

VOL.1

SUSTAINABLE ARCHITECTURE

Energy-Efficient & Environmental Friendly
– New Tendency of Current Buildings

COMMERCIAL + OFFICE

可持续建筑（上）

节能环保——现时建筑新方向

商业+办公

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SUSTAINABLE & GREEN AWARD: BREEAM EXCELLENT RATING

绿色节能认证：英国绿色建筑 BREEAM 认证优良级别

德国养老金老基金会新服务中心

NEW SERVICE CENTER OF THE GERMAN PENSIONS FUNDS

SUSTAINABLE & GREEN FEATURES 绿色节能特征

1. High performance heat recovery ventilation system

高效的热回收通风系统

2. Adiabat air exhaust humidification / -cooling as a preliminary cooling of the fresh air through the heat recovery system

通过热量回收系统，绝热的排气加湿和冷却作为新鲜空气的初步冷却

3. Presence dependent, demand governed control of the ventilation, heating and lighting

通风、供暖和照明都由人为需求控制

4. Demand governed air quantity control in the assembly halls by means of CO₂ sensors

礼堂的空气需求通过二氧化碳传感器控制

5. Complete heat supply and generation of refrigeration by absorption chiller by means of the district heating system from the N-Energie Nürnberg

全部的热量供给和吸收式冷冻机的制冷都由纽伦堡的 N-Energie 能源公司提供的区域供暖系统提供

ARCHITECT

BAURCONSULT Architekten

LOCATION

Nürnberg, Austria

The vivid basic concept of the building is supported through this clear facade and the window elements. The window soffits of the upper floors with their frame-like pilaster strips generate an additional plasticity.

Through their bright silver tone they set themselves off from the dark basic color of the enameled glass panels. With that the basic style of the structure is readable and the façade receives spatial depth.

The four story high building is erected on a reinforced concrete bearing structure having a basic grid dimension of 30 cm and has a full basement under it.

In this way, in an adequately sized room for the 150 women and men employees of the German Pension Funds of Northern Bavaria was created and at the same time in the design the Architect and Engineer's Office BAURCONSULT incorporated the necessary spaces for technique and storage, social rooms and a generous conference area in the third floor with lobby area preceding it.

Three stairwells and two wheelchair accessible elevators connect the single floors together. In addition to these, a freight elevator that connects the ground floor with the basement is available.

The modern metal-glass facade with a well-insulated casing corresponds with an efficient energy engineering design.

Also in conjunction with it also the rainwater that will be collected in retention basins and there will seep away into the groundwater. Immediately in front of the main entrance there is a bus stop; a subway station that is approx. 500 m away.

A second entrance was constructed to the west of the building and offers a quick access to the parking lots, which were located there with an access from the exterior Bayreuther Road.

The property to the east with its trees and bushes creates a charming park atmosphere.

A walkway and seating accommodations round off this green area. The northern building wing is extended by accented tree planting up to the street and concludes so the outer edges of the entrance area.

Based on the thoughts to the functions of a public building the Architect and Engineer's Office BAURCONSULT have created the design for the new service center of the German Pension Funds of Northern Bavaria and architecturally converted these thoughts.





建筑简洁的立面与窗户设计突出了建筑生动的设计理念。上层窗户挑檐利用壁柱作为边框，具有形体塑造感。亮银色的设计使其从深色的釉彩玻璃中脱颖而出。由此，建筑结构得以显现，建筑表皮更具空间深度。这座四层的建筑使用钢筋混凝土结构，以30cm为模数，并设置了全间地下室。建筑在为150名男女员工提供办公空间的同时，还置入了必要的设备、存储空间、社交空间，在三楼设有大型会议厅与前厅。三部楼梯与两部无障碍电梯串连起各个楼层。除此之外，首层与地下室通过一部货梯连接。

