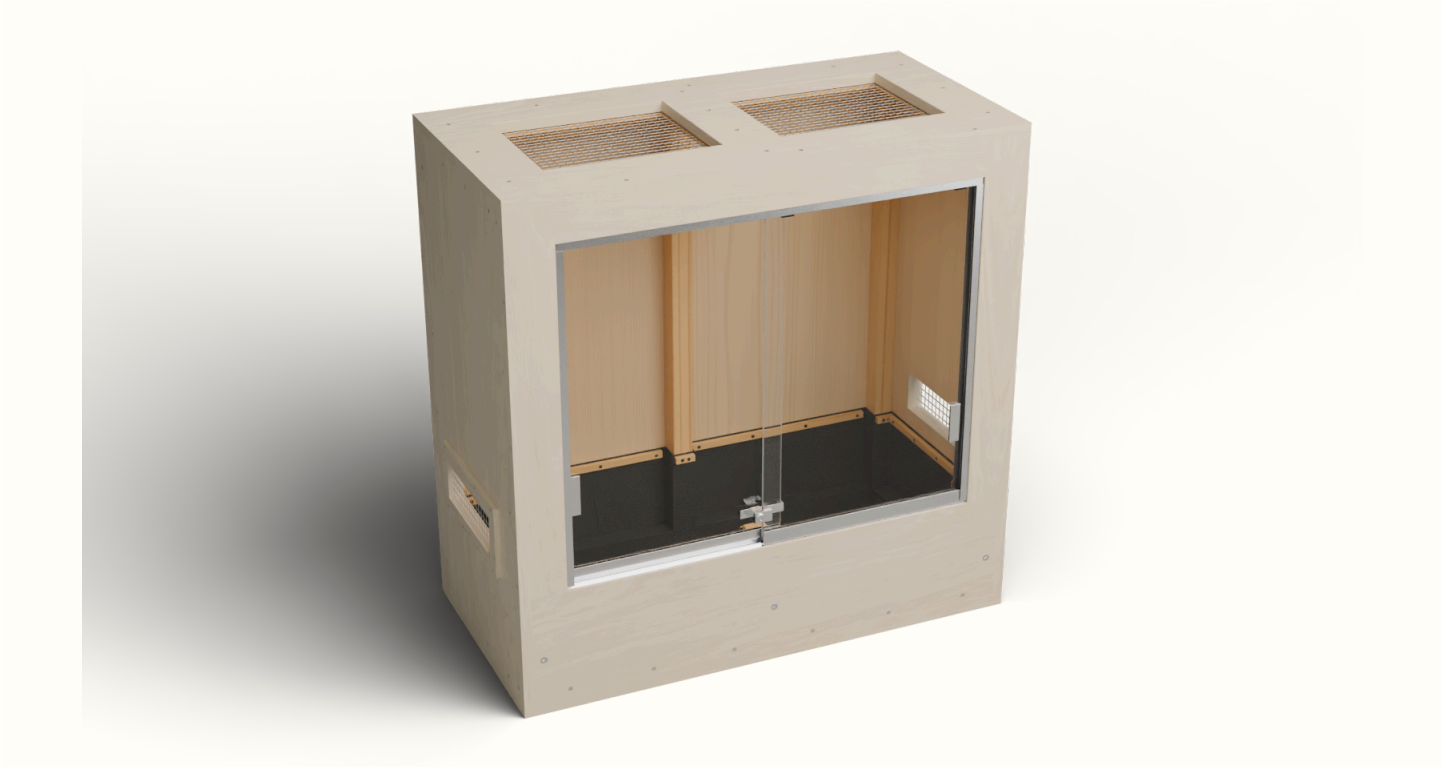
Build the tall lined sliding wooden enclosure

N08 · V5 REVISION 01 · ILLUSTRATED 01

36 × 18 × 36 inches

914.4 × 457.2 × 914.4 mm · bare case, width × depth × height



Maple veneer covers the roof, exterior faces, underside, edges and opening reveals

Two removable rolling glass doors, a separate one-piece lined bed and a removable screened roof. Follow 63 pictured operations with named parts, required waits and checks before continuing.

Construction holds: the three recessed retainer connections, received hardware, the disputed vinyl selection, modified jamb, veneer balance/bond, liner folds, prototype construction, physical testing and qualified review remain open.

Complete illustrated PDF

Read this before cutting

This is the individual N08 lined design. Receive, measure and trial the exact materials before dependent final cuts. A changed plywood gauge, compressed lining, track profile or veneer system requires coordinated recalculation.

Measurement	Reference
Bare case	36 × 18 × 36 in (914.4 × 457.2 × 914.4 mm)
Reference covered wood	36.061 in (915.95 mm) × 18.061 in (458.75 mm) × 36.061 in (915.95 mm)
Maximum covered wood	36.092 in (916.74 mm) × 18.092 in (459.54 mm) × 36.092 in (916.74 mm)
External capture width	36.811 in (935 mm) at reference veneer; allow separate hardware/service space
Finished floor / bed	Floor 53/64 in (21.03 mm) above underside; maximum total bed 6 in (152.4 mm)
Clear rectangle above bed	31 11/32 in (796.13 mm) × 11 15/16 in (303.21 mm) × 26 31/32 in (685.01 mm); equipment/furnishings reduce this
Bare door opening	29 19/32 in (751.68 mm) × 23 31/32 in (608.81 mm)
Reference one-leaf access	13.367875 in (339.54 mm) × 23.16375 in (588.36 mm); plan at least 12 in (304.8 mm) service width
Complete veneer layer	Reference 0.0305 in (0.77 mm); maximum 0.046 in (1.17 mm)

Datums: assembly X starts at outside LEFT, Y at outside FRONT and Z at FLOOR UNDERSIDE, unless a local part edge is explicitly named. Exact mating decimals are retained. in means inches; mm means millimetres. The actual lining stack must be measured.

Tools, terms and safe workholding

Prepare a padded flat bench, helper, clamps, straight cauls, tape, square, marking knife, straightedge, caliper and drill depth stops. Use supported saw/router/jigsaw setups, sacrificial backing and safe wide carriers for narrow stock. Follow each tool maker’s guards and minimum feed lengths.

Use root-matched pilots, separate clearance bits, matching countersinks and fitting hand drivers. For each retainer connection, trial a 1-inch (25.4 mm) flat-bottom boring bit with a 5/8-inch (15.875 mm) depth stop, 9/32-inch (7.1438 mm) through bit, 82-degree countersink, 5/32-inch (3.9688 mm) hex key and 7/16-inch (11.1125 mm) socket no wider than 7/8 inch (22.225 mm). These are reference tools; prove the actual bit point, depth and socket fit on scrap first. Metal needs padded vise jaws, a suitable saw, files and supported drilling. Mesh needs snips and edge protection. Veneer needs a sharp knife, straightedge, sacrificial board and supplier-specified scraper. Glass comes fully fabricated; never cut/drill/grind it after tempering.

Wear eye/hearing protection, control dust and ventilate adhesives/coatings. Protect hands while handling sharp wire and metal; keep gloves and loose clothing away from rotating tools. Support both work and waste.

Term	Plain meaning
Cleat / lamination	Wood strip receiving screws / layers glued together
Jamb / header / retainer	Side of the opening / top frame member / front wall holding the bed
Pilot / clearance / countersink	Small thread-guiding hole / free screw passage / cone-shaped flat-head seat
Datum / kerf	Named measuring surface / width removed by a cut
Rebate / bearing land	Shallow edge pocket / solid flat wood that carries clamp pressure
PSA / HDPE / RH	Pressure-sensitive adhesive / high-density polyethylene / relative humidity
EPDM / mil	Ethylene propylene diene monomer rubber / one thousandth of an inch

Record the actual stock and floor datum

Plywood thickness: **t = _____ in / _____ mm**
Compressed underlay + liner: **a = _____ in / _____ mm**
Finished-floor elevation: **F = t + a = _____**

Part / elevation	Equation in inches	Reference
Floor / roof	36 × 18	36 × 18 in (914.4 × 457.2 mm)
Side height	36 − 2t	34 19/32 in (878.68 mm)
Back / retainer width	36 − 2t	34 19/32 in (878.68 mm)
Retainer height above P01	8 + a	8 1/8 in (206.38 mm)
Door opening width	36 − 2t − 2 × 2.5	29 19/32 in (751.68 mm)
Door opening height	36 − t − 2.5 − (F + 8)	23 31/32 in (608.81 mm)
Vent bottom from floor underside	F + 9	9 53/64 in (249.63 mm)
Maximum bed top	F + 6	6 53/64 in (173.43 mm)
Clamp screw centre	F + 7 3/8	8 13/64 in (208.36 mm)
Liner top	F + 7 3/4	8 37/64 in (217.88 mm)

These equations retain the core size and accepted nominal frame sections. They do not automatically revise every joint, screw, liner clamp or glass size. Recalculate the full coordinated candidate when a measured input changes. Use a marked measuring strip to transfer shared heights.

Find the next operation

1. OP01 · Qualify full support and the actual load
2. OP02 · Plan transport and maintenance access
3. OP03 · Resolve the product and veneer holds
4. OP04 · Inventory wood and the steel bearing track kit
5. OP05 · Measure the lining and transfer height marks
6. OP06 · Cut this build’s plywood blanks
7. OP07 · Label, pair and fit the plywood
8. OP08 · Mark the two roof openings
9. OP09 · Mark both raised wall vents
10. OP10 · Cut supported openings and check borders
11. OP11 · Prepare safe wide frame and strip stock
12. OP12 · Cut and dress the solid supports
13. OP13 · Trial and machine the screen pockets
14. OP14 · Laminate the retainer and staggered front frame
15. OP15 · Trial the received track and glass system
16. OP16 · Trial uncut liner folds around a post
17. OP17 · Position and drill the bottom cleats
18. OP18 · Glue and fasten the floor from underneath
19. OP19 · Fit the two walls and upper supports
20. OP20 · Close and square the back
21. OP21 · Fit the centre rear upright
22. OP22 · Seat the three-layer retaining front
23. OP23 · Fasten the retainer with offset screw rows
24. OP24 · Position and secure the three front posts

Find the next operation · continued

25. OP25 · Trial the flush retainer connection and nut recess
26. OP26 · Bore and fit the three flush retainer screws
27. OP27 · Inspect and protect the recessed hardware
28. OP28 · Fit the laminated jambs and header
29. OP29 · Check receivers, stopped pilots and flush heads
30. OP30 · Cut, deburr and label the four mesh pieces
31. OP31 · Capture both side screens on solid lands
32. OP32 · Build the removable screened roof
33. OP33 · Cut and deburr the accepted profiles
34. OP34 · Fit the jambs and approved divider relief
35. OP35 · Align and fasten the rolling tracks
36. OP36 · Predrill the removable anti-lift inserts
37. OP37 · Disassemble, sand and mask the wood
38. OP38 · Apply the accepted wood sealer
39. OP39 · Record and complete the wood coating’s full cure
40. OP40 · Approve the complete veneer sample
41. OP41 · Cut and apply the matching edge strips
42. OP42 · Veneer the complete outside faces
43. OP43 · Topcoat veneer and finish the full cure
44. OP44 · Reassemble the cured body and tracks
45. OP45 · Bond the four accepted jamb cushions
46. OP46 · Measure and release the final glass order
47. OP47 · Lay protective underlay and the one-piece liner
48. OP48 · Fold corners and mark the actual liner heights

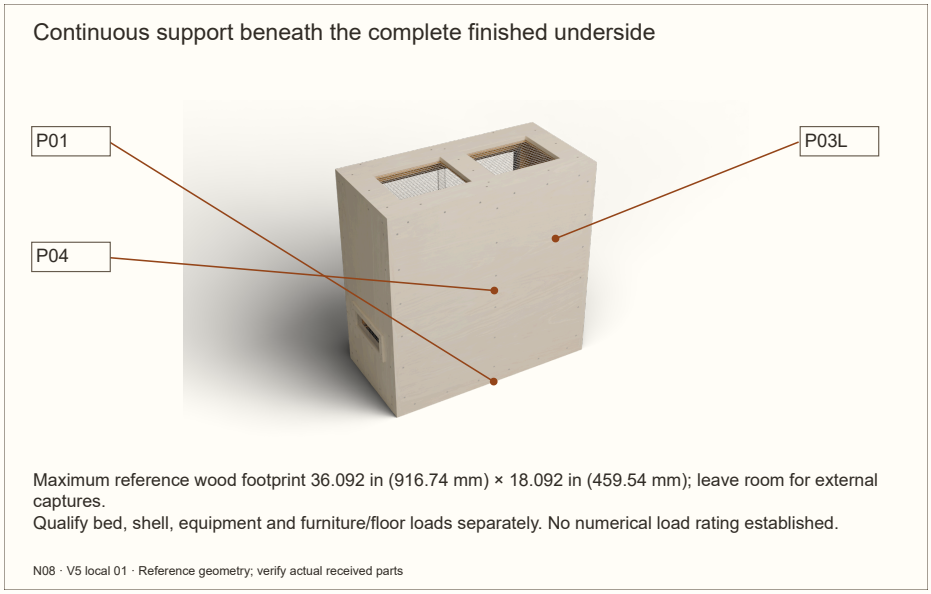
Find the next operation · continued

49. OP49 · Fasten the twelve removable liner clamps
50. OP50 · Complete the 24-hour shallow liner check
51. OP51 · Glaze each shoe and fit its wheels and guides
52. OP52 · Seat the rear leaf, then the front leaf
53. OP53 · Install anti-lift inserts around the parked panes
54. OP54 · Prove cushion and anti-lift retention
55. OP55 · Fit and test the ratchet lock
56. OP56 · Fit the pulls and measure service access
57. OP57 · Secure the removable roof
58. OP58 · Inspect construction and rehearse maintenance
59. OP59 · Remove and refit glass for service
60. OP60 · Remove and inspect the liner for maintenance
61. OP61 · Place and measure the total bed
62. OP62 · Qualify the actual occupant and equipment
63. OP63 · Commission the configured habitat before entry

OP01 · Qualify full support and the actual load

Parts: Named parts shown in the picture

Tools / setup: Measuring tape, square, pencil and the tools named below



Qualify full support and the actual load

1. Choose a level, rigid, continuously supporting surface at least 36.092 in (916.74 mm) wide × 18.092 in (459.54 mm) deep. It must support the complete veneered underside and every floor edge. Feet or two end rails do not satisfy this design.

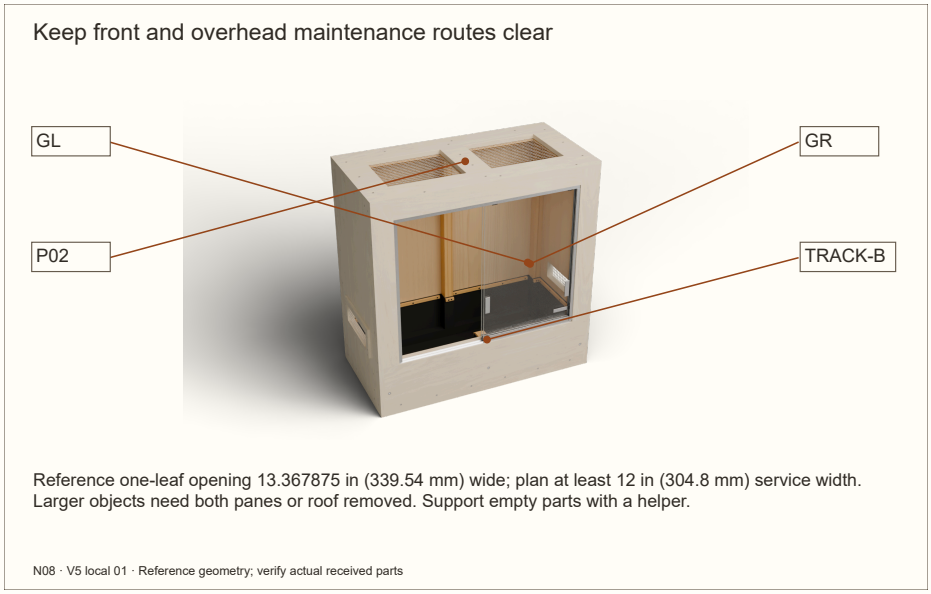
2. The conservative bed-volume envelope is 1.78 cubic feet (50 L), before wood support displacement. At an assumed wet bulk density of 100 lb/ft³ (1602 kg/m³), the bed alone is 178 lb (81 kg). Weigh the actual wet mix; add the shell, water, furnishings and equipment when qualifying the furniture and floor.

Check before continuing: The planned surface supports the entire underside and its capacity is accepted for the complete configured load.

OP02 · Plan transport and maintenance access

Parts: Named parts shown in the picture

Tools / setup: Measuring tape, square, pencil and the tools named below



Plan transport and maintenance access

1. Keep room above for complete roof/rib removal, in front for a helper supporting each pane, and beside both vents for airflow and cleaning. Allow the scheduled external capture width 36.811 in (935 mm) plus working space. Rehearse the transport path while empty.

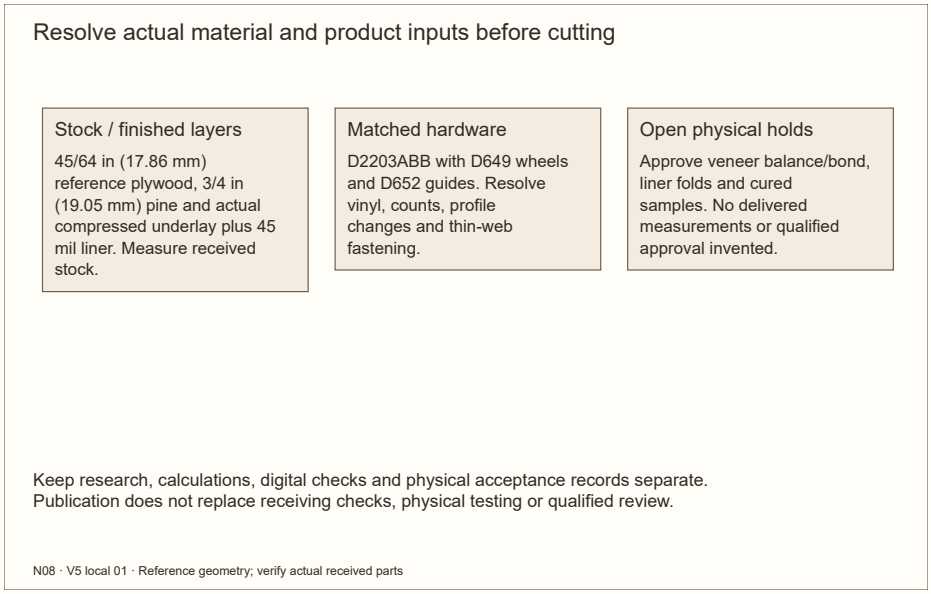
2. Do not stack enclosures, hang this box, climb on it or move it loaded. Plan separate furniture restraint to the actual wall structure if tipping is possible; this guide does not rate a stand or wall anchorage.

Check before continuing: The empty enclosure has a continuous support plan and a clear route for removing both glass leaves and the roof.

