

Operation



Ref: 2803-O – 1

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Notes:

To be read referring to these drawings:

2803-O – AGD Drawing – Ground

2803-O – AGD Drawing – Basements

To ensure security of the car park out of hours, it is essential the garage door is controlled by the access control system, in this description.

Legend:

AGDTC – AGD Traffic Control enclosure.

D1, DE – 2Aspect 100mm **RED/GREEN** lantern.

DO, D2, D3, D4, D5, D6 – 2Aspect 100mm **AMBER/AMBER flashing** lanterns.

B#A & B#B – Directional photo-electric beams.

BH – Height photo-electric beam @ 2100mm AFFL.

Default:

DE, D1 displaying a **GREEN** signal.

DO, D2, D3, D4, D5, D6 – OFF.

Entry Phase:

AGDTC in **Default**.

Visitor

DE displaying a **GREEN** signal.

The vehicle proceeds into the building from the Allens Lane public car park.

The vehicle passes through *BEA* then *BEB*.

AGDTC activates *DO* and commences entry clearance timer.

The vehicle proceeds up ramp to a visitor space 1, 2, 3 OR visitor space 4 on Ground.

AGDTC completes entry clearance time and deactivates *DO*.

AGDTC in **Default**.

Exit Phase:

AGDTC in **Default**.

Visitor

The exiting vehicle enters the driveway ramp passing through *BEB* then *BEA*.

AGDTC changes the display on *DE* to a **RED** signal.

AGDTC commences exit clearance timer.

AGDTC completes exit clearance time and changes *DE* display to **GREEN**.

AGDTC in **Default**.

Entry Phase:
Resident

AGDTC in Default.

DE displaying a GREEN signal.

The vehicle proceeds into the building from the Allens Lane public car park.

The vehicle passes through BEA then BEB.

AGDTC turns DO ON and commences entry clearance timer.

{D1 is displaying a RED signal, vehicle to stop in waiting bay, until a GREEN signal}

The vehicle proceeds down ramp 1 passing through B1A then B1B.

AGDTC completes entry clearance time and turns DO OFF.

AGDTC activates D2, D4 and D6.

The vehicle proceeds down ramp 1 passing through B2A then B2B.

AGDTC commences ramp1 clearance timer.

The vehicle parks in space 5, 6, or 7.

AGDTC completes ramp 1 clearance timer and deactivates D2, D4 and D6.

AGDTC in Default. OR

The vehicle proceeds down ramp 2 passing through B3A then B3B.

AGDTC deactivates D2 and commences ramp 2 clearance timer.

The vehicle parks in space 8, 9, 10, 11.

AGDTC completes ramp 2 clearance timer and deactivates D4 and D6.

AGDTC in Default. OR

The vehicle proceeds down ramp 3 passing through B4A then B4B.

AGDTC deactivates D4 and commences ramp 3 clearance timer.

The vehicle proceeds down ramp 3 passing through B5A then B5B.

AGDTC completes ramp 3 clearance timer and deactivates D6.

AGDTC in Default.

Exit Phase:
Resident

AGDTC in Default.

The exiting vehicle proceeds up ramp 3 passing through B5B then B5A.

AGDTC changes the display on D1 to a RED signal.

AGDTC activates D5, D3 and commences ramp 3 exit clearance timer.

The exiting vehicle proceeds up ramp 3 passing through B4B then B4A.

AGDTC deactivates D5.

AGDTC completes ramp 3 exit clearance time.

OR *Vehicle stops Level B; AGDTC deactivates D3 and changes display on D1 to a GREEN signal.*

AGDTC in Default.

The vehicle proceeds up ramp 2 passing through B3B then B3A.

AGDTC deactivates D3.

OR *Vehicle stops Level A; AGDTC deactivates D3 and changes display on D1 to a GREEN signal.*

AGDTC in Default.

The vehicle proceeds up ramp 1 passing through B2B then B2A.

AGDTC commences ramp 1 to Ground clearance timer.

The vehicle proceeds up ramp 1 passing through B1B then B1A.

AGDTC changes display on D1 to a GREEN signal.

The vehicle enters the driveway ramp passing through BEB then BEA.

AGDTC changes the display on DE to a RED signal.

AGDTC commences exit clearance timer.

AGDTC completes exit clearance time and changes DE display to GREEN.

AGDTC in Default.

Entry Phase: The vehicle approaches the building from the Allens Lane public car park.
Resident The driver utilises the entry method **via** the Access Control system.
Out of Hours The Access Control system opens the garage door.
The Access Control system sends a 3s pulse to AGDTC.
AGDTC turns **DO ON** and commences entry clearance timer.
AGDTC activates *D2*, *D4* and *D6*.
The vehicle enters the driveway see “**Entry Phase - Resident**” for the operation.

Exit Phase: The exiting vehicle enters the ramp see “**Exit Phase - Resident**” for the operation.
Resident Exiting vehicle approaches the garage door and stops in *BEB* and *BEA*.
Out of Hours AGDTC changes display on *DE* to a **RED** signal.
The driver utilises the exit method **via** the Access Control system.
The Access Control system opens the garage door.
The vehicle exits the driveway, leaving *BEB* then *BEA*.
AGDTC commences exit clearance timer.
AGDTC completes exit time and changes display on *DE* to a **GREEN** signal.
AGDTC in **Default**.

Entry Phase: AGDTC in **Default**.
Waste *DE* displaying a **GREEN** signal.
The waste vehicle SRV proceeds into the building from the Allens Lane public car park.
The waste vehicle SRV passes through *BEA* then *BEB*.
AGDTC activates *DO* and commences entry clearance timer.
The waste vehicle SRV occupies the waste loading area stopping in *BH*.
AGDTC changes display on *DE* to a **RED** signal.
AGDTC activates *D2*, *D4* and *D6*.
AGDTC cancels entry clearance time.

Exit Phase: AGDTC in **Entry Phase Waste**.
Waste The waste vehicle SRV leaves the waste loading area moving out of *BH*.
AGDTC commences waste vehicle SRV clearance timer.
The waste vehicle SRV exits the building passing through *BEB* then *BEA*.
AGDTC deactivates *DO*, *D2*, *D4* and *D6*.
AGDTC completes waste vehicle SRV clearance time and changes *DE* display to a **GREEN** signal.
AGDTC in **Default**.

END