

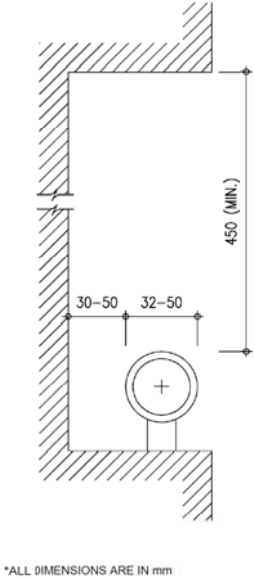
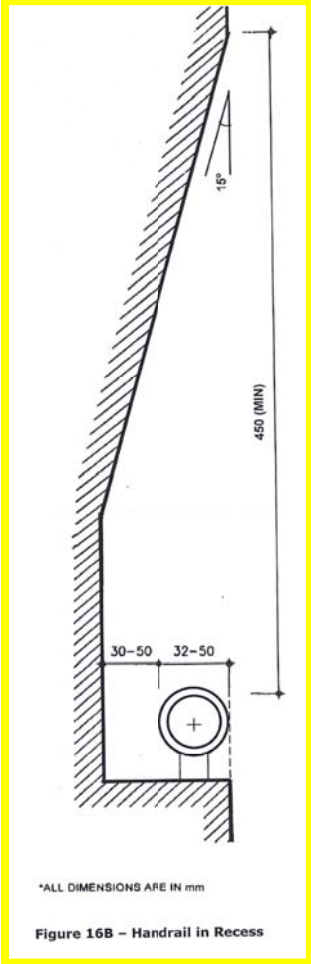
Amendments to Design Manual: Barrier Free Access 2008

Item	2008 version	Amendments
<p>1. Figure 16A (Paragraph 30 in Division 8)</p>	<p>Figure 16A – Handrails of Staircase</p>	<p>Figure 16A – Handrails of Staircase</p>

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Item	2008 version	Amendments
<p>2. Figure 16B (Paragraph B(b) in Division 8)</p>	 <p data-bbox="571 833 743 849">*ALL DIMENSIONS ARE IN mm</p> <p data-bbox="696 895 913 911">Figure 16B - Handrail in Recess</p>	 <p data-bbox="1496 1152 1668 1168">*ALL DIMENSIONS ARE IN mm</p> <p data-bbox="1496 1198 1727 1214">Figure 16B - Handrail in Recess</p>

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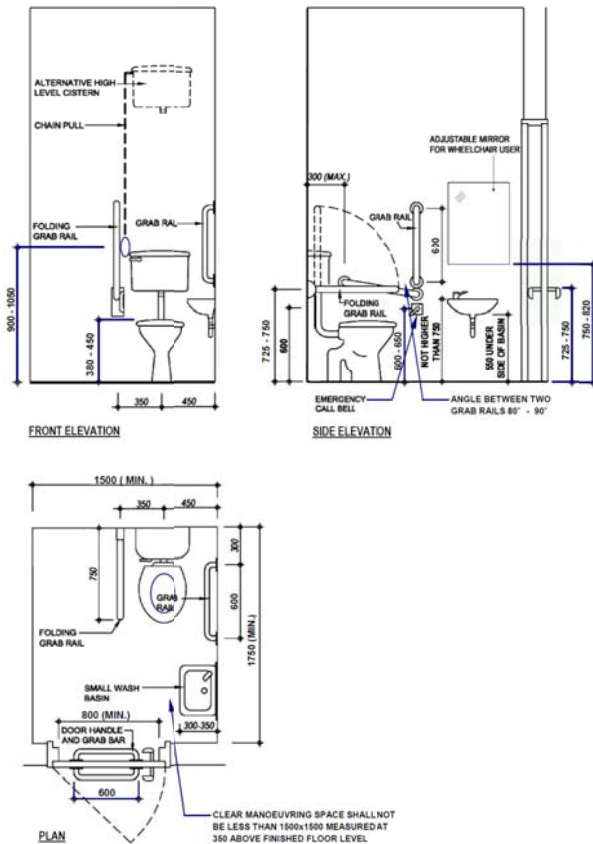
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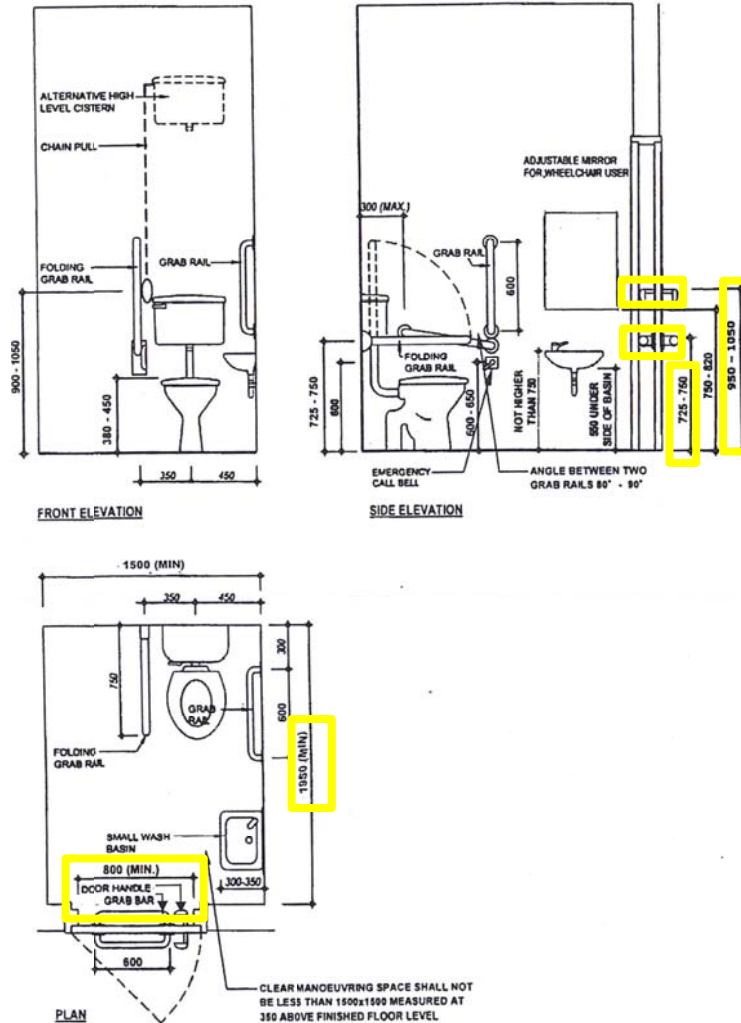
3. Figure 24
(Division
11)



