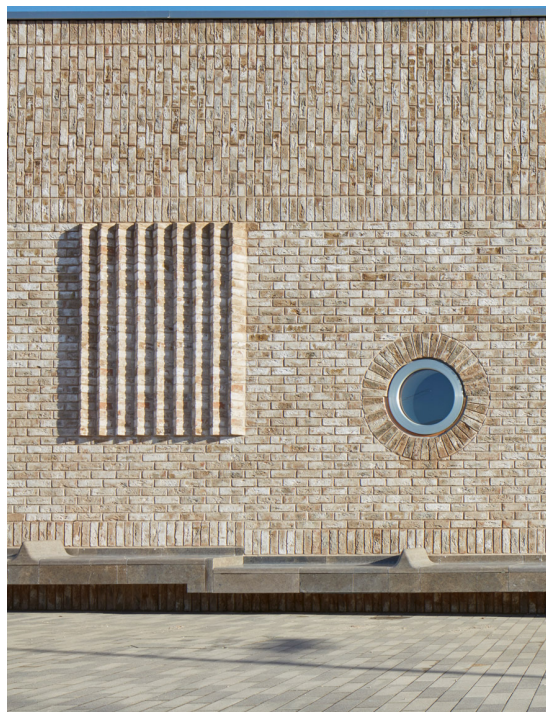


04.16 Material Expressing Function



04.17 Facade Reference Images

These reference images illustrate the different traditional and modern styles of brickwork and horizontal banding that can be expressed on a building. The new Construction and Engineering building will be expressing several of these details, please refer to the facade composition bay studies and proposed elevations.

