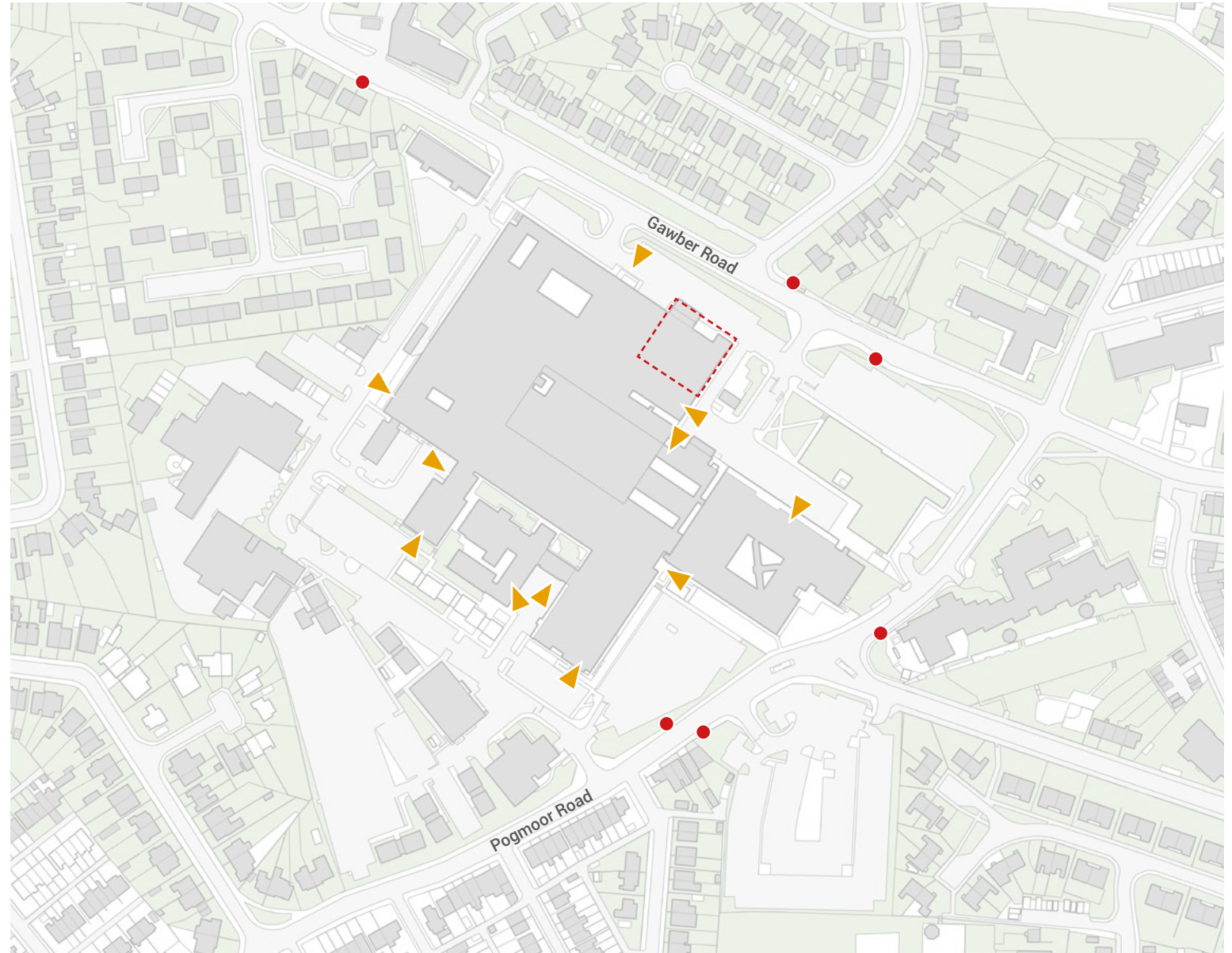








### 1.10 Pedestrian Routes

The existing pedestrian routes are varied across the existing Hospital site.



-  Site Location
-  Key Pedestrian Routes
-  Pedestrian Access to Hospital Entrances
-  Bus Stop

# 01

## Site Context & Analysis

### Vehicular & Pedestrian Approach



Vehicle Approach\_Car Park / Blue Light Route

Existing Blue Light route and vehicular access to Car Park. Often congested and confusing for vehicular route to navigate Car Park and has a lot of conflict with other vehicles.



Vehicle Approach\_Blue Light Approach

Existing access route via Gawber Road to access the Car Park and Blue Light Ambulance Route access.



Pedestrian Approach\_Main Entrance

Existing Main Entrance to access Emergency Department and other Red Zone facilities.



Vehicle Approach\_Car Park / Blue Light Route

Projected canopy for existing ambulance drop off zone, can only accommodate for circa 2-3 ambulances at any one time.



Vehicle Approach\_Car Park / Blue Light Route

Cars and ambulances sharing the same route to the existing entrance of the Emergency Department.



Existing Entrance Pedestrian Approach

At present conflict between pedestrian and cars, these conflicts will be remedied within Phase 1 of the scheme to provide clearer navigation and separation of blue light, pedestrians and vehicles.



### 1.11 Environmental Constraints

The opposite diagram shows the existing constraints around the proposed site which have been considered and have informed the proposed design.



- - - Sunpath Diagram
- Prevailing Wind
- Demolition of Existing Entrance
- ~> Noise from Gawber Road

# 01

## Site Context & Analysis

### Distances From Proposal



#### 1.12 Distances From Proposal

The nearest non-healthcare related building to the proposal are residential housing - 47 metres across Gawber Road. This does not intervene or overlook the nearby housing in addition to incorporating the existing cherry blossom trees in between.



