# SQUIRE & PARTNERS

Newcombe House

Minor Material Amendments Update Presentation

### Content

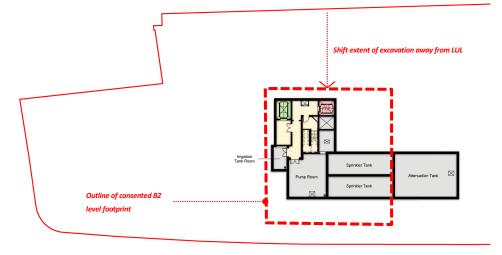
- Update to basements
- Newcombe House Tower Updates
- Kensington Church Street Building Updates
- Medical / Resi Building Updates

## **Update to Basements**

#### 1. Amendment to B2 level layout:

- Layout updated to improve basement construction and temporary works design, which includes reducing the extent of B2 level excavation near LUL.
- Uses at B2 level remain unchanged.





Consented Ground Floor plan

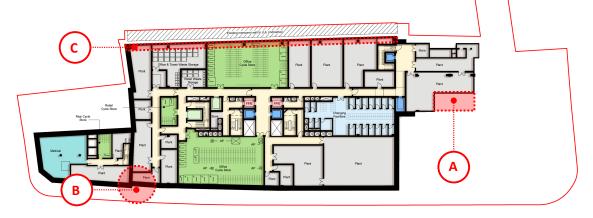
**Revised Ground Floor plan** 



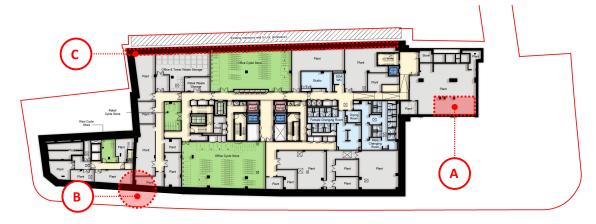
## **Update to Basements**

#### 2. Amendment to B1 level layout:

- A. Increase to NCH tower B1: Surveys post submission confirmed additional existing floor area to NCH tower B1 level (no excavation).
- B. Omission of step in basement design: Alignment of secant piling within ownership boundary.
- C. New secant pile structure introduced to along west elevation at B1 level to suit TfL's requirements.



Consented Ground Floor plan

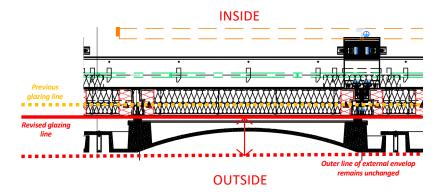


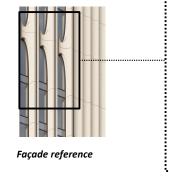
Revised Ground Floor plan

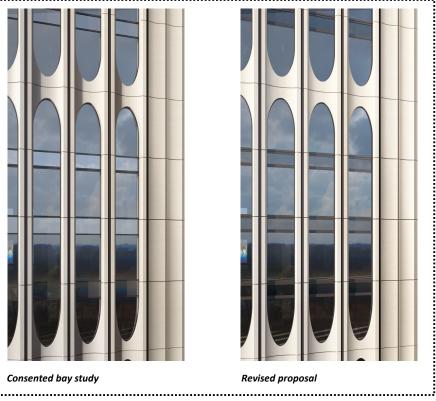


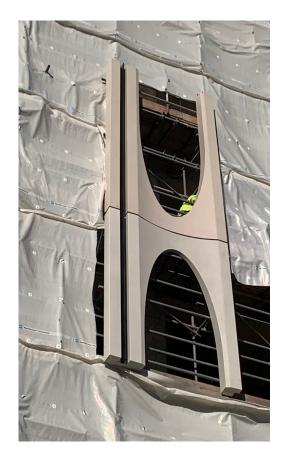
#### 1). Reduction to the façade depth to NCH tower

- Façade depth to the tower has been reduced to lighten the loading on the retained structure.
- Proportion and geometry, including scalloped profiling, are still maintained from the consented scheme – see imagery opposite.
- · Expressed joints and datums remain unchanged.
- Reduction to façade depth has no impact on solar shading / energy performance to the office building.



