



PROJECT DESIGN GUIDE A02.a

Appendix A - Design Responsibility Matrix

Project Name:	Project No.:	Date:
<i>Name</i>	<i>Number</i>	<i>Date</i>

SPECIFIC NOTES (relating to any particular project specific matters)

<p>L LEAD - RESPONSIBLE FOR PRODUCING ALL STAGES OF DESIGN INFORMATION OR UPTO THE POINT OF CDP, FOR WHICH THE DESIGN IS TO BE CHECKED FOR CONFORMANCE TO BRIEF AND REGULATIONS.</p> <p>A ASSIST - RESPONSIBLE FOR PROVIDING DESIGN INPUT/ADVICE TO OTHERS TO ENABLE THEM TO UNDERTAKE THEIR DESIGN ACTIVITY.</p> <p>P PRODUCT - RESPONSIBLE FOR DETAILED/PRODUCTION DESIGN THAT IS BASED ON THE DESIGN PRODUCED BY OTHERS (CDP).</p>	Client/Clients retained team: ?	Consultant 01	Consultant 02	Consultant 03	Consultant 04	Consultant 05	Consultant 06	Contractor: ?	Design Subcontractor - Substructure: ?	Design Subcontractor - Superstructure: ?	Design Subcontractor - Façade: ?	Design Subcontractor - Catering: ?	MEPh: ?	Design Subcontractor - Lifts: ?	Design Subcontractor - FF&E: ?	Design Subcontractor - :Demo ?	COMMENT
0.00 DISCIPLINES																	
0.01 Master planning																	
0.02 Architecture																	
0.03 Planning consultant																	
0.04 CDM C																	
0.05 Interior design and Spacial planning																	
0.06 Structural engineering																	
0.07 Civil engineering																	
0.08 Mechanical engineering																	
0.09 Electrical engineering																	
0.10 Public Health																	
0.11 Fire consultant																	
0.12 Acoustic consultant																	
0.13 DDA Access consultant																	
0.14 Sustainability consultant																	
0.15 Wind consultant																	
0.16 Landscape design																	
0.17 Ecology consultant																	
0.18 Party wall consultant																	
0.19 Rights of light consultant																	
0.20 Catering consultant																	
0.21 Signage and wayfinding consultant																	
0.22 FF&E consultant																	
OTHER																	
1.00 DESIGN PARAMETERS																	
1.01 Main Contract																	
1.02 Briefing documents																	
1.03 Programme - Design (to meet procurement, manufacture & construction programmes)																	
1.05 Programme - Procurement & Construction																	
1.04 Traffic Management, Vehicle tracking, circulation and access																	
1.06 Cleaning & Maintenance Access Strategy for mobile solution																	
1.07 Cleaning & Maintenance Access Strategy for fixed installation solution																	
1.08 Catering Strategy																	
1.09 Waste & Recycling Strategy																	
1.10 Secured By Design submission & compliance																	
1.11 Sustainability / BREEAM																	
1.12 Other Standards (Building Bulletins for Schools, Sport England, etc)																	
1.13 Insurance																	
1.14 Design Life																	
1.15 Floor Areas / Key Dimensions																	
1.16 Structural Design Loads / Deflections																	
1.17 Movement Tolerances																	
1.18 Client/Stakeholder Sign Off																	
OTHER																	
2.00 LEGAL & STATUTORY COMPLIANCE																	
2.01 CDM Regulations/ Health and Safety																	

