

建/筑/设/计/全/方/案
RESIDENCE

W

住宅建筑

韩国A&C出版社 著



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北京科学技术出版社

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SIMPLE HOUSE

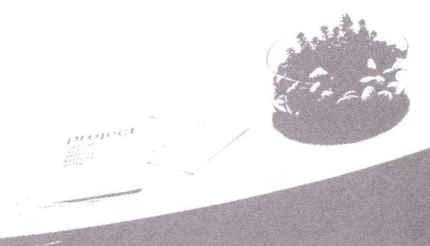
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>> RESIDENCE

42ND ROUTE HOUSE

006



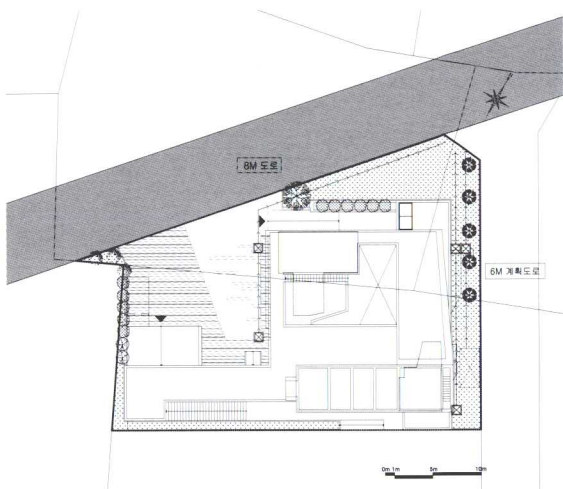
RESIDENCE
42ND ROUTE HOUSE



Location Yeoryang-ri, Buk-myeon, Jeongseon-gun, Gangwon-do, Korea Site Attribute
General Resident Site Area 922.6m² Building Area 387.08m² Total Floor Area 406.46m²
Building Coverage Ratio 41.00% Floor Area Ratio 43.05% Structure RC Parking 4
Cars Exterior Finish Exposed Concrete, Clear Pair Glass Interior Finish Exposed Concrete
Design Period 2007.1 Construction Period 2007.2-2007.11 Architecture Design Kwak
Hee-soo | IDMM Architects Design Team Kim Jun-su, Jeong Yeong-hyo, Lee Hyeong-jin, Oh
Min-kyeong Photographer Song Jae-yeong



Back terrace opened with outside



SITE PLAN

FACADES ADJACENT TO NATIONAL HIGHWAYS Unlike main thoroughfares in cities, the landscape around national highways does not feature elements useful to our daily lives, as their interactions mainly occur with a focus on local residents and motorists who use the national highways. It is therefore natural that the vicinity of national highways is comprised of natural landscape, civil structures, and commercial buildings related to the needs of motorists, such as gas stations, motels and restaurants serving local specialties. However, this phenomenon has depersonalized the facades around national highways and has made the boundaries of such regions more ambiguous. After all, the vicinities of highways require architectural gestures for interesting communication with motorists.

42ND ROUTE HOUSE The residence in Jeongseon is a house adjacent to a national highway. It is a building without any commercial interest, facing the highway. Naturally, it is not competing with motels and local food restaurants. What use would a house located on a national highway and whose commercial persuasion is excluded have for the client? and what interactions would it have with motorists using the national highway, and would they be necessary?

FACADE We do not expect that the house will have a great impact on the overall facade of the 42nd Route. Rather, it will act as an occasion where interactions generated when two unfamiliar elements of meet on the road will maintain each other's homeostasis-like antagonism. The facade of the Route house consists of the external facade adjacent to the road and the natural

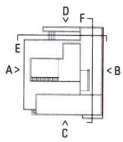
conditions and the internal facade, with the inner court serving as the central space. Surfaces designed to react to different conditions and interesting programs will adapt to various needs and situations.

ROOF & HILL Along with the inner court, elements that constitute the external space of the house include a lawn-covered roof and a hill. The design of the hill is a concept that cuts part of the nature and transplants it to the flat land, and is aimed at making the scenic natural landscape flow into the interior of the house. The landscape that begins with the ground continues up to the balcony on the third floor, which will be used for viewing sights and for various relaxation activities.