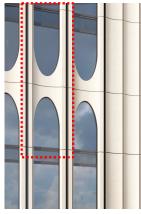












CGI bay study

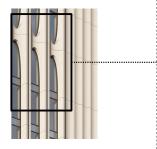
On-site mock-up of elliptical module

#### 2). Update to glazed spandrel detail to suit technical detail:

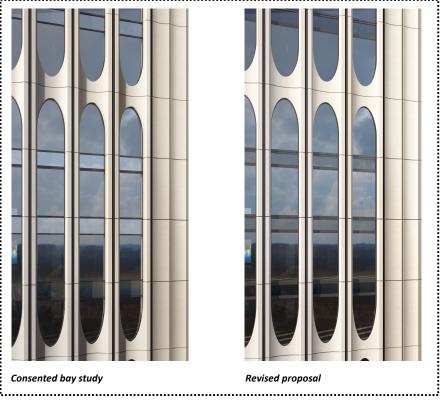
- Technical development to the glazed spandrel panel to include dark coloured frit located behind glazing.
- Spandrel receives the same finish to match visible glazing, which ensure reflections remain consistent.
- Subtle horizontal expression strengthens the tower's 1960s architectural language within the wider NHG estate masterplan, including that of the neighbouring David Game House (see below).



Existing Newcombe House Tower and David Game House refurbished façade



Façade reference

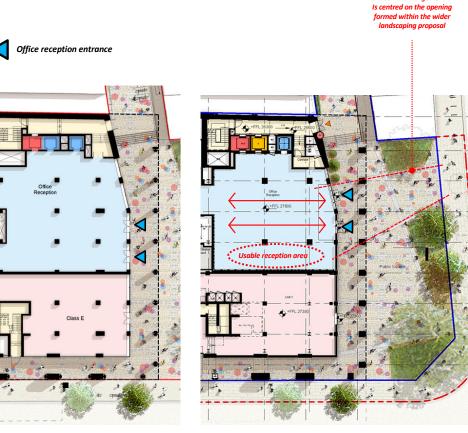


#### 3). Revised door locations to Office Entrance:

- Updated to suit optimised interior reception layouts.
- Refer to visual overleaf for proposed reception layout.

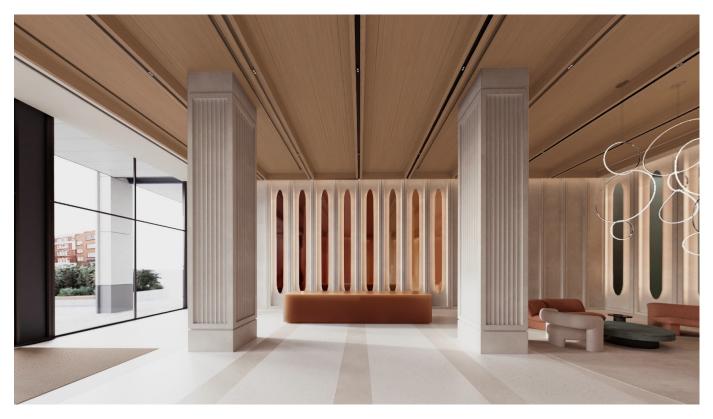


Revised proposal

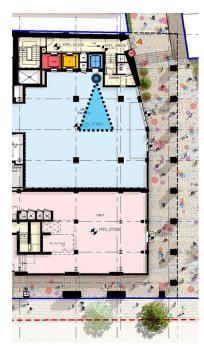


Consented Ground Floor plan

Revised Ground Floor plan



Proposed Visual to NCH Tower Office Reception



View location key plan

#### 4). Colonnade update to east elevation

 Developed structural strategy to improve colonnade symmetry and accessibility at grade.



Consented Ground Floor plan



Revised Ground Floor plan



Consented east elevation



Revised east elevation



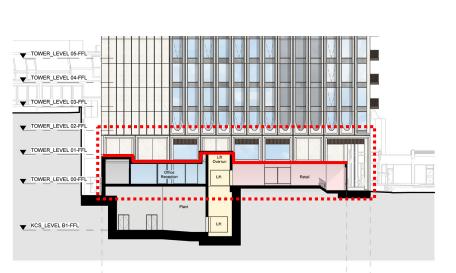
#### 5). Update to link elevation between KCS and NCH buildings:

- Updated to suit access into NCH retail unit and fire escape from NCH tower.
- Improved elevation at ground level that maximises activation of frontages.



