

Plant species

Sun Loving Feature Planting
Arrival Plaza



Sanguisorba officinalis
Flowering period: summer-
autumn
Deciduous perennial



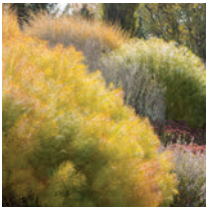
Polygonatum multiflorum
Flowering period: spring
Deciduous rhizomatic
perennial



Muhlenbergia capillaris
Flowering period: Aug-Oct
Evergreen perennial grass



Cornus sanguinea
'Midwinter Fire'
Summer, autumn & winter
colour
Deciduous shrub



Amsonia hubrichtii
Flowering period: June-July,
autumn colour
Deciduous perennial



Choisya x dewitteana 'White
Dazzler'
Flowering period: spring,
autumn
Evergreen shrub



Panicum virgatum 'Cloud
Nine'
Flowering period: spring,
summer
Deciduous/evergreen



Echinacea purpurea
Flowering period: summer,
autumn
Perennial



Salvia nemorosa
Flowering period:
summer, autumn
Deciduous perennial

Shade Tolerant Feature Planting
Hurst Quad and beneath island car park trees



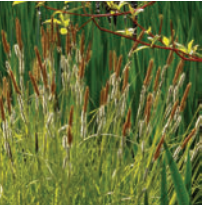
Actaea pachypoda
Flowering period: May-June
Herbaceous perennial



Asplenium scolopendrium
Green all year round
Evergreen



Rodgersia pinnata 'Superba'
Flowering period: summer
Herbaceous perennial



Carex elata 'Aurea'
Flowering period: spring
Evergreen perennial



Convallaria majalis
Flowering period: spring
Deciduous perennial



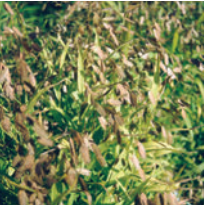
Lonicera japonica
Flowering period: spring,
summer
Evergreen



Cornus sanguinea
Flowering period: summer;
winter colour
Deciduous shrub



Viburnum opulus
Flowering period: spring,
summer
Deciduous/evergreen
shrub



Chasmanthium latifolium
Flowering period:
summer, autumn
Deciduous perennial
shrub

Native Hedge boundary:
New hedge along car park and pedestrian/ Vehicle access. Mix of 8 native woody plant species 1m High examples below



Agastache nepetoides
Flowering period: summer
Perennial



Peucedanum verticillare
Flowering period: summer
Perennial/shrub



Crataegus monogyna
1.5-3m
Deciduous
Wildlife shelter



Corylus avellana
1-4m
Deciduous
Wildlife-friendly



Cornus sanguinea
Deciduous;
winter interest



Prunus spinosa
Native deciduous shrub
White flowers in spring

Access



BDP.

8.1 Site Access

Access to the site is included in the Phase 1 proposals and will remain for Phase 2.

Transport

The College is well served by public transport, close to Horsham train station, and with bus stops on Hurst Road. Refer also to the Context section of this report and the Trasport Statement by Urban Flow, submitted as a separate document as part of this application.

Cycles and Pedestrians

The existing 35 cycle spaces will be retained in their existing location. An additional 40 cycle stands will be provided adjacent to the new entrance gates. Pedestrian access will be maintained from Hurst Road. A new pedestrian gate will be provided, separate from the vehicular gate. As described in the Landscape section, it will lead through a landscaped area, across the internal road via a raised table crossing and into the new arrival plaza. The gate has been positioned relative to the existing pedestrican crossing on Hurst Road, to avoid crowding.

Vehicles

The existing and proposed parking numbers are included in Table 4.1 of the Transport Statement. There are currently 182 parking spaces on-site, with 140 of these in the main car park. The new linear car park will provide spaces for 144 vehicles. Dedicated blue badge parking and visitor parking are retained.