OP03 · Resolve the product and veneer holds

Parts: Actual product samples and supplier replies

Tools / setup: Measuring tape, square, pencil and the tools named below



Resolve the product and veneer holds

1. Read H01–H10 before dependent purchases or cuts. Obtain CRL acceptance for this matched D2203ABB closure, vinyl, uncapped shoes, modified right jamb, thin-web screws and removal/anti-lift design. Save the supplier response; rejected details need redesign.

2. Choose ONE exterior species: maple, white oak or walnut. The schedule needs two 48 in (1219.2 mm) × 96 in (2438.4 mm) sheets with the approved PSA backer. Confirm panel balance, cured coating compatibility, humidity/heat/cleaner exposure, acclimation, pressure and dwell. A changed backing or balancing layer needs new geometry and quantities.

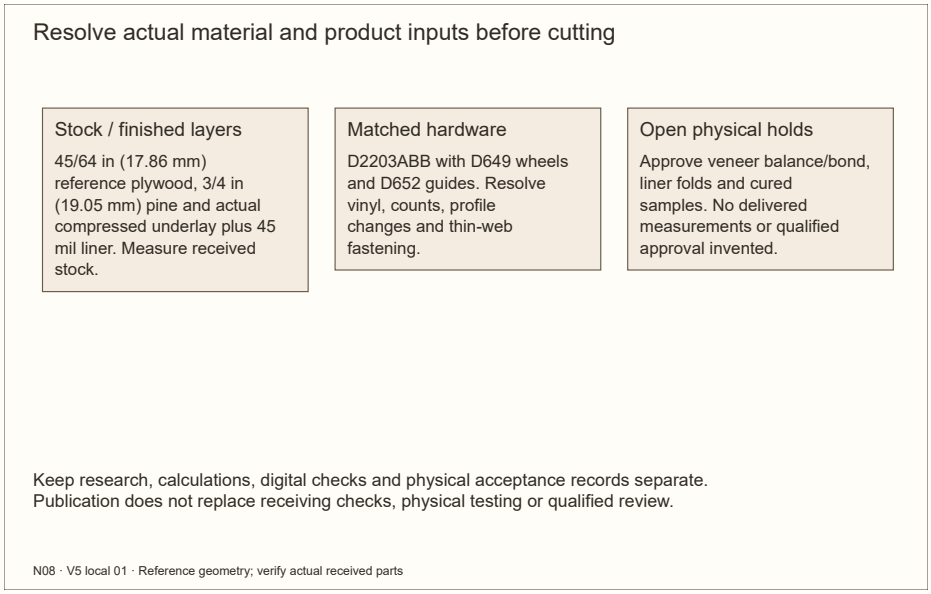
3. Approve the exact liner/underlay application and coating/cushion-bond samples. No received product or physical trial has yet been supplied. The open holds distinguish this digital candidate from construction acceptance.

Check before continuing: Required written answers are recorded before proceeding; rejected or unresolved substitutions stay on hold.

OP04 · Inventory wood and the steel bearing track kit

Parts: Named parts shown in the picture

Tools / setup: Measuring tape, square, pencil and the tools named below



Inventory wood and the steel bearing track kit

1. Measure the actual thickness of the nominal 3/4 in (19.05 mm) plywood at several points. Reject delaminated sheets and warped stock. Check solid wood supports are 1 1/2 in (38.1 mm) square and the frame pine is 3/4 in (19.05 mm) thick.

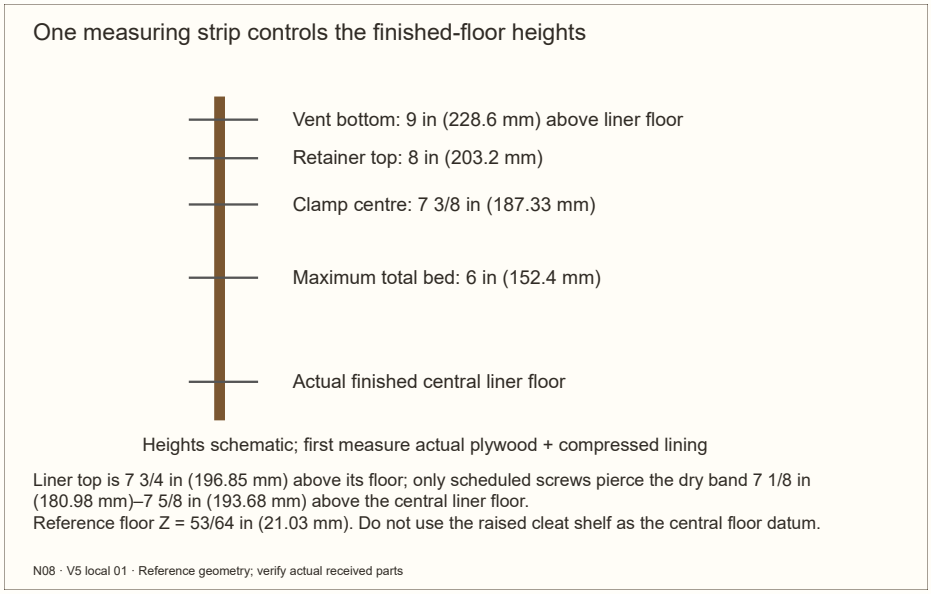
2. Receive the complete CRL D2203ABB kit, separately selected glazing vinyl, the kit's D603A jamb allowance, 963L lock and FP86 pulls. This stock-length kit uses four D649 steel bearing wheels and four D652 guides. Check actual counts and labels. D332A cosmetic caps are omitted; accepted wheel retention and smooth uncapped ends are required.

Check before continuing: Wood gauges and received kit contents are recorded; no glass has been ordered.

OP05 · Measure the lining and transfer height marks

Parts: Named parts shown in the picture

Tools / setup: Measuring tape, square, pencil and the tools named below



Measure the lining and transfer height marks

1. Place the underlay and 45 mil (0.045 in / 1.14 mm) EPDM liner together on a smooth offcut. Measure the actual compressed stack without a corner fold. The reference is 0.08 in (2.03 mm) underlay plus 0.045 in (1.14 mm) liner, totaling 1/8 in (3.18 mm). These separate values are planning allowances, not measured delivery. Record the actual result on a marked measuring strip.

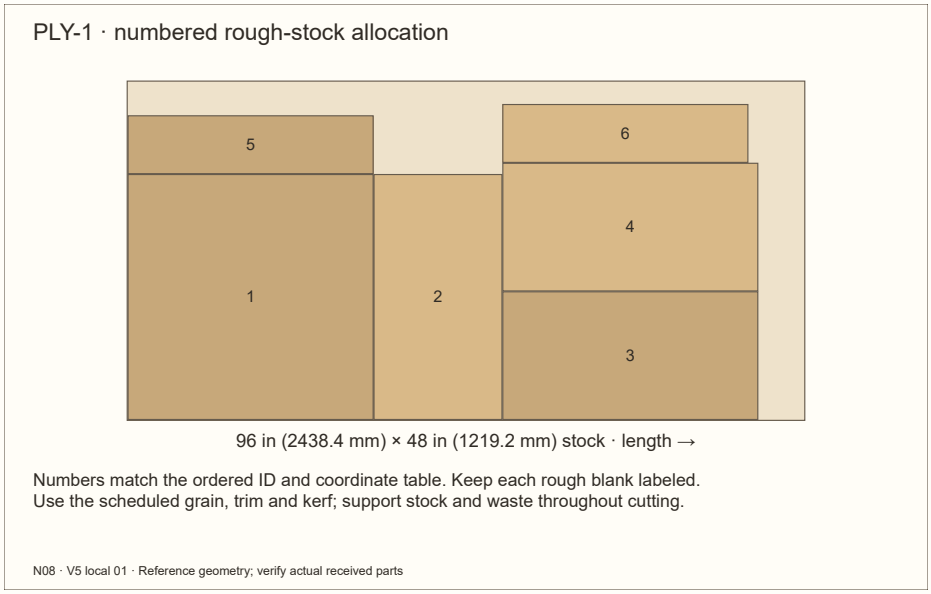
2. On the measuring strip, mark the floor underside. Above it, mark the actual plywood thickness plus compressed lining to locate the finished floor. From that mark, measure up 6 in (152.4 mm) for the maximum total bed, 8 in (203.2 mm) for the retaining-panel top and 9 in (228.6 mm) for the vent bottom. Transfer these marks to the build.

Check before continuing: The actual compressed lining and all shared height marks are recorded on the measuring strip.

OP06 · Cut this build's plywood blanks

Parts: P01 — Floor; P02 — Removable roof; P03L — L wall; P03R — R wall; P04 — Back; RB1 — Laminated substrate retaining board; RB2 — Laminated substrate retaining board; RB3 — Laminated substrate retaining board

Tools / setup: Measuring tape, square, pencil and the tools named below



Cut this build's plywood blanks

1. Use the two-sheet layout and matching exact stock tables. Square a reference edge, support both cut sides and allow the scheduled 1/8 in (3.18 mm) kerf. Start with labeled rough blanks; the floor and roof finish at 36 in (914.4 mm) × 18 in (457.2 mm). Keep grain across their width and the long back/retainer span.

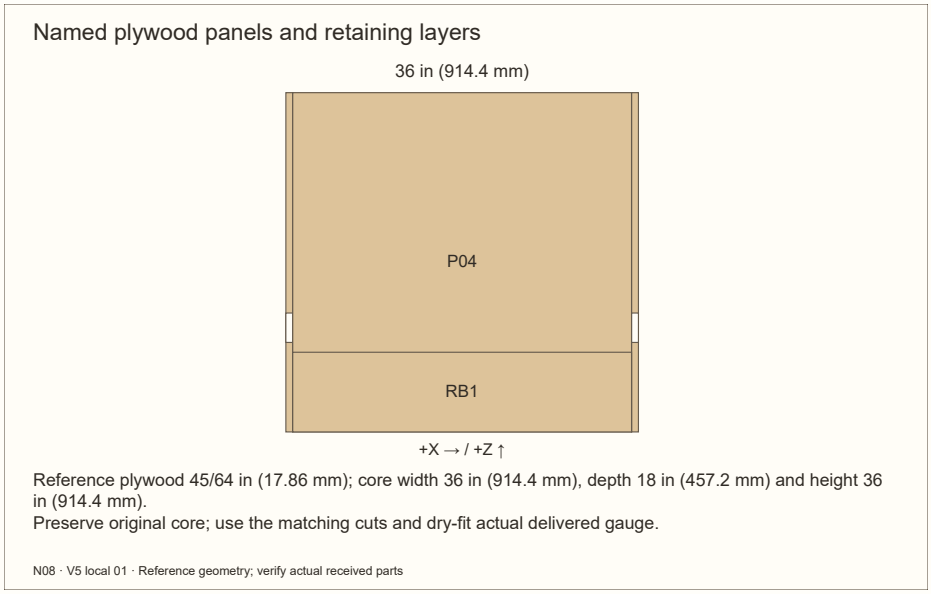
2. For the 45/64 in (17.86 mm) reference plywood, the side panels finish at 18 in (457.2 mm) × 34 19/32 in (878.68 mm); the back at 34 19/32 in (878.68 mm) × 34 19/32 in (878.68 mm); and all three retainer layers at 34 19/32 in (878.68 mm) × 8 1/8 in (206.38 mm). Rough blanks include the stated trimming allowance. Fit sides between floor and roof within the 36 in (914.4 mm) core height, and back/retainer between the sides. A changed received gauge requires coordinated recalculation before final cutting.

Check before continuing: Opposite sides match; all three retainer boards have the same height and square edges.

OP07 · Label, pair and fit the plywood

Parts: P01 — Floor; P02 — Removable roof; P03L — L wall; P03R — R wall; P04 — Back; RB1 — Laminated substrate retaining board; RB2 — Laminated substrate retaining board; RB3 — Laminated substrate retaining board

Tools / setup: Measuring tape, square, pencil and the tools named below



Label, pair and fit the plywood

1. Mark every part ID, front edge, inside face and grain direction in pencil. Keep the long grain across the back and retainer span. Stack matching parts and check them with a straightedge; correct discrepancies before holes.

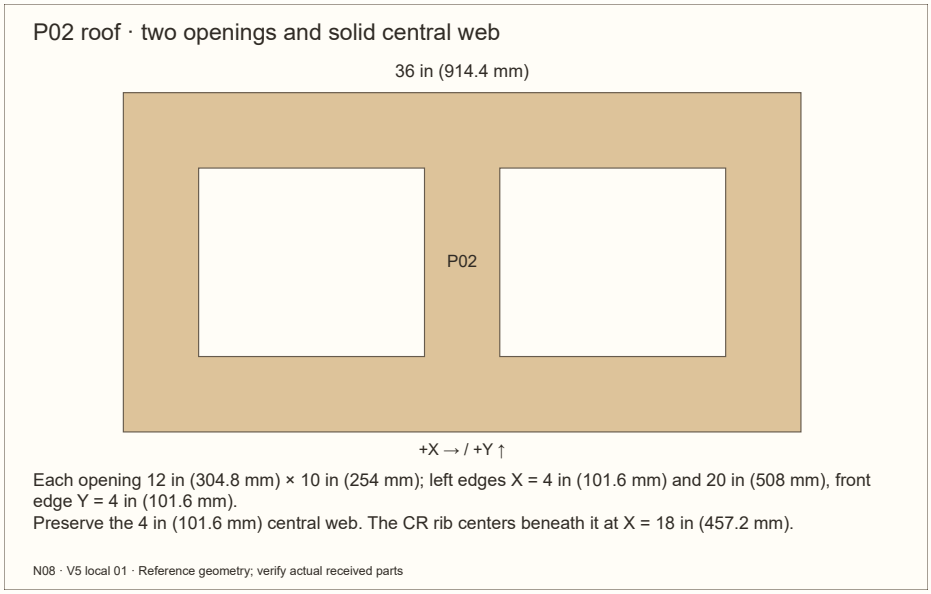
2. Use one imperial measuring system and a shared marked strip. Metric values are equivalents. Exact mating decimals in the workshop tables are intentional. Mark the final line from the actual mating pieces, leave it during the rough cut, then fit matching pairs together.

Check before continuing: Opposite sides match; all three retainer boards have the same height and square edges.

OP08 · Mark the two roof openings

Parts: P02 — removable roof

Tools / setup: Measuring tape, square, pencil and the tools named below



Mark the two roof openings

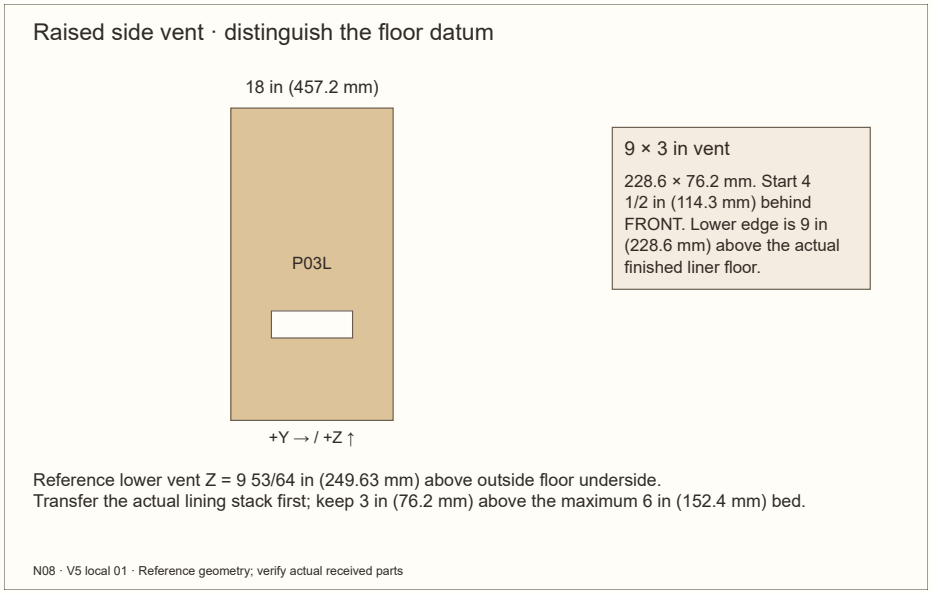
1. On the roof, mark two 12 in (304.8 mm) × 10 in (254 mm) openings. Their front edges are 4 in (101.6 mm) from the front; left edges are 4 in (101.6 mm) and 20 in (508 mm) from the left. Keep the 4 in (101.6 mm) web intact for the roof ribs.

Check before continuing: Both roof-opening outlines have the scheduled borders and intact centre strip.

OP09 · Mark both raised wall vents

Parts: P03L / P03R — left and right walls

Tools / setup: Measuring tape, square, pencil and the tools named below



Mark both raised wall vents

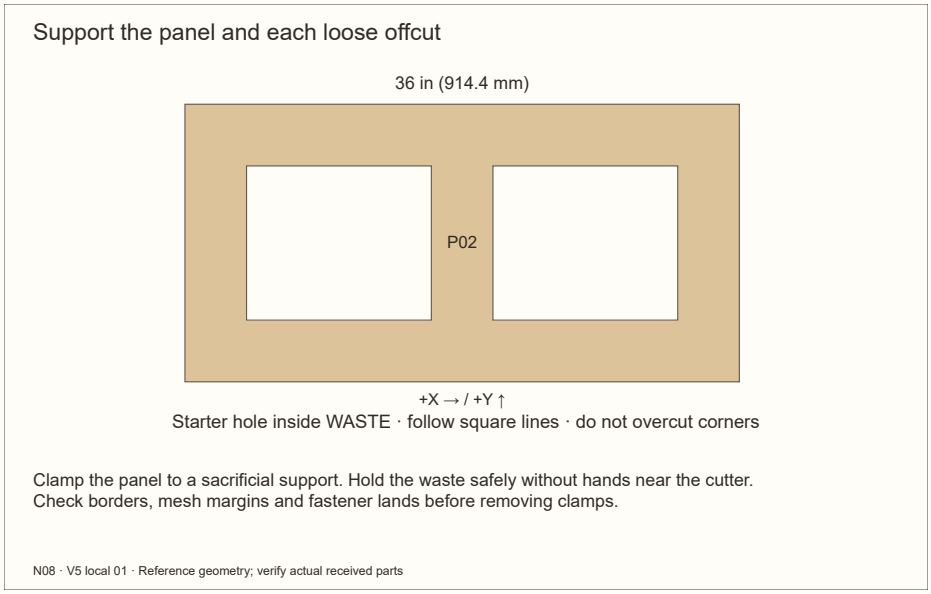
1. On each side, mark a 9 in (228.6 mm) × 3 in (76.2 mm) opening starting 4 1/2 in (114.3 mm) behind the front edge. Its lower edge is 9 in (228.6 mm) above the finished-floor mark, not the floor underside.

Check before continuing: Both side-vent outlines start 3 in (76.2 mm) above the maximum bed line measured from the actual finished floor.

OP10 · Cut supported openings and check borders

Parts: P02 — Removable roof; P03L — L wall; P03R — R wall

Tools / setup: Measuring tape, square, pencil and the tools named below



Cut supported openings and check borders

1. Drill starter holes entirely inside the waste. Cut with a guided router or supported jigsaw; do not cross the marked corner lines. Ease sharp reveals and remove every splinter.

