

REP. CZECH REPUBLIC - Praga/ Prague

Chalet/ Detached House

OBJECTIVE

Make a housing project of a detached house which consisted of: descriptive memory, constructive memory, Justifying memory, Budget and measures and the planes that defining the project

1.1. LOCATION

The plots envelope which is requested planning permission is situated in the Urbanization el Murral, plots 48 and 49 of Segart (Valencia), Urban Land, Residential Management Area Isolated or second residence. The house is situated in Urban Land, Residential Isolated or second residence in accordance with Town Planning Regulations Segart City Council. The house consists of a main building, parking area, swimming pool, terraces and garden.

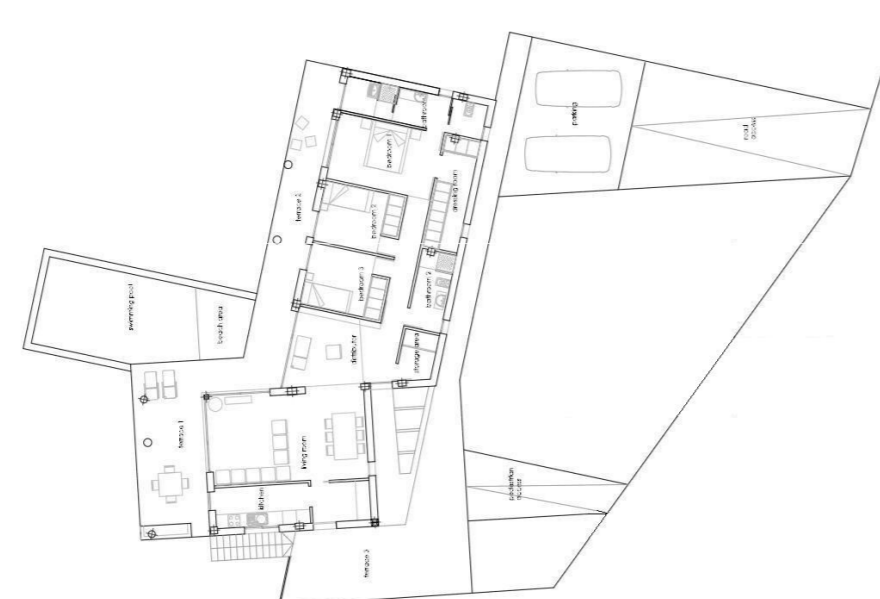


1.2. PHYSICAL ENVIRONMENT

The house is situated in the urban land, in a designated area for current planning mainly low density residential. It has road access on both fronts of the plots. It has the potable water services, sewerage system and electricity.

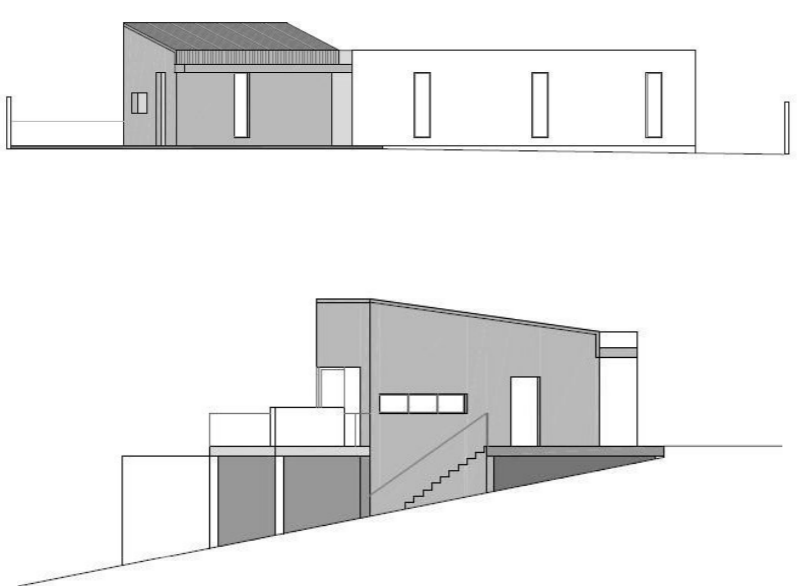
1.3. GENERAL DESCRIPTION

This basic project and execution of a detached house is aimed at the construction of this housing and the provision of all necessary facilities for proper operation. The surfaces of the rooms that integrate housing are shown in the following chart:

