

MATERIAL KEY - MARKET TOWER

MARKET TOWER - External Envelope

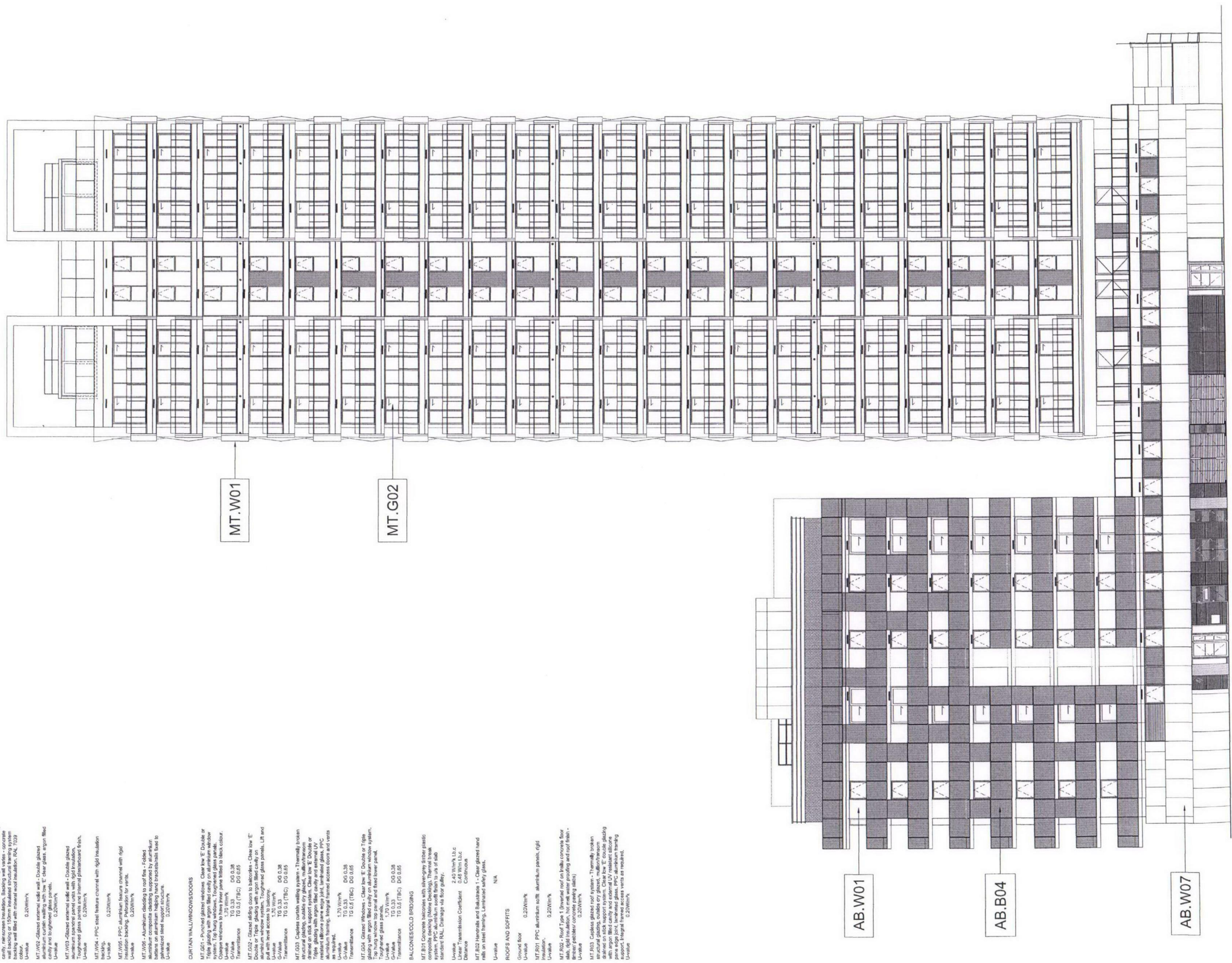
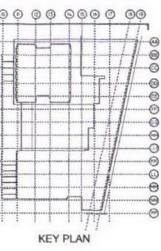
WALLS	
MT.W01 - Aluminium rainscreen cladding - Filled by aluminium battens on aluminium hanging hand brackets/rails, rainscreen cavity, rainscreen insulation and 150mm insulated structural framing system backing wall filled with mineral wool insulation. U-value 0.20W/m ² K	
MT.W02 - Glazed external wall - Double glazed aluminium curtain walling with low 'E' clear glass, argon filled cavity and toughened glass panels. U-value 1.70 W/m ² K	
MT.W03 - Glazed external wall - Double glazed aluminium transoms panel units with argon filled cavity, rainscreen insulation and 150mm insulated structural framing system backing wall filled with mineral wool insulation. U-value 0.20W/m ² K	
MT.W04 - PPC steel feature channel with rigid insulation backing. U-value 0.20W/m ² K	
MT.W05 - PPC aluminium feature channel with rigid insulation backing. U-value 0.20W/m ² K	
MT.W06 - Panelised aluminium composite rainscreen cladding supported by aluminium battens on aluminium hanging hand brackets/rails, rainscreen cavity, rainscreen insulation and 150mm insulated structural framing system backing wall filled with mineral wool insulation. U-value 0.20W/m ² K	
MT.W07 - Rainscreen stone cladding - 20mm Basalt stone panels individually supported by aluminium battens on adjustable aluminium hanging hand brackets/rails, rainscreen cavity, rainscreen insulation and 150mm insulated structural framing system backing wall filled with mineral wool insulation. U-value 0.20W/m ² K	

