

CASE NO.21-18
PG AN ARCHIDECTS





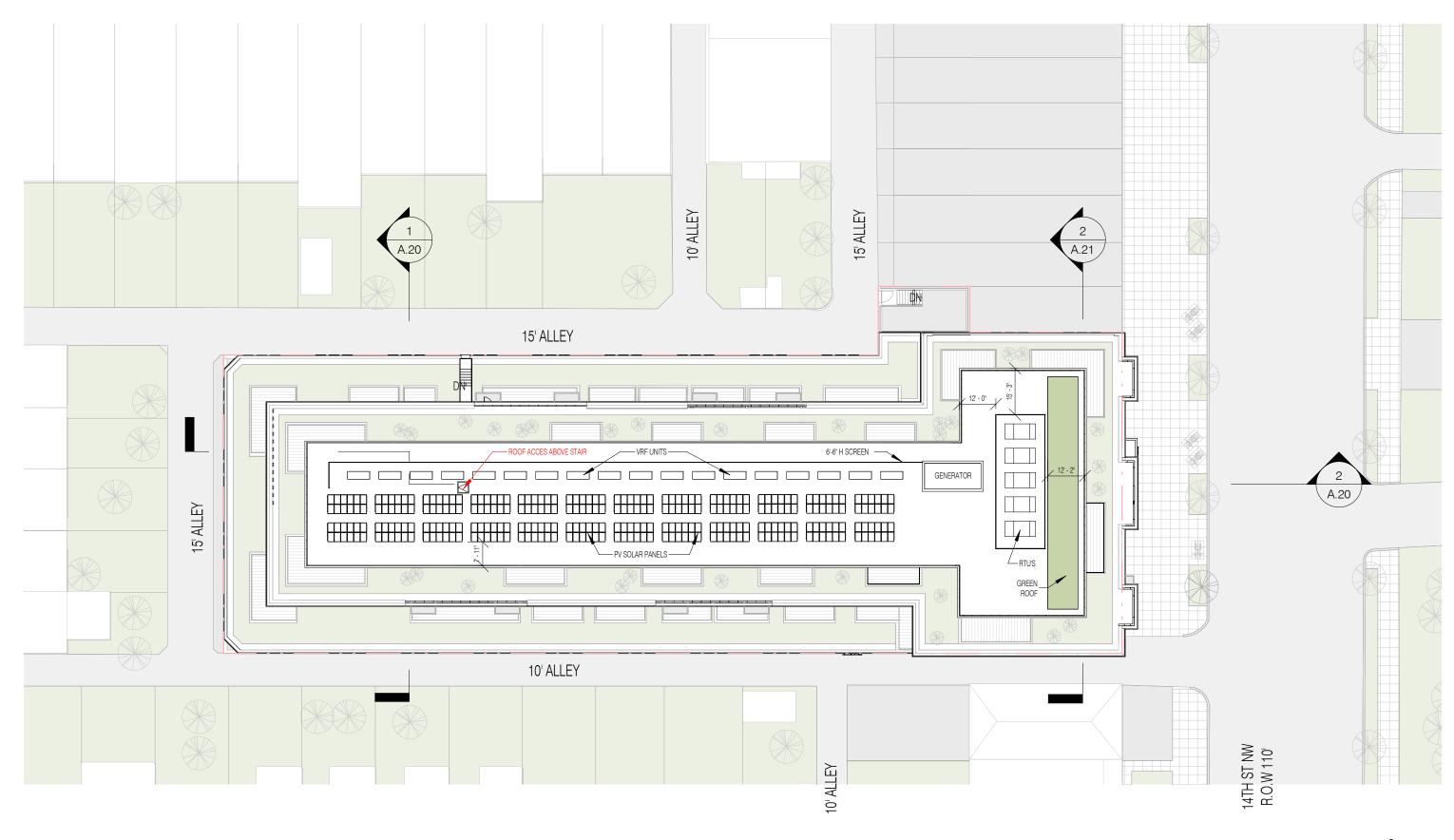
PGN ARCHITECTS



SCALE 1'=30'-0"
PENTHOUSE FLOOR PLAN A.16

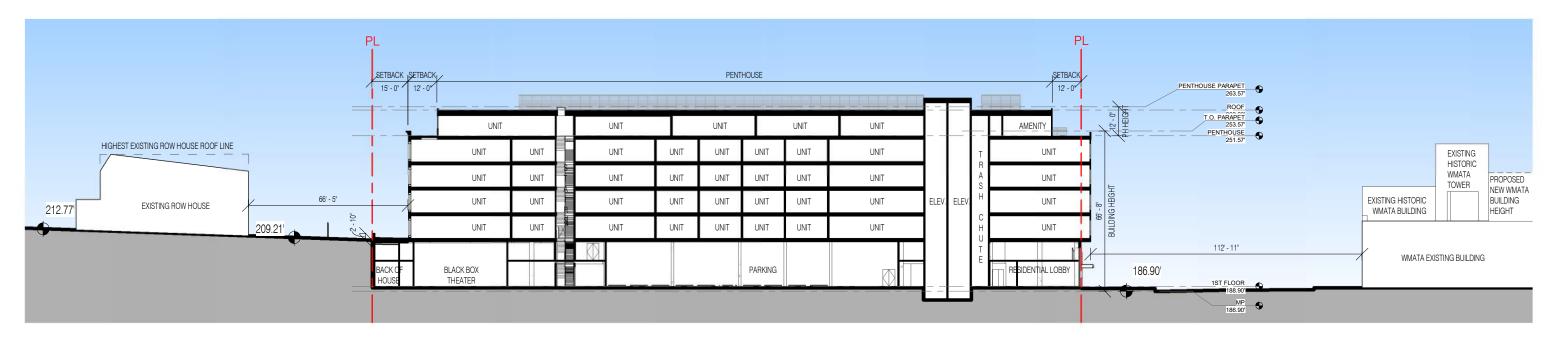
05/16/2022



