16037 SOUTH SIDE PHASE 1



DESIGN UPDATES

12.JANUARY 2022

ColladoCollins Architects

SOUTH SIDE PHASE 1 DESIGN UPDATES

Job Number: 16037 Document Revision: P7 Date of Issue: 12/01/2022

Purpose of Issue: Outline of Planning changes post P4 planning submission

Key Personnel: Richard Bridges Reviewed by: Felix von Bechtolsheim

Review Date:12/01/2022

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1. DESIGN UPDATES

SOUTH SIDE PHASE 1 DESIGN UPDATES

1.1. INTRODUCTION

The purpose of this document is to summarise the proposed • Boosted cold water plant room increased from 39sqm to amendments to the consented scheme for Blocks 10 and 11 43sqm at South Side Phase 1, Welwyn Garden City. As the project has developed through stages 4-5, and Building Regulations • Lift / stair core rotated (both cores) have moved on since the extant consent, the design has also needed to adapt to conform with updated regulations and developed design changes.

Whilst no changes have been made to the aparment layouts, the building services have been devloped which have resulted in minor internal amendments summarised:

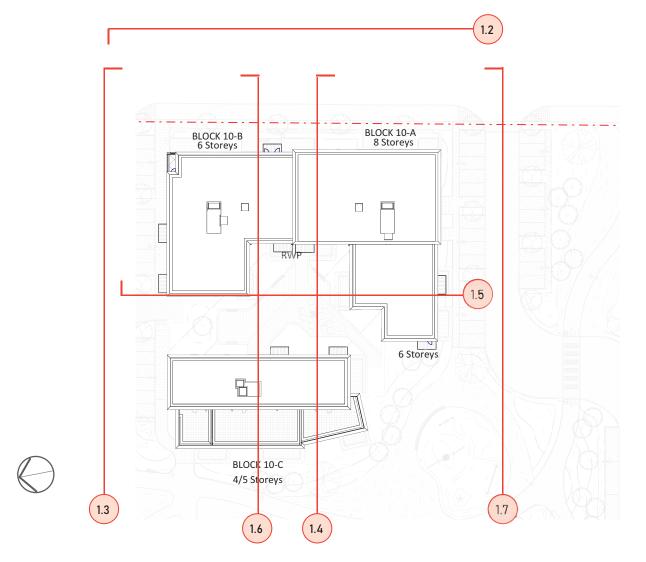
- Gas meter removed (covered by relocation justification)
- Foul Water Pump removed reallocated to storage including new entrance to car park
- Communal lounge reduced from 54 to 52sqm
- Buggy store increased from 27 to 31 sqm
- Staff room increased from 15 to 20 sqm
- Bin store and Plan Electric positions flipped and reorientated to align with changes to cores
- Revised detail design for Flues to Block 11
- Recessed maintenance handrails to facilitate safe access to roof top plant

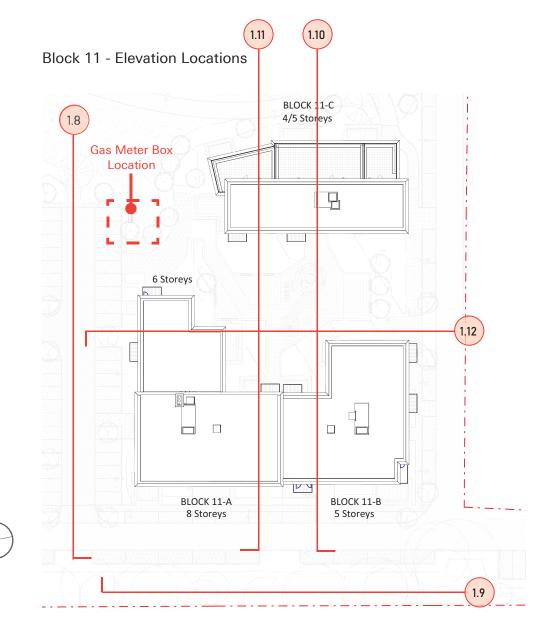
With these outlined interal updates, there have also been some developments to the external elevations that are highlighted in the document. The Block 11 consented elevations are shown in this document, however specific Block 10 elevations were not produced for the consented scheme and are therefore not available for direct comparison. These typical developments to the consented scheme are:

- The removal of the brick hit and miss wall to carparks which was an SBD requirement in order to prevent antisocial behaviour
- These have been replaced with patterned metal perforated panels to carpark

- Various window types and positions updated
- Balcony positions updated following the window positioning updates
- Rainwater Pipes added to external façades
- Podium Railing and layout update to conform to Bulding Regulations height.
- Lift overrun layouts updated
- Increase in parapet height by 100mm

Block 10 - Elevation Locations





1.2. BLOCK 10 EAST ELEVATION - CONSENTED





Materials Key:

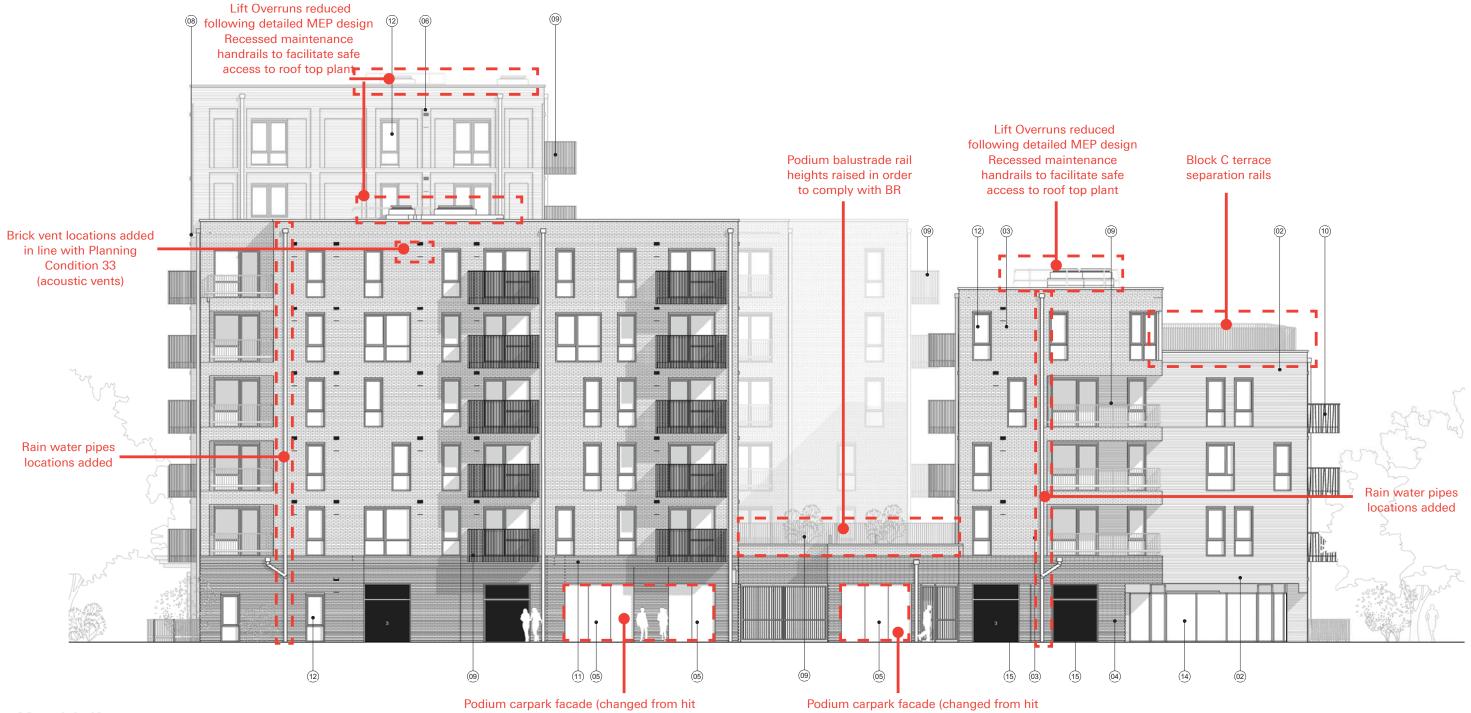
- •01 Buff Brick Smooth Texture
- •02 Buff Brick Rough Texture
- •03 Red Brick
- •04 Horizontal Projecting Brick Course Red Brick)
- •05 Patten Perforated Metal Cladding
- •06 Off White Brick
- •07 Recessed Brick Panel Smooth Texture Buff Brick
- •08 Reconstituted Stone Banding

