

Rev.	Date

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2104

**Shore Club**  
1901 Collins Ave.  
Miami Beach, FL  
33139

Owner:  
Name: Shore Club Property Owner LLC  
Address: 4400 Biscayne Blvd, Suite 900  
Address: Miami, FL 33137  
Name: Adam Gottlieb  
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Design Architect:  
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Historic Preservation:  
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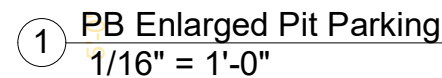


## ALTERNATIVE PARKING PLAN

Date: 7/25/2024	Sheet No.
Scale:	A-2.2
Project: 2104	

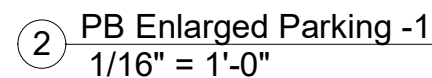
Alternative Parking Plan previously approved under HPB21-0481 NTS

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PROPOSED LOCATION  
FOR AUTOMATED PUZZLE  
PARKING SYSTEM

7 MECHANICAL SPACES  
4 TANDEM  
1 ADA  
**TOTAL+ 12 SPACES**



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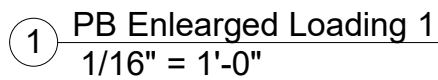
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## PARKING LEVEL PLAN

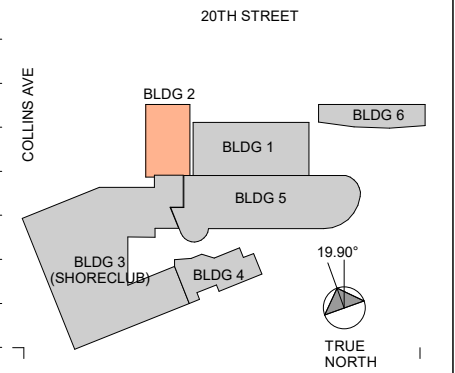
Date: 7/25/2024	Sheet No.  <b>A-3.0</b>
Scale: 1/16" = 1'-0"	
Project: 2104	

