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## **Safety and Speedy Car Parking Systems**

# **PROJECT - IRAN 1**

## **[Tower Parking System]**

27.01.2012

# Safety and Speedy Car Parking Systems

## TOWER PARKING SYSTEM - SPECIFICATION

TYPE		DABWOO ROYAL CART PARKING										
PARKING SPACES		148 Bays / 2 system ( not including 12 Standby bays )										
		SEDAN-M					SEDAN-L					S.U.V.
ADMISSIBLE CAR	LENGTH	5000	MM	5200	MM	5200	MM	5200	MM	5200	MM	MM
	WIDTH	2040 (MIRROR)	MM	2080 (MIRROR)	MM	2080 (MIRROR)	MM	2120 (MIRROR)	MM	2120 (MIRROR)	MM	MM
	HEIGHT	1550	MM	1550	MM	1550	MM	2050	MM	2050	MM	MM
	WEIGHT	1850	KG	2200	KG	2200	KG	2200	KG	2200	KG	KG
UP-DOWN	MOTOR	18.5KW X 4P, 22KW X 4P, 37KW X 4P										
	REDUCER	HELLICAL GEAR REDUCER										
	SPEED	45-75 M/MIN					REDUCER HELICAL GEAR REDUCER					30 M/MIN
TURN TABLE	MOTOR											
	REDUCER											
TRAVELLING	MOTOR											
	REDUCER											
PALLET TRAVERSING	MOTOR	1.5KW X 4P										
	REDUCER	WORM REDUCER										
CART RACK DRIVE	MOTOR	45 M/MIN										
	REDUCER	0.4KW X 4P										
CONTROL OF SPEED	MOTOR	HELLICAL GEAR REDUCER										
	REDUCER	7 M/MIN										
OPERATION TYPE	MOTOR	INVERTER CONTROL										
	REDUCER	P.L.C										
POWER SUPPLY	MOTOR	TOUGH SCREEN										
	REDUCER	415V, 50Hz, 3P, 5W(R,S,T,N,E)										
ENTRANCE DOOR	MOTOR	LIGHT/FIRE FIGHTING/EMERGENCY										
	REDUCER	220V, 50Hz, 1-PHASE										
REMARKS	MOTOR	2400(W) X 1800(H) X 2UP DOOR (STD)										
	REDUCER	2500(W) X 2300(H) ROLL DOOR										

## ARCHITECTURAL WORKS

- This shows the critical dimension of plant, please refer to the attached drawings for details.
- Hoist pit works, site clearance.
- Do works related to the entrance opening
- Build up the concrete floor(or foundation) & each side of wall correctly to enable anchoring, check to ensure that waterproofing should be carried out before or after installation.
- The concrete working should be conducted to protect waterproof lining from any damage caused by anchoring. (refer in the incorporated dng)
- A ventilator is required to be installed on the top of the tower to remove humidity.
- The water flowed in should be drained from the floor of parking system.
- Requested to consult with us before install fire fittings, conduits, trunking.
- Ensure to discuss with us before set up trenches, purifiers, the apparatus of drainage

