

Ingleton Wood

Osborne Grove Nursing Home
07.12.21

Dementia Design Workshop

architecture
building surveying
building services
planning
interior design
sustainability
civil and structural
quantity surveying
project management
CDM and H&S services

Stirling University Dementia Design

Who are Stirling University?

Design Principles Marked Against

- Entrance Corridors, Wayfinding and Lift
- Lounge area
- Dining room
- Meaningful occupation and activity
- Hairdressing
- Bedrooms
- En-suite provision
- Communal toilets, Bathrooms
- External Areas
- General principles



dsdc Dementia Services Development Centre

UNIVERSITY of STIRLING

Dementia Design Audit Tool

Part 1: Guidance Notes

Overall Score for each area:

1: Entrance, corridors, wayfinding and lift

Yes	No	Notes
Entrance area		
1.1	R	The entrance to the unit is clean
		People with dementia are at risk of diminishing self-esteem. A dirty entrance area will swiftly raise anxiety and lower confidence
1.2	R	The entrance to the unit is welcoming
		The entrance should look as domestic as possible and should not be intimidating
1.3	R	The entrance to the unit is tidy
		People with dementia are at risk of diminishing self esteem. A messy entrance area will swiftly raise anxiety and lower confidence
1.4	R	The entrance to the unit is well lit
		If you are under the age of 30, the entrance area is conspicuously bright. If you are aged between 30 and 48, it is very bright. If you are aged over 48, it is bright. There are no dark patches or stripes
1.5	E	There is good access for those with physical or mobility problems including wheelchair users. *Observe: Handrails; lift; ramp; height and accessibility of door handles; disabled parking spaces near building*
		Although this is not dementia specific, it is important that entry is not stressful for the person or their carer since people with dementia will often be very stressed about entering an unfamiliar space
1.6	R	There is seating to provide opportunities for rest
		Seating should be domestic in style, comfortable and robust
1.7	R	The door entry system is discreet. *Observe: Alerting staff but not ringing out to disturb residents/ patients/people with dementia*
		The door to whole building and or the door to the living units within it, may have bells and these should not be so loud that they disturb those inside
Corridors		
1.8	E	The colour of the carpet/floor covering contrasts with the colour of the furniture
		Contrast makes the furniture more visible which is essential for safety
1.9	E	The colour of the carpet/floor covering contrasts with the colour of the walls
		This enables people to see where the floor ends and the wall begins. See RNIB guidance
1.10	R	The skirting contrasts with both the floor and walls
		This enables people to see where the floor ends and the wall begins. See RNIB guidance
1.11	E	The flooring is consistent in colour/tone throughout including threshold strips
		People with dementia often have visuospatial problems and cannot see 3D. It is important that they do not see steps in flat floors, hesitate and potentially tumble
1.12	R	Large-patterned carpets have been avoided
		Patterns that look like real objects (fruit, plants etc), swirls and stripes can all be misinterpreted by people with dementia

1: Entrance, corridors, wayfinding and lift

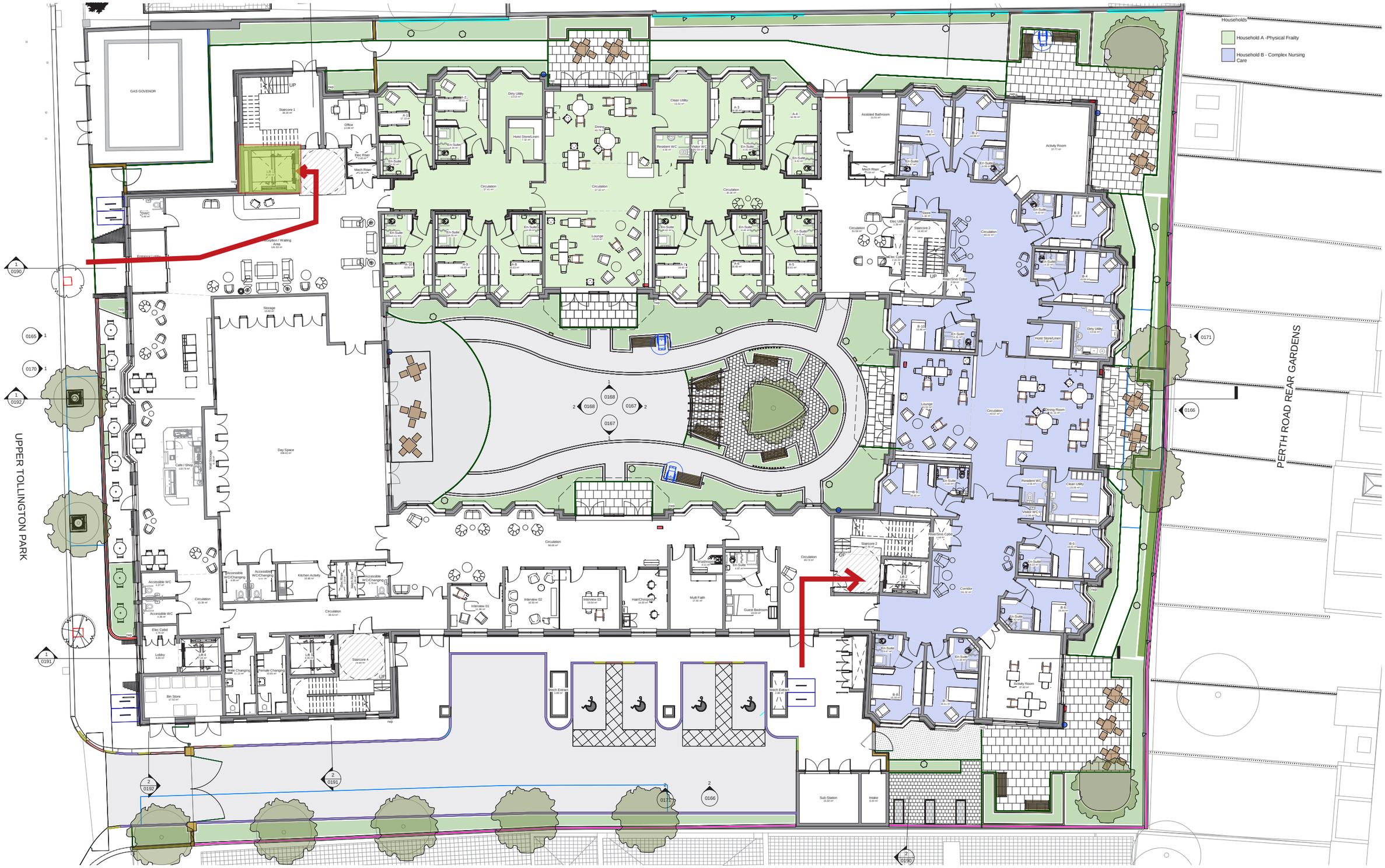
Yes	No	Notes
1.13	R	Strong wallpaper patterns have been avoided
		Patterns that look like real objects (fruit, plants etc), swirls and stripes can all be misinterpreted by people with dementia. Too much visual stimulation may make people restless
1.14	R	The space has good levels of natural lighting
		When the artificial lights are turned off during the day, most people can see reasonably well if within three metres of a wall containing a window
1.15	R	Glare from natural lighting can be managed
		Curtains and/or blinds are required if there is a danger of glare in bright sunlight
1.16	R	The space has good levels of artificial lighting
		If you are under the age of 30, the corridors are conspicuously bright. If you are aged between 30 and 48, the corridors are very bright. If you are aged over 48, the corridors are bright
1.17	R	The lighting can be controlled according to the time of day
		There is more than one light switch and more than one lighting circuit
1.18	R	Ceilings, floors, floor coverings, window curtains and soft furnishings are sufficiently sound absorbent to support communication
		Ceilings, floors, floor coverings, window curtains and soft furnishings are sufficiently sound absorbent to support communication
1.19	R	All corridors lead to meaningful places. *Observe: Dead ends have been avoided or made interesting*
		Corridors that lead to locked doors or are dead ends will cause frustration and potential anger. Corridors work best if they lead to a sitting area or to some other distraction e.g. access to a garden area that is safe and connected with the main part of the unit
1.20	R	Corridors are wheelchair accessible
		Corridors need to be wide enough for a wheelchair to get past someone with a Zimmer frame or walking sticks
1.21	R	Corridors are of varying widths
		This is to avoid the tunnel effect. Corridors should be broken up into smaller areas
1.22	R	Corridors have interesting items on the walls in order to provide focal points of interest
		e.g. photographs of the locality, something to touch or stroke
1.23	R	There is seating at frequent intervals to provide opportunities for rest
		Seating should be domestic in style, comfortable and robust
1.24	R	There are comfortable handrails to give both physical assistance and a sense of direction/distance
		Handrails need to be highly visible (contrasting colour to the wall behind), easy to grip, with some tactile indication where sections end for people with impaired vision
1.25	R	Corridors are well lit
		If you are under the age of 30, the corridors are conspicuously bright. If you are aged between 30 and 48, the corridors are very bright. If you are aged over 48, the corridors are bright

Abbreviation	Category	Description
E	Essential	The design features in this category are essential criteria, based on research and expert opinion. 100% of the criteria in this category must be met to achieve certification.
R	Recommended	The design features in this category are recommended in environments used by people with dementia, based on current evidence and international best practice.