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2.02	Compliance with the Workplace Health, Safety & Welfare Regulations																
2.03	Planning / Listed Building Permissions & Conditions / S106																
2.04	Third Parties - CABE, EN, EH, EA, etc																
2.05	Party Wall																
2.06	Wayleaves, rights of access, rights of light, easements																
2.07	Highways / S278																
2.08	Waterways																
2.09	Railways																
2.10	Underground (tube train)																
2.11	Building Regs.																
2.12	Fire / Part B																
2.12.1	Fire Strategy systems																
2.12.2	Fire Strategy compartmentation & ratings & materials																
2.12.3	Fire Tender Access																
2.12.4	Fire Escape (routes & capacities)																
2.12.5	Fire Protection of materials																
2.12.6	Fire Signage																
2.13	Acoustics / Part E and complinace testing																
2.14	DDA / Part M and compliance reporting																
2.15	Energy / Part L and compliance reporting																
	OTHER																
3.00	SITE SURVEYS & REPORTS																
4.01	Existing Structures survey																
4.02	Dilapidations survey - site, buildings, services.																
4.03	Asbestos survey (types 1, 2, & 3) & Reporting																
4.04	Location of existing services																
4.05	UXO																
4.06	Topographical survey																
4.07	Geotechnical & Contaminated Land survey & Remediation strategy																
4.08	Environment & Ecology and site remediation																
4.09	Flood Risk Analysis & Reporting																
4.10	Archaeology, desk top study, site investigation, reporting																
4.11	Environmental (Acoustic / Flood Risk / Air Quality)																
4.12	Neighbours, Boundaries and Easements / Site Ownership (Deeds) / Vibration assessment																
	OTHER																
4.00	PRIMARY DESIGN INFORMATION																
4.01	GA Site Plan																
4.02	Building & Grid Setting Out Plans																
4.03	Building and boundary levels																
4.04	Demolition drawings																
4.05	GA Plan drawings																
4.06	GA Elevation drawings																
4.07	GA Section drawings																
4.08	Room Data sheets																
4.09	Specification writing																
4.10	Stage Reports to RIBA stages B to E																
	OTHER																

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5.00 GROUND / DRAINAGE WORKS																	
5.01	Demolition																
5.02	Earthworks and site clearance																
5.03	Upholding existing services design requirements																
5.04	Service Diversions																
5.05	Setting out & levels to all external works & landscape																
5.06	Setting Out Levels, Falls, Gullies																
5.07	Site formation and sub base																
5.08	Cut & Fill/Excavation/Back Fill																
5.09	Rock head contours and below ground obstructions																
5.10	Re-use of excavated materials																
5.11	Sports pitch drainage																
5.12	SUDS / Land drainage requirements (capacities) and proposals including soakaways																
5.13	Rainwater Harvesting / Greywater recycling																
5.14	Balancing/attenuation tanks/interceptors; out fall design/sewer connection																
5.15	External & below ground foul/surface water drainage from first manhole outside building foot print																
5.16	Below ground foul/sw drainage from lowest floor slab to first manhole outside building footprint																
5.17	Suspended drainage in basement areas upto first manhole outside building footprint																
5.18	Manholes, inspection chambers, access points rodding eyes																
5.19	Pipe specification, pipe bedding																
5.20	Underground headings																
5.21	Drainage to tree pits, soft landscape																
5.22	Surface water drainage gullies, channels																
	OTHER																
6.00 FOUNDATIONS / SUBSTRUCTURES																	
6.01	Pile / Sheet / Contig / Secant Piling																
6.02	Pile Caps/Ground Beams																
6.03	RC Details, Bar schedules																
6.04	Setting out coordinates & levels to all foundations/substructures																
6.05	Dead & imposed loads																
6.06	Ground floor slabs & Suspended floor slabs																
6.07	Lift/escalator/plant/equipment pits construction																
6.08	BWIC for Substructures & water proofing of																
6.09	Heave protection																
6.10	Permanent retaining walls																
6.11	Proprietary retaining walls																
6.12	Underslab thermal insulation																
6.13	Waterproofing below ground slabs/structures																
6.14	Water retaining structures: Moat/water feature																
6.15	Ground anchors/Rock Anchors																
6.16	Service trenches, slots, pits, holes																
6.17	Gas protection membranes/venting																
6.18	Borehole Geothermal																
6.19	Plinths and Bases for Construction Plant																
6.20	Bases / services for site set-up, huts etc																
	OTHER																
7.00 SUPERSTRUCTURE																	

