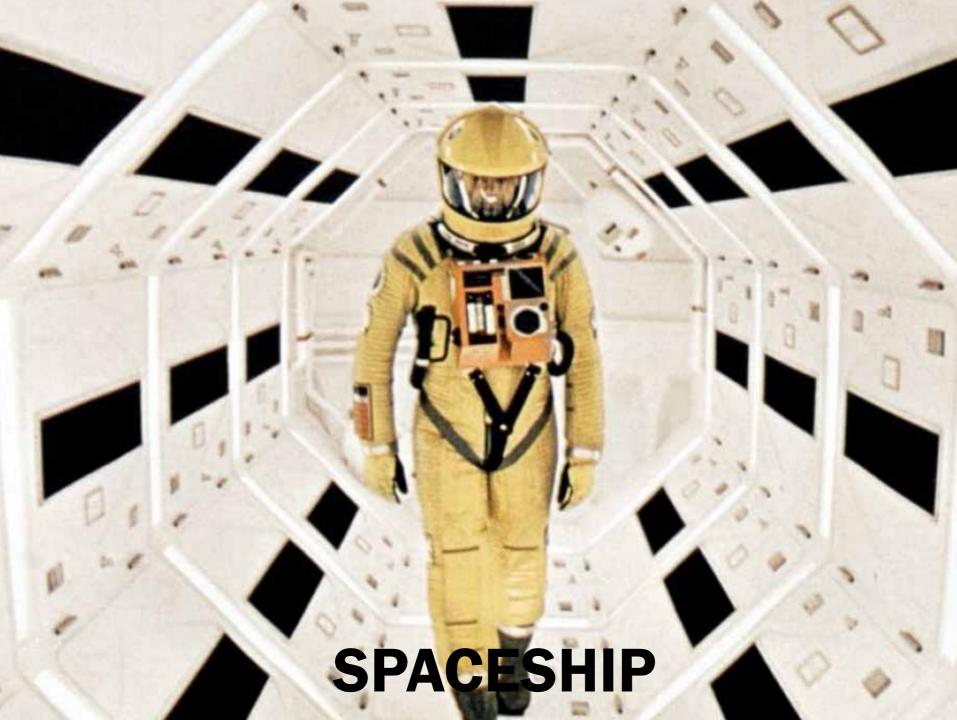


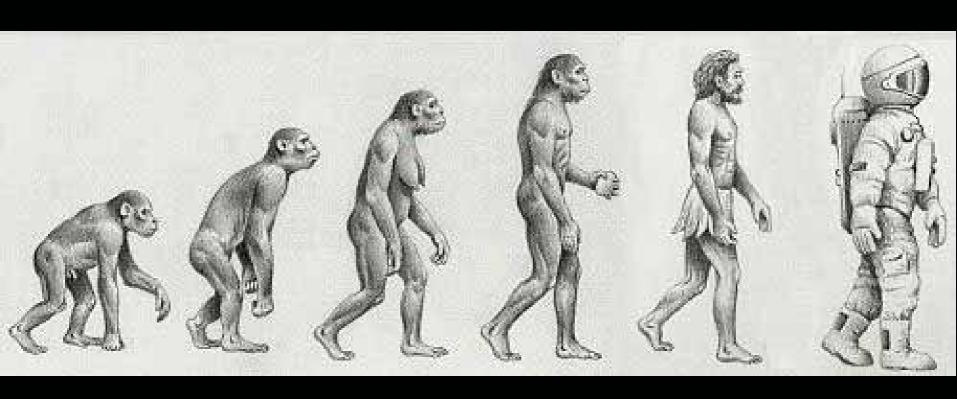




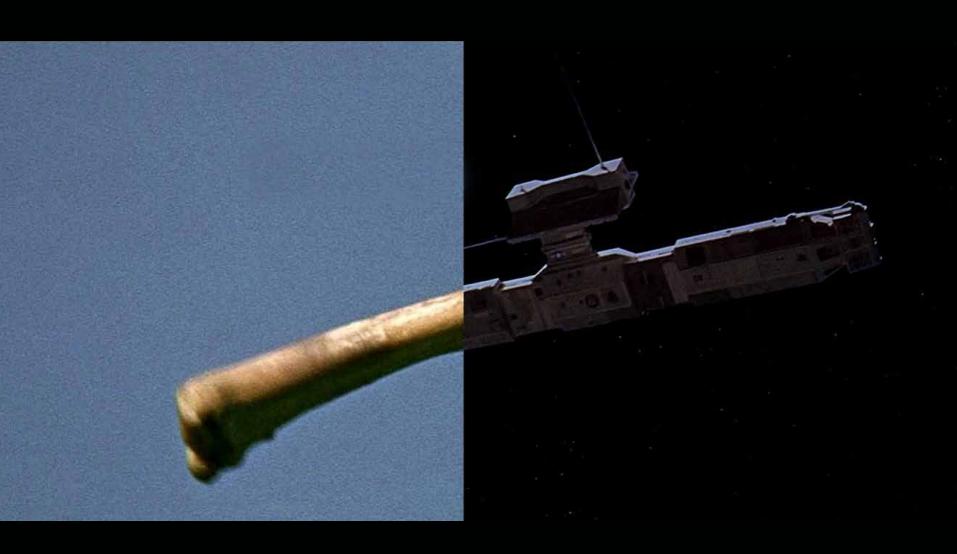
FUTURE OFFICE: CAVE or SPACESHIP?



