

# **KLAUS**

## **MULTIPARKING**

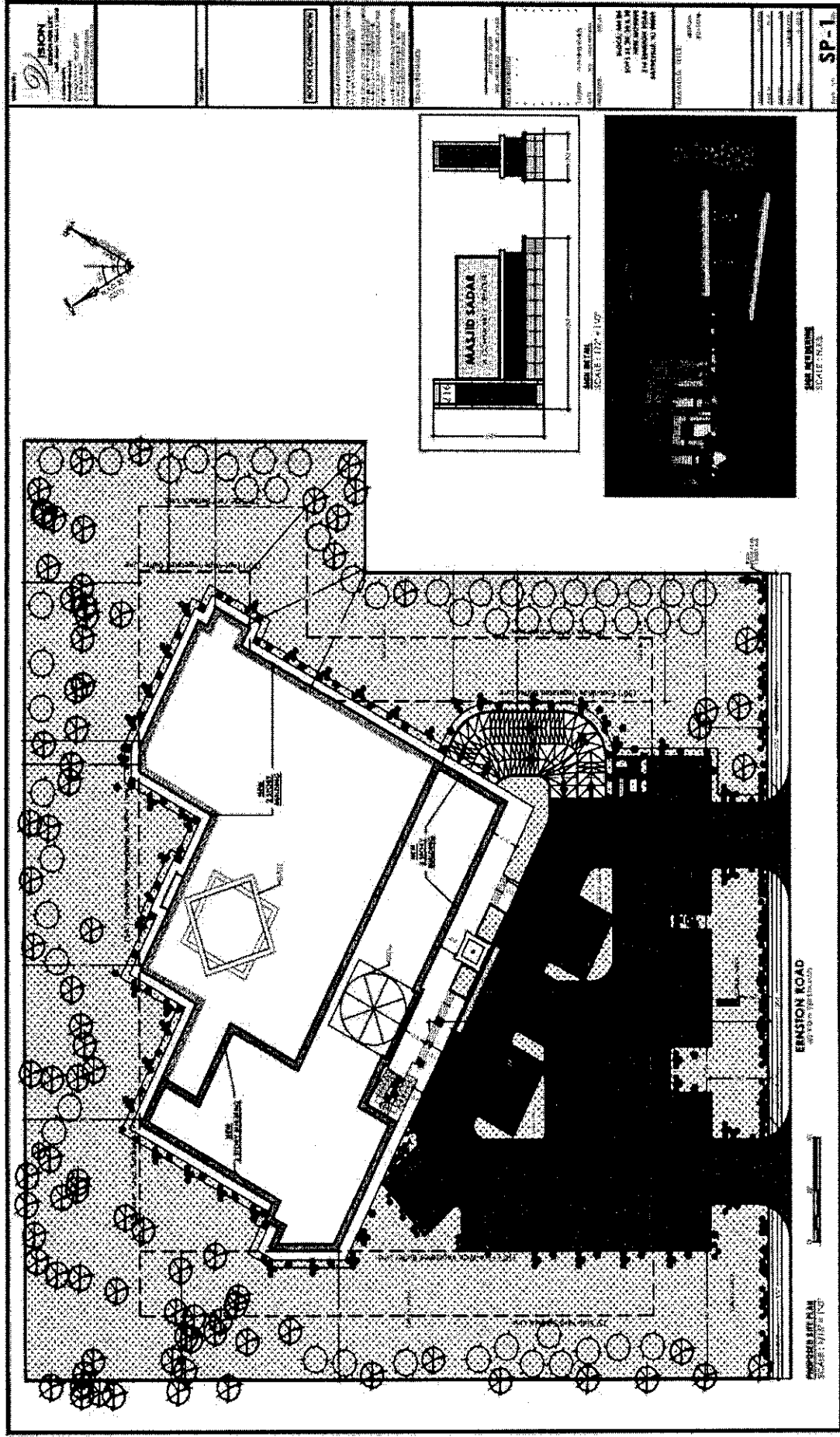
AMERICA

**09/18/2024 – BOARD HEARING**  
**PROJECT: ISLAMIC CENTER, NEW MOSQUE,**  
**216 ERNSTON ROAD, SAYREVILLE, NJ**

**KLAUS MULTIPARKING - PARKING SYSTEMS**  
**SPACE VARIO CP61: VALET SYSTEMS – 2 HIGH STACKER**

FINAL VERSION PREPARED 08/26/24 - VISION DESIGN & DEVELOPMENT

**PROJECT: ISLAMIC CENTER, NEW MOSQUE, 216 ERNSTON ROAD, SAYREVILLE, NJ  
 PROPOSED SITE PLAN – DRAWING BY ARCHITECT**



**PROPOSED SITE PLAN**

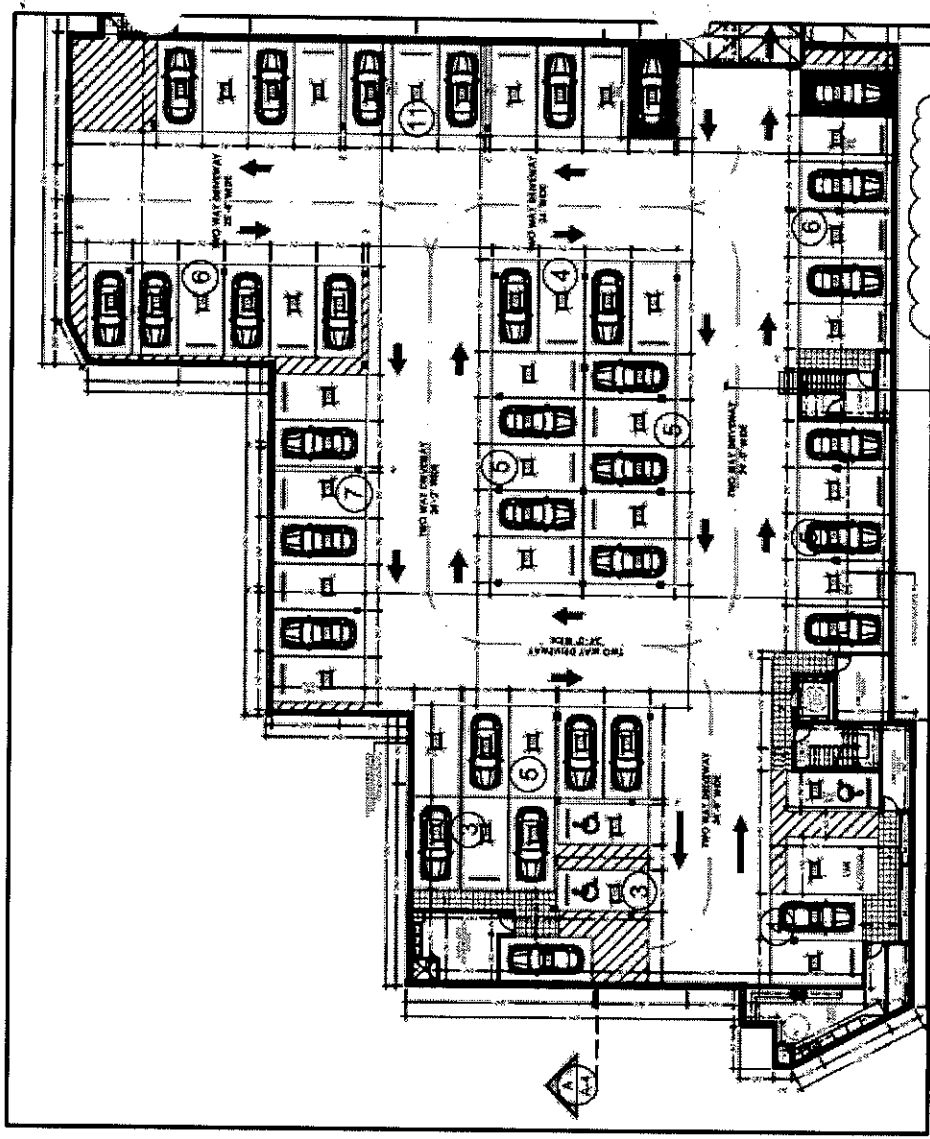


# PROJECT: ISLAMIC CENTER, NEW MOSQUE, 216 ERNSTON ROAD, SAYREVILLE, NJ



## I PROJECT PARKING

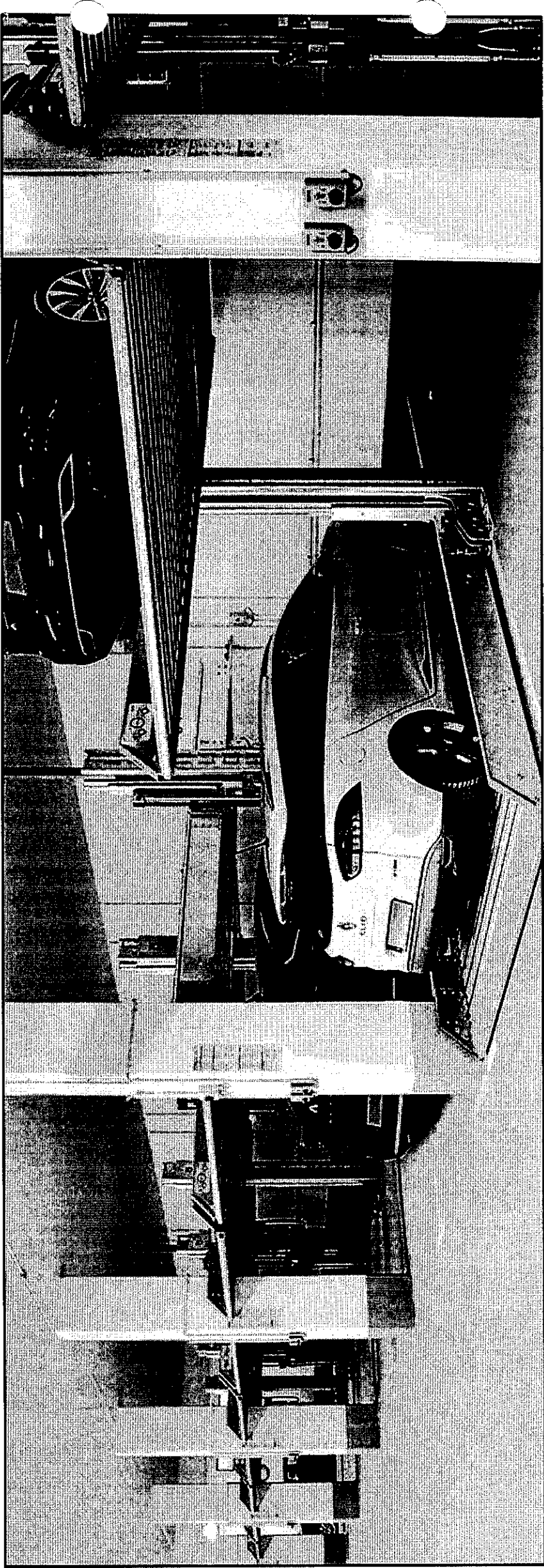
- Parking Spaces:           Grand Total = 121
- Surface / Standard Parking Spaces = 7
- Mechanized Systems – Turnkey Installation by KLAUS:
  - Total Parking Spaces               = 114
  - KLAUS Systems – 2 Levels / No Pit:
    - Quantity = 57 Systems
    - 2 Parking Spaces provided for Each System
    - Platform Vehicle Load Capacity = 6,000 lbs.
  - Valet Parking
    - Valet Attendants will park and retrieve vehicles from systems
    - Valet Attendants & Garage Operations Management – By Others ( **Not** by KLAUS Multiparking America )



