27TH MAY 2020 | THE FUTURE OF MULTIGENERATIONAL NEIGHBOURHOODS LEADERS FORUM

Image courtesy of Gensler

In association with

Assistive technology think tank

George Crooks OBE, Chief Executive, Digital Health and Care Institute

Faith la Grange, Director, Regional & Local Government Microsoft

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Matt McCann, CEO and Founder, Access Earth

Karen Holden, Founding Partner, Director, A City Law Firm

Meryl Davies, CEO, Reengage

Simon Bayliss, Managing Partner, HTA Design LLP

Cynthia Bullock, Deputy Director, ISCF Ageing Society Challenge

Victoria Leesam, Senior Specialist Investments, Homes England

Clive Gilbert, Policy Manager for Assistive Technology, Policy Connect

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In association with Microsoft

A CITY LAW FIRM

Founder & Managing Director

Karen Holden

Technology versus Privacy

The Risks

Inherent vulnerabilities & Abuse
Selling – hacking – processing vulnerable people
Storage of data – its use
Right to privacy

Protection Controls

GDPR/DPA 2018
Cyber security
Other regulations

Tech solution

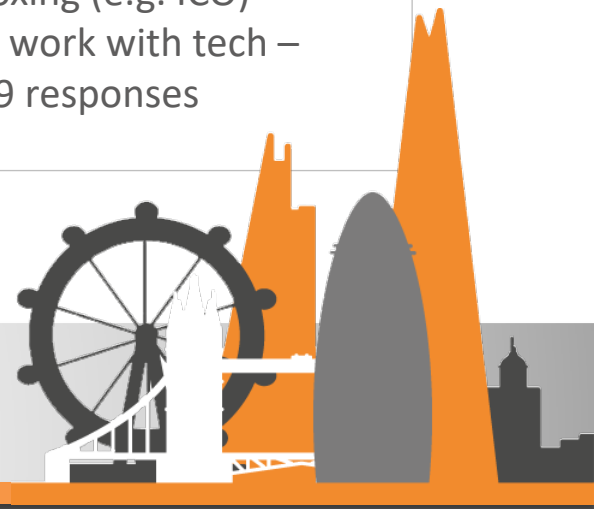
Designers build in protections & think strategically about data protection
Think about consent, transparency and knowledge.

Smart Living

AI advancement; sensitive data around health; smart devices - TV to Fridge to car to actual house. Homes of the Future and expectations around data

Regulators

Collaboration with regulators e.g. sandboxing (e.g. ICO)
How can they work with tech – Covid-19 responses



The Law keeping up with technology

Centuries of case law

Technology advances quicker than the law

Challenges for regulators – how can this practically be addressed?

Legal system is ROBUST & ADAPTABLE to new innovation

Fundamentally based on ethics & morals.
Underlying rules and principles applied to new tech and new issues

Human error

Infringements are inextricably tied to human nature.

Whose ethics do we use?

Are technological solutions possible?

Issues : Contracts using blockchain
Data processed by AI

Ownership

Technology will continue to shape our society

Digital Assets
Virtual IP
Tokens & currencies

Value/trace/own/tax/regulate
Divorce/Will/Gifts/Insolvency/ transfers

Regulators or designers who are setting the parameters?

Whose rules – international? the state? A tech giants?
Who is listening to the users and consumers?

Whose Moral Compass do we use?
Conglomerates control advancing tech – is this right?
Whose interests are being protected and how?
Influence of commerce and stakeholders

‘This advancing technology will shape our lives
And we must all have a voice in it ‘

