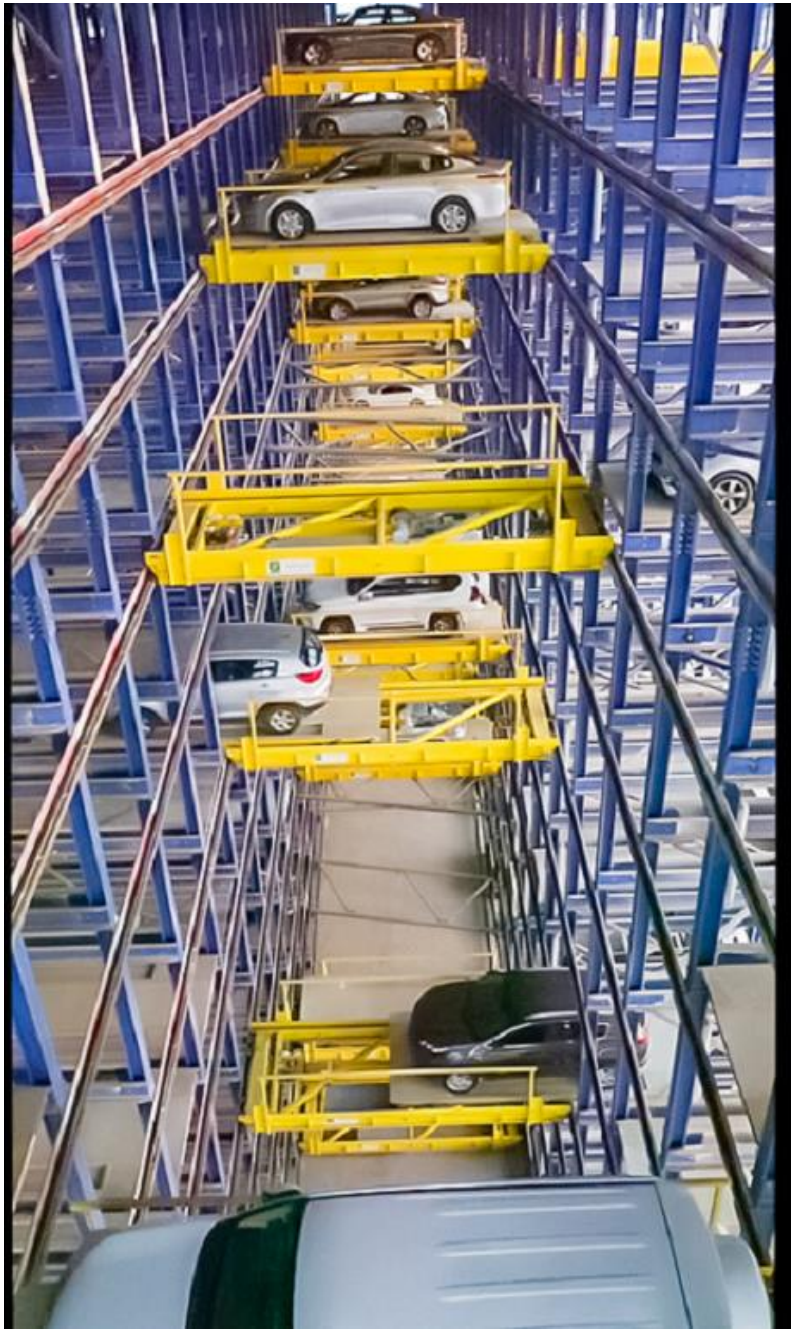


Robotic Parking Systems, Inc.

Always Ahead™

The NEW

“Par(k)adigm”

LARGEST AUTOMATED
PARKING FACILITY

LARGEST AUTOMATIC PARKING WORLDWIDE

2,300 SPACE FACILITY AL JAHRA COURT COMPLEX

WHY WAS IT BUILT ?