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7.01 Existing retained structures																	
7.02 Part demolition of and building against existing retained structures																	
7.03 Façade retention																	
7.04 Primary steel frame																	
7.05 Roof structure																	
7.06 Steelwork connections design																	
7.07 Fabricated secondary steelwork																	
7.08 Proprietary steelwork systems																	
7.09 Glulam Timber Structures																	
7.10 Glulam Timber Structures: connection and structural interface design																	
7.11 Holding down bolts, grouting, shims, packing, base plates																	
7.12 Insitu RC Frame																	
7.13 Insitu RC walls, cores, etc																	
7.14 PC Frame																	
7.15 RC Details, Bar schedules																	
7.16 Façade Support Bracketry Implications on Overall Structure																	
7.17 Cast in elements, components, fixings																	
7.18 Cast in Conduits, Pipes & Sleeves																	
7.19 Metal deck & concrete floor slabs																	
7.20 PC Floor planks																	
7.21 PT Floor Slabs																	
7.22 Proprietary structural systems eg BiSteel system, Kerkstoel systems																	
7.23 Underslab thermal insulation to suspended slabs																	
7.24 Floor pit Service trenches, slots, pits, holes																	
7.25 Permanent Lifting Beams																	
7.26 Access ways/gantries, ladders, maintenance access stairs/steps																	
7.27 Handrails supports, balustrades, barriers																	
7.28 Fire Protection to elements of structure																	
7.29 Load bearing walls, brick/blocks, concrete																	
7.30 Insitu Lintels																	
7.31 Structural design of non load bearing masonry walls																	
7.32 Stability of masonry walls, ties, wind posts, restraints																	
7.33 Proprietary masonry support and restraint systems																	
7.34 Movement joints to structural elements, including jointing components, systems and fillers																	
7.35 Protective coating to steelwork/metal work - Corrosion protection																	
7.36 Decorative applications to steelwork/metalwork																	
7.37 Crowd loading requirements to walls/barriers																	
7.38 Secondary support for plant and equipment																	
7.39 Service ducts/risers - size and location and configuration																	
7.40 Service ducts/risers, means of save access for maintenance, fire compartment/stopping																	
7.41 Stair cases - Pre Cast																	
7.42 Stair cases - Insitu																	
7.43 Stair cases - Steel																	
7.44 Stair cases - Feature																	
7.45 Pre Cast Terrace Units																	
7.46 Timber structures - primary design																	
7.47 Timber structures - secondary design																	

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7.48	Timber structures - prefabricated frames, trusses etc																		
7.49	Floor Pit Chambers, Trenches, Recesses																		
7.50	Anticipated Structural Movement																		
7.51	Loadings: Dead, Imposed Wind & Snow																		
7.52	Structural Screeds																		
7.53	Builderswork Holes greater than 150mm																		
7.54	Builderswork Holes less than 150mm																		
	OTHER																		
8.00 HIGHWAYS / S278 (off plot)																			
8.01	New Road / Pavement Setting Out (inc. all traffic / pedestrian management systems)																		
8.02	Modifications to Road / Pavement Setting Out (inc. all traffic / pedestrian management systems)																		
8.03	Highways interface with site																		
8.04	Overall Services Coordination																		
8.05	Coordination of Diversions (With Old & New Services)																		
8.06	Road SW Drainage Design																		
8.07	Road Lighting Design																		
8.08	Road signs																		
8.09	Road markings																		
8.10	Handrails, guardrails, barriers																		
8.11	Soft Landscaping																		
8.12	Street furniture																		
8.13	Planned maintenance strategy																		
	OTHER																		
9.00 ROOFING, CLADDING, GLAZING/CURTAIN WALLING, EXTERNAL WALLING																			
9.01	Design Loading Live & Imposed, Wind loading, deflection, movement & tolerance design criteria																		
9.02	Design criteria - thermal, acoustic, fire, weather resistance																		
9.03	Rainwater capacities for roof gutters, outfalls and down pipes - design criteria																		
9.04	Roof gutters, outfalls and down pipes																		
9.05	Thermal & acoustic insulation																		
9.06	Fire barriers in cladding cavities, to façade constructions																		
9.07	Acoustic barriers in cladding cavities, to façade constructions																		
9.08	Louvres, grilles, including plant screens and enclosures																		
9.09	Access hatches, means of access for maintenance, mansafe systems, cleaning access equipment																		
9.10	Access routes for cleaning & maintenance																		
9.11	Support systems for external mounted plant and equipment																		
9.12	External masonry walls/cavity wall construction																		
9.13	External masonry walls/cavity wall construction - movement joints																		
9.14	External masonry walls/cavity wall construction - damp proof course/cavity trays																		
9.15	External masonry walls/cavity wall construction - structural design, wind posts, restraint																		
9.16	External masonry walls/cavity wall construction - proprietary system wind posts, restraint systems																		
9.17	External masonry walls/cavity wall construction - lintels/brickwork support systems																		
9.18	External masonry walls/cavity wall construction - render systems																		
9.19	Roof cladding systems - standing seam																		
9.20	Metal wall cladding systems, including doors, louvres integral to the cladding																		
9.21	External doors, shutters, ironmongery																		
9.22	Door thresholds, weathers bars, ramped/level access/drainage																		
9.23	Secondary support for external doors/shutters																		

