

the socialpal

Technology
& Resilience

The Scalpel is designed with best-in-class technology. It is future ready, with changing occupier needs in mind.

Mobile Phone Enhancement and WIFI

Mobile Phone

An Opencell mobile enhancement system provides in-building mobile phone continuity of service in the common areas of the building, including main reception, common lift lobbies and cycle/shower facilities.

The system provides “plug in” capability so tenants can extend coverage into their premises as required at their own cost.

The Opencell system connects directly to the operator networks via a hard wired system, providing a resilient “cell” within the building, unaffected by external traffic or interruptions to the external cellular service.

Further information:

opencell.co.uk/technology/

opencell
you've got network

WIFI

High speed Wi-Fi is available throughout the building's common areas including main reception, common lift lobbies, passenger lift cars and cycle/shower facilities.

Telecoms and ICT

Current telecommunication providers within the Scalpel include BT Openreach, COLT and Vorboss, with connections at B1 and B2 POP rooms. Other major providers including Virgin and Level 3 have fibre infrastructure nearby and are able to provide service upon request through 'meet me' chambers on Leadenhall Street and Billiter Street.

The landlord has a standard wayleave agreement to streamline future installations for additional providers.

WiredScore Platinum

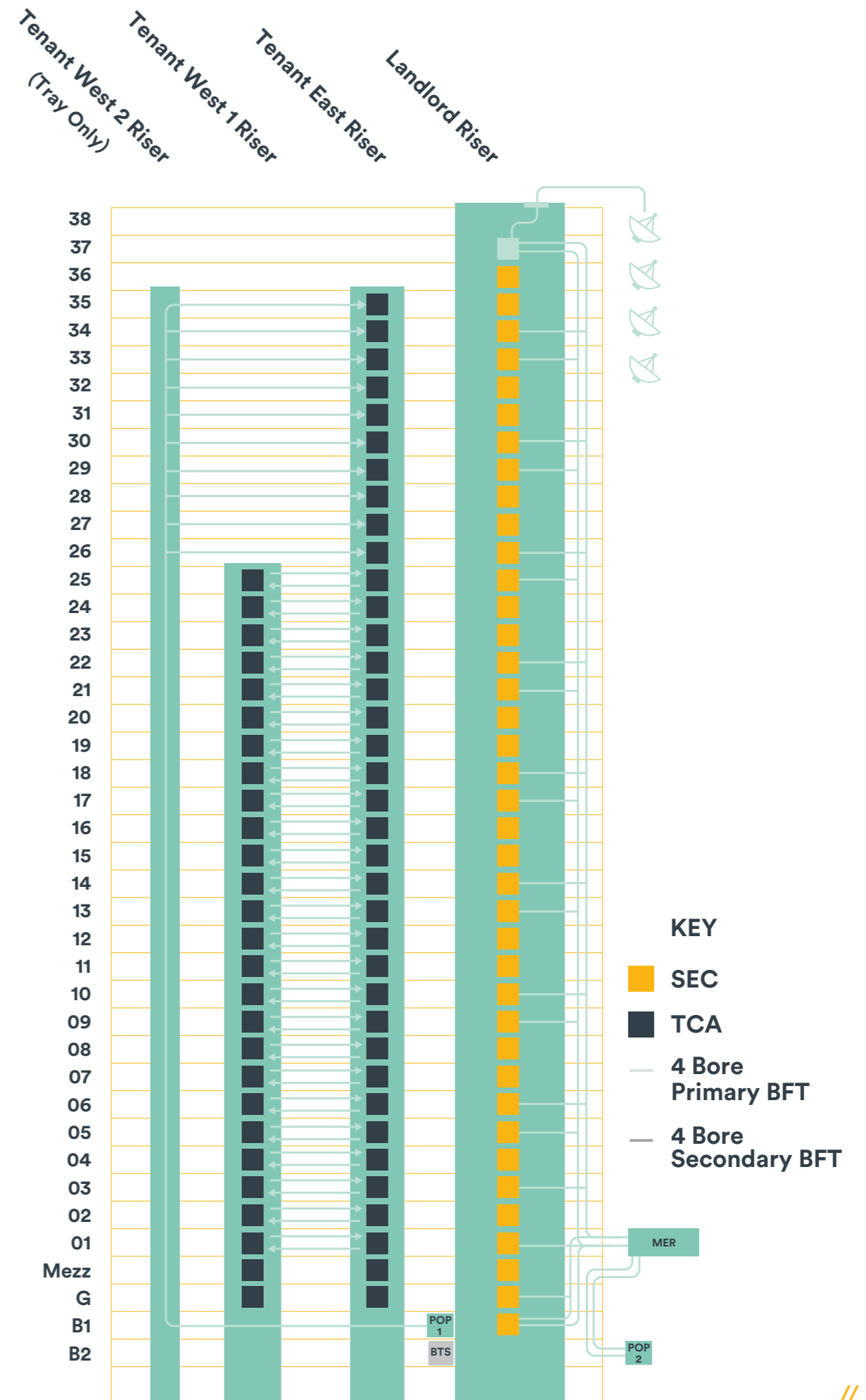
The Scalpel achieved a Wired Certified Platinum rating for Developments and Redevelopments; the best available.

