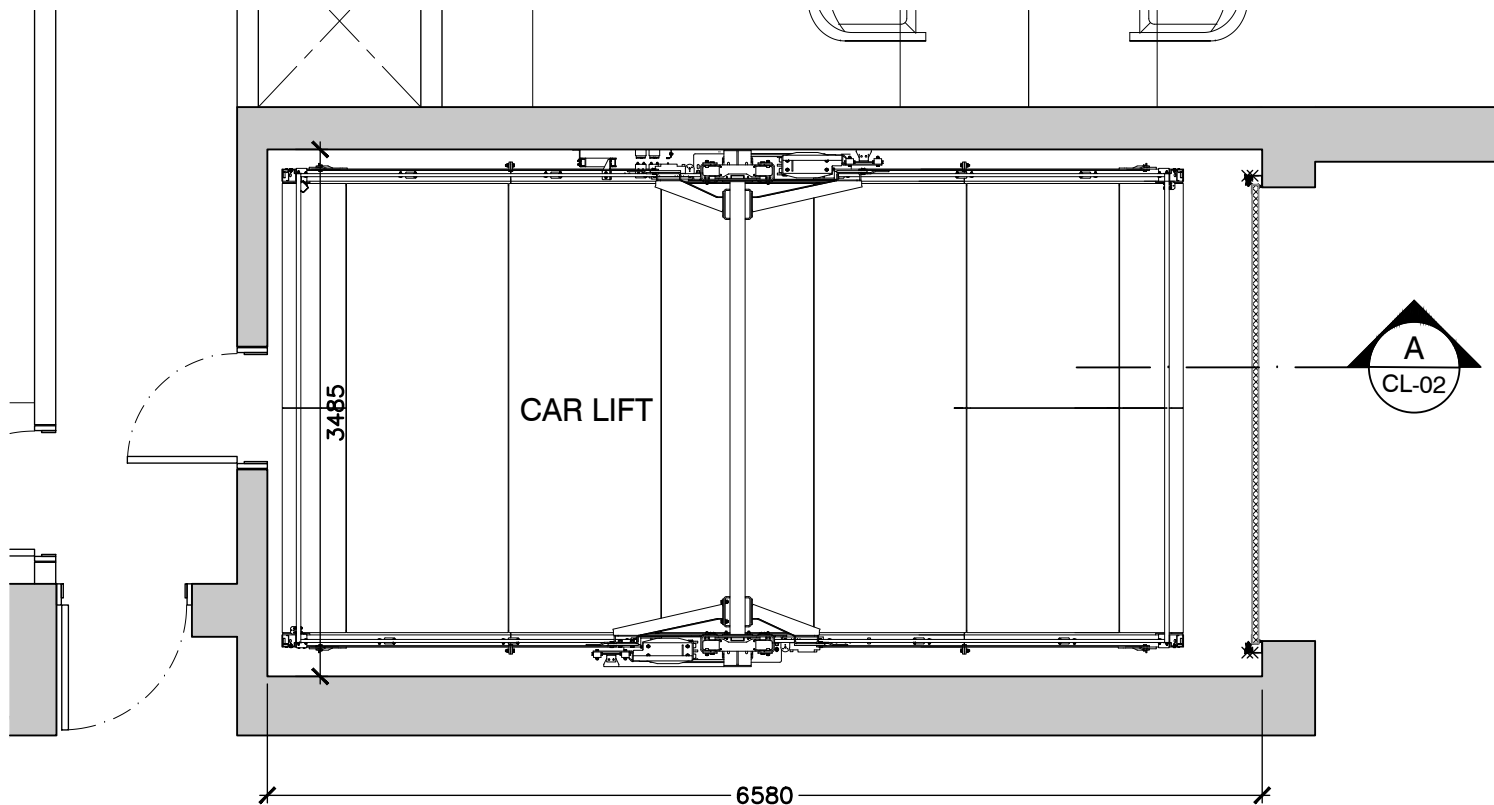




Car Lift Method of Operation

Full details of the Parklift 461 by Wohr are contained on reference drawing 01/228/16/CL03 P1

The car lift system is a completely automated system and fire safe.

The operational doors at basement and ground floor level are fully co-ordinated to ensure the safety of the lift shaft, and at no time would either of the two doors be open when the lift platform was not in position relevant to that door.

The operation of the car lift and the associated access doors are through the use of electronic key fobs which allows the driver to remain in the car during the transporting of the car from ground to basement level and reverse. When approaching the relevant door, the car lift platform will be called to that particular door before the door opens. The car then moves forward onto to the platform of the lift and once in position the door will close to the shaft. Once transported up or down to the relevant level, that door will automatically open to allow the car to move forward to clear the lift shaft. Once clear, the door automatically closes.

There are electronic signals in place within the shaft and on the platform that prevents doors from opening. Additionally, there is a standby generator that provides power should there be a power failure to ensure that the platform can be taken to an exit position at either basement car park level, or ground floor level.

The associated alarm systems within the car lift would be connected back to the main house security system, as well as nominated mobile telephones for added safety.

To assist in the movement of the cars at basement level, a turntable has been provided to ensure that the vehicle can enter the car lift area in a forward motion, as well as exiting at ground floor level in a forward motion. The turntable also assists in aligning the cars for parking at basement level.

