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**Business Centre of Naples**

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Geschäftszentrum von Neapel

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**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 with 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 and shape of the buildings.

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

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 and 8.50 metres, for 25.000 places in all, of which 10.000 for public 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.

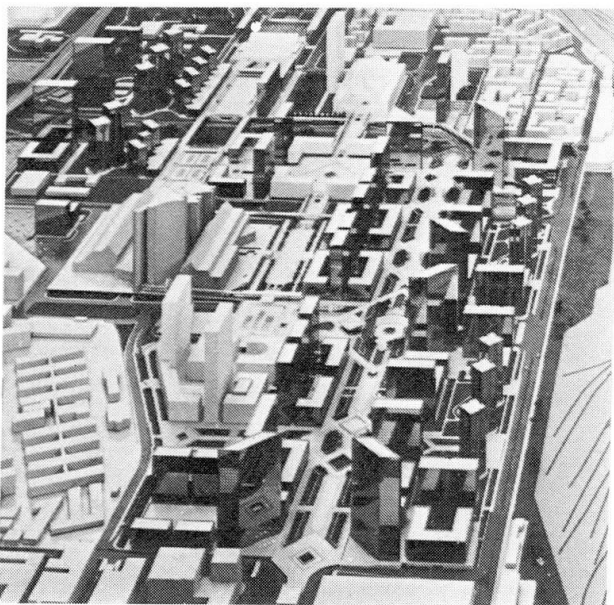
The Business Centre is served by two railway lines, the Circumvesuviana and the Alifana, that cross the district underground with two stations within it. The first railway line functions as an extra-urban underground in connection with the Neapolitan hinterland, the second line as a city underground and also as an 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 infrastructures are all built in concrete. Among these the pre-fabricated ones for the traffic 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

MODEL

SITE