

Red Hollow Creature

The new theater complex is a red and hollow shape inserted in the ground, with parts protruding from it and parts extending into the existing building. This creature is formed on a 3.30-meter grid and includes the following spaces:

Entrance Zone: Located next to the existing building, the entrance zone acts as a transitional space between the existing theatre, the main hall and the yard. The ground floor of this volume is dedicated to the entrance space, its related services and main accesses. The upper floors include offices and residential uses. An access to the existing building is provided in each floor.

Main Hall: The main hall is a large hollow space that goes from the basement to above ground level (-9.90 to +19.80). The boundary of this space is defined by a skeleton, left bare in above ground but covered by offstage spaces (as its flesh) in basement floors.

A light red box is hung from reels on the upper corners of the skeleton, letting its height to be adjustable. As a result when the box is level with the ground, the main hall is completely enclosed and the ground level can be used as an open stage or urban platform during festivals and peak times.

On the contrary, when the red box is suspended above the ground level, the ground level will remain empty, providing the main hall with the possibility to use the natural scenery, the view of the trees and the sky.

The stage and audience area are located on hydraulic jacks, which allows the hall to be used both as a black box with a specific arrangement for each performance and as a classic stage arrangement.

Existing Building: The entrance of the new building is merged with the one in the existing. Also, on the roof, the sloping ceiling has been removed and is used as an open space for artists' desired activities.

Using one-point perspectives and visual errors, the design plays with viewer's perception of the depth of space.

Building Density: 51.2% of 2,100 m²

Total Built-up Area: 650 m²

Total Floor Area: 1,077 m²

Total Landscaping Area: 727 m²

Type of building:

Puppetry Arts Centre

Total area: 3,275 m²

Location: Stara Zagora, Bulgaria

Structure:

Foundation: Concrete

Structural system: Concrete structure with waffle slab and slab

Shear walls: 16,500 m², 40 cm thick

Columns: 34 columns, 40 cm x 40 cm, 3.3 m tall

Interior walls: 600 m² drywall, 10 cm and 20 cm wide

Curtain wall: 180 m²

Doors: 35

Lifts: 2

Materials:

Entrance:

Flooring: Polished concrete

Walls: Painted or wallpapered drywall

Ceilings: Suspended acoustic ceiling tiles

Furniture: Modern and functional desks, counters, and seating

Lighting: Energy-efficient LED recessed lighting

Main Hall:

Flooring: Polished concrete or theater-grade carpeting

Walls: Acoustic panels or sound-absorbing materials

Ceilings: Acoustic ceiling tiles

Seating: Moveable and modular seating systems

Lighting: Professional-grade stage lighting fixtures

Sound system: High-quality audio equipment and speakers

Offstage spaces:

Dressing rooms: Mirrors, dressing tables, and seating

Restrooms: Ceramic tiles, sanitary fixtures, and water-saving fittings

Rehearsal space: Mirrors, dance flooring, and wall-mounted ballet barres

Administration: Office furniture, workstations, and storage solutions

Residential block (guest room): Comfortable furnishings, hotel-style amenities

Portable concrete structure:

Size: 12 m x 12 m x 2 m

Movement: Up and down with cable and reel

Motorized system: May need motorized system to move

Mechanical, Electrical, and Plumbing (MEP) Systems:

HVAC systems (heating, ventilation, and air conditioning)

Electrical systems (power distribution, lighting, wiring)

Plumbing systems (water supply, drainage, sanitary fixtures)

Fire protection systems (sprinklers, alarms)

The cost of the Puppetry Arts Centre to be between €8 million and €10 million. This estimate includes the cost of construction, materials, and labor. It does not include the cost of land, permits, or fees.