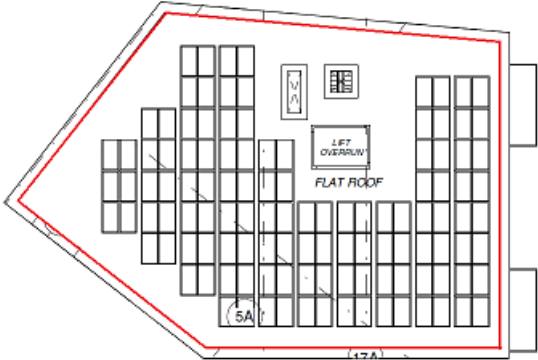
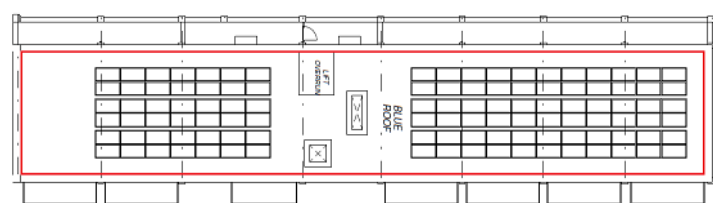


Project Name:	Ashley Road Depot			Ashley Road Depot replaces an operational refuse depot with 272 new homes for council rent and market sale in a mixture of apartments and maisonettes. These will be spread across three courtyard buildings alongside two new pedestrian-priority routes and significant public realm and shared amenity space. 92 of the new homes will be larger, social-rented family homes of three and four bedrooms. The overall masterplan for the site and landscape-led development strategy enable the retention of substantial existing trees and create crucial new linkages from the existing neighbourhood to Down Lane Park. U-Value: varies – refer to specification below Total Area: 12181.50m2 (Including balconies and Podiums) Rev2: Updated blue roof areas and warm roof option added to non blue roof areas. T: Threshold measurement P: Parapet measurement i: Items in italics are by others	
Project Address:	Ashley Road Tottenham Hale London N17 9LP				
Project Reference:	7976				
Revision:	Rev2	Date:	14.11.2023		
Spec Based Upon:	Levitt Bernstein tender information – dated March 2022				
Building Insurer:	ICW				
Warranty Expectation:	TBC				
Client:	London Borough of Haringey				
Main Contractor:	Formation				
Architect:	Levitt Bernstein				
Architect Address:	Thanes Studios, 2-4 Thane Villas, London. N7 7PA				
Current Status:	Tender				
Document Author:	Michael Fadian				

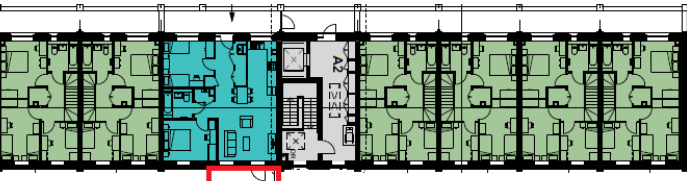
Block A

Identification	Location Plan	Roof Type(s)	Substrate	Radmat Specification	Notes
A1 Roof Level 05 (Including Lift Over Run) T: Access Hatch P: TBC Target U-value: 0.08W/m²k Total Area: 428.5m² Fire Rating Requirement: BROOF(T4)	 Minimum Number of Rain Water Outlets required: 3 Calculation: 1	RF10	225mm RC Deck to SE Specification	Option 1: Inverted Roof EshaPrimer PermaQuik PQ6100 hot melt Standard Protection Sheet 355mm (195mm+160mm) ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL <i>Finishes:</i> 50mm (min.) depth of 20/40mm rounded ballast/Pavers on pedestals to denote walkways Option 2: Warm Roof EshaPrimer EshaBase ALU VCL ProTherm PIR Tapered Insulation* EshaFlex 370 Plain EshaFlex 370 FireSafe <i>Finishes:</i> None	GA Drawing: 3742A-LB-BA-05-DP-A-120105 *Radmat Tapered Insulation design - TBC Minimum Number of outlets calculated based on a fall of less than 1:80, Caro 100/VS outlet and calculated in accordance with BS EN 12056-3:2000. This is guidance only and not intended to supersede the advice/design provide by M/E drainage Engineer. Placement of rain water outlets and all connection pipework to be coordinated by others. 

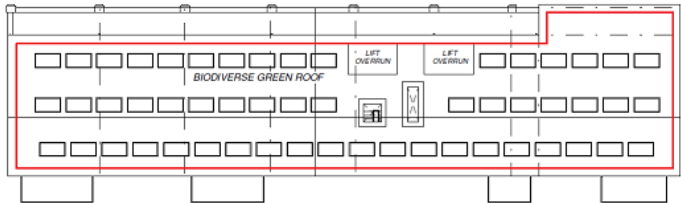
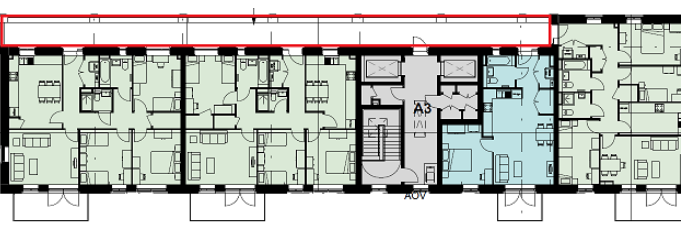
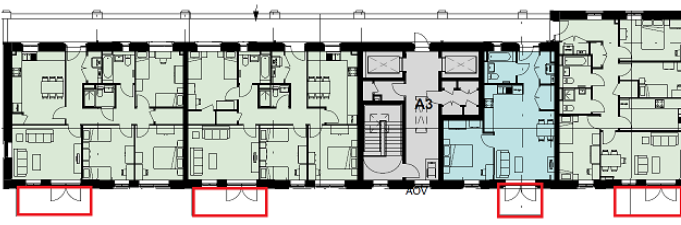
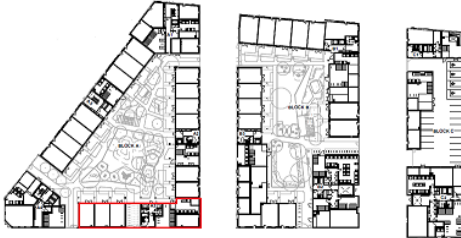
Top-Down Specification Summary

