



Buildings Standards Branch
Properties Division
Enterprise Shared Services
Goodwood House
44-58 May Street
Belfast BT1 4NN

Date: 28th July 2021

Dear Consultee

**CONSULTATION ON PROPOSED AMENDMENT OF TECHNICAL BOOKLET
GUIDANCE TO PART R (ACCESS TO AND USE OF BUILDINGS) - CHANGING
PLACES TOILET PROVISION**

I am writing to invite you to respond to the Department's proposals to amend technical guidance to the Building Regulations (Northern Ireland) 2012 (as amended).

Building regulations apply to most building work and are made principally to ensure the health, safety, welfare and convenience of people in and around buildings, the conservation of fuel and power, the protection and enhancement of the environment and the promotion of sustainable development.

Finance Minister, Conor Murphy, tasked the Department's Building Standards Branch (BSB) with working towards introducing a requirement into building regulation for the provision of Changing Places Toilet (CPT) facilities, as soon as possible. This consultation will seek to present proposals on this updated provision, for public engagement.

A Changing Places Toilet (CPT) meets the needs of people with profound and multiple learning disabilities, as well as people with other physical disabilities such as spinal injuries, muscular dystrophy and multiple sclerosis. These toilets provide specific equipment including a height adjustable adult-sized changing table, a tracking hoist system, adequate space for a disabled person and up to two carers, a peninsular WC with room either side and a safe and clean environment including tear off paper to cover the bench, a large waste bin and a non-slip floor. These facilities enable people with complex care needs to take part in everyday activities such as travel, shopping, family days out / or attending a sporting event.

The consultation proposes an amendment/update to Part R (Access to and use of buildings) associated technical guidance. The overall objective of the amendment is to update the current advisory guidance on the provision of CPT facilities, changing it to compliance guidance for sanitary accommodation standards, under the existing Part R requirements of building regulations, without imposing disproportionate bureaucracy and costs on building owners, developers or on district councils whose role it is to enforce building regulations.

In developing a proposal on a standard for CPT facility provision under the Building Regulations, the consultation will consider (based upon current good practice guidance) where a standard of provision can reasonably be set for a new building or where a building is formed by a material change of use. Technical Booklet R (TBR) sanitary accommodation standards would set standard criteria for CPT facility provision, specifying the types of buildings where facilities would be required as well as size, capacity or other factors which would trigger CPT provision. TBR Section 6 would also identify further specialist guidance sources on specific aspects of CPT facility layout and equipment, available from; - the Changing Places consortium campaign website, and BS 8300-2:2018 Clause 18.6 for CPT design.

In addition to this letter, the full package of consultation documents is available on the Departmental website <https://www.finance-ni.gov.uk/consultations> and includes the following: -

- Consultation Proposals;
- Consultation Draft Regulatory Impact Assessments for the proposed changes; and
- Consultation version only Draft Technical Booklet R.

The Consultation Regulatory Impact Assessment outlines the main issues, giving an assessment of the benefits of the proposed amendments and an estimate of the principal costs of the proposals.

The proposed amendment/update has been screened out of equality impact assessment requirements. The equality impact screening assessment will be published separately on the Departmental Website.

The Rural Needs Act (NI) 2016 requirements should not be adversely impacted, where the Building Regulations objective in this matter is to make sanitary provision more inclusive in new/relevant buildings. A Rural Needs Impact assessment will be published separately on the Departmental Website.

Responding to this consultation

Should you wish to respond, I would encourage you to respond to the consultation using the on-line facility on [Citizen Space](#), accessible via NI Direct.

A hard copy or copy in an alternative format may be obtained by telephoning 028 9025 7048 or by emailing info.bru@finance-ni.gov.uk

I look forward to receiving your comments and views concerning the proposals contained in this consultation package.

The Department will consider all responses to this consultation received on or before the **closing date, which is Wednesday 20 October 2021** (*It is important to note that submissions made after this date cannot be considered*)

Where respondents have given permission for their response to be made public, and after we have checked that they do not contain personal information or product names, responses will be made available to the public at <https://www.finance-ni.gov.uk/publications>

Information provided in response to this consultation, including personal data will be published or disclosed in accordance with the access to information regimes. If we receive a request for disclosure of confidential information, we cannot give an assurance that confidentiality can be maintained in all circumstances.

If you have any comments about the consultation process itself (rather than the content of the document) these should be directed to the consultation co-ordinator at the postal or e-mail address given above.

Yours faithfully

A handwritten signature in black ink, appearing to read 'DC McDonnell', written in a cursive style.

DC McDonnell
Director of ESS Properties Division



Building Regulations (Northern Ireland) 2012

PUBLIC CONSULTATION DOCUMENT C.4

Technical Booklet R – Access to and use buildings

Consultation Draft

July 2021

(Closing date for receipt of responses is Wednesday 20 October 2021)

Draft Technical Booklet - for consultation purposes only

Notes for Public Consultation:

1. Proposed new text is marked in **red**.
2. Existing text to be deleted is ~~struck through~~.

Contents

	page
Introduction	4
Technical Booklets	4
This Technical Booklet	4
Protected buildings	5
Other legislation	5
Part R Regulations	6
Guidance - Performance and introduction to provisions	8
Section 1 General	
Definitions	10
The principles of inclusive design within the built environment	11
Buildings other than dwellings	12
Dwellings	13
Visual contrast	13
Access statements	14
Buildings other than dwellings: Section 2 to Section 6	
Section 2 Access to buildings other than dwellings	
General	16
Approach to buildings	16
Level approach	17
Hazards on access routes	19
Section 3 Access into buildings other than dwellings	
General	20
Accessible entrances	20
Doorways to accessible entrances	21

Manually operated entrance doors to accessible entrances	22
Power operated entrance doors to accessible entrances	23
Glazed entrance doors and glazed screens to accessible entrances	25
Entrance lobbies to accessible entrances	25
Section 4 Access within buildings other than dwellings	
Horizontal circulation	27
Corridors and passageways	27
Internal lobbies	28
Internal doors	28
Vertical circulation	31
Vertical access between storeys	31
Lifting devices	31
Passenger lifts	32
Lifting Platforms	34
Section 5 Facilities in buildings other than dwellings	
General	35
Reception	35
Audience seating	36
Refreshment facilities	39
Guest bedrooms	41
Wheelchair accessible changing facilities	44
Outlets, switches and controls	46
Aids to communication	49
Section 6 Sanitary accommodation and associated sanitary facilities in buildings other than dwellings	
General	50
Sanitary accommodation	51
Wheelchair accessible unisex sanitary accommodation	56
Traditional separate sex sanitary accommodation	57
Shower and bath facilities	58

Dwellings and blocks of dwellings: Sections 7 to Section 11

Section 7 Means of access to and into a dwelling

Access to the dwelling	66
External approach	67
Access into the dwelling	67

Section 8 Circulation within a dwelling

General	69
Horizontal circulation	69
Vertical circulation	70

Section 9 Circulation within common areas of a block of dwellings

General	71
Horizontal circulation	71
Vertical circulation	71

Section 10 Sanitary convenience in a dwelling

General	73
Access to sanitary conveniences	73

Section 11 Heights of socket outlets, switches, etc. in a dwelling

Heights of outlets and switches	75
---------------------------------	----

Appendix A ~~Informative~~ — ~~Facilities for people with profound and multiple learning disabilities~~

76

Appendix B Publications referred to

77

Introduction

Technical Booklets

This Technical Booklet, which takes effect on 31st October 2012 ~~XXXXX~~ is one of a series that has been prepared by the Department of Finance and Personnel (the Department) for the purpose of providing practical guidance with respect to the technical requirements of the Building Regulations (Northern Ireland) 2012 (as amended) (the Building Regulations).

At the back of each Technical Booklet is a list of all the Technical Booklets that have been prepared and published by the Department for this purpose.

The guidance given in a Technical Booklet includes performance standards and design provisions relating to compliance with specific aspects of the Building Regulations for the more common building situations.

If the guidance in a Technical Booklet is followed there will be a presumption of compliance with the requirements of those Building Regulations covered by that guidance. However, this presumption can be overturned, so simply following the guidance does not guarantee compliance. For example, if a particular circumstance is not one of the more common building situations the design provisions given in the Technical Booklet may not be appropriate.

There are likely to be alternative ways of demonstrating compliance with the relevant requirements of the Building Regulations other than by following a design provision given in a Technical Booklet. There is therefore no obligation to adopt any particular provision set out in a Technical Booklet, should you decide to comply in some other way. However, you will have to demonstrate that your alternative solution meets the relevant requirements of the Building Regulations by those other means.

This Technical Booklet

Requirements

The guidance contained in this Technical Booklet relates only to the requirements of regulations 91, 92, 93 and 94. The work will also have to comply with all other relevant requirements of the Building Regulations.

Materials and workmanship

Any building work which is subject to requirements imposed by Part A of the Building Regulations should be carried out in accordance with regulation 23 of those regulations. Guidance on meeting these requirements for materials and workmanship is given in Technical Booklet B which supports Part B.

The Building Regulations are made for specific purposes, primarily securing the health, safety, welfare and convenience of people and for the conservation of fuel and power. Standards and technical approvals are relevant guidance to the extent that they relate to these purposes. However, they may also address other aspects of performance such as serviceability, or aspects which although they relate to health and safety are not covered by the Building Regulations.

Named standards

Where this Technical Booklet makes reference to a named standard, the relevant version of the standard is the one listed in Appendix B. However, if this version has been replaced or updated by the issuing standards body, the new version may be used as a source of guidance provided that it continues to address the relevant requirements of the Building Regulations.

Diagrams

The diagrams in this Technical Booklet supplement the text. They do not show all the details of construction and are not intended to illustrate compliance with any other requirement of the Building Regulations. They are not necessarily to scale and should not be used as working details.

Protected buildings

District councils have a duty to take account of the desirability to preserve the character of protected buildings when carrying out their functions under Building Regulations. Therefore, where work is to be carried out to a protected building to comply with Part R or any other Part of the Building Regulations, special consideration may be given to the extent of such work for compliance where it would unacceptably alter the character or appearance of the building. Protected buildings are defined in Article 3A(2) of the Building Regulations (Northern Ireland) Order 1979 (as amended).

Other legislation

The provisions of this Technical Booklet relate to the requirements of Building Regulations and do not include measures which may be necessary to meet the requirements of other legislation. Such other legislation may operate during the design or construction stages or when a building is brought into use and can extend to cover aspects which are outside the scope of the Building Regulations.

The Workplace (Health, Safety and Welfare) Regulations (Northern Ireland) 1993

The Workplace (Health, Safety and Welfare) Regulations (Northern Ireland) 1993 (the Workplace Regulations) contain some requirements which affect building design. The main requirements are now covered by the Building Regulations, but for further information see – The Workplace Regulations and the Workplace Health, Safety and Welfare Approved Code of Practice and Guidance published by TSO.

The Workplace Regulations apply to the common parts of flats and similar buildings if people such as cleaners, wardens and caretakers are employed to work in these common parts. Where the requirements of the Building Regulations that are covered by Part R do not apply to dwellings, the provisions may still be required in the situations described above in order to satisfy the Workplace Regulations.

Part R Regulations

Part R (comprising regulations 90 to 94) of the Building Regulations, which sets out the requirements for access to and use of buildings, has been replicated below for the convenience of the user of this Technical Booklet and is taken directly from the Building Regulations (Northern Ireland) 2012 in operation at the date of publication of this Technical Booklet.

Any person who intends to demonstrate compliance with the Building Regulations by following the guidance given in this Technical Booklet is advised to ensure that the regulations below, are current on the date when plans are deposited or notices given to the district council.

As Part A (comprising regulations 1 to 21) of the Building Regulations sets out the interpretation along with the procedural requirements relating to the application of the regulations, the Department advises that all Parts of the Building Regulations are read in conjunction with Part A of those regulations.

The Building Regulations (Northern Ireland) 2012 and any subsequent amendment may be viewed by following the links from the Department's website at "www.buildingregulationsni.gov.uk".

PART R

Access to and use of buildings

Application and interpretation

90.—(1) Subject to paragraphs (2), (3) and (4) this Part shall apply to any building or part of a building.

(2) This Part shall not apply to—

- (a) any garage or outbuilding associated with a dwelling;
- (b) any part of a building which is used solely to enable the building or any service or fitting in the building to be inspected, maintained or repaired; and
- (c) the alteration or extension of an existing dwelling to which this Part did not apply when the dwelling was erected other than where the alteration or extension affects a facility suitable for use by people with an impairment of mobility, hearing or sight, in the existing building.

(3) The requirements of regulation 92 shall not apply to—

- (a) a dwelling; and
- (b) any building that is being extended where reasonable provision for access to the extension is provided through the building being extended.

(4) The requirements of regulation 93 shall not apply to—

- (a) a dwelling; and
- (b) an extension to a building where there is provision for suitable sanitary accommodation in the building being extended and all users of the extension can gain access to and use that sanitary accommodation.

(5) In this Part—

“Dwelling” means a house or flat;

“Entrance storey” in a dwelling means the storey which contains the principal entrance for the dwelling;

“Independent access” to a part of or extension to a building means a route of access to that part or extension which does not require the user to pass through any other part of the building;

“Principal entrance” in relation to a dwelling means the entrance a visitor (not familiar with the dwelling) will normally expect to use to enter it;

“Principal storey” in a dwelling means the storey nearest to the entrance storey which contains a habitable room, or if there are two such storeys equally near, either such storey;

“Sanitary accommodation” has the meaning assigned to it by regulation 84 in Part P; and

“Sanitary convenience” means a water closet and washbasin.

Access and use

91. Reasonable provision shall be made for people to have access to, into, within and to use a building and its facilities:

Provided that in a dwelling this requirement shall be limited to the entrance storey or, where that storey contains no habitable room, to the principal storey.

Access to extensions

92. Reasonable provision shall be made for independent access to an extension to a building.

Sanitary accommodation in extensions

93. Where sanitary accommodation is provided in a building, reasonable provision shall be made for the provision of suitable sanitary accommodation in any extension to the building.

Sanitary conveniences in dwellings

94. In a dwelling a sanitary convenience shall be provided—

(a) in the entrance storey; or

(b) where the entrance storey contains no habitable rooms – in the principal storey.

Guidance - Performance and introduction to provisions

Performance to satisfy regulations 91, 92, 93 and 94 in Part R

- 0.1 It is the view of the Department that the requirements of Part R will be met by making reasonable provision to ensure that buildings are accessible and usable.

In buildings other than dwellings, people, regardless of ability, age or gender, should be able to gain access to, into and within buildings and use their facilities, as customers, visitors and people who work in them.

In dwellings, all visitors should be able to –

- (a) get access to and into the dwelling;
- (b) access and use habitable rooms within the principal storey; and
- (c) access and use a sanitary convenience in the dwelling.

Making provisions to facilitate people with a disability who may visit a dwelling is also expected to enable occupants with disabilities to cope better with reduced mobility and to “stay put” longer in their own homes. It is not expected to facilitate fully independent living for all people with disabilities.

Buildings other than dwellings

Introduction to provisions in Section 2

- 0.2 The guidance in Section 2 is to ensure a suitable and convenient means of access to a building for people from the boundary and from car parking provided on site.

Provisions are also given for uncontrolled carriageway crossings and avoiding hazards on access routes.

Introduction to provisions in Section 3

- 0.3 The guidance in Section 3 is to assist people to be able to identify the building entrance and use it to enter the building easily, conveniently and without the risk of injury.

Introduction to provisions in Section 4

- 0.4 The guidance in Section 4 is to facilitate the movement of people within a building both within a storey (horizontal circulation) and between storeys (vertical circulation).

Introduction to provisions in Section 5

- 0.5 The guidance in Section 5 is to ensure that people have access to and use of all the facilities provided in a building.

Introduction to provisions in Section 6

- 0.6 The guidance in Section 6 is to ensure that sanitary accommodation and associated sanitary facilities provided in a building, are no less available for people with a disability than for non-disabled people. Appropriate solutions to sanitary accommodation may vary depending on the size, scale, nature and intended use of the building.

Dwellings

Introduction to provisions in Section 7

- 0.7 The guidance in Section 7 is to facilitate people with a range of abilities to approach and gain access into a dwelling and to a common entrance of a block of dwellings e.g. flats, from the boundary or the point of alighting from a vehicle on a driveway within the plot.

Introduction to provisions in Section 8

- 0.8 The guidance in Section 8 is to facilitate access into habitable rooms and to a sanitary convenience in the entrance storey or the principal storey of the dwelling.

Introduction to provisions in Section 9

- 0.9 In a block of dwellings e.g. flats, the guidance is to ensure reasonable provision for people with a disability to visit occupants who live on any storey.

Introduction to provisions in Section 10

- 0.10 The guidance in Section 10 is to provide a sanitary convenience which a disabled visitor to the dwelling may use. The sanitary convenience should normally be located in the entrance storey. Where the entrance storey contains no habitable rooms, a sanitary convenience should be provided in the principal storey.

Introduction to provisions in Section 11

- 0.11 The guidance in Section 11 is to assist those people whose reach is limited, to use a dwelling more easily, by locating switches, sockets, etc. at suitable heights.

Section 1 General

Definitions

1.1 In this Technical Booklet the following definitions apply –

Access – approach or entry.

Accessible – suitable access to and usable by all people, regardless of their ability.

Dwelling – has the meaning assigned to it by regulation 90 in Part R of the Building Regulations.

Entrance storey in a dwelling – has the meaning assigned to it by regulation 90 in Part R of the Building Regulations.

Boundary – the boundary of the land (excluding any abutting street, canal or river) on which the building is erected.

Flat – has the meaning assigned to it by regulation 2 in Part A of the Building Regulations.

Isolator – a switch used to cut off the supply of electricity to an electrical appliance for maintenance purposes.

Incorporated changing facility – an accessible changing facility contained within and open to the communal changing facility.

Incorporated shower facility – an accessible shower facility contained within and open to the communal shower facility.

Level approach – (with respect to the approach to a building) an access route that is predominately level, but may contain a gradient less steep than 1 in 20 in the direction of travel.

Lifting device – a passenger lift or a lifting platform.

Plot – the area within the boundary of the land on which the building is erected.

Plot gradient – the gradient measured along the route of travel between the point of entry and the floor level at –

- (a) the principal or an alternative entrance to a dwelling; or
- (b) the common entrance or an alternative entrance to a block of dwellings.

Point of entry – the point at which a person visiting the building either –

- (a) normally enters the plot; or
- (b) alights from a vehicle within the plot.

Principal entrance (in buildings other than a dwelling or a block of dwellings) – the entrance a visitor or customer (not familiar with the building) would normally expect to use to enter it.

Principal entrance (in relation to a dwelling) – has the meaning assigned to it by regulation 90 in Part R of the Building Regulations.

Principal entrance storey – the storey or storeys where the principal entrance or entrances are located. If an alternative accessible entrance is to be provided by virtue of paragraph 3.1 the storey containing that entrance is a principal entrance storey.

Principal storey in a dwelling – has the meaning assigned to it by regulation 90 in Part R of the Building Regulations.

Sanitary accommodation – has the meaning assigned to it by regulation 84 in Part P of the Building Regulations.

Sanitary convenience – has the meaning assigned to it by regulation 90 in Part R of the Building Regulations.

Suitable – (with respect to means of access and facilities) designed for use by people regardless of their ability.

Surface width – the width of a stair or ramp, measured at the tread of a flight or the surface of a ramp, between any enclosing walls, strings, upstands, kerbs or guarding.

Terminal fitting – a water outlet device providing water to a sanitary appliance.

Usable (with respect to buildings and parts of buildings) – convenient for independent use.

Wheelchair accessible – suitable access to and usable by wheelchair users.

The principles of inclusive design within the built environment

- 1.2 An inclusive environment is one that can be used by everyone, regardless of age, gender or ability. Buildings designed to be inclusive should be safe, convenient, sustainable and usable by all people.

The scope of this Technical Booklet is to give provisions for generic solutions to the more common building scenarios to enable people to –

- (a) get access to a building;
- (b) get into a building;
- (c) move around all floors of a building; and
- (d) get access to and use the facilities (toilets, changing rooms, showers etc.) that are provided in a building.

The methods and standards within this Technical Booklet relate, in the main, but not exclusively, to the provision of design features and sufficient space, to make it possible for people with disabilities to independently access and use a building.

Buildings other than dwellings

- 1.3 The provisions for access to and use of a building are for the benefit of people who are customers or visitors to the building or who work in it.
- 1.4 An extension should be treated in the same manner as a new building. The extension should –
- (a) be independently approached and entered from the boundary and from car parking within this boundary; or
 - (b) have suitable access provided through the building being extended.

Where sanitary accommodation is provided in a building that is being extended –

- (c) then suitable sanitary accommodation should be provided within the extension; or
 - (d) the existing sanitary accommodation should also be suitable and accessible by the users of the extension.
- 1.5 When a building is altered the alterations must comply with the requirements of Regulation 91 in Part R. The building, including access to it from the boundary and from on site car parking, where provided, must be no less accessible after completion of the alterations than it was before the work was carried out.
- 1.6 When a building undergoes a material change of use so that it is used as a hotel or boarding house, an institution, a place of assembly or recreation, or a shop it should be treated in the same manner as a new building.

When a part of a building undergoes a material change of use so that it is used as a hotel or boarding house, an institution, a place of assembly or recreation, or a shop it should –

- (a) be independently approached and entered or have suitable access provided through the building; and
 - (b) have any sanitary accommodation that is provided for or in connection with that part accessible (from that part) and usable. If sanitary accommodation is not provided as part of any works in relation to the material change of use and if users of that part of the building have use of sanitary accommodation elsewhere in the building then people should be able to gain access to, and use that sanitary accommodation.
- 1.7 Part R is limited to matters of access to, into, within, and use of a building. It does not extend to means of escape for a person with a disability in the event of fire, for which reference should be made to Part E (Fire safety).

This Technical Booklet, gives guidance on the strategy for access to and within a building other than a dwelling. When this strategy includes the use of ramps and/or stairs, such ramps or stairs must satisfy the relevant requirements of Part H.

Dwellings

- 1.8 The provisions for access and for facilities within dwellings are for the benefit of people who are disabled who may visit the dwelling.

Where Part R applies, reasonable provision should be made –

- (a) so that people with a disability can reach the principal entrance to the dwelling, or to a common entrance to a block of dwellings, from the boundary or from car parking within this boundary;
- (b) for access for people with a disability into and within the entrance storey or the principal storey of the dwelling and to access and use any facilities provided to comply with Part R; and
- (c) for sanitary conveniences for use by people with a disability.

Part R does not extend to means of escape for people with a disability in the event of fire, for which reference should be made to Part E (Fire safety).

Part H (Stairs, ramps, guarding and protection from impact) contains provisions for the design of stairs and ramps.

This Technical Booklet, gives guidance on the strategy for access to and within a dwelling. When this strategy includes the use of ramps and/or stairs, such ramps or stairs must satisfy the relevant requirements of Part H.

Visual contrast

- 1.9 Visual contrast is the perception of a difference visually between one element of a building and another by reference to their light reflectance values.

Light reflectance value (LRV) is the total quantity of visible light reflected by a surface at all wavelengths and directions when illuminated by a light source.

For people with adequate vision, differences in the nature or the intensity of colour provide adequate visual contrast. Unfortunately, this is not the case for all people who are visually impaired. The main feature of a surface, which appears to be strongly correlated with the ability of visually impaired people to identify differences in colour, is the LRV. Differences in LRV can be used to assess the degree of visual contrast between the surfaces of elements such as handrails, doors, door furniture, key fittings/fixtures and surrounding surfaces, etc.

The LRV scale runs from 0, which is a perfectly absorbing surface that could be assumed to be totally black, up to 100, which is a perfectly reflective surface that could be considered to be perfect white. Because of practical influences in any application, black is always greater than 0 and white never equals 100.

A difference in LRV of 30 points or more allows a degree of variability that is required to provide reasonable visual contrast.

For flat areas it is thought that LRV differences are less important between two large areas, e.g. between a wall and floor, than between a small object on a larger background surface, e.g. a light switch on a wall.

Access statements

1.10 Access statements are not a requirement of the Building Regulations.

Applicants may wish to satisfy the requirements of Part R by adopting the guidance and provisions of Technical Booklet R. However, they could choose to follow the performance criteria given in paragraph 0.1 and offer alternative design solutions they believe comply with the reasonable provision requirements of the relevant regulation. Evidence to support such an alternative design approach might include –

- (a) application of the recommendations in BS 8300 where these differ from the provisions, or are not covered, in this Technical Booklet;
- (b) results of current validated research;
- (c) outcome of consultations with other parties (e.g. Northern Ireland Environment Agency, Access Officers, local Access Groups, etc.); and
- (d) convincing arguments that an alternative solution will achieve the same, a better, or a more convenient outcome.

An access statement setting out the rationale for the access strategy, could be useful in presenting the evidence of the design approach adopted.

In the case of extensions and material changes of use of buildings other than dwellings, and particularly in the case of protected buildings, such a statement will allow an applicant to identify any constraints imposed by the existing structure and its immediate environment and to propose compensatory measures where full access proves to be impracticable or unreasonable. This will allow for an explanation to be provided and assessed in situations where, for example, a less than fully accessible access route is proposed to an extension, or to a building or part of a building subject to a material change of use.

Buildings other than dwellings

Section 2 Access to buildings other than dwellings

General

- 2.1 As far as possible, the means of access from the point of entrance at the boundary and from car parking designated for people with a disability which is provided within the boundary, to the principal entrance(s) and, where provided, a staff entrance, should be level. However where a difference in level, is unavoidable due to site constraints, the approach may have a gentle gradient over a long distance (for all or part/s of the approach), or it may incorporate a number of shorter parts at a steeper gradient, with level areas at intervals as rest points. Generally, gradients within the approach should be as gentle as possible. An approach that contains one or all of these features is called a level approach.

It is recognised that a level approach is not attainable in all situations and therefore, an access route containing a ramp, may be an appropriate solution to suit the site topography.

It is also important that routes between buildings within a complex are also accessible.

To reduce the danger of inadvertently walking into a vehicular access route the approach to a building should be separate from any vehicular route and where possible, not sharing the same surface.

All access routes to principal, or alternative accessible, entrances should be surfaced so that people are able to travel along them easily, without excessive effort and without the risk of tripping or falling.

Potential hazards e.g. from open windows, on or over access routes should also be avoided.

Approach to buildings

- 2.2 The means of access to a building should be by a level approach complying with paragraph 2.8 to 2.12. However, where site constraints necessitate that all or any part of the means of access to or between buildings, contains a gradient of 1 in 20 or steeper, a ramped approach should be provided.

- 2.3 As ramps are not necessarily suitable and convenient for all people it is beneficial to have steps as well as a ramp. For example, some people who can walk but have restricted mobility find it more difficult to negotiate a ramp than a stair. In addition, adverse weather conditions increase the risk of slipping on a ramp.