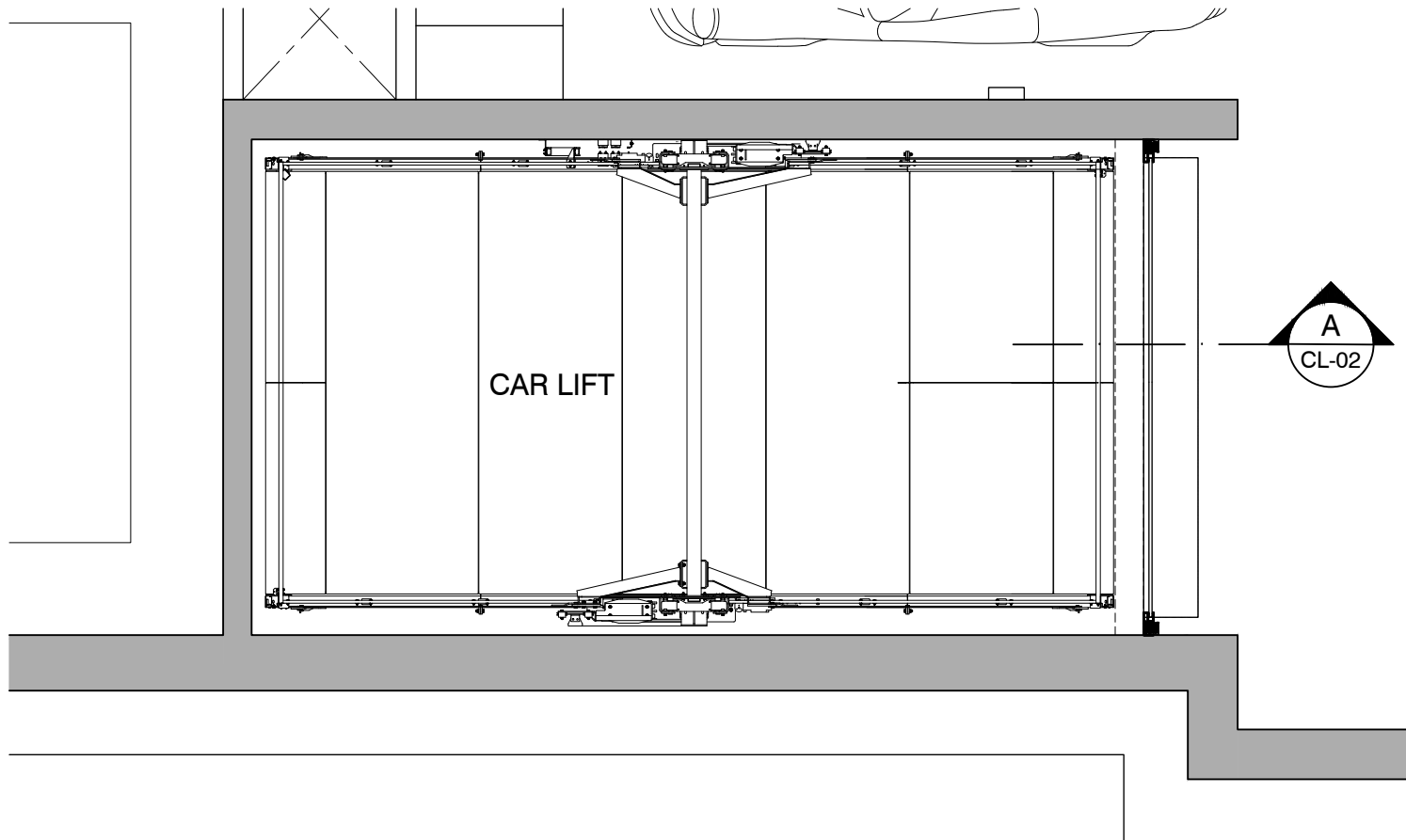
Drainage is provided at basement level within the car pit should the cars being transported onto the lift in rain conditions, to ensure that the floor surface is safe when moving around the basement car park area generally.

The gated entry and exit positions to the front boundary wall would be operated independently of the car lift for safety reasons.

Notes :

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Proposed Plan Ground
Scale 1:25



Proposed Plan Basement
Scale 1:25

P1	RESUBMISSION	23.06.26
	DESCRIPTION	DATE

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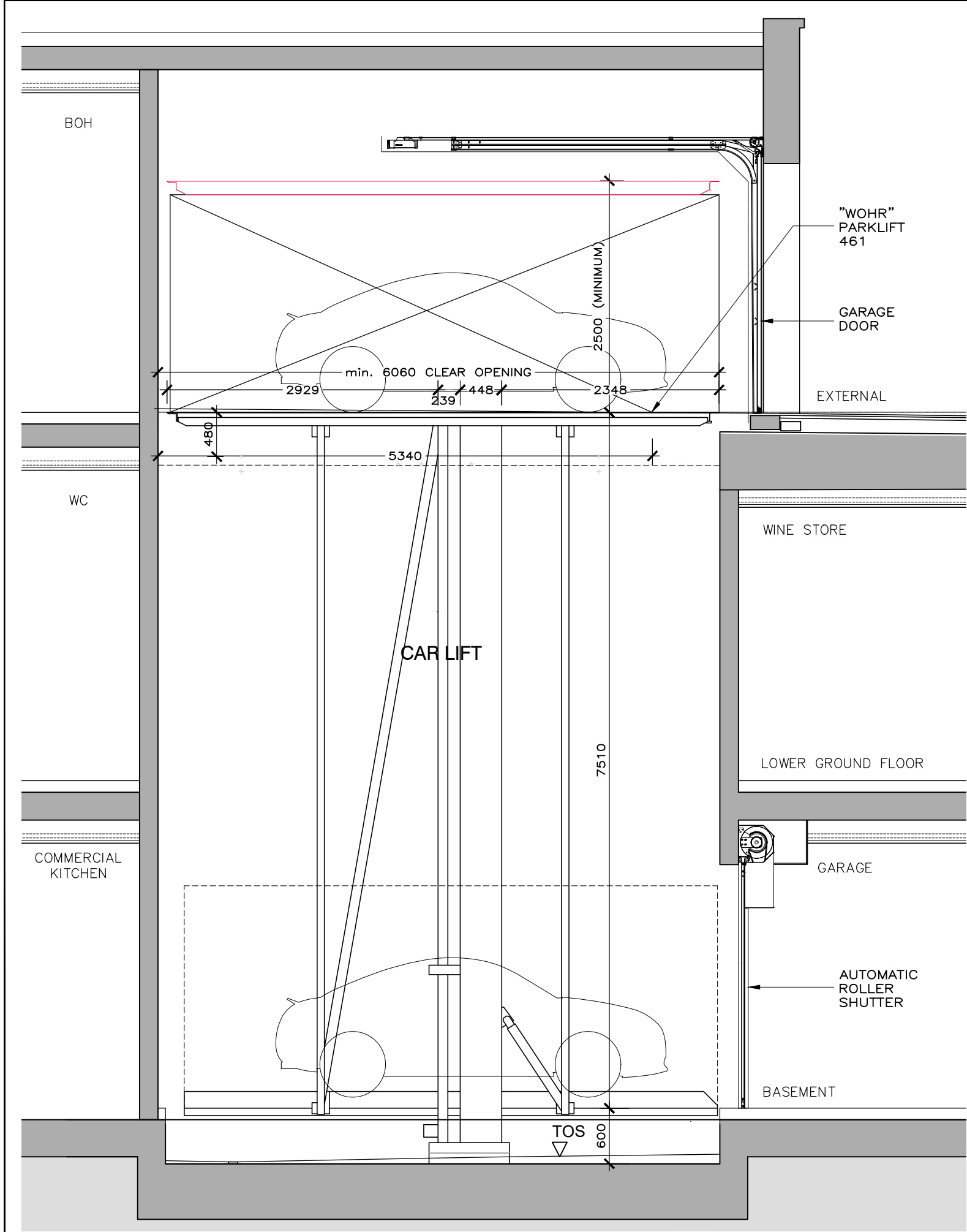
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Client
UWH Developments Ltd

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Drawing
CAR LIFT
GROUND + BASEMENT PLANS

Scale	Date	Drawn	
1:25 @A1	Jun. 26	MJ	IL
Type	Client		
01	228-16	CL-01	P1



Proposed Section A-A
Scale 1:25

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Drawing
CAR LIFT
SECTION A-A