Identification	Location Plan	Roof Type(s)	Substrate	Radmat Specification	Notes
A1 Balconies Levels 04, 03, 02, 01 T: TBC P: TBC Target U-value: N/A Total Area: 176m ² Fire Rating Requirement: BROOF(T4)		TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing <i>Finishes:</i> <i>Assumed to be non combustible decking/pavers on pedestal - TBC</i>	GA Drawing: 3742A-LB-BA-04-DP-A-120104/3/2/1 *Assumed Thermally Broken – TBC 
A2 Roof Level 04 Blue Roof (Including Lift Over Run) T: Access Hatch P: TBC Target U-value: 0.08W/m ² k Total Area: 431.75m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated Minimum Number of Rain Water Outlets required: 3 Calculation: 2	RF30	225mm RC Deck to SE Specification	EshaPrimer PermaQuik PQ6100 hot melt Texsa Protection Sheet (All laps torched) 355mm (195mm+160mm) ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL SWG 100 Blue Roof Attenuation Geocell, encapsulated in G12 Fleece* <i>Finishes:</i> <i>50mm (min.) depth of 20/40mm rounded ballast/Pavers on pedestals to denote walkways</i>	GA Drawing: 3742A-LB-BA-04-DP-A-120104 Blue Roof confirmed on Civic Engineers Construction issue drawing: 1832-CIV-XX-XX-D-C-30022 *Subject To Radmat Calculation Minimum Number of outlets calculated based on a fall of less than 1:80, Caro 100/VS outlet and calculated in accordance with BS EN 12056-3:2000. This is guidance only and not intended to supersede the advice/design provide by M/E drainage Engineer. Placement of rain water outlets and all connection pipework to be coordinated by others. 

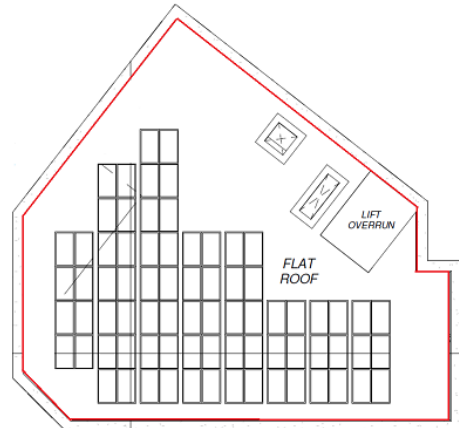
Top-Down Specification Summary

Identification	Location Plan	Roof Type(s)	Substrate	Radmat Specification	Notes
A2 Access Galleries Levels 03, 02, 01 T: TBC P: TBC Target U-value: N/A Total Area: 126m² Fire Rating Requirement: BROOF(T4)	 Level 03 - Image Rotated  Level 02 - Image Rotated  Level 01 - Image Rotated	TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing <i>Finishes:</i> <i>Assumed to be non combustible decking/pavers on pedestal - TBC</i>	GA Drawing: 3742A-LB-BA-03-DP-A-120103/2/1 *Assumed Thermally Broken - TBC 
A2 Balconies Levels 03, 02, 01 T: TBC P: TBC Target U-value: N/A Total Area: 93m² Fire Rating Requirement: BROOF(T4)	 Levels 01/03 - Image Rotated  Level 02 - Image Rotated	TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing <i>Finishes:</i> <i>Assumed to be non combustible decking/pavers on pedestal - TBC</i>	GA Drawing: 3742A-LB-BA-03-DP-A-120103/2/1 *Assumed Thermally Broken - TBC 

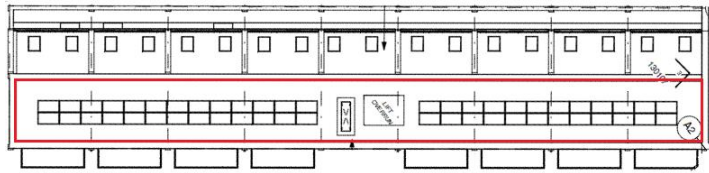
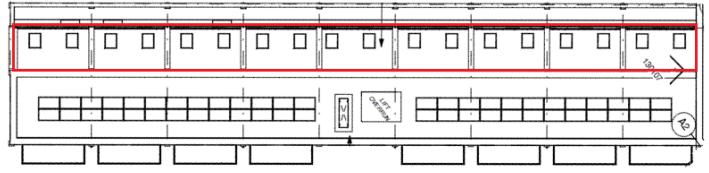
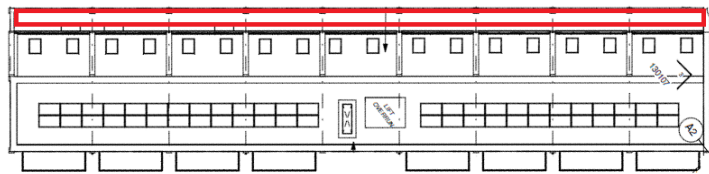
Top-Down Specification Summary

Identification	Location Plan	Roof Type(s)	Substrate	Radmat Specification	Notes
A3 Roof Level 06 Blue Roof (Including Lift Over Run) Biodiverse Green roof T: Access Hatch P: TBC Target U-value: 0.08W/m ² k Total Area: 422m ² Fire Rating Requirement: BROOF(T4)	 Minimum Number of Rain Water Outlets required: 3 Calculation: 3	RF20	225mm RC Deck to SE Specification	EshaPrimer PermaQuik PQ6100 hot melt Texsa Protection Sheet (All laps torched) 355mm (195mm+160mm) ProTherm G XPS X 300 SL ProTherm XPS X MK WFL SWG 100 Blue Roof Attenuation Geocell, encapsulated in G12 Fleece* Finishes: D25 Drainage/Reservoir Board G11 Fleece Biodiverse Green roof to suit project requirements	GA Drawing: 3742A-LB-BA-06-DP-A-120106 Blue Roof confirmed on Civic Engineers Construction issue drawing: 1832-CIV-XX-XX-D-C-30022 *Subject To Radmat Calculation Minimum Number of outlets calculated based on a fall of less than 1:80, Caro 100/VS outlet and calculated in accordance with BS EN 12056-3:2000. This is guidance only and not intended to supersede the advice/design provide by M/E drainage Engineer. Placement of rain water outlets and all connection pipework to be coordinated by others. 
A3 Access Galleries Levels 05, 04, 03, 02 T: TBC P: TBC Target U-value: N/A Total Area: 232m ² Fire Rating Requirement: BROOF(T4)		TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing Finishes: <i>Assumed to be non combustible decking/pavers on pedestal - TBC</i>	GA Drawing: 3742A-LB-BA-05-DP-A-120105/4/3/2 *Assumed Thermally Broken - TBC 
A3 Balconies Levels 05, 04, 03, 02 T: TBC P: TBC Target U-value: N/A Total Area: 124m ² Fire Rating Requirement: BROOF(T4)		TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing Finishes: <i>Assumed to be non combustible decking/pavers on pedestal - TBC</i>	GA Drawing: 3742A-LB-BA-05-DP-A-120105/4/3/2 *Assumed Thermally Broken - TBC 