# PROJECT PARKING

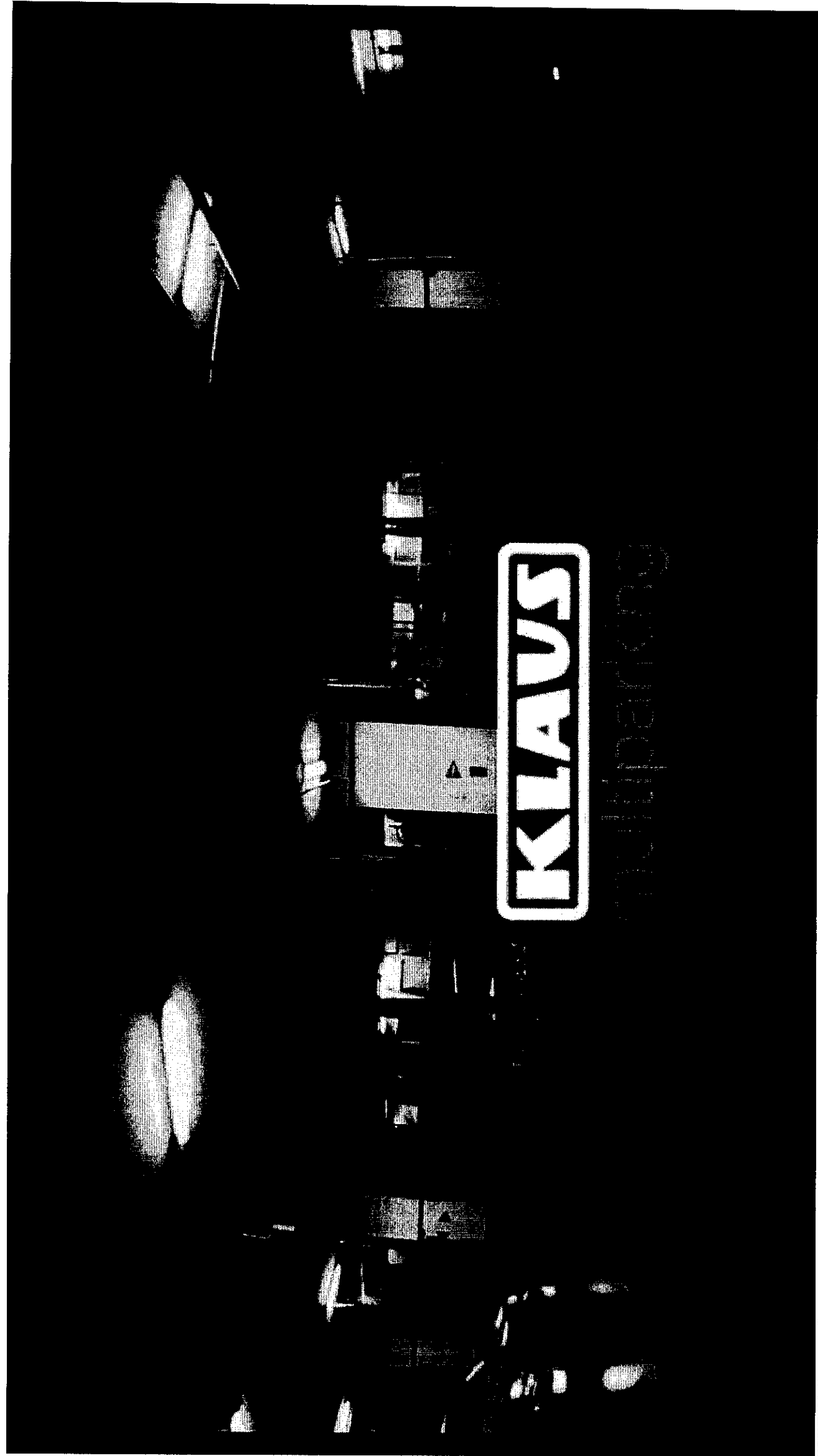
# VALET PARKING SYSTEM 2 HIGH STACKER / NO PIT

**KLAUS**  
MULTIPARKING  
AMERICA



- Fire Department / Emergency Access: Systems accessible. No doors or obstructions

**2 HIGH STACKER / NO PIT**

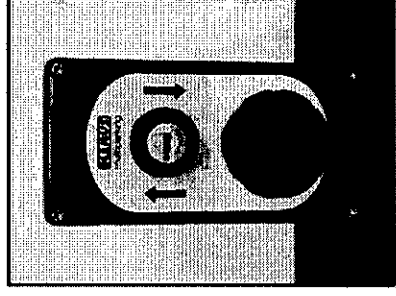


VIDEO: 2 HIGH STACKER / NO PIT - VALET OPERATION

# VALET PARKING SYSTEM - 2 HIGH STACKER / NO PIT

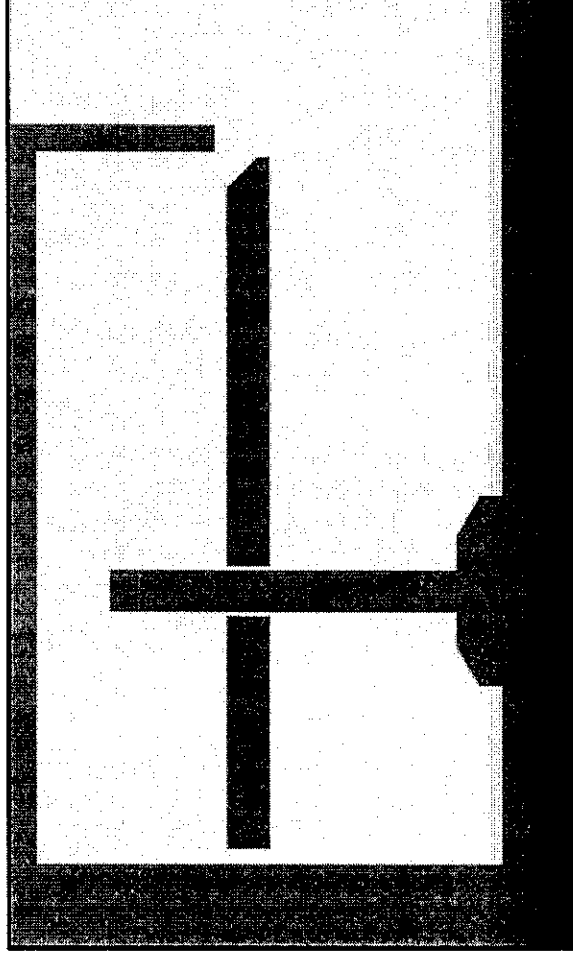
## I SYSTEM OPERATION - OVERVIEW

- **Electrical Key Switch:**  
Controls the raising or lowering of the platform as well as the engagement of the electro-mechanical interlocks.
- **Locks** are in place every 2 inches (2")
- **Hydraulic Interlock:**
  - The system is controlled by a hydraulic interlock that controls the rate of the platforms descent.
  - The velocity is approximately: 4 inches per second
  - Platform interlocks are **not** physically able to be manipulated or interfered with.



**Electrical Key Switch**

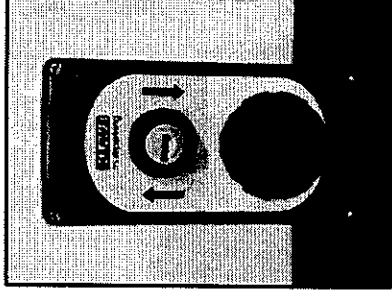
**Emergency Stop Button (RED)**



# VALET PARKING SYSTEM - 2 HIGH STACKER / NO PIT

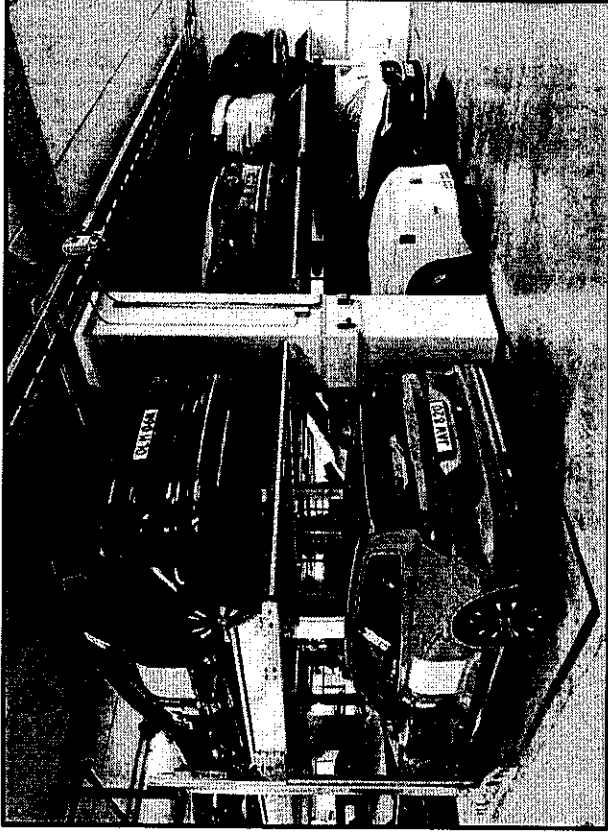
## I SYSTEM OPERATION

- The system is operated by a key switch.
- The operator must at all times engage the Electrical Key Switch in order for the system to function.
- Lowering or raising the platform is performed at each system.
- The operator maintains visual contact with the platform at all times and ensures that the platform is operated safely.
- During operation if the operator fails to maintain the electrical key switch in the "raise" or "lower" position - the platform stops.
- The platform maintains its position until the operator resumes storage or retrieval of the vehicle.
- Emergency stop button on control operating element
- Ground level vehicles must be moved prior to lowering platform above
- System Interlocks



