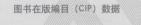


建筑地带 WOL.3

ARCHITECTURE ZONE



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Date build: 23th March 2007

This design rediscovers the traditional techniques and decorative use of Japanese paper from the Edo period. Edo-karakami is the thick paper, originally imported from China, which is patterned with ground oyster shell and mica powders and is commonly used to cover sliding doors. "Tokyo Matsuya" is a well-established company that has continued to hand-make Edo-karakami, traditional fusuma paper and Japanese traditional paper, using traditional methods. The company has also been engraving wooden blocks since the Edo period and have been involved in wholesale publishing since that time. At the lower level of the building, "seeing, knowing, and buying" is communicated upon entering the show room, and at the higher level, "living, using, and experiencing" is conveyed for multiple housing complexes. Japanese paper from the Edo period lined sliding doors and wall spiced up in modern taste. Sliding doors can be opened to refine to space. Shoji (paper sliding door) is applied to each home. Natural light shines through.

The above also relates to hanging gardens, lighting, and ventilation at the middle level. According to an old saying, "a sense of homogeneity with nature is a characteristic of Japanese traditional buildings" where communal areas are linked and consolidated homogeneously through the architecture. Even in the interior it is possible to sense the light, wind, and natural scenery of the external spaces of this high-rise building.

White wall is painted with the Japanese traditional color haijiro(ash white). Even though the appearance is modern, Japanese motifs such as louvers reminiscent of the sudare(reed screen) are adopt.

## Legends:

- 1: Traditional features of Japanese architecture such as ventilation, lighting methods, etc. were also applied to the whole building.
- 2: Even though the appearance is modern, Japanese motifs.
- 3: 2F Show Room. This space exhibits all elements made with Japanese traditional paper, such as display items, doors, windows, and screen walls, ceilings and furniture.
- 4 & 5: Model 07. The fusma can be opened to refine space.
- 6: 4F. Continuity between the exterior and interior.
- 7 & 8 & 9: Traditional elements and materials happily coexist with a modern living style in this space.
- 10 & 11 & 12 & 13: Edokarakami lined fusuma (sliding door) and washi wallpaper spiced up in modern taste.