- Safety and security
- Environmentally sensitive
- Restricted land use
- Premium valet service
- Shortest walk to court
- No “searching for my car”
- Cost effective

ROBOTIC PARKING SYSTEMS
HOW DOES IT WORK

Robotic Chauffeurs

Cars parked at a robotic garage in Hoboken ride to their computer assigned parking spaces atop a pallet. The pallet is moved by motorized carrier on and off an elevator and then on and off a platform that moves laterally to align with the designated space.

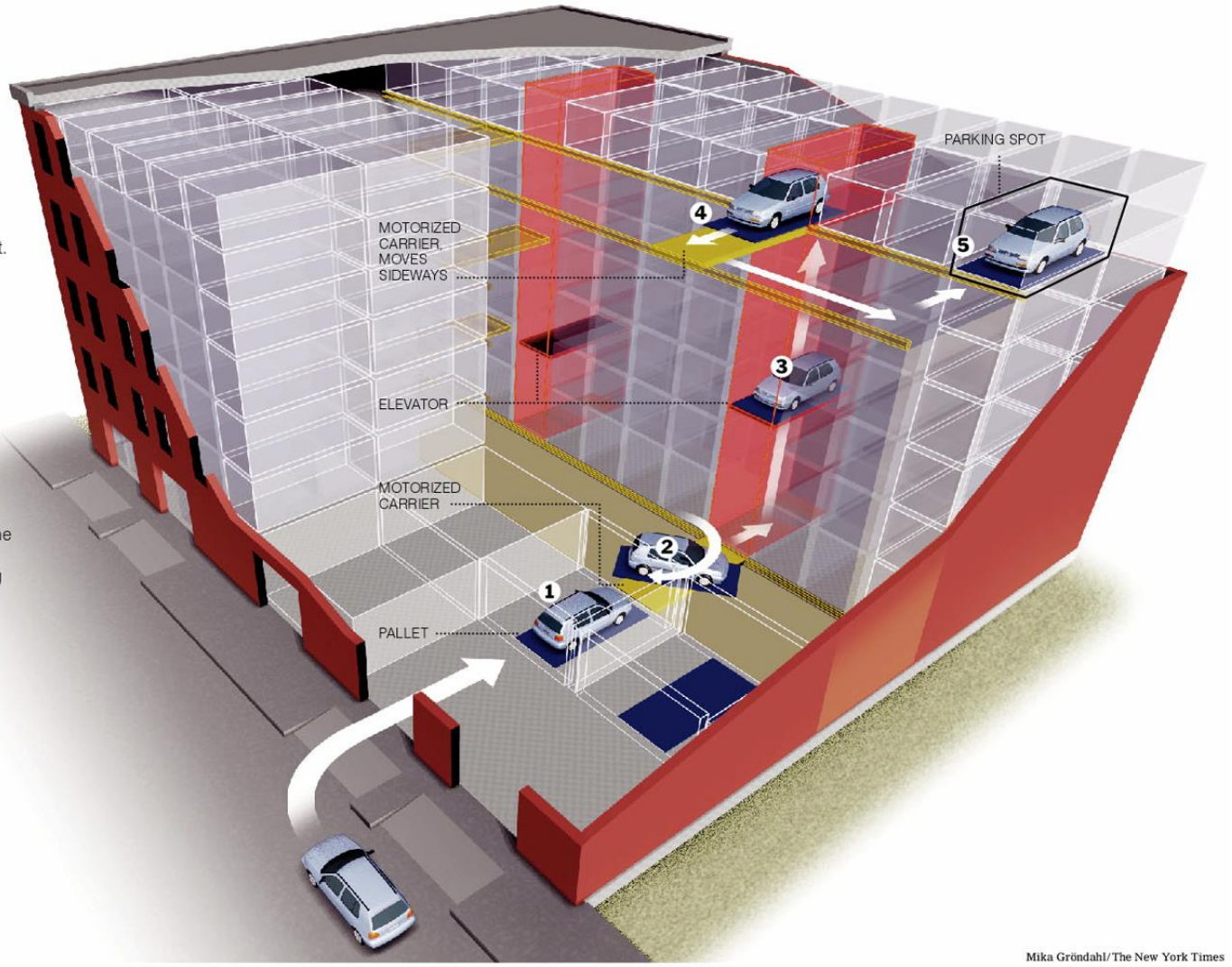
1 The customer drives into the garage and parks on a steel pallet.

