

## Project Report

No: 42

2018

**QUEENS AVENUE** 

RESIDENCE

# 29-31 Queens Avenue, Hawthorn, Australia Semi Automatic Parking System with Pit and Pass Thru







Construction year: 2018 Capacity : 72 Car Parking Spaces

: Hamilton Parking Systems Model : Parkonfor 111, Parkonfor 111 Pass Through **Employer** 

Application Main Contractor : Parkolay : Residential - Permanent User

Our first semi-automatic parking system in Australia was implemented in a total area of 800 square meters. It consists of 5 independent units of the pit-type semi-automated parking system **Parkonfor 111**, including **1 Pass Through** type of system. This solution tripled the capacity of the parking lot and provided a total of 72 parking spaces. This implemented pass-through system, being a first in Australia, includes a pass-through platform which slides to the sides in order to cover the gap at the entrance level, for the users to be able to access the rear row.

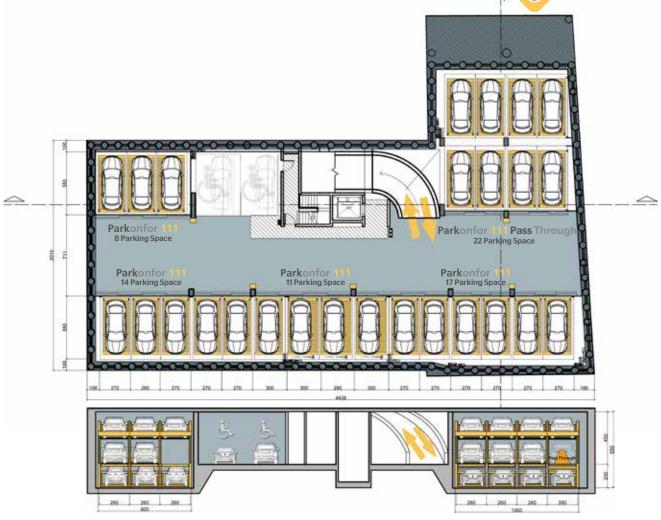












### 29-31 Queens Ave, Hawthorn, Australia

### **Technicial Specifications**

Type : Semi-Automated Parking System with Pit

Year : 2018 City : Melbourne

Employer : Hamilton Parking Systems

Model : Parkonfor 111 x 4, Parkonfor 111 Pass Through x 1

Capacity: 72 Car Parking Spaces

Area : 800 sqm

HPP : 4,0 kW x 5 Units of Hydraulic Power Pack

Control System : Touch-screen Control Panel

#### **Car Dimensions**

Vehicle Length : 500 cm

Platform Width : 240 cm (64 Park Spaces)

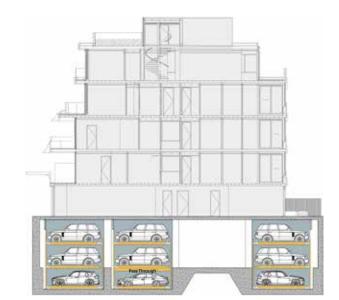
: 270 cm (8 Park Spaces)

Headroom : 450 cm Pit Depth : 200 cm

Vehicle Height : 200 cm (46 Park Spaces)

: 180 cm (22 Park Spaces) : 150 cm (4 Park Spaces)

Load Capacity : 2.200 kg Wheel Capacity : 550 kg



Standart : TS EN 14010



Parkolay