PB FINAL SUBMITTAL 24-0679



Date:	7/25/2024	Sheet No.  <b>A-3.1</b>
Scale:	1/16" = 1'-0"	
Project:	2104	

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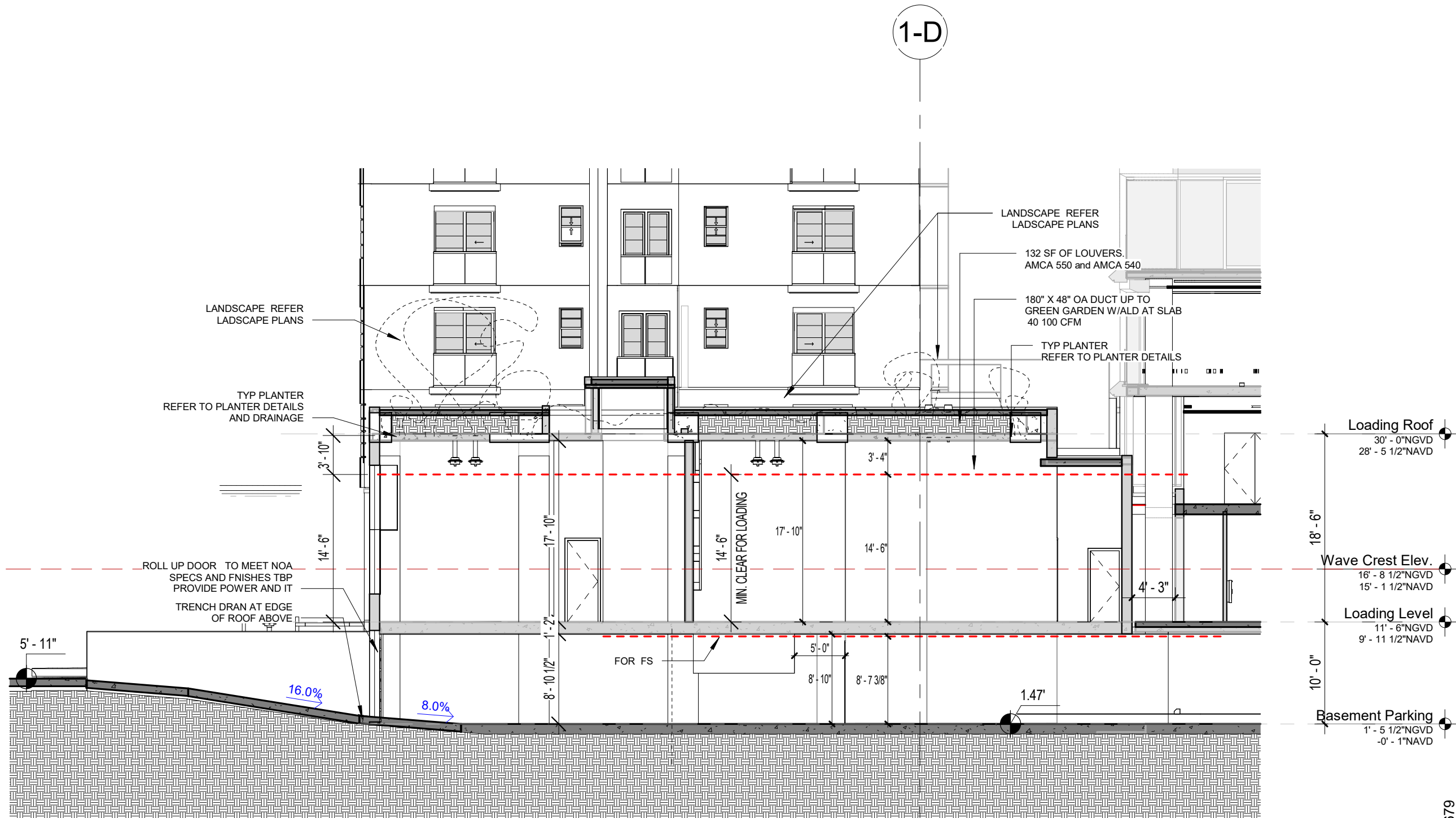
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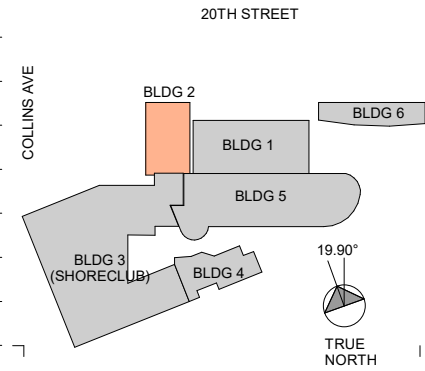


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Scale:	3/32" = 1'-0"	
Project:	2104	

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1 PB Service Building Section NS Res  
3/32" = 1'-0"