CURTAIN WALL WINDOWS/DOORS

MT.G01 - Punched glazed windows - Clear low 'E' Double or Triple glazed with argon filled cavity on aluminium window system. Top hung window top panel and fixed lower panel. U-value 1.70 W/m ² K	
MT.G02 - Glazed sliding doors to balconies - Clear low 'E' Double or Triple glazed with argon filled cavity on aluminium window system. U-value 1.70 W/m ² K	
MT.G03 - Curved curtain walling system - Thermally broken aluminium transoms panel units with argon filled cavity, rainscreen insulation and 150mm insulated structural framing system backing wall filled with mineral wool insulation. U-value 0.20W/m ² K	
MT.G04 - Glazed external wall - Double glazed aluminium transoms panel units with argon filled cavity, rainscreen insulation and 150mm insulated structural framing system backing wall filled with mineral wool insulation. U-value 0.20W/m ² K	
MT.G05 - Glazed external wall - Double glazed aluminium transoms panel units with argon filled cavity, rainscreen insulation and 150mm insulated structural framing system backing wall filled with mineral wool insulation. U-value 0.20W/m ² K	
MT.G06 - Glazed external wall - Double glazed aluminium transoms panel units with argon filled cavity, rainscreen insulation and 150mm insulated structural framing system backing wall filled with mineral wool insulation. U-value 0.20W/m ² K	
MT.G07 - Glazed external wall - Double glazed aluminium transoms panel units with argon filled cavity, rainscreen insulation and 150mm insulated structural framing system backing wall filled with mineral wool insulation. U-value 0.20W/m ² K	
MT.G08 - Glazed external wall - Double glazed aluminium transoms panel units with argon filled cavity, rainscreen insulation and 150mm insulated structural framing system backing wall filled with mineral wool insulation. U-value 0.20W/m ² K	
MT.G09 - Glazed external wall - Double glazed aluminium transoms panel units with argon filled cavity, rainscreen insulation and 150mm insulated structural framing system backing wall filled with mineral wool insulation. U-value 0.20W/m ² K	
MT.G10 - Glazed external wall - Double glazed aluminium transoms panel units with argon filled cavity, rainscreen insulation and 150mm insulated structural framing system backing wall filled with mineral wool insulation. U-value 0.20W/m ² K	

BALCONIES/COLD BRIDGING

AB.B01 - Continuous steel bolt on balconies with timber decking. PPC finish, neoprene thermal break pad. No drain. U-value 2.40 W/m ² K	
AB.B02 - Individual steel bolt on balconies with timber decking. PPC finish, neoprene thermal break pad. No drain. U-value 2.40 W/m ² K	
AB.B03 - Handrails and Balustrade 1 - Staggered clear glazed hand rails on steel framing. Laminated safety glass. U-value N/A	
AB.B04 - Handrails and Balustrade 2 - Staggered white fitted glazed hand rails on steel framing. Laminated safety glass. U-value N/A	
AB.F01 - Aluminium fins - PPC steel bolt on fins, clad in PPC perforated and profiled aluminium panels. Steel connections to be thermally broken. 23mm round holes in staggered pitch at 23mm h x 27mm v. U-value N/A	