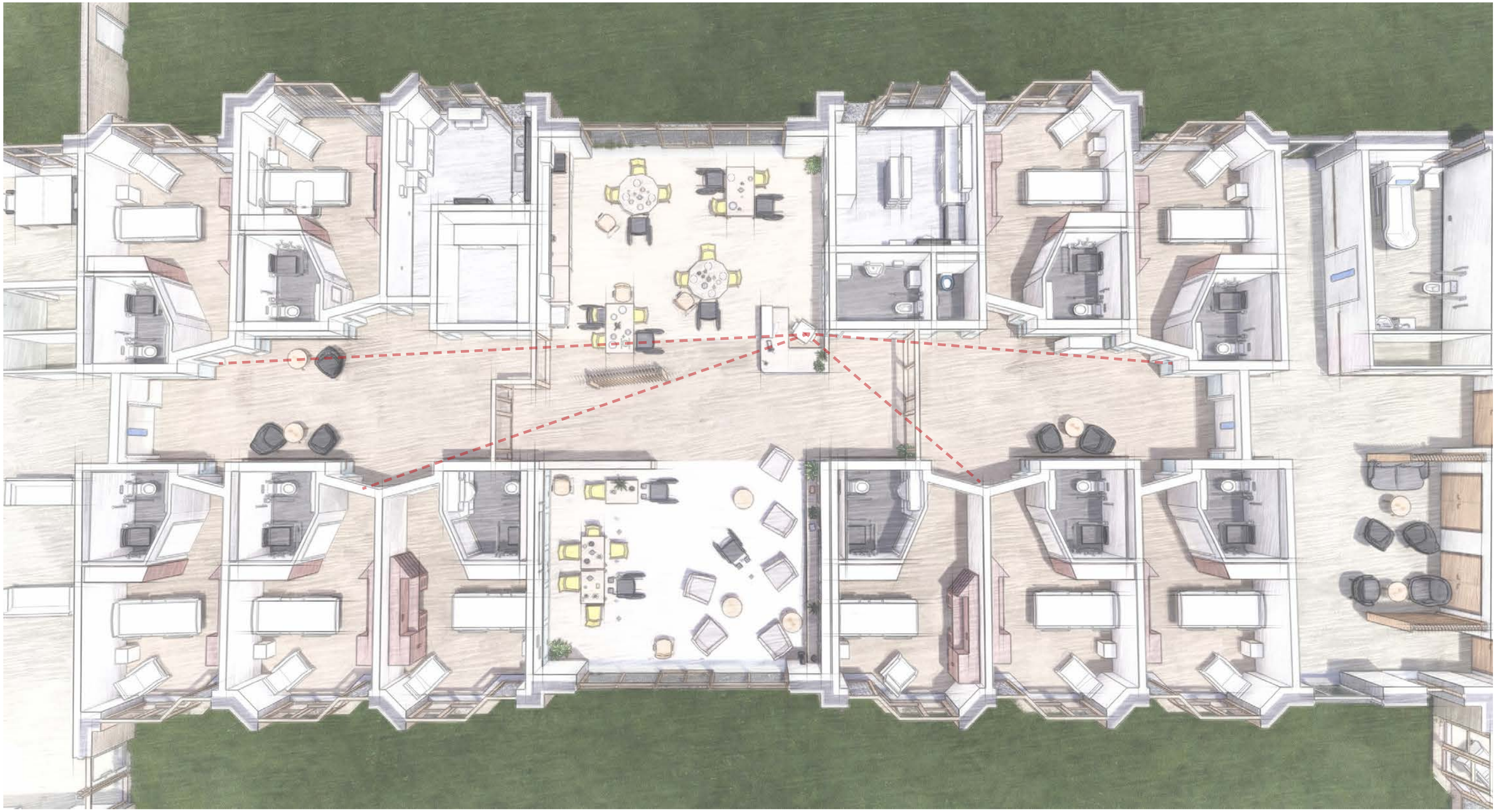
Introduction to the Osborne Grove Care Home