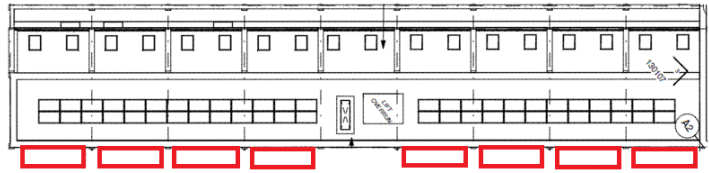
Top-Down Specification Summary

Identification	Location Plan	Roof Type(s)	Substrate	Radmat Specification	Notes
A4 Roof Level 07 (Including Lift Over Run) T: Access Hatch P: TBC Target U-value: 0.08W/m²k Total Area: 341.50m² Fire Rating Requirement: BROOF(T4)	 Minimum Number of Rain Water Outlets required: 2 Calculation: 4	RF10	225mm RC Deck to SE Specification	Option 1: Inverted Roof EshaPrimer PermaQuik PQ6100 hot melt Standard Protection Sheet 355mm (195mm+160mm) ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: 50mm (min.) depth of 20/40mm rounded ballast/Pavers on pedestals to denote walkways Option 2: Warm Roof EshaPrimer EshaBase ALU VCL ProTherm PIR Tapered Insulation* EshaFlex 370 Plain EshaFlex 370 FireSafe Finishes: None	Roof Plan Drawing: 3742A-LB-BA-07-DP-A-120107 *Radmat Tapered Insulation design - TBC Minimum Number of outlets calculated based on a fall of less than 1:80, Caro 100/VS outlet and calculated in accordance with BS EN 12056-3:2000. This is guidance only and not intended to supersede the advice/design provide by M/E drainage Engineer. Placement of rain water outlets and all connection pipework to be coordinated by others. 
A5 Balconies Levels 06, 05, 04, 03, 02 T: TBC P: TBC Target U-value: N/A Total Area: 32.5m² Fire Rating Requirement: BROOF(T4)		TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing Finishes: Assumed to be non combustible decking/pavers on pedestal - TBC	Roof Plan Drawing: 3742A-LB-BA-06-DP-A-120106/5/4/3/2 *Assumed Thermally Broken - TBC 
A5 Terrace* Level 01 T: TBC P: TBC Target U-value: TBC* Total Area: 6.5m² Fire Rating Requirement: BROOF(T4)		TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing Finishes: Assumed to be non combustible decking/pavers on pedestal – TBC	Roof Plan Drawing: 3742A-LB-BA-07-DP-A-120107 *Area sits directly over refuse store shown on drawing: 3742A-LB-BA-00-DP-A-12010 –Insulation strategy to be confirmed – potential for residual heat to create condensation to underside of structural slab 

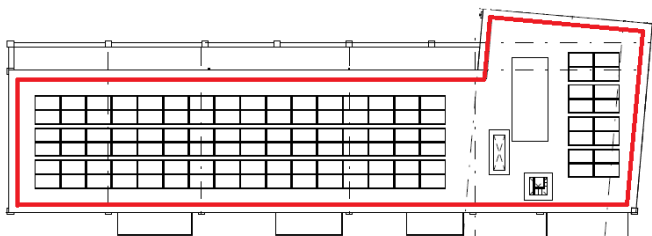
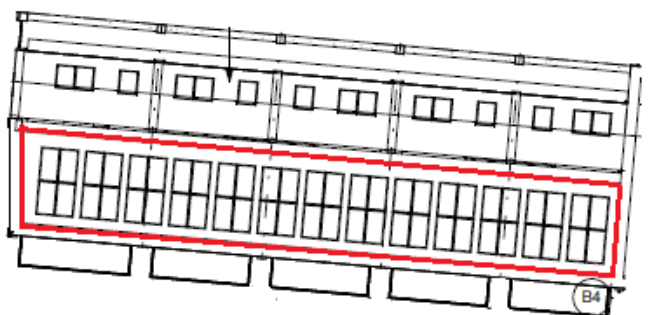
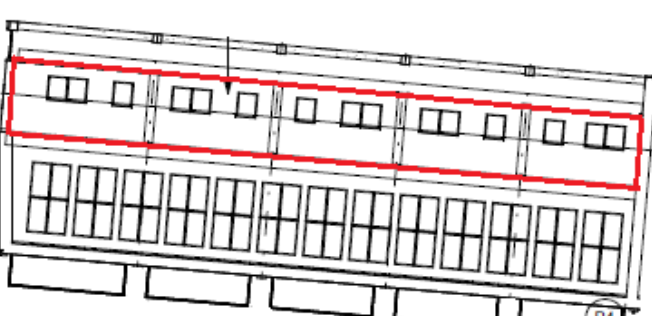
Top-Down Specification Summary

Identification	Location Plan	Roof Type(s)	Substrate	Radmat Specification	Notes
A5 Roof Level 04 (Including Lift Over Run) T: Access Hatch P: TBC Target U-value: 0.08W/m ² k Total Area: 286m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated Minimum Number of Rain Water Outlets required: 2 Calculation: 5	RF10	225mm RC Deck to SE Specification	Option 1: Inverted Roof EshaPrimer PermaQuik PQ6100 hot melt Standard Protection Sheet 355mm (195mm+160mm) ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: 50mm (min.) depth of 20/40mm rounded ballast/Pavers on pedestals to denote walkways Option 2: Warm Roof EshaPrimer EshaBase ALU VCL ProTherm PIR Tapered Insulation* EshaFlex 370 Plain EshaFlex 370 FireSafe Finishes: None	GA Drawing 3742A-LB-BA-04-DP-A-120104 *Radmat Tapered Insulation design - TBC Minimum Number of outlets calculated based on a fall of less than 1:80, Caro 100/VS outlet and calculated in accordance with BS EN 12056-3:2000. This is guidance only and not intended to supersede the advice/design provide by M/E drainage Engineer. Placement of rain water outlets and all connection pipework to be coordinated by others. 
A5 Mansard Roof Level 04 T: TBC P: TBC Target U-value: 0.11W/m ² k Total Area: 210m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	RF50	To SE Design	Not Part of Radmat Scope	GA Drawing 3742A-LB-BA-04-DP-A-120104 
A5 Access Gallery Level 02 T: TBC P: TBC Target U-value: N/A Total Area: 90m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing Finishes: Assumed to be non combustibile decking/pavers on pedestal - TBC	GA Drawing 3742A-LB-BA-02-DP-A-120102 *Assumed Thermally Broken - TBC 