BUDDUMAK(KITCHEN FURNACE) AND SARANGBANG(DRAWING ROOM) The most peculiar aspect of this house equipped with various modern devices is the traditional kitchen and the Sarangbang(traditional drawing room) adjacent to the inner court. The heating for the Sarangbang is provided by burning wood in the Buddumak(kitchen furnace). The kitchen, decorated with bricks, has been designed to take into consideration the more traditional ways of living of the client's parents, who are accustomed to traditional housing, and is internally separated from the main building. The client would probably have wanted to provide his parents with the warmth of the ondol(under-floor heating) rather than the conveniences of a new house. Text by Kwak Hee-soo

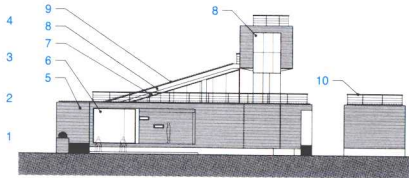


General view from the south-west

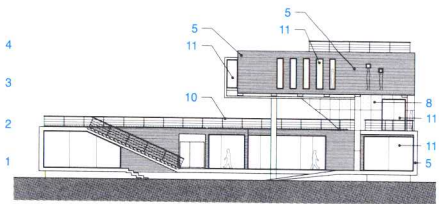


KEY PLAN

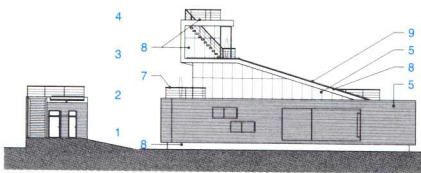
- 1 1ST FLOOR FLAT
- 2 2ND FLOOR FLAT
- 3 3RD FLOOR FLAT
- 4 ROOF FLOOR FLAT
- 5 PINE BOARD PATTERN EXPOSED CONCRETE
- 6 T24 COLOR PAIRED GLASS
- 7 OIL PAINT ON IPON HANDRAIL
- 8 EXPOSED CONCRETE
- 9 ROOF TREE PLANTING(GRASS PLANTING)
- 10 INSTALLING APPOINTED HANDRAIL
- 11 T24 CLEAR PAIRED GLASS
- 12 DRESS ROOM