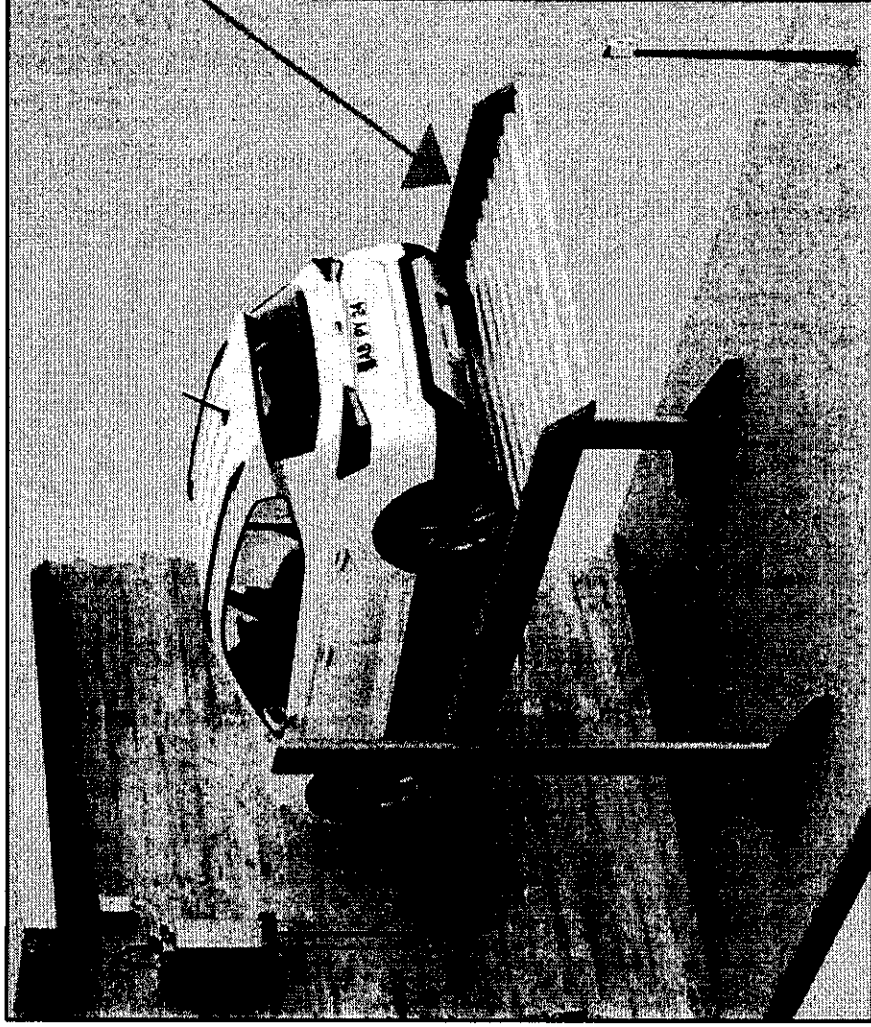
**Electrical Key Switch**

**Emergency Stop Button  
(RED)**





# SPACE VARIO CP61 - 2 HIGH STACKER: CORROSION PROTECTION AND PLATFORMS



- **Side Rails**
- **Corrosion Protection**
  - Hot Dipped Galvanized Structure / Towers
  - Pre-Galvanized Platforms
- **Continuous Platforms**
- **Drainage – Water, Snow, Liquids:**
  - **Slope with Water Collection Channel**
    - Liquids drain to the sides of the platform to channels
    - Then drainage is to the rear of the platform to prevent dripping on below cars

**2 HIGH STACKER: CORROSION PROTECTION AND PLATFORMS**

# SPACE VARIO CP61 – ELECTRICAL



## I EMERGENCY GENERATOR

- Not required by KLAUS Multiparking America
- Power Outage
  - Building Owner may, at its option, connect the systems to the building emergency generator as a back-up

## I SYSTEMS

- If one section of the systems operated by a particular Hydraulic Power Unit is down -- due to a malfunction, etc. -- the remaining systems would still be operational.
- Downtime is typically due to:
  - (1) User damage to systems OR
  - (2) A power outage by Utility Company

# SPACE VARIO CP61 – ELECTRICAL

List of electrical items provided by customer

No.	Quantity	Designation	Position	Frequency
1	1	Power meter Pre-fuse:	In the supply cable	
2	1	3x fuse 25 A (time-lag) or Circuit breaker 3 x 25 A (tripping characteristic K or C)	In the supply cable	1x per 3.7-kW unit
3	1	Supply cable 5 x AWG 12 (3 PH+N+PE) with labeled conductors and protective ground	to master switch	1x per 3.7-kW unit
4	Every 393.8"	Foundation ground connection	Rear wall corner of the building	
5	1	Equipotential bonding as per DIN EN 60204 from the foundation ground connection to the system		1x per system
6	2	Empty conduit EN 25 (M25)		

# SPACE VARIO CP61 – ELECTRICAL

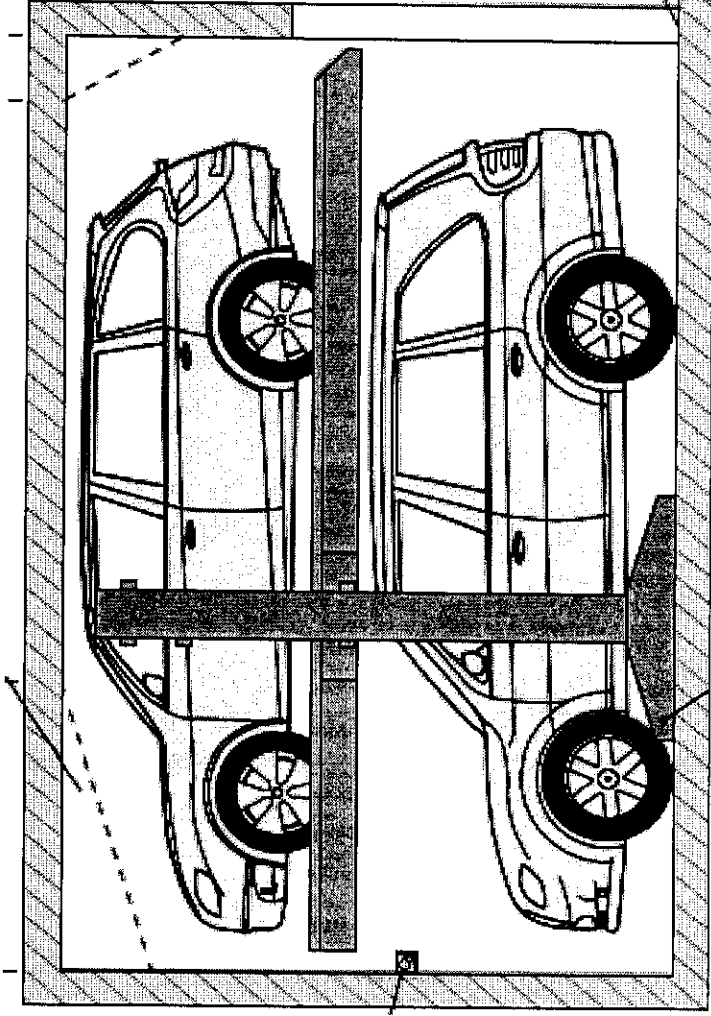
## Register of electrical performances – in conformity with UL/CSA (scope of supply of KLAUS Multiparking)

No.	Designation
7	Lockable master switch
8	Supply cable 5 x AWG 12 (3 PH+N+PE) with labeled conductors and protective ground for 3.7kW unit
9	Junction box
10	Control cable 3 x AWG 16 with labeled conductors and protective ground
11	Control cable 5 x AWG 16 with labeled conductors and protective ground
12	Operating element
13	Control cable 7 x AWG 14 with labeled conductors and protective ground
14	Hydraulic unit, 3.7 kW, three-phase current, 208 V / 60 Hz
15	Control cable 7 x AWG 14 with labeled conductors and protective ground

# SPACE VARIO CP61 - FIRE PROTECTION

## I SPRINKLERS & WATER PIPES

- Allow minimum of 4" at sides of systems
- At rear of system sufficient space for sprinkler installation due to system design
- "Free Space" areas indicated by hatched lines at top of picture (to the right) typically allow additional space for fire protection



# 2 HIGH STACKER - SYSTEM INSTALLATIONS



## OVER 10,000 + PARKING SPACES: Completed Project Examples

Project Name Qty of Spaces

. ALL Aboard OB1, Mixed-Use	116	Parker - Double & Triple	Miami, Florida
. All Aboard OB2 and OB3, Mixed-Use	463	Parker - Double	Miami, Florida
. The Cube	67	Parker - Double	Miami, Florida
. Museum Garage, Commercial	90	Parker - Double	Miami, Florida
. Canvas Miami, Condo	125	Parker - Double	Miami, Florida
. Admirals Cove, Country Club	29	Parker - Double & Triple	Jupiter, Florida
. CHI Kendall, Medical Office	23	Parker - Double	Miami, Florida
. Estates at Acqualina, Condo	143	Parker - Double	Sunny Isles, Florida
. 830 Brickell	192	Parker - Double	Miami, Florida

2 HIGH STACKER - SYSTEM INSTALLATIONS (EXAMPLES)

# WARRANTIES / SERVICE / TRAINING



## I **WARRANTIES – INCLUDES PARTS AND LABOR**

- One (1) Year Included (industry standard)
- Extended Warranties available

## I **LOCAL INSTALLATION AND SERVICE TEAMS**

- Preventative Maintenance performed 2 Times Per Year
- KLAUS recommends Spring and Fall for changes in seasons
- Service Call: Response time typically within 1-3 hours ( depending on traffic, weather, project location )