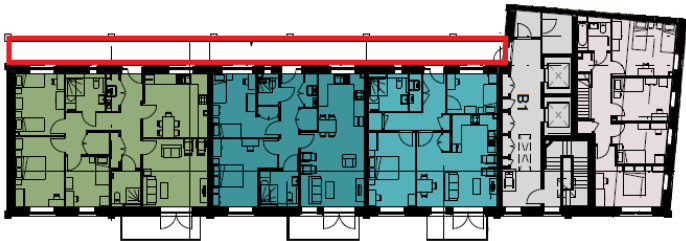
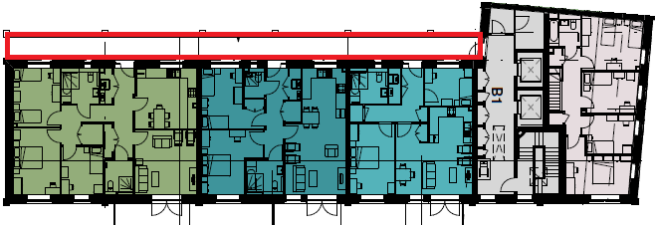
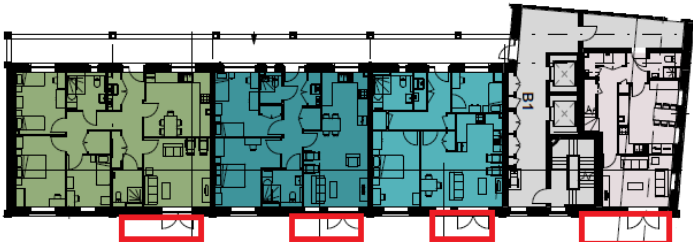
Top-Down Specification Summary

Identification	Location Plan	Roof Type(s)	Substrate	Radmat Specification	Notes
A5 Balconies Level 02 T: TBC P: TBC Target U-value: N/A Total Area: 59.2m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing <i>Finishes:</i> <i>Assumed to be non combustible decking/pavers on pedestal - TBC</i>	GA Drawing 3742A-LB-BA-02-DP-A-120102 *Assumed Thermally Broken - TBC 
A5 Balconies Level 01 T: TBC P: TBC Target U-value: N/A Total Area: 6m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing <i>Finishes:</i> <i>Assumed to be non combustible decking/pavers on pedestal - TBC</i>	GA Drawing 3742A-LB-BA-01-DP-A-120101 *Assumed Thermally Broken - TBC 
Block A Podium Blue Roof – TBC T: TBC P: TBC Target U-value: N/A Total Area: 1817m ² Fire Rating Requirement: BROOF(T4)	 Minimum Number of Rain Water Outlets required: 10 Calculation: 13	RF40	240mm RC Deck to SE Specification – zero falls	EshaPrimer PermaQuik PQ6100 hot melt Texsa Protection Sheet (All laps torched) <i>Finishes:</i> <i>Hard and soft landscaping to suit Architect Design</i>	GA Drawing 3742A-LB-BA-07-DP-A-120207 Extent of podium to be confirmed Minimum Number of outlets calculated based on a fall of less than 1:80, Caro 100/VS outlet and calculated in accordance with BS EN 12056-3:2000. This is guidance only and not intended to supersede the advice/design provide by M/E drainage Engineer. Placement of rain water outlets and all connection pipework to be coordinated by others 

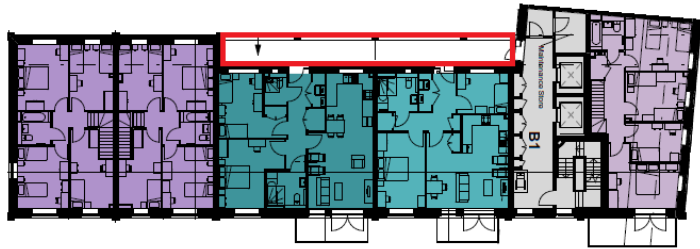
Top-Down Specification Summary

Identification	Location Plan	Roof Type(s)	Substrate	Radmat Specification	Notes
B1 Roof Level 04 (Including Lift Over Run) T: TBC P: TBC Target U-value: 0.08W/m ² k Total Area: 422m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated Minimum Number of Rain Water Outlets required: 3 Calculation: 6	RF10	225mm RC Deck to SE Specification	Option 1: Inverted Roof EshaPrimer PermaQuik PQ6100 hot melt Standard Protection Sheet 355mm (195mm+160mm) ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: 50mm (min.) depth of 20/40mm rounded ballast/Pavers on pedestals to denote walkways Option 2: Warm Roof EshaPrimer EshaBase ALU VCL ProTherm PIR Tapered Insulation* EshaFlex 370 Plain EshaFlex 370 FireSafe Finishes: None	GA Drawing 3742A-LB-ZZ-04-DP-A-120204 *Radmat Tapered Insulation design - TBC Minimum Number of outlets calculated based on a fall of less than 1:80, Caro 100/VS outlet and calculated in accordance with BS EN 12056-3:2000. This is guidance only and not intended to supersede the advice/design provide by M/E drainage Engineer. Placement of rain water outlets and all connection pipework to be coordinated by others. 
B1 Roof Level 04 T: TBC P: TBC Target U-value: 0.08W/m ² k Total Area: 159m ² Fire Rating Requirement: BROOF(T4)	 Minimum Number of Rain Water Outlets required: 2 Calculation: 7	RF10	225mm RC Deck to SE Specification	EshaPrimer PermaQuik PQ6100 hot melt Standard Protection Sheet 355mm (195mm+160mm) ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: 50mm (min.) depth of 20/40mm rounded ballast/Pavers on pedestals to denote walkways	GA Drawing 3742A-LB-ZZ-04-DP-A-120204 Minimum Number of outlets calculated based on a fall of less than 1:80, Caro 100/VS outlet and calculated in accordance with BS EN 12056-3:2000. This is guidance only and not intended to supersede the advice/design provide by M/E drainage Engineer. Placement of rain water outlets and all connection pipework to be coordinated by others. 
B1 Mansard Roof Level 04 T: TBC P: TBC Target U-value: 0.11W/m ² k Total Area: 116m ² Fire Rating Requirement: BROOF(T4)	 Minimum Number of Rain Water Outlets required: 2 Calculation: 7	RF50	To SE Design	Not Part of Radmat Scope	GA Drawing 3742A-LB-ZZ-04-DP-A-120204 

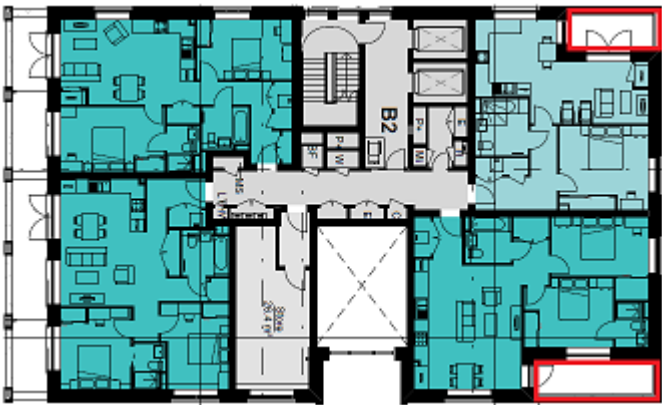
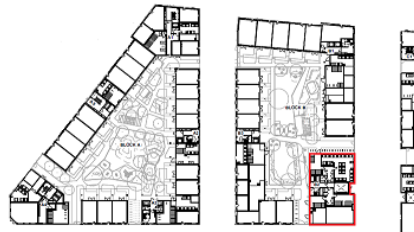
Top-Down Specification Summary