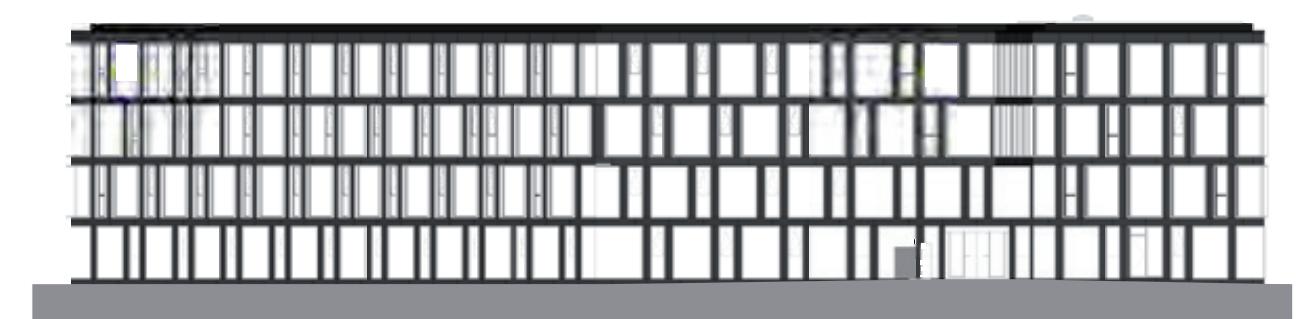
现代金属嵌板表皮、良好的绝缘层与高效的能源设备共同作用。此外还设有雨水贮存池，将其排放至地下水系统中。

建筑主入口旁即为公交站，500m处设有地铁站。建筑西侧与 Bayreuther 路连接处设有一处次入口，能够便捷的进入地下车库。建筑东侧的数目与灌木形成了独具吸引力的小公园。建筑北侧体量通过特色树木向外延伸，划分出入口区的边界。

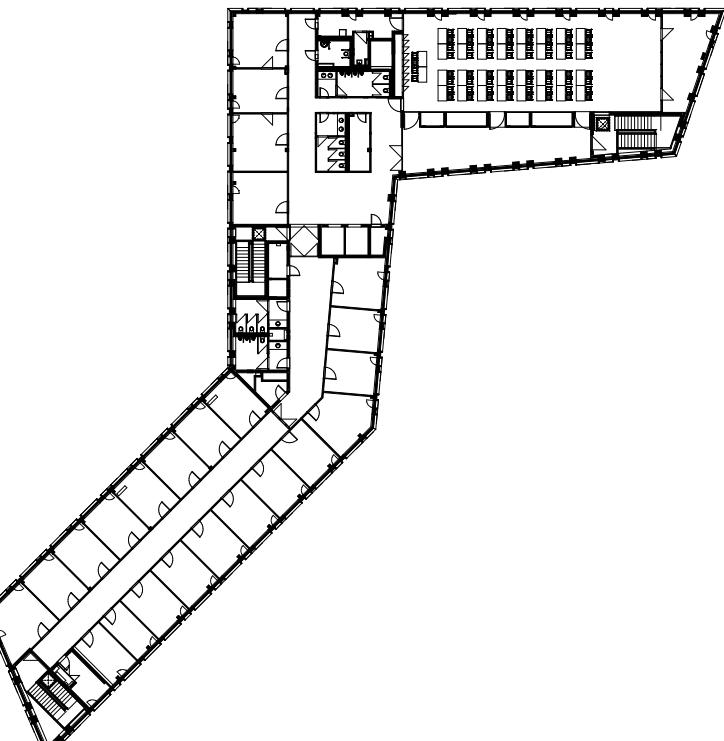
BAURCONSULT 建筑工程公司基于公共建筑的功能设计了北巴伐利亚州德国养老金基金会新办公楼，并用建筑的方式将其实现。



