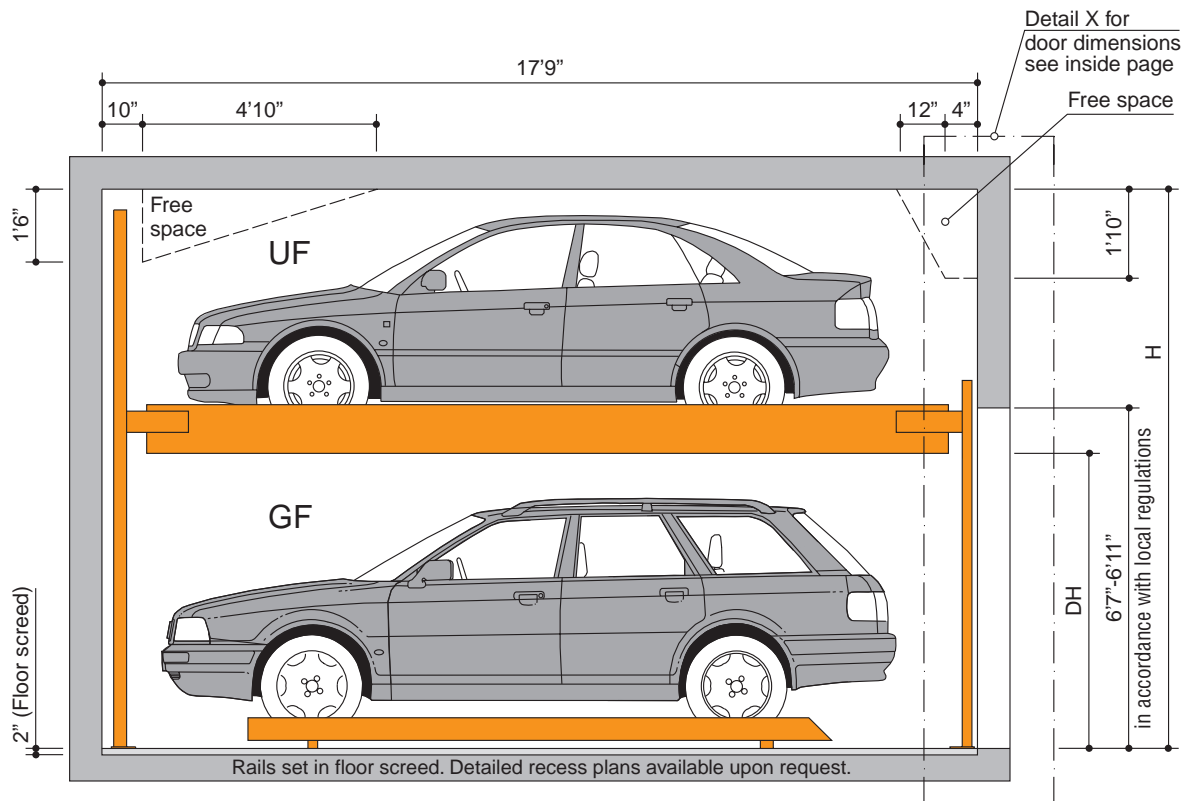


Garage Cross Section

Space requirements are minimum finished dimensions in inch



Tolerances for the evenness of the carriageway (floor) must be strictly complied with in accordance with DIN (=German Industrial Standard) No. 18202, chart 3, line 3.