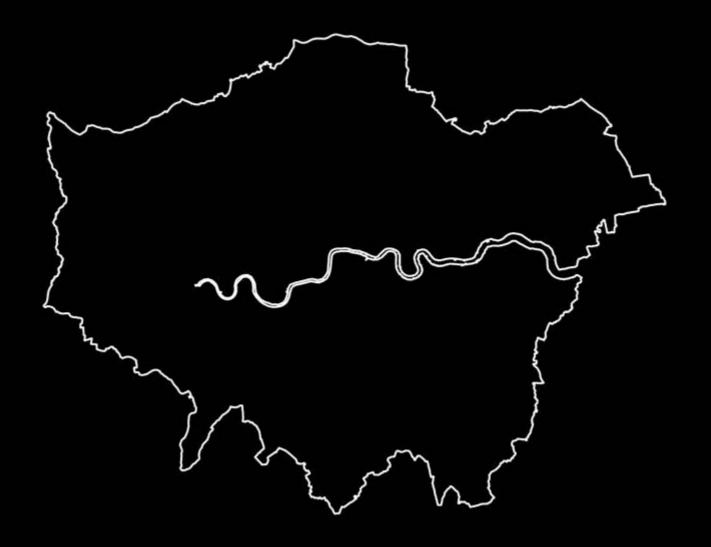




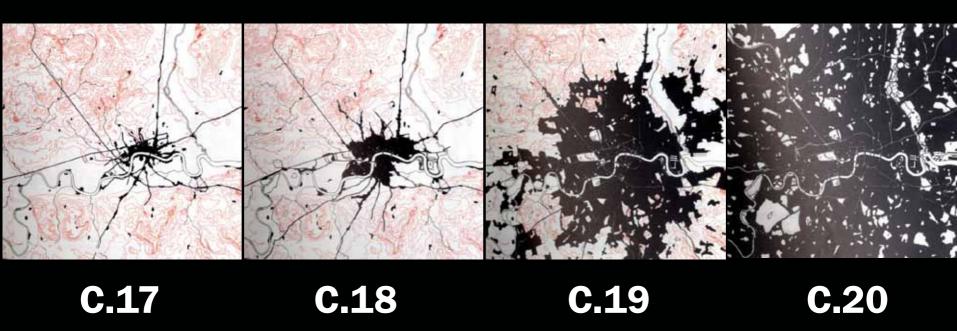
EVOLUTION?



or PARALLEL MODELS?



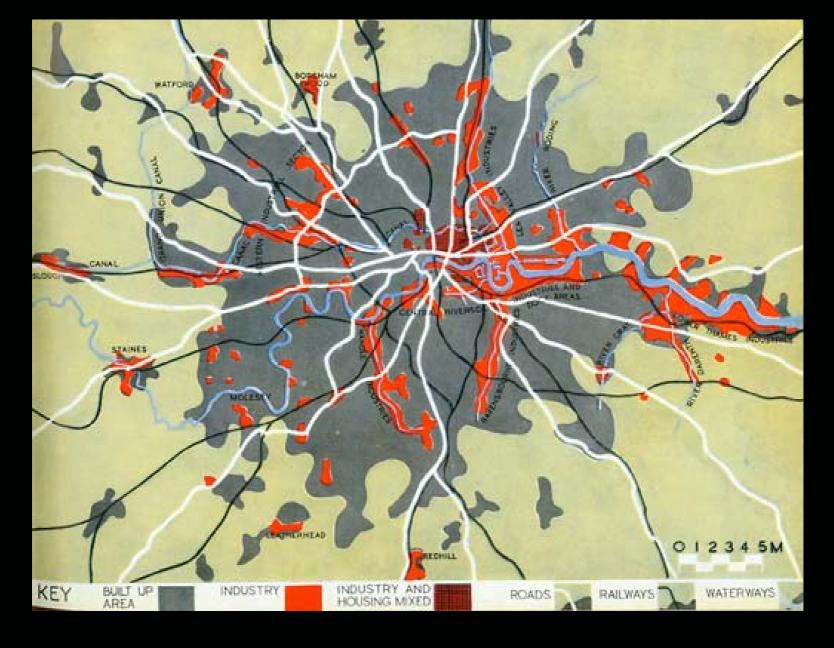
CONTEXT



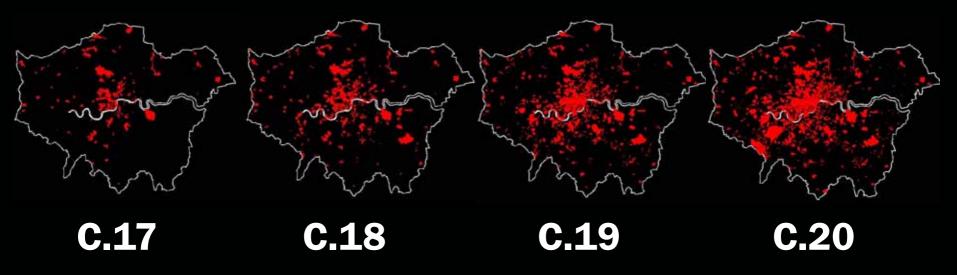
EVOLVING CITY



UNPLANNED CITY?



