



UNDERGROUND CAR PARK

PIAZZA PRIMO MAGGIO

UDINE | ITALY

Category 1 | New parking Structure | Park Primo Maggio | Udine (Italy)

SPACIOUS ENTRANCE TO THE UNDERGROUND PARKING AREA

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A new parking concept with a new vision of the parking space

A new parking concept in its very structure with a new vision of the parking space characterized by the absence of pillars through the use of precast prestressed beams up to 16 meters in length giving ample space to manouver, a one-way road system entry and exit and with a lane width of 6 meters in descent and 5 meters in ascent and heated external ramps.

The arrangement of parking spaces has the advantage of allowing users to immediately locate a free place and access it with ease without slowing down the flow of cars following behind while at the same time to reach further adjacent spaces at different levels.

In this way the car park fills in an orderly manner since the user occupies the first free space closest to the entrance, that is: in order of availability, until all parking spaces are filled.



Spacious, bright, comfortable...

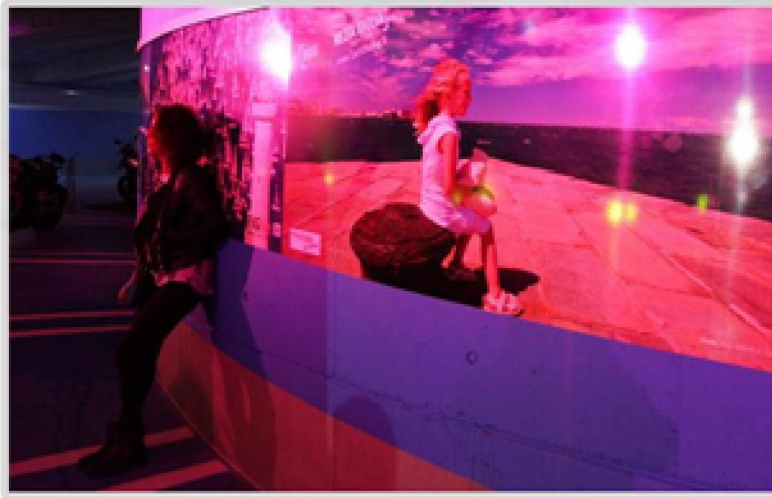
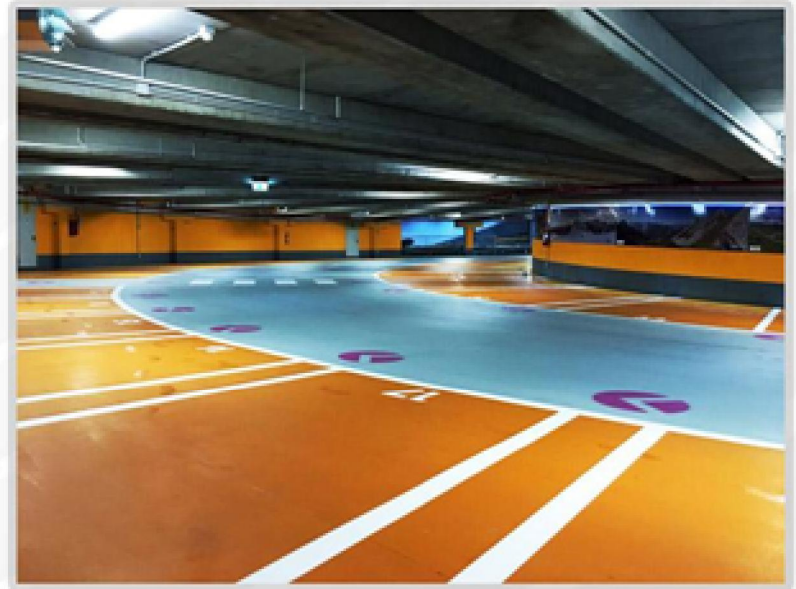
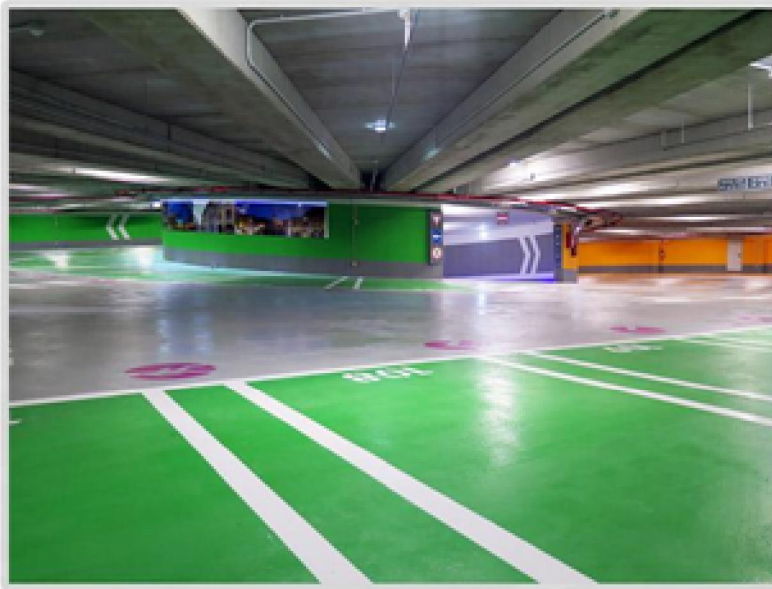
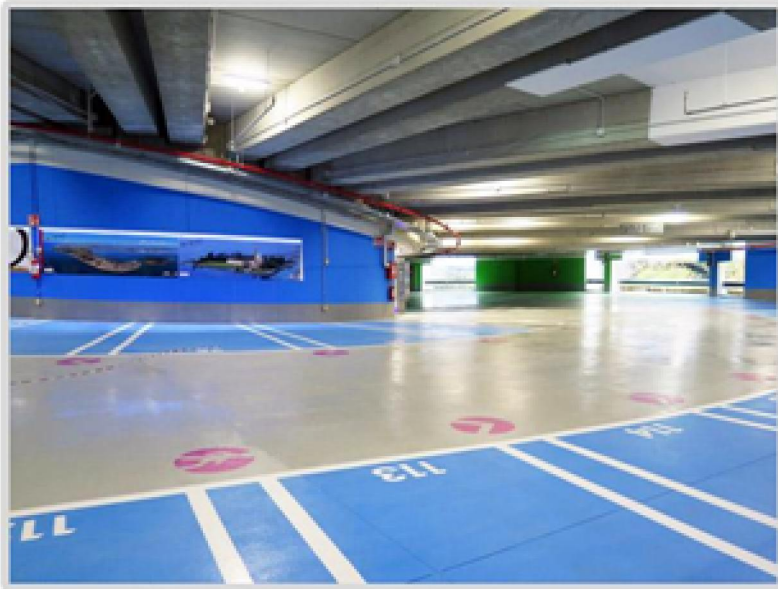
From each level you can access the helical formed exit lane, within the circular system, that is both independent and one-way, thanks to its geometric formation and its low average gradient of 7% -8%, allowing you to quickly exit from the car park. Intelligent electronic management system **DALI "Digital Addressable Lighting Interface"**, sustainable mobility thanks to the installation of **6 next-generation recharging columns** for electric cars.

