"CentAirStation" airport concept
Technical data sheet

Dimensions

Building length	640 m
Building width	90 m
Building height	10 m per level
Min. no. of levels required	4

Capacities

Annual passenger capacity	10.5 million
Gate positions	15
Overnight parking positions	22
Backup and emergency	8

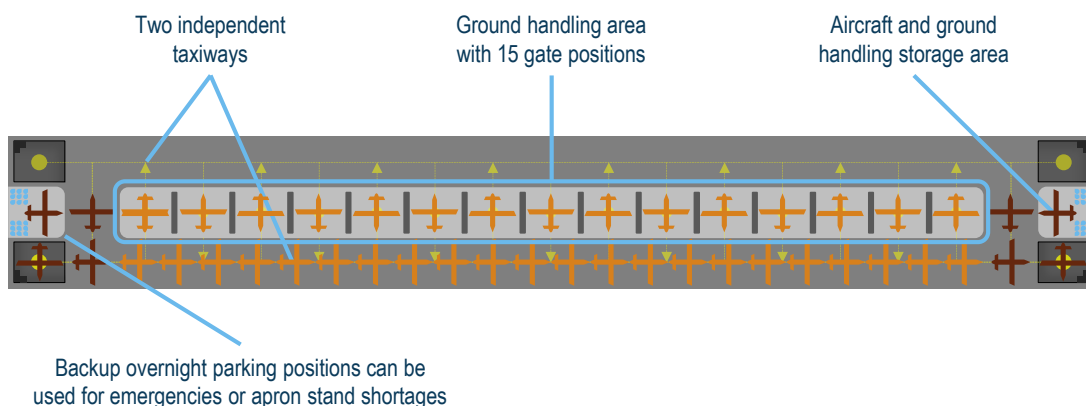### Passenger processing times

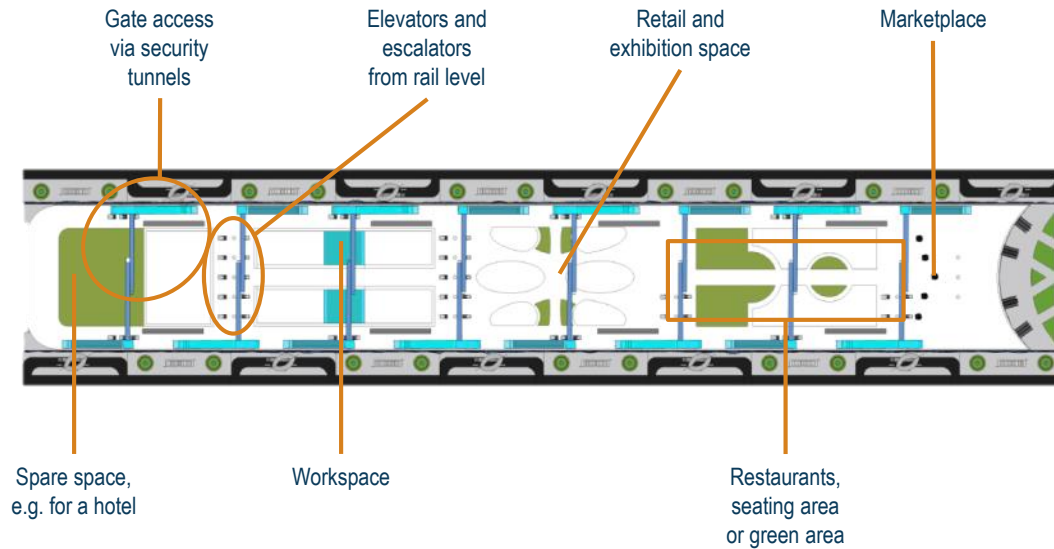|	
Departing passenger (from arrival at CentAirStation to take-off of CityBird)	15 minutes
Arriving passenger (from de-boarding of CityBird to exit of CentAirStation)	10 minutes

Runway level

Elevator system (redundant at both ends of the runway)

