

# AUTOMATED PARKING

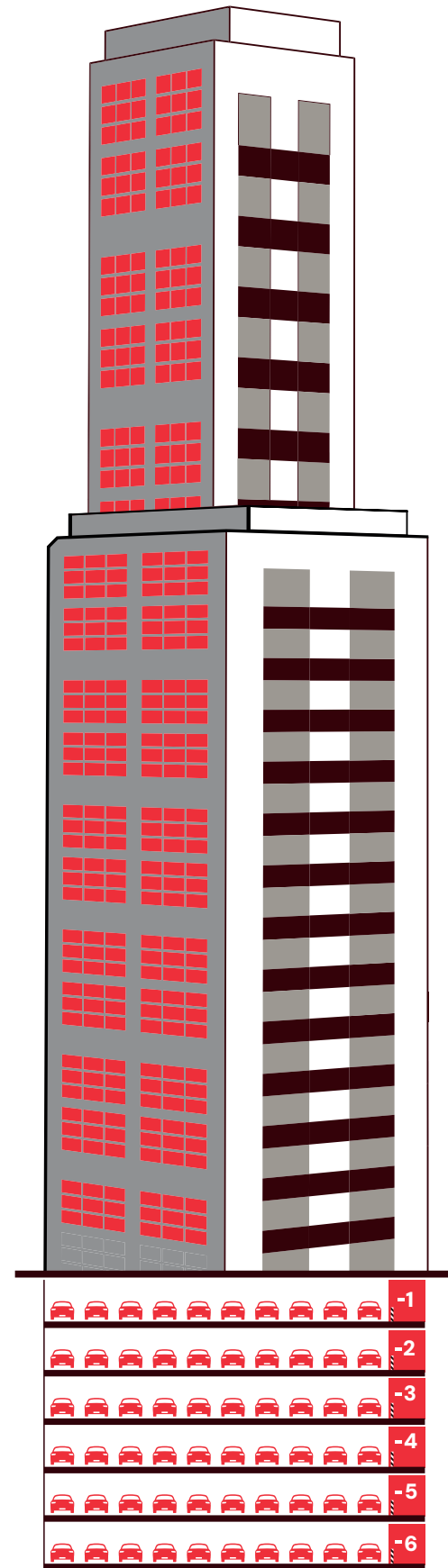
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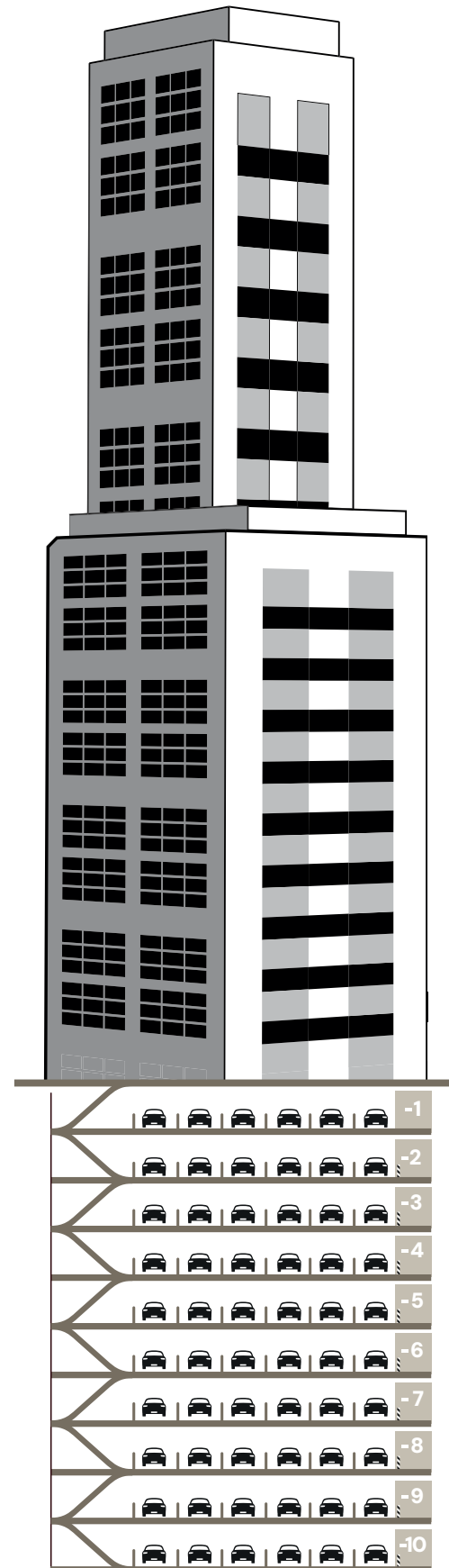
# More Parking. Less Space.