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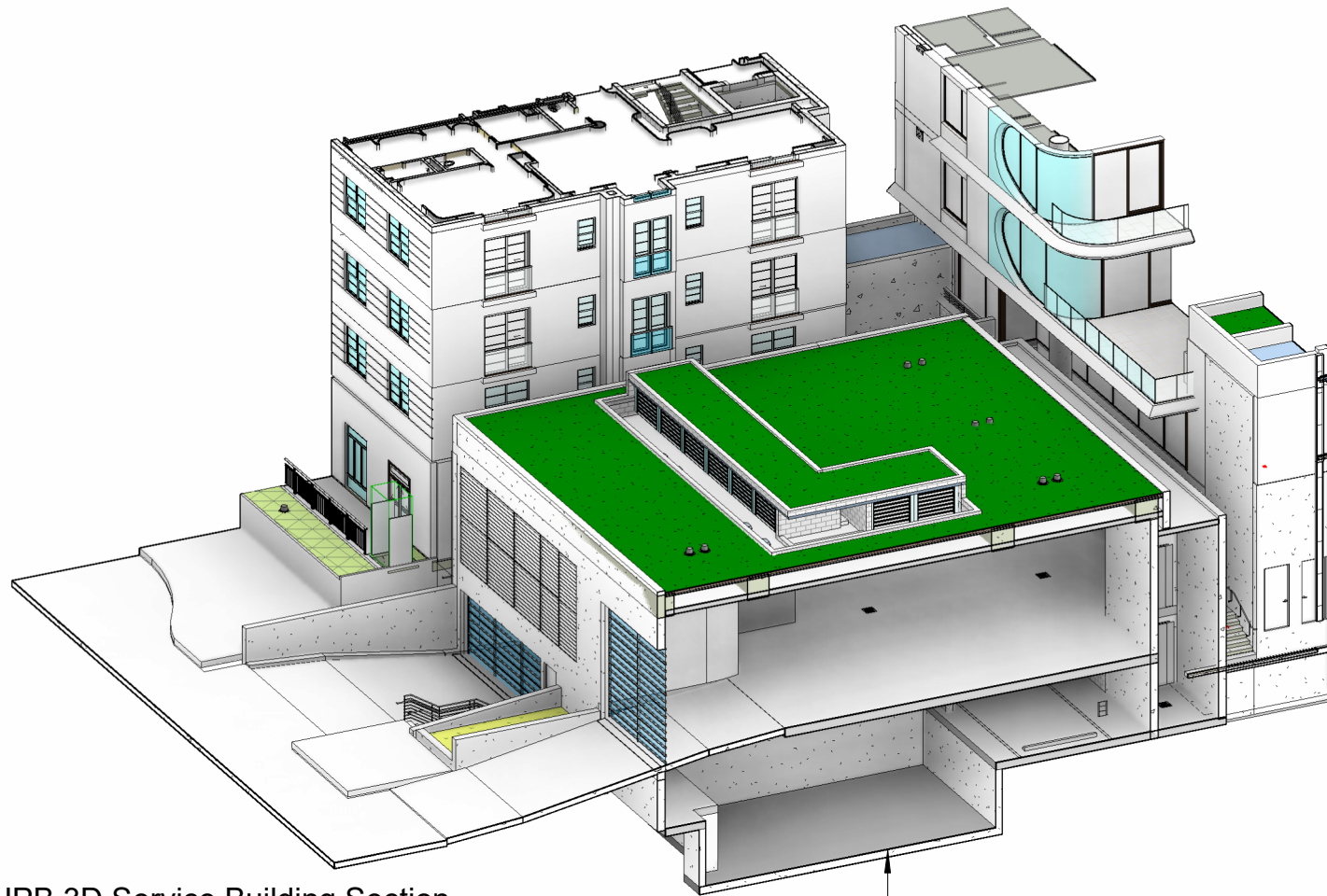
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## PB SERVICE BUILDING SECTIONS