#### 6). Revised elevation to KCS and NT with improved roofscape to Link Building

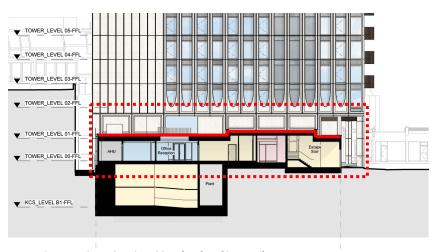
- Simplification of roof design with internal layout arrangement.
- Extent of glazing to roof developed with interior design intent.
- This affords the scheme to improve the roof profile to the Link Building and rationalise the façade design to Newcombe House Tower.



Consented section through Link Building (roof profile in red)



Office interior with proposed rooflight



Revised section through Link Building (roof profile in red)

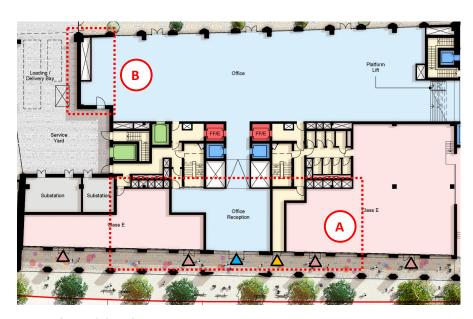




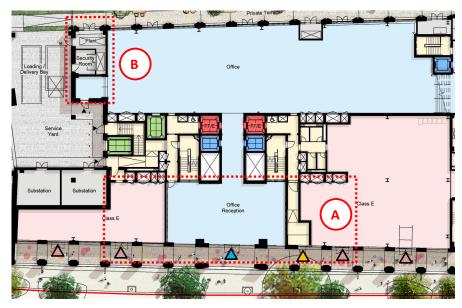


#### 1). Amendments to GF Retail and Office layouts

- A. Increased KCS Office Reception to establish a reception space proportionate to office provision of the KCS building.
  - Amendments improve visibility, wayfinding and activation along KCS colonnade frontage.
  - Door locations for fire-egress and retail access have been amended.
- B. Security room added to Loading / Delivery bay to monitor deliveries.



Consented Ground Floor plan



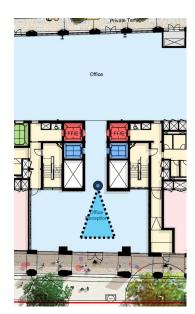
Office reception entrance

Office fire escape egress

Revised Ground Floor plan



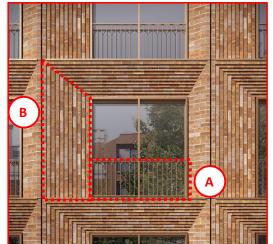
Proposed Visual to KCS Building Office Reception onto the colonnade frontage



View location key plan

#### 2). Principal façade updates

- A. Handrails reduced to openable window sections.
  - 'Lightens' architectural treatment of façade language across KCS frontage.
- B. Brickwork detailing amended with brick orientation changed to improve interfacing detailing.
- C. External doors at 5<sup>th</sup> floor terrace level amended to a double doorset.



Consented CGI bay study CGI Revised C



Revised CGI bay study



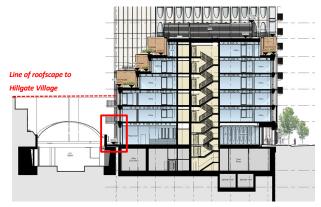
Consented principal elevation



Revised principal elevation

#### 3). Updates to rear elevation:

- Similar handrail updates from previous slide.
- Improved glazing to louvre ratio to increase daylight onto internal floor area.
- Update to louvred sections to façade for air intake / extract to basement plant/
- Proposed changes are not visible from local townscape incl. Hillgate Village.