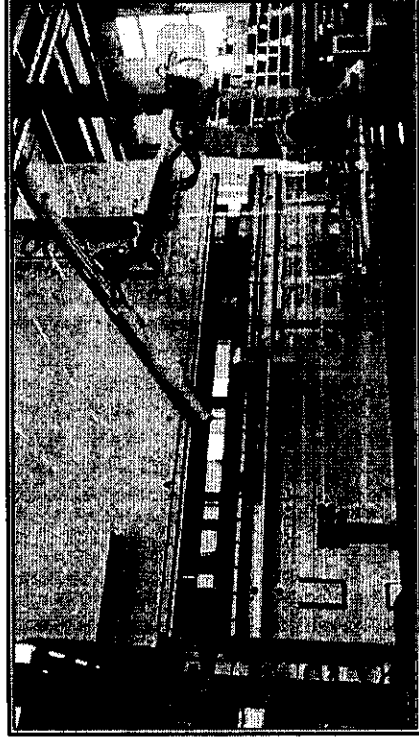
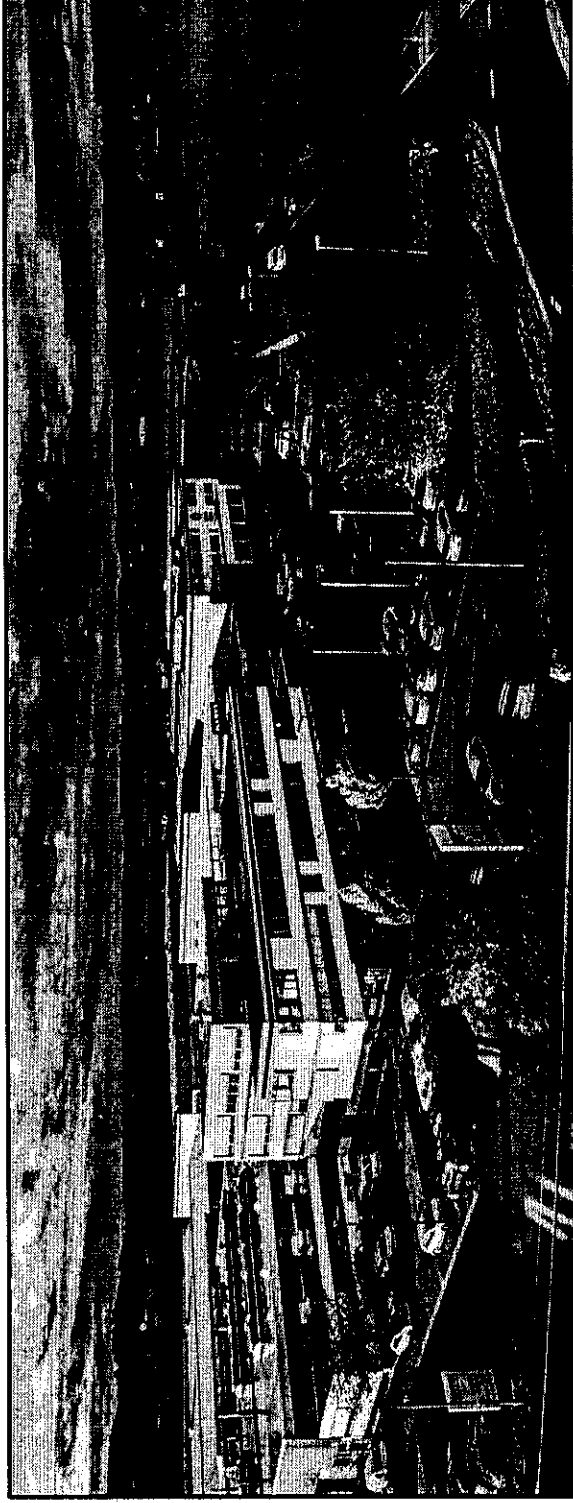
## I **SYSTEM USER TRAINING – PROVIDED BY KLAUS**

- Project Personnel
- System Users
- Municipal Inspectors / Departments, if requested

**WARRANTIES / SERVICE / TRAINING**

# KLAUS MULTIPARKING - INNOVATIVE PARKING SYSTEMS DESIGNED & ENGINEERED IN GERMANY: OVER 835,000 PARKING SPACES

**KLAUS**  
MULTIPARKING  
AMERICA



## I HQ - AITRACH, GERMANY

- Executive & Engineering Teams
- Manufacturing Facility
- Warehouse & Shipping

## I 1907 Company Founded

## I 1964 1st Parking Systems

## I 1990 Systems Brought To USA

- East Coast / West Coast / Florida

## I 2017 \$12,000,000. Investment

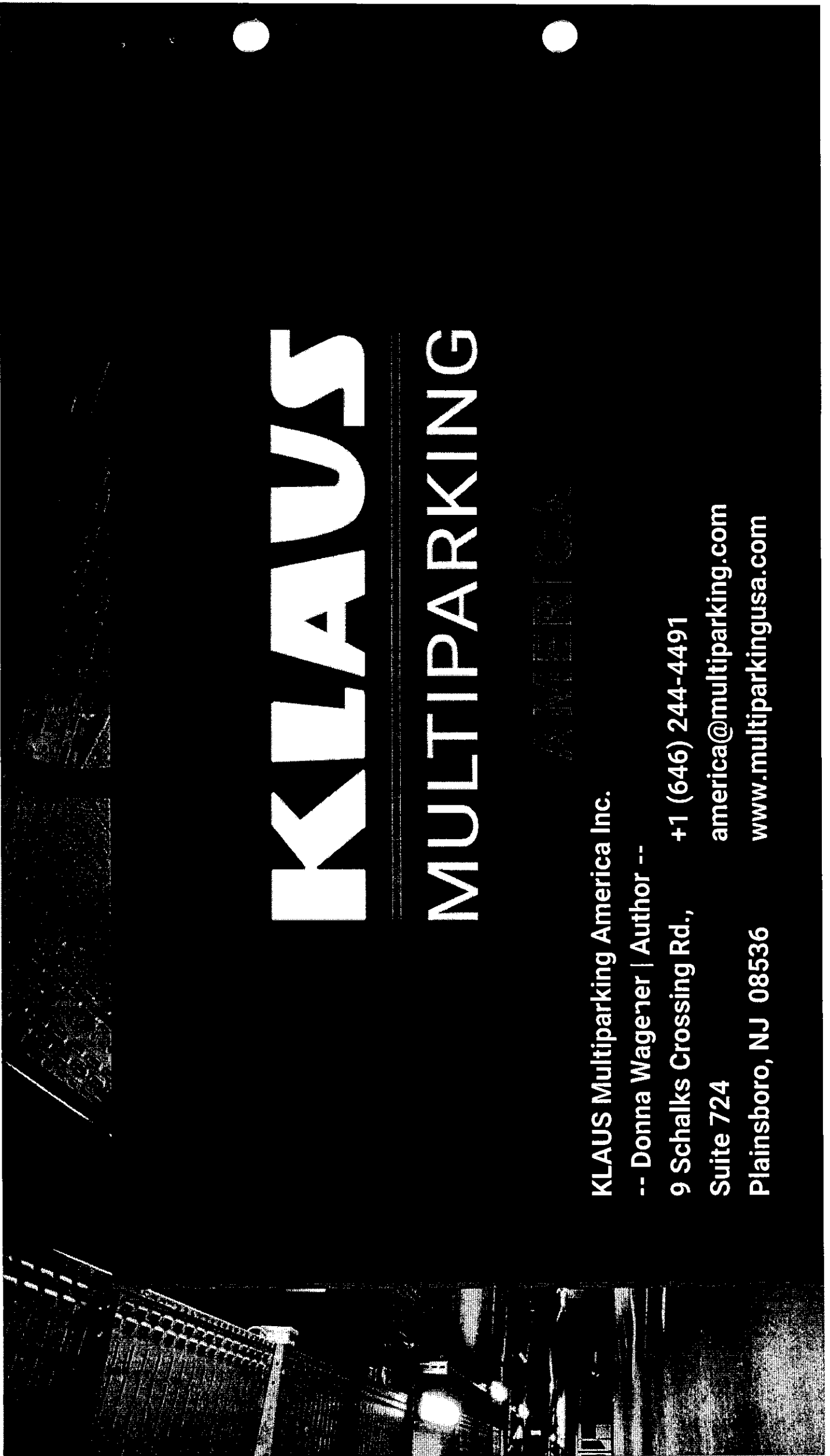
- HQ Expansion

## I 2020 USA National Subsidiary

- KLAUS Multiparking America Inc. established

INSTALLATIONS IN USA OVER 33 YEARS / WORLDWIDE OVER 60 YEARS





# KLAUS

## MULTIPARKING

KLAUS Multiparking America Inc.

-- Donna Wagerer | Author --

9 Schalks Crossing Rd.,

Suite 724

Plainsboro, NJ 08536

+1 (646) 244-4491

[america@multiparking.com](mailto:america@multiparking.com)

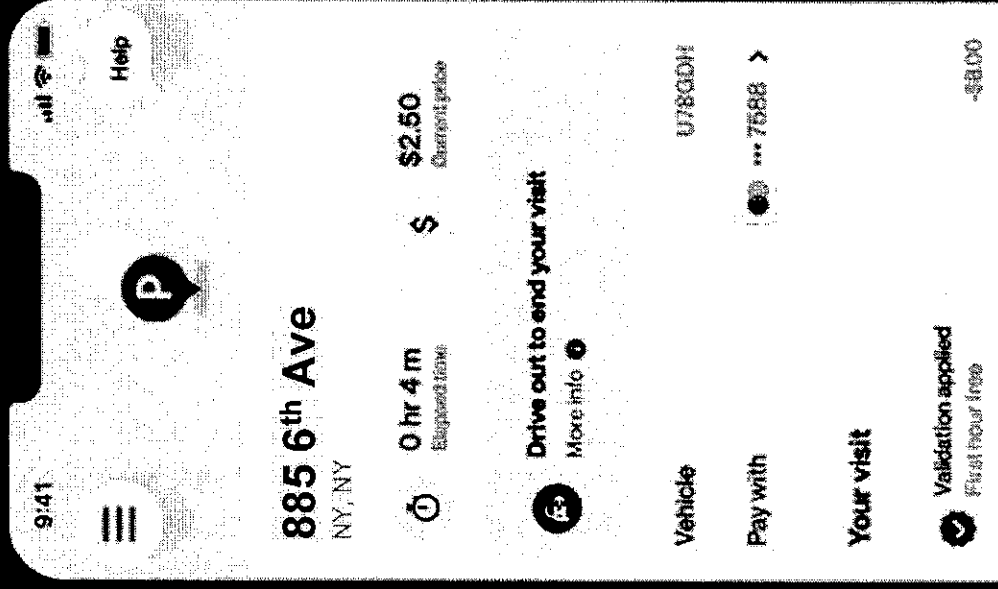
[www.multiparkingusa.com](http://www.multiparkingusa.com)

AMERICA

# Metropolis x Masjid Sadar

Community Center

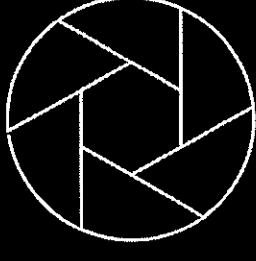
July 46<sup>th</sup>, 2024



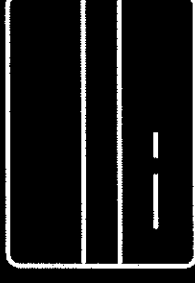
# Metropolis parking system.

We build technology to identify vehicles, secure access to parking facilities, and process automatic payments.

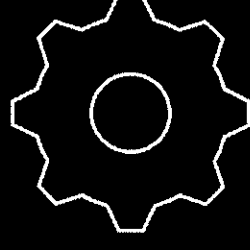
We're also the parking operator, where we leverage both the physical and digital world to create insightful data, to deliver an unparalleled level of service to property managers, tenants, and guests.