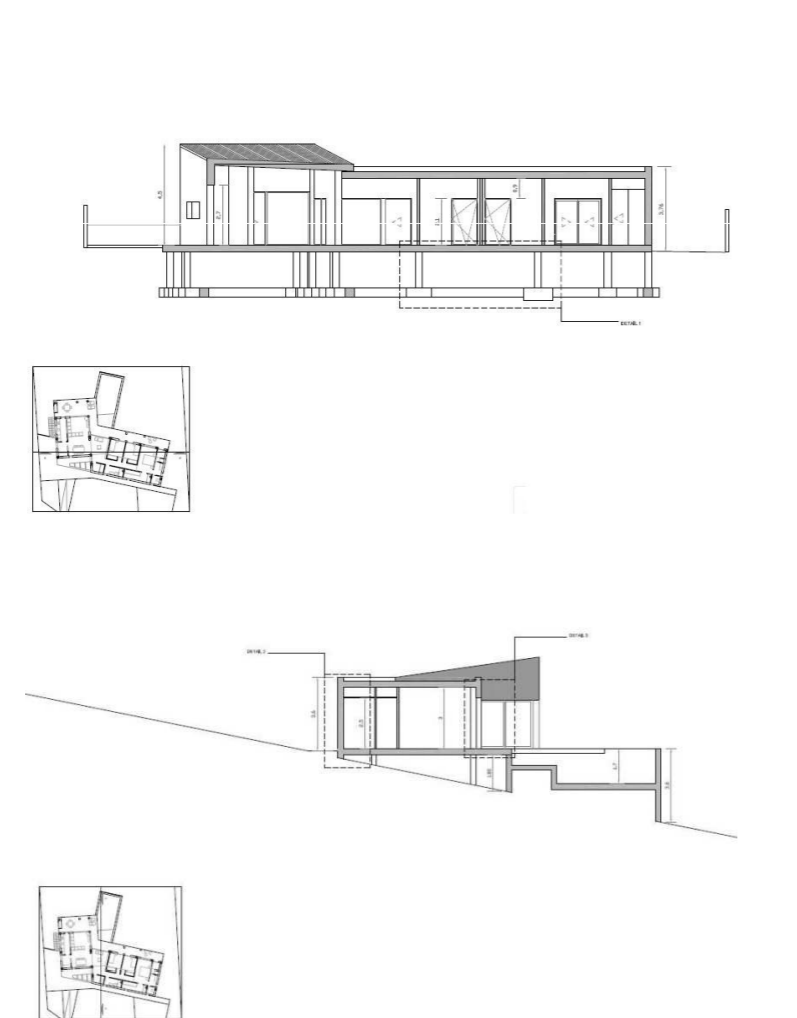


DEFINITION OF HOUSING

The house consists of 4 fronts with an orientation of the house north west.



SECCIONES Y DETALLES



2.1. STRUCTURAL SYSTEM

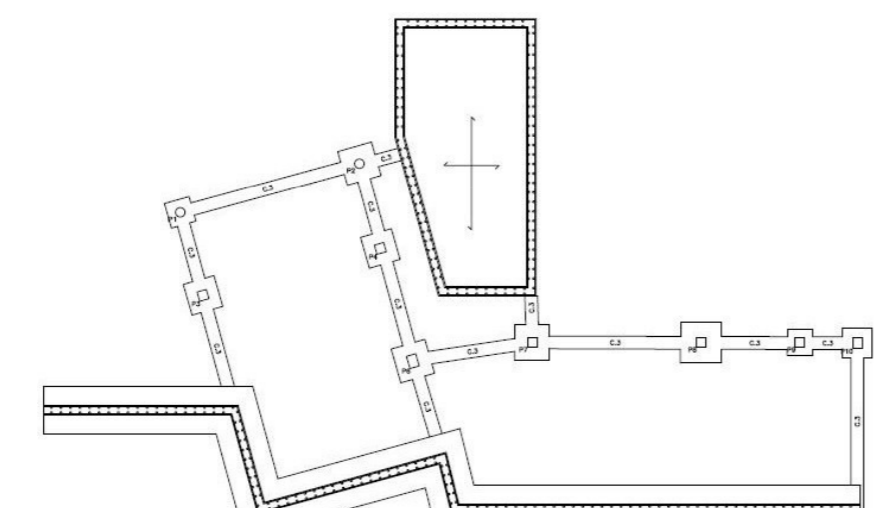
The structural system of the house is organized by two main volumes, one of larger height than integrates the day areas and another smaller that contains the night area. The roof is inclined in the day volume and flat inverted in the night.

2.1.1. Foundation

Foundation for footings on natural ground, reinforced concrete, produced, transported and put into work according EHE Instruction, including reinforcements, folds, meetings and start rebars in walls, holes for pipes for subsequent installation of the proposed facilities networks, vibrating of concrete with vibrant rule and formation of concrete joints.

