C1 / First pilot checklist

Nearby seat and return / 5.2 × 3.4 m local mockup

12 local chairs; both full designs retain 72 seats. No scent. Field aid: the C1 drawings and P1 procedure govern; use the two-page record.

Date _____ Mover ID _____ Shared setup revision _____

01 / Bring

- ☐ Two stable tables, 12 floor-supported chairs and one supported boundary, exchanged between B′72 and B72. Keep observers, spare items and support feet outside the route.
- ☐ C1 A3 drawings (4 pages, 1:20), A0 template (1:1), coordinates, P1 procedure and one two-page record per attempt, practice included. Allow 8 records per mover plus retry spares.
- ☐ Tape/laser, square, low-profile removable marks, seat labels, stopwatch and pens. Photograph or sketch the empty setup; video requires separate consent.

02 / Assign people and seats

- ☐ Base: 6 people = mover + 3 peers + facilitator (brief/cue/stop) + recorder. Chair A = T4/S6; chair B = T5/S4. Peers: T4/S1, S3, S4. T4/S2, S5 empty; all T5 seats initially empty. Reserve A/B.
- ☐ O1 adds 5 occupants at T5/S1, S2, S3, S5, S6 (11 people). T5/S4 free; T4/S2, S5 stay empty. Same people/seats in both layouts; no bags/mannequins as substitutes. B72 is a layout, not chair B.

03 / Install in this order

- ☐ Print at 100%, Fit/Shrink off. Check A3 O-X and O-Y = 50 mm each; A0 line = 100 mm and bold rail = 455 mm. Verify both directions and any tiled assembly.
- ☐ Measure real table/chair footprints, heights, chair weight/glides and floor. Use stable furniture on the floor; do not raise chairs to model Z20. Record differences under one shared proxy revision.
- ☐ Mark O at T4 centre; +X along its long axis, +Y to its left. Site O-X/O-Y = 1000 mm, X-Y = 1414.2 mm. Mark the two ±1000 mm control points before covering O (2000 mm apart).
- ☐ Place tables, then all 12 chairs from A3 page 3; label T4/S1-S6 and T5/S1-S6, matching facing angles. Match template rails only if the chair fits. Mark A/B rest and 300 mm-back references; never force that pull.
- ☐ Install the page-4 boundary: B′72 four outline points; B72 sixteen. Keep 140 mm thickness, 1100 mm height and stable supports. Tape alone changes the test.
- ☐ Survey, correct and photograph the setup. ±5 mm is only a setup/reset target. Keep furniture and all other conditions matched; exchange only the boundary outline and re-survey.

04 / Run matched blocks

- ☐ P01: B′72 first, then B72. Later odd IDs use that order; even IDs reverse it. Finish one layout block before changing the boundary. ID key: Bp = B′72; B = B72. Example: P01-Bp-E1.

PR → E1 → rest ≥2 min → E2 → rest → [O1, if eligible]

PR = unscored practice; E1/E2 = base trials. O1 = separate occupied trial, only if base runs leave no unresolved contact, instability or discomfort and the mover wishes to continue. If skipped, write NOT RUN + reason in the O1 sheet's outcome area; leave observations blank.

Rest after PR + E1 (at least 2 minutes), before O1 and after changing layouts. Record all rest lengths; extend on request. P1 does not specify the latter two durations. Rest/hold settings are not validated comfort limits.

05 / Brief, observe, reset

- ☐ Confirm voluntary participation/right to stop; read the P1 briefing. A stays pulled out while away; B is restored after leaving it. No coached side, grip, posture or taped route.
- ☐ Start seated at A, both chairs at rest. Say Go and time. After settling at B, hold 10 seconds; say Return. End seated back at A with both chairs restored, on declared finish, or on a stop; label the actual outcome.
- ☐ Record A pull, BOTH B pulls, route, contact, help and participant wording. Before reset, measure the largest foot/rail-point offset on each chair, including rotation. Reset A/B; check the other 10 chairs, peers, boundary and datum.

06 / Stop and decide

- ☐ STOP on request, discomfort, imbalance, shifting support or unexpected body contact, including a brush. Ordinary seat contact and intentional chair grip are expected. Help end the attempt if needed; record stage, reason, chair states and assistance.
- ☐ Keep outcomes distinct: unaided / assisted complete, reset incomplete, stopped, not run. One -R1 retry only after cause resolution, reset and agreement; retain the original. Compare E with E, O1 with matched O1. Physical changes need a new shared revision in BOTH layouts.