Where a ramped approach has a rise of 300 mm or more, it should also have complementary steps.

- 2.4 If the total rise of a ramped approach is too high, it can be unacceptably tiring for wheelchair users and some people with walking difficulties, even if a number of rest landings are provided. Therefore, where the access route to the building is, or contains a ramped approach having a total rise of more than 2000 mm, an additional means of access suitable for all people, should also be provided, e.g. a suitable lifting device.

- 2.5 Where the approach requires to be guarded, that guarding must comply with the relevant requirements of Part H.
- 2.6 Where there is a complex of buildings within the boundary, a level approach should be provided between buildings to which Part R applies.
- 2.7 The approach to a building should be separate from any vehicular route.

Level approach

- 2.8 A level approach should have –
 - (a) an unobstructed width of not less than 1500 mm. However, at a local obstruction the width may be reduced to 1000 mm, provided that the length of the reduced width is not more than 6 m and the obstruction is protected by a suitable barrier; and
 - (b) clear headroom of not less than 2100 mm.

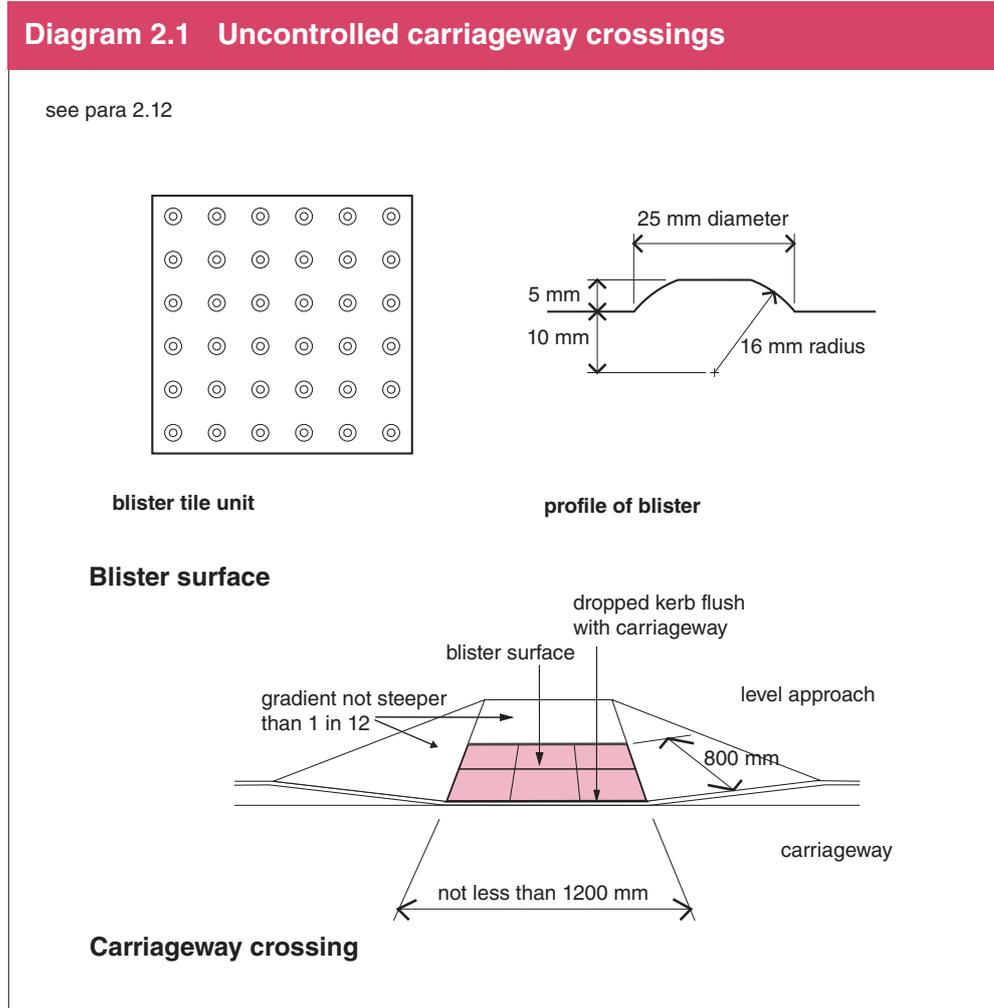
Where the level approach has a gradient steeper than 1 in 60 it should have horizontal rest areas, not less than 1200 mm long and a rise of not more than 500 mm between rest areas.

Where the level approach is more than 50 m in length it should have passing places. These should be spaced at a distance of not more than 50 m with a clear line of sight between consecutive passing places. Every passing place should be not less than 1800 mm wide and not less than 2000 mm long therefore, the width of the passing place may include the width of the level approach. A level approach with a surface width of 1800 mm or more can accommodate non-vehicular traffic without the need for passing places.

Where a level approach has a crossfall it should be not steeper than 1 in 40.

- 2.9 The surface of a level approach should –
 - (a) be firm;
 - (b) reduce the risk of slipping;
 - (c) have similar surface frictional characteristics along its length; and
 - (d) have an even surface finish.
- 2.10 Notwithstanding the provisions of paragraph 2.9(d) –
 - (a) where formless materials are used as surfacing, any undulations should be not more than 3 mm measured from a point below a 1000 mm straight edge; and
 - (b) where paving units are used as surfacing material, any difference in level between the units at the joints, should be not more than 5 mm.
- 2.11 Where paving units are used as surfacing material and have –
 - (a) recessed filled joints, the joints should be not more than 10 mm wide and 5 mm deep; and
 - (b) unfilled joints, the joints should be not more than 5 mm wide.

- 2.12 Where a level approach crosses a carriageway at an uncontrolled crossing point, this should be identified by using buff coloured blister type tactile warning paving, having a length of not less than 1200 mm and a width of 800 mm. See Diagram 2.1.



Hazards on access routes

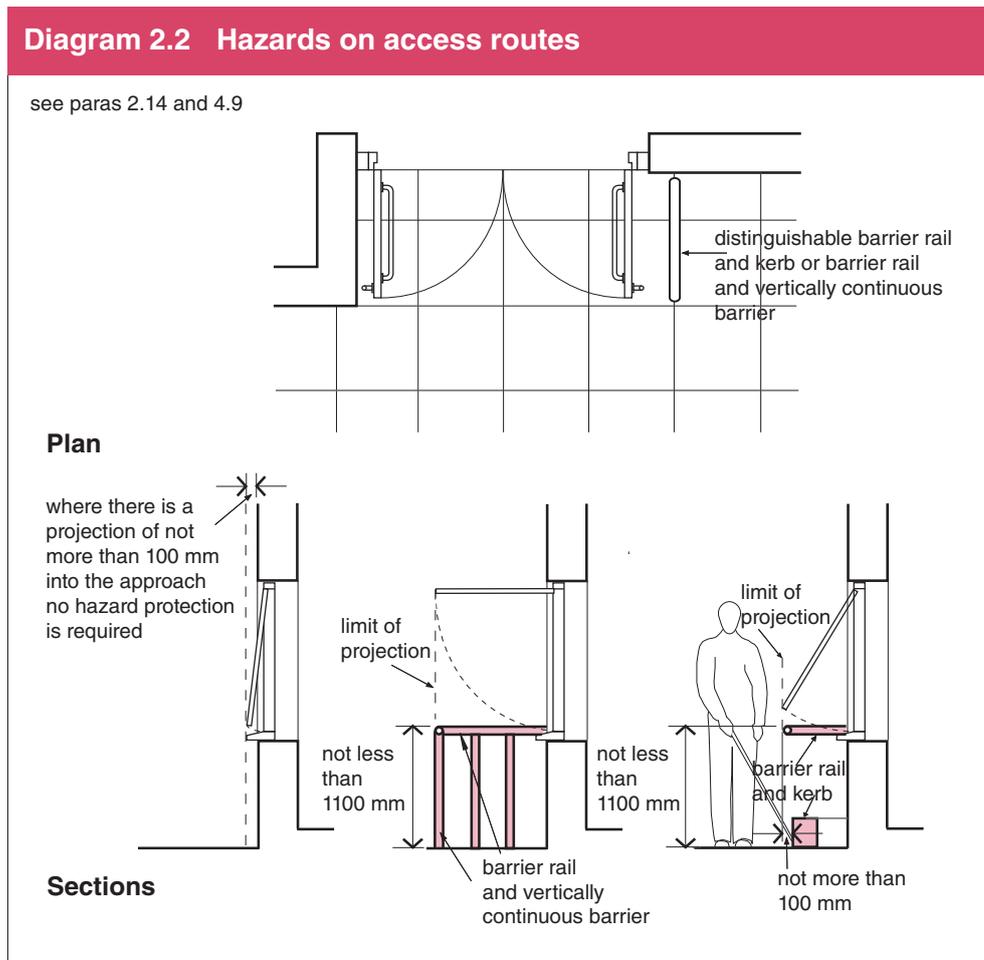
Generally

- 2.13 Features of a building that occasionally obstruct an access route, particularly if they are partially transparent and therefore indistinct, or cause a danger overhead, should not present a hazard to building users.

Protection from hazards

- 2.14 To reduce hazards on an access route for people including those who are visually impaired, any –
- (a) door (other than for emergency use only) which opens outwards;
 - (b) part of a window, when open in normal use, that projects more than 100 mm;
 - (c) other feature of a building which projects,

into an access route, should be protected by a distinguishable barrier rail which incorporates either a vertically continuous barrier or a kerb at ground level. See Diagram 2.2.



- 2.15 Any area below the soffit of a stair or a ramp and its landings that is less than 2100 mm above an access route should be protected by a distinguishable barrier rail which incorporates either a vertically continuous barrier or a kerb at ground level.

Section 3 Access into buildings other than dwellings

General

- 3.1 A principal entrance(s) and where provided, one entrance which is specifically for members of staff, and any associated lobby, should be accessible. However, where the space outside the principal or staff entrance is severely restricted, or the slope of the ground does not allow the means of access to the building to be provided in accordance with paragraph 2.2, an alternative accessible entrance, intended for general use, is acceptable, provided there is suitable internal access from that entrance to the principal and staff entrances.

It is important to reduce any risks to people when entering a building, e.g. trip or slips, coming into contact with an open glazed door, etc.

Accessible entrances

- 3.2 Accessible entrances should be clearly sign-posted and easily recognisable. Any structural elements, for example supports for a canopy, are useful in identifying the entrance, but should not present a hazard.

The route from the exterior across the threshold should provide weather protection, and not present a barrier for wheelchair users or a trip hazard for other people. A level threshold is preferred.

- 3.3 An accessible entrance should be clearly indicated (e.g. by signs incorporating the International Symbol of Access), from –

- (a) the point of entrance at the boundary;
- (b) suitable car parking which is provided within the boundary;
- (c) the principal entrance, where the principal entrance is not an accessible entrance; and
- (d) a staff entrance, where that staff entrance is not an accessible entrance.

- 3.4 An accessible entrance should –

- (a) be readily apparent (e.g. distinguishable, through suitable visual contrast from that of the adjacent elements of the building); and
- (b) have an access area –
 - (i) that is level. However, where the access area contains a crossfall, it should be not steeper than 1 in 40;
 - (ii) with a surface that is firm;
 - (iii) with an unobstructed size of not less than 1500 mm by 1500 mm in front of the accessible entrance; and
 - (iv) that is at, or about, the level of the floor of the entrance.

- 3.5 When manually operated entrance doors are installed, the area immediately in front of the entrance doors should, where it is practicable, be protected from inclement weather. This will assist people who require extra time to use manually operated doors and may take the form of a canopy or recessed entrance.

- 3.6 Where an entrance communication system is installed, it should have both video and audio communication to assist people with hearing loss or people who cannot speak.
- 3.7 A floor immediately inside any accessible entrance should –
- (a) have a surface which is firm and even;
 - (b) where there are changes in flooring surface, be at, or about, the level of any adjacent flooring surface; and
 - (c) have a surface that will reduce the risk of tracking moisture into the building (e.g. from shoes or wheelchair wheels). However, this provision is not required where the external access area is designed and constructed to limit the tracking of moisture into the building.

Doorways to accessible entrances

- 3.8 Doors to the principal entrance or alternative accessible entrance should be accessible to all, particularly wheelchair users and people with limited physical dexterity. Entrance doors may be manually operated without powered assistance, or power operated under manual or automatic control.

Once open, all doors to accessible entrances should be wide enough to allow unrestricted passage for a variety of users, including wheelchair users, people carrying luggage, people with assistance dogs, and people with pushchairs and small children.

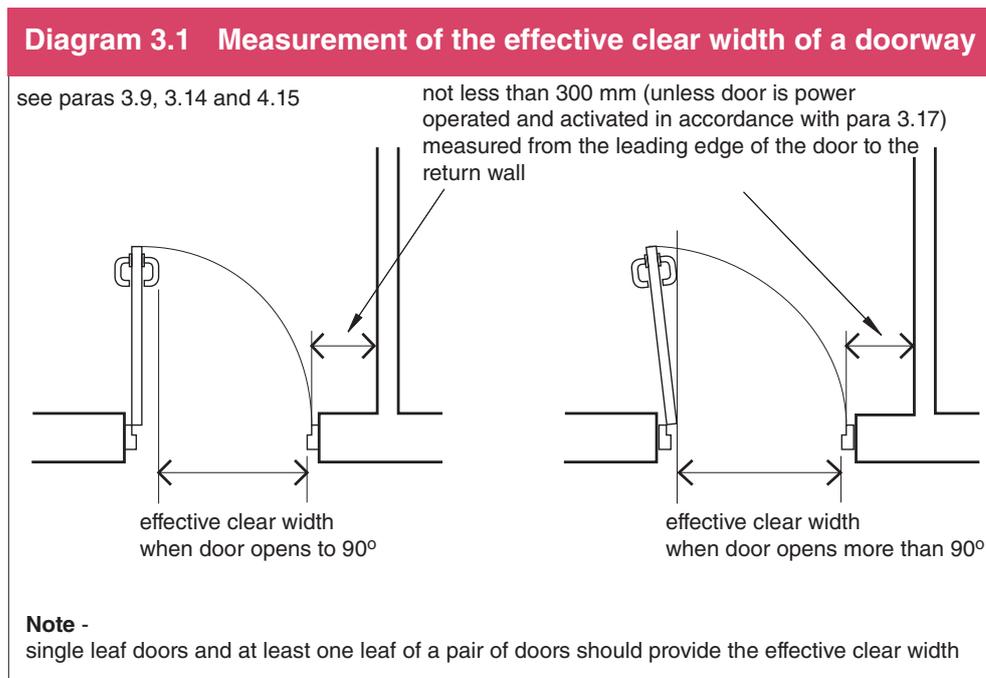
- 3.9 An accessible entrance doorway should contain a leaf which provides an effective clear width of not less than that given in column (2) of Table 3.1. This effective clear width applies to a single leaf door or one leaf of a double leaf door. However, where a double leaf door is power operated, the effective clear width may be incorporated between both leaves provided those leaves operate simultaneously.

Where a building is to be altered or undergo a material change of use and the effective clear width given in column (2) of Table 3.1 cannot be achieved, an accessible entrance doorway may contain a leaf which provides an effective clear width of not less than that given in column (3) of Table 3.1.

The effective clear width of a doorway should be measured in accordance with Diagram 3.1.

Table 3.1 Effective clear widths of doorways to accessible entrances		
Users of entrance	Effective clear width of doorway in a new building	Effective clear width of doorway in an existing building
(1)	(2)	(3)
limited to staff and visitors	800 mm	750 mm
members of the public	1000 mm	775 mm

3.10



An accessible entrance doorway should have a threshold which is level. However, where required due to site location (e.g. to prevent the ingress of moisture), a threshold may contain one or more upstands, provided the cumulative height of these upstands is not more than 15 mm. An upstand more than 5 mm high should have all exposed edges chamfered or rounded.

The route from the access area across the threshold should not present a barrier for wheelchair users or a trip hazard for other people.

- 3.11 A door to an accessible entrance should not project, when open, into an adjacent access route, unless that portion of the door which projects into the access route is protected by a suitable barrier.

Manually operated entrance doors to accessible entrances

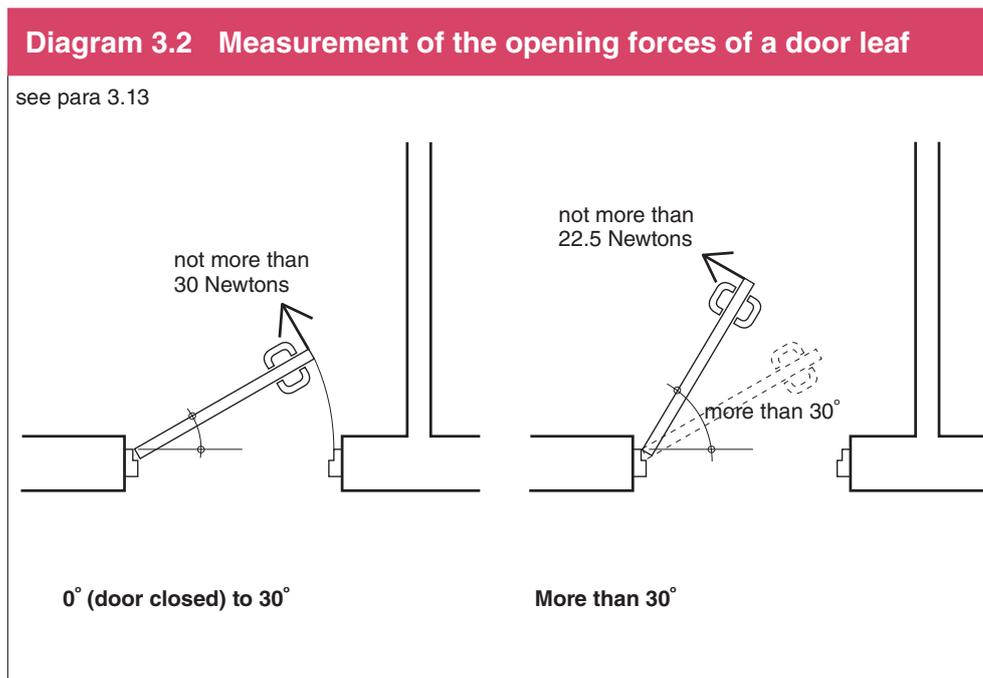
- 3.12 Self-closing devices on manually operated non-powered swing doors can create difficulties for many people who have limited upper body strength, are pushing prams or are carrying heavy objects. The force needed to open a door and pass through the doorway, against a closing device, should therefore be limited.

A space alongside the leading edge of a door, on the pull side, will enable a wheelchair user to reach and grip the door handle, then open the door without releasing hold on the handle and without the footrest colliding with the return wall.

Door furniture on manually operated non-powered doors should be easy to operate by people with limited manual dexterity, and be readily apparent to assist visually impaired people.

- 3.13 The force required to open a manually operated entrance door should be not more than –
- (a) 30 Newtons between 0° (door closed) and 30° of the opening arc of the door; and
 - (b) 22.5 Newtons from a point greater than 30° of the opening arc of the door,

measured at the leading edge of the door leaf during the opening action. See Diagram 3.2.



- 3.14 A manually operated entrance door should have an unobstructed space of not less than 300 mm, at the leading edge of the door leaf on the pull side. See Diagram 3.1.
- 3.15 Door opening furniture should –
- (a) be distinguishable, through suitable visual contrast, from that of the face of the door leaf; and
 - (b) where the door leaf is fitted with a latch, be operable by a person with limited manual dexterity (e.g. a lever handle).

Power operated entrance doors to accessible entrances

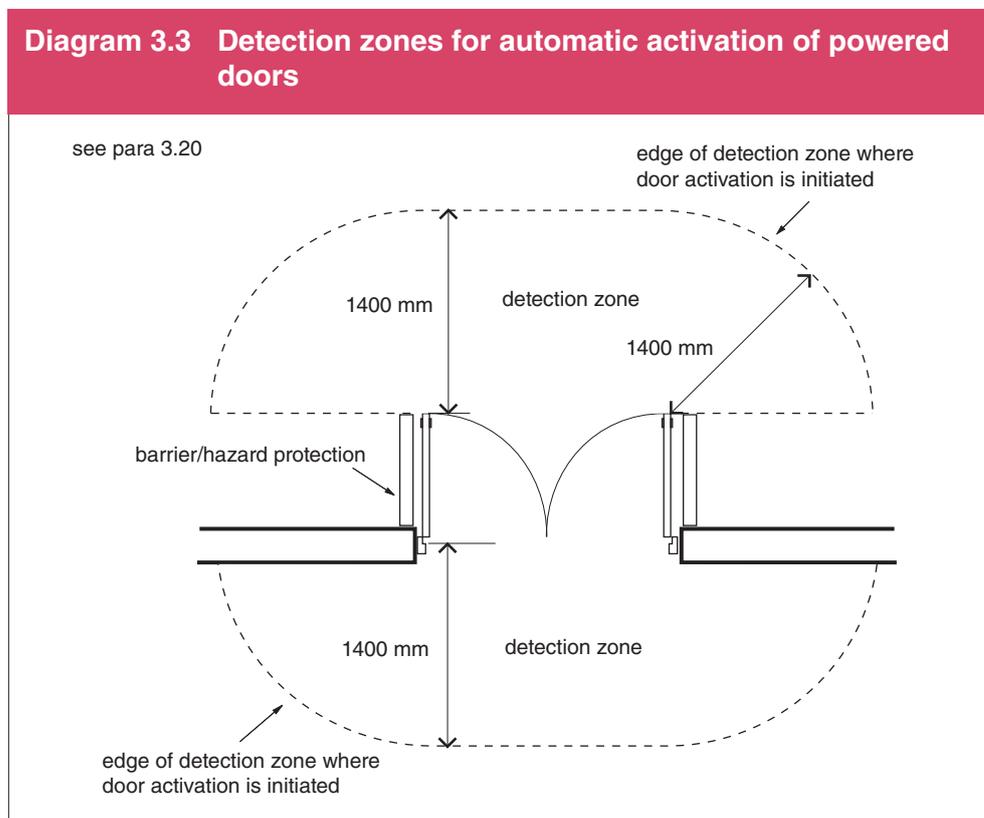
- 3.16 A powered door opening and closing system, either manually controlled or automatically operated by sensors, is the most satisfactory solution for the majority of people. An automatic sliding door arrangement is particularly beneficial as it avoids the risks associated with automatic swing doors and its use can make it possible to reduce the length of any entrance lobby.

Manual controls for powered entrance doors should be distinguishable against their background and located so that a person, having used the control, does not need to move to avoid contact with the door as it opens.

Revolving doors are not considered accessible. They create particular difficulties, and risk of injury, for people with assistance dogs, visually impaired people or those with mobility problems and for people with children and/or pushchairs. If the entrance includes a revolving door, then a door complying with the provisions for manually operated or power operated entrance doors should be provided immediately adjacent to it.

- 3.17 A power operated entrance door should have a sliding, swinging or folding action that is activated –
- (a) manually by a push pad, electronic card, coded entry, or by remote activation; or
 - (b) automatically (e.g. by a motion detector).
- 3.18 Any manual controls to operate a powered entrance door should comply with the requirements of paragraph 5.40 and 5.44(g) (see Diagram 5.8(b)).
- 3.19 Where a power operated entrance door has a swing action, indication of its operation and direction of swing should be provided to the side that the door opens towards.
- 3.20 Where a power operated entrance door has an automatic activation device, it should be positioned so that the edge of the detection zone, where activation is initiated, is 1400 mm from –
- (a) the door, measured perpendicular to the plane of the closed door, when the door opens away from the user; and
 - (b) the leading edge of the door in the fully open position, when the door opens towards the user.

See Diagram 3.3.



Glazed entrance doors and glazed screens to accessible entrances

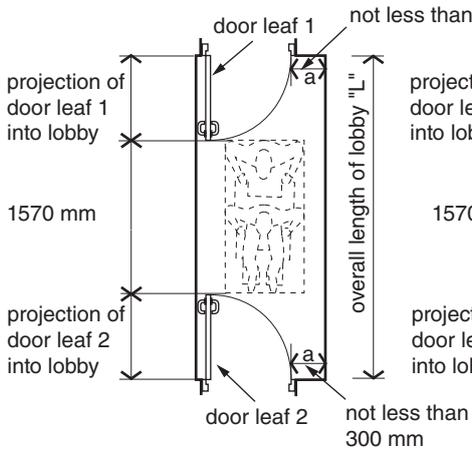
- 3.21 Visually impaired people should be in no doubt as to the location of glass entrance doors, especially when the doors are within a glazed screen.
- The presence of the door should be apparent when it is shut and also when open. Where it can be held open, measures should be taken to avoid people being harmed by walking into the door.
- In addition to meeting the requirements of Part R, glazed doors and screens must also comply with the relevant requirements of Part V.
- 3.22 Where an entrance door is manufactured from transparent or translucent materials and –
- (a) forms part of, or is adjacent to, a glazed screen, it should have its top and side face edges distinguishable, through suitable visual contrast, from that of the glazed screen; and
 - (b) is designed and installed to be capable of being held open, the leading edge of the door should be protected by a suitable distinguishable barrier when in the held open position.

Entrance lobbies to accessible entrances

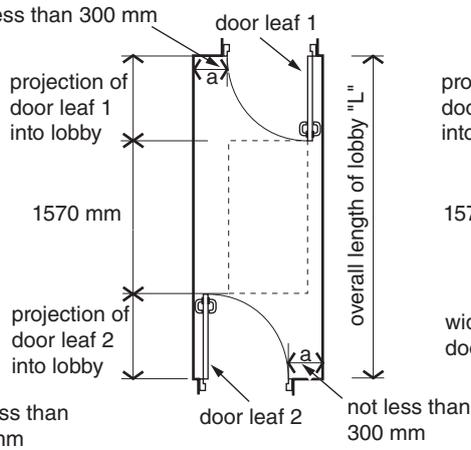
- 3.23 An entrance lobby should be large enough and of a shape to allow a wheelchair user along with a companion or a person pushing a pram to move clear of one door before opening a second door. The minimum length of the lobby is related to door size, door swing, the projection of the door into the lobby and the size of an occupied wheelchair with a companion pushing. Where both doors of a lobby are automatic sliding doors, the length can be reduced as no door swings are involved, nor is space required for manual operation. Similarly, if 'reduced swing' door sets are used, the length can be reduced because the projection of the door into the lobby is reduced.
- 3.24 An entrance lobby should –
- (a) have the minimum dimensions shown in Diagram 3.4, clear of any projections (including any handrail), into the lobby; and
 - (b) have a floor that complies with the provisions of paragraph 3.7.
- 3.25 Any door to and within any entrance lobby should comply with the provisions of paragraphs 3.9 to 3.11, 3.13 to 3.15, 3.17 to 3.20 and 3.22.

