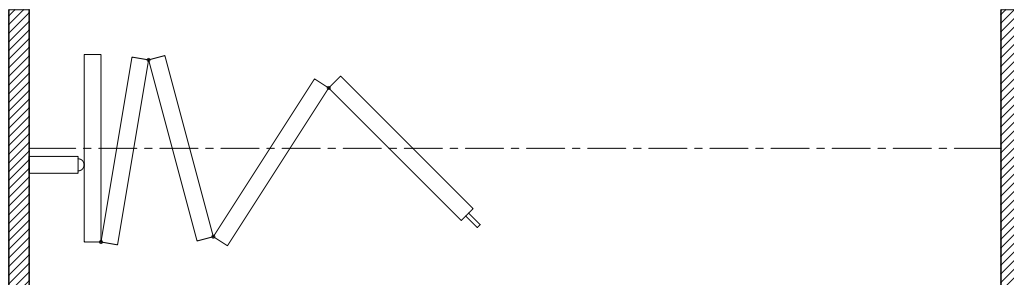




Technical Data Sheet Excel 743-E



Features & Options

Standard Features

- Electrically-operated continuously-hinged movable partition.
- Driven by #35 roller chain.
- STC 43, 48, 50, or 54.
- Steel faces laminated to gypsum board.
- 102 mm [4"] nominal thickness. 1230 mm [48 1/2"] maximum width.
- 18 ga. welded steel frame.
- Trimless vertical edges.
- Combination aluminum and vinyl tongue and groove vertical sound seals between panels.
- Final closure by lateral wall jamb.
- Type FA horizontal seals :
 - Fixed top sweeps
 - Automatic retractable bottom seals set as panels are deployed
 - bottom seals provide a 50 mm [2"] floor clearance
- Steel butt hinges.
- Clear-anodized 6063-T6 alloy aluminum track.
- Odd-numbered panels supported by one 4-wheeled carrier with steel tires over hardened steel ball bearing wheels.
- Vinyl wallcovering.
- Maximum height: 3733 mm [12'-3"]
Maximum length: 19810 mm [65'-0"]
- UL/ULC listed drive unit with NEMA-1 motor enclosure and controls and control enclosure conform to ANSI/NEMA ICS1, ICS 2 and ICS 6.
- 1.5 hp / 120 V / 1 ph / 60 Hz
- Travel controlled by limit switches.
- Operation by two simultaneously-activated key switches located on each side of the partition.

Optional Features and Accessories

- Protective edge trims on the entire perimeter.
- Powder-coated protective trims and/or track.
- Upgraded wallcoverings : fabric, vertically-ribbed carpet, or full-height marker board.
- Owner-supplied wallcovering (approval required).
- Final closure at pocket door.

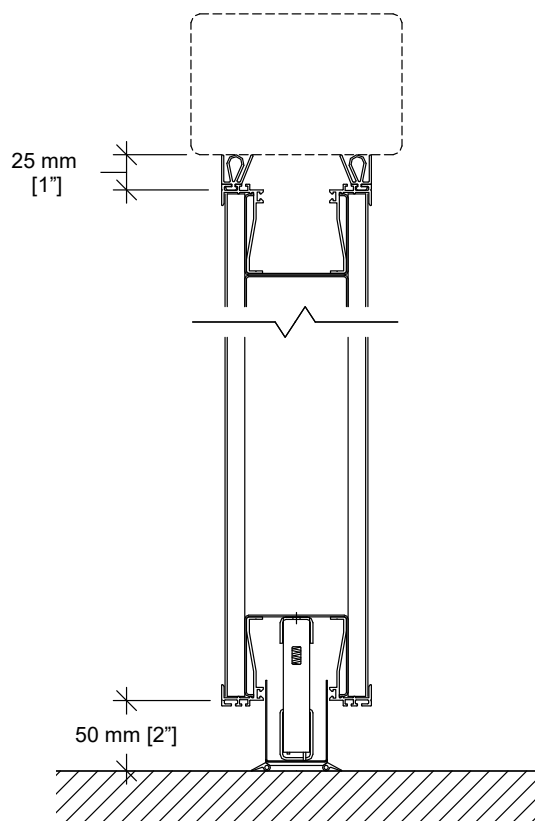
Optional Features and Accessories (cont'd)

