## 3.3.3 Surface water drainage

[2019: 3.1.3.3]

*Surface water* must be diverted away from a Class 1 building as follows:

(a) Slab-on-ground — finished ground level adjacent to a building: the external finished surface surrounding the slab must be drained to move *surface water* away from the building and graded to give a slope of not less than (see Figure 3.3.3a) —

(i) 25 mm over the first 1 m from the building—

(A) in *low rainfall intensity areas* for surfaces that are reasonably impermeable (such as concrete or clay paving); or

(B) for any reasonably impermeable surface that forms part of an access path or ramp provided for the purposes of Clauses 1.1(2) or (4)(c) of the ABCB Standard for Livable Housing Design; or

(ii) 50 mm over the first 1 m from the building in any other case.

(b) Slab-on-ground — finished slab heights: the height of the slab-on-ground above external finished surfaces must be not less than (see Figure 3.3.3a) —

(i) 100 mm above the finished ground level in *low rainfall intensity areas* or sandy, well-drained areas; or

(ii) 50 mm above impermeable (paved or concrete) areas that slope away from the building in accordance with (a); or

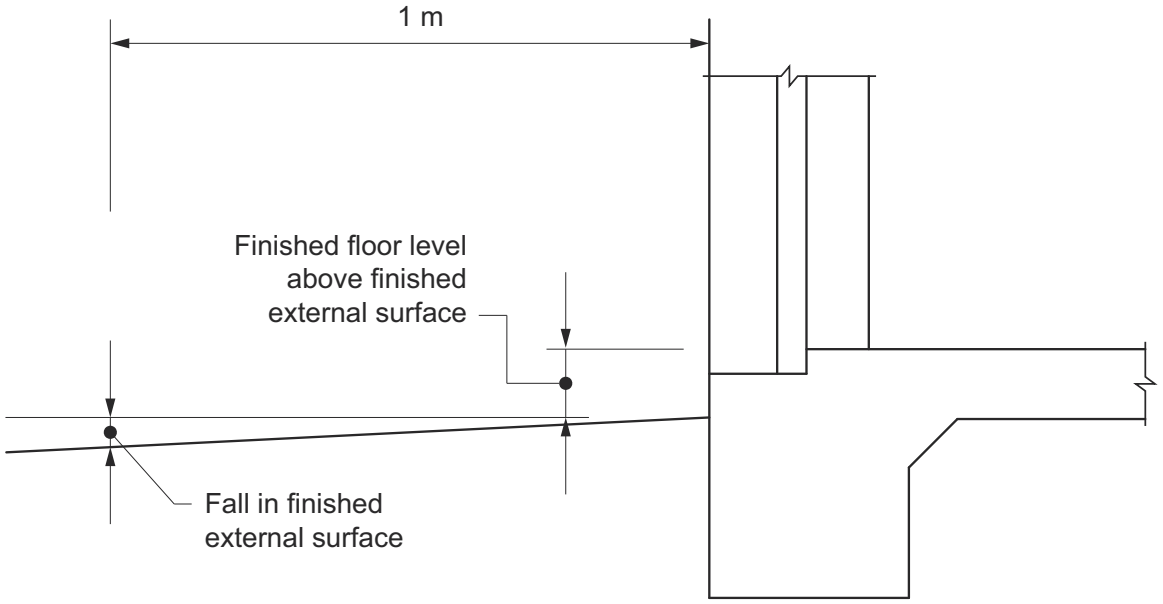
(iii) 150 mm in any other case.

(c) The ground beneath suspended floors must be graded so that the area beneath the building is above the adjacent external finished ground level and *surface water* is prevented from ponding under the building (see Figure 3.3.3b).

**Limitations**

3.3.3 does not apply to a landing area provided for the purposes of Clause 2.3 of the ABCB Standard for Livable Housing Design, except for a channel drain or drainage surface provided under Clause 2.4 of that standard.

**Figure 3.3.3a: Site surface drainage**




**Elevation**

**Figure Notes**

(1) For fall in finished external surface, see 3.3.3(a).

(2) For finished floor level above finished external surface, see 3.3.3(b).