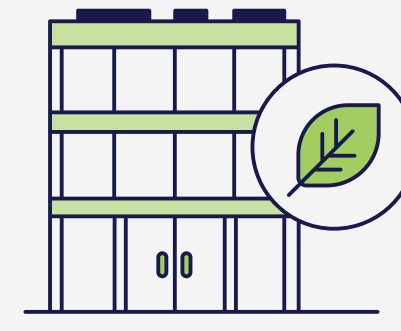THE CLARENDON WORKS

SUSTAINABILITY INDEX

SETTING STANDARDS

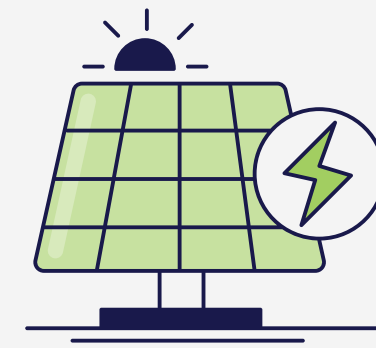48% less regulated carbon emissions compared to business as usual

21% less heating & cooling demand compared to a typical office

Saving 69 tonnes of carbon per year compared to a typical office building

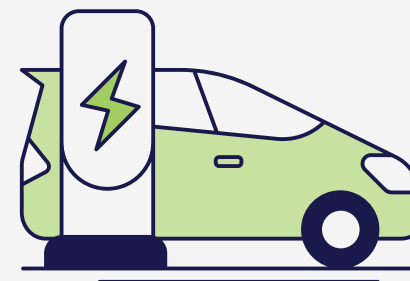Diverting 90% demolition waste from landfill (3,459 tonnes to date)

94kw peak PV array

Diverting 80% operational waste from landfill (2,338 tonnes to date)

EPC Rating A for the offices and targeting insulation value equal or better than Part L

150 on-site parking spaces, 58 spaces with EV charging of which 50% will be active and 50% passive - all 7Kw/h

Enhanced biodiversity, planting approx 40 trees and a range of evergreen plants and flowers

All electric

THE CLARENDON WORKS

BREEAM®

TARGETING
EXCELENT

01
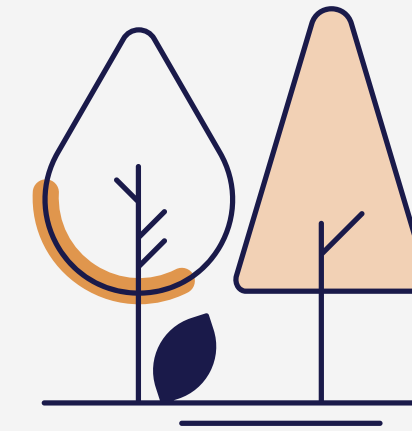Safe pedestrian and cyclist access

02
Designated spaces provided for recycling

03
Assessment of, and measures to ensure thermal comfort and client change adaption through M&E and façade design
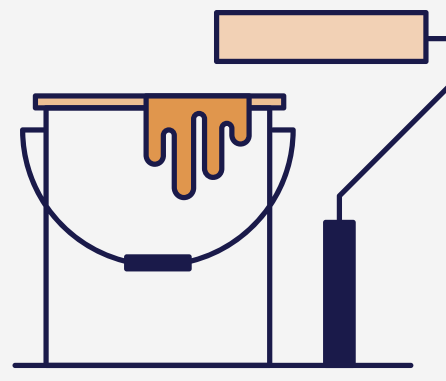
04
Outside space for building users

05
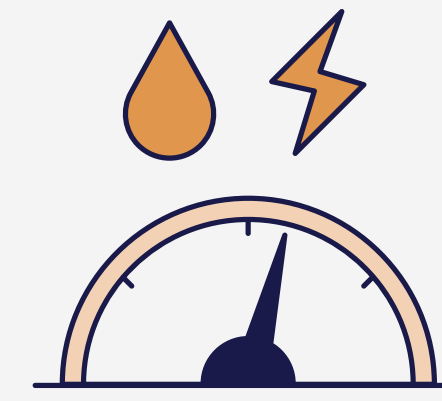Developing a sustainable procurement plan