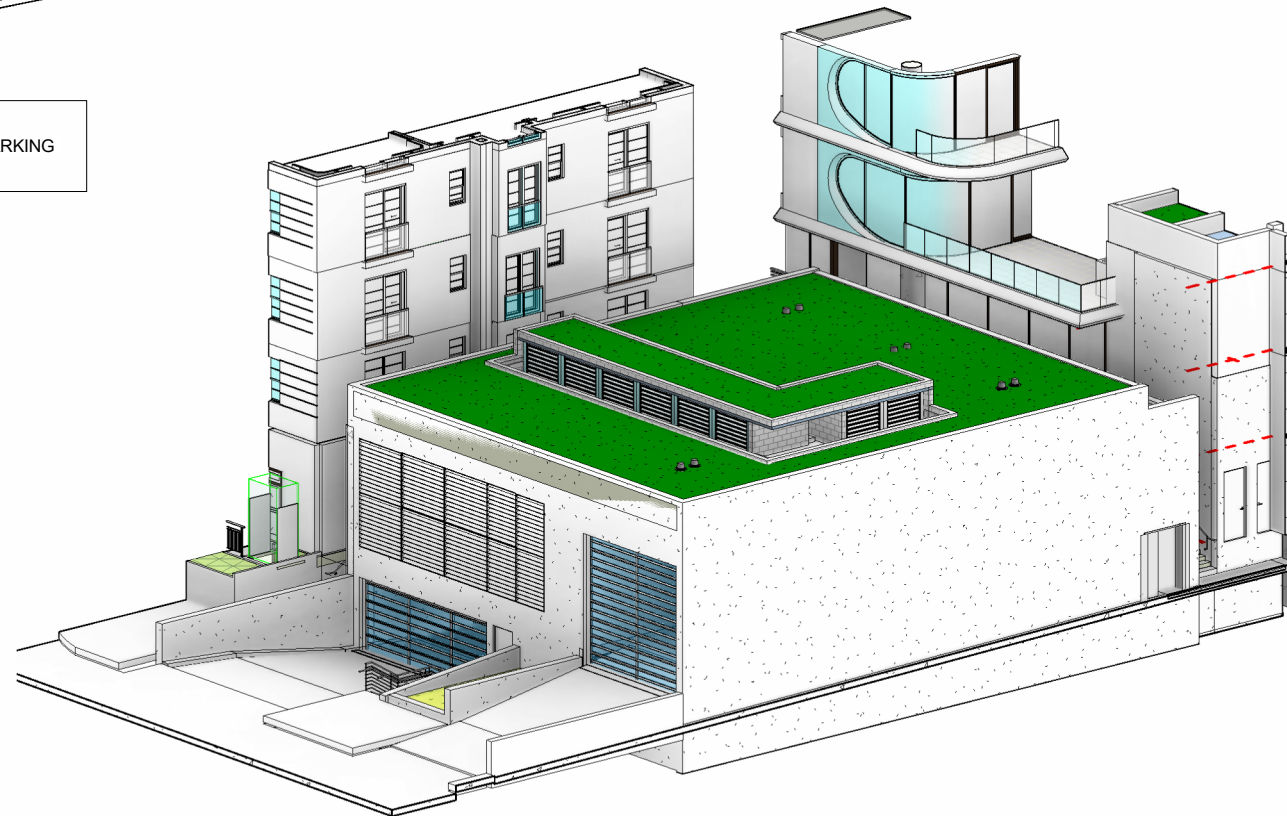
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Scale:	3/32" = 1'-0"		
Project:	2104		

PB FINAL SUBMITTAL 24-0679

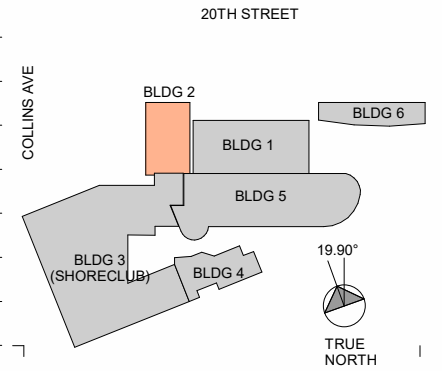


1 HPB 3D Service Building Section

NEW PIT FOR  
AUTOMATED PARKING  
SYSTEM



2 PB 3D Service Building Volume 2



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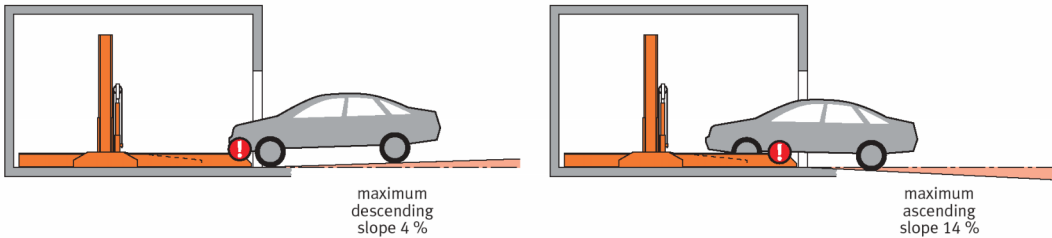
## PB SERVICE BUILDING 3D ISOMETRICS

