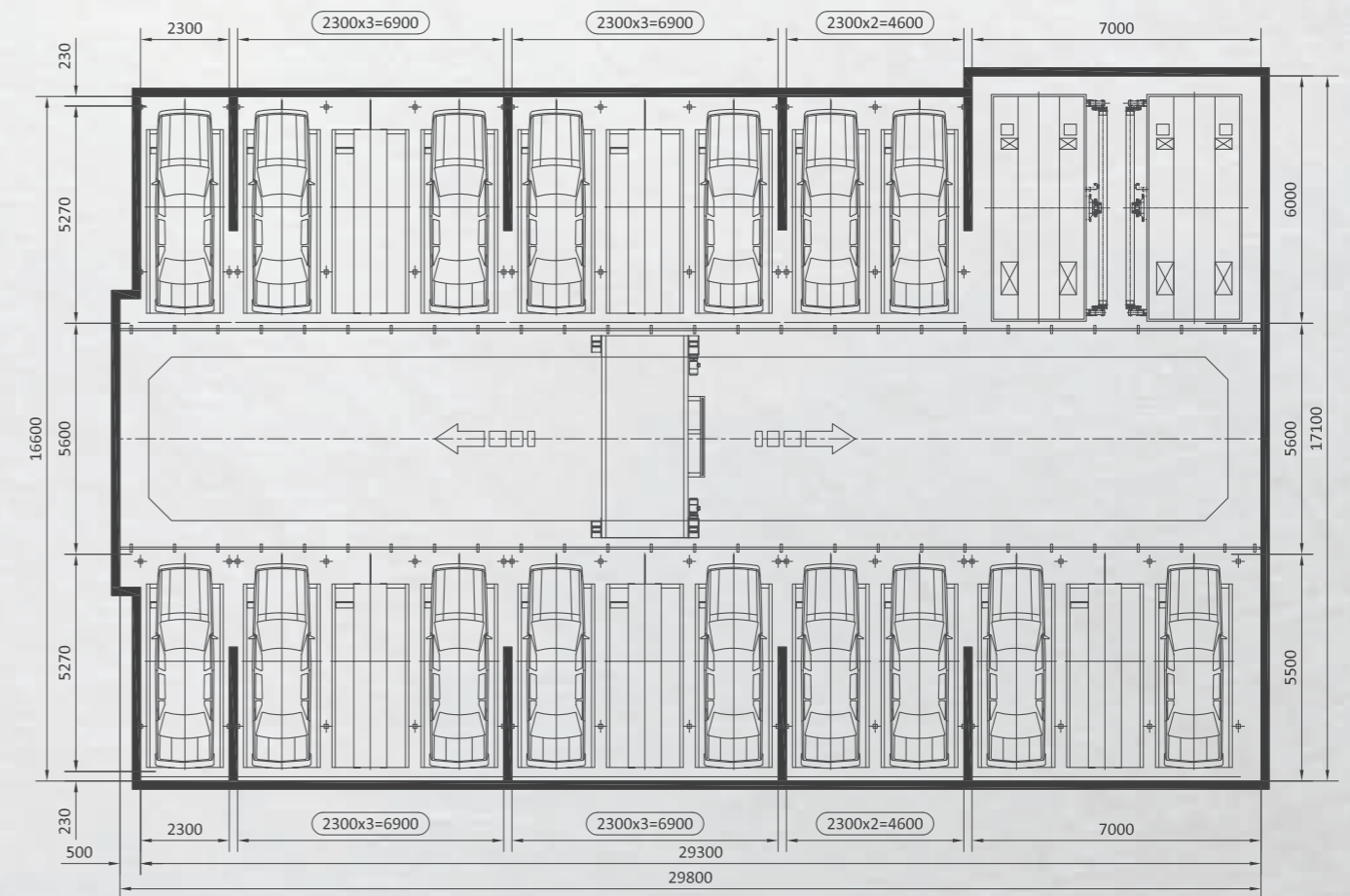