**Proposed Cross Section** 







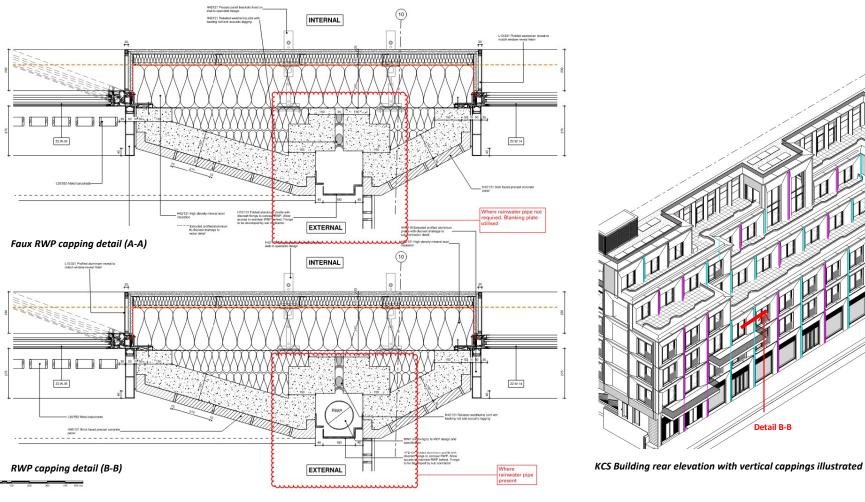
Consented rear elevation

#### 4). Introduction of external RWPs to rear elevation

- External RWPs introduced to the rear elevation of the KCS building to remove the risk of water ingress from rainwater drainage from the series of cascading terraces.
- The location and design of the RWPs, which are clad in pressed aluminium cappings, accentuate the modular design of the façades to the KCS building.
- Where RWPs are not located, addition vertical cappings have been introduced to ensure consistency within the façade's modular rhythm.
- The amended design enhances the architecture's modular expression to the rear elevation, whilst complimenting the townscape view from Hillgate Village.



KCS Building rear elevation with vertical cappings illustrated



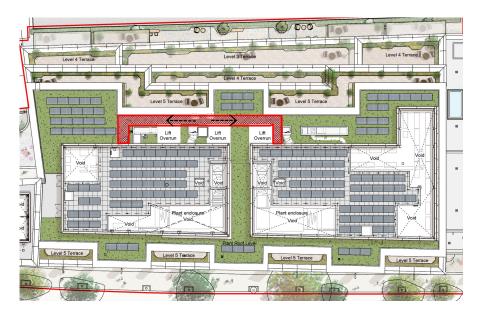


#### 5). Development of PVs and ramp gantry at roof level:

- A. Due to restraints on massing, roof access cannot be achieved via lift.
  - Introduction of a gantry and ramps (indicated in red below) are therefore required to assist with level and safe access for the movement of replacement parts.
- B. PV arrangement has been revised to accommodate MEP plant enclosure to suit free-area arrangements.
  - No change to on-site energy provision / Part-L requirements.







**Revised Roof plan** 

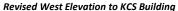




#### 6). Reduction in KCS Service Yard clear height:

- Development of high-level MEP services required within the service yard.
- Subsequently reduces the clear height from 4.5m to 4m clearance and concealed the required services within the ceiling.







Consented Townscape View: Newcombe Street with Service Yard beyond

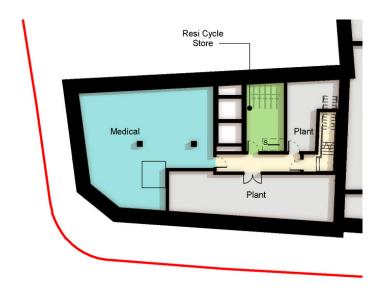
#### Reduction in KCS Service Yard clear height: Service Strategy

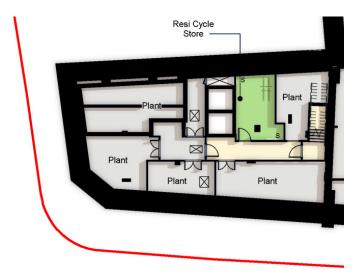
- The reduction in clear height results in a minor change to the waste collection strategy, with waste collection vehicles continuing to enter and exit the servicing yard in forward gear before being required to stop on Newcombe Street to operate the lifting mechanism when collecting eurobins.
- This new collection point will avoid any conflict between bins being lifted into the waste collection vehicle and the service yard ceiling.
- All other delivery vehicles will continue to use the service yard as per the consented scheme, stopping within the demarcated loading bays.



#### 1). Change of use at basement level

- Medical use has been omitted from basement level to accommodate life safety plant under new Building Safety Act.
- Revised medical GIA is complies with local policy in the provision of a minimum 650 sqm.





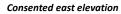
Consented B1 floor plan

Revised B1 floor plan

#### 2). Principle façade updates:

- A. Door relocated at ground floor level to medical unit to create symmetry and improve internal layout.
- B. Floor-to-floor heights to residential units have been increased to suit technical requirements and to ensure 2.5m clear internal heights are maintained.
- C. Change from granite to black brickwork for a residential vernacular that is appropriate to the local context.