**AUTOMATED  
PARKING**



**60** PARKING SPACES

**CONVENTIONAL  
PARKING**



**60** PARKING SPACES

Utron's fully automated parking solutions maximize parking capacity while minimizing space requirements. Designed to optimize space and enhance property value, our systems transform underutilized areas into vibrant, revenue-generating spaces.

With over 35 years of expertise, Utron provides innovative parking solutions tailored to meet the needs of urban developers. Delivering a premium user experience that feels like valet parking, without the valet, Utron transforms parking into a seamless, safe, and efficient process.



# What is Automated Parking?

Automated parking systems autonomously park and retrieve vehicles, eliminating the need for drivers to park their cars. The system operates with 3-dimensional movement, seamlessly handling multiple parking and retrieval cycles simultaneously. Vehicles are retrieved facing out, ready to go, ensuring a smooth and quick exit.

## Ideal Developments for Automated Parking:

- + High-density urban areas
- + Developments with limited land
- + Projects requiring maximized ROI
- + Sites with challenging or unique layouts







# Benefits

## 1

### Maximize Project ROI

- Reduce parking footprint by 50% while keeping the same capacity
- Make space for more units and amenities
- Benefit from accelerated depreciation

## 2

### Construction Efficiency

- Shorten overall construction timeline
- Minimize below grade excavation
- Decrease usage of building materials

## 3

### Space Saving

- Maximize site space utilization
- Free up space for more creative architectural designs
- Enhance building aesthetics and views

## 4

### Sustainability Benefits

- Reduce car emissions by up to 83%
- Reduce construction waste and materials
- Lower HVAC and power consumption



# A Selection of Our Projects



**WEST HOLLYWOOD CITY HALL**  
WEST HOLLYWOOD, CA

Building Type: Municipal | Parking Spaces: 200  
Parking Levels: 5 | Parking Footprint: 150' X 80'  
Year Completed: 2015



**ONE PARK**  
CLIFFSIDE PARK, NJ

Building Type: Residential | Parking Spaces: 326  
Parking Levels: 5 | Parking Footprint: 220' X 80'  
Year Completed: 2018



**PARK & GARDEN**  
HOBOKEN, NJ

Building Type: Mixed Use | Parking Spaces: 373  
Parking Levels: 6 | Parking Footprint: 150' X 100'  
Year Completed: 2015



**UCLA MEDICAL CENTER**  
SANTA MONICA, CA

Building Type: Medical Center | Parking Spaces: 243  
Parking Levels: 6 | Parking Footprint: 200' X 78'  
Year Completed: 2020



**THE ROWAN**  
ASTORIA, NY

Building Type: Mixed Use | Parking Spaces: 97  
Parking Levels: 3 | Parking Footprint: 130' X 94'  
Year Completed: : 2020



**VINE**  
HOBOKEN, NJ

Building Type: Residential | Parking Spaces: 144  
Parking Levels: 3 | Parking Footprint: 125' X 96'  
Year Completed: 2016



**PEARL WEST**  
BOULDER, CO

Building Type: Commercial | Parking Spaces: 58  
Parking Levels: 1 | Parking Footprint: 116' X 131'  
Year Completed: 2024



**916 GARDEN ST**  
HOBOKEN, NJ

Building Type: Municipal | Parking Spaces: 314  
Parking Levels: 7 | Parking Footprint: 100' X 100'  
Year Completed: : 2007



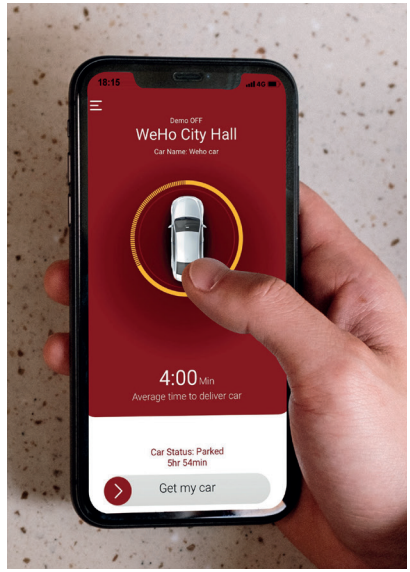
**ONE POST OFFICE SQUARE**  
BOSTON, MA

Building Type: Commercial | Parking Spaces: 235  
Parking Levels: 2023 | Parking Footprint: 185' X 60'  
Year Completed: 2023