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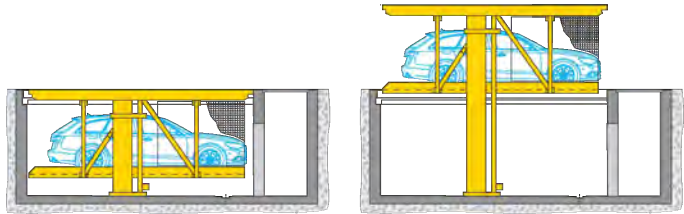
Type	Client	CL-02	P1
01	228-16		

Data Sheet

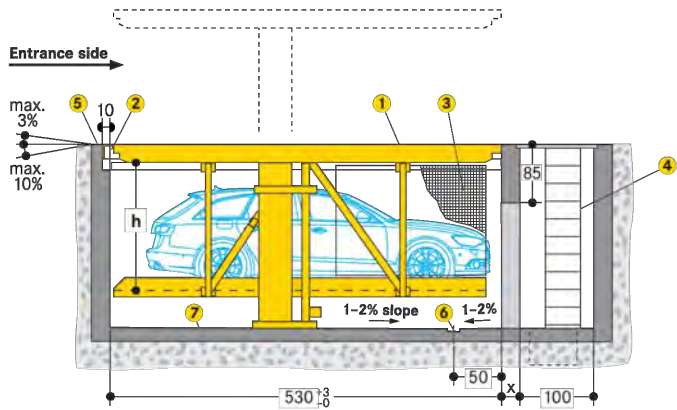
WÖHR PARKLIFT 461



- Single units: 1–2 cars
Double units: 2–4 cars
- Platform load options:
 - max. 2000 kg, load per wheel 500 kg
 - max. 2600 kg, load per wheel 650 kg
- Platforms horizontally accessible
- Designed per DIN 1991-1-3 for Snow Load Zone II up to 0.75 kN/m² and a wind impact pressure of 0.25 kN/m² (corresponds to wind force 8)



Length dimensions (height dimensions see page 2)



- Top platform:
 - welded construction per EN ISO 13920, tolerance class C
 - flooring infill to be performed by the customer (e.g., sand bed/ marble, sand bed/lawn grid stones, earth/lawn grid, etc.)
 - recessed floor level traversable
 - traversable at max. vehicle weight of 2600 kg, max. wheel load 650 kg
 - in case a higher load is needed, consultation with WÖHR
 - usable as parking space at Parklift 461 and 462 under determined requirements (see page 6)
 - Circumferential drainage channel to be performed by the customer (see page 8)
 - Safety mesh in the side and back areas as required
 - Maintenance shaft:
 - shaft ladder and access to pit have to be performed by the customer
 - shaft ladder must be installed after completion of the shell construction for dimensional inspection
 - it is necessary to install a vertical ladder for shafts in accordance with EN 14396:2004
 - safeguard of access with a steel door to be performed by the customer
 - Yellow-black markings:
 - ISO 3864, 10 cm wide, on the pit edge (see »Static calculations and construction works requirements«, page 5)
 - Drainage channel in the pit:
 - 10 x 2 cm with sump 50 x 50 x 50 cm
 - drainage with grating
 - installing a sump pump refer to manufacturer's dimensions
 - Channels or undercuts/concrete haunches:
 - not allowed along the pit floor-to-wall joints
 - should channels or undercuts be necessary, the stand areas must be left clear
- ### Dimensions
- all dimensions specified are the minimum, finished dimensions
 - tolerances must be taken into consideration
 - all dimensions are given in cm

WÖHR PARKLIFT 461 462 | 08.2025 | C027-4308

Page 8 of 8

Notes and directions

Scope of application

- suitable for residential buildings
- retrofitting to accommodation
- only for long-term users that have been instructed on how to use the system

Noise reduction measures (outdoor installation)

- Basis:
- to the German DIN 4109 »Noise protection in buildings«
 - at devices, machines, and facilities, household appliances must provide adequate protection against transmission over air and structure-borne sound

Structure-borne sound transmission:

- since the facilities are mainly built free-standing, measures against structure-borne noise are not expected

Drainage

- Before mounting:
- drainage channel with connection to the sewerage system have to be performed by the customer (observe local regulations for drainage of surface water)

Discharge of larger volumes of water from the property:

- circumferential drainage channel outside the pit have to be performed by the customer (see page 4, chapter pit edge, item 5)

Water entry into the pit:

- in winter through snow in the wheelhouse up to 40 litres for every parking action

Drainage channel in pit area:

- connection to the floor intake or sump to be performed by the customer(50 x 50 x 50 cm)
- sump covered with grating to be performed by the customer
- customer-performed installation of a pump or drain

Sideways slope drainage:

- only into a drainage channel
- not possible in the remaining pit section

Lengthways slope drainage:

- provided according to specified construction dimensions

Environmental safety:

- coating of the pit flooring is recommended
- installation of an oil and/or petrol separator unit between the drainage connection and the main sewerage system is recommended

Ventilation pit and maintenance shaft

A ventilation system designed by a specialist company is required for trouble-free operation of the system.

Goal of the measures:

- continuous air exchange
- reduction of humidity
- preventing condensation due to introduced vehicle temperature
- removal of moisture from vehicles (through rain, snow, ice, etc.)

These measures carry substantial reductions of corrosion and resulting disturbances.

Temperature

- system operating range: -20° to +40° C (with unloaded platforms lowering speed is reduced if less than +5° C)
- humidity: 50% at +40° C
- in the event of changes to system conditions please consult with WÖHR

Operating device

- position of the operating device will be defined depending on the project (adjustable stand or house wall)
- empty pipe DN40 with taut wire from the floor of the shaft to the operating device have to be performed by the customer
- system must be run from the controls always in the lowermost end position (key blocking)

Lighting

- sufficient lighting of the driving aisle and of the parking places must be performed by the customer
- brightness of lighting in the maintenance shaft and in the pit at least 80 lux

Fire safety

- all fire safety requirements and all mandatory equipment (fire extinguisher and fire alarm systems, etc.) must be performed by the customer

Conformity examination (TÜV)



- voluntary conformity assessment by the TÜV SÜD
- The parking systems are compliant to:
 - EC Machinery Directive 2006/42/EC
 - DIN EN 14010

Protection

- protection of the pit during construction phase has to be performed by the customer

Hydraulic power pack

- the hydraulic power pack will be housed in the maintenance shaft

Maintenance shaft

- separate maintenance shaft with access to pit has to be performed by the customer
- project-dependent common maintenance shaft at row arrangement possible
- manhole cover and shaft ladder have to be performed by the customer
- it is necessary to install a vertical ladder for shafts in accordance with EN 14396:2004
- the manhole cover must prevent rainwater and surface water from entering the maintenance shaft

Mounting

- crane for mounting to be performed by customer
- for mounting in underground garage or rooftop areas, mobile crane (radius minimum 5 metres) to be performed by customer

PARKLIFT 461:

- minimum hook height of 400 cm over entry level, crane load approx. 700 kg

PARKLIFT 462:

- minimum hook height of 700 cm over entry level, crane load approx. 1400 kg

Important note

Important – Please discuss this with your supplier:

- if the area around the parking systems is accessible by pedestrians, then further safety measures may be necessary
- each installation will have its own individual safety requirements that should be taken into account
- take care to ensure your building design does not have over-hanging features, or opening items, which could interfere with the clear travel of the parking system

Maintenance

- WÖHR and all the WÖHR partners abroad provide an installation and customer service network
- regular, annual maintenance is provided subject to the stipulation of a maintenance agreement

Prevention of corrosion damage

- all operations listed in the WÖHR Cleaning and Maintenance Instructions are to be performed regularly (independently of maintenance operations)
- zinc-plated parts, components and platforms are to be kept clean of dirt, road-salt and any other debris (due to corrosion hazards)
- always keep the garage well ventilated and deaerated

Surface protection

- please consider the information on surface protection!