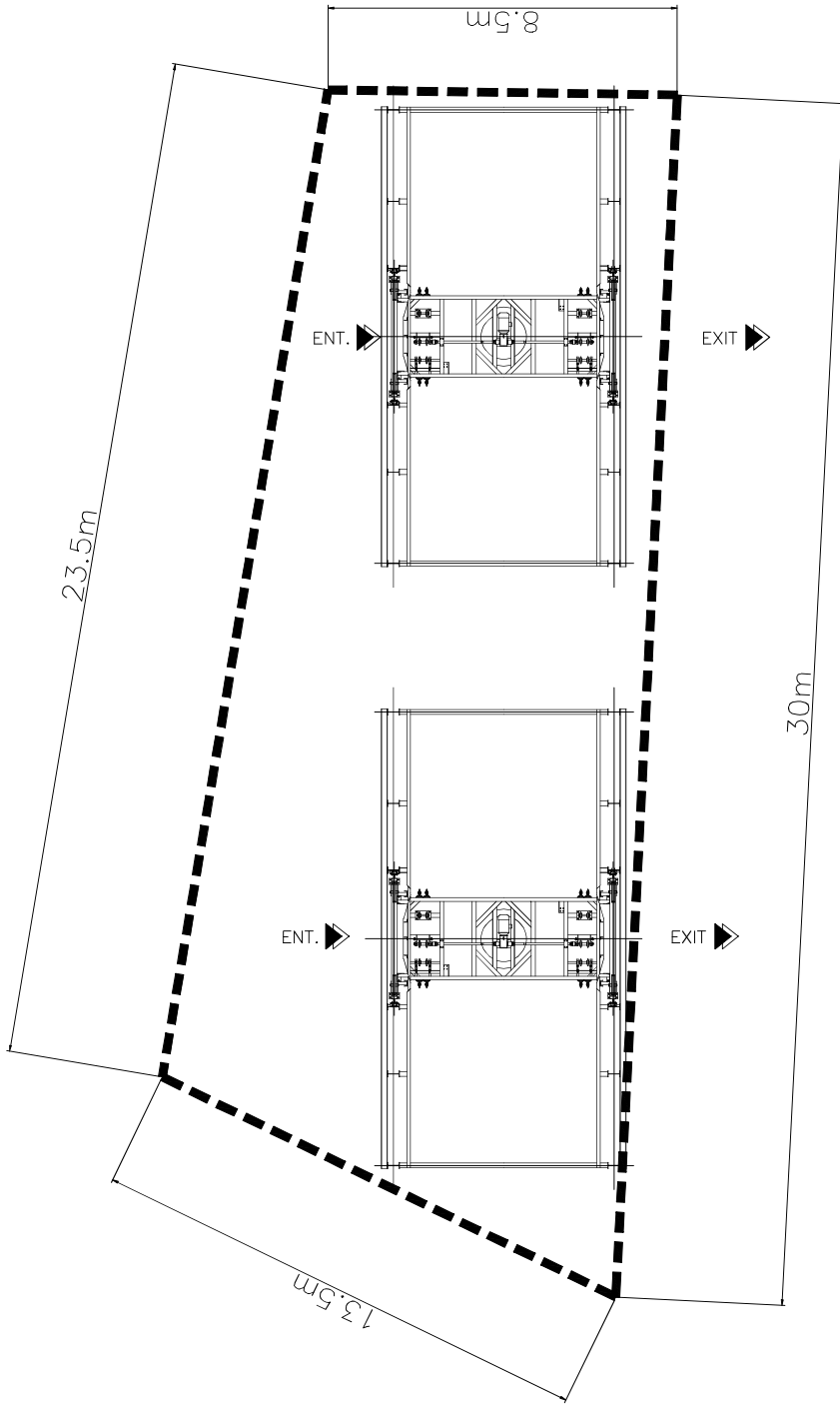
## ELECTRICAL WORKS

- Please lead in the primary power source into its control panel.
  - AC415V, 50Hz, 3Ø-4W, 45KVA/Unit
  - Electric wire thickness :
    - Main power line(22mm ), Earth line(14mm ) 2
- Please supply the temporary power source for the erection
  - Capacity :AC415V, 50Hz, 3Ø-4W, 45KVA/Unit
  - The Period of time : Until the completion of commissioning

NOTE	DABWOO ROYAL SYSTEM CO., LTD			PROJECT	PROJECT - IRAN 1	DWG. NO.	P-00
	car parking system			SCALE	1/1		
				DATE	27/01/2012	DWG. NAME	
						SPECIFICATION	NO. 1



