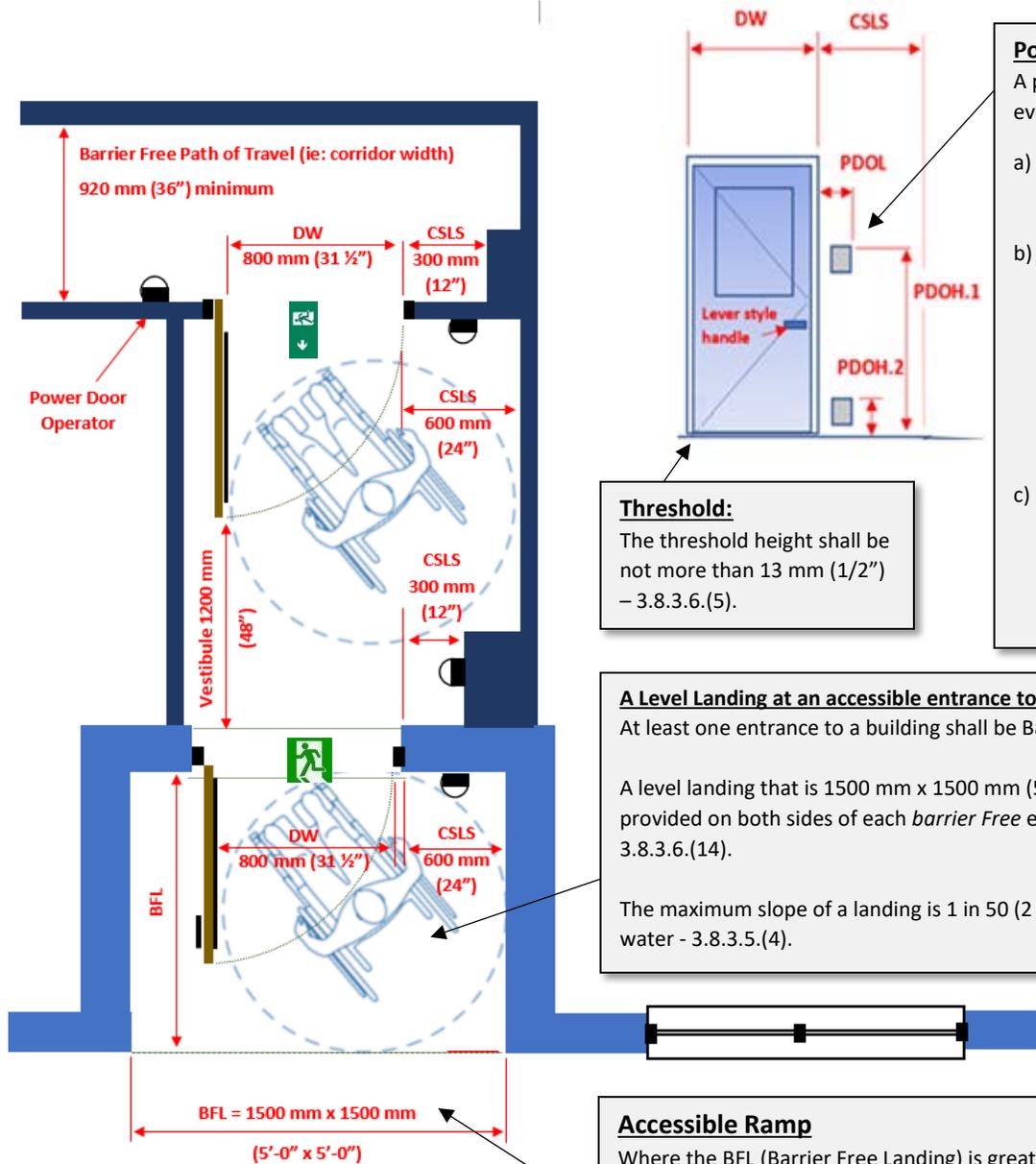


Accessible / Barrier Free Entrance Design

As required by the 2022 Nova Scotia Building Code Regulations (Accessibility Schedule "C") & the 2015 National Building Code of Canada



Power Door Operator:

A power door operator is required on every Barrier Free entrance where:

- The entrance is for a Hotel, Group B - Care or Treatment occupancy (i.e. a Care Home),
- The building or suite is more than 500 m² (5,382 ft²) in building area and contains a Group A - Assembly (i.e. Restaurant), a Group D - Business & Personal Services (i.e. Office), or a Group E - Mercantile (i.e. Store) occupancy, or
- Where it takes more than 38N (8 ½ lbs) of force to operate an exterior, or 22N (5 lbs) of force to operate an interior or sliding Barrier Free door.

Threshold:

The threshold height shall be not more than 13 mm (1/2") - 3.8.3.6.(5).

A Level Landing at an accessible entrance to a building:

At least one entrance to a building shall be Barrier Free - 3.8.2.2.(1). and (2).

A level landing that is 1500 mm x 1500 mm (5'-0" x 5'-0") in area shall be provided on both sides of each barrier Free entrance - 3.8.3.5.(1)(c). and 3.8.3.6.(14).

The maximum slope of a landing is 1 in 50 (2 %) where designed to drain rain-water - 3.8.3.5.(4).

Accessible Ramp

Where the BFL (Barrier Free Landing) is greater than 13 mm (1/2") above the ground, sidewalk or exterior parking area, an "Accessible Ramp" or walkway is required leading up to the BFL (Barrier Free Landing).

Please refer to an additional handout for the required details pertaining to an "Accessible Ramp".

Short Description	Description	Minimum	Maximum	Code Reference
BFL	Barrier Free Landing	1500 x 1500 mm (5' x 5')	No Limit	3.8.3.5.(1)(c).
CSLS	Clear Space Latch Side	300 mm (1'-0") door swings away or 600 mm (2'-0") door swings towards	No Limit	3.8.3.5.(1)(c).
DW	Doorway width (clear space)	800 mm (2'- 7 1/2" or 31 ½")	No Limit	3.8.3.6.(2).
PDOL	Power Door Operator Location	300 mm (1'-0")	1500 mm (5' or 60")	3.8.3.6.(6)(a).
PDOH.1	Power Door Operator Height - 1	900 mm (3'-0" or 36")	1100 mm (3'-7" or 43")	3.8.2.7.(1). and 3.8.3.6.(6)
PDOH.2	Power Door Operator Height - 2	150 mm (6")	300 mm (1'-0" or 12")	3.8.2.7.(1). and 3.8.3.6.(6)