- •09 Metal Railing Balustrade Dark Grey Type 1
- •10 Metal Railing Balustrade Grey Colour- Type 2 in line with Planning Condition 31
- •11 Concrete Canopy Cladded In Reconstituted Stone To Block Entrance
- •12 Aluminium Composite Window
- 13 Glazed Entrance Door
- •14 Fixed Glazing Panel In Aluminium Frame
- 15 Metal Louvres

1.4. BLOCK 10 NORTH ELEVATION - CONSENTED



1.5. BLOCK 10 NORTH ELEVATION



Materials Key:

- •01 Buff Brick Smooth Texture
- •02 Buff Brick Rough Texture
- •03 Red Brick
- •04 Horizontal Projecting Brick Course Red Brick)
- and miss brick to perforated metal panels)
- 05 Patten Perforated Metal Cladding
- •07 Recessed Brick Panel Smooth Texture Buff Brick
- •08 Reconstituted Stone Banding

•06 Off White Brick

- and miss brick to perforated metal panels)
- •09 Metal Railing Balustrade Dark Grey Type 1
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- 13 Glazed Entrance Door
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- 15 Metal Louvres

1.6. BLOCK 10 SOUTH ELEVATION - CONSENTED



1 P3(S) - South Elevation - Block 10 1:100 @A1

1.7. BLOCK 10 SOUTH ELEVATION



Materials Key:

- Buff Brick Smooth Texture
- 02 Buff Brick - Rough Texture
- 03 Red Brick
- Horizontal Projecting Brick Course Red Brick)
- Patten Perforated Metal Cladding • 05
- •06 Off White Brick
- •07 Recessed Brick Panel Smooth Texture Buff Brick
- •08 Reconstituted Stone Banding

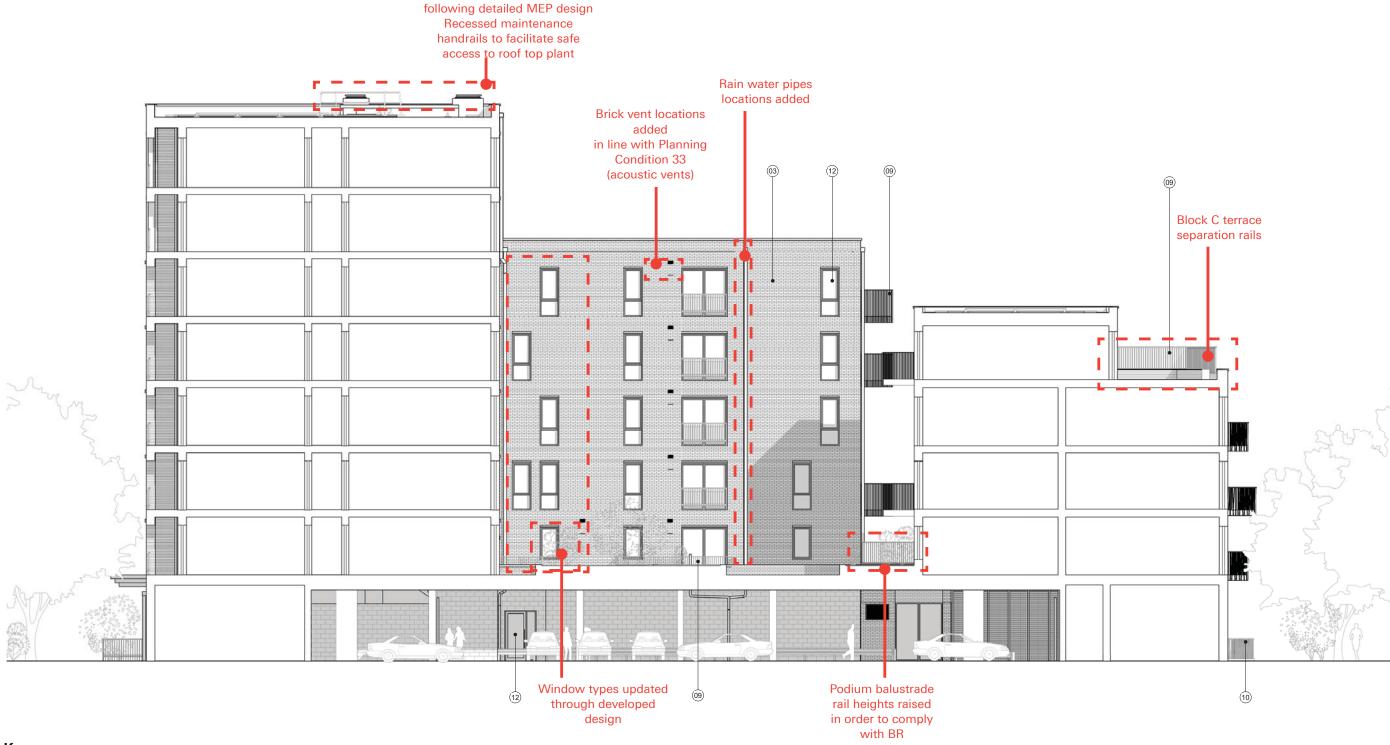
- •09 Metal Railing Balustrade Dark Grey Type 1
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1.8. BLOCK 10 NORTH SECTION - CONSENTED



1 P3(S) - North Section - Block 10

1.9. BLOCK 10 NORTH SECTION



Materials Key:

- •01 Buff Brick Smooth Texture
- •02 Buff Brick Rough Texture
- •03 Red Brick
- •04 Horizontal Projecting Brick Course Red Brick)
- •05 Patten Perforated Metal Cladding
- •06 Off White Brick
- •07 Recessed Brick Panel Smooth Texture Buff Brick