TECHNOLOGY



POINT OF SALE



OPERATIONS

All Metropolis locations are connected by the same platform — so members have easy access to every location within our network. Today, the platform is deployed across hundreds of locations throughout the country.

600

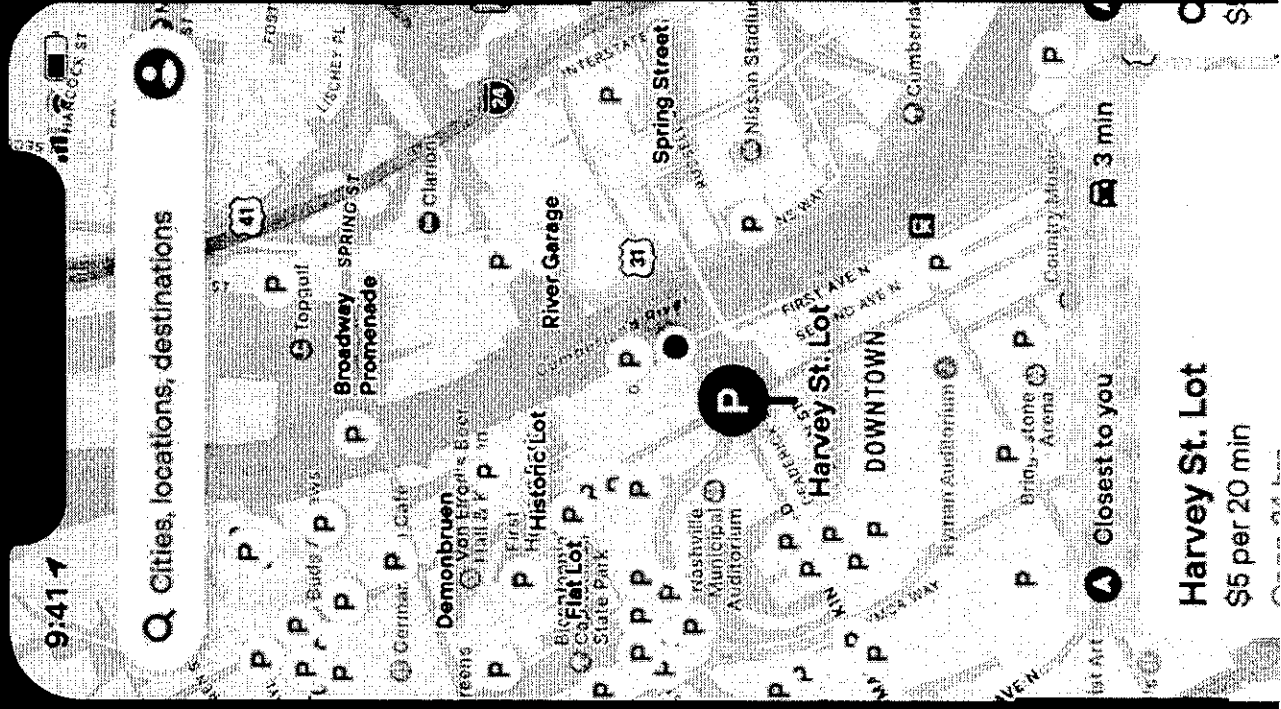
LOCATIONS

40

MARKETS

7M

MEMBERS



# The in parking.

Our acquisition of SP+ is an exciting opportunity to bring together excellence in technology and operations.

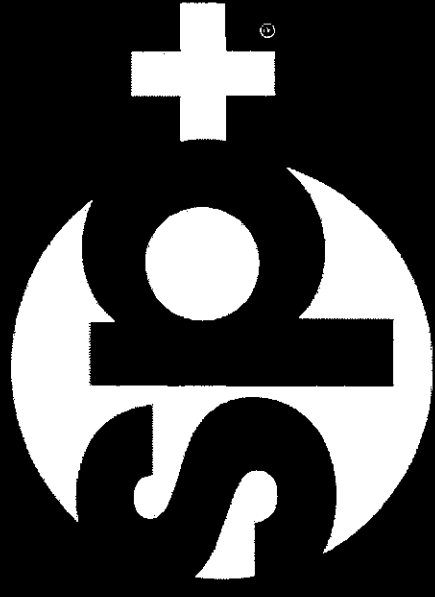
We're the new standard in parking, and we're scaling our platform to thousands of new locations and onboarding over 50M members.

**360**

MARKETS BY 2026

**50M**

MEMBERS BY 2026



a  metropolis company



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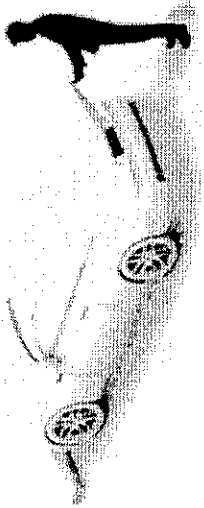
# Valet Customer Experience



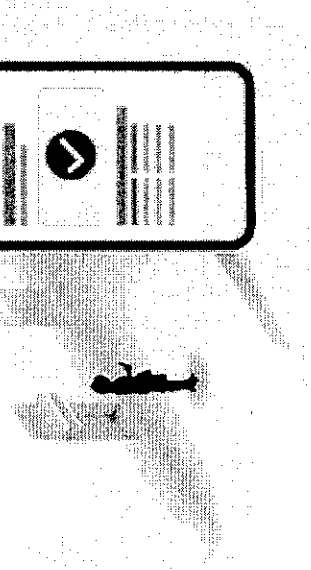
metropolis

# Introducing next-generation valet

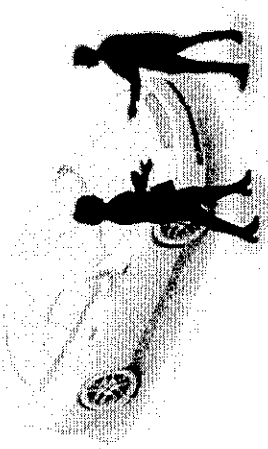
Valet attendants onboard visitors digitally so visitors can simply request their car from their phones.



Capture license plate



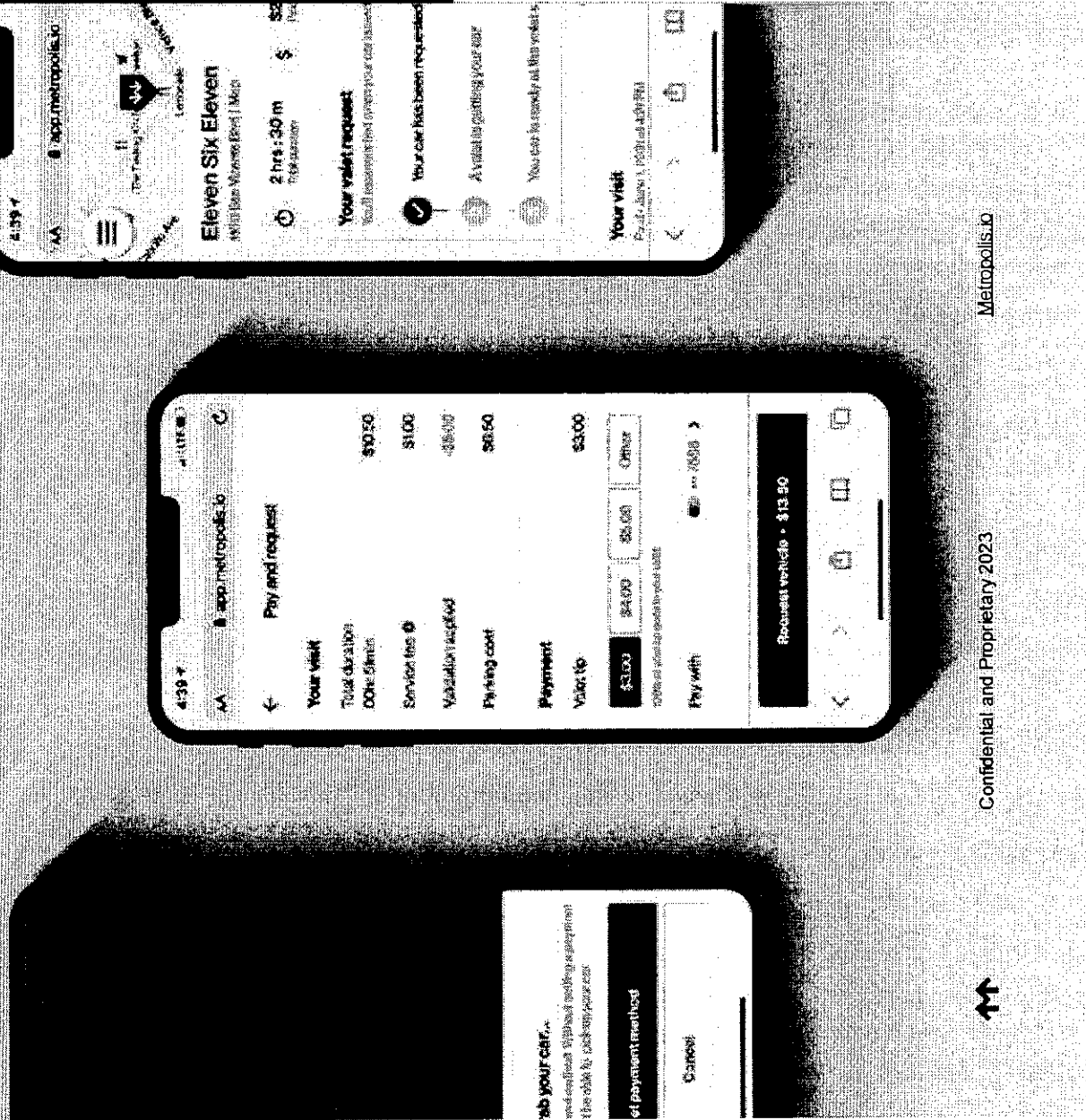
Request car and receive notification when car arrives



Retrieve car



metropolis



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[Metropolis.io](https://metropolis.io)

# Profile Creation

All the visitor needs to do to request their vehicle is to create their profile.

The process guarantees optimal revenue collection and real time counts of all valet trips.

Once a profile is created, Visitors can request their vehicle from their phones. Visitors only have to create their profile once – every time after is recognized in our system.

# Seamless Pickup

Once requested, visitors can track the status of their vehicle in real time, much like tracking a meal ordered via a food delivery app.

The visitor will be alerted with a text message when their vehicle arrives. No more waiting or wondering when you'll get your car.