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9.24 Metal feature cladding system																	
9.25 Brise Soleil																	
9.26 Glazing, windows and curtain walling systems, including entrance doors and screen																	
9.27 Overhead door heaters																	
9.28 Glazed atria roof, roof lights																	
9.29 Glazing, windows and curtain walling, door systems - ironmongery																	
9.30 Entrance canopies																	
9.31 Revolving Doors																	
9.32 Flat roof coverings/membrane systems																	
9.33 Setting out, coordination dimensions for all external envelope constructions																	
9.34 Fabricated secondary steelwork/support work for external envelope constructions																	
9.35 Proprietary secondary steelwork/support work for external envelope constructions																	
9.36 Fixing systems for external envelope systems																	
9.37 Structural Framing Systems (SFS)																	
9.38 SFS - applied external finishes, boarded systems, render systems, rain screen																	
9.39 Architectural Metalwork to façade and/or roof																	
9.40 Anti roost / Bird protection																	
9.41 Cleaning and Maintenance requirements for external envelope systems, constructions, materials																	
9.42 Air Leakage & Water Penetration Testing																	
9.43 Window & Ironmongery Schedule (inc. elemental glass type per breakdown)																	
9.44 Opening through roof/wall cladding greater than 600mm diameter																	
9.45 Opening through roof/wall cladding less than 600mm diameter																	
OTHER																	
10.00 SERV.: GENERAL																	
10.01 Mechanical, Electrical & Public Health Design - Performance & Detailed Design Services																	
10.02 Mechanical, Electrical & Public Health Design -Production & Installation Design																	
10.03 Ensure compatibility with existing services																	
10.04 Technical interfaces with existing services																	
10.05 MEP Plant and equipment selection and schedules																	
10.06 Standby Power Supply / Generator Installations																	
10.07 Metering, sub metering / zone metering																	
10.08 Leak protection / linked to the BMS																	
10.09 Heat Loss calculations/Part L compliance modelling																	
10.10 Service entry points, associated builders work																	
10.11 Acoustic design and treatment in relation to building services (MEP) installations																	
10.12 Vibration design and treatment in relation to building services (MEP) installations																	
10.13 Thermal insulation and treatments in relation to building services (MEP) installations																	
10.14 Sustainability options																	
10.15 Biomass boilers																	
10.16 Photovoltaics																	
10.17 Solar water heating																	
10.18 Wind turbines																	
10.19 Heat reclaiming / exchangers																	
10.20 Ground source heat pumps																	
10.21 Other																	
10.22 Overall Services Coordination (Int. & Ext.)																	
10.23 Coordination of Diversions (With Old & New Services)																	