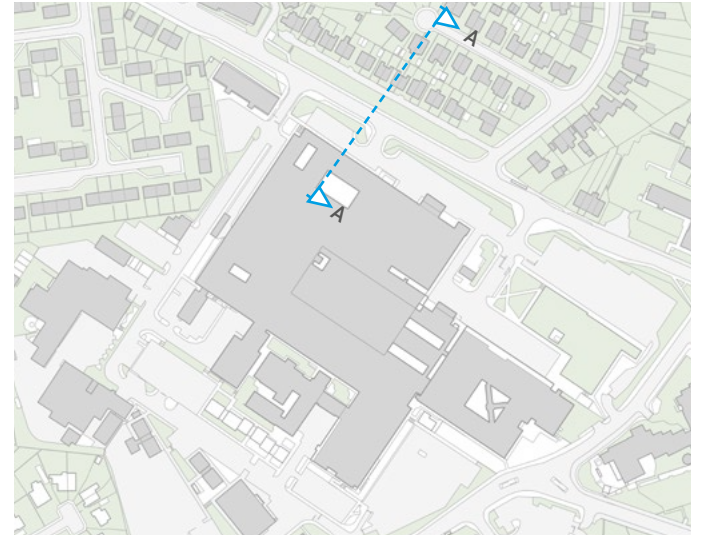
# 01

## Site Context & Analysis

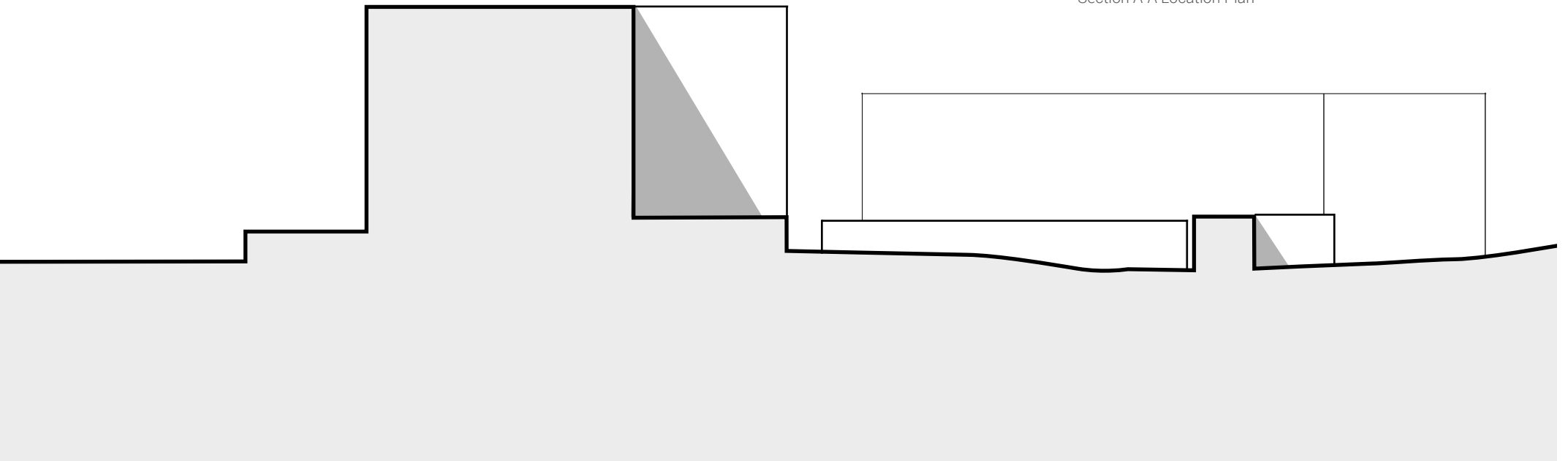
Existing Section Through the Hospital, Proposed Area and Surroundings

### 1.13 Section A-A














Section A-A Location Plan

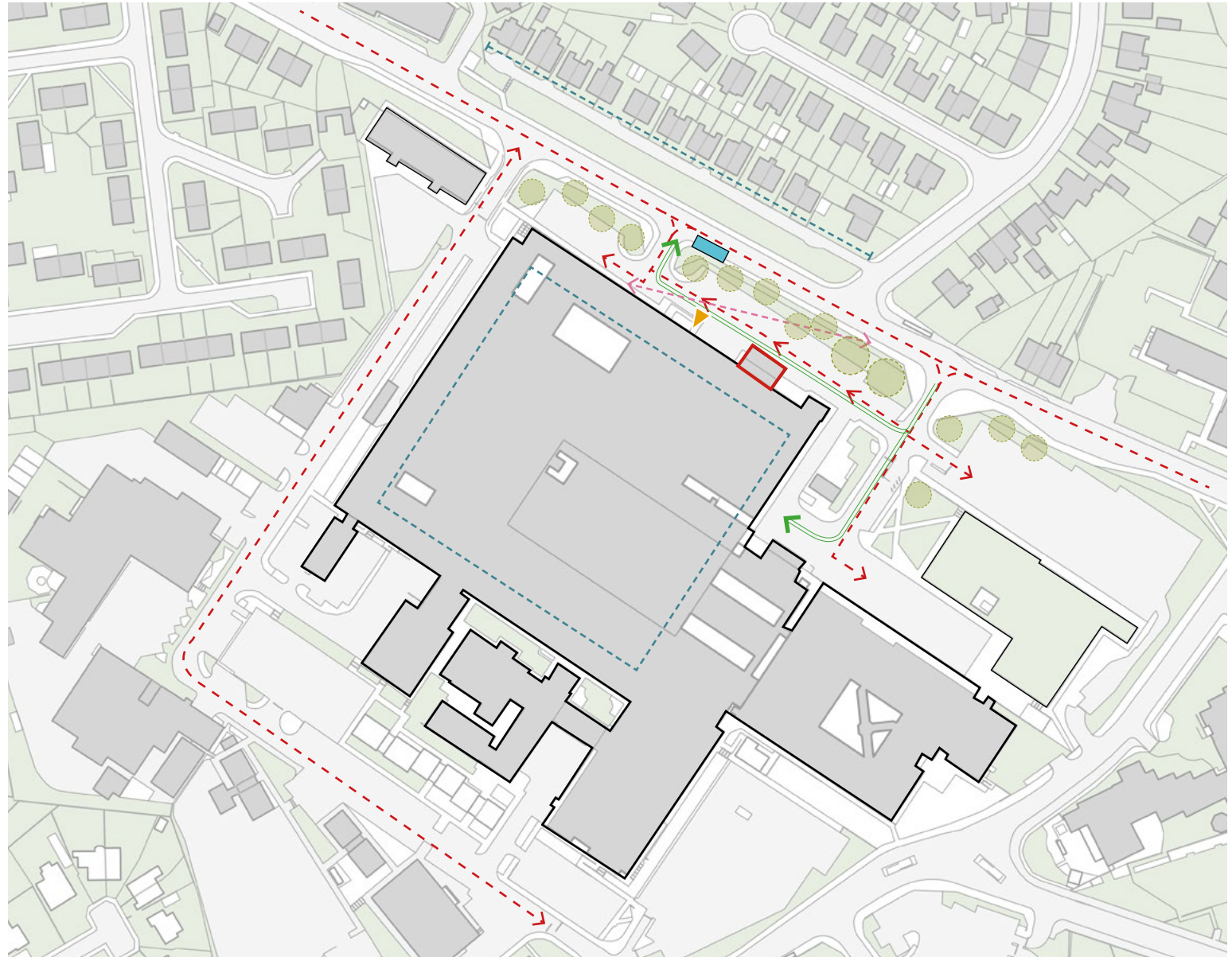




### 1.14 Physical Environmental Constraints

The opposite diagram shows the existing constraints around the proposed site created by the existing buildings, roads, and hospital operations.