Revised east elevation

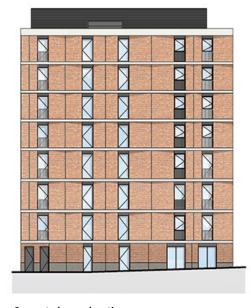
#### 2). South façade updates:

- A. Omission of glazing to bathroom owing to inward opening windows for cleaning / maintenance.
- B. Increase to grillage above windows for mechanical ventilation requirements.
- C. Precast banding increased to accommodate blue roof provision.

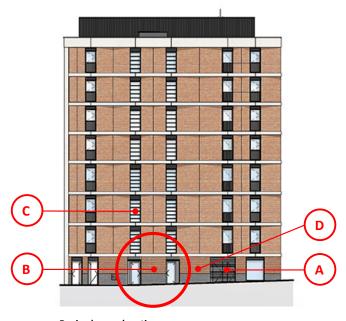


#### 2). Rear façade updates:

- A. Louvres introduced at ground level for necessary plant rooms for life-safety equipment.
- B. Canopies introduced to residential entrances with increased clear widths for improved accessibility.
- C. Glazing updated to fire-lobbies to accommodate AOV for smoke clearance to comply with regulatory requirements.
- D. Omission of faceted panelling at ground to improve security, as per SBD principles.







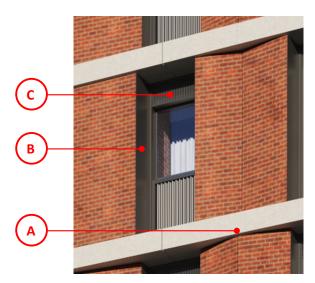
Revised rear elevation

#### 2). Façade design updates

- A. Precast banding increased relative to clear floor-to-floor increases.
- B. Aluminium reveals introduced as part of façade technical developments.
- C. Grillage increased as part of mechanical free-area requirements.