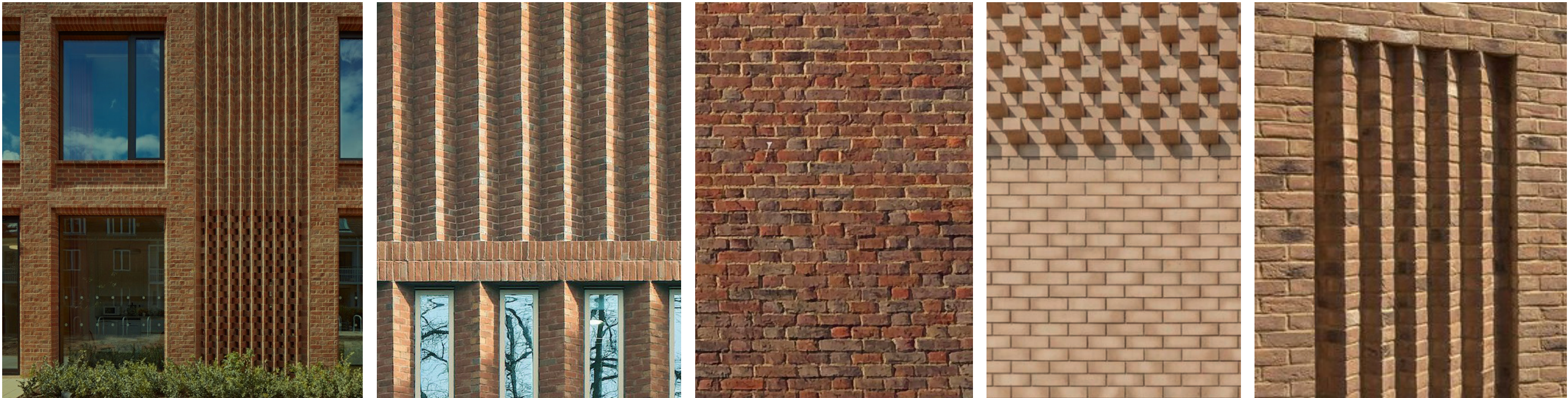


Image of red/brown brickwork on campus

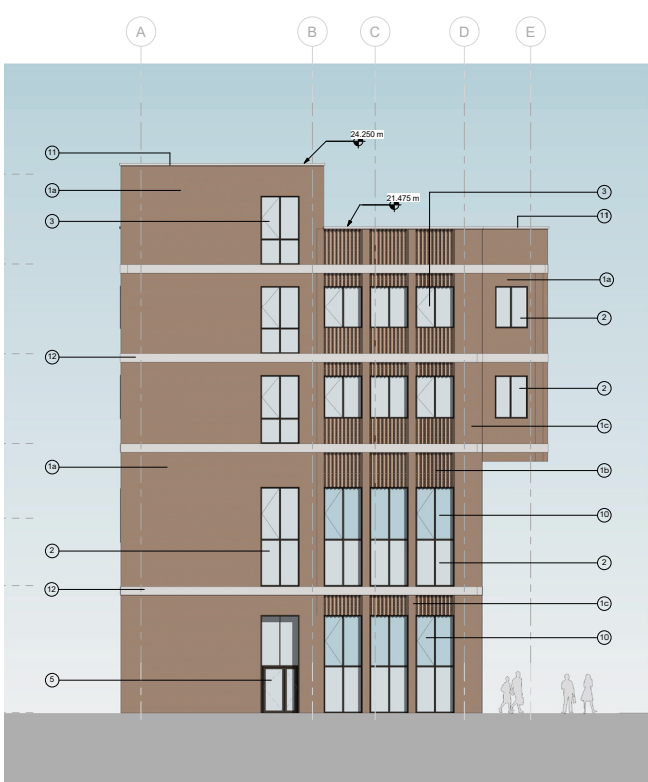


Reference images

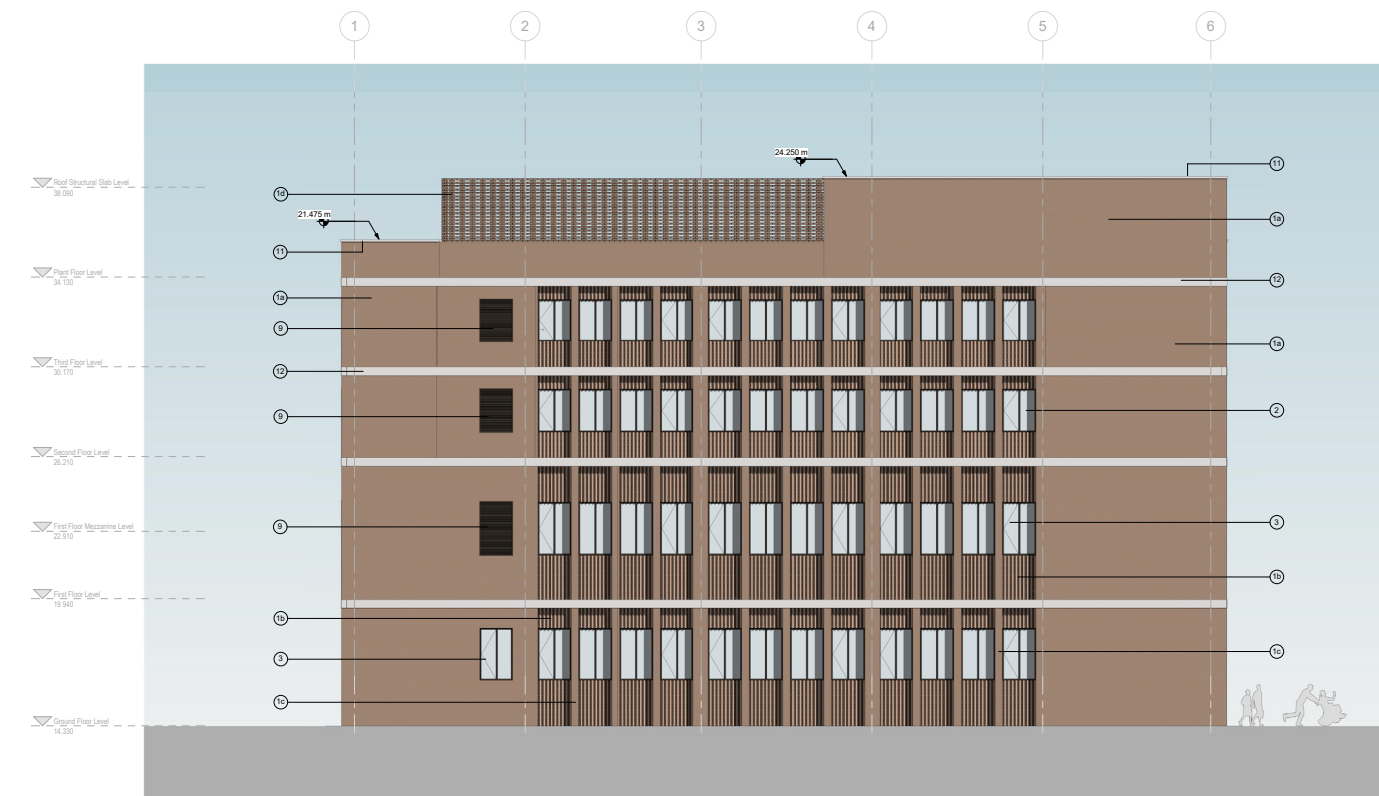
04.18 Proposed Elevations



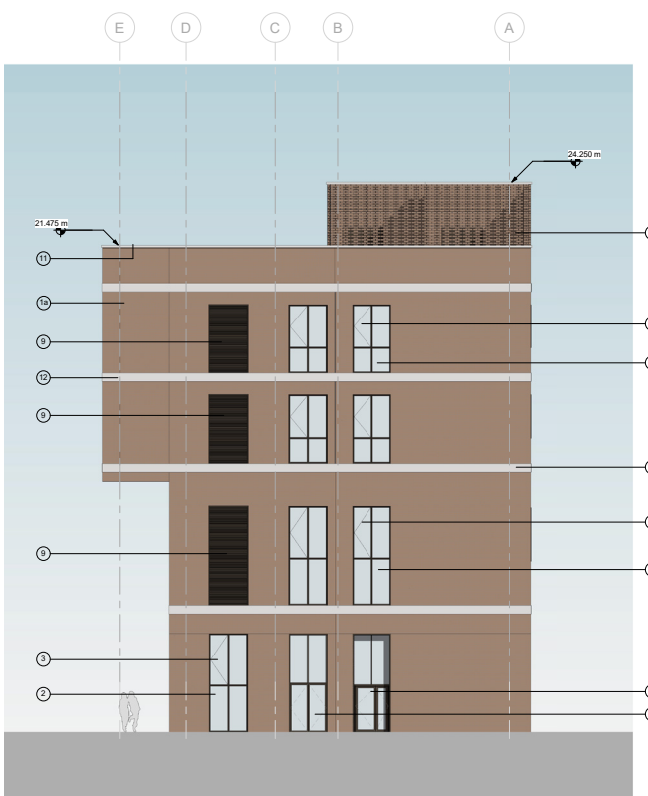
East Elevation



East Elevation



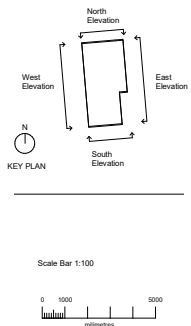
West Elevation



West Elevation

Elevation Material Key:

- 1a Clay facing brickwork
- 1b Clay facing brickwork in a Saw tooth system
- 1c Clay facing brick piers.
- 1d Clay facing hit and miss brickwork to external plant.
- 2 PPC Aluminium triple glazed curtain walling system with 270mm deep projecting PPC picture framing. Dark Bronze Colour. TBA.
- 3 PPC Aluminium triple glazed curtain walling system, with side hung inward opening casements. Dark Bronze Colour. TBA.
- 4 PPC Aluminium triple glazed single leaf door set, within glazed curtain walling system. Dark Bronze Colour to match frame and TBA.
- 5 PPC Aluminium triple glazed double leaf (unequal) door set, within glazed curtain walling system. Dark Bronze Colour to match frame and TBA.
- 6 PPC Aluminium triple glazed double leaf (equal) door set, within glazed curtain walling system. Dark Bronze Colour to match frame and TBA.
- 7 PPC Aluminium double leaf solid door set. Dark Bronze Colour. TBA.
- 8 PPC Aluminium double leaf louvred door set to plant room, within glazed curtain walling system. All glazing to comprise triple glazed spandrel panels, with an opaque ceramic backing to the inner glass leaf. Colour TBA.
- 9 PPC Aluminium louvred panel within curtain walling system. Dark Bronze Colour. TBA.
- 10 Triple glazed spandrel/ Fritted panels, with an opaque ceramic backing to the inner glass leaf. Colour TBA.
- 11 Wet-cast reconstituted stone cappings to all parapets.
- 12 Reconstituted cast stone banding around floor slab zone.

