Five F1b profiles lie within 0.5 m

Additional round-trip shortening needed under unchanged rules / saved-score replay



Retained curved-room section / saved return snapshot

N1 mark: 556 mm forward / 30.0 mm right. No new geometry.

The image is a reference snapshot, not a proposed shortened path.

A focused F1b test is worth screening.

C1 needs another 9.13-10.31 m: a major route change. For F1b, test whether 0.5 m can be removed from N1 trips across all 41 chair positions while retaining the original constraints. These are targets, not achieved gains.

All-condition shortfall

Exact budget-only virtual profiles / metres

C1 / 3 profiles — 9.134-10.313 m

F1b / 47 profiles — 0.365-10.371 m

0 2 4 6 8 10

Peach: median. Same values in both rooms.

Closest F1b cases / N1

Required saving to pass every saved condition

Profile 4882	0.365 m
Profile 3819	0.420 m
Profile 5816	0.457 m
Profile 3588	0.473 m
Profile 3573	0.483 m

Bars: 0 to 0.5 m / within 7,490 F1b profiles

0.5 m: 5 / 47 | 1.0 m: 8 / 47

N1 is eligible for 42 profiles. The other 5 need three peer links and use N5 in this screen. Shortening N1 alone cannot rescue those 5.