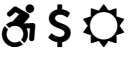


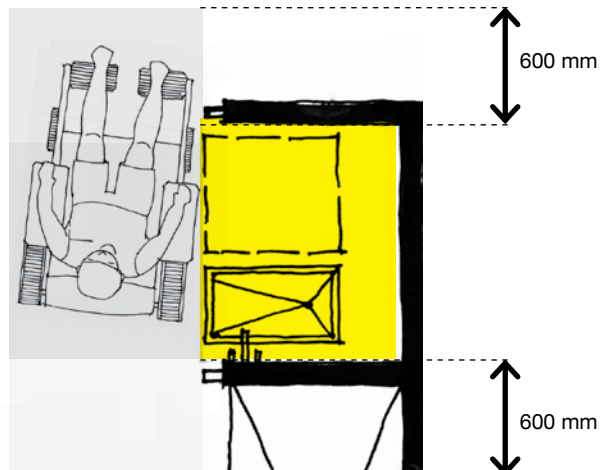


10. Laundry

10.1 Footprint

<input checked="" type="checkbox"/>	Ref.	Provision	Reason	Value
<input type="checkbox"/>	10.1.1	Min. 1200mm (w) x 800mm (d)	Allows for compact European laundry (trough and stacked washing machine and dryer) behind screening door	
<input type="checkbox"/>	10.1.2	The laundry space should be designed to support ease of movement and adaptation with: at least 1550mm clearance in front of fixed benches and appliances (excluding handles)		LHA Platinum

**Laundry Key
Spatial Provisions**



10.2 Positioning Within Dwelling

<input checked="" type="checkbox"/>	Ref.	Provision	Reason	Value
<input type="checkbox"/>	10.2.1	Locate away from bedrooms	Supports acoustic privacy to sleeping areas [Increased sensitivity]	
<input type="checkbox"/>	10.2.2	Locate in a separate room or provide a screening door (European laundries)	Limits noise disturbance and supports residential aesthetic	

Components

10.3 Washing Machine, Tapset and Dryer – Spatial Provisions

<input checked="" type="checkbox"/>	Ref.	Provision	Reason	Value
<input type="checkbox"/>	10.3.1	Consideration must be given to whether it is appropriate for the laundry appliances (washing machine and dryer) to be accessible in seated or standing position Note: This requirement does not specifically define when seated or standing access would be appropriate. Provisions below suggest when access from a seated and/or standing position is likely to be appropriate. Suggestions are also provided on how to achieve access from a seated or standing position, for people using a range of wheeled mobility devices, of varying posture and stature. [Assistive products]		SDA High Support
<input type="checkbox"/>	10.3.2	An occupant desires to launder their own clothing independently <ul style="list-style-type: none"> Seated access to appliances is appropriate 		Supports SDA
<input type="checkbox"/>	10.3.3	An occupant at times may require support by an able-bodied support person, friend or family member to carry out a task, or may live with an able-bodied family member or friend <ul style="list-style-type: none"> Standing access to appliances is appropriate 		Supports SDA
<input type="checkbox"/>	10.3.4	Appliances offset min. 600mm from internal corners, to allow a person using a wheelchair to approach each appliance from either side. [Multi-sided approach]		Supports SDA
<input type="checkbox"/>	10.3.5	Capacity to adjust the height of appliances from floor height to 450mm AFFL, to suit a standing user or seated user, with reduced upper body mobility [Reach]		Supports SDA
<input type="checkbox"/>	10.3.6	Allow for front-loading machine, to suit a seated person		Supports SDA
<input type="checkbox"/>	10.3.7	Side-mount taps at 1050mm AFFL, within 300mm of washing machine front, to improve control for a seated person. [Reach]		Supports SDA
<input type="checkbox"/>	10.3.8	Where the appliances are not installed then the recessed area provision for an appliance shall be a minimum of 600mm in depth.		LHA Platinum
<input type="checkbox"/>	10.3.9	Min. 750mm (D) x 650mm (W) spatial allowance (clear of screening door)	Allows sufficient depth for waste outlet, hoses, door, etc., to enable flush laundry edge perimeter	
<input type="checkbox"/>	10.3.10	Provide external venting to dryer	Adequately rids space of moisture and odour	