MATERIAL KEY

AFFORDABLE FLATS - External Envelope

WALLS

AB.W01 - Double glazed spandrel panel window with opaque glazing in aluminium framing. Toughened glass panels and external plasterboard finish. U-value 0.20W/m ² K	
AB.W02 - Panelised aluminium cladding. Aluminium rainscreen panel, insulated aluminium composite unit with rigid insulation. Internal plasterboard finish. U-value 0.20W/m ² K	
AB.W03 - Terracotta rainscreen cladding - White Terracotta shingle the rainscreen cladding supported by aluminium battens on aluminium hanging hand brackets/rails, rainscreen cavity, rainscreen insulation and 150mm insulated structural framing system backing wall filled with mineral wool insulation. U-value 0.20W/m ² K	
AB.W04 - PPC steel feature channel with rigid insulation backing. U-value 0.20W/m ² K	
AB.W05 - PPC aluminium feature channel with rigid insulation backing. Integral perforations to accommodate whole house ventilation extract/extract vents. U-value 0.20W/m ² K	
AB.W06 - Panelised aluminium composite rainscreen cladding supported by aluminium battens on aluminium hanging hand brackets/rails, cavity, rainscreen insulation and concrete block wall backing. U-value 0.20W/m ² K	
AB.W07 - Rainscreen stone cladding - 20mm Basalt stone panels individually supported by aluminium battens on adjustable aluminium hanging hand brackets/rails, rainscreen cavity, rainscreen insulation and 150mm insulated structural framing system backing wall filled with mineral wool insulation. U-value 0.20W/m ² K	

WINDOWS/DOORS

AB.G01 Glazed Windows - Double or Triple glazing low 'E' clear glass with argon filled cavity on aluminium window system. Top hung window top panel and fixed lower panel. Toughened glass panels. U-value 1.70 W/m ² K	
AB.G02 Glazed sliding doors to balconies - Double or Triple glazing low 'E' clear glass with argon filled cavity on aluminium window system. Toughened glass panels. U-value 1.70 W/m ² K	
AB.G03 Curtain wall in corridor areas. Double or Triple glazing low 'E' clear glass with argon filled cavity on aluminium window system. Toughened glass panels. U-value 1.70 W/m ² K	
AB.G04 Curtain wall to play area. Double or Triple glazing low 'E' clear glass with argon filled cavity on aluminium window system. Toughened glass panels. U-value 1.70 W/m ² K	

BALCONIES/COLD BRIDGING

AB.B01 Continuous steel bolt on balconies with timber decking. PPC finish, neoprene thermal break pad. No drain. U-value 2.40 W/m ² K	
AB.B02 Individual steel bolt on balconies with timber decking. PPC finish, neoprene thermal break pad. No drain. U-value 2.40 W/m ² K	
AB.B03 Handrails and Balustrade 1 - Staggered clear glazed hand rails on steel framing. Laminated safety glass. U-value N/A	
AB.B04 Handrails and Balustrade 2 - Staggered white fitted glazed hand rails on steel framing. Laminated safety glass. U-value N/A	
AB.F01 Aluminium fins - PPC steel bolt on fins, clad in PPC perforated and profiled aluminium panels. Steel connections to be thermally broken. 23mm round holes in staggered pitch at 23mm h x 27mm v. U-value N/A	

ROOFS AND SOFFITS

AB.R01 Roof Type 1 - Inverted roof on insitu concrete floor slab, rigid insulation, hot melt water proofing and finish recycled rubber tiles. U-value 0.20W/m ² K	
AB.R02 Roof Type 2 - Play area roof terrace - Inverted roof on insitu concrete floor slab, rigid insulation, hot melt water proofing and finish recycled rubber tiles. U-value 0.20W/m ² K	

CANOPY/HANDRAILS

AB.C01 PPC Aluminium shading louvers to play area. U-value N/A	
AB.C02 Clamped glass balustrade to podium roof. Clear glass with steel clamp fixings. Laminated safety glass. U-value N/A	
AB.C03 Stainless steel mesh to terrace play area, fixed to wind borne support structure. U-value N/A	

