

Provisions

1.26 A ramped access will satisfy Requirement M1 or M2 if:

- either it is readily apparent and the approach to it is clearly sign-posted;
- the gradient of a ramp flight and its going between landings are in accordance with Table 1 and Diagram 3;
- no flight has a going greater than 10m, or a rise of more than 500mm;

Table 1 Limits for ramp gradients

Going of a flight	Maximum gradient	Maximum rise
10m	1:20	500mm
5m	1:15	333mm
2m	1:12	166mm

Note:
For goings between 2m and 10m, it is acceptable to interpolate between the maximum gradients, i.e. 1:14 for a 4m going or 1:19 for a 9m going (see Diagram 3).

Diagram 3 Relationship of ramp gradient to the going of a flight

The graph shows a linear relationship between the going of a flight (x-axis) and the maximum gradient (y-axis). The x-axis has markers at 2m, 5m, and 10m. The y-axis has markers at 1:12, 1:15, and 1:20. A solid line connects the points (2, 1:12) and (10, 1:20). Dashed lines extend from the intermediate points (4, 1:14) and (6, 1:16) to the axes.

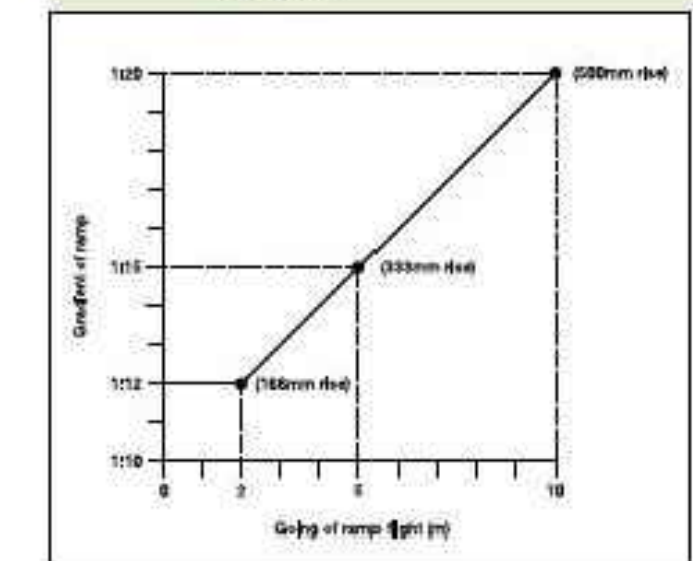
- the ramp surface is slip resistant, especially when wet, and of a colour that contrasts visually with that of the landings;
- the frictional characteristics of the ramp and landing surfaces are similar;
- there is a landing at the foot and head of the ramp at least 1.2m long and clear of any door swings or other obstructions;
- any intermediate landings are at least 1.5m long and clear of any door swings or other obstructions;
- intermediate landings at least 1800mm wide and 1800mm long are provided as passing places when it is not possible for a wheelchair user to see from one end of the ramp to the other or the ramp has three flights or more;
- all landings are level, subject to a maximum gradient of 1:60 along their length and a maximum cross-fall gradient of 1:40;
- there is a handrail on both sides;
- there is a kerb on the open side of any ramp or landing at least 100mm high, which contrasts visually with the ramp or landing in addition to any guarding required under Part K;
- clearly sign-posted steps are provided, in addition, when the rise of the ramp is greater than 300mm (equivalent to 2 x 150mm steps).

Note:
For goings between 2m and 10m, it is acceptable to interpolate between the maximum gradients, i.e. 1:14 for a 4m going or 1:19 for a 9m going (see Diagram 3).

A line graph showing the relationship between the depth of a ramp (grip) and its gradient. The x-axis is labeled 'Depth of ramp (grip) [m]' and ranges from 0 to 10 with major ticks every 2 units. The y-axis is labeled 'Gradient of ramp' and ranges from 110 to 120 with major ticks every 1 unit. A straight line is plotted through three points: (2, 112), (6, 115), and (10, 120). Each point is labeled with its corresponding depth value: '240mm (2m)', '630mm (6m)', and '930mm (9m)' respectively.

Depth of ramp (grip) [m]	Gradient of ramp
2	112
6	115
10	120

- d. there is an alternative means of access for wheelchair users, e.g. a lift, when the total rise is greater than 2m;
- e. it has a surface width between walls, upstands or kerbs of at least 1.5m;



- Rev. E - Additional step to bottom of flight
- Rev. D - Ramp added
- Rev. C - Level Access Requirements
- Rev. B - Windows & Doors Altered
- Rev. A - Bldg Regs amendments

Drawing prepared for the purpose of Planning Permission and/or Building Regulation approval.

All dimensions to be checked on site before works commence.

Internal room layouts and fittings to client's requirements.

Actual boundary lines to be confirmed on site between parties concerned prior to commencement of work and no part of the new construction to project over the boundary.

Underground services may have been assumed and therefore they should be located prior to commencement.

Project	Proposed Extension & Alterations Hinckley Town Cricket Club Leicester Road Hinckley Leicestershire LE10 3DR
---------	---

Drawing	Existing & Proposed Floor Plans
Drawing Ref:	Building Regulations 02
Scales	1:100 at A1

Date	August 2024
------	-------------

**Brooks
Building
Plans**

Barry Brooks Tel. 07879 655 641



**Brooks
Building
Plans**

Barry Brooks Tel. 07879 655 6