OSBORNE GROVE NURSING HOME

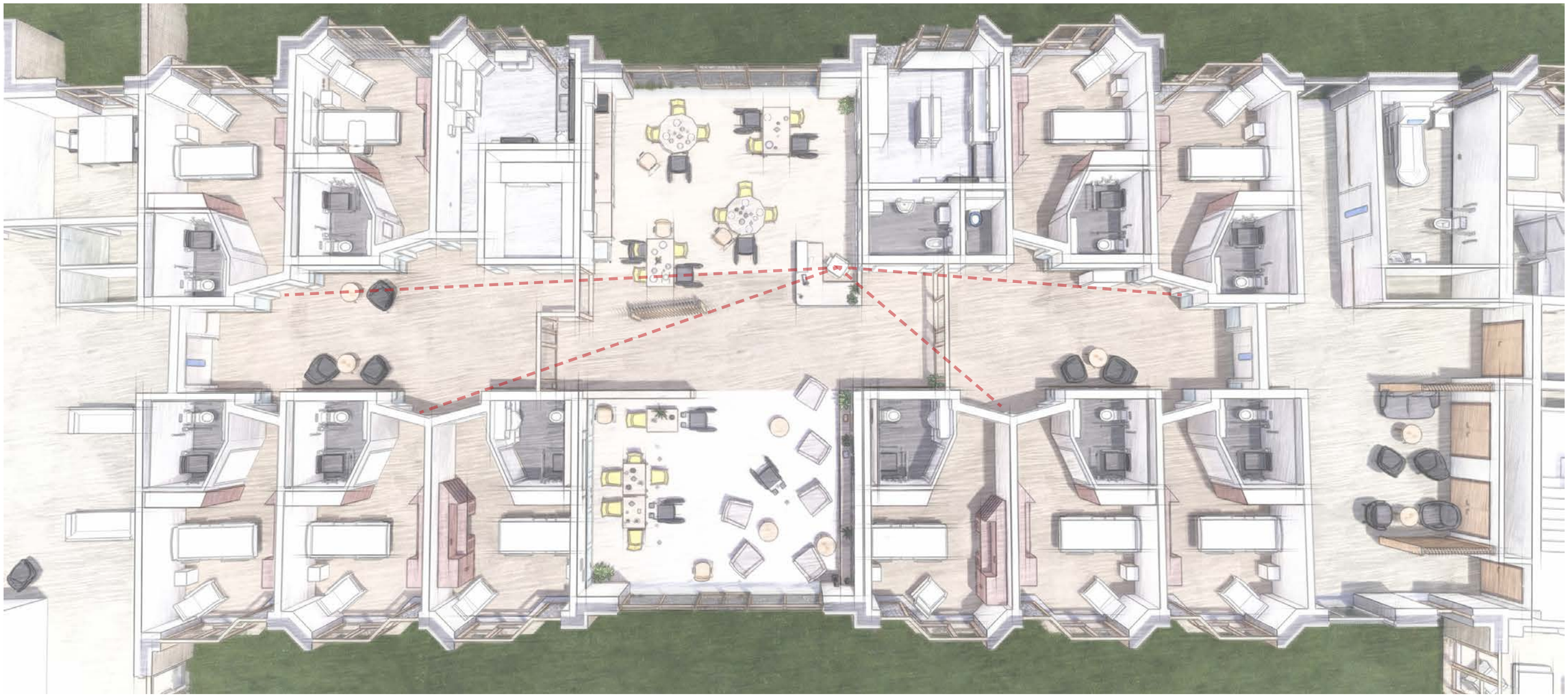
1.0 Ground Floor - Entrance

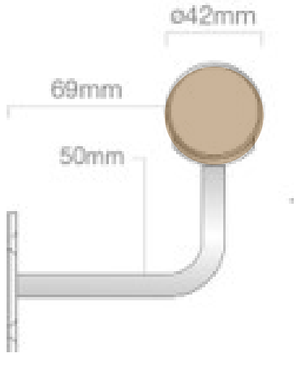



UP
Staircore 1
18.29 m²
Staff Office
12.60 m²
Elec Riser
2.40 m²
Mech Riser
1.98 m²
Lift 1
9.68 m²
C-1
17.55 m²
C-2
16.61 m²
En-Suite
4.34 m²
En-Suite
4.32 m²
Dirty Utility
13.53 m²
Hoist Store / Linen
7.32 m²
Dining
40.76 m²
Clean Utility
15.02 m²
Resident WC
4.58 m²
Visitor WC
2.04 m²
C-3
16.82 m²
En-Suite
4.49 m²
IC-4
16.56 m²
En-Suite
4.62 m²
Assisted Bathroom
28.15 m²
Mech Riser
2.64 m²
D-1
16.60 m²
En-Suite
4.32 m²
D-2
16.58 m²
En-Suite
4.32 m²
Balcony
5.68 m²
Activity
37.77 m²
Balcony
8.13 m²
Circulation
46.46 m²
Circulation
38.46 m²
Circulation
29.30 m²
Circulation
47.47 m²
Circulation
66.08 m²
Staff Room
38.62 m²
Cpd
1.18 m²
Mech Riser
1.98 m²
Mech Riser
2.40 m²
Circulation
33.88 m²
Assisted Bathroom
17.40 m²
En-Suite
4.41 m²
En-Suite
4.35 m²
En-Suite
4.39 m²
C-10
15.90 m²
C-9
16.63 m²
C-8
15.63 m²
Lounge
43.29 m²
C-7
16.60 m²
En-Suite
4.42 m²
C-6
16.82 m²
En-Suite
4.42 m²
C-5
16.61 m²
En-Suite
4.41 m²
Balcony
17.50 m²
UP
Elec Cpbd
2.15 m²
Elec Utility
1.03 m²
Staircase 2
17.54 m²
Riser/Srvs Cpbd
2.58 m²
En-Suite
4.42 m²
En-Suite
4.23 m²
D-3
16.38 m²
D-4
16.64 m²
D-10
15.96 m²
En-Suite
4.31 m²
Hoist Store / Linen
7.38 m²
Dirty Utility
13.56 m²
Telephone/ work booth
Print/recycle zone
Seating
Office
99.38 m²
2no Meeting Pods
8no 1400 workstations
Circulation
45.96 m²
Terrace
Timber slat screen
Kitchenette and lockers
Kitchen
94.64 m²
Dry Store
15.83 m²
Assisted Bath
16.61 m²
E-1
17.58 m²
E-2
16.38 m²
E-3
16.37 m²
Balcony
17.17 m²
Lounge
42.41 m²
E-4
16.36 m²
E-5
16.36 m²
E-6
16.37 m²
En-Suite
4.24 m²
En-Suite
4.22 m²
En-Suite
4.28 m²
En-Suite
4.28 m²
En-Suite
4.17 m²
En-Suite
4.13 m²
Circulation
23.61 m²
Circulation
40.86 m²
Circulation
30.01 m²
Circulation
9.02 m²
Circulation
10.12 m²
Circulation
61.34 m²
Lift 4
7.44 m²
Lift 3
9.36 m²
Staircore 4
30.25 m²
Male Changing
16.87 m²
Female Changing
15.68 m²
Cleaners Store
11.89 m²
Circulation
33.44 m²
En-Suite
4.37 m²
En-Suite
4.33 m²
E-9
15.46 m²
E-10
16.85 m²
Hoist Store / Linen
7.01 m²
Dirty Utility
14.00 m²
Dining
38.61 m²
Resident WC
4.48 m²
Visitor WC
2.01 m²
Clean Utility
14.72 m²
En-Suite
4.28 m²
E-7
16.39 m²
E-8
16.39 m²
En-Suite
4.37 m²
En-Suite
4.39 m²
Mech & Elec Riser
4.79 m²
Circulation
4.41 m²
Cpd
3.28 m²
En-Suite
4.47 m²
D-8
16.51 m²
En-Suite
4.39 m²
D-7
16.61 m²
Therapy Room
37.40 m²
Balcony
9.78 m²
Balcony
6.84 m²
Riser/Srvs Cpbd
2.58 m²
Staircase 2
17.91 m²
Lift 2
9.68 m²
En-Suite
4.40 m²
D-9
16.83 m²
Resident WC
4.58 m²
Visitor WC
2.04 m²
Clean Utility
15.06 m²
En-Suite
4.23 m²
D-5
16.42 m²
En-Suite
4.42 m²
D-6
16.44 m²
Balcony
18.30 m²
Lounge
43.08 m²
Dining
40.16 m²
rwp



1. Colour of flooring contrasts with walls within a 30 point LRV rating. (Light reflectance value, essentially the difference in colour and contrast.
2. Floor contrasts with furniture. Furniture contrasts with seat pads.
3. Handrails and items used for stability contrast with walls.
4. Skirting contrasts with both floor and walls see where floor ends and wall begins.
5. Flooring consistent colour/tone throughout including thresholds. Same tone of flooring between circulation and social spaces.
6. Large patternes avoided for floor and walls. No carpets used.
7. Feature wallpapers are simple with fine patterns. No digital wallpaper / patterns or fake scenery.
8. Colour recognition deteriorates in dementia residents. Increased saturation of colours, especially those on blue/violet scale.
9. Concealed areas where residents do not need to access. Ie, utility doors blend into the corridor walls with skirting/handrails in front.
10. We aim to maximise natural light by using full height windows throughout.
11. Bright in door lighting with consistent lux levels to ensure no shadows.
12. Daylighting controls automatically change throughout day to support regular circadian rhythm.
13. Matte colours will be used with no shiny finishes to reducec glare.
14. Ceilings and floors are acoustically specified, supported by curtains and soft furnishings to absorb sound.
15. Plenty of large, clearly visible analogue clocks. This aids independence.
16. General technology used by residents will be adapted to have larger buttons, numbers and will be simple to use.
17. Building has an overall domestic feeling.





