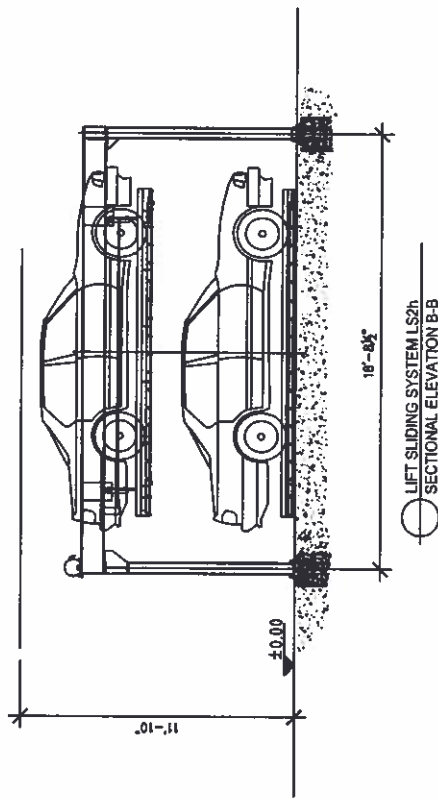


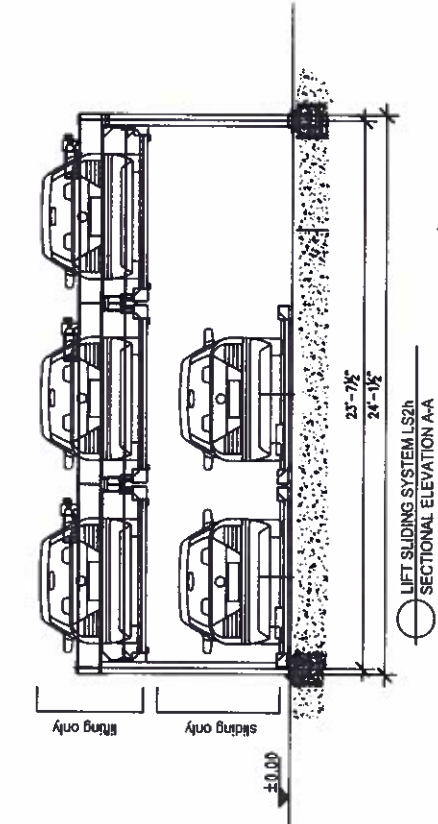
MODEL **LS_h_d**

Max 5 h (high) & 3 d (down)

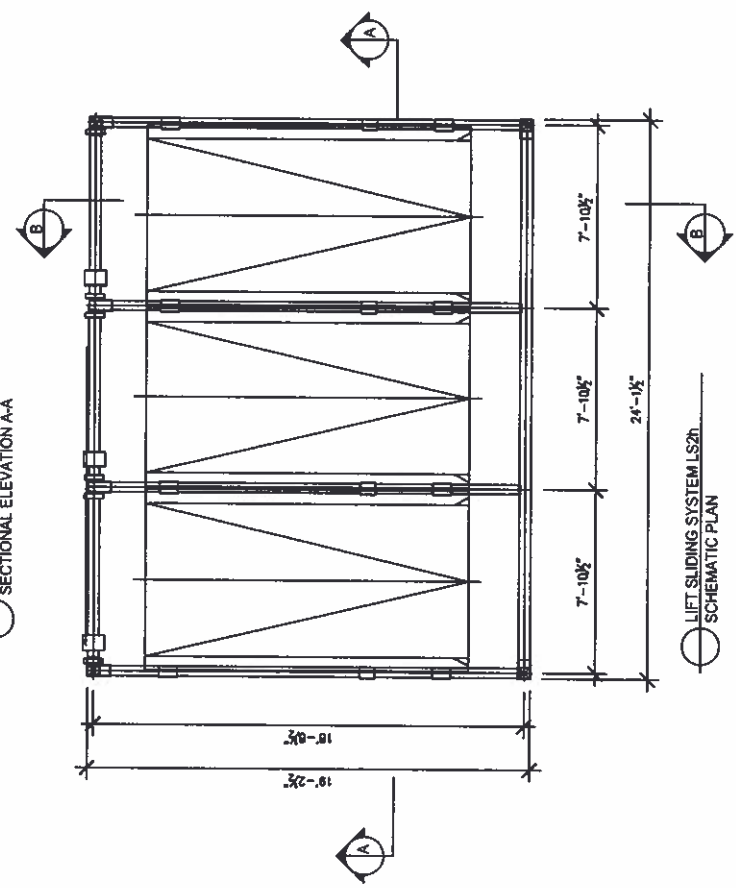
DESCRIPTION	Semi Automated Lift-Sliding System
STALL LENGTH, ft-in (m)	19'-8" (6)
STALL WIDTH, ft-in (m)	8'-3" (2.5)
CLEARANCE REQUIREMENT/STALL (Height), ft-in (m)	6'-4" to 8'-1"
LIFTING CAPACITY PER PLATFORM, lbs (kg)	5200 (2359)
WEIGHT OF UNIT, lbs (kg)	(determined by model)
ELECTRICAL REQUIREMENTS	3-phase 208-480V/single phase 110-220V
OPERATION	Automatic with manual override for emergency lowering
ADDITIONAL REQUIREMENTS	PLC (Programmable Logic Control)
APPROVALS	MEA certified for City of New York