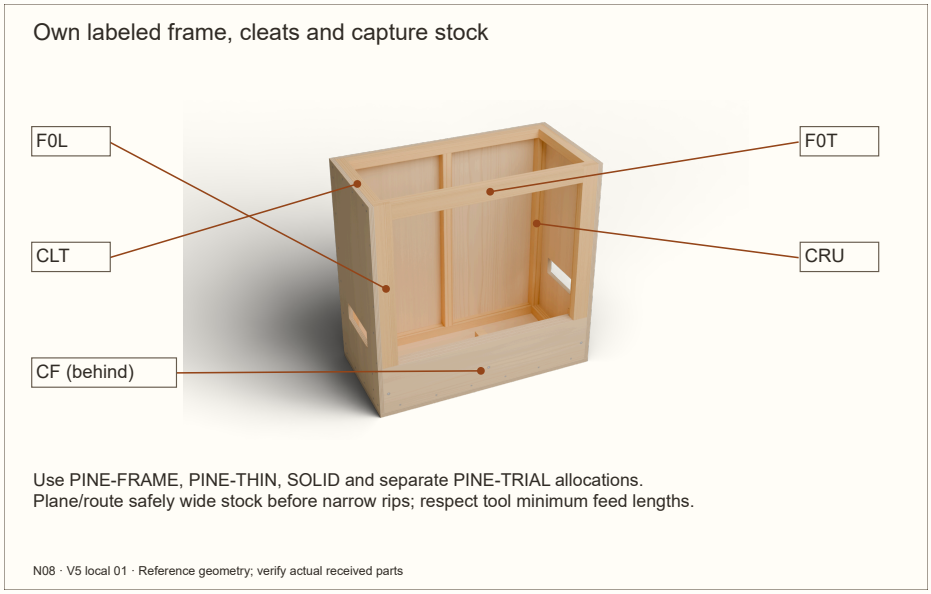
2. Mark the scheduled capture-strip footprints over the opening margins, using full-size paper templates while the strips are still uncut. Each mesh edge must fit beneath a strip, and no fastener station may land in an opening. Leave the rest of the roof solid; equipment penetrations are a later, separately fitted operation.

Check before continuing: Both vents start 3 in (76.2 mm) above the maximum total bed; all roof borders and the rib web remains intact.

OP11 · Prepare safe wide frame and strip stock

Parts: F0L, F1L, F0R, F1R, F0T, F1T, CLB, CLU, CLT, CRB, CRU, CRT, CF, CB, CT, CR, VLB, VLT, VLF, VLA, VRB, VRT, VRF, VRA, RTLF, RTLA, RTRF, RTRA, RTLL, RTLR, RTRL, RTRR, LCL, LCR, LCF1, LCF2, LCB1, LCB2, LCQL, LCQ1, LCQR, LCPL, LCP1, LCPR, CFL, CF1, CFR, CM; use labeled picture and schedules

Tools / setup: Measuring tape, square, pencil and the tools named below



Prepare safe wide frame and strip stock

1. Use the labeled PINE-FRAME layouts, not a guessed board number. Rip the 2 1/2 in (63.5 mm) frame strips with guards, featherboards and push sticks; crosscut the named jamb/header layers. Reserve the separate trial board for hardware, screen and finish samples.

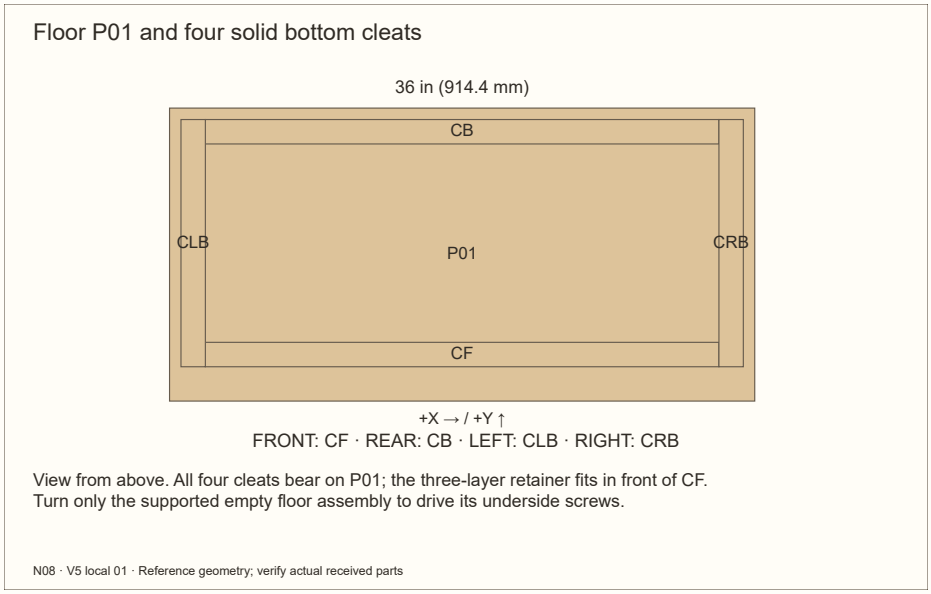
2. Prepare safe full-width PINE-THIN stock to 3/8 in (9.53 mm) thickness before ripping the new 1 in (25.4 mm) screen captures and 1/2 in (12.7 mm) liner clamps. Route screen recesses while blanks are wide and supported. Follow machine minimum feed lengths; never thickness or route a loose narrow strip by hand near a cutter.

Check before continuing: The frame and thin-strip stock is identified, sound and safely prepared for the next cuts.

OP12 · Cut and dress the solid supports

Parts: F0L, F1L, F0R, F1R, F0T, F1T, CLB, CLU, CLT, CRB, CRU, CRT, CF, CB, CT, CR, VLB, VLT, VLF, VLA, VRB, VRT, VRF, VRA, RTLF, RTLA, RTRF, RTRA, RTLL, RTLR, RTRL, RTRR, LCL, LCR, LCF1, LCF2, LCB1, LCB2, LCQL, LCQ1, LCQR, LCPL, LCP1, LCPR, CFL, CF1, CFR, CM; use labeled picture and schedules

Tools / setup: Measuring tape, square, pencil and the tools named below



Cut and dress the solid supports

1. Cut the four SOLID-stock boards to the named lengths for four bottom cleats, three rear uprights, three front posts, three upper supports and one roof rib. The nominal 2-by-2 lumber designation means an actual reference section of 1 1/2 in (38.1 mm) square. Measure the received full section; these supports are not laminated strips.

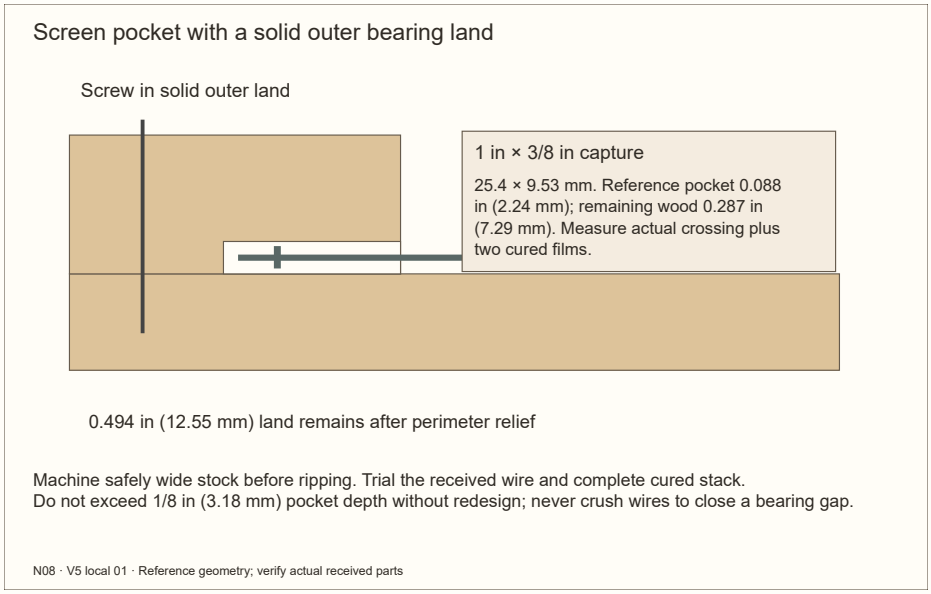
2. Lightly ease exposed corners and especially the wood supports beneath the liner. Keep joint faces square and bare. Label the underside of each roof capture so it returns to its own holes.

Check before continuing: Each solid member and thin strip is identified; no cracked or knot-weakened wood support is used.

OP13 · Trial and machine the screen pockets

Parts: Trial board; eight V and eight RT capture strips; mesh offcut

Tools / setup: Caliper, guarded router, fixed guide, clamps, wide sacrificial stock, eye/hearing/dust protection



Trial and machine the screen pockets

1. Measure the largest welded-wire crossing and the actual cured film on both bearing faces. Reference wire is 0.041 in (1.04 mm), crossing 0.082 in (2.08 mm), and two 0.003 in (0.08 mm) films give a 0.088 in (2.24 mm) pocket. These are model inputs, not delivered tolerances.

2. On a wide clamped trial blank, use a guided router and shallow passes to form the rebate: a shallow edge pocket. Leave a full outer bearing land. The nominal 1/2 in (12.7 mm) land loses 0.006 in (0.15 mm) to perimeter fitting relief, leaving 0.494 in (12.55 mm). It must sit flat while all wire ends remain buried.

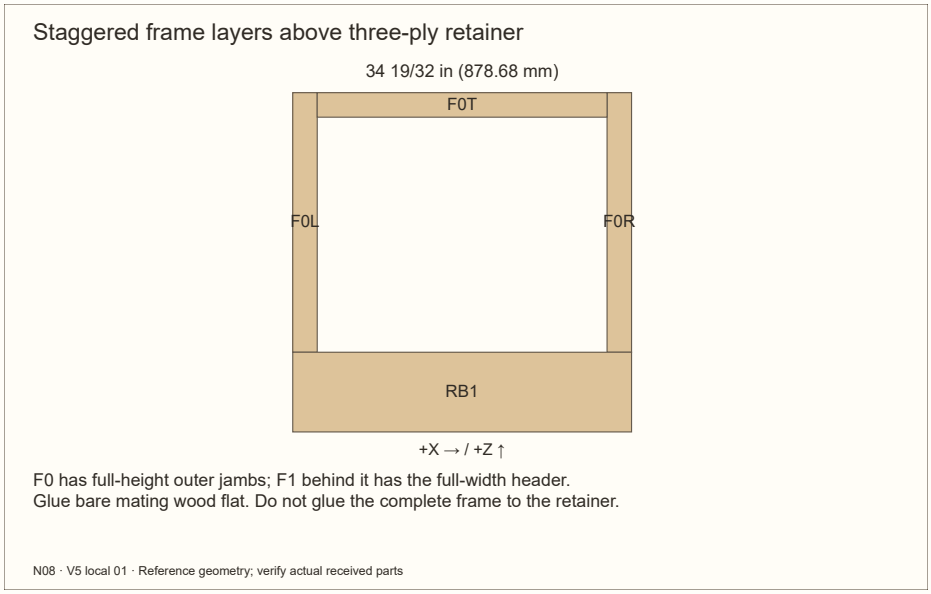
3. Do not exceed 1/8 in (3.18 mm) pocket depth without redesign. Trial with the received mesh and finish, then machine safely wide blanks before final ripping/crosscutting. Record depths and labels on all sixteen capture strips.

Check before continuing: Pocket fits the actual crossing; lands sit flat and wire cannot peel or rattle.

OP14 · Laminate the retainer and staggered front frame

Parts: RB1, RB2, RB3, F0L, F1L, F0R, F1R, F0T, F1T; use labeled picture and schedules

Tools / setup: Measuring tape, square, pencil and the tools named below



Laminate the retainer and staggered front frame

1. Dry-stack RB1, RB2 and RB3 face to face, flush at their top and ends. Their combined depth matches three layers of the actual plywood. Dry-lay the front frame above them: outer layer jambs run full height, inner layer header runs full width.

2. Spread Titebond III on the two retainer bond interfaces and between the two frame layers. Keep a consistent film across bare wood; use padded straight clamping pads and enough clamps to close the joints without bowing the long members.

3. Compare both frame diagonals and check the track-bearing faces with a straightedge. Wipe away squeeze-out before it hardens. Do not glue the frame to the retainer; these remain separate assemblies for finishing and removal.

4. Follow the glue label for temperature and clamping. Leave these unstressed glue-ups for at least 24 hours before drilling or loading, extending the wait when the manufacturer requires it.

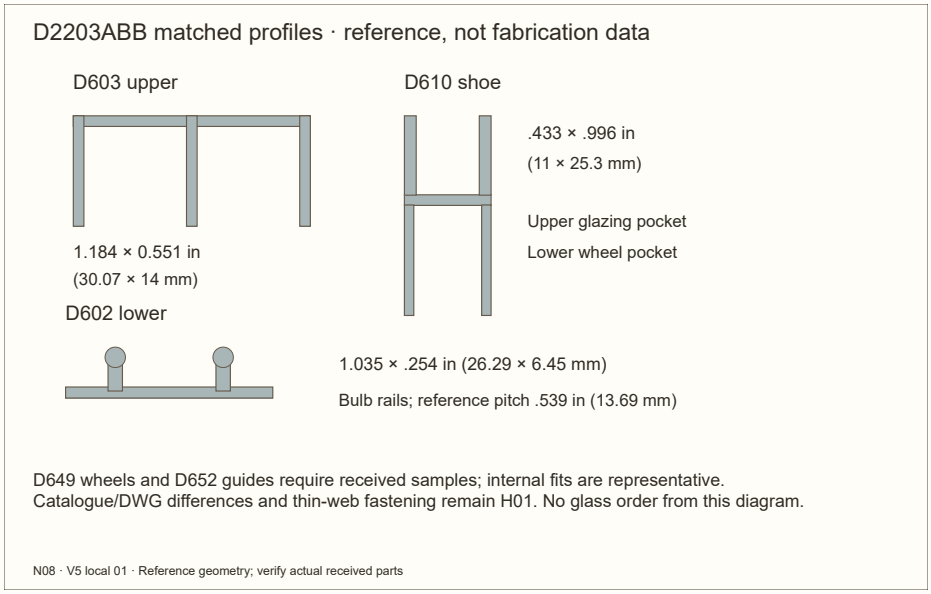
Check before continuing: The laminated retainer is flat and the 1 1/2 in (38.1 mm) deep frame has staggered, closed joints.

Required wait: Glue cure: at least 24 hours; follow the received label

OP15 · Trial the received track and glass system

Parts: Named parts shown in the picture

Tools / setup: Measuring tape, square, pencil and the tools named below



Trial the received track and glass system

1. Make a rigid gauge matching the actual square dry frame. The reference clear opening is 29 19/32 in (751.68 mm) × 23 31/32 in (608.81 mm). Use a smooth disposable 6 mm thickness sample for initial fit; it is not a substitute door. Final approval includes a fabricator-provided glass sample of the accepted thickness.

2. Seat the sample in a D610 offcut with supplier-confirmed vinyl. Fit a D649 wheel assembly and a D652 guide according to the received instructions. Compare the D602 bulb rail, D603 upper channel and guide engagement with the catalogue/DWG reference; resolve discrepancies before final cuts.

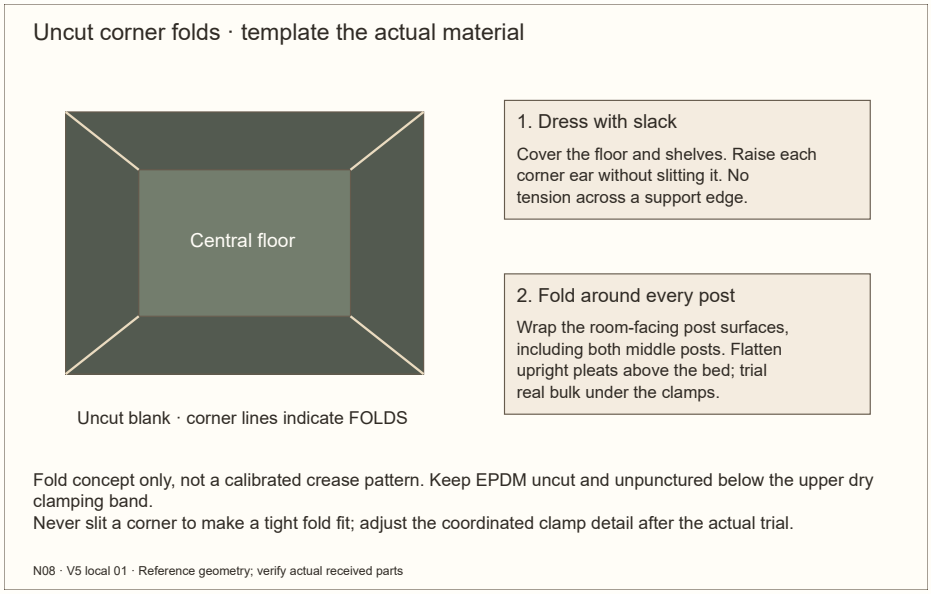
3. Check the nominal 1 1/8 in (28.58 mm) glass-height deduction with the complete received assembly. Trial uncapped, fully deburred shoe ends, wheel retention, closing cushions, right-jamb divider relief and sufficient removal lift. Do not cut a supplier-rejected profile or force a tight glazing channel.

Check before continuing: The sample rolls, lifts out with retention removed, and seats securely with the guide inside the upper channel.

OP16 · Trial uncut liner folds around a post

Parts: Named parts shown in the picture

Tools / setup: Measuring tape, square, pencil and the tools named below



Trial uncut liner folds around a post

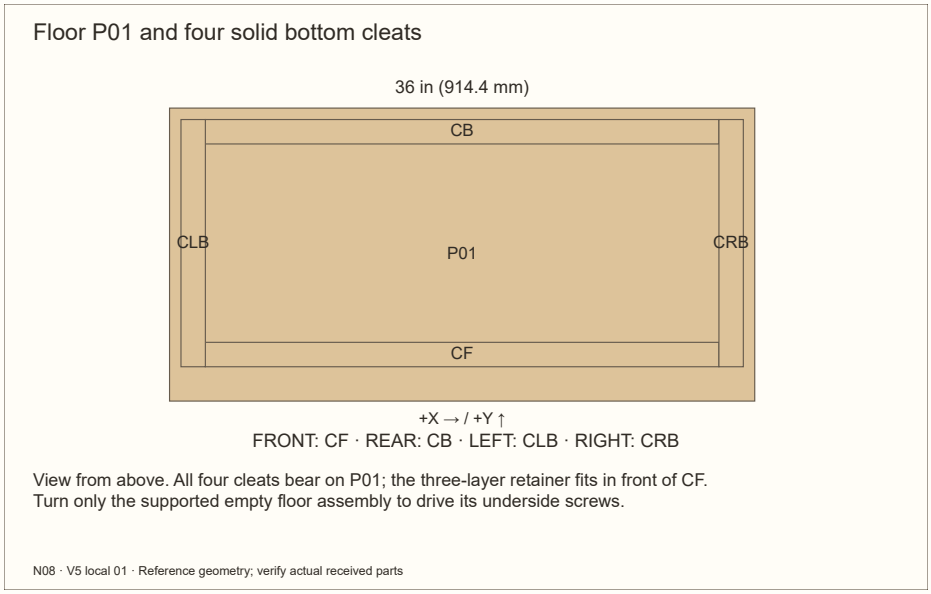
1. Fold actual liner and underlay offcuts over a dressed cleat and around representative front and rear post corners. Keep the central floor mark distinct from the raised shelf. Test uncut corner pleats and the clamp grip. The nominal 1/8 in (3.18 mm) wall allowance may not accommodate folded bulk; change clamp offsets and all dependent checks before proceeding if the real stack requires more space.

