

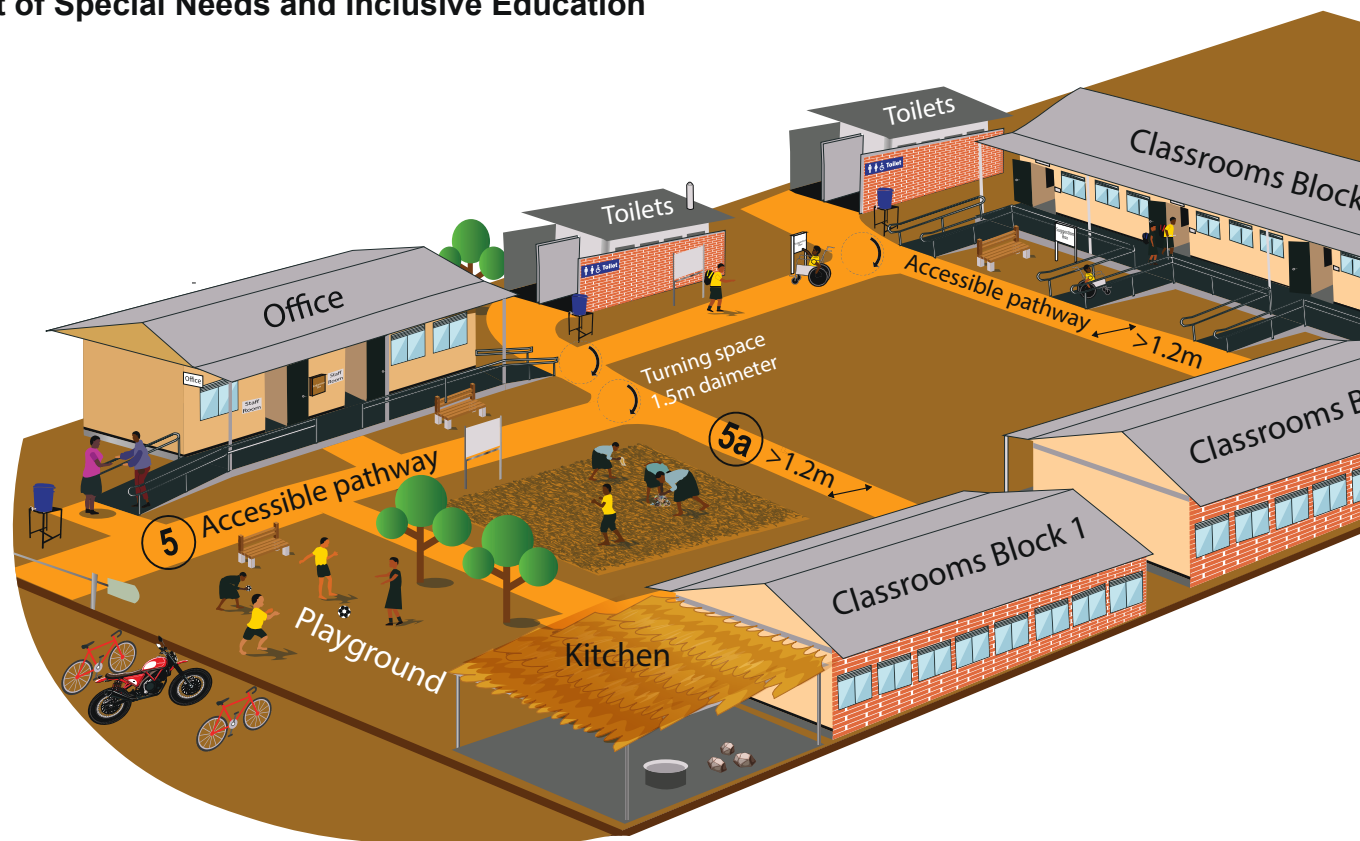


Ministry of Education and Sports

Department of Special Needs and Inclusive Education

School Accessibility Companion Guide

to the 2019
Building Control Code



November 2022



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Special appreciation goes to Humanity & Inclusion for technical and financial support which made us complete the companion guide without which it would not be where it is now.

MOES also recognizes contributions made by all the participants during consultation workshops who make fruitful discussions towards the school accessibility companion guide.

The companion guide will support the sector to meet the policy and legal framework provisions on accessibility in schools.

Sarah Bugoosi Kibooli
Commissioner, Special Needs and Inclusive Education
Ministry of Education and Sports



Preface

The Ministry of Education and Sports through the Department of Special Needs and Inclusive Education is championing the agenda id “Leaving No One Behind”. To support this cause, the School Accessibility Companion Guide is developed. The Guide will support the persons or organisations working on school construction to follow the standards there in order to ensure that schools are accessible to all learners especially with disabilities.

Over the years most of the partners and construction team have been referring to the Building Control Act 2013 and the 2010 Accessibility Standard: a practical guide to create a barrier free physical environment in Uganda.

This new Guide is in line with the Building Control Act, 2013, and the Statutory Instrument 2019 (No 52) the Building Control (Accessibility Standards for Persons with Disabilities) Code. It also abides by the Persons with Disabilities Act 2020 i.e. Article 6 which provides for non-discrimination in institutions of learning. Specifically clause 4 (b) indicates that institutions of learning that enrol a learner with disability should make the necessary structural adjustments to enable access to the buildings or premises by a learner with disabilities.

The Guide is made available to school administration, architects, engineers or any other relevant stakeholders implementing school construction with an intention of improving accessibility provisions in schools for learners with disabilities. This will help learners with disabilities to attend school and participate in all activities with ease.

I therefore call upon all our partners in education to make use of this Guide to promote standard accessibility in schools and in the country at large.



Ketty Lamaro
Permanent Secretary
Ministry of Education and Sports

Background

Children with disabilities face more difficulty in accessing schools than children without disabilities ([UBOS, 2019](#)). School attendance rate of persons with disabilities (6-24 years old) was lower than the rate of persons without disabilities of the same age group (61.3% vs 68.1%). One of the major barriers to access schools is inaccessible school compounds, buildings and facilities.

Uganda developed a [Statutory Instrument 2019 \(No 52\) the Building Control \(Accessibility Standards for Persons with Disabilities\) Code](#) , while some partners may also be familiar with [the 2010 Accessibility Standards: A practical guide to create a barrier-free physical environment in Uganda](#) which were developed by the Ministry of Gender, Labour and Social Development and Uganda National Action on Physical Disability (UNAPD), and other stakeholders. [The Building Control Act \(2013\)](#) stipulates that each district should have a Building Committee which has a responsibility, among others, to “ensure that the design and construction of buildings and utilities to which the public is to have access cater for persons with disabilities” (Art 29.c).

Despite these, many schools remain inaccessible for all learners especially for learners with disabilities in terms of infrastructure. Some factors include the following;

Many buildings built before 2019 are not refurbished due to lack of funds and planning.

New buildings after 2019 do not comply with the Building Control Code because the Code is not yet widely known by architects and civil engineers, the Building Committees are not fully established in all districts, among other reasons.

See p.32-33 for gaps in the current process of school construction and refurbishment analysed by the School Accessibility Companion Guide Working Group with recommendations.

In order to cease further construction of inaccessible schools, there was an urgent need to develop a simple and friendly companion guide to the 2019 Building Control Code specific for school environments, and popularise it among key stakeholders who are responsible for school construction.

This guide will support MOES to accelerate its journey towards achievement of Sustainable Development Goal 4 for inclusive education, realization of the Convention on the Rights of Persons with Disabilities (Articles 9 on Accessibility and 24 on Education) as well as the Persons with Disabilities Act, 2020.

Who use this guide

This simple and friendly companion guide is for;

- Architects and civil engineers approving and executing new school constructions and/or refurbishment of existing schools
- Education actors managing school construction/refurbishment projects.
- Users of schools including students, teachers, parents, and community members.

How to use this guide

Purpose: to assess the current situation or to evaluate the construction/refurbishment work ongoing or completed.

Steps:

- 1 Prepare the guide, a pen, a measure, a camera
- 2 Set up and train a team including students, teachers, parents, community members etc. Include persons with different disabilities!!!
- 3 Following the guide, visit different facilities in school
- 4 Read the standards and answer YES or NO. If needed, take measurements of concerned components of a facility, to decide if the current status meets the standards
- 5 Write a report of results. Prioritize inaccessible elements that require improvement, develop and implement action plans (i.e. School Improvement Plan)
- 6 Repeat the assessment regularly for continuous improvement

The checklist shows standards with numbers. Numbers in color and in circle mean that you can find corresponding numbers in illustrations.

Example

3	The exterior door has a minimum width of 0.9m when the door is fully open
4	The accessible toilet has a door with the following;
4a	• The door into accessible toilet opens outward



Find 3 and 4a in illustrations

Remarks

MOES's standard drawings. MOES has standard drawings for key school facilities such as 3 classrooms block for primary school, 2 classrooms block for secondary school, and latrine block. MOES is undertaking the revision of these drawings to be compliant with the 2019 Building Control Code. For further information, please contact the Construction Management Unit.

Training pack. The Guide is accompanied by a training pack (a PowerPoint file) so as to help actors involved in school accessibility improvement gain necessary knowledge and skills.

Acronyms

CMU	Construction Management Unit
MOES	Ministry of Education and Sports
MOWT	Ministry of Works and Transport

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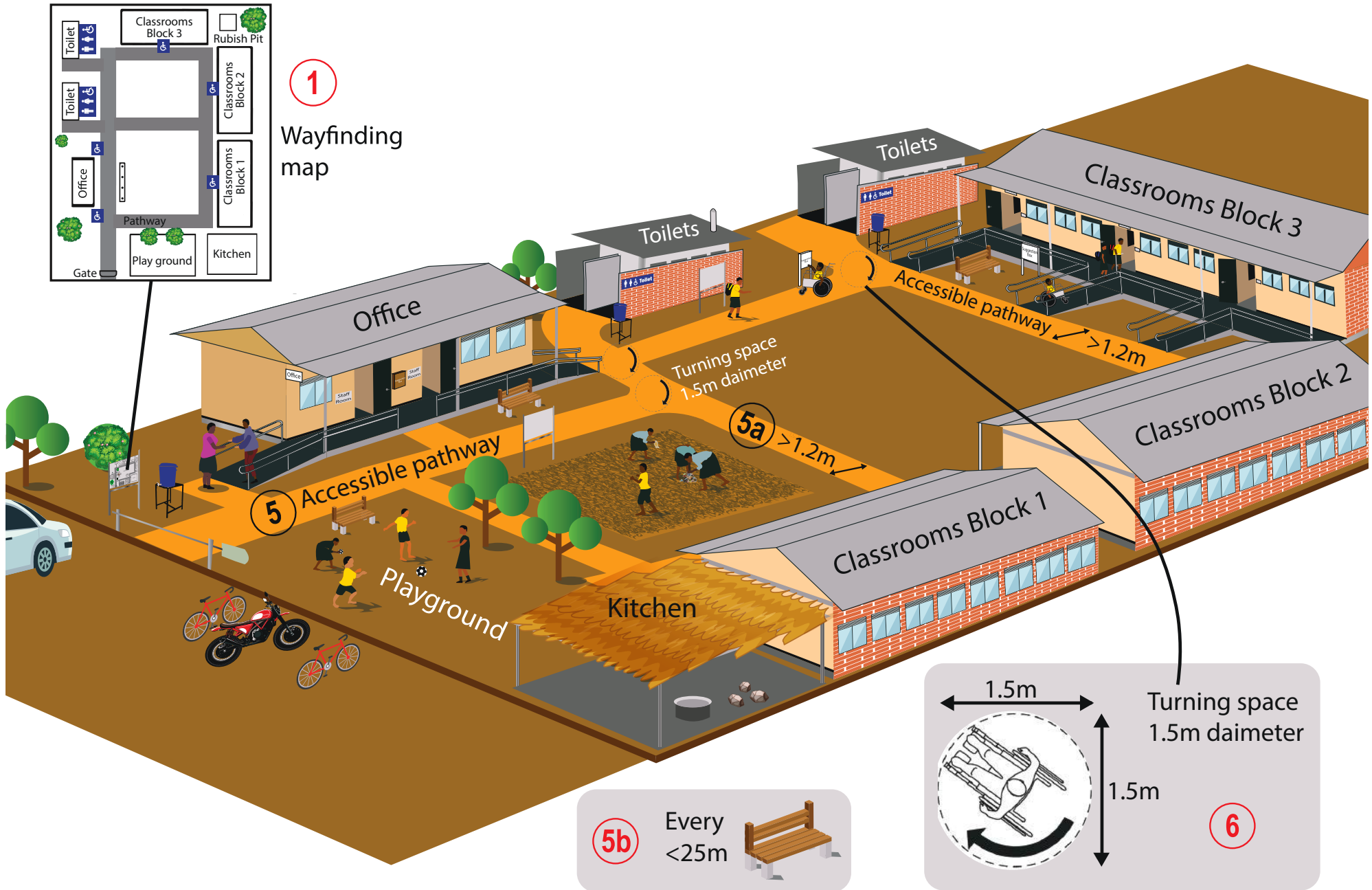
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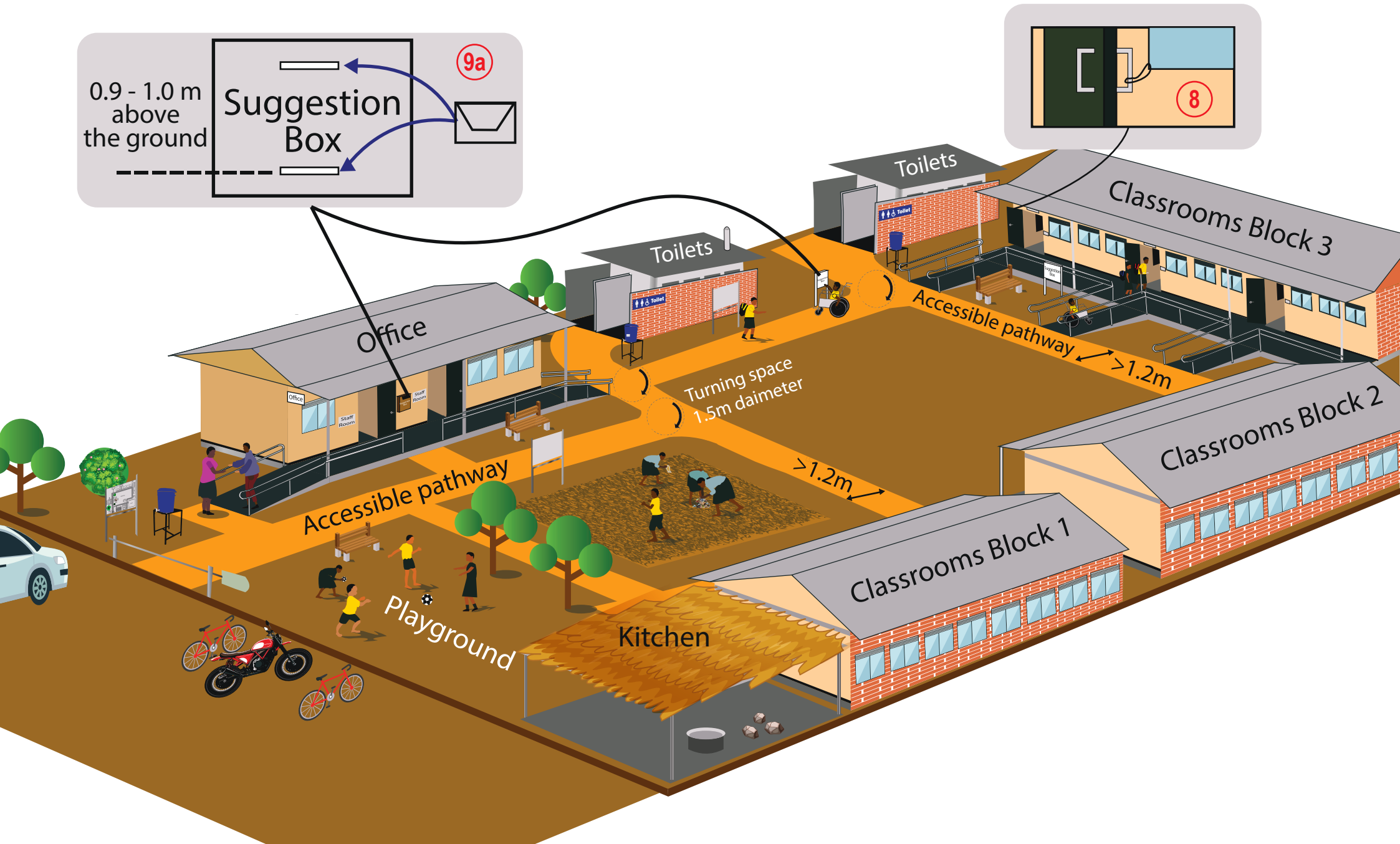
01 Compound