Phase 1 Proposed Site Plan Hurst Road

- Services entrance / exit

Vehicle entrance / exit

Pedestrian access

Cycle access

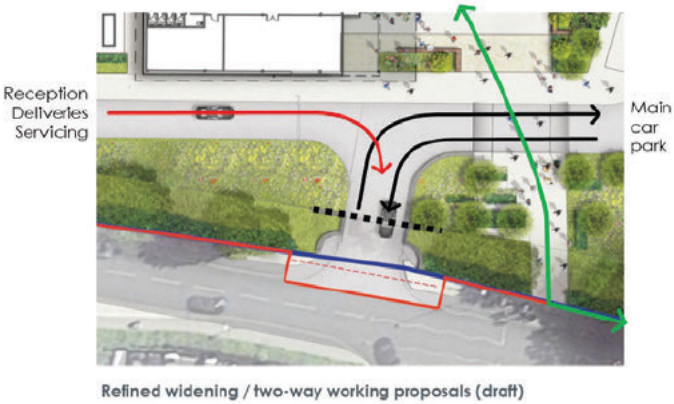
Bus stop
- Pedestrian crossing

Refuse area

Cycle parking

Underground culvert

Site Access



Proposed alterations to the vehicle entry point



Phase 2 Proposed Plan Hurst Road

- Services entrance / exit
- Vehicle entrance / exit
- Pedestrian access
- Cycle access
- Bus stop
- 1 Pedestrian crossing
- 2 Refuse area
- 3 Cycle parking
- 4 Underground culvert

8.2 Waste & Servicing

Existing

The College's waste collection area is located between the car park and the library building.

Proposed

A revised waste collection strategy is integrated with the new road and parking layout. Key is the separation of the school users and the services vehicles. The following changes are proposed:

- 1. A new road will provide access for service and refuse vehicles.
- 2. A new enclosure, next to the existing UKPN substation, will conceal the bins. This will be in a natural fencing material to match the enclosure of the air source heat pumps across the road.
- 3. The existing waste area will be replaced with a landscaped terraced steps leading up to the new technology building, the car park and the playing fields. Refer to the Landscape section for details.

Refer also to the Transport Strategy.

Service, Maintenance

The new road will also be used by maintainace vehicles, such as those serving the UKPN substation and those accessing the internal and external plant areas of the Phase 1 building.

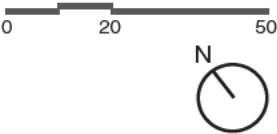


Existing bin store in the foreground, between the car park and the library. The proposals are to replace this with a landscaped area.



Phase 1 Proposed Plan Hurst Road

- Services entrance / exit
- Vehicle entrance / exit
- Pedestrian access
- Services vehicles route.



8.3 Inclusive Design

Phase 1

Entrances

The building has two main entrances - level with the external paving. These go directly into the main core for access to the upstairs classrooms. In addition, an entrance facing the Library building leads directly to the WC area and to a second core.

Vertical Circulation

The building is served by two cores.

