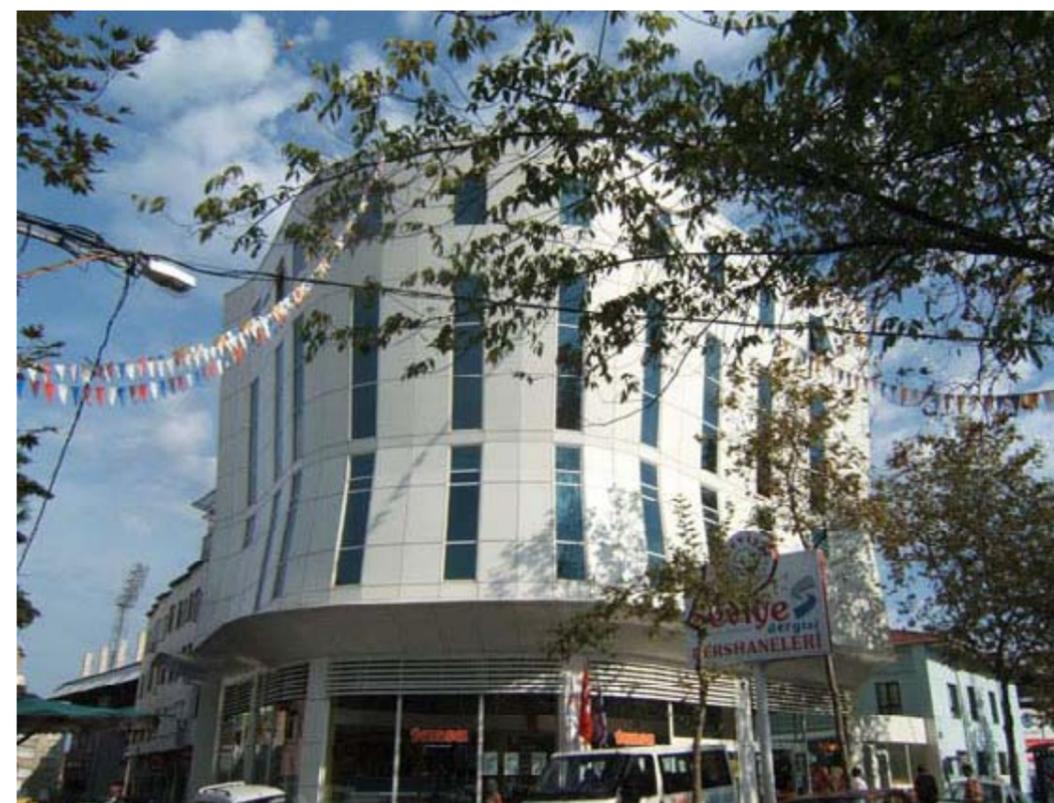




Shopping/Education Centre

Trabzon, Turkey



Architect: Necdet Kirhan Yazici

Client: On Gida Tic ve San AS

Built Area: 2'770 m²

Cost: US\$ 1'027'397

'Think of a simple cube and try to transform it into a sphere.' This thought experiment formed the basis for a project that plays on notions of duality: two different shapes with the same mass, and two different functions - mini shopping mall and education centre. Inspired by the legendary figure of Sahmeran (the product of a union between a young man and a snake in the shape of a beautiful woman), it attempts a fusing of opposites. The structure is of reinforced concrete and steel, while the facades are made up of composite panels, glass, ceramic and steel.