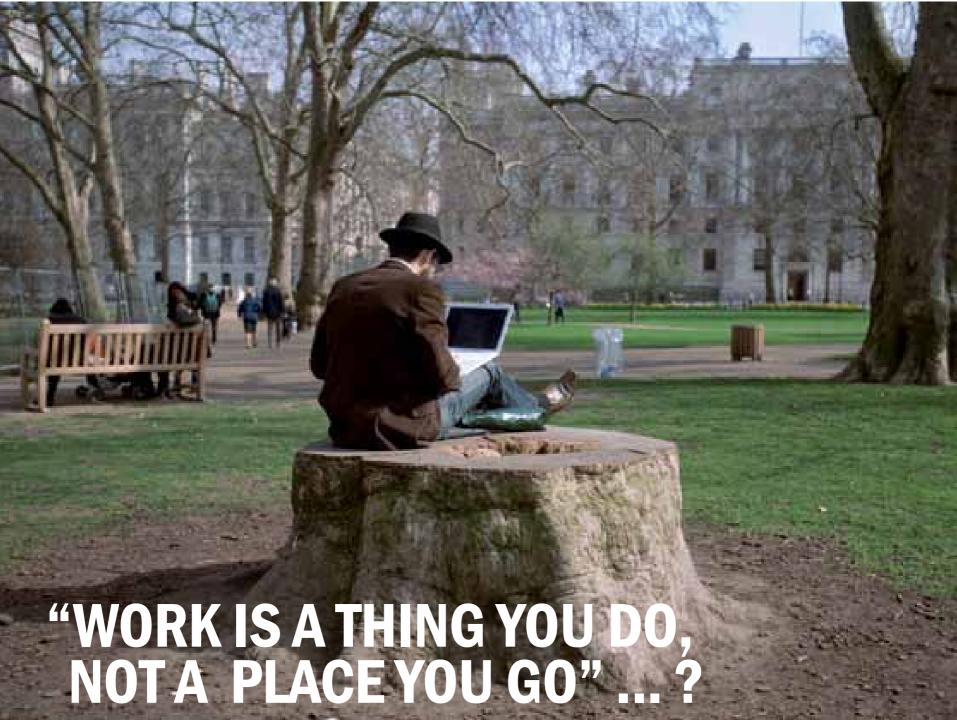
REGULATED CITY



REGULATED CITY



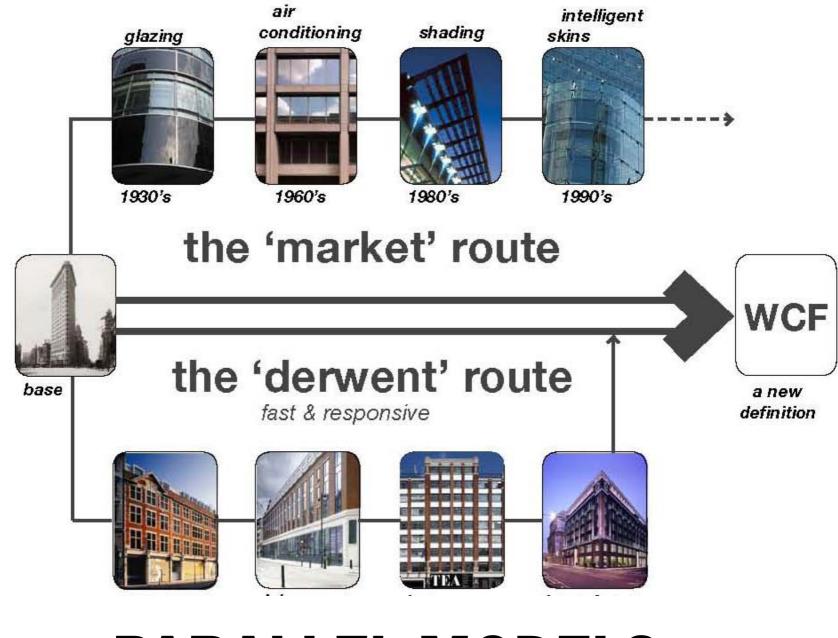
DE-REGULATED CITY



THE JOURNEY OF AN IDEA THE WHITE COLLAR FACTORY







PARALLEL MODELS

WORKING WITH DERWENT LONDON MORELANDS '99



WORKING WITH DERWENT LONDON HORSEFERRY HOUSE



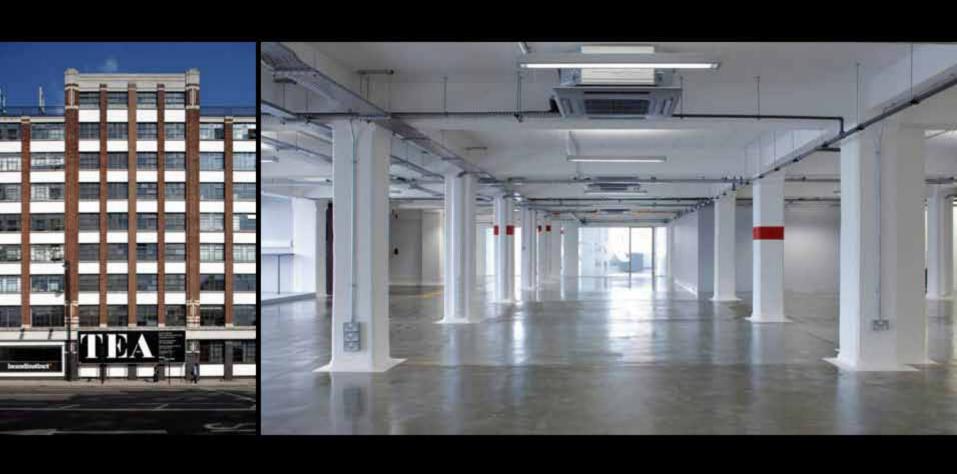
WORKING WITH DERWENT LONDON JOHNSON BUILDING











WAREHOUSE to OFFICE



WAREHOUSE to DINING



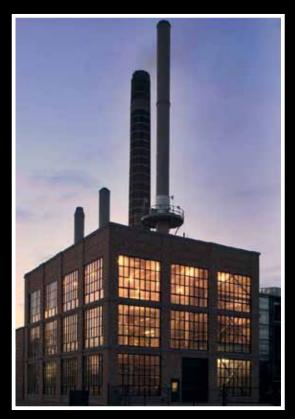


WAREHOUSE to PLEASURE

INDUSTRIAL INSPIRATION WCF PRECEDENTS









WHITE COLLAR FACTORY

THE PRINCIPLE OF THE WHITE COLLAR FACTORY IS TO OPTIMISE THE CLIMATE CONTROL BENEFITS OF THE BUILDING'S PASSIVE DESIGN (TALL CEILING, WELL INSULATED FAÇADE, EXPOSED MASS) TO REDUCE THE LEVEL OF MECHANICAL AIR CONDITIONING REQUIRED. THE BUILDING IS NATURALLY VENTILATED AT THE PERIMETER WITH RADIANT SLABS PROVIDING BACKGROUND COOLING AND HEATING.















n Beneficial +5% on havel distances (smoke reservoir): provides for deeper floorplotes



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Increased flexibility of use: volume provides for future market lead upgrades.

Efficient & even dishibution of artificial lighting

Beneficial +S% on travel distances (smoke reservoir): provides for deeper floorplates

















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SMART SERVICING





Maximum use of possive systems i.e. natural daylighting & ventilation























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Efficient & even dishibution of artificial lighting



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Rediant slab providing cooling & healing







Gissing where it counts i.e. obove desk height













Patential for 2-way split tenancy per floo







THERMAL-





Exposed concrete minimises decorofing Exposed concrete a durable & pleasing contemporary cesthelic



Minimise carbon footprint through use of GGBS concrete etc



Use of concrete perimete upstand (i.e. the spandre tone) & 'punchesi' windows increases shuchool spans & eliminates perimeter columns.



