

Good Practices in Centre Design

S/N	Type of Works	Scope Description	Good Practices in Centre Design*
1	Safety and barrier-free enhancements		
a	Lighting	Provision of adequate lighting to conduct activities comfortably. Recommended lux level: <ul style="list-style-type: none"> • 300 lux - Toilet & Store • 500 lux - Remaining areas 	Incorporate nature element into the design: <ul style="list-style-type: none"> • Use ample windows to allow natural lighting and ventilation as well-lit centre can enhance mood and well-being. • Windows also promote openness and connections with the surrounding environment.  <ul style="list-style-type: none"> • Biophilic Design: Use natural lighting, and plants to promote tranquillity.
b	Grab bars	<ul style="list-style-type: none"> • Installation of grab bars at areas which are accessible to seniors and slippery. • For toilets, grab bars installed at the water closet and shower area should have a seamless nylon finish with a textured surface to provide an anti-slip grip and is non-reflective. 	<ul style="list-style-type: none"> • Combine Universal Design with Biophilic Design: While ensuring all areas are accessible to individuals with mobility challenges (e.g., ramp, wide doorways & walkways, handrails, grab bars, etc), also incorporate

S/N	Type of Works	Scope Description	Good Practices in Centre Design*
1	Safety and barrier-free enhancements		
			natural element into the design to create a calming ambience.
c	Anti-slip treatment/ replacement of flooring	<ul style="list-style-type: none"> Provision of anti-slip treatment/ replacement of floor tiles at areas accessible to seniors. 	
d	Levelling of uneven flooring for wheelchair accessible within centre	<ul style="list-style-type: none"> Provision of ramp or levelling of floor at areas accessible to seniors where there are level differences between 2 areas or uneven flooring (e.g., popping tiles, bubbling vinyl floor). 	
e	Wheelchair accessible door opening	<p>To meet the minimum width of door opening for seniors on wheelchair.</p> <ul style="list-style-type: none"> main entrance - 850mm wide (1200mm if space permits); and toilets, rooms & exits - 850mm wide. 	<ul style="list-style-type: none"> Use large and clear signage (e.g., legible fonts or symbols) and landmarks to assist wayfinding.
f	Emergency call bell in all toilets	<ul style="list-style-type: none"> Installation of waterproof emergency call bell with push button or pull cord on the wall adjacent to the water closet (WC) and in front of the WC that is accessible and within sight of the user. Installation of emergency call bell with strobe light and adjustable volume call bell siren directly above the toilet door. 	 <p>Source: SLEC Kebun Baru</p> <p>Source: NTUC Health Wisma Geylang CC</p> <p>Source: PeaceHaven Jade Circle</p>
g	CCTV	<ul style="list-style-type: none"> Provision of adequate CCTV at seniors' accessible areas, except areas which require privacy. 	

S/N	Type of Works	Scope Description	Good Practices in Centre Design*
2	Space Planning & Reconfiguration for Centre Space		
a	Provision of multi-purpose rooms or area	Addition/ Reconfiguration of conducive space for Active Ageing Programmes (AAP), Social Connector to Social and Lifestyle Interventions and Community Screening (2S) and Community Health Post (CHP) services.	<ul style="list-style-type: none"> • Design versatile spaces that can accommodate various activities and allow flexible engagement with seniors.  <ul style="list-style-type: none"> • Use spatial design and open concept to create large and open areas that encourage movement and social interaction.  <ul style="list-style-type: none"> • Divide the centre into distinct zoning (e.g. communal, quiet) to cater to different needs.

S/N	Type of Works	Scope Description	Good Practices in Centre Design*
2		Space Planning & Reconfiguration for Centre Space	
			 <ul style="list-style-type: none"> • Strategically place seatings throughout the centre for rest and relaxation.  <ul style="list-style-type: none"> • Design health and wellness zones for exercise (e.g., gymnasium), yoga, screening, etc.

S/N	Type of Works	Scope Description	Good Practices in Centre Design*
2		Space Planning & Reconfiguration for Centre Space	
			 <ul style="list-style-type: none"> • Develop therapeutic areas for horticultural therapy.  <ul style="list-style-type: none"> • Design creative zones for creative activities (e.g., art and crafts rooms).