SHOPPING/EDUCATION CENTER TRABZON - TURKIYE 3327.TUR

Trabzon, Turkey

Architects Necdet Kirhan Yazici
Trabzon, Turkey

Clients On Gıda Tic ve San AS
Trabzon, Turkey

Commission 2003

Design 2003 - 2003

Construction 2003 - 2005

Occupancy 2005

Site 335 m²

Ground Floor 333 m²

Total Floor 2'770 m²

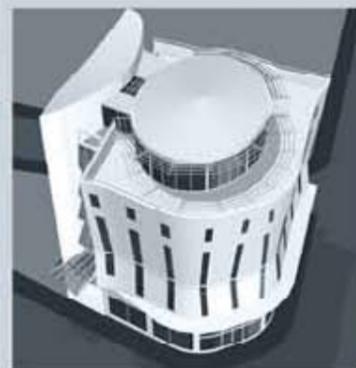
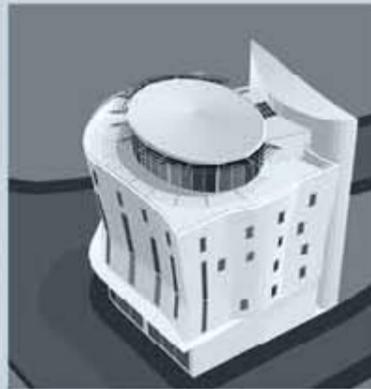
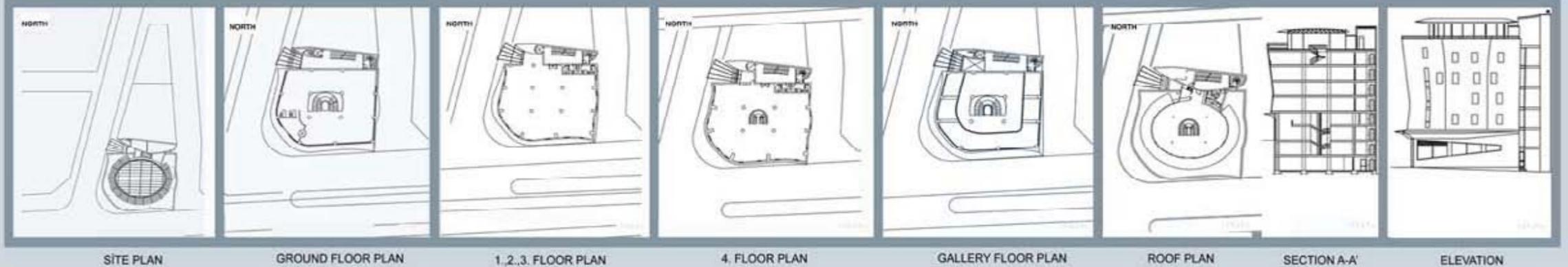
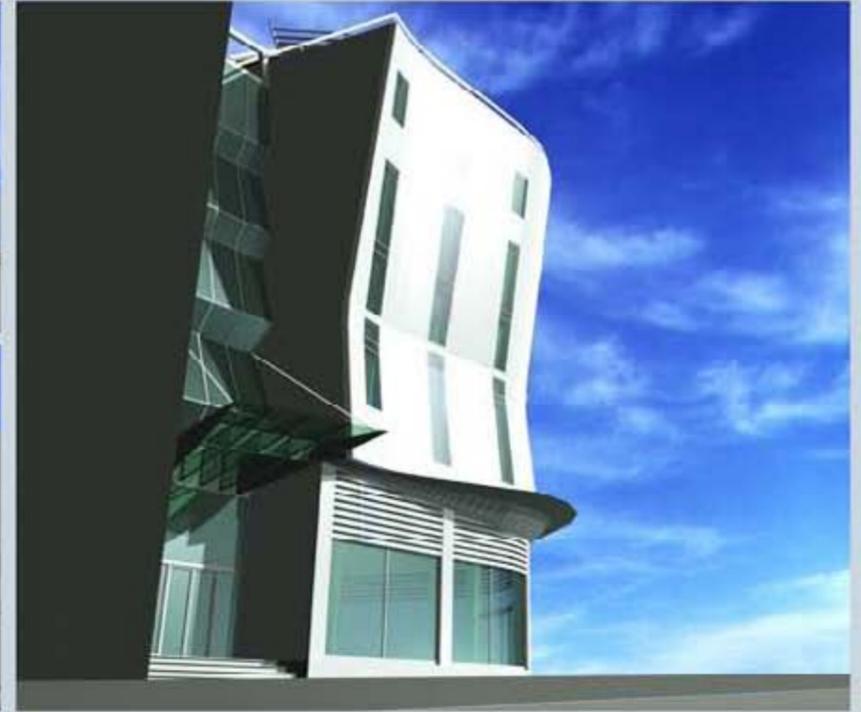
Costs US\$ 1'027'397

Programme 'Think of a simple cube and try to transform it into a sphere.' This thought experiment formed the basis for a project that plays on notions of duality: two different shapes with the same mass, and two different functions - mini shopping mall and education centre. Inspired by the legendary figure of Sahmeran (the product of a union between a young man and a snake in the shape of a beautiful woman), it attempts a fusing of opposites. The structure is of reinforced concrete and steel, while the facades are made up of composite panels, glass, ceramic and steel.