Elevation North

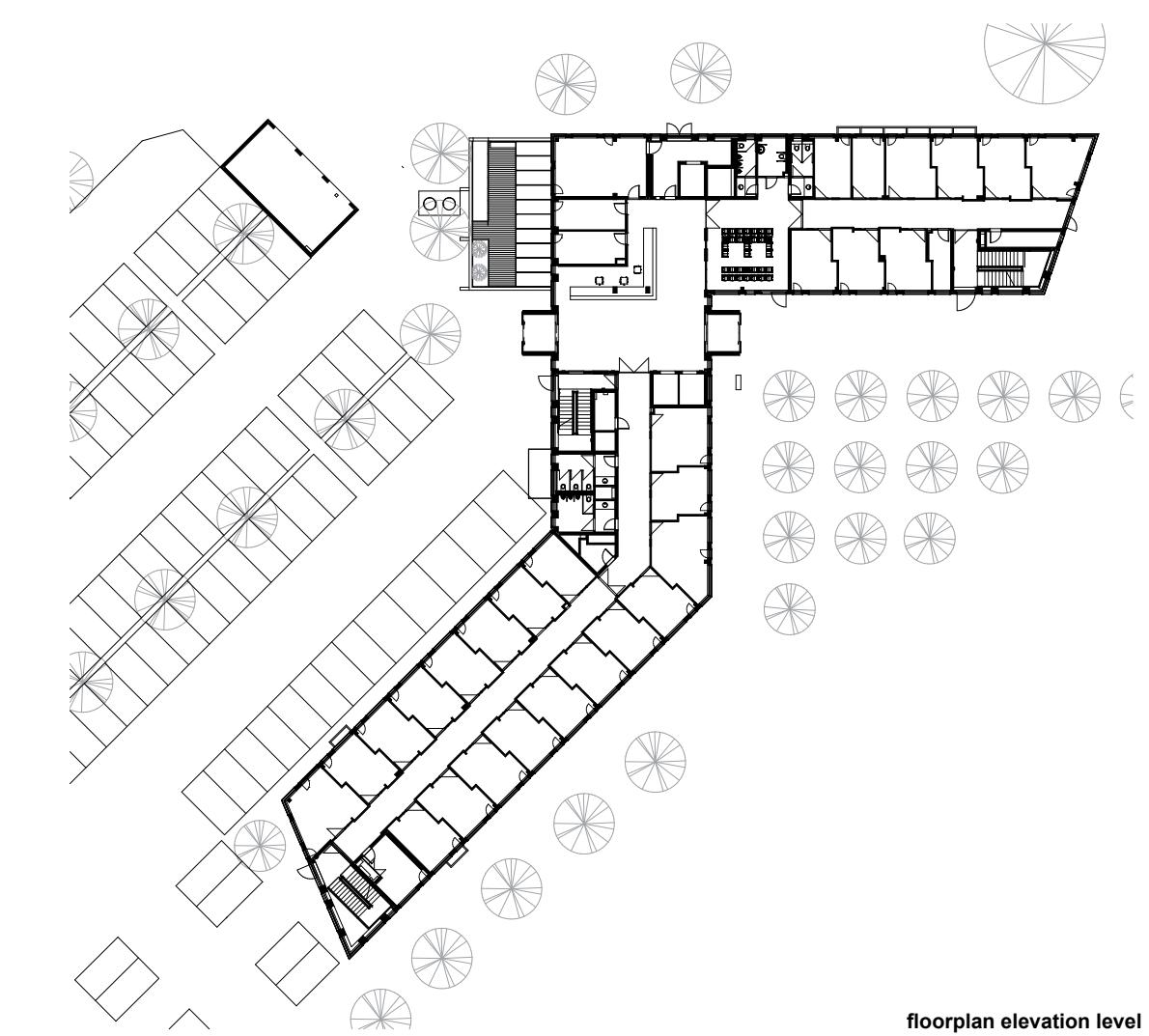


Elevation East



floorplan 3th level





floorplan elevation level



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定价: 000.00 元 (精)