2 The computer-controlled carrier pulls the pallet and the car and rotates both by 180 degrees, so the car is facing forward when it is retrieved.

3 One of two elevators takes the pallet and car to an upper level.

4 The pallet is transferred by another carrier that moves it laterally to an open space.

5 The car and its pallet are rolled to the designated parking spot.



Source: Robotic Parking

Mika Gröndahl/The New York Times

Changing the Dynamics of Land Use I

Cuts real estate (land) cost in half plus creates new land out of nothing.

Existing prime downtown location:

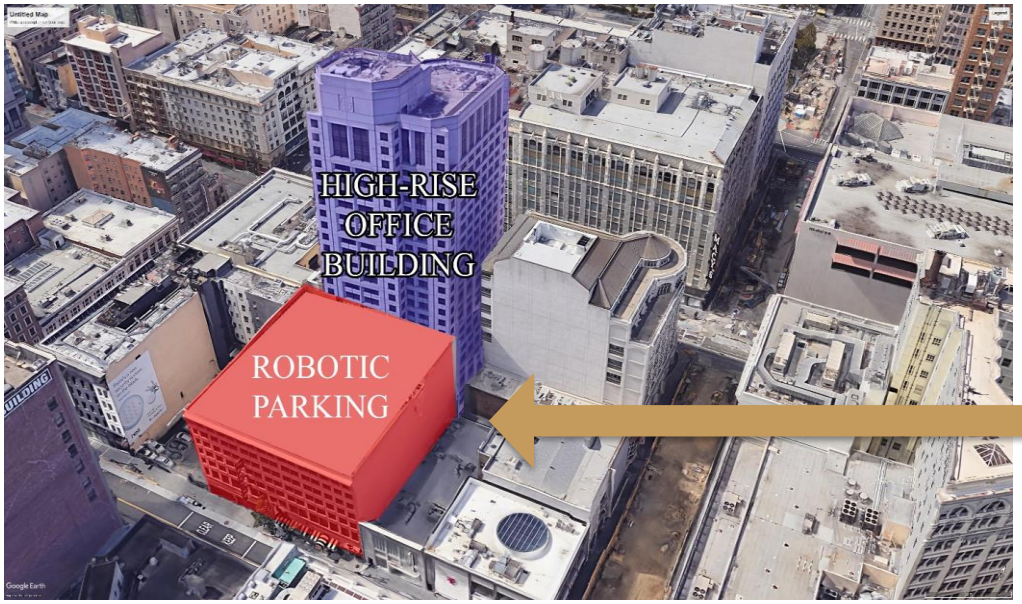
- 3 concrete garages with 1,000 spaces each.
- Total parking inventory is 3,000 spaces

Substitute existing 3 garages with one robotic parking 3,000 space system:

- Create a green park.
- Plus, 400 room hotel, or equivalent 150,000 GFA development.
- **Gain 4.5 acres of land.**

Changing the Dynamics of Land Use II

Existing concrete garage with
9 levels for 507 spaces.



Substitute with one robotic parking garage for 750 spaces.

Plus, create a new office building on same footprint or a park.