The structure is located at a western Trabzon neighborhood with schools, hospitals and a sports stadium. The location of this corner is important as it's heavily frequented by the school kids and teenagers walking by. The structure is essentially a mini shopping and education center with basic functions. However the architectural message presented to the spectators is strong with an impressive fashion. While structure starts traditionally from the ground up, the shapes start to change at the facade level and this variety increases with the height. The structure presents different perspectives from different angles and this tension suddenly calms down at the terrace. Concrete, steel, composites, plates and glass materials are used in this structure.

ŞAHMERAN AND ARCHITECTURAL DESIGN

With the opportunity presented by the competition, we would like to discuss the architectural thought process behind our design...



SHOPPING/EDUCATION CENTER TRABZON - TURKIYE 3327.TUR

Sahmeran and Architectural Design

With the opportunity presented by the competition, we would like to discuss the architectural thought process behind our design.

The design principles of today's popular architectural movements are based on the Euclid forms, known basic design principles and the Gestalt perception theorems. The rich texture of the architectural designs based on these principles are developed with the masters' own performance. However, we believe that the contemporary architecture has often imitates itself and is unable to create a unique, refreshing and different concept. Even though there are architects and designers that pushed the boundaries, they are often a few individuals. They are a brand on their own.

We think that there are different platforms of approach above the current classical ones. It is possible to express this thought with a simple and imaginary or virtual experiment.

For example, think of a simple cube and try to transform this cube into a sphere. In this transformation process, we try to imagine the vertices of the sphere shrinking, the side edges swelling, the surfaces beginning to disappear and the cube being a sphere within its body. In this event, during the transformation of these two different shapes having the same mass, the relationship is not a different geometry and is able to create infinite amount of systems that have different identities. When we apply this geometrical process to architecture, this presents us a different system that becomes a brand new identity during this design construct.

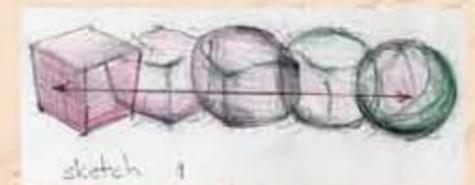
Interestingly at the same time, this concept unites with a powerful legend told in the Islamic world. The legend of Sahmeran has been told in Anatolia, around the lands close this area. According to the legend, this is a love story between a young man and a snake in the shape of a beautiful woman who can heal every illness. At the end of the legend, these different and opposite identities and souls unite in a single body. On a figure that symbolizes the legend, two different creatures having a snake head on one side and a beautiful woman on the other, unites and completes each other, forming a new being called Sahmeran. Here, between these two different parts, there is a new balance caused by the continuity and transformation, hence very different identity. The rich texture of this paradigm carries various potentials for Islamic architecture.

In spite of the limitations of local conditions, materials and technical difficulties, we tried to express this thought in this design presentation. In structural design it is a common practice that each component, which was created by the transformation and change between the surfaces and geometry, comes together as a single structural identity. We have developed an unconventional design around a vicinity having a very ordinary architectural and urban development. According to the people living in that neighborhood and the people living in this building, even though it's in a significant contrast with the environment, it is liked while being controversial and giving out new messages. People express thoughts of how they embraced this building.

Do these people, unintentionally feel Sahmeran within the texture of this structure?



ŞAHMERAN -2-



SKETCH -1-



Aga Khan Award for Architecture

ARCHITECT'S RECORD

2007 AWARD CYCLE

I. IDENTIFICATION

Project Title Shopping/Education center
 Street Address Trabzonspor Bulvari
 City Trabzon Country Türkiye

II. PERSONS RESPONSIBLE

A. Architect/Planner

Name Necdet Kirhan YAZICI
 Mailing Address N.K.Y. Mim. Müh. Ltd. Sti. İnci Sitesi A Blok Uzun Sokak
 City Trabzon Postal Code 61040
 Country Türkiye Telephone 04623217995
 Facsimile 04623266974 E-mail nkytr@superonline.com
 Principal Designer Necdet Kirhan YAZICI