- ADA-compliant pass door with flush pulls and roller latch.
- Door options:
 - concealed automatic closer
 - window frame
 - door viewer
 - self-luminescent exit sign with red (standard) or green (optional) faceplate *
 - "running man" self-luminescent exit sign with green faceplate *
 - deadbolt lock *

(An exit sign and a deadbolt lock will not be installed together on the same door.)*

- Surface-mounted white marker boards.
- Surface-mounted chalk boards.
- Surface-mounted natural cork tack boards.
- Eraser boxes.
- 3-section pocket door fitted with limit switches to prevent operation of the partition until the pocket door is fully opened.
- Emergency release allows manual operation during power outage.

Horizontal Seals

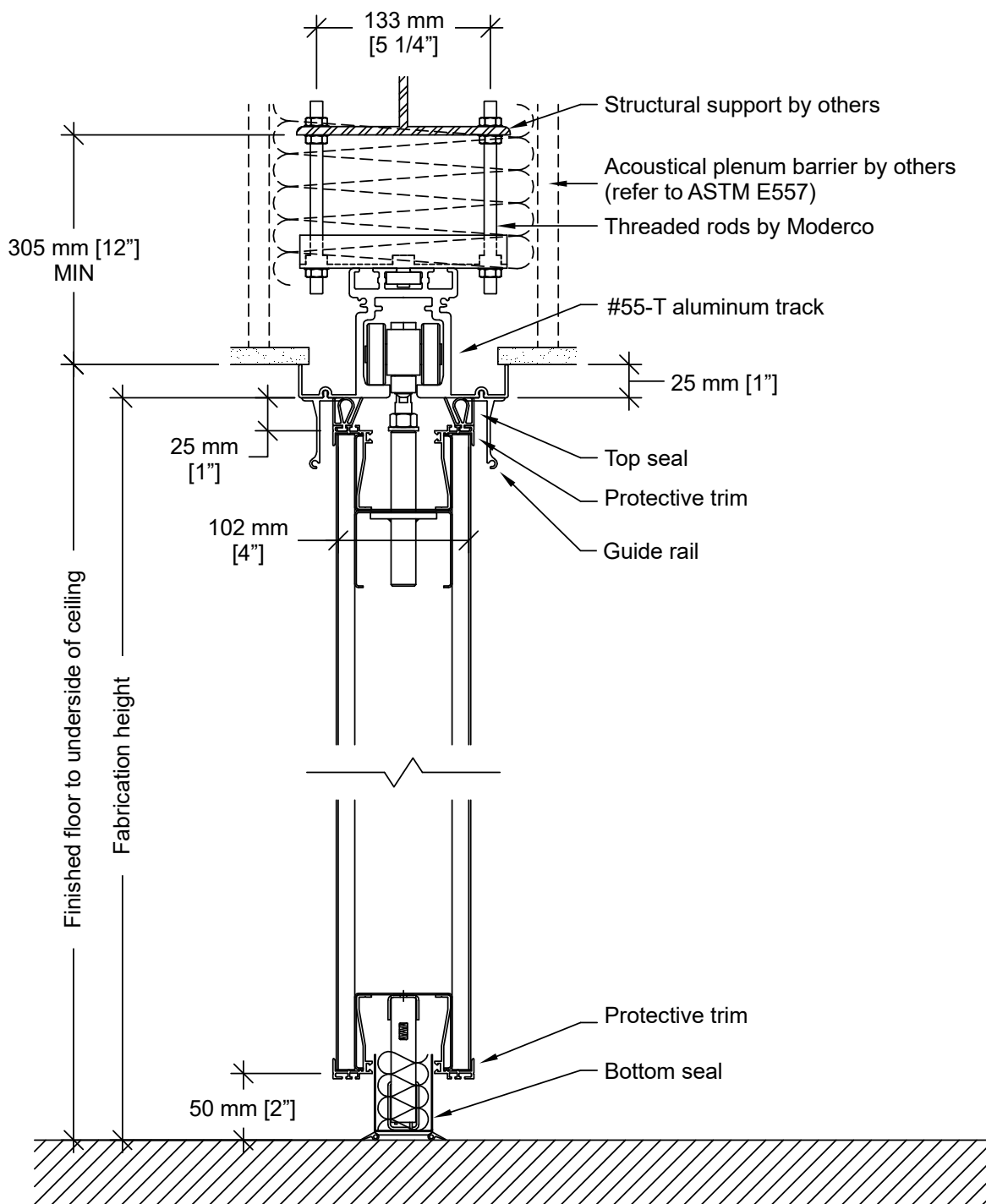


Type FA

Floor clearance : 50 mm [2"]

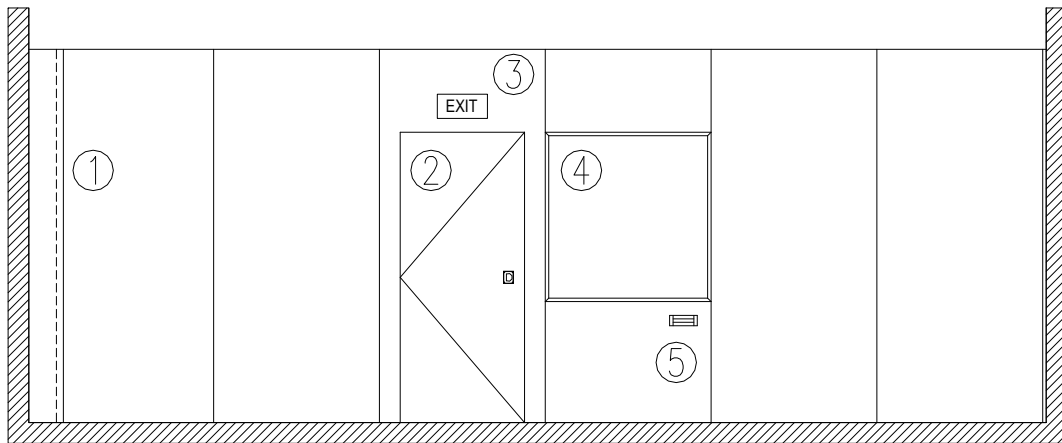
Operating tolerances :
+0 mm / -38 mm [+0" / -1 1/2"]

