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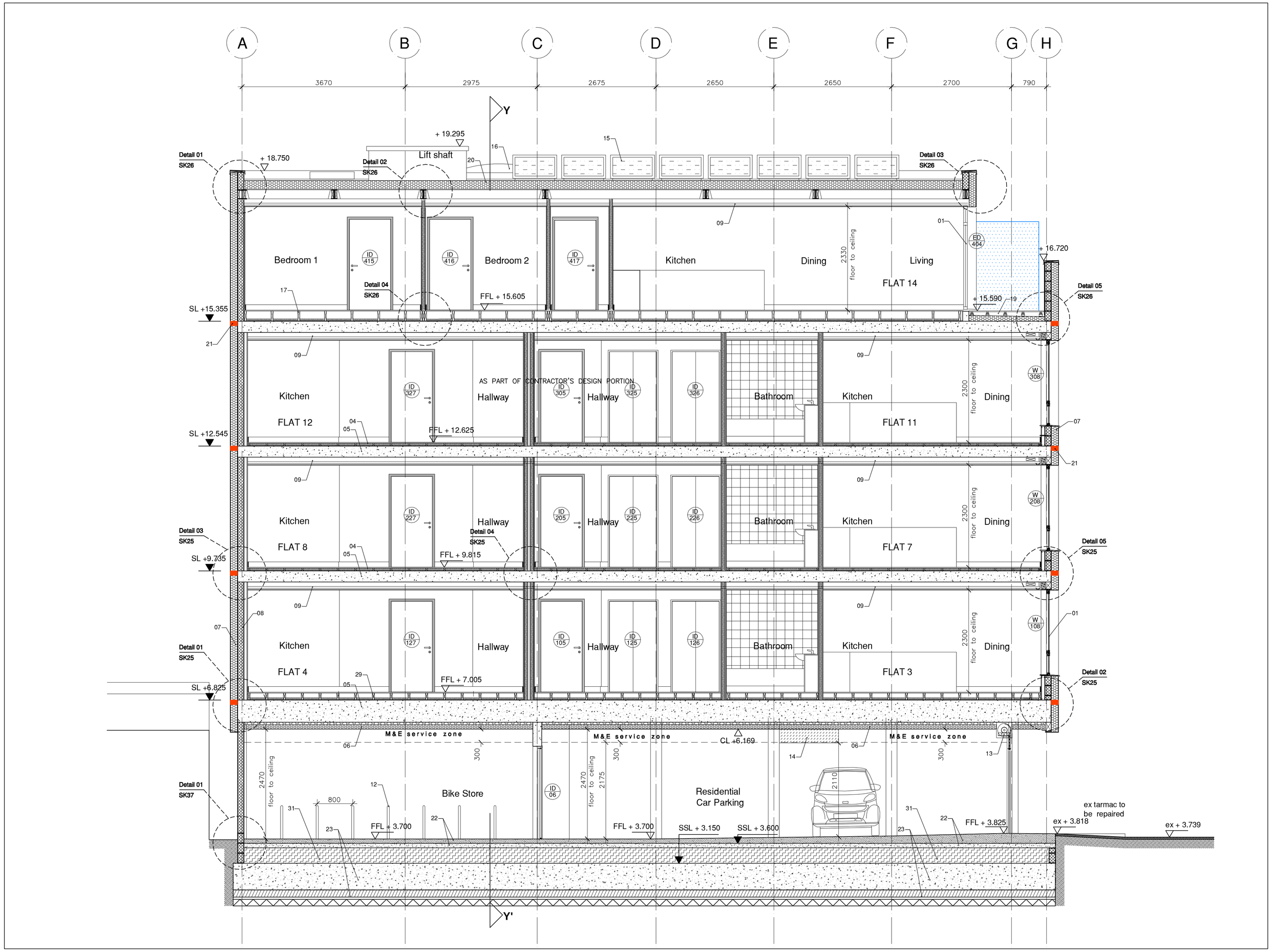
REV	DATE	DESCRIPTION
A	13.09.17	Issued for Building Regulations
B	10.10.17	Preliminary Issue
C	16.10.17	Fourth floor FFL altered
D	30.10.17	Construction issue
E	14.11.17	GF slab level altered. Note 22 altered. Noes 31 and 32 added.
F	15.11.17	GF slab altered. Note 24, 25, 32 altered.
G	07.12.17	Scale bar added
H	23.02.18	Fire barriers to 1st & 4th floor shown
J	21.08.18	Roof canopy omitted. Description 26 omitted.