For more information:
wiredscore.com/uk/



The building has a diversely routed blown fibre backbone to enable rapid deployment and resilient telecommunications and ICT pathways.

A copper backbone provides connectivity for copper based phone systems from MER & POP rooms in the basement.



Power Supplies

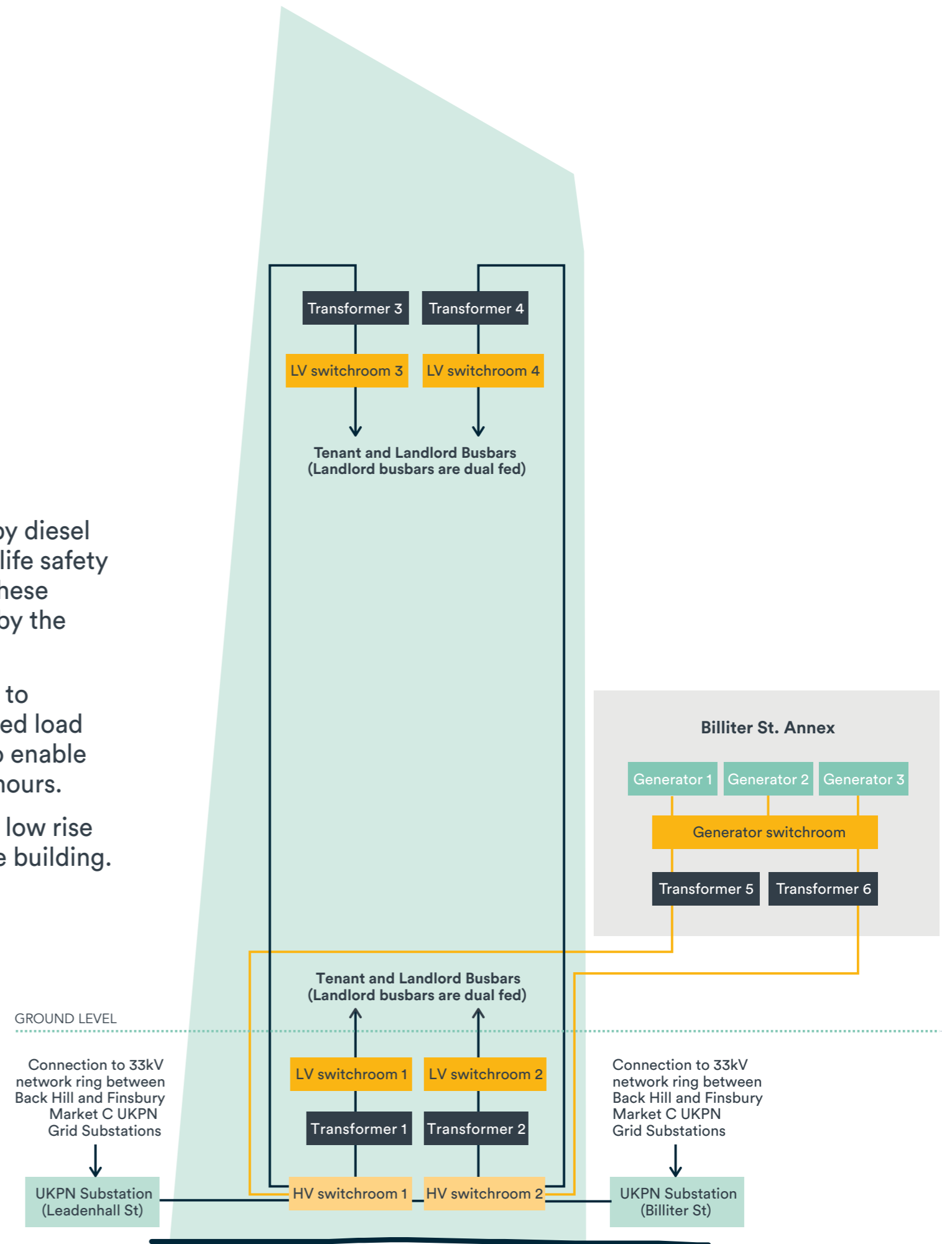
Power to the building is supplied by two 33kV independent UK Power Network (UKPN) substations located in the building, which are fed from a 33 kV ring from two UKPN Grid Substations (Back Hill and Finsbury Market). These incomers feed two main HV switchboards and can cross-feed to support the whole building on a single incomer.

There is a resilient control system to monitor all HV and LV switchboards.