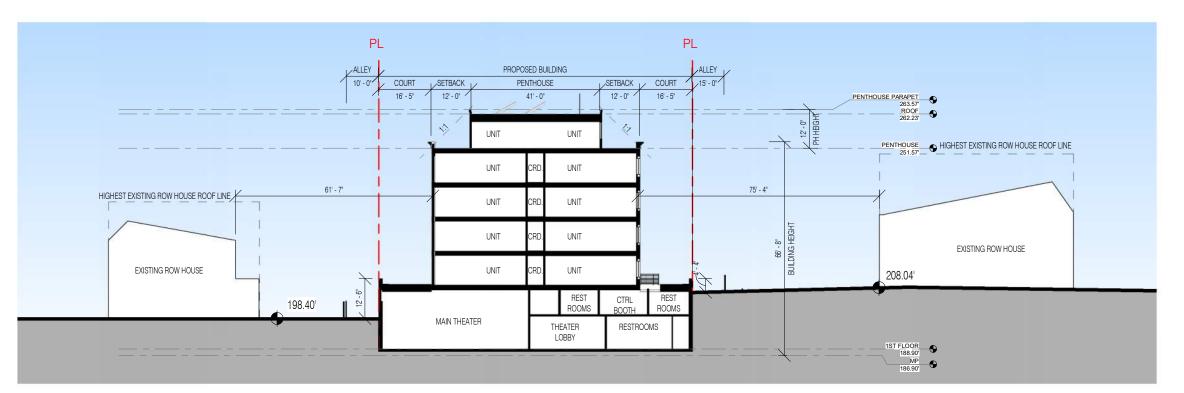


0 15' 30' 60' SCALE 1'=30'-0" ROOF PLAN A.17

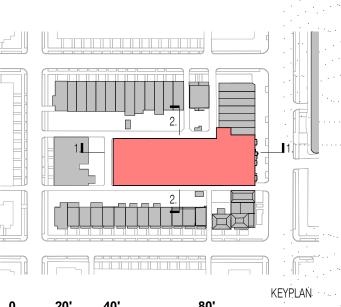
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1. LONGITUDINAL SITE SECTION