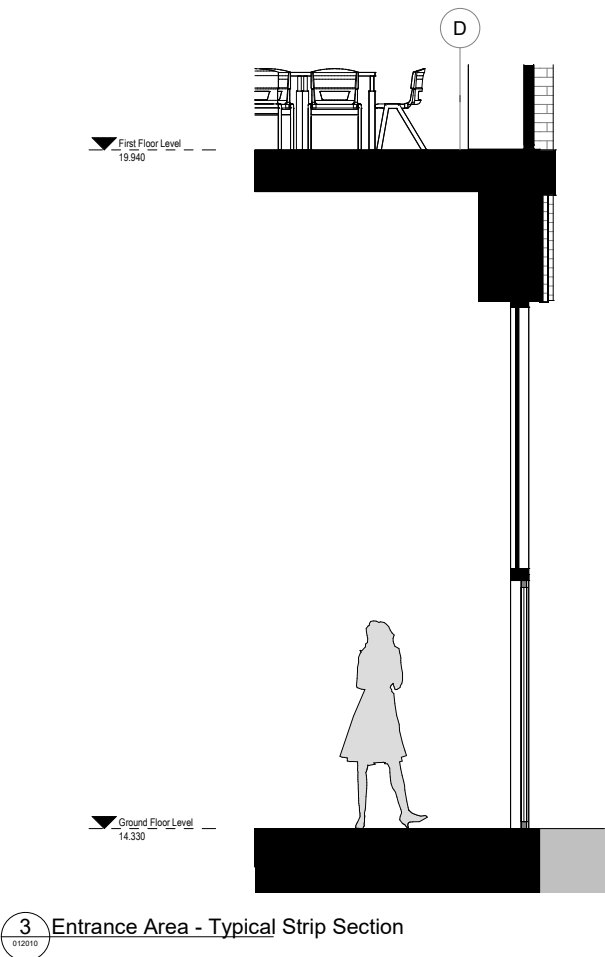


The elevations consist of a recessive colour and tone of brick (red/brick) which characterises the materiality of the older section of college campus. Please refer to pages 55-56.

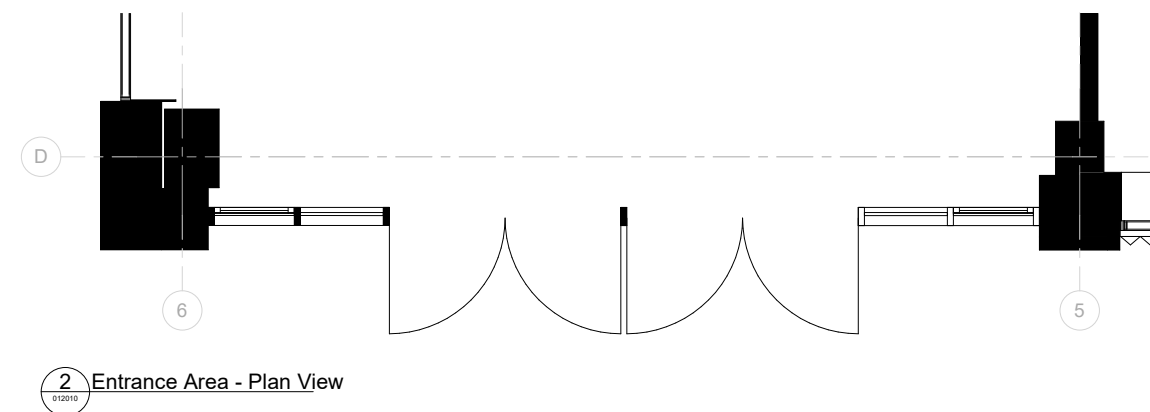
The detailing of the brickwork provides texture and visual interest whilst acknowledging the buildings is part of the background in contrast to the nearby listed buildings. This approach would make the building appear more recessive in longer views.

In addition, acknowledging and in reference to the detailing of the adjacent tower and nearby listed buildings contrasting stone banding is introduced at each floor level to this recessive brickwork building.