ISO Ageing Societies Forum

Making a case for multigenerational neighbourhoods

Simon Bayliss / HTA Design / @SiBaylius

Homes designed for all

Space, light, comfort

Biophilic landscapes

Planning new neighbourhoods

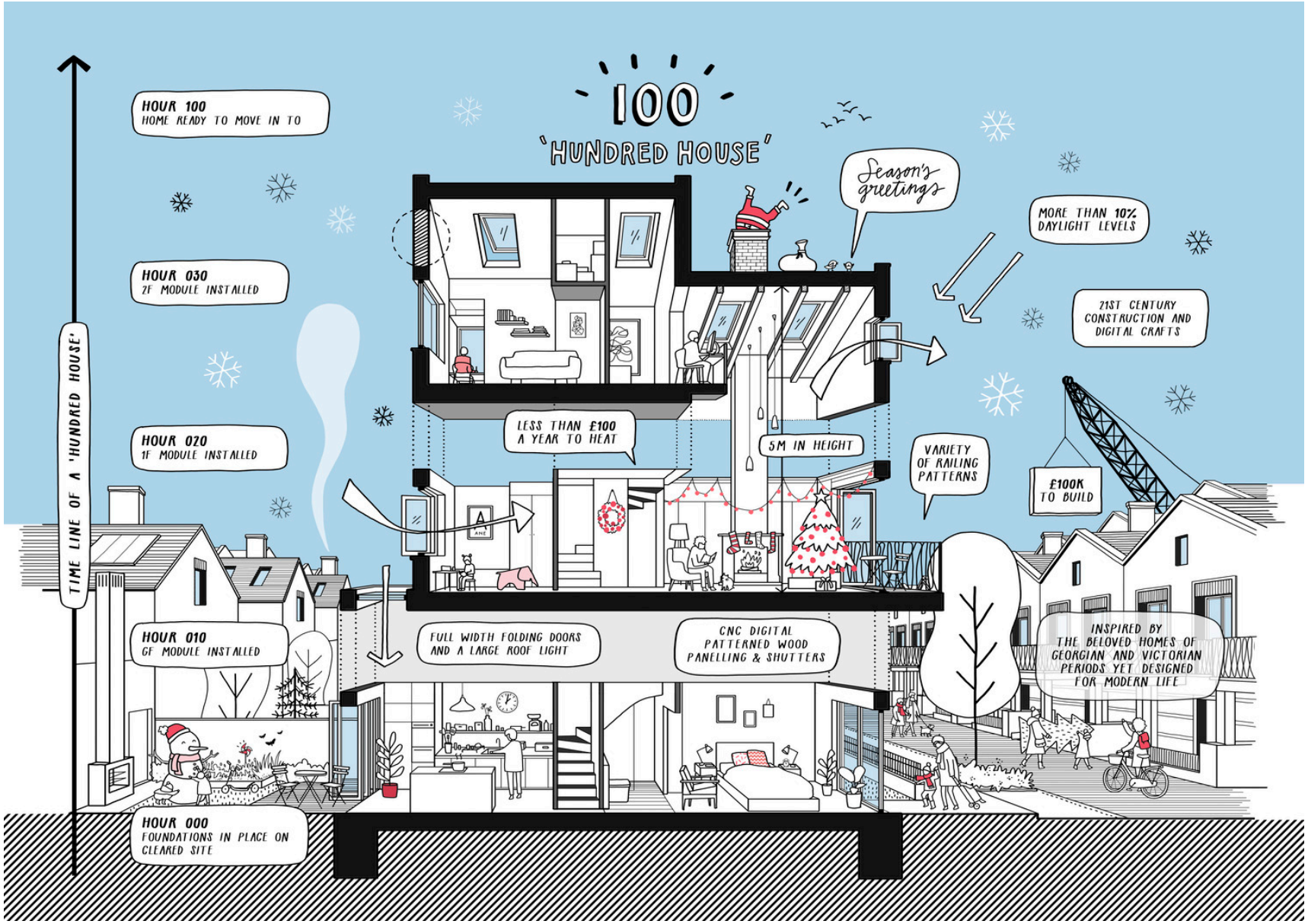
Modern methods of construction

Beautiful, functional interiors

Shared communal amenities

A managed supportive environment

Flexible, adaptable & functional



Contemporary craftsmanship

AAA/ISO: Setting the standard

Homes England

Making homes happen

Multi-Generational Neighborhoods

Victoria Leesam Nov 2019

Inclusive Housing

- 84% of Disabilities are Acquired
- 1 in 5 people have a disability in the UK

Adapting housing over generations

Specialist Housing – Care and Support

Building Regulations Part M4

The Building Regulations 2010

Access to and use of buildings

APPROVED DOCUMENT

M

Volume 1: Dwellings

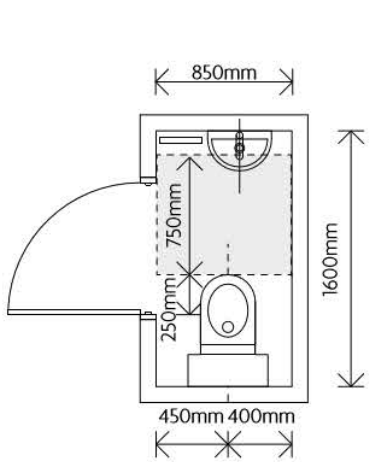
M4(1) Category 1: Visitable dwellings

M4(2) Category 2: Accessible and adaptable dwellings

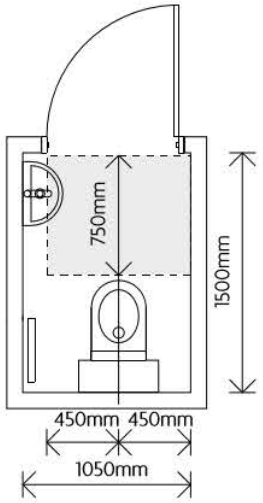
M4(3) Category 3: Wheelchair user dwellings