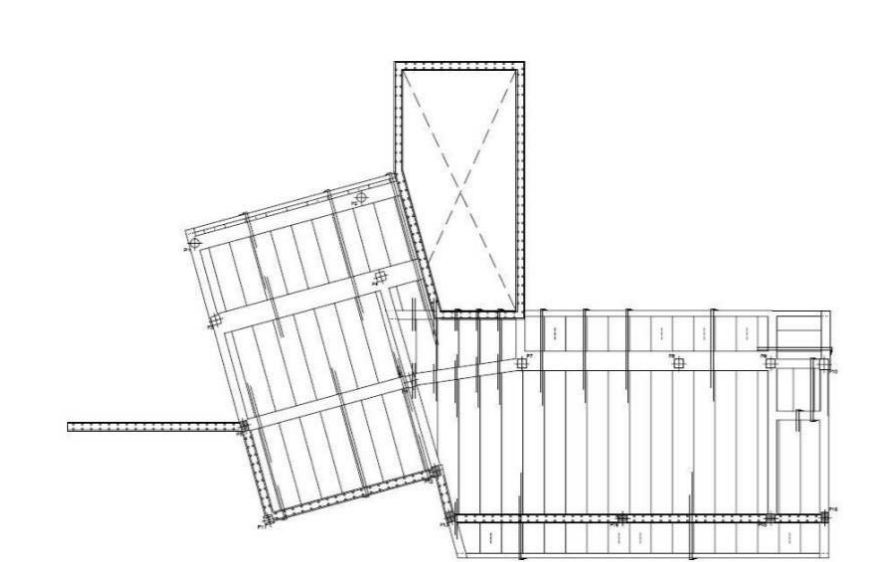
2.1.2. Contentions system

It projects a containment system through concrete wall parallel to the front edge of the plot. This wall contains the field access to it, in which there is a large gap between their foreheads. Their dimensions have been calculated and assembled with the housing structure.



2.1.3. Estructura horizontal

The horizontal structure has been solved by a one-way slab in a thickness of 25cm with a compression layer 5cm and joists interaxis of 72cm composed of joists concrete, thiners pieces between joists (vibropressed concrete vaults) with reinforcement cast and concrete poured in situ to fill nervos.



OBJETIVO

Realizar el proyecto de una vivienda unifamiliar de una planta que consistía en: memoria descriptiva, memoria constructiva, memoria justificativa, presupuesto y mediciones y los planos que definen el proyecto.

1.1. EMPLAZAMIENTO

Las parcelas sobre las que se solicita licencia de obras se encuentra situada en la Urbanización el Murral, parcelas EL 48 y 49 de Segart (Valencia), en Suelo Urbano, Zona de ordenación Residencial Aislada o de segunda residencia. La vivienda se encuentra en Suelo Urbano, Residencial Aislada o de segunda residencia, según las Normas Urbanísticas del Ayuntamiento de Segart. La vivienda esta integrada por un edificio principal, zona de aparcamiento, piscina, terrazas y jardín.

1.2. ENTORNO FISICO

La vivienda se encuentra en el suelo urbano, en una zona prevista por el planeamiento vigente, residencial de baja densidad. Dispone de acceso rodado por ambos frentes de las parcelas. Cuenta con los servicios de agua potable, alcantarillado y energía eléctrica.

1.3. DESCRIPCIÓN GENERAL

Este proyecto básico y de ejecución de vivienda unifamiliar aislada tiene el objeto de la construcción de esta vivienda y la dotación de todas las instalaciones necesarias para su correcto funcionamiento. Las superficies de las estancias que integran la vivienda se recogen en la tabla siguiente:

TABLE OF USEFUL SURFACES

ROOM	AREA (m²)	ROOM	AREA (m²)
BEDROOM 1	11.50	BEDROOM 2	11.50
BEDROOM 3	11.50	BEDROOM 4	11.50
BATHROOM 1	5.00	BATHROOM 2	5.00
BATHROOM 3	5.00	BATHROOM 4	5.00
BATHROOM 5	5.00	BATHROOM 6	5.00
BATHROOM 7	5.00	BATHROOM 8	5.00
BATHROOM 9	5.00	BATHROOM 10	5.00
BATHROOM 11	5.00	BATHROOM 12	5.00
BATHROOM 13	5.00	BATHROOM 14	5.00
BATHROOM 15	5.00	BATHROOM 16	5.00
BATHROOM 17	5.00	BATHROOM 18	5.00
BATHROOM 19	5.00	BATHROOM 20	5.00
BATHROOM 21	5.00	BATHROOM 22	5.00
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