Changsha - MRD

Concepts for modern living forms for 6 urban blocks of MRD (Micro Residential District) in Chansha, P.R. China
2005 - 2009

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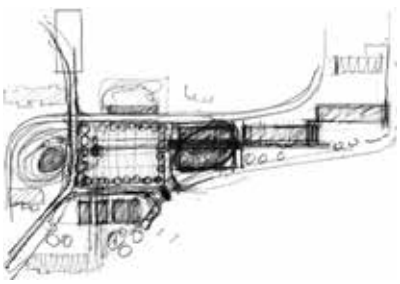
Location	Changsha, Hunan Province, P.R. China
Client	Chang Sha Hui Feng Real Estate Ltd. 17th Floor Jing Yuan Building Furong Street 279 CN-41007 Changsha, P.R. China
Architect	Pysall Ruge Architekten
Project partner	DBH Stadtplanungs GmbH, Hangzhou Shenzhen Zhonghang Property Management Co., Ltd. Zhongda Investigation and Architecture Design Institute Huayin Architecture Design Co., Ltd. Hunan Zhongyuan Construction Co., Ltd Zhejiang Geshan Construction Group
Landscape	José María Cantalapiedra Alonso Valladolid/Hangzhou
Brief	Concepts for modern living, formation of urban blocks and facade planning
Scope of Services	Design planning
Size	Urban district 23,2 ha, GFA 500.000 sqm, planning area 36.000 sqm
Duration	2005-2009
Completion	2009



Peter Ruge Architekten
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The master plan for the MRD (Micro Residential District) of Changsha provides 500.,000 sqm living space on the 23.2 hec. urban district.

In the southern part of the district, six apartment blocks with special demands regarding living concepts, sustainability, energy efficiency and ecological materials were designed by our office and are now realised.

The buildings combine the traditions of Chinese living, with a strict north-south orientation and modern living typologies in two-storey dwelling units. Connected through a void, individual spaces are located on the first floor and living spaces on the ground floor.

The apartments are fully glazed on the south sides. The projecting balconies block the sun in the summertime and allow good illumination and solar energy gain in the winter months.

The heating is produced by a low energy district heating power plant, cooling is fully natural and provided by cross-ventilation of the apartments.

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