

Wester Hailes High School

1 Project Brief

Community

- Consolidate education estate into a modern building.
- Main catering sports and swimming facilities will be retained in the existing building.
- Site to be retained as a community hub with easily accessible services whilst maintaining safety of users.
- Flexible, collaborative spaces with a range of different environments to support staff, students and the community.
- Outdoor spaces as educational resource for staff and community.

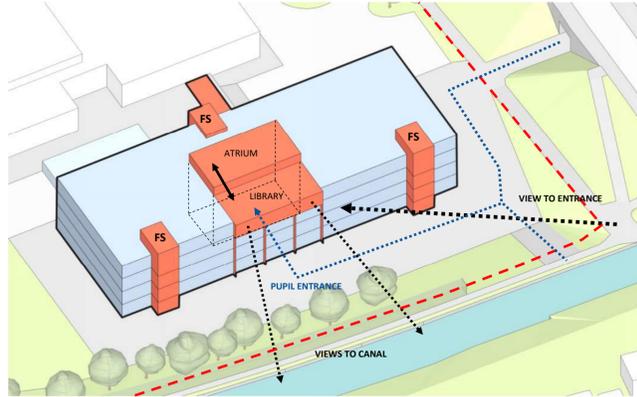
Access

- Improve pedestrian access to campus from Union Canal.
- Inclusive approach to design to benefit all users.

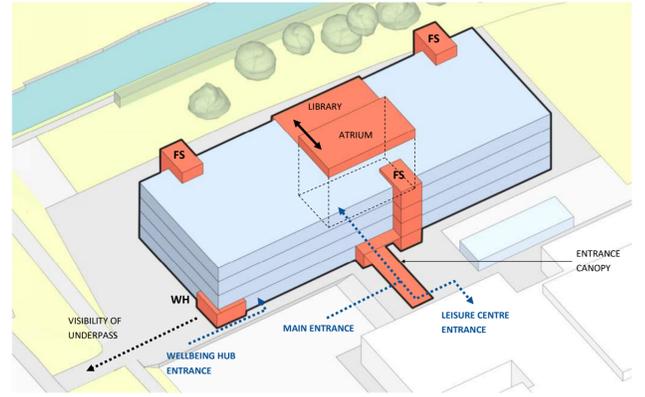
Sustainability

- Passivhaus Classic Standard—Low energy building, high quality construction and optimal internal environmental comfort.
- Net Zero Public Buildings Standard— Low embodied carbon construction.

2 Building Concept Diagram

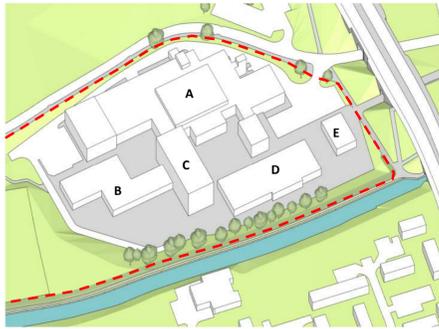


View of concept design from south-west.



View of concept design from north-east.

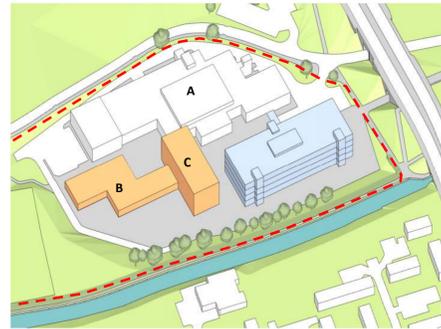
3 Site Phasing Strategy



1: Existing Condition - Education facilities housed within blocks B, C, D and E. Block A is the existing building.



2: Phase 1 - Decant contents of blocks D and E into B & C. Assembly hall and blocks D and E then to be demolished.



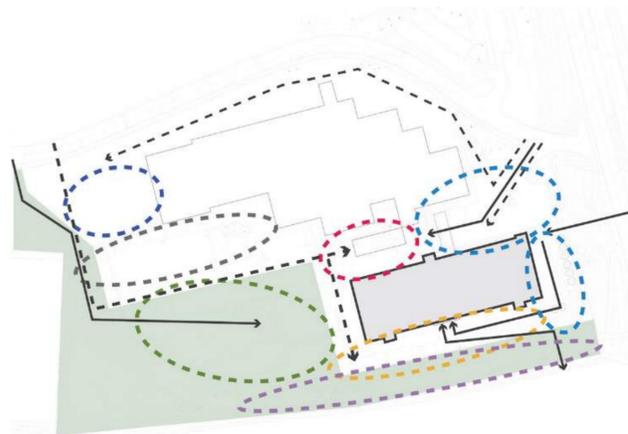
3: Phase 2 - Construction of new high school building.