2. TRANSVERSE SITE SECTION



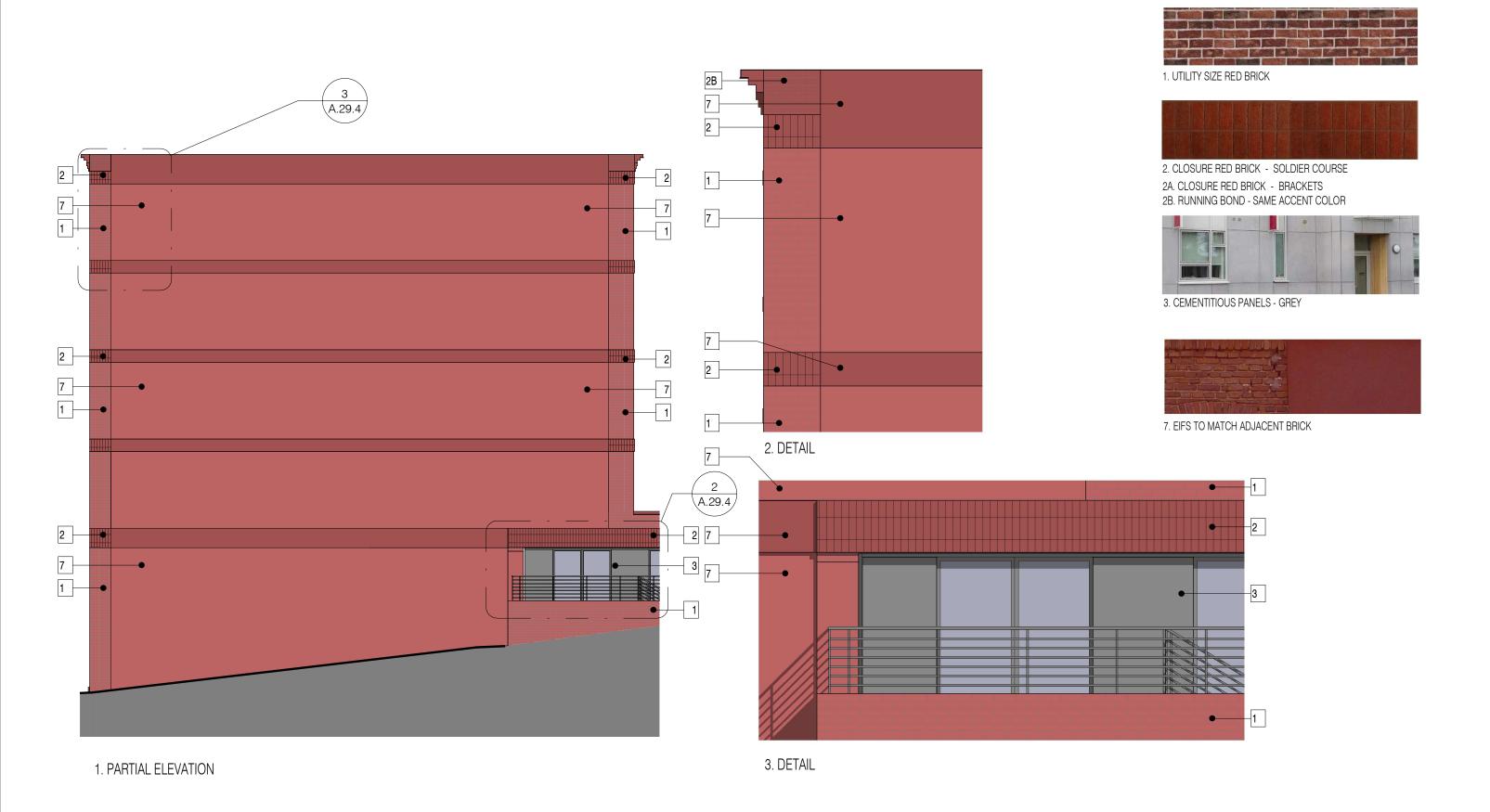
0 20' 40' 8
SCALE 1'=40'-0"