Section X-X' - Scale 1:50

1:50

1m 0 1m 2m 3m 4m 5m

NBS	ref	DESCRIPTION
L10	01	PPC ALUMINIUM THERMALLY BROKEN WINDOWS AND BALCONY DOORS, ECOFUTURAL BY SMART SYSTEMS, OR SIMILAR APPROVED WITH DOUBLE / TRIPLE GLAZING UNITS TO PROVIDE A U-VALUE OF 1.4 W/m2k OR BETTER AND TO MEET THE PERFORMANCE REQUIRED, TO SPECIALIST SUB-CONTRACTOR'S DETAIL **AS PART OF CONTRACTOR'S DESIGN PORTION**. NB: FOR ACOUSTIC REQUIREMENTS REFER TO dB VALUE STATED ON WINDOW ELEVATIONS FOR EACH WINDOW / DOOR TYPE.
L10	02	POWDER COATED ALUMINIUM HINGED DOOR WITH PPC ALUMINIUM LOUVRES AND BIRD AND INSECT MESH, TO SPECIALIST DOOR / WINDOW SUB-CONTRACTOR'S DETAILS, **AS PART OF CONTRACTOR'S DESIGN PORTION**
L10	03	PPC ALUMINIUM THERMALLY BROKEN SHOP FRONT SCREEN, SMARTWALL BY SMART SYSTEMS, OR SIMILAR APPROVED, WITH 28mm DOUBLE GLAZING UNITS TO PROVIDE A U-VALUE OF 1.4 W/m2k OR BETTER, TO SPECIALIST SUB-CONTRACTOR'S DETAIL **AS PART OF CONTRACTOR'S DESIGN PORTION**
K11 G20 P10	04	22 MM T&G CHIPBOARD FLOORING 50x50mm ON TSW TIMBER BATTENS SPACED AT 400mm C/C WITH 50mm THICK GLASS MINERAL WOOL BETWEEN BATTENS ON 10 MM MONARFLOOR FFT2 RESILIENT ACOUSTIC CRADLE SYSTEM, OR SIMILAR APPROVED, INSTALLED IN ACCORDANCE WITH SPECIALIST MANUFACTURER'S RECOMMENDATIONS
E10	05	INSITU REINFORCED CONCRETE SLAB, TO STRUCTURAL ENGINEER'S DETAIL
F30	06	50mm THICK PIR RIGID INSULATION MECHANICALLY FIXED TO US CONCRETE SLAB, CELOTEX FR5000 OR SIMILAR APPROVED WITH 106mm THICK PIR INSULATION BOARD WITH CALCIUM SILICATE SLS106, OR SIMILAR APPROVED, INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. CONSTRUCTION TO ACHIEVE U-VALUE **0.14 W/m²K** OR BETTER
M20	07	BASE COAT AND RENDER FINISH DRYVIT ON 160mm THICK DRYVIT LL EPS 70E GRADE INSULATION, FIXED TO BLOCKWORK WITH INSULATION ADHESIVE, ALL BY DRYVIT, OS SIMILAR APPROVED, INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS **AS PART OF CONTRACTOR'S DESIGN PORTION** , WALL CONSTRUCTION TO ACHIEVE U-VALUE **0.18 W/m²K** OR BETTER
F10 K10 M60	08	15mm THICK PLASTERBOARD, SINIAT GTEC **LADURA** BOARD, OR SIMILAR APPROVED, FIXED ON 70mm METAL C STUDS, SINIAT OR SIMILAR APPROVED, SPACED AT 600mm C/C ON 140mm THICK LIGHTWEIGHT AGGREGATE BLOCKS, 3.6n/mm² STRENGTH, TARMAC HEMALITE STANDARD, OR SIMILAR APPROVED, TO STRUCTURAL ENGINEER'S DETAIL
K10 M60	09	12.5mm THICK PLASTERBOARD, SINIAT GTEC **STANDARD** BOARD, OR SIMILAR APPROVED, TAPED AND JOINTED TO RECEIVE PAINT FINISH, WITH ALL ACCESSORIES REQUIRED TO COMPLETE INSTALLATION, FIXED TO SINIAT GTEC SUSPENDED MF CEILING SYSTEM, OR SIMILAR APPROVED, WITH ALL ACCESSORIES REQUIRED TO COMPLETE INSTALLATION, INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS
K11 J42	10	RECYCLED WOOD AND PLASTIC DECKING, ENVIROBUILD HYPERION ON 50x50mm RECYCLED WOOD AND PLASTIC BATTENS, ENVIROBUILD MANTICORE ON POLYPROPYLENE DECKING PEDESTALS ENVIROBUILD MESA, OR SIMILAR APPROVED, ON SINGLE PLY MEMBRANE ADHERED TO INSULATION AND MECHANICALLY FIXED, SARNAFIL G410-18ELF, OR SIMILAR APPROVED, ON 1 / 60 DEGREE TAPERED INSULATION KINGSPAN THERMATAPER TT47, MINIMUM THICKNESS 25mm ON VAPOUR CHECK BITTUMINOUS LAYER, ALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND TO SUBCONTRACTOR'S DETAIL **AS PART OF CONTRACTOR'S DESIGN PORTION** .
K11 G20 G10 H31	11	RECYCLED WOOD AND PLASTIC DECKING, ENVIROBUILD HYPERION, OR SIMILAR APPROVED, ON 75X50mm TSW TIMBER BATTENS SPACED AT 400mm C/C ON GALVANIZED STEEL FRAMING, WITH WOVEN STAINLESS WIRE MESH - 11mm APERTURE - GRADE 316 FOR MARINE ENVIRONMENT, ALL TO SUBCONTRACTOR'S DETAIL
Q50	12	GALVANIZED STEEL BASEPLATE FIXED SHEFFIELD CYCLE STAND BY MARSHALLS, OR SIMILAR APPROVED
L10	13	GALVANIZED STEEL AUTOMATIC ROLLING GRILLE GUARDIAN APOLLO 3PH DIRECT DRIVE FACE FIX, OR SIMILAR APPROVED, TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS **AS PART OF CONTRACTOR'S DESIGN PORTION**
-	14	CEILING MOUNTED SMOKE EXTRACT UNIT, TO SPECIALIST SUB-CONTRACTOR'S DETAILS **AS PART OF CONTRACTOR'S DESIGN PORTION**
-	15	PV PANELS TO SPECIALIST SUB-CONTRACTOR'S DETAILS
-	16	LID OVER SERVICE RISERS AND COWL TO MECHANICAL SUB-CONTRACTOR'S DETAIL **AS PART OF CONTRACTOR'S DESIGN PORTION**
K11 G20 P10	17	22 MM T&G CHIPBOARD FLOORING 220x50mm ON TSW TIMBER BATTENS SPACED AT 400mm C/C WITH 50mm THICK GLASS MINERAL WOOL BETWEEN BATTENS ON 10 MM MONARFLOOR FFT2 RESILIENT ACOUSTIC CRADLE SYSTEM, OR SIMILAR APPROVED, INSTALLED IN ACCORDANCE WITH SPECIALIST MANUFACTURER'S RECOMMENDATIONS
-	18	MVHR EXTRACT DUCTS TO MECHANICAL SUB-CONTRACTOR'S DETAIL **AS PART OF CONTRACTOR'S DESIGN PORTION**
K11 J42	19	RECYCLED WOOD AND PLASTIC DECKING, ENVIROBUILD HYPERION ON 50x50mm RECYCLED WOOD AND PLASTIC BATTENS, ENVIROBUILD MANTICORE ON POLYPROPYLENE DECKING PEDESTALS ENVIROBUILD MESA, OR SIMILAR APPROVED, ON SINGLE PLY MEMBRANE ADHERED TO INSULATION AND MECHANICALLY FIXED, SARNAFIL G410-18ELF, OR SIMILAR APPROVED, ON 1 / 60 DEGREE TAPERED RIGID INSULATION SARNAFIL SARNA THERM G PIR, OR SIMILAR APPROVED, MINIMUM THICKNESS 73mm, ON 25mm SARNATHERM OPTIM R INSULATION, TO SPECIALIST SUB-CONTRACTOR'S DETAIL **AS PART OF CONTRACTOR'S DESIGN PORTION** . CONSTRUCTION TO PROVIDE U-VALUE OF 0.15W/m2K OR BETTER.
J42	20	SINGLE PLY MEMBRANE ADHERED TO INSULATION AND MECHANICALLY FIXED, SARNAFIL G410-18ELF, OR SIMILAR APPROVED, ON 1 / 60 DEGREE TAPERED RIGID INSULATION SARNAFIL SARNATHERM G PIR, OR SIMILAR APPROVED, MINIMUM THICKNESS 130mm, TO SPECIALIST SUB-CONTRACTOR'S DETAIL **AS PART OF CONTRACTOR'S DESIGN PORTION** . ROOF CONSTRUCTION TO PROVIDE U-VALUE OF 0.15W/m2K OR BETTER.
M20	21	100mm HIGH MINERAL WOOL FIRE BREAK, BY DRYVIT, OS SIMILAR APPROVED, TO SUBCONTRACTOR'S DETAIL **AS PART OF CONTRACTOR'S DESIGN PORTION**