06
Paints, varnishes and all other finishing products specified to meet the BREEAM VOC emissions limits

07
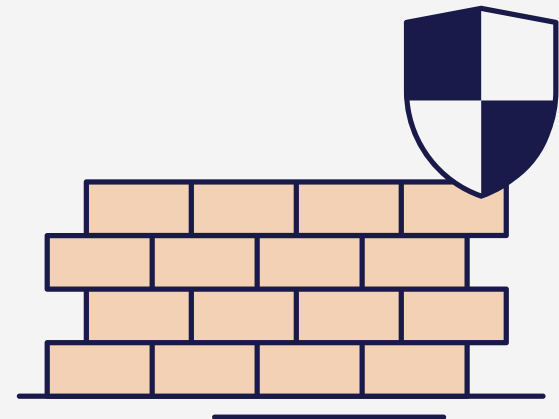50% reduction of internal water use from baseline

08
Monitoring of energy and water usage in the building

THE CLARENDON WORKS

BREEAM®

TARGETING
EXCELENT

09
A+ Green Guide ratings for materials reducing embodied carbon

10
Responsible sourcing of materials and insulation

11
Enhancing ecology of the site through native planting schemes

12
Energy efficient lifts

13
Responsible construction practices including on site monitoring of energy, water and fuel use

14
Achieving Beyond Best Practice Considerate Constructors score

15
Sustainable travel plan for the development

THE CLARENDON WORKS

WELL PLATINUM

AIR

Aims to ensure high levels of indoor air quality during a building's lifetime through diverse strategies that include source elimination or reduction, active and passive building design and operation strategies
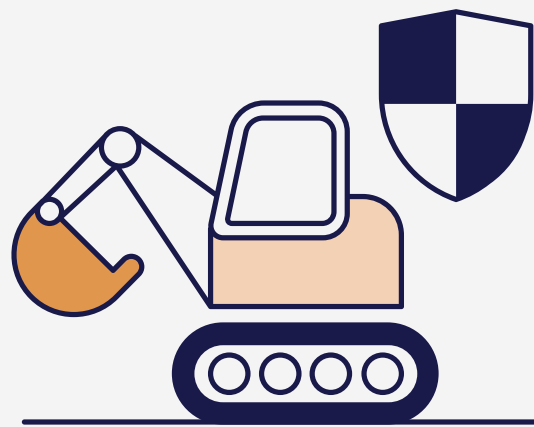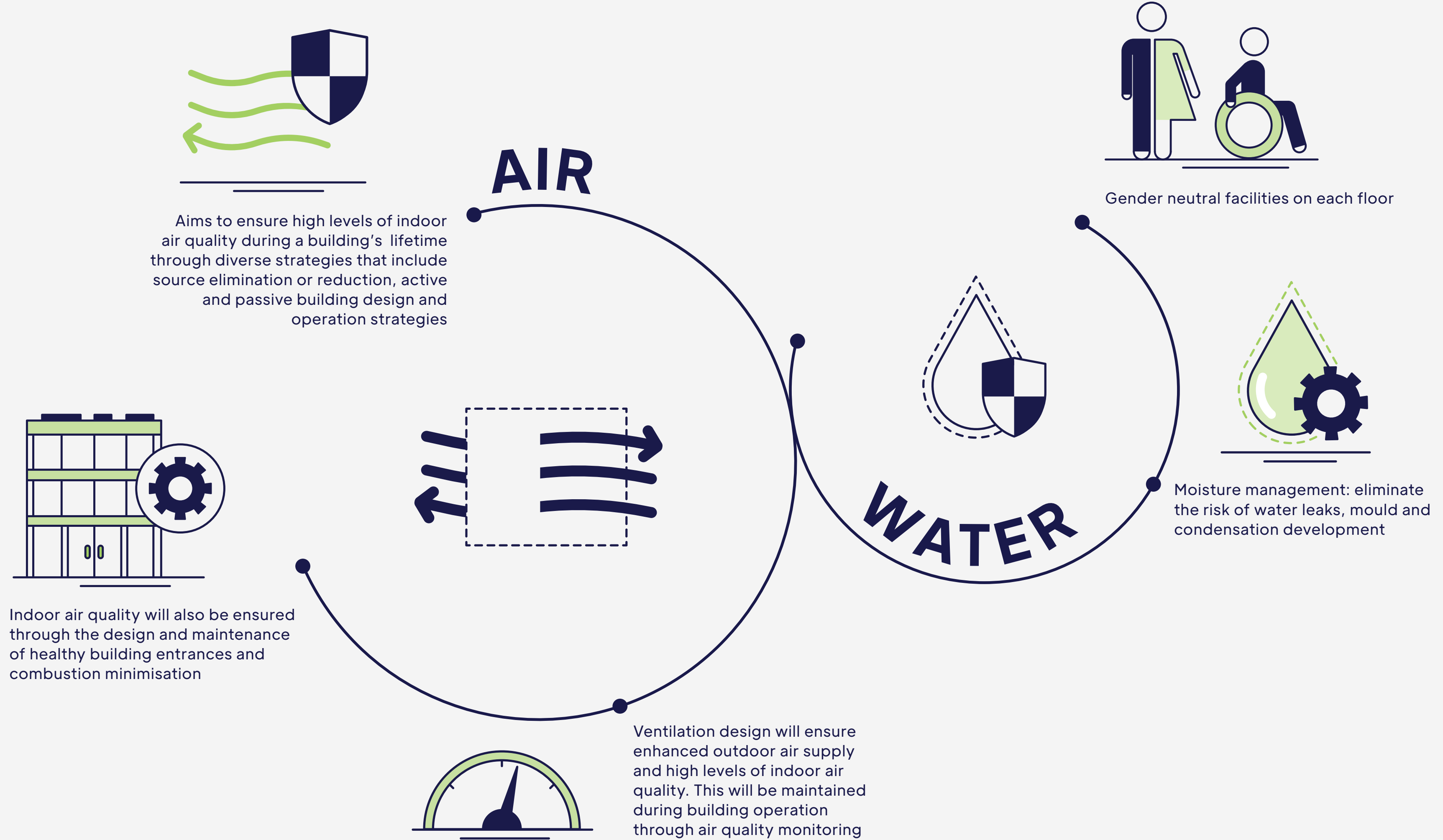
Indoor air quality will also be ensured through the design and maintenance of healthy building entrances and combustion minimisation