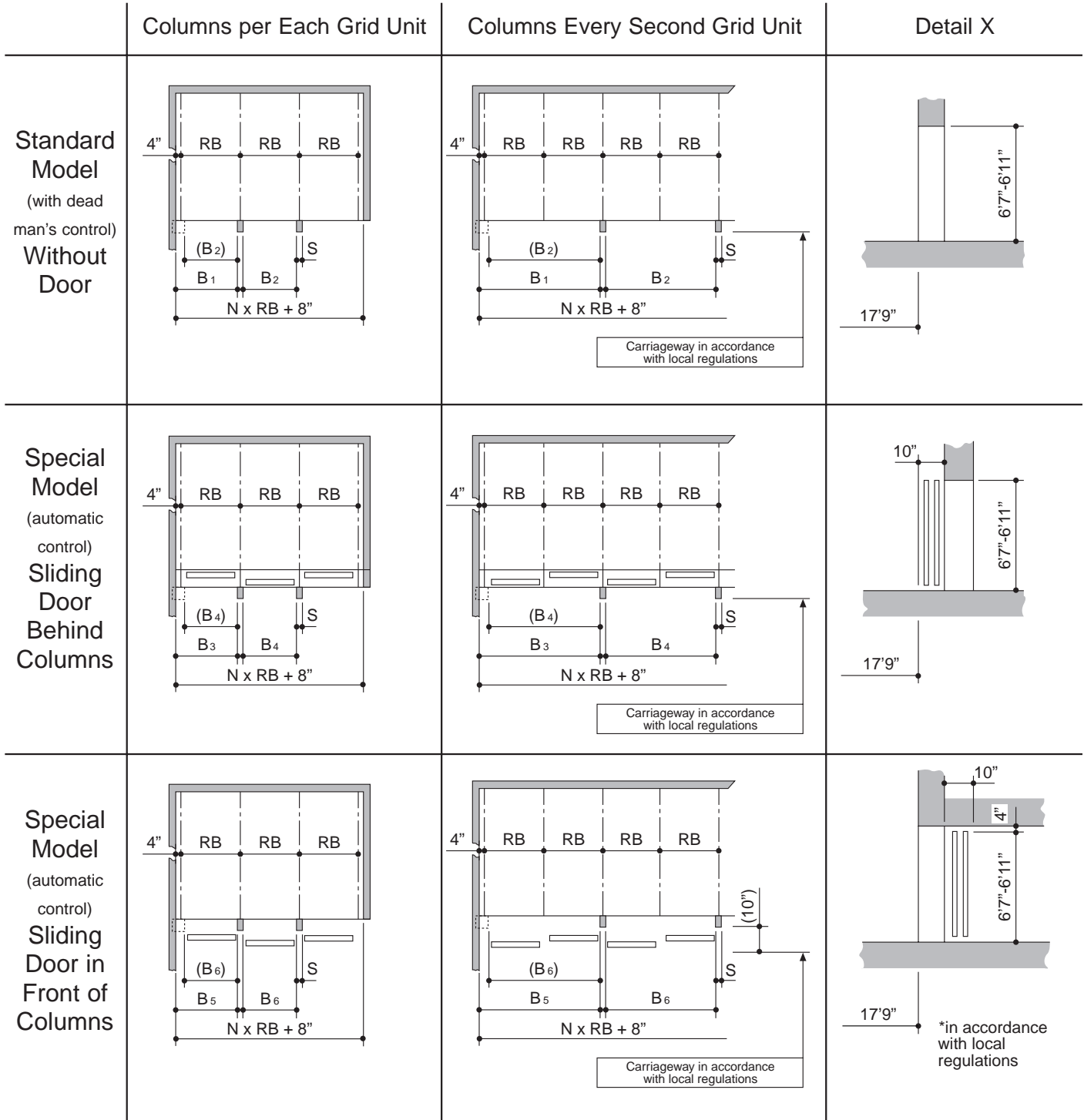
Type	H	DH	Suitable for	Maximum vehicle dimensions
P 210-345	11'4"	5'7"	UF: max. vehicle height 4'12" } standard passenger vehicle GF: max. vehicle height 5'5" } and station wagon	Length 16'5" Height see chart Weight 2,000 kg Wheel load 500 kg
P 210-405	13'4"	6'11"	UF: max. vehicle height 5'9" } standard passenger vehicle GF: max. vehicle height 6'7" } and station wagon	

If dimension H (height) is changed, correspondingly different vehicle heights on the ground floor (GF) or correspondingly changed free spaces