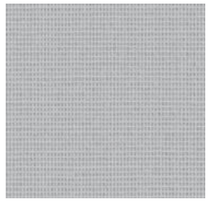




HE VINYL

Excellence 80 Fibre Wood Soft Grey

Roll Product
Ciculation + Bedrooms



HE VINYL

Excellence 80 Tissage Grege

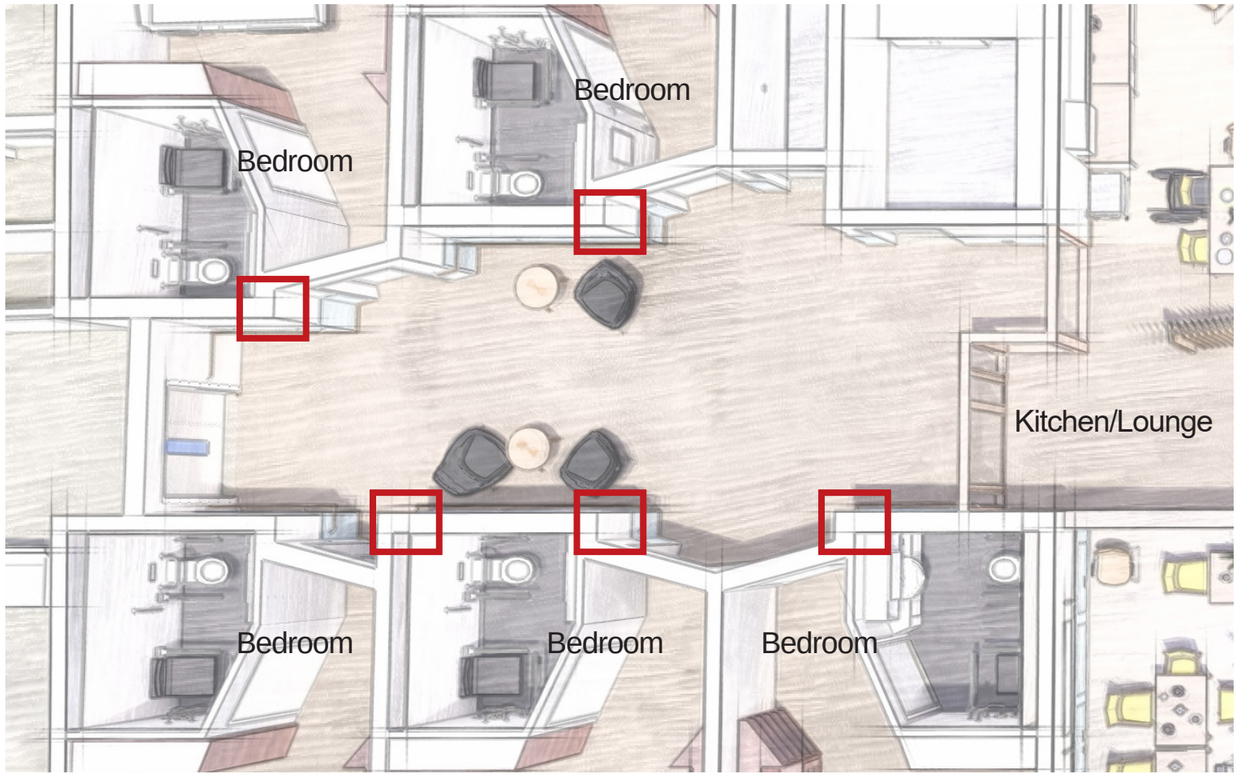
Roll Product
Lounge



HE VINYL

Excellence 80 Granito Warm Grey

Roll Product
Dining



Red boxes show location of memory boxes



Typical memory box outside door

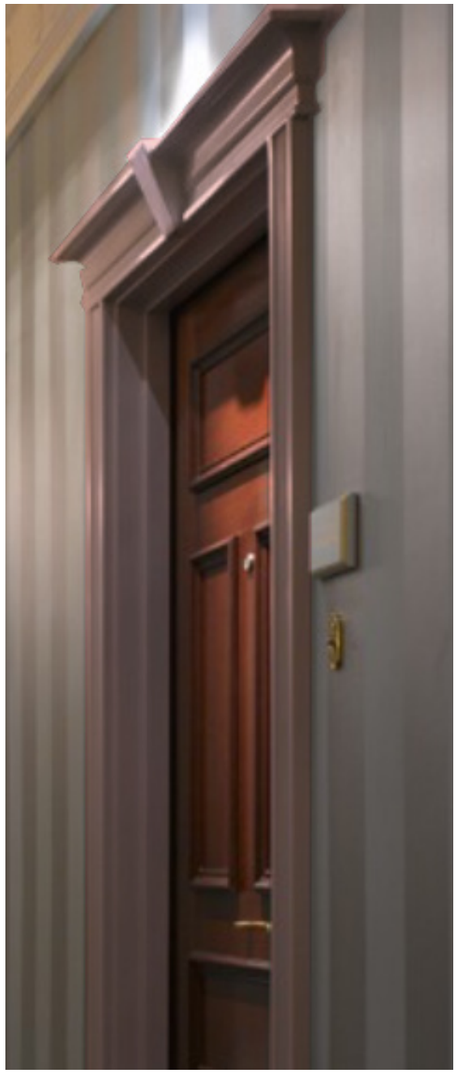




Sentinal hand and finger protection

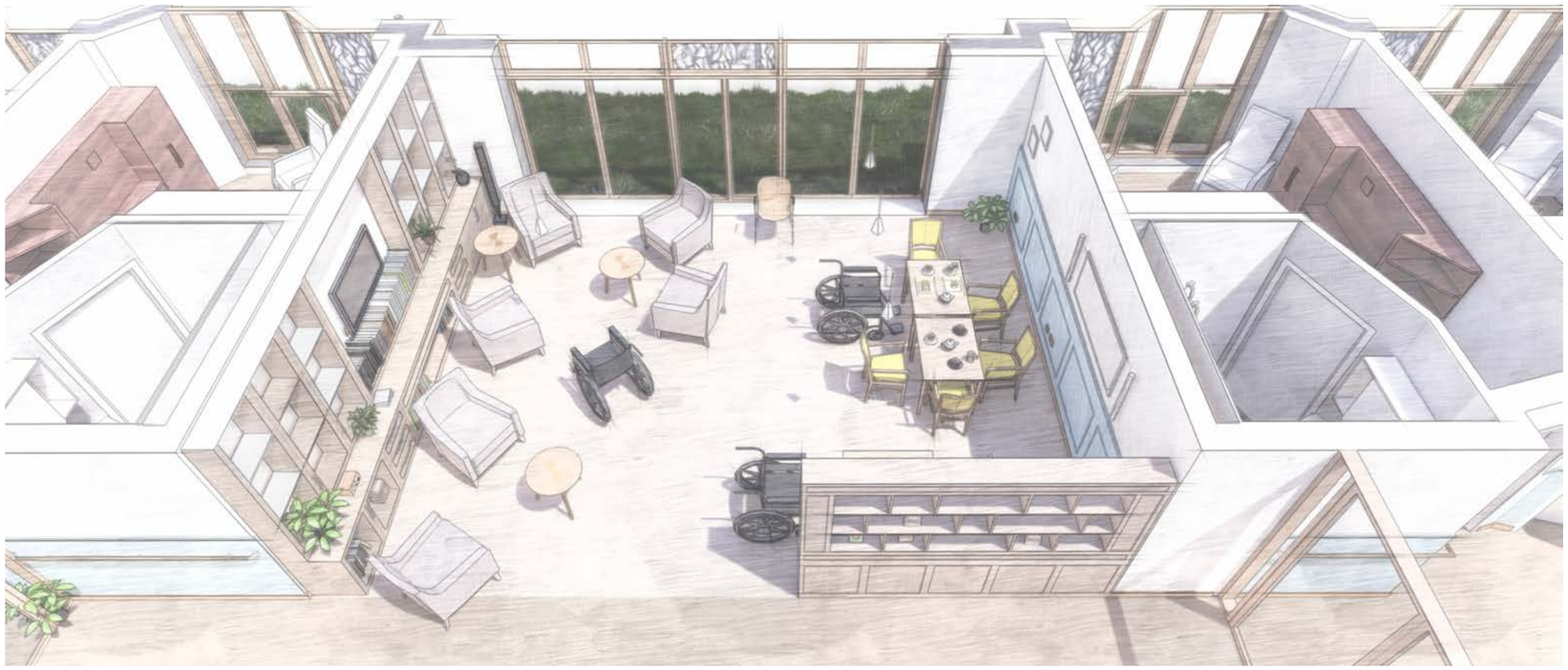


Lever handles



Example Door

Lounge and Dining Area



Lounge



Media Unit

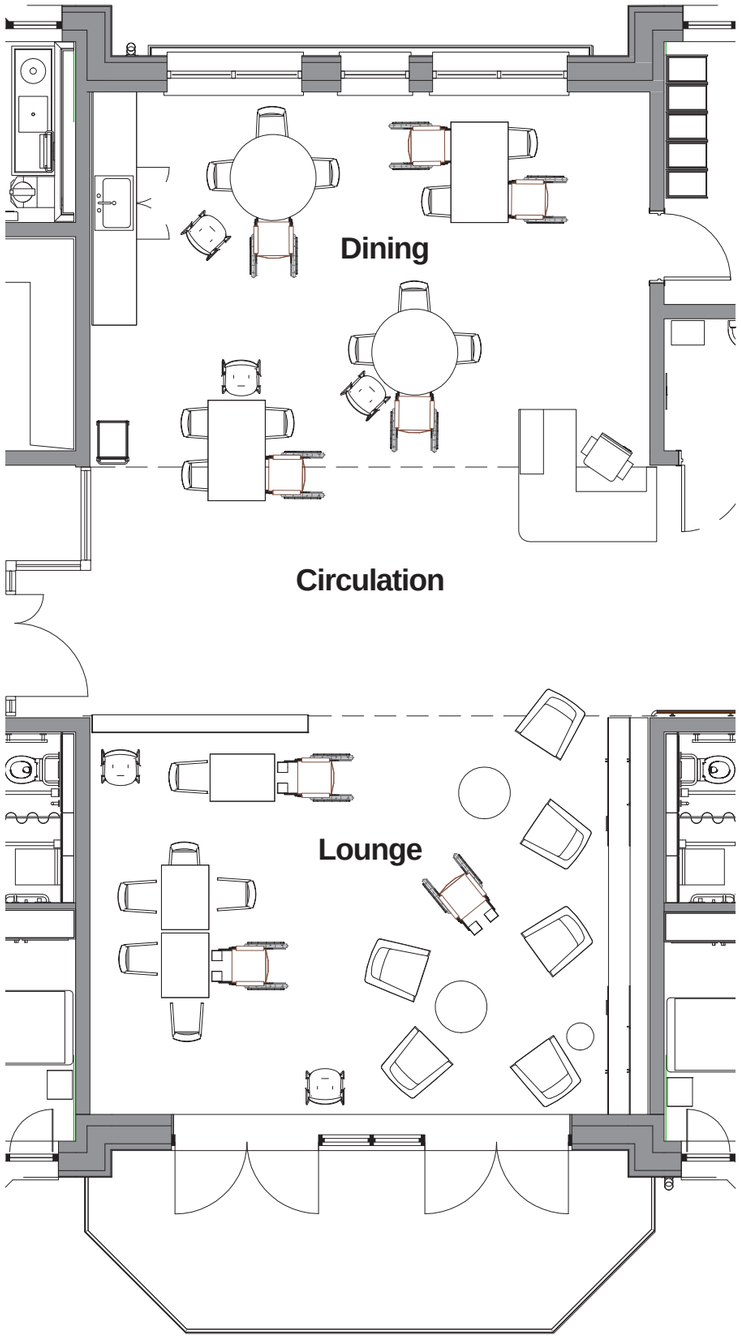