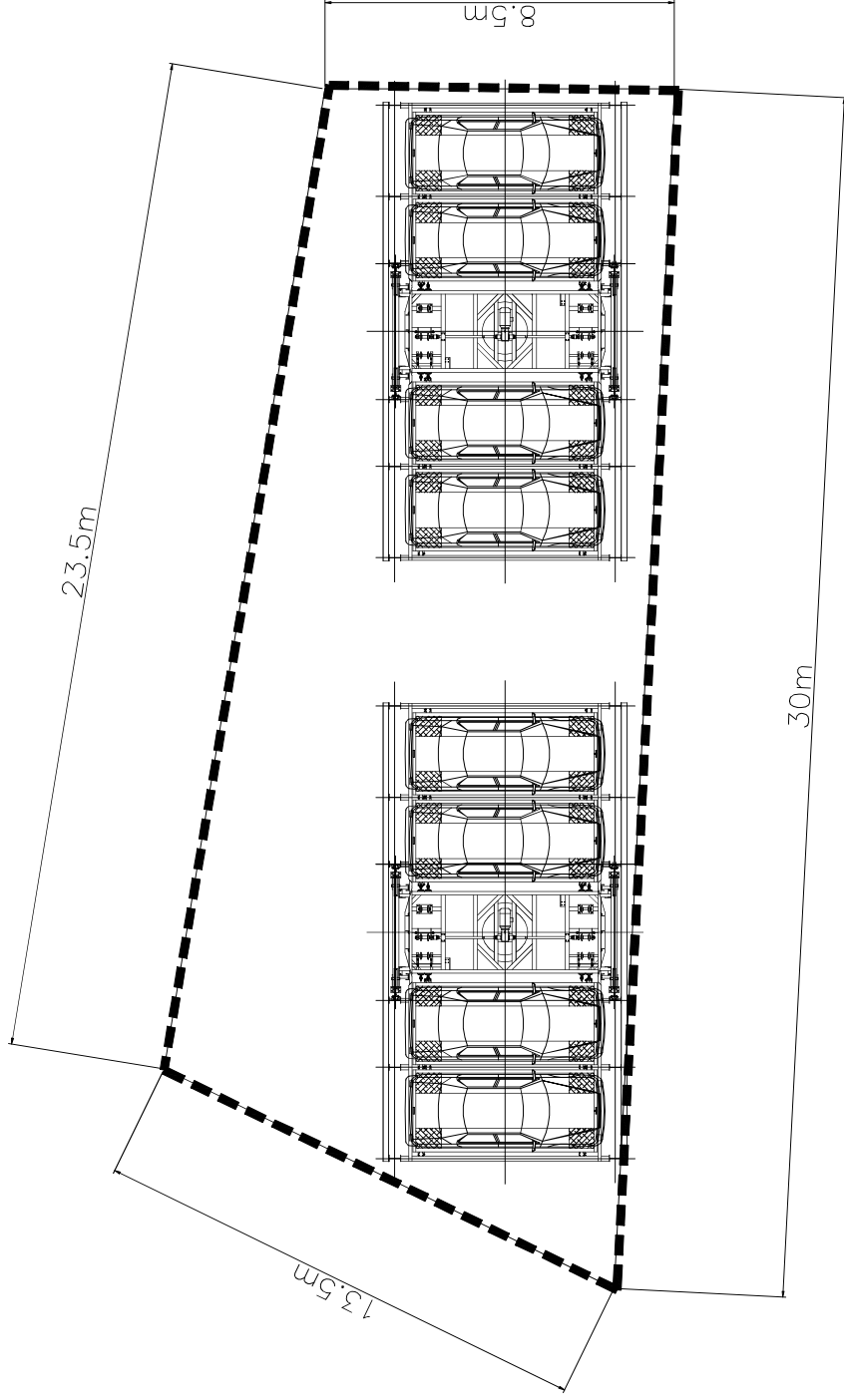
# Safety and Speedy Car Parking Systems



**PLAN OF ENTRANCE LOT**  
(SCALE : 1/200)

NOTE	<b>DRS</b> DAEWOO ROYAL SYSTEM CO.,LTD car parking system		SCALE AS 1 / 200 AI 1 /	PROJECT IRAN 1	DWG. NO. P-01
			DATE JUN.18.2009	DWG.NAME PLAN OF ENTRANCE LOT	NO. 2