LIFT SLIDING SYSTEM LS2h
SECTIONAL ELEVATION B-B



LIFT SLIDING SYSTEM LS2h
SECTIONAL ELEVATION A-A



LIFT SLIDING SYSTEM LS2h
SCHEMATIC PLAN

PARK PLUS Inc.™

PARKING SYSTEMS

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DATE:
DRAWN BY:
CHECKED BY:

PROJECT DRAWING

480 MAIN AVENUE UNIT 1
WALLINGTON, NJ 07057
TEL: (973) 574-8020
FAX: (973) 574-8030
www.parkplusinc.com
email: info@parkplusinc.com



PROJECT LIFT SLIDING PARKING SYSTEM
TECHNICAL SPECIFICATION
SEMI-AUTOMATED PARKING SYSTEM

DRAWING DESCRIPTION

MODEL LS2h

REVISIONS:
DRAWING NOT TO SCALE

Functional Specification

LS Parking System

1. Description

The parking system consists of basic steel structure with optional roof and side cladding and parking platforms on which individual cars are parked. The system is operated by the parker by parking his car on a platform and after leaving the car and initiating the parking sequence the car is parked within the structure of the building.

2. Components

2.1 Structure

The structure of the parking system is a steel structure designed to form a number of parking cubicles (locations) into which cars are positioned when parked. The structure consists of steel beams and other formed sections, plates and cladding if required. A roof can be provided.

2.2 Upper Floor Transfer Trolley

The transfer trolley on any of the upper floors allows for the transfer of a car from one position to a position next door as well as for the lifting of a car from ground floor. It is manufactured from steel sections and runs on wheels and rails. It is also incorporating the lift and the lifting platform.

2.3 Ground Floor Transfer Trolley

The transfer trolley on ground floor allows a transfer of a single car from one position to the position next door. It is manufactured from steel sections and runs on wheels and rails.

2.4 Lifting Platform

The lifting platform is suspended from the upper floor transfer trolley by cables. The platform has cables attached to each corner and is lifted up by a lift mechanism incorporated in the transfer trolley.

2.5 Electronic equipment

Electronic equipment is a programmable logic control (PLC) unit which controls all functions of the parking operation.