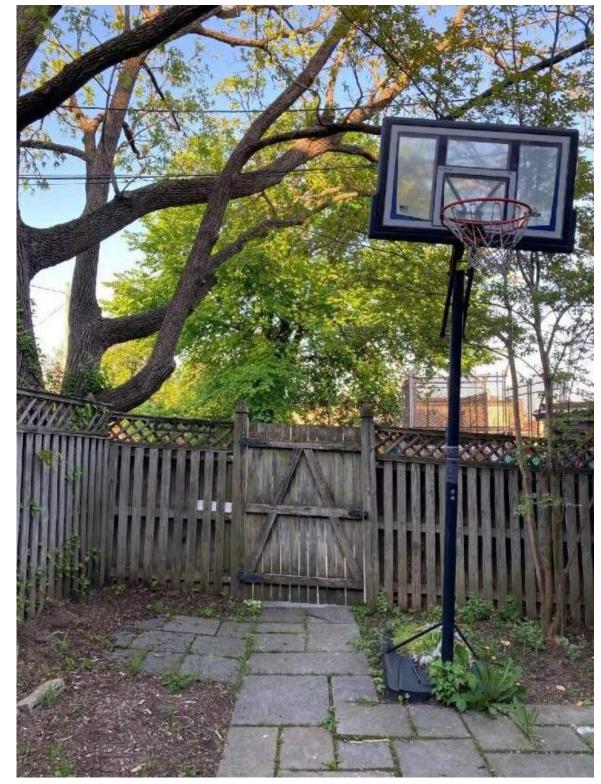
SITE SECTIONS A.23.1

4618 14TH STREET, NW

05/26/2022

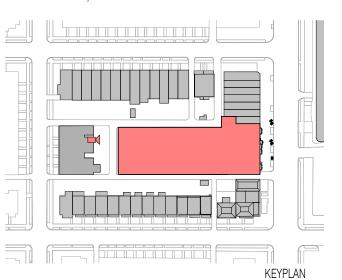






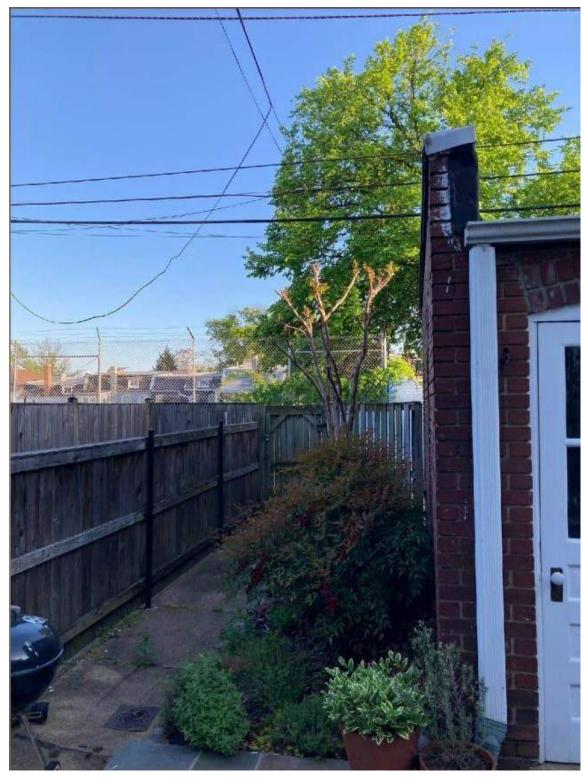


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EXISTING PROPOSED

BACKYARD VIEW NORTH A.40.1





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EXISTING

PROPOSED

4618 14TH STREET, NW

BACKYARD VIEW NW A.40.2

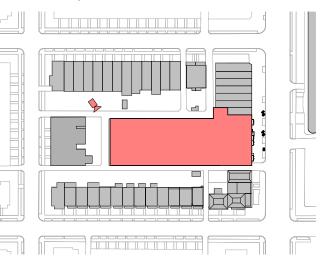
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KEYPLAN