Technical specifications

- please consider the specifications!

Parking Place-Profile

- please consider the product information Parking Place-Profile!

Electromobility

- please consider the product information Power Supply!
- depending on the position of the charging point on the electric vehicle, collision points with protruding plugs and charging cables can occur

Construction formalities

- the documentation necessary for construction permit applications is provided by WÖHR on demand

Construction alterations and/or modifications

- the right to construction or model modifications and/or variations is hereby reserved
- the right to any subsequent part modification and/or variation and amendments in procedures and standards due to technical and engineering progresses or due to environmental regulation changes is also hereby reserved

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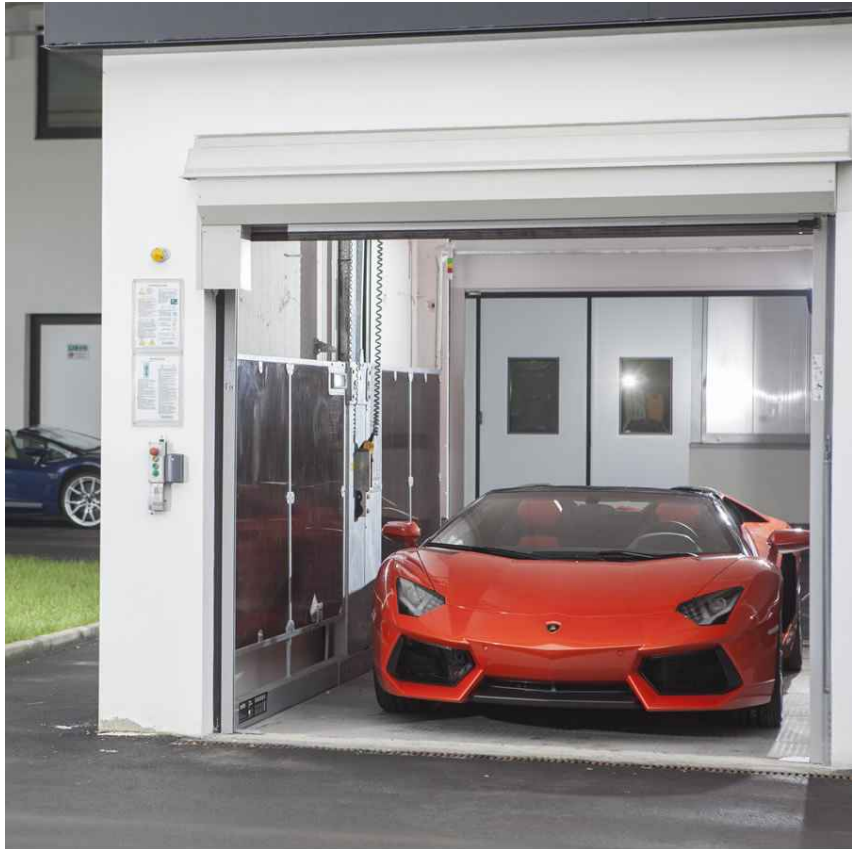
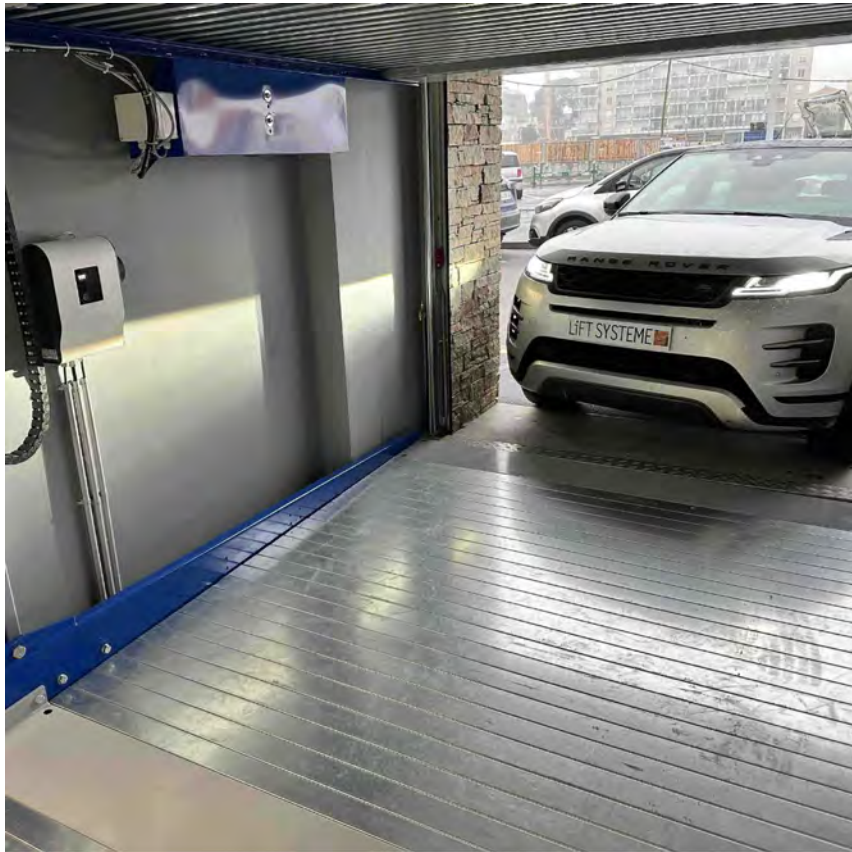
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Client
UWH Developments Ltd

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Drawing
CAR LIFT
PRODUCT INFORMATION

Scale	Date	Drawn	
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01	228-16	CL-03	P1