Ventilation design will ensure enhanced outdoor air supply and high levels of indoor air quality. This will be maintained during building operation through air quality monitoring

WATER

Gender neutral facilities on each floor

Moisture management: eliminate the risk of water leaks, mould and condensation development

WELL PLATINUM

MOVEMENT & NOURISHMENT

LIGHT

Very good conditions of daylight and electric lighting that can be tailored to individual preferences promoting visual, mental and biological health

Good access to public transport

Cycling infrastructure

Pedestrian-friendly environments

Amenities for food provision

Enabling self-monitoring of individual physical activity

The promotion of physical activity

Active furnishings

THE CLARENDON WORKS

INTERNATIONAL WELL

WELL BUILDING INSTITUTE

TARGETING | PLATINUM

MATERIALS

MIND & COMMUNITY

Building a culture of health that accommodates diverse population needs and establishes an inclusive, engaged occupant community

Promoting mental health and addressing the diverse factors that influence cognitive and emotional well-being through policies, operations and design strategies

Avoids the use of any harmful materials to reduce human exposure to chemicals that may impact health during the construction, furnishing and operation of the building

Ensures healthier materials are included in the construction

Healthier materials used during maintenance and cleaning of the building during its operation

EU TAXONOMY COMPLIANCE

Climate change mitigation – risk assessment to assess the impact of climate change on the building

Climate change adaptation – adaptation of services to adapt to future weather years and adapt to warmer climate to ensure maintenance of comfortable internal temperatures

The sustainable use and protection of water and marine resources – 50% reduction from baseline on water use

The transition to a circular economy – use of prefabricated elements to reduce waste and increase efficiency

Pollution prevention and control – surface water runoff is reduced on site and pollution controlled to protect waterways
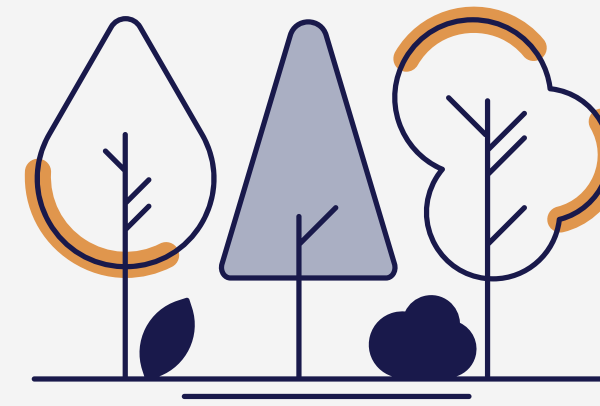
The protection and restoration of biodiversity and ecosystem – a planting scheme to enhance the biodiversity of the scheme