Diagram 3.4 Lobbies

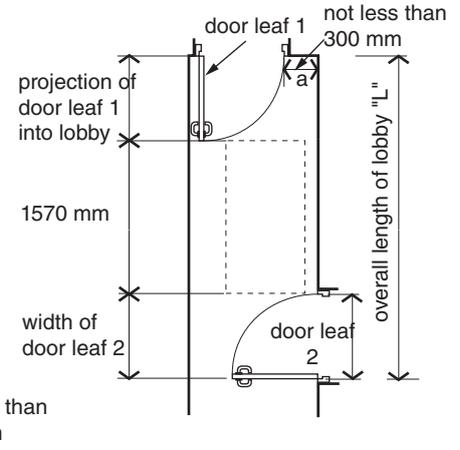
see paras 3.24 and 4.11(a)



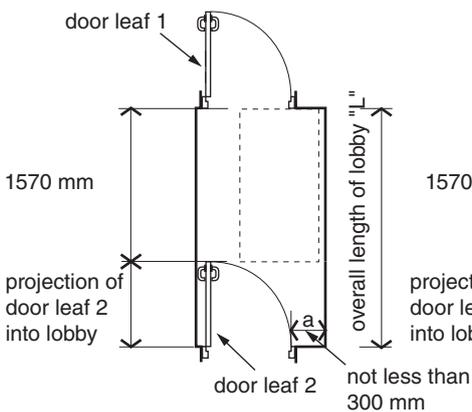
Example 1



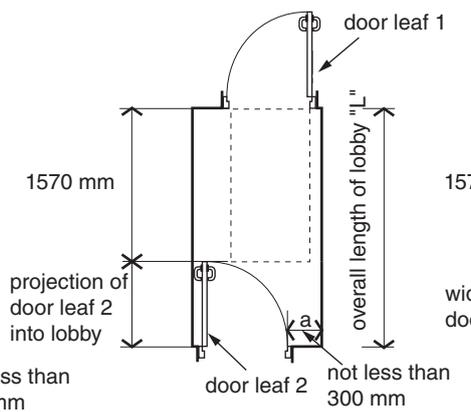
Example 2



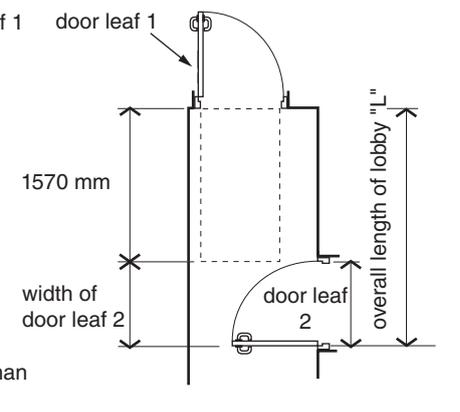
Example 3



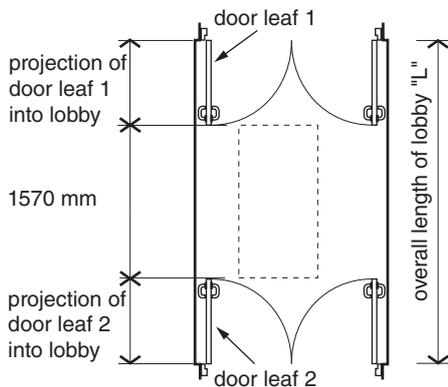
Example 4



Example 5



Example 6



Example 7

Lobby widths

The unobstructed clear lobby width should be -

- a) for lobbies served by single leaf doors - not less than the width of the widest door leaf plus 300 mm or not less than 1200 mm whichever is the greater; and
- b) for lobbies served by double leaf doors - not less than 1800 mm.

Clear space to leading edge of door

For lobbies served by single leaf doors - the dimension "a" should be not less than 300 mm but for every 100 mm increase in this dimension (resulting in an increased lobby width) the overall length of the lobby "L" may be reduced by 100 mm but should not be less than L minus 600 mm.

Note -

The required effective clear width of a door opening is dependent upon the width and direction of the approach.

Section 4 Access within buildings other than dwellings

General

- 4.1 In a building there should be sufficient space for manoeuvring, convenient ways of travelling from one storey to another and the inclusion of features to help people move safely and conveniently through the building.

Horizontal circulation

Corridors and passageways

- 4.2 Corridors and passageways need to be wide enough to allow people with assistance dogs, buggies, people carrying cases, etc., to pass others on the access route. Wheelchair users should also have access to adjacent rooms and spaces, be able to pass other people and, where necessary, turn through 180°.
- 4.3 Horizontal circulation within a storey should be level or contain a gradient in the direction of travel less steep than 1 in 20, or by means of a ramp or ramps and landings.

Ramps are not necessarily suitable and convenient for all people. For example, some people who can walk but have restricted mobility find it more difficult to negotiate a ramp than a stair. It is therefore beneficial to have a stair as well as a ramp.

Where it is impracticable to provide a ramp to move between levels within a storey, a lifting platform, complying with the provisions of paragraphs 4.25 to 4.33 and 4.39 to 4.45 should be provided to transfer wheelchair users or people with impaired mobility, vertically between levels. A stair should always be provided, in addition to a lifting platform.

- 4.4 A corridor or passageway should have an unobstructed width of not less than 1200 mm. Minor projections (e.g. skirtings, architraves, etc.) may be ignored. However, where a projection into the corridor or passageway is unavoidable (e.g. at an archway in an existing building) and is more than 100 mm, that projection should have a suitable means of directing people around it.
- 4.5 Where a corridor or passageway is more than 50 m in length and has an unobstructed width of less than 1800 mm, it should have passing places spaced at not more than 50 m. Every passing place should be not less than 1800 mm wide and not less than 1800 mm long. The width of the passing place may include the width of the corridor or passageway and may be incorporated into corridor junctions.
- 4.6 The floor of a corridor or passageway should –
- (a) have a surface that has a suitable slip resistance; and
 - (b) be level, or contain a gradient in the direction of travel less steep than 1 in 20. However, where the floor has a gradient of 1 in 20 or steeper, a ramp or ramps and landings, should be provided.

- 4.7 Where a corridor or passageway has a gradient –
- (a) that is steeper than 1 in 60 but less steep than 1 in 20, it should have –
 - (i) horizontal rest areas not less than 1500 mm long; and
 - (ii) a rise of not more than 500 mm between rest areas;
 - (b) the gradient should extend the full width of the corridor or passageway or –
 - (i) have any exposed edge of the gradient distinguishable, through suitable visual contrast; and
 - (ii) be adequately guarded where there is a risk of falling.
- 4.8 A door should not open into a corridor or passageway, other than –
- (a) a door to a cupboard or duct; or
 - (b) a door giving access to a unisex wheelchair accessible toilet, provided that the corridor or passageway is not less than 1800 mm wide at that point, and is not a main route of travel or a means of escape provided to comply with Part E.
- 4.9 Any area below the soffit of a stair or a ramp and its landings that is less than 2100 mm above a circulation route, should be protected by a distinguishable barrier rail which incorporates either a vertically continuous barrier or a kerb at floor level. See Diagram 2.2. The provisions of this paragraph should not apply to the headroom above a flight or ramp and landings.

Internal lobbies

- 4.10 An internal lobby should allow a wheelchair user, with or without a companion, or a person pushing a buggy, to move clear of one door before attempting to open a second door. The general guidance relating to entrance lobbies is applicable to internal lobbies.
- 4.11 An internal lobby should have –
- (a) the minimum dimensions shown in Diagram 3.4, clear of any projections e.g. handrails, columns, ducts, etc.; and
 - (b) a floor surface that is at, or about, the same level as the floor surface at any entrance to the lobby.

Internal doors

- 4.12 For some building users doors are potential barriers. If doors are required, the use of self-closing devices should be minimised (particularly in parts of buildings used by the general public) since, as described in paragraph 3.12, they disadvantage many people who have limited upper body strength, are pushing prams or are carrying heavy objects.

Where closing devices are needed for fire control, electrically powered hold-open devices or swing-free closing devices should be used as appropriate. Low energy powered door systems may be used in locations not subject to frequent use or heavy traffic as the opening and closing action is relatively slow.

The presence of doors, whether open or closed, should be apparent to visually impaired people through the careful choice of colour and material for the door and its surroundings. For example, when a door is open, partially sighted people should be able to identify the door opening within the wall, and the leading edge of the door.

Other guidance as set out in paragraph 3.12 in relation to manually operated non-powered swing doors also applies.

Once open, doors should be wide enough to allow unrestricted passage for a variety of users, including wheelchair users.

- 4.13 The effective clear width of a doorway is interrelated to the width of the circulation route and the direction of approach to the doorway.

An internal door should contain a leaf, which provides an effective clear width of not less than that given in column (3) of Table 4.1. This effective clear width applies to a single leaf door or one leaf of a double leaf door. However, where a double leaf door is power operated, the effective clear width may be incorporated between both leaves provided those leaves operate simultaneously.

- 4.14 Where a building is to be altered or undergo a material change of use and the provisions of paragraph 4.13 cannot be achieved, an internal door may contain a leaf which provides an effective clear width of not less than that given in column (4) of Table 4.1.

Table 4.1 Effective clear width of internal doors			
Width of corridor or passageway	Direction of approach	Effective clear width of door in a new building	Effective clear width of door in an existing building
(1)	(2)	(3)	(4)
not less than 1500 mm	head on	800 mm	750 mm
not less than 1500 mm	not head on	800 mm	750 mm
less than 1500 mm	head on	800 mm	750 mm
less than 1500 mm	not head on	825 mm	775 mm

- 4.15 When an internal door is designed and constructed to be manually operated it should –
- (a) comply with the provisions of paragraph 3.13 in relation to opening forces;
 - (b) where the door is fitted with a latch, have door opening furniture that is suitable for use by a person with limited dexterity (e.g. a lever handle); and
 - (c) have an unobstructed space of not less than 300 mm at the leading edge of the door on the pull side. See Diagram 3.1. This provision does not apply to a door that gives access to a guest bedroom not designed as a wheelchair accessible bedroom.

- 4.16 Door opening furniture should be distinguishable, through suitable visual contrast, from the face of the door leaf.
- 4.17 Any door surround should be distinguishable, through suitable visual contrast, from the adjacent wall surface in which it is set.
- 4.18 An internal door that is designed and installed as to be capable of being held open, or where a door leaf is not self-closing, should have the leading edge of the door leaf distinguishable, through suitable visual contrast, from the other surfaces of the door leaf.
- 4.19 Where a doorway contains door leaves of unequal width, and is across a main route of travel, or an escape route provided to comply with Part E, the wider door leaf should be located consistently on the same side throughout the length of the route.
- 4.20 Where a manually operated internal door is fitted with a self-closing device and –
- (a) is across a corridor it should –
 - (i) comply with the provisions of paragraph 3.13 in relation to opening forces; or
 - (ii) be held open by a suitable device; and
 - (b) gives access to any part of a storey (e.g. rooms or similar spaces, other than those parts excluded by Regulation 90 in Part R) and is not across a corridor it should –
 - (i) comply with the provisions of paragraph 3.13 in relation to opening forces; or
 - (ii) be fitted with a suitable closing device that will allow the door to swing free during normal operation.
- 4.21 As low effort powered door systems have an opening and closing action that is relatively slow, where a door is fitted with a low effort powered swing door opening system, the door should –
- (a) not be across a main route of travel; and
 - (b) be capable of being opened in manual mode, power mode and power assisted mode.

Vertical circulation

Vertical access between storeys

4.22 To facilitate all people, a passenger lift is the most suitable means of vertical access and should be provided wherever possible. However, given the space constraints in some buildings, it may not always be possible to install the type and size of passenger lift that would be suitable for use by all, and other options need to be considered to provide for users with mobility impairments.

The following provisions for a passenger lift or lifting platform relate to the provision of sufficient space and design features that will make such lifting devices accessible.

4.23 Whatever lifting device is chosen, internal stairs should also be provided as an alternative means of vertical access.

4.24 Vertical circulation to any storey above or below the principal entrance storey should be provided by means of a passenger lift complying with the provisions of paragraphs 4.25 to 4.38. However where –

- (a) the space within a building is severely restricted by site constraints; or
- (b) the installation of a passenger lift would severely affect –
 - (i) the existing accommodation; or
 - (ii) an existing accessible feature of the building,

a lifting platform, complying with the provisions of paragraphs 4.25 to 4.33 and 4.39 to 4.45, may be provided to transfer, either independently or with their companions, wheelchair users or people with impaired mobility vertically between storeys.

Lifting devices

4.25 All users including wheelchair users should be able to reach and use the controls that summon and direct the lifting device.

4.26 A manoeuvring space in front of the door to the lifting device should be provided on each storey. This space should have an unobstructed width and depth of not less than 1500 mm.

4.27 Landing call buttons should –

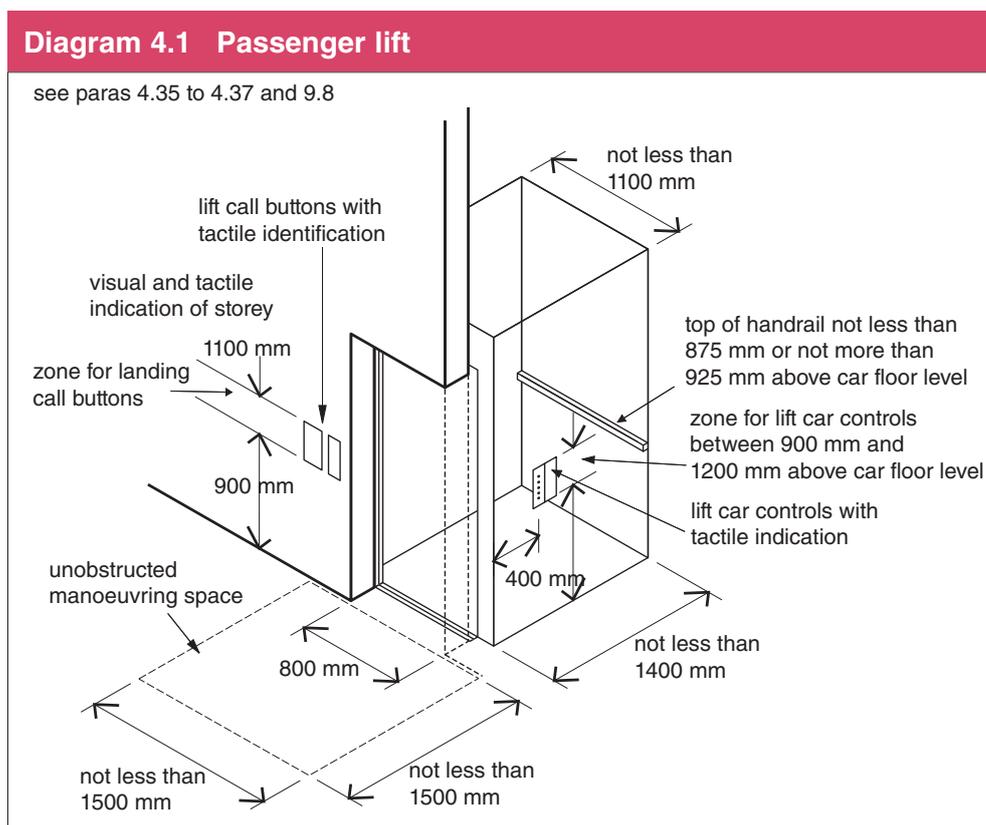
- (a) be not less than 900 mm or not more than 1100 mm above the floor level of the landing, and not less than 500 mm from any return wall;
- (b) have suitable raised tactile indication of their function on, or adjacent to, the buttons to identify the storey and direction of travel; and
- (c) be distinguishable, through suitable visual contrast, from any surrounding face plate. The face plate should be distinguishable, through suitable visual contrast, from the surface on which it is mounted.

- 4.28 Lifting device control buttons should –
- (a) have suitable raised tactile indication of their function, on, or adjacent to, the buttons within the lifting device; and
 - (b) be distinguishable, through suitable visual contrast, from any surrounding face plate. The face plate should be distinguishable, through suitable visual contrast, from the surface on which it is mounted.
- 4.29 A handrail should be provided to at least one side of the car or platform of the lifting device. This will assist ambulant users.
- The top surface of the handrail should be not less than 875 mm or not more than 925 mm, above the floor of the lifting device.
- 4.30 A lifting device should have a suitable emergency communication system, giving audible and visual indication that the alarm has been given and received.
- 4.31 Any glazing to walls of the lifting device should be made readily apparent.
- 4.32 To reduce the risk of people slipping or falling, the surface of the floor of the lifting device and any associated manoeuvring space should have similar surface frictional characteristics.
- 4.33 To aid visually impaired people, the floor of the lifting device should not be of a dark colour. A lift car with a dark coloured floor may, to a visually impaired person, look like an open lift shaft.

Passenger lifts

- 4.34 A wheelchair user needs sufficient space and time to enter and leave a passenger lift, particularly when sharing it with other people. Lift sizes should therefore be chosen to suit the anticipated density of use of the building and the needs of people with a disability. A lift car with a minimum size of 1100 mm by 1400 mm accommodates a wheelchair user with an accompanying person. A larger lift car size (2000 mm wide by 1400 mm deep) will accommodate any type of wheelchair together with several other passengers. It will also allow a wheelchair user or a person with a walking frame to turn through 180°.
- Lift door systems should be designed to allow adequate time for people, and assistance dogs, to enter or leave the lift without coming into contact with closing doors.
- People using or waiting for a lift need audible and visual information to inform them that the lift car has arrived, and which floor it has reached.
- 4.35 The car of a passenger lift should have a width of not less than 1100 mm and a depth of not less than 1400 mm, measured internally. See Diagram 4.1.
- Where the lift car is less than 1500 mm wide by 1500 mm deep, a suitably sized and positioned mirror should be fitted to the car wall opposite the door. This will assist a wheelchair user to exit the lift when it is of a size that will not allow a wheelchair user to turn around within the lift car.

4.36



A passenger lift should have a power operated horizontal sliding door or doors which provide a clear width of not less than 800 mm. See Diagram 4.1.

The door or doors to a passenger lift should be fitted with –

- (a) an adjustable door timing device; and
- (b) a door re-activating device, which prevents physical contact between the user and the leading edge of the closing door or doors.

Lift door or doors should be distinguishable, through suitable visual contrast, from the adjacent landing, and internal car, wall surfaces.

4.37 The controls within the lift car should be located not less than 900 mm, and not more than 1200 mm above the floor of the car, and not less than 400 mm horizontally from any return wall of the lift car. See Diagram 4.1.

4.38 Visual indication and voice indication of the lift arrival and its location, should be provided in the lift lobby and within the lift car.

Lifting platforms

- 4.39 A lifting platform should only be provided to transfer wheelchair users, people with reduced mobility and their companions vertically between levels or storeys.

All users, including wheelchair users, should be able to reach and use the controls that summon and direct the lifting platform.

People using a lifting platform need audible and visual information to tell them that the platform has arrived, and which floor it has reached.

- 4.40 A lifting platform should be contained within a liftway enclosure where –
- (a) the vertical travel distance is more than 2000 mm; or
 - (b) the lifting platform travels through a floor penetration.

- 4.41 A lifting platform should have a platform size of –
- (a) not less than 800 mm wide and not less than 1250 mm deep, where the lifting platform is not contained within a liftway enclosure;
 - (b) not less than 900 mm wide and not less than 1400 mm deep, where the lifting platform is contained within a liftway enclosure;
 - (c) not less than 1100 mm wide and not less than 1400 mm deep, where there are two lift doors located at 90° relative to each other; or
 - (d) not less than 1100 mm wide and not less than 1400 mm deep, where the lifting platform is designed and constructed to accommodate an accompanied wheelchair user.

- 4.42 A lifting platform should have a door or doors which provide an effective clear width of not less than –
- (a) 900 mm, where the size of the lifting platform is not less than 1100 mm wide and not less than 1400 mm deep; or
 - (b) 800 mm in any other case.

A door or doors to a lifting platform should be distinguishable, through suitable visual contrast, from that of the adjacent wall surfaces.

- 4.43 The platform controls for a lifting platform should be –
- (a) of the continuous pressure type; and
 - (b) positioned not less than 800 mm and not more than 1100 mm above the floor of the lifting platform and not less than 400 mm horizontally from the front face of the lifting platform.

- 4.44 Visual indication and audible indication of the lifting platform arrival and the floor reached, should be provided within the lifting platform.

- 4.45 Clear permanent operating instructions should be provided either in, or adjacent to, the lifting platform.

Section 5 Facilities in buildings other than dwellings

General

- 5.1 This Section gives guidance to ensure that people have access to facilities that are provided in a building. Provisions for sanitary accommodation and associated sanitary facilities are given in Section 6.

Reception

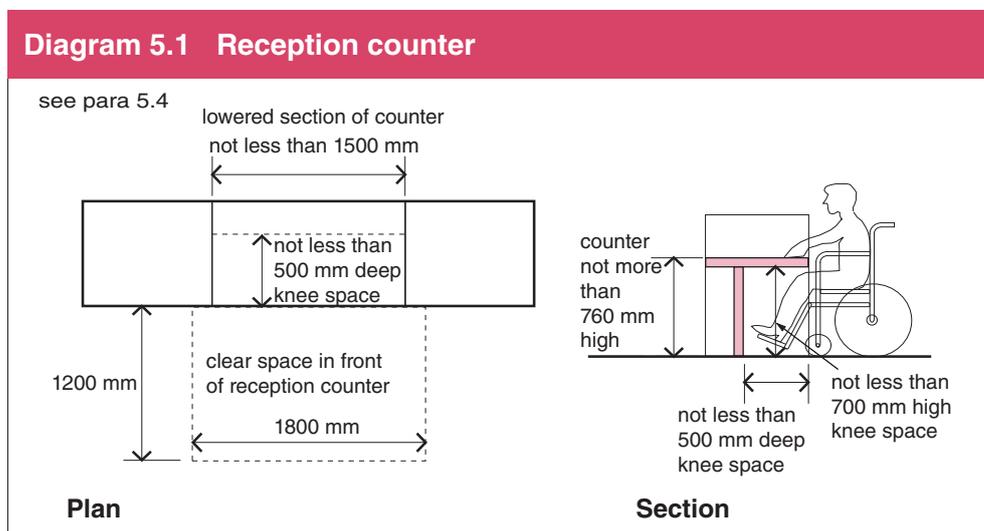
- 5.2 As the area inside the entrance (or associated lobby) is the first point of contact with a building's activities and resources, consequently, the reception area in particular should be easily identifiable and also convenient to use.

Fixed reception counter

- 5.3 Where a fixed reception counter is provided in a space immediately inside the principal entrance, accessible entrance or associated lobby, it should –
- be readily apparent from the entrance doors or entrance lobby;
 - be located so as not to be subject to the risk of extraneous external noise; and
 - have a means of access that complies with paragraphs 4.4 to 4.9.
- 5.4 At least one section of a reception counter should have –
- its working surface not more than 760 mm above floor level for a length of not less than 1500 mm;
 - a knee space of not less than 500 mm deep by not less than 700 mm above floor level; and
 - a clear space 1200 mm deep by 1800 mm wide in front of the lower section of the reception counter.

This section of the reception counter should be located in an obvious position.

See Diagram 5.1.



Audience seating

- 5.5 Where permanent or removable seating is provided as part of the design, allowance should be made for people who have a disability to have a choice of seating location at spectator events. Wheelchair users and those with a mobility impairment should be provided with spaces into which they can manoeuvre easily, and which offer them a clear view of the activity taking place, while ensuring they are not segregated into special areas and not obstructing the view of other users.

Wheelchair users and people who have difficulty in using seats with fixed arms should have the choice of sitting next to a companion wheelchair user or a conventionally seated person.

- 5.6 Where there is fixed audience seating, wheelchair spaces should be provided in accordance with Table 5.1.

Table 5.1 Provision of wheelchair spaces in audience seating

Seating capacity	Minimum provision of wheelchair spaces
up to 600	1% of total seating capacity (or part thereof) to be permanent wheelchair spaces augmented by the provision of removable seating to create, in total, 6 wheelchair spaces
601 to 10,000	1% of total seating capacity (or part thereof) to be permanent wheelchair spaces
10,001 to 20,000	100, plus 5 per 1000 (or part thereof) above 10,000 (all to be permanent wheelchair spaces)
20,001 to 40,000	150, plus 3 per 1000 (or part thereof) above 20,000 (all to be permanent wheelchair spaces)
more than 40,000	210, plus 2 per 1000 (or part thereof) above 40,000 (all to be permanent wheelchair spaces)

Example 1: A facility has an audience seating capacity of 2,350 therefore 1% of 2350 = 23.5 rounded up to 24 wheelchair spaces.

Example 2: A facility has an audience seating capacity of 28,500 therefore 150 spaces are required for the first 20,000, the remaining 8,500 is rounded up to 9,000 which requires 27 spaces (3 per 1000). Therefore 177 wheelchair spaces must be provided.

- 5.7 A wheelchair space should –
- have a horizontal floor area; and
 - be not less than 900 mm wide by 1400 mm deep.
- 5.8 Wheelchair spaces should be located –
- in a range of single and double wheelchair spaces, with a standard seat to at least one side of each space or group of spaces; and
 - in such a way as to give a range of views.

See Diagrams 5.2, 5.3 and 5.4.

- 5.9 Any stepped gangway to stepped terrace audience seating, should have a suitable means of providing support to people who have physical difficulty in negotiating changes of level.