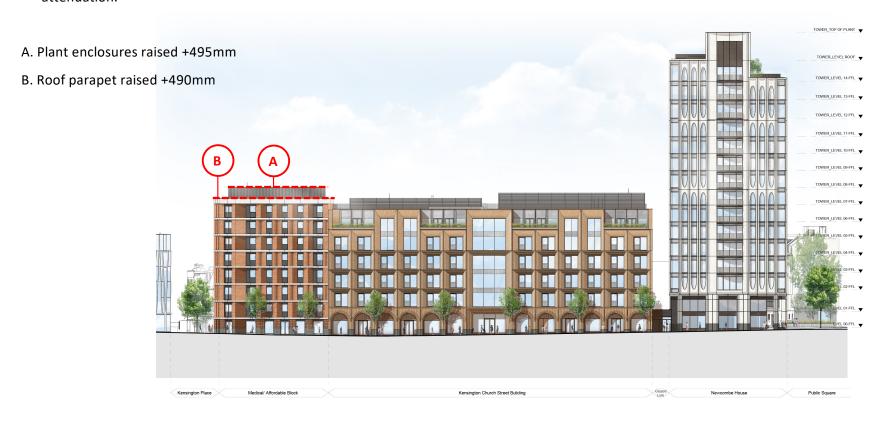
Consented CGI visual

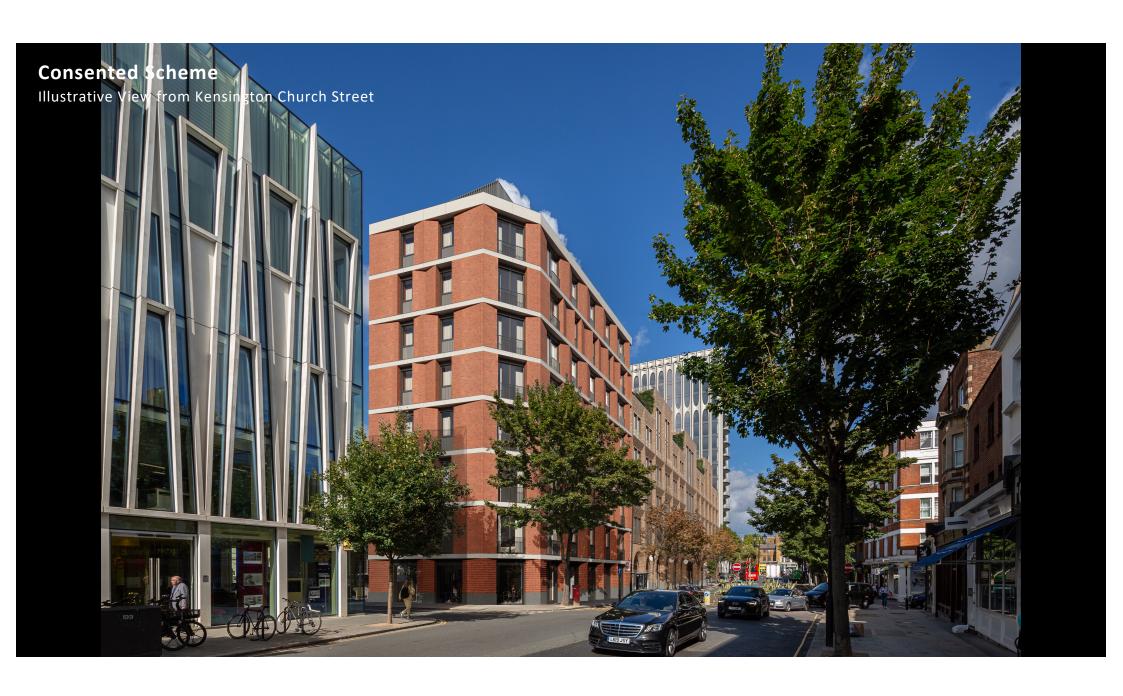


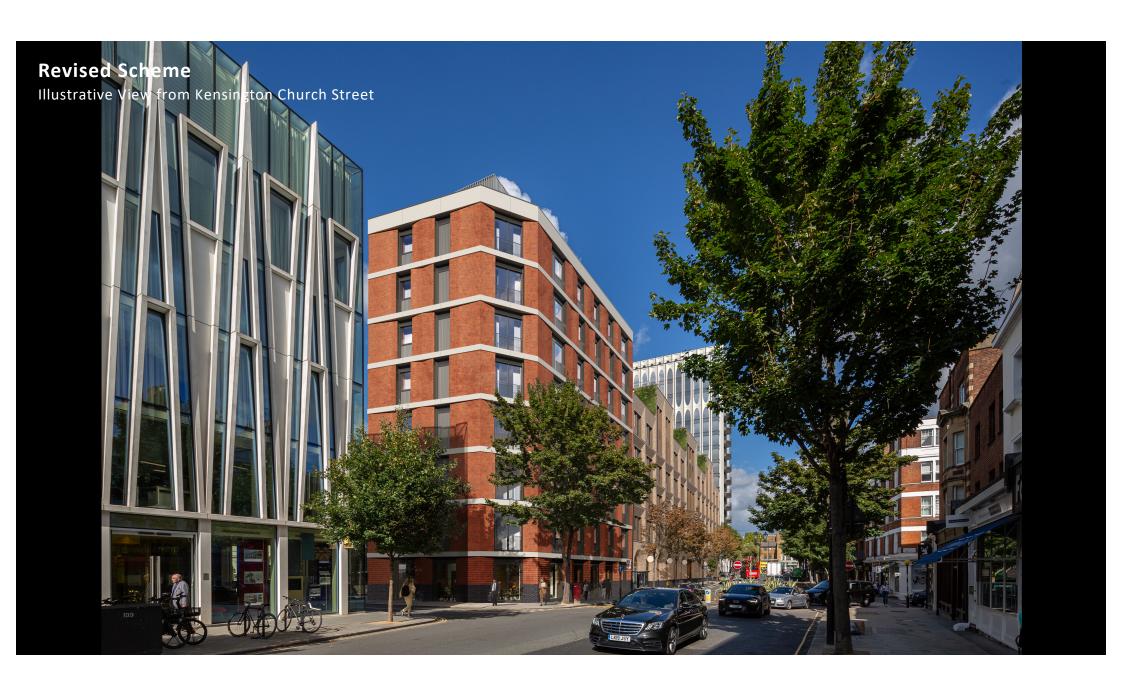
Revised CGI visual

#### 3). Increase to roof parapets and roof plant enclosure heights:

 Increase due to technical developments including provision for blue roof attenuation.







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Newcombe House

Minor Material Amendments Update Presentation