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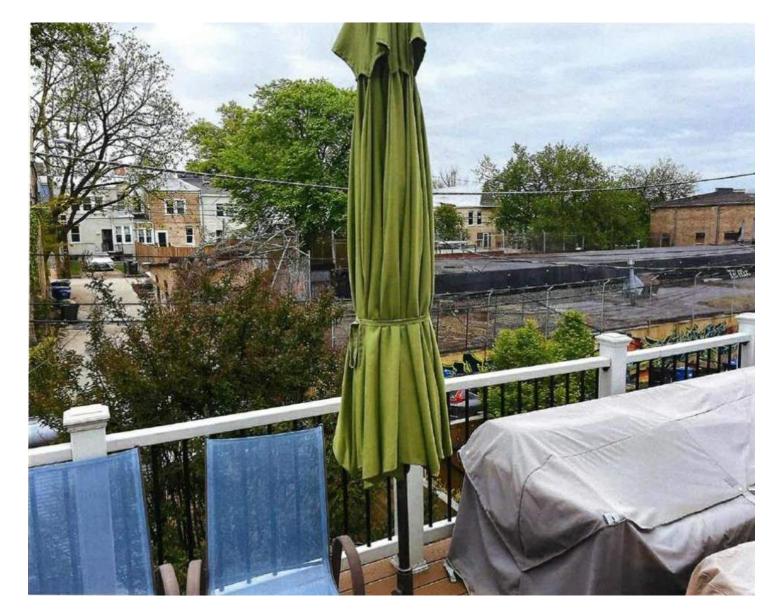


EXISTING PROPOSED

4618 14TH STREET, NW

BACKYARD VIEW WEST A.40.3

KEYPLAN





EXISTING

PROPOSED

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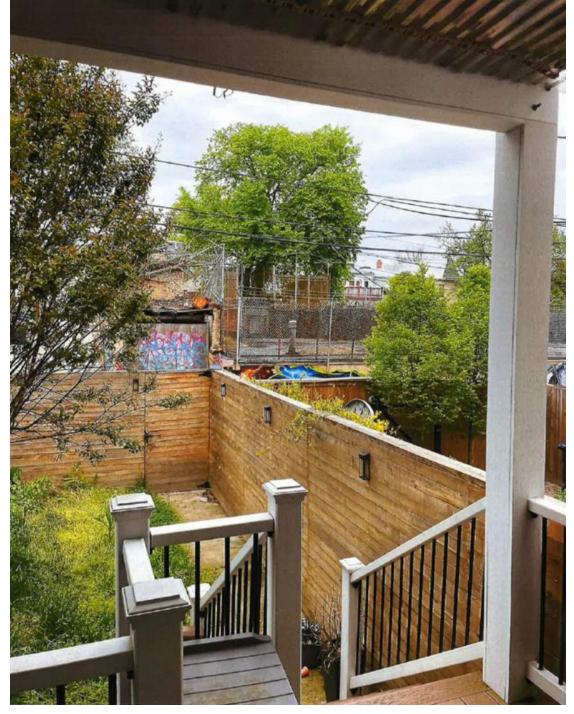


KEYPLAN

BACKYARD VIEW SW A.40.4

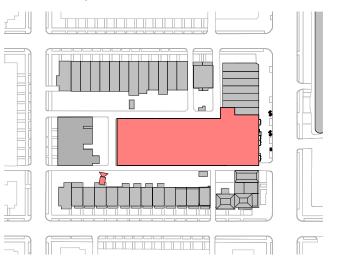
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EXISTING PROPOSED

BACKYARD VIEW SW 2 A.40.5

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SUNVENT CONNECTOR VENTS



FLB4D4



FLB4D



FLB4D4



COLOR TO MATCH ADJACENT MATERIAL-

EXCLUSIVE FEATURES

- Available in any special size to suit any job design
- Clear Anodized finish standard with Custom colors available
- Vent: Min .125" thick extruded aluminum sections; 1" deep overlapping blade set at 45° angle; continuous weepage along bottom
- Transition Box: Famco 28 ga Galvanized steel, with divider between damper portion and adjacent section
- <u>Damper</u>: Deflect-o Model BD04; White, Calcium filled Polypropylene, with a melting point of 325°

4618 14TH STREET, NW

BRICK VENT SPECIFICATION A.46.1

05/16/2022



Product Data

Dimensions, Technical Information and Performance Specification



trendvario 6300





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KLAUSmultiparking

Contents

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Symbols



Platforms accessible horizontally.



Maximum load per parking space in lbs.

Upweights above 4400 lbs possible with surcharge (see "Vehicle data", page 3).