Diagram 5.2 Typical arrangement of wheelchair spaces

see para 5.8

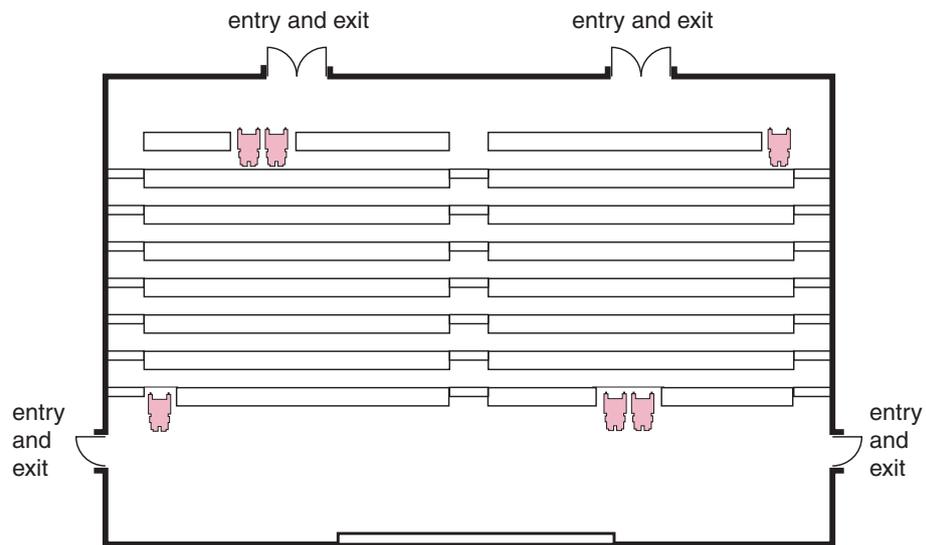
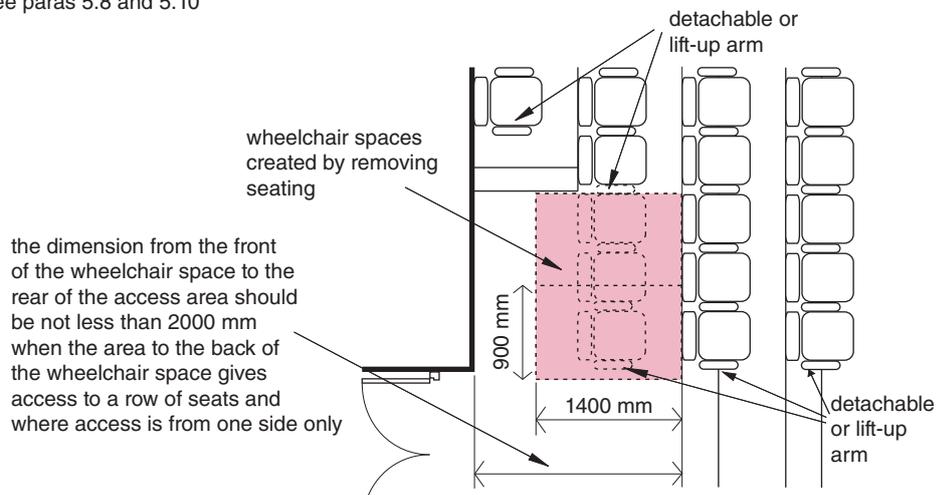


Diagram 5.3 Examples of wheelchair spaces created by removable seating

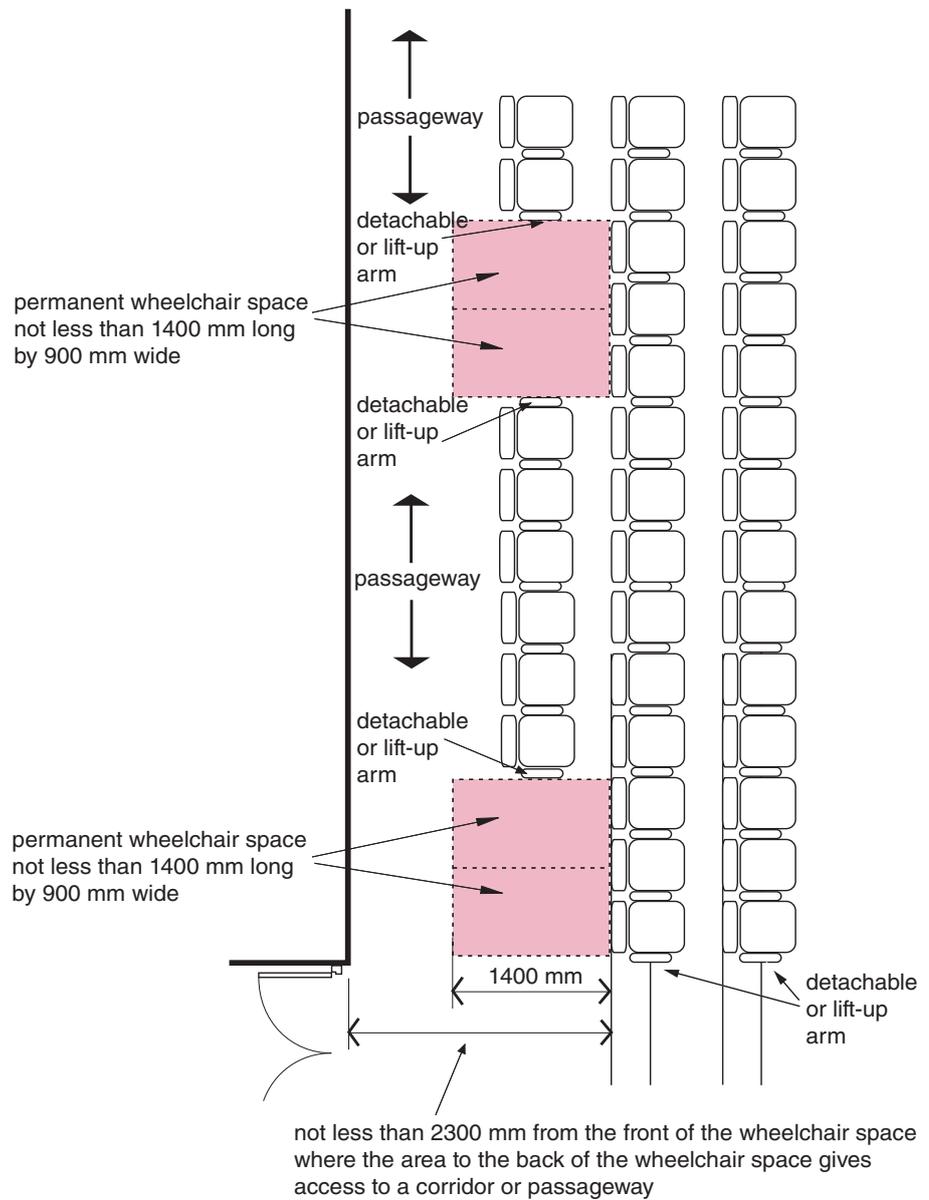
see paras 5.8 and 5.10



- 5.10 Standard fixed seating at the ends of rows and those adjacent to wheelchair spaces should, where they have arm rests, have detachable or lift-up arm rests. See Diagrams 5.3 and 5.4.

Diagram 5.4 Examples of permanent wheelchair spaces

see paras 5.8 and 5.10



Refreshment facilities

- 5.11 Refreshment facilities, such as restaurants and bars, should be designed so that they can be accessed and used by all people. All floor areas in a refreshment facility, even when located at different levels, should be accessible, see paragraph 4.3.

Bars and counters (or sections of them) should be at a level suitable for wheelchair users. However, consideration should be given to the specific use of the bar or counter and the interaction of the users with it.

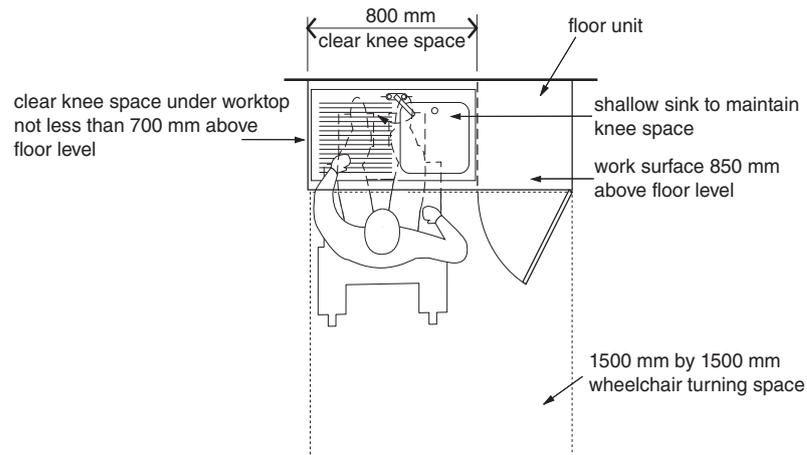
- 5.12 In a refreshment facility e.g. a restaurant or a bar, people should have access to and use of –
- (a) the full range of services offered; and
 - (b) bar and self-service counters.
- 5.13 A serving counter or bar counter should have not less than one section of its working surface at a height of 850 mm above floor level for a length of not less than 1500 mm.
- 5.14 A level threshold complying with the provisions of paragraph 3.10, should be provided to any doorway between the refreshment facility in a building and any associated external seating area.

Shared refreshment facilities

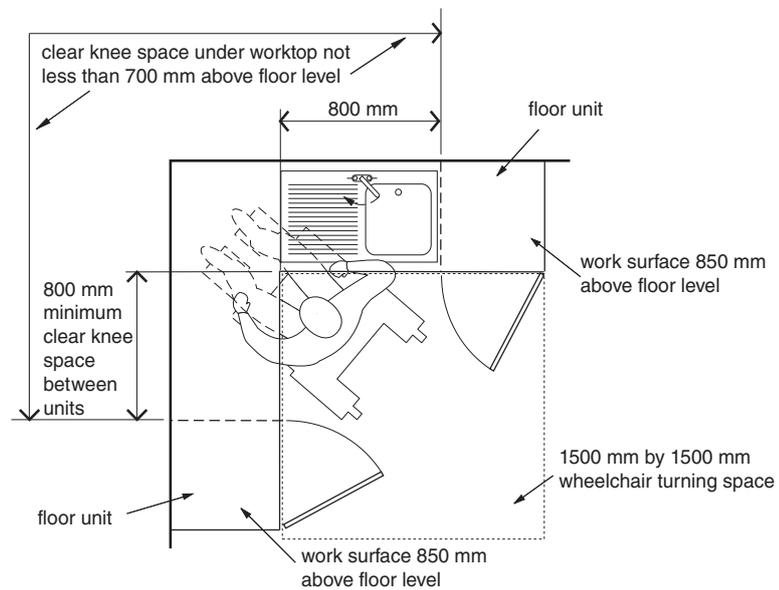
- 5.15 A shared self-catering refreshment facility e.g. a facility for tea making, should have –
- (a) a work surface at 850 mm above floor level; and
 - (b) a clear knee space below the work surface –
 - (i) of not less than 700 mm above floor level; and
 - (ii) where appropriate, not less than 800 mm between floor units.
- See Diagram 5.5.

Diagram 5.5 Examples of a shared refreshment facility

see para 5.15



Example 1 - basic refreshment facility



Example 2 - showing clear knee space between floor units

Guest bedrooms

- 5.16 Sleeping accommodation, where provided for a significant number of people, e.g. in hotels, motels, purpose built student living accommodation, etc., should be convenient for all.

All guest bedrooms

- 5.17 All guest bedrooms should include facilities that make them suitable for people who do not use a wheelchair, but may have mobility, sensory, dexterity or learning difficulties.

It is important to ensure that, in all bedrooms, built-in wardrobes and shelving are accessible and convenient to use.

- 5.18 Where door signage is provided to a guest bedroom, it should have suitable tactile indication of the room name or number.

- 5.19 Where an opening window is provided to a guest bedroom –
- (a) the opening portion should be not less than 800 mm above floor level; and
 - (b) a control used for opening or closing a window should be –
 - (i) located not less than 800 mm and not more than 1000 mm above floor level; and
 - (ii) designed and constructed for single handed use.

- 5.20 Where a fixed storage system has swing doors, these doors should be capable of opening through 180°.

- 5.21 Door furniture to fixed storage systems, within guest bedrooms, should be –
- (a) easy to grip and operate; and
 - (b) distinguishable, through suitable visual contrast, from the face of the door leaf.

- 5.22 All guest bedrooms should have a visual fire alarm signal in addition to the requirements of Part E.

Wheelchair accessible guest bedrooms

- 5.23 As people who use wheelchairs require greater provision of space, a proportion of the guest bedrooms should be designed for independent use by wheelchair users.

Wheelchair accessible bedrooms should be no less advantageously situated than other bedrooms.

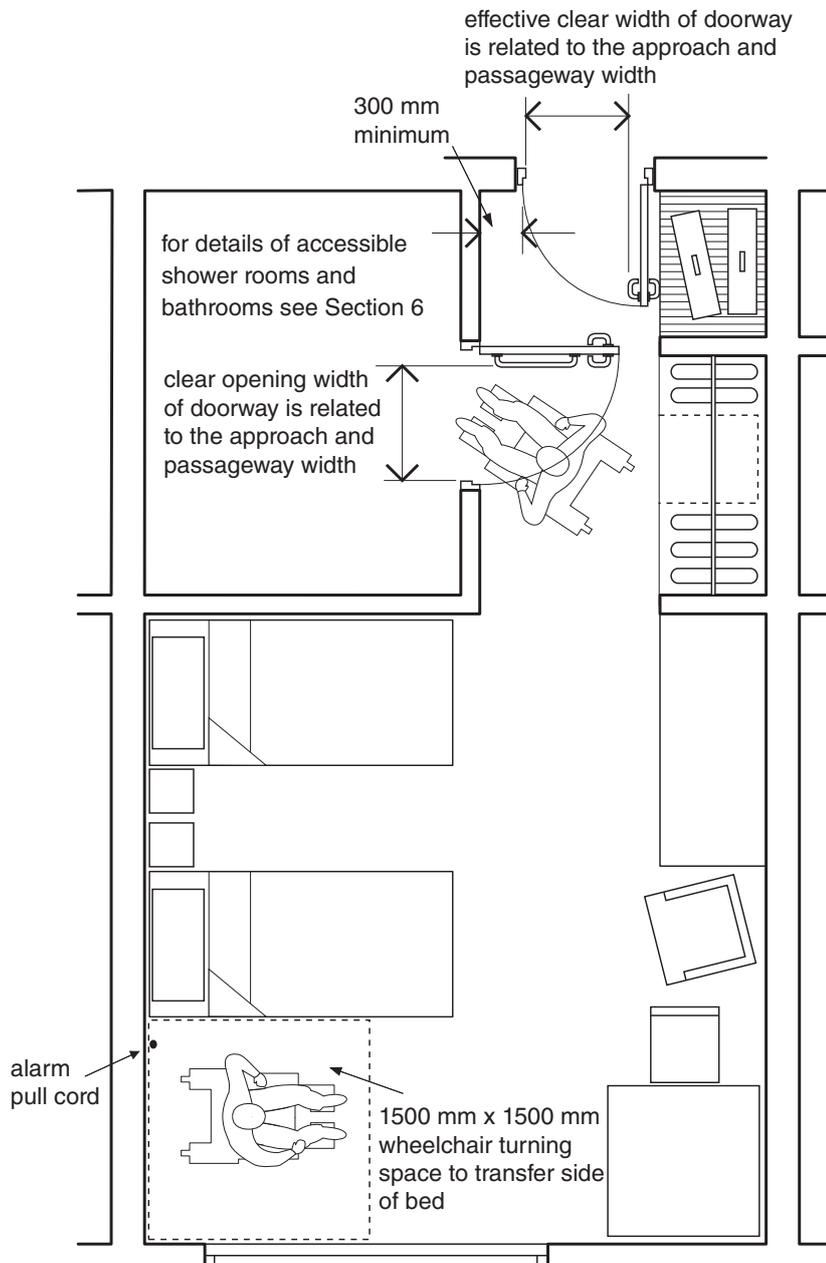
- 5.24 At least one guest bedroom out of every 20 (or part thereof) guest bedrooms should be wheelchair accessible.

Where there is more than one wheelchair accessible bedroom provided, they should be positioned within the building to give a range of locations.

A typical wheelchair accessible guest bedroom is shown in Diagram 5.6.

Diagram 5.6 Typical wheelchair accessible guest bedroom

see para 5.24



- 5.25 Where a wheelchair accessible guest bedroom has a balcony, there should be access to it by a doorway –
- (a) that has a clear opening width that complies with Table 4.1;
 - (b) with a level threshold that complies with the provisions of paragraph 3.10; and
 - (c) with a clear space to the bedroom side of not less than 1500 mm deep.

Where a door to a balcony contains glazing, it should have a zone of visibility from a height above floor level of not more than 900 mm to not less than 1200 mm.

- 5.26 Where a door viewer is provided to the entrance door to a wheelchair accessible guest bedroom a second door viewer should also be provided. These door viewers should be positioned at 1050 mm and 1500 mm above floor level.
- 5.27 A wheelchair accessible guest bedroom should have an emergency assistance alarm –
- (a) that is activated by a pull cord, complying with the provisions of paragraph 5.46, that can be operated from the bed and from the adjacent floor area at the transfer side of the bed;
 - (b) with a reset button, that can be operated from the bed and from the adjacent area at the transfer side of the bed;
 - (c) having a visual and an audible indication that the emergency alarm has been activated; and
 - (d) having a visual and an audible call signal positioned immediately outside the wheelchair accessible bedroom and at a central monitoring point.

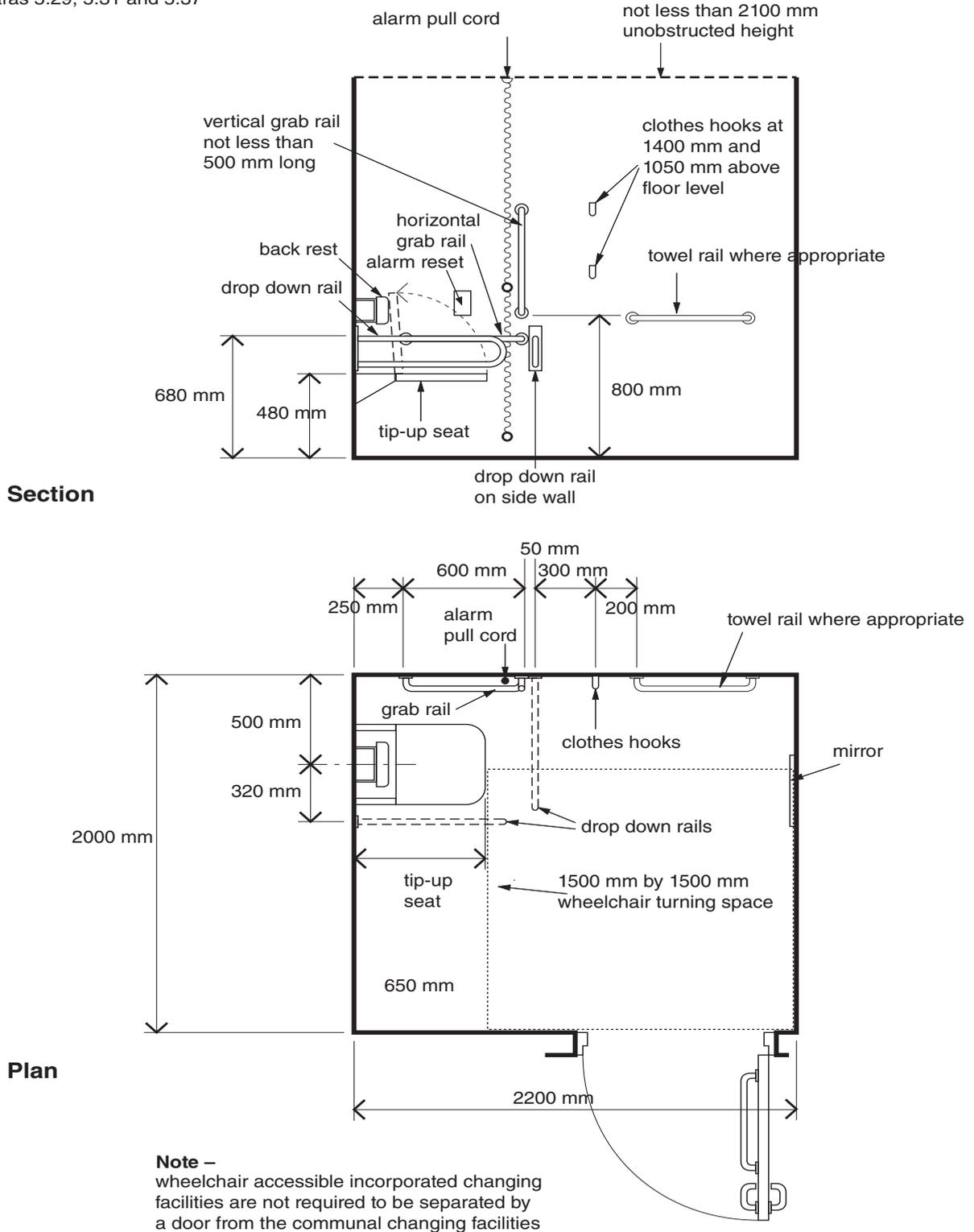
Wheelchair accessible changing facilities

- 5.28 In buildings where changing facilities are provided, some disabled people may require the privacy and convenience of an individual self-contained cubicle or compartment. The self-contained cubicle or compartment should allow space for an assistant.
- Provision of manoeuvring space for a wheelchair, to enable turning and transfer onto the seat, and provision of mirrors and clothes hooks mounted at suitable heights, are all critical features in relation to independent or assisted use of changing facilities. It is important that the seat and grab rails have suitable structural fixing support.
- 5.29 A communal changing facility should have not less than one wheelchair accessible incorporated changing facility. An incorporated changing facility should have the minimum dimensions and arrangement of fittings as shown in Diagram 5.7. A wheelchair accessible incorporated changing facility is not required to be separated by a door from the communal changing facility.
- 5.30 A building for sports facilities should have an individual wheelchair accessible changing room. This is in addition to the provisions of paragraph 5.29.
- 5.31 Where changing facilities are provided for general use and are not associated with showering facilities (e.g. in a clothes shop), not less than one individual wheelchair accessible changing room should be provided. See Diagram 5.7.
- 5.32 Where there is more than one individual wheelchair accessible changing facility, a mixture of left and right hand transfer layouts should be provided to give the user a choice of transfer sides.
- 5.33 Every individual and incorporated wheelchair accessible changing facility should have –
- (a) an emergency assistance alarm complying with the provisions of paragraph 6.5; and
 - (b) an emergency assistance alarm pull cord complying with the provisions of paragraph 5.46, that can be reached from the tip-up seat and the area adjacent to the seat.
- 5.34 A wheelchair accessible changing facility should have a clear space not less than 1500 mm deep in front of any fixed clothing storage system.
- 5.35 Where a door is provided to a wheelchair accessible changing facility, it should be capable of being opened outwards, from the outside, in the case of an emergency.
- 5.36 Where a fire alarm is provided within a wheelchair accessible changing facility, it should emit both an audible and visual alarm signal.
- 5.37 A wheelchair accessible changing facility should, where it is associated with a shower facility, have –
- (a) a floor with a surface that reduces the risk of slipping; and
 - (b) a fixed storage system for limb storage, for the benefit of amputees.

An individual wheelchair accessible changing facility is shown in Diagram 5.7.

Diagram 5.7 Individual wheelchair accessible changing facility

see paras 5.29, 5.31 and 5.37



Outlets, switches and controls

- 5.38 The key factors that affect the use of outlets, switches, and controls are ease of operation, visibility, height and freedom from obstruction. However, there can be exceptions to height requirements for some outlets, e.g. those set into the floor.

Outlets, switches and controls that contrast visually with their surroundings are more convenient for visually impaired people.

The location of socket outlets in relation to doorways and return walls should, where practicable, be consistent throughout the building to further reinforce the ease with which people manipulate switches and controls.

Light switches that are activated by a large push pad are also more convenient for visually impaired people to use.

All people who would reasonably expect to use a control should be able to locate it, know which setting it is on and use it without inadvertently changing its setting.

- 5.39 Paragraphs 5.36 and 5.41 to 5.44 should not apply where the outlet, switch or control is required only for maintenance purposes or not intended for operation by the users of the building.

An outlet, switch or control should not require the simultaneous use of two hands unless this mode of operation is required for reasons of safety.

- 5.40 An outlet, switch or control face plate should be distinguishable, through suitable visual contrast, from the background against which it is seen.

Outlets

- 5.41 An outlet for a non-permanently wired appliance e.g. socket outlet, telephone outlet, etc., should be located within horizontal reach and not less than 400 mm and not more than 1000 mm above the floor level. See Diagram 5.8(a)(1). However, the provisions of this paragraph should not apply to any outlet that is set into a flush mounted floor box located within areas that are designed to be open plan.

- 5.42 Socket outlets should be located not less than 350 mm from any return wall.

Switches and controls

- 5.43 A switched outlet should clearly indicate when in the “on” position (e.g. by a neon indicator, or the top of the rocker is coloured red and exposed when in the “on” position etc.).

- 5.44 A switch or control –

(a) should be located within horizontal reach;

(b) for a permanently wired appliance, should be located not less than 400 mm and not more than 1200 mm above floor level. See Diagram 5.8(a)(2). However, where the design of the appliance requires the switch to be placed at a higher level then it should be not more than 1400 mm above floor level;

- (c) for artificial lighting, should be located not less than 900 mm and not more than 1100 mm above floor level. See Diagram 5.8(a)(3). Where the switch is installed for the use of visitors or customers it should be of the large push pad type;
- (d) that requires precise hand movement (e.g. a ventilation controller), should be located not less than 750 mm and not more than 1200 mm above floor level. See Diagram 5.8(a)(4);
- (e) that is operated using push buttons that require limited dexterity (e.g. door bell, entry phone, etc.), should be located not more than 1200 mm above floor level. See Diagram 5.8(a)(5);
- (f) that requires the user to read a display or setting (e.g. a thermostat), should be located not less than 1200 mm and not more than 1400 mm above floor level. See Diagram 5.8(a)(6); and
- (g) for a power operated door, should be located not less than 750 mm and not more than 1000 mm above floor level. See Diagram 5.8(b).

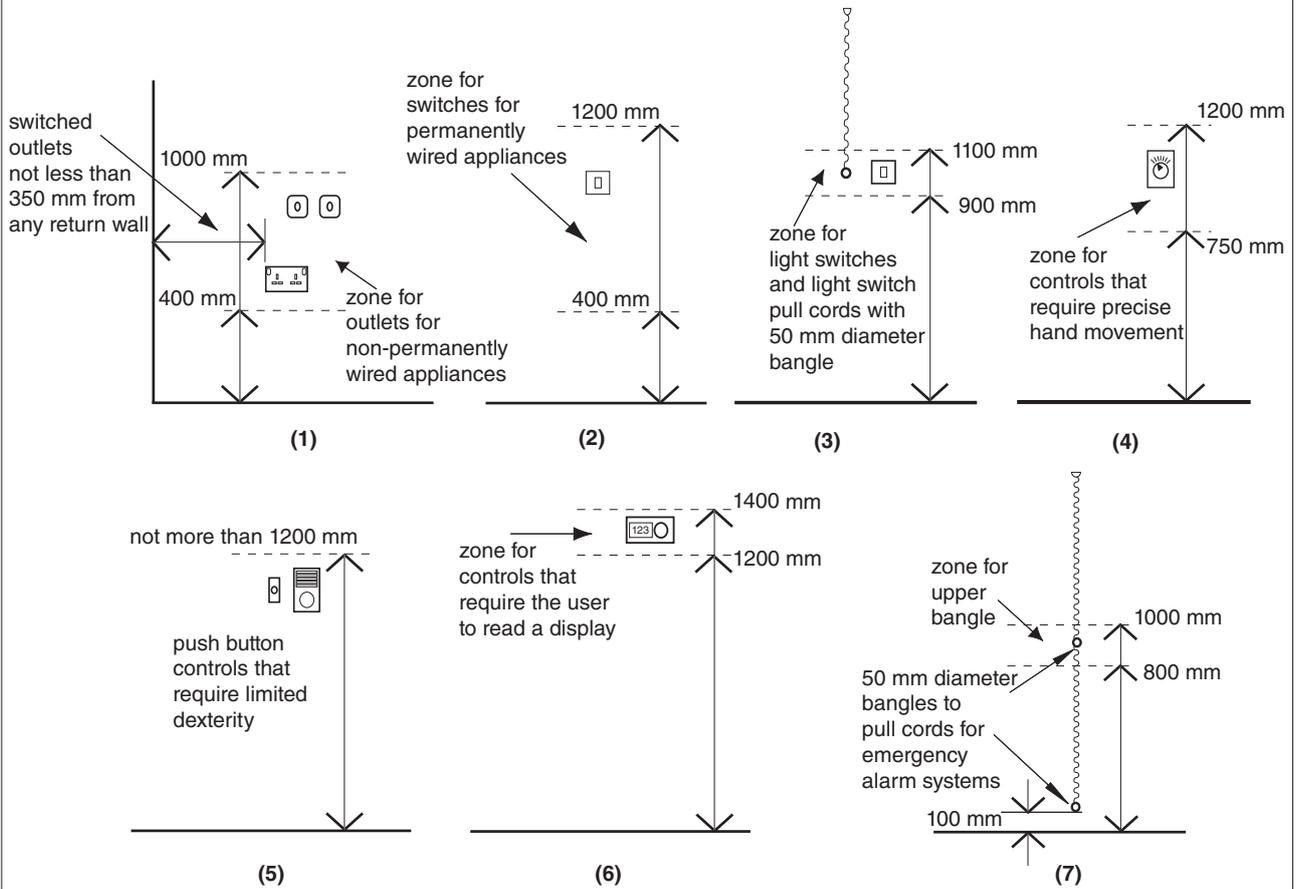
- 5.45 A light cord pull switch should have a 50 mm diameter bangle attached at a height of not less than 900 mm and not more than 1100 mm above floor level. See Diagram 5.8(a)(3). The bangle should be distinguishable through suitable visual contrast, from the background against which it is seen.