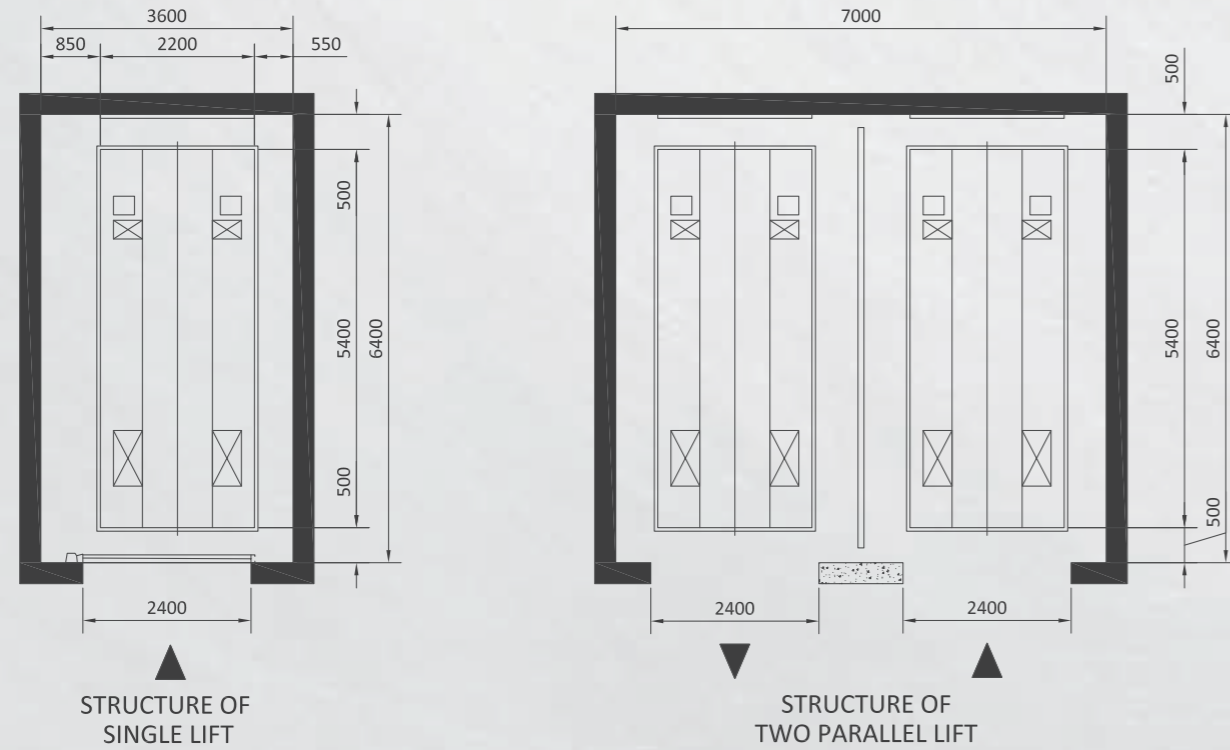


