

解读回顾

Location

Essen, Germany

Footprint: 35 x 35 m

Height: 34 m

Date 2003 to 2006

Climate

Cold Temperate



Designer

SANAA, Tokyo, Japan

Building Type

School and Academic

Context

Campus Context

Architectural Style

Modern

016 Zollverein School
of Management and Design

The new buildings would need to reference this history while, at the same time, possessing a unique, modern character of their own.

SANAA



场 地

原型：立方体



功能分区

By varying the ceiling heights each fl

future garden



workspaces



library



design studio



public spaces –
cafeteria,
exhibition spaces





大堂



大息厅



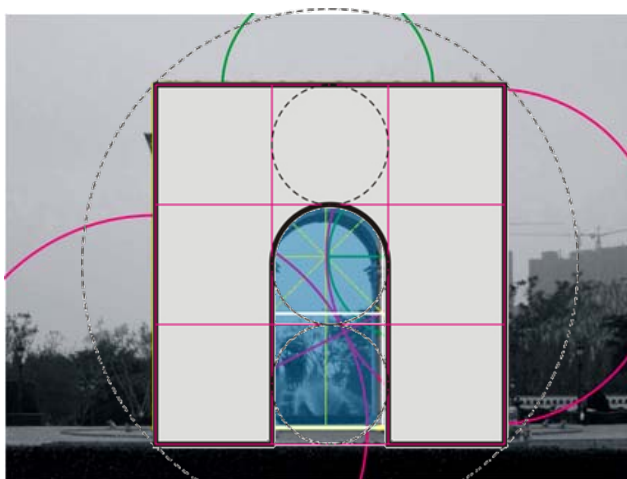
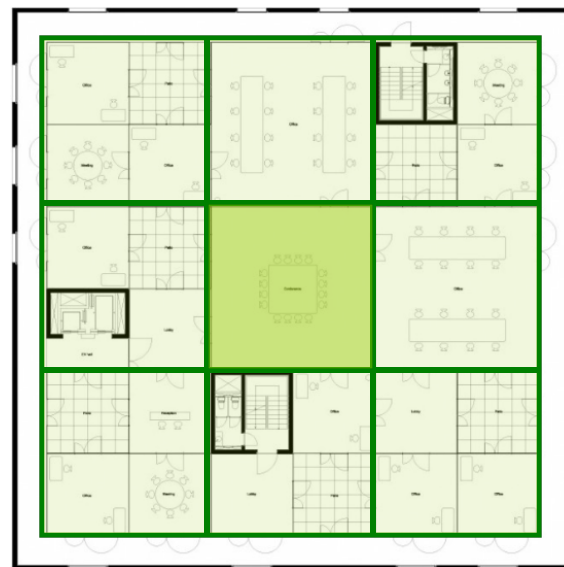
Photo: © Thomas Meyer