Dining



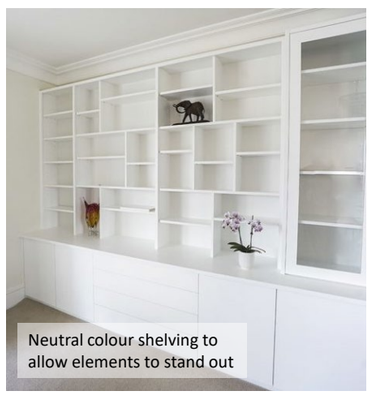
Example Kitchen. Domestic Feeling

Meaningful Occupation and Activity




Some glazed cabinets

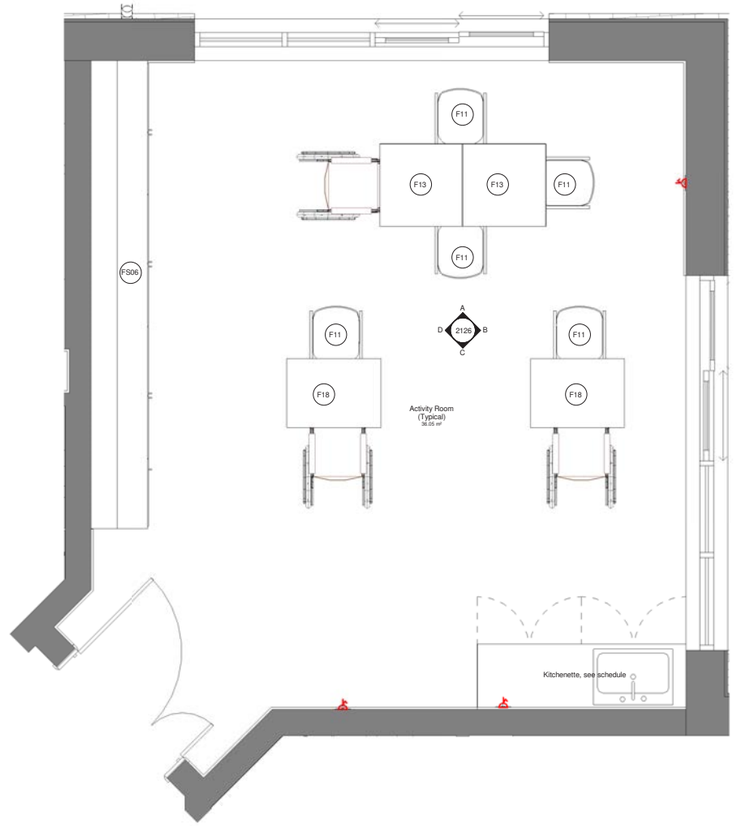

Concealed shelf lighting


Neutral colour shelving to allow elements to stand out

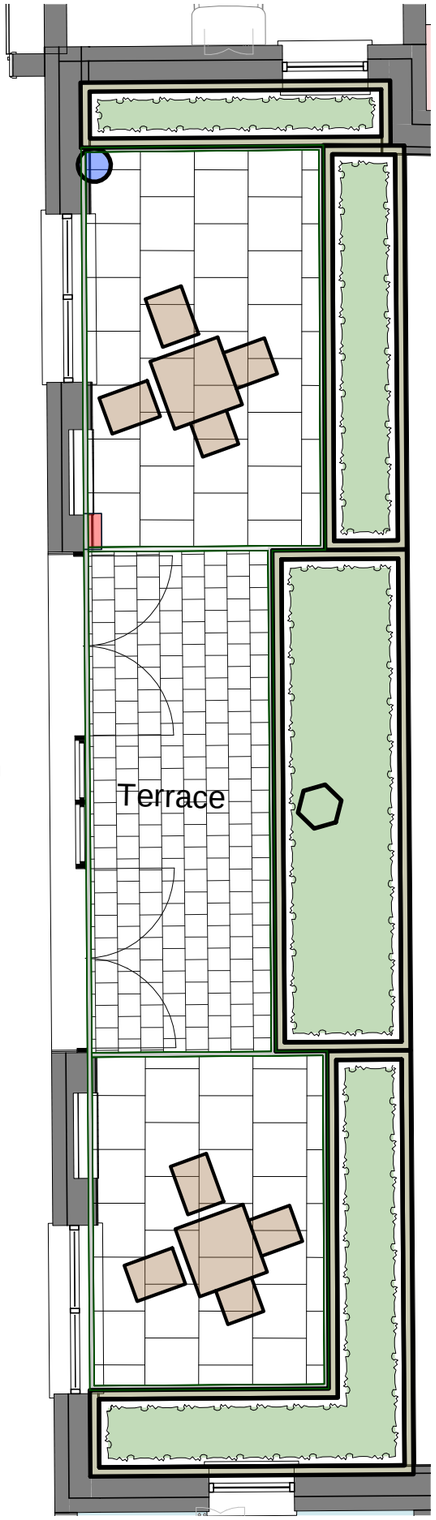

Adjustable height tables


Magnetic whiteboard wallcovering

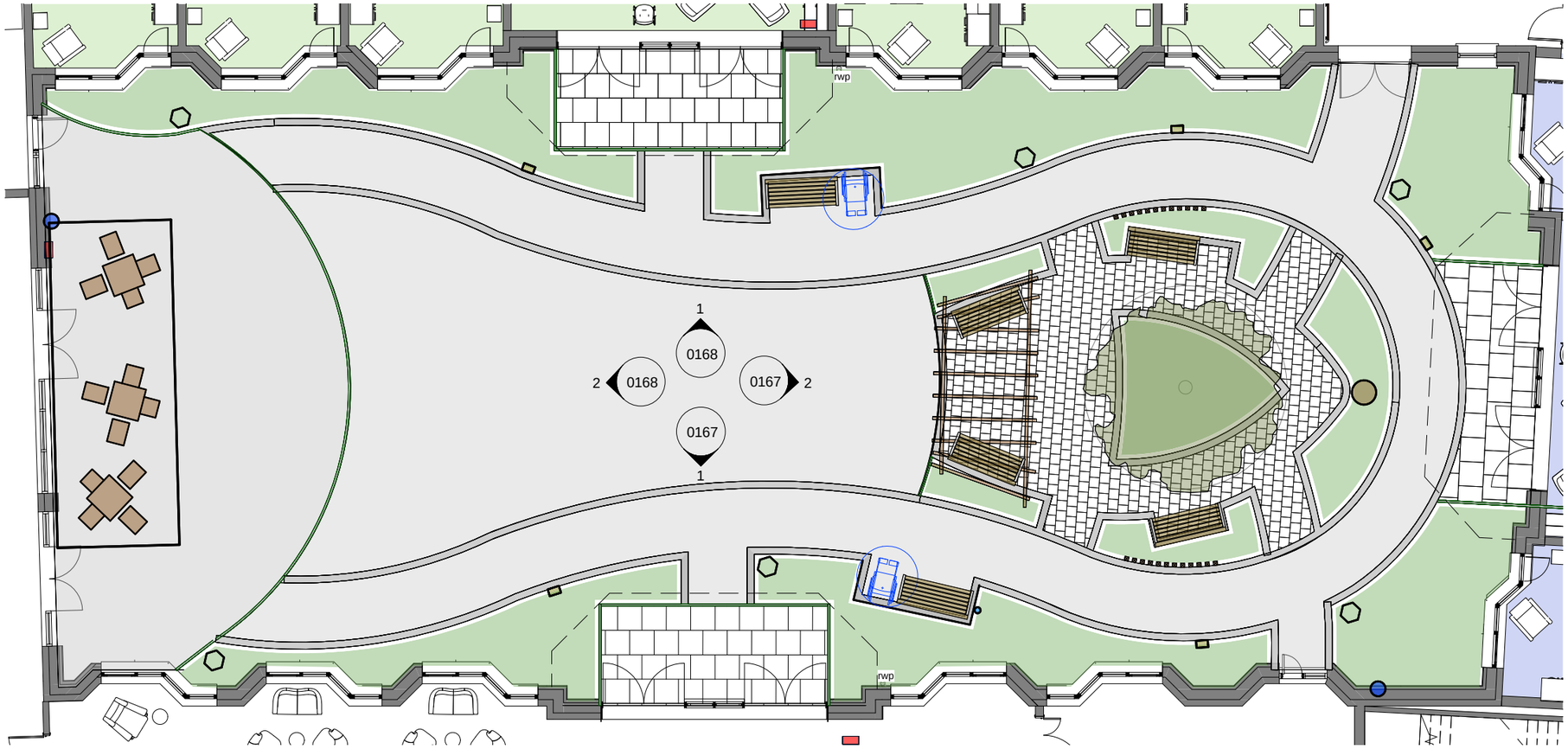

Picture ledge shelving



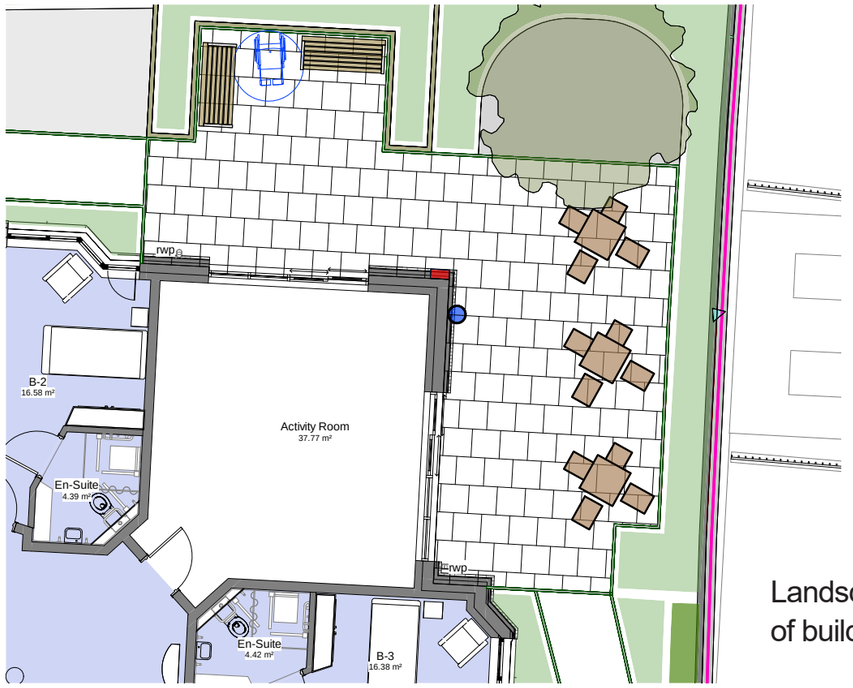
Activity Rooms



First Floor landscaped terrace

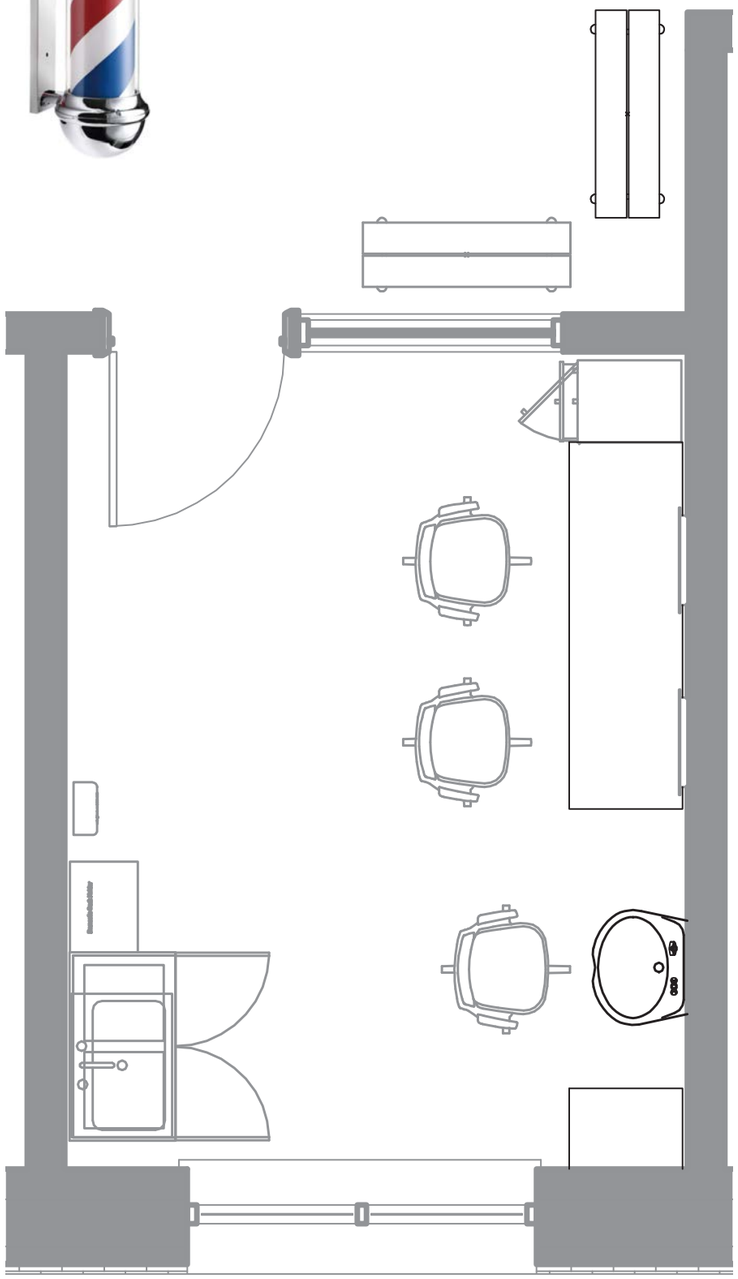


Courtyard Garden

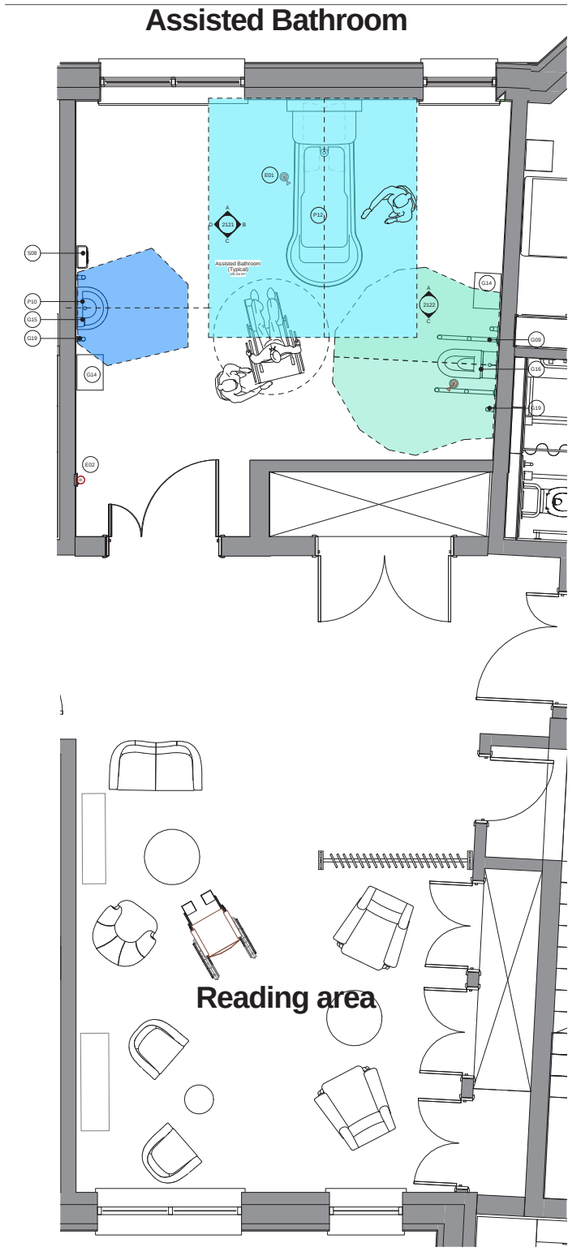


