

ARCHITECTONIC PROJECT
OBJECT: MULTIFUNCTIONAL CENTRE FOR PEOPLE IN NEED
LOCATION: BILISHT, DEVOLL



The requirements related to necessary spaces have been determined by the Social Welfare Sector at the Municipality of Devoll. For years, domestic violence and violence against women and children has been an unsolved issue. Neither the Social Welfare Sector nor the police have appropriate premises to shelter and treat violated persons. Taking into account that 5% of Devoll's population is comprised of ethnic minorities and the highest concentration of this families is in Bilisht (360 families), it is necessary to support children and persons in need in different ways. Devoll does not have a centre for treating people with different skills, therefore this multifunctional centre will provide considerable aid. Taking into account that public institutions have numerous deficiencies with regards to social aspects, the establishment of such centre in Bilisht will improve the capacities of social services in Devoll. Following that, we come at the architectonic concept of the proposal. A whirlpool that brings people together and does not exclude them. A whirlpool that gathers different social issues and integrates people in the society. A whirlpool that provides the feeling of safety and home, that transforms the lone street into an interior yard and promotes social interaction. A centre where everyone can go and give their contribution through moral support, clothes, knowledge, books, art, courses, food, heating etc. This building will be a symbol of unity and overcoming social differences.

The social centre is comprised of a complexity of buildings that complement the slope of the terrain. They carry within them change and unity and share a common interior yard, which is combined with the element of nature. The centre is organized in such a way as to "turn its back" to the cold north of Devoll and to provide as much space as possible towards the east, south and west. Therefore, the northern segment of the complex is higher to provide protection to the central core.

Roof

The roof slope extends towards the interior yard of the complex. The high sides have an outwards to allow for a greater façade, with more space to fulfil the needs for interior spaces and provide

protection to the interior yard. The roof has a slope of 16.6% and shall be constructed using wooden transversal beams supported on the R/C perimeter beams. To achieve the best possible hydro and thermal-insulation, the roof's insulation shall be provided by the vapour insulation layer in its internal spaces, which is comprised by a compact polystyrene layer of 5 cm and a layer of tar and bitumen. The outer surface is designed to be covered using earth colours, dark grey and brown high quality Canadian roof tiles. The roof shall be entirely visible from within the building and it will be possible to see the beams holding the cover and the wood (plank) layer with a thickness of 2.5 cm.

WALLING

The walls will be constructed and supported at the R/C structure in the perimeter, while the partition walls will be supported at the floor slab. They will be comprised of perforated bricks that enable a better thermal-insulation. The external perimeter of the building shall be constructed using brick with a thickness of 20 cm and shall be coated with a thermal-insulation polystyrene layer, plastic net and plastering, in the case of a plastered façade. If the façade is covered in wood (plank), after the thermal-insulation layer, it will be covered by a 2.5 cm thick plank and it will be coated to provide protection from atmospheric agents. The inner part of the perimeter walls will be plastered. The internal partition walls will be constructed using 12 cm perforated bricks and will be plastered or covered by tiles, for e.g. in the case of toilets.

FLOOR

The floor shall be primarily composed of an R/C monolithic slab, which will be placed on a 5 cm thermal-insulation layer, hydro-insulation provided through two layers of tar and a 10 cm concrete layer connecting it with the compressed ballast. The interior floor of the facility will be covered in light grey porcelain tiles. This layer will be placed on a concrete levelling layer.

The total surface area of the building is **400 m²**

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