-  Indicative area of existing roof lights on existing hospital roof
-  Existing Main Entrance to be retained
-  Existing Residential Housing
-  Existing Trees to be retained (indicative locations refer to proposed site plan for exact locations)
-  Existing Electrical Store/ Transformers
-  Existing drainage services running in close proximity of the site
-  Existing Ambulance Route merging with Vehicular Route
-  Existing Vehicular Route
-  Existing Ambulance Canopy



02

Existing Information

# 02

## Existing Information

### Existing Ground Floor Plan



# 02

## Existing Information

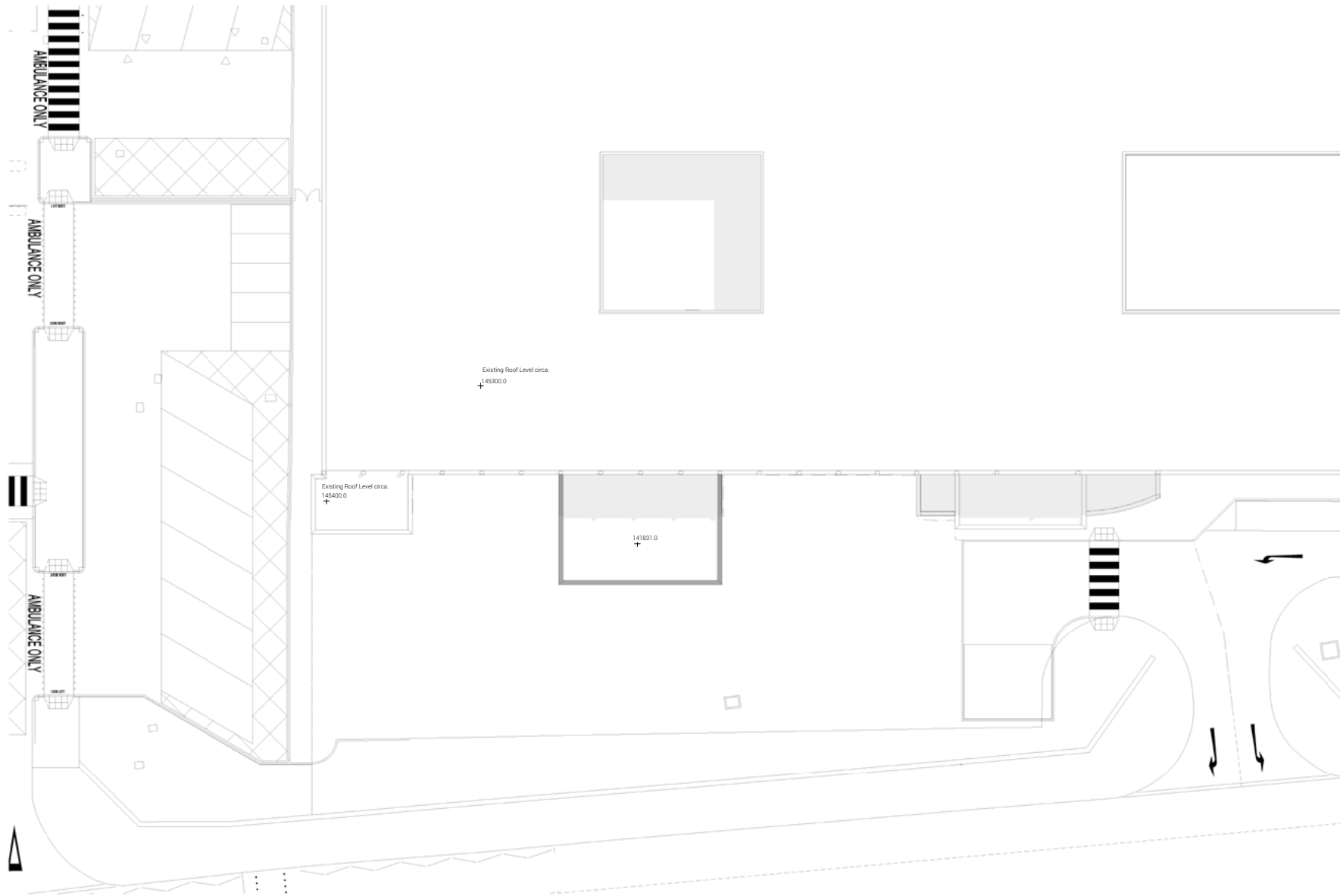
### Existing First Floor Plan



# 02

## Existing Information

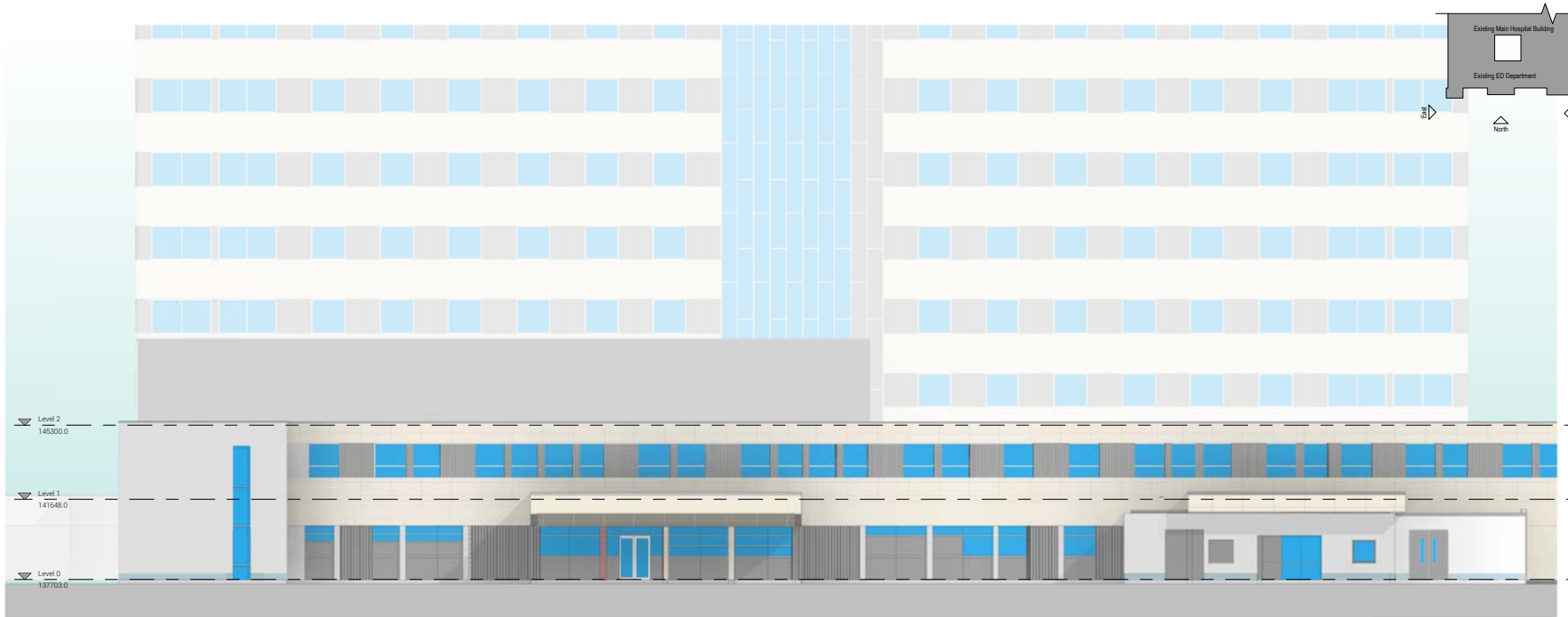
### Existing Roof Plan



# 02

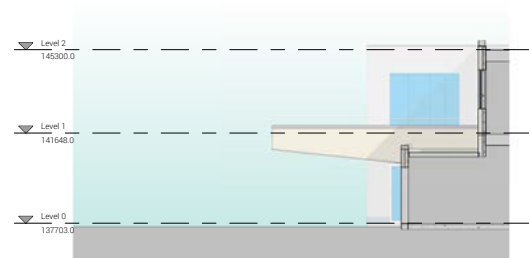
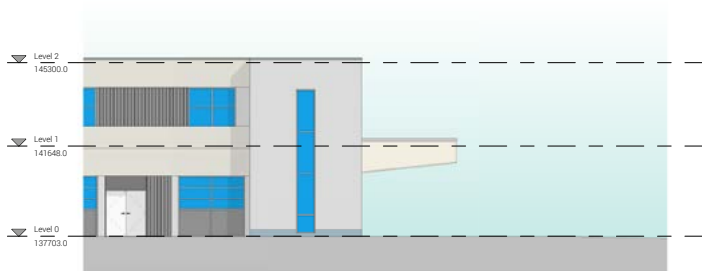
## Existing Information