Where a pull cord light switch is installed in a room or space that also contains an emergency assistance alarm both the pull cord and the bangle should be distinguishable visually from any emergency assistance alarm pull cord.

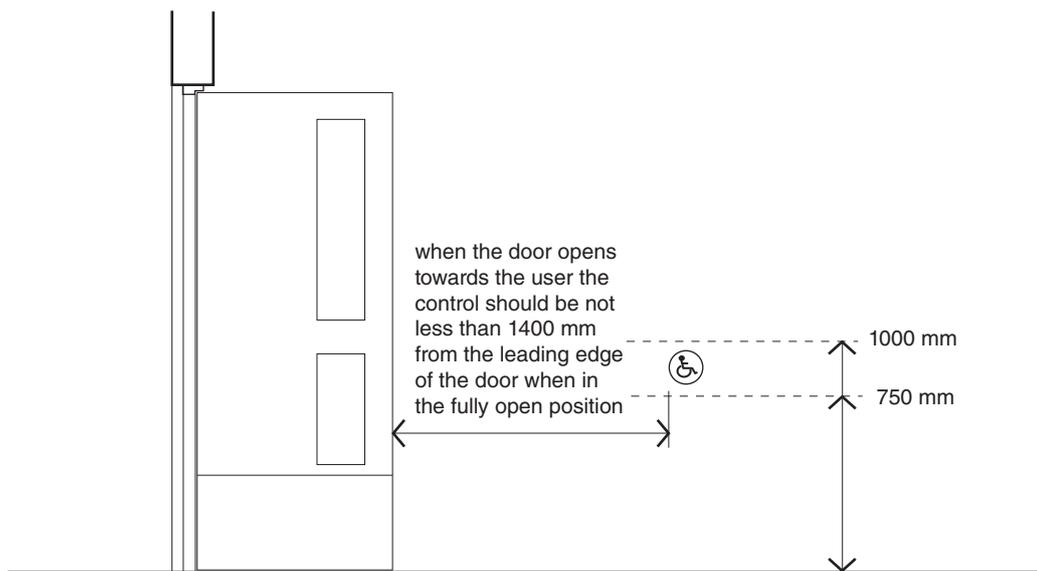
- 5.46 An emergency assistance alarm should have a red coloured pull cord with two red coloured 50 mm diameter bangles. The lower bangle should be set at a height of 100 mm above floor level and the upper bangle should be located not less than 800 mm and not more than 1000 mm above floor level. See Diagram 5.8(a)(7).

Diagram 5.8 Outlets, switches and controls

see paras 3.18 and 5.41 to 5.46



(a) Heights zones for various outlets, controls and switches



(b) Heights zones for automatic door opening controls

Aids to communication

- 5.47 In order to obtain the full benefit of attending public performances or taking part in meetings/lectures, a person using an electronic hearing device needs to receive a signal that is amplified in both volume and signal to noise ratio. The three systems commonly used to provide this enhanced level of sound are induction loop, infrared and radio. Sound field systems are also increasingly being used, particularly in educational establishments. It should be recognised that where adjacent spaces each have an induction loop system there is potential for the signals to overlap.
- 5.48 A suitable hearing enhancement system should be provided in –
- (a) auditoria and rooms or spaces for performance or spectating;
 - (b) meeting rooms and lecture rooms which are more than 60 m² in area; and
 - (c) any service or reception area –
 - (i) where the visitor or customer is separated from the vendor by a glazed screen; or
 - (ii) that is subject to the risk of excessive extraneous noise.
- 5.49 A hearing enhancement system, provided to comply with the provisions of paragraph 5.48, should be readily apparent to those who require to use it (e.g. indicated by the standard symbol).
- 5.50 A hearing enhancement system should not be subject to extraneous electrical interference from any artificial lighting installation.

Section 6 Sanitary accommodation and associated sanitary facilities in buildings other than dwellings

General

- 6.1 A number of issues need to be considered in connection with all forms of sanitary accommodation and associated sanitary facilities. These relate to the needs of people with sensory impairments, people with learning difficulties and people whose lack of tactile sensitivity can cause them to be injured by touching hot surfaces.
- Controls and water closet cubicle doors should be operable by people with limited strength or limited manual dexterity and doors to cubicles should be capable of being opened if a person has collapsed against them while inside the cubicle. Preferably, all doors to water closet cubicles and wheelchair accessible unisex toilets should open out or, if they open in, the door swing should not encroach into the wheelchair turning space or activity space.
- 6.2 A bath, basin or shower terminal fitting in an educational building, or within a facility provided for the use of the public, should –
- (a) be supplied with water, through a device or other suitable means, so that the temperature of the water discharged at the outlet does not exceed 43°C; and
 - (b) have the flow of water controlled, either automatically or by a device, that is capable of being operated with a closed fist (e.g. by a lever action).
- 6.3 A door to a water closet compartment or unisex accessible sanitary accommodation should –
- (a) comply with the provisions of paragraph 3.13 and 3.15;
 - (b) where a privacy bolt is installed, be fitted with a privacy bolt that can be operated by people with limited dexterity; and
 - (c) be capable of being opened outwards from the outside in the case of an emergency.
- 6.4 An emergency assistance alarm should be provided in –
- (a) wheelchair accessible sanitary accommodation;
 - (b) a wheelchair accessible shower room; and
 - (c) a wheelchair accessible bathroom.
- 6.5 An emergency assistance alarm provided in those locations referenced in paragraph 6.4 should have –
- (a) a signal distinguishable from that of any installed fire alarm;
 - (b) a visual and an audible indication to confirm to the user that the emergency alarm has been activated; and
 - (c) a visual and an audible call signal outside the wheelchair accessible facility. This should be located in an area where it will be easily seen and heard by those who may be able to give assistance.

- 6.6 An emergency assistance alarm activating pull cord should –
- (a) comply with the provisions of paragraph 5.46;
 - (b) where it is within unisex accessible sanitary accommodation, be reachable from the water closet and the floor of the transfer space adjacent to the water closet;
 - (c) where it is within a wheelchair accessible shower facility, be reachable from the shower seat and the transfer space adjacent to the shower seat; and
 - (d) where it is within a wheelchair accessible bath facility, be reachable from the bath and the transfer space adjacent to the bath.
- 6.7 An emergency assistance alarm reset button(s) should be capable of being operated from the –
- (a) water closet, within wheelchair accessible sanitary accommodation;
 - (b) shower seat, within a wheelchair accessible shower room; and
 - (c) bath, within a wheelchair accessible bathroom.
- 6.8 A heat emitter within sanitary accommodation, with which a person is likely to come into contact, that has any exposed surface capable of being heated to a temperature of 43°C or more, should be adequately guarded.
- 6.9 Sanitary fittings (e.g. water closet, urinal, etc.) grab rails and support rails within a water closet compartment or unisex wheelchair accessible sanitary accommodation, should be distinguishable, through suitable visual contrast, from the background against which they are seen.
- 6.10 Sanitary accommodation is somewhere people are likely to be in relative isolation. In a building where a fire alarm is provided to comply with Part E any sanitary accommodation should have a visual fire alarm signal in addition to the requirements of Part E.

Sanitary accommodation

- 6.11 Sanitary accommodation needs to be suitable for all people who use the building. For people with a disability, suitable toilet accommodation may take the form of a specially designed cubicle in separate sex toilet washrooms or a self contained unisex toilet. For wheelchair users in particular, a self-contained unisex toilet is always the preferred option since, if necessary, a partner or carer of a different sex can give assistance. Even if wheelchair-accessible accommodation is provided in separate sex toilet washrooms wheelchair accessible unisex toilets should also be provided.

The provision of an enlarged cubicle in a separate sex toilet washroom can benefit ambulant people who have a disability, people with assistance dogs, as well as people with children and people (e.g. those with luggage) who need an enlarged space. In large building developments (see paragraph 6.14A) an enlarged unisex toilet incorporating an adult changing table is desirable. Changing Places toilets, facilities designed for individuals with complex and multiple impairments who may require the help of up to two assistants, should be provided in addition to any wheelchair accessible unisex toilet facilities and baby changing provision (where provided). Further guidance on layout and equipment is available from the Changing Places Consortium campaign website (www.changing-places.org) and by reference to guidance in Clause 18.6, diagram 48 and Annexes F and G of BS 8300-2: 2018.

Wheelchair users should be able to gain access to and conveniently use sanitary accommodation. En-suite sanitary facilities are the preferred option for wheelchair accessible bedrooms. Unless there are compelling reasons for not doing so, there should be at least as many en-suite shower rooms as en-suite bathrooms, as some people may find it easier to use a shower than a bath.

- 6.12 At each location where there is sanitary accommodation for visitors, customers or staff, at least one unit of unisex wheelchair accessible sanitary accommodation should be provided. See Diagram 6.1. However, where the space within a building is severely restricted and only one unit of sanitary accommodation is provided for use by all persons, that sanitary accommodation may be as shown in Diagram 6.2.
- 6.13 Within traditional separate sex sanitary accommodation, not less than one compartment suitable for people who are ambulant disabled should be provided. See Diagram 6.3(a).
- 6.14 Where the separate sex sanitary accommodation contains 4 or more water closet compartments, not less than one compartment should be enlarged as shown in Diagram 6.3(b).
- 6.14A At least one Changing Places toilet should be provided in the following types of building:
- (a) assembly, entertainment and recreation buildings (see Note) with a capacity of 350 people or more; or a collection of smaller buildings associated with a site used for assembly, entertainment and recreation, such as theme parks, zoos and venues for sport and exhibitions, with a capacity of 2000 people or more;
 - (b) shopping centres/malls, or retail parks with a gross floor area of 30,000m² or more;
 - (c) retail premises with a gross floor area of 2500 m² or more;
 - (d) leisure and sport buildings with a gross floor area of 5000 m² or more;
 - (e) hospitals and primary care centres;
 - (f) cemetery and crematorium buildings.

Note: Assembly, entertainment and recreation buildings can be defined as buildings such as;

- (i) amusement arcades;

- (ii) art galleries;
- (iii) cinemas;
- (iv) concert halls;
- (v) conference centres;
- (vi) further education colleges;
- (vii) hotels that provide function, leisure and sport facilities;
- (viii) libraries open to the public;
- (ix) motorway service areas;
- (x) museums;
- (xi) places of worship;
- (xii) theatres;
- (xiii) university buildings open to the public;

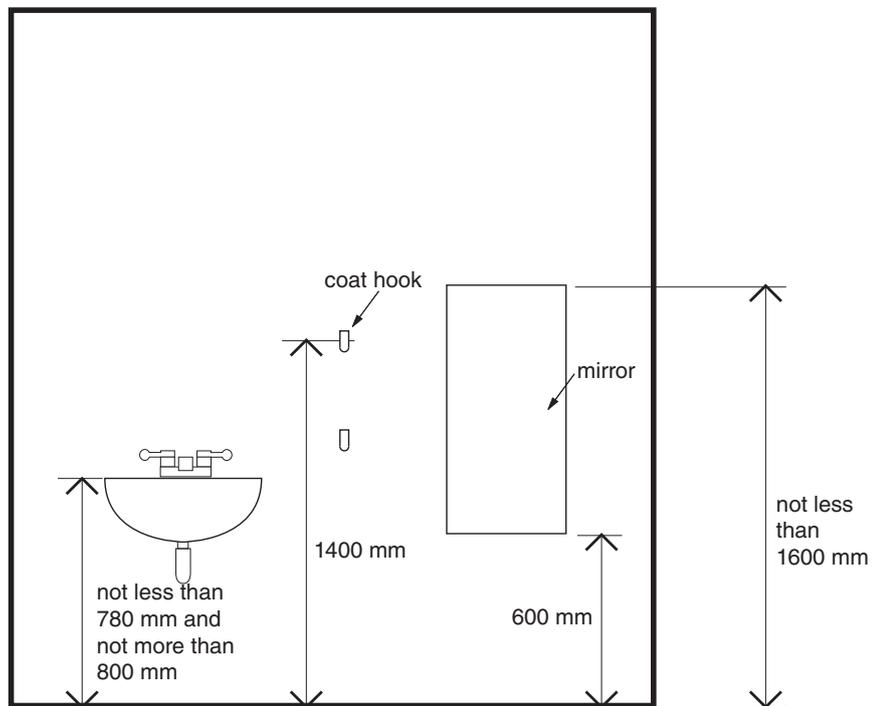
or any other buildings or sites as defined by these thresholds, which are open to the public and used for the purposes of assembly, entertainment or recreation. Capacities should be derived from the combined total of a building's publicly accessible facilities. Alternatively, the capacity number may be derived from the number of fixed seats provided, if the occupants of the building will normally be seated. Technical Booklet E provides a method of estimating the capacity of a building where this is not known.

- 6.15 The sanitary accommodation for a guest bedroom which is designed as a wheelchair accessible bedroom, should be provided either –
- (a) en-suite, where that is the arrangement for the rest of the bedrooms; or
 - (b) nearby and on the same storey as the wheelchair accessible bedrooms, with at least one unit for every 6 such bedrooms or part thereof.

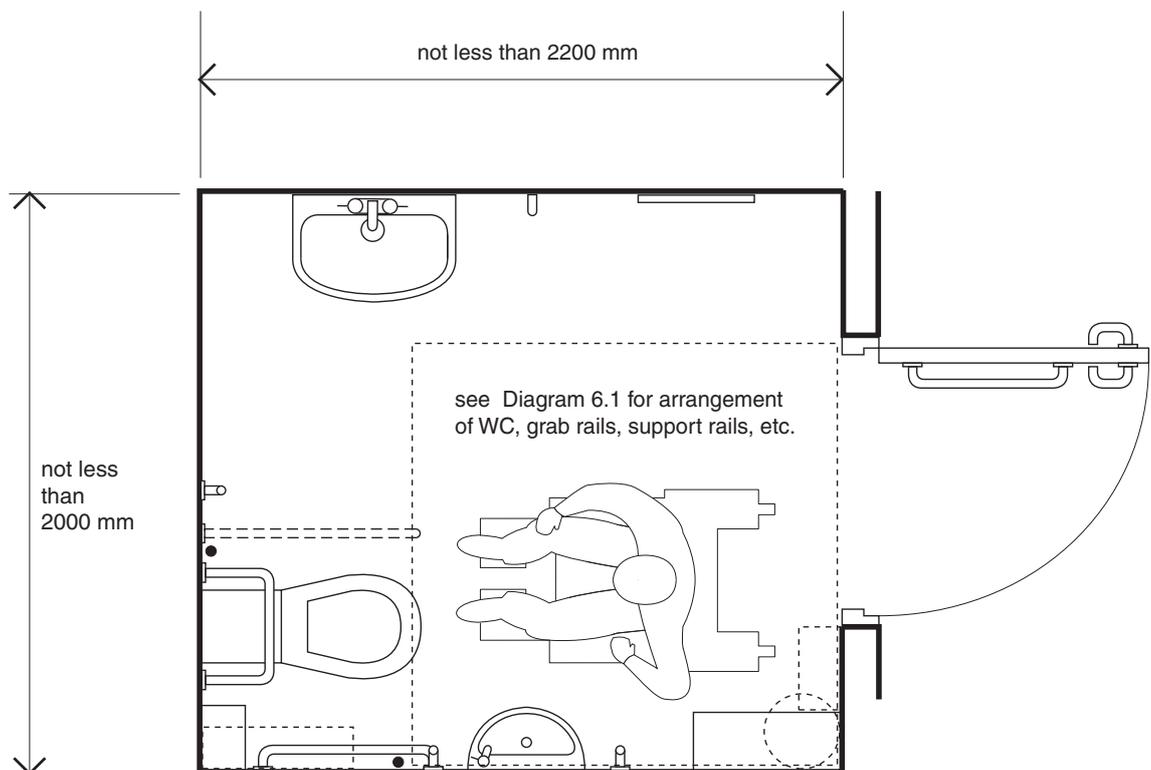
This provision is in addition to that required by paragraph 6.12.

Diagram 6.2 Wheelchair accessible unisex sanitary accommodation incorporating a standing height washbasin

see para 6.12



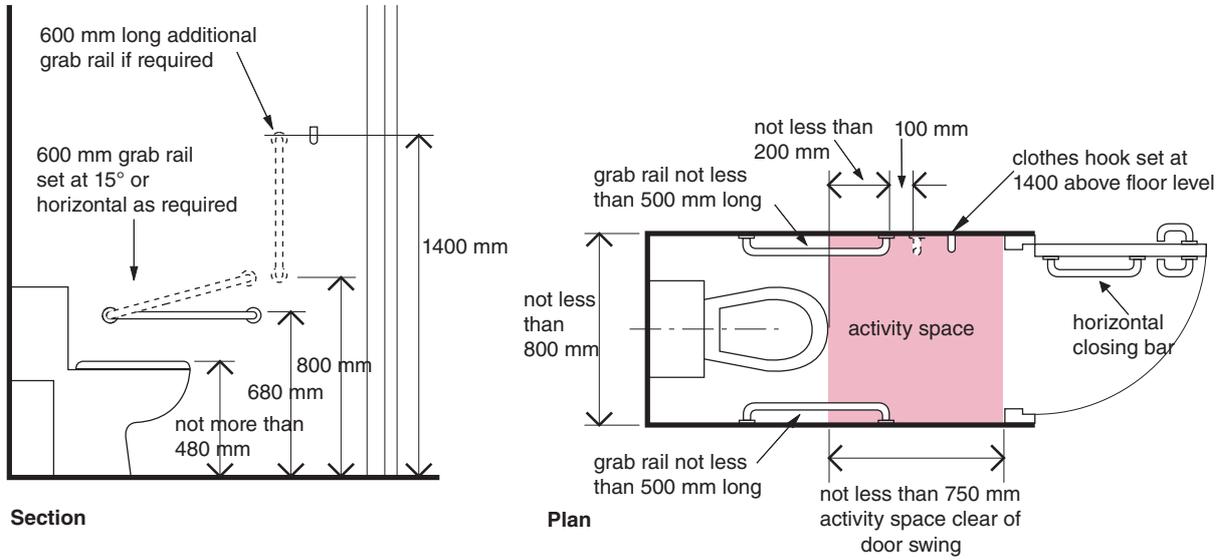
Section



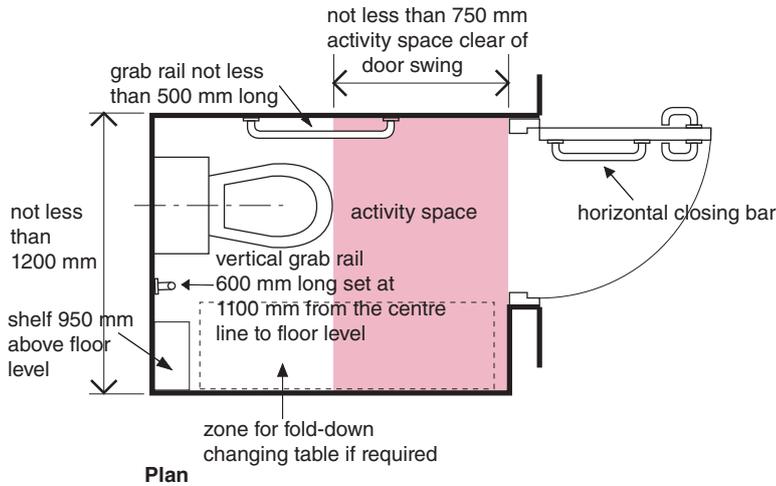
Plan

Diagram 6.3 Water closet compartments

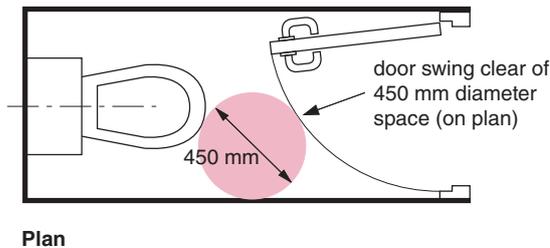
see paras 6.13, 6.14 and 6.22



(a) WC compartment for ambulant disabled people



(b) Enlarged WC compartment



(c) Standard WC compartment with an inward opening door

Wheelchair accessible unisex sanitary accommodation

- 6.16 Wheelchair users should be able to approach, transfer to and use the sanitary facilities provided within a building. This requires the provision of a wheelchair accessible unisex toilet. The relationship of the water closet to the hand rinse basin and other accessories should allow a person to wash and dry hands while seated on the water closet before transferring back to the wheelchair. The space provided for manoeuvring should enable wheelchair users to adopt various transfer techniques that allow independent or assisted use. It is important that the transfer space alongside the water closet is kept clear to the back wall. When transferring to and from their wheelchair, some people need horizontal support rails.

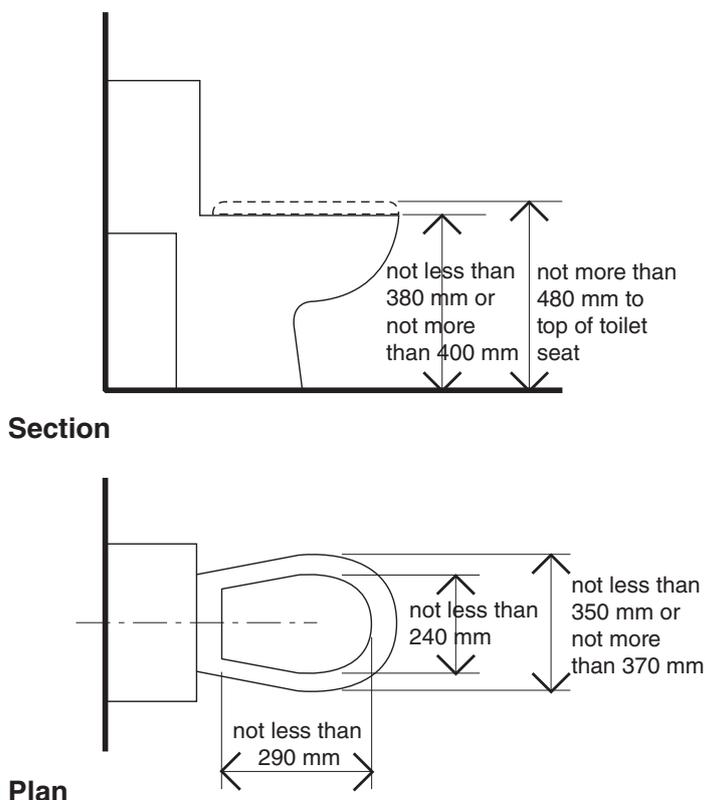
The time needed to reach a wheelchair accessible toilet should be kept to a minimum when considering the location of unisex toilet accommodation.

Some wheelchair users find it difficult to use a standard height water closet seat and, for them, it is important that the water closet pan can accept a variable height toilet seat riser.

- 6.17 Where there is more than one unit of unisex wheelchair accessible sanitary accommodation –
- (a) within a building of two or more storeys, the unisex accommodation should be located in a similar position on each floor, where the sanitary accommodation is provided, and should allow for right and left hand transfers on alternate floors; or
 - (b) within a single storey building, there should be a mixture of left and right hand transfer layouts.
- 6.18 Unisex wheelchair accessible sanitary accommodation should have –
- (a) a horizontal closing bar, fixed to the inside face of the door;
 - (b) a water closet, complying with the key dimensions shown in Diagram 6.4; and
 - (c) the cistern flushing lever, located on the transfer space side of the water closet.
- 6.19 Where a heat emitter is provided within unisex wheelchair accessible sanitary accommodation, it should be located so as not to cause an obstruction within the wheelchair manoeuvring space or the transfer space adjacent to the water closet.
- 6.20 The horizontal travel distance from any area, to which a wheelchair user has access, to unisex wheelchair accessible sanitary accommodation should –
- (a) be not more than 40 m on the same storey; and
 - (b) be not more than 40 m cumulative horizontal travel distance, where the unisex wheelchair accessible sanitary accommodation is on any other storey, and is accessed by a passenger lift. However, where the unisex sanitary accommodation is on a storey accessed by a lifting platform, the vertical travel should be not more than one storey.