Date: 7/25/2024	Sheet No. A-5.3
Scale:	
Project: 2104	

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## Approach

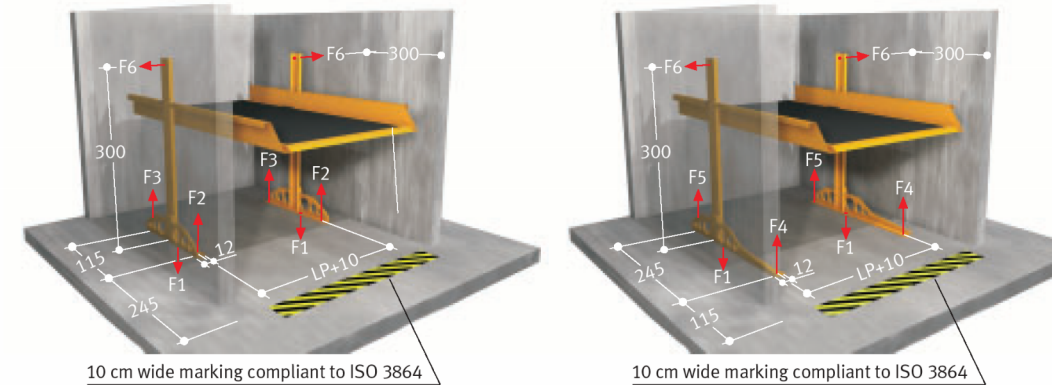


! The illustrated maximum approach angles must not be exceeded. Incorrect approach angles will cause serious manoeuvring & positioning problems on the parking system for which the local agency of Klaus accepts no responsibility.

## Load plan

Option 1: short steel pillar base

Option 2: long steel pillar base



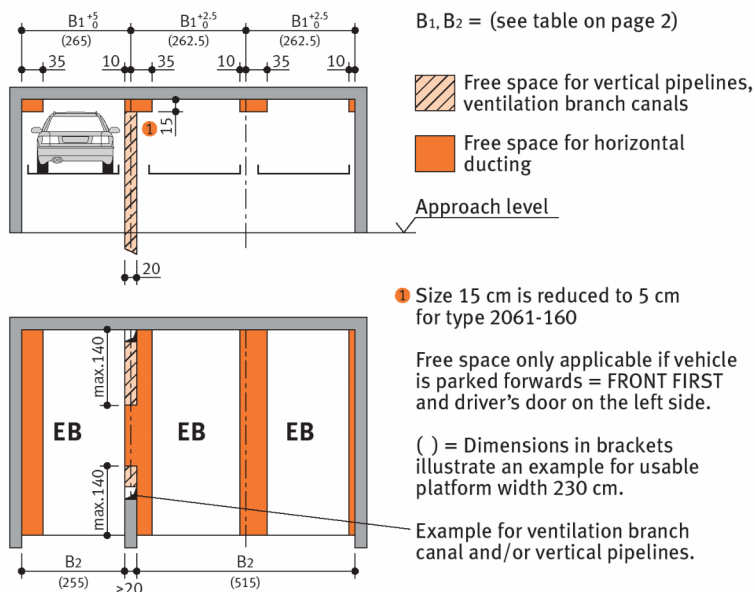
platform load	F1	F2	F3	F4	F5	F6
2,000 kg	30	1.1	7.4	0.5	7.7	±1
2,500 kg	35	1.3	8.9	0.6	9.3	±1

Forces in kN

! The steel pillar base can be selected optionally (short or long). Please make sure to note the corresponding forces that apply!  
Units are dowelled to the floor. Drilling depth: approx. 15 cm.  
Floor and walls are to be made of concrete (quality minimum C20/25)!

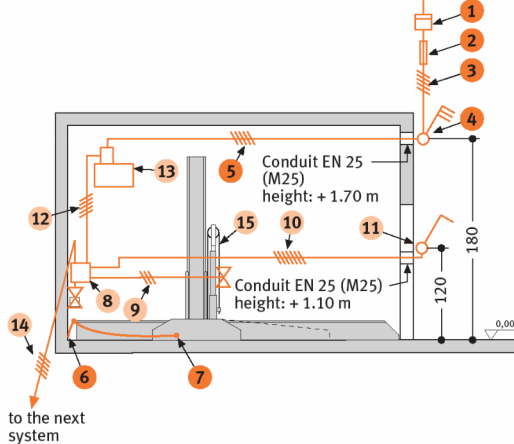
## Installation data

Free space for longitudinal and vertical ducts (e.g. ventilation)