01 Compound

	Standards	Check your current situation Answer YES or NO Measure if needed	Additional notes/ comments	Reference
①	There is a sign showing the direction and name of the facilities in the school compound, at the gate (minimum) and in other common places (recommended: main hall)	☐ YES ☐ NO		Part II 4 (2)
2	A sign has lettering of height not less than 50mm	☐ YES ☐ NO		Part II 4 (2)
3	Directional signage is mounted (protruding or on a wall) at least 2.0m above the trafficable surface Information is big and readable from distance	() m ☐ YES ☐ NO Info readable ☐ YES ☐ NO		Part II 8 (2)
4	Signage is also mounted at 1.2-1.6m above the trafficable surface, and 0.5m for persons with short stature, without protruding off the wall	() m ☐ YES ☐ NO Info readable ☐ YES ☐ NO		ISO 21542, and suggestion by the association of little people
⑤	There is at least one accessible route that connects facilities in the school compound.	☐ YES ☐ NO		Part II 6
⑤a	• The clear width of the walking surface is not less than 1.2m	() m ☐ YES ☐ NO		Part II 6 (4-a)
⑤b	• There is a pause area (with seating) for every 25m	☐ YES ☐ NO		Part II 6 (7)
5c	• A surface of accessible route is stable, flat, firm, and slip-resistant	Stable ☐ YES ☐ NO Flat ☐ YES ☐ NO Firm ☐ YES ☐ NO Anti-slip ☐ YES ☐ NO		Part II 9 (2)(10)
⑥	The accessible route has a clear turning space of minimum 1.5m diameter	() m ☐ YES ☐ NO		Part II 7 (1)
7	A door and window do not swing into, or any object do not protrude an accessible walkway, corridor, turning space, stair or ramp	☐ YES ☐ NO		Part II 7 (2)/ 8 (3)

01 Compound



01 Compound

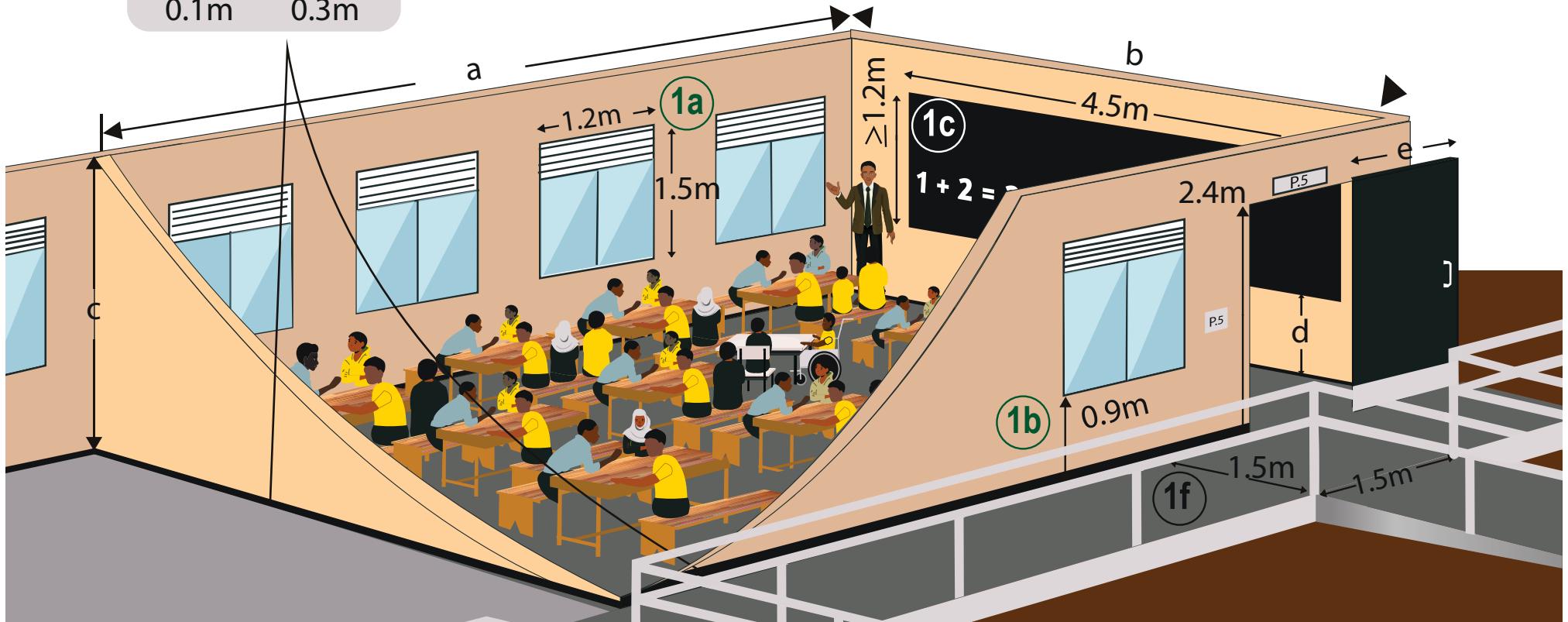
	Standards	Check your current situation Answer YES or NO Measure if needed	Additional notes/ comments	Reference
8	A doorstep is positioned in a way that a door opens to its maximum and shall not create a hazard for people passing the walkway	☐ YES ☐ NO		Part II 8 (4)
9	A wall-mounted material (e.g. suggestion box, fire extinguisher) is ...	---		---
9a	designed to be seen and used easily	☐ YES ☐ NO		Part II 8 (5-a)
9b	shielded or recessed to prevent injuries with a feature that warns of potential hazards to persons using white cane	☐ YES ☐ NO		Part II 8 (5-b/c)
10	A drainage grating, if crossing with an accessible path ...	---		---
10a	sets flush at the same level as the surface of the path	☐ YES ☐ NO		Part II 8 (7-a)
10b	is placed perpendicular to the main walking direction and the gap between grating and the path does not exceed 13mm	Perpendicular ☐ YES ☐ NO Gap ≤ 13mm ☐ YES ☐ NO		Part II 8 (7-b)
11	An opening in a floor finish or ground surface is ...	---		---
11a	if circular, less than 13mm diameter	☐ YES ☐ NO		Part II 9 (7-a)
11b	if elongated, less than 13mm wide and the direction is perpendicular to the dominant direction of travel	☐ YES ☐ NO		Part II 9 (7-b)
12	A vertical change in level between two floor surfaces is smooth in transition and does not exceed 5mm	☐ YES ☐ NO		Part II 9 (8)
13	Where a surface is cambered for drainage purposes, the camber does not exceed 1:50	Not exceeding 1:50 ☐ YES ☐ NO		Part II 9 (9)

02 Classroom Block

	② Primary	③ Secondary
Classroom size (a x b x c)	7.8 x 6 x 3m	9.4 x 7.4 x 3.1m
Blackboard height from the floor (d)	0.9m	1.0m
Door width (e)	Min. 0.9m	1.2m

①d

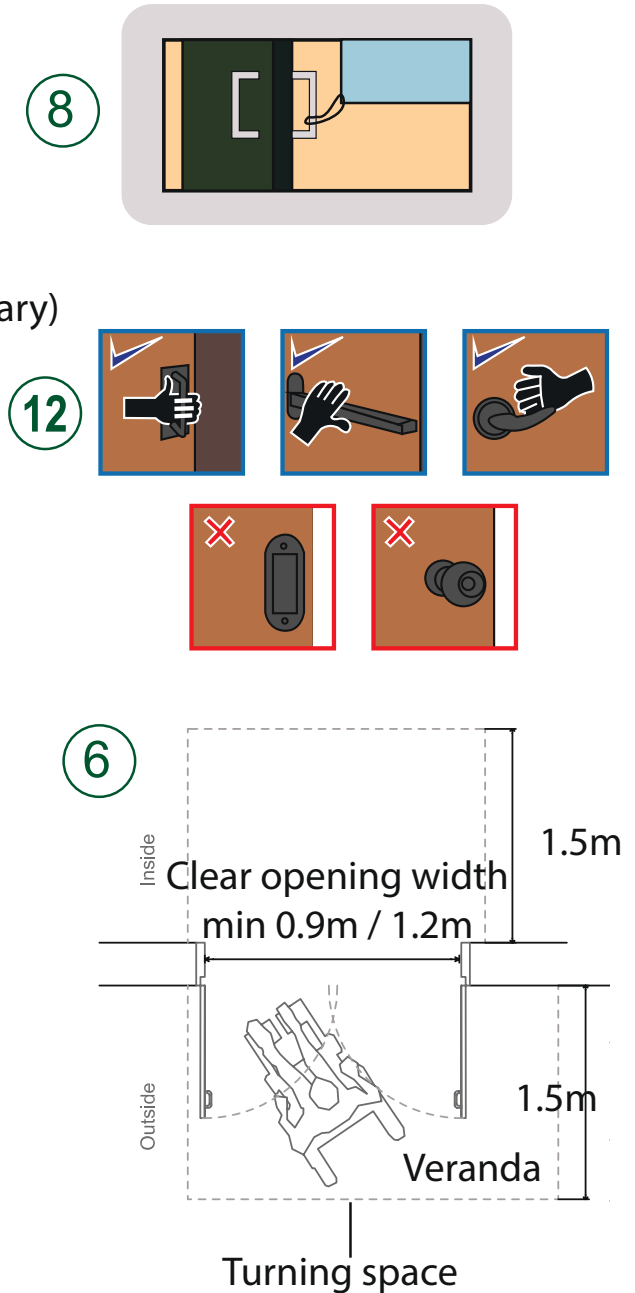
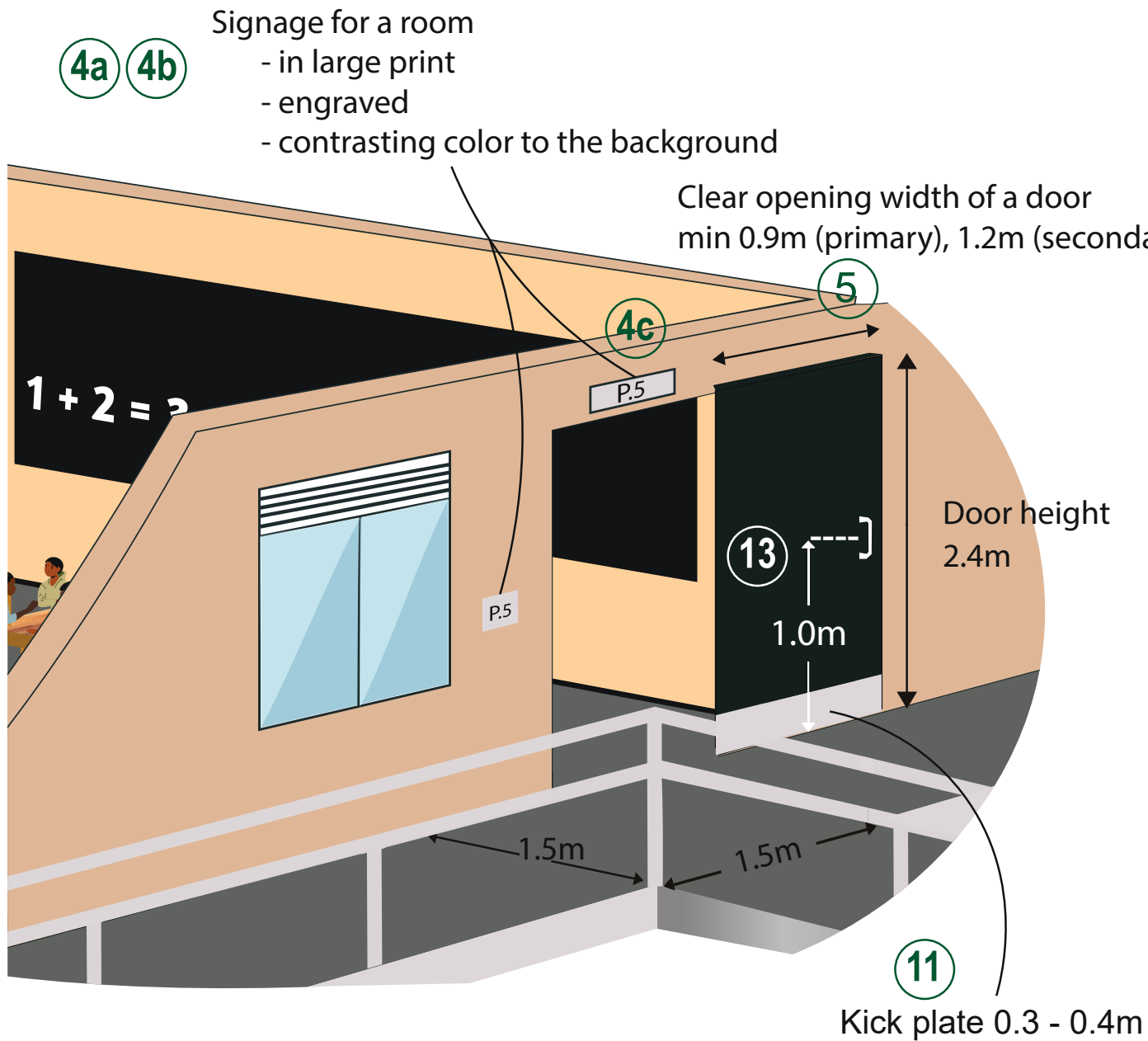
Skirting	
Internal	External
0.1m	0.3m