Lift Overruns reduced

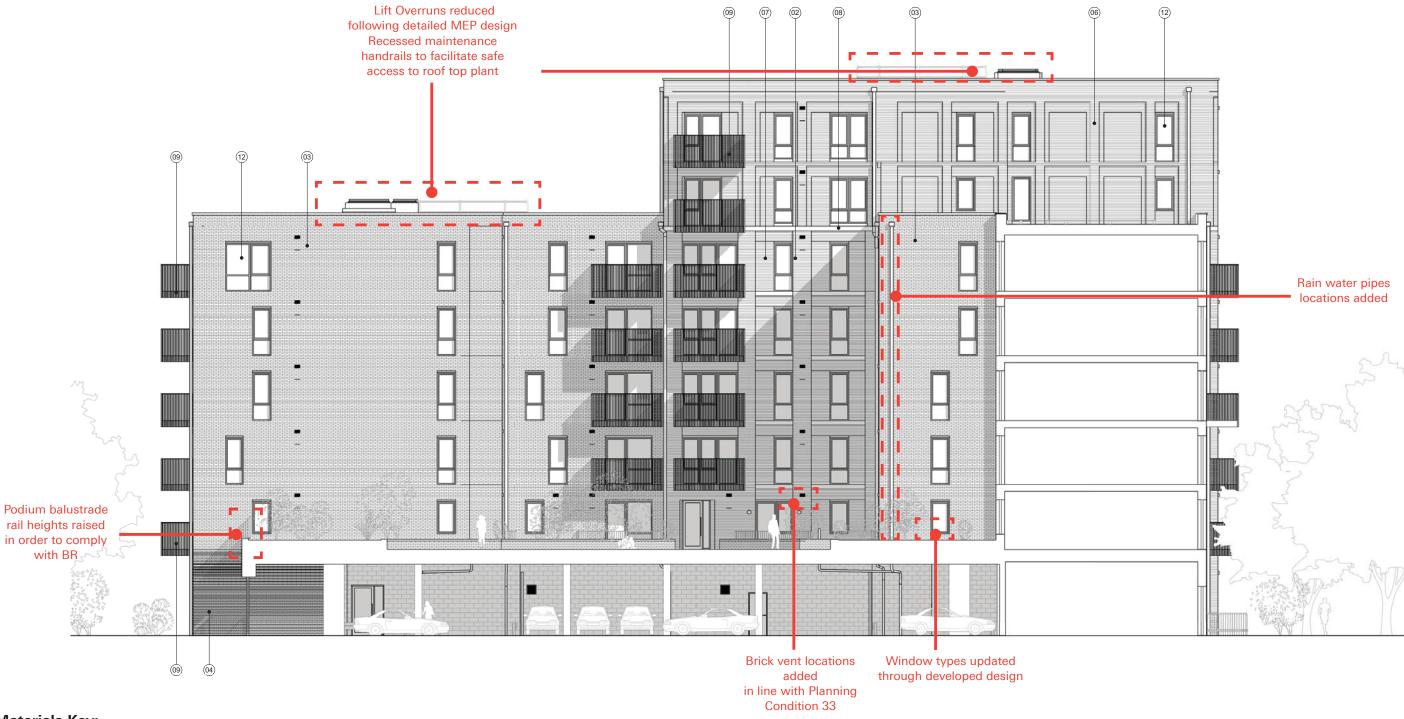
•08 Reconstituted Stone Banding

- •09 Metal Railing Balustrade Dark Grey Type 1
- •10 Metal Railing Balustrade Grey Colour- Type 2 in line with Planning Condition 31
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- 15 Metal Louvres

1.10. BLOCK 10 EAST SECTION - CONSENTED



1.11. BLOCK 10 EAST SECTION



Materials Key:

- •01 Buff Brick Smooth Texture
- •02 Buff Brick Rough Texture
- •03 Red Brick
- •04 Horizontal Projecting Brick Course Red Brick)
- •05 Patten Perforated Metal Cladding
- •06 Off White Brick
- •07 Recessed Brick Panel Smooth Texture Buff Brick
- •08 Reconstituted Stone Banding

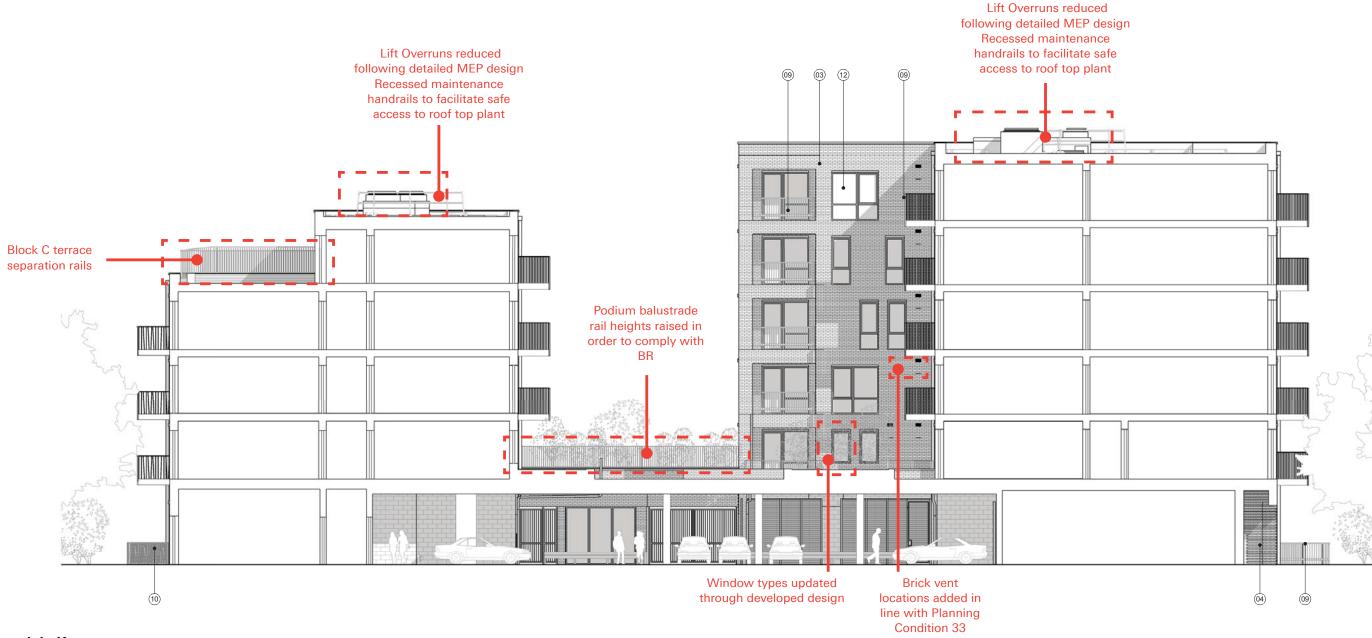
- •09 Metal Railing Balustrade Dark Grey Type 1
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- •15 Metal Louvres

