



# Widths – Detail X for Garages with Sliding Doors (Standard)

**Series P 110**

All space requirements are minimum finished dimensions in inch

	Columns per Each Grid Unit	Columns Every Second Grid Unit	Detail X
Sliding Door Behind Columns			
Sliding Door Between Columns	<p>not available</p>		
Sliding Door in Front of Columns			

\*in accordance with local regulations

Grid unit width **must** strictly conform to dimensions quoted!

	Usable Platform Width	Grid Unit Width RB	Sliding Door Behind Columns		Sliding Door Between Columns		Sliding Door in Front of Columns	
			B <sub>1</sub>	B <sub>2</sub>	B <sub>3</sub>	B <sub>4</sub>	B <sub>5</sub>	B <sub>6</sub>
Columns per Each Grid Unit (e.g. where S = 20)	7'7"	8'3"	8'3"	7'7"			8'3"	7'7"
	7'11"	8'7"	8'7"	7'11"			8'7"	7'11"
	8'3"	8'11"	8'11"	8'3"			8'11"	8'3"
Columns Every Second Grid Unit (e.g. where S = 20)	7'7"	8'3"	16'6"	15'9"	16'6"	15'9"	16'6"	15'9"
	7'11"	8'7"	17'1"	26'6"	17'1"	16'6"	17'1"	16'6"
	8'3"	8'11"	17'9"	17'1"	17'9"	17'1"	17'9"	17'1"

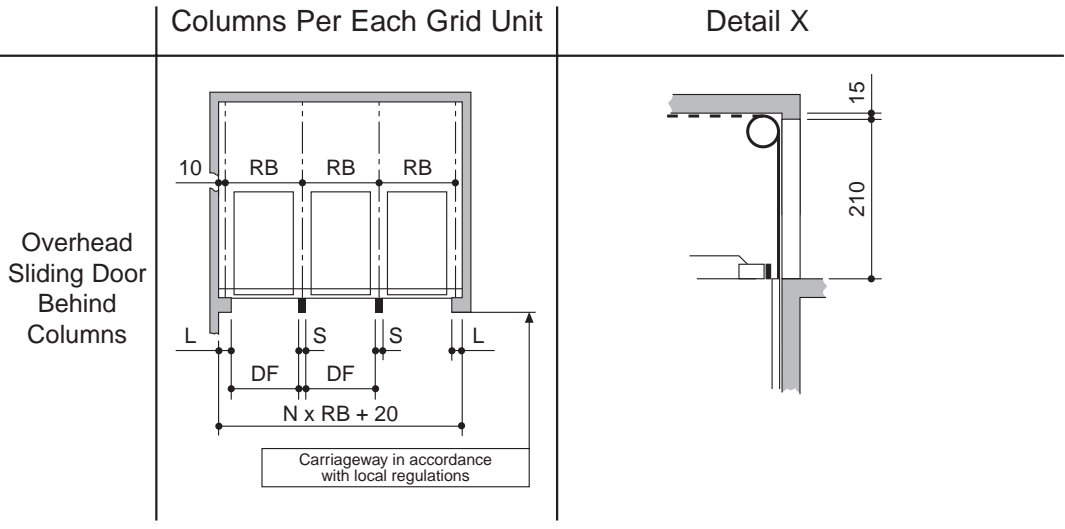
Standard width = Parking space width 7'7"

N = Number of grid units

# Widths – Detail X for Garages with Overhead Sliding Doors

**Series P 110**

All space requirements are minimum finished dimensions in inch



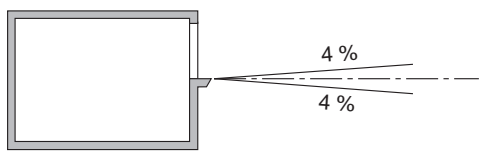
Overhead Sliding Door Behind Columns

Grid unit width **must** strictly conform to dimensions quoted!

	Usable Platform Width	Grid Unit Width RB	Overhead Sliding Door Behind Columns		
			DF	L	S
Columns Per Each Grid Unit	7'7"	8'3"	7'7"	8"	8"
	7'11"	8'7"	7'11"	8"	8"
	8'3"	8'11"	8'3"	8"	8"