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10.24	Spatial coordination of services to voids and in risers.																
10.25	RCP Coordination																
10.26	Services to be Removed (existing building)																
10.27	BMS / HVAC controls																
10.28	Plant Room / Switch Room Location, Layout, Size & Section																
10.29	Plinths, Bases and bund walls for Plant																
10.30	Leak protection / linked to the BMS																
10.31	Core Area Plans																
10.32	Riser Location, Layout, Size & Section																
10.33	BWIC with all Services, schedules and drawings																
10.34	Acoustic Treatment of Openings																
10.35	Fire stopping requirements around ducts and cables																
10.36	Fire dampers in services through fire compartmentation (inc. requirement for letter box construction)																
10.37	Support Details for all Services, secondary steel and concrete																
10.38	Support for equipment in fittings to ceilings to be identified																
10.39	Support for equipment in fittings to walls to be identified																
10.40	NES Specifications for E,M & PH																
10.41	Lifts / Escalators Specification																
10.42	Truck Lift / Dock Leveller / Platform Lift Specification																
10.43	Refuse Compactor Specification																
10.44	Schedule and Design of Puddle Flanges																
10.45	Commissioning																
	OTHER - EMC Reports and recommendations																
	OTHER - Energy Rating Efficiency Certificate																
	OTHER - Building control submissions and approvals																
	OTHER - BREEAM Assessment																
11.00	SERV.: MECH.																
11.01	Acoustic (all engineering services)																
11.02	Air supply and extract installations																
11.03	Air Conditioning - local plant / central plant, humidification																
11.04	Comfort Cooling - fan coil, chilled beam, chilled ceiling																
11.05	Refridgeration plant																
11.06	Automatic Controls - BMS and EMS																
11.07	Compressed Air																
11.08	Cooling Water Installations																
11.09	Cold Water Systems (domestic)																
11.10	Diagrams, e.g. Motor Control Centres																
11.11	Exhaust Gas Treatment and Flues																
11.12	Fuel Oil Storage and Distribution																
11.13	Gas Distribution																
11.14	Specialist gases.																
11.15	Heating Systems Including Boilers																
11.16	Hot Water Systems (domestic)																
11.17	Humidity Control																
11.18	Mechanical Services to Window Cleaning Equipment																
11.19	Mechanical Services to Kitchen and Café Equipment																

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11.20	Mechanical Services to Vending Equ.																
11.21	Mechanical Ventilation systems (inc. Basement car parks)																
11.22	Natural Ventilation (inc. basement car parks)																
11.23	Pneumatic Systems																
11.24	Potable Water Systems																
11.25	External water supplies																
11.26	Refrigeration and Cold Store Installations																
11.27	Schedule of Automatic Controls																
11.28	Schedules, e.g. Boilers & Pumps																
11.29	Steam and Condensate																
11.30	Vibration Control (engineering services)																
11.31	Above Ground Drainage - Waste & Foul (capacities and routing)																
11.32	Recycled Water Retention System																
11.33	Water Treatment and Filtration Systems																
11.34	Rainwater Systems & Calculations - RWO & Gutters																
	OTHER																
12.00	SERV.: FIRE ENGINEERING																
12.01	External Hydrants																
12.02	Fire Telephone and Radio Systems																
12.03	Fire Detection and Alarm Systems																
12.04	Gaseous Fire Extinguishing Systems																
12.05	Hose Reels, Wet and Dry Risers																
12.06	Mechanical smoke extract																
12.07	Smoke Control Reservoirs and Circulation																
12.08	Smoke Ventilation Systems																
12.09	Sprinkler System / Sprinkler tank																
12.10	Staircase Pressurisation / pressurisation system																
	OTHER																
13.00	SERV.: ELEC.																
13.01	Access Control Systems / Intercom																
13.02	ICT server / hub / booster capacity and requirements																
13.02	Cable Containment for:																
13.03	Data and ICT Systems																
13.04	Public Address and Voice Evacuation																
13.05	Radio, TV and Entertainment Systems																
13.06	Security - CCTV																
13.07	Security - Intruder Detection and Alarm																
13.08	Telephone Systems																
13.09	Internal Telephone systems																
13.10	Clock Installations																
13.11	Diagrams, e.g. Schematic (Distribution)																
13.12	Earthing and Bonding																
13.13	Electrical Generation Plant																
13.14	Electrical Intake & Transformer Details (EDF)																
13.15	Electrical Substations and Switchgear																
13.16	Energy Metering and Monitoring Systems																
13.17	High Voltage Switchgear and Distribution																