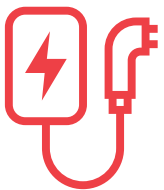
**USER EXPERIENCE**

Valet parking without the valet! With Utron's automated parking, users can park and retrieval their cars effortlessly, using a mobile app or kiosk. Real-time ETA updates ensure a quick and efficient retrieval experience.



**24/7 SUPPORT**

Utron provides 24/7 support available both on-site and remotely, to ensure seamless and prompt assistance whenever you need it. With preventive maintenance and a user-friendly interface, managing operations is easy and hassle-free.



**EV CHARGING**

Our EV charging system automatically charges vehicles while they're parked, ensuring electric cars are always ready for the next drive. It's an effortless experience designed for total convenience.







## Park & Garden | Hoboken NJ

A luxury rental development where Utron's system condensed an 11-floor parking structure into just 4 floors, meeting the city's requirement for 300 parking spaces without compromising the building's design and functionality. By eliminating the need for extensive excavation, Utron's automated parking system enabled the construction of 32 additional residential units and increased monthly rental revenue by over \$4,000/month.

“

“Less usable space committed to parking translates into a more efficient development, both from an economic and environmental standpoint”

**Matt Testa**

Director  
of Construction,  
Bijou Properties



## One Park | Cliffside Park NJ

The developers at One Park faced the challenge of preserving the building's stunning Manhattan views while meeting local parking requirements. Utron's automated parking solution allowed for seamless parking integration beneath the building, maintaining the architectural vision. This approach met parking regulations, improved street access, and enhanced both the functionality and aesthetic appeal of the development.

“

“By replacing the conventional underground parking with Utron's automated parking system, we were able to build a significantly smaller parking structure below grade allowing us to create valuable retail space”