4: Phase 3— Demolition of blocks B and C following occupation of new building. External works concluded following demolition.

4 Site Strategy

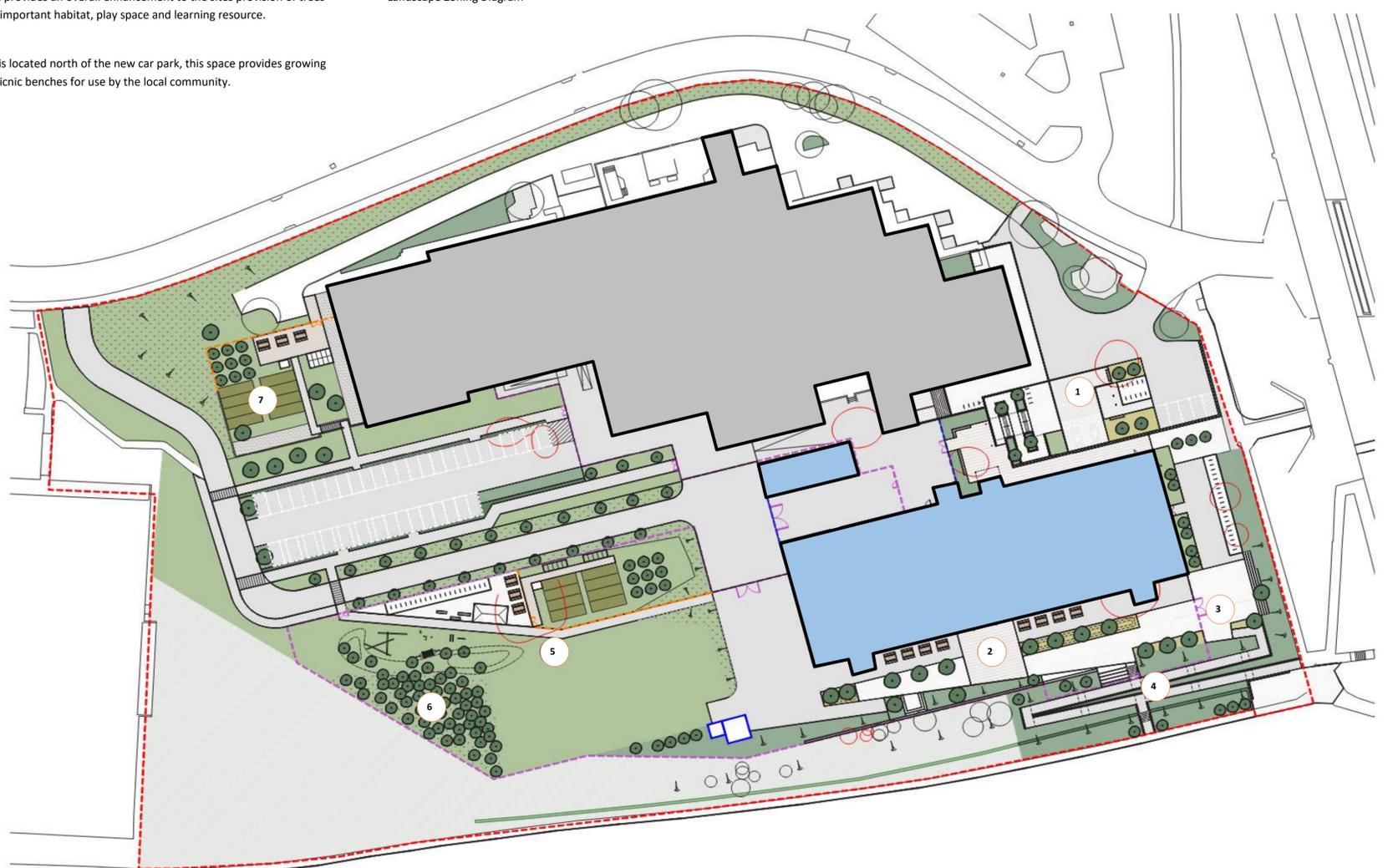
- 1 Building arrival space designed to create a people focussed flexible space which can be used by the community and visitors.
- 2 Creation of a large south facing courtyard which forms the main social space for pupils, incorporating outdoor dining, cycle storage, seating and access to the main pupil entrance.
- 3 Access from the south via a new ramped footpath which connects the school directly to the canal tow path at a key junction off Wester Hailes Road. A secure gate and boundary will be located off the buildings eastern gable which leads to the southern play ground.
- 4 Series of bleacher style seats set into the bank and direct stepped access creates further links between the school and the canal.
- 5 The wider site includes outdoor learning spaces, with shelters and growing spaces.
- 6 An urban woodland area provides an overall enhancement to the sites provision of trees and will develop into an important habitat, play space and learning resource.
- 7 A community allotment is located north of the new car park, this space provides growing beds, poly tunnels and picnic benches for use by the local community.