Landscaping around the outside of building





Hairdressing & Chiropody



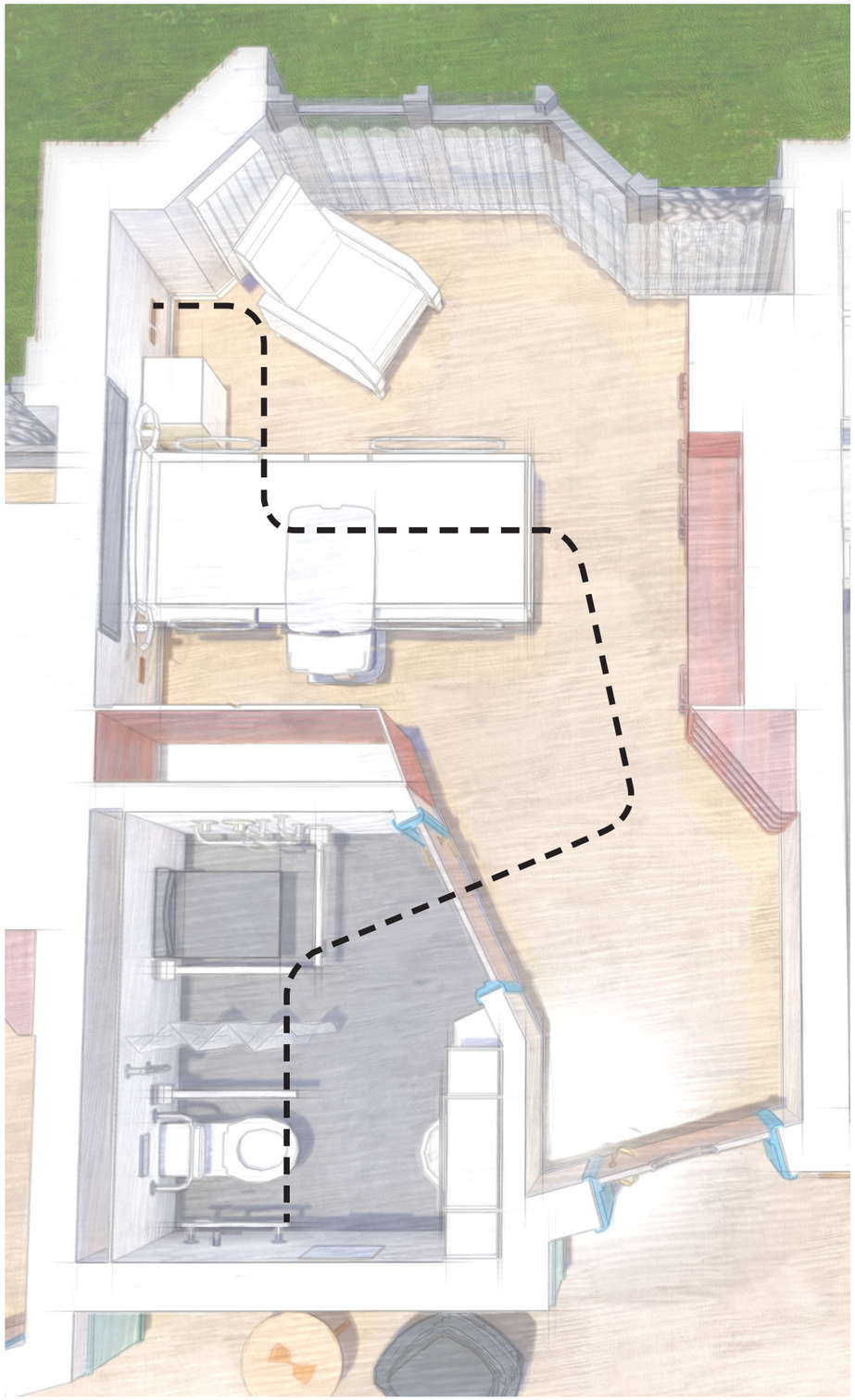


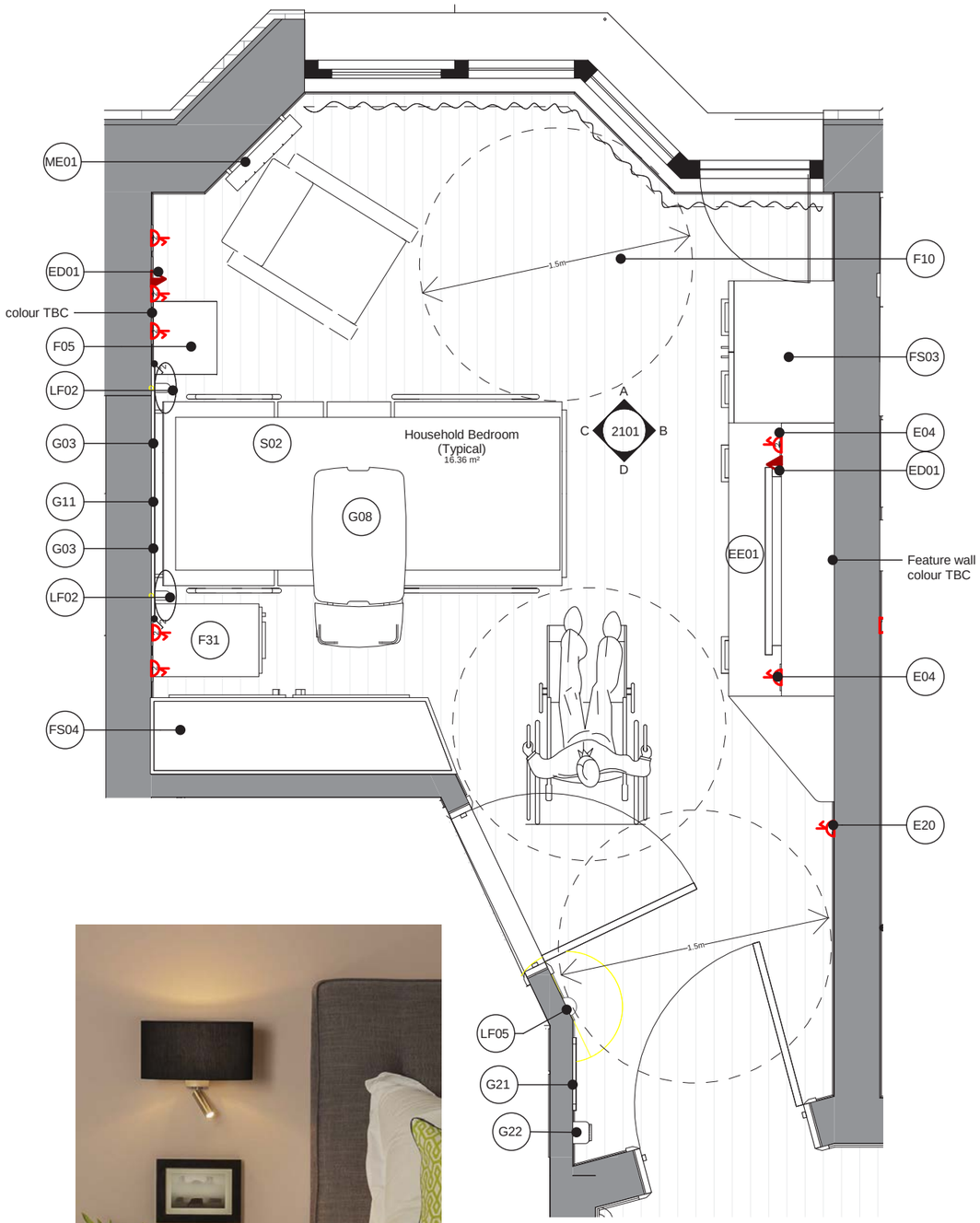
Example Assisted Bathroom



Ceramic wall tiles

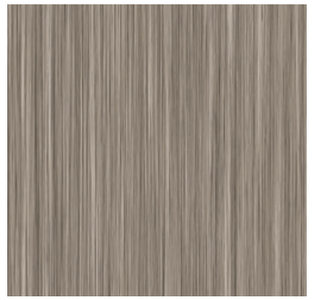
Bedrooms







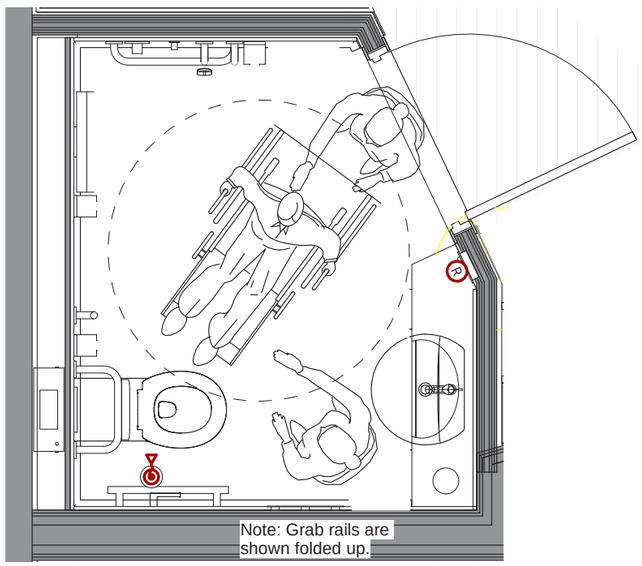
Feature wall behind bed

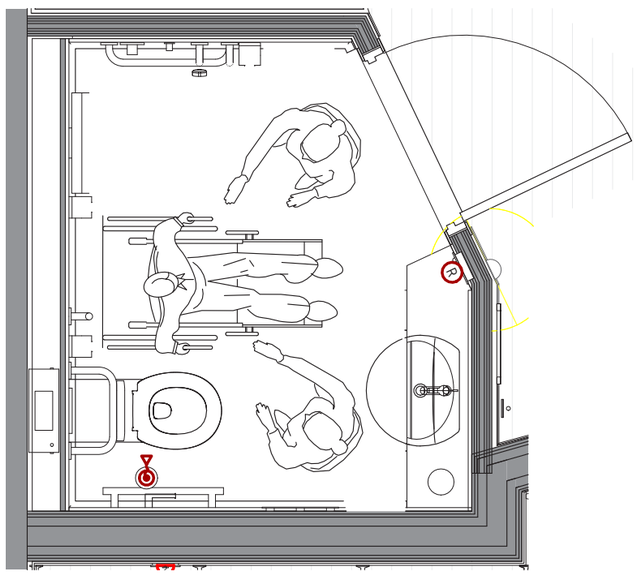


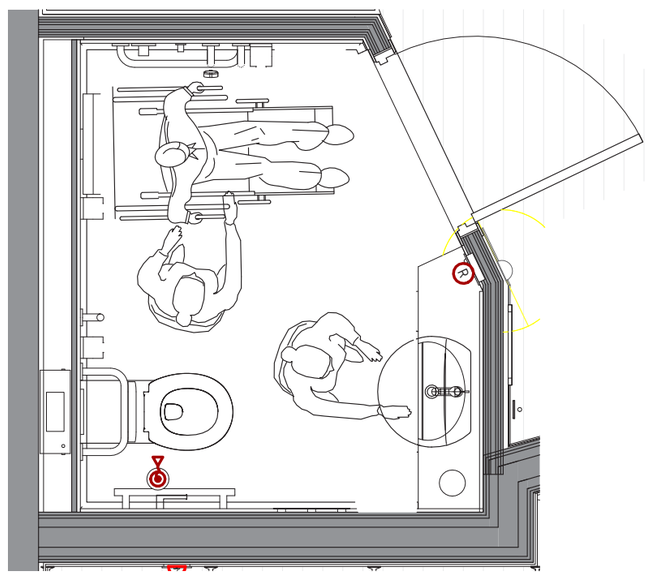
HE VINYL

Excellence 80
Fibre Wood
Soft Grey

Roll Product
Ciculation + Bedrooms

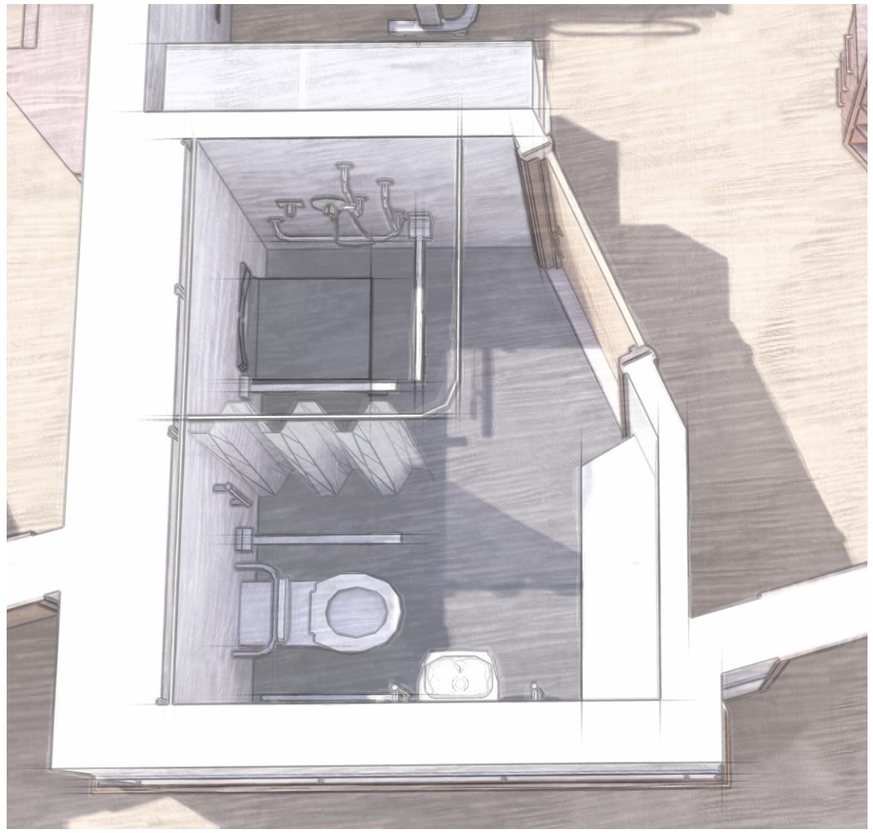






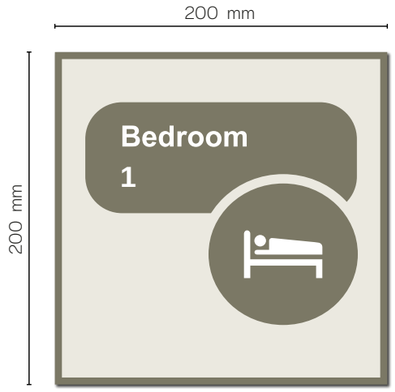


Lever Taps