1.12. BLOCK 10 SOUTH SECTION - CONSENTED



1 P3(S) - South Section - Block 10 1:100 @A1

1.13. BLOCK 10 SOUTH SECTION

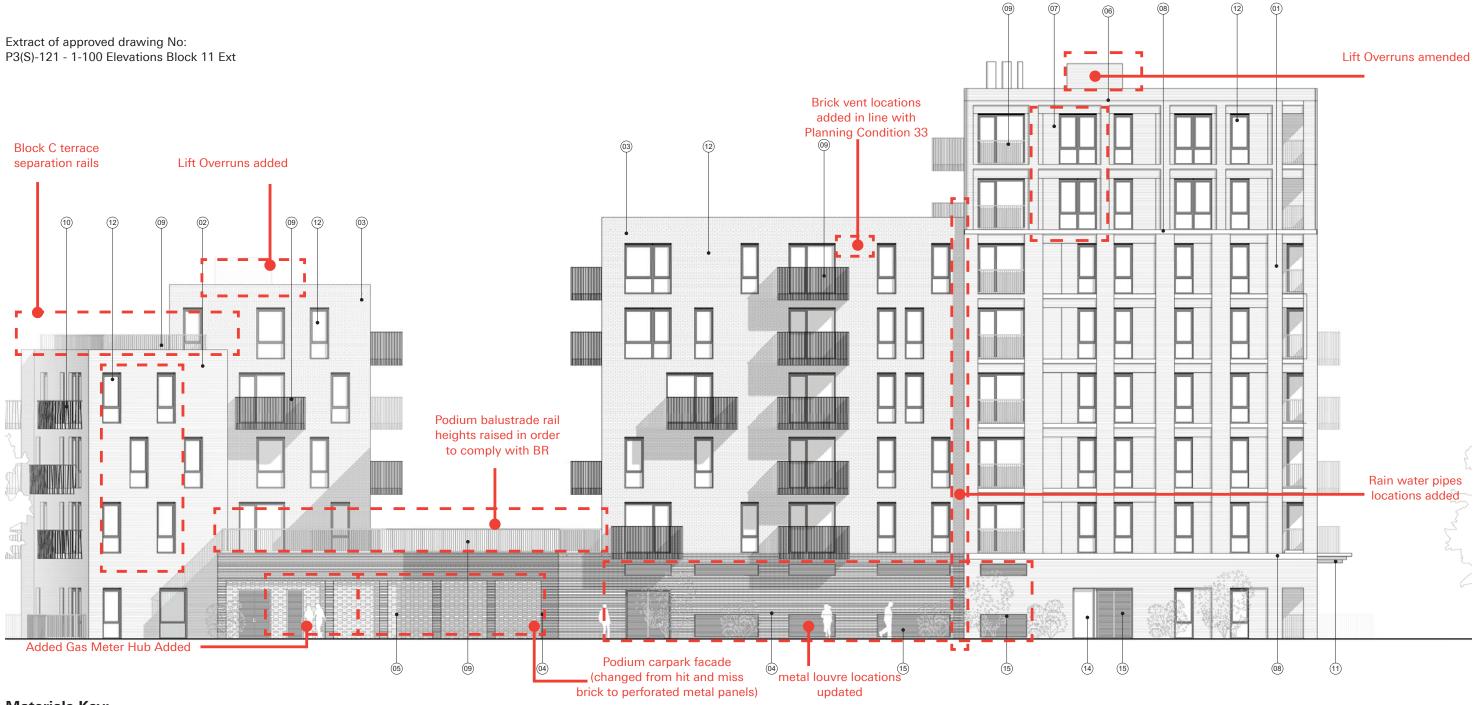


Materials Key:

- •01 Buff Brick Smooth Texture
- •02 Buff Brick Rough Texture
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- 15 Metal Louvres

1.14. BLOCK 11 NORTH ELEVATION - CONSENTED

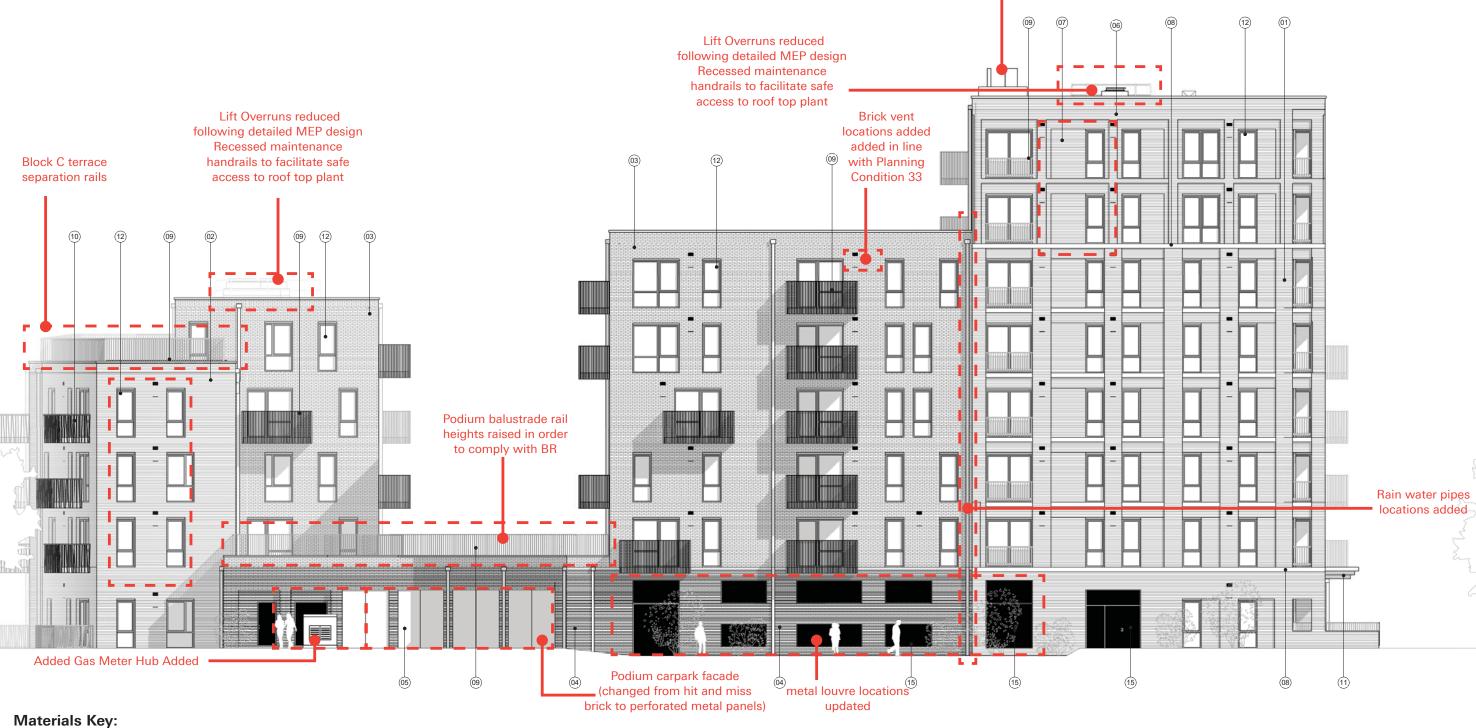


Materials Key:

- •01 Buff Brick Smooth Texture
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1.15. BLOCK 11 NORTH ELEVATION



- Buff Brick Smooth Texture
- 02 Buff Brick - Rough Texture
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- •05 Patten Perforated Metal Cladding
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- •08 Reconstituted Stone Banding

- •09 Metal Railing Balustrade Dark Grey Type 1
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Revised flues