Parking space load can be subsequently upweighted (see "Vehicle data", page 3).



Driven-through arrangement and can be combined with other TrendVario systems as a KombiSystem.

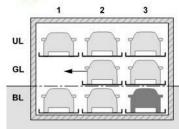


The quoted systems correspond to DIN EN 14010 and EU Machinery Directive 2006/42/EC. In addition, this system has undergone a voluntary conformity test by TÜV SÜD.

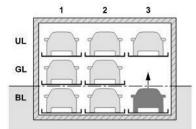
Function diagram with standard designation



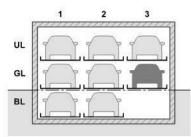
Example for vehicle on basement level (BL) of grid 3: Selection via the control panel; all doors must be closed. Representation of parking spaces in a row.



To remove the vehicle from the space in **grid 3/BL**, the GL platforms are moved to the



The empty space is now located above the vehicle being removed. The parking space in grid 3/BL is raised.



The vehicle in the space in **grid 3/BL** can now be removed.

Dimensional specifications & tolerances



All structural dimensions are minimum finished dimensions.

Tolerance for structural dimensions: +1.2/-0". Dimensions in inches (in).

The tolerances specified in the German Construction Contract Procedures (VOB), Part C (DIN 18330 and 18331) as well as DIN 18202 must also be taken into account in order to adhere to the minimum finish dimensions.

Product Data | TrendVario 6300 | 590.00.580 | 06/2021 | English-US

MECHANICAL PARKING SPECIFICATION A.46.2

9



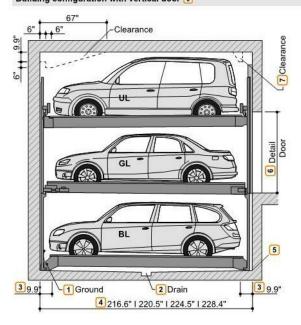
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05/16/2022



Overview of building design

Building configuration with vertical door 6



- 1 Equipotential bonding from the foundation ground connection to the system (provided by customer).
- 2 Slope with water collection channel(see "Drainage", page 12).
- 3 These areas must be horizontal and on the same level in the entire
- 4 = 216.6" for vehicles up to 196.9" in length
- 220.5" for vehicles up to 200.8" in length
- 224.5" for vehicles up to 204.8" in length
- 228.4" for vehicles up to 208.7" in length

Shorter designs possible upon request. Observe local regulations for parking space length!

So that you can conveniently use your parking space and due to the ever increasing length of vehicles, we recommend a pit length

- 5 Grooves/concrete haunches are not possible at the transition from the pit floor and the walls. If grooves/concrete haunches are required, then the system must be narrower or the pits wider.
- 6 Detail of door and additional door variants (see "Configuration with vertical door", page 5 and see "Configuration with sliding door",



If sprinklers are required, the customer must leave sufficient clearance during the construction phase.

Vehicle data

Parking options

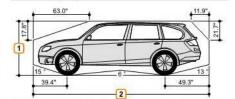
Production vehicles:

Sedan, station wagen, SUV, and van as per clearance gauge and maximum parking space

	UL GL BL3						
Weight 4	4400 lbs	5720 lbs	6600 lbs				
Wheel load	1100 lbs	1430 lbs	1650 lbs				

- 1 Vehicle height (see "Overview of system types & ceiling heights", page 4)
- 2 Vehicle length (see "Overview of building design", page 3)
- 3 UL = upper level | GL = ground level | BL = basement level
- 4 Individual parking spaces can also be subsequently upweighted to 6,600 lbs.

Clearance gauge



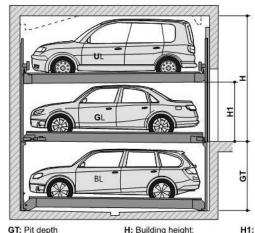
Vehicle width of 74.9" with a platform width of 90.6". Wider platforms allow correspondingly wider vehicles to



Overview of system types & ceiling heights



The permissible GL vehicle height must be greater than or equal to the BL vehicle height.