DF = door entrance width

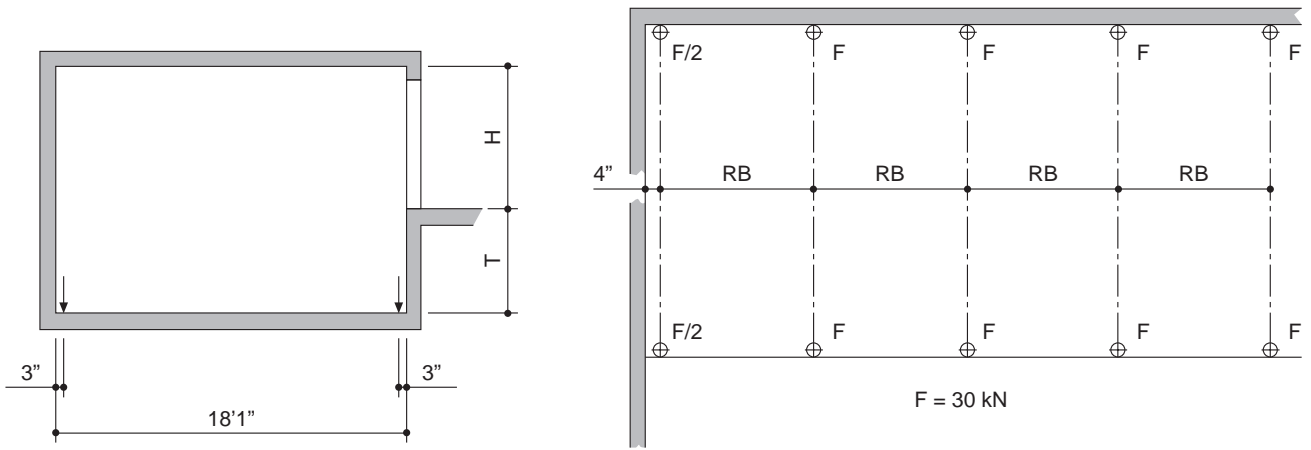
## Approach



These illustrated maximum approach angles must NOT be exceeded. Incorrect approach angles will cause **SERIOUS MANEUVRING & POSITIONING PROBLEMS** on the car parking system for which the local agency of Klaus accepts no responsibility.

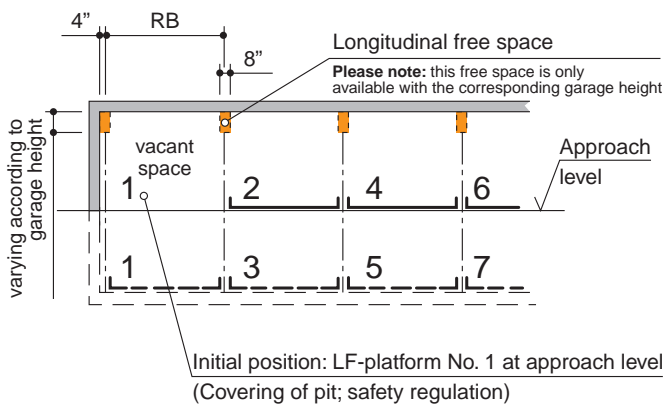
## Load Plan

Forces in kN

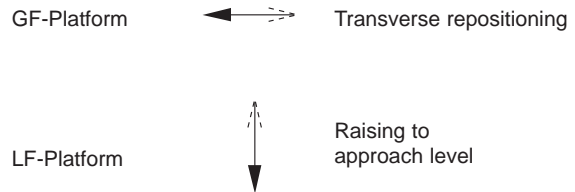


System is bolted to the floor: Drilling depth approx. 6".  
 System is supported on the walls: Drilling depth approx. 5".

Longitudinal Free Space; Standard Parking Space Numbers; Denomination



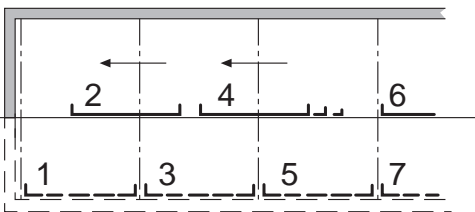
Directions of movement



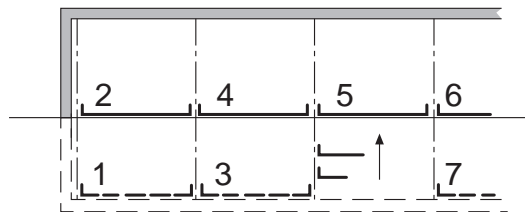
Functional Diagram of Operating Sequence

(e.g. for parking space No. 5)

1. Check first that all doors are closed, then select No. 5 on operating panel.

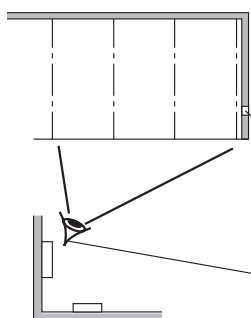


2. GF-platforms Nos. 2 & 4 move to the left as soon as platform No. 1 has descended.



3. LF-platform may be raised into obtained vacant space at approach level. After the platform has been fully raised, the door may be opened manually.

Electrical Data



Control Box:

- accessible from outside
- dimensions approx. 3'4" x 3'4" x 12"
- electrical wiring 5 x 2.5 mm<sup>2</sup>
- cutting through of wall from control box to parking system (contact the local agency of Klaus for clarification)
- parking system fully visible from control box

Operating Panel:

- easy-to-survey positioning (e.g. on column)
- protection against unauthorized use
- may also be recessed in wall if required

Technical Data as of:

Issue 04/99

We reserve the right to change this specification without further notice.

Stamp

To be effected by customer:

- electrical wiring to control box
- consecutive numbering of the parking spaces

The following document may be provided upon request:

- test sheet on airborne and solid-borne sound
- declaration of conformity