FIVE PRINCIPLES

HIGH CEILINGS

High ceilings look and feel great; they allow for greater flexibility of fit-out, and improve comfort levels by enabling better ventilation and more daylight.

- 3.5m floor to ceiling height
- Excellent daylight penetration
- Exposed services easy to maintain and adapt for a variety of uses

CONCRETE CORE COOLING

The innovative approach to environmental control exploits natural daylight and ventilation, while Concrete Core Cooling uses simple chilled water to transform the structure itself into a radiant cooling source.

- Radiant slab cooling
- Mechanical fresh air ventilation and extract to central core

WINDOWS THAT OPEN

Openable windows put people in charge of their environment. The common-sense façades minimise solar gain by ensuring that southfacing walls have a lower percentage of glazing than north-facing walls.

- Façades adapt to suit solar conditions i.e. small openings to the south, larger openings to the north
- A connection to the outside world

FLEXIBLE OCCUPATION

The well-designed floor-plates future proof the building for occupiers' changing needs, allowing easy and quick sub-division of space and high density occupation.

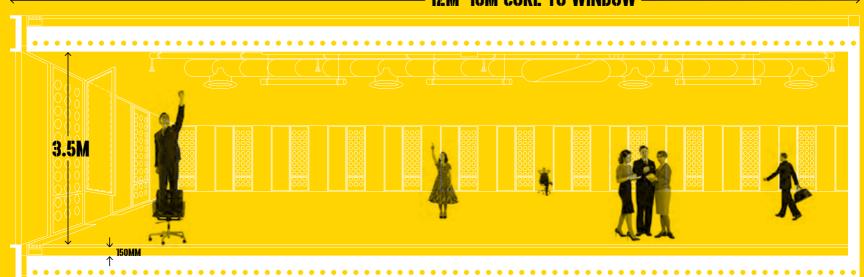
- Generous scale provides maximum flexibility to suit a wide range of users
- Large floorplates
- Designed for high density
 (1 person per 8 sq m occupation)
- Raised floor for power and data

STAYS COOL STAYS WARM

Using exposed, fair-faced, concrete minimises our carbon footprint. Concrete thermal mass efficiently absorbs and releases heat to regulate the building's temperature naturally.

- Natural concrete soffit
- Perimeter blade columns integrated in the façade to de-clutter space and provide additional exposed thermal mass
- Concrete thermal mass is utilised

- 12M-18M CORE TO WINDOW



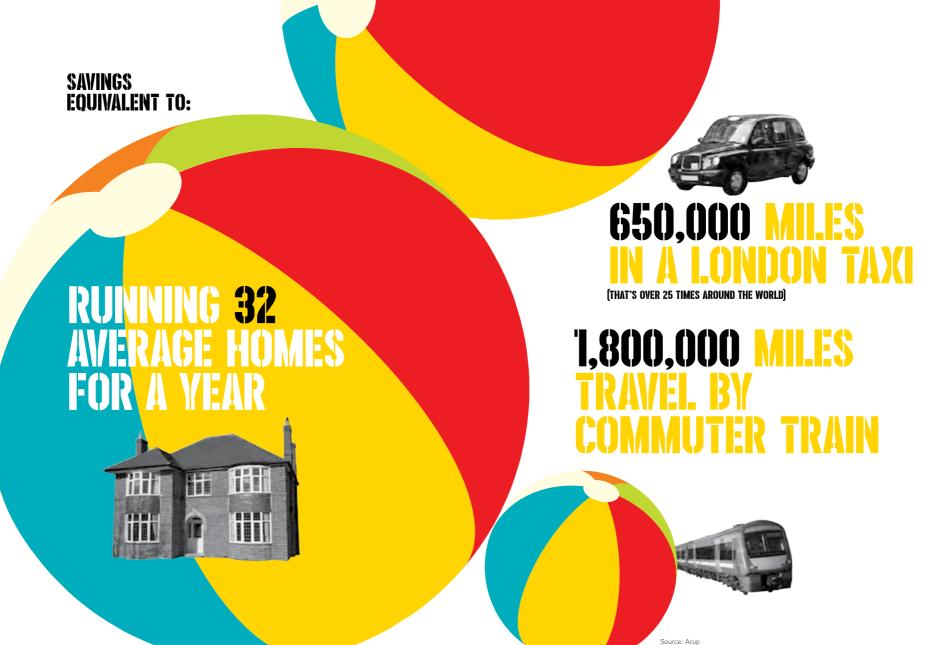


White Collar Factory at Old Street Yard has been carefully designed to meet a progressive energy efficiency and carbon reduction strategy.