Diagram 6.4 Key dimensions of a water closet pan

see paras 6.18 and 6.24



Traditional separate sex sanitary accommodation

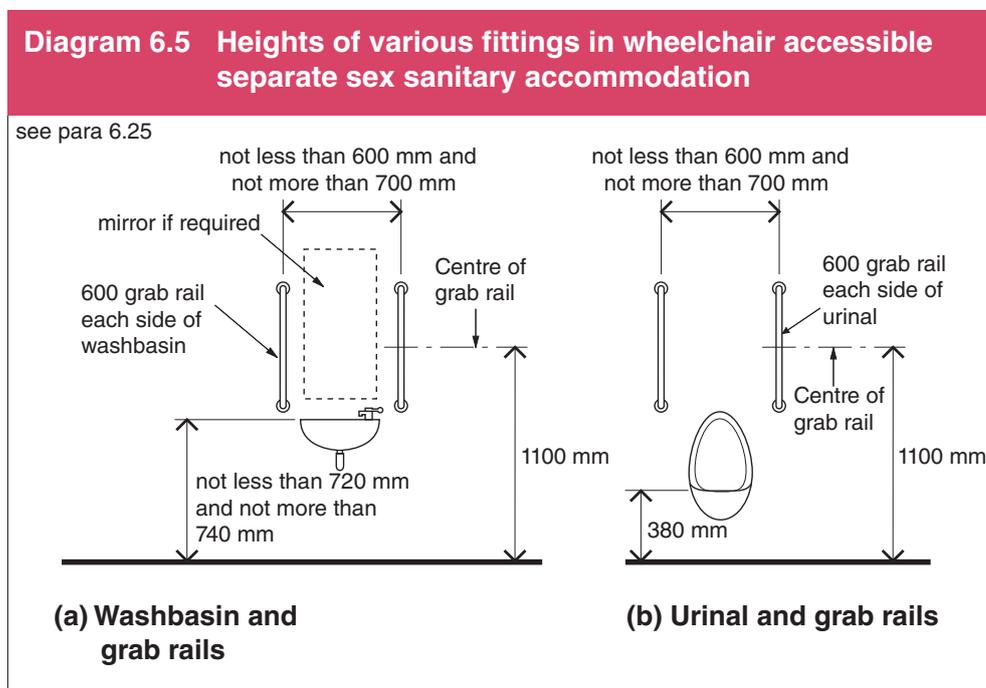
- 6.21 Those who are ambulant disabled people should have the opportunity to use a water closet compartment within any separate sex toilet washroom. The compartment should be fitted with support rails, and include a minimum activity space to accommodate people who use crutches, or otherwise have impaired leg movements. The presence of this facility helps avoid unnecessary travel to unisex toilet accommodation.

Some ambulant disabled people find it difficult to use a standard height water closet seat and, for them, it is important that the water closet pan is of a suitable size to accommodate a personal variable height toilet seat riser.

Where the separate sex sanitary accommodation is accessible by wheelchair users, those users would benefit by having a washbasin and where appropriate, a urinal, installed at a height lower than that provided for other users. Within this sanitary accommodation, it is not necessary for the water closet compartments to be accessible for wheelchair users to benefit from these lower fittings.

- 6.22 Within traditional separate sex sanitary accommodation, a water closet compartment not designed as suitable for ambulant disabled people or wheelchair users should, where the door opens into the compartment, have an unobstructed manoeuvring space of not less than 450 mm diameter clear of any door swing. See Diagram 6.3(c).

- 6.23 Where a wheelchair accessible water closet compartment is provided within traditional separate sex sanitary accommodation, it should have the minimum dimensions and arrangement of fittings as shown in Diagram 6.1.
- 6.24 A compartment suitable for disabled people who are ambulant should have a water closet complying with the key dimensions shown in Diagram 6.4.
- 6.25 Where separate sex sanitary accommodation is accessible by wheelchair users –
- (a) at least one washbasin should have –
 - (i) its rim not less than 720 mm and not more than 740 mm above floor level; and
 - (ii) two vertical grab rails located as shown in Diagram 6.5(a), and
 - (b) where urinals are installed, at least one urinal should have –
 - (i) its rim at 380 mm above floor level; and
 - (ii) two vertical grab rails located as shown in Diagram 6.5(b).



Shower and bath facilities

- 6.26 Wheelchair users and disabled people who are ambulant should be able to wash, shower or bathe either independently or with assistance. The relationship of the shower or bath to other sanitary fittings, and to the space required for manoeuvring, is therefore critical.

In buildings where communal shower facilities are provided, many people with a disability will use changing areas that are open to the communal area, whereas some will require the privacy and convenience of an individual self-contained cubicle or compartment.

Providing a choice of shower room or bathroom layout, wherever possible, will meet the needs of many people who have a disability and help maintain their independence and dignity.

A choice of shower layout combined with the correct location of shower controls and fittings will allow people who are disabled to use the facilities independently or to be assisted by others if required.

The guidance given in paragraph 6.34 applies to wheelchair accessible bathing facilities where provided in buildings such as hotels, motels, sports facilities, etc. where baths are provided as an alternative, or as a supplement, to showers.

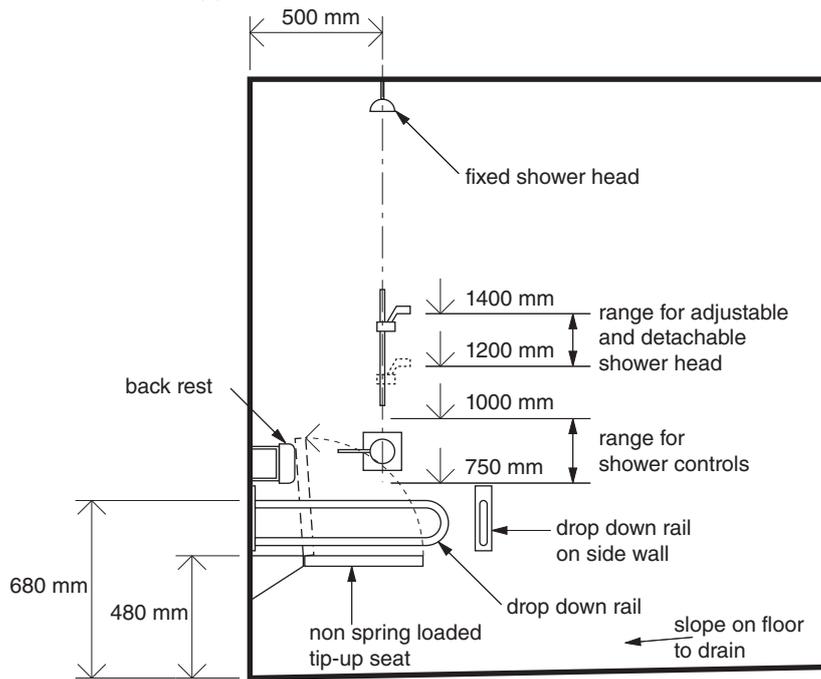
- 6.27 Where a communal shower facility is provided, it should include a wheelchair accessible incorporated shower facility within it. Incorporated shower facilities should have the minimum dimensions and arrangement of fittings as shown in Diagram 6.6.
- 6.28 In addition to the requirements of paragraph 6.27, where there is a shower facility in a building for sports activities, an individual wheelchair accessible shower room should also be provided. See Diagram 6.6.
- 6.29 Where there is a shower facility for staff, not less than one individual wheelchair accessible shower room should also be provided. However, where it is impracticable to provide an individual wheelchair accessible shower room, an incorporated individual wheelchair accessible shower facility should be provided.
- 6.30 A wheelchair accessible bedroom should have a shower or bath facility complying with the provisions of paragraphs 6.33 and 6.34 provided either –
- (a) en-suite, where that is the arrangement for the rest of the bedrooms; or
 - (b) nearby, and on the same storey as the wheelchair accessible bedrooms and with at least one shower or bath facility for every 6 such bedrooms or part thereof.
- 6.31 Where there is more than one wheelchair accessible shower or bath facility, a mixture of left and right hand transfer layouts should be provided to give the user a choice of transfer sides.
- 6.32 An individual wheelchair accessible shower or bath facility should have a fixed storage system for limb storage for the benefit of amputees.

Shower facilities

- 6.33 An individual wheelchair accessible shower room should have –
- (a) the minimum dimensions and arrangement of fittings as shown in Diagram 6.6;
 - (b) a storage shelf that is reachable from the shower seat or from the wheelchair transfer space;
 - (c) a floor –
 - (i) with a surface that reduces the risk of slipping; and
 - (ii) with a fall not steeper than 1 in 50 towards the floor drain; and
 - (d) where it incorporates a water closet, the minimum dimensions and arrangement of fittings as shown in Diagram 6.7.

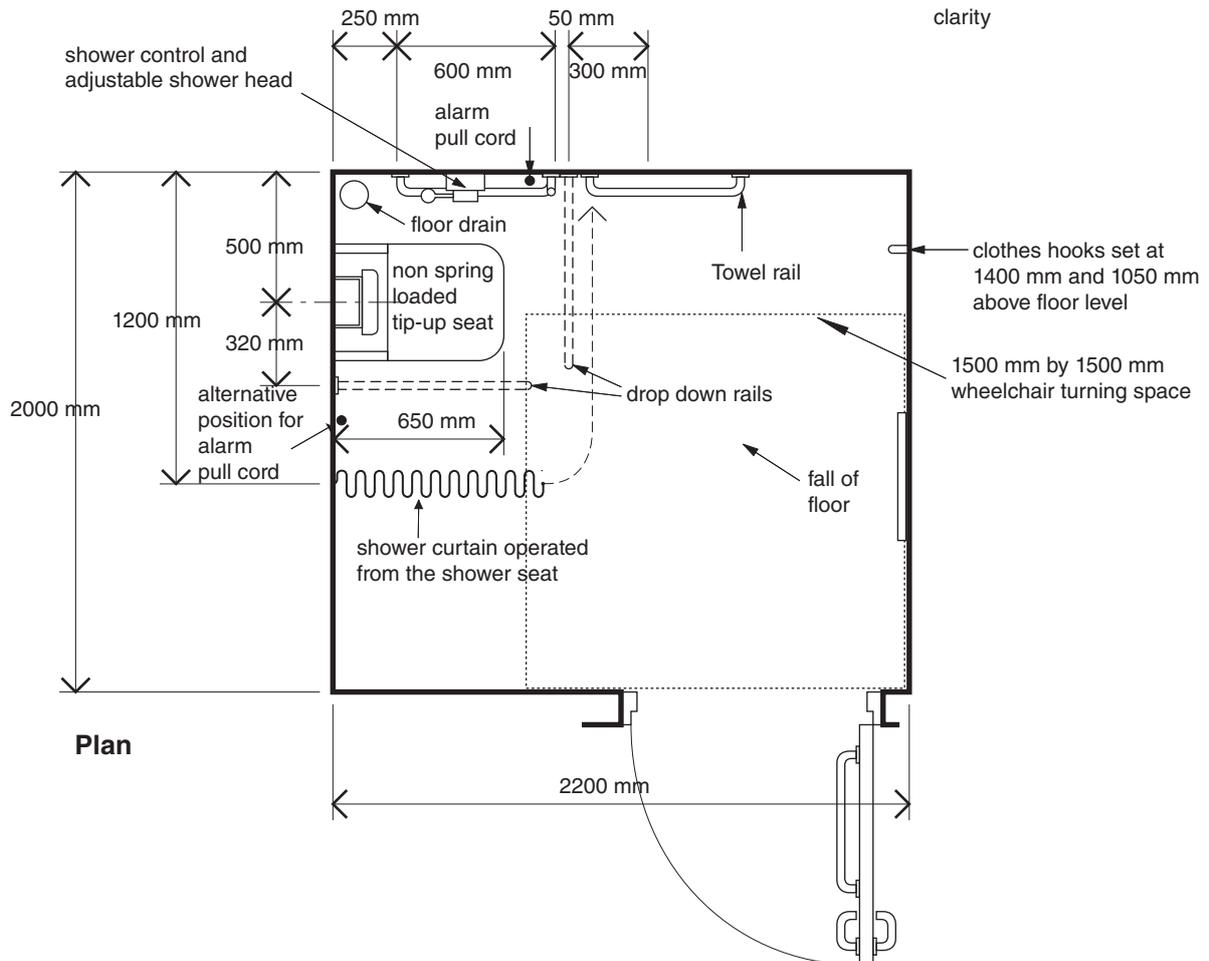
Diagram 6.6 Suitable individual wheelchair accessible shower room

see paras 6.27, 6.28 and 6.33(a)



Elevation

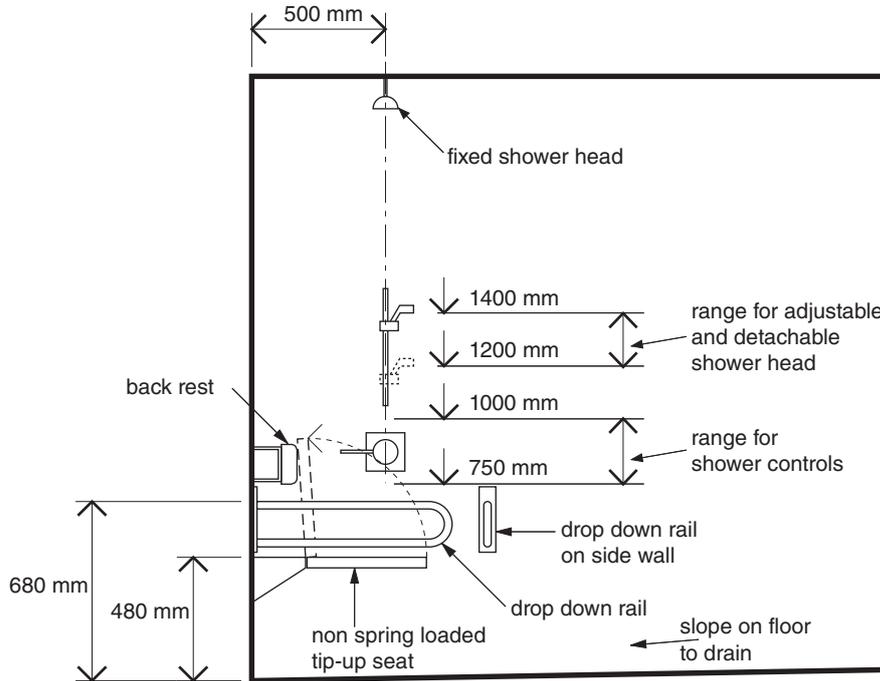
Note:
alarm pull cord, horizontal and vertical grab rails, shower curtain rail and towel rail not shown for clarity



Plan

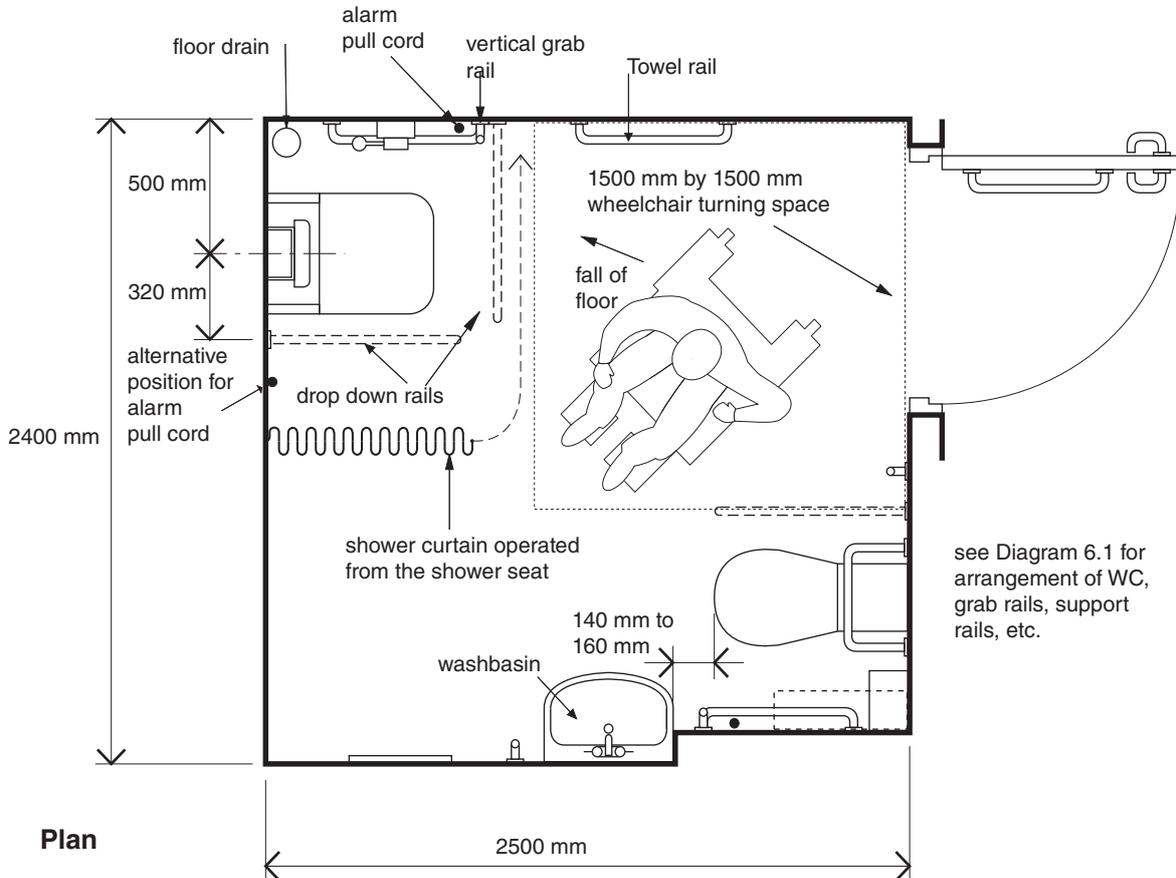
Diagram 6.7 Suitable individual wheelchair accessible shower room incorporating a water closet and a standing height washbasin

see para 6.33(d)



Note:
alarm pull cord, horizontal and vertical grab rails, shower curtain rail and towel rail not shown for clarity

Elevation



see Diagram 6.1 for arrangement of WC, grab rails, support rails, etc.

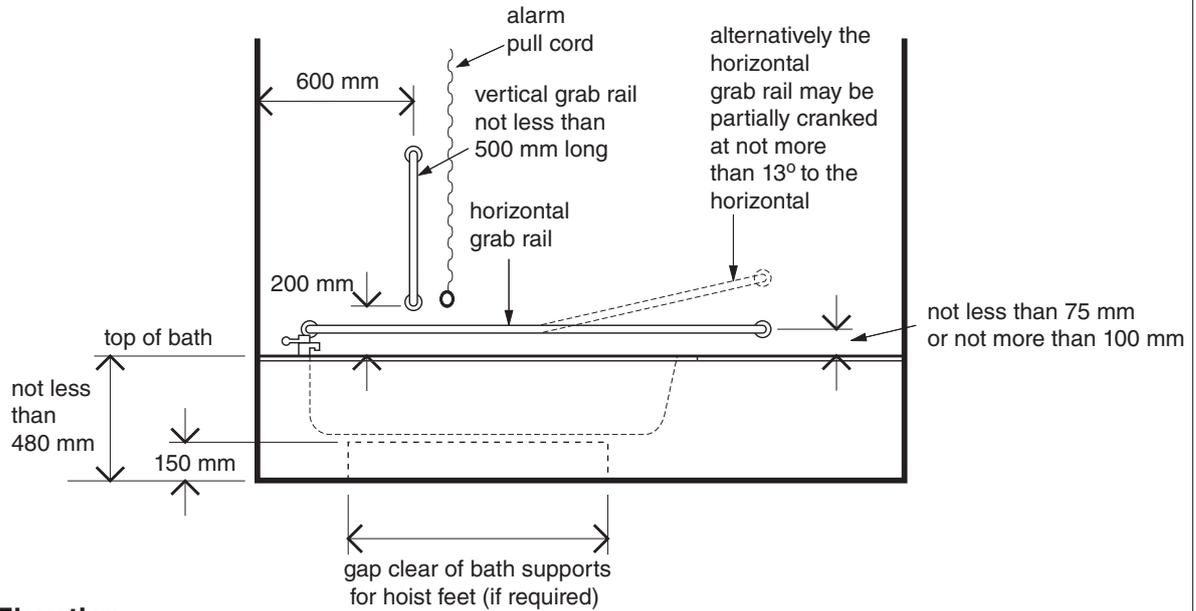
Plan

Bath facilities

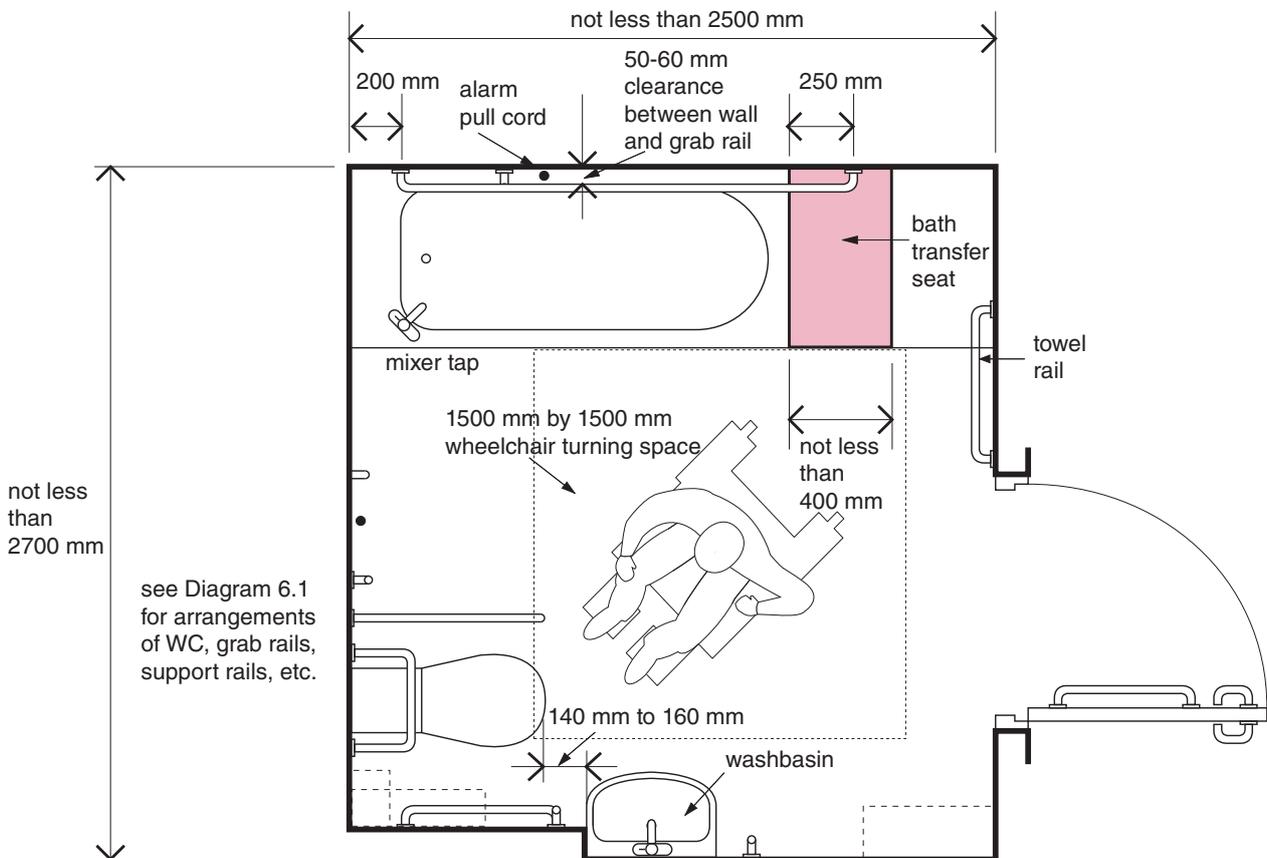
- 6.34 An individual wheelchair accessible bathroom should have –
- (a) the minimum dimensions and arrangement of fittings as shown in Diagram 6.8;
 - (b) a floor with a surface that reduces the risk of slipping;
 - (c) a fixed bath transfer seat, not less than 400 mm deep, having the same width as the bath; and
 - (d) where it incorporates a water closet, the minimum dimensions and arrangement of fittings as shown in Diagram 6.8.

Diagram 6.8 Suitable bathroom layout incorporating a water closet and a standing height washbasin

see para 6.34



Elevation



Plan

Dwellings and blocks of dwellings

Section 7 Means of access to and into a dwelling

Access to the dwelling

- 7.1 A level or ramped approach should be provided to the entrance to a dwelling or to a common entrance to a block of dwellings. However, variations in topography, available plot area, and the distance of the dwelling from the point of access may influence the type of approach that can be provided.

Wheelchair users should be able to have access to the principal entrance. Exceptionally, on steeply sloping plots access may be to a suitable alternative entrance by a level or ramped approach. Where there is no alternative but to provide a stepped approach, the steps should have as few steps as possible as someone using a wheelchair may need assistance to negotiate them.

The presence of a driveway may provide a better opportunity for creating a level or ramped approach, particularly if it also provides the sole means of approach for disabled visitors. The driveway could be designed as the approach to the dwelling or to a common entrance to a block of dwellings. In such cases the approach should exclude the space for any parked vehicle but a vehicle door may open across it.

- 7.2 People with a disability should have access from the point of entry to the principal entrance of a dwelling or the common entrance to a block of dwellings by –
- (a) a level approach complying with the provisions of paragraph 7.7; or
 - (b) a ramped approach.

A combination of (a) and (b) may be used.

- 7.3 Where the plot gradient to the principal entrance of a dwelling or the common entrance to a block of dwellings is greater than –
- (a) 1 in 15; or
 - (b) 1 in 12 where the travel distance is less than 5m,

access may be provided to an alternative entrance complying with the provisions of paragraph 7.2.

Where the plot gradient to an alternative entrance is greater than (a) or (b), a stepped approach may be provided.

- 7.4 Where a driveway provides the whole or part of the approach, it should comply with the requirements for a level approach or a ramped approach. The approach should be clear of any parking space.

Where there is a need to guard the approach, guarding to comply with Part H must be provided.

External approach

- 7.5 The surface of an approach available to a wheelchair user should be firm enough to support the weight of the user and their wheelchair and smooth enough to permit easy manoeuvre. It should also take account of the needs of people using walking aids. Loose laid materials, such as gravel or shingle, are not suitable for an approach.

The width of the approach, excluding space for a parked vehicle, should take account of the needs of a wheelchair user, or a stick or crutch user.

- 7.6 Where the point of entry is at the boundary it should have an unobstructed width of not less than 900 mm.

Level approach

- 7.7 A level approach should have –
- (a) a surface which is firm and even;
 - (b) an unobstructed width not less than 900 mm; and
 - (c) a slope not steeper than 1 in 20.

Where a level approach has a crossfall it should not exceed 1 in 40.

Access into the dwelling

- 7.8 A level threshold should be provided at the principal entrance or alternative entrance (where the alternative entrance is provided in accordance with paragraph 7.3) even where the approach to that entrance is stepped.