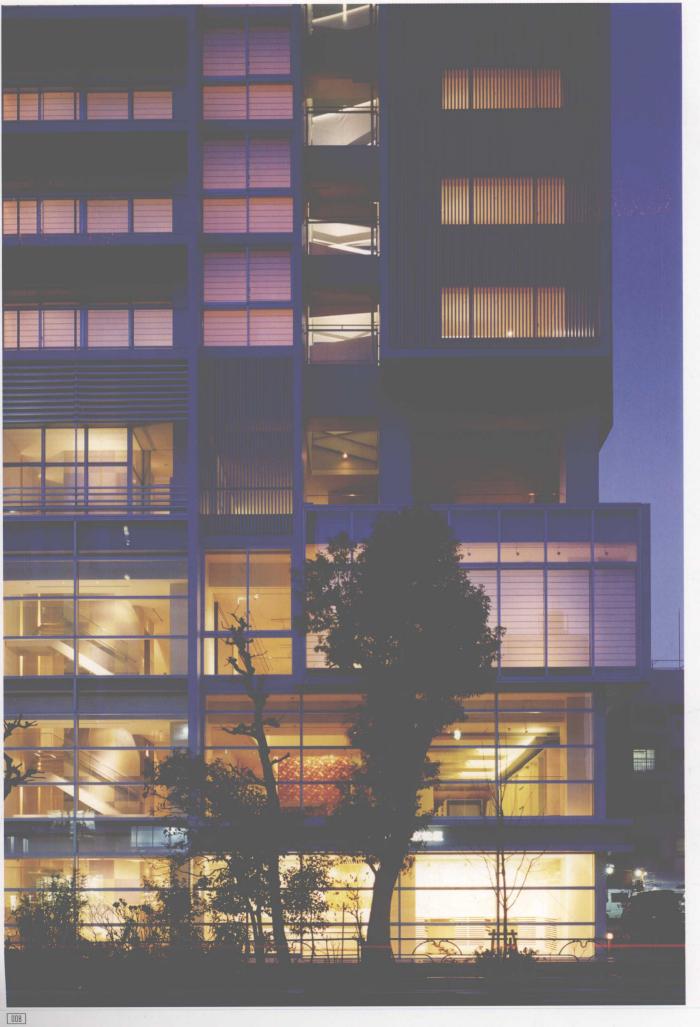




























The building is situated on a sloping terrain on the outskirts of Černín, taking the same slope into its internals for floors. The interior layout is based on alternating straight and sloping floor surfaces that create the overall spiralling character of the interior and define the building's external appearance. However, the use of the sloping floor on the ground floor is not purposeless – it is there on investor's reguest to accomodate movie projections as a small movie theatre. Windows and other openings are placed with respect of the external façade – each of the walls only has one opening. For thermal and water insulation a polyurethane spray with pink coat is used, meant as a credit to our favourite building of Versuchsanstalt fur Wasserbau und Schiffbau by Ludwig Leo.



















The VM House took shape based on an initial rendering of the simplest configuration of the project as it related to the site. Overall the site is square and bordered by two canals, so one rectangle was placed at each end of the block with a courtyard space in between. In order to orient all the apartments toward the landscape, and take advantage of both evening and morning sun entering the courtyard, we angled the plan of the buildings to ensure a different form from the building adjacent to it. Finally, due to the varying zoning height requirements at either end of the site, the V House slopes upward, while the M House steps gradually upward.

## The V House

The manipulated perimeter block is clearly defined in its four corners but opened internally and along the sides. The vis-à-vis with the neighbor is eliminated by pushing the slab in its center, ensuring diagonal views to the surrounding open fields, provides optimal air, light and views for all flats. All apartments have a double-height space to the north, and wide panoramic views to the south. The south facade of the building is characterized by individual triangular balconies, jutting out like rows of jagged shark's teeth, while the north facade is characterized by exterior walkways, allowing access to the apartments.

#### The M House

The exterior facade of the M House is clad in panels of anodized aluminum and glass, while the same interior logic applied to the V house is repeated, but broken down into smaller diagonal slabs. In this manner, the typology of the Unite d'Habitation by Le Corbusier is reinterpreted and improved upon in the following ways: the central corridors, connecting all floors and apartments, are shorter and receive light from both ends, the individual terraces are all on the south facing side of the building, and the roof terrace is accessible from the central corridors.

## **An Original Development**

Being the first residential complex constructed within the new Ørestad area of

Copenhagen, it was vital that the VM House provide an inviting living environment. The first attraction was the site's direct connection to Copenhagen's Metro system and it's proximity to Amager Fælled park. Next, in order to allow for access through the site and provide room for activites around the buildings we lifted the V House on five meter columns, opening the courtyard to the park area on the south side. We also introduced niches and angles into the facades, helping to create a series of informal meeting places. And instead of the using typical high-rise apartment low-outs, the units are designed as loft spaces. Each one is different both in width and height, allowing residents to introduce their own lifestyle into the apartments. There is also space for retail within the base of the M House and an integrated daycare center. A large abstract mural of Per Høpfner, the developer, made with standard bathroom tiles is also present on the ground floor, adding color and interest to a typically uninteresting area of such typologies.

## **Project Team**

Julien De Smedt, Bjarke Ingels

Alistair Williams, Anna Manosa, Annette Jensen, Bent Poulsen, Christian Finderup, Claus Tversted, David Zahle, Dorte Børresen, Finn Nørkjær, Henning Stüben, Henrick Poulsen, Ingrid Serritslev, Jakob Christensen, Jakob Lange, Jakob Møler, Jakob Wodschou, Jørn Jensen, Karsten Hammer Hansen, Mads H Lund, Marc Jay, Maria Yedby Ljungberg, Nadja Cederberg, Narisara Ladawal, Ole Elkjær-larsen, Ole Nannberg, Oliver Grundahl, Sandra Knöbl, Simon Irgens-Møler, Sophus Søbye, Søren Stærmos, Thomas Christoffersen, Xavier Pavia Pages

## **Project Awards**

Mies van der Rohe Prize Nomination 2007 Scandinavian Forum Prize 2006 Copenhagen's Municipality Prize 2006

