

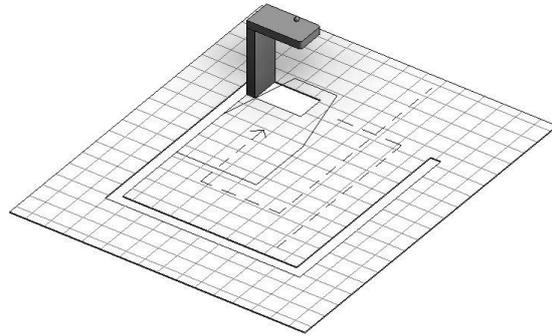
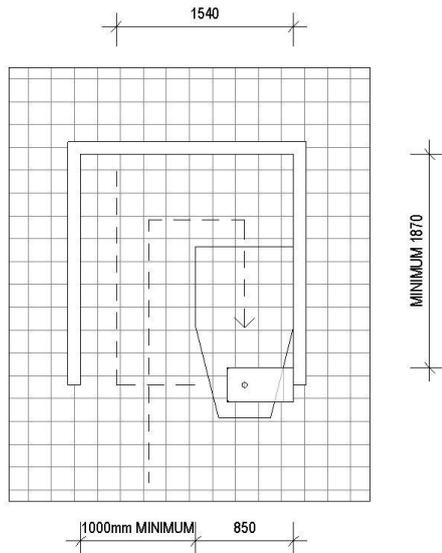
ACCESSIBLE FITOUT DESIGN

AS 1428.2-1992 Design for access and mobility – Enhanced and additional requirements – Buildings and facilities exist and is still referenced in the DSAPT (Disability Standards for Accessible Public Transport) but is substantially out of date being more than 25 years old but there is little current documentation available that designers have ready access to for the designs of fitouts.

There are the Australian Institute of Architects (the Institute) Acumen Design Guides that cover a wide range of topics that AS1428.2 included and provides a very valuable source of information on a range of topics. These were developed by the Institute's National Access Work Group members and Association of Consultants in Access Australia (ACAA) members to be best practice guidelines for the Institute and ACAA Members. They are reviewed regularly by the Institute to keep them up to date.

These include:

Accessible change cubicles, accessible fitting rooms, accessible baby change room, accessible reception counters, accessible tea points, accessible ticket office, accessible utility rooms, junior ambulant toilet, water filling point and accessible drinking fountains and taps.



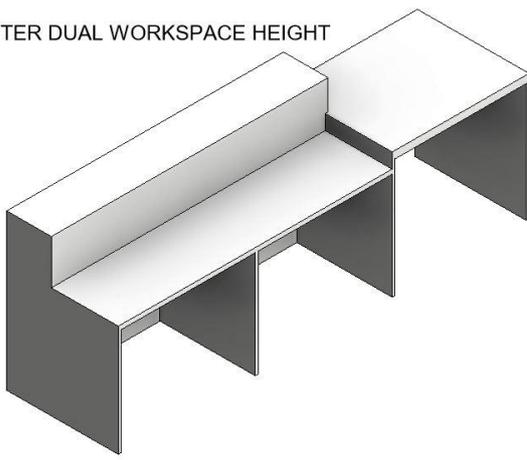
DRINKING FOUNTAIN LAYOUT
(IF 180 DEGREES ACCESS IS REQUIRED)