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13.18	Induction Loop (building)																	
13.19	Low Voltage Switchgear and Distribution																	
13.20	Lighting Circuits and Controls																	
13.21	Internal Lighting																	
13.22	Emergency and Escape Lighting																	
13.23	External Lighting and Security Lighting																	
13.24	External Building Feature Lighting																	
13.25	Internal Display and Feature Lighting and Signage																	
13.26	Sport Pitch and MUGA Floodlights																	
13.27	Street Lighting																	
13.28	Lightning Protection Systems																	
13.29	Power Circuits and Controls																	
13.30	Disabled Refuge Alarm																	
13.31	Disabled Toilet Alarm																	
13.32	External Small Power																	
13.33	Internal Small Power																	
13.34	Lifts, Escalators and Travelators																	
13.35	Truck Lift / Dock Leveller / Platform Lift																	
13.36	Traffic Control Equipment																	
13.37	Mechanical Equipment and Control Panels																	
13.38	Power and Containment for Mechanical & Public Health Systems																	
13.39	Incinerators, Compactors and Refuse Collection Systems (i.e. chutes)																	
13.40	Information Screens																	
13.41	Kitchen and Cafeteria Equipment																	
13.42	Power operated Blinds, Louvers and Shutters																	
13.43	Vending Equipment																	
13.44	Window Cleaning Equipment																	
13.45	Uninterruptible Power Supplies																	
	OTHER - Assessment after diversity maximum service capacity																	
14.00	UTILITIES (co-ord and management of)																	
14.01	Electricity Supply (Establish capacity requirements and infrastructure availability with Utility Company).																	
14.02	Electricity Diversion																	
14.03	Water Supply (Establish capacity requirements and infrastructure availability with Utility Company).																	
14.04	Water Diversion																	
14.05	Drainage Connection (Establish capacity requirements and infrastructure availability with Utility Company).																	
14.06	Drainage Diversion																	
14.07	Gas Supply (Establish capacity requirements and infrastructure availability with Utility Company).																	
14.08	Gas Diversion																	
14.09	Telecom Connection (Establish capacity requirements and infrastructure availability with Utility Company).																	
14.10	Telecom Diversion																	
14.11	Requirements for Draw-pits, Man holes, and other access to external services including covers.																	

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14.12	Street Lighting New																
14.13	Street Lighting Diversion																
	OTHER																
15.00	OTHER SERVICES AND SYSTEMS																
15.01	Laundry Equipment																
15.02	Medical Gas and Vacuum Services																
15.03	Swimming Pool Water Treatment																
15.04	Water storage																
15.05	Calorifier Plant																
15.06	Trace heating																
15.07	Water treatment, filtration and sterilisation																
	OTHER																
16.00	INTERNAL DETAILS / FINISHES																
16.01	Room GA's / Flat types																
16.02	Core Plans (Vertical Circulation, WC's etc)																
16.03	Ceilings - drylining																
16.04	Ceilings - proprietary suspended																
16.05	Ceilings - other suspended																
16.06	Dryline partitions																
16.07	Fabricated glazed partitions / timber screens																
16.08	Proprietary system partitions, including glazed partitions																
16.09	Sliding folding partitions, associated ceiling / floor tracks																
16.10	Structural support for sliding folding partitions, roller shutters, etc																
16.11	Blockwork / masonry partitions																
16.12	Dry lining to walls																
16.13	Service riser enclosures																
16.14	Vertical transport strategy, lift/escalator capacity, performance criteria																
16.15	Lift shaft enclosures and lift shaft secondary steelwork																
16.16	Goods lifts																
16.17	Hoists/dumb waiters																
16.18	Escalators																
16.19	Escalator pits and associated builderswork.																
16.20	Lift/Landing Door Frontage builderswork and secondary support																
16.21	Lift Entrance architraves																
16.22	Lift car finishes and fittings																
16.23	Lift Shaft builders work secondary steelwork																
16.24	Lift pit ladders, props etc																
16.25	Lift landing thresholds and drainage (Fire Fighting Lifts)																
16.26	Lift pit drainage, sump, waterproofing																
16.27	Lift shaft dividing steel/screens																
16.28	Lift shaft lifting beams																
16.29	Fire fighting lifts/Fire fighting shafts/lobbies																
16.30	Plant room enclosures																
16.31	Plaster / Render																
16.32	Joinery - skirting, architraves, sill boards, trim, etc																
16.33	Doors and Ironmongery																
16.34	Internal Glazed Screen / Atrium walls																