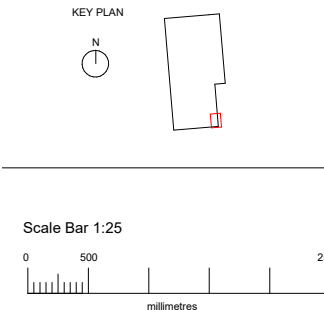
04.19 Facade Composition - Bay Study 01



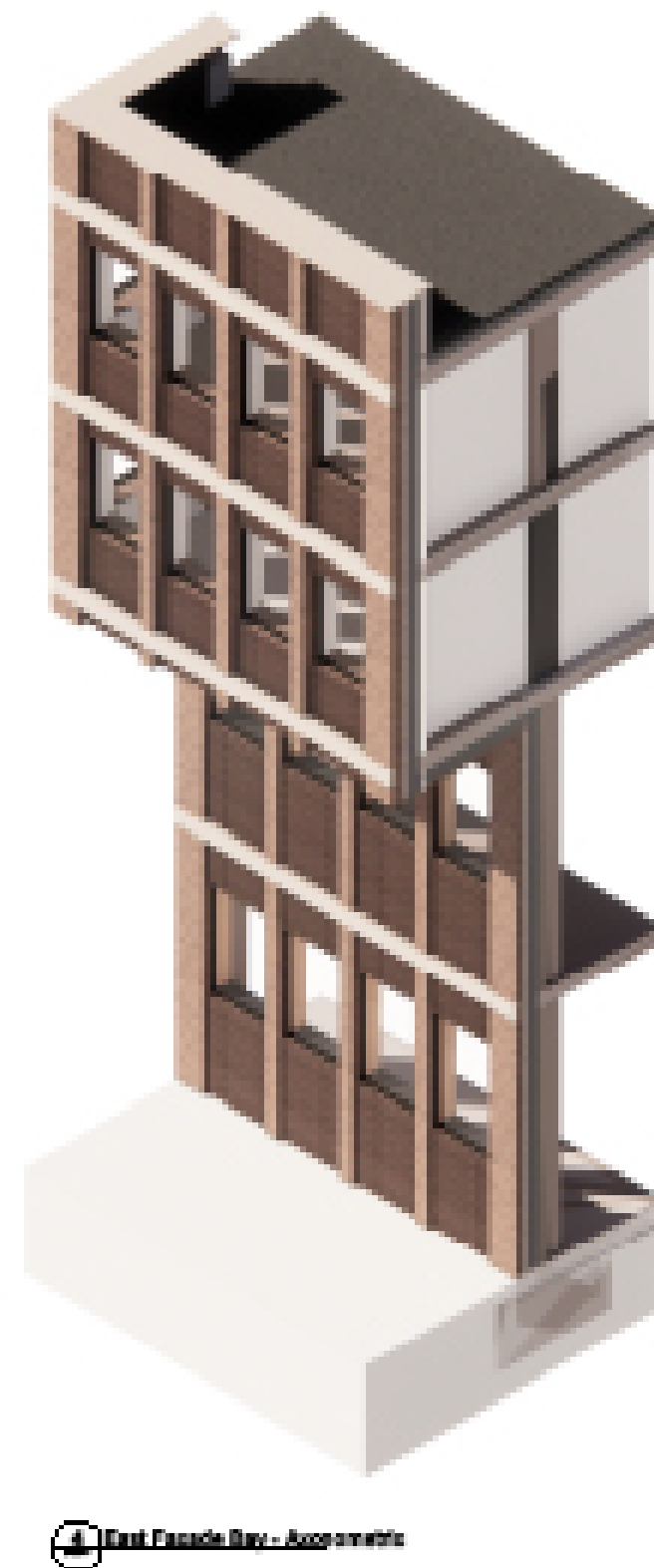
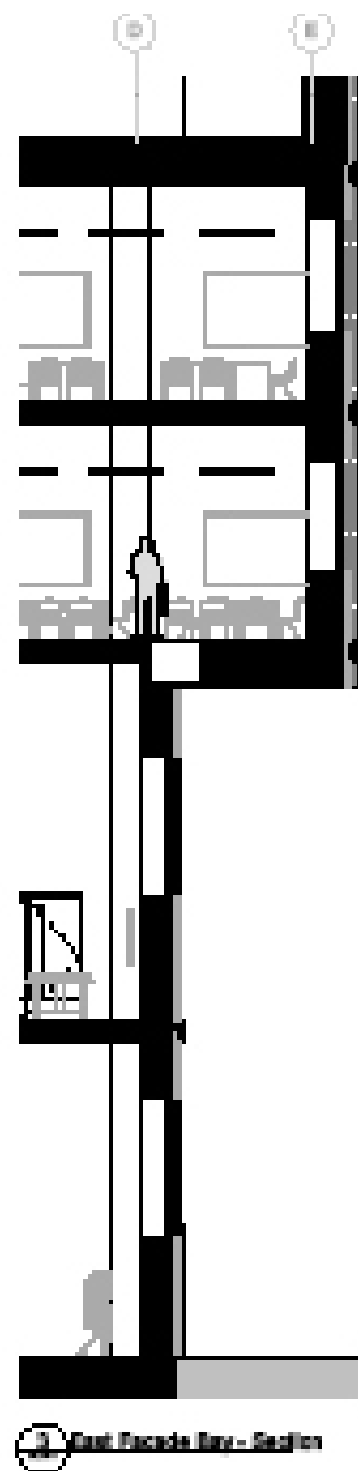
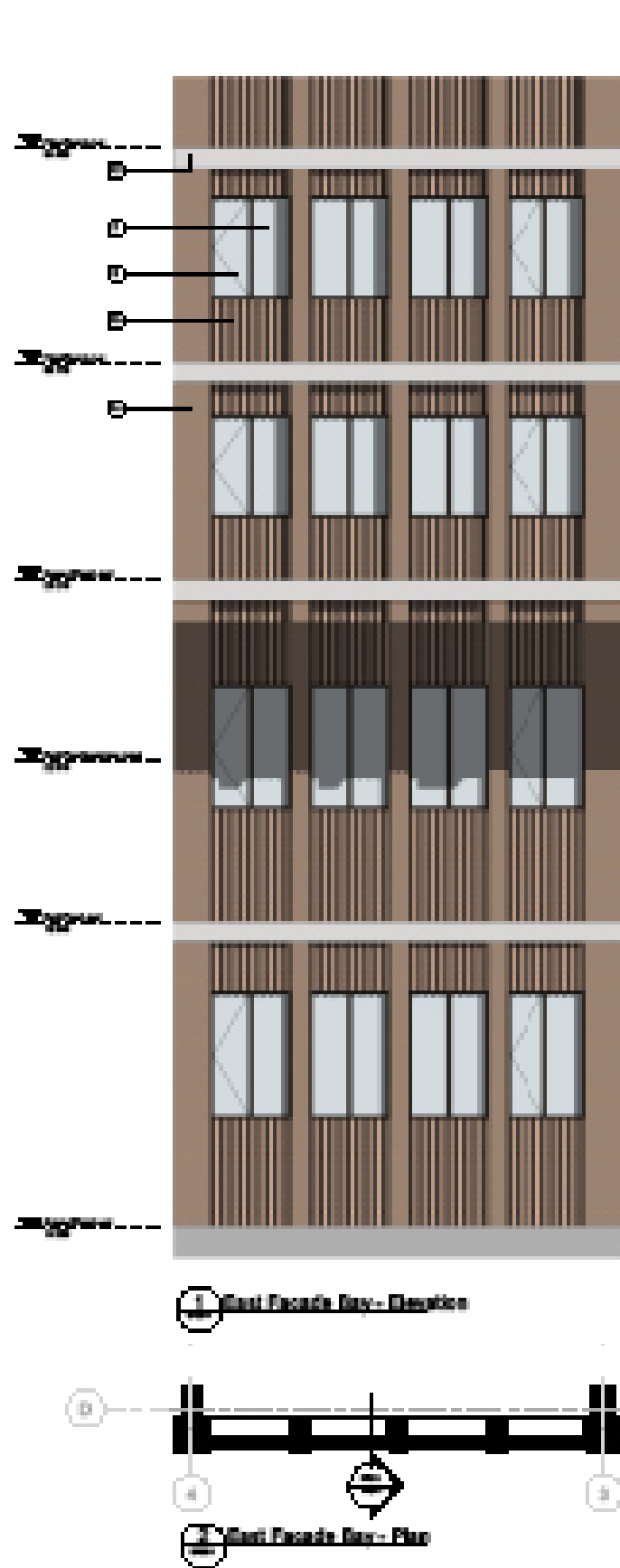
- Elevation Material Key:
- 1a Clay facing brickwork
 - 1b Clay facing brickwork in a Saw tooth system
 - 1c Clay facing brick piers.
 - 1d Clay facing hit and miss brickwork to external plant.
 - 2 PPC Aluminium triple glazed curtain walling system with 270mm deep projecting PPC picture framing. Dark Bronze Colour. TBA.
 - 3 PPC Aluminium triple glazed curtain walling system, with side hung inward opening casements. Dark Bronze Colour. TBA.
 - 4 PPC Aluminium triple glazed single leaf door set, within glazed curtain walling system. Dark Bronze Colour to match frame and TBA.
 - 5 PPC Aluminium triple glazed double leaf (unequal) door set, within glazed curtain walling system. Dark Bronze Colour to match frame and TBA.
 - 6 PPC Aluminium triple glazed double leaf (equal) door set, within glazed curtain walling system. Dark Bronze Colour to match frame and TBA.
 - 7 PPC Aluminium double leaf solid door set. Dark Bronze Colour. TBA.
 - 8 PPC Aluminium double leaf louvred door set to plant room, within glazed curtain walling system. All glazing to comprise triple glazed spandrel panels, with an opaque ceramic backing to the inner glass leaf. Dark Bronze Colour to match frame and TBA.
 - 9 PPC Aluminium louvred panel within curtain walling system. Dark Bronze Colour. TBA.
 - 10 Triple glazed spandrel/ Fritted panels, with an opaque ceramic backing to the inner glass leaf. Colour TBA.
 - 11 Wet-cast reconstituted stone cappings to all parapets.
 - 12 Reconstituted cast stone banding around floor slab zone.