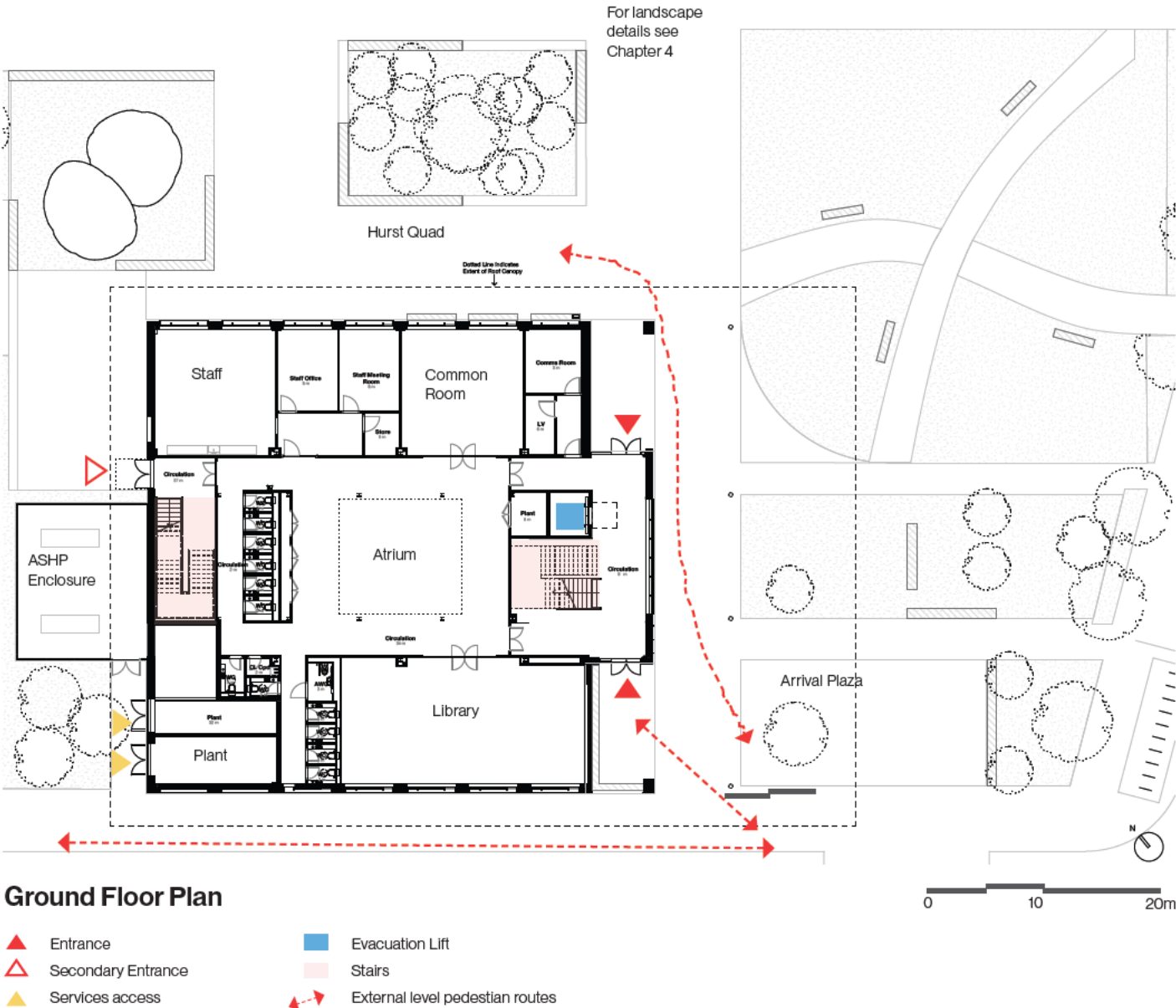
The main core has an evacuation lift, which aids in evacuating those less ambulant, or those in need of level access. and a stair that is 1800mm wide.

The stair in the secondary core is 1550mm wide, and also has a disabled refuge points with a system to provide a safe and accessible location for individuals who may need assistance during an emergency evacuation.

Both stairs will be designed to Part M of the building regulations.

Sanitary Provisions

Accessible water closets (WCs) are located on the ground and first floors and ambulant disabled WCs are provided on every floor. All WCs are designed as individual self-contained toilets to be specified as either universal or single-sex.