Check before continuing: Actual folded stack fits without a stretched membrane, sharp contact or unsupported clamp.

OP17 · Position and drill the bottom cleats

Parts: P01 — Floor; CLB — L bottom cleat; CRB — R bottom cleat; CF — Front floor cleat; CB — Back floor cleat

Tools / setup: Measuring tape, square, pencil and the tools named below



Position and drill the bottom cleats

1. Place P01 on a flat sacrificial board. Set the left and right bottom supports inward by the actual side-panel thickness, using an offcut as a spacer. Set their front ends behind the three-layer retaining panel. Fit CF between them against the back of that panel; fit CB between them against the inside face of the back panel.

2. Clamp each wood support. Transfer the bottom-support stations through the floor: #8 clearance holes are 11/64 in (4.37 mm) through P01 only; start 7/64 in (2.78 mm) pilots into pine and confirm grip on an offcut. Set a stop so no drill or screw can emerge.

Check before continuing: Cleats are clamped in their scheduled positions; front and rear panel recesses fit; pilot and clearance paths remain within their receivers.

OP18 · Glue and fasten the floor from underneath

Parts: P01 — Floor; CLB — L bottom cleat; CRB — R bottom cleat; CF — Front floor cleat; CB — Back floor cleat

Tools / setup: Measuring tape, square, pencil and the tools named below

Glue and fasten the floor from underneath

1. Apply Titebond III only to the floor/wood support bond faces. Drive the #8 × 1 1/4 in (31.75 mm) screws from below, leaving their heads flush with the floor underside. Wipe all squeeze-out and keep the four corner beds smooth.

2. Check the retainer and back-panel recesses before the glue sets. Let the floor assembly remain flat and unstressed during cure.

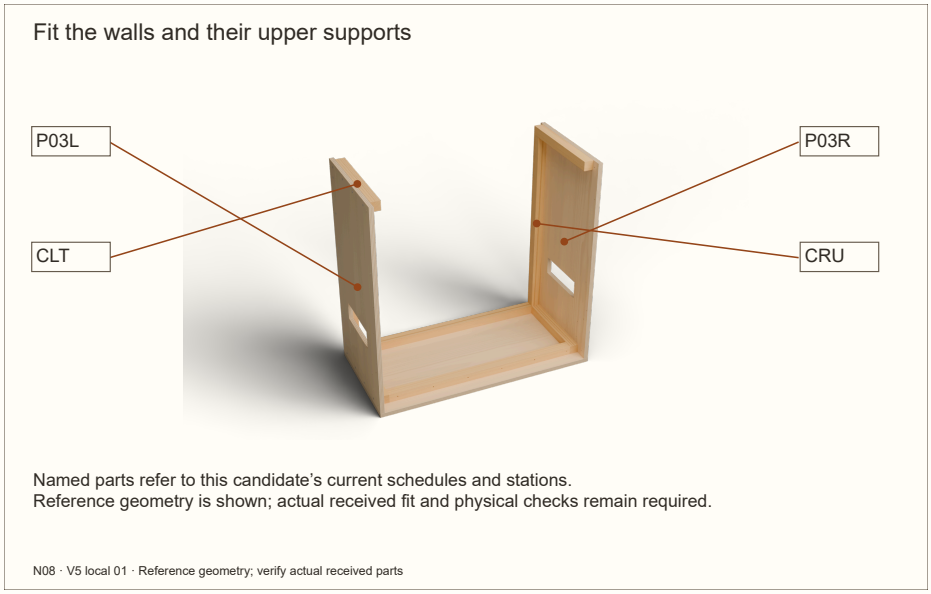
Check before continuing: The floor underside sits completely flat, with no projecting head; the front recess fits the three-layer retaining panel.

Required wait: Do not stress glued wood supports for at least 24 hours

OP19 · Fit the two walls and upper supports

Parts: P03L — L wall; P03R — R wall; CLU — L rear upright; CRU — R rear upright; CLT — L upper cleat; CRT — R upper cleat

Tools / setup: Measuring tape, square, pencil and the tools named below



Fit the two walls and upper supports

1. Clamp CLU and CLT to the inside of the left wall; repeat with CRU and CRT on the right. Upper wood supports end at the back-panel face and start 1 1/2 in (38.1 mm) behind the front. The rear uprights fit between lower and upper wood supports.

2. Stand each wall on P01, flush with its outer edge and front. Clamp it to the bottom wood support. Use a helper while the box is open.

3. Transfer the listed stations through each wall into the matching solid receiver. Drill the #8 clearance through the plywood, then a stopped pilot into pine. Keep the rear-upright back screws offset from the side screws as shown in the station schedule.

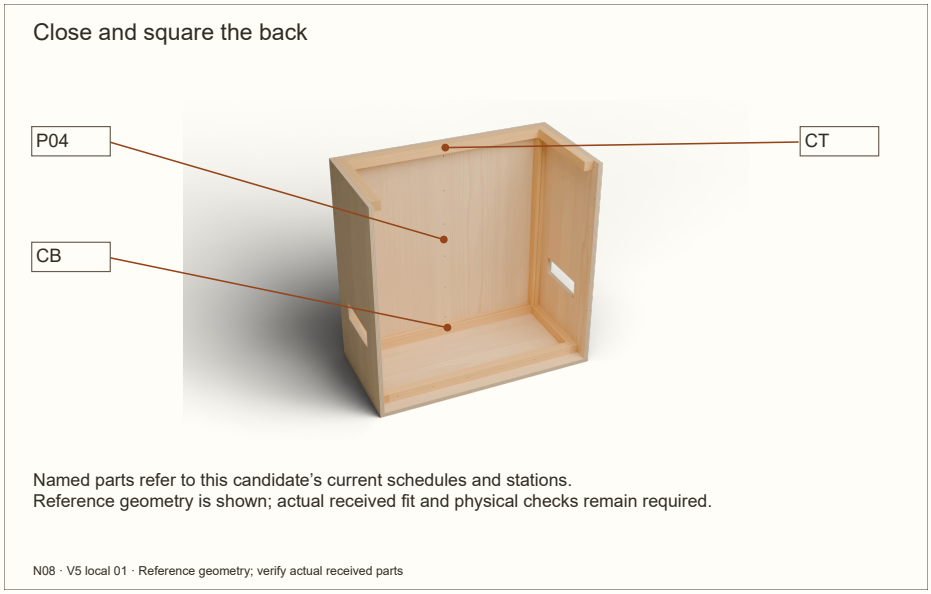
4. Fasten with #8 × 1 1/4 in (31.75 mm) screws, tightening by hand for the last turn. These wall joints stay dry during fitting so the panels can be removed for finishing.

Check before continuing: Walls are upright and parallel; all screw points terminate in solid wood supports, and no screw projects into the room.

OP20 · Close and square the back

Parts: P04 — Back; CT — Back upper cleat

Tools / setup: Measuring tape, square, pencil and the tools named below



Close and square the back

1. Fit P04 between the side panels, resting on the floor with its outside face flush to the side-panel rear edges. Clamp to CB, CT and both rear uprights.

2. Compare the two diagonals across the front and across the back. Adjust until each pair differs by no more than 1/16 in (1.59 mm). Recheck on the final supporting surface if it differs from the bench.

3. Drill clearance through P04 and stopped pilots into the named receivers at the close and square the back operation stations. Use the offset upright positions so a back screw does not meet a side screw.

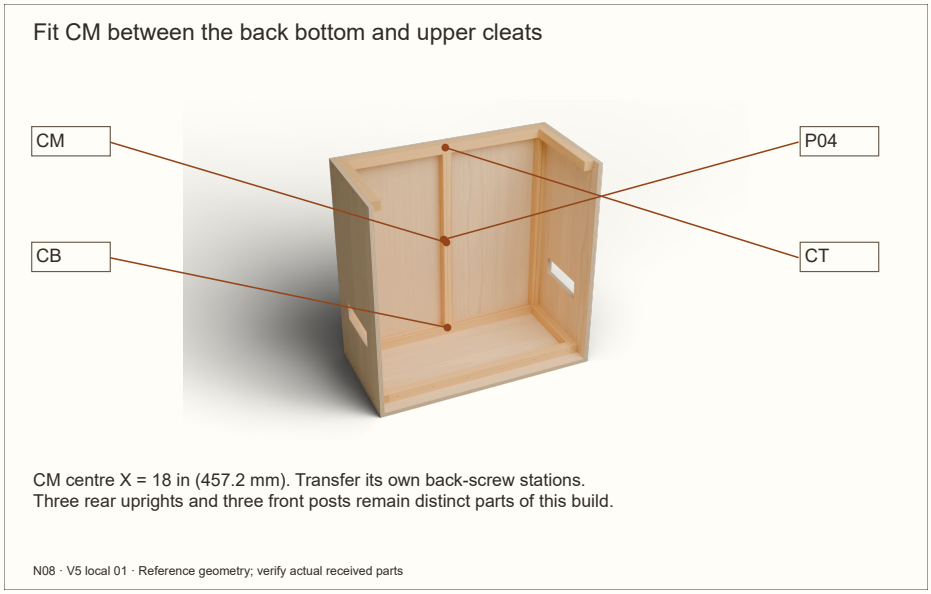
4. Fit the #8 × 1 1/4 in (31.75 mm) screws and check that the full back edge sits flush. Do not pull a twisted box square by overdriving a screw.

Check before continuing: The shell remains square without clamp pressure; the back and both walls bear on the floor.

OP21 · Fit the centre rear upright

Parts: CM — Intermediate back upright

Tools / setup: Measuring tape, square, pencil and the tools named below



Fit the centre rear upright

1. Place CM against the inside of the back at a centre 18 in (457.2 mm) from the left outside face. Each fits between CB and CT and is about 31 5/8 in (803.28 mm) long in the reference shell.

2. Clamp each upright square with its bottom bearing fully on CB. Transfer the add the intermediate rear supports operation stations through P04. Drill #8 clearance through the plywood and stopped 7/64 in (2.78 mm) starting pilots into the solid pine.

3. Fit the listed #8 × 1 1/4 in (31.75 mm) screws from the back. Tighten evenly by hand, keeping the back flat and the upper wood support level. Confirm all points remain buried.

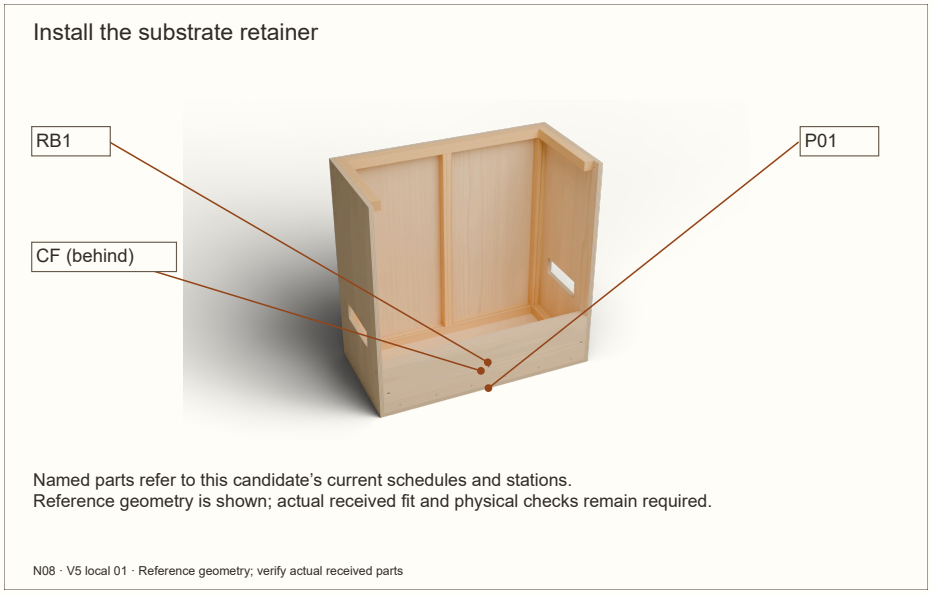
4. Check the intermediate upright and both rear corner uprights bear on their lower wood supports. Ease the edges that the liner will wrap around. Leave the three front posts loose until the retainer is seated in the next step.

Check before continuing: Three rear uprights are square and secure; no screw point or sharp corner meets the future liner.

OP22 · Seat the three-layer retaining front

Parts: RB1 — Laminated substrate retaining board; RB2 — Laminated substrate retaining board; RB3 — Laminated substrate retaining board

Tools / setup: Measuring tape, square, pencil and the tools named below



Seat the three-layer retaining front

1. Seat the cured three-layer retainer on P01 in front of CF. Its ends fit between the side panels and its front face is flush with the front of the floor.

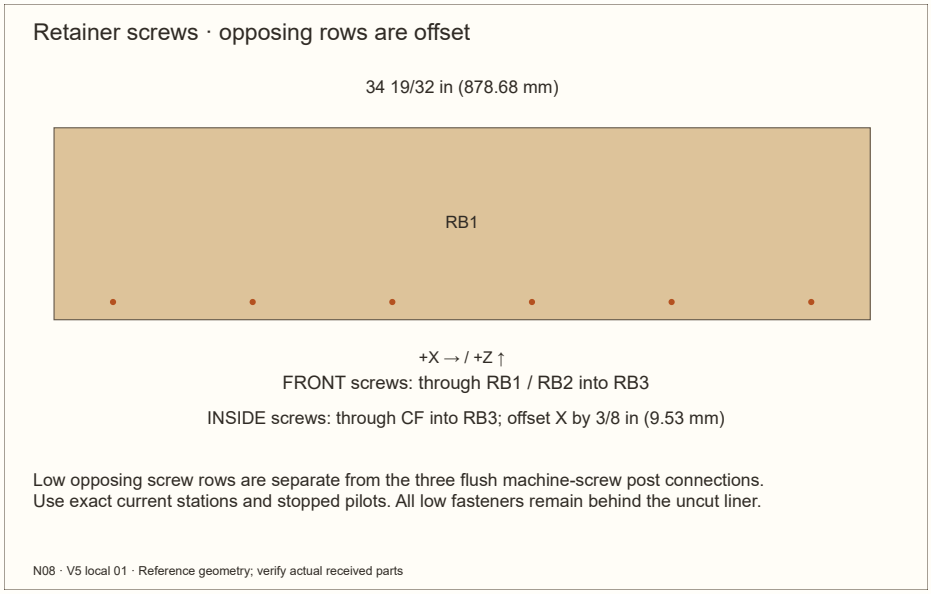
2. Set the wood retaining-panel top 8 in (203.2 mm) above the finished floor, before adding the track. A 6 in (152.4 mm) total bed leaves 2 in (50.8 mm) to the wood top.

Check before continuing: The retaining top is level at the marked height and the cured laminate bears fully on the floor.

OP23 · Fasten the retainer with offset screw rows

Parts: RB1 — Laminated substrate retaining board; RB2 — Laminated substrate retaining board; RB3 — Laminated substrate retaining board

Tools / setup: Measuring tape, square, pencil and the tools named below



Fasten the retainer with offset screw rows

1. At the end stations, drill #8 clearance through each side and pilots into the retainer ends. At the front stations, drill clearance through RB1 and RB2 and pilots into RB3; keep the 2 in (50.8 mm) screws within the laminate.

2. From inside, drill clearance through CF and pilots into RB3 for the separate rear-facing 2 in (50.8 mm) screws. Offset these stations 3/8 in (9.53 mm) to the right of the front-facing stations so opposing screws cannot meet. Tighten all screws flush; these low fasteners will be isolated behind the unpunctured liner.

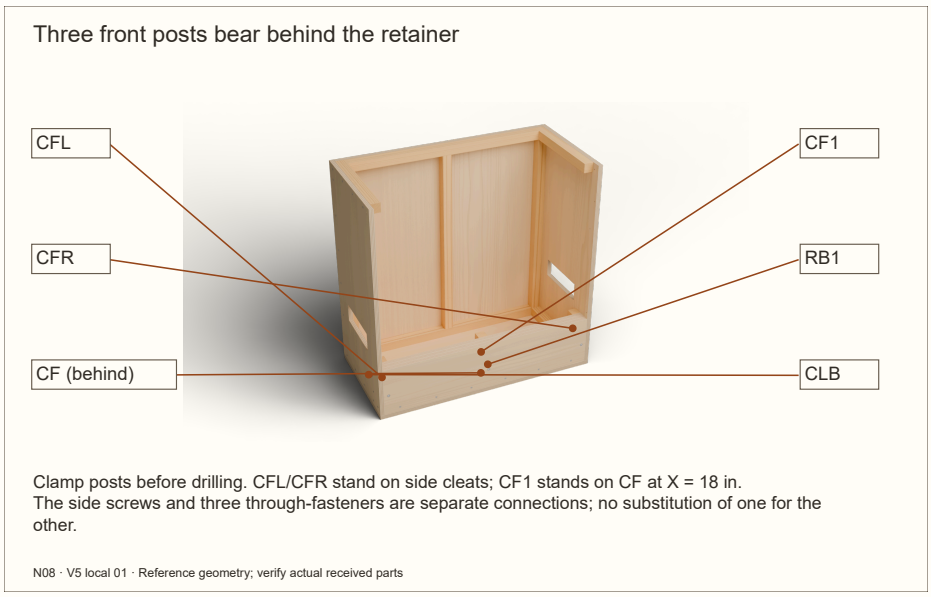
Check before continuing: The retaining top is level, continuous and at the marked reference mark; no screw point projects through its inner face.

OP24 · Position and secure the three front posts

Parts: CFL — Front retainer post; CF1 — Front retainer post; CFR — Front retainer post; BTL1 — Flush retainer machine screw, recessed interior washer and locknut; BT11 — Flush retainer machine screw, recessed interior washer and locknut; BTR1 — Flush retainer machine screw, recessed interior washer and locknut

Tools / setup: Measuring tape, square, pencil and the tools named below

Before you begin: Bolt and hardware dimensions are receiving checks; never infer structural capacity from bolt count.



Position and secure the three front posts

1. Stand CFL, CF1 and CFR behind the retainer. End posts bear on CLB/CRB; CF1 bears on CF at X = 18 in (457.2 mm). Their reference length is 6 5/8 in (168.28 mm). Clamp each square with its front face against RB3 and top flush with the retainer.

2. Fit the two side screws in each end post using the scheduled stopped pilots. Keep the middle post clamped. Its separate through-fastener provides the front connection; do not glue it to the liner or omit it.