02 Classroom Block

	Standards	Check your current situation Answer YES or NO Measure if needed	Additional notes/ comments	Reference
1	Common standards for both primary and secondary schools			
1a	● Windows size (glazed) 1.2m wide X 1.5m high	() m x () m ☐ YES ☐ NO		CMU, MOES, Sep 2020. CMU/BE/3CRM/20/13
1b	● Height for window 0.9 from the floor	() m ☐ YES ☐ NO		CMU, MOES, Sep 2020. CMU/BE/3CRM/20/13
1c	● Blackboard at least 4.5m long X 1.2m wide Uniformly painted black (dark green)	() m x () m ☐ YES ☐ NO Uniformly painted ☐ YES ☐ NO		CMU, MOES, Sep 2020. CMU/BE/2CRM/20/04b
1d	● Skirting internal 0.1m, external 0.3m high from the floor	☐ YES ☐ NO		MOES Bill of quantities, 2018
1e	● Floor surface is stable, flat, firm, and slip-resistant	Stable ☐ YES ☐ NO Flat ☐ YES ☐ NO Firm ☐ YES ☐ NO Anti-slip ☐ YES ☐ NO		Part II 9 (2)(10)
1f	● Clear width of veranda in front of classroom min 1.5m	() m ☐ YES ☐ NO		CMU, MOES. CMU/BE/3CRM/20/01 (2020) and 2CRM/FP/01 (2018)
2	Specific to primary school (3 classrooms block)			
	● A size of 24.32m long X 6.46m wide X 3.0m high >>> 1 classroom 7.8 m x 6 m x 3 m	☐ YES ☐ NO		CMU, MOES, Sep 2020. CMU/BE/3CRM/20/01
	● Black board height 0.9m from the floor level	Height () m ☐ YES ☐ NO		MOES recommendation
	● Door size at least 0.9m wide X 2.4m high	() m x () m ☐ YES ☐ NO		Part II 10 (2) and CMU, MOES CMU/BE/3CRM/ 20/13
3	Specific to secondary school (2 classrooms block)			---
	● A size of 18.31m long X 7.43m wide X 3.1m high >>> 1 classroom 9.04 m x 7.2 m x 3.1 m	☐ YES ☐ NO		CMU, MOES, Nov 2022. 2-CRM/FP/01
	● Black board height 1.0m from the floor level	Height () m ☐ YES ☐ NO		MOES recommendation
	● Door size 1.2m* wide X 2.4m high (*a two-leaf door 0.2m +1.0m)	() m x () m ☐ YES ☐ NO		Part II 10 (2) and CMU, MOES, 2022. 2- CRM/FP/01

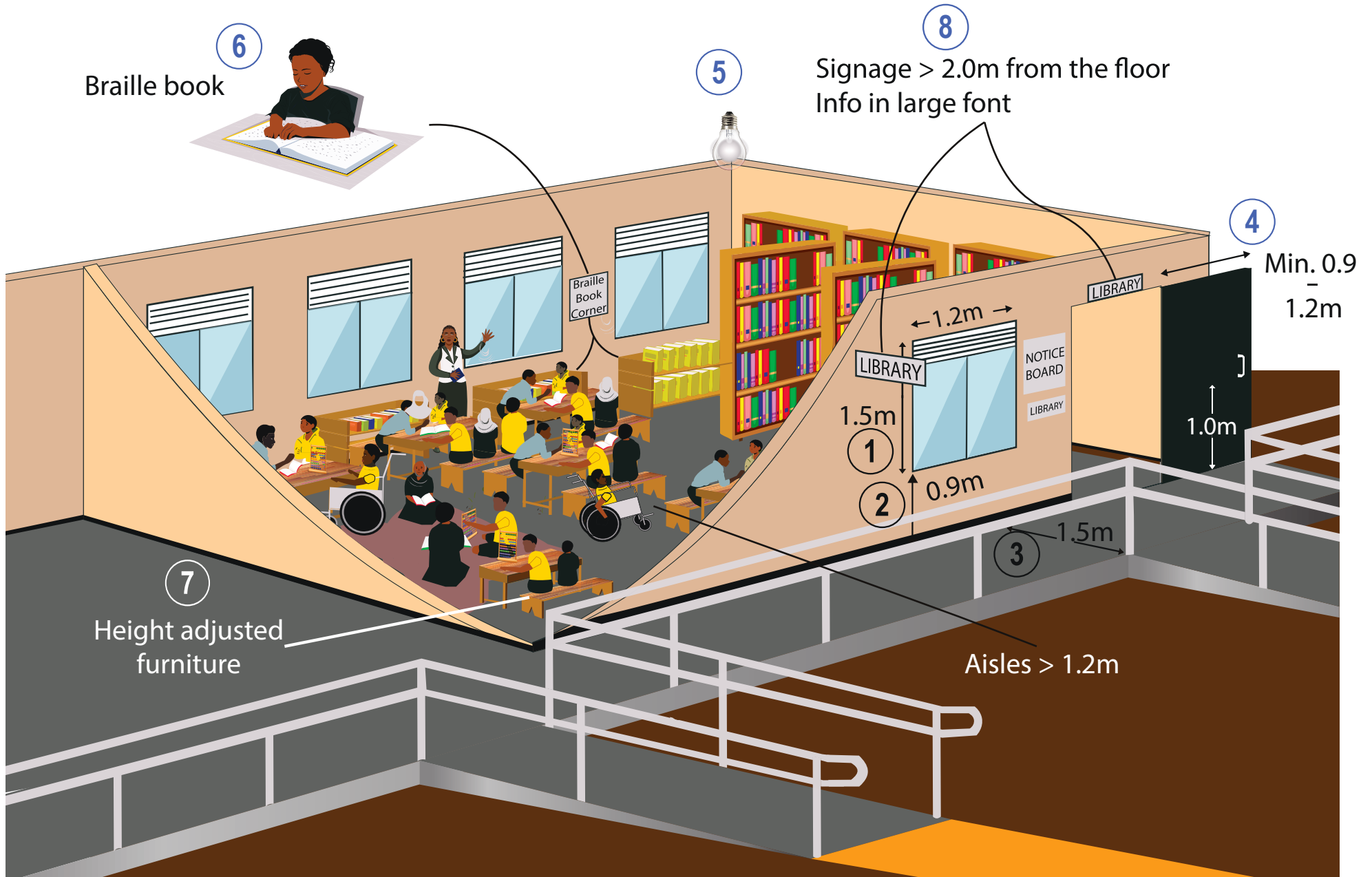
02 Classroom Block



02 Classroom Block

	Standards	Check your current situation Answer YES or NO Measure if needed	Additional notes/ comments	Reference
4	Signage for classroom, library etc			
4a	All rooms indicate grade numbers (P1, etc) or the name of room function (e.g. library, laboratory ...) on a wall besides door frames (1.2 - 1.6m above the floor). Preferably engraved or brailled	☐ YES ☐ NO Engraved/brailled ☐ YES ☐ NO		MOES recommendation Part II 10 (13)
4b	Signage has contrasting colours and large print format, readable from distance.	Contrasting color ☐ YES ☐ NO Large print ☐ YES ☐ NO		Part II 10 (13)
4c	Signage is mounted at least 2.0m above the trafficable surface	() m ☐ YES ☐ NO		Part II 8 (2)
4d	Signage is also mounted at 0.5m above the trafficable surface for persons with short stature, without protruding off the wall	() m ☐ YES ☐ NO		ISO 21542, suggestion by the association of little people
5	A clear opening of the door shall be at least 0.90m (primary) and 1.2m*(secondary) (*a two-leaf door 0.2m +1.0m)	() m ☐ YES ☐ NO		Part II 10 (2) and CMU, MOES CMU/BE/3CRM/20/13
6	There is a space for a wheelchair user to make a 90 degree turn (turning space 1.5x1.5m)	☐ YES ☐ NO		Part II 10 (4)
7	A door is light and easy to open for everyone	☐ YES ☐ NO		Part II 10 (9)
8	A doorstop keeps a door open to its maximum and does not create a hazard	☐ YES ☐ NO		Part II 8 (4)
9	In case of a glass door, there is a horizontal marking in contrasting color and non-glaring at 1.25m -1.60m from floor surface to warn persons with visual impairment.	Marking ☐ YES ☐ NO Height ()m		Part II 10 (11)
10	Door and door frame are painted in a contrasting colour from the surrounding wall	☐ YES ☐ NO		Part II 10 (12)
11	Door has kick plates of 0.30-0.40m from the bottom of the door	☐ YES ☐ NO		MOES recommendation
12	Door handle is the lever type usable easily by one hand, not a round door knob	☐ YES ☐ NO		Part II 11 (1)(2)
13	Door handle is fitted at a height of not exceeding 1.0m from the floor surface	() m ☐ YES ☐ NO		Part II 11 (1)