*ALL DIMENSIONS ARE IN mm
DIMENSIONS PRINTED IN BOLD FORM DENOTE OBLIGATORY REQUIREMENT
DIMENSIONS PRINTED IN ITALIC FORM DENOTE RECOMMENDED REQUIREMENT

(Opposite - Handed Layout is Acceptable)

Figure 24 – Accessible Toilet



*ALL DIMENSIONS ARE IN mm
DIMENSIONS PRINTED IN BOLD FORM DENOTE OBLIGATORY REQUIREMENT
DIMENSIONS PRINTED IN ITALIC FORM DENOTE RECOMMENDED REQUIREMENT

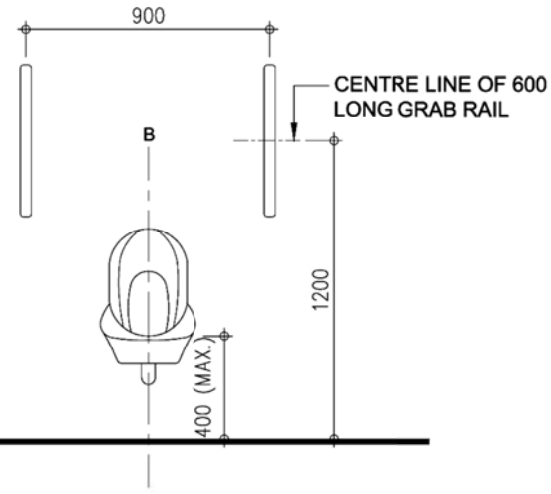
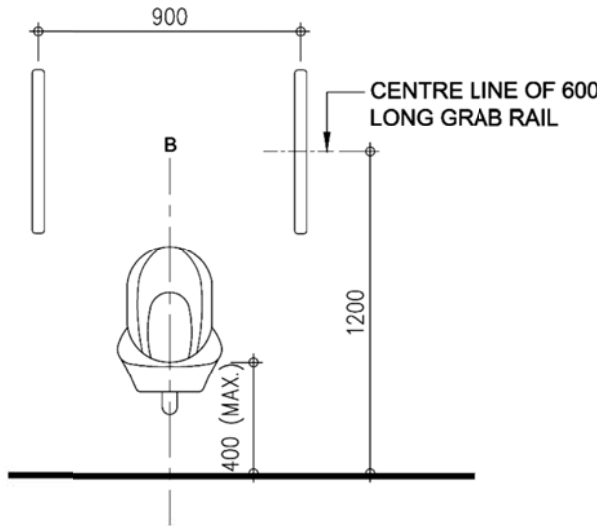
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Figure 24 – Accessible Toilet