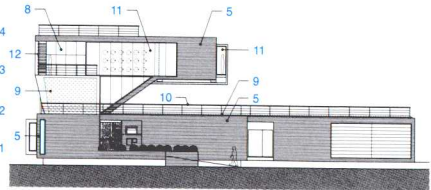
RIGHT ELEVATION A



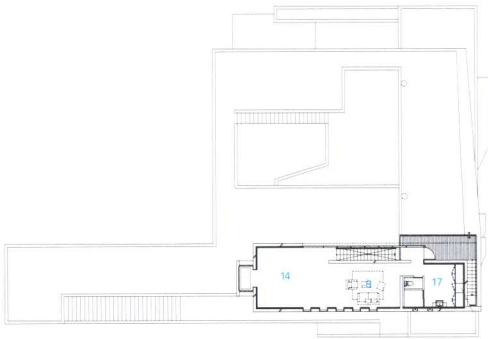
REAR ELEVATION C



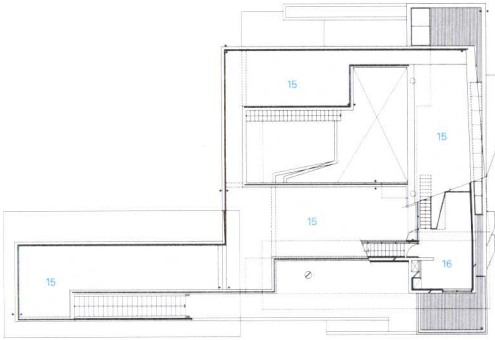
LEFT ELEVATION B



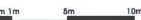
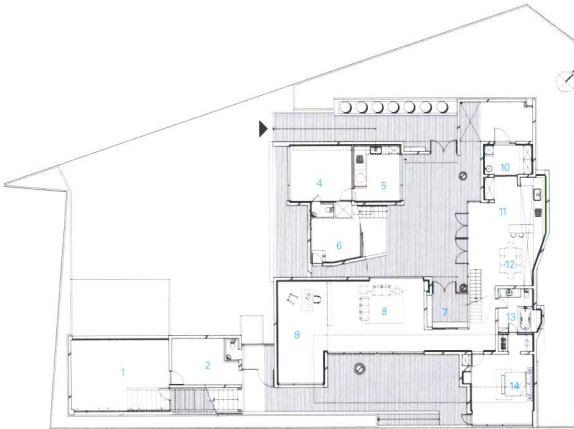
FRONT ELEVATION D



3RD FLOOR PLAN



2ND FLOOR PLAN

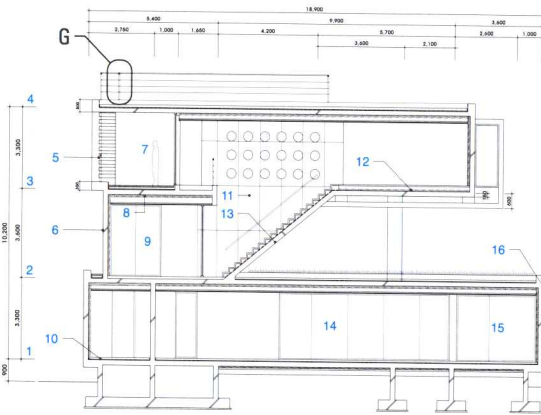


1ST FLOOR PLAN

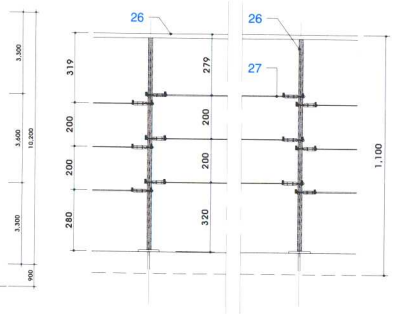
- 1 PARKING LOT
- 2 STORAGE
- 3 MAIN ENTRANCE
- 4 SARANGBANG
- 5 TRADITIONAL KITCHEN
- 6 BOILER ROOM
- 7 ENTRANCE HALL
- 8 LIVING ROOM
- 9 STUDY ROOM & GUEST ROOM
- 10 LAUNDRY ROOM
- 11 KITCHEN
- 12 DINING ROOM
- 13 BATHROOM
- 14 BEDROOM
- 15 ROOF GREENING
- 16 FAMILY ROOM
- 17 DRESS ROOM