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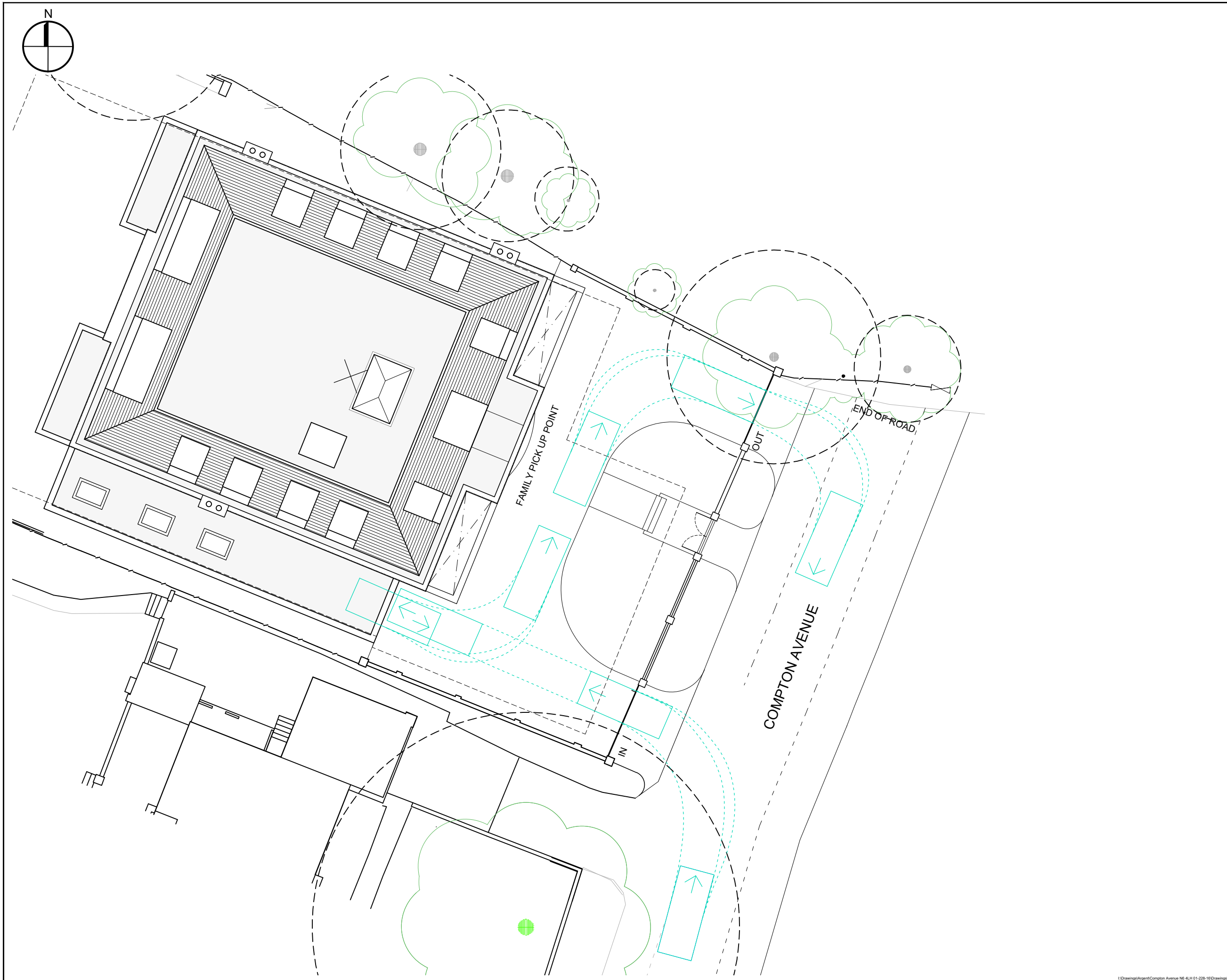
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Drawing
CAR LIFT
PRODUCT IMAGES

Scale	Date	Drawn	IL
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01	228-16		

PRODUCT IMAGES



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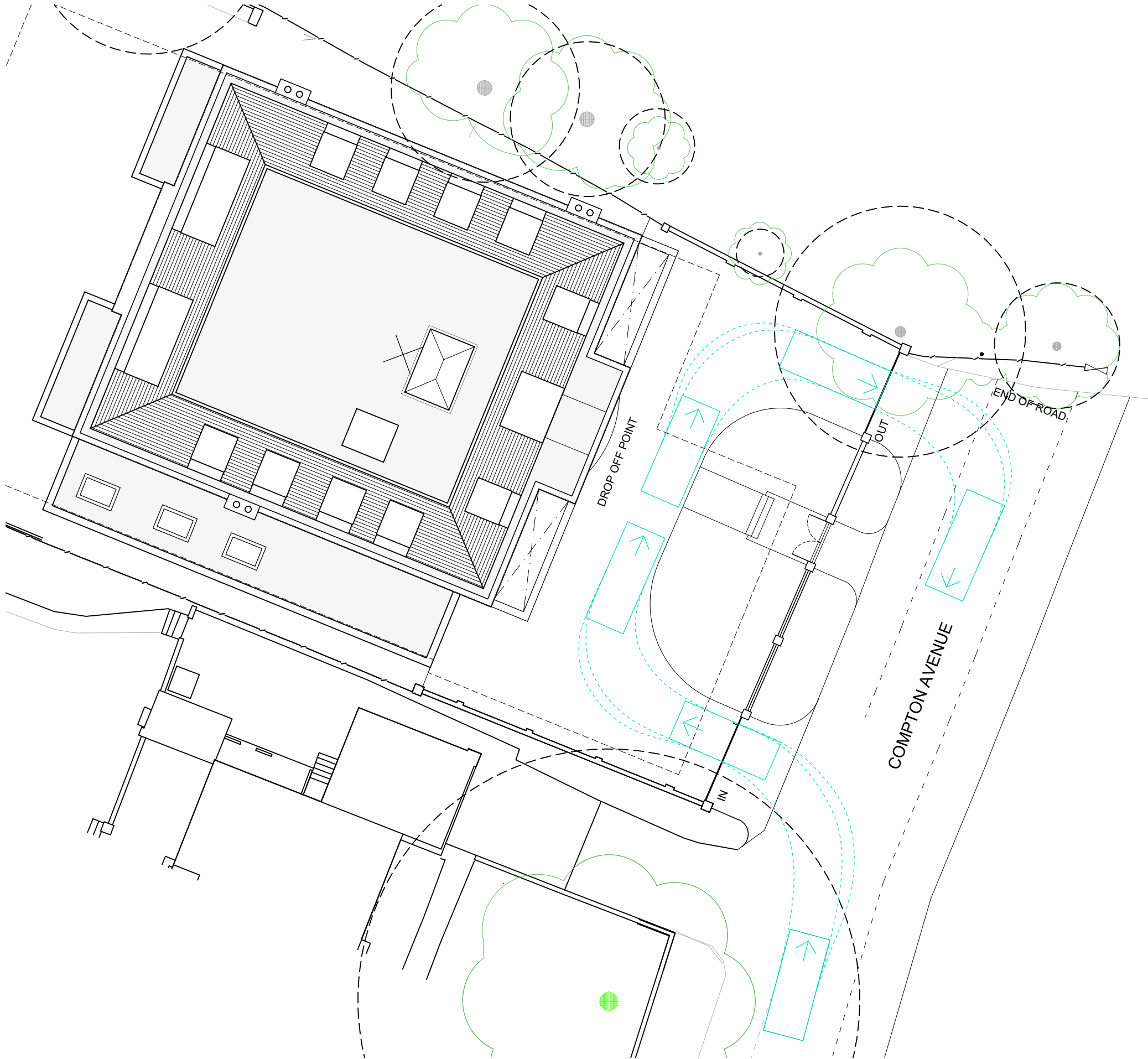
Project