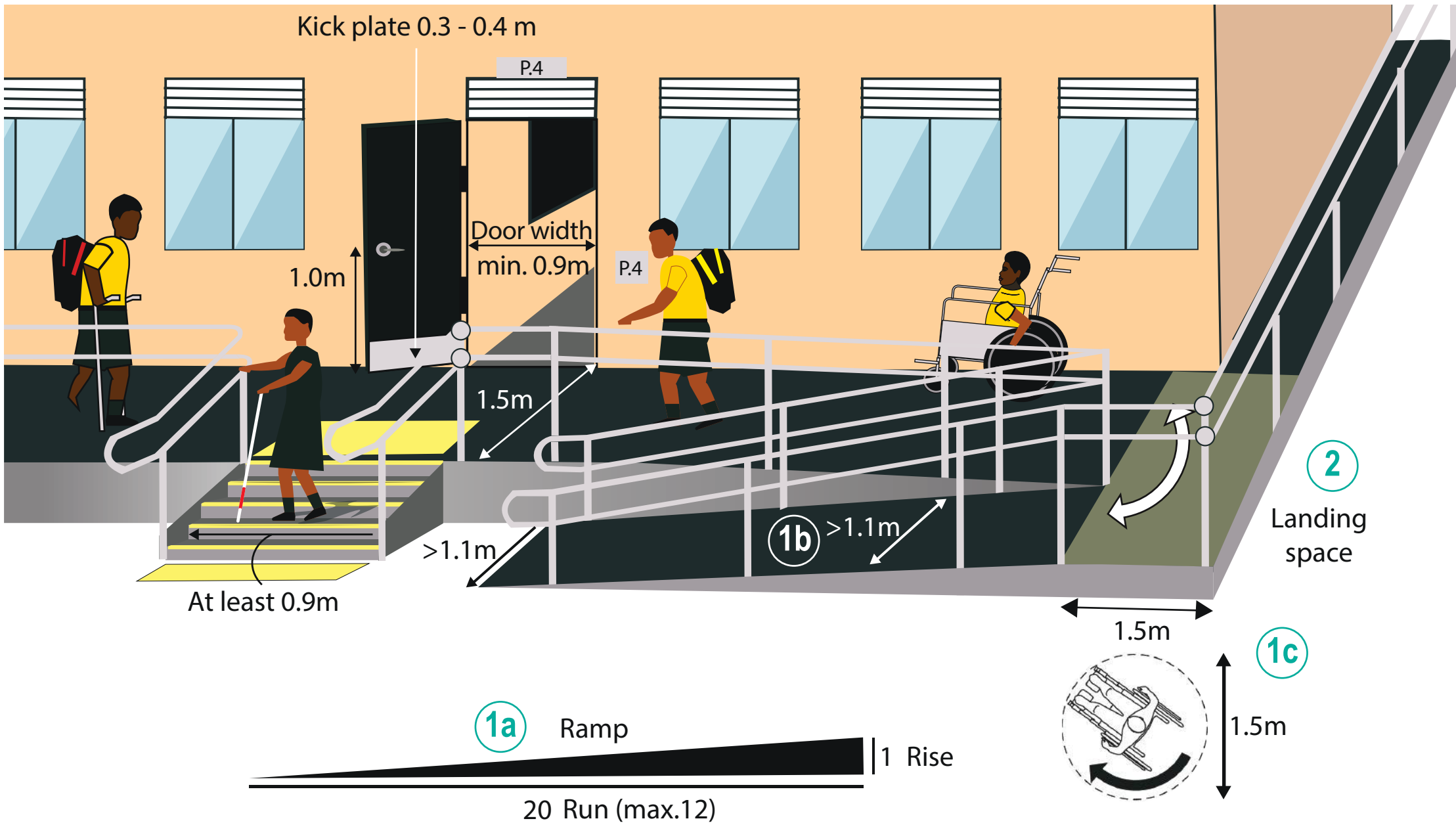
03 Library



03 Library

	Standards	Check your current situation Answer YES or NO Measure if needed	Additional notes/ comments	Reference
	Library may use an empty classroom so refer to 02 classrooms block to see key standards			
①	Windows size (glazed) is 1.2m wide X 1.5m high	() m x () m ☐ YES ☐ NO		CMU, MOES, Sep 2020. CMU/BE/3CRM/20/13
②	Height for window is 0.9 from the floor	() m ☐ YES ☐ NO		CMU, MOES, Sep 2020. CMU/BE/3CRM/20/13
③	The clear width of veranda in front of library is min. 1.5m	() m ☐ YES ☐ NO		CMU, MOES. CMU/BE/3CRM/20/01 (2020) and 2CRM/FP/01 (2018)
④	Door width is at least 0.9m in primary school, 1.2m* in secondary school (*a two-leaf door 0.2m +1.0m)	() m ☐ YES ☐ NO		Part II 10 (2) and CMU, MOES CMU/BE/3CRM/ 20/13
⑤	Enough lighting levels without causing glare or shadows	☐ YES ☐ NO		Part IV 49 (2, 4)
⑥	Books in Braille, large font size, audio, etc., are available	☐ YES ☐ NO		MOES recommendation
⑦	Detached desks and seats, and/or height adjustable desks and chairs are available	☐ YES ☐ NO		MOES recommendation
⑧	Directional signage is mounted (protruding or on a wall) at least 2.0m above the trafficable surface Information is big and readable from distance	() m ☐ YES ☐ NO Info readable ☐ YES ☐ NO		Part II 8 (2)

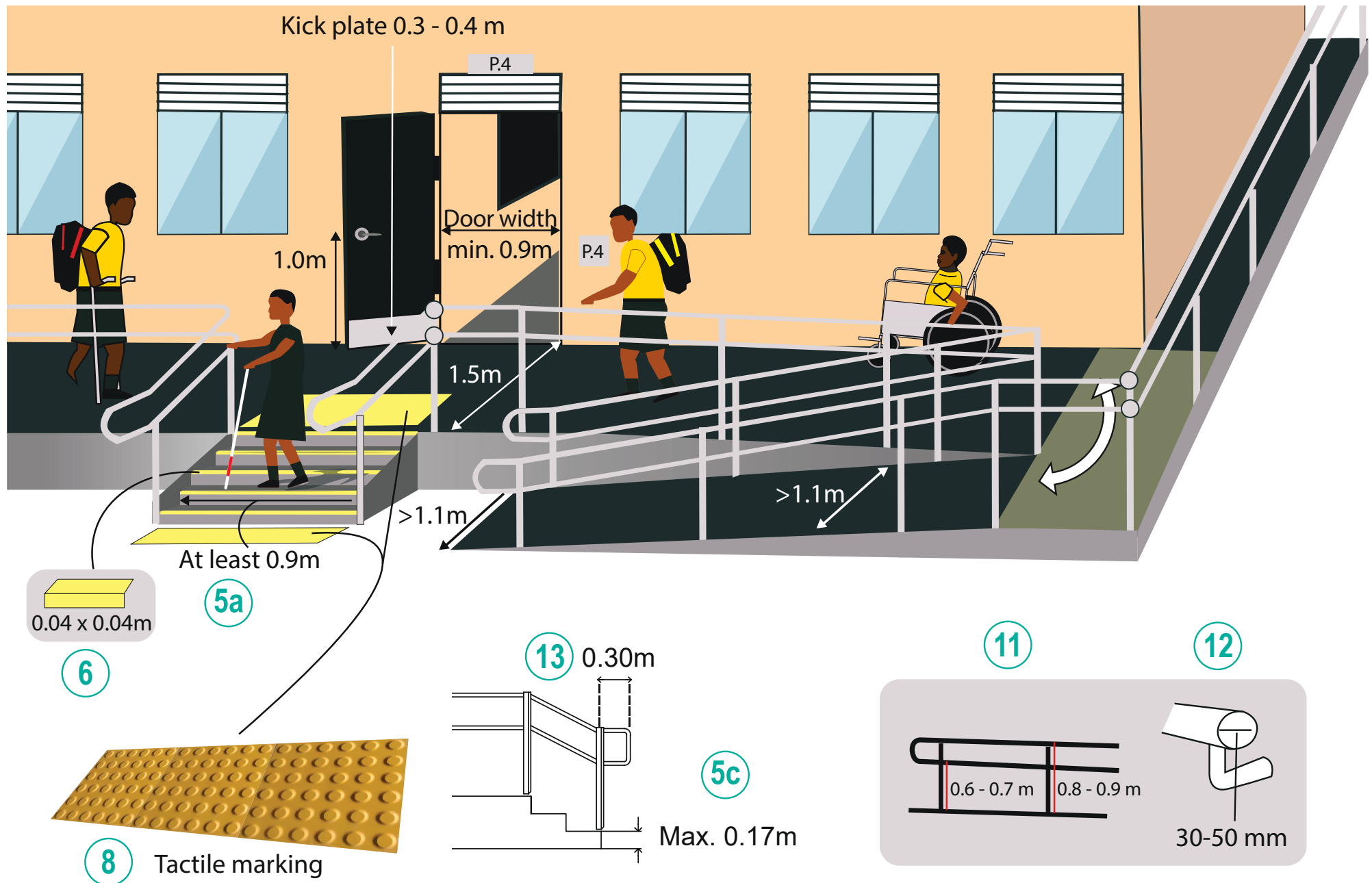
04 Accessible Ramp and Stairway



04 Accessible Ramp and Stairway

	Standards	Check your current situation Answer YES or NO Measure if needed	Additional notes/ comments	Reference
1	For any change in level over 25 mm, there is a ramp ...	☐ YES ☐ NO		Part II 9 (8), 12
1a	● with a gradient 1:20 but not steeper than 1:12	Run ()m ÷ Rise ()m = () ≥ 20 ☐ YES < 12 ☐ NO		Part I 3 interpretation, Part II 12 (3-a)
1b	● with a clear, trafficable surface with minimum width of 1.1m	() m ☐ YES ☐ NO		Part II 12 (3-b)
1c	● with a landing space of 1.5m x 1.1m at the top and bottom of each ramp	() m x () m ☐ YES ☐ NO		Part II 12 (3-d)
1d	● with a handrail on both sides of the ramp	☐ YES ☐ NO		Part II 12 (3-e)
2	Intermediate landing for long ramp Every 10m for 1:20 slope. Every 2.26m for 1:12 slope	☐ YES ☐ NO		ISO 21542 (2021)
3	A landing of a step ramp on the accessible route does not overlap a landing for another ramp	☐ YES ☐ NO		Part II 12 (4)
4	A door leaf or window does not open onto a ramp and landing space	☐ YES ☐ NO		Part II 12 (3-d, 5)

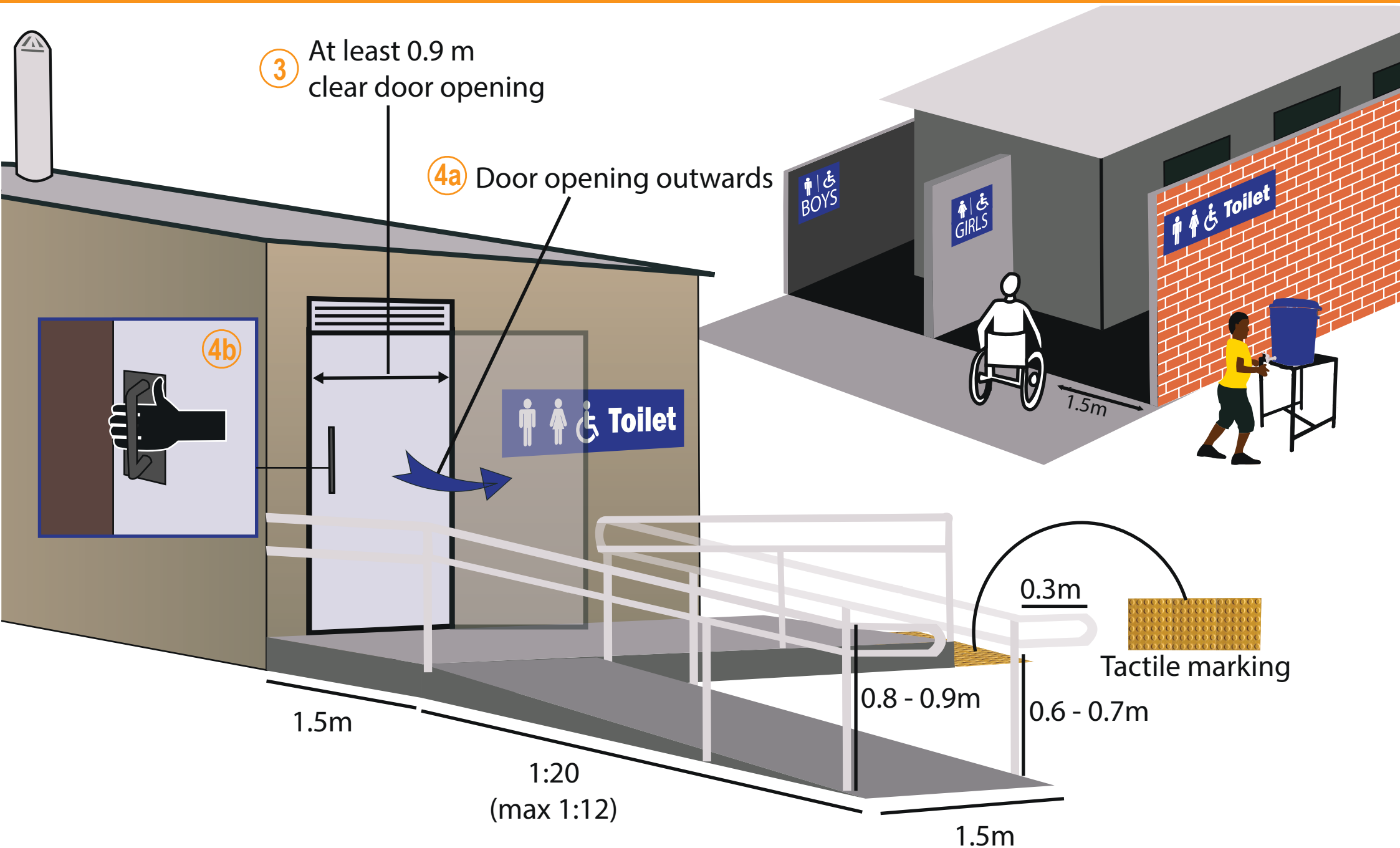
04 Accessible Ramp and Stairway



04 Accessible Ramp and Stairway

	Standards	Check your current situation Answer YES or NO Measure if needed	Additional notes/ comments	Reference
5	A stairway has...			
5a	● the width of at least 0.9m	() m ☐ YES ☐ NO		Part II 13 (1-a)
5b	● for more than two flights of stairs: a landing of 1.1m length	() m ☐ YES ☐ NO		Part II 13 (1-b)
5c	● the rise of each step with the same height and below 0.17m	☐ YES ☐ NO		Part II 13 (1-c)
5d	● the maximum flight height is 1.53m	☐ YES ☐ NO		Part II 13 (1-e)
6	Each nosing on a stairway has contrasted color 0.04 x 0.04m	☐ YES ☐ NO		Part II 13 (2)
7	Water should not accumulate on a walking surface including treads	☐ YES ☐ NO		
8	A tactile marking with contrasted colours at the top and bottom of the stairs	☐ YES ☐ NO		Part II 13 (4)
9	Stairways without winders/spiral (rather to have proper landing space)	☐ YES ☐ NO		Part II 13 (1-g/h)
10	A handrail or a guardrail does not encroach into accessible pathway	☐ YES ☐ NO		Part II 14 (1-a)
11	Elliptical gripping is 50 x 40mm If circular gripping, the diameter is between 30-50mm	☐ YES ☐ NO		Part II 14 (1-b)
12	Height to the top of a handrail or guardrail is: 0.6 - 0.7m to the lower one and 0.8 - 0.9m to the upper one	☐ YES ☐ NO		Instruction from MOWT
13	A handrail / a guardrail shall extend 0.3m horizontally beyond the top and bottom of a ramp or stairway	☐ YES ☐ NO		Part II 14 (1-i-ii)
14	Height to the top of a handrail or guardrail is consistent along the length	☐ YES ☐ NO		Part II 14 (1-c)
15	A handrail / a guardrail is securely fixed and rigid	☐ YES ☐ NO		Part II 14 (1-d)