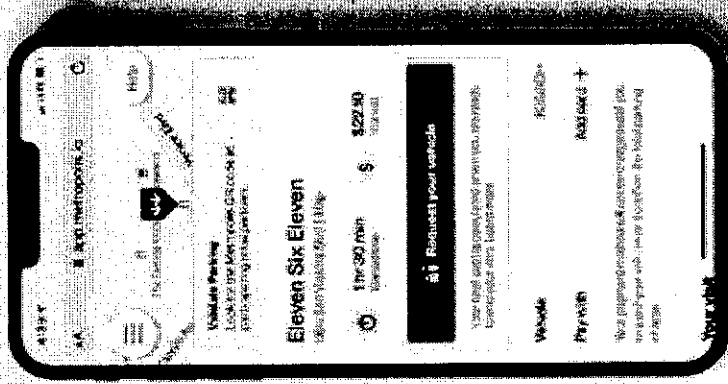


metropolis

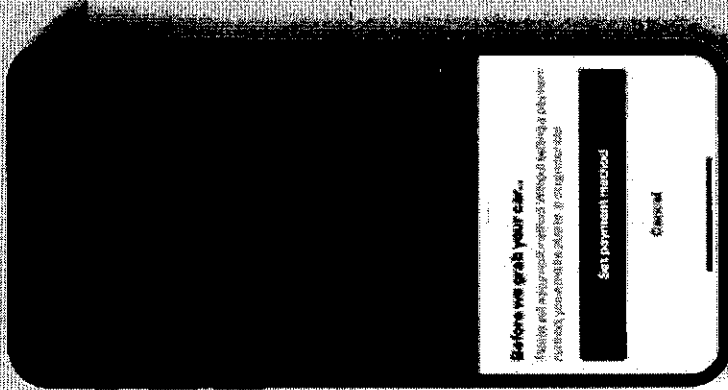
# Digital car request & visitor experience flow

With Metropolis valet, visitors can request their car ahead of time and see where it is en route to be at the staging area just in time for pick up. No more waiting or wondering when they'll get their car.

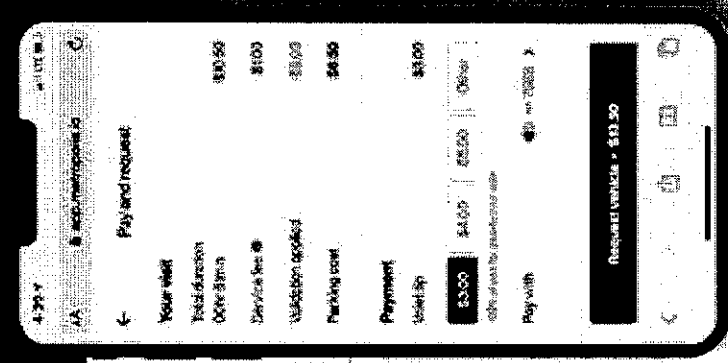
## Valet Customer View



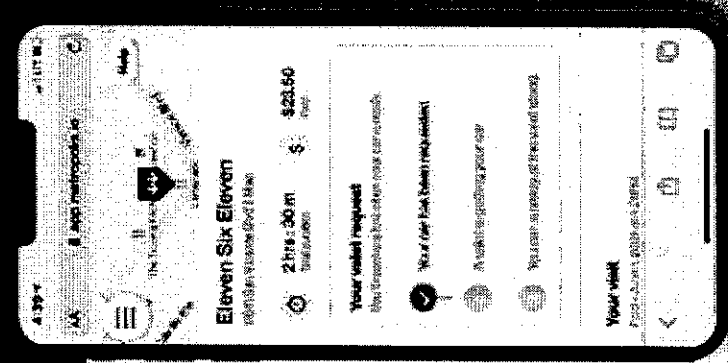
## Payment Input



## Receipt and Tip



## Car Arrival Tracking



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metropolis.io

metropolis

# Valet Product



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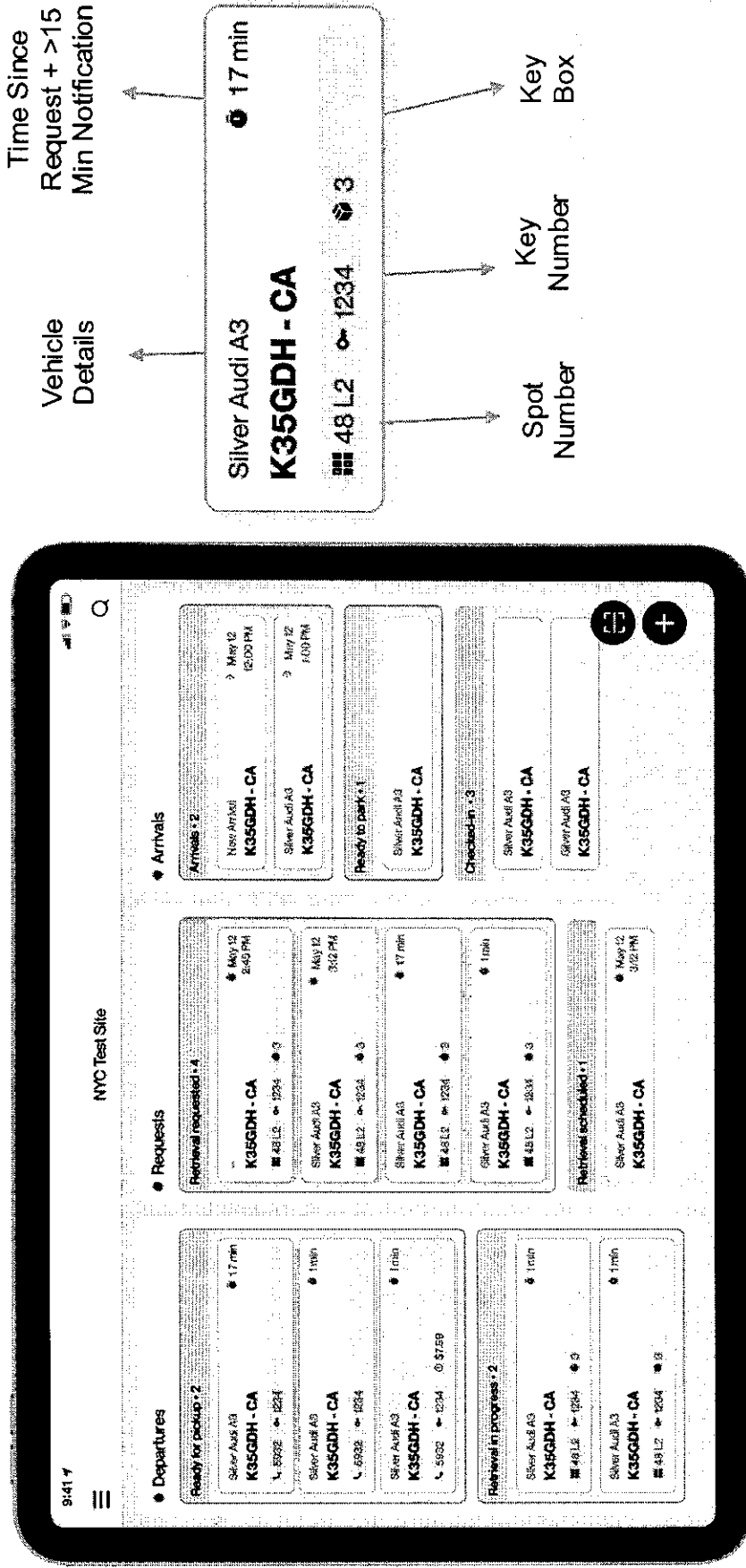
[Metropolis.io](https://metropolis.io)

## Visit Dashboard

We've developed a visit management dashboard, allowing Valet Specialists to quickly complete visit management tasks.

We surface relevant information for each workflow step, indicating not just when to act, but also what action to take. These improvements are intended to **enhance a Valet Specialist's efficiency.**

Additionally, the dashboard is designed to be responsive, seamlessly transitioning from iPhone to iPad to align with existing devices in the field, **minimizing additional device expenses.**




## Vehicle Intake

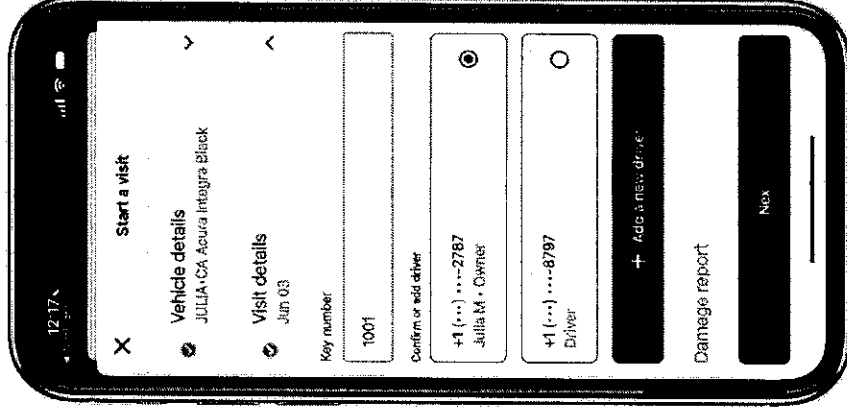
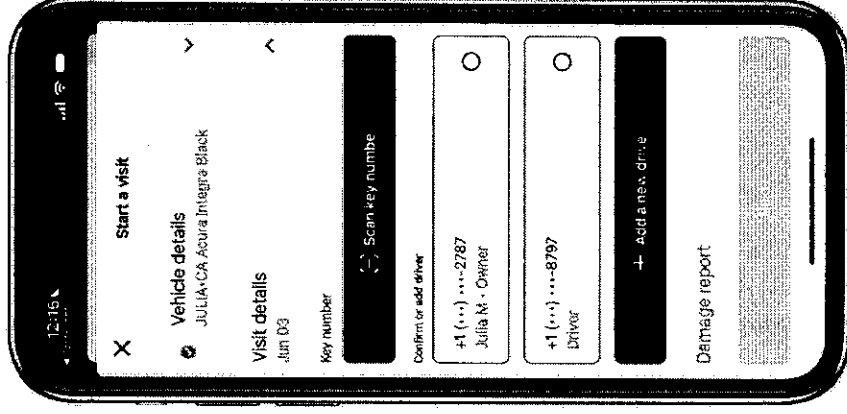
# Vehicle Intake

We have transitioned from physical tickets to digital check-ins, eliminating the need for operators to purchase disposable tickets and lowering long-term operational costs.

We have designed reusable key tags for key management, and operators can soon purchase these directly from the signage store.

Vehicle and driver information will be prepopulated if a license plate is in our system, accelerating the check-in process and getting consumers on their way faster, while also reducing operator time.