Landscape Zoning Diagram

LEGEND

- Primary pedestrian/ cycle routes.
- Vehicular routes within site—service access, fire tender, refuse.
- Building Arrival—formal frontage, drop off, accessible parking, community use.
- Main playground—south facing courtyard, main spill out space.
- Connection to canal—improved connections, accessible access route.
- Outdoor learning—grow spaces, shelters, orchard trees, seating pockets.
- Service yard—bin storage, CDT workshop.
- Main car park—extended from existing provision.
- Community space—allotments, social space.



Site Masterplan

Wester Hailes High School



Aerial Perspective from south east.



View of southern playground and pupil entrance.



Aerial perspective from north-east showing public arrival space.



Aerial perspective from west showing outdoor learning spaces, carpark and community allotments.



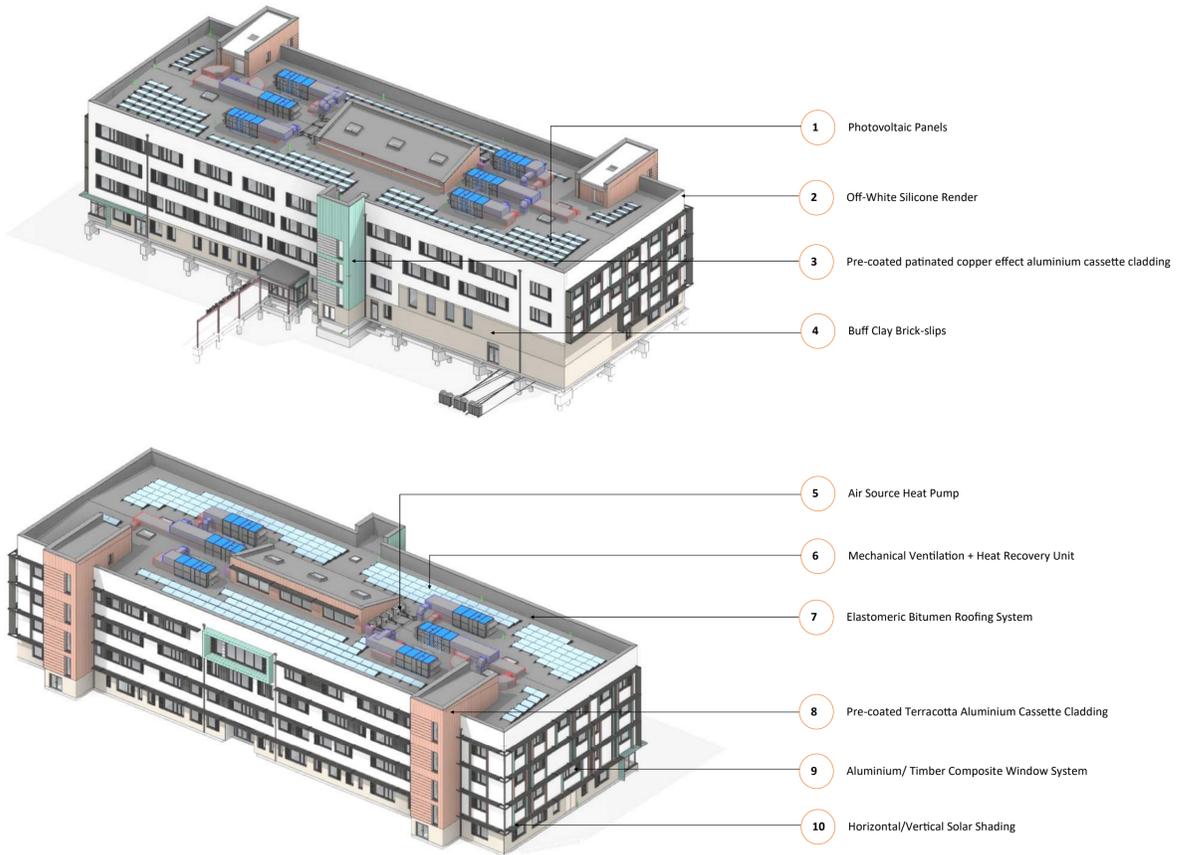
View of south elevation from south-east at canal tow path.

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6 Building Exterior



View of north and east elevations from drop-off area.



View of south elevation and playground area.



View of north elevation and public space at main entrance.

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7 Building Interior