M10, E10	22	100mm THICK RC40 SLAB WITH A393 MESH WITH L BARS CAST FROM COLUMNS AND SAND CEMENT SCREED WITH ANTI CRACK MESH. THICKNESS OF SCREED TO VARY BETWEEN 75mm AND 225mm, TO SUIT FFLs. ALL TO STRUCTURAL ENGINEER'S DETAIL
E10, J20, M10	23	600MM THICK CONCRETE SLAB TO STRUCTURAL ENGINEER'S DETAIL, ON EXTERNAL TANKING MEMBRANE RIW STRUCTURESEAL **(CONTRACTOR'S DESIGN PORTION)** , OR SIMILAR APPROVED, ON 160MM CELLCORE COMPRESSIBLE MATERIAL ON 50MM SAND BLINDING TO STRUCTURAL ENGINEER'S DETAIL, ON 150MM TICK WELL COMPACTED SULPHATE FREE HARDCORE TO STRUCTURAL ENGINEER'S DETAIL
M10, K11	24	120mm THICK RIGID INSULATION CELOTEX XR4120, OR SIMILAR APPROVED, TO PROVIDE U-VALUE OF 0.15 W/m2K OR BETTER
M10, K11	25	FLOOR FINISH TO BE CONFIRMED
~~H74~~	~~26~~	~~STANDING SEAM ZINC CANOPY TO ROOFING SUBCONTRACTOR'S DETAIL **AS PART OF CONTRACTOR'S DESIGN PORTION**~~
-	27	MVHR DUCTING, NUAIRE SLIM DUCT, OR SIMILAR APPROVED, TO SPECIALIST SUB-CONTRACTOR'S DETAIL **AS PART OF CONTRACTOR'S DESIGN PORTION**
P10, G20 K10, M60	28	130mm THICK RIGID INSULATION, CELOTEX XR4000, OR SIMILAR APPROVED, WITH ALL JOINTS TAPED, FIXED TO U/S CONCRETE; 38mm LOW EMISSIVITY CAVITY FORMED WITH 50X38mm TSW BATTENS SPACED AT 600mm C/C; VAPOUR CONTROL LAYER MONARFLEX REFLEX 275 SEALED AND TAPED TO FORM AN EFFECTIVE BARRIER; 50x38mm TSW COUNTERBATTENS SPACED AT 600mm C/C; 12.5mm THICK PLASTERBOARD SINIAT GTEC **STANDARD** BOARD OR SIMILAR APPROVED, TAPED AND JOINTED TO RECEIVE PAINT FINISH, ALL INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. CONSTRUCTION TO PROVIDE U-VALUE OF 0.15W/m2K OR BETTER.
K11 G20 P10	29	22 MM T&G CHIPBOARD FLOORING 150x50mm ON TSW TIMBER BATTENS SPACED AT 400mm C/C WITH 50mm THICK GLASS MINERAL WOOL BETWEEN BATTENS ON 10 MM MONARFLOOR FFT2 RESILIENT ACOUSTIC CRADLE SYSTEM, OR SIMILAR APPROVED, INSTALLED IN ACCORDANCE WITH SPECIALIST MANUFACTURER'S RECOMMENDATIONS
L30	30	FRAMELESS GLASS BALUSTRADE WITH ALUMINIUM TOP MOUNT BASE PROFILE, LAMINATED GLASS BARRIER AND ALUMINIUM CAPPING RAIL, BY S3i GROUP, OR SIMILAR APPROVED, TO SUBCONTRACTOR'S DETAIL **AS PART OF CONTRACTOR'S DESIGN PORTION**
-	31	350mm THICK VOID FORMER TO STRUCTURAL ENGINEER'S DETAIL
-	32	230mm THICK VOID FORMER TO STRUCTURAL ENGINEER'S DETAIL

NB: all details shown on these drawings are indicative and are to be developed by the relevant sub-contractor as part of the Contractor's Design Portion:
- Aluminium Windows and Doors;
- Roofing;
- Mansafe Fall Arrest System;
- Mechanical and Electrical Installations;
- Below grund and above ground drainage;
- Render and Outsulation;
- Balcony Balustrading;

Non-material amendment

Brighton Road - Shoreham-by-Sea — Section X-X'

saville jones | architects

DWG: \DRAWINGS\PROFORMA\SJA_A1_1.DWG

date:	June 17	1714	SK	17J
scale:	1 : 50 @A1			