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Drawing

DOMESTIC CAR MOVEMENT

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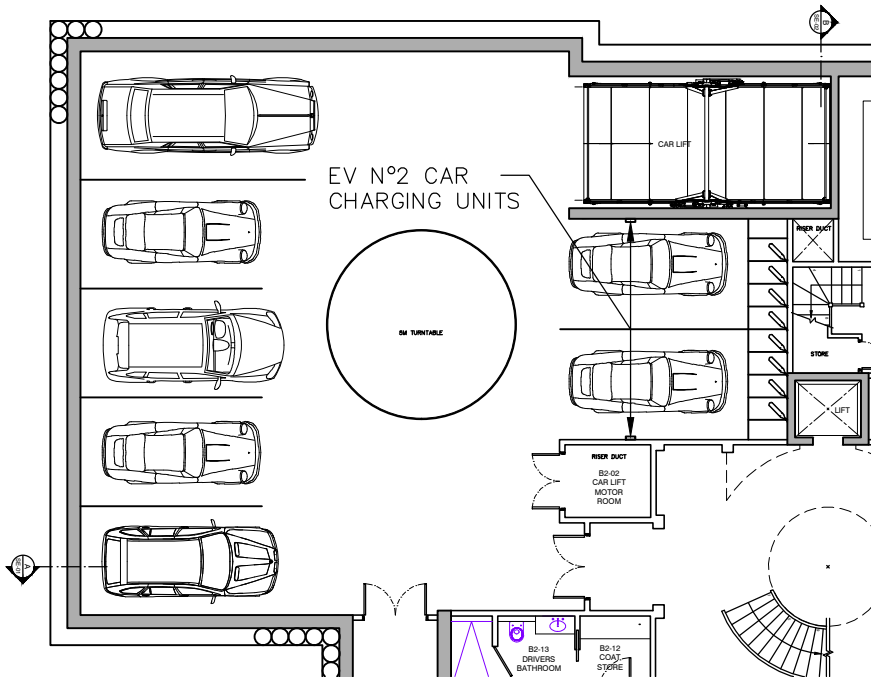


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Gross Internal Area - 922.2m²

Basement plans rotated 90 degrees on layout



Partial Basement -2 Plan
Scale 1:100

DuraCharger Electric Vehicle Charger



DuraCharger Model No. Duracell EV (1P-T) 7kW-T

Charge your car & batteries from sunshine or with the lowest-cost grid energy.

www.duracellenergy.com

V2.1

Key EV Charger Features

- ☀ Solar compatible
- ⚡ PEN fault protected
- 💡 Operates with variable rate tariffs
- 🕒 3-year standard warranty
- 📄 Latest regulation compliant
- 🔌 Fully compatible with Duracell Energy batteries & inverter
- 📱 Control anytime, anywhere via Duracell Energy phone APP

PRODUCT INFORMATION

DURACELL
ENERGY

Duracell EV (1P-T) 7kW-T Technical Specification

Product	Duracharger
Model no.	Duracell EV (1P-T) 7kW-T
Electrical Parameter	
Rated Power (kW)	7.4kW
Rated Voltage (V)	AC 230V ± 10%
Rated Current (A)	32A
Frequency (Hz)	50Hz/60Hz
Charging Mode	Mode 3 (EN/IEC 61851-1)
Charging Connector Type	IEC 62196 Type 2 (Tethered)
Standby Power (W)	<1W
Status Indication	3 Coloured LED (Red, Yellow, Green)
Mechanical Parameter	
Dimensions (mm, W x H x D)	250 x 341 x 85 mm
Weight (kg)	3.2 kg
Cable Length (m)	4m (7m optional)
Unit Material	ABS
Operating temperature range (°C)	-30°C → +50°C
Relative humidity (%)	5% – 95%
Communication	
Wi-Fi Communication	W-Fi 2.4GHz, LAN, Bluetooth (on installation only), RFID
Protocol	OCPP 1.6 J2819 (OCPP 2.0 Optional)
Safety	
RCD	6mA DC Protection
Ingress Protection	IP55
Flame Retardant	UL 94V-0
Certification	CE, UKCA, OZEV, EN/IEC 61851-1:2017, EN/IEC 61851-21-2:2018, EN/IEC 61000-6-1:2019
Electrical Protection	
● Over current protection ● Residual current protection ● Ground protection ● Surge protection ● Over/Under voltage protection ● Over/Under frequency protection ● Over/Under temperature protection	
Warranty	3 years
Installation	
CB/RCD	32A / Type A
Earth Rod	No
Installation	Indoor or Outdoor, Wall-mount, Floor-mount

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Client
UWH Developments

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Nice Place
Compton Avenue
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Drawing
Basement Plan -2
CHARGING POINTS