Principal entrance

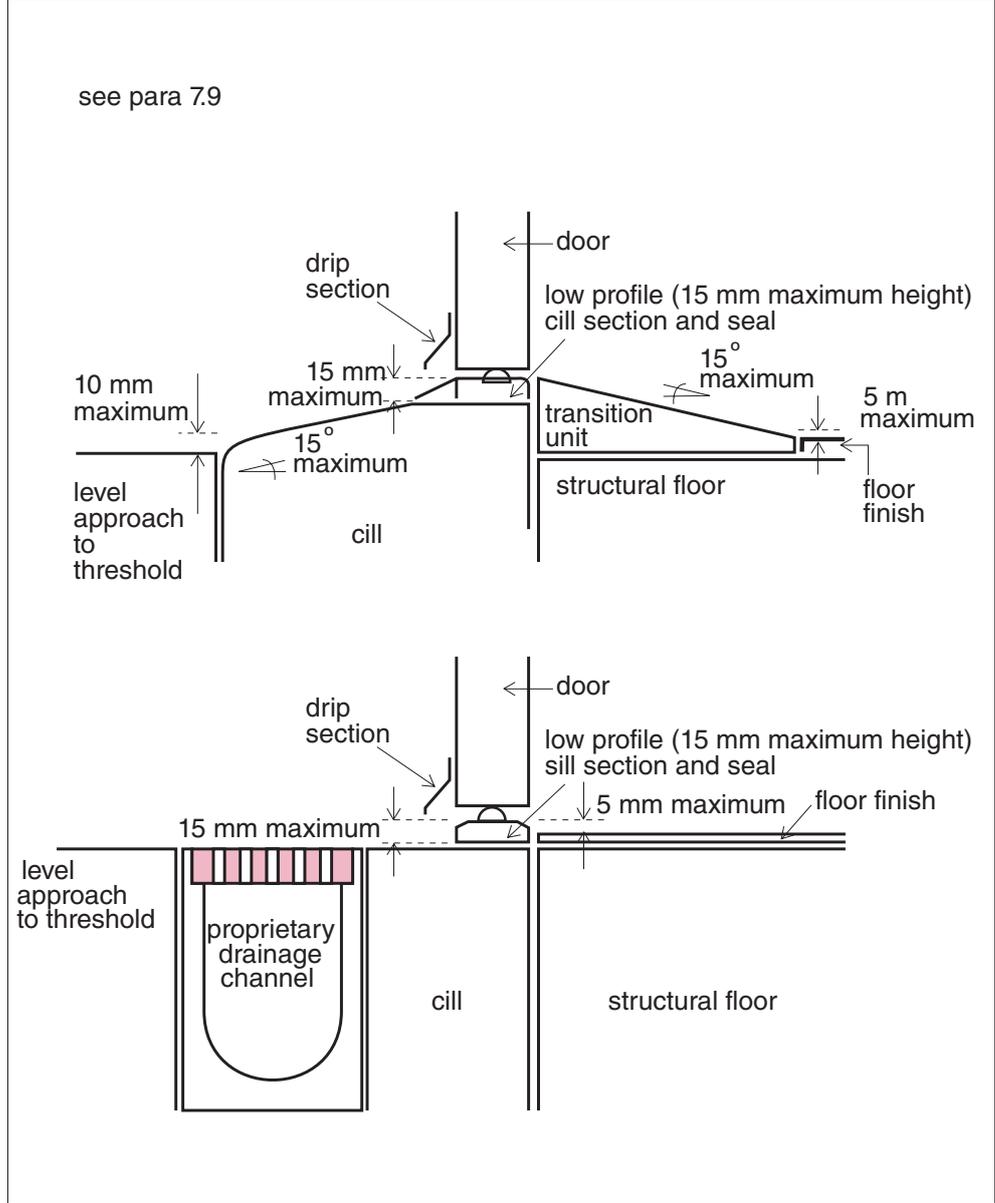
- 7.9 The principal entrance to a dwelling or the common entrance to a block of dwellings should have a door with a minimum clear opening width of not less than 775 mm and a level threshold. See Diagram 7.1.

The access to the principal entrance to a dwelling or the common entrance to a block of dwellings should be –

- (a) level for a distance of not less than 900 mm; and
- (b) at or about the level of the floor of the dwelling.

Where access is by an alternative entrance the above provisions should apply to that entrance and not to the principal entrance or the common entrance to a block of dwellings.

Diagram 7.1 Level thresholds



Section 8 Circulation within a dwelling

General

- 8.1 In a dwelling, a person with a disability should have access from the principal entrance (or an alternative entrance) to all habitable rooms and to a sanitary convenience in the entrance storey. However, where there are no habitable rooms in the entrance storey, a person with a disability should have access to all habitable rooms and to a sanitary convenience in the principal storey.

Circulation routes should be sufficiently wide to allow convenient circulation by disabled people. Consideration should be given to the effects of local obstructions such as radiators and other fixtures.

Internal doors should be of a suitable width to facilitate wheelchair manoeuvre and wider doors are needed where a wheelchair cannot approach them head on.

Horizontal circulation

Widths of circulation routes and doorways

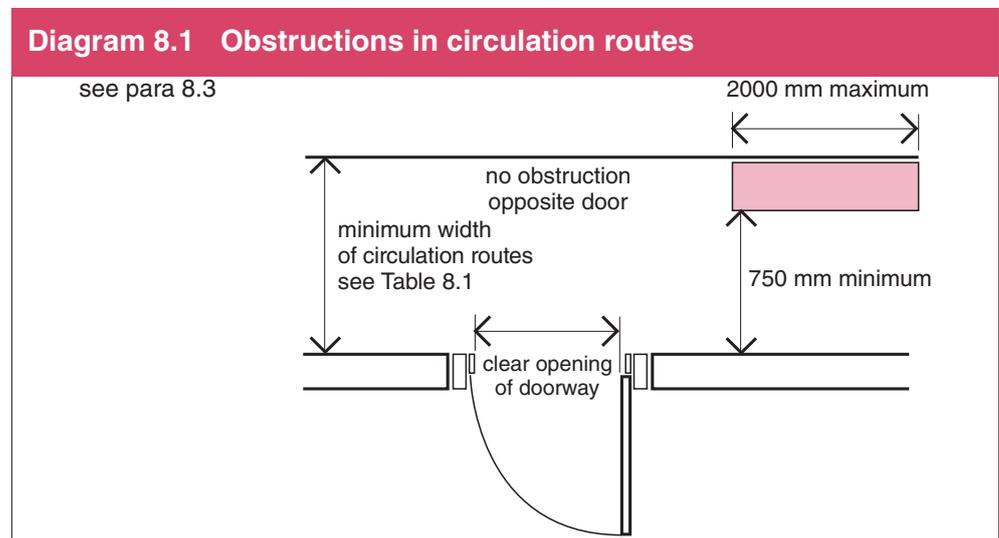
- 8.2 The widths of circulation routes and doorways are interrelated and depend on the direction of approach of a wheelchair. Table 8.1 gives the minimum widths of circulation routes for a range of doorway widths and directions of approach.

Table 8.1 Minimum widths of circulation routes

Clear opening of doorway	Direction of approach	Minimum width of circulation route
750 mm	head on	900 mm
750 mm	not head on	1200 mm
775 mm	not head on	1050 mm
800 mm	not head on	900 mm

- 8.3 The width of a circulation route may be reduced to 750 mm at a local permanent obstruction or projection provided that the obstruction or projection is not greater than 2000 mm in length and is not located –
- (a) opposite a door to a room; or
 - (b) where it would prevent a wheelchair user turning into or out of a room.

See Diagram 8.1.



Vertical circulation

- 8.4 Where the circulation route within the entrance storey or the access to the circulation route within the principal storey contains a change of level, a stair may be provided.

Section 9 Circulation within common areas of a block of dwellings

General

- 9.1 Reasonable provision for access should be made from the common entrance of the block of dwellings to the principal entrance of each dwelling so that a person with a disability may visit occupants who live on any storey of a block of dwellings.
- 9.2 This Section deals with access within the common areas of a block of dwellings e.g. flats, and contains provisions for horizontal and vertical circulation.

Common areas are the circulation routes used by the occupants of the dwellings and includes the entrance halls, corridors, lobbies, stairs and lifts.

Horizontal circulation

- 9.3 Circulation routes should be sufficiently wide to allow convenient circulation by people who are disabled. Consideration should be given to the effects of local obstructions such as radiators and other fixtures.

Horizontal circulation routes

- 9.4 A horizontal circulation route within a common area should be level or ramped and have an unobstructed width of not less than 1200 mm.

Where a handrail is provided, the width at handrail level may be reduced to not less than 1000 mm.

Vertical circulation

- 9.5 The most suitable means of access for people who are disabled, to move from one storey to another is a passenger lift. However, a lift may not always be provided.
- 9.6 A vertical circulation route to any storey should be provided by a common stair and where a lift is provided, by a suitable passenger lift.

Passenger lifts

- 9.7 Where a lift is provided, it should be suitable for unassisted use by –
- (a) a wheelchair user; and
 - (b) a person with sensory impairments.

Measures should also be adopted to give people with a disability sufficient time to enter and leave the lift without the risk of contact with the closing doors.

- 9.8 A passenger lift should –
- (a) have a door or doors which provide a clear opening width of not less than 800 mm;
 - (b) have a car with a width of not less than 900 mm and a depth not less than 1250 mm measured internally;
 - (c) have controls which are not less than 900 mm or more than 1200 mm above the floor of the car and are not less than 400 mm horizontally from the front wall of the car;
 - (d) where it serves more than three storeys have visual and audible indications of the floor reached;
 - (e) incorporate a signalling system which gives 5 seconds notification that the lift is answering a landing call, and a dwell time of 5 seconds before its doors begin to close after they are fully open. The dwell time may be reduced to 3 seconds where the door closing system is overridden by a door re-activating device which relies on photo-electric or infra-red methods, but not a door edge pressure system;
 - (f) have a landing on each storey with –
 - (i) an unobstructed length and width of not less than 1500 mm in front of the door to the lift; and
 - (ii) lift call buttons which are not less than 900 mm or more than 1200 mm above the floor level of the landing and are accompanied by suitable tactile indications (on or adjacent to the buttons) to identify the storey and direction of travel; and
 - (g) have a minimum load capacity of 400 kg.

Many of the above features are shown in Diagram 4.1.

Section 10 Sanitary convenience in a dwelling

General

- 10.1 The objective is to ensure the water closet in the entrance storey or the principal storey of the dwelling is accessible from the habitable rooms in that storey without the need to negotiate a stair to reach it. Where there is a bathroom on that storey, the water closet may be located in that bathroom. It will not always be practical for the wheelchair to be fully accommodated within the water closet compartment.

Access to sanitary conveniences

- 10.2 A water closet should be located so as to have a clear space of not less than 900 mm by 750 mm for a person with a disability to access it (see Diagrams 10.1 and 10.2). The washbasin may project into this clear space provided that it does not impede access to the water closet.
- 10.3 For frontal access to the water closet the clear space should be centred on the water closet as shown in Diagram 10.1.
- For oblique access to the water closet the clear space should be offset towards the access as shown in Diagram 10.2.
- 10.4 A doorway providing access to the sanitary convenience should –
- be positioned to enable a wheelchair user to access the clear space in front of the water closet;
 - have a clear opening width of not less than that given in Table 10.1; and
 - where there is oblique access, be located so that its edge is not in front of, or 250 mm behind, the water closet, unless there is adequate space within the room to manoeuvre a wheelchair.
- 10.5 The door should –
- open outwards; or
 - not impinge at any point of its swing upon the clear space.

Table 10.1 Clear opening widths of doorways

Minimum width of circulation routes	Direction of approach	Clear opening of doorway
900 mm	head on	750 mm
1200 mm	not head on	750 mm
1050 mm	not head on	775 mm
900 mm	not head on	800 mm

Diagram 10.1 Clear space for frontal access to the water closet

see paras 10.2 and 10.3

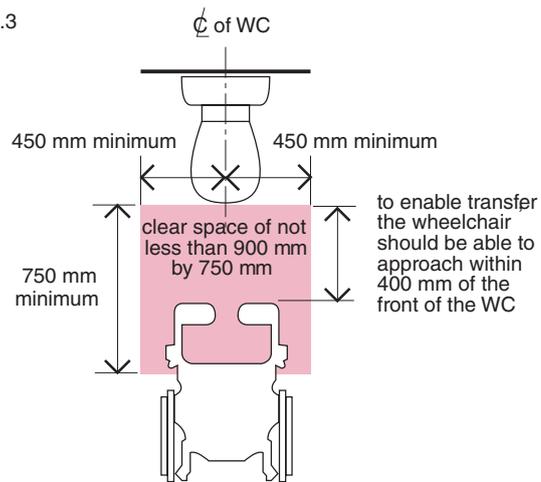
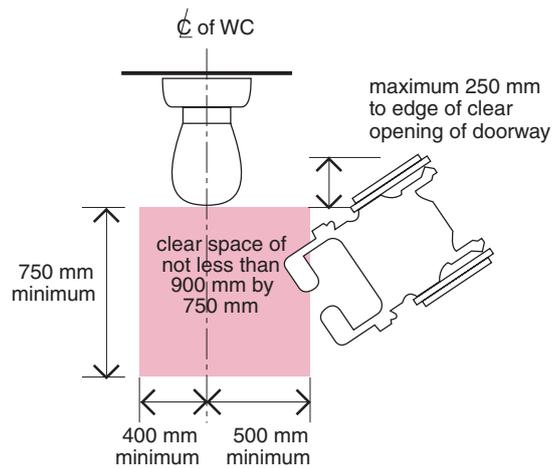


Diagram 10.2 Clear space for oblique access to the water closet

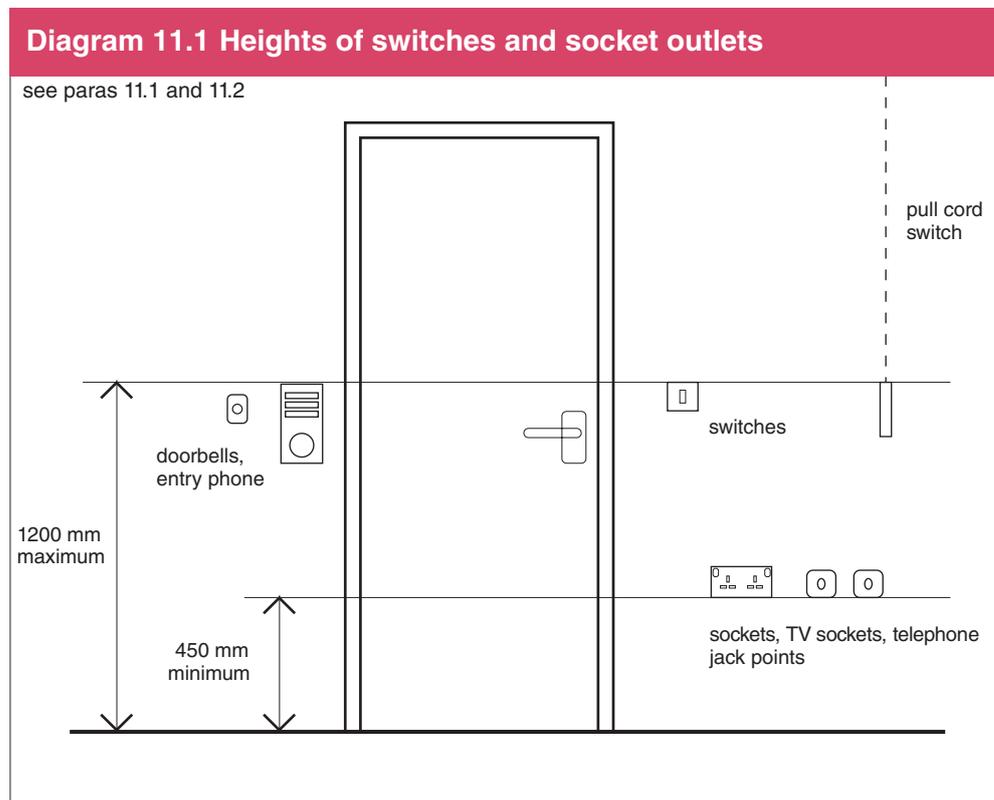
see paras 10.2 and 10.3



Section 11 Heights of socket outlets, switches, etc. , in a dwelling

Heights of outlets and switches

- 11.1 Wall mounted socket outlets and switches (other than isolators) in the entrance storey, and where appropriate the principal storey, should be located not more than 1200 mm or not less than 450 mm above the floor level. See Diagram 11.1.
- 11.2 The cord of a pull cord switch should terminate not more than 1200 mm above the floor level. See Diagram 11.1.



Appendix A — Informative — Facilities for people with profound and multiple learning disabilities

The provision of specialist facilities for people with profound and multiple learning disabilities is not a requirement of Building Regulations. However, where it has been decided to provide such a facility, the following information will assist designers in their development decisions for the facility (in relation to location, access, spacial issues, facilities, equipment, etc.):

- People with profound and multiple learning disabilities, who require the help of up to two assistants, need a facility that is a combined toilet, shower and changing room.
- Such facilities require extra space to accommodate people with, often using large wheelchairs having elevated leg rests, a reclining facility or integral oxygen cylinders, and space to fit slings for use with a hoist. It also needs to be possible for a wheelchair to remain within the facility when not in use without compromising the safe access and use of the equipment.
- A Changing Places toilet includes such extra space and facilities.
- Where it is decided to include facilities for people with profound and multiple learning disabilities in a building —
 - (a) specialist advice can be obtained from MENCAP Segal House, 4 Annadale Avenue, Belfast, BT7 3JH (www.mencap.org.uk) or the Changing Places Consortium, (www.changing-places.org); and
 - (b) specific guidance on the design of such a facility is given in BS 8300.
- It is important to note that a combined toilet, shower and changing room for people with complex and multiple disabilities is not designed for the use of independent wheelchair users and does not negate the need for the provision of unisex wheelchair accessible sanitary accommodation that normally compliments traditional separate sex sanitary accommodation.

Appendix B Publications referred to

BS 8300: 2009+A1: 2010	Design of buildings and their approaches to meet the needs of disabled people - Code of practice
BS 8300-2: 2018	Design of an accessible and inclusive built environment. Part 2: Buildings - Code of practice
DFP Technical Booklet B: 2012	Materials and workmanship

Technical Booklets

The following list comprises the series of Technical Booklet prepared by the Department for the purpose of providing practical guidance with respect to the technical requirements of the Building Regulations (Northern Ireland) 2012.

Technical Booklet B	Materials and workmanship
Technical Booklet C	Preparation of site and resistance to contaminants and moisture
Technical Booklet D	Structure
Technical Booklet E	Fire safety
Technical Booklet F1	Conservation of fuel and power in dwellings
Technical Booklet F2	Conservation of fuel and power in buildings other than dwellings
Technical Booklet G	Resistance to the passage of sound
Technical Booklet H	Stairs, ramps, guarding and protection from impact
Technical Booklet J	Solid waste in buildings
Technical Booklet K	Ventilation
Technical Booklet L	Combustion appliances and fuel storage systems
Technical Booklet N	Drainage
Technical Booklet P	Sanitary appliances, unvented hot water storage systems and reducing the risk of scalding
Technical Booklet R	Access to and use of buildings
Technical Booklet V	Glazing

Any person who intends to demonstrate compliance with the Building Regulations by following the guidance given in a Technical Booklet is advised to ensure that the guidance is current on the date when plans are deposited or notice given to the district council.

The Building Regulations (Northern Ireland) 2012

PUBLIC CONSULTATION DOCUMENT C.2

Consultation Proposals for amendment of Technical Booklet Guidance to Part R (Access to and use of buildings) – Changing Places Toilet Provision

July 2021

(closing date for receipt of responses is Wednesday 20 October 2021)

Contents		Page
1.	Background	3
2.	Introduction to consultation proposals	7
3.	Consultation package – contents and response	10
4.	Proposals to Amend Technical Guidance to the Building Regulations (Northern Ireland 2012) – Part R statutory guidance for Changing Places Toilet (CPT) provision	12
5.	Annex A: Personal data	15
6.	Annex B: Draft TBR Amendment slip	18

AMENDMENTS TO TECHNICAL BOOKLET GUIDANCE TO PART R - CONSULTATION

1. BACKGROUND



Example of a Changing Places Toilet facility.

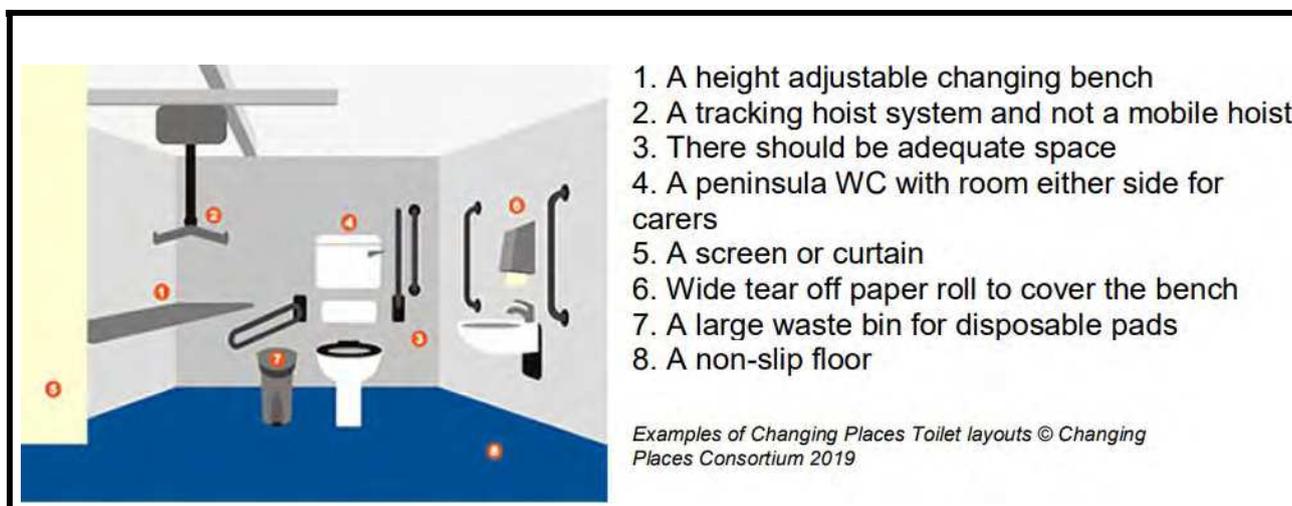
Image from Changing Places Consortium

CHANGING PLACES TOILETS (CPTs)

- 1.1 Changing Places Toilets (CPTs) meet the needs of people with profound and multiple learning disabilities, as well as people with other physical disabilities such as spinal injuries, muscular dystrophy and multiple sclerosis. These toilets provide specific equipment including a height adjustable adult-sized changing table, a tracking hoist system, adequate space for a disabled person and up to two carers, a peninsular WC with room either side and a safe and clean environment including tear off paper to cover the bench, a large waste bin and a non-slip floor. These facilities enable people with complex care needs to take part in everyday activities such as travel, shopping, family days out or attending a sporting event.
- 1.2 A standard-sized CPT facility as set out in BS 8300-2:2018, which is a room with a floor area of 12m² (3m wide and 4m long, with a ceiling height of 2.4m). A room of 3m x 4m gives a rectangular space to allow users and carers to move between each piece of equipment in the toilet.
- 1.3 It is important for a wheelchair user to be able to move in a wheelchair between each item and to have the space for up to two carers, to transfer or hoist the user

from the wheelchair on to the fold down bench or from the wheelchair on to the peninsular toilet, or from the toilet to the adjustable changing bench. These movements between sink, bench and toilet will vary given the size of the adult or child and the size of their wheelchair. Hoists lift (and lower) the user and ease manual handling for the carers. BS 8300 Part 2 new Code of Practice sets out CPT layout and fixtures detail standards.

- 1.4 A network of 42¹ CPT facilities exist across Northern Ireland but there is no current legislative requirements for their provision within buildings. The vast majority of these facilities were installed on a voluntary basis, or as part of ongoing property redevelopment initiatives in the Health Trust Estate.
- 1.5 There are over 1,600 Changing Places toilets across the UK, up from just 140 in 2007. Although the increase in numbers and action by forward looking building owners is to be welcomed, provision is still haphazard, and so we need to go further. This consultation seeks views on options to increase the provision of CPT facilities.



BUILDING REGULATIONS

- 1.6 The Department of Finance has policy responsibility for maintaining the Building Regulations.
- 1.7 The Building Regulations apply to most building work and are made principally to secure the health, safety, welfare and convenience of people in or about buildings, and the conservation of fuel and power, for the protection and enhancement of the environment and promotion of sustainable development.
- 1.8 Building regulations are only applicable at the time that building work takes place. Regulations do not apply retrospectively for existing buildings, because these should comply with the Regulations in force at the time they were built. Building regulations do not impose ongoing management requirements.

¹ As of June 2020 from Changing Place Toilet Map <https://changingplaces.uktoiletmap.org/>

- 1.9 The Regulations set mainly functional requirements and are supported by Technical Booklets giving statutory guidance, including performance standards and design provisions, relating to compliance with specific aspects of the Building Regulations for the more common building situations.
- 1.10 Part R (Access to and use of buildings) of the Building Regulations sets minimum access standards for all new buildings. These requirements are supported by statutory guidance in Technical Booklet R.
- 1.11 Northern Ireland building regulations do not require the provision of toilets for sanitary convenience, beyond that required for a dwelling (regulation 85 of Part P). Section 6 of Technical Booklet R the statutory technical guidance on the provisions for Part R, ensures that when sanitary accommodation and/or associated sanitary facilities are being provided in a building, these are no less available for disabled people than for non-disabled people. Therefore other legislation sets sanitary provision requirement for non-dwellings, where building regulations set the technical standards for those sanitary facilities to be accessible and inclusive.

BUILDING REGULATIONS CURRENT POSITION AND BS 8300 CPT DESIGN

- 1.12 The Building Regulations statutory guidance (Technical Booklet R: Access to and use of buildings: October 2012²) already sets out minimum standards for accessible toilets in new buildings used by public/employees. That includes standards for unisex wheelchair-accessible toilets with a corner WC (even in small buildings) and additional provision in larger buildings.
- 1.13 After consultation with MENCAP and other interested groups, Changing Places were referenced for the first time within the Northern Ireland Building Regulations Part R guidance in 2012 under the new Appendix A 'Informative – Facilities for people with profound and multiple learning disabilities' to Technical Booklet R. The Appendix points to information that will assist the designers in their developments, where they have opted to provide such a facility.
- 1.14 Therefore Appendix A is informative guidance as opposed to compliance guidance within Technical Booklet R.
- 1.15 The informative guidance within Appendix A also points to MENCAP for specialist advice or information provided by the Changing Places Campaign website (www.changing-places.org) on how to provide a new Changing Places toilet. It also refers to a British Standard BS 8300, which provides good practice guidance on the design of an accessible and inclusive built environment. This standard was updated in January 2018 and guidance on Changing Places toilets is now in Clause 18.6 (along with supporting Annexes) of the new "BS 8300-2:2018 Design of an accessible and inclusive built environment. Buildings. Code of practice".
- 1.16 The BS 8300-2 guidance includes recommendations on the types of building within which a CPT facility should be considered. This list recognises the benefits of provision in buildings that are open to the public, have a managed environment and

²<https://www.finance-ni.gov.uk/sites/default/files/publications/dfp/Technical-booklet-R-Access-to-and-use-of-buildings-October-2012.pdf>

will generally have consistent opening hours when the facility can be accessed. The list includes examples of buildings visited by the public, commercial premises, buildings associated with the transport network and larger 'destination' buildings.