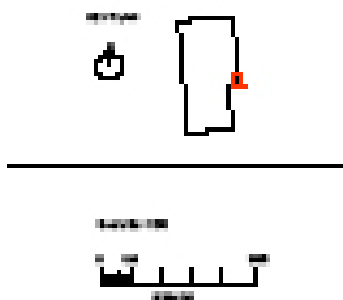
4 3D Perspective View



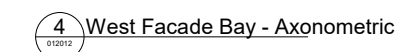
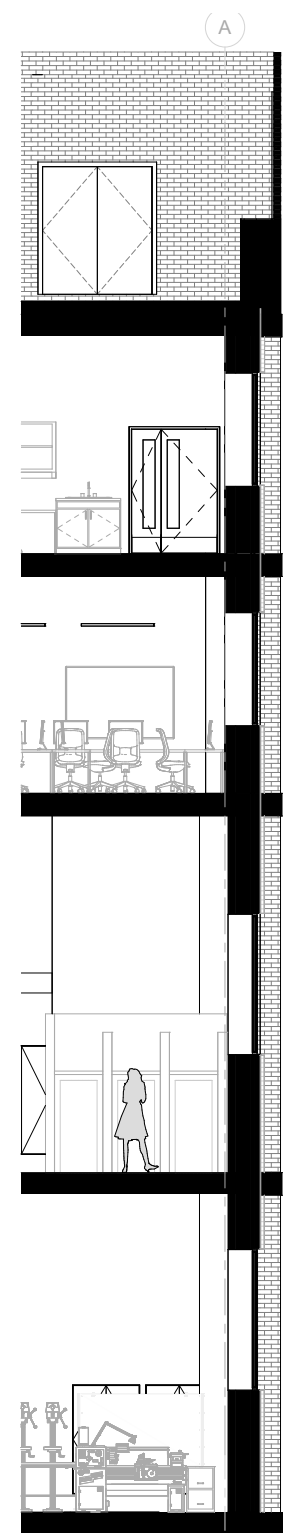
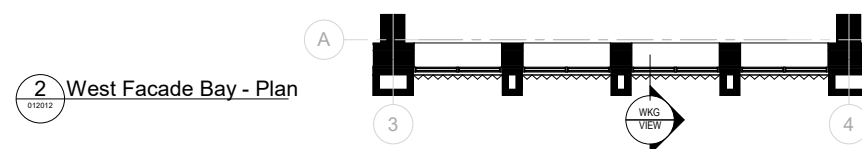
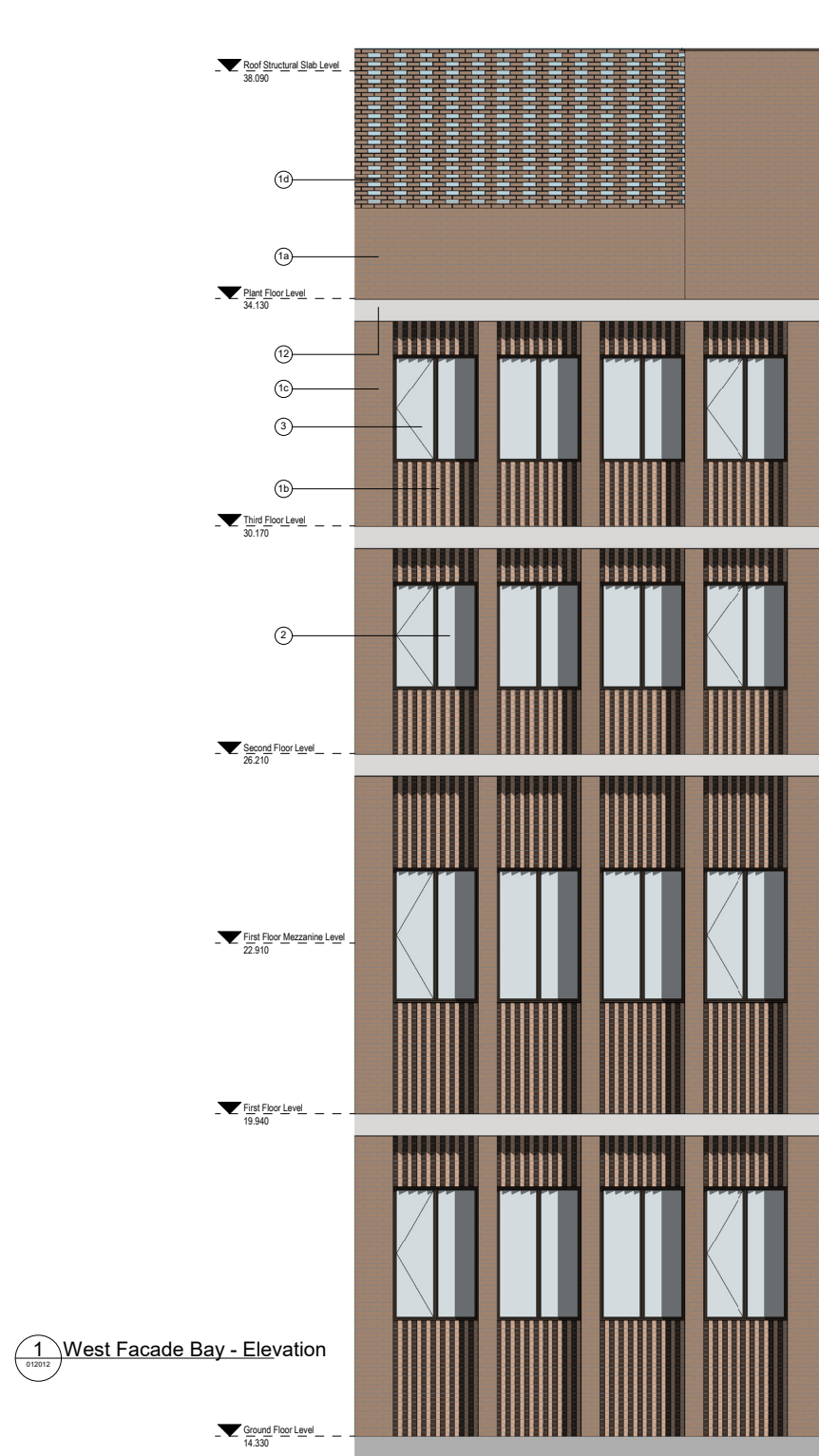
04.20 Facade Composition - Bay Study 02