### Existing Elevations



Existing Elevation North

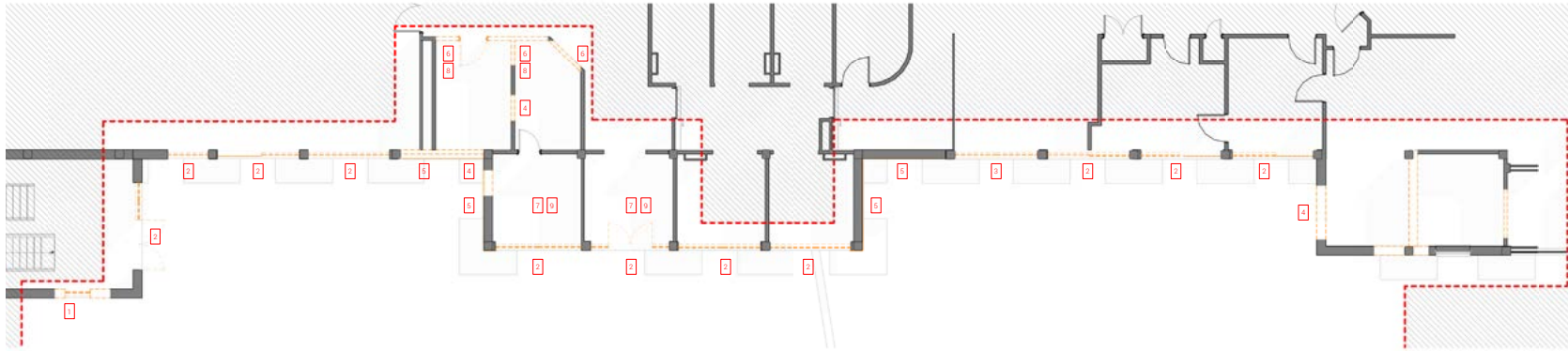
1:100



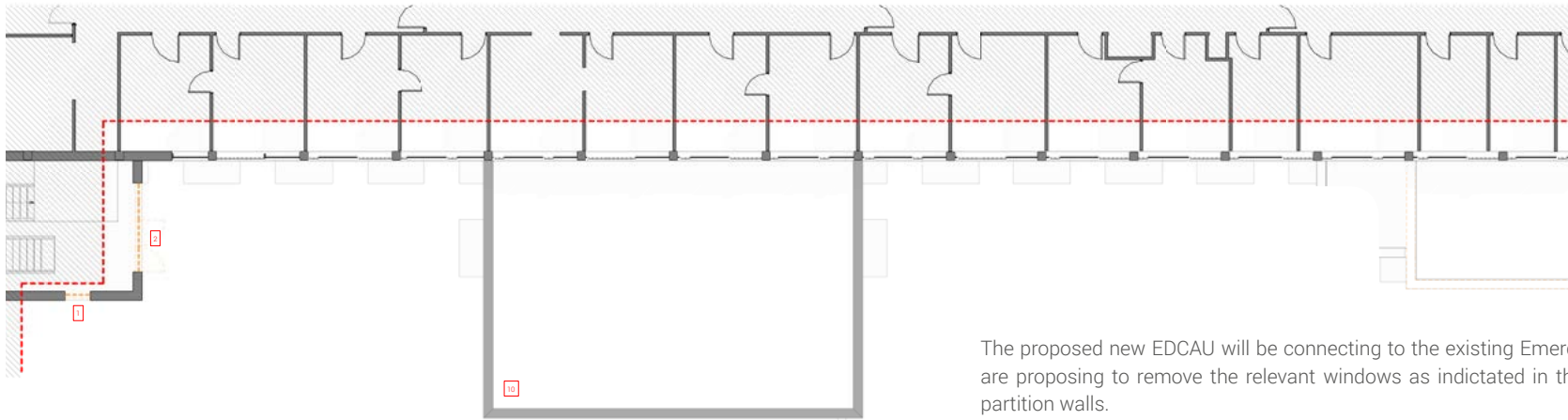
# 02

## Existing Information

### Demolition Plan



Demolition Ground Floor Plan



Demolition First Floor Plan

#### KEY

Area outside of Scope

#### DEMOLITION SCOPE OF WORKS

Denotes elements to be demolished

Denotes elements to be retained

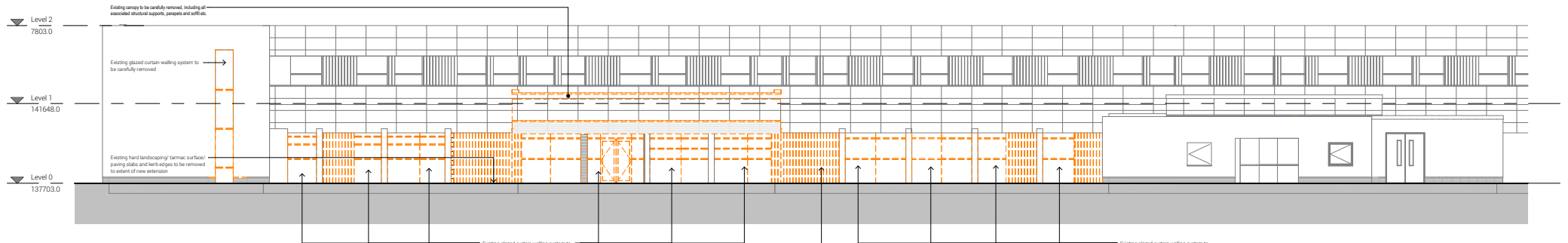
The proposed new EDCAU will be connecting to the existing Emergency Department, therefore we are proposing to remove the relevant windows as indicated in the drawing above and infill with partition walls.

We will also need to access the proposed EDCAU roof via the existing staircore, therefore we will need to reconfigure the existing curtain walling to create an access door onto the roof with infill below as this will abut up to the proposed building.

The existing curtain walling on the North facade of the existing staircore will need to be removed and replaced with the reconfiguration of a new double access fire escape door