TOP SAFETY & SECURITY PLUS CONVENIENCE

NO SCRATCHES / DENTS

NO ASSAULTS / SAFE

NO LONG SEARCH/WALKS

NO PARKING LOT ACCIDENTS

NO VANDALS / THEFT

THE REAL COST OF PARKING: COMPLETE PICTURE

750 Parking Spaces with Peak Traffic of 240 CPH (Cars Per Hour)

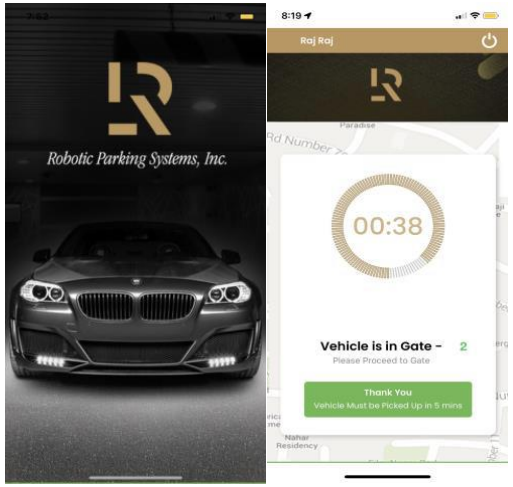
Robotic Parking	$2.5MM (50% Less)	+	$18 MM	+	$1 MM (2/3rds less)	+	$675k (40% Less)	+	$0 (Included)	=	$29K per space
VS	Land/Allocated Space Cost		Cost of Structure		Facade/Roof Blending		Electric Charging Stations		Wayfinding, Revenue & Access Control, & Reservation Systems; Security; Autonomous Car Driving In/Out		
Concrete Ramp	$5MM	+	$16MM	+	$1.5 MM	+	$1.13 MM	+	$3MM	=	$35.5K per space

Disclaimer: This cost assumption may differ based on the geographical location.

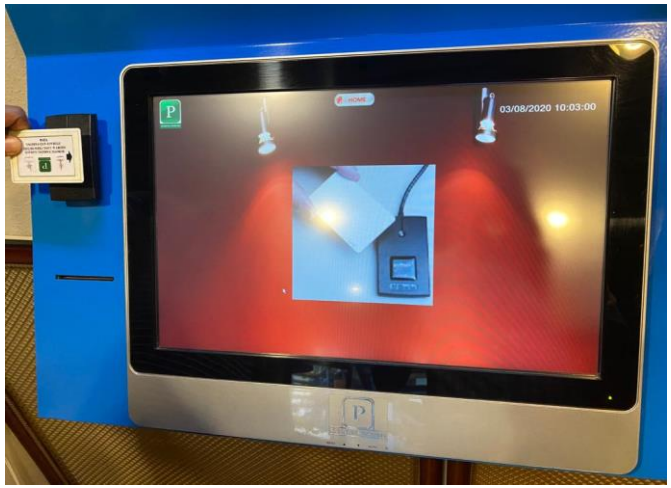
KEY DETAIL: TOUCHLESS PARKING IN A POST PANDEMIC WORLD

- Another bonus of automated parking is the premium valet experience which offers a contact-less parking process to accommodate for post-pandemic needs.
- When the driver and the passengers have left the entry area (terminal), the driver initiates the parking process with a touchless near-field communication (NFC) card, FOB, or with an app on a smartphone. Instead of passing the keys to a valet, patrons simply use an app and keep their keys.
- In simple terms, automated parking enhances the vehicle parking and retrieval experience—elevating it above the level of valet parking.

FOB



PHONE APP



NFC CHIP CARD

INTEGRATED INTO EMERGING TECHNOLOGIES

CUT DOWN ON ENVIRONMENTAL IMPACT: DIGITALIZATION REDUCES CONGESTION / ENABLES RESERVATIONS, FLEET & RIDE SHARING, SERVICES WITH EV CHARGING

Connectivity: Through Cimplicity® software from GE Automation, Robotic Parking System is connected and can receive and share information on an open network.

Autonomous Driving: We developed a partnership with Bosch to facilitate the parking of "autonomous driving cars."

Sharing and Services: Communications exist to handle car sharing, fleets and servicing cars.

Electrification: Designed to include automatic electric car charging stations. The owner just plugs the cable in our entry terminal to the car.