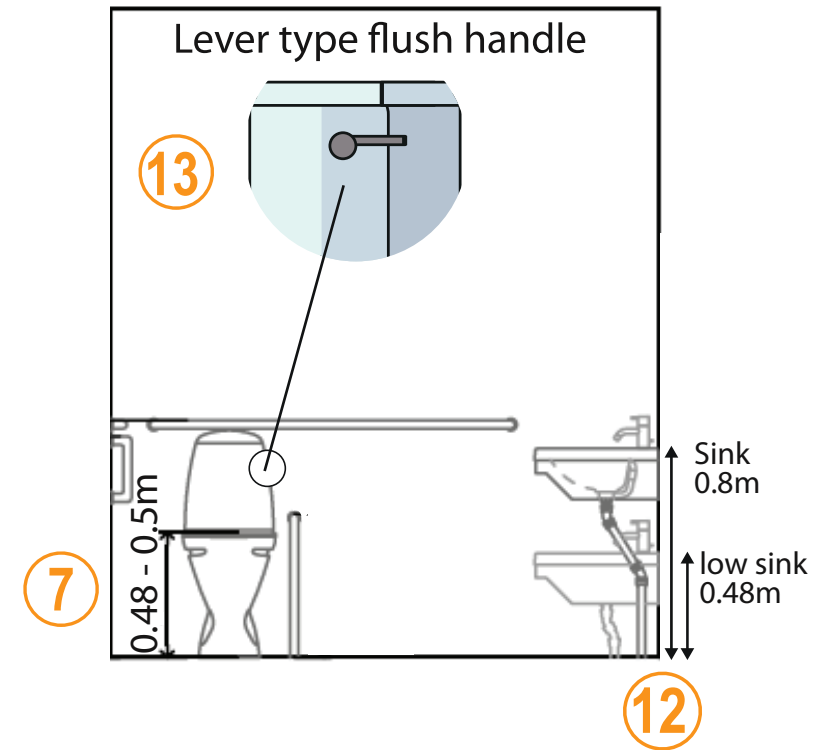
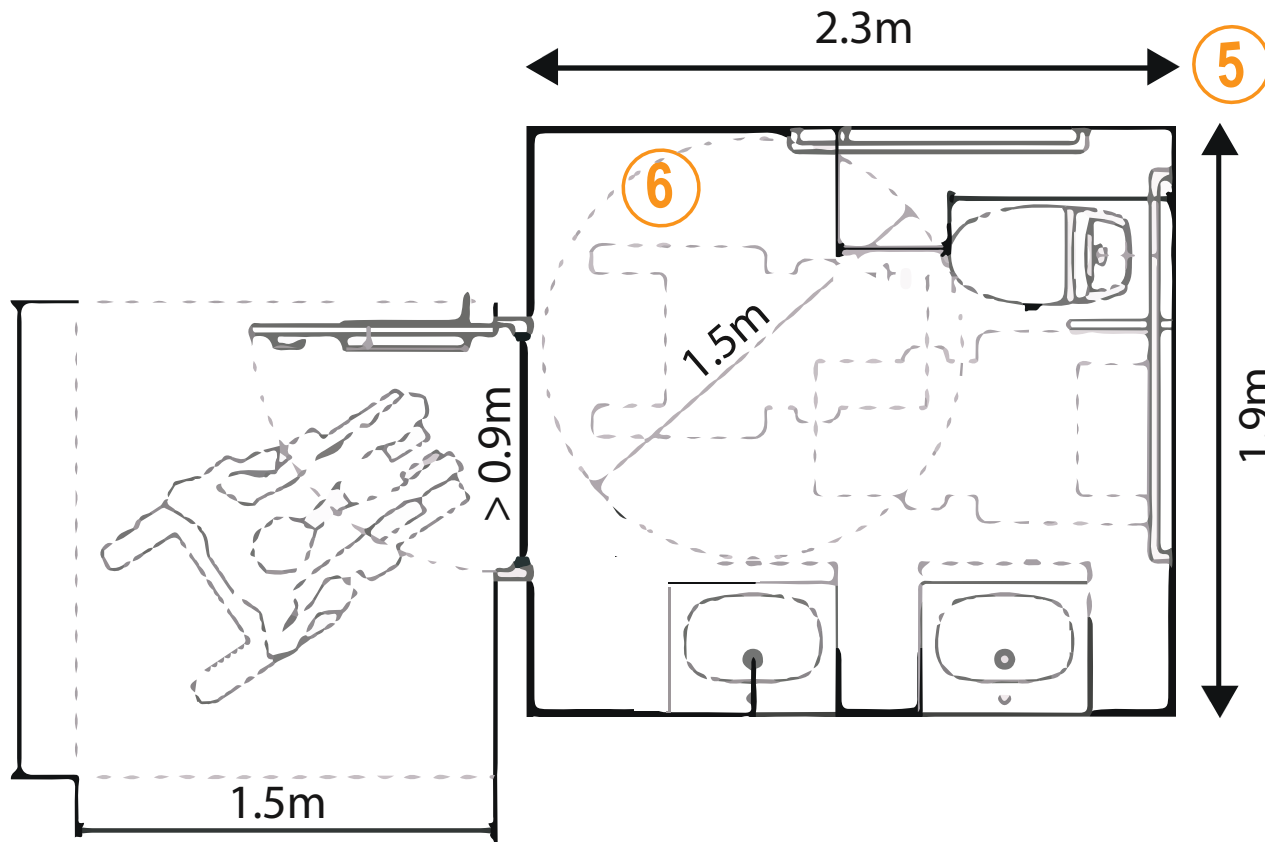
05 Bathroom Block



05 Bathroom Block

	Standards	Check your current situation Answer YES or NO Measure if needed	Additional notes/ comments	Reference
1	Each school washroom facility has at least two toilets (male/female) or at least one unisex toilet accessible to students with disabilities.	☐ YES ☐ NO		Part III 16 (1)
2	The distance to toilet accessible to persons with disability is [as close as possible to the classroom 15m*] or equal distance to that of persons without disabilities. Maximum distance 45m	Close to a classroom ☐ YES ☐ NO Distance ()m		Part III 16 (1d) *Recommendation by MOES
3	The exterior door has a minimum width of 0.9m when the door is fully open	() m ☐ YES ☐ NO		Part III 16 (2)
4	The accessible toilet has a door with the following;			
4a	●The door into accessible toilet opens outward	☐ YES ☐ NO		Part III 17 (1-a-i)
4b	●The door is fitted with a grab rail on the inside and an-easy-to-use locking with one hand (not a latch)	Grab rail ☐ YES ☐ NO Easy-to-use lock ☐ YES ☐ NO		Part III 17 (1-a-iii)
4c	●The door is openable from the outside by a suitable device in case of emergency and indicates whether toilet is occupied or not.	Openable door from outside ☐ YES ☐ NO Indication of toilet in use or not ☐ YES ☐ NO		Part III 17 (1-a-iv)
4d	●The door is smooth running with a handle/ grab rail on either side that is easy to operate.	☐ YES ☐ NO		Part III 37 (1)
4e	●The distance between the handle and vertical door surface is 50 mm.	☐ YES ☐ NO		Part III 37 (2)

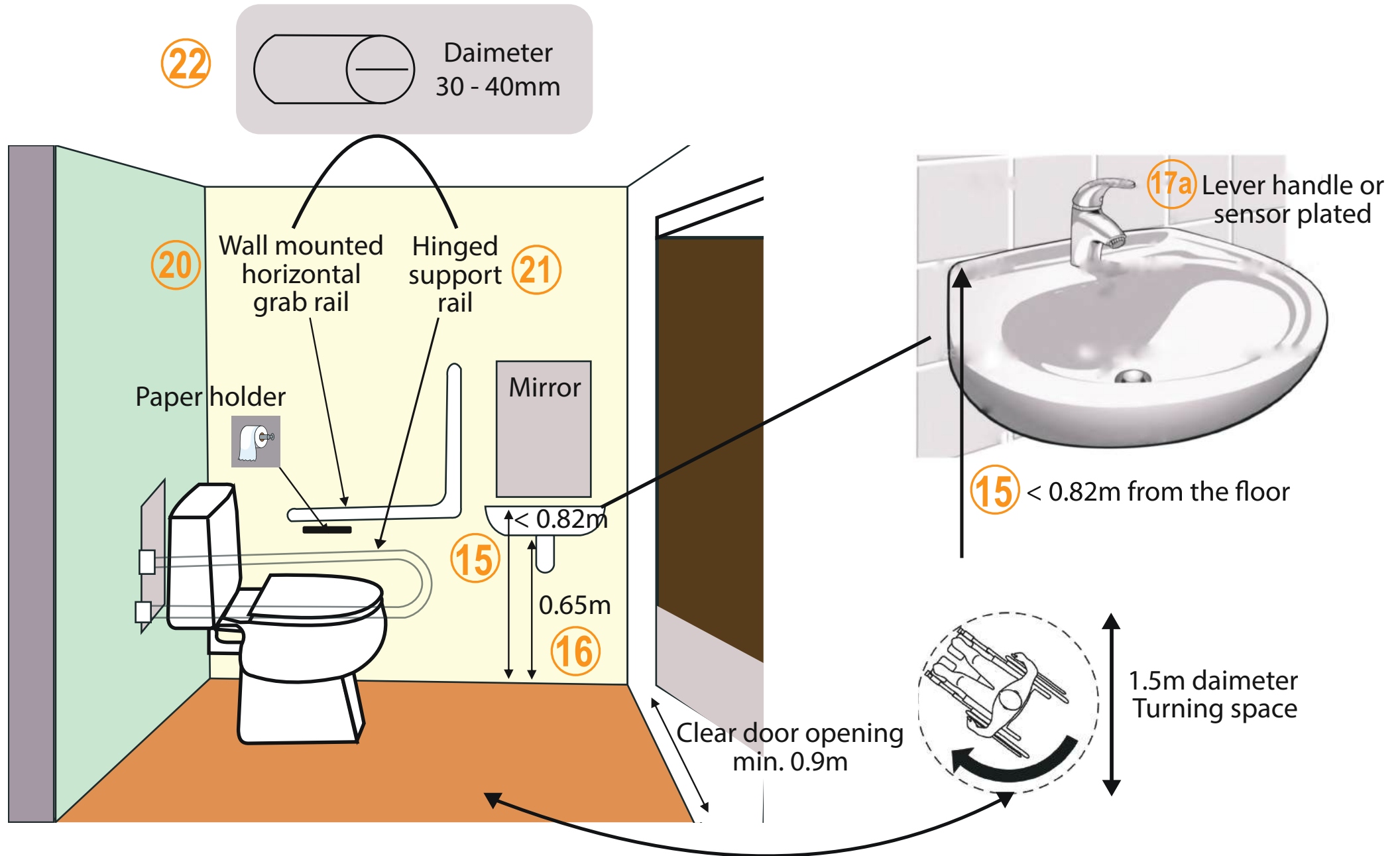
05 Bathroom Block



05 Bathroom Block

	Standards	Check your current situation Answer YES or NO Measure if needed	Additional notes/ comments	Reference
5	The wall-wall dimensions of the toilet compartment is minimum 1.9 m x 2.3 m	() m x () m ☐ Yes ☐ No		Part III 17 (2)
6	The size of the toilet should have a turning diameter of 1.5m (for wheelchair users), free of any obstructions.	☐ YES ☐ NO		Part III 17 (4)
7	Toilet seat is mounted at a height of 0.48m - 0.50m above the finished floor.	() m ☐ YES ☐ NO		Part III 17 (5)
8	The toilet seat is full round type, not open fronted, with minimum contours on top surface	☐ YES ☐ NO		Part III 18 (1a)
9	The toilet seat is securely fixed in position	☐ YES ☐ NO		Part III 18 (1b)
10	The toilet seat and lid remain in upright position when raised	☐ YES ☐ NO		Part III 18 (2)
11	Where a backrest is provided for wheelchair accessible toilet, backrest has height of 0.15-0.20 m and a width of 0.35-0.40 m	☐ YES ☐ NO		Part III 19 (1-c)
12	The right height of a sink fixture is 0.48m for persons with short stature and children, and 0.8m above finished ground for people standing up	☐ YES ☐ NO		Part III 20 (1)
13	The toilet has a lever-type flush control fixed in a position away from transfer, but reachable by a wheelchair user to facilitate flushing after transfer	☐ YES ☐ NO		Part III 21 (2)
14	The position of the flushing control is not within the area required for any grabrail or backrest	☐ YES ☐ NO		Part III 21 (3)