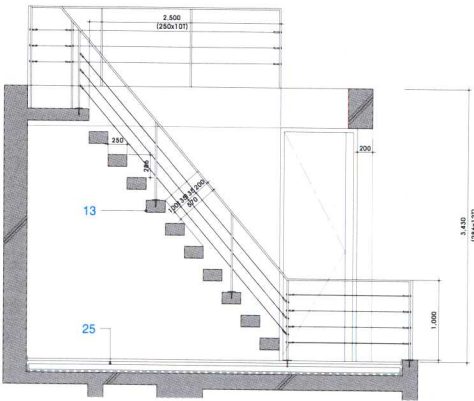
Lawn covered roof



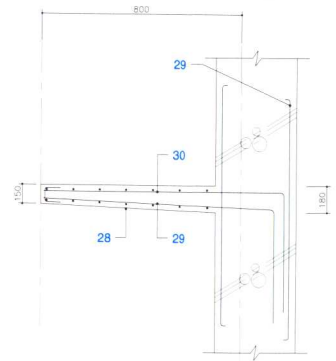
CROSS SECTION E



DETAIL G



STAIRCASE SECTION



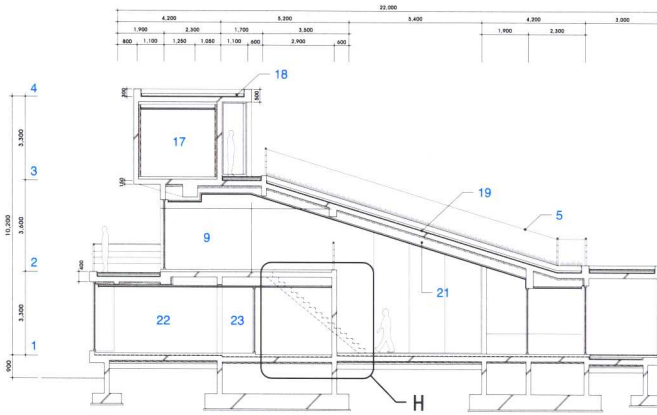
STAIR SECTION

- 1 1ST FLOOR FLAT
- 2 2ND FLOOR FLAT
- 3 3RD FLOOR FLAT
- 4 ROOF FLOOR FLAT
- 5 OIL PAINT ON IRON HANDRAIL
- 6 COLOR EXPOSED CONCRETE(BLACK)
- 7 BALCONY
- 8 T10 INSULATION / LIGHT GAUGE STEEL FRAME CEILING RIB / T9.5 GYPSUM BOARD, APPOINTED CEILING PAPER
- 9 FAMILY ROOM
- 10 SPREADING T9 ONDOL FLOOR / T110 HOT-WATERPANEL SYSTEM / INFILTRATIVE WATER-PROOFING, PROTECTIVE MORTAR

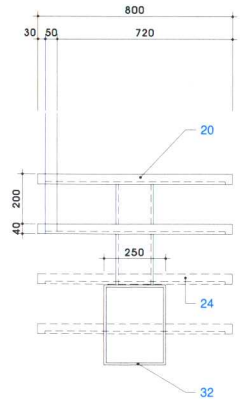
- 11 EXPOSED CONCRETE
- 12 SPREADING T9 ONDOL FLOOR / T110 HOT-WATERPANEL SYSTEM / LIGHT GAUGE CONCRETE ON INSULATION
- 13 EXPOSED CONCRETE, APPOINTED WATER REPELLENTS TWICE
- 14 LIVING ROOM
- 15 STUDY ROOM
- 16 PINE BOARD PATTERN EXPOSED CONCRETE, APPOINTED WATER REPELLENTS TWICE
- 17 BATHROOM
- 18 MECHANICAL PLASTERING / T100 PLAIN CONCRETE / SURFACE COATING WATER-PROOFING, PROTECTIVE MORTAR

- 19 GRASS PLANTING / T200 ARTIFICIALSOIL SYSTEM / T70 PLAIN CONCRETE / SURFACE COATING WATERPROOFING, PROTECTIVE MORTAR
- 20 T40 WOODPANEL, APPOINTED PAINTING
- 21 T10 INSULATION / LIGHT GAUGE STEEL CEILING RIB/ T9.5 GYPSUM BOARD TWOFOLD, VINYL PAINT
- 22 BEDROOM
- 23 DRESS ROOM
- 24 T10 STL. PL. APPOINTED PAINT
- 25 SPREADING WOOD BOARD / T100 PLAIN CONCRETE / INFILTRATIVE WATER-PROOFING, PROTECTIVE MORTAR

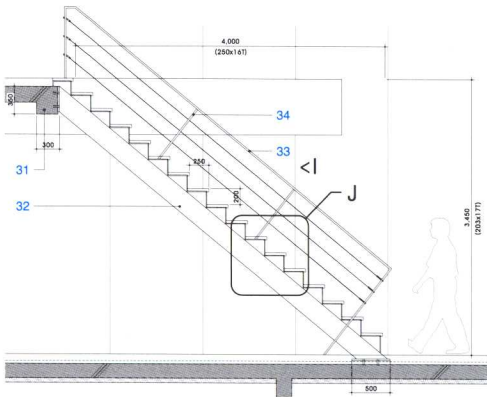
- 26 T9 SST HAIR LINE(W-60)
- 27 T3 SST WIRE ROPE
- 28 HD10@200
- 29 2-HD13
- 30 3-HD13
- 31 300X350 COVERING ESTABLISH
- 32 Ø 250X250X19, APPOINTED PAINT
- 33 W50X112 CONVEXO-PLANE, URETHANE PAINT
- 34 W50X119 CONVEXO-PLANE, URETHANE PAINT