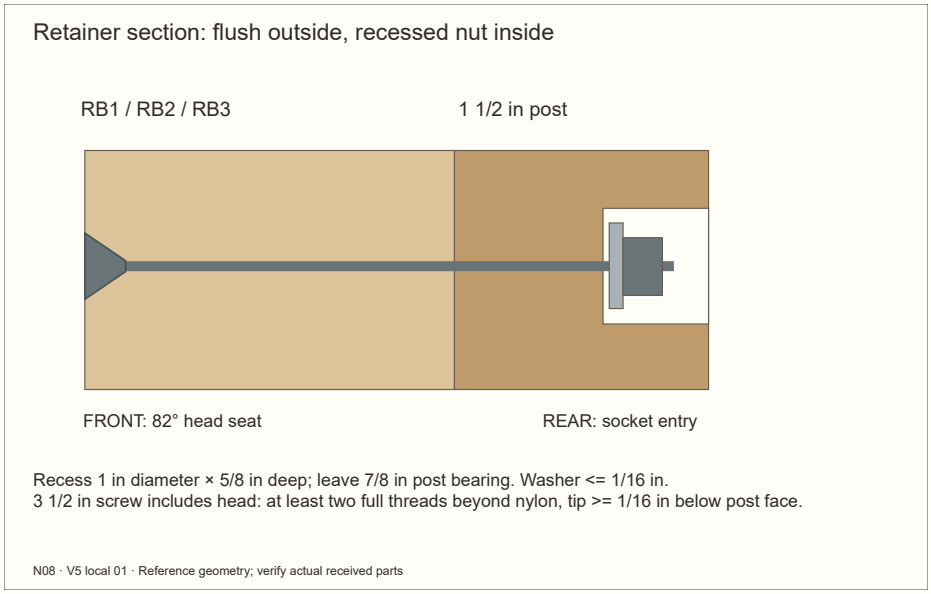
Check before continuing: Posts bear on their named cleats; the end posts are fixed and the middle post remains securely clamped for its through-connection.

OP25 · Trial the flush retainer connection and nut recess

Parts: CFL — Front retainer post; CF1 — Front retainer post; CFR — Front retainer post; BTL1 — Flush retainer machine screw, recessed interior washer and locknut; BT11 — Flush retainer machine screw, recessed interior washer and locknut; BTR1 — Flush retainer machine screw, recessed interior washer and locknut

Tools / setup: Measuring tape, square, pencil and the tools named below

Before you begin: Bolt and hardware dimensions are receiving checks; never infer structural capacity from bolt count.



Trial the flush retainer connection and nut recess

1. Before touching a finished part, trial the exact Bolt Depot 24910 1/4-20 × 3 1/2 in (88.9 mm) flat-head screw, 16019 washer and 16008 nylon locknut in matching offcuts. Length includes the head. Use a 5/32 in (3.97 mm) hex driver and the received nut's 7/16 in (11.11 mm) wrench. Hand-tighten slowly; stainless can seize, so stop rather than force binding threads.

2. Reference rear recess is 1 in (25.4 mm) diameter and 5/8 in (15.88 mm) deep, leaving 7/8 in (22.23 mm) of the 1 1/2 in (38.1 mm) post at its washer seat. Hold the loose post square under a stopped flat-bottom bit with backing and clamps. Confirm the actual socket outside diameter is no more than 7/8 in (22.23 mm) and can enter with clearance. Do not deepen the recess to make a wrong bolt fit.

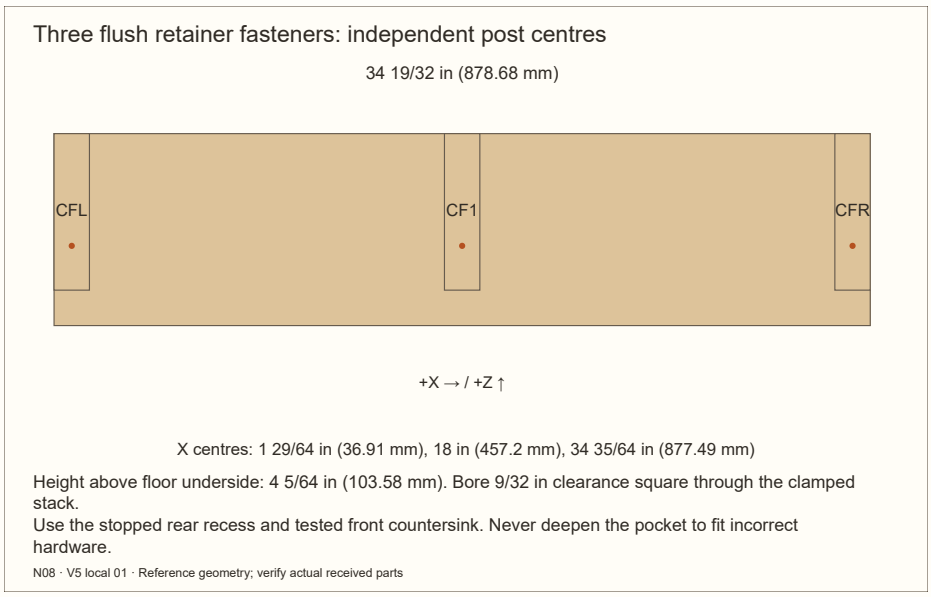
Check before continuing: Actual hardware and held sample satisfy socket, wood-bearing, thread and tip-clearance limits.

OP26 · Bore and fit the three flush retainer screws

Parts: CFL — Front retainer post; CF1 — Front retainer post; CFR — Front retainer post; BTL1 — Flush retainer machine screw, recessed interior washer and locknut; BT11 — Flush retainer machine screw, recessed interior washer and locknut; BTR1 — Flush retainer machine screw, recessed interior washer and locknut

Tools / setup: Measuring tape, square, pencil and the tools named below

Before you begin: Bolt and hardware dimensions are receiving checks; never infer structural capacity from bolt count.



Bore and fit the three flush retainer screws

1. Mark each post centre at 4 5/64 in (103.58 mm) above the outside floor underside, or 3 1/4 in (82.55 mm) above the finished floor. The revised centres avoid the side screw paths. Clamp the exact stack and drill 9/32 in (7.14 mm) clearance square through RB1/RB2/RB3 and the post. Use the tested 82-degree front countersink only deep enough for the received flat head to sit flush.

2. Insert the screw from outside. Inside its rear post recess, install one washer and the complete nylon locknut. Received washer must be at most 1/16 in (1.59 mm) thick for this reference stack. Require at least two full threads beyond the nylon and at least 1/16 in (1.59 mm) tip clearance below the post face. Tighten only to close the joint; do not crush wood or assign a torque from this drawing.

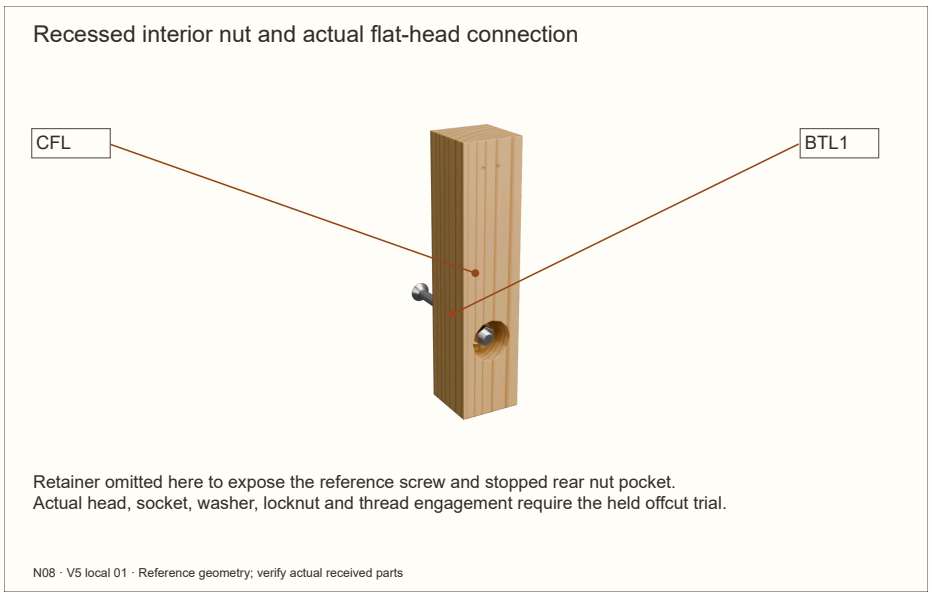
Check before continuing: Three joints close flat, threads fully engage and all tails remain safely recessed.

OP27 · Inspect and protect the recessed hardware

Parts: CFL — Front retainer post; CF1 — Front retainer post; CFR — Front retainer post; BTL1 — Flush retainer machine screw, recessed interior washer and locknut; BT11 — Flush retainer machine screw, recessed interior washer and locknut; BTR1 — Flush retainer machine screw, recessed interior washer and locknut

Tools / setup: Measuring tape, square, pencil and the tools named below

Before you begin: Bolt and hardware dimensions are receiving checks; never infer structural capacity from bolt count.



Inspect and protect the recessed hardware

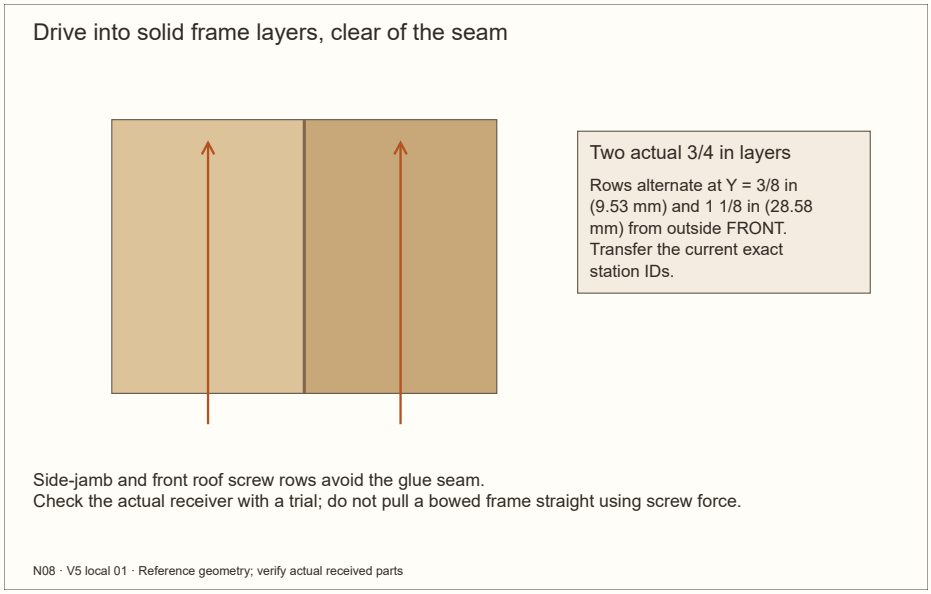
1. Check the post is flat, remaining wood intact and no metal edge can catch the liner. Keep a 0.55 in (13.97 mm) veneer service opening around each exterior flat head. Finish and fully cure the recess before reassembly; place supplementary loose underlay pads over the recessed hardware. No fastener pierces the membrane. Connection capacity and actual sample acceptance remain open holds.

Check before continuing: Reference bearing remains intact; surfaces are smooth and the accepted padding arrangement can be fitted.

OP28 · Fit the laminated jambs and header

Parts: F0L — L jamb layer; F1L — L jamb layer; F0R — R jamb layer; F1R — R jamb layer; F0T — Header layer; F1T — Header layer

Tools / setup: Measuring tape, square, pencil and the tools named below



Fit the laminated jambs and header

1. Set the laminated front frame on the retaining top. Align its front face with the retainer and sides. Both jambs must bear fully on the retainer; do not suspend them on screws.

2. Clamp the frame square. Drill #8 clearance through the side panels into stopped pilots in the jamb ends at the scheduled heights. Fit #8 × 2 in (50.8 mm) screws.

3. Measure the clear opening at the top, middle and bottom and its clear height at three positions. The reference width is 29 19/32 in (751.68 mm) and height 23 31/32 in (608.81 mm). Record the smallest values and both diagonals.

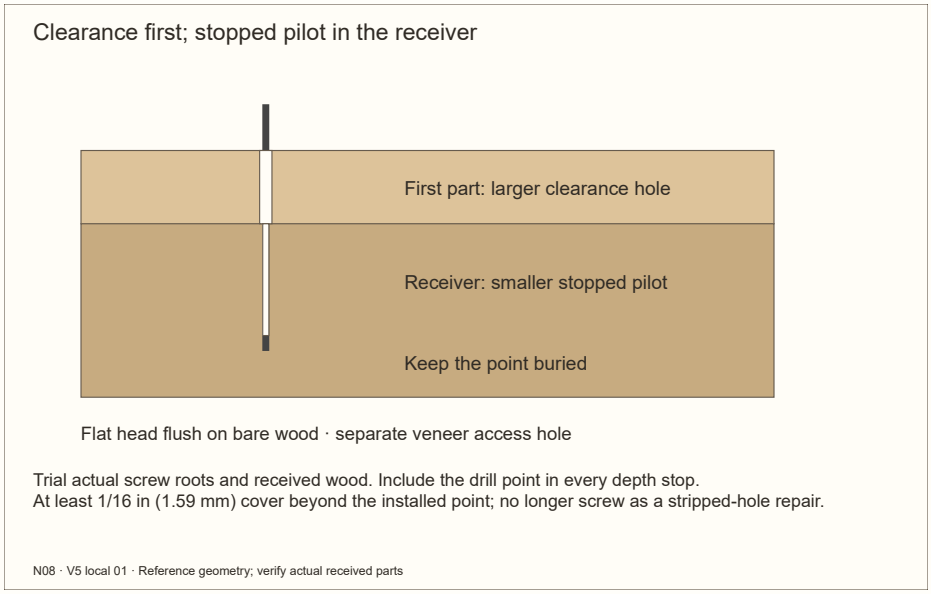
4. Lay a straightedge beneath the header and over the retainer. Correct any bow now. The detachable roof will later screw into the header and wood supports, further closing the box.

Check before continuing: The opening is square within 1/16 in (1.59 mm) and its upper/lower track faces are straight and parallel.

OP29 · Check receivers, stopped pilots and flush heads

Parts: Named parts shown in the picture

Tools / setup: Measuring tape, square, pencil and the tools named below



Check receivers, stopped pilots and flush heads

1. Compare the assembled shell with the part list and inspect every joint from both sides. Use the fastener-stations download to check that no receiver, through-member or screw is missing.

2. Make pilot tests in matching offcuts. The starting pilots are 7/64 in (2.78 mm) for #8, 3/32 in (2.38 mm) for #6 and 1/16 in (1.59 mm) for #4. Adjust for the actual wood and screw root; a split or spinning test means the setup is wrong.

3. Set the clearance depth separately from the receiver pilot. Use 11/64 in (4.37 mm), 9/64 in (3.57 mm) and 1/8 in (3.18 mm) starting clearance bits for #8, #6 and #4 respectively. Confirm head shape in a scrap countersink.

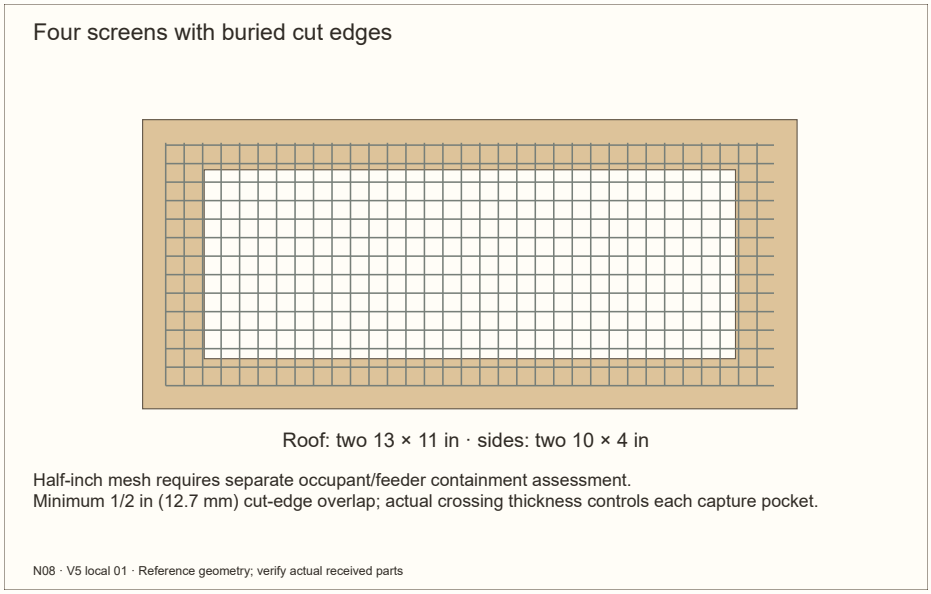
4. Keep at least 1/16 in (1.59 mm) undrilled wood beyond a screw point. Do not substitute a longer screw to repair a stripped hole; repair or replace its receiver and repeat the trial.

Check before continuing: No point, burr, split, hollow screw path or proud floor screw remains.

OP30 · Cut, deburr and label the four mesh pieces

Parts: ML — L ventilation mesh; MR — R ventilation mesh; MTL — Roof mesh; MTR — Roof mesh

Tools / setup: Measuring tape, square, pencil and the tools named below



Cut, deburr and label the four mesh pieces

1. Cut two roof pieces 13 in (330.2 mm) × 11 in (279.4 mm), and two side pieces 10 in (254 mm) × 4 in (101.6 mm), from the hardware-cloth roll. Wear eye protection and cut-resistant gloves while handling the cut edges.

2. Remove projecting wire ends and burrs. Keep a minimum 1/2 in (12.7 mm) mesh margin beyond each opening, fully under the capture strips. Do not leave a sharp wire end exposed to the room.

3. Check the mesh opening against the future occupant and feeder plan. This 1/2 in (12.7 mm) construction mesh will require a securely retained finer barrier for many occupants; do not treat it as universal animal containment.

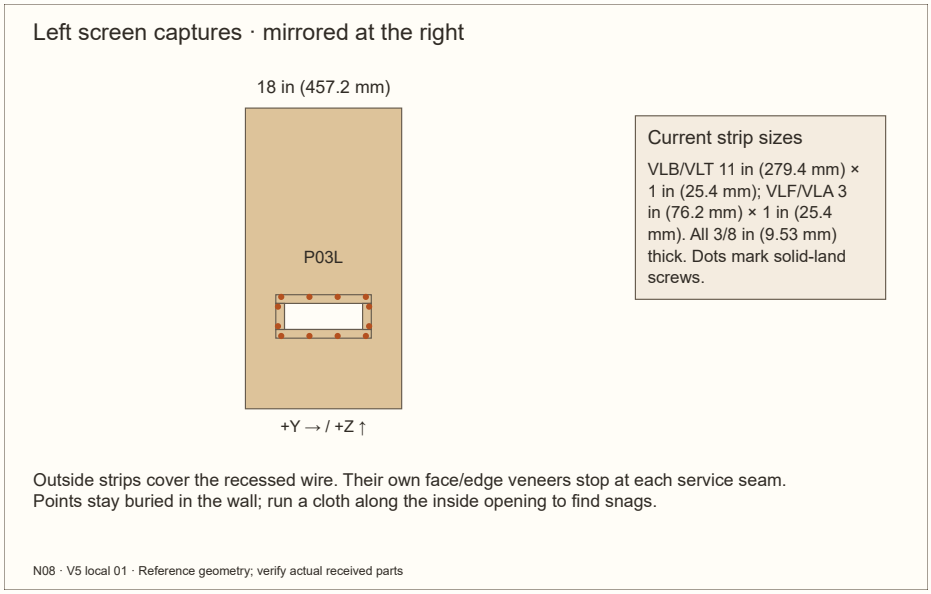
4. Label the two roof pieces and two side pieces. Store them flat until their capture strips are ready.