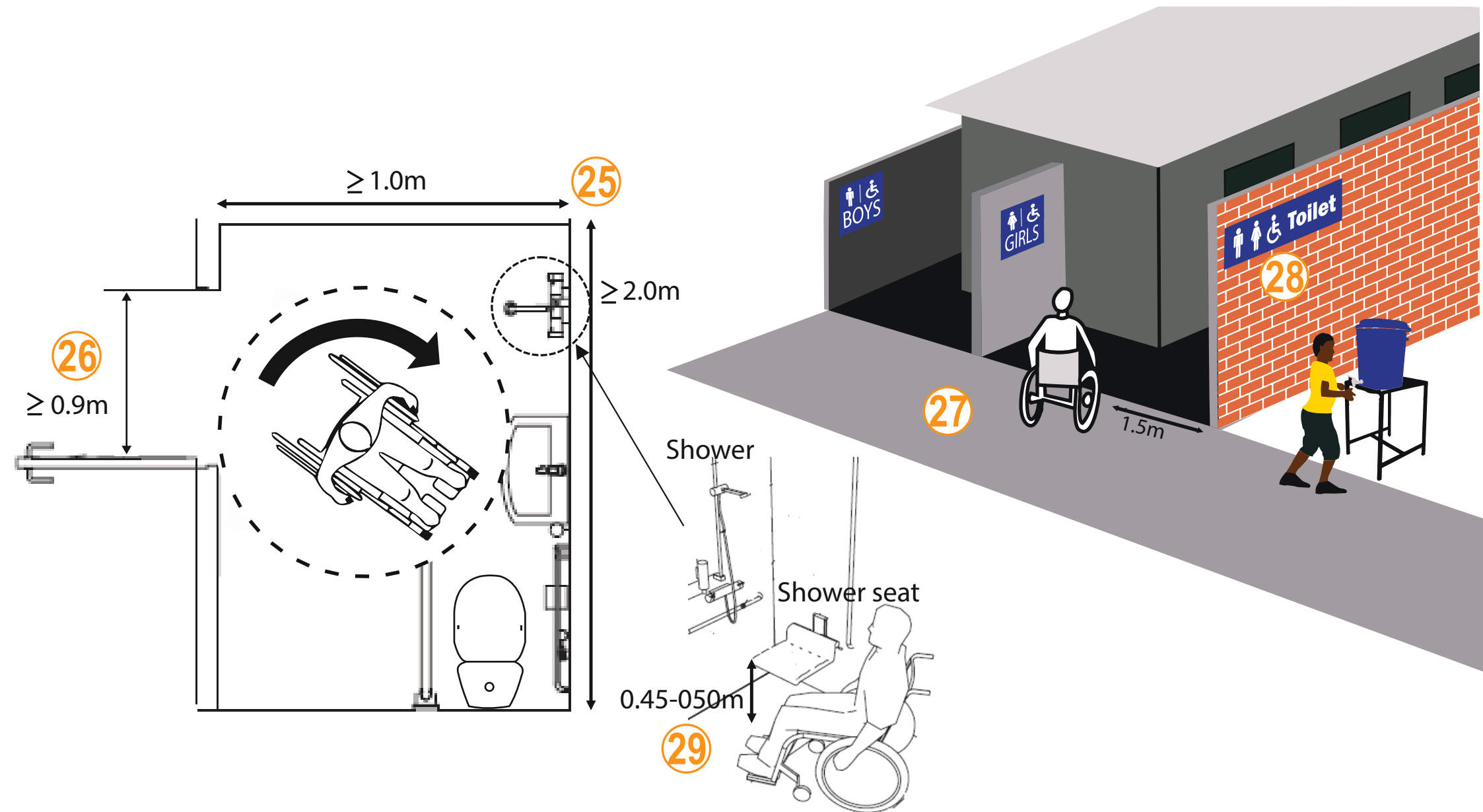
05 Bathroom Block



05 Bathroom Block

	Standards	Check your current situation Answer YES or NO Measure if needed	Additional notes/ comments	Reference
15	Washbasin is mounted without legs or pedestal, and the height from the floor to the top edge of the washbasin is not more than 0.82m	() m ☐ YES ☐ NO		Part III, 22 (a)
16	A washbasin has a verticle clearance of 0.65m from under the wash basin to the floor	() m ☐ YES ☐ NO		Part III, 22 (b)
17	Wash controls taps....			
17a	have lever handles, sensor plated or similar controls	☐ YES ☐ NO		Part III 23(a)
17b	have lever handles of not less than 50mm clearance from an adjacent surface	☐ YES ☐ NO		Part III 23(b)
17c	where separate taps are provided for hot and cold water, the hot water tap shall be placed to the left	☐ YES ☐ NO		Part III 23(c)
18	The vanity slab is at a height of 0.80m above the floor	☐ YES ☐ NO		Part III 24 (a)
19	The vanity slab is with a minimum width of 0.12m beside the basin	☐ YES ☐ NO		Part III 24 (b)
20	A grab rail is at the side and back of the toilet	☐ YES ☐ NO		Part III 25(1)
21	A hinged support arm is also provided to the transfer side	☐ YES ☐ NO		Part III 26
22	A grab rail has an outside diameter of between 30-40mm	☐ YES ☐ NO		Part III 25 (2-a)
23	Exposed edges and corners of grab rails shall have a radius of not less than 5mm	☐ YES ☐ NO		Part III 25 (2-b)
24	The passage of the hand for the full length of a vertical grab rail is not obstructed.	☐ YES ☐ NO		Part III 25 (4)

05 Bathroom Block

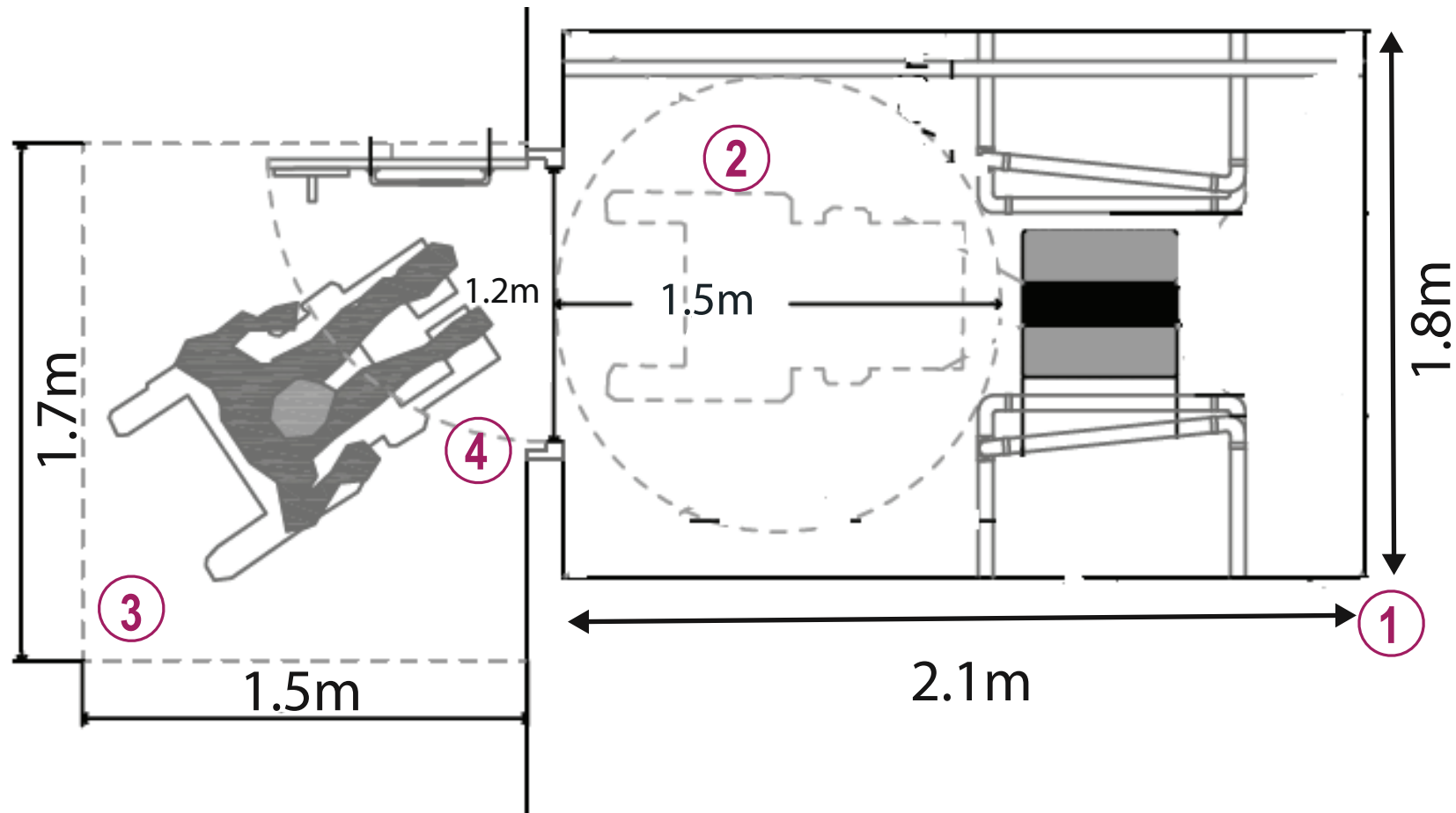


05 Bathroom Block

	Standards	Check your current situation Answer YES or NO Measure if needed	Additional notes/ comments	Reference
Bathrooms				
25	There is a bathroom with a minimum size of 1.0 x 2.0m to enable a wheelchair user enter with ease.	() m x () m ☐ Yes ☐ No		Part III 30 (1)
26	The bathroom has a minimum door opening of 0.90m	() m ☐ YES ☐ NO		Part III 30 (3)
27	The pathway to the bathroom is gentle, non-slippery and connected with a ramp where necessary.	☐ YES ☐ NO		Part III 30 (5)
28	There are directional signs to the location of the bathroom in contrasting colors, supplemented by engraved letters, or Braille.	Directional sign ☐ Yes ☐ No Contrasting color ☐ Yes ☐ No Engraved letters ☐ Yes ☐ No		Part III 30 (6)
29	A seat height is between 0.45-0.50 m above floor surface	() m ☐ YES ☐ NO		Part III 30 (2)
30	There are double handrails mounted at different heights with the maximum at 0.9m	() m ☐ YES ☐ NO		Part III 30 (2)
31	Hand dryer, liquid soap are mounted at 0.50m from the floor and 0.90m (for high sink)	☐ YES ☐ NO		Part III 31
32	A hook/peg (on a door/wall) is mounted at a height of 1.1 - 1.6m from the finished floor and 0.7-0.9m for persons with short stature	☐ YES ☐ NO		Part III 27 (1)(2) Part III 32 (1)(2)
33	The bath/shower cubicle is free from obstructions by a kerb or change of level for a wheelchair user to roll into	☐ YES ☐ NO		Part III 29 (1)
34	The floor surface is firm and slip resistant under wet or dry conditions	☐ YES ☐ NO		Part III 29 (2), 30 (3)

05 Bathroom Block

06 Pit Latrine



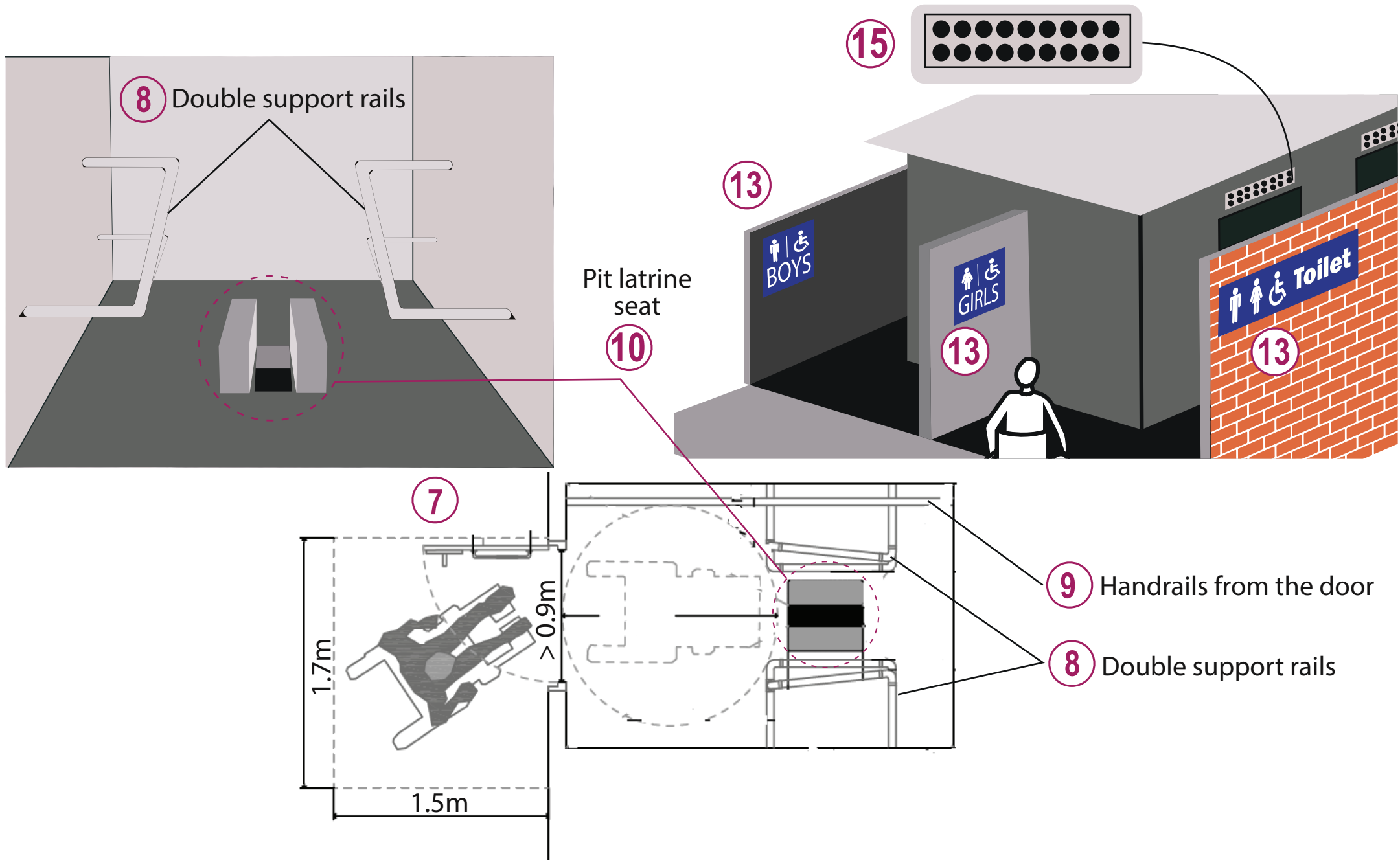
05 Bathroom Block

06 Pit Latrine

	Standards	Check your current situation Answer YES or NO Measure if needed	Additional notes/ comments	Reference
Urinals				
35	The urinal has a designated area for use by a person with disability and wide enough for a wheelchair user.	☐ YES ☐ NO		Part III 33 (1)
36	The urinal is stall-type or wall-hung with an elongated rim to make it user-friendly to a wheelchair user.	☐ YES ☐ NO		Part III 33 (2)
37	There is a clear floor surface of 1.5 x 0.80 m in front of urinal to allow forward approach by a wheel chair user.	☐ YES ☐ NO		Part III 33 (4)
38	Where need be, a ramp leading to the urinals is constructed using non-slippery materials.	☐ YES ☐ NO		Part III 33 (5)