B. Client

Name On Gıda Tic. ve San. A.Ş.
 Mailing Address Pazarkapı mah. Maras Cad. No:126
 City Trabzon Postal Code 61100
 Country Türkiye Telephone 04623264209
 Facsimile 04623268522 E-mail ongida10@hotmail.com

C. Project Affiliates / Consultants

Please list those involved in the project and indicate their roles and areas of responsibility (e.g. engineers, contractors, economists, master craftsmen, other architects, clients, etc.) Please cite addresses and telephone numbers separately

Name	Role
<u>Kadir Uyanık</u>	<u>Architectural Student</u>
<u>Çagla Omür</u>	<u>Architectural Student</u>
<u>Burcu Yazıcı</u>	<u>Architectural Student</u>
<u>Tolga Yaprak</u>	<u>Civil Engineer</u>
<u>Muhammet Sağlam</u>	<u>Civil Engineer</u>
<u>Hüseyin Yavruoğlu</u>	<u>Electric Engineer</u>
<u>Seyfullah Kinalı</u>	<u>Machine Engineer</u>

III. TIMETABLE

(please specify year and month)

A. Commission	2003		
B. Design	Commencement	06/04/2003	Completion 21/06/2003
C. Construction	Commencement	15/07/2003	Completion 10/07/2005
D. Occupancy	24 months		

Remarks, if any:

IV. AREAS AND SURFACES

(please indicate in square metres)

A. Total Site Area	335 m2
B. Ground Floor Area	333 m2
C. Total Combined Floor Area including basement(s), ground floor(s) and all upper floors)	2770 m2

Remarks, if any:

V. ECONOMICS

(please specify the amounts in local currencies and provide the equivalents in US dollars. Specify the dates and the rates of exchange in US dollars at the time.)

	Amount in Local Currency	Amount in US dollars	Exchange Rate	Date
A. Total Initial Budget	2.250.000 YTL	1.540.000 USD	1.46 YTL	2006
B. Cost of Land	750.000 YTL	513.698 USD	1.46 YTL	2006
C. Analysis of Actual Costs				
1. Infrastructure	375.000 YTL	256.849 USD	1.46 YTL	2006
2. Labour	225.000 YTL	154.109 USD	1.46 YTL	2006
3. Materials	825.000 YTL	565.060 USD	1.46 YTL	2006
4. Landscaping	25.000 YTL	17.120 USD	1.46 YTL	2006
5. Professional Fees	30.000 YTL	20.547 USD	1.46 YTL	2006
6. Other	20.000 YTL	13.698 USD	1.46 YTL	2006
D. Total Actual Costs (without land)	1.500.000 YTL	1.027.397 USD	1.46 YTL	2006
E. Actual Cost (per sq meter)	541,51 YTL	370,89 USD	1.46 YTL	2006

Remarks, if any, on costs:

VI. PROJECT DESCRIPTION

The structure is located at western neighborhood with schools, hospitals and sports stadium. The location of this corner is important as it's heavily frequented by school kids and teenagers walking by the structure is essentially a mini shopping and education center with basic functions however the architectural message presented to the spectators is contrast with an impressive fashion

VII. MATERIALS, STRUCTURE, AND CONSTRUCTION

The structure is constructed with simple local building techniques. Structural columns and joists are in reinforced concrete and steel trusses are used for the span. The façades are clad in composite plates, glass, ceramic and steel elements.

VIII. PROJECT SIGNIFICANCE AND IMPACT

Sahmeran and Architectural Design

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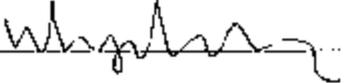
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Name (please print) Necdet Kirhan YAZICI