Vertical Section



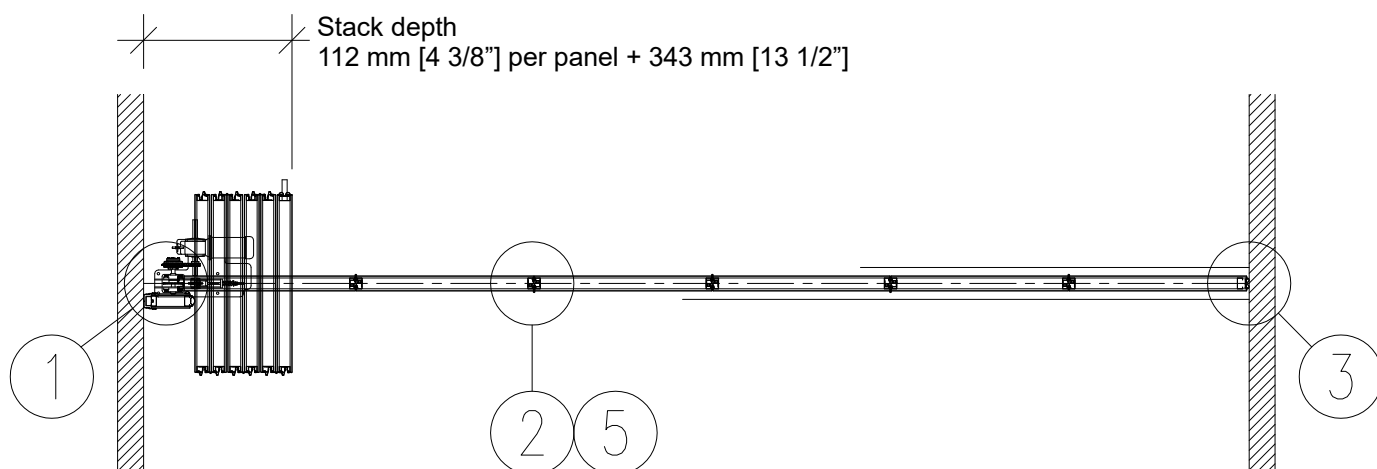


Elevation

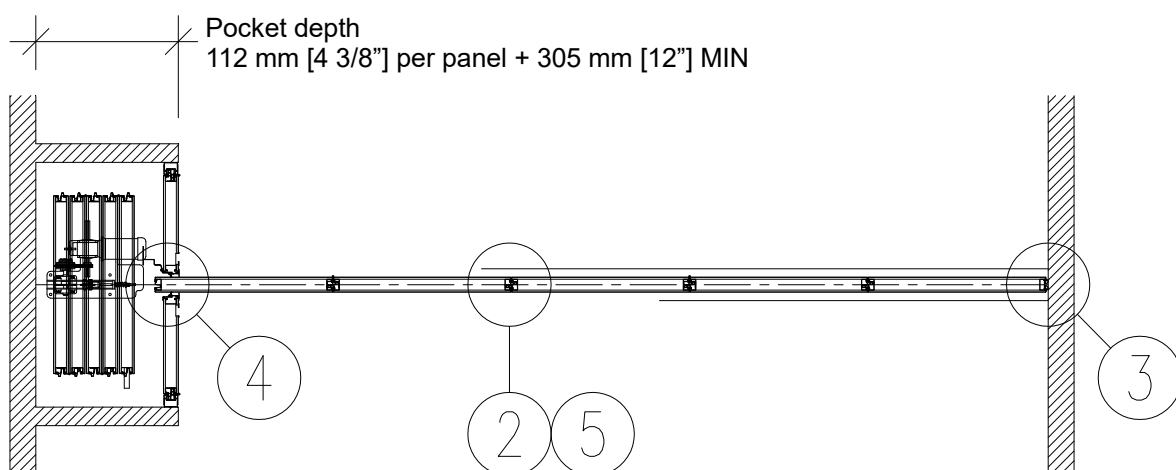


- | | |
|-------------------------------|-----------------|