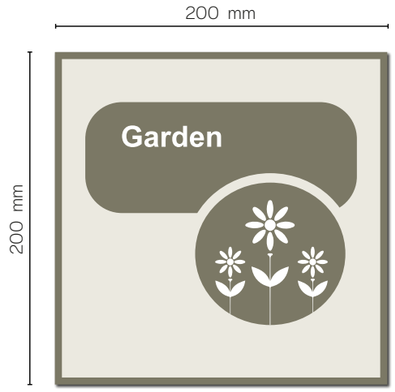




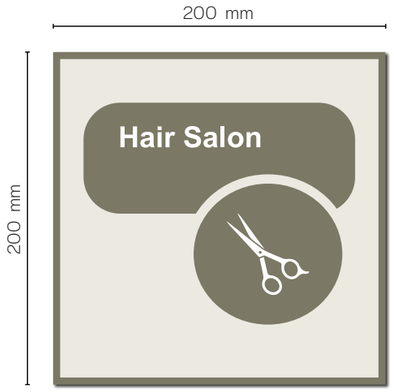
Example En-suite. Promotes Independence



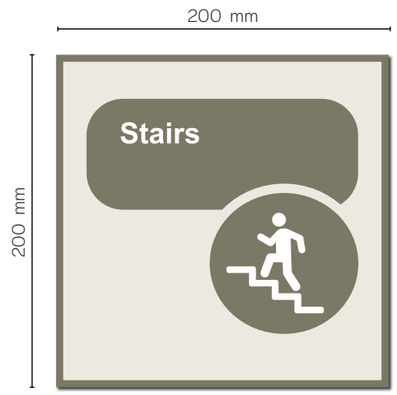
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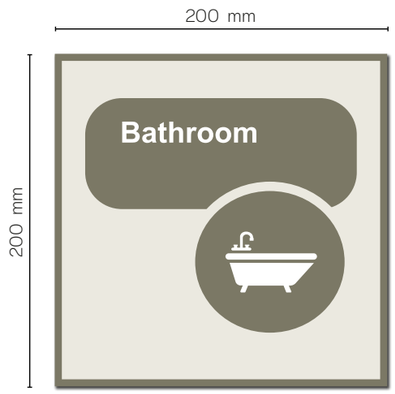
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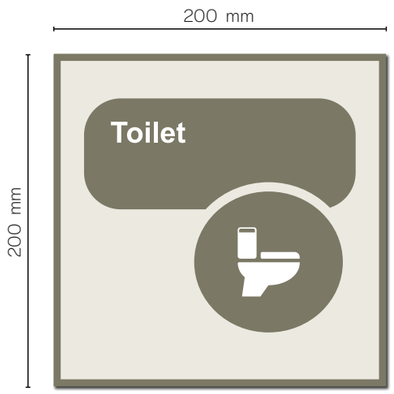
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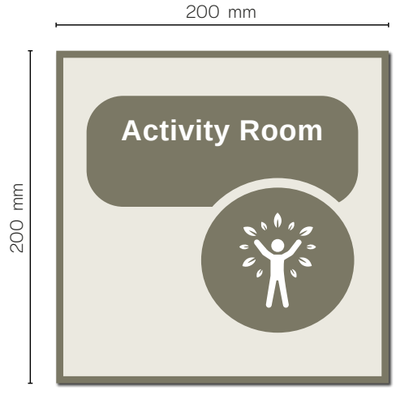
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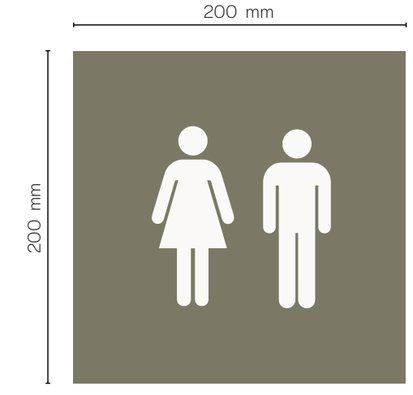
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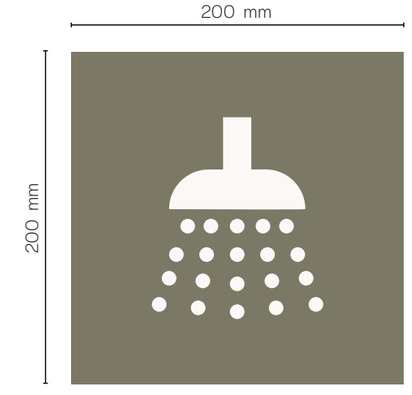