Surveillance and security with **94 digital CCTV system points**, **12 SOS alarm call digital stations** with voice activation and remote alarm and alert system with centralized supervision controlled by the SSM operations centre.

SKIDATA access control system with three access routes including one reserved exclusively for pass holders and 2 exit routes equipped with **RFID tag technology**.

For payments two cash machines have been placed near the main stairwells and a manual paydesk at the operation centre building as well as scanners that allow pedestrian entrance and for cars to be picked up within 24 hours.





NUMBER OF PARKING SPACES			
	PLACES	DISABLED P.	TOTAL
LEVEL -1	124	4	128
LEVEL -2	119	2	121
LEVEL -3	136	2	138
TOTAL	379	8	387

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ACCESS CONTROL

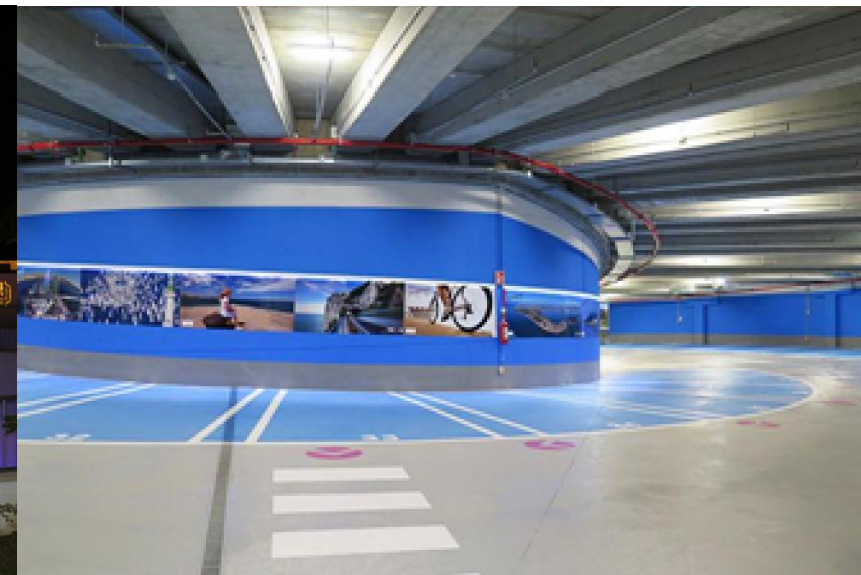
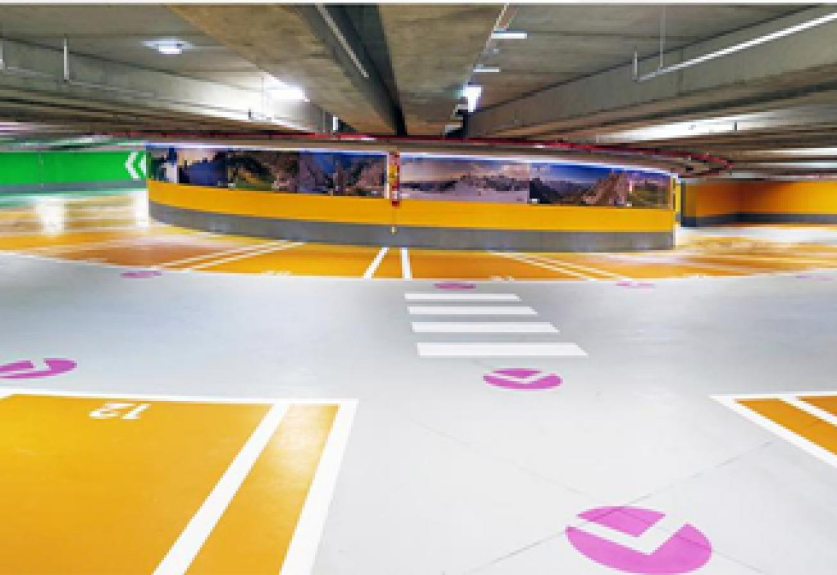
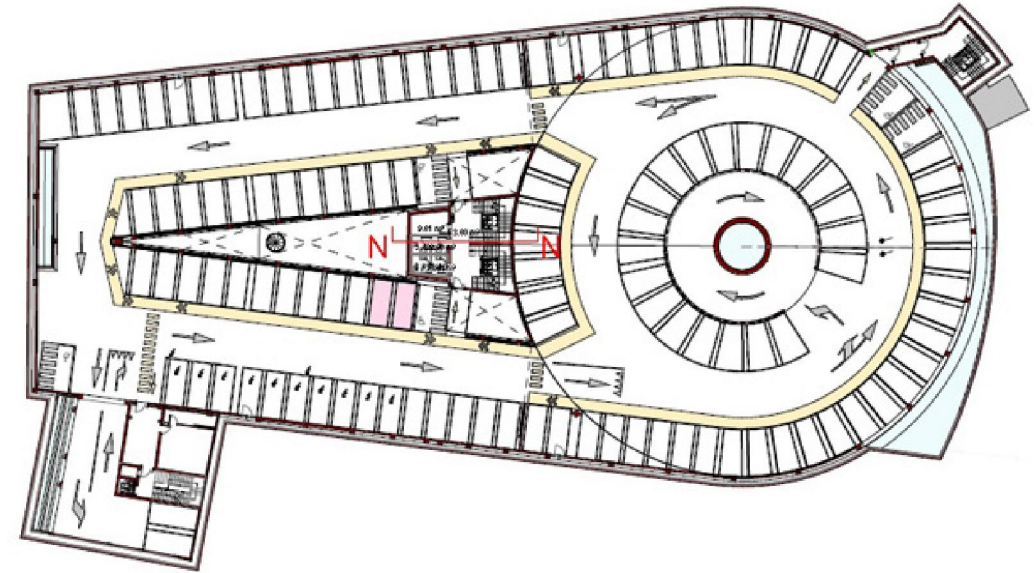
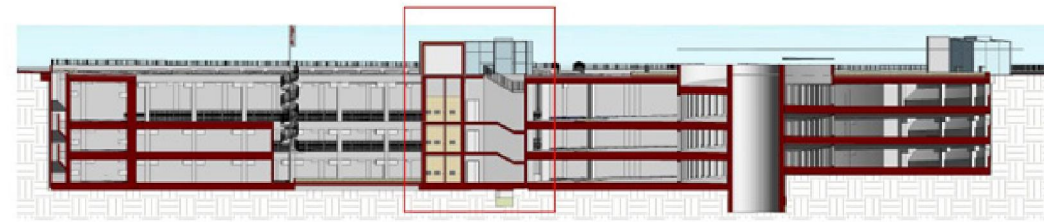
- access system control of the latest technology:
 - three entrance lanes, two of which for the entry of occasional users and pass holders, and one only for pass holders;
 - 2 output paths;
 - technology "RFID Tag" for automatic opening of the barriers to the pass holders;
- two automatic cashiers and 2 ticket scanners for H24/7 pedestrian entrance.