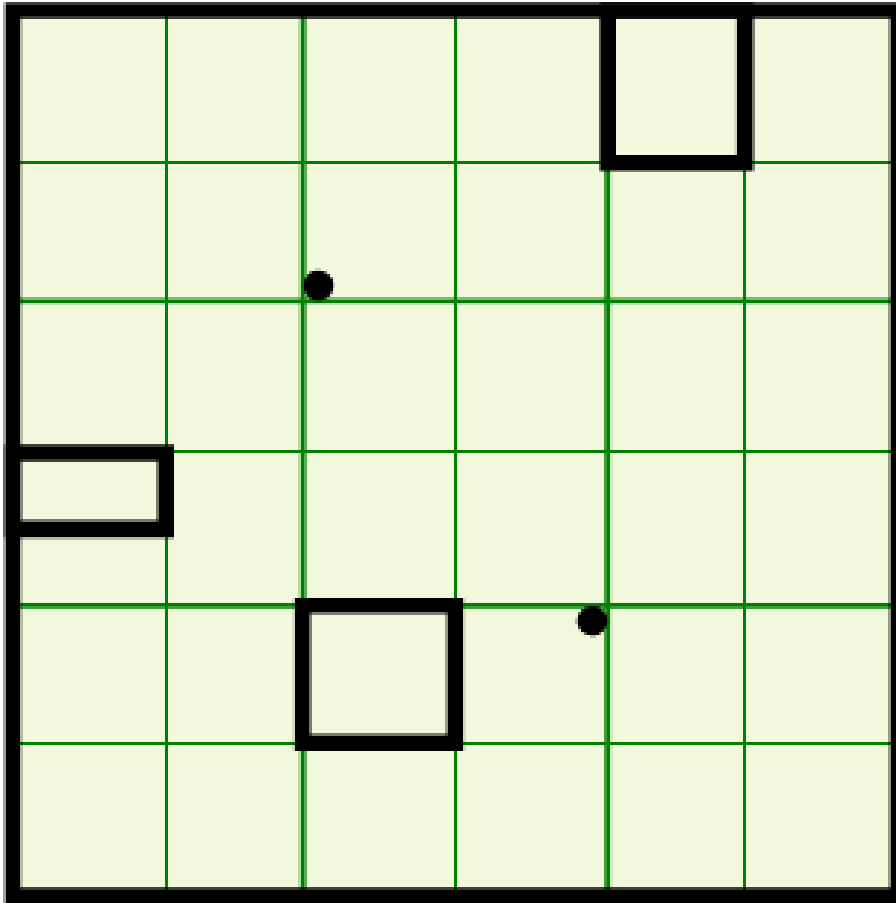
cityup.org

平面形式：九宮格

四二为肩，
八六为足，
左三右七，
帶九屨一，
五居中央。

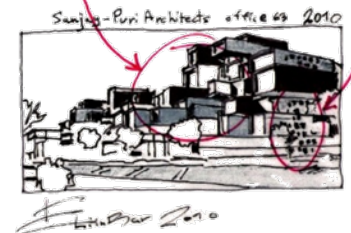
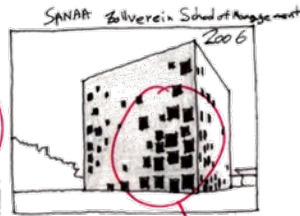
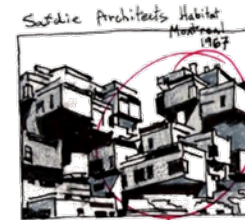
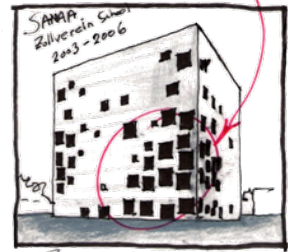
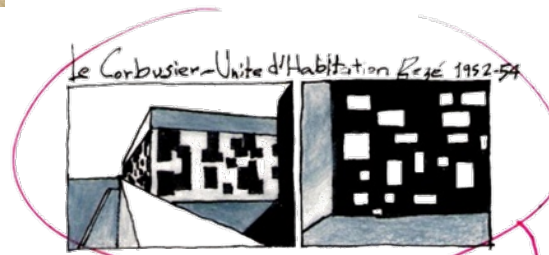


承重





Someone had
built
it before





Inspired by a hole in a façade. . .

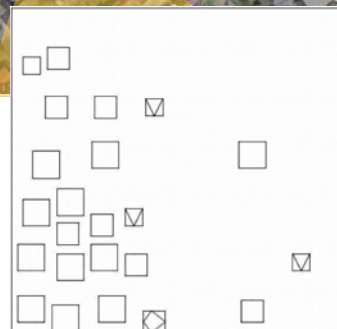
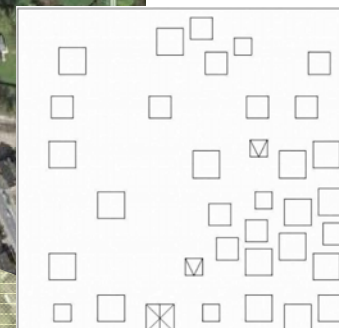
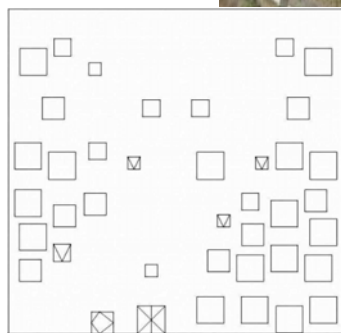