- •11 Concrete Canopy Cladded In Reconstituted Stone To Block Entrance
- •12 Aluminium Composite Window
- Glazed Entrance Door
- •14 Fixed Glazing Panel In Aluminium Frame
- •15 Metal Louvres

1.16. BLOCK 11 WEST ELEVATION - CONSENTED



Materials Key:

- •01 Buff Brick Smooth Texture
- •02 Buff Brick Rough Texture
- •03 Red Brick
- •04 Horizontal Projecting Brick Course Red Brick)
- •05 Patten Perforated Metal Cladding
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1.17. BLOCK 11 WEST ELEVATION



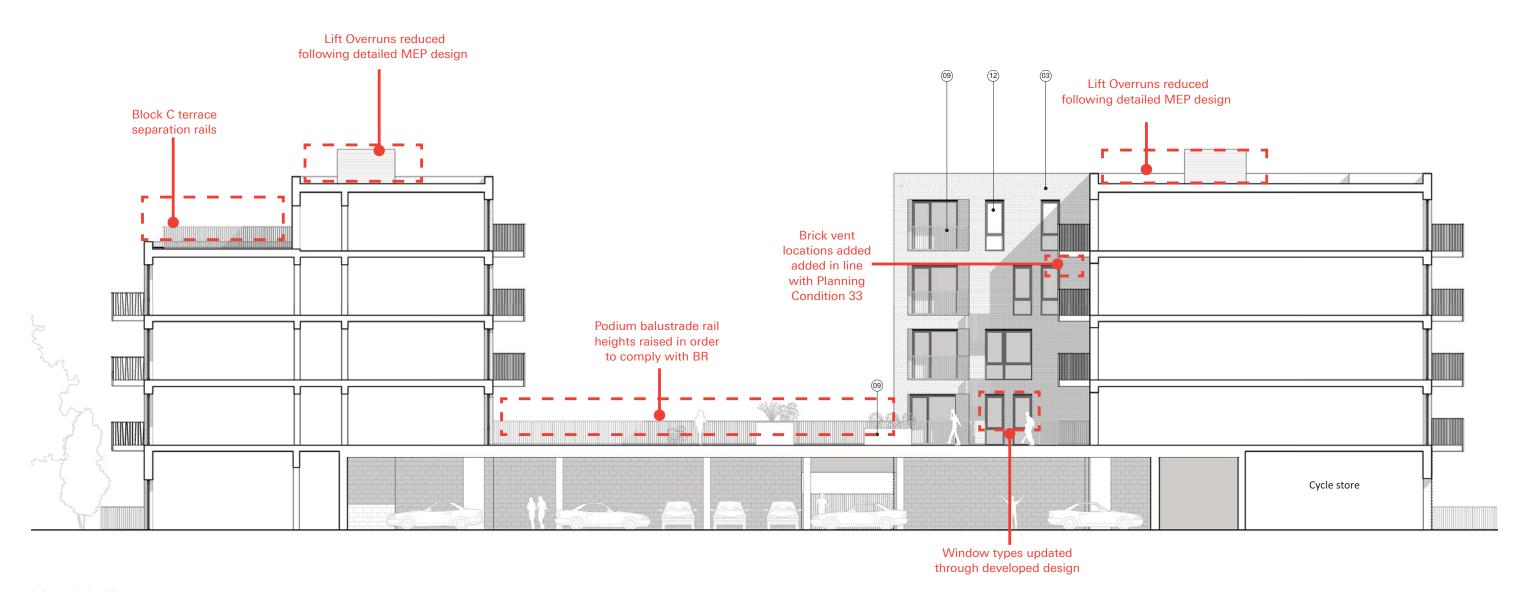
Materials Key:

- •01 Buff Brick Smooth Texture
- •02 Buff Brick Rough Texture
- •03 Red Brick
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- •05 Patten Perforated Metal Cladding
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- 15 Metal Louvres

1.18. BLOCK 11 NORTH SECTION - CONSENTED

Extract of approved drawing No: P3(S)-123 - 1-100 Elevations Block 11 Int

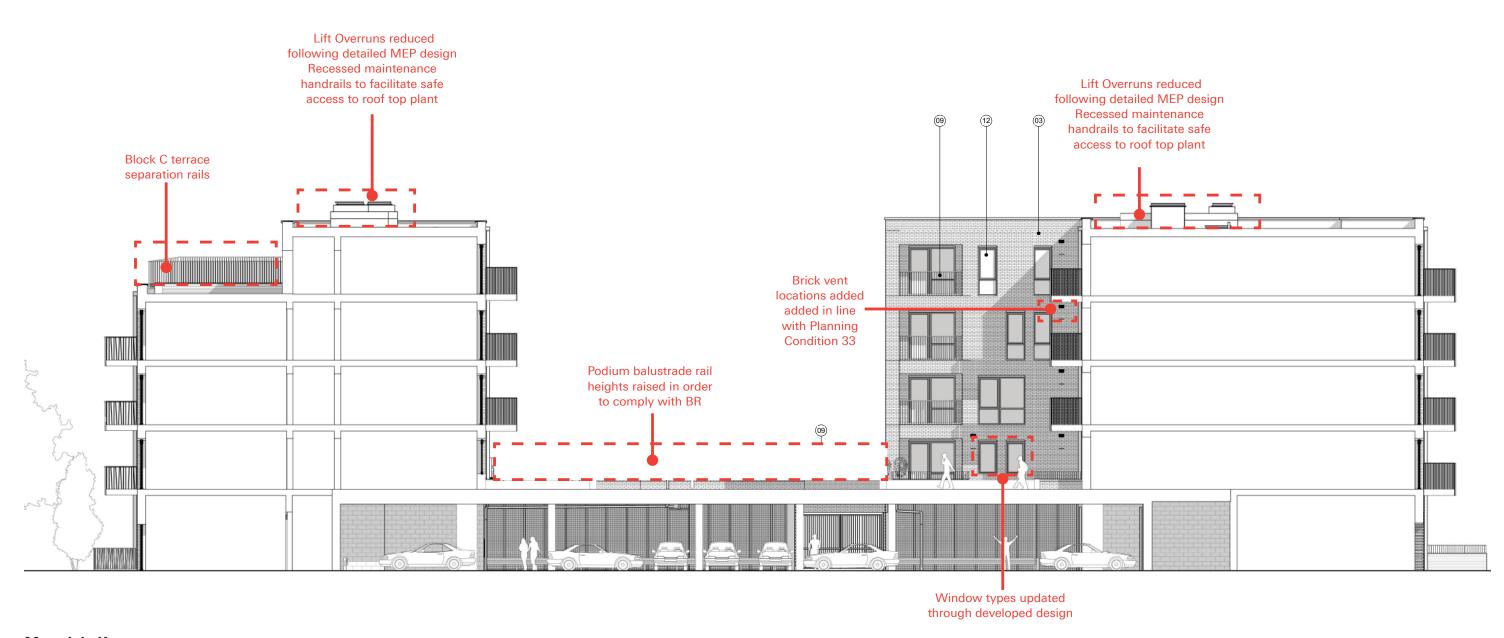


Materials Key:

- •01 Buff Brick Smooth Texture
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1.19. BLOCK 11 NORTH SECTION