PARKING STRUCTURE

- the absence of pillars and large spaces for cars;
- one-way traffic, incoming and outgoing;
- lanes width of 6 meters in descent and 5 meters in ascent;
- heated entrance and external ramps.

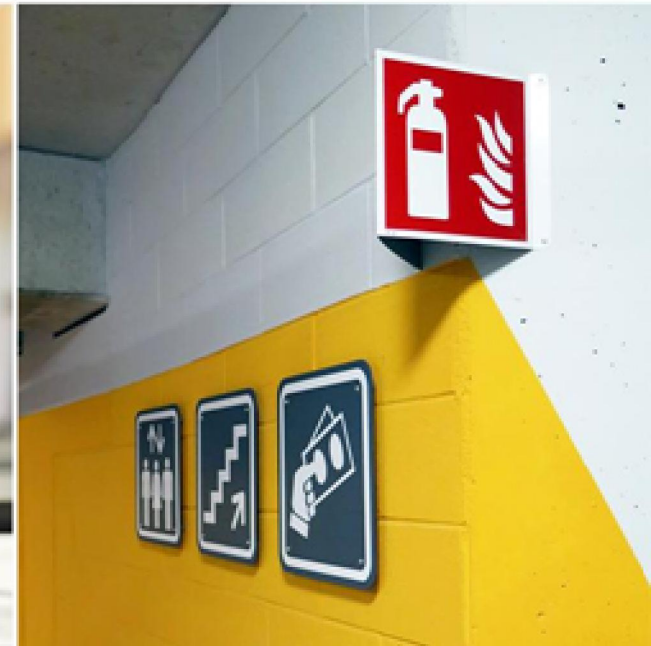
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TECHNOLOGY

- CCTV system with 94 IP cameras of 3 M.pixel;
- 12 digital SOS alarm stations with voice-activated system;
- remote alarm and alert system with centralized supervision;
- background music in the car park.

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ENERGY

- The LED lighting installation DALI "Digital Addressable Lighting Interface" technology with intelligent electronic system luminous flux management for single lamp allows a reduction of about 50% of energy consumption in relation to a traditional car park;
- 6 recharging columns for electric cars, a new generation system of alternating current in MODE 3 "PWM", mandatory for Public Environments.

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INTERNAL SIGNS

- different colors of walls and spaces for each level;
- numbered parking spaces;
- pedestrian routes along the ground;
- 6 pink spaces dedicated to women.

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