Check before continuing: All edges are smooth and will be enclosed; none of the four pieces is stretched, rusted or damaged.

OP31 · Capture both side screens on solid lands

Parts: ML, MR, VLB, VLT, VLF, VLA, VRB, VRT, VRF, VRA; use labeled picture and schedules

Tools / setup: Measuring tape, square, pencil and the tools named below



Capture both side screens on solid lands

1. Centre ML/MR over their own wall openings. Dry-seat all four widened captures with their routed pockets facing the wire. The outer solid lands must touch the wall; every wire crossing and cut end must fit inside its pocket.

2. Clamp the strips flat without bowing wire. Transfer the revised stations on the solid outer lands, outside the wire perimeter. Drill #6 clearance through each strip only, then a stopped pilot into the wall. Do not drill through a wire crossing.

3. Drive the #6 × 1 in (25.4 mm) screws until the strips hold the mesh firmly. With 3/8 in (9.53 mm) captures and the reference plywood, the points must stay buried; verify from inside after every group.

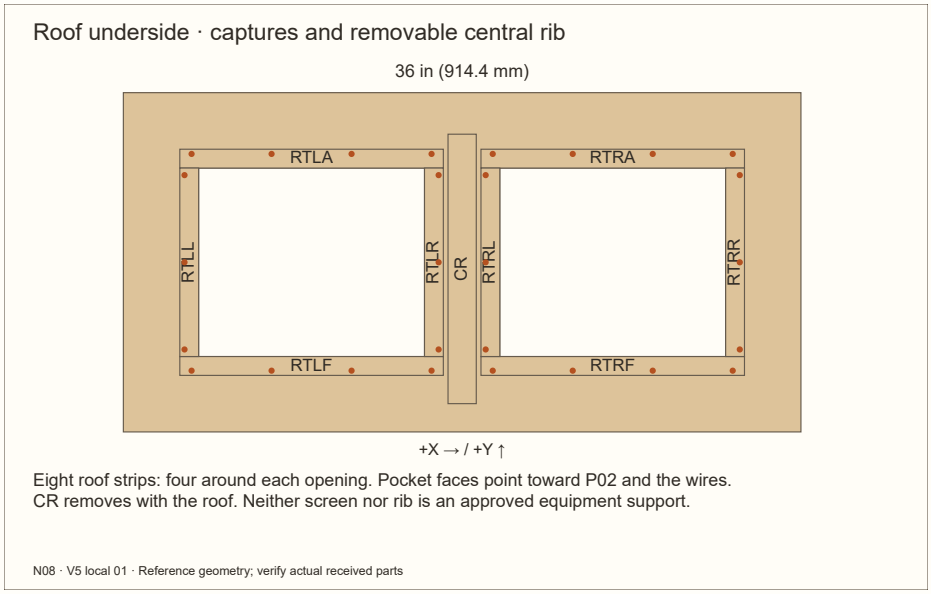
4. Run a cloth along the entire interior reveal and gently press the mesh perimeter. Fix any snag or loose edge. Remove the assemblies again during the finishing step, preserving the labels.

Check before continuing: There is no accessible cut wire or loose mesh edge; the opening remains above the fill line.

OP32 · Build the removable screened roof

Parts: P02, CR, MTL, MTR, RTLF, RTLA, RTRF, RTRA, RTLL, RTLR, RTRL, RTRR; use labeled picture and schedules

Tools / setup: Measuring tape, square, pencil and the tools named below



Build the removable screened roof

1. Place the roof underside up on padded supports. Fit CR between the front frame position and rear upper wood support, with centre 18 in (457.2 mm) from the left outside edge. The rib lies beneath the solid web between openings. Transfer their top-down #8 screw stations through the roof into each rib.

2. Centre MTL/MTR under the roof openings. Seat their eight 1 in (25.4 mm) captures with routed pockets toward the wire and solid lands flat against the roof. Transfer the revised outer-land stations, drill clearance through strips and stopped pilots in P02, then fit #6 × 1 in (25.4 mm) screws flush.

3. Turn the roof with a helper and check every point remains beneath the outer face. The rib sits between the openings and ends against the rear wood support; the vent borders stay fully supported.

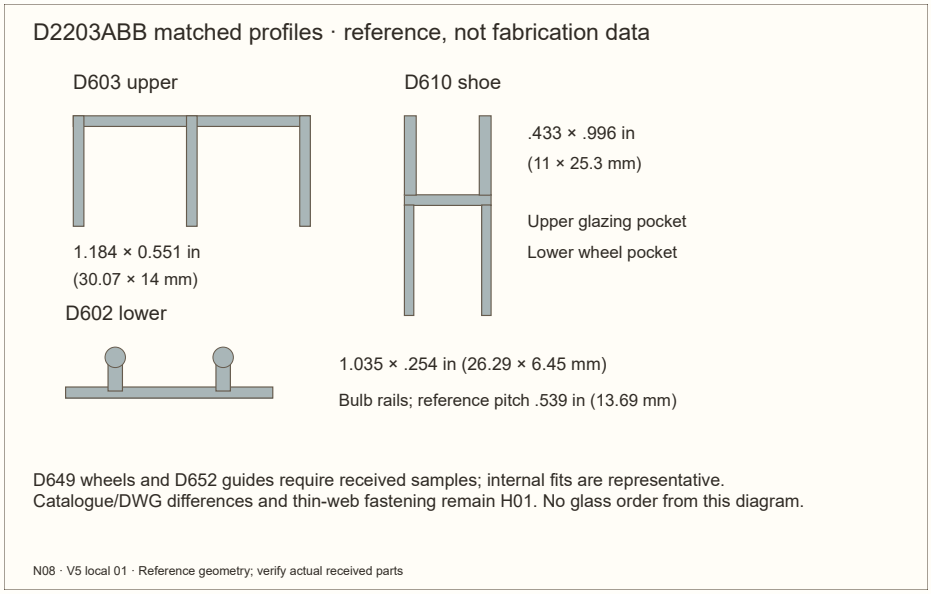
4. Dry-seat the roof on the shell and transfer the final roof screw holes. Leave them unfastened until the later access work is complete. The roof and mesh are not shelves; heat and light fixtures require separately supported, specifically qualified equipment.

Check before continuing: The roof sits flat, its wire edges are enclosed and it can lift off without catching the frame.

OP33 · Cut and deburr the accepted profiles

Parts: TRACK-B — D602 lower rail; TRACK-T — D603 upper channel; JAMBL — D603 vertical jamb receiver; JAMBR — D603 vertical jamb receiver; STOPLF — Bond-retained neoprene jamb cushion; STOPLB — Bond-retained neoprene jamb cushion; STOPRF — Bond-retained neoprene jamb cushion; STOPRB — Bond-retained neoprene jamb cushion

Tools / setup: Measuring tape, square, pencil and the tools named below



Cut and deburr the accepted profiles

1. After H01 acceptance, cut two vertical D603A jambs from the reserved half of the D603 kit stock to fit between the lower rail and upper channel. The reference jamb length is 23.16375 in (588.36 mm). Clamp the extrusion with protected jaws, use a square guided metal cut and file every burr. Keep swarf out of channels.

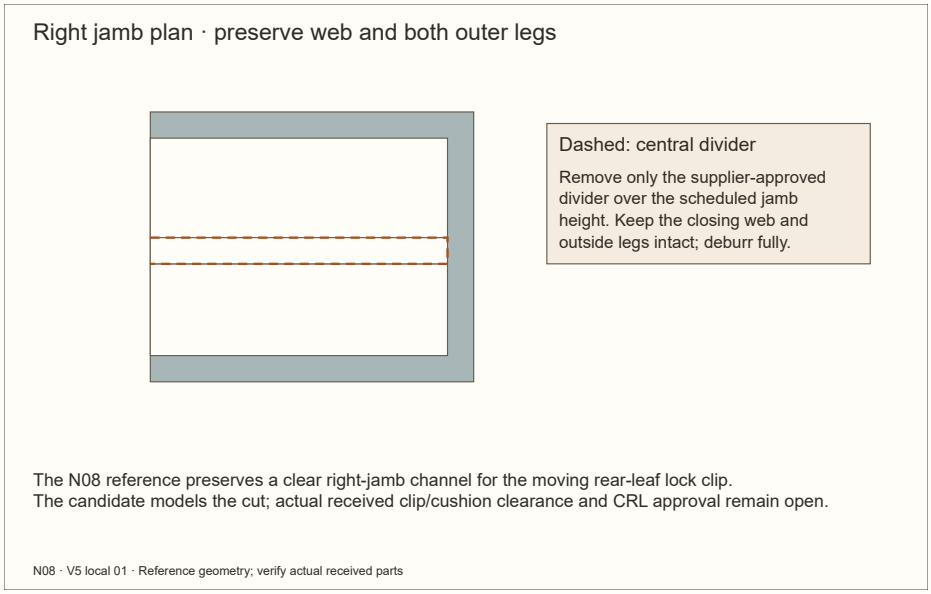
2. Cut the horizontal D602 and D603 from their designated kit lengths to the accepted cushion-to-cushion fit. Both reference lengths are 29.36275 in (745.81 mm). Cut each D610 shoe from the 144 in (3657.6 mm) D610 stock after confirming received usable length and shipping cuts, wheel retention and the glass-order allowance. Do not rip a profile to the schematic lane width in a stock drawing.

Check before continuing: Each labeled profile has its accepted fitted length, square ends and no sharp burrs; factory sections and wheel retention are intact.

OP34 · Fit the jambs and approved divider relief

Parts: TRACK-B — D602 lower rail; TRACK-T — D603 upper channel; JAMBL — D603 vertical jamb receiver; JAMBR — D603 vertical jamb receiver; STOPLF — Bond-retained neoprene jamb cushion; STOPLB — Bond-retained neoprene jamb cushion; STOPRF — Bond-retained neoprene jamb cushion; STOPRB — Bond-retained neoprene jamb cushion

Tools / setup: Measuring tape, square, pencil and the tools named below



Fit the jambs and approved divider relief

1. Only after supplier approval, remove the right-jamb central divider over the specified full jamb height, preserving its web and outer legs. Smooth the cut completely. This lets the rear-leaf lock clip approach the closing cushion. Trial the exact clip; if CRL rejects the change, redesign the closure before purchase/construction.

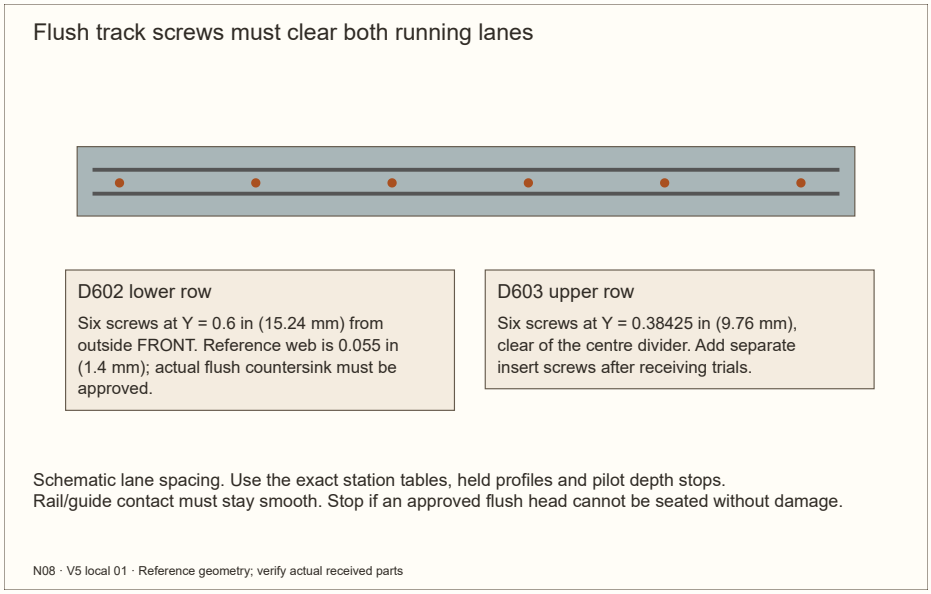
2. Secure the vertical jamb webs flush: left screws in the front lane, right screws in the rear lane. Use the exact stations. Keep track seats bare and unchanged; veneer and finish must stop at traced bearing footprints.

Check before continuing: Accepted jamb relief is smooth, webs and outer legs are intact, and flush jamb screws leave the guide and closing paths clear.

OP35 · Align and fasten the rolling tracks

Parts: TRACK-B — D602 lower rail; TRACK-T — D603 upper channel; JAMBL — D603 vertical jamb receiver; JAMBR — D603 vertical jamb receiver; STOPLF — Bond-retained neoprene jamb cushion; STOPLB — Bond-retained neoprene jamb cushion; STOPRF — Bond-retained neoprene jamb cushion; STOPRB — Bond-retained neoprene jamb cushion

Tools / setup: Measuring tape, square, pencil and the tools named below



Align and fasten the rolling tracks

1. Align D602 with the corresponding D603 lanes using the complete gauge, plumb strip and straightedge. The published lane spacings differ slightly. Transfer the lower-web row at Y = 0.6 in (15.24 mm) and the upper row at Y = 0.38425 in (9.76 mm); upper screws must clear the centre divider. These are assembly distances from the outside front.

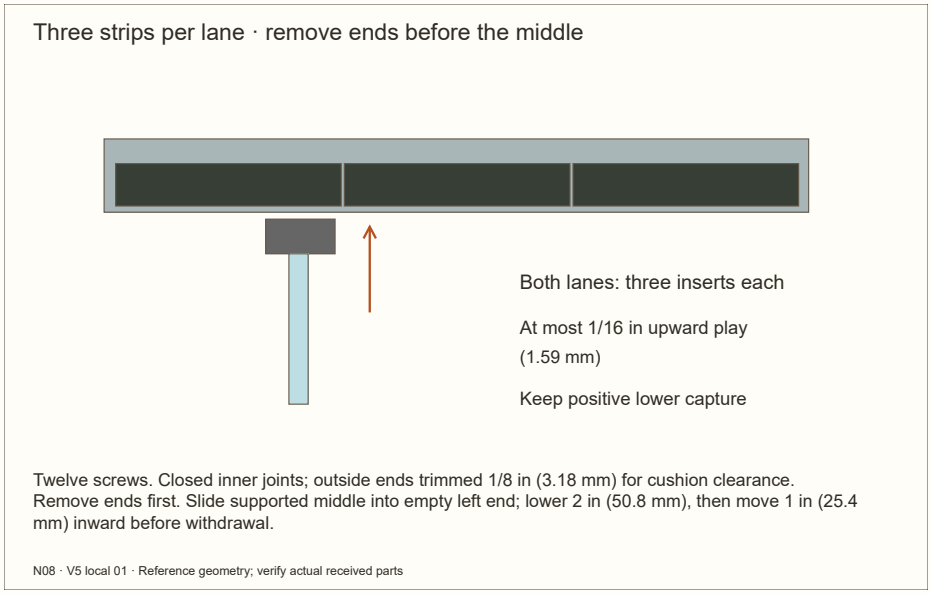
2. Use only supplier-approved thin-web countersinks matching the actual #4 flat heads. Drill clearance through metal, then stopped pilots into the named wood receiver. Fit #4 × 3/4 in (19.05 mm) screws by hand. Six lower, six upper and six jamb screws are installed at this stage. Roll both gauge leaves end to end; no head may meet a wheel, guide or glass.

Check before continuing: Both gauge leaves move freely with consistent engagement; mounting heads never touch the wheels or guides.

OP36 · Predrill the removable anti-lift inserts

Parts: ALF1 / ALF2 / ALF3 / ALB1 / ALB2 / ALB3 — six HDPE strips; twelve #4 × 3/4-inch screws; upper track and header

Tools / setup: Measuring tape, square, pencil and the tools named below



Predrill the removable anti-lift inserts

1. With the accepted closure gauge and received guide fully seated, measure the free space above each D652 guide. Machine the HDPE strips from broad safely held stock to fit each upper-channel lane, leaving at most 1/16 in (1.59 mm) upward movement. The reference thickness is illustrative; the received guide and extrusion govern.

2. Use three strips per lane, with two closed internal butt joints. The outside ends stop 1/8 in (3.18 mm) short of the former full-lane ends, leaving 0.122 in (3.1 mm) reference clearance to the cured cushions. End-strip length is 9.663 in (245.44 mm); middle length is 9.788 in (248.62 mm). Trial both guides throughout full travel: no guide may escape through a service gap.

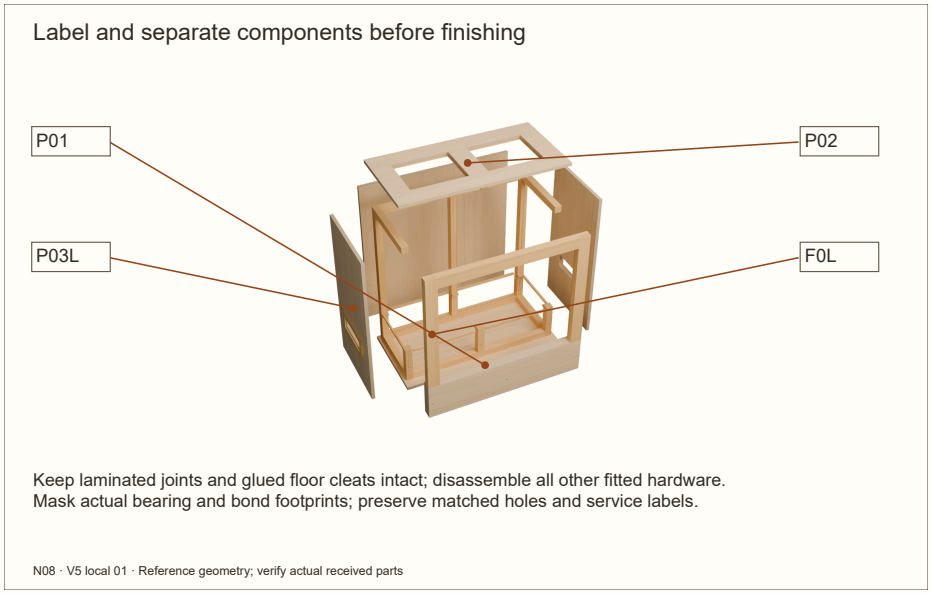
3. Remove glass before transferring the twelve insert stations from the current table. The original eight positions are retained and four inner-end positions are added. Drill clearance through each supported HDPE strip and the accepted upper-track web, then stopped pilots in the named header layer. Countersink the strip heads flush. Mark each ID and orientation; trial the actual driver with panes parked opposite each screw.