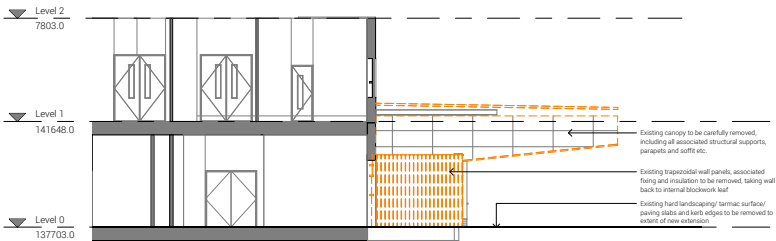
# 02

## Existing Information Demolition Elevations



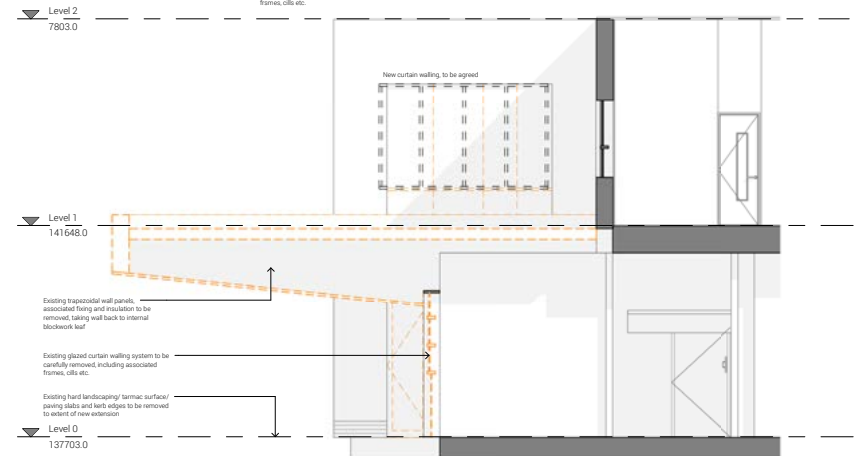
Demolition South Elevation

1:100



Demolition West Elevation

1:100



Section 1 Existing

1:50

02

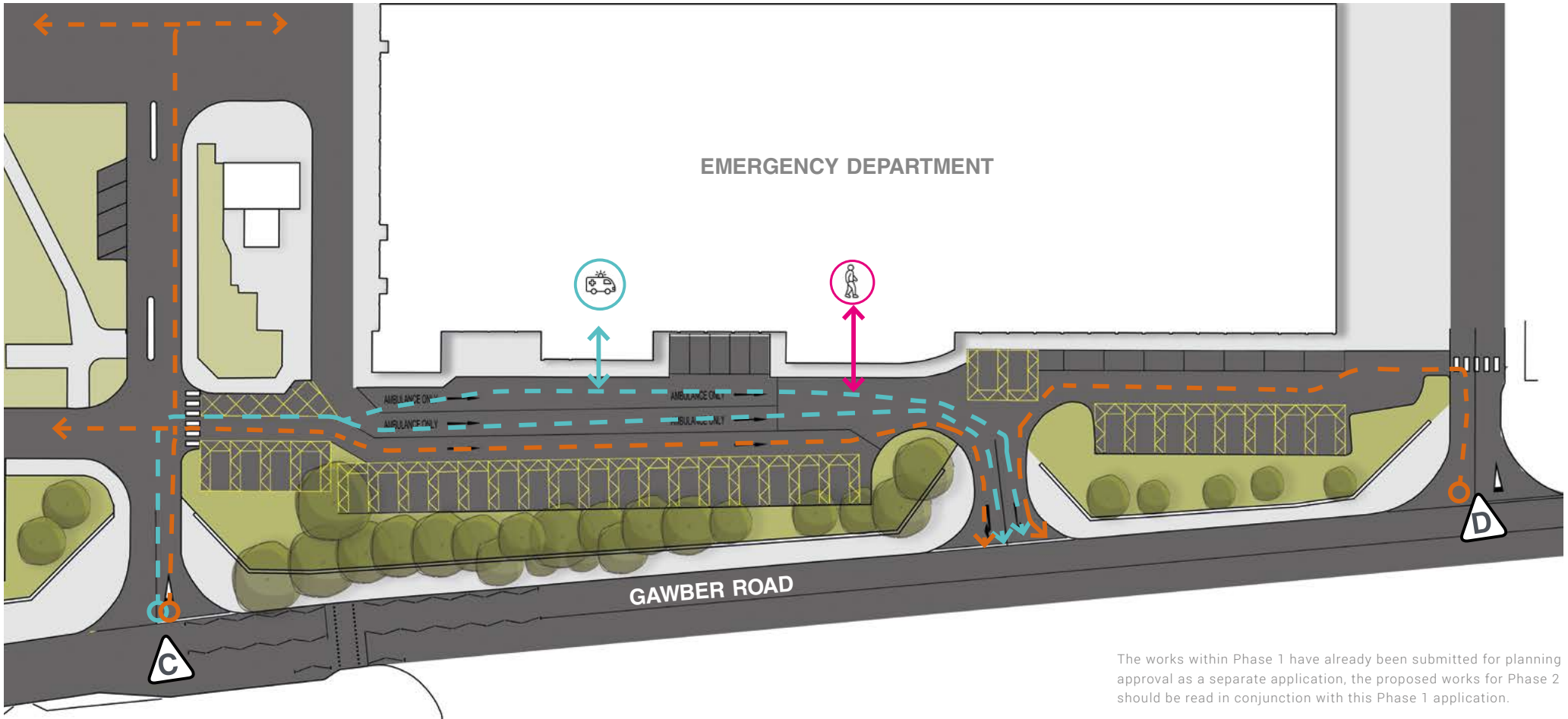
Design Development

# 02

## Design Development

### Phase 1 Works

#### 2.0 Existing Plan



The works within Phase 1 have already been submitted for planning approval as a separate application, the proposed works for Phase 2 should be read in conjunction with this Phase 1 application.