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<p>4. Figure 25 (Paragraph 55(ii) in Division 11)</p>	 <p>*ALL DIMENSIONS ARE IN mm</p> <p>Figure 25 – Accessible Urinal</p>	 <p>*ALL DIMENSIONS ARE IN mm</p> <p>Figure 25 - ■ Urinal for Use by Persons with Ambulant Disabilities</p>
<p>5. Page 101 (Division 19 of Chapter 4)</p>		<p>To add paragraph B(bb) in Page 101</p> <p>As an alternative to providing lift control buttons inside the lift car as stipulated in paragraph 80(1), the adoption of a Destination Control System (DCS) should comply with the following: -</p> <ul style="list-style-type: none"> (a) The keypad control of the DCS to be installed in a conspicuous place in the lift hall shall have the built-in design for the use of persons with a disability. (b) The keypad shall be of standard telephone keypad type with raised dot for easy orientation at number 5 key. An appropriate Braille notice “lift button for the visually impaired” shall be provided. (c) The keypad shall have an “international wheelchair” button to activate the system specially designed for the persons with a disability and a push button with a symbol in a “star” shape for identifying the main

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		<p>entrance floor for the use of visually impaired users.</p> <p>(d) Tactile Arabic numerals with suitable design (e.g. 15mm high) and normally engraved by 1mm instead of Braille shall be provided on the keypad.</p> <p>(e) The user shall be able to know that the DCS has been operated. The call registration shall be confirmed by a visible and audible signal. The audible signal shall be given on every individual call registration even if the call is already registered. Also, a speech output system (in Cantonese, Putonghua and English) of the keypad for verification of the designated floor shall be provided.</p> <p>(f) All essential buttons including emergency alarm push button, intercom controls, and the door opening push button shall be provided inside the lift car.</p> <p>(g) The keypad at the lift hall and all the essential buttons in the lift car shall be located between 900mm and 1200mm above the finished floor level of the lift hall or the floor of the lift car in compliance with section 80(2) of the Third Schedule to the Building (Planning) Regulations and paragraph 80(2) in Division 19.</p> <p>(h) The design of the keypad shall comply with the international standards for the use of persons with a disability such as the European Standard EN 81-70:2003, Safety rules for the construction and installations of lifts - Particular applications for passenger and goods passenger lifts - Part 70: Accessibility to lifts for persons including persons with disability. Adequate signal and indication for use shall be provided including an illuminated visual indicator and an audible signal.</p> <p>(i) Braille and tactile plate indicating the user's instruction shall be mounted on the wall adjacent to the keypad reachable by the visually impaired users. The instruction shall be in both English and Chinese.</p> <p>(j) When the "wheelchair" button is pushed, the gong sound and voice announcement (in Cantonese, Putonghua and English) will be activated on the arrival of the accessible lift. To allow the persons with a</p>

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		<p>disability to catch the lift, time allowed for keeping the lift door open and the response time for the keypad shall be suitably extended.</p> <p>(k) Tactile guide path shall be provided to guide the visually impaired users to the keypad in the lift hall and then to the designated accessible lift.</p>
6. Paragraph 5.5 B(a)(vi) in Chapter 5 ¹	lift buttons should comply with paragraphs 80(1) and (4) in Division 19;	lift buttons and emergency call button should comply with paragraphs 80(1) to 80(8) and 80(i) and 80(ii) in Division 19;
7. Paragraph 5.5 B(a)(viii) in Chapter 5	grab bars complying with paragraphs 28(3) and (4) in Division 8 should be placed at a height of 900mm from the finished floor level and be fixed on both sides and at the rear of the lift car;	grab bars complying with paragraphs 28(3) and (4) in Division 8 should be placed at a height of 900mm from the finished floor level and be fixed on both sides and at the rear of the lift car (lift door(s) excepted);
8. Paragraph 5.5 B(a)(ix) in Chapter 5 ²	the maximum travel should be 4000mm;	the maximum travel should be 7000mm;
9. Paragraph 5.5	The landings to a vertical lifting platforms at the 2 access levels should be in opposite directions so as to	Every landing to a vertical lifting platform should be in opposite direction or located at 90° relative to all other landings so as to eliminate the

¹ To unify the standards of control buttons and emergency call button of a vertical lifting platform as an accessible lift.

² To extend the limit of travel height of a vertical lifting platform to 7000mm taking into account current Code of Practice on the Design and Construction of Lifts and Escalators issued by the Electrical and Mechanical Services Department.