Identification	Location Plan	Roof Type(s)	Substrate	Radmat Specification	Notes
B1 Access Gallery Level 03 T: TBC P: TBC Target U-value: N/A Total Area: 50m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	TBC		ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing <i>Finishes:</i> <i>Assumed to be non combustible decking/pavers on pedestal - TBC</i>	GA Drawing 3742A-LB-ZZ-03-DP-A-120203 *Assumed Thermally Broken - TBC 
B1 Access Gallery Level 02* T: TBC P: TBC Target U-value: 0.16W/m ² k Total Area: 50m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	BF20	225mm RC Deck to SE Specification	Option 1 EshaPrimer PermaQuik PQ6100 hot melt Standard Protection Sheet 190mm ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL <i>Finishes:</i> <i>Assumed to be non combustible decking/pavers on pedestal – TBC</i> Option 2 – Cold applied liquid due to size/access ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD (Reinforced) Liquid Waterproofing 190mm ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL <i>Finishes:</i> <i>Assumed to be non combustible decking/pavers on pedestal – TBC</i>	GA Drawing 3742A-LB-ZZ-02-DP-A-120202 *Note: Level 02 sits partially over heated space below, shown on drawing 3742A-LB-ZZ-01-DP-A-120201 – the projecting element could be considered a specified attachment if not thermally broken – approval from local Authority building control advised 
B1 Balconies Levels 03, 02, 01** T: TBC P: TBC Target U-value: N/A Total Area: 87m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing <i>Finishes:</i> <i>Assumed to be non combustible decking/pavers on pedestal - TBC</i>	GA Drawing 3742A-LB-ZZ-03-DP-A-120203/2 *Assumed Thermally Broken - TBC **Note: Balcony layout differs between levels 

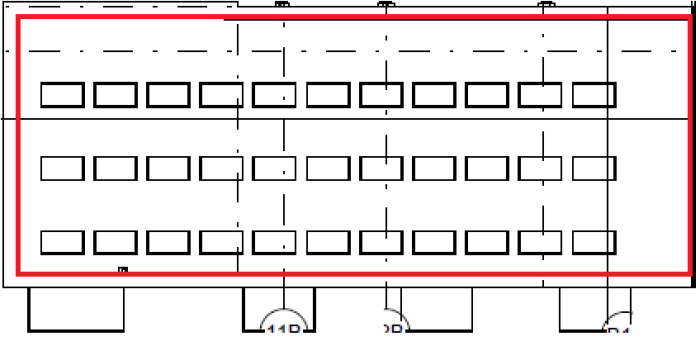
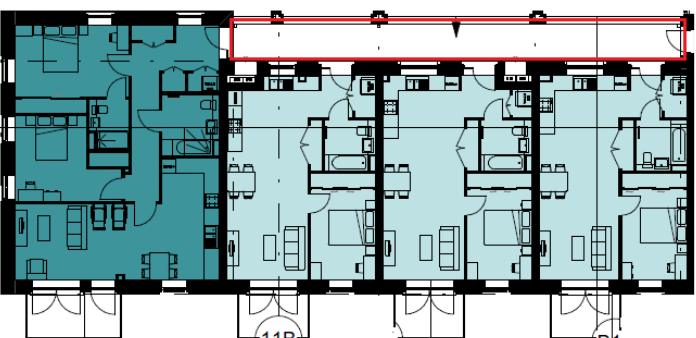
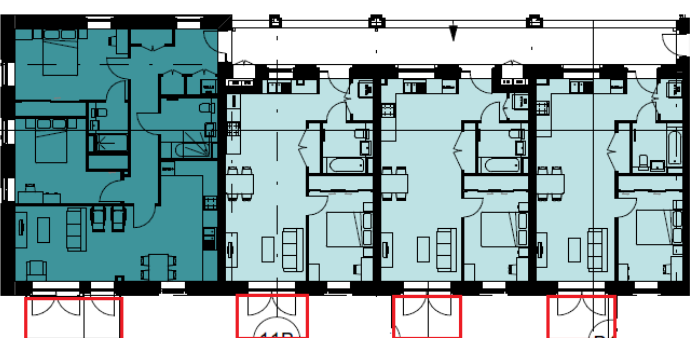
Top-Down Specification Summary

Identification	Location Plan	Roof Type(s)	Substrate	Radmat Specification	Notes
B1 Access Gallery Level 01* T: TBC P: TBC Target U-value: 0.16W/m ² k Total Area: 26m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	BF20	225mm RC Deck to SE Specification	Option 1 EshaPrimer PermaQuik PQ6100 hot melt Standard Protection Sheet 190mm ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: <i>Assumed to be non combustible decking/pavers on pedestal – TBC</i> Option 2 – Cold applied liquid due to size/access ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD (Reinforced) Liquid Waterproofing 190mm ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: <i>Assumed to be non combustible decking/pavers on pedestal – TBC</i>	GA Drawing 3742A-LB-ZZ-01-DP-A-120201 *Note: Area partially over residential heated space below, shown on drawing 3742A-LB-ZZ-00-DP-A-120200 – Projecting element <i>could</i> be considered a specified attachment if not thermally broken – approval from local Authority building control advised 
B1 Access Gallery Level 02* T: TBC P: TBC Target U-value: 0.16W/m ² k Total Area: 52m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	BF20	225mm RC Deck to SE Specification	Option 1 EshaPrimer PermaQuik PQ6100 hot melt Standard Protection Sheet 190mm ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: <i>Assumed to be non combustible decking/pavers on pedestal – TBC</i> Option 2 – Cold applied liquid due to size/access ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD (Reinforced) Liquid Waterproofing 190mm ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: <i>Assumed to be non combustible decking/pavers on pedestal – TBC</i>	GA Drawing 3742A-LB-ZZ-02-DP-A-120202 *Note: Area partially over residential heated space below, shown on drawing 3742A-LB-ZZ-01-DP-A-120201 – Projecting element <i>could</i> be considered a specified attachment – approval from local Authority building control advised 
B1 Balconies Level 02 T: TBC P: TBC Target U-value: N/A Total Area: 40m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing Finishes: <i>Assumed to be non combustible decking/pavers on pedestal - TBC</i>	GA Drawing 3742A-LB-ZZ-02-DP-A-120202 *Assumed Thermally Broken - TBC 