Widths – Detail X for Garages With/without Sliding Doors

Series P 210

All space requirements are minimum finished dimensions in inch



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

	Usable Platform Width	Grid Unit Width RB	Standard: Without Door		Sliding Door Behind Columns		Sliding Door in Front of Columns	
			B ₁	B ₂	B ₃	B ₄	B ₅	B ₆
Columns per Each Grid Unit (e.g. where S = 20)	7'7"	8'3"	8'3"	7'7"	8'3"	7'7"	8'3"	7'7"
	7'11"	8'7"	8'7"	7'11"	8'7"	7'11"	8'7"	7'11"
	8'3"	8'11"	8'11"	8'3"	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"	16'6"	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"

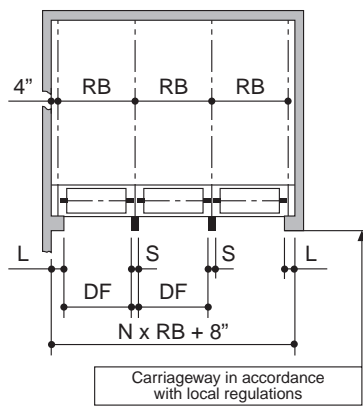
N = Number of grid units

Widths – Detail X for Garages with Roll Doors

Series P 210

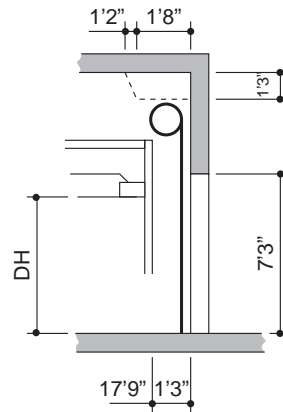
All space requirements are minimum finished dimensions in inch

Columns Per Each Grid Unit



Roll Door Behind Columns

Detail X



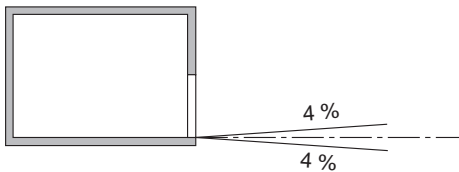
Headroom DH	Roll Door Height
175	263
210	300

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

	Usable Platform Width	Grid Unit Width RB	Roll 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