Check before continuing: Gauge confirms continuous upper capture; all holes are prepared before coating.

OP37 · Disassemble, sand and mask the wood

Parts: Named parts shown in the picture

Tools / setup: Measuring tape, square, pencil and the tools named below



Disassemble, sand and mask the wood

1. Photograph and label the complete hardware dry fit, including all anti-lift holes, lock and pull positions, and the supported removal trial with the accepted closure gauge and sample. Final panes are ordered only after the cured assembly is measured. Remove hardware, captures, roof, walls, frame and retainer for finishing. Keep the glued floor/cleat and laminated frame/retainer assemblies intact.

2. Sand from 120 to 220 grit along the grain. Ease all liner-contact edges; vacuum dust and wipe with a clean lint-free cloth. Fill no structural defect with finish; replace damaged material.

3. Keep glass, rollers, mesh and liner away from sanding and coating. Mask bare glue faces and all actual track/bond/bearing footprints. Use the supplier-approved substrate preparation beneath veneer. No glue joint may rely on an unapproved cured coating.

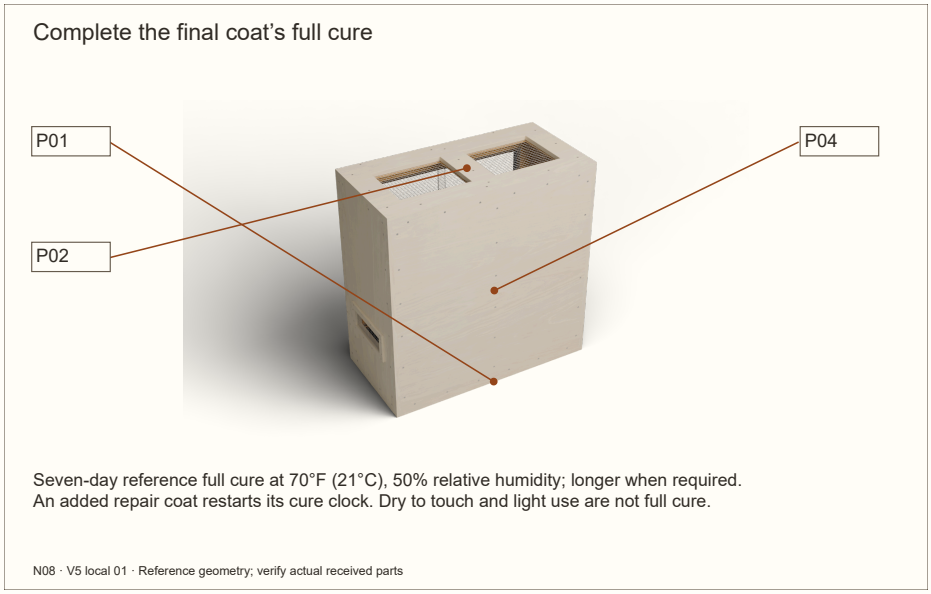
4. The calculated one-coat planning area is 146.56 square feet (13.62 square metres), including conservative rectangular wood faces, veneer topcoat, samples and contingency. It needs 3 US quart cans (0.946 L each); buy 2 two-can packs. Extra coats or balancing layers need new quantities.

Check before continuing: Wood is clean and dry, the liner path is smooth and all fittings are labelled for reinstatement.

OP38 · Apply the accepted wood sealer

Parts: Named parts shown in the picture

Tools / setup: Measuring tape, square, pencil and the tools named below



Apply the accepted wood sealer

1. Check the can is Varathane Triple Thick clear satin water-based polyurethane, manufacturer 284473. The selected Lowe's pack contains two quart cans. Stir; do not shake. Follow the received label and use a quality synthetic-bristle brush.

2. Apply the manufacturer-approved sealer/topcoat sequence to the exposed wood, edges and reveals, while keeping all marked bare bearing and bond seats masked. The label application range is 60–90°F (16–32°C) below 85% relative humidity. Use ventilation and label protective equipment. The veneer supplier must accept the actual cured substrate.

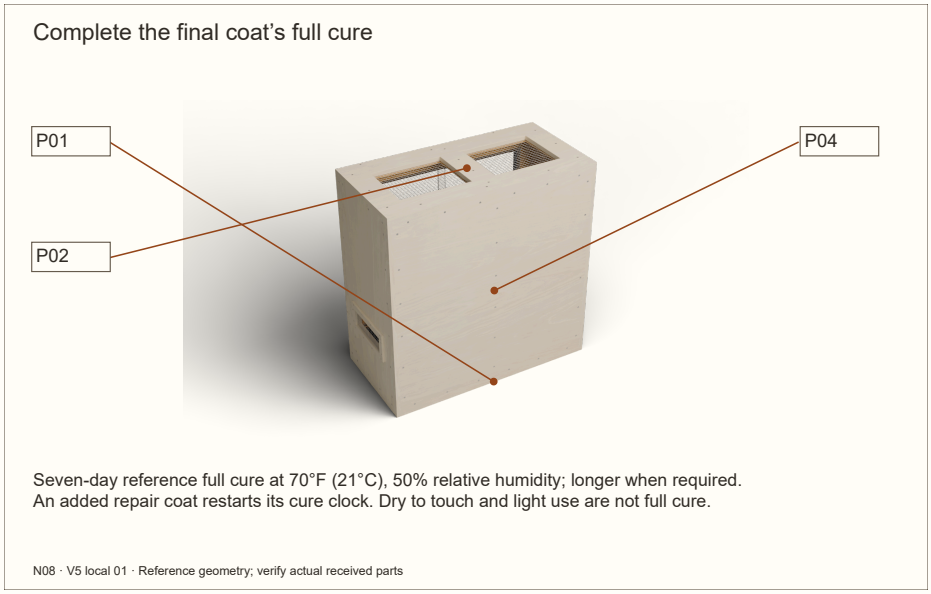
Check before continuing: Correct product and conditions; every required face and reveal coated, masked seats preserved.

Required wait: Follow the received application and recoat directions; the full cure is recorded in the next operation.

OP39 · Record and complete the wood coating's full cure

Parts: Named parts shown in the picture

Tools / setup: Measuring tape, square, pencil and the tools named below



Record and complete the wood coating's full cure

1. Record the time and conditions of the final applied coat. Full cure is seven days at 70°F (21°C) and 50% relative humidity (RH) with ventilation; adverse conditions need longer under the manufacturer's directions. Two-hour recoat and 48-hour light-use times are not full cure.

2. If repair coverage is needed, follow the 220-grit intercoat preparation and recoat instructions; add its coat area to the quantity record and restart the final-coat cure clock. Inspect the dry film for missed end grain, runs, tackiness and damage.

3. This coating protects an ordinary indoor wood shell. The separate liner takes the damp bed; do not rely on polyurethane or wood glue as an immersed joint seal.

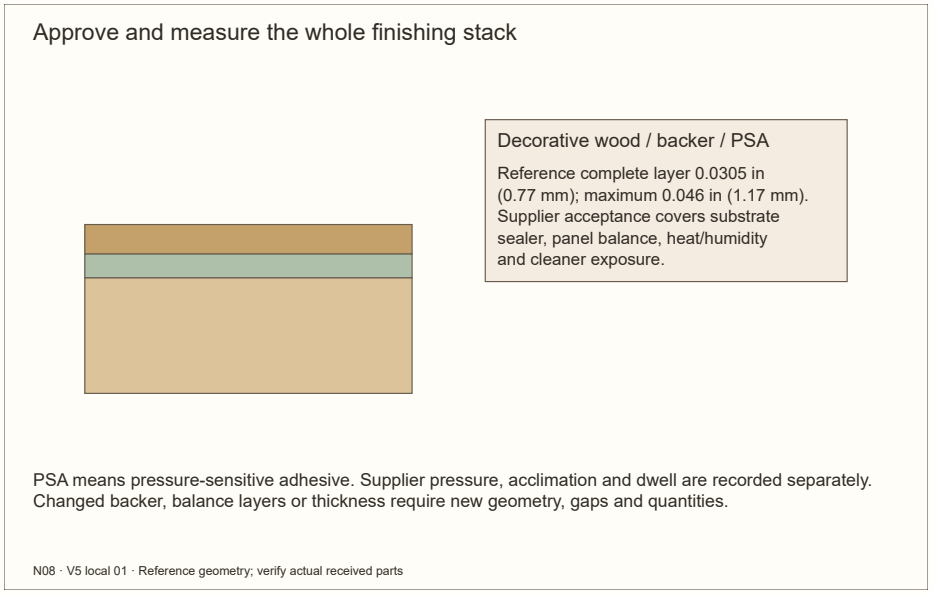
Check before continuing: The recorded full-cure period has passed under suitable conditions and every coated surface is intact.

Required wait: Full cure: seven days at 70°F (21°C), 50% relative humidity (RH); longer when required

OP40 · Approve the complete veneer sample

Parts: Veneer trial piece and complete finishing system

Tools / setup: Measuring tape, square, pencil and the tools named below



Approve the complete veneer sample

1. Use the actual substrate, sealer, selected veneer/backer/PSA and topcoat on a spare piece. PSA means pressure-sensitive adhesive. Supplier instructions control cleaning, acclimation, application pressure and dwell; no unsupported dwell time is substituted.

2. Measure the whole cured layer. The reference is 0.0305 in (0.77 mm); maximum 0.046 in (1.17 mm) before this design must be recalculated. Confirm one-sided panel balance and inspect after the intended humidity, heat and cleaning exposure.

3. Keep metal and cushion-bond footprints bare. The sample must remain flat and well bonded, with no lifting corners, bubbles or coating damage. Record the supplier-approved wait and the completed result.

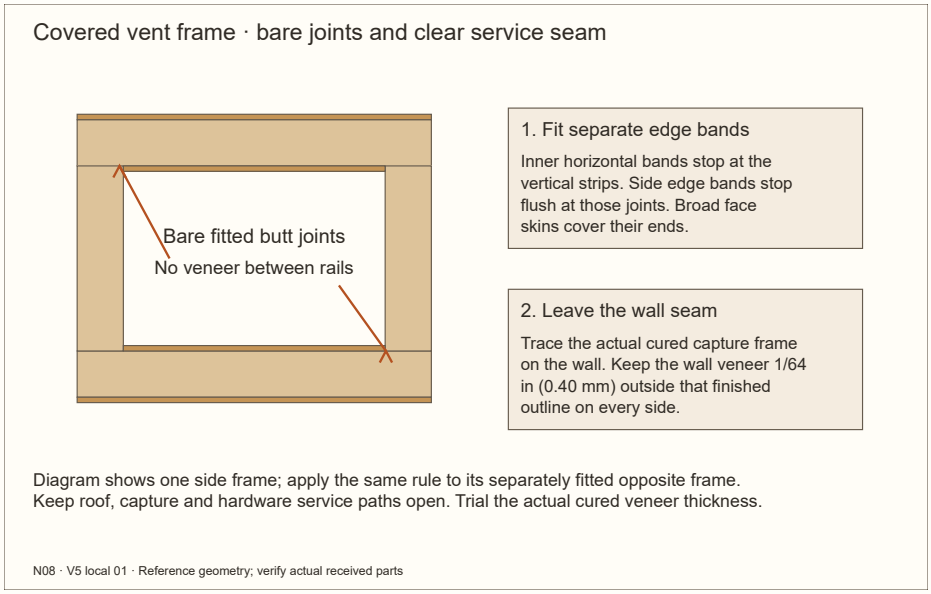
Check before continuing: Approved sample is flat, secure and within the coordinated stack limit.

Required wait: Complete supplier-confirmed acclimation and adhesive dwell plus the received topcoat full cure.

OP41 · Cut and apply the matching edge strips

Parts: All scheduled edge and reveal V-pieces

Tools / setup: Measuring tape, square, pencil and the tools named below



Cut and apply the matching edge strips

1. Use the VENEER layouts and labeled V-pieces. Put grain along each scheduled grain axis. Cover the floor/roof edges, exposed wall edges, roof-opening reveals, vent lips and external capture edges before their broad faces.

2. Cut oversized blanks on a sacrificial board with a sharp knife and straightedge. Use repeated shallow passes; keep fingers behind the cut. Transfer actual traced bearing footprints before peeling backing.

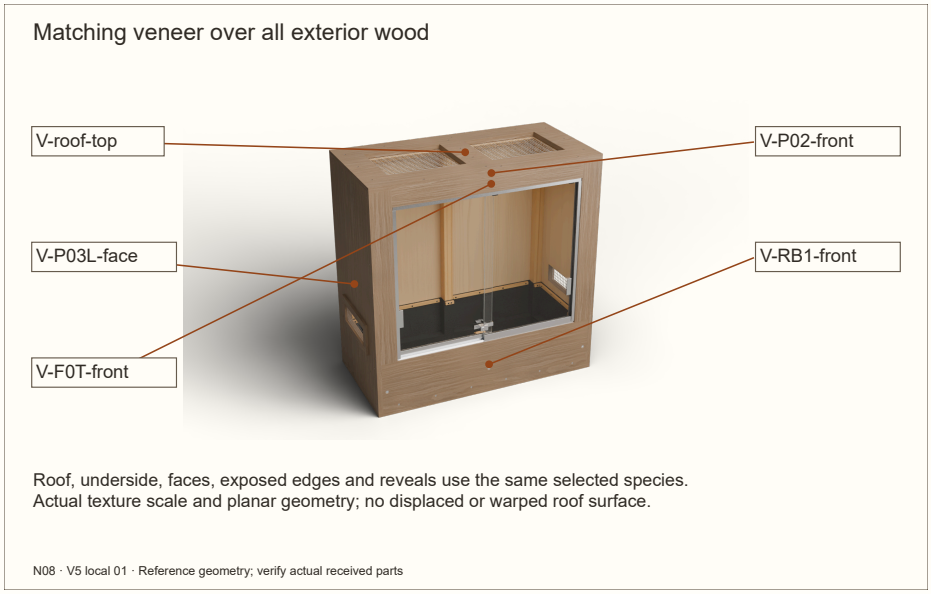
3. Apply the accepted PSA system with the specified firm scraper/pressure. Support fibers while trimming flush, then ease edges lightly. Do not bend veneer around a sharp plywood edge or bridge a removable seam.

Check before continuing: Exposed plywood layers are covered; hardware seats and service seams remain usable.

OP42 · Veneer the complete outside faces

Parts: All face V-pieces; separate roof, body and captures

Tools / setup: Measuring tape, square, pencil and the tools named below



Veneer the complete outside faces

1. Apply the scheduled roof top, floor underside, sides, back, front frame, retainer front and external capture faces. Face veneers cover the ends of their matching edge strips. Keep roof grain straight and widthwise, including the front edge.

2. Trace openings from the actual parts, cut from the supported side and preserve all margins. Keep separate skins on the removable roof and each capture. Do not cover an assembly screw or the bare track footprint.

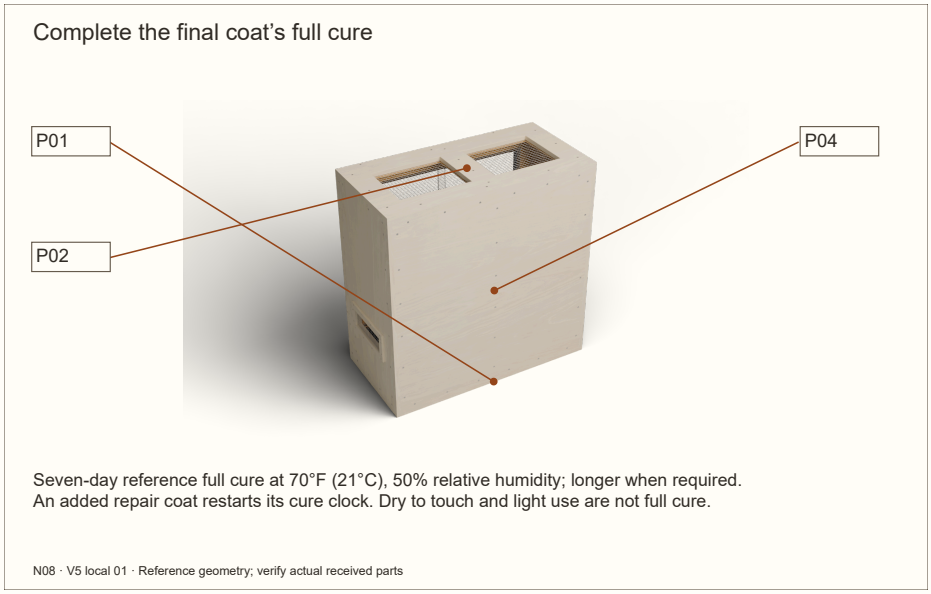
3. Open the scheduled full-depth screw-head access holes with supported tooling after the dry trial. Heads remain flush on their original wood datum. Inspect all outside corners and reveals before the final topcoat.

Check before continuing: Uniform chosen species covers faces, roof and edges without blocking removal or rolling hardware.

OP43 · Topcoat veneer and finish the full cure

Parts: Finished exterior and coating record

Tools / setup: Measuring tape, square, pencil and the tools named below



Topcoat veneer and finish the full cure

1. Use the supplier-approved topcoat on the accepted veneer system. Protect marked track, cushion-bond and bare bearing seats; keep all service holes clear. Record application conditions and final coat time.

2. The selected coating's reference full cure is seven days at 70°F (21°C) and 50% relative humidity. Follow the received label if conditions require longer. Recoat/light-use times do not establish full cure.

3. Inspect for bubbles, lifted edges, runs, tackiness and warp. Repair using an approved method and restart the affected cure clock. Recheck total layer thickness and flatness before final assembly.

Check before continuing: All affected surfaces are fully cured, flat and intact.

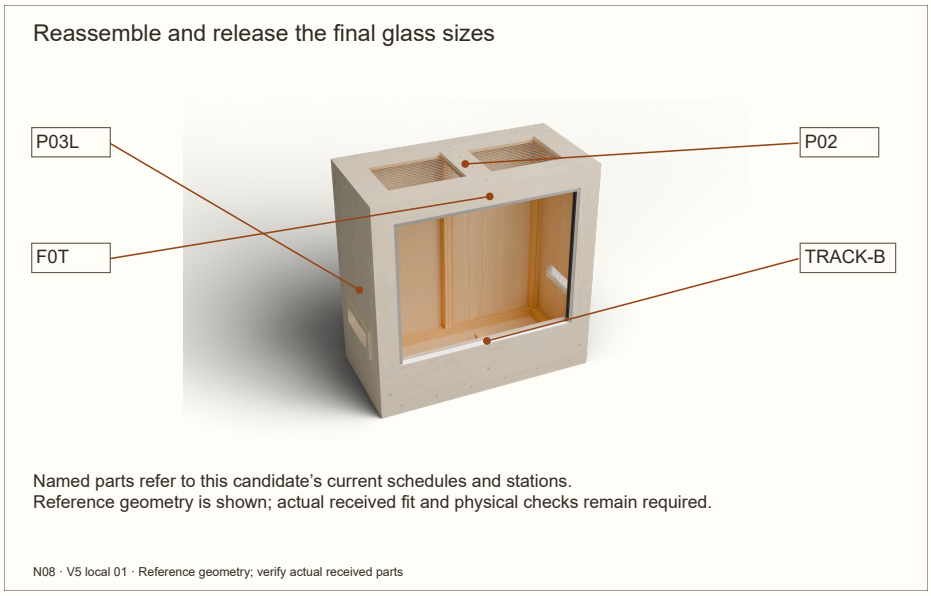
Required wait: Seven-day reference full cure after the final coat; longer when actual conditions or the received label require.