3. Description of Parking / Retrieval

When the parker arrives at the parking facility he has two options:

a. Parking on the ground floor

Parking on ground floor requires the car to be positioned on any empty ground floor parking trolley. The parking position is determined by chocks on the platform which limit the travel of the car on the platform to a correct position. There is no specific need for the parker to initiate any parking sequence except to swipe his card to start any commercial transaction.

b. Parking on an upper level

Parking on the upper levels requires the parker to initiate a parking sequence which will allow him/her to park his cars at any level except ground floor. When arriving and with all the ground floor parking spots filled the parker requests a parking platform to be lowered by either swiping his SIM card or entering his PIN via a key pad. The parking control system will determine which platform is closest and lower this platform to the ground level. The parker will then drive his car onto the platform and leave the car. There is no need to remove the platform from ground floor until such time as another parker arrives or a car is requested to be retrieved.

c. Retrieval

Car retrieval works in a reverse order to the parking operation. If the car is parked on the ground floor it can be driven off the platform at any time.

If the car is parked in an upper level the parker is required to swipe his card or enter his PIN. The PLC then locates the car and prepares the platform to be lowered. In order to carry out this function some of the platforms beneath the car to be retrieved need to be moved out of the way by the transfer trolleys in order to open the spaces below through which the car can then be lowered.

4. Electrical Control and Safety Devices

4.1 Electrical System

The electrical system consists of a power and a control circuits all operated by a PLC. The mechanisms are operated by D-O-L switching contactors. Electric

three phase motors are driving via gearboxes the wheels and the lifting devices.

4.2 Safety Devices

The parking system is protected by limit switches as well as motion detectors. The limit switches limit each motion to stop at the correct level and position within the system and the motion detectors stop all motions in a case of an emergency or in case of a person moving within the system. The system cannot start up automatically and an operator needs to reset the machine after checking that the start-up is safe and any persons/obstructions have been removed.

Functional specifications for the system are available on request from the manufacturers.

Serial number: WWZ2009/0208

Shenzhen Environmental Inspection Center

Inspection Report

Item: Noise Monitoring of Industrial Corporation

Commission by: Shenzhen Yeefung Automation Technology Ltd.

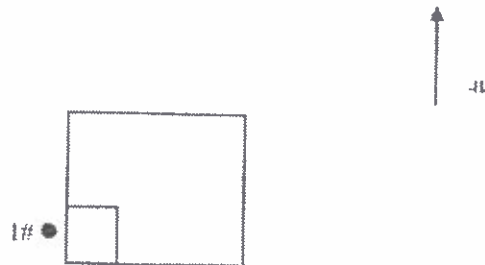
Inspection unit: Bank of China, Shenzhen Branch

Date: July 1st, 2009

Shenzhen Environmental Inspection Center

Commission by	Shenzhen Yeefung		Contact person	Lin Chunquan
Address	Long cheng North Road, Longgang District		Phone	84879783
Inspect unit	Bank of China, Shenzhen Branch		Contact person	Zeng Likui
Address	Zhongyi Building, Jiabin Road, Luohu District		Phone	13713749779
Inspect purpose	Inspection of Noise			
Inspect person	Li Tao, Chen Weixiong	Inspect time	2009-06-24 15:00	
Machine type and serial number:	Denmark B&K Cor. 223RE(2562765)		Inspect car	From our station
Noise source	Mechaninc			
Method	GB 12348-2008 Noise emission standard of Industrial Cor.			
Weather condition:	Sunny	Wind: 0.2 m/s	Acoustics environment: Traffic	

Schema of Inspection point:



No.	Point Name	Leq Value dB(A)	Noise value after deduct background dB (A)	
1	1 meter from infrared ray	59.8	/	
(Below blank)				

Inspect by: Li Tao

Verify: Zhang Junling

Issur (position) : Dai Ni (Director)

GALEN CAROL
AUDIO

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HOW-TO'S

Decibel (Loudness) Comparison Chart

Here are some interesting numbers, collected from a variety of sources, that help one to understand volume levels of various sources and how they can affect our hearing.