THE CLARENDON WORKS

RATED EPC A
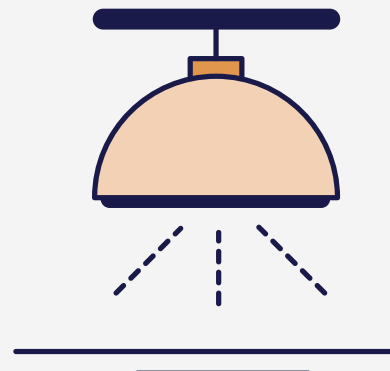
Energy efficient LED lighting for the offices, all external lighting specified for the building with compliant BS 5489-1:2013 and BS EN12464-2:2014
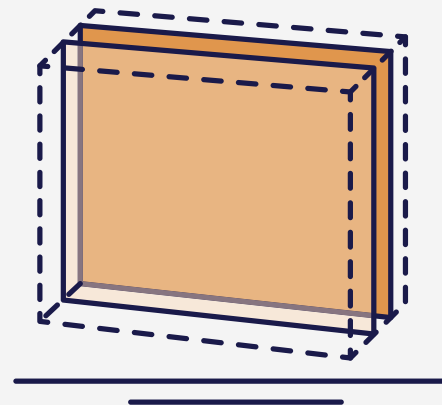
High performance double glazed windows with average weighted façade

MEV / MVHR ventilation

THE CLARENDON WORKS
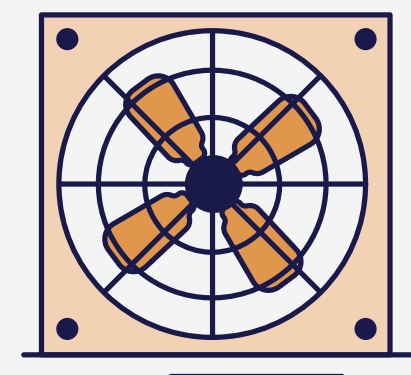
ACTIVE SCORE
SCORE
PLATINUM

ACTIVE SCORE PLATINUM | ACHIEVED

01 Provision of secure, convenient and accessible staff cycle parking

02 Cycle parking available for 10% of occupancy

03 118% of long stay and 250% of short stay cycle parking achieved against targets

04 Parking for irregular and e-bikes provided

05 CCTV to cover cycle parking

06 Safe and easily navigated route to access cycle parking

07 20% lockers per cycle space achieved

08 10% showers to cycle spaces provided

09 Gender specific changing rooms, along with gender neutral and accessible cubicle provided

10 Specific provision of drying cabinets provided

11 Overprovision of cycle parking for future proofing provided

12 Maintenance station with stand, pump and tools provided within the cycle store
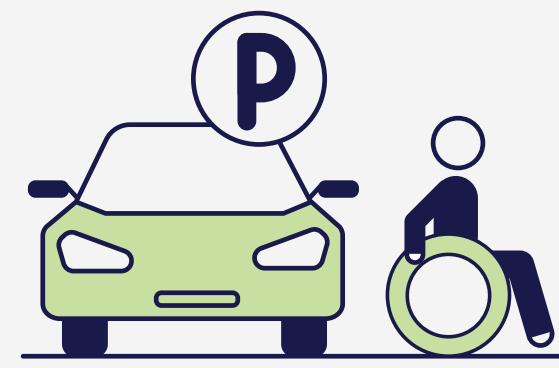
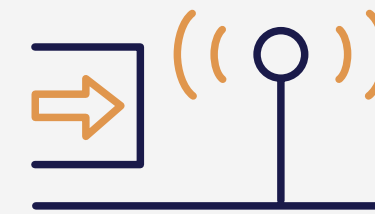**13** Provision of visitor short stay parking with step free access