ATTACH TO CUSTOMER KEYS	REMOVE FOR CUSTOMER PICK UP	73678	1001
		Location	Notes
VALET MUST SCAN QR Link key tag ID to visit in Valet App		NOT A CLAIM CHECK Valet use only	
1001 VALET KEY TAG ID		metropolis valet Spring Street Garage 1234 Wash St New York, NY 100012 IF FOUND RETURN TO VALET ATTENDANT	

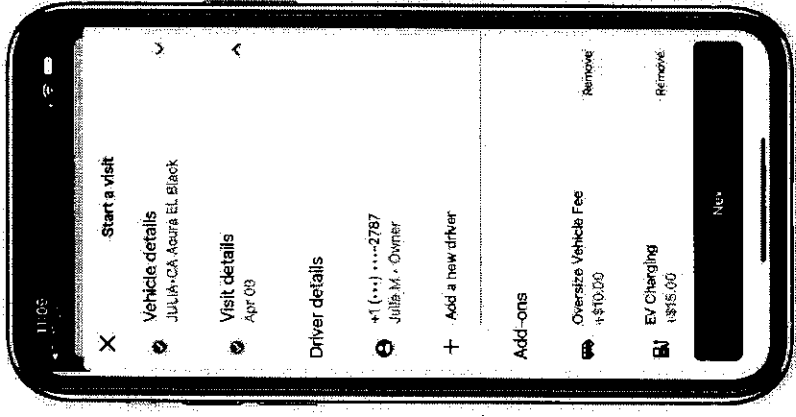
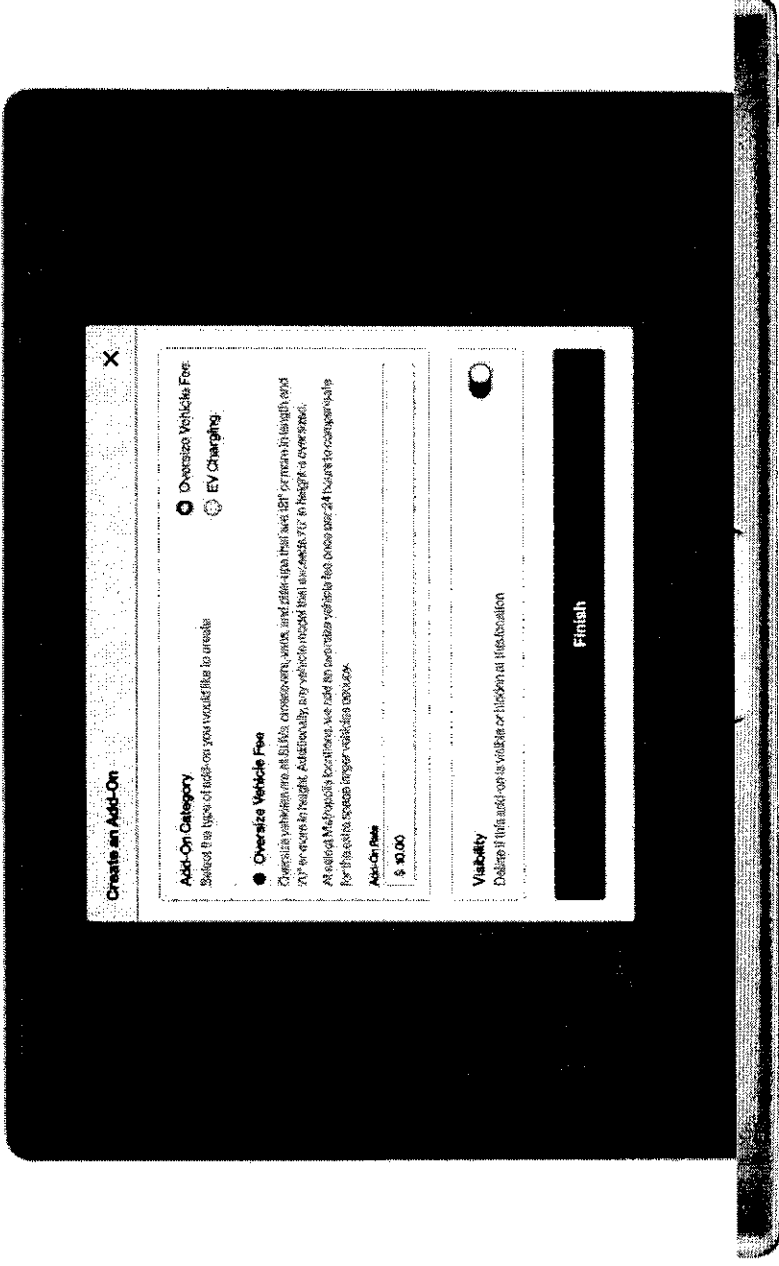


## Visit Add-Ons

# Visit Add-Ons

Visit add-ons are configured at a site level and will only be visible on sites where these fees are enabled.

During check-in, Valet Specialists can now apply add-ons like an Oversize Vehicle Fee or EV Charging.

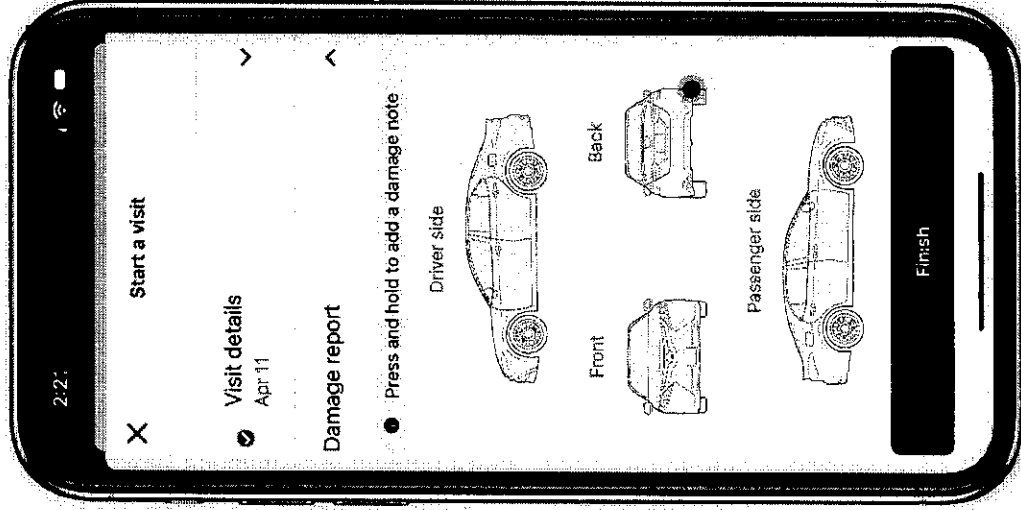
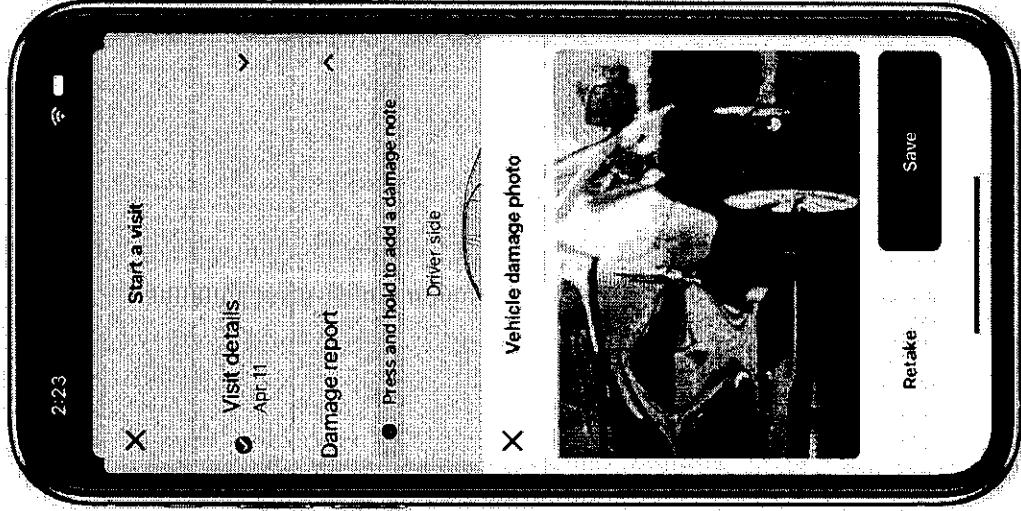
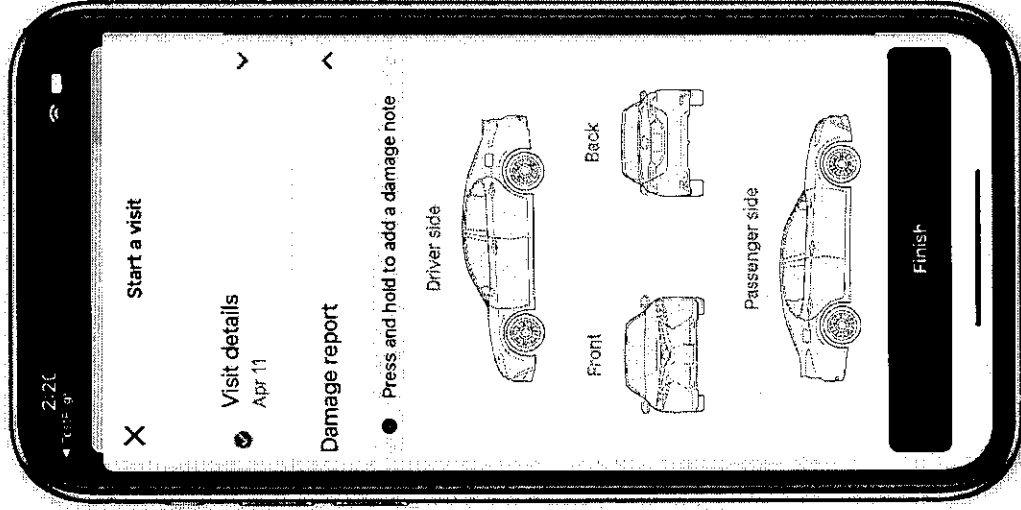


## Digital Damage Reports

Damage reports can now be taken digitally during check-in.

Valet locations will no longer need to pay for storage of paper damage reports as they will be stored digitally.

This feature will also enhance the fidelity and accessibility of damage claim defense.