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RETAIL PODIUM - External Envelope

WALLS

RT.W01 - Rainscreen stone cladding - 20mm Basalt stone panels individually supported by aluminium battens on adjustable aluminium hanging hand brackets/rails, rainscreen cavity, rainscreen insulation and 100mm block work backing wall. U-value 0.27W/m ² K	
RT.W02 - PPC aluminium ventilation louvers to plant room area. PPC aluminium louvers. U-value N/A	
RT.W03 - PPC aluminium screening louvers with blanking panel, 150mm insulated structural framing system backing wall filled with mineral wool insulation. U-value 0.27W/m ² K	
RT.W04 - PPC steel screening louvers with blanking panel in 70mm channel (pitch to provide min 50% free area). 150mm insulated structural framing system backing wall filled with rigid insulation. U-value 0.27W/m ² K	
RT.W05 - Stone cladding - 20mm Basalt stone panels fixed to concrete walls using proprietary stone support systems. U-value N/A	
RT.W06 - Panelised aluminium composite rainscreen cladding supported by aluminium battens on aluminium hanging hand brackets/rails, cavity, rainscreen insulation and concrete block work backing. U-value 0.20W/m ² K	

CURTAIN WALL WINDOWS/DOORS

RT.G01 - Clamped aluminium curtain wall to retail units - Thermally broken, pressure equalised, zone drained outside dry glazed stick system. Double glazed (Argon filled, laminated). PPC aluminium framing. Integral access doors and louvers as required. U-value 1.70 W/m ² K	
RT.G02 - Clamped aluminium curtain wall to residential and office entrance units - Thermally broken, pressure equalised, zone drained outside dry glazed stick system. Double glazed (Argon filled, laminated). PPC aluminium framing. Integral access doors and louvers as required. U-value 1.70 W/m ² K	
RT.G03 Automated steel bifolding door. Bespoke design. U-value N/A	
RT.G04 4 wing glazed revolving door with PPC aluminium framing. Tip glass drum. U-value 5.4W/m ² K	

ROOFS AND SOFFITS

Ground floor U-value 0.20W/m ² K	
RT.R01 - Roof Type 1 - Green roof terrace (Inverted roof on insitu concrete floor slab, rigid insulation, hot melt water proofing, drainage layer, growing medium, extensive planting). U-value 0.20W/m ² K	
RT.R02 - Roof Type 2 Typical roof terrace (Inverted roof on insitu concrete floor slab, rigid insulation, hot melt water proofing, drainage layer, pebbles stone paving slabs). U-value 0.20W/m ² K	

CANOPY/HANDRAILS

RT.C01 Glass canopy to ground floor entrances. Clear glass, structural silicone glazing with silicone joints on PPC steel frame supports. U-value N/A	
RT.C02 Glass canopy and wall to shaded walkway on podium terrace. Fitted glass, structural glazing with silicone joints on PPC steel frame supports. U-value N/A	
RT.C03 Clamped glass balustrade to podium. Clear glass with steel clamp fixings. U-value N/A	
RT.C04 Rooftop on podium. Double glazed unit with capless PPC aluminium framing, structural silicone bonding. Light emitting glazing. U-value 1.70 W/m ² K	

Ⓢ All doors to be Secure By Design compliant doors.
Ⓢ Dry river level cabinet 610mm wide x 700mm high with architrave and door to BS5041. Zone steel finish, RAL 3002(red), 6mm Georgian wired glass with PRV interlocking and Yale slam lock.

01 ELEVATION TAGS ADDED FOR PLANNING ISSUE	26.06.11	MM	AM
02 PLANNING ISSUE	10.06.11	MM	AM
03 PLANNING ISSUE	10.06.11	MM	AM

PLANNING



project
NEQ Regent's Place
London

drawing
MARKET TOWER
Drummond Street Elevation
North Elevation

Alt scale	A3 scale	drawn	checked	date
1:100	1:200	NYS	MM	AM
project no.	016	revision		
10120	PL(05)MT-001	01		

TATE HINDLE
ARCHITECTURE + DESIGN

1 Lindsay Street, Southfield, London EC1A 9AP T 020 7332 4850
m@tatehindle.co.uk www.tatehindle.co.uk F 020 7332 4888
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