| 1- Closure panel | 4- Work surface |
| 2- Single pass door | 5- Eraser box |
| 3- Self-illuminated exit sign | |

Plan Views

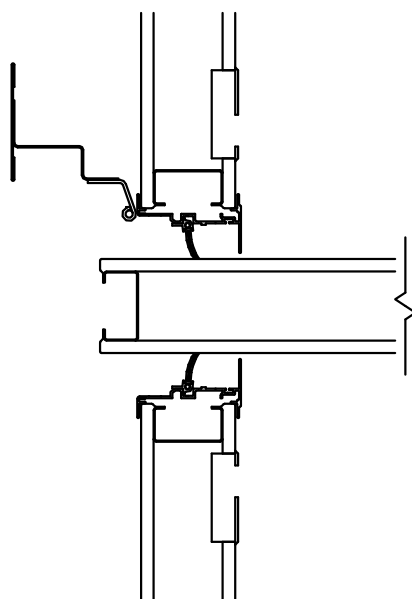
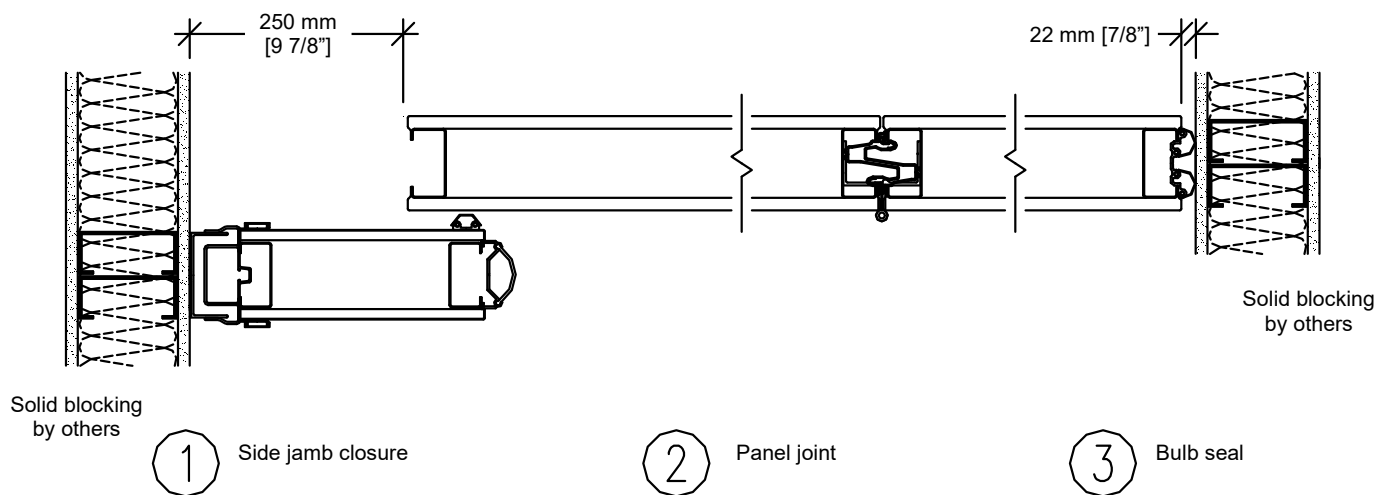