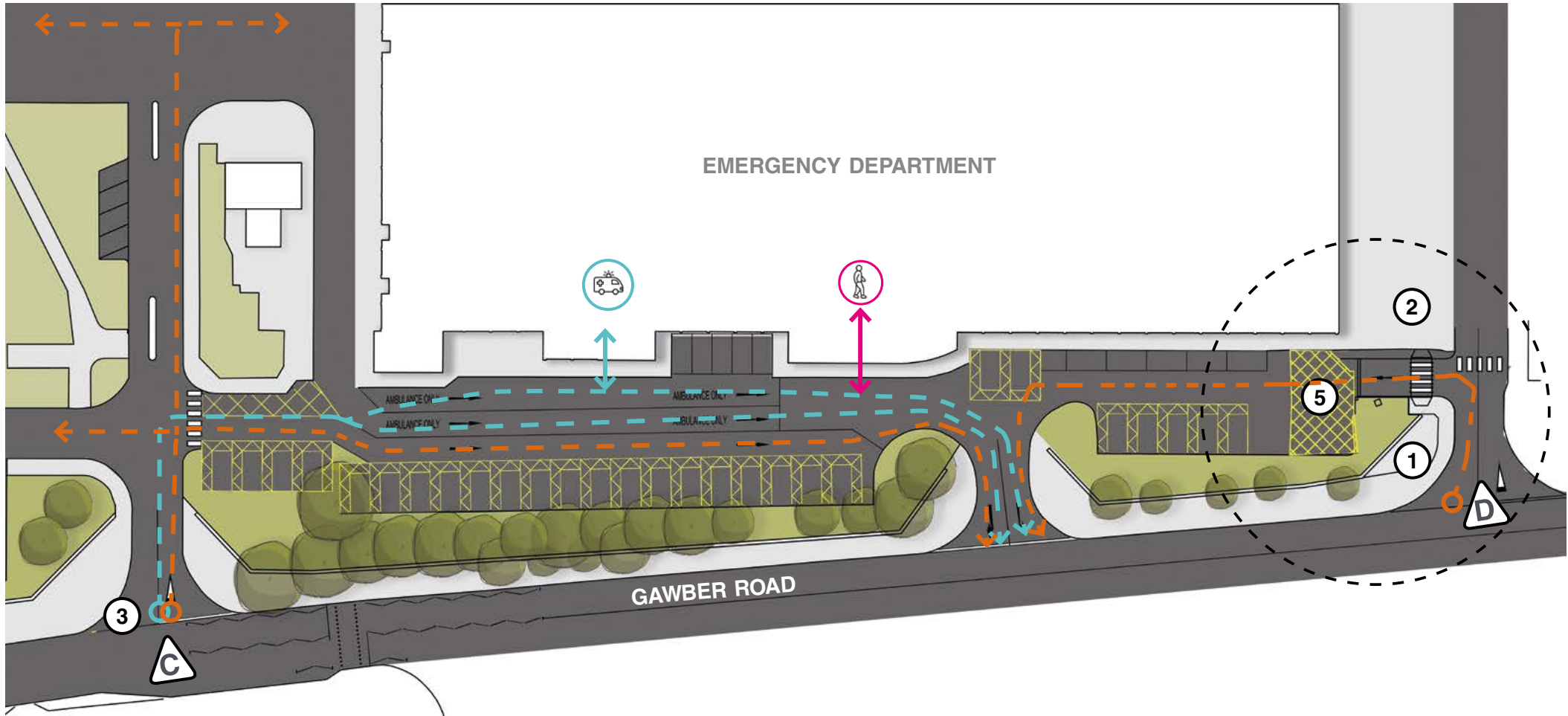
- Main Entrance
- Site Entrance
- Existing Ambulance Entrance
- Ambulance Route
- Vehicular Route
- Walk in Entrance

# 02

## Design Development

### Phase 1 Works

#### 2.1 Temporary Works // New Junction entrance D-immediately before the existing barrier



- ↔ Main Entrance
- ↔ Ambulance Route
- C Site Entrance
- ↔ Vehicular Route
- ☺ Existing Ambulance Entrance
- ☺ Walk in Entrance