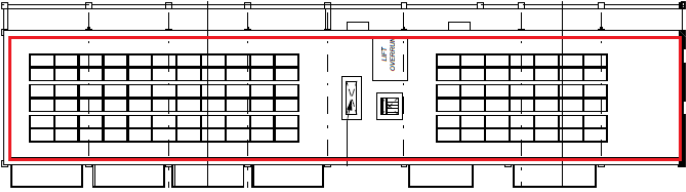
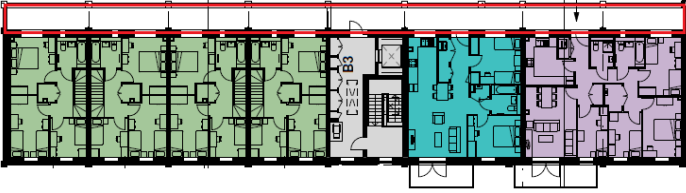
Top-Down Specification Summary

Identification	Location Plan	Roof Type(s)	Substrate	Radmat Specification	Notes
B2 Roof Level 13 T: TBC P: TBC Target U-value: 0.08W/m ² k Total Area: 500m ² Fire Rating Requirement: BROOF(T4)	 Minimum Number of Rain Water Outlets required: 3 Calculation: 8	RF10	225mm RC Deck to SE Specification	Option 1: Inverted Roof EshaPrimer PermaQuik PQ6100 hot melt Standard Protection Sheet 355mm (195mm+160mm) ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: 50mm (min.) depth of 20/40mm rounded ballast/Pavers on pedestals to denote walkways Option 2: Warm Roof EshaPrimer EshaBase ALU VCL ProTherm PIR Tapered Insulation* EshaFlex 370 Plain EshaFlex 370 FireSafe Finishes: None	GA Drawing 3742A-LB-ZZ-13-DP-A-120213 *Radmat Tapered Insulation design - TBC Minimum Number of outlets calculated based on a fall of less than 1:80, Caro 100/VS outlet and calculated in accordance with BS EN 12056-3:2000. This is guidance only and not intended to supersede the advice/design provide by M/E drainage Engineer. Placement of rain water outlets and all connection pipework to be coordinated by others. 
B2 Balconies Levels 12-01 T: TBC P: TBC Target U-value: N/A Total Area: 579m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing Finishes: Assumed to be non combustible decking/pavers on pedestal - TBC	GA Drawing 3742A-LB-ZZ-12-DP-A-120212 *Assumed Thermally Broken - TBC 
B2 Terraces Level 01* T: TBC P: TBC Target U-value: 0.16W/m ² k Total Area: 15m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	BF20	225mm RC Deck to SE Specification	Option 1 EshaPrimer PermaQuik PQ6100 hot melt Standard Protection Sheet 190mm ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: Assumed to be non combustible decking/pavers on pedestal – TBC Option 2 – Cold applied liquid due to size/access ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD (Reinforced) Liquid Waterproofing 190mm ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: Assumed to be non combustible decking/pavers on pedestal – TBC	GA Drawing 3742A-LB-ZZ-01-DP-A-120201 *Note: Area is over cycle and refuse store, shown on drawing 3742A-LB-ZZ-00-DP-A-120200 – assumed to be considered as heated space 

Top-Down Specification Summary

Identification	Location Plan	Roof Type(s)	Substrate	Radmat Specification	Notes
B3 Roof Level 06 Blue Roof T: TBC P: TBC Target U-value: 0.08W/m ² k Total Area: 305m ² Fire Rating Requirement: BROOF(T4)	 Minimum Number of Rain Water Outlets required: 2 Calculation: 9	RF10	225mm RC Deck to SE Specification	EshaPrimer PermaQuik PQ6100 hot melt Texsa Protection Sheet (All laps torched) 355mm (195mm+160mm) ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL SWG 100 Blue Roof Attenuation Geocell, encapsulated in G12 Fleece* Finishes: 50mm (min.) depth of 20/40mm rounded ballast/Pavers on pedestals to denote walkways	GA Drawing 3742A-LB-ZZ-06-DP-A-120206 Blue Roof confirmed on Civic Engineers Construction issue drawing: 1832-CIV-XX-XX-D-C-30022 *Subject To Radmat Calculation Minimum Number of outlets calculated based on a fall of less than 1:80, Caro 100/VS outlet and calculated in accordance with BS EN 12056-3:2000. This is guidance only and not intended to supersede the advice/design provide by M/E drainage Engineer. Placement of rain water outlets and all connection pipework to be coordinated by others.
B3 Access Galleries Levels 05, 04, 03, 02 T: TBC P: TBC Target U-value: N/A Total Area: 124m ² Fire Rating Requirement: BROOF(T4)		TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing Finishes: Assumed to be non combustible decking/pavers on pedestal - TBC	GA Drawing 3742A-LB-ZZ-06-DP-A-120206/5/4/3/2 *Assumed Thermally Broken - TBC
B3 Balconies Levels 05, 04, 03, 02 T: TBC P: TBC Target U-value: N/A Total Area: 93m ² Fire Rating Requirement: BROOF(T4)		TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing Finishes: Assumed to be non combustible decking/pavers on pedestal - TBC	GA Drawing 3742A-LB-ZZ-06-DP-A-120206/5/4/3/2 *Assumed Thermally Broken - TBC

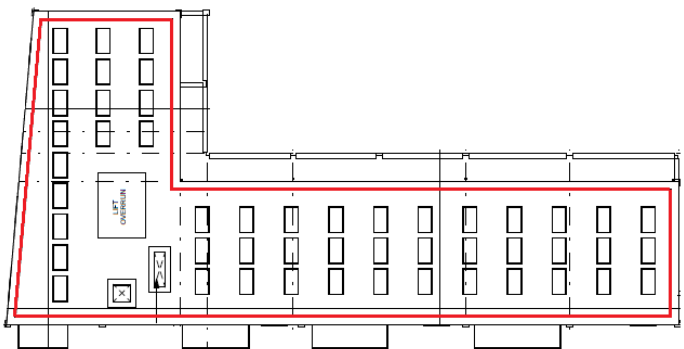
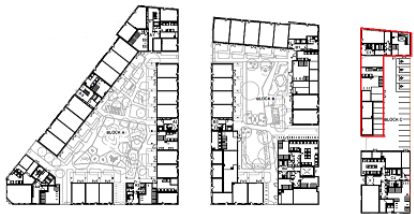
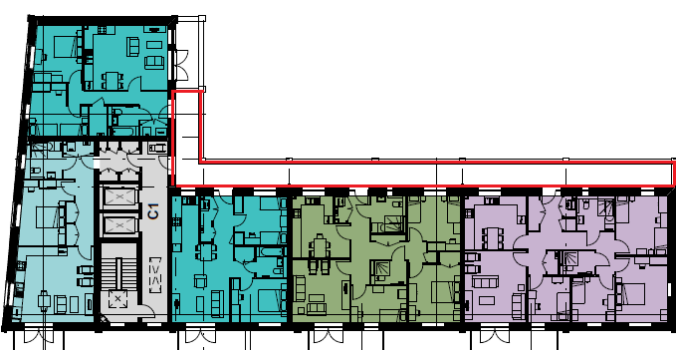
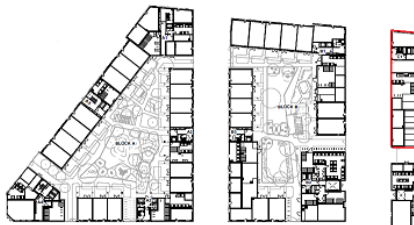
Top-Down Specification Summary

