



# BUILDING NO.30

**LOCATION:** ZAFERANYE\_ORDIBEHESHT

**FUNTION:** RESIDENTIAL. 1370 M2

**MAIN CONCEPT OF DACADE DESIGN:**

## **BUILDING FACADE DESIGN INSPIRED BY NATURE: A FUSION OF ART AND MODERN ARCHITECTURE**

THE DESIGN OF THIS BUILDING'S FACADE DRAWS ITS PRIMARY INSPIRATION FROM NATURE. THE STRUCTURE OF THE TREES SURROUNDING THE PROJECT, WITH THEIR INTERTWINED AND COMPLEX BRANCHES, BECAME THE CENTRAL IDEA FOR THE FACADE DESIGN. THE GOAL WAS TO BLEND THE BUILDING INTO ITS NATURAL SURROUNDINGS WHILE SIMULTANEOUSLY OFFERING A CONTEMPORARY AND DYNAMIC ARCHITECTURAL EXPRESSION.

## **SITE ANALYSIS AND CONNECTION TO THE NATURAL ENVIRONMENT**

THE FIRST STEP IN THE PROCESS WAS A THOROUGH ANALYSIS OF THE SITE AND ITS NATURAL ENVIRONMENT. THE OLD, TOWERING TREES AROUND THE BUILDING SERVED AS BOTH A NATURAL SHELTER AND AN INTEGRAL SOURCE OF INSPIRATION. THESE TREES NOT ONLY PROVIDE SHADE AND PROTECTION BUT ALSO INFLUENCED THE DESIGN CONCEPT WITH THEIR ORGANIC STRUCTURE AND INTERTWINED BRANCHES. THUS, THE NATURAL ELEMENTS OF THE SITE BECAME THE FOUNDATIONAL THEME FOR THE DESIGN.

## **TRANSLATING NATURE INTO GEOMETRIC FORMS**

ONE OF THE KEY CHALLENGES IN THIS PROJECT WAS TO COMBINE THE BEAUTY OF NATURE WITH MODERN, MINIMALIST ARCHITECTURAL APPROACHES. THE BRANCHES OF THE TREES WERE GRADUALLY TRANSLATED INTO SIMPLE AND BALANCED GEOMETRIC FORMS. THE SQUARE AND RECTANGULAR VOLUMES FEATURED IN THE FACADE ARE REFLECTIVE OF THE COMPLEXITY FOUND IN NATURE. THESE GEOMETRIC SHAPES, ABSTRACTLY REDESIGNED, MIRROR THE BRANCHING STRUCTURES OF TREES BUT IN A REFINED AND CONTEMPORARY FORM.

## **THE PLAY OF LIGHT AND SHADOW**

A STANDOUT FEATURE OF THIS FACADE IS THE INTERPLAY OF LIGHT AND SHADOW. INSPIRED BY THE WAY NATURAL LIGHT FILTERS THROUGH TREE BRANCHES, THE DESIGN INCORPORATES PROJECTIONS AND RECESSES IN THE FACADE THAT CREATE DYNAMIC SHIFTS IN LIGHT AND SHADOW THROUGHOUT THE DAY. THIS DYNAMIC QUALITY MAKES THE BUILDING APPEAR EVER-CHANGING, MUCH LIKE THE WAY SUNLIGHT MOVES THROUGH THE LEAVES AND BRANCHES, CASTING INTRICATE PATTERNS ON THE GROUND.

## **MATERIALS: WHITE CHINESE MARBLE AND GRAY CEMENT PLASTER**

IN SELECTING THE MATERIALS, A BALANCE BETWEEN HARMONY WITH NATURE AND EMPHASIS ON MODERNITY WAS SOUGHT. THE BUILDING'S FACADE IS PRIMARILY CONSTRUCTED FROM WHITE CHINESE MARBLE, WHICH GIVES THE STRUCTURE A PURE, CLEAN, AND ELEGANT APPEARANCE. THE NATURAL TONE AND TEXTURE OF THE MARBLE SYMBOLIZE THE CONNECTION BETWEEN THE BUILDING AND ITS ENVIRONMENT, EVOKING A SENSE OF SOLIDITY AND PERMANENCE. THIS MATERIAL NOT ONLY PROVIDES AESTHETIC APPEAL BUT ALSO OFFERS DURABILITY AGAINST WEATHERING ELEMENTS.

IN CONTRAST, GRAY CEMENT PLASTER WAS USED AS A COMPLEMENTARY MATERIAL TO THE WHITE MARBLE. THE GRAY TONE OF THE CEMENT PLASTER CREATES A SUBTLE CONTRAST, GIVING THE BUILDING A MODERN, INDUSTRIAL FEEL. THIS COMBINATION OF MATERIALS STRENGTHENS THE BALANCE BETWEEN NATURAL ELEMENTS AND MAN-MADE STRUCTURES, ENHANCING THE OVERALL SENSE OF HARMONY.

## **BALANCING FORM AND FUNCTION**

THE DESIGN GOES BEYOND AESTHETICS, CAREFULLY CONSIDERING FUNCTIONALITY AS WELL. THE FACADE'S PROJECTIONS AND RECESSES NOT ONLY SERVE AS VISUAL HIGHLIGHTS BUT ALSO AID IN NATURAL VENTILATION AND IMPROVE THERMAL COMFORT INSIDE THE BUILDING. THESE GEOMETRIC FORMS ARE STRATEGICALLY DESIGNED TO PROVIDE SHADING DURING HOT SUMMER DAYS WHILE STILL ALLOWING NATURAL LIGHT TO PERMEATE THE INTERIOR, STRIKING A BALANCE BETWEEN LIGHT AND THERMAL CONTROL.

## **A SYMBIOSIS BETWEEN NATURE AND ARCHITECTURE**

THIS PROJECT REPRESENTS A HARMONIOUS SYMBIOSIS BETWEEN ARCHITECTURE AND NATURE. THE BUILDING IS DESIGNED TO FEEL LIKE A PART OF ITS NATURAL SURROUNDINGS WHILE EMBRACING A MODERN AND CREATIVE ARCHITECTURAL LANGUAGE. THE ULTIMATE AIM WAS TO MAKE THE BUILDING AN EXTENSION OF NATURE ITSELF, WITHOUT COMPROMISING ITS FUNCTIONALITY OR CONTEMPORARY AESTHETIC.







## MATERIAL

### WHITE PART:

AZNA CHINESE MARBLE STONE  
ALIGUDARS MARBLE STONE  
CEMENT PLASTER  
MICROCEMENT WITH WHITE COATING

### GRAY PART:

SCRATCH BASALT STONE  
CEMENT BOARD  
CEMENT PLASTER  
GFRC

### BLACK PART:

ALUMINUM PROFILE WITH BLACK ELECTROSTATIC  
COLOR FOR WINDOWS AND LOUVRES AT THE ENTRANCE  
OF THE PARKING LOT

STEEL PROFILE WITH BLACK ELECTROSTATIC  
COLOR FOR THE MAIN ENTRANCE DOOR OF THE BUILD-  
ING AND YARD







