



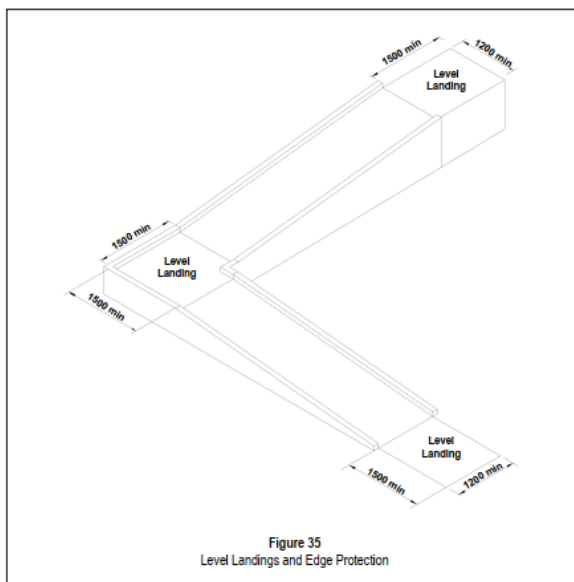
Ramp Construction Considerations

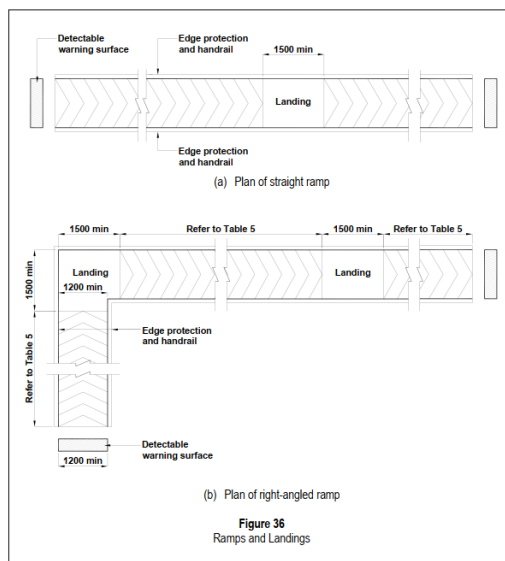
- **Intended Users (width & length):**
 - Manual wheelchair
 - Power wheelchair
 - Mobility Scooter
 - Walker users
- **Available Space and Location:**
 - Vertical rise (height from the ground to the destination point)
 - Available ramp space
 - horizontal length (run)
 - width
 - Available landing (length & width)
 - Layout
 - straight
 - L-shaped
 - bridge
 - Location
 - Toilet
 - Room
 - Outdoor
 - Existing obstacles like landscaping or pathways that might affect the ramp's path.
- **Building & Construction Authority codes 2019**

TABLE 4
Changes in Levels

Changes in Vertical Rise (mm)	Gradient not steeper than
0 to 15	1 : 2
more than 15 to 50	1 : 5
more than 50 to 200	1 : 10
Exceeding 200	1 : 12

- Minimum width: 1200mm
- Slip-resistant
- Level landing





- Handrail is to be installed on both sides for a rise of 175mm ramp run, at a height of 800mm-900mm above floor level
- Edge protection of a minimum of 75mm
- **Materials**
 - **Wood** Requires weather-resistant treatment and regular maintenance to prevent rot.
 - **Aluminium**