ONLINE VERSION

M4(1)



Example 1.4A – oblique access WC



Example 1.4B – frontal access WC

Notes:
1. Dimensions for illustration purposes only
2. Doors should open outwards.

Diagram 1.4 Examples of WC/cloakrooms

Current optional standards Part M4 (2&3)

ONLINE VERSION

M4(2) **M4(3)**

ONLINE VERSION

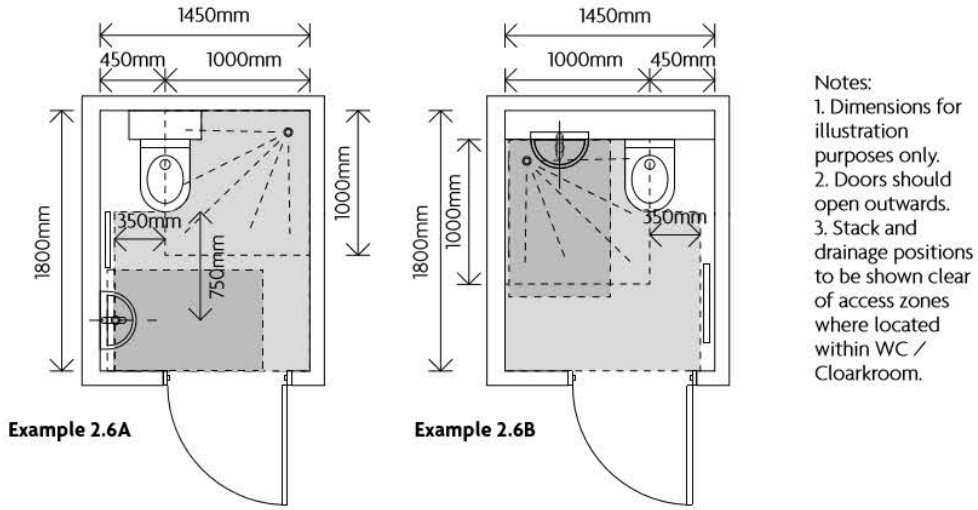


Diagram 2.6 Examples of WC/cloakroom layouts

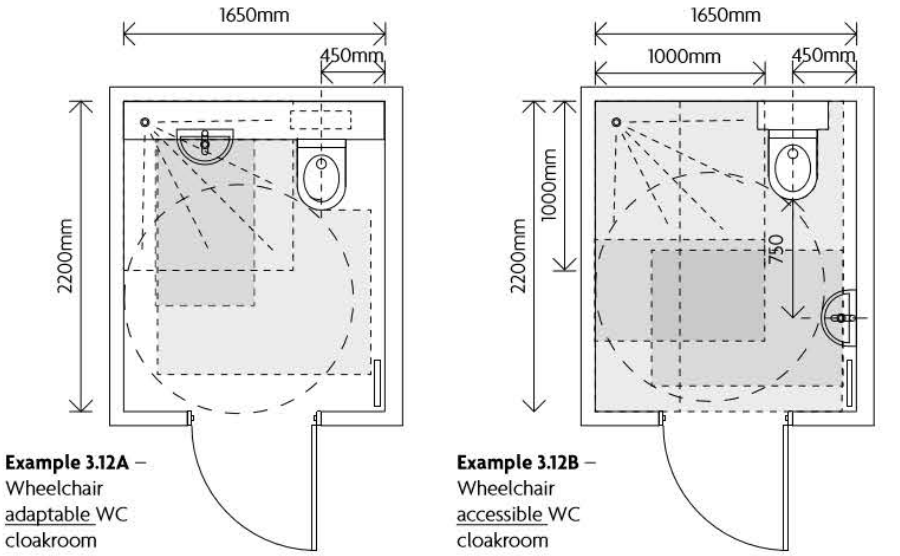


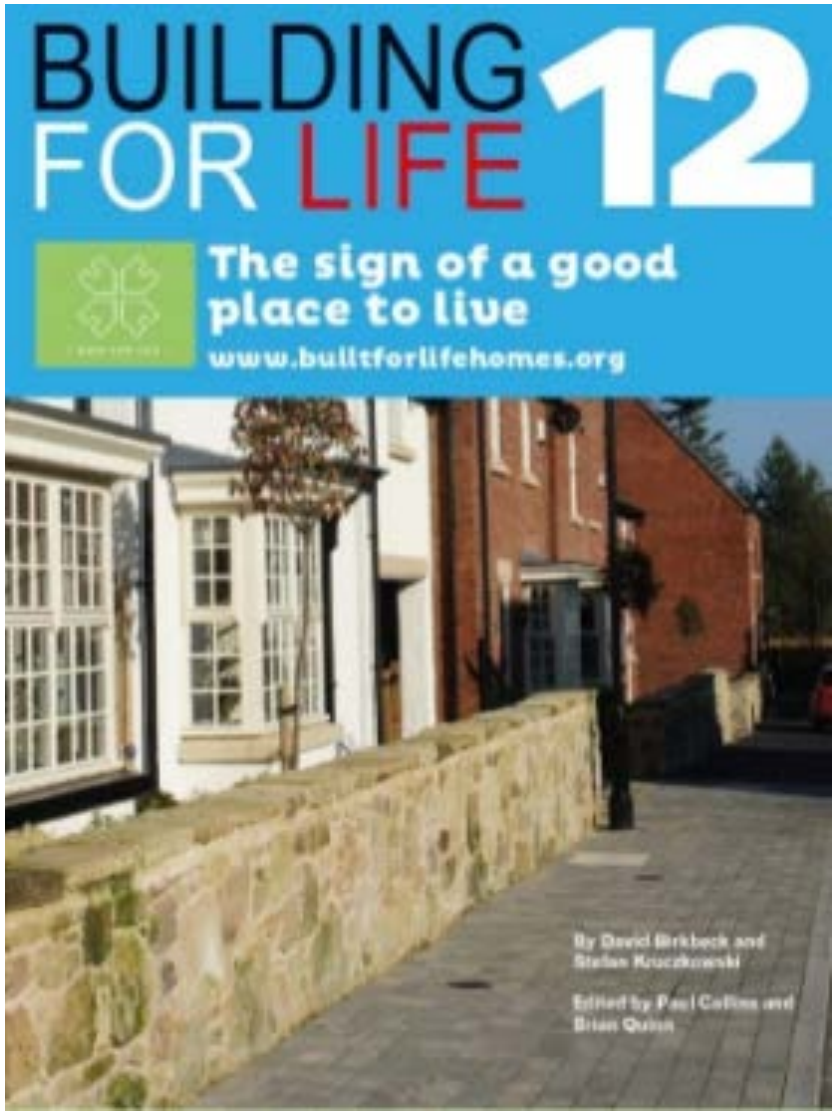
Diagram 3.12 Example of wheelchair adaptable WC/cloakroom layout with potential to be wheelchair accessible

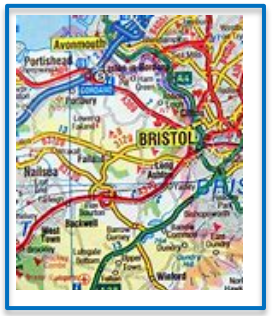
Good Neighborhoods – Good design

Bradbury House 2015

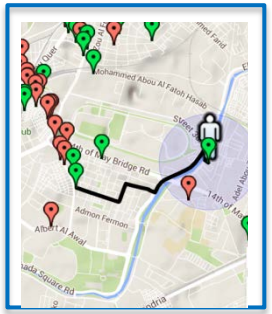
Good Neighborhoods – Good design

Building for Life 12





Q1 Connections



Q2 Facilities & services

Q3 Public transport

Q4 meeting local housing requirements

Q5 Character

Q6 Working with the site and its context

Q7 Creating well defined streets and spaces

Q8 Easy to find your way around

Q9 Streets for all

Q10 Car parking

Q11 Public and private spaces

Q12 External storage and amenity space

#MakingHomesHappen

How do we prove good design before we build it?

Presented by

Victoria Leesam

#MakingHomesHappen

policy connect

All-Party Parliamentary Group for assistivetechnology

Policy Connect

- A cross-party think tank
- Dedicated to working with public, private and third sector organisations to improve public policy through parliamentary groups and commissions
- I manage the All-Party Parliamentary Group for Assistive Technology - otherwise known as the APPGAT

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