Identification	Location Plan	Roof Type(s)	Substrate	Radmat Specification	Notes
B3 Roof Level 04 Blue Roof (Including Lift Over Run) T: TBC P: TBC Target U-value: 0.08W/m²k Total Area: 431m² Fire Rating Requirement: BROOF(T4)	 Minimum Number of Rain Water Outlets required: 3 Calculation: 10	RF10	225mm RC Deck to SE Specification	EshaPrimer PermaQuik PQ6100 hot melt Texsa Protection Sheet (All laps torched) 355mm (195mm+160mm) ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL SWG 100 Blue Roof Attenuation Geocell, encapsulated in G12 Fleece* <i>Finishes:</i> 50mm (min.) depth of 20/40mm rounded ballast/Pavers on pedestals to denote walkways	GA Drawing 3742A-LB-ZZ-04-DP-A-120204 Blue Roof confirmed on Civic Engineers Construction issue drawing: 1832-CIV-XX-XX-D-C-30022 *Subject To Radmat Calculation Minimum Number of outlets calculated based on a fall of less than 1:80, Caro 100/VS outlet and calculated in accordance with BS EN 12056-3:2000. This is guidance only and not intended to supersede the advice/design provide by M/E drainage Engineer. Placement of rain water outlets and all connection pipework to be coordinated by others. 
B3 Access Galleries Levels 03, 02 T: TBC P: TBC Target U-value: N/A Total Area: 158m² Fire Rating Requirement: BROOF(T4)	 Image Rotated	TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing <i>Finishes:</i> Assumed to be non combustible decking/pavers on pedestal - TBC	GA Drawing 3742A-LB-ZZ-03-DP-A-120203/2 *Assumed Thermally Broken - TBC 
B3 Balconies Levels 03, 02, 01** T: TBC P: TBC Target U-value: N/A Total Area: 142m² Fire Rating Requirement: BROOF(T4)	 Image Rotated	TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing <i>Finishes:</i> Assumed to be non combustible decking/pavers on pedestal - TBC	GA Drawing 3742A-LB-ZZ-03-DP-A-120203/2/1 *Assumed Thermally Broken - TBC **Note: Balcony layout differs between levels 

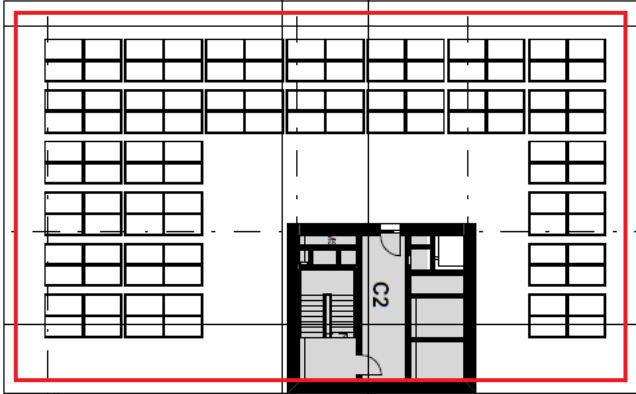
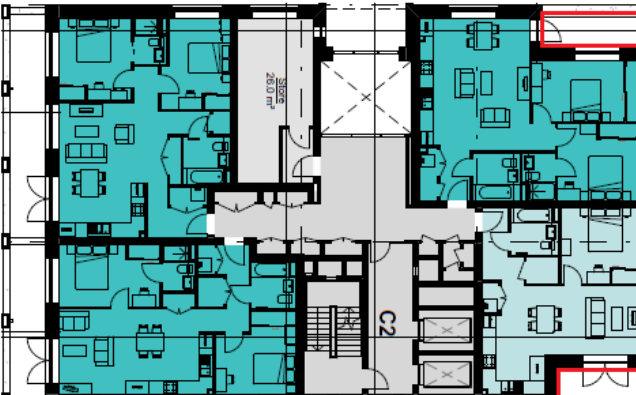
Top-Down Specification Summary

Identification	Location Plan	Roof Type(s)	Substrate	Radmat Specification	Notes
B3 Access Gallery Level 01* T: TBC P: TBC Target U-value: 0.16W/m ² k Total Area: 22m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	BF20	225mm RC Deck to SE Specification	Option 1 EshaPrimer PermaQuik PQ6100 hot melt Standard Protection Sheet 190mm ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: <i>Assumed to be non combustible decking/pavers on pedestal – TBC</i> Option 2 – Cold applied liquid due to size/access ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD (Reinforced) Liquid Waterproofing 190mm ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: <i>Assumed to be non combustible decking/pavers on pedestal – TBC</i>	GA Drawing 3742A-LB-ZZ-01-DP-A-120201 *Area sits partially over Water Tank Space and cycle store shown on drawing: 3742A-LB-ZZ-00-DP-A-120200 and partially overhangs – Projecting element <i>could</i> be considered a specified attachment – approval from local Authority building control advised 
B3 Flat Roof Level 01* T: TBC P: TBC Target U-value: 0.16W/m ² k Total Area: 22m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	BF20	225mm RC Deck to SE Specification	Option 1 EshaPrimer PermaQuik PQ6100 hot melt Standard Protection Sheet 190mm ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: <i>Assumed to be non combustible decking/pavers on pedestal – TBC</i> Option 2 – Cold applied liquid due to size/access ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD (Reinforced) Liquid Waterproofing 190mm ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: <i>Assumed to be non combustible decking/pavers on pedestal – TBC</i>	GA Drawing 3742A-LB-ZZ-01-DP-A-120201 *Area sits directly over Water Tank Space shown on drawing: 3742A-LB-ZZ-00-DP-A-120200 – Assumed heated space 
Block B Podium Blue Roof – TBC T: TBC P: TBC Target U-value: N/A Total Area: 1547m ² Fire Rating Requirement: BROOF(T4)	 Minimum Number of Rain Water Outlets required: 9 Calculation: 14	RF40	250mm RC Deck to SE Specification – zero falls	EshaPrimer PermaQuik PQ6100 hot melt Texsa Protection Sheet (All laps torched) Finishes: <i>Hard and soft landscaping to suit Architect Design</i>	GA Drawing 3742A-LB-ZZ-13-DP-A-120213 Extent of podium to be confirmed Minimum Number of outlets calculated based on a fall of less than 1:80, Caro 100/VS outlet and calculated in accordance with BS EN 12056-3:2000. This is guidance only and not intended to supersede the advice/design provide by M/E drainage Engineer. Placement of rain water outlets and all connection pipework to be coordinated by others. 