Phase 2: Ground Level

Entrances

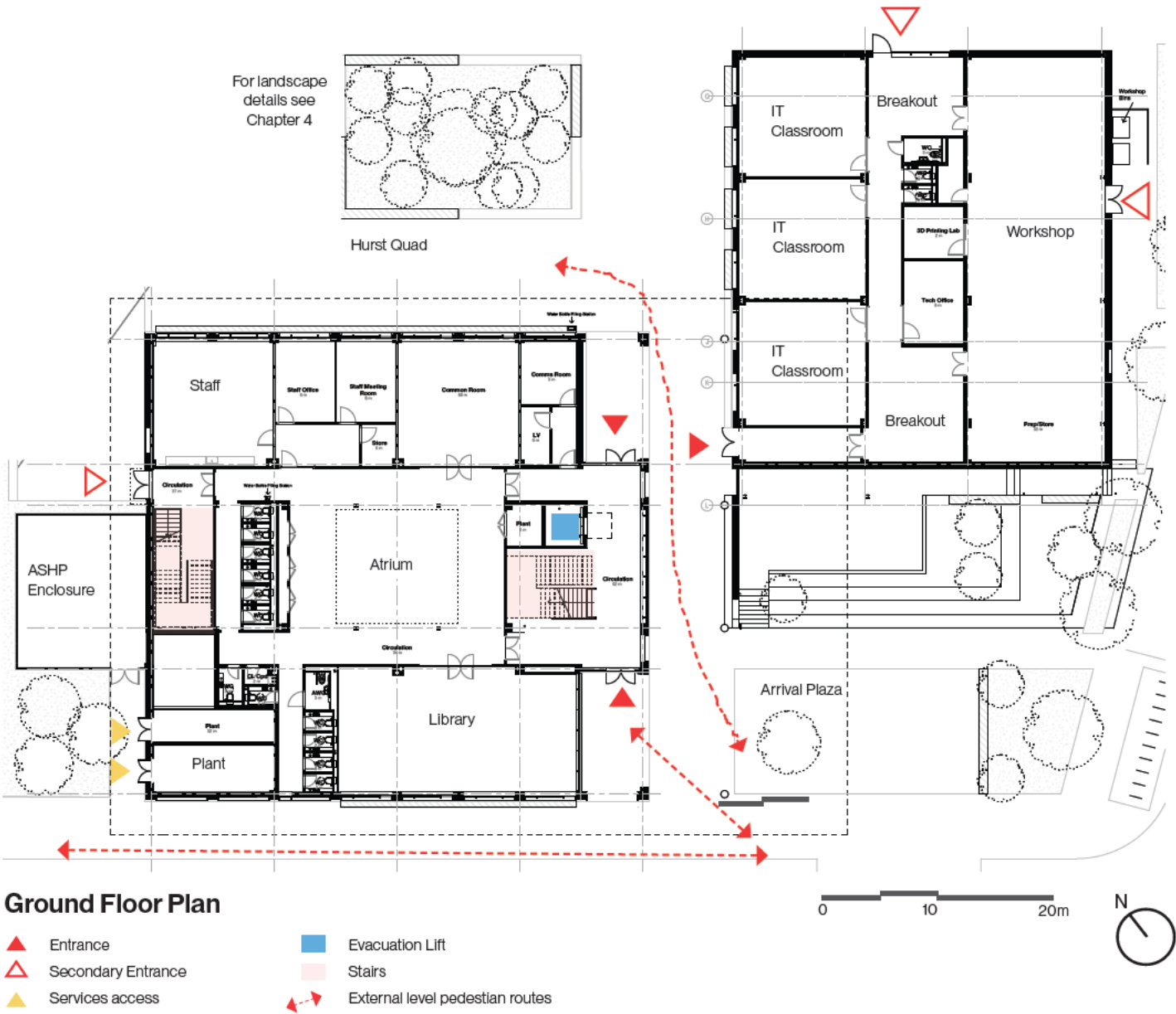
The main entrance faces the entrance of the Phase 1 building. The students will share the facilities in the larger building (for example, the library and the common room). In addition, there are secondary entrances for access to the playing fields and to a temporary bin storage / delivery area facing the car park.

Vertical Circulation

All of the Phase 2 accommodation is on one level. There will be separate provision for roof access for maintenance.

Sanitary Provisions

The building will have an accessible WC and two self-contained WCs. All WCs are unisex and will be specified as either universal or single-sex.