SHUTTLE SYSTEM

RR-SH-00064

STEEL STRUCTURE BASED - LENGTHWISE

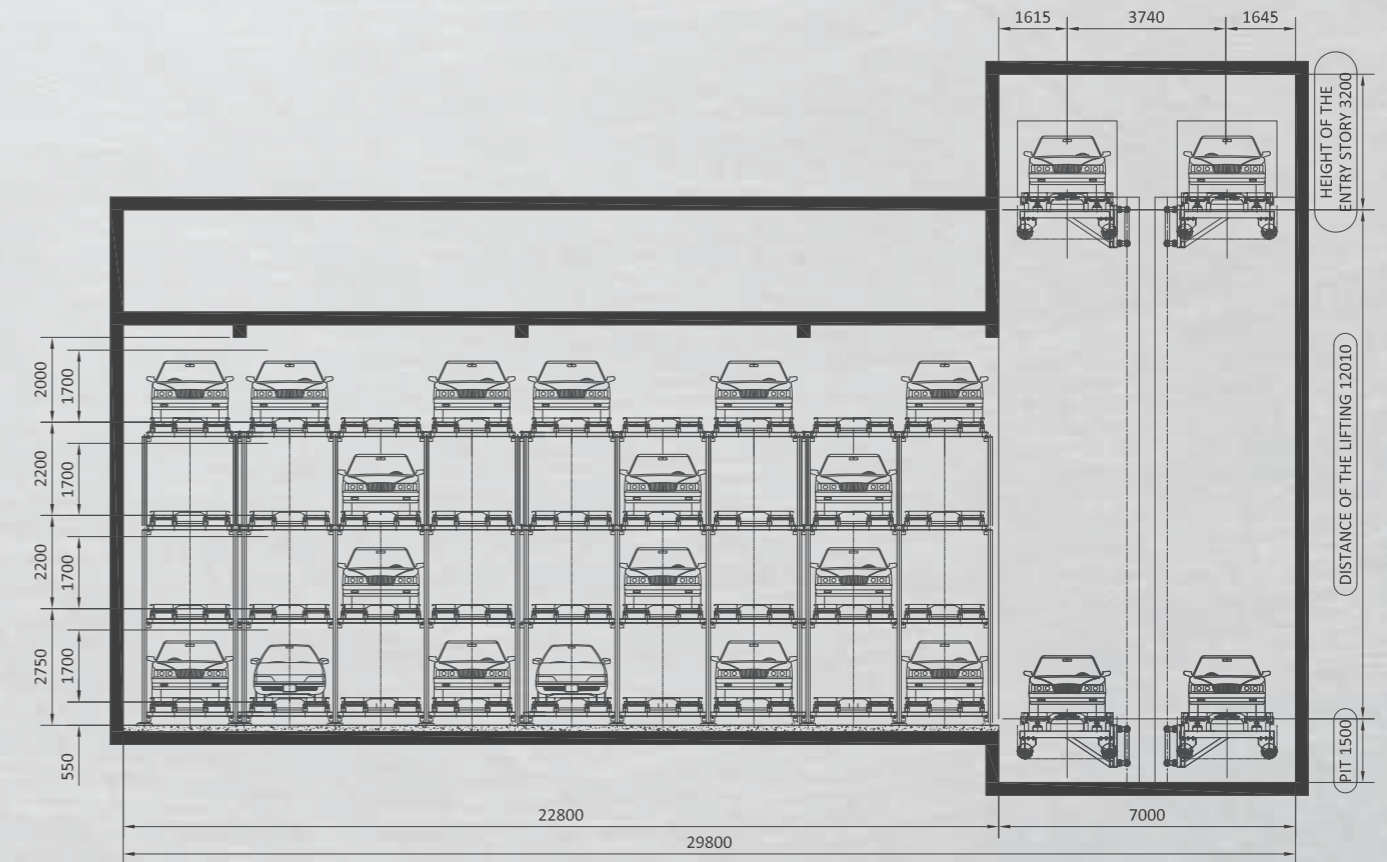
GROUND PLAN OF THE ENTRY PART



STANDARD DETAILS OF THE PARKING FACILITIES

The sort and form of the parking equipment		Multi-floor type (pallet type)
Available dimension of cars		5200(L) x 2150(W) x 1600(H) / 2150Kg
The Details of the hoisting drive part	the hoisting motor	22kW x 4P & D.C Brake
	the hoisting speed reducer	HELICAL i=1/33
The details of the CART	the hoisting speed	45 - 60m/min (in proportion to the lifting distance)
	the method of hoisting	8 piece wire ropes, 2:1 roping method
	the drive motor	1.5kW x 4P & D.C Brake, 2Set
	the drive speed	80 - 120m/min (in proportion to the travelling distance)
	the method of moving	MC Wheel (the direct drive type)
	the horizontal movement motor	1.5kW x 4P & D.C Brake, 1 Set
The Details of the Electrically Controlling Part	the horizontal moving speed	30m/min (the rating speed)
	the loading motor	0.75kW x 4P & D.C Brake
	the picking motor	0.4kW x 4P & D.C Brake
	the type of picking	Rack & Pinion (the direct drive type)
Power	the motor controlling machine	IGBT Inverter
	the form of operation control	PLC type (Basically included)
	the operation method	Touch Screen & Computer
The gateway AUTO DOOR		2600(W) x 1800(H) 2 Up Slide
Safety Devices	The induction and the guidance lights at the entrance	
	The automobile guidance mirror	
	The sensor detecting the location of automobiles at the entry story	
	The sensor detecting the cutting of the hoisting wire	
	The system for preventing over-run of the lifts and carts	
	The emergency stop switch	
The system for securing safe operation and more...		

* Drawings may be changed according to dimensions of the vehicle that is accepted in the parking facilities.