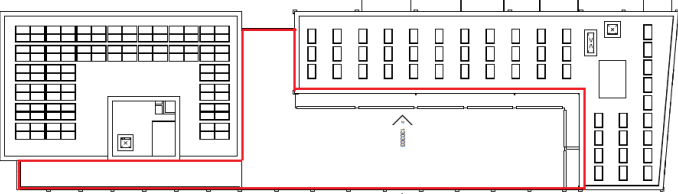
Top-Down Specification Summary

Identification	Location Plan	Roof Type(s)	Substrate	Radmat Specification	Notes
C1 Roof Level 05 Blue Roof (Including Lift Over Run) T: TBC P: TBC Target U-value: 0.08W/m ² k Total Area: 513m ² Fire Rating Requirement: BROOF(T4)	 Minimum Number of Rain Water Outlets required: 3 Calculation: 11	RF10	225mm RC Deck to SE Specification	EshaPrimer PermaQuik PQ6100 hot melt Texsa Protection Sheet (All laps torched) 355mm (195mm+160mm) ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL SWG 100 Blue Roof Attenuation Geocell, encapsulated in G12 Fleece* Finishes: 50mm (min.) depth of 20/40mm rounded ballast/Pavers on pedestals to denote walkways	GA Drawing 3742A-LB-ZZ-05-DP-A-120205 Blue Roof confirmed on Civic Engineers Construction issue drawing: 1832-CIV-XX-XX-D-C-30023 *Subject To Radmat Calculation Minimum Number of outlets calculated based on a fall of less than 1:80, Caro 100/VS outlet and calculated in accordance with BS EN 12056-3:2000. This is guidance only and not intended to supersede the advice/design provide by M/E drainage Engineer. Placement of rain water outlets and all connection pipework to be coordinated by others. 
C1 Access Gallery Levels 04, 03, 02 T: TBC P: TBC Target U-value: N/A Total Area: 189m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing Finishes: Assumed to be non combustible decking/pavers on pedestal - TBC	GA Drawing 3742A-LB-ZZ-04-DP-A-120204/3/2 *Assumed Thermally Broken - TBC 
C1 Balconies Levels 04, 03, 02, 01** T: TBC P: TBC Target U-value: N/A Total Area: 146m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing Finishes: Assumed to be non combustible decking/pavers on pedestal - TBC	GA Drawing 3742A-LB-ZZ-04-DP-A-120204/3/2/1 *Assumed Thermally Broken - TBC **Note: Balcony layout differs between levels 

Top-Down Specification Summary

Identification	Location Plan	Roof Type(s)	Substrate	Radmat Specification	Notes
C2 Roof Level 10 T: TBC P: TBC Target U-value: 0.08W/m ² k Total Area: 485m ² Fire Rating Requirement: BROOF(T4)	 Minimum Number of Rain Water Outlets required: 3 Calculation: 12	RF10	225mm RC Deck to SE Specification	Option 1: Inverted Roof EshaPrimer PermaQuik PQ6100 hot melt Standard Protection Sheet 355mm (195mm+160mm) ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: 50mm (min.) depth of 20/40mm rounded ballast/Pavers on pedestals to denote walkways Option 2: Warm Roof EshaPrimer EshaBase ALU VCL ProTherm PIR Tapered Insulation* EshaFlex 370 Plain EshaFlex 370 FireSafe Finishes: None	GA Drawing 3742A-LB-ZZ-10-DP-A-120210 *Radmat Tapered Insulation design - TBC Minimum Number of outlets calculated based on a fall of less than 1:80, Caro 100/VS outlet and calculated in accordance with BS EN 12056-3:2000. This is guidance only and not intended to supersede the advice/design provide by M/E drainage Engineer. Placement of rain water outlets and all connection pipework to be coordinated by others. 
C2 Balconies Levels 09-01 T: TBC P: TBC Target U-value: N/A Total Area: 416m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	TBC	TBC- Assumed RC Deck with Screed to falls*	ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD Liquid Waterproofing Finishes: Assumed to be non combustible decking/pavers on pedestal - TBC	GA Drawing 3742A-LB-ZZ-09-DP-A-120209/8/7/6/5/4/3/2 
C2 Terraces Level 01* T: TBC P: TBC Target U-value: 0.16W/m ² k Total Area: 12.5m ² Fire Rating Requirement: BROOF(T4)	 Image Rotated	BF20	225mm RC Deck to SE Specification	Option 1 EshaPrimer PermaQuik PQ6100 hot melt Standard Protection Sheet 190mm ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: Assumed to be non combustible decking/pavers on pedestal – TBC Option 2 – Cold applied liquid due to size/access ReadySeal E4 Primer & Kiln-dried Sand ReadySeal COLD (Reinforced) Liquid Waterproofing 190mm ProTherm G XPS X 300 SL ProTherm XPS X MK WFRL Finishes: Assumed to be non combustible decking/pavers on pedestal – TBC	GA Drawing 3742A-LB-ZZ-01-DP-A-120201 *Area sits directly over Plant space shown on drawing: 3742A-LB-BA-00-DP-A-12010 – assumed heated space. 

Top-Down Specification Summary

Identification	Location Plan	Roof Type(s)	Substrate	Radmat Specification	Notes
Block C Podium Blue Roof – TBC T: TBC P: TBC Target U-value: N/A Total Area: 598m² Fire Rating Requirement: BROOF(T4)	 Minimum Number of Rain Water Outlets required: 4 Calculation: 15	RF40	250mm RC Deck to SE Specification - zero falls	EshaPrimer PermaQuik PQ6100 hot melt Texsa Protection Sheet (All laps torched) SWG 100 Blue Roof Attenuation Geocell, encapsulated in G12 Fleece* <i>Finishes:</i> <i>Hard and soft landscaping to suit Architect Design</i>	GA Drawing 3742A-LB-ZZ-13-DP-A-120213 Extent of podium to be confirmed *Subject to Radmat Calculation and calculation of expected loads Minimum Number of outlets calculated based on a fall of less than 1:80, Caro 100/VS outlet and calculated in accordance with BS EN 12056-3:2000. This is guidance only and not intended to supersede the advice/design provide by M/E drainage Engineer. Placement of rain water outlets and all connection pipework to be coordinated by others. 