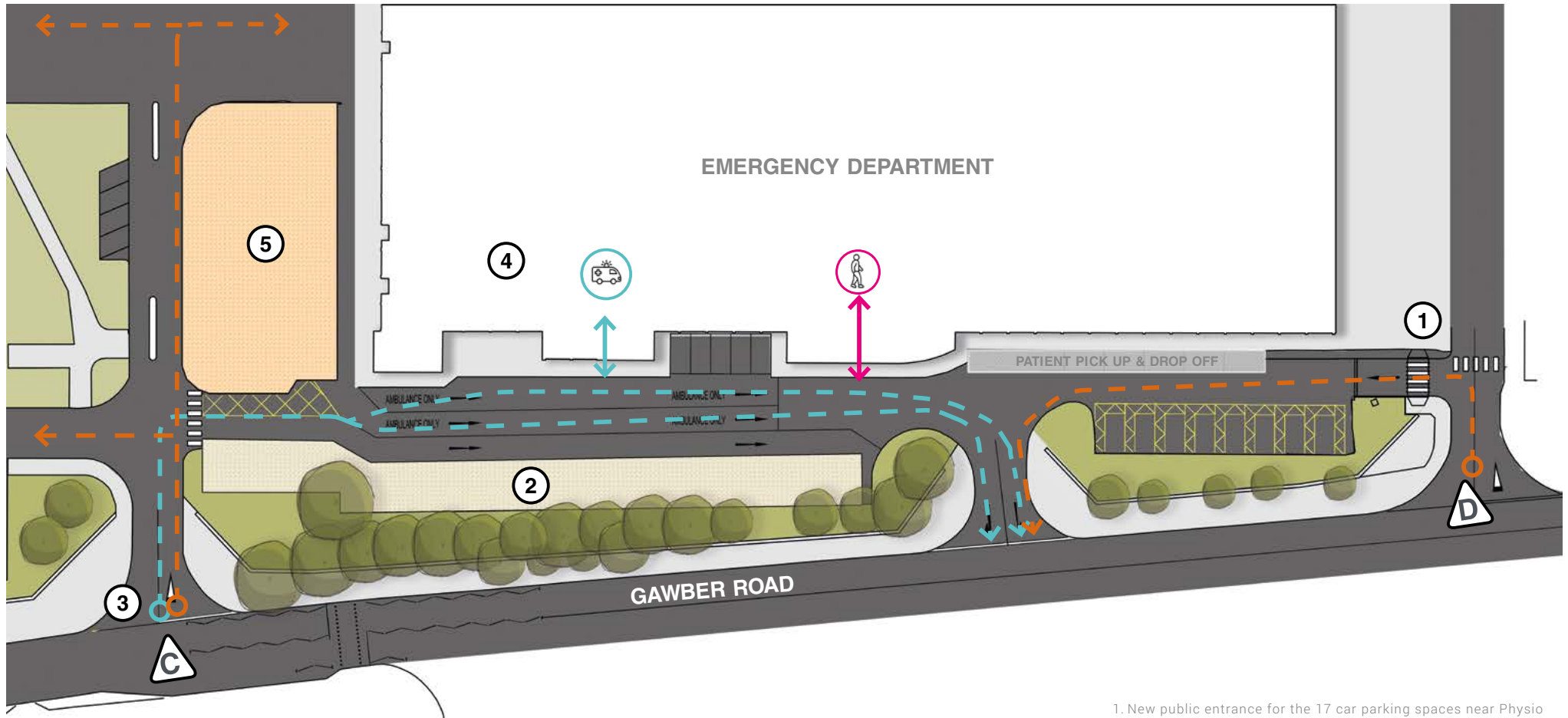
1. Suspension of 7 normal and 10 disabled car parking bays.
2. New junction to car park 5 from entrance D (in only - for cars).
3. The patient transport service and Ambulances will not be affected.
4. Deliveries to M & S/WH Smith and retail units in the Atrium will not be affected.
5. This area will not be available for the mobile scanner.
6. CCTV camera 10 will need to be relocated – discussions on going with Security (ML & AF).

# 02

## Design Development

### Phase 1 Works

#### 2.2 Temporary Works // Existing pipe diversion – front of the podium



- ↔ Main Entrance
- ↔ Ambulance Route
- C Site Entrance
- ↔ Vehicular Route
- ☺ Existing Ambulance Entrance
- ☺ Walk in Entrance

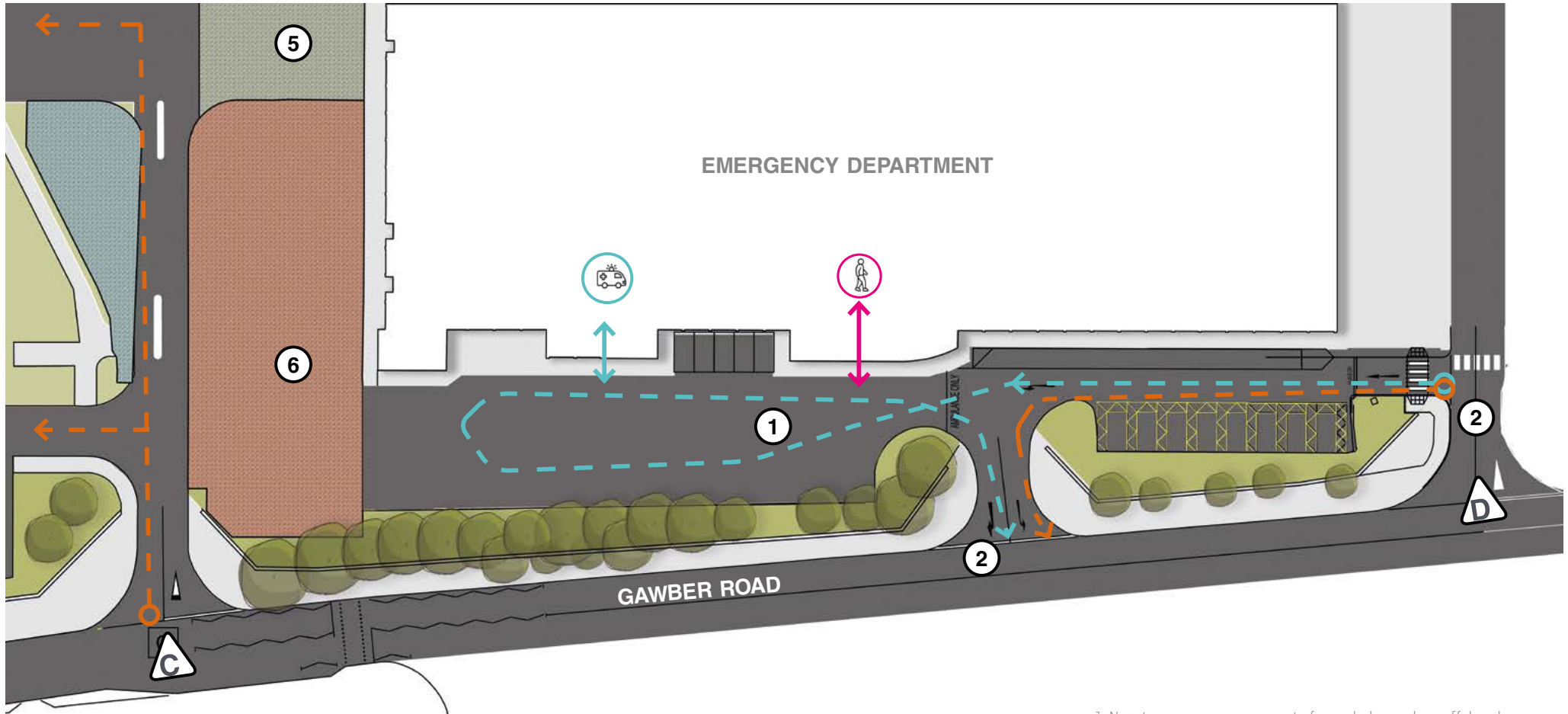
1. New public entrance for the 17 car parking spaces near Physio (entrance D car Park 5) will become operational and will be accessed from entrance D.
2. The 21 disabled car parking spaces opposite current ambulance drop off will be permanently terminated.
3. No change to ambulance ingress and egress.
4. Carryout enabling work in ED for the new temporary ambulance entrance.
5. Contractor works on going in this area, hoardings erected and demolition works commenced.