S/N	Type of Works	Scope Description	Good Practices in Centre Design*
2 Space Planning & Reconfiguration for Centre Space			
			 <ul style="list-style-type: none"> • Provide technology zones with computers and tablets for digital literacy programmes. • Design intergenerational spaces to encourage interaction between different age groups, fostering a sense of community and mutual support.
b	Provision of a pantry	Addition/ Reconfiguration of a pantry for food preparation and a dining area for communal dining.	<ul style="list-style-type: none"> • Create inviting communal dining spaces that encourage meals together and social interaction. 

*Source of photos: MOHH (Images for illustrative purposes only)

Part 2: Optional / Other Spaces

S/N	Type of Works	Description																		
1	Space Planning & Reconfiguration (Other Spaces)																			
a	Reconfiguration of other spaces	Reconfiguration (e.g., removal of existing walls / rooms or relocation of rooms)/ sprucing up of overall centre space/ layout to optimise the use of space and allow more flexibility in space configuration.																		
b	Addition/ Upgrading of Toilets	<p>Provision of sufficient toilets (based on site suitability). Recommended guide on the number of toilets:</p> <ul style="list-style-type: none"> Upgrading of existing toilets to follow the requirements of BCA's Code on Accessibility in Built Environment¹ and to be elderly friendly: <table border="1" data-bbox="512 673 1104 943"> <thead> <tr> <th>Centre Floor Area (sqm)</th> <th>Ambulant Toilet</th> <th>Toilet with Shower</th> </tr> </thead> <tbody> <tr> <td>≤200</td> <td>1</td> <td>1</td> </tr> <tr> <td>201 to ≤300</td> <td>2</td> <td>1</td> </tr> <tr> <td>301 to ≤400</td> <td>2</td> <td>2</td> </tr> <tr> <td>401 to ≤500</td> <td>3</td> <td>2</td> </tr> <tr> <td>501 to ≤600</td> <td>3</td> <td>3</td> </tr> </tbody> </table> <p><u>General</u></p> <ul style="list-style-type: none"> Emergency call bell strobe light with adjustable volume call bell siren should be installed directly above the toilet door. Install hollow core/ lightweight sliding door, preferably top-hung and installed to slide within the toilet. Doors should be equipped with an easy to operate thumb turn lock with coin turn on the exterior and a red/ green (occupied/ vacant) visual indicator. 	Centre Floor Area (sqm)	Ambulant Toilet	Toilet with Shower	≤200	1	1	201 to ≤300	2	1	301 to ≤400	2	2	401 to ≤500	3	2	501 to ≤600	3	3
Centre Floor Area (sqm)	Ambulant Toilet	Toilet with Shower																		
≤200	1	1																		
201 to ≤300	2	1																		
301 to ≤400	2	2																		
401 to ≤500	3	2																		
501 to ≤600	3	3																		

¹ As there may be periodic updates of the BCA Accessibility Code, please ensure that the latest version is referred to during renovation.

		<p><u>Toileting zone</u></p> <ul style="list-style-type: none">• Avoid kerbs and drops at all toilet entrances.• An auto-sensor flush valve with manual bypass for water closet.• A self-closing water spray head with a flexible hose adjacent to the toilet seat for cleaning purposes.• Waterproof emergency call bell with push button or pull cord shall be installed on the wall adjacent to the water closet, that is accessible and within sight of the user.• Plastic toilet roll holder, preferably jumbo toilet roll holder, without sharp edges and installed within reach of the water closet. <p><u>Showering zone</u></p> <ul style="list-style-type: none">• Sturdy and foldable shower seat with armrests and supporting legs.• Waterproof emergency call bell with pull cord in the showering area. <p><u>Washroom accessories</u></p> <ul style="list-style-type: none">• Stainless steel coat hooks with stainless steel mounting, preferably installed adjacent to the door, instead of on the washroom door. Minimally, there should be one coat hook provided in each AMBWC and two coat hooks in each AIWSH.• Hand dryer (plastic, non-reflective and no sharp edges), adjacent to hand wash basin.• Mirror, for all washrooms. For AIWSH, provide tilt mirror for wheelchair users. All mirrors shall not have sharp edges.• Grab bars at the water closet and shower area. Grab bars should have a seamless nylon finish with a textured surface to provide an anti-slip grip and is non-reflective.• All hand wash basins are preferred to be equipped with a long lever tap that swivels from side to side.
--	--	--