总S=287.24
窗S=45.27
15%



总S=287.24
窗S=55.24
19%



总S: 287.24
窗S: 34.48
12%

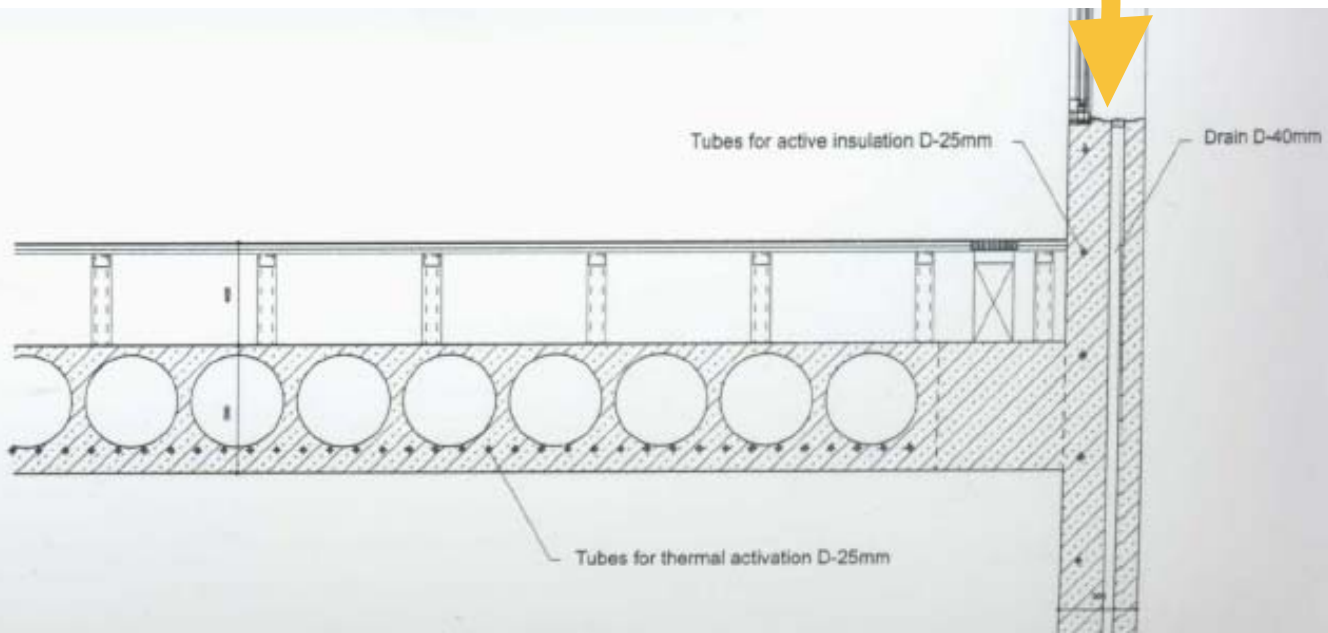
总S: 287.24
窗S: 51.62
19%

采光



排水&通风

Detalle de sección vertical
Vertical section detail

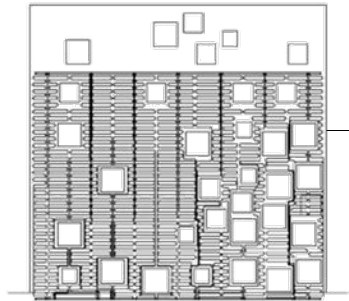
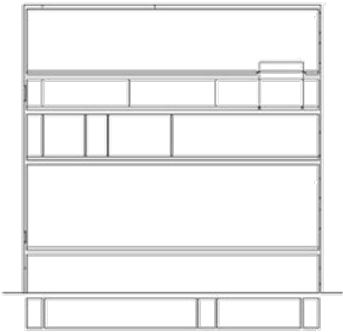


Heating Method

– Building uses water pumped from nearby, out of use coal mine

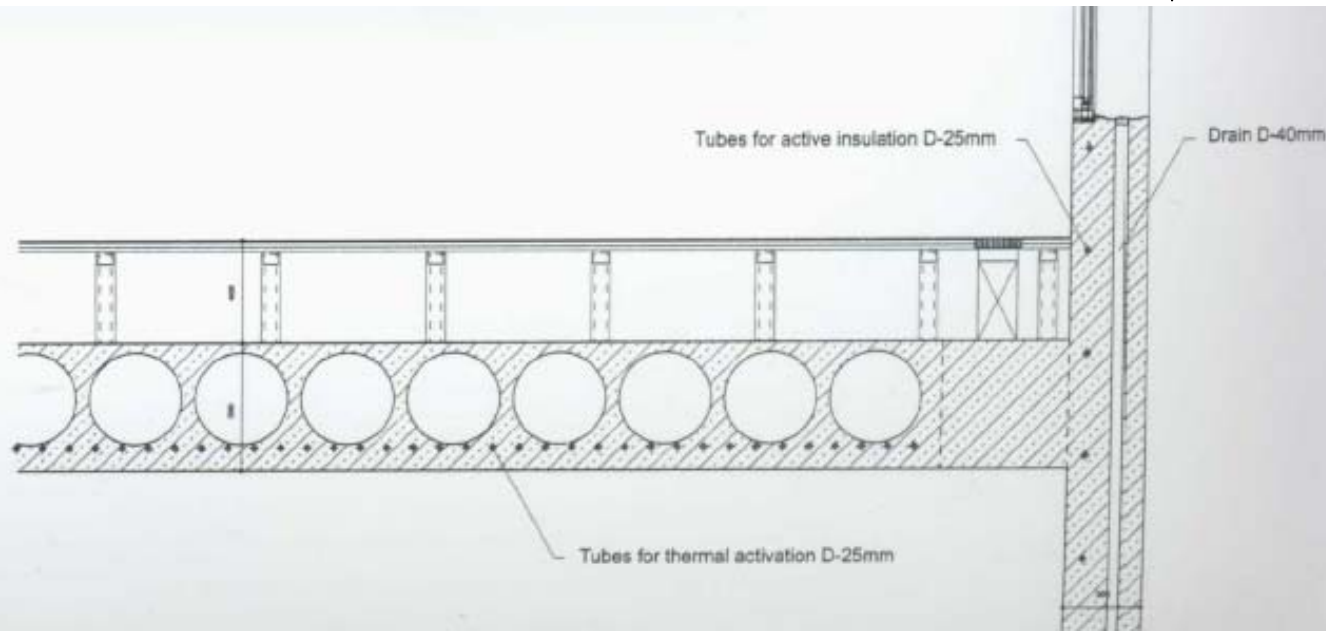
– The water maintains an average of temperature $29^{\circ}\text{C}/82^{\circ}\text{F}$ naturally.

– Inside temperature is around $18^{\circ}\text{C}/^{\circ}\text{F}$.



供暖

Detalle de sección vertical
Vertical section detail







谢谢

参考资料：EL Croquis 139

www.arcspace.com