Wall to wall

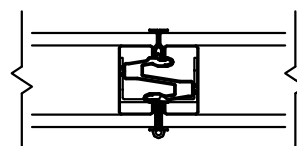


Wall to pocket with PA-73 acoustical pocket door

Horizontal Sections

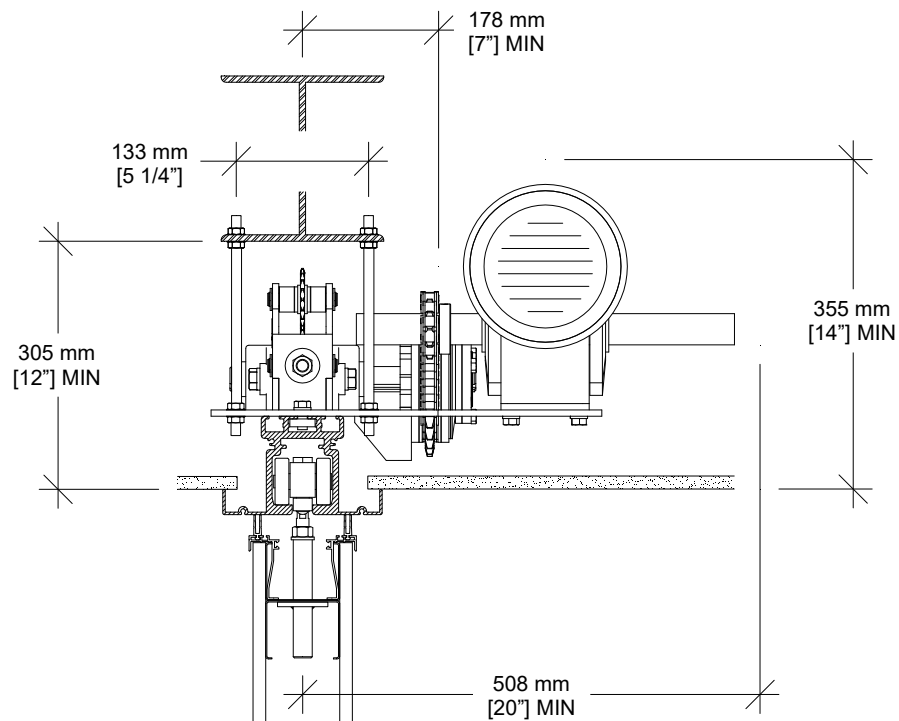


4 Closure at pocket door (optional)



5 Panel joint with protective trims (optional)

Drive Unit



Optional Safety Devices