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16.35	Stair and atria balustrading / handrails / guarding.																
16.36	Stair nosing and trims																
16.37	Non-Structural Screed & Toppings																
16.38	Matwell																
16.39	Raised Flooring																
16.40	Raised Access Flooring																
16.41	Ceramic Tiling																
16.42	Soft Flooring																
16.43	Wood Flooring																
16.44	Stone Flooring / linings																
16.45	Floating Floors (Acoustic to Part E)																
16.46	Bathroom Pods (full fitted and finished)																
16.47	Kitchen Plans and details																
16.48	Decorations																
16.49	Door schedule																
16.50	Ironmongery schedule & Suiting																
16.51	Internal roller shutters																
16.52	Architectural Metalwork																
16.53	Fire barriers in ceiling voids and roof spaces																
16.54	Fire barriers in raised floor cavity																
16.55	Fire Stopping requirements between adjoining elements of construction																
16.56	Fire Shutters/Fire Curtains																
16.57	Acoustic requirements between adjoining elements of construction																
16.58	Movement joints to floor, wall & ceiling finishes																
16.59	Surface treatment / anti dust hardener to floor surfaces																
16.60	Surface treatment / anti dust hardener to wall surfaces																
16.61	Finishes schedule																
	OTHER																
17.00	FIXTURES & FITTINGS																
17.01	Educational FF&E - Fixed items																
17.02	Educational FF&E - loose furniture & items																
17.03	Mechanical and Electrical supplies to FF&E																
17.04	Lighting fittings, choice of and technical evaluation																
17.05	Schedules, e.g. Lighting Fittings																
17.06	Canteen Serveries / Kitchen Fittings																
17.07	Lab Benches																
17.08	Loose Equipment																
17.09	Cupboards																
17.10	Shelving																
17.11	Storage Racks																
17.12	Work Stations																
17.13	Worktops																
17.14	ICT loose equipment - PC's, telephones, printers, servers etc																
17.15	ICT fixed equipment																
17.16	Notice boards/display boards																
17.17	Mirrors																
17.18	Hat/Coat Hooks, Cloak room fittings																

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17.19	Locker room lockers, benches & fittings																
17.20	Joinery - bespoke fittings																
17.21	Joinery - Reception Desks and Counters																
17.22	Toilet Cubicles / IPS systems																
17.23	Toilet hand dryers																
17.24	Vanity units, worktops, shelves																
17.25	Toilet Roll Holders and Towel dispensers																
17.26	Sanitary ware schedule																
17.27	Window blinds - internal/external, brise soleil etc																
17.28	Statutory Signage																
17.29	Illuminated Signage and Way finding																
17.30	Non-Illuminated Signage and Way finding																
17.31	Hand held Fire Extinguishers, Fire Blankets etc																
	OTHER																
18.00	LANDSCAPE / EXTERNAL WORKS																
18.01	Site Plan + External Works Details (on plot)																
18.02	Site formation																
18.03	Retaining Wall Details, Schedule & Drawings																
18.04	Boundary walls, fences, gates																
18.05	Automatic opening gates and release systems																
18.06	Car parking areas																
18.07	Access and Ticket systems																
18.08	Sub-bases and civils																
18.09	Street furniture/Park Furniture - seats/benches/waste bins/way finding/bollards/cycle stands																
18.10	Fencing & Bollards																
18.11	Hard landscape/paved surfaces - surface treatments																
18.12	Hard landscape/paved surfaces - sub base and civils																
18.13	Hard Landscape - sports surfaces - MUGA																
18.14	Soft Landscaping - new planting, trees, shrubs, grass																
18.15	Soft Landscaping - existing removal, maintenance, alteration, retention																
18.16	Internal Landscape																
18.17	Statutory Signage																
18.18	Illuminated Signage and Way finding																
18.19	Non-Illuminated Signage and Way finding																
18.20	Tracking Studies (on plot)																
18.21	Roads & Paving layout + Detail (on plot)																
18.22	External Handrails, guardrails/barriers																
18.23	Vehicle Barriers																
18.24	Induction Loop to automatic openable gates																
18.25	Traffic Coatings																
18.26	Road markings to car park, highways markings, basement car parking																
18.27	Internal Planting																
18.28	Public Art																
18.29	Planned maintenance strategy																
	OTHER																