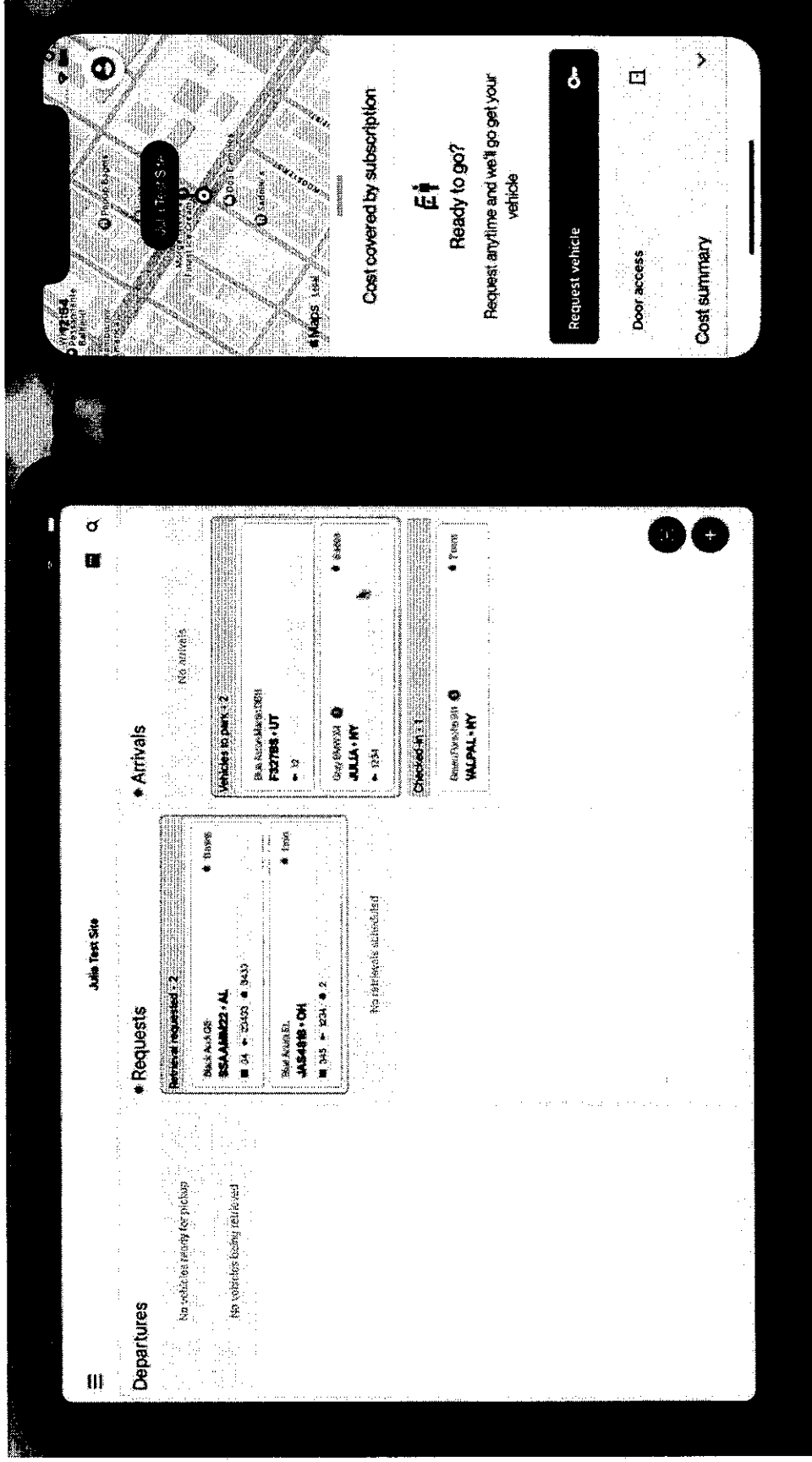


### Scheduled Requests

## Scheduled Requests

Subscribers can schedule vehicle requests up to a week in advance.

Operators will get notified of all vehicles requested within the next 24 hours, allowing operators to better manage vehicle storage and staffing.



# Operations





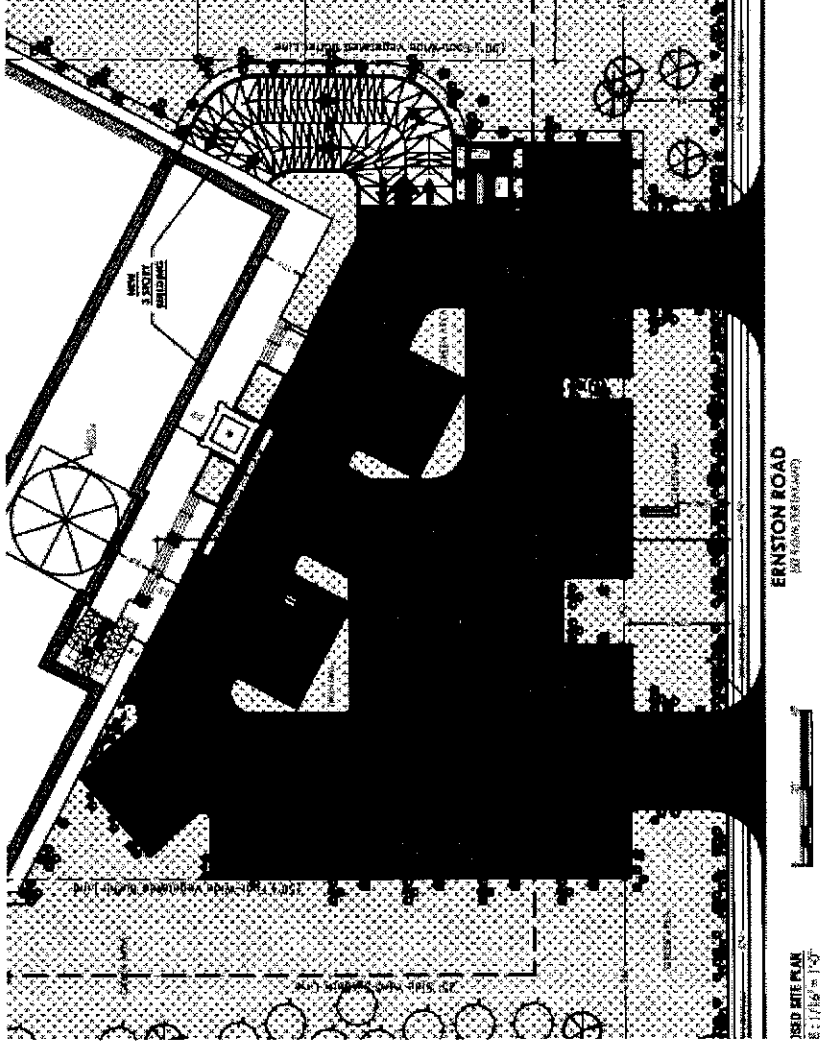
Operational Plan

Surface Lot -

1. All spaces will be coned off prior to the event
  - o These spaces will be designated for the larger vehicles that will cause delay in the garage due to size on lift
  - o Oversize vehicles that do not fit on lifts will have to park on surface lot
2. Traffic will only assume a one-way of direction during the arrival as shown in Red Arrow
3. Attendees will be told to self park by a parking attendant – three parking attendants will be on the Ground Level directing traffic.

Departure – normal operation for the Ground Floor will be allowed for vehicles to exit either egress location on to Emston Rd.

Traffic Coordinators will still be able to assist flow of traffic and vehicles backing out of parking spaces



Operational Plan

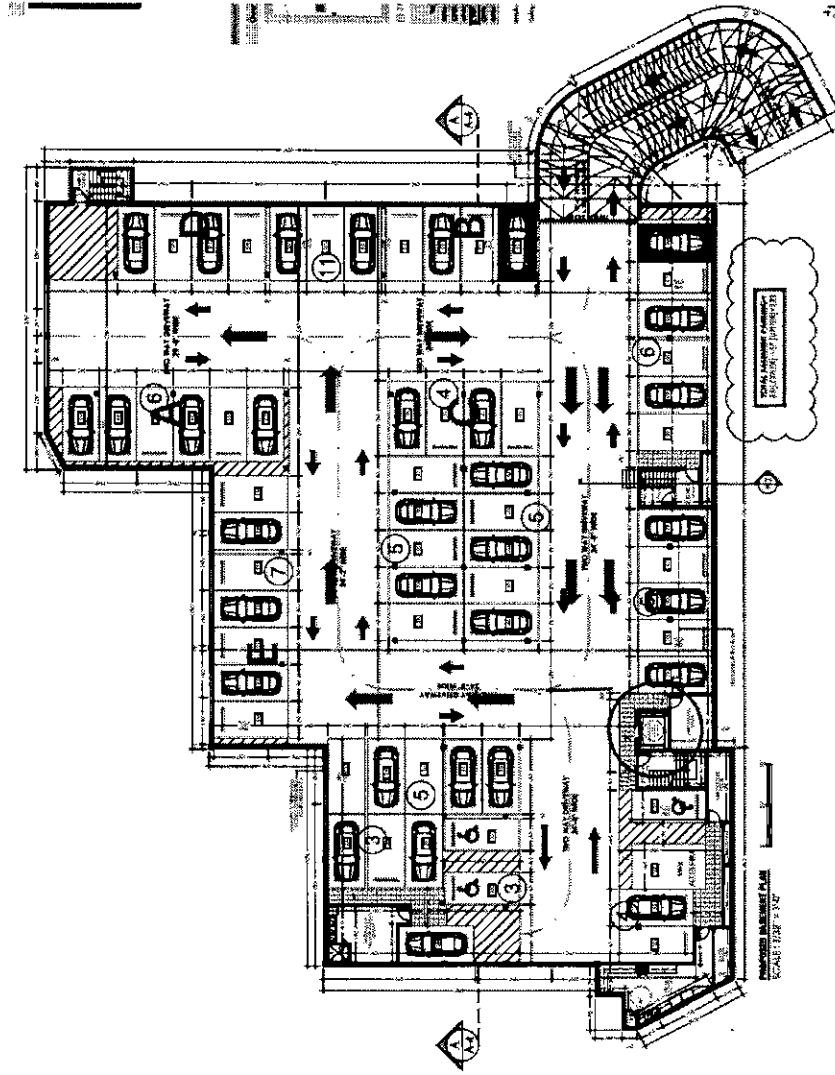
Lower Level

1. All Employees, Volunteers or other Members that support the Service will arrive early
  - They will be parked first on the lifts so the lift can be raised.
  - This leaves available spaces to have better and easier access to lower lifts
2. Attendees will come down the ramp and pull up to the red line.
  - Attendees will take stairs or elevator up to Ground Floor, in the red circle
  - We can accommodate two lanes facing the same direction to keep traffic flow from Ground Level
3. Flow – we will fill the one spot in each letter and then one vehicle in the next letter to maintain flow of traffic going. This rate and process will continue until are spaces are filled.

Employees

1. There will be an employee at each letter to assist with moving the lifts to the proper position, on arrival lifting it so another can be parked under. On departure lowering it as the space opens
2. For an efficient departure we must move the vehicles from under the lifts first and bring the vehicle up for retrieval. We will not have time or space to move the vehicles under a request.
  - The goal is to move the vehicles within 30 minutes and have everyone exit. Traffic from the street as well as surface lot will back up the flow on the lower level.

There needs to be at least 1 hour between services for adequate departure and resetting the operation. 17



# ↑↑ metropolis