⦿ Detailed Design

Dryer Type

The points below may be useful prompts when designing an accessible laundry. Two types of dryer are generally available:

1. Condenser-type (combined washing and drying)

- No external venting required. (Steam is collected via a water reservoir.) Works well for concealed European laundries where external venting is impossible to achieve
- Less space needed (only one machine)
- Water reservoir requires emptying after each load, which may be onerous for a person with limited mobility and strength
- Type tends to have more complicated controls, which may make use for a person with cognitive or intellectual impairment more difficult

2. Vented-type (dryer is separate to washing machine)

- Often more simple controls
- Two separate machines means more clothing can be quickly laundered [**Physical experience**]
- Requires more space to accommodate two machines
- Requires removal of any lint build up after use
- Requires adequate venting, either through mechanical ventilation, or locating in a room with an open window. Note: a vented dryer mustn't be located in a non-vented cupboard



⦿ Detailed Design

Dryer plinth

- The washing machine or dryer can be raised with a custom built or off-the-shelf plinth
- Ensure a level surface and use hold-down brackets and / or matting to prevent movement, vibrations and noise disturbance. [**Increased sensitivity**]
- A propriety plinth may already have feet locking mechanisms that allow for locking in



⦿ Detailed Design

Dryers in small spaces

Where space is limited, appropriate options may include:

- use of a combined washing machine and dryer (both functions can be more easily located at an accessible height)
- stacking a flipped dryer above a washing machine. Note: this configuration may not suit users of small stature using small manual wheelchairs



European laundry with benchspace, TAC RIPL Housing.






10.4 Trough and Tapset – Spatial Planning

<input checked="" type="checkbox"/>	Ref.	Provision	Reason	Value
<input type="checkbox"/>	10.4.1	Min. one bowl	Allows hygienic space for soaking and laundering	
<input type="checkbox"/>	10.4.2	Locate as close to benchtop edge as possible	Reduces reach required for a seated user	
<input type="checkbox"/>	10.4.3	Side-mount tap at 1050mm AFFL, within 300mm of trough front	Improves control of taps for people with limited reach	
<input type="checkbox"/>	10.4.4	Offset min 600mm from internal corners	Allows for a seated user to approach from either left or right-hand side [Multi-sided approach]	

10.5 Benchtop – Spatial Provisions

<input checked="" type="checkbox"/>	Ref.	Provision	Reason	Value
<input type="checkbox"/>	10.5.1	800mm wide benchtop next to the washing machine (on opposite side of machine hinge)	Supports low-effort sorting of clothes, by providing set-down space within close reach of washing machine	
<input type="checkbox"/>	10.5.2	800mm wide benchtop next to the dryer (on opposite side of machine hinge)	Supports convenient sorting of clothes, by providing set-down space next to dryer	
<input type="checkbox"/>	10.5.3	Capacity for knee / foot clearance below 800mm set-down space, to AS 1428.1 (2009)	Supports a seated person being able to easily load and unload laundry. [Reach]	




10.6 Benchtop – Construction and Detailing

<input checked="" type="checkbox"/>	Ref.	Provision	Reason	Value
<input type="checkbox"/>	10.6.1	Where occupant not known – standard 900mm height AFFL	Supports standard industry practice (suited standing posture) and will likely suit a person using a motorised wheelchair	\$  
<input type="checkbox"/>	10.6.2	Capacity for infrequent height adjustments, between 700-1000mm AFFL	Allows customisation to suit varied or changing individual needs	  





10.7 Splashback – Construction and Detailing

<input checked="" type="checkbox"/>	Ref.	Provision	Reason	Value
<input type="checkbox"/>	10.7.1	Extend from 700mm AFFL upwards	Allows for lowering of benchtop to 700mm AFFL if needed, without altering splashback	\$