Туре	GT	BL vehicle height
6300 / 175	68.9"	59.1"
6300 / 180	70.9"	61.1"
6300 / 185	72.9"	63.0"
6300 / 190	74.9"	65.0"
6300 / 195	76.8"	67.0"
6300 / 200	78.8"	68.9"
6300 / 205	80.8"	70.9"
6300 / 210	82.7"	72.9"
6300 / 215	84.7"	74.9"
6300 / 220	86.7"	76.8"
6300 / 225	88.6"	78.8"
6300 / 230	90.6"	80.8"
6300 / 235	92.6"	82.7"
6300 / 240	94.5"	84.7"

GT: Pit de	epth	н	: Buildi	ng heigh	nt:	н	11: Head	droom								
	GL vehi-	UL vehicle heigh					eight									
H1	cle height	59.1"	61.1"	63.0"	65.0"	67.0"	68.9"	70.9"	72.9"	74.9"	76.8"	78.8"	80.8"	82.7"	84.7"	86.7"
61.1"	59.1"	128.0	130.0	131.9	133.9	135.9	137.8	139.8	141.8	143.8	145.7	147.7	149.7	151.6	153.6	155.6
63.0"	61.1"	130.0	131.9	133.9	135.9	137.8	139.8	141.8	143.8	145.7	147.7	149.7	151.6	153.6	155.6	157.5
65.0"	63.0"	131.9	133.9	135.9	137.8	139.8	141.8	143.8	145.7	147.7	149.7	151.6	153.6	155.6	157.5	159.5
67.0"	65.0"	133.9	135.9	137.8	139.8	141.8	143.8	145.7	147.7	149.7	151.6	153.6	155.6	157.5	159.5	161.5
68.9"	67.0"	135.9	137.8	139.8	141.8	143.8	145.7	147.7	149.7	151.6	153.6	155.6	157.5	159.5	161.5	163.4
70.9"	68.9"	137.8	139.8	141.8	143.8	145.7	147.7	149.7	151.6	153.6	155.6	157.5	159.5	161.5	163.4	165.4
72.9"	70.9"	139.8	141.8	143.8	145.7	147.7	149.7	151.6	153.6	155.6	157.5	159.5	161.5	163.4	165.4	167.4
74.9"	72.9"	141.8	143.8	145.7	147.7	149.7	151.6	153.6	155.6	157.5	159.5	161.5	163.4	165.4	167.4	169.3
76.8"	74.9"	143.8	145.7	147.7	149.7	151.6	153.6	155.6	157.5	159.5	161.5	163.4	165.4	167.4	169.3	171.3
78.8"	76.8"	145.7	147.7	149.7	151.6	153.6	155.6	157.5	159.5	161.5	163.4	165.4	167.4	169.3	171.3	173.3
80.8"	78.8"	147.7	149.7	151.6	153.6	155.6	157.5	159.5	161.5	163.4	165.4	167.4	169.3	171.3	173.3	175.2
82.7"	80.8"	149.7	151.6	153.6	155.6	157.5	159.5	161.5	163.4	165.4	167.4	169.3	171.3	173.3	175.2	177.2
84.7"	82.7"	151.6	153.6	155.6	157.5	159.5	161.5	163.4	165.4	167.4	169.3	171.3	173.3	175.2	177.2	179.2

Configuration example								
Example con	figuration 1:		Example conf	figuration 2:				
UL vehicle:	59.1"	>	UL vehicle:	63"	>			
GL vehicle:	74.9"	Type: 6300 / 200 - 195 Height: 143.8"	GL vehicle:	63.0"	•	Type: 6300 / 205 - 165 Height: Selection not possible!		

BL vehicle:

86.7" 84.7" 153.6 155.6 157.5 159.5 161.5 163.4 165.4 167.4 169.3 171.3 173.3 175.2 177.2 179.2 181.2



BL vehicle:

Configuration 2 is not possible as the maximum permissible vehicle on GL is smaller than the vehicle on BL. As such, the larger BL vehicle cannot drive in.

Product Data | TrendVario 6300 | 590.00.580 | 06/2021 | English-US

4618 14TH STREET, NW

Product Data TrendVario 6300 | 590.00.580 | 06/2021 | English-US

68.9"

MECHANICAL PARKING SPECIFICATION A.46.3

05/16/2022



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70.9"