Before Fabrication: Does This Detail Still Fit?

An architect-reviewed drawing, a current production detail, and a dimensional question worth checking.

A service-access cassette sits in veneered corridor cladding. Compare the reviewed cutout with the current package and the supplier's required clear passage.

01 REVIEWED DRAWING | 02 SEP 2026

"Disposition: APPROVED FOR DESIGN INTENT."
"Approval covers the visible panel layout, joint alignment and nominal access location shown on this revision; manufacturer service access and field installation remain to be coordinated."
"Rectangular frame-mounting cutout in cladding: 720 horizontal x 900 vertical."

R01 · CL-207 Rev B · p. 1, §§1–2

02 SERVICE REQUIREMENT | 04 SEP 2026

"For the scheduled service tray, maintain an unobstructed rectangular passage at least 680 horizontal x 820 vertical after the cassette is removed."
"Check the narrowest frame throat. Both dimensions must be met; an equal or greater area is not a substitute."

R02 · IS-27 issue 1 · p. 1, §1

03 SUPPLIER TECHNICAL DECISION | 09 SEP 2026

"For SA-27 only, technical acceptance is given to SJ-16 jambs at 16 per side with the unchanged 30 head and 30 sill, on the 720 x 900 frame-mounting cutout identified in CL-207 Rev B."
"Any change to the stated cutout dimensions must be returned for technical review; this decision is not transferable to another cutout."

R04 · TD-27-09 · p. 1, §§1–2

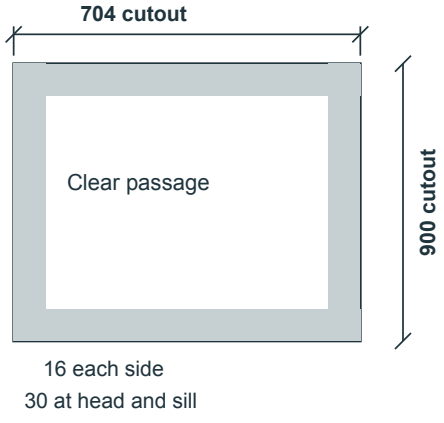
04 CURRENT PACKAGE | 11 SEP 2026, 13:00

"Cladding frame-mounting cutout: 704 horizontal x 900 vertical. Jambs: SJ-16, 16 consumption each side. Head and sill: 30 consumption each."
"Cutout width adjusted to recenter the vertical veneer joints over the existing carrier module."
"Revised architectural joint-layout review: pending."
"Supplier decision for adjusted cutout: reference TD-27-09."
"PM item-specific fabrication release: not attached."

R06 · FP-27-11 Rev 0 · p. 1, §§2–3

CURRENT DETAIL

Reconstructed from R06, p. 1, §2



Required clear passage: **680 × 820 min.**
R02, p. 1, §1 · Not to scale; not an original drawing.

What would you flag before this goes to the shop?

The current detail is 8 mm short.

The width conflict is established. The final approved solution is not.

CLEAR PASSAGE THROUGH THE SCHEDULED FRAME

Width: 704 − 16 − 16 = **672 mm** / minimum 680 mm / **8 mm short**

Height: 900 − 30 − 30 = **840 mm** / minimum 820 mm / 20 mm above minimum

R06, p. 1, §2; R02, p. 1, §§1–2. Both dimensions must be met; extra height does not offset width.

1 What the records establish

The supplier's consumptions include seals, latch keepers and all inward projections at the throat. On the current scheduled dimensions, the clear width does not meet the stated minimum. This is a dimensional conflict in the package, not an installed fit test. [R02 §2; R06 §2]

The supplier acceptance is limited to a different cutout. TD-27-09 accepts SJ-16 jambs on the **720 × 900 mm** cutout in CL-207 Rev B. It requires changed cutout dimensions to return for technical review. That accepted combination gives **688 × 840 mm** clear passage. Referencing TD-27-09 does not establish acceptance of the current **704 × 900 mm** cutout. [R04 §§1–2; R06 §3]

2 What remains unresolved

Final detail and joint layout. The PM note requires applicable supplier and architect reviews for a changed cutout or visible joint layout and records no disposition on the proposal. The current package lists architectural joint-layout review as pending. [R05 §1; R06 §3]

Written fabrication release. R05 issues no item-specific release and keeps CNC cutting and cassette assembly on hold pending resolution and written PM release. R06 says the release is not attached and identifies its issue as a detailing transmittal. No subsequent written release is in the supplied records. [R01 §3; R05 §2; R06 §3]

SECONDARY CHECK / WORKING DEPTH IS STILL UNCONFIRMED

Survey: 1295 mm from carrier datum C0 to opposite finished wall. Required: 1260 mm from the **finished cladding face**. With projection P unresolved, depth = 1295 − P; meeting the minimum requires **P ≤ 35 mm**, subject to final site verification. This is a calculated limit, not an approved projection or demonstrated failure. [R02 §3; R03 §§1–3; R06 §3]

3 What a qualified practitioner needs to resolve

- Confirm final cutout and frame consumptions; resolve the width conflict and obtain applicable supplier review.
- Resolve the revised joint layout; establish projection P and verify unobstructed working depth and tray withdrawal.
- Coordinate the production information with recorded decisions and confirm the required written PM release.

No fix is prescribed. This exercise does not authorize cutting, assembly or fabrication.

SOURCE KEY / All records p. 1; § numbers refer to the original section headings.

R01 · CL-207 Rev B, reviewed submittal · 02 Sep 2026 R02 · IS-27 issue 1, supplier interface · 04 Sep 2026
R03 · FS-27-07, field survey · 07 Sep 2026 R04 · TD-27-09, supplier decision · 09 Sep 2026
R05 · CN-27-10, PM coordination note · 10 Sep 2026, 15:30 R06 · FP-27-11 Rev 0 · 11 Sep 2026, 13:00