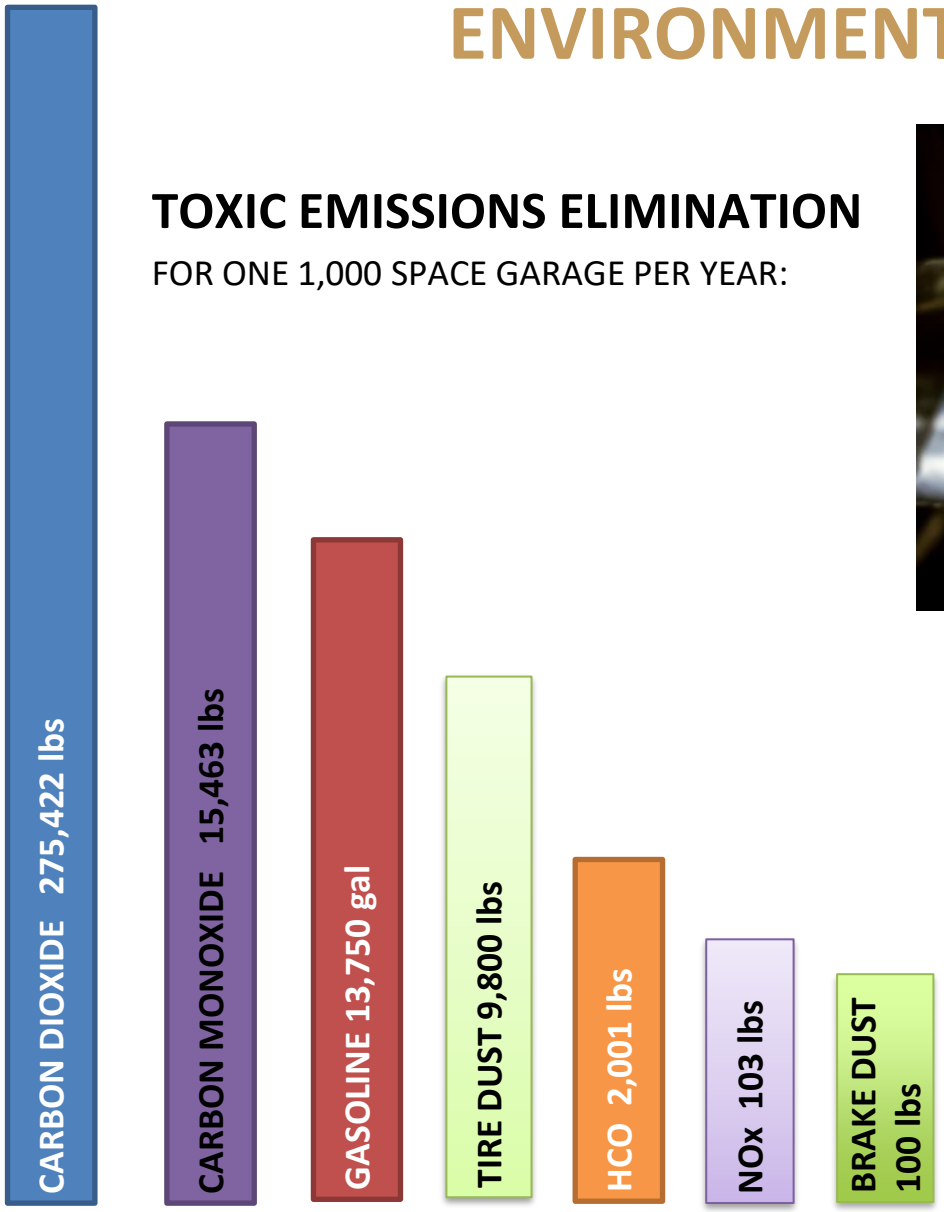
(1) CASE strategy as defined by Mercedes-Benz at the Paris Automobile Show.

Bonus: With a Robotic Parking garage a Digital Twin is already included.