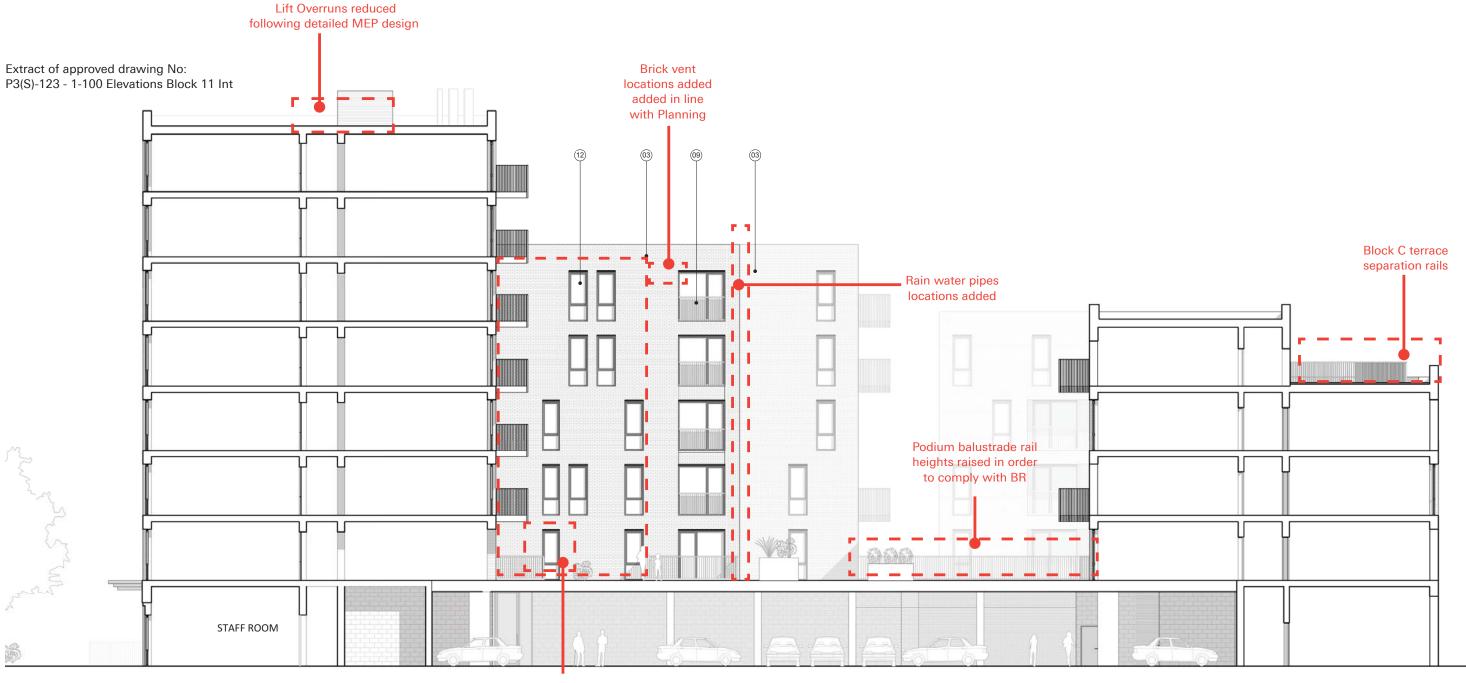


Materials Key:

- •01 Buff Brick Smooth Texture
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1.20. BLOCK 11 SOUTH SECTION - CONSENTED



Window types and locations updated through developed design

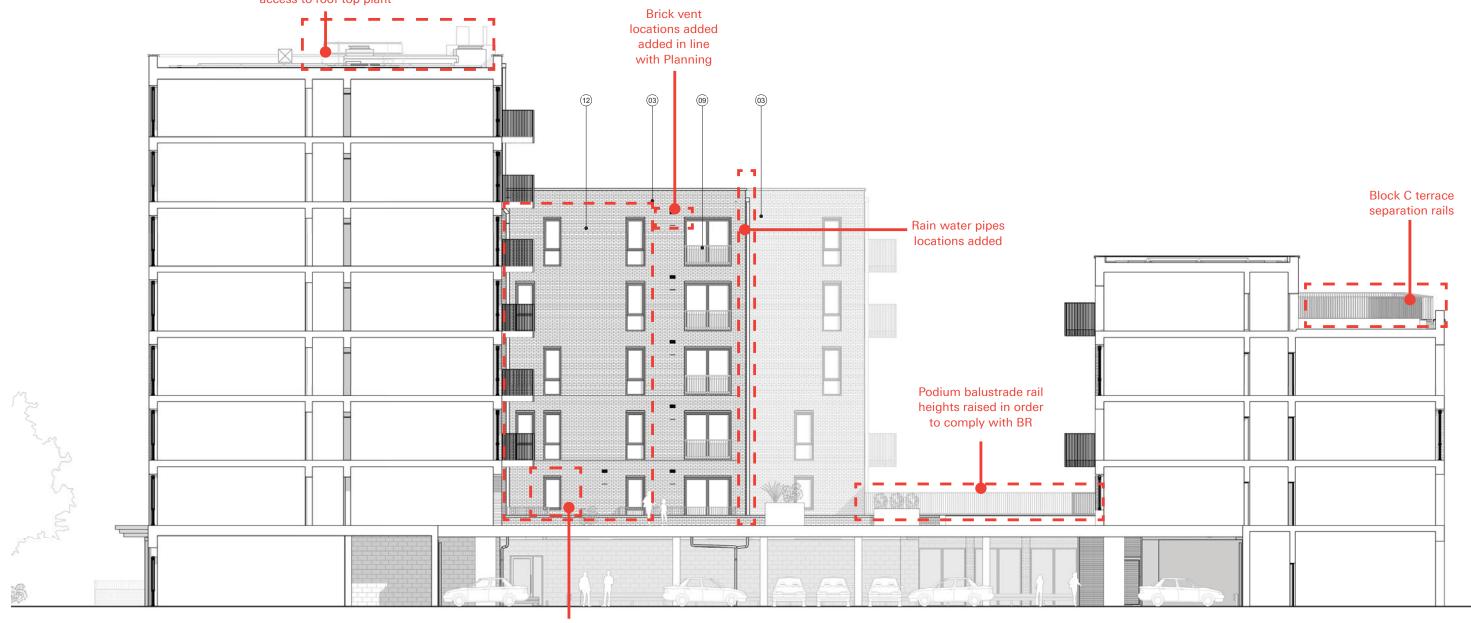
Materials Key:

- •01 Buff Brick Smooth Texture
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1.21. BLOCK 11 SOUTH SECTION

Lift Overruns reduced following detailed MEP design Recessed maintenance handrails to facilitate safe access to roof top plant