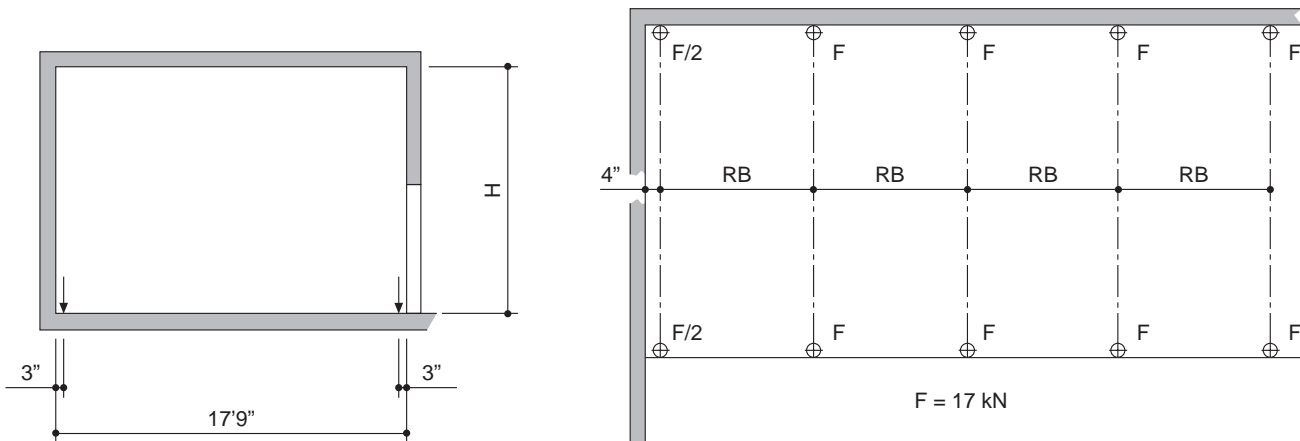
Approach



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

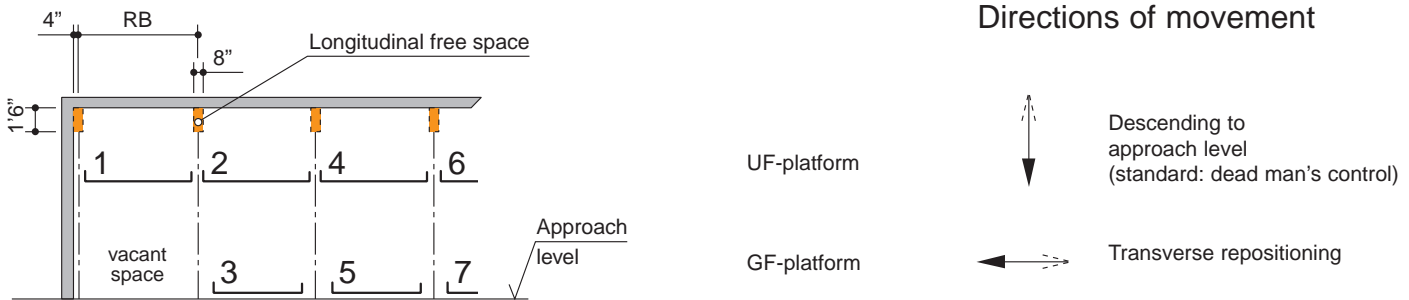
Load Plan

Forces in kN



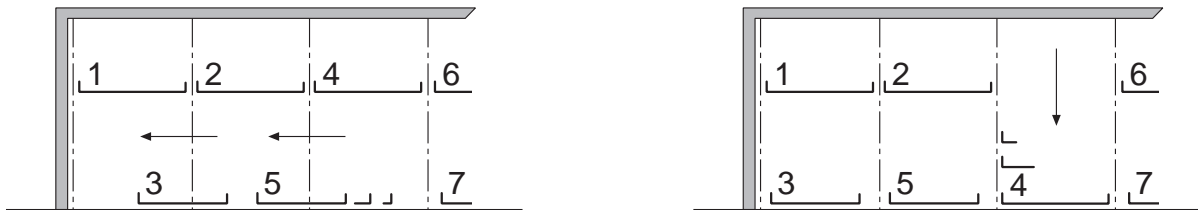
System is bolted to the floor: Drilling depth approx. 6".
 System is supported on the walls: Drilling depth approx. 5".

Longitudinal Free Space; Standard Parking Space Numbers; Denomination



Functional Diagram of Operating Sequence

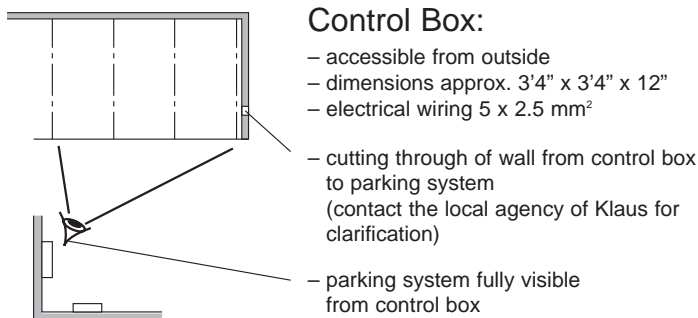
(e.g. for parking space No. 4): 1. Taking care not to interrupt the safety light barrier in front of the parking system, select No. 4 on the operating panel.



2. GF-platforms Nos. 3 & 5 move to the left

3. At the obtained vacant space the UF-platform may be lowered to approach level. This operation is carried out via dead man's control as a standard.

Electrical Data



Control Box:

- accessible from outside
- dimensions approx. 3'4" x 3'4" x 12"
- electrical wiring 5 x 2.5 mm²
- 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 11/98

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