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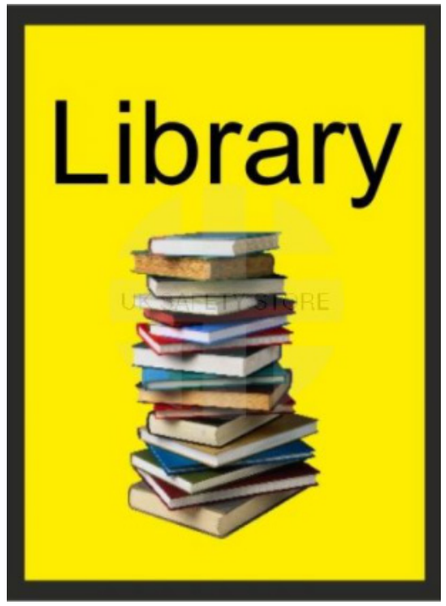
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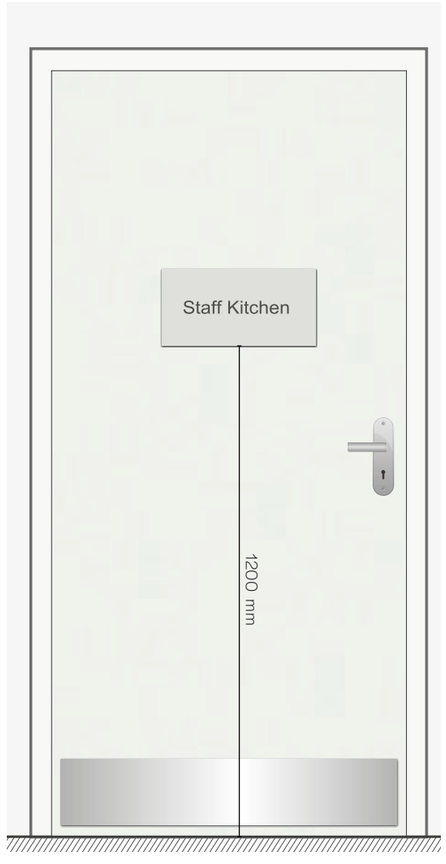


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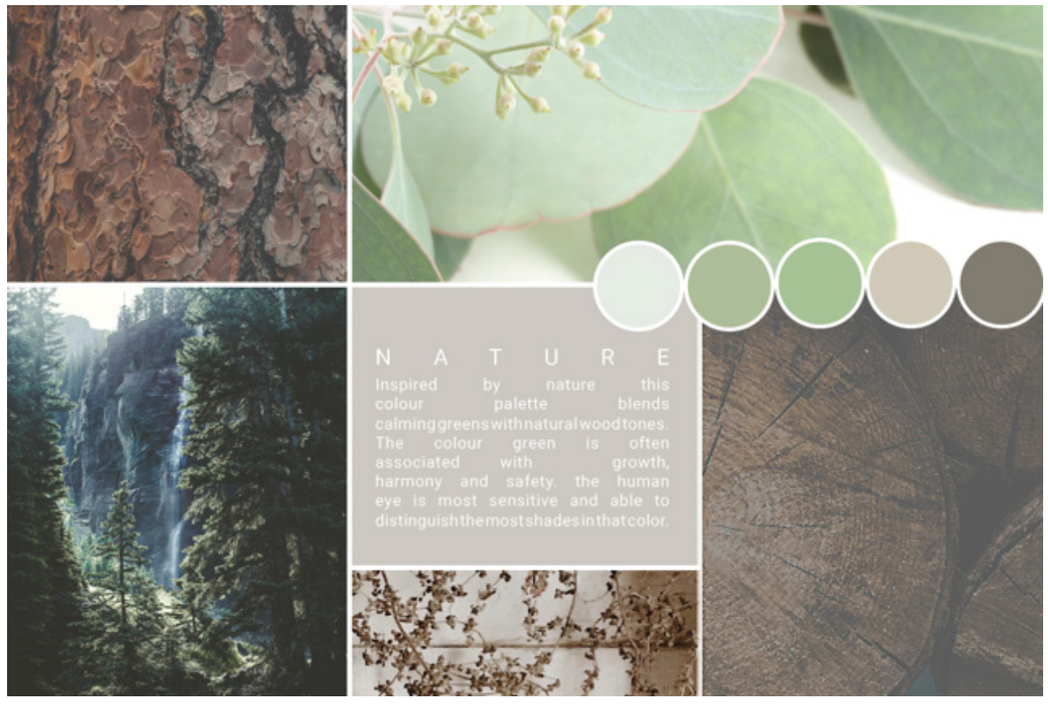


Quantity: 3











- Soothing Colour Palettes
- Domestic feeling

Origon Hub - Connectivity



- Everon system fully links on to the main access control system and can be operasted by the Residents watch.
- The main Everon Montior can be held or mounted in the residents' rooms and intergrated in to all deivces.