# Safety and Speedy Car Parking Systems



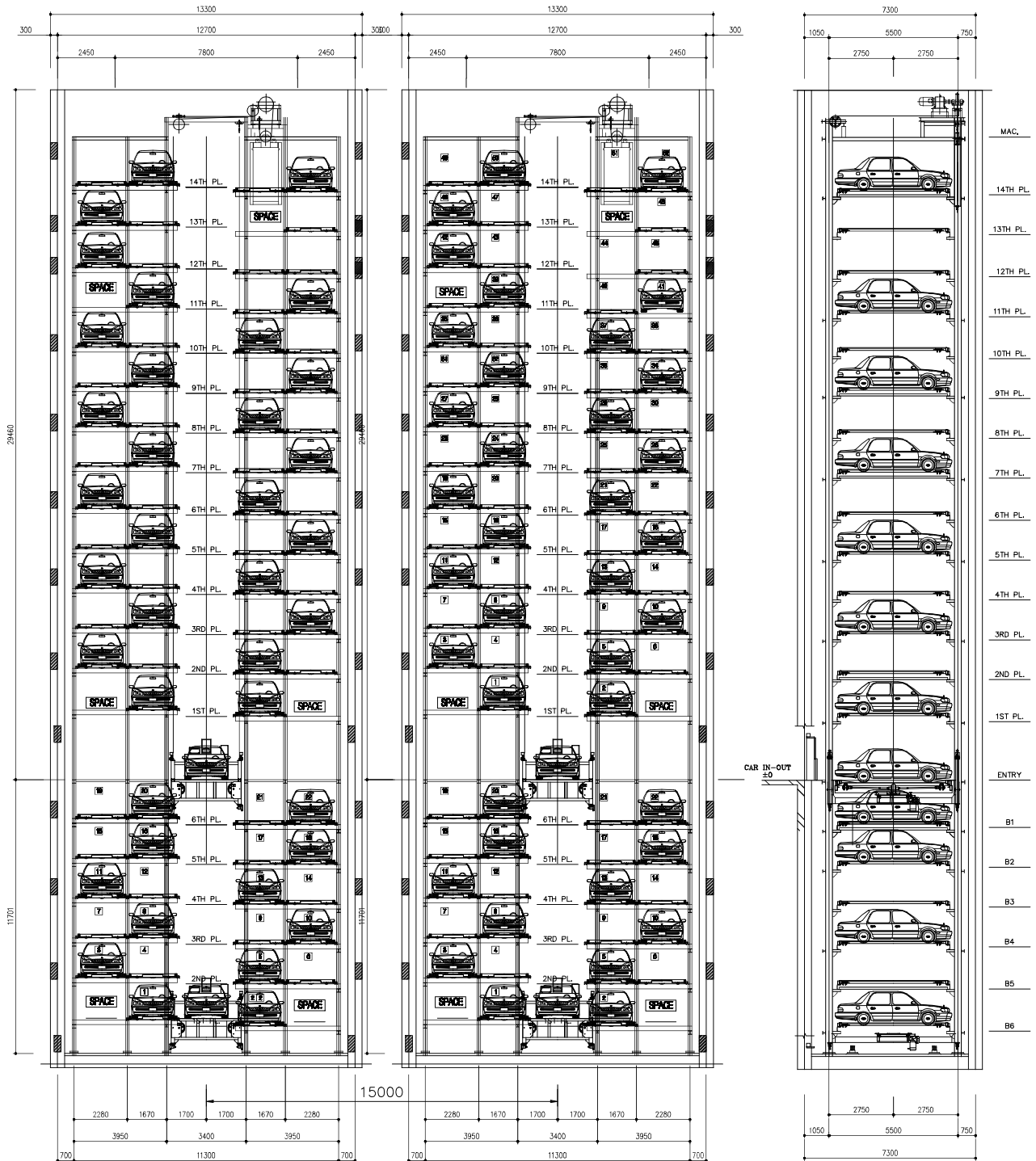
PLAN OF PARKING LEVEL  
(SCALE: 1/200)

NOTE




SCALE	AS 1 / 200	PROJECT	IRAN 1	DWG. NO.	P-02
DATE	JUN.18.2009	DWG. NAME	PLAN OF PARKING LEVEL	NO.	3

# Safety and Speedy Car Parking Systems



**SPACE** : Space for standby  
 Ground : 82 bays/14 level  
 Underground : 22 bays/6 level  
 Total : 74 bays/20 level

 <b>DAEWOO ROYAL SYSTEM CO.,LTD</b> car parking system	SCALE	A3 1 / 200 A1 1 /	PROJECT	PROJECT - IRAN 1	DWG. NO.	P-03
	DATE	27/01/2012	DWG.NAME	SECTION	NO.	4