WHITE COLLAR FACTORY PRODUCES:

25% LESS
CARBON* =
162 TONNES
CO2 SAVING
EVERY YEAR

THAT'S 162 x 10 m BEACH BALLS



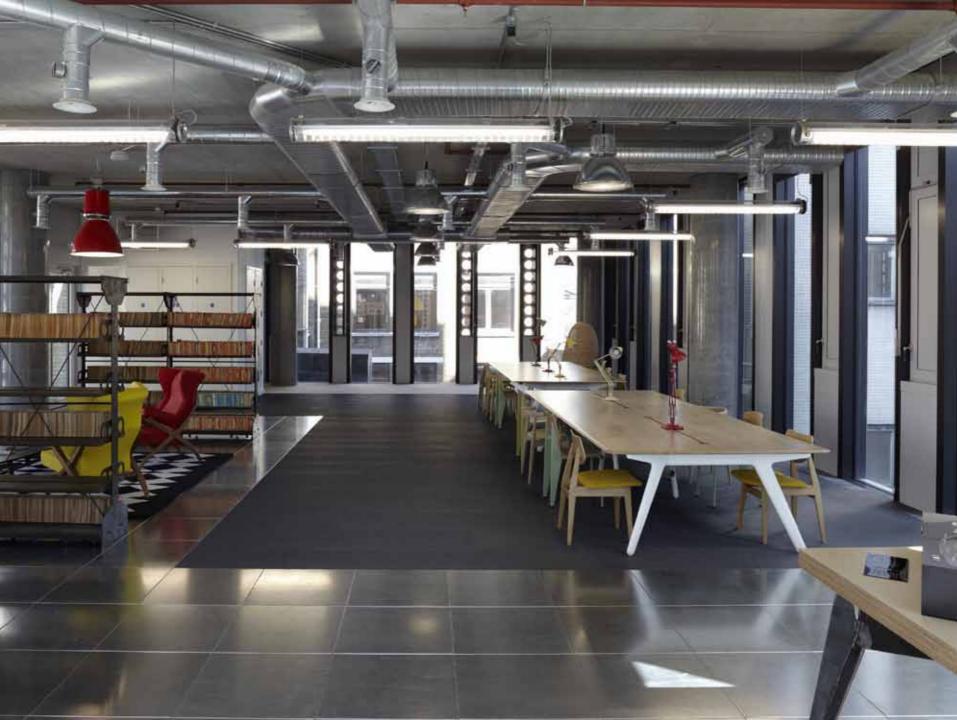


A NEW OFFICE TYPOLOGY A SECTION OF THE CITY





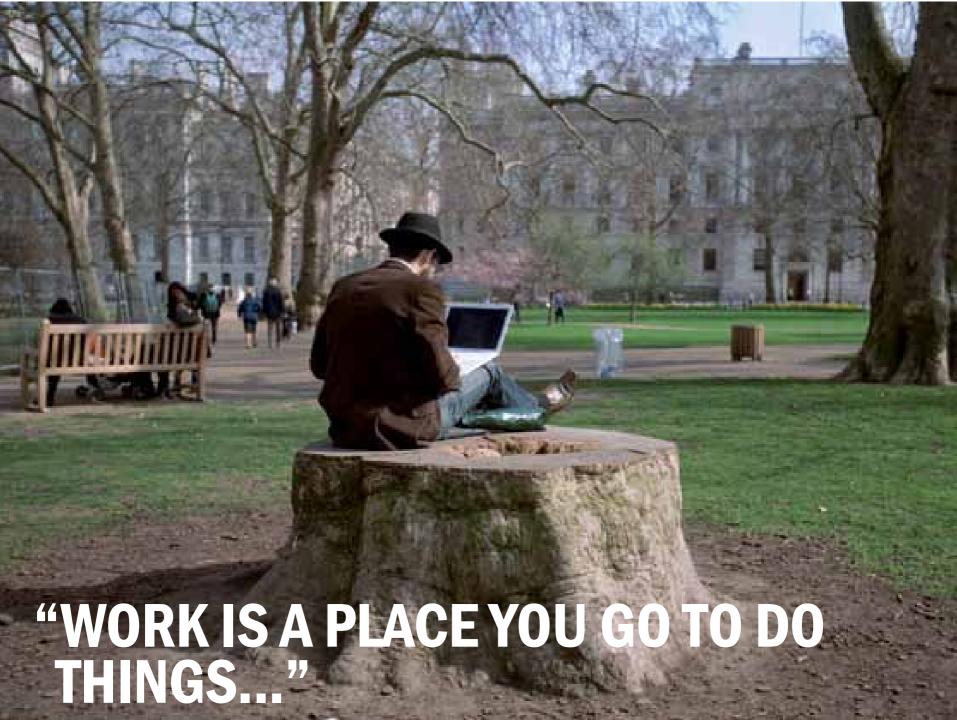