10.8 Screening Door/s – Construction and Detailing

<input checked="" type="checkbox"/>	Ref.	Provision	Reason	Value
<input type="checkbox"/>	10.8.1	Manual side-sliding doors to openings wider in proportion	Supports manual use by people with limited reach	
<input type="checkbox"/>	10.8.2	Automated roller door to openings taller in proportion	Allows for control by people with limited reach	
<input type="checkbox"/>	10.8.3	full-height sliding doors – fully stackable to either side	Allows full access to concealed laundry space	

10.9 Laundry Storage – Construction and Detailing

<input checked="" type="checkbox"/>	Ref.	Provision	Reason	Value
<input type="checkbox"/>	10.9.1	Pull-out base-unit storage	Storage of dirty linen in convenient location and accessible by a seated user	 
<input type="checkbox"/>	10.9.2	Lowerable overhead open storage	Storage of cleaning agents in convenient location and accessible by a seated user	 

10.10 Ironing Board – Construction and Detailing

<input checked="" type="checkbox"/>	Ref.	Provision	Reason	Value
<input type="checkbox"/>	10.10.1	Slide out / fold-down ironing board	Reduces effort to set up the ironing board	 
<input type="checkbox"/>	10.10.2	Offset any inbuilt ironing board min. 1500mm from an internal corner	Allows for a turning circle either side of the board, enabling control from either the left or right-hand side. [Multi-sided approach]	

⦿ Detailed Design

European Laundry Screening Options

Sliding doors (either full height or smaller 'tambour'-style doors) offer the benefit of allowing manual control of screening, with controls locatable within an accessible reach range. This reduces the likelihood that automation will be needed, saving associated costs. **[Encouraging physical use]**

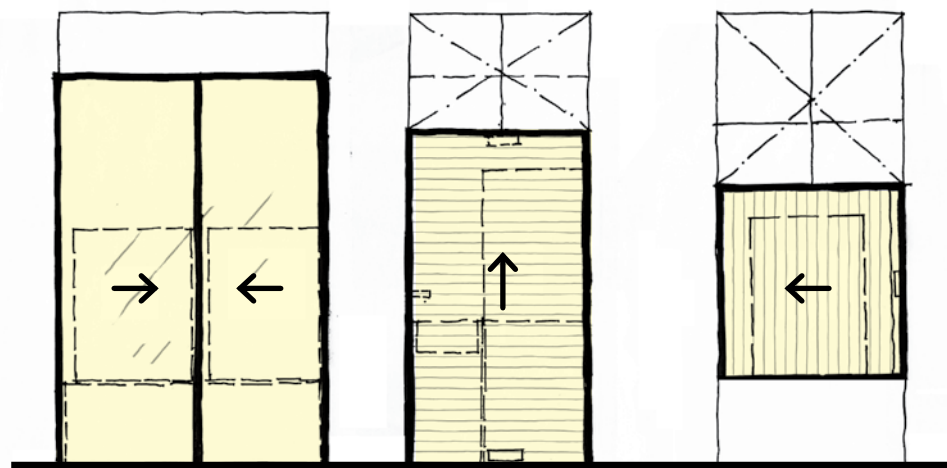
Doors need to operate smoothly to support manual use. **[Dexterity]**. Key considerations to ensure side-sliding tambour doors operate smoothly may include:

- More horizontal proportions (wide opening) rather than vertical (tall opening) will better reduce the weight or 'lag' imposed on the sliding track
- A 'one piece' (L-shaped) sliding track (rather than a 'snail track', which folds around itself) will produce less resistance
- A continuous profile handle can further add strength and rigidity to the sliding door
- Ensure all sliding door and panel configurations allow full access to appliances and/or any benchtop space



Screening door options: Side-sliding tambour door, Abbotsford (left) and Sliding doors, private residence (right).

European Laundry Screening Options



Sliding doors

Vertical roller door

Side-sliding tambour door