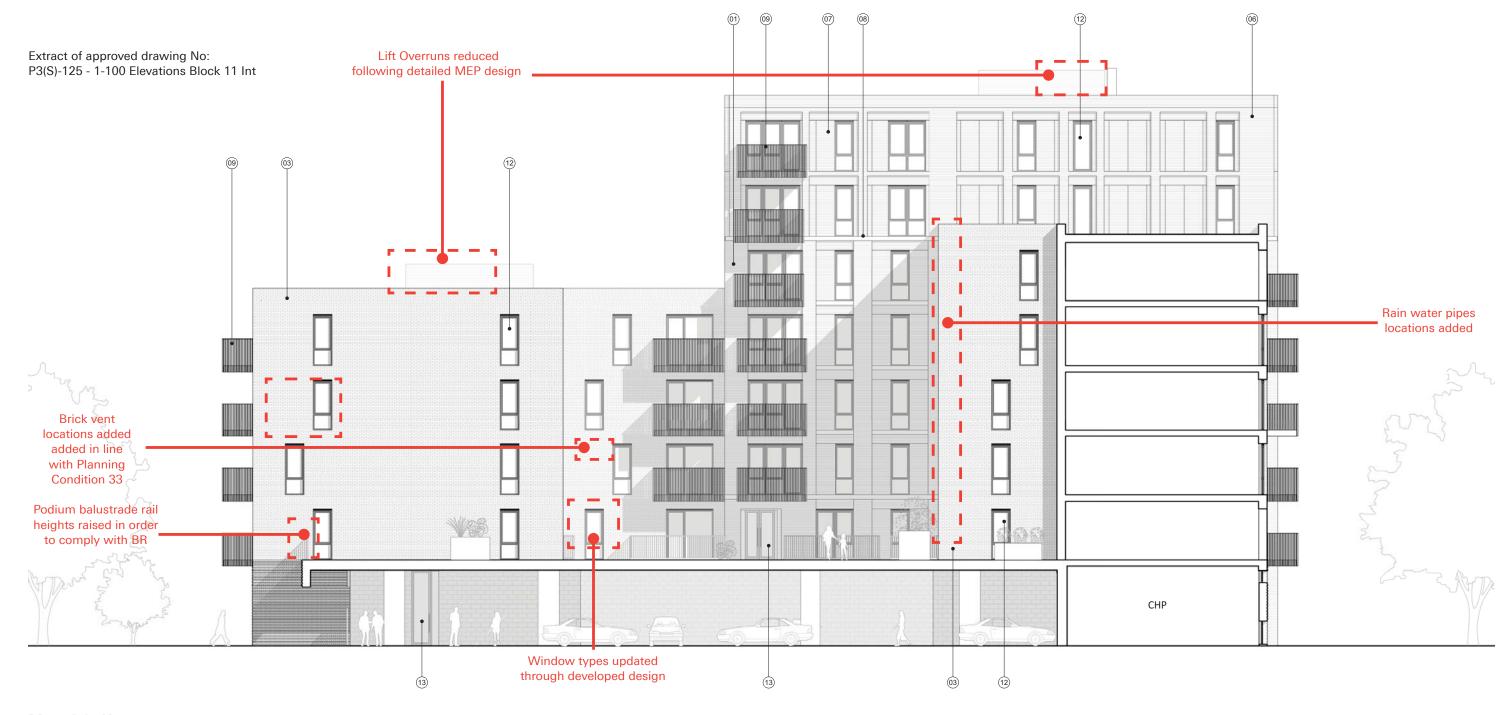
Window types and locations updated through developed design

Materials Key:

- •01 Buff Brick Smooth Texture
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1.22. BLOCK 11 EAST SECTION - CONSENTED

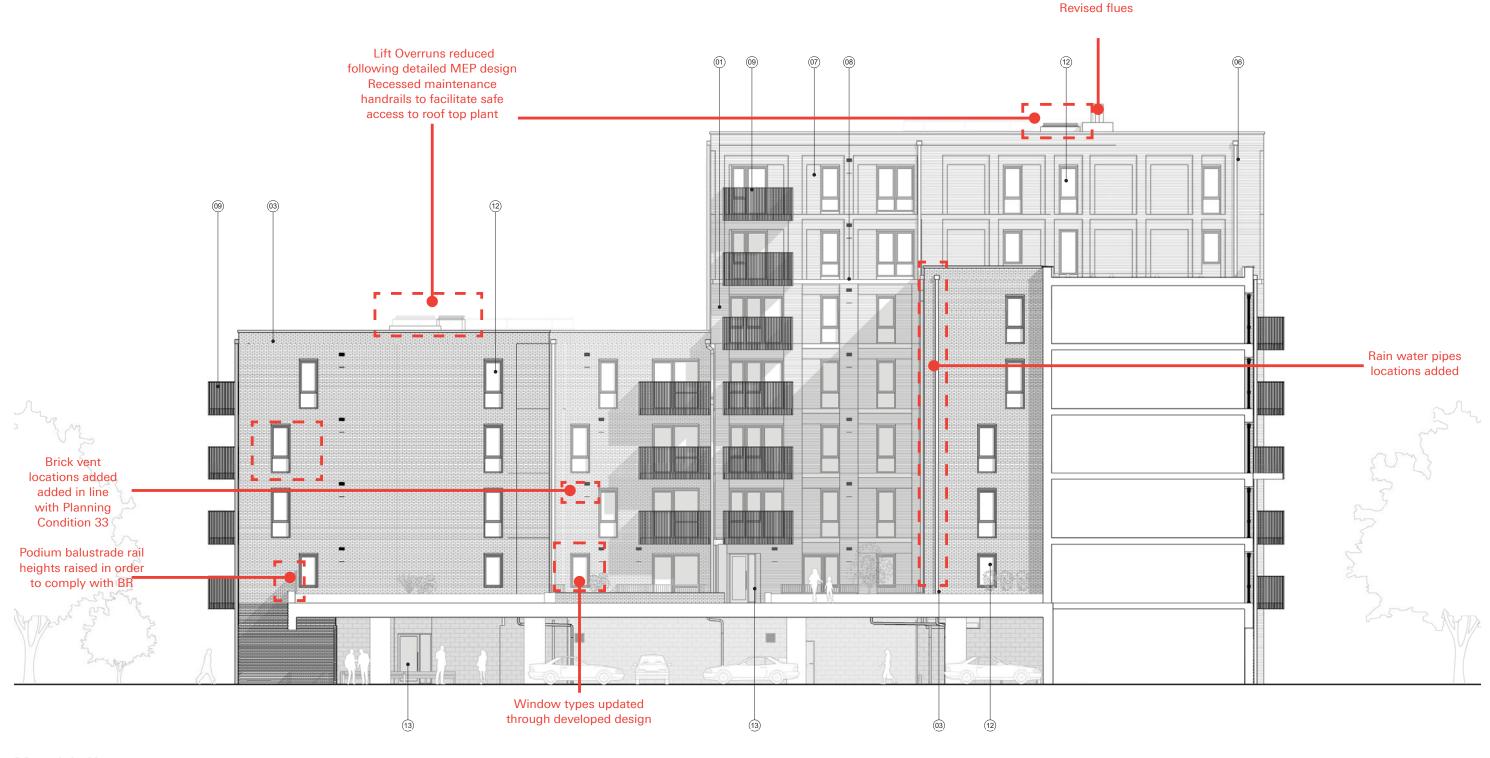


Materials Key:

- •01 Buff Brick Smooth Texture
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1.23. BLOCK 11 EAST SECTION



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- •08 Reconstituted Stone Banding

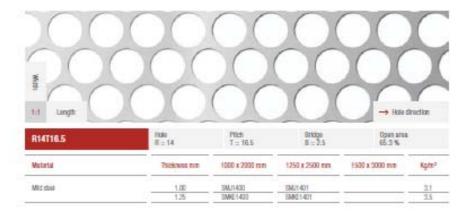
- •09 Metal Railing Balustrade Dark Grey Type 1
- •10 Metal Railing Balustrade Grey Colour- Type 2 in line with Planning Condition 31
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1.24. MATERIALS

SCHEDULE OF MATERIALS CONDITION 31: 19028_WGC_Schedule of Materials_Condition 31_ Rev A & One off letter_620201952COND

The additional material finish proposals highlighted in this document will be as follows:

- Podium balustrade are to be mild steel in RAL 7016 to match the windows.
- The schedule of materials otherwise approved under condition 31 (LPA ref: 6/2020/1952/COND) remains unchanged.
- The car-park ventilation grills as below:





Shredded Wheat Factory Phase 1, Broadwater Road, Welwyn Garden City. for Higgins Construction PLC on behalf of Metropolitan Thames Valley Housing.