1	The size of the pit latrine room has a minimum dimension of 2.1m x 1.8m.	() m x () m ☐ Yes ☐ No		Part III 34 (1)
2	There is a turning radius for a wheelchair user of 1.5m free of any obstruction	☐ YES ☐ NO		Part III 34 (2)
3	The pathway is without any changes in level to the latrine entrance. Where change of level exists, it is connected with a horizontal landing area (1.7 x 1.5m) at the same level as the interior floor level of the facility	☐ YES ☐ NO Landing space () m X () m		Part III 35 (1)(2)(3)
4	The pit latrine has a clear door opening of 1.2m* and not less than 0.9m. (*In this case, a two-leaf door 0.2m +1.0m)	() m ☐ YES ☐ NO		Part III 36 (3) MOES recommendation
5	A pit latrine room has a smooth running door, with a handle and lock that is easy to operate and grasp with one hand.	Smooth running door ☐ YES ☐ NO Handle/lock easy to operate with one hand ☐ YES ☐ NO		Part III 37 (1)

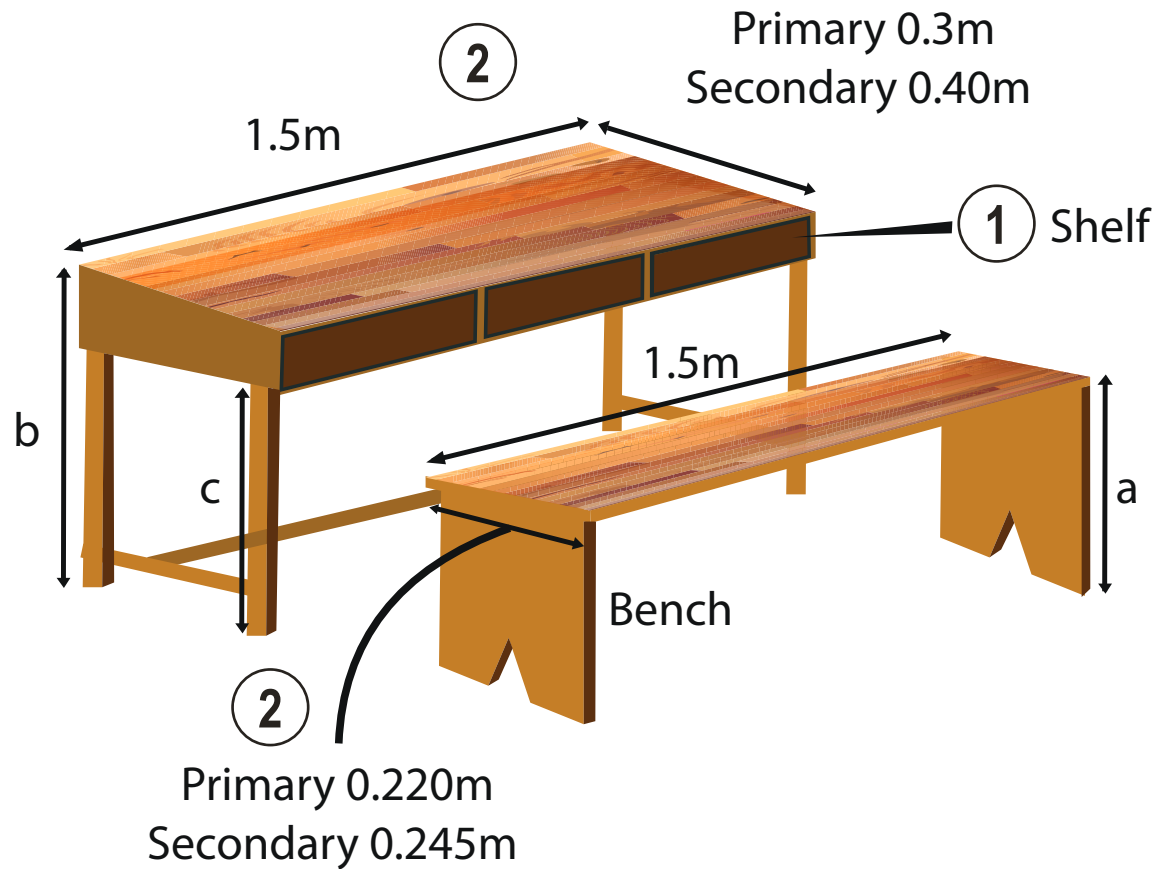
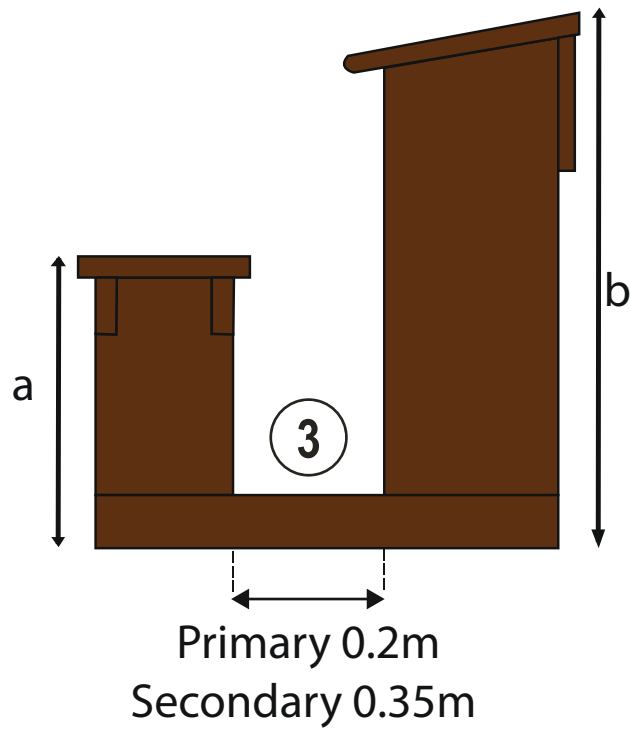
06 Pit Latrine



06 Pit Latrine

	Standards	Check your current situation Answer YES or NO Measure if needed	Additional notes/ comments	Reference
6	The distance between the handle and vertical door surface is minimum 50mm and a pull back handrail inside the door.	☐ YES ☐ NO		Part III 37 (2)
7	The door is opening outwards	☐ YES ☐ NO		Part III 37 (3)
8	A pit latrine room has double handrails for support, of diameter of 50mm, fixed on each side of the latrine.	Grab rail: ☐ Yes ☐ No On each side: ☐ Yes ☐ No		Part III 38 (1)
9	A handrail shall be fixed along one side of the latrine to support a person with disability walking from the door side to the latrine. The handrail attached to the outside wall for support while opening the door	☐ YES ☐ NO		Part III 38 (2)
10	A pit latrine room have two identical latrine seats over the latrine hole and each latrine seat is identical and have a maximum height of 0.41m from floor surface.	() m ☐ YES ☐ NO		Part III 39 (1)
11	The pit latrine seat is made of cemented plastered bricks or concrete and the edges are not sharp.	☐ YES ☐ NO		Part III 39 (2)
12	The pit latrine seat is painted using water proof paint for easy cleaning and the paint is regularly maintained.	☐ YES ☐ NO		Part III 39 (3)
13	The accessible pit latrine room has the universally accepted symbol for accessibility displayed outside.	☐ YES ☐ NO		Part III 40
14	The corridors inside the pit latrine room is not less than 1.5m	() m ☐ YES ☐ NO		Part III 41
15	A hole is placed high up on the wall of a pit latrine room for ventilation and light.	☐ YES ☐ NO		Part III 42
16	The floor surface is made of concrete and non-slippery materials and slope towards the latrine hole, from all corners to make sure splashing of water, urine and refuse go to the hole and do not stay on the floor.	☐ YES ☐ NO		Part III 43

07 Furniture



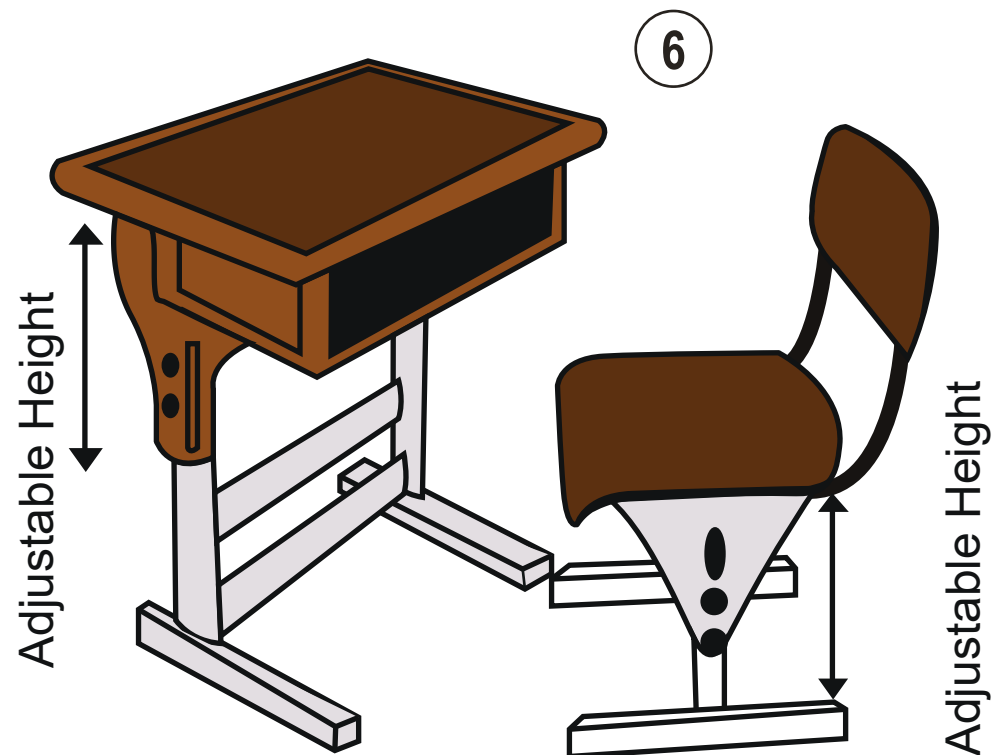
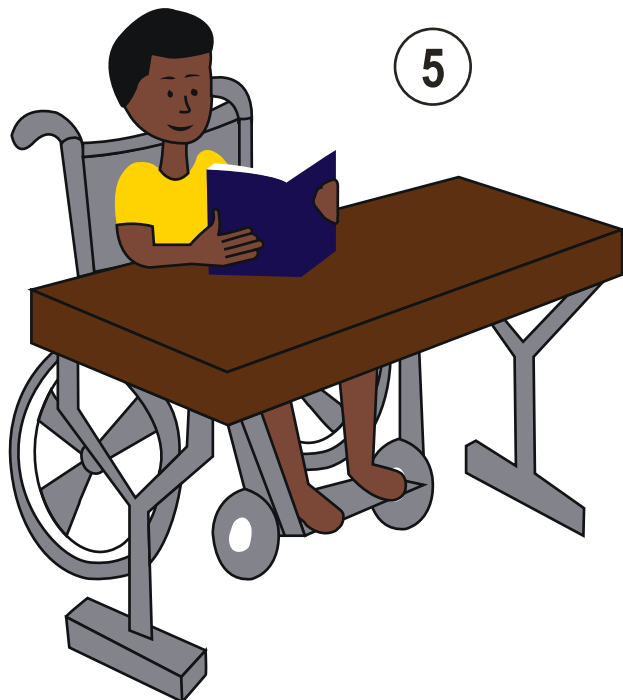
4

CLASS	a	b	c
P.1 - P.3	0.30m	0.52m	0.41m
P.3 - P.5	0.34m	0.58m	0.47m
P.5 - P.7	0.38m	0.64m	0.53m
S.1 - S.6	0.45m	0.77m	0.55m