Noise shields

Runway lights

Taxi robots

Safety hook

Pervious concrete

Catapult for take-off assistance

Apron level

Two independent taxiways

Ground handling area with 15 gate positions

Aircraft and ground handling storage area

Backup overnight parking positions can be used for emergencies or apron stand shortages
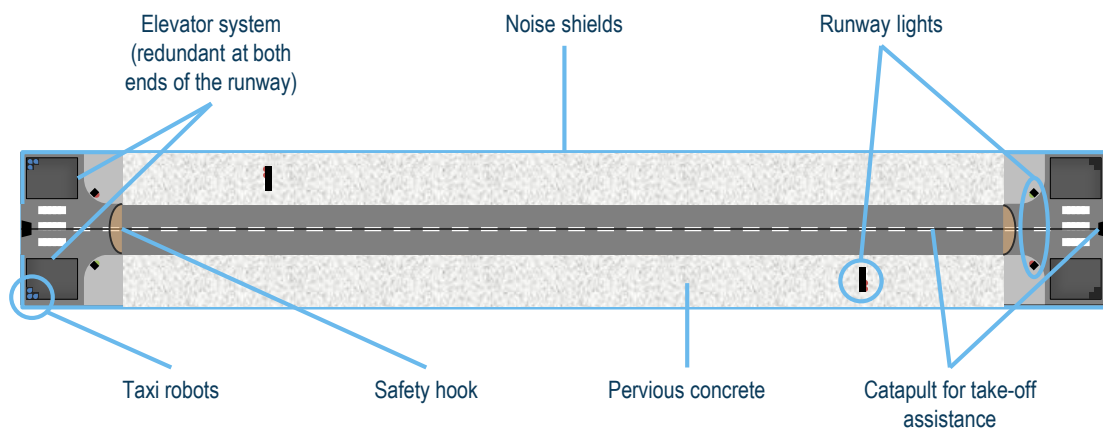
"CentAirStation" airport concept
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Public level

Gate access via security tunnels

Elevators and escalators from rail level

Retail and exhibition space

Marketplace

Spare space, e.g. for a hotel

Workspace

Restaurants, seating area or green area

Rail level

Elevators and escalators to the public level

Rail tracks and platforms

Public access by foot, bike, bus or taxi
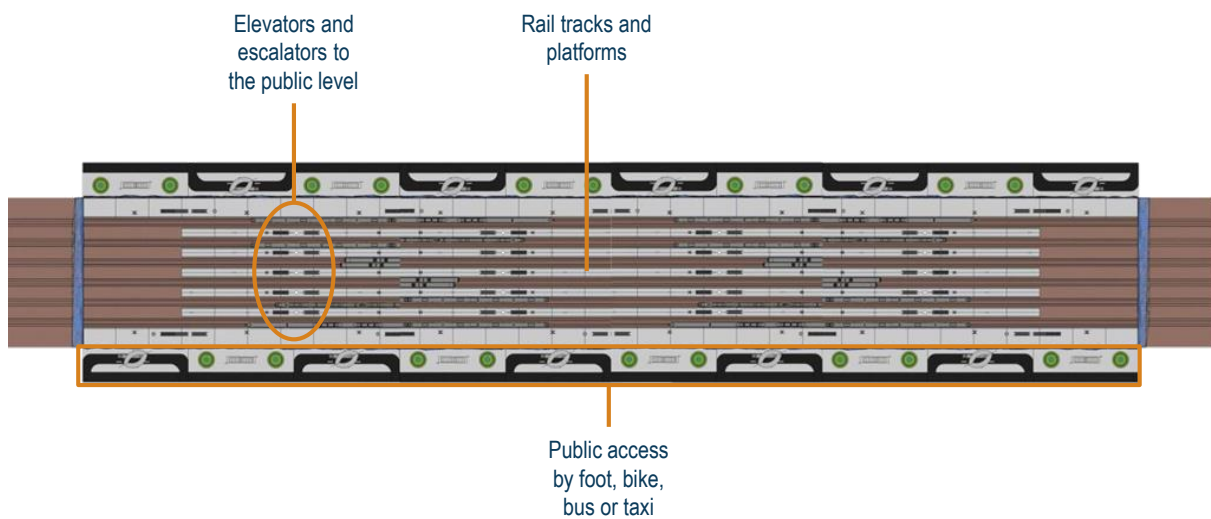
Key features

» Enables additional passenger capacities at major hub airports
» Operates 16 hours a day with an average of 30 CityBird movements per hour
» Improves connectivity for city centre residents
» Predominantly vertical passenger routes allow very short processing times