THE CLARENDON WORKS

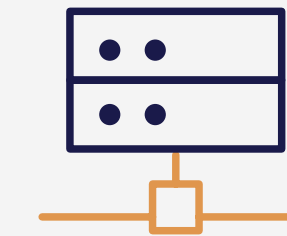# WIREDSCORE PLATINUM ACHIEVED
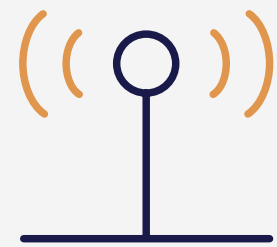
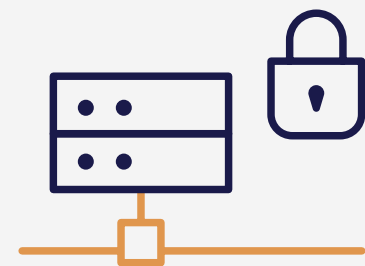**01** Guaranteed voice and data performance for a minimum of two operators

**02** Building-owned backbone cabling for the distribution of systems and services

03 Roof space and access for telecommunications purposes

04 Allocated space within the secure riser closets on each floor for the installation of in-building technology equipment
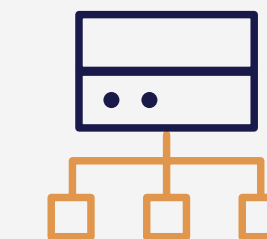
05 Allocated space in a secure location near the main telecommunication infrastructure of the building, or with a route to it, for the installation of in-building technology equipment
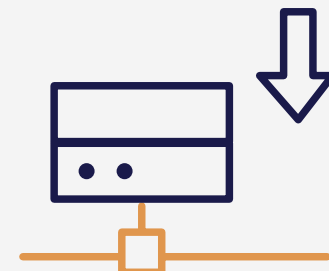
06 Below-ground telecommunication cable pathways via a Universal Communication Chambers
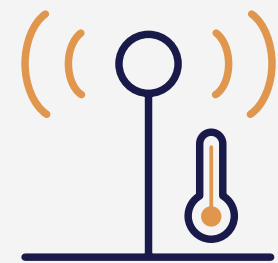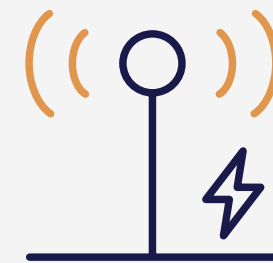
07 Multiple telecommunications points of entry

08 Telecommunications rooms appropriately sized in proportion in the NLA of the building, to support equipment from multiple providers contained within secure cabinets

THE CLARENDON WORKS

WIREDSCORE PLATINUM
ACHIEVED

09 Secure designated telecommunications spaces

10 Location of a telecommunications room above the floodplain level local to the room, and protection measures in place against internal leaks/flooding

11 Climate control in a telecommunications room via air conditioning or mechanically

**12** Power to support active equipment within the telecommunications room
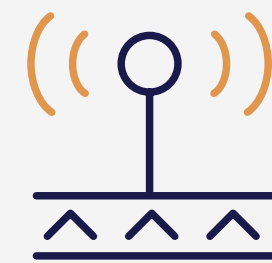
13 Provision of a telecommunications riser protected within a closet or room on each floor and easily accessible by authorized users
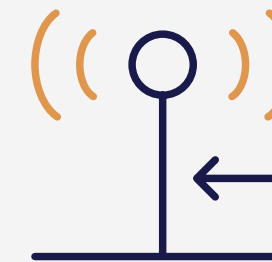
14 Telecommunications riser traversing the building from the lowest point on entry (POE) and telecommunications room to the top tenant-accessible floor
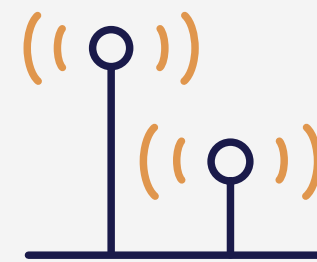
15 Multiple diverse telecommunications riser locations
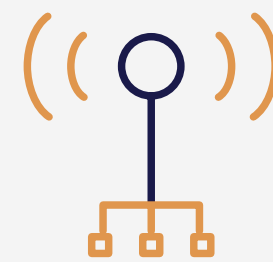
16 Diverse cable routes between telecommunications room and telecommunications risers offering physical cabling separation of at least 3m

17 Defined horizontal route from a telecommunications riser to the tenant spaces, to facilitate the installation of connectivity cabling

ACTIVE SCORE PLATINUM

SUSTAINABILITY INDEX

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