇOS COMMERCIAL AND RESIDENTIAL

Lisboa, Portugal
FAT – FUTURE ARCHITECTURE THINKING, LDA

Área Total | Overall area 1.990m²

PROJECT: Construction of a residence and commerce building at Rua de Pedrouços, in Lisbon - Portugal. The building comprises a ground floor, intended for commerce and three high floors intended for residence. The building is inserted in a plot with an area of about 2750 sqm, of which 1915 sqm are public place.

This building will be built from scratch, after the demolition of the existing building, located at the end of the lot, with main façade facing Rua de Pedrouços, to be kept.

SERVICES: Structural Survey on the Existing Infrastructures and Engineering Design, on the following disciplines: Structure and Foundations, Water, Sewage and Rainwater Networks, HVAC Installations, Thermal and Acoustic Behaviour, Fire Safety, Electrical and Telecommunication Installations and Gas Infrastructures.





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