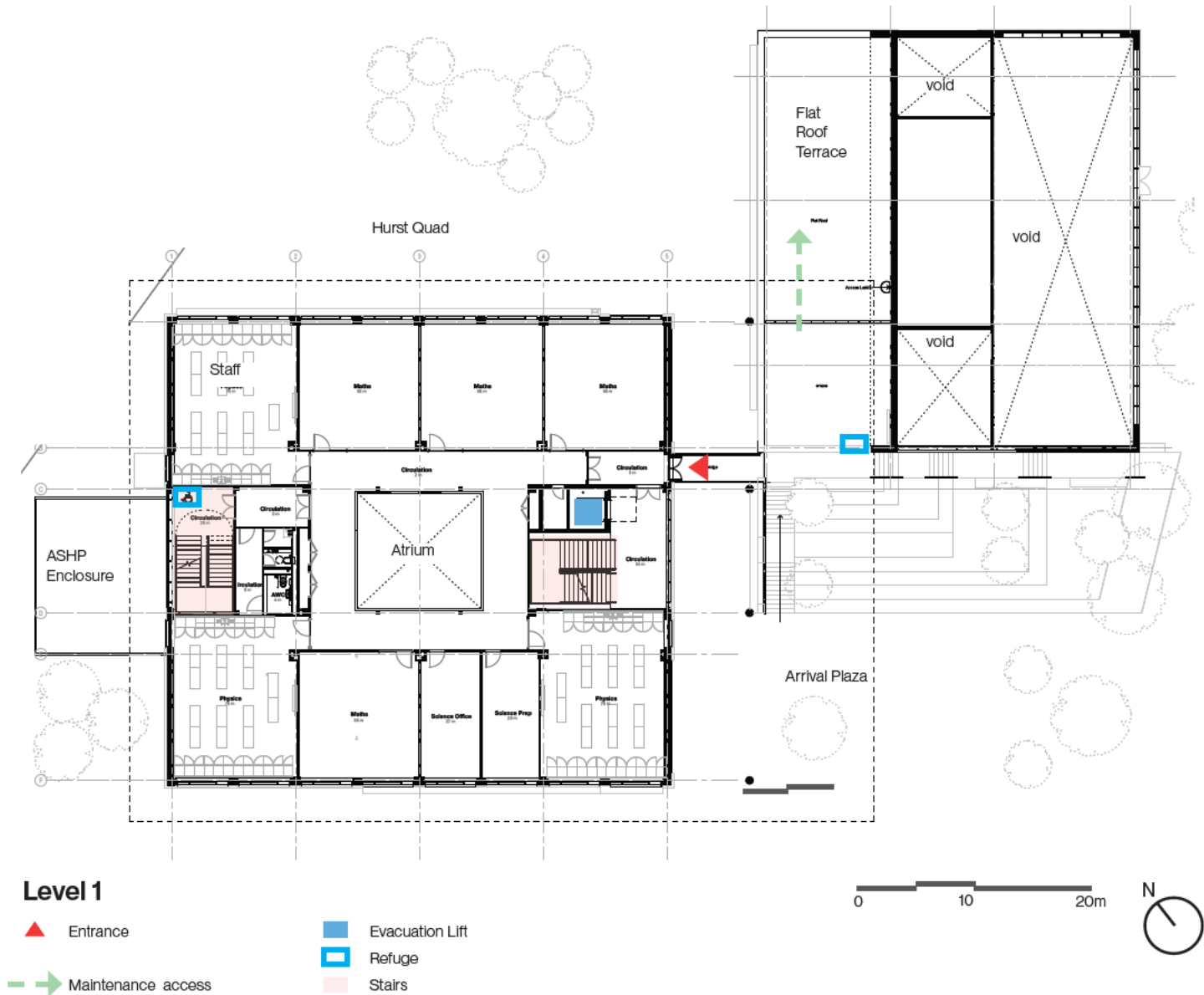
Phase 2: Level 1

Entrances

A new first floor entrance to the Phase 1 building is proposed in Phase 2. This will be accessed via a bridge from the raised landscaped terrace facing the Arrival Plaza. This will give students direct access to the first floor labs and classrooms.

Vertical Circulation

Wheelchair users will be able to access the level 1 terrace from the Phase 1 lift. The terrace will be wide enough to accommodate a refuge as a place of safety in case of a fire blocking the bridge access to the lift.



8.4 Maintenance Access

Phase 1

Vertical Circulation

There will be a permanent access stair, or a pull down access ladder, installed in the main core of the building to provide safe access for the routine maintenance of the roof.