Signature  Date 25/10/2006

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S329813



S329814



S329815



S329816



S329817



S329818



S329819



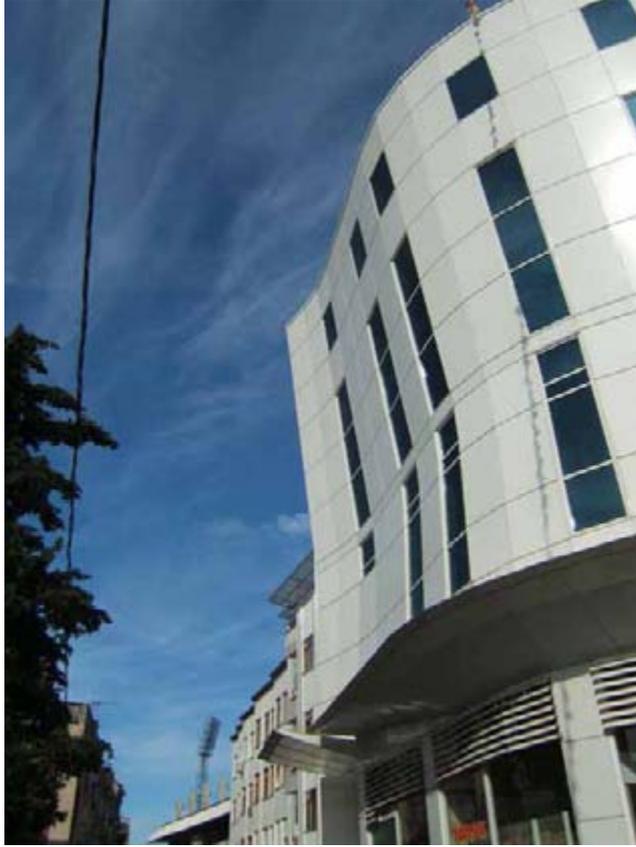
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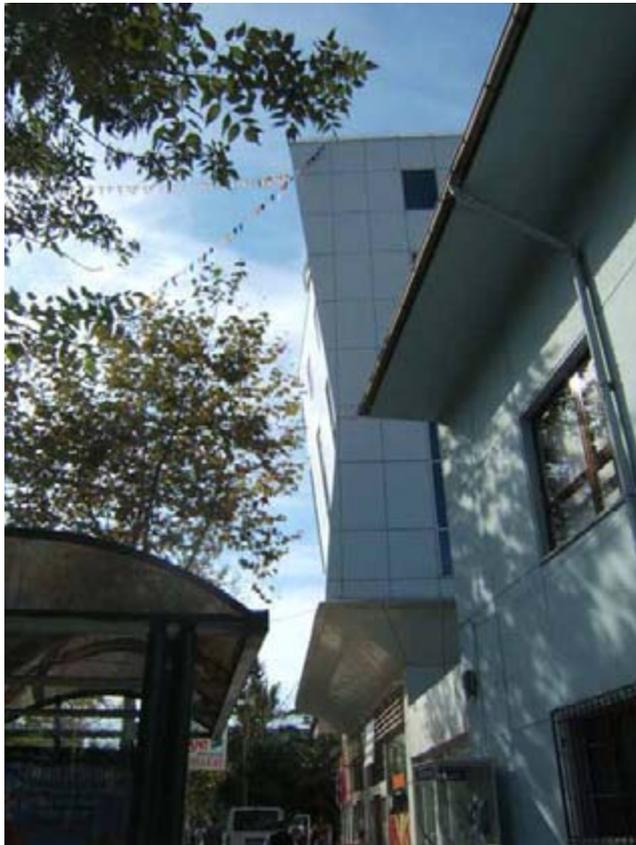
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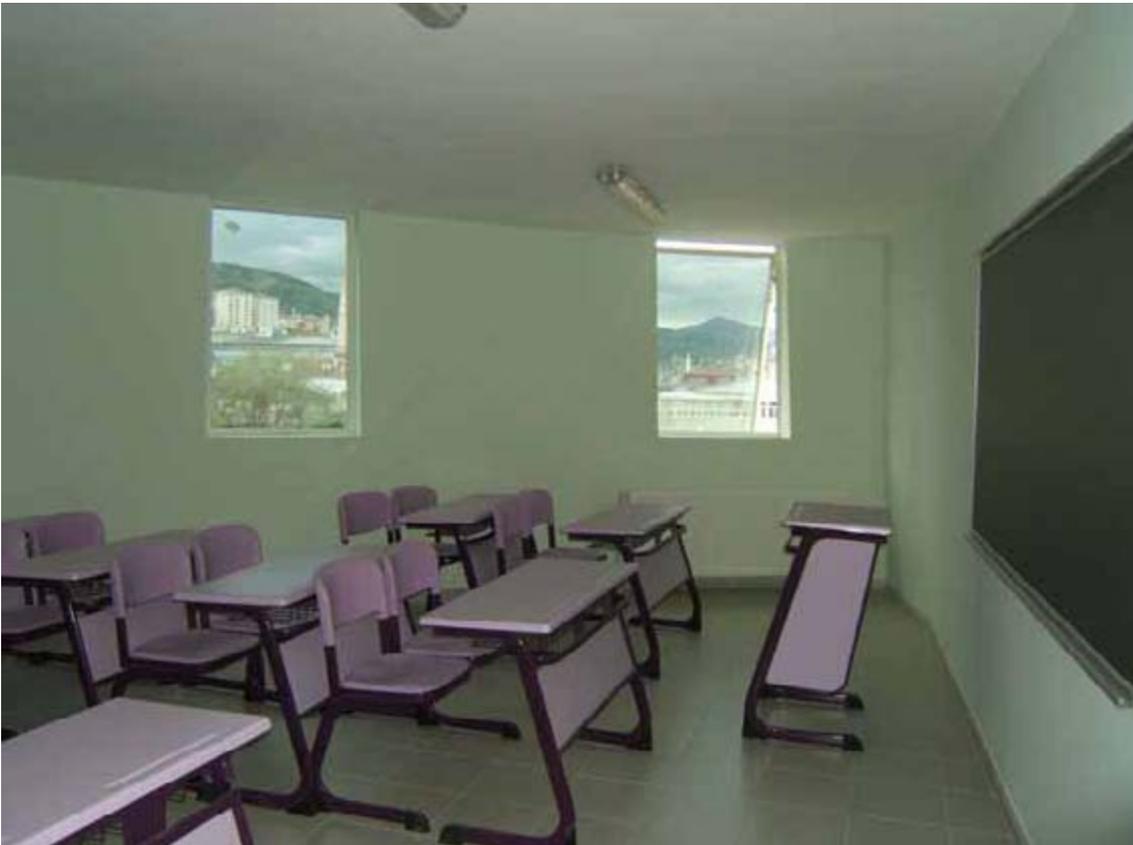
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S329839