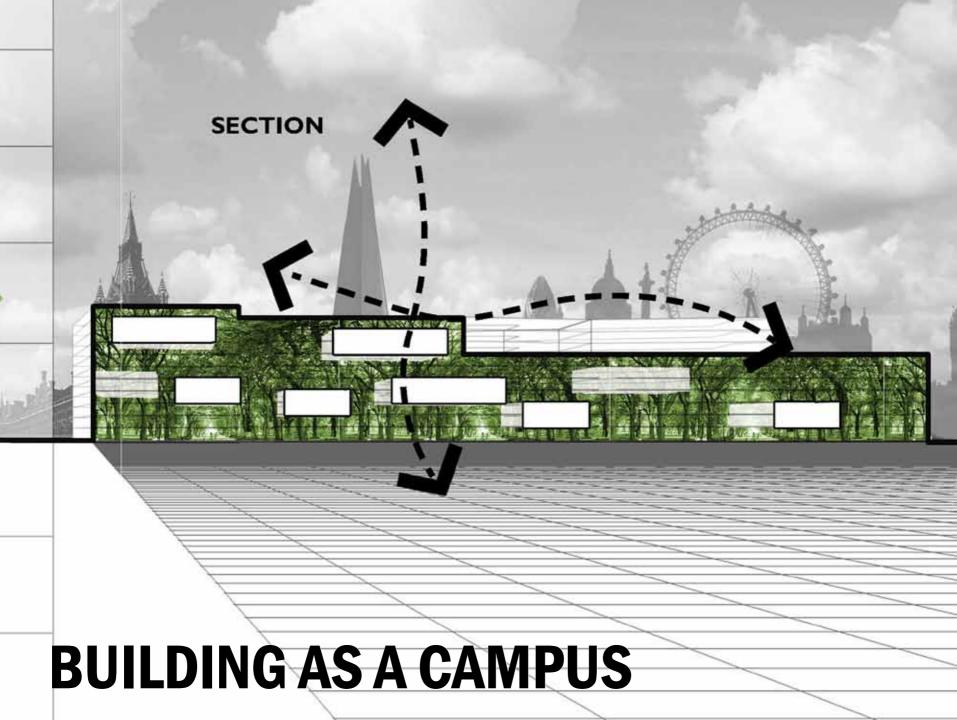


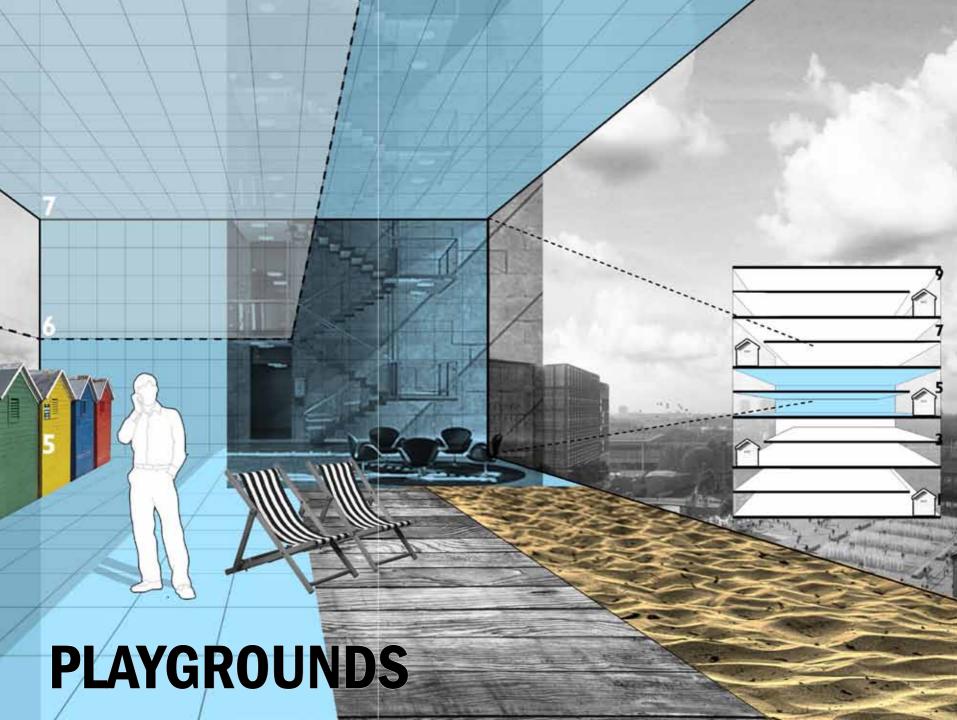


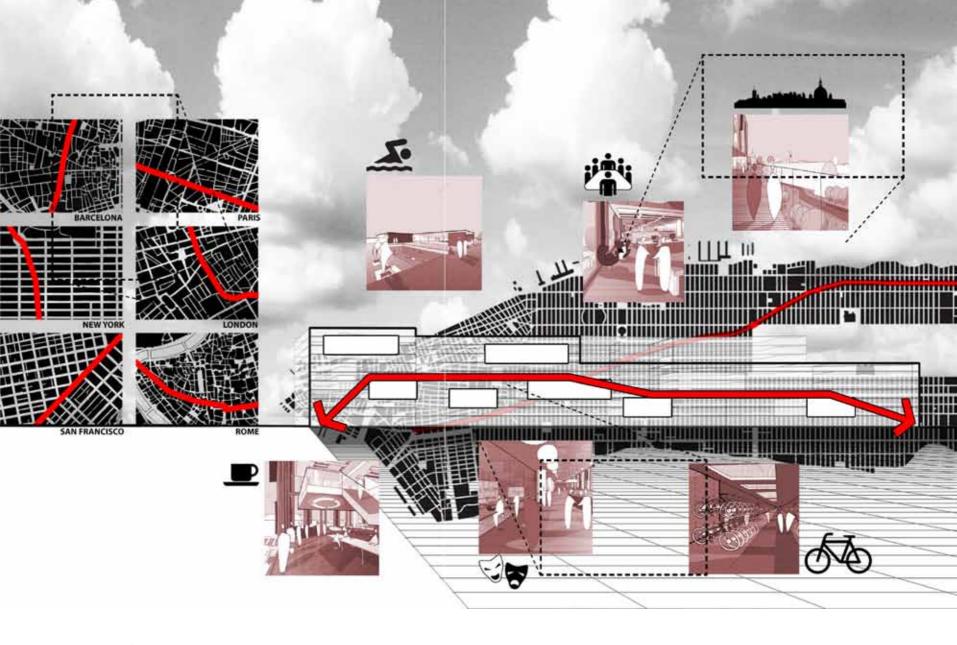




GOOGLE HQ



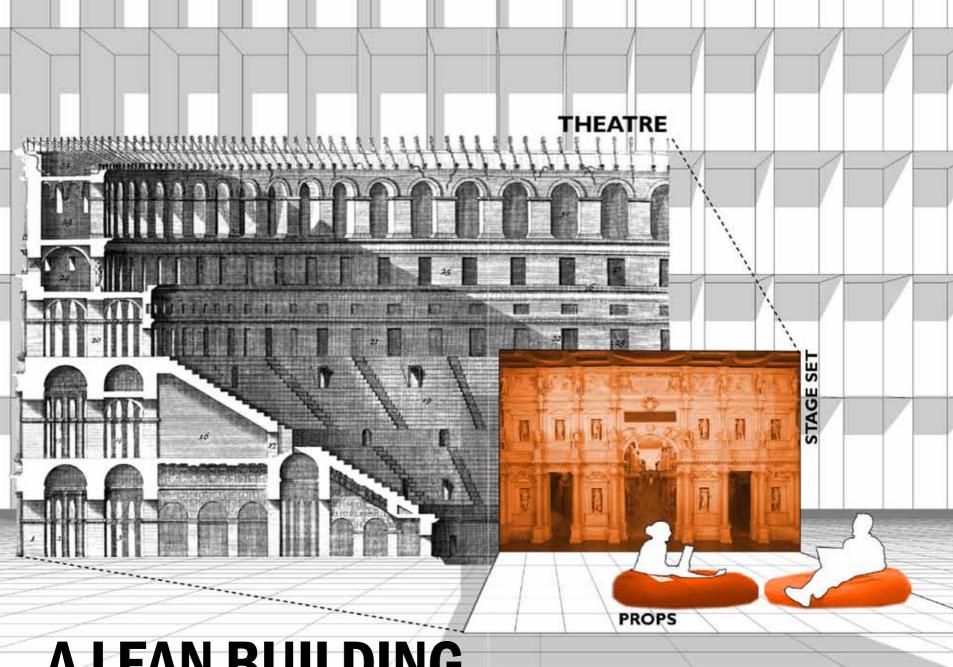




PROMENADE



INTERSTITIAL SPACE