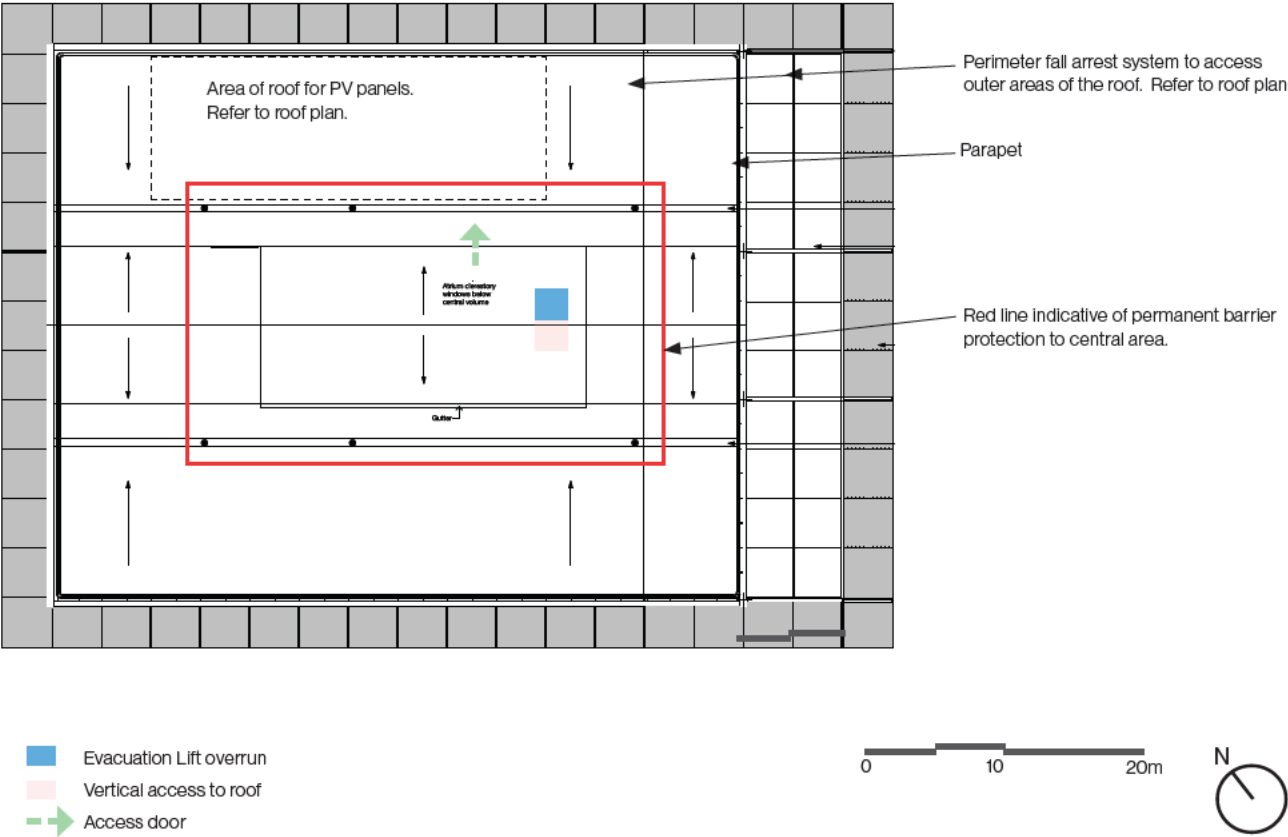
Horizontal Protection

Permanent edge protection will be provided for the central area of the roof, for regular access to the gutters. This will not be visible from Hurst Road.

The outer areas of the roof will be accessed (for the occasional removal of leaves or airbourne debris) by trained maintenance staff using a fall arrest system. The College have a fall arrest system elsewhere on the site and are familiar with how they are managed and operated.

Phase 2

The upper roof of the building will be accessed from the first floor terrace, or from within the building. The lower roof will be directly accessed via a panel in the screen between the terrace and the roof. Refer to the plan on the previous page.



Conclusion



BDP.