**John C. Petras**

Managing Principal,  
Rockfarmer Properties,  
21-21, 31 Street





# How it Works

## THE PARKING PROCESS

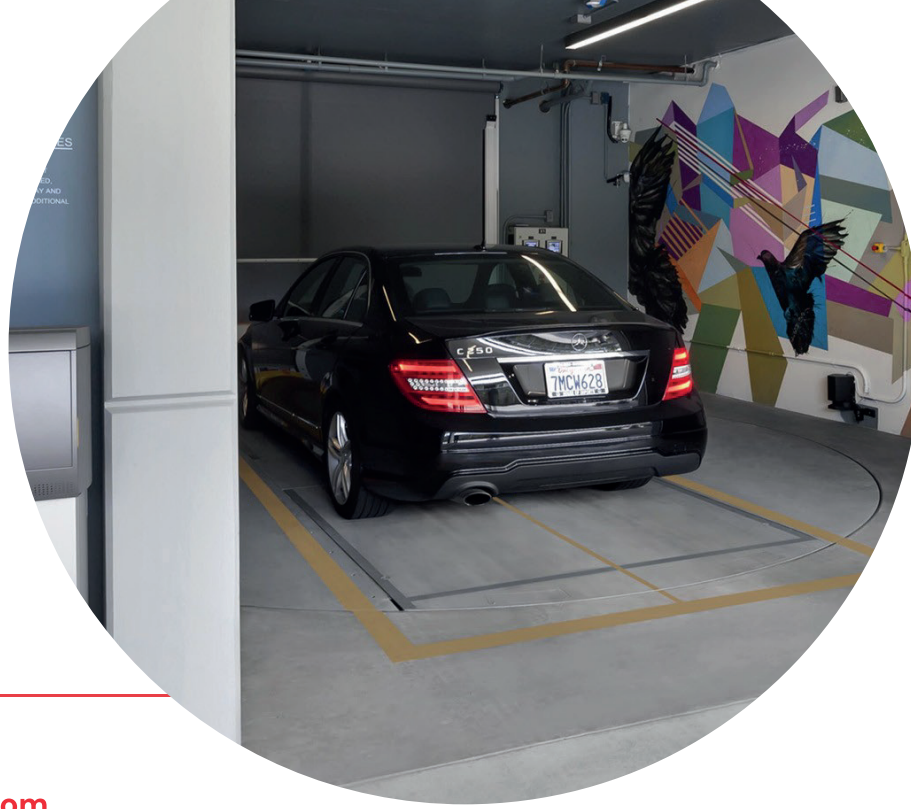
- 1 Entering the Bay Room**

The driver approaches the bay with the car and stops at the marked sign. A rolling door opens, and the user drives the car into the bay room. The car is measured by sensors and guided to the correct position by instructions on a screen in front of the driver. When the car is correctly positioned, the driver gets an on-screen approval that the car is ready to be parked.
- 2 Initiate Parking at the Kiosk/App**

After turning off the engine, the driver exits, locks the car, and leaves the bay room. Using either the Utron mobile app or by swiping a card/pulling a pay ticket at the outside kiosk, the driver signals the system to initiate the parking process.
- 3 Car is Transferred to Parking Space**

Once the request at the app/kiosk is complete, the bay door closes, and sensors scan the room to detect that there is no movement outside the car. According to the car's dimensions, the system transfers the car from the bay into a suitable parking location.
- 4 Process Completed**

The bay room is now ready for another car to be parked, or for a car to be retrieved from storage.



## THE RETRIEVAL PROCESS

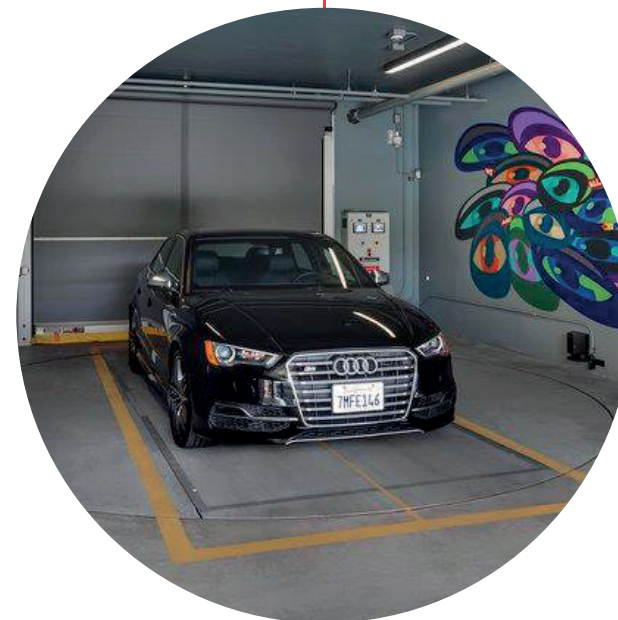
- 1 Car Retrieval Request**

The driver uses the mobile app or swipes a personal card at the kiosk payment machine (or pays the parking fee), which initiates a request to retrieve the car.
- 2 Request Queues at the Reception Screen**

The reception screen displays the current request in the queue, together with requests from other drivers.
- 3 Car is Retrieved from Storage**

The automated system retrieves the car from storage and delivers it to an empty bay room.
- 4 Bay Room is Ready to Collect the Car**

The designated bay room door opens with the car facing out and ready to go. All the user needs to do is get in and drive straight out.





# UTRON PACE

A shuttle-based automated parking solution offering high efficiency in large-scale developments. Ideal for maximizing parking capacity in rectangular layouts.



## Features:

- Fixed-rail shuttle system
- Ideal for rectangular layouts
- Multi-level parking capability
- Fast vehicle retrieval cycles
- High-density parking efficiency
- Concrete or steel structure options
- Automatic Parking Management Software
- EV charging robot integration
- Mobile app and touch kiosk interface
- Optimized for large-scale developments

# UTRON SLIDE

A conveyor-based system designed for flexible parking arrangements in compact sites, ensuring quick retrieval and high redundancy.



## Features:

- Conveyor-based system with pallets
- Flexible for compact or narrow sites
- Multi-dimensional vehicle movement
- High redundancy with multi-path conveyors
- Fast and efficient retrieval times
- Customizable single or multi-level layout
- Automatic Parking Management Software
- EV plug-in integration for charging
- Mobile app and touch kiosk interface
- Ideal for small to medium sites