19th February 2020 – Rev A

Schedule of Materials

Item	Reference	Manufacturing Origin	Photograph	Location:
Red Brick	Clay Facing Bricks - Cadeby Red Multi Grey Mortar	Nottingham, UK		
Buff Brick	Clay Facing Bricks – Wienerberger Smeed Dean Islington Yellow Rustica Imperial White or Light Buff Mortar	Kent, UK		
White Brick	Clay Facing Bricks – Ibstock White Engobe 5145 Mortar to match	Spain		
Stonework	Wet Cast Portland Stone Smooth Finish	Vobster, UK		

1.25. MATERIALS

Shredded Wheat Factory Phase 1, Broadwater Road, Welwyn Garden City.

SCHEDULE OF MATERIALS CONDITION 31:

Item	Reference	Manufacturing Origin	Photograph	Location:
Window System	Ideal Combi Futura + i with Renson Invisivent evo AK Ultra acoustic trickle vent to head. Composite Inward Opening Windows	Denmark		
	Dark-grey Externally – RAL 7016 White Internally – RAL9010		Tutura - A	
Curtain Walling System	Reynaers Aluminium Curtain Walling System CW 50 Standard. Dark-grey – RAL 7016	Belgium		
Air Bricks Note: See below for PPC finishes	Proprietary Metal A1 fire rated air bricks (e.g. Rytons) as per M+E requirements. Inc insect mesh. To match window Frames. Colour to match the brickwork	Kettering, UK		

1.26. MATERIALS

SCHEDULE OF MATERIALS CONDITION 31:

Shredded Wheat Factory Phase 1, Broadwater Road, Welwyn Garden City.

Item	Reference	Manufacturing Origin	Photograph	Location:
Car-park Entrance Gates	Polyester Powder Coated Steel Automated Car- park gates. Dark-grey – RAL 7016	UK	CSG 10605	
Louvres Note: See below for PPC finishes	Polyester Powder Coated Aluminium and/or Steel Louvre Doorsets and Panels Dark-grey – RAL 7016	UK		
Substation Louvres Note: See below for PPC finishes	Sunray Doors or equivalent. Sub station Louvre Panels and Doors. Dark-grey – RAL 7016	Kent, UK		
Trims, and Parapet Copings Note: See below for PPC finishes	Polyester Powder Coated Aluminium. Dark-grey – RAL 7016	UK		3020 375.5 385.5 H

1.27. MATERIALS

SCHEDULE OF MATERIALS CONDITION 31:

Shredded Wheat Factory Phase 1, Broadwater Road, Welwyn Garden City.

Item	Reference	Manufacturing Origin	Photograph	Location:
Rainwater Goods	All roof rainwater outlets and pipes to be Aluminium PPC. Dark-grey – RAL 7016	UK		33375
Deck Paving (to non-combustible Structural Steel Frame and RC Frame Balconies)	450x450x50mm Marshalls Saxon Buff Paviours on Harmer modulock adjustable pedestals on 5mm resilient pads	UK		

1.28. MATERIALS

SCHEDULE OF MATERIALS CONDITION 31:

Shredded Wheat Factory Phase 1, Broadwater Road, Welwyn Garden City.

Item	Reference	Manufacturing Origin	Photograph	Location:
Metal Railing Balustrades & Handrails (to non-combustible Structural Steel Frame and RC Frame Balconies) Note: See below for PPC finishes	PPC metal railings and handrails Dark-grey – RAL 7016	UK	mage 15	

(to non-combustible	PPC aluminium soffit and fascia panels Dark-grey – RAL 7016	UK	
Note: See below for PPC finishes	Adjacent precedent images relate to the soffit detail NOT the balustrade material.		

1.29. MATERIALS

SCHEDULE OF MATERIALS CONDITION 31:

Shredded Wheat Factory Phase 1, Broadwater Road, Welwyn Garden City.

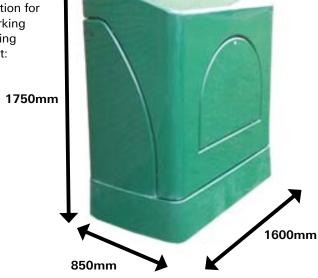
Item	Reference	Manufacturing Origin	Photograph	Location:
Dry Riser Inlet	Stainless Steel or Red PPC dependant on LFB confirmation and acceptance. Dry riser box is to be red (not stainless steel)	UK	© Dry Riser & Inlet	

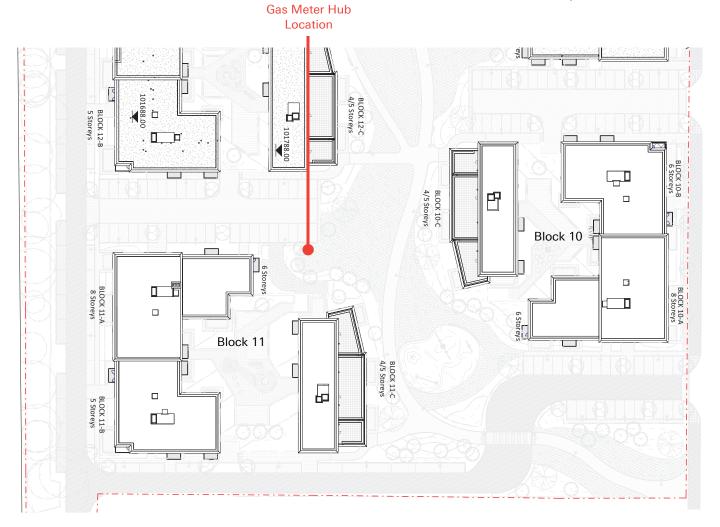
Revisions

Revision	Status	Date	Notes	by	chk
A	Issue for Planning	19/02/2020	Issue for Planning Condition 31	СВ	MR

1.30. BLOCK 11 GAS METER HUB

External Site Developments: The amendment of to the gas meter hub location Following developed design an external gas hub has been proposed located next to Block 11. The Gas meter hub is to be positioned at an accessible location for regular maintenance access, opposite the substation, behind the car parking bays amongst the landscape design. This is to be a standard British Racing Green in colour and a typical photographic example provided to the right:





64 · 16037_WGC_SOUTH SIDE

ColladoCollins Architects