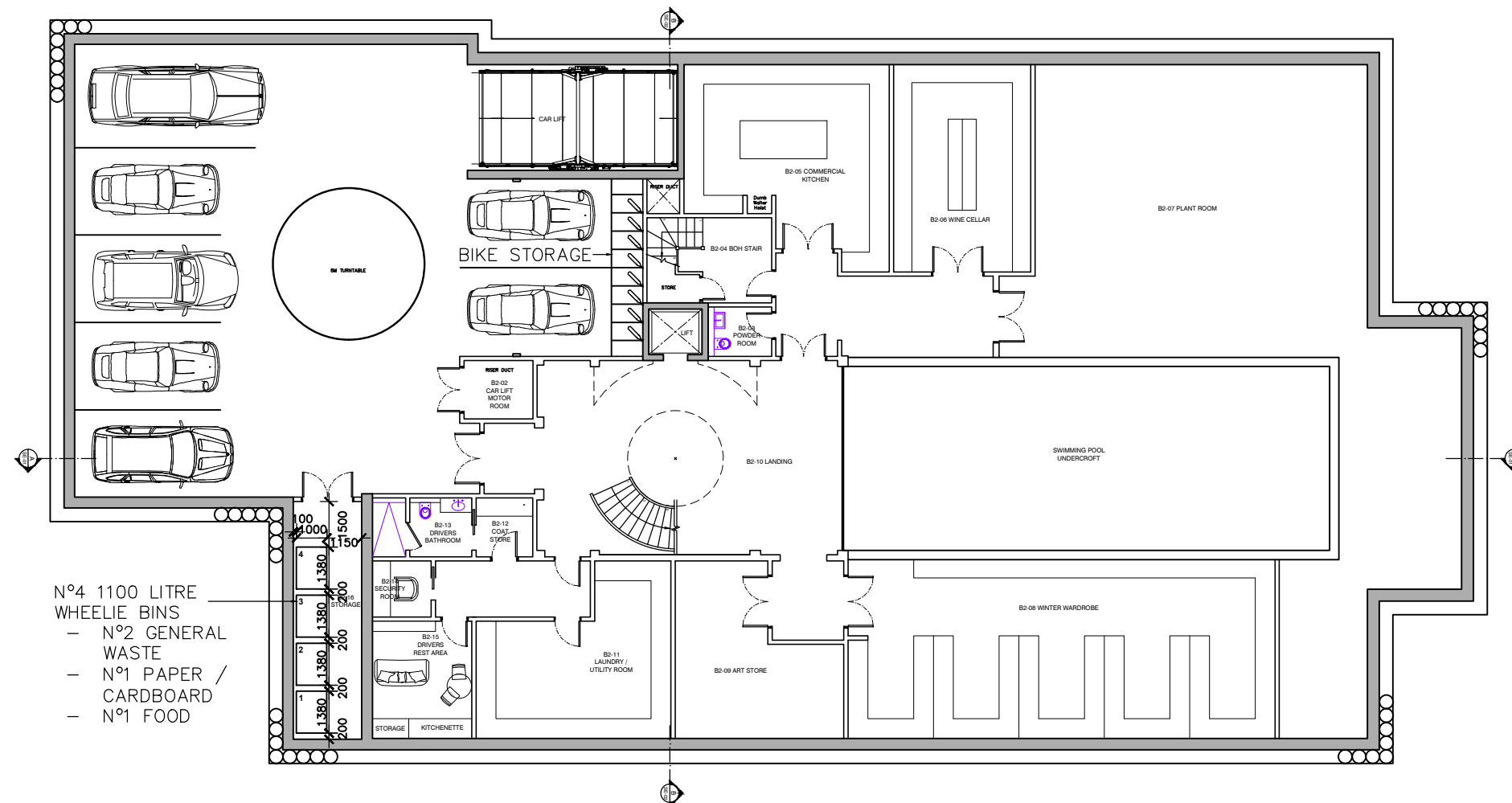
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Gross Internal Area - 922.2m²

Basement plans rotated 90 degrees on layout

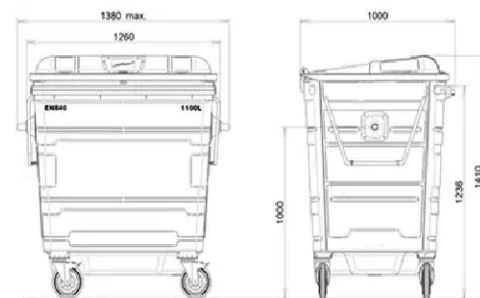


N°4 1100 LITRE
WHEELIE BINS
— N°2 GENERAL
WASTE
— N°1 PAPER /
CARDBOARD
— N°1 FOOD

Proposed Basement -2 Plan
Scale 1:100



1100 Litre Metal Wheelie Bins
NTS



1:100 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

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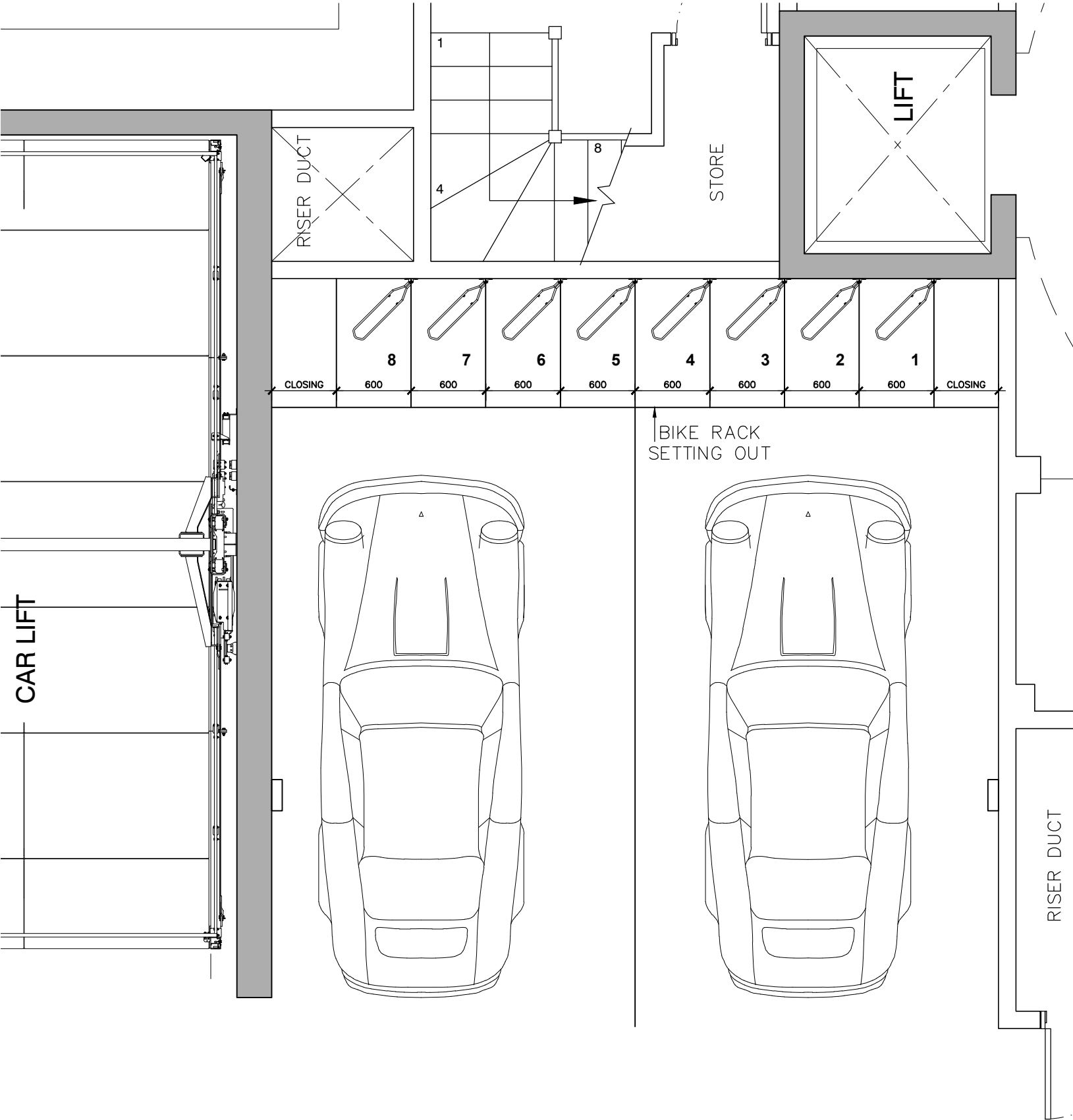
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Drawing
Basement Plan -2
BIN STORAGE

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PARTIAL BASEMENT PLAN -2
Scale 1:20



STEADYRACK WALL MOUNTED BIKE RACK SYSTEM

PRODUCT IMAGE
NTS

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Drawing
BIKE STORAGE
PLAN AND PRODUCT IMAGES

Scale	Date	Drawn	IL
1:20 @A1	Jun. 26	MJ	IL
Type	Client	BS-01	P1
01	228-16		

steadyrack

Spacing Guide



Bike parking designers do not know in advance exactly what types of bikes will be utilising the facility. To address this issue we have created these 2 SPACNG GUIDES to assist in the design and planning of new bike parking facilities.

