



Bishopsgate

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SPECIFICATION

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## General

PLANNING GRID	1500mm
RAISED FLOOR ZONE	Levels 3 – 37: 150 mm
FLOOR-TO-CEILING HEIGHT	Levels 7 – 37: 2800 mm
MEANS OF ESCAPE RATIO	Levels 3 – 37: 1 person per 8 m <sup>2</sup> net area
TOILET PROVISION	Levels 7 – 19: 1 person per 8 m <sup>2</sup> net area at 60/60 male/female split Levels 20 – 37: 1 person per 10 m <sup>2</sup> net area at 60/60 male/female split

## Structural Provision

SUBSTRUCTURE	Foundations: Piled foundations Basement slab: Reinforced Concrete (RC) slab Retaining walls: Secant pile/RC structure
SUPERSTRUCTURE	Walls: RC walls located within cores Floors: 700 mm deep cellular secondary steel beams at 3.0 m centres supporting primarily 130 mm composite concrete slab on profiled metal decking Secondary beams are in turn supported on 500 mm / 700 mm deep primary beams connected directly to columns at 9m centres or concrete core walls 450 mm diameter holes through secondary beams allow for a combined structure and services zone
LOADING PROVISIONS	3.5 kN/m <sup>2</sup> office live load (+1.0 kN/m <sup>2</sup> for partitions), plus 10% office floor area at 7.5 kN/m <sup>2</sup> 1.0 kN/m <sup>2</sup> for suspended ceilings, services and raised floors 7.5 kN/m <sup>2</sup> live load for plant floors

## Mechanical & Electrical Services

PLANT	Plant is located predominantly in the designated tower and low-rise roof plant areas and the basement level. Space is allocated for occupier risers for fit-out flexibility.
OFFICE OCCUPANCY (INDOOR CLIMATE CENTRAL)	Levels 3 – 37: 1 person per 8 m <sup>2</sup> of net area Fan coil units within CAT A fit out areas

## Cooling Allowances

LIGHTING	10 W/m <sup>2</sup>
SMALL POWER	25 W/m <sup>2</sup>
ADDITIONAL SPARE CAPACITY (LEVELS 3-37)	10 W/m <sup>2</sup> (at riser branches)
OCCUPANTS	90W sensible / 40W latent

## Fresh Air Provision

LEVELS 3 – 37	1.5 litres / sec / m <sup>2</sup> (12 litres / sec / person @ 1 person per 8 m <sup>2</sup> )
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