Accessible Drinking Fountain - Acumen Design Guidelines

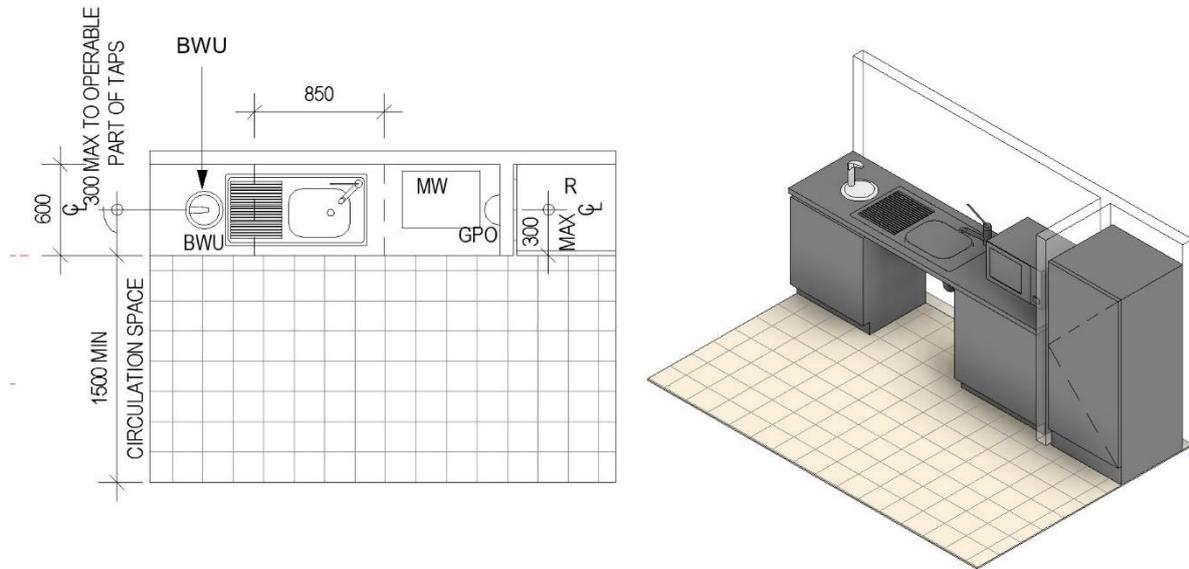


COUNTER DUAL WORKSPACE HEIGHT

PLAN - DUAL WORKSPACE HEIGHT COUNTER
SCALE: 1: 20



Accessible Reception Counter – Acumen Design Guidelines

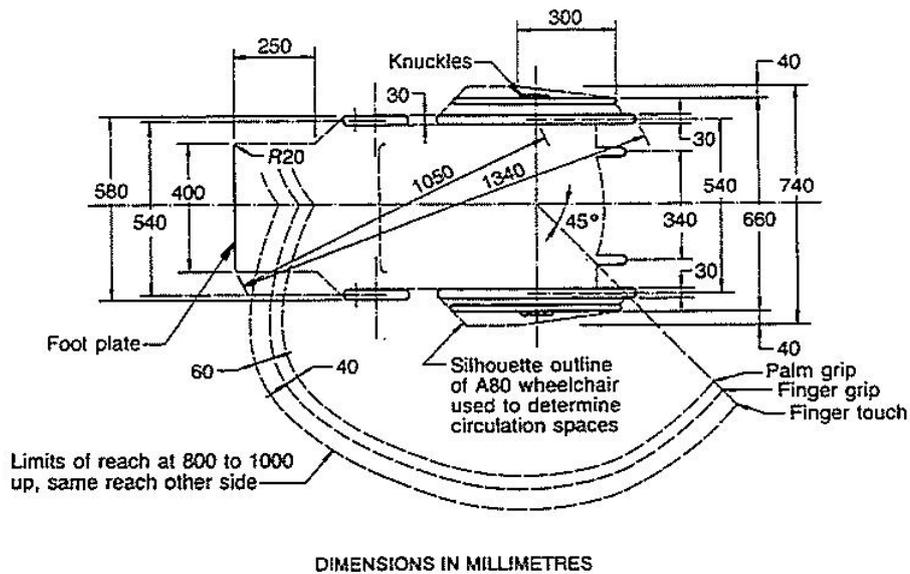


Accessible Tea point – Acumen Design Guidelines

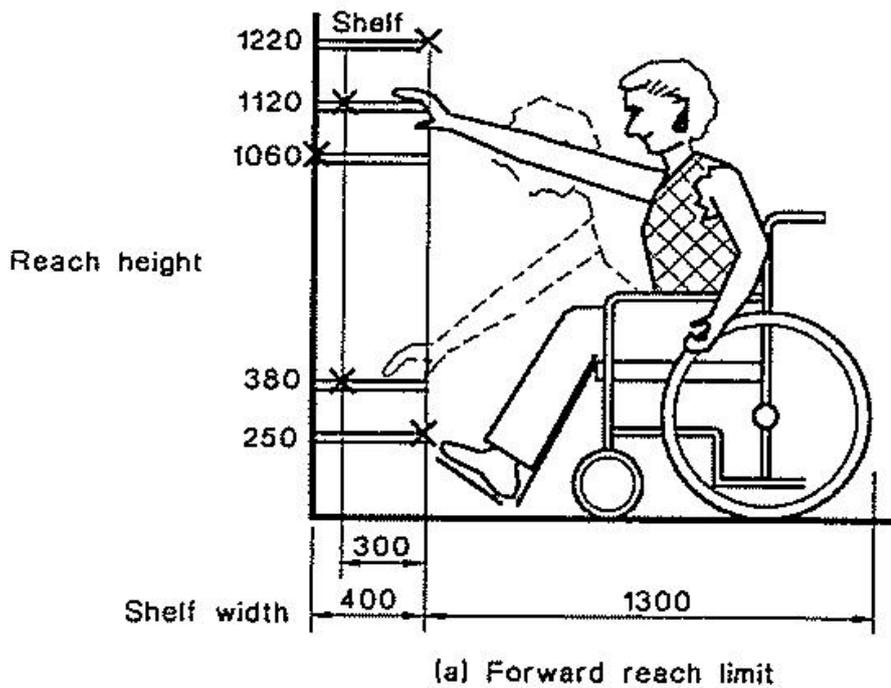
It is pleasing to see that Australian Standards are looking at updating AS1428.2 to become AS1428.6 under the ME64 committee to be called “Fixtures and Fittings”. Substantial work was done in late 2019 and the first half of 2020, but it has stalled while Part 1 corrections and Part 5 rewrite have taken precedence. Part 6 is also intended to review some details and undertake some further research on reach and spatial needs for a wide range of activities.

Part 6 is intended to include:

Details of wheelchairs such as is in AS1428.1 supplement 1993 which are very useful regarding reach ranges supplemented / amended as a result of further details of reach ranges based on additional research



AS1428.1 supp1-1993 – Figure C2 Top View of A80 Wheelchair and Reach Limits



AS1428.1 – 1992 (part of) Figure 20 (a) - Forward Reach – Wheelchair Users (a) Forward Reach Limit. Dimensions in millimetres.

Visual distance and height of writing so that it may be read by users especially on information signs.

Building Elements will include:

- Floor surfaces and review the specification for carpet that includes underlays.

- Ceiling and wall finishes including improved detailing to assist vision impaired.

Lighting levels for various tasks and luminance / colour contrast / glare / reflection to be covered to ensure easy legibility for all.

Furniture and fitments is a large section and will build on the Acumen Design Guides and cover details for all types of counters and waiting rooms.

Other fitments to be covered are mailboxes, food buffets, drinking fountains, storage systems such as wardrobes, seating and table heights, kitchenettes, tea points, laundries, utilities in the office environments etc.

Spatial needs for work stations, dining areas, bedrooms are also included.

Reach to elements that are part of daily life will also be detailed such as windows, power points, room controls and access to waste disposal.

Special areas will be included such as change facilities for adults and children, lecterns and facilities in lecture / seminar / conference venues.

As you can see the scope is far reaching but will be an invaluable standard for architects, designers and access consultants. The task is taking time and if any reader has anything to contribute they are welcome to do so. The exact programme for the final circulation draft is not currently set but it is on the agenda to restart in 2021. In the mean time the Acumen Design notes are probably the best guide to use.

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