MATERIALS IDENTIFICATION FORM

Provide a full list of all material being submitted

No	Description	Remarks
1	Reinforced Concrete (Structure)	
2	Steel (Structure)	
3	Aluminum Composite Plates (Façades)	
4	Tempered Exterior Glass (Façades)	
5	Ceramic (Floors)	
6	Stone (Floors)	
7	Paint (Interior Walls)	
8	Plaster Plates (Ceiling)	
9	Aluminum Sunlight Control Panels (Façades)	
10	Aluminum Profil (Façades)	
11		
12		
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IMAGE IDENTIFICATION FORM

List each digital image (or photograph or slide) below, and specify the name of the photographer and the date of photography. In the space designated "Description", provide a description of the image in English or in French. Also specify any copyright restrictions, if any. You may substitute this form with your own as long as the required information is included.

No	Description	Photographer	Date
1	Urban Tissue	Necdet Kirhan YAZICI	23/10/2006
2	Urban Tissue	Necdet Kirhan YAZICI	23/10/2006
3	Elevation	Necdet Kirhan YAZICI	23/10/2006
4	Elevation	Necdet Kirhan YAZICI	23/10/2006
5	Façade Detail	Necdet Kirhan YAZICI	23/10/2006
6	Façade Detail	Necdet Kirhan YAZICI	23/10/2006
7	Façade Detail	Burcu YAZICI	23/10/2006
8	Façade Detail	Burcu YAZICI	23/10/2006
9	Façade Detail	Burcu YAZICI	23/10/2006
10	Façade Detail	Burcu YAZICI	23/10/2006
11	Façade Detail	Kadir UYANIK	23/10/2006
12	Façade Detail	Kadir UYANIK	23/10/2006
13	Façade Detail	Kadir UYANIK	23/10/2006
14	Façade Detail	Kadir UYANIK	23/10/2006
15	Façade Detail	Çagla ÖMÜR	23/10/2006
16	Façade Detail	Çagla ÖMÜR	23/10/2006
17	Façade Detail	Çagla ÖMÜR	23/10/2006
18	Façade Detail	Çagla ÖMÜR	23/10/2006