# 02

## Design Development

### Phase 1 Works

#### 2.3 Temporary Works // Construction – front of main hospital (Main Area Adjacent)



- ↔ Main Entrance
- C Site Entrance
- 🚑 Existing Ambulance Entrance
- Ambulance Route
- Vehicular Route
- 🚶 Walk in Entrance

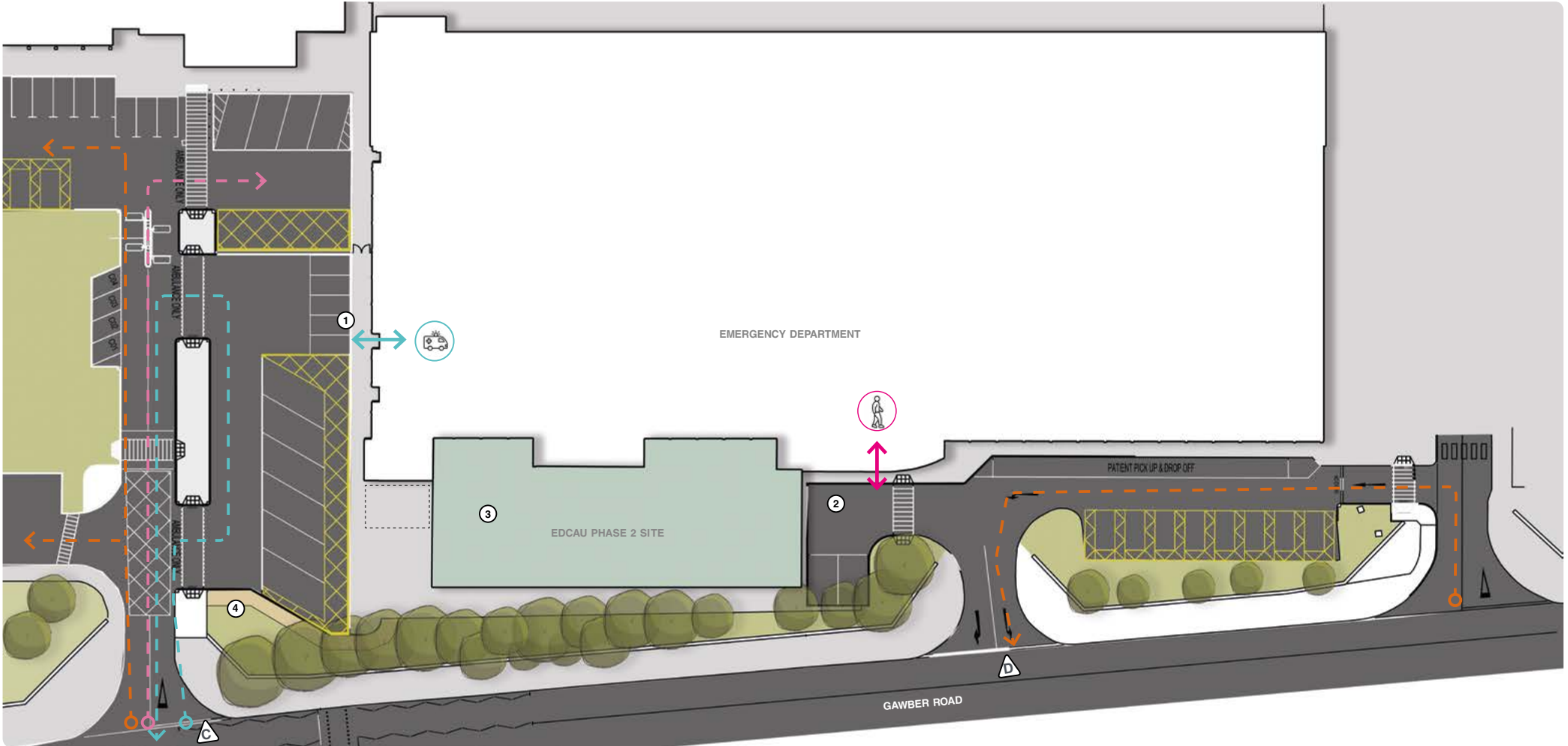
1. New temporary arrangements for ambulance drop off, handover and departure are in place.
2. The Ambulance entrance is via the new junction at Entrance D and they will leave via entrance C/D.
3. Staff/Security/ Car Parking Manager will need to be made aware.
4. The patient transport service will be affected, as will deliveries to M & S/WH Smith and retail units in the Atrium.
5. The work to area where there are patient transport pick up and drops will be carried out – as a discreet package of work to minimise disruption.
6. Increased area for Phase 1 works to commence.

# 02 Design Development

## Phase 1 Works



### 2.4 Completion Phase 1 – Operational // Start of Phase 2



- |  |                                      |  |   |
|--|--------------------------------------|--|---|
|  | Main Entrance                        |  | Site Entrance                               |
|  | Ambulance Route                      |  | Vehicular Route (cars & taxis / deliveries) |
|  | New blue light entrance canopy scope |  | Patient transfer services only              |
|  | Temporary Ambulance Entrance         |  | Walk in Entrance                            |

1. Ambulances will use the new area and temporary entrance for patient drop off's until completion of the new Ambulance entrance for EDCAU.
2. Cars/taxi's will be able to drop off patients via the new entrance adjacent D and egress via the existing opening C/D opposite the ED walk in entrance.
3. Phase 2 to start on site following completion of Phase 1.
4. Proposed new pathway.