07 Furniture

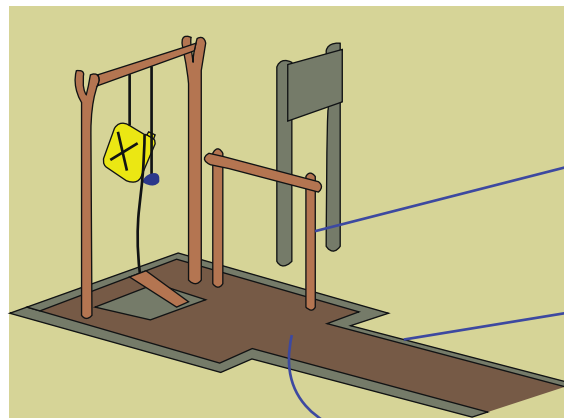
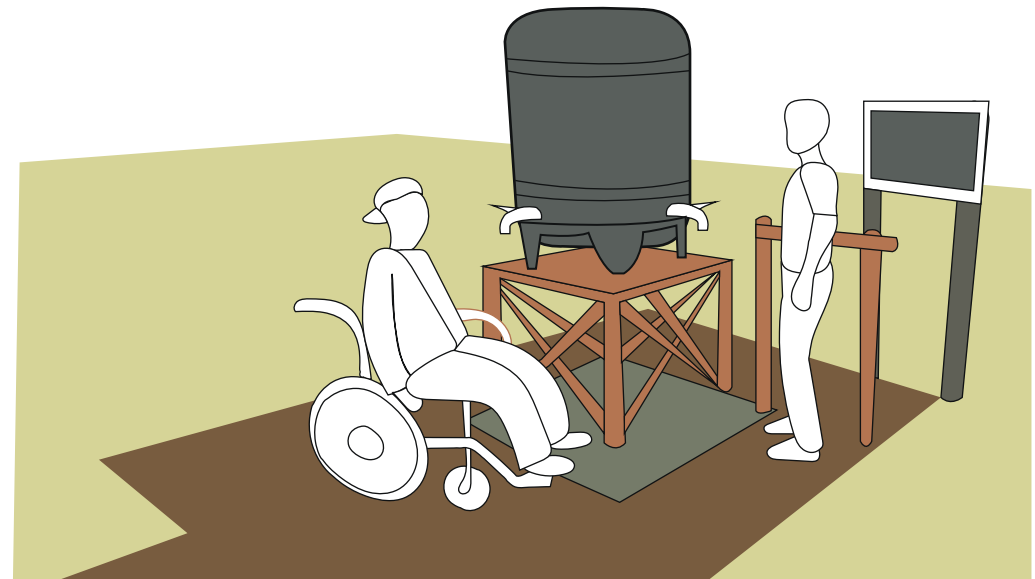
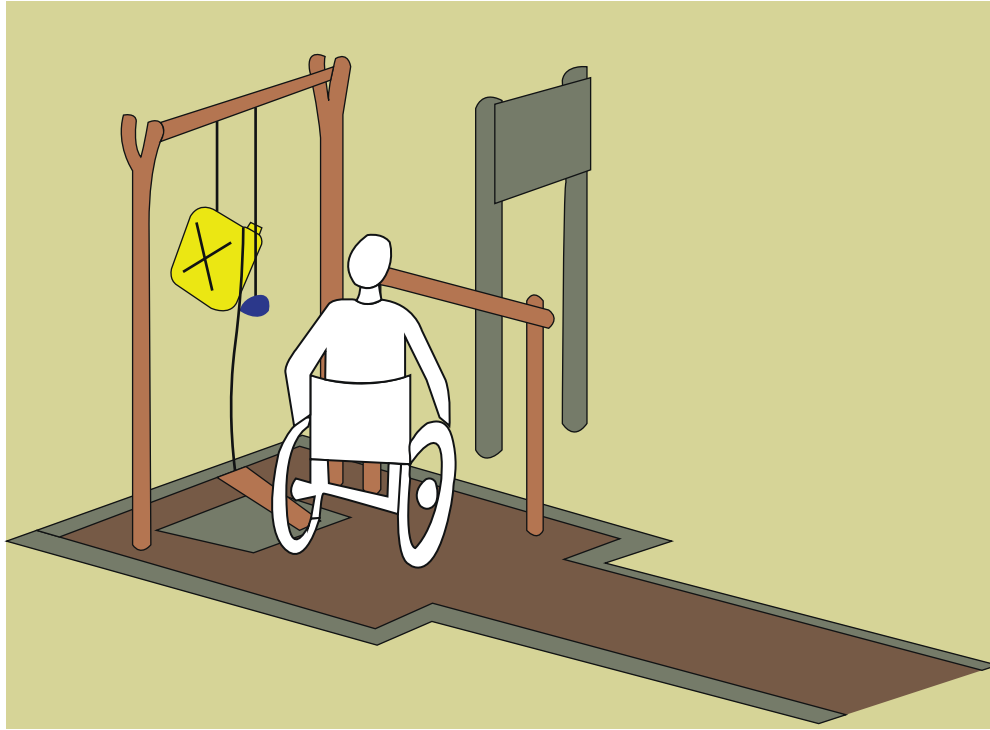
	Standards	Check your current situation Answer YES or NO Measure if needed	Additional notes/ comments	Reference
3 seaters desk				
①	Desk has a shelf or storage space underneath	☐ YES ☐ NO		CMU, MOES, Nov 2022, SS-DET-06, and rc/sfg0506/67(GA)
For primary school				
②	Desk size 1.5m x 0.30m bench size 1.5m x 0.220m	☐ YES ☐ NO		MOES School Facilities Grant Rural Designs RC/SFG05-06/65(GA) Sep 2005
③	Space between desk and seats 0.20m	☐ YES ☐ NO		MOES School Facilities Grant Rural Designs RC/SFG05-06/65(GA) Sep 2005
④	P1-P3 height of bench 0.30 m, height of desk 0.52m, vertical clearance below desk 0.41m	☐ YES ☐ NO		MOES School Facilities Grant Rural Designs RC/SFG05-06/67(GA) Sep 2005
	P3-P5 height of bench 0.34m, height of desk 0.58m, vertical clearance below desk 0.47m	☐ YES ☐ NO		MOES School Facilities Grant Rural Designs RC/SFG05-06/67(GA) Sep 2005
	P5-P7 height of bench 0.38m, height of desk 0.64m, vertical clearance below desk 0.53m	☐ YES ☐ NO		MOES School Facilities Grant Rural Designs RC/SFG05-06/67(GA) Sep 2005
For secondary school				
②	Desk size 1.5m x 0.40m bench size 1.5m x 0.245m	☐ YES ☐ NO		CMU, MOES, Nov 2022, SS-DET-07
③	Space between desk and seats 0.35m	☐ YES ☐ NO		CMU, MOES, Nov 2022, SS-DET-06, SS-DET-07
④	Vertical clearance below desk to the floor: 0.55 m	☐ YES ☐ NO		CMU, MOES, Nov 2022, SS-DET-06
	S1-S6 height of bench 0.45m, height of desk 0.77m	☐ YES ☐ NO		CMU, MOES, Nov 2022, SS-DET-06

07 Furniture



	Standards	Check your current situation Answer YES or NO Measure if needed	Additional notes/ comments	Reference
⑤	Detached desk and seats are available; Quantity at least 10% of the total enrolment	☐ YES ☐ NO		MOES recommendation
⑥	Height adjustable desks area available: Quantity at least 10% of the total enrolment	☐ YES ☐ NO		MOES recommendation

08 Handwashing facilities

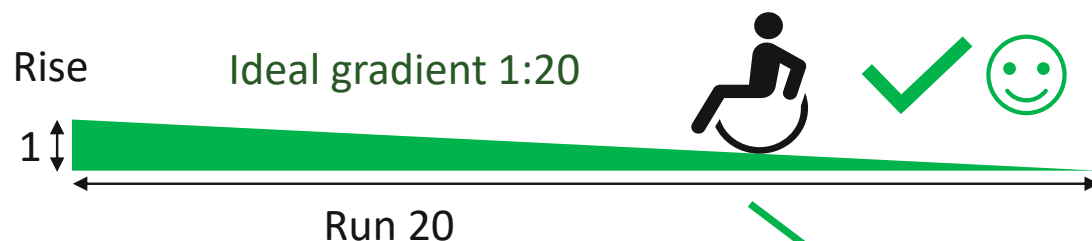


Support handrail

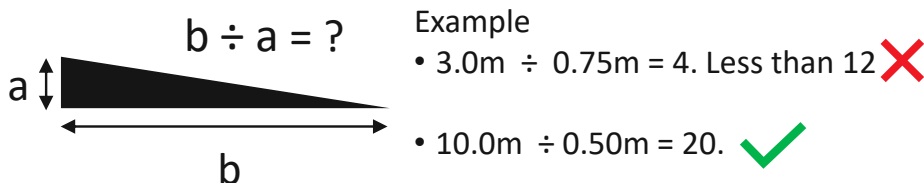
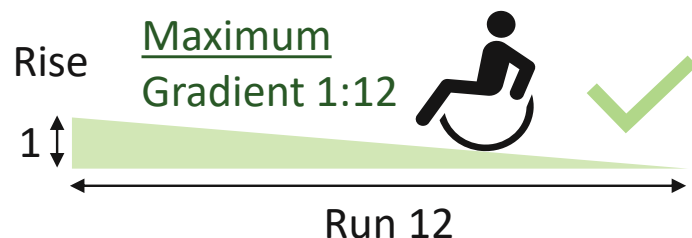
Raised border

Flat surface with turning space

Additional Information for Ramps (Ref: page 11-14)



Caution! Engineers need to consider space and topography on the construction site in a school, to design the ramp orientation and to achieve 1:20 slope.



Maximum slope		Maximum length between landings	Maximum rise	Acceptable
1:20	5%	10 m	0.50 m	
1:16	6.25%	6 m	0.375 m	
1:14	7.14%	3.5 m	0.25 m	
1:12	8.33%	2.26 m	0.188 m	
1:10	10%	--	--	Not acceptable
1:08	12.5%	--	--	

Slope 1:20 etc. in the above table shows a ratio of rise and run, not the actual length.

To calculate the slope...

Step 1) Measure the height (a), and the length along the bottom of the ramp (b).

Note: A unit of measurement should be the same. If you measure the height in meter, measure the length in meter.

Step 2) Divide the length by the height ($b \div a$)

Step 3) If the answer is 20 or higher, the gradient is ok. If less than 12, the ramp does not meet the standards. Too steep. Re-design the ramp.

Annex: Gap analysis and recommendations

Steps	Gap	Recommendation
—	—	Refer to the 2019 Building Control Code (BCC) throughout the process especially during planning and implementation by both physical planning and building committees
Needs assessment (construction site survey)	Not participatory with students, teachers, the District Education Office (DEO), etc., hence not reflecting accessibility problems. Survey results not certified or validated by school personnel	Schools to conduct participatory assessment to identify needs, involving key actors
Design (drawings and Bill of Quantity (BOQ))	- Standard designs (MOES drawings and BOQs) exist but... - Made before the 2019 BCC – not updated - Standard designs do not fit all schools, due to different topography. Yet customization or adaptation of the standard designs is not done - Lack of coordination and communication between the physical planning committee and the building committee, resulting in the drawings and BOQs that do not reflect real situation and needs from schools (from needs assessment/site survey). - Inappropriate drawings and BOQs lead to lack of funds leave out accessibility provisions thus failure to comply with appropriate standards.	MOES to update the standard drawings and avail the revised drawings to partners Entities to ensure use of qualified engineer in designing works MOES (district/school), Ministry of Local Government and District Local Government to promote customization of the standard drawings, to reflect the real environments and needs
Approval	- Building Committees (members are defined by the Building Control Act 2013) is not established at all or established but not fully functional. - Building Committees approve the design without confirming compliance with the 2019 BCC due to attitude/ignorance of BCC. Due to this, recommendations are not relevant, and not prioritizing critical accessibility components.	National Building Review Board to instruct all districts to establish Building Committees and strengthen its supervisory roles to ensure functioning of Building Committees MOES, Ministry of Works and Transport, Ministry of Local Government, and District Local government to provide full induction and training on BCC for all Building Committees members

Steps		Gap	Recommendation
		Approval is only taking place once a month	Local Government to improve internal efficiency so as to accelerate the approval process of building designs, drawings and plans
BOQ shared with district engineers		Compliance with the 2019 BCC is not checked	Entities responsible for construction/refurbishment to share unpriced BOQ with all required partners (OPM, MOES, DEO, LC, CAO, RWC, UNHCR, etc.)
Procurement of engineers and materials		Compliance with the 2019 BCC is not checked Lack of funds for full procurement as per requirements due to inappropriate planning and approvals	Responsible entities (MOES, District Local Government, and Ministry of Local Government) to take keen interest in ensuring compliance with BCC
During construction		Technical inspection and joint monitoring are not done in a way to involve key actors. They do not follow the 2019 BCC e.g. because school personnel are not aware of it	Qualified engineers to supervise works Local Gov Planning Unit, MOES (construction and planning unit, SN/IE Department), OPM and UNHCR to be involved in technical inspection and adhere to BCC Participatory joint monitoring to take place complying with BCC
Occupation permit		Inspection for an occupation permit is not done in line with 2019 BCC; fees expensive or applied inconsistently; slow process	Involve District Local Government in the inspection for occupation permit
Handover		Compliance with the 2019 BCC not checked	Disseminate and apply the regulations for standardized fees regardless of types of applying organization. Note: Gov project should not be charged. This requires organizations /partners to engage government at start of construction plans
Note: * Some variations depending on the actors and district (e.g. OPM in settlements)			



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School Accessibility Companion Guide to the 2019 Building Control Code 2022

Ministry of Education and Sports
Department of Special Needs and Inclusive Education

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