Elevation Material Key:	
1a	Clay facing brickwork
1b	Clay facing brickwork in a Saw tooth system
1c	Clay facing brick piers.
1d	Clay facing hit and miss brickwork to external plant.
2	PPC Aluminium triple glazed curtain walling system with 270mm deep projecting PPC picture framing. Dark Bronze Colour. TBA.
3	PPC Aluminium triple glazed curtain walling system, with side hung inward opening casements. Dark Bronze Colour. TBA.
4	PPC Aluminium triple glazed single leaf door set, within glazed curtain walling system. Dark Bronze Colour to match frame and TBA.
5	PPC Aluminium triple glazed double leaf (unequal) door set, within glazed curtain walling system. Dark Bronze Colour to match frame and TBA.
6	PPC Aluminium triple glazed double leaf (equal) door set, within glazed curtain walling system. Dark Bronze Colour to match frame and TBA.
7	PPC Aluminium double leaf solid door set. Dark Bronze Colour. TBA.
8	PPC Aluminium double leaf louvred door set to plant room, within glazed curtain walling system. All glazing to comprise triple glazed spandrel panels, with an opaque ceramic backing to the inner glass leaf. Dark Bronze Colour to match frame and TBA.
9	PPC Aluminium louvred panel within curtain walling system. Dark Bronze Colour. TBA.
10	Triple glazed spandrel/ Fritted panels, with an opaque ceramic backing to the inner glass leaf. Colour TBA.
11	Wet-cast reconstituted stone cappings to all parapets.
12	Reconstituted cast stone banding around floor slab zone.



04.21 Facade Composition - Bay Study 03



- ## Elevation Material Key:
- 1a Clay facing brickwork
 - 1b Clay facing brickwork in a Saw tooth system
 - 1c Clay facing brick piers.
 - 1d Clay facing hit and miss brickwork to external plant.
 - 2 PPC Aluminium triple glazed curtain walling system with 270mm deep projecting PPC picture framing. Dark Bronze Colour. TBA.
 - 3 PPC Aluminium triple glazed curtain walling system, with side hung inward opening casements. Dark Bronze Colour. TBA.
 - 4 PPC Aluminium triple glazed single leaf door set, within glazed curtain walling system. Dark Bronze Colour to match frame and TBA.
 - 5 PPC Aluminium triple glazed double leaf (unequal) door set, within glazed curtain walling system. Dark Bronze Colour to match frame and TBA.
 - 6 PPC Aluminium triple glazed double leaf (equal) door set, within glazed curtain walling system. Dark Bronze Colour to match frame and TBA.
 - 7 PPC Aluminium double leaf solid door set. Dark Bronze Colour. TBA.
 - 8 PPC Aluminium double leaf louvered door set to plant room, within glazed curtain walling system. All glazing to comprise triple glazed spandrel panels, with an opaque ceramic backing to the inner glass leaf. Dark Bronze Colour to match frame and TBA.
 - 9 PPC Aluminium louvered panel within curtain walling system. Dark Bronze Colour. TBA.
 - 10 Triple glazed spandrel/ Fritted panels, with an opaque ceramic backing to the inner glass leaf. Colour TBA.
 - 11 Wet-cast reconstituted stone cappings to all parapets.
 - 12 Reconstituted cast stone banding around floor slab zone.