Environmental Noise	
Weakest sound heard	0dB
Whisper Quiet Library	30dB
Normal conversation (3-5')	60-70dB
Telephone dial tone	80dB
City Traffic (inside car)	85dB
Train whistle at 500', Truck Traffic	90dB
Subway train at 200'	95dB
<i>Level at which sustained exposure may result in hearing loss</i>	<i>90 - 95dB</i>
Power mower at 3'	107dB
Snowmobile, Motorcycle	100dB
Power saw at 3'	110dB
Sandblasting, Loud Rock Concert	115dB
<i>Pain begins</i>	<i>125dB</i>
Pneumatic riveter at 4'	125dB
<i>Even short term exposure can cause permanent damage - Loudest recommended exposure WITH hearing protection</i>	<i>140dB</i>
Jet engine at 100', Gun Blast	140dB
Death of hearing tissue	180dB
Loudest sound possible	194dB

OSHA Daily Permissible Noise Level Exposure	
Hours per day	Sound level
8	90dB
6	92dB
4	95dB



Leaders in high density vehicle storage systems

CORPORATE HEADQUARTERS
31 IRON HORSE ROAD
OAKLAND, NJ 07436
Toll Free: 1-800-966-5509
Office: +1-973-574-8020
Fax: +1-973-574-8030
Website: www.parkplusinc.com
Email: info@parkplusinc.com

SERVICE & OPERATIONS
480 MAIN AVE UNIT 1
WALLINGTON, NJ 07057
Toll Free: 1-800-966-5509
Office: +1-973-574-8020
Fax: +1-973-574-8030
Website: www.parkplusinc.com
Email: info@parkplusinc.com

LIFT SLIDING SEMI-AUTOMATIC PARKING SYSTEM



The Lift Sliding Semi Automated Parking System by Park Plus, Inc. is a self-parking high-density vehicle storage & retrieval system that maneuvers stacked vehicles on platforms in horizontal and vertical motions in order to present vehicles at grade position through the use of a Programmable Logic Control (PLC). This process allows efficient direct access to vehicles without the need to remove vehicles in the stacks in order to retrieve a specific vehicle [no attendant required]. The system can be designed with a pit depth for up to 3 vehicles below grade and up to 5 vehicles above grade, giving a total vertical stacking capacity of 8 vehicles in the space usually occupied by a single vehicle. There are no horizontal limitations to the system. This system can be customized for indoor and outdoor applications, complete with external façade cladding/siding, garage doors and roof, per client specifications.

- Self-parking (no attendant required)
- Cost effective multi-layered parking solution
- Low maintenance
- No hydraulics
- Retrofitted into existing buildings
- Enclosed to client requirements
- Floor Area Ratio (FAR) beneficial
- Full safety features
- MEA approved for NYC
- ISO Compliant

MODELS: VARIATIONS OF THE FOLLOWING ABOVE GRADE (_high) and BELOW GRADE (_down)

LS 2h	: 2 high
LS 2h1d	: 2 high 1 down
LS 3h	: 3 high
LS 3h1d	: 3 high 1 down
LS 3h2d	: 3 high 2 down
LS 4h	: 4 high
LS 4h1d	: 4 high 1 down
LS 4h2d	: 4 high 2 down
LS 4h3d	: 4 high 3 down
LS 5h	: 5 high
LS 5h1d	: 5 high 1 down
LS 5h2d	: 5 high 2 down
LS 5h3d	: 5 high 3 down

Structurally, the LS system must be a stand-alone system with no interference with the building's structural grid. Building columns can be placed strategically outside of the LS envelope according to the LS System grid in order to align clear movement and access, but no building columns can be accommodated within the system due to mechanical procedures. Many of our designs have accommodated in-door applications for the system that interact with structural grids.

SAFETY FEATURES

- Complete laser detection for obstructions and movement
- Visual and Audible alarms
- Positive locking mechanisms
- Anti-fall devices
- 4 high-tensile cables per vehicle platform

OPERATION

The operation of the Lift Sliding System is via a push-button control unit and access swipe card located on or near the point of vehicle entry. Remote control devices are optional. For in-ground units, a safety gate is required.

SERVICE AND SUPPORT

Park Plus, Inc. provides 24/7 technical service and support. The Service Department is located in Wallington NJ with convenient access to the Tri-State area. Established in 1969, Park Plus is recognized as the industry leader in high-density vehicle storage systems.