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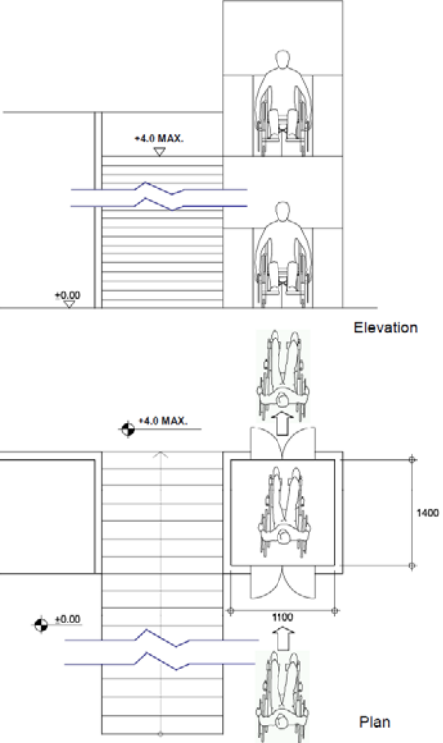
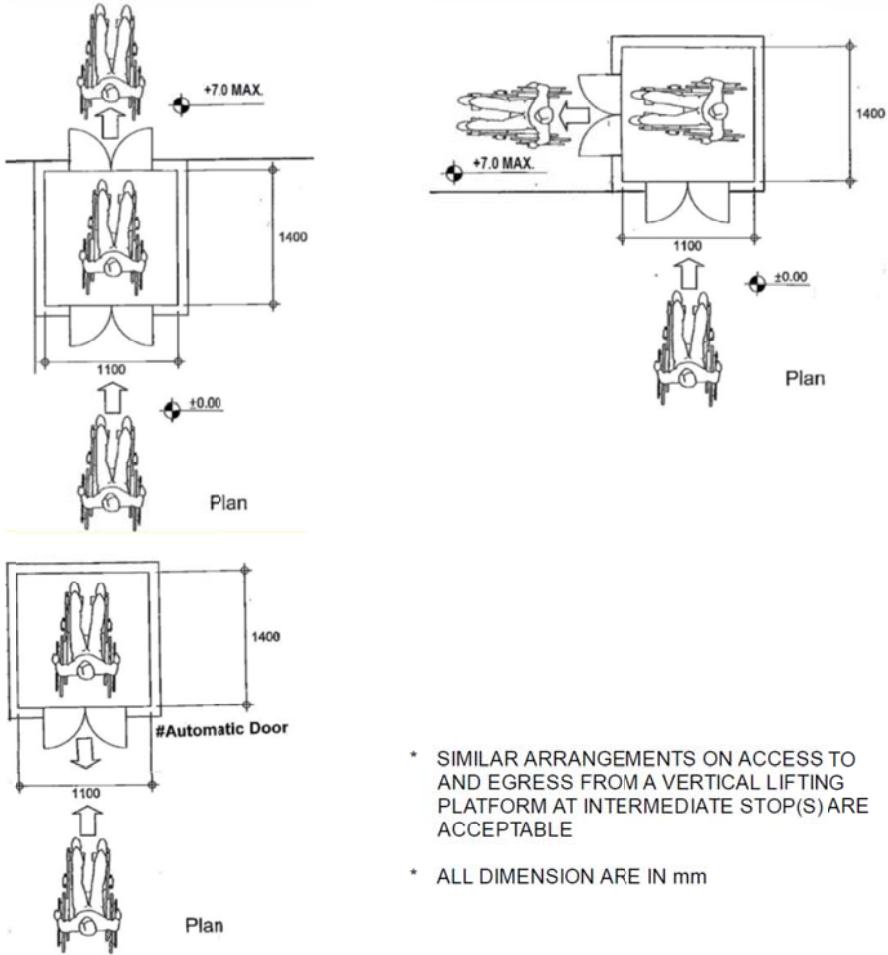
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B(a)(xii) in Chapter 5 ³	eliminate the need for the wheelchair to back-out.	need for the wheelchair to back-out. This requirement does not apply to a vertical lifting platform which is provided with power-operated and automatically controlled horizontally sliding or swing doors. The kinetic energy of the automatic doors should not exceed 10J.

³ To control the arrangement on access to and egress from a vertical lifting platform with a maximum travel height up to 7000mm which may serve more than two access levels. Back-out arrangement of the wheelchair is allowed if a vertical lifting platform provided with automatic doors similar to an accessible lift with automatic doors.

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10. Figure 45	 <p data-bbox="533 991 705 1007">*ALL DIMENSIONS ARE IN mm</p> <p data-bbox="577 1034 817 1050">Figure 45 – Vertical Lifting Platform</p>	 <p data-bbox="1601 970 2072 1066">* SIMILAR ARRANGEMENTS ON ACCESS TO AND EGRESS FROM A VERTICAL LIFTING PLATFORM AT INTERMEDIATE STOP(S) ARE ACCEPTABLE</p> <p data-bbox="1601 1090 1904 1114">* ALL DIMENSION ARE IN mm</p> <p data-bbox="1411 1220 1825 1252">Figure 45 – Vertical Lifting Platform</p>

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