LIHAKI STAIR CHART

	TOWER	APPLICATIONS			FIRE ESCAPES &	PERMISSIBLE PEOPLE PER LIFT	
(Load class)		LIGHT DUTY (Note: F)	MEDIUM DUTY	HEAVY DUTY	PUBLIC EVENTS	(1kN ~ 100kg ~ 1 person)	
	COMPACT STAIR TOWER SWL 1kN/m2	[☑ YES	⋈ NO	⋈ NO	⋈ NO	1 Note A	Note A
	COMPACT STAIR TOWER (MK2) SWL 4kN/m2	☑ YES	[∕] YES	[∕] YES	⋈ NO	5 Note G	Note B
	TRADITIONAL STAIR TOWER (MK1) SWL 4kN/m2 SYMMETRICAL STAIR TOWER (MK2) SWL 4kN/m2	. ☑ YES	[∕] YES	[∕] YES	⋉ NO	7 Note B	Note B
	TWIN STAIR TOWER (MK2) SWL 4kN/m2	☑ YES	[√ YES	[∕ YES	⊠ NO	10 Note B, C & D	Note B, C & D
	PUBLIC & EVENTS ACCESS STAIR TOWER (PAS) SWL 5kN/m2	☑ YES	[∕] YES	[∕] YES	[Z∕j YES	10 (1.0mH×1.250W) 13 (1.0mH×1.655W) 16 (1.0mH×1.964W) 15 (1.5mH×1.250W) 20 (1.5mH×1.655W) 24 (1.5mH×1.964W) Note E 20 (1.0mH×1.655W) 31 (1.5mH×1.655W) Note E	Note E

This chart should be used as guidance only. Each application needs to be considered on its own merits.

NOTES

- A. Based on a fully loaded flight unit.
- **B.** 4 people per landing + 3 people per flight. (Applies to 1m, 1.5m and 2m flights)
- C. People on landings omitted for clarity.
- Refer to the red number for permissible people.
- **D.** Ignoring returning landing bays. E. Based on fully loaded tread units, ignoring landings. Refer to the red number for permissible people. For H: 1m height = L: 1.655m length. For H: 1.5m height = L: 2.5m length.
- W stands for width. F. Occasional use, inspections, light maintenance work, etc.
- G. Based on a fully loaded flight and landing.

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