EACH OF THESE GUIDES WILL ALLOW YOU TO CATER FOR ALMOST ALL BIKE TYPES AND SIZES. As well as our wall mounted bike racks we also recommend as a safeguard designers include a small percentage of Steadyrack floor racks to cater for any bikes that are not suitable for hanging vertically.

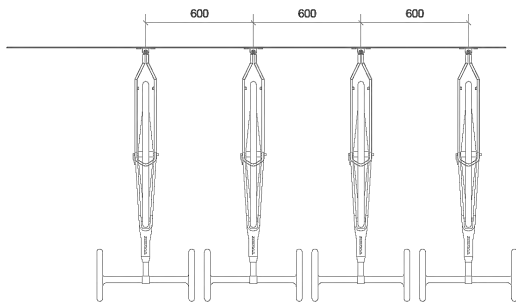
600mm centres - non - staggered

We recommend 600mm as an optimum spacing between the racks when all racks are at the same height. This spacing will ensure that the bikes handlebars do not overlap each other and will allow the user to pivot the bikes much closer to the wall or frame thereby utilising less access lane space.

NB: The closer the rear tyres of the bikes are to the floor when mounted in the racks the easier it is to load and unload bikes. The mounting heights provided in these guides have been proven to work over many installations and allow for longer wheelbase bikes in general. These typically include mountain bikes and hybrid or commuter bikes. Road bikes and smaller hybrid and mountain bike can be mounted 100mm lower than these suggested heights. If you are designing a large installation it is possible to provide separate rows of racks or bays for shorter bikes and for longer bikes. Please contact Steadyrack or one of our team for more information.

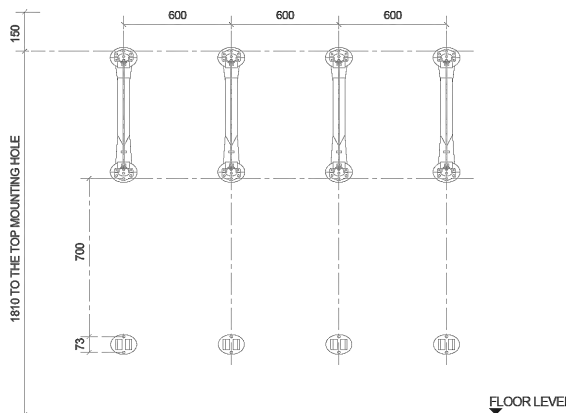


600mm centres - non-staggered



PLAN VIEW

ALLOW Minimum 150MM FROM THE TOP MOUNTING HOLE TO THE UNDERSIDE OF THE CEILING FOR THE FRONT WHEEL CLEARANCE.



ELEVATION VIEW

steadyrack

Mounting Heights



CLASSIC RACK

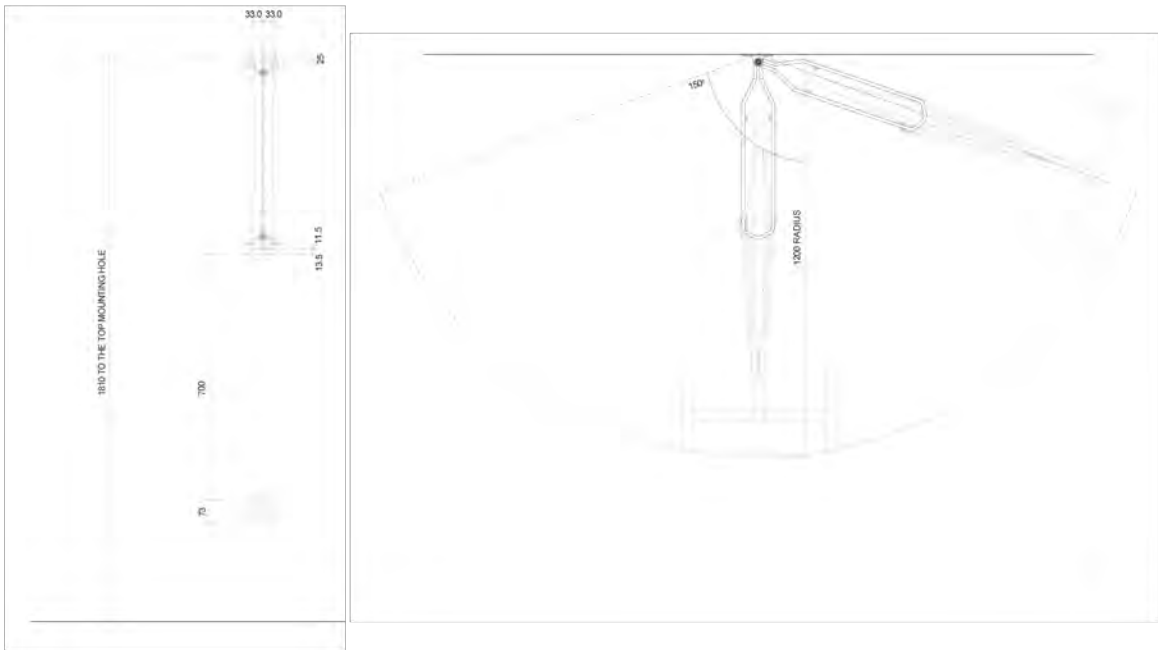
FENDER RACK

FAT RACK

The perfect mounting height is achieved when a bike is hanging in the rack and the rear wheel is close to the floor but not touching.

This ensures the least amount of rise to load the bike. Bikes come in different lengths depending on type and brand. The overall length or wheelbase of the bikes determines the mounting heights, which is why we suggest measuring your bikes (see installation guide). The recommended mounting heights in this diagram below will allow for both shorter and longer wheelbase bikes. If you know the types of bikes you would like to accommodate we can provide additional information on mounting heights to ensure you are able achieve the maximum functionality and ease of use for the end users. Please contact an authorised Steadyrack Bike parking dealer or Steadyrack direct for more information.

The diagram below shows the recommended mounting height for commercial applications.



These diagrams are provided as guide only. Bike manufacturers constantly vary the dimensions of their bikes so it is recommended to check before finalising the exact mounting heights.

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Client
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N6 4LH

Drawing
BIKE STORAGE
PRODUCT SHEET

Scale	Date	Drawn	IL
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Type	Client	BS-02	P1
01	228-16		