In addition, three 2.2 MVA standby diesel generators are provided both for life safety and tenant business continuity. These will be operated and maintained by the landlord as a building service.

The standby generators are sized to support the building's full predicted load and with fuel storage sufficient to enable the generators to operate for 24 hours.

The generators are located in the low rise Billiter Street annex section of the building.

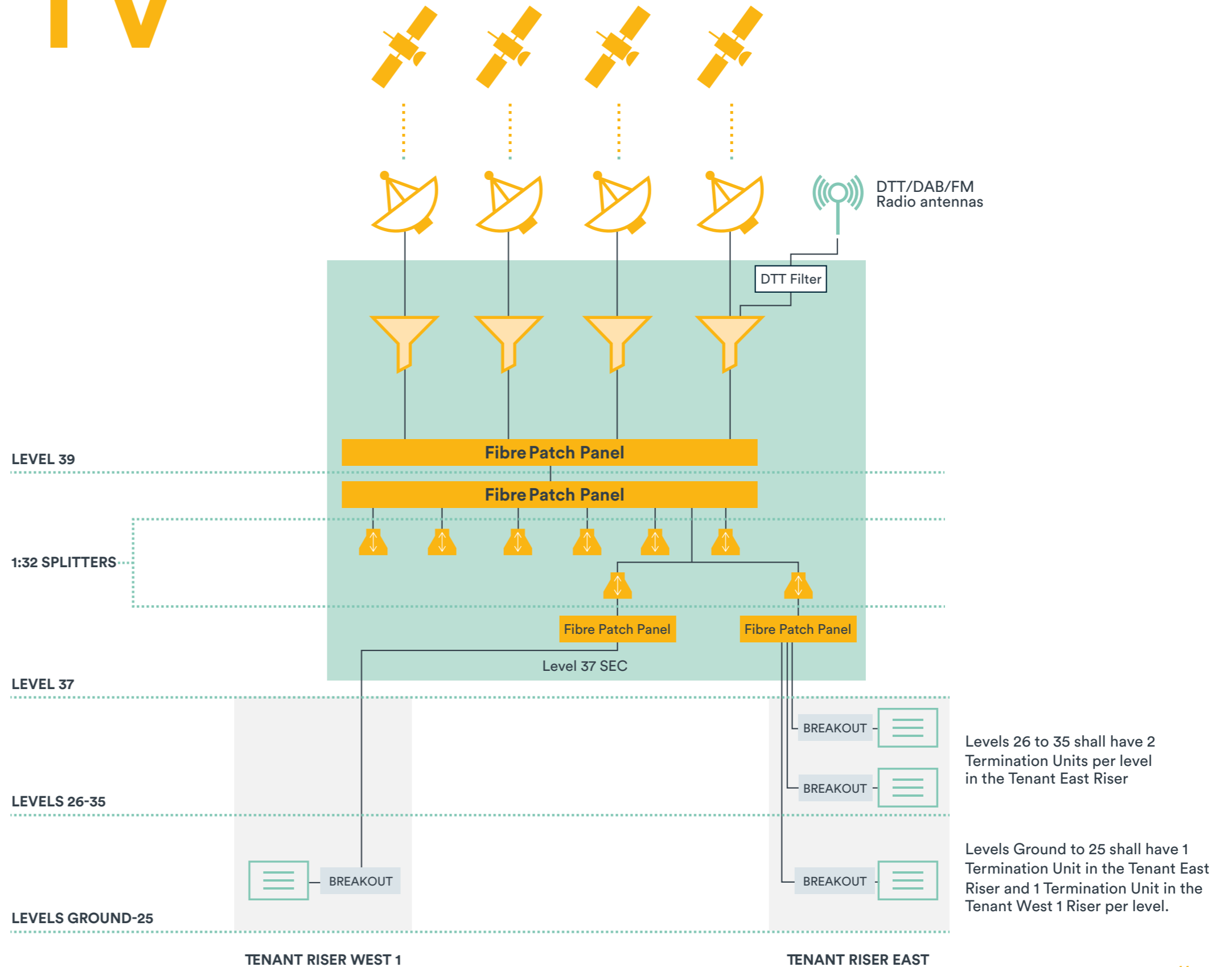


Satellite TV Systems

Dedicated fibre-optic network cabling distributes satellite and terrestrial TV services from the roof throughout the building via tenant risers.

Four satellite dishes provide satellite TV services and three antennas provide digital terrestrial TV, FM radio and digital audio broadcasting services.

Tenant connections can be made on request and supply costs settled with the service providers.



Communications Room Resilience

The building provides chilled water from four water-cooled chillers working in conjunction with four forced draft cooling towers. Supplementary cooling (for communications rooms etc.) is provided via 24/7 chilled water circuits providing a total building additional capacity of 350kW.

Tenant communications rooms and communications room plant benefit from the building's diverse power feeds and standby generator support, minimising the risk of power failure.

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