- 1.17 Interested groups and individuals have asked Government to follow this list and use this as the starting point for statutory provision.

The following extract from BS 8300-2: 2018 (Code of Practice, text is copyright BSI, 2020) illustrates this;

Changing Places toilets should be provided in buildings and complexes such as:

- a) major transport termini or interchanges, e.g. large railway stations and airports;
- b) motorway services;
- c) sport and leisure facilities, including large hotels;
- d) cultural centres, e.g. museums, concert halls and art galleries, and faith centres;
- e) stadia and large auditoria;
- f) large commercial retail premises and shopping centres;
- g) key buildings within town centres, e.g. town halls, civic centres and main public libraries;
- h) educational establishments;
- i) health facilities, such as hospitals, health centres and community practices;
- j) other visitor attractions, such as theme parks, monitored beaches and parks.

- 1.18 Nonetheless the Changing Places information along with the BS 8300 Changing Places design standard referenced in Appendix A, is currently good practice guidance, not a specified standard for compliance within TBR statutory guidance.

2. THE CONSIDERATIONS FOR CPT PROVISION

OBJECTIVES

- 2.1 In this consultation we are seeking to determine through statutory guidance, a standard for CPT provision, to ensure specific new/relevant large buildings commonly used by the public, are fitted with accessible sanitary facilities for people with complex and multiple disabilities – see para 1.1 (in addition to accessible toilet facilities), in a properly targeted proportionate manner and thus enhancing equality and inclusion within the building environment.
- 2.2 The overall objective of the amendment is to update the current advisory guidance on the provision of CPT facilities, changing it into compliance guidance for sanitary accommodation standards, under the existing Part R requirements of building regulations, without imposing disproportionate bureaucracy and costs on building owners, developers or on district councils whose role it is to enforce building regulations.
- 2.3 In June the Finance Minister Conor Murphy asked the Department's Building Standards Branch (BSB) to start work to introduce a requirement into building regulation for the provision of CPT facilities, as soon as possible. This consultation will seek to present proposals on this new provision for public stakeholder engagement. There are a total of six questions in the consultation. Please only answer those that are most relevant and important to you.

PROPOSALS FOR DEVELOPMENT OF CURRENT POSITION

- 2.4 In developing proposals the Department has been in continued liaison with the Technical Policy Division of the Ministry of Housing Communities and Local Government (MHCLG who are responsible for England's Building Regulations), on their development of a new CPT mandatory standard proposed within their building regulations, whilst being mindful of their Building Act's Primary legislative sanitary appliance requirements. July 2020 saw their publication of an amended guidance document ADM Volume 2 (applicable from January 2021) without the need for specific regulation.
- 2.5 The Department has also considered the development in Scottish Building Standards, of a CPT standard and their determination that provision for CPTs can be made without the need to amend the relevant mandatory standard. October 2019 saw Scottish Building Standards introduction of guidance on the circumstances where a CPT facility should be provided, the form that accommodation should take and the in scope buildings targeted in a proportionate manner. The Department is also mindful of the new CPT facility Scottish Planning legislation 'Town and Country Planning (Changing Places Toilet Facilities) (Scotland) Regulations 2020' (which came into force 20th May 2020).
- 2.6 The 2019 England Changing Places toilet policy Consultation considered the range of in scope new/relevant buildings further, to define the focus in a targeted and proportionate manner. The Consultation has also tested the costs originally derived from research undertaken for previous building regulations reviews, and from the

Scottish Government building Standards CPT Consultation. The England Consultation also determined the need for further ergonomic research to establish whether a smaller 3x3m (9m²) toilet is feasible for a user of modern wheelchairs, two carers and associated equipment to be provided in existing buildings.

- 2.7 The Department's proposals have been informed by the other UK regions in their determination that the provision of CPT facilities, should be set as an accessible sanitary accommodation standard within building regulations statutory guidance, where that guidance defines in scope new/relevant large buildings commonly used by public, setting targets and proportionate triggers for those buildings.
- 2.8 In developing a proposal on a standard for CPT facility provision under the Building Regulations, we have considered (based upon current good practice guidance) where a standard of provision can reasonably be set for new building or where a building undergoes a material change of use. Technical Booklet R sanitary accommodation standards will in addition set standard criteria for CPT facility provision, specifying the types of buildings where facilities would be required as well as size, capacity or other factors which would trigger CPT provision.
- 2.9 In determining the triggers for when a CPT facility would be required, we did not consider it appropriate to set a blanket size trigger for all types of buildings commonly used by the public. A blanket size trigger would not capture the varying types of buildings/developments we think should include CPT facilities.
- 2.10 Therefore, we have used a differentiated approach with a mix of triggers (including size, and capacity) depending on the type of building. Using only a size trigger could exclude certain buildings, which should include CPT facilities. For some buildings such as shopping centres, we consider a size trigger appropriate. In others, such as a cinema or theatre, a seating capacity is a more appropriate trigger to ensure we capture those that will be visited for a certain period of time by larger numbers of people. For a few buildings there is no trigger, so all these types of buildings would be captured – e.g. hospitals, cemetery buildings.
- 2.11 Size of buildings is described by the gross internal area of a building (i.e. the footprint of the building excluding the width of the outside walls but including areas occupied by internal walls, columns and partitions). The length in metres times the width in metres gives the area. The capacity of a building is derived from the combined total of a building's publicly accessible facilities – alternatively the capacity number may be taken as the number of fixed seats provided, where the occupants of the building would normally be seated.
- 2.12 As far as it is possible, we have aimed to use triggers that are measurable by District Council Building Control. Size and capacity are tangible measures for example, and we propose to use these in most cases.
- 2.13 Based on GB Post Consultation conclusions, we consider the subsequent informed list of buildings/developments to be proportionate and practical. In setting size triggers for those in scope buildings/developments, England's Post Consultation wider-catch targeting is proposed;
- a) for assembly, entertainment & recreation buildings with a capacity for 350 or more people; or a collection of smaller buildings associated with a site used

- for assembly, recreation or entertainment, such as zoos, theme parks and venues for sports and exhibitions, with a capacity of 2000 people or more;
- b) for shopping centres/malls or retail parks with a gross floor area of 30,000m² or more;
- c) for retail premises with a gross floor area of 2500m² or more;
- d) for sport and leisure buildings with a gross floor area over 5000m²;
- e) for hospitals and primary care centres, &;
- f) for cemetery & crematoria buildings.

Similarly, the adjusted listings have informed our proposals in defining assembly, entertainment & recreation buildings, capturing;

- Amusement arcades;
- Art galleries;
- Cinemas;
- Concert halls;
- Conference centres;
- Further education colleges;
- Hotels that provide function, sport or leisure facilities;
- Libraries open to the public;
- Motorway service areas;
- Museums;
- Places of worship;
- Theatres;
- University buildings open to the public.

Or any other buildings or sites as defined by these thresholds, which are open to the public and used for the purpose of assembly, entertainment or recreation.

- 2.14 All transport providers have duties under disability discrimination law in relation to transport infrastructure such as their buildings (and associated facilities such as accessible sanitary accommodation provision). The NI Equality Commission's Code of Practice on the Provision and Use of Transport Vehicles and Code of Practice on Rights of Access, Goods, Facilities, Services and Premises - provide guidance and a full explanation of the legal duties on transport providers. Transport licensing regulators for Railway or Aviation infrastructure, may also set accessible sanitary accommodation requirements as part of the licensing arrangements.
- 2.15 The expectation (in England) would be that transport termini or interchanges with an estimated or actual footfall of at least 10 million per annum would install CPT facilities, where they are newly built or subject to material change of use. Nonetheless the provision of any CPT facility for transport patrons, has primarily to determine if the transport system actually caters for the transport of customers with complex and multiple disabilities... is their vehicle stock designed to safely accommodate specialised wheelchair seated passengers? This service aspect is beyond the scope of building regulations, therefore any associated infrastructure sanitary provisions would have to be determined by the Transport licensing authorities - who determine if the transport carriages are licensed to safely carry specialised wheelchair seated passengers.

3. CONSULTATION PACKAGE – CONTENTS AND RESPONSE

3.1 This consultation has been issued by the Department of Finance, which has responsibility for maintaining the Building Regulations for Northern Ireland. This document, together with the other consultation documents, is available online at:

<https://www.finance-ni.gov.uk/consultations>

The consultation documents are:

- Consultation Document
- Regulatory Impact Assessment (Draft for Consultation)
- Technical Booklet R (draft): Access to and use of buildings

3.2 We look forward to receiving your comments and views concerning any of the proposals contained in this consultation. We ask you to exercise care and refrain from the inclusion of any potentially defamatory material as it is our intention to publish responses on the Departments website. We will not publish the names or contact details of respondents, but will include the names of organisations responding.

We would encourage you to respond to the consultation using the on-line facility on [Citizen Space](#), accessible via NI Direct.

Your opinions are valuable to us. Thank you for taking the time to read this document and respond.

3.3 If you require a hard copy of this consultation document or have any other enquiries please email your request to info.bru@finance-ni.gov.uk or you can write to us at:

Consultation Co-ordinator
Department of Finance
Building Standards Branch
6th Floor
Goodwood House
44 - 58 May Street
Belfast
BT1 4NN

The Department will consider all the responses to this consultation received on or before the closing date, which is 20 October 2021.

Submissions made after this date cannot be considered.

NEXT STEPS IN THE CONSULTATION PROCESS

- 3.4 Where respondents have given permission for their response to be made public, and after we have checked that they do not contain personal information or product names, responses will be made available to the public at <https://www.finance-ni.gov.uk/publications> If you use the consultation hub, citizen space to respond, you will receive a copy of your response via email.
- 3.5 We may also wish to make responses to this consultation available to the Northern Ireland Assembly and for public inspection at the Building Standards Branch office.
- 3.6 Following the closing date, all responses will be analysed and the Department will publish a summary of responses to the consultation.
- 3.7 All information will be handled in accordance with the General Data Protection Regulations.

CONFIDENTIALITY AND DATA MANAGEMENT

- 3.8 If you ask for your response to be regarded as confidential and not to be published, you will be asked to explain to us why you regard the information you have provided as confidential.
- 3.9 Information provided in response to this consultation, including personal data (see Annex A), will be published or disclosed in accordance with the access to information regimes (These are primarily the Freedom of Information Act 2000 (FOIA), the Data Protection ACT 2018 (DPA), the EU General Data Protection Regulation, and the Environmental Information Regulations 2004. If we receive a request for disclosure of confidential information, we will take full account of your explanation, but we cannot give an assurance that confidentiality can be maintained in all circumstances.
- 3.10 The Department of Finance will process your personal data in accordance with the law and in the majority of circumstances this will mean that your personal data will not be disclosed to third parties. A full privacy notice is included at Annex A.

Are you satisfied that this consultation has followed the Consultation Principles? If not or you have any other observations about how we can improve the process please contact us at info.bru@finance-ni.gov.uk or write to the following address:

Building Standards Branch
Department of Finance
6th Floor
Goodwood House
44 - 58 May Street
Belfast
BT1 4NN

4. PROPOSALS TO AMEND TECHNICAL GUIDANCE TO THE BUILDING REGULATIONS (NORTHERN IRELAND) 2012 –

PART R STATUTORY GUIDANCE STANDARD FOR CHANGING PLACES TOILET (CPT) FACILITIES PROVISION

REGULATIONS

- 4.1 The Department's proposals have been informed by outcomes in other UK regions, where provision for CPTs can be made without the need to amend the relevant regulations - in Northern Ireland Building Regulations, that relevant regulation being regulation 91 'Access and use' for people to have access to, into, within and to use a building and its facilities (in this instance sanitary facilities).
- 4.2 Part R (Access to and Use of Buildings) of the Building Regulations sets minimum access standards for all new buildings. These requirements are supported by statutory guidance in Technical Booklet R. The Technical Booklet sets out performance standards and design provisions - a way in which new building work, or material change of use or extensions to buildings, dwellings and workplaces in most common situations should make reasonable provision for accessibility.
- 4.3 CPT facilities were referenced for the first time within Northern Ireland Building Regulations Part R guidance in 2012 under the new Appendix A "Informative – Facilities for people with profound and multiple learning disabilities" to Technical Booklet R. However Appendix A is informative guidance as opposed to compliance guidance within Technical Booklet R.
- 4.4 Northern Ireland building regulations do not mandate the provision of toilets for sanitary convenience, beyond that required for a dwelling. Sanitary requirements for buildings other than dwellings are set by other legislation, where building regulations set technical standards for those sanitary facilities to be accessible and inclusive, within Section 6 of Technical Booklet R compliance guidance. Therefore regulation amendment is not necessary, rather a standard for CPT facilities provision needs to be included, in addition to the current accessible sanitary provision standards within the statutory guidance.

Q1: Do you support the proposal to introduce criteria for Changing Places Toilets (CPT) facilities provision (in addition to the current accessible sanitary provisions), in certain buildings through building regulations statutory guidance?

Mid Ulster District Council:

- Supports proposals to introduce criteria for Changing Places Toilets (CPT) facilities provision (in addition to the current accessible sanitary provisions) through building regulations statutory guidance.
- Accepts that the existing evidence base identifies certain buildings. However, it is considered that further clarification should be given to the building types included in the list compiled to date to be appropriate and relevant in Northern Ireland.

TECHNICAL BOOKLET

- 4.5 The Department proposes to amend the statutory guidance in Technical Booklet R on “Sanitary accommodation and associated sanitary facilities in buildings other than dwellings” (Section 6), updating the current accessible and usable performance criteria for accessible sanitary provision standards to include relevant criteria for where a CPT facility should be provided in certain buildings.
- 4.6 The Department intends to publish a Draft Amendment Slip to Technical Booklet R, with the guidance in the Amendment Slip addressing Section 6, to;
- a) Include a CPT facility provision standard within the accessible sanitary accommodation standards to Part R of the Building Regulations statutory guidance, having removed Appendix A Informative guidance on CPT facilities;
 - b) Define in scope new/relevant large buildings commonly used by public, such as shopping centres, retail premises, sports/leisure buildings, hospitals/primary care buildings, cemetery/crematorium buildings and more specifically places of assembly, entertainment and recreation;
 - c) Set criteria for the defined in scope buildings, to trigger CPT provision based on variables such as the building function and its people capacity or gross floor area; and
 - d) Identify further specialist guidance sources on specific aspects of CPT facility layout and equipment, available from;
 - the Changing Places consortium campaign website;
 - BS 8300-2:2018 Clause 18.6 guidance, diagram 48 as well as Annexes F and G
- 4.7 The Department welcomes views on the draft Consultation version TBR (also see Annex B Draft Amendment slip) – particularly whether it would be helpful to include any other information.

Q2: Do you agree with the defined in scope/relevant types of large buildings commonly used by the public, where a CPT facility should be provided for a new building or where a building is formed by a material change of use?

Although it is recognised the selection of certain buildings is based on evidence from across a number of UK jurisdictions, Mid Ulster District Council is not in complete agreement that the scope of the list of certain buildings is entirely appropriate for Northern Ireland.

In light of this, although Mid Ulster District Council accepts the existing evidence base from other jurisdictions identifies certain buildings, further consideration should be given to the building types included in the list compiled to date for application in a Northern Ireland setting.

In the case of a “Cemetery building” - A small rural graveyard which is not uncommon within Mid Ulster and is proposing to build a single toilet for visitors will be required to construct a changing place facility which in many cases would appear to be excessive

or disproportionate in this scenario. Due to the additional approximate £30k expenditure, in many cases this may result in no facilities being offered.

Q3: Do you agree with the set criteria (the building function, its people capacity or gross floor area) for the defined in scope/relevant buildings?

In general, Mid Ulster District Council accepts that the existing evidence base from other jurisdictions identifies certain buildings. However, it is felt that further consideration needs to be given to the set criteria proposed for application in a Northern Ireland setting.

In the case of “assembly, entertainment & recreation buildings with a capacity for 350 or more people”, the size of building as specified would appear to be relatively small and encapsulate many more buildings than was originally visualised with the introduction of the requirement for the provision of a Changing Places Toilet facility.

Q4: The Department acknowledges that there may be complexities associated with CPT provision in existing buildings undertaking extension or alteration works, but would welcome further views and supporting evidence. Do you agree with the Department on the need for further supporting evidence and can you provide such, regarding CPT retro-fit installation to existing buildings undertaking extension or alteration works?

Mid Ulster District Council does not agree with the Department on the need for further supporting evidence.

There are complexities and challenges for Designers in accordance with Guidance in Technical Booklets in many scenarios associated with Building Regulations compliance across a wide range of building regulations.

With respect to provision of Changing Places Toilets and the requirements of Part R (access and use of buildings) Regulations 91 (access and use) and 93 (sanitary accommodation in extensions), there is no obligation to follow the requirements set out in Technical Booklet R. However, it is recognised that for the majority of cases (common building situations) this will be possible.

However, where specific complexities exist these would not be considered common building scenarios and recommendations contained within the Technical Guidance may not be reasonable or appropriate.

In cases of this nature, alternative proposals can be submitted for consideration by the Building Control Department in support of these specific cases. These may include an access statement which would specifically relate to the proposals submitted.

Due to the functional nature of Building Regulations, designers have accepted their responsibility to use innovation to overcome these complexities and Building Control professional to assess compliance of the proposals with the requirements of Regulations 91 and 93.

DRAFT REGULATORY IMPACT ASSESSMENT

4.8 The Department intends to publish a consultation stage DRAFT Regulatory Impact Assessment (RIA) alongside this consultation paper. In summary:

- a) The impact assesses the proposed inclusion of a CPT facility provision standard in addition to accessible toilet provision, by amendment to the associated Technical Booklet R statutory guidance on “Sanitary accommodation”. It will mean moving the current CPT guidance status from advisory to that of a being a compliance standard – setting criteria and triggers for in scope new/relevant buildings, where a CPT facility should be provided.
- b) The provision standard will specifically define in scope new/relevant large buildings by, listing the targeted types of buildings commonly used by the public (formed by new build or material change of use). The criteria will also set triggers for CPT provision based on variables such as the building function and its people capacity or gross floor area.
- c) The analysis compares the amendment (Option 2) against the option of doing nothing (Option 1).
- d) Option 1 was not considered valid as it would not set a clear compliance standard for CPT provision.
- e) Option 2 may result in an overall cost implication however, this option targets new/relevant large building types, whilst setting clear criteria in a proportionate manner via defined triggers.
- f) It is anticipated at this stage, that there will be a minimal cost impact given that the guidance change is targeted at large new build or material change of use buildings (commonly used by public), where this type of building development is less frequent in Northern Ireland. The current pandemic may also effect the development of these targeted new/relevant buildings.
- g) The amendments apply to relevant large buildings (where building regulations apply) and therefore have an effect on the major developments construction sector, developers, Building Control professionals etc. The Rural Needs Act (NI) 2016 requirements considered, will not be adversely impacted, where building regulations objective in this matter is to make sanitary provision more inclusive, in relevant buildings whether rural or urban based. This policy does not determine the locality for a building or locality for any type of buildings.
- h) The Department does not expect an Environmental Impact from the preferred Option to affect the wider environment outside the relevant buildings, and it will not result in additional greenhouse gases being emitted.
- i) The preferred Option is primarily focussed on improved equality and inclusion, to address a known need within our population/communities. This amendment under Section 75 equality categories (disabled and old people) will have a positive effect on those peoples equality of

opportunity. Increasing provision will bring a number of non-monetised social benefits enabling more people with complex care needs to take part in everyday activities – with significant quality of life benefits for both disabled people and their carers.

- 4.9 The Department welcomes views on the draft RIA – particularly further evidence to inform the analysis/principal assumptions, costs and impacts.

Q5: Do you agree with the analysis/principal assumptions, costs and impacts set out in the Part R consultation stage RIA?

The experience of the Building Control Department in relation to estimated costs associated with installation of CPTs is limited to estimates provided or calculated in the assessment and checking of fees associated with giving of notices and deposit of plans under Building Regulations.

For these purposes, estimates are generally accepted as reasonable where they are similar to figures produced in the BCIS Quarterly Review of Building Prices adjusted for the region of Northern Ireland.

These are based on costs per square metre of floor area and have a wide mean and modal range depending on the nature and type of building within which the unit is to be incorporated.

Based on the estimated costings included in the analysis provided, the costings would appear reasonable. However, as a result of the recent and current price increases being experienced for construction materials and labour, it is considered that a further evidence based analysis could be undertaken.

ADDITIONAL COMMENTS

- 4.10 The Department encourages consultees to respond on any aspects of the proposals, therefore the last question is completely open to enable consultees to make suggestions or observations on relevant issues that are not addressed by answering the preceding questions.

Q6: Have you any additional comments on the proposals you wish to provide?

- Mid Ulster District Council have endeavoured to incorporate Changing Places Toilets into their facilities retrospectively as well as being included in their capital project proposals where possible.
- The Disability discrimination Act was introduced in Northern Ireland in 1995 and the Special Educational Needs & Disability (NI) Order in 2005 which has assisted in the increased provision of facilities for all people.
- General public expectations of what constitutes minimum acceptable standards of provision of inclusive services and facilities including sanitary accommodation provision have increased in recent years. It is now widely accepted that the built environment should be accessible and usable for all people.

- Proposals for bringing Changing Places Toilets into Building Regulations is one progressive step forward to establish Changing Places Toilets as the acknowledged minimum acceptable standard required to facilitate integration of more severely disabled or those with complex needs into main stream society.
- Within Technical Booklet R it states that an extension should be treated in the same manner as a new building, and where sanitary accommodation is provided in a building that is being extended
- This appears contradictory where Changing Places Toilets provision is concerned in so far as the proposals do not include installations in extensions but do include installations when material change of use is proposed to relevant buildings? This is at variance to the remainder of the document and principles stated.
- The proposals indicate a Changing Places Toilet should be “separate and in addition to” other sanitary accommodation. It is suggested that consideration is given to the provision of a changing places toilet in conjunction with a toilet for the disabled.

TIMING AND NEXT STEPS

4.11 The Department proposes that these amendments to the Technical Booklet should come into operation some 6 months after the response to public consultation.

Annex A

Personal data

The following is to explain your rights and give you the information you are entitled to under the Data Protection Act 2018.

Note that this section only refers to your personal data (your name address and anything that could be used to identify you personally), not the content of your response to the consultation.

1. The identity of the data controller and contact details of our Data Protection Officer

The Department of Finance (DoF) is the data controller. The Data Protection Officer can be contacted as follows:

**Data Protection Officer
Department of Finance
Room 23, Dundonald House
Upper Newtownards Road
Belfast
BT4 3SB**

Tel: 028 9052 4961

Email: dataprotectionofficer@finance-ni.gov.uk

2. Why we are collecting your personal data

Your personal data is being collected as an essential part of the consultation process, so that we can contact you regarding your response and for statistical purposes. We may also use it to contact you about related matters.

3. Our legal basis for processing your personal data

The Data Protection Act 2018 states that, as a government department, DoF may process personal data as necessary for the effective performance of a task carried out in the public interest. i.e. a consultation. In addition to the statutory requirement in the Building Order to consult on building regulations matters there is an expectation of appropriate public consultation on substantive changes to the Building Regulations.

4. For how long we will keep your personal data, or criteria used to determine the retention period.

Your personal data will be held for two years from the closure of the consultation.

5. Your rights, e.g. access, rectification, erasure

The data we are collecting is your personal data, and you have considerable say over what happens to it. You have the right:

- a. to see what data we have about you
- b. to ask us to stop using your data, but keep it on record
- c. to ask to have all or some of your data deleted or corrected to lodge a complaint with the independent Information Commissioner (ICO) if you think we are not handling your data fairly or in accordance with the law. You can contact the ICO at <https://ico.org.uk/>, or telephone 0303 123 1113.

Annex B

DRAFT TBR AMENDMENT SLIP - PROPOSED AMENDMENTS

Contents

Page 3

Appendix A

Delete the title “**Appendix A: Informative – Facilities for people with profound and multiple learning disabilities 77**”

Section 6 Sanitary accommodation and associated sanitary facilities in buildings other than dwellings

Page 51

Sanitary accommodation

Delete the second paragraph to 6.11 and replace with:

“The provision of an enlarged cubicle in a separate sex toilet washroom can benefit ambulant people who have a disability, people with assistance dogs, as well as people with children and people (e.g. those with luggage) who need an enlarged space. In large building developments (see paragraph 6.14A) an enlarged unisex toilet incorporating an adult changing table is desirable.

Changing Places toilets, facilities designed for individuals with complex and multiple impairments who may require the help of up to two assistants, should be provided in addition to any wheelchair accessible unisex toilet facilities and baby changing provision (where provided). Further guidance on layout and equipment is available from the Changing Places Consortium campaign website (www.changing-places.org) and by reference to guidance in Clause 18.6, diagram 48 and Annexes F and G of BS 8300-2: 2018.”

Sanitary accommodation

After paragraph 6.14 insert new paragraph 6.14A:

“6.14A At least one Changing Places toilet should be provided in the following types of building:

- (a) assembly, entertainment and recreation buildings (see Note) with a capacity of 350 people or more; or a collection of smaller buildings associated with a site used for assembly, entertainment and recreation, such as theme parks, zoos and venues for sport and exhibitions, with a capacity of 2000 people or more;
- (b) shopping centres/malls, or retail parks with a gross floor area of 30,000 m² or more;
- (c) retail premises with a gross floor area of 2500 m² or more;
- (d) leisure and sport buildings with a gross floor area of 5000 m² or more;
- (e) hospitals and primary care centres;
- (f) cemetery and crematorium buildings. “

Sanitary accommodation

After new paragraph 6.14A insert new paragraph Note:

“Note: Assembly, entertainment and recreation buildings can be defined as buildings such as;

- (i) amusement arcades;
- (ii) art galleries;
- (iii) cinemas;
- (iv) concert halls;
- (v) conference centres;
- (vi) further education colleges;
- (vii) hotels that provide function, leisure and sport facilities;
- (viii) libraries open to the public;
- (ix) motorway service areas;
- (x) museums;
- (xi) places of worship;
- (xii) theatres;

(xiii) university buildings open to the public;

or any other buildings or sites as defined by these thresholds, which are open to the public and used for the purposes of assembly, entertainment or recreation. Capacities should be derived from the combined total of a building's publicly accessible facilities. Alternatively, the capacity number may be derived from the number of fixed seats provided, if the occupants of the building will normally be seated. Technical Booklet E provides a method of estimating the capacity of a building where this is not known."

Appendix A: Informative – Facilities for people with profound and multiple learning disabilities

Delete Appendix A Heading.

Delete all associated paragraphs to Appendix A.

Appendix B: Publications referred to

After publication **BS 8300: 2009+A1: 2010** insert new publication reference:

"BS 8300-2: 2018 Design of an accessible and inclusive built environment.
Part 2 Buildings - Code of practice"