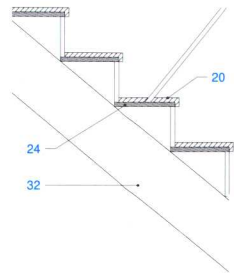
CROSS SECTION F



STAIR DETAIL I



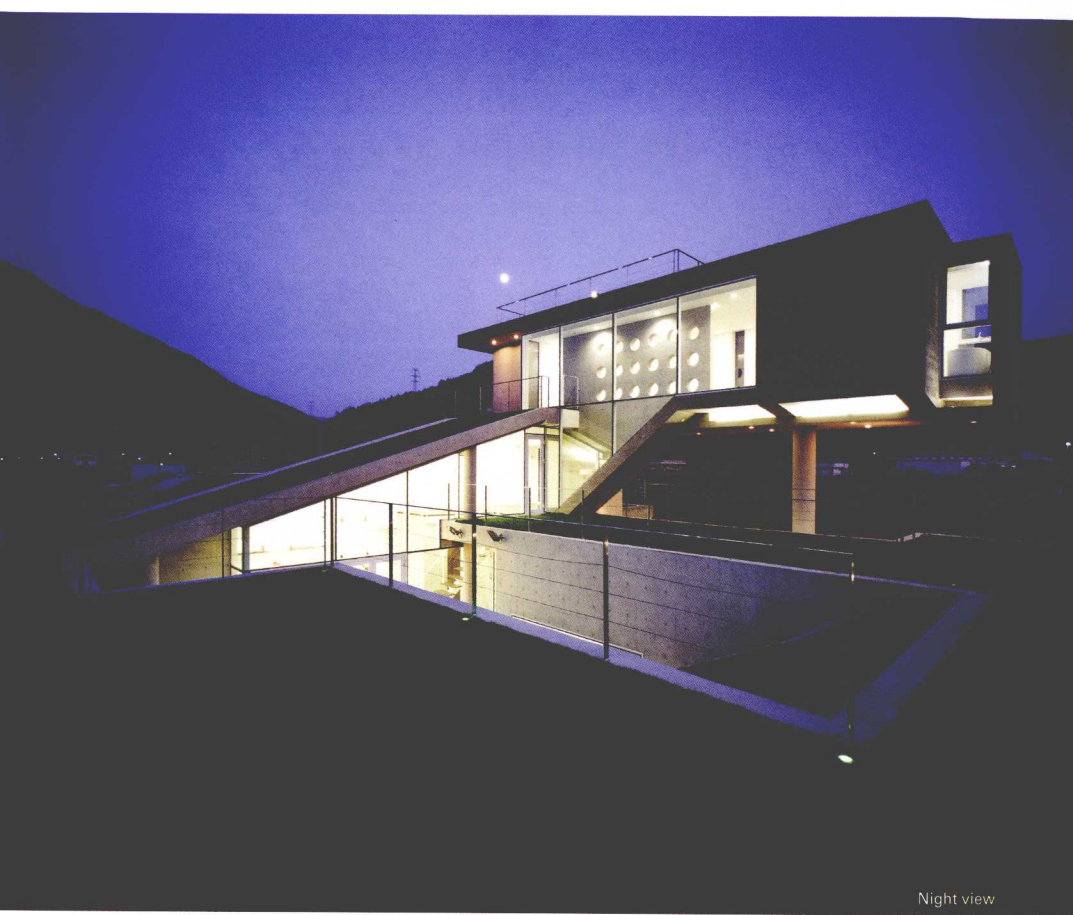
DETAIL H



DETAIL J



View from the kitchen



Night view