

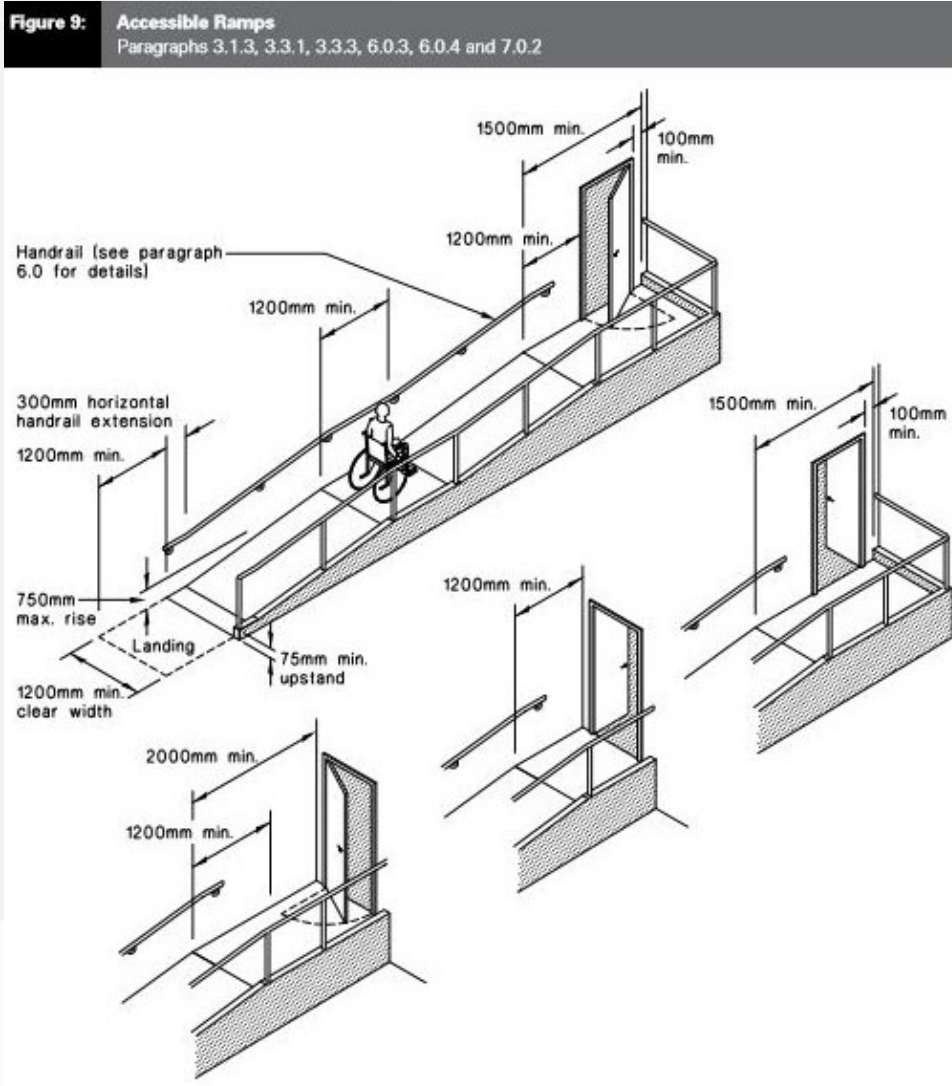
# Hot Design Tips

## NZBC Clause D1 - Access Routes - Handrails for Stairways and Ramps

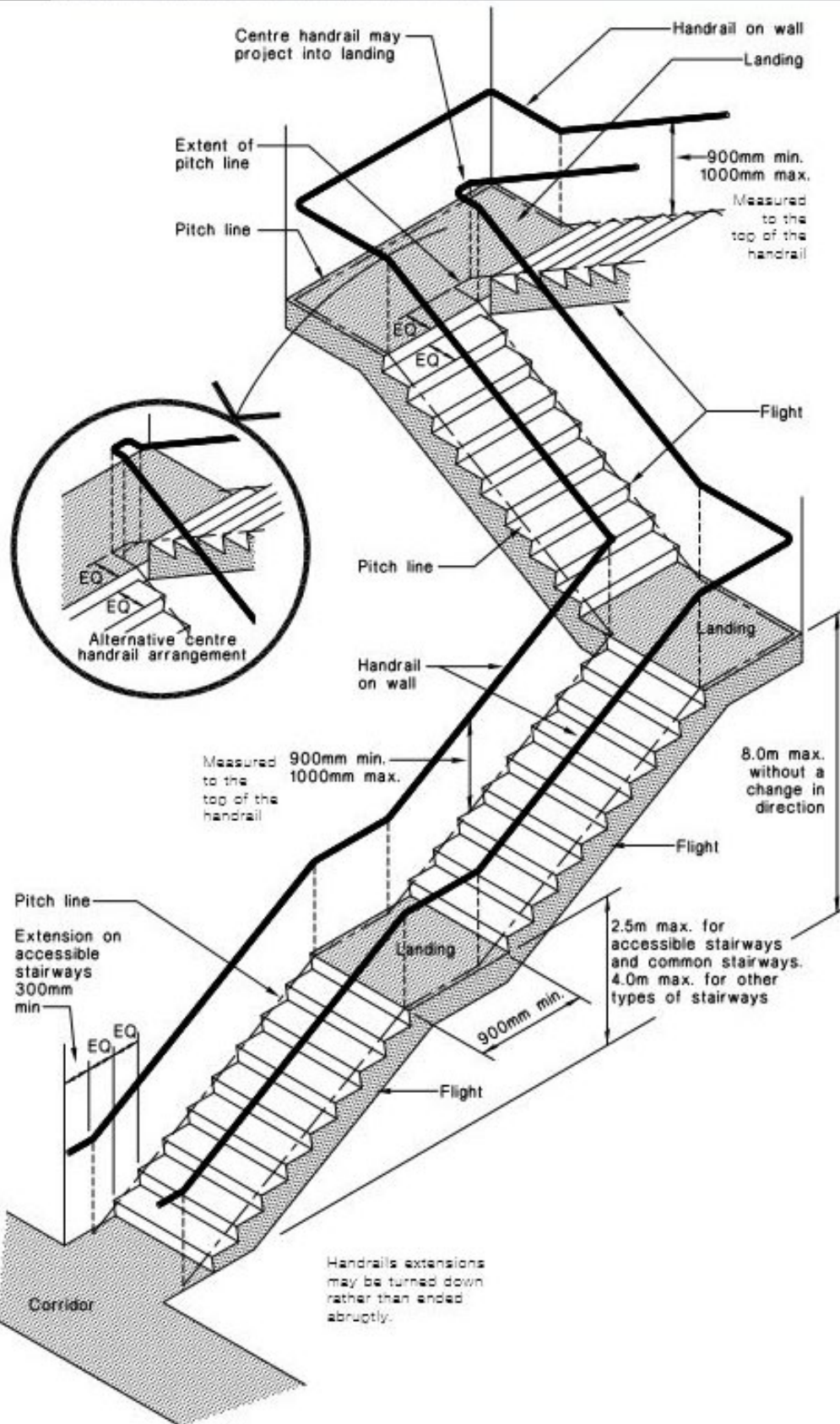
Under NZBC Clause D1 (Access Routes), *Handrails* shall be provided on both sides of *accessible stairways* and on both sides of *accessible ramps* where the ramp slope is steeper than 1 in 20. The *handrails* shall be continuous except where doors are located on landings. This is shown below in Figure 9 and 25.

*Handrails* shall also have the same slope as the *pitch line*, begin no further than the second riser from the lower end of the *stairway*, and extend the full length of the *stairway* they serve. Except that, where the *handrail* serves an *accessible stairway* or *accessible ramp*, a minimum of 300mm horizontal extension shall be provided at each end of the *handrail*, also shown below in figures 9 and 25.

The first riser shall be located a sufficient distance back from the corner where the two walls meet, to accommodate the extended *handrail*, as shown in figure 25.



**Figure 25: Handrails and Landings for Stairways and Ramps**  
Paragraphs 1.5.2, 4.3.2, 6.0.2, 6.0.3, 6.0.4 and 6.0.5



The image below shows our Assistrail AR45 product on a 30° stair with the handrail turned through 180° closure bend at the top & bottom of the stair.