ROBOTIC PARKING – MEANINGFUL ENVIRONMENTAL IMPACT

TOXIC EMISSIONS ELIMINATION

FOR ONE 1,000 SPACE GARAGE PER YEAR:



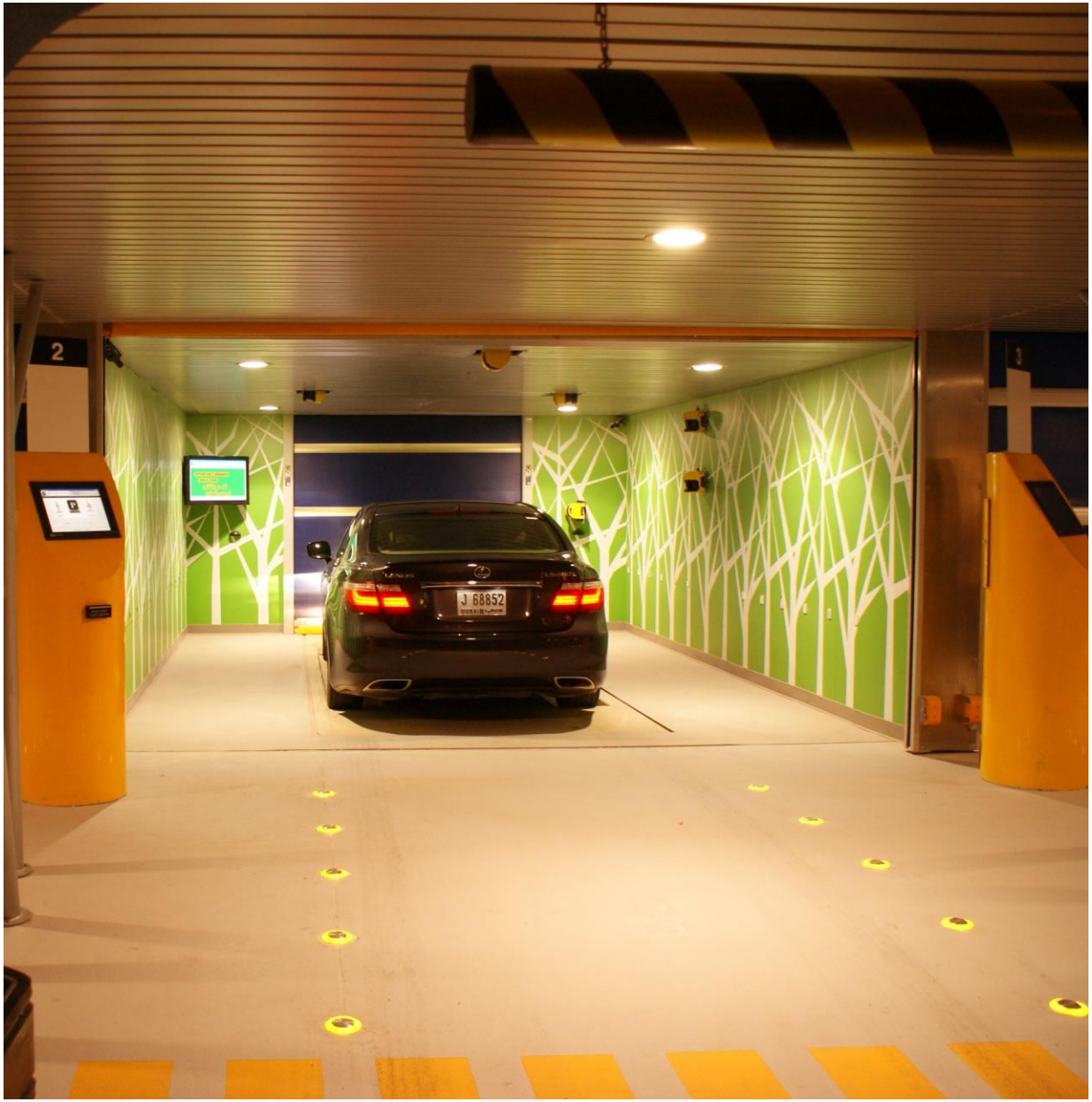
RESULTING IN:

- Drastic carbon footprint reduction
- Gain up to 17 LEED points
- Sustainable building – reusable
- Clean environment
- Parkers no longer inhale these fumes and particles.

CREATING A SENSE OF ARRIVAL

ARRIVAL & DEPARTURE PLAZA

The FIRST and LAST impression counts.



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