Zeitschrift: IABSE reports = Rapports AIPC = IVBH Berichte

Band: 55 (1987)

Artikel: Business centre of Naples

Autor: Apollonj Ghetti, Giulio / Cestelli Giudi, Massimo

DOI: https://doi.org/10.5169/seals-42831

Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften auf E-Periodica. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. Das Veröffentlichen von Bildern in Print- und Online-Publikationen sowie auf Social Media-Kanälen oder Webseiten ist nur mit vorheriger Genehmigung der Rechteinhaber erlaubt. Mehr erfahren

Conditions d'utilisation

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. La reproduction d'images dans des publications imprimées ou en ligne ainsi que sur des canaux de médias sociaux ou des sites web n'est autorisée qu'avec l'accord préalable des détenteurs des droits. En savoir plus

Terms of use

The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. Publishing images in print and online publications, as well as on social media channels or websites, is only permitted with the prior consent of the rights holders. Find out more

Download PDF: 21.11.2025

ETH-Bibliothek Zürich, E-Periodica, https://www.e-periodica.ch



Business Centre of Naples

Quartier des affaires de Naples

Geschäftszentrum von Neapel

Giulio APOLLONJ GHETTI Dep. Gen. Manager Mededil S.p.A. (Iri-Italstat) Naples, Italy

Massimo CESTELLI GUIDI Structural Engineer Mededil S.p.A. (Iri-Italstat) Naples, Italy

1. THE PROJECT

The Business Centre of Naples (Middle-South of Italy) is a big business quarter under construction in the central-eastern zone of the city, and it is bound to become a pole of attraction for all the administrative and trade activities, both for the city of Naples and for the whole region.

The project, that is at the moment well ahead whith its realization, is work of the architect Kenzo Tange as for the planimetric and volumetric town-planning, and it represents one of the most advanced town-plannings in Italy and Europe.

The total area of the district is about 1.100.000 square metres, subdivided in the following destinations:

- private building or organizations of public right;
- public building (Hall of Justice, Regionale Administration Offices, City Hall, Fire-brigade Department, schools, churches etc.);
- public infrastructures (streets, parking-lots, railway station, parks).

The building areas are subdivided in 18 sectors, each divided in lots to which the plano-volumetric project assigns the volume ad shape of the buildings.

The provided typology of the buildings is distinguished in "towers" (height 50, 70 and 100 metres) and "plates" (height 25 meters).

The destination of private building is mostly for services (professional offices, insurances, banks etc.), but a part is provided for dwelling as well. Many trading centres are provided, throughout the Business Centre.

The most interesting distinctive feature of the infrastructure is represented by the foot-traffic articulated at a height of 12 metres on the sea level, and a system of car-traffic at a height of 5.0 metres on the sea level.

The system of parking-lots is articulated in two underground levels at a depth of 5.0 adn 8.50 metres, for 25.000 places in all, of which 10.000 for pubblic use. Private parkings are located in the basements of the sectors for use of each lot, whereas the public parkings are located at the street sides and under



the foot-traffic.

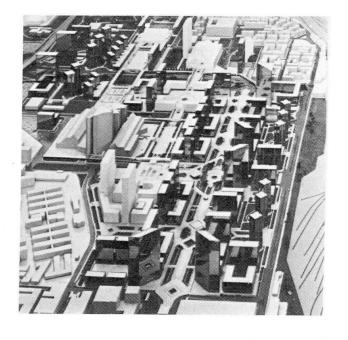
The Business Centre is served by two railway lines, the Circumvesuviana and the Alifana, that cross the district underground with two stations within it. The first railway line functions as an extra-urban underground in connection with the Neapolitan hinterland, the second line as a city underground and also as a extra-urban line to Piedimonte d'Alife .

2 THE CONCRETE STRUCTURES

The area of the Business Centre is a seismic one, in the lower class among those included in the italian seismic code. It has been done an integrative study about the seismic risk of the place and about the foreseen local amplification of the forces.

The infrastuctures are all built in concrete. Among these the pre-fabricated ones for the traffc system are remarkable, and they have been jointed and made continuous by integrative castings during construction. The tunnels of the railway lines underground and the station are built with concrete watertight walls for they are plunged in the natural stratum.

Many concrete structures of the buildings are remarkable among which those of the Hall of Justice (1.000.000 cubic metres), are the most distinguishing in the architecture of the buildings.





Business Centre of Naples