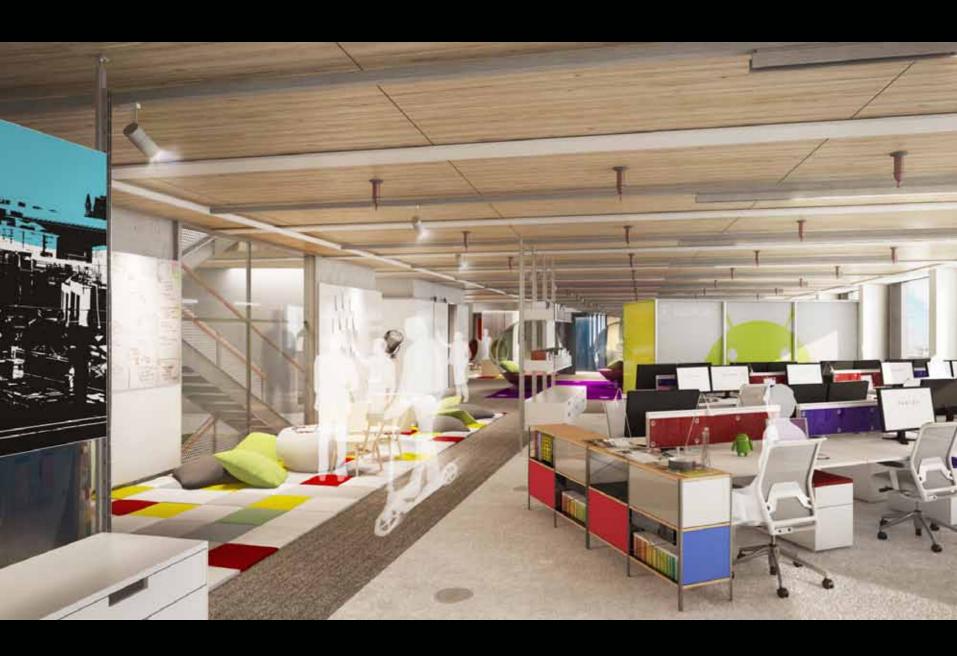
A LEAN BUILDING





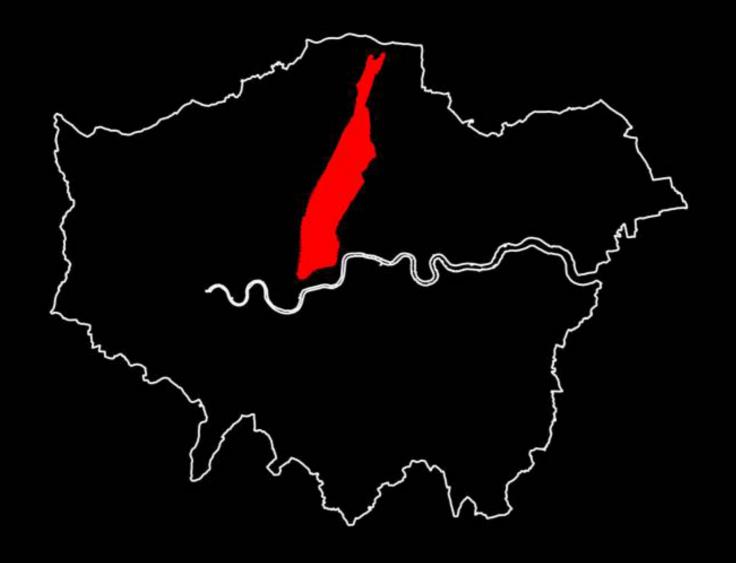




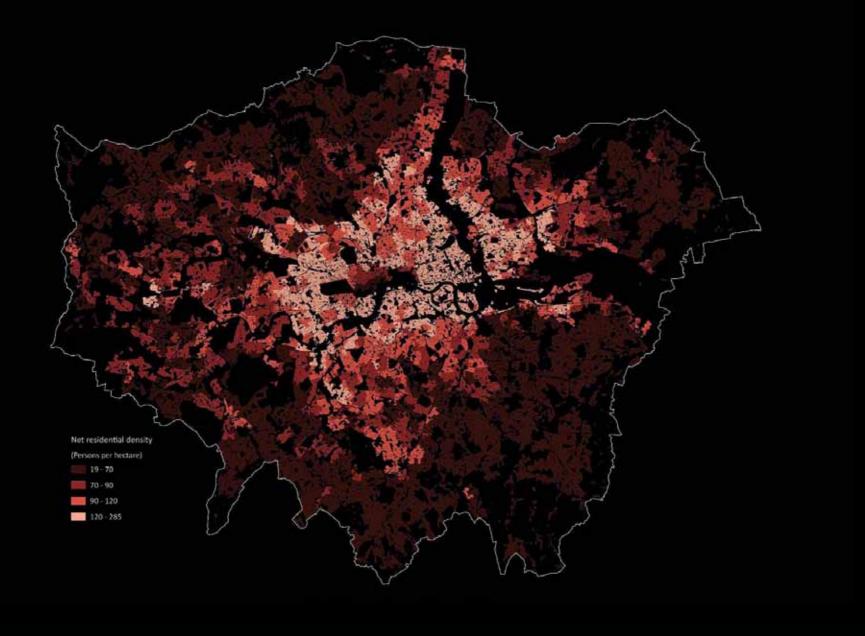




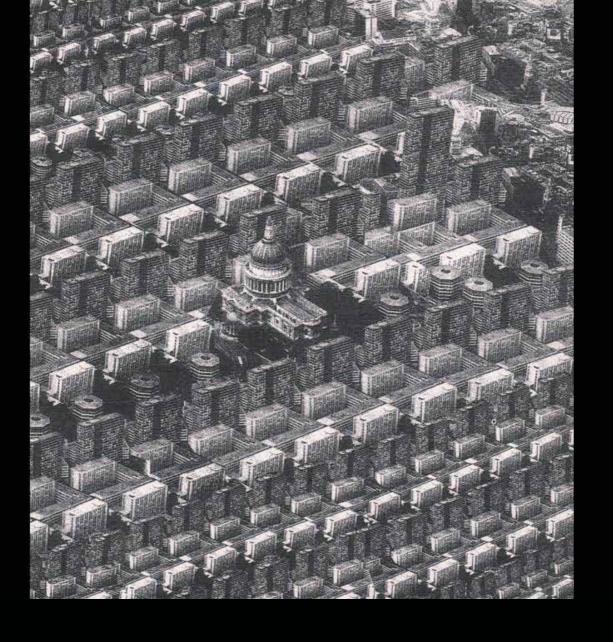




LONDON: GLOBAL CITY?



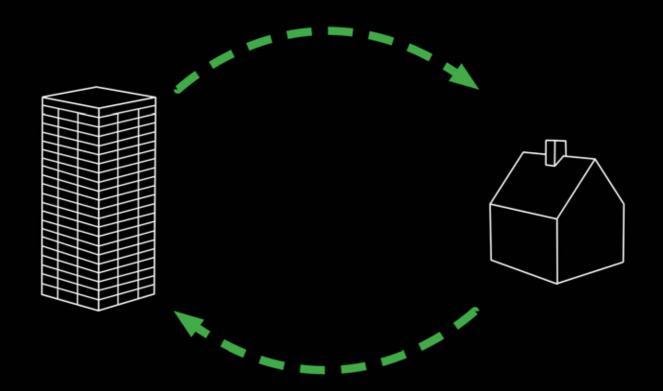
DENSITY



DENSIFY?



DENSIFY USE



CREATING A LOOP



Town and Country Planning Act 2014

Universal Use Class Orders with supplementary Building Licences

HER MAJESTY'S STATIONARY OFFICE 2013

DE-REGULATE



CAVE and SPACESHIP?