## Electrical installation

## Installation diagram



## Electrical data (to be performed by the customer)

No.	Quantity	Description	Position	Frequency
1	1	Electricity meter	in the supply line	
2	1	Main fuse: 3 x fuse 16 A (slow) or circuit breaker 3 x 16 A (trigger characteristic K or C)	in the supply line	1 per unit
3	1	Supply line 5 x 2.5 mm² (3 PH + N + PE) with marked wire and protective conductor	to main switch	1 per unit
4	1	Lockable main switch	defined at the plan evaluation	1 per unit
5	1	Supply line 5 x 2.5 mm² (3 PH + N + PE) with marked wire and protective conductor	from main switch to unit	1 per unit
6	every 10 m	Foundation earth connector	corner pit floor	
7	1	Equipotential bonding in accordance with DIN EN 60204 from foundation earth connector to the system		1 per system

## Electrical data (included in delivery of Klaus Multiparking)

No.	Description
8	Terminal box
9	Control line 3 x 0.75 mm² (PH + N + PE)
10	Control line 7 x 1.5 mm² with marked wire and protective conductor
11	Operating device
12	Control line 5 x 1.5 mm² with marked wire and protective conductor
13	Hydraulic unit 3.0 kW, three-phase current, 400 V / 50 Hz
14	Control line 5 x 1.5 mm² with marked wire and protective conductor
15	Chain control

## Technical data

## Range of application

Generally, this parking system is not suited for short-time parkers (temporary parkers). Please do not hesitate to contact your local KLAUS agency for further assistance.

## Units

Low-noise power units mounted to rubber-bonded-to metal mountings are installed. Nevertheless we recommend that parking system's garage be built separately from the dwelling.

## Available documents

- wall recess plans
- maintenance offer/contract
- declaration of conformity
- test sheet on airborne and slid-borne sound

## Corrosion protection

See separate sheet regarding corrosion protection.

## Railings

If there are traffic routes next to or behind the installations, railings compliant to DIN EN ISO 13857 must be installed by the customer. Railings must also be in place during construction.

## Environmental conditions

Environmental conditions for the area of multiparking systems: Temperature range -10 to +40° C. Relative humidity 50 % at a maximum outside temperature of +40° C. If lifting or lowering times are specified, they refer to an environmental temperature of +10° C and with the system set up directly next to the hydraulic unit. At lower temperatures or with longer hydraulic lines, these times increase.

## Sound insulation

According to DIN 4109 (Sound insulation in buildings), para. 4, annotation 4, Klaus Multiparkings are part of the building services (garage systems).

## Normal sound insulation:

DIN 4109, para. 4, Sound insulation against noises from building services.

Table 4 in para. 4.1 contains the permissible sound level values emitted from building services for personal living and working areas. According to line 2 the maximum sound level in personal living and working areas must not exceed 30 dB (A). *Noises created by users are not subject to the requirements (see table 4, DIN 4109).*

The following measures are to be taken to comply with this value:

- Sound protection package according to offer/order (Klaus Multiparking GmbH)
- Minimum sound insulation of building  $R'_w = 57$  dB (to be provided by customer)

## Increased sound insulation (special agreement):

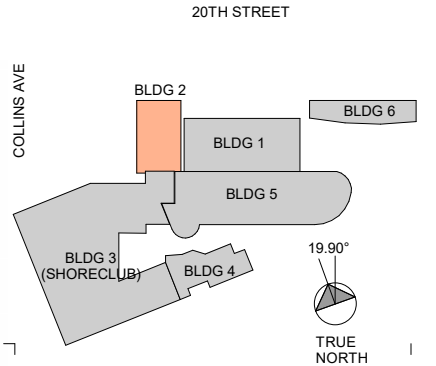
DIN 4109, Amendment 2, Information on planning and execution, proposals for increased sound insulation.

Agreement: Maximum sound level in personal living and working areas 25 dB (A). *Noises created by users are not subject to the requirements (see table 4, DIN 4109).*

The following measures are to be taken to comply with this value:

- Sound protection package according to offer/order (Klaus Multiparking GmbH)
- Minimum sound insulation of building  $R'_w = 62$  dB (to be provided by customer)

Note: User noises are noises created by individual users in our Multiparking systems. These can be noises from accessing the platforms, slamming of vehicle doors, motor and brake noises.



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## PARKING SYSTEM SPECIFICATIONS

Date: 7/25/2024	Sheet No. A-6.2
Scale:	
Project: 2104	

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