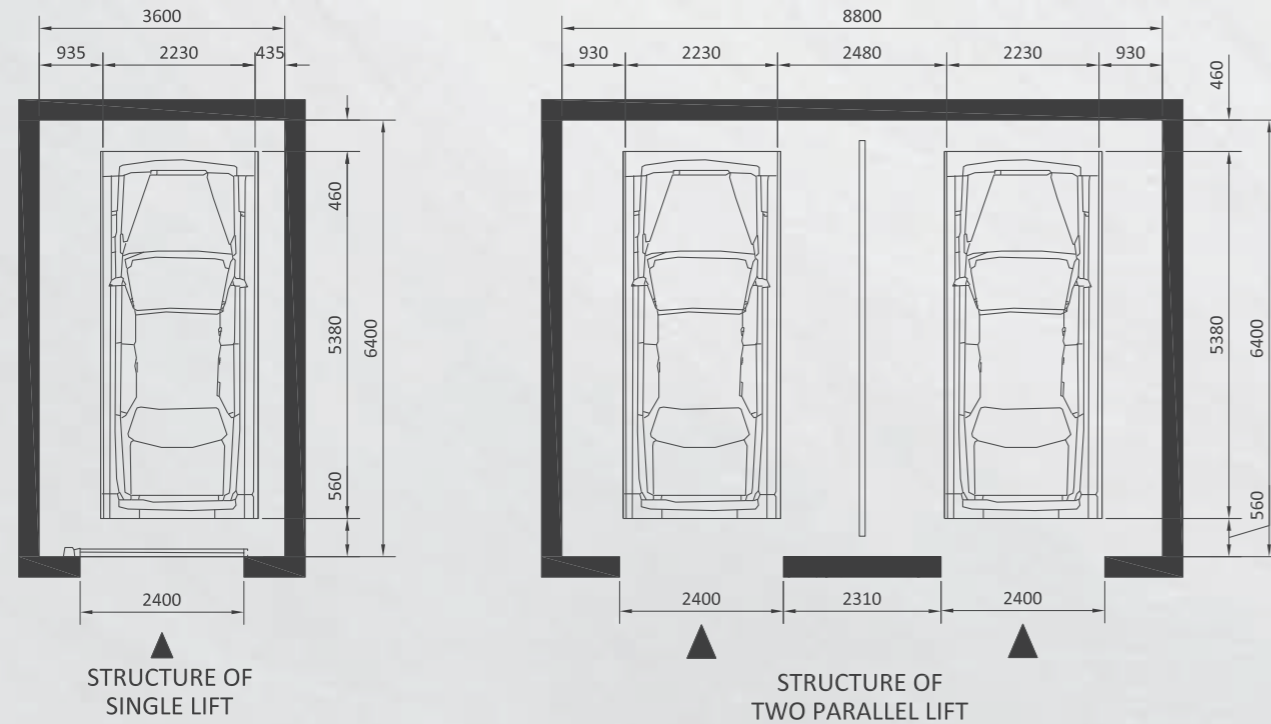


SHUTTLE SYSTEM

RR-SH-10040

STEEL STRUCTURE BASED - BREADTHWISE

GROUND PLAN OF THE ENTRY PART



STANDARD DETAILS OF THE PARKING FACILITIES

Capacity		A minimum of 10 cars – unlimited (a maximum of 70 cars per lift)
The sort and form of the parking equipment		The multi-floor type (pallet type)
Available dimension of cars	the total length	5200mm
	the total width	2150mm (including a side mirror)
	the total height	1600mm
	the weight	2150Kg
LIFT	the hoisting motor	22kW x 4P & D.C Brake
	the hoisting speed	45 ~ 60m/min (in proportion to the lifting distance)
	the horizontal movement motor	1.5kW x 4P & D.C Brake
	the horizontal movement speed	45m/min (the rating speed)
CART	the running motor	1.5kW x 4P & D.C Brake, 1 Set
	the running speed	80 ~ 120m/min (in proportion to the travelling distance)
	the horizontal movement motor	1.5kW x 4P & D.C Brake, 1 Set
	the horizontal moving speed	30m/min (the rating speed)
	the picking motor	0.4kW x 4P & D.C Brake
The Details of the Electrically Controlling Part	the type of picking	Rack & Pinion (the direct drive type)
	the motor controlling machine	IGBT Inverter
	the form of operation control	PLC type (Bacically included)
	the form of manipulation	Touch Screen or Computer (Optional)
Power	the source of power	three phase, AC 440V, 50Hz & three phase, AC 220V
Safety Devices		The induction and the guidance lights at the entrance
		The mirror guiding automobiles
		The sensor detecting the location of automobiles at the entry story
		The sensor detecting the cutting of the hoisting wire
		The system for preventing over-run of the lifts and carts
		The emergency stop switch
	The system for securing safe operation and more...	

* Drawings may be changed according to dimensions of the vehicle that is accepted in the parking facilities.