OP44 · Reassemble the cured body and tracks

Parts: Named parts shown in the picture

Tools / setup: Measuring tape, square, pencil and the tools named below

Before you begin: Reference glass dimensions are not a blind ordering instruction.



Reassemble the cured body and tracks

1. Reassemble the labelled shell, three front posts, three complete flush machine-screw sets, frame, captures and tracks in their matched holes. The interior nuts must be reached before underlay and liner cover them. Recheck reference threads and recessed tips without crushing the cured wood or finish. Confirm full support, diagonals, bearing lands, alignment and the accepted closure-gauge removal trial.

Check before continuing: The cured shell is square and supported, captures bear flat, and reinstalled tracks pass the accepted gauge and removal trials.

OP45 · Bond the four accepted jamb cushions

Parts: STOPLF/STOPLB/STOPRF/STOPRB and accepted contact bond

Tools / setup: Measuring tape, square, pencil and the tools named below

Bond the four accepted jamb cushions

1. Use DAP Weldwood Original 00271 only after CRL/DAP approval of the received anodized aluminium and plain neoprene. Trial cleaning and two-face coating on matching offcuts. Never use this bond on EPDM, glass or HDPE.

2. Cut four 23.16375 in (588.36 mm) × 0.28 in (7.11 mm) × 1/16 in (1.59 mm) strips. They fit between the horizontal tracks, with no tabs across the rails. Mask adjacent channels and apply the accepted thin contact-bond film by its label.

3. Fit each strip on its named jamb lane, press as specified and leave it undisturbed. The model film is 0.003 in (0.08 mm); measure the actual cured stack before glass sizing. Reject lifting edges or movement during repeated sample closing/service trials.

Check before continuing: Four cushions are secure, correctly placed and clear of track/guide paths.

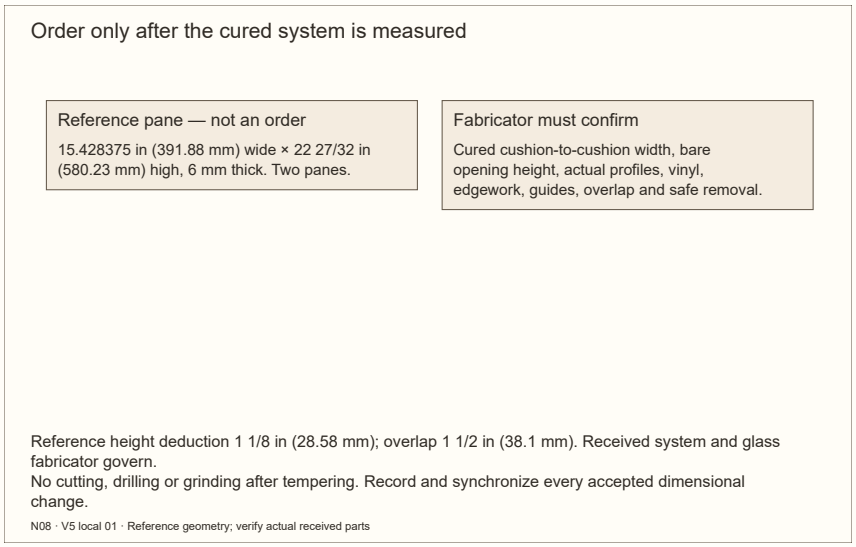
Required wait: Seven days to the published maximum-strength reference; follow actual label and supplier requirements.

OP46 · Measure and release the final glass order

Parts: Named parts shown in the picture

Tools / setup: Measuring tape, square, pencil and the tools named below

Before you begin: Reference glass dimensions are not a blind ordering instruction.



Measure and release the final glass order

1. Install the four accepted bond-retained cushions between the horizontal tracks and complete their full cure. Then measure the smallest width between their cured contact faces and the bare seat-to-seat opening height. Give the glass fabricator the actual track, shoe, vinyl, guide and lock samples with those measurements.

2. Reference pane size is 15.428375 in (391.88 mm) wide × 22 27/32 in (580.23 mm) high × 6 mm thick, approximately 7.52 lb (3.41 kg) per pane. These are NOT order dimensions. Width starts from (measured cushion-to-cushion width + accepted overlap) ÷ two; height starts from measured bare opening minus the accepted profile deduction. The fabricator confirms all final allowances.

3. Resolve the GC728C listing conflict before glazing: the kit recommends it for 6 mm glass while the current vinyl page lists a different glass-thickness range. CRL must identify the exact received vinyl and fit. Confirm polished edges, corner treatment, tolerances and monolithic tempered glass. All fabrication happens before tempering; never drill, trim or grind a tempered pane on site.

4. Record both accepted final pane cuts and revise the coordinated specification if they differ. The D649 maker calls for four rollers on larger panes up to fifteen square feet; the complete kit suggests no more than 36 in (914.4 mm) × 48 in (1219.2 mm) per panel. This smaller two-roller reference pane is about 2.448 square feet (0.227 square metres). That comparison is not a load rating or approval of the altered closure.

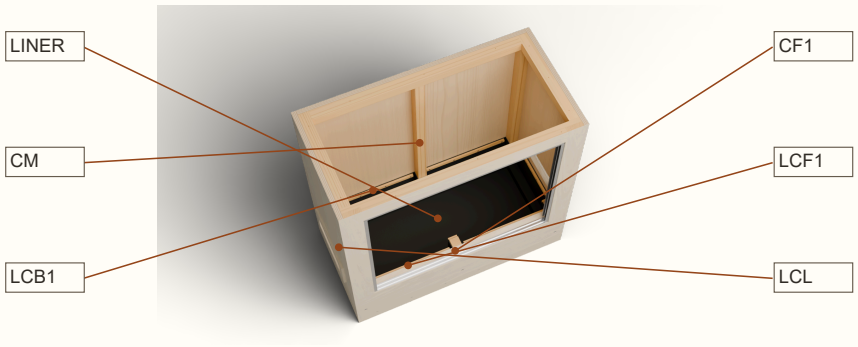
Check before continuing: The final measured opening, exact profiles and supplier-confirmed glass cuts are recorded; the panes are within the kit's stated size guidance.

OP47 · Lay protective underlay and the one-piece liner

Parts: LINER, LCL, LCR, LCF1, LCF2, LCB1, LCB2, LCQL, LCQ1, LCQR, LCPL, LCP1, LCPR; use labeled picture and schedules

Tools / setup: Measuring tape, square, pencil and the tools named below

One-piece membrane over the four cleats and six posts



Cut 64 in (1625.6 mm) × 44 in (1117.6 mm) rough blanks for liner and underlay; keep corners intact.
Model shows dressed reference surfaces. Actual uncut fold bulk and clamp fit require the material trial.

N08 · V5 local 01 · Reference geometry; verify actual received parts

Lay protective underlay and the one-piece liner

1. With roof and doors off, cut one 64 in (1625.6 mm) × 44 in (1117.6 mm) underlay blank and one matching EPDM blank. Keep their centers marked and corners intact. Vacuum the clean floor and dress every sharp support edge. The larger rough blank allows folding and handling; it is not the installed basin size.

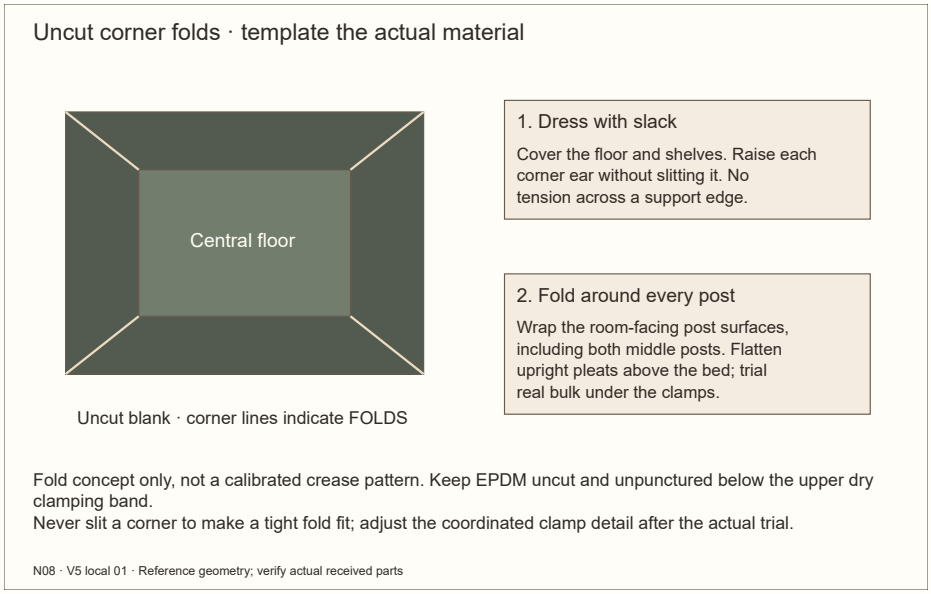
2. Lay the soft underlay over every contact face, including the central floor, four cleat shelves and all six front/rear posts. Place supplementary loose protective pads over each recessed nut pocket; actual bulk must fit without pulling the liner tight. Place the liner above it with slack. Work from the floor center outward; do not stretch it between supports or hang it from clamps. The model separately shows the reference protective layer.

Check before continuing: Underlay covers every contact face; the intact liner lies slack on the floor and supports without bridging or sharp contact.

OP48 · Fold corners and mark the actual liner heights

Parts: LINER, LCL, LCR, LCF1, LCF2, LCB1, LCB2, LCQL, LCQ1, LCQR, LCPL, LCP1, LCPR; use labeled picture and schedules

Tools / setup: Measuring tape, square, pencil and the tools named below



Fold corners and mark the actual liner heights

1. At each corner, raise an uncut diagonal ear. Dress the liner over the cleats and around all three front posts and all three rear uprights on their room-facing surfaces; never force it through or behind a fixed post. Fold surplus into upright pleats; do not slit, staple or splice below the clamp line. Use the actual-material trial to decide the fold direction and bulk.

2. Check the actual central finished-floor elevation with a straightedge and depth gauge. Mark maximum total bed 6 in (152.4 mm) above it, clamp screw centers 7 3/8 in (187.33 mm) above it and final liner top 7 3/4 in (196.85 mm) above it. If the compressed/folded stack changes those positions or clamp bearing, stop and revise the dimensions. Keep liner below the retainer top and clear of tracks.

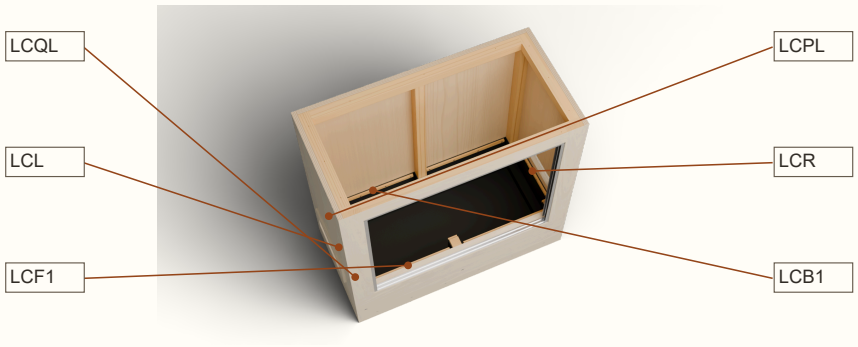
Check before continuing: Uncut folds fit without tension; bed, clamp and top lines are transferred from the measured central liner floor.

OP49 · Fasten the twelve removable liner clamps

Parts: LINER, LCL, LCR, LCF1, LCF2, LCB1, LCB2, LCQL, LCQ1, LCQR, LCPL, LCP1, LCPR; use labeled picture and schedules

Tools / setup: Measuring tape, square, pencil and the tools named below

Short post clamps go on before the long side clamps



Fit all six LCQ/LCP post clamps, then four LCF/LCB strips, then LCL/LCR. Remove sides first.
Dry band: 7 1/8 in (180.98 mm)–7 5/8 in (193.68 mm); screw centers: 7 3/8 in (187.33 mm) above central liner floor. Pre-drill wood separately.

N08 · V5 local 01 · Reference geometry; verify actual received parts

Fasten the twelve removable liner clamps

1. Install all six short rounded post clamps LCQL/LCQ1/LCQR and LCPL/LCP1/LCPR first while the long side clamps are absent; this preserves straight driver access. Then fit LCB1/LCB2 and LCF1/LCF2, followed by LCL/LCR. Dry-fit the actual folds beneath each strip before holes. Transfer the exact screw centers halfway across each 1/2 in (12.7 mm) strip; only the scheduled screws pierce the upper dry band, from 7 1/8 in (180.98 mm) to 7 5/8 in (193.68 mm) above the actual central liner floor; their centers are 7 3/8 in (187.33 mm) above that floor. The basin below 7 1/8 in (180.98 mm) remains uncut and unpunctured.

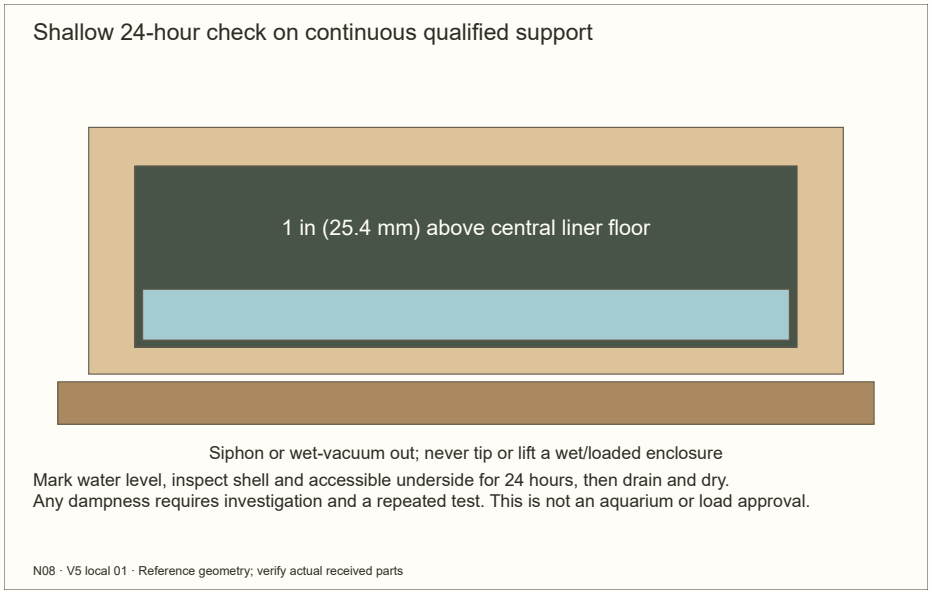
2. Pre-drill clearance through each held wood clamp and a stopped #6 pilot in its wood receiver with the liner lifted away. Return the liner and underlay, then make only the scheduled small screw punctures by hand under the clamp. Never drill loose membrane around a rotating bit. Fit the listed #6 × 1 in (25.4 mm) screws without crushing or cutting the liner. Round clamp edges, keep corners smooth and check buried tips. Trim excess only above the final top line after the entire dry fit is accepted.

Check before continuing: All twelve clamps bear on the accepted folds; only the planned upper clamp holes puncture the liner, and the basin below them is intact.

OP50 · Complete the 24-hour shallow liner check

Parts: LINER, LCL, LCR, LCF1, LCF2, LCB1, LCB2, LCQL, LCQ1, LCQR, LCPL, LCP1, LCPR; use labeled picture and schedules

Tools / setup: Measuring tape, square, pencil and the tools named below



Complete the 24-hour shallow liner check

1. On qualified continuous support, add 1 in (25.4 mm) of water above the central floor for 24 hours before substrate. Mark the level and inspect the shell/accessible underside for dampness. The rectangular upper water estimate is 2.24 US gallons (8.48 L); cleats displace some water. This is a shallow leak check, not aquarium approval.

2. Siphon or wet-vacuum the water out; never tip the box. Dry it and investigate any moisture, tears, stressed folds or moved clamps. Repair or replace the membrane using an accepted method, then repeat the full check. Do not cover a failed test with substrate.

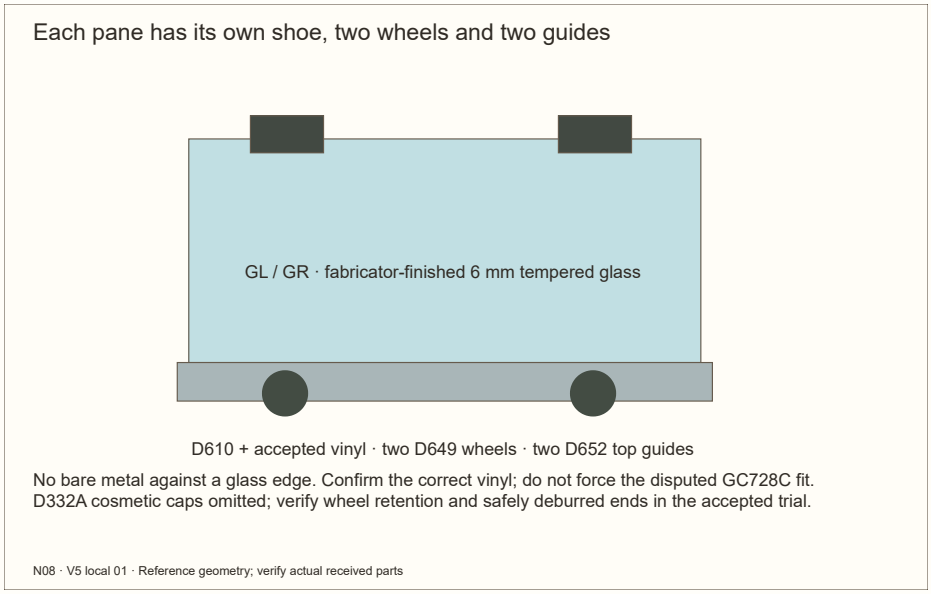
Check before continuing: The recorded 24-hour shallow test shows no leak or shell dampness; water is removed and the liner and shell are dry.

Required wait: Inspect a 24-hour shallow water test before filling

OP51 · Glaze each shoe and fit its wheels and guides

Parts: GL, GR, HL, HR, WHL1, WHL2, WHR1, WHR2, TGL1, TGL2, TGR1, TGR2; use labeled picture and schedules

Tools / setup: Measuring tape, square, pencil and the tools named below



Glaze each shoe and fit its wheels and guides

1. Inspect the fabricator-supplied tempered panes for chips and cracks on a clean padded bench with a helper. Fit the supplier-confirmed glazing vinyl in each D610 shoe and seat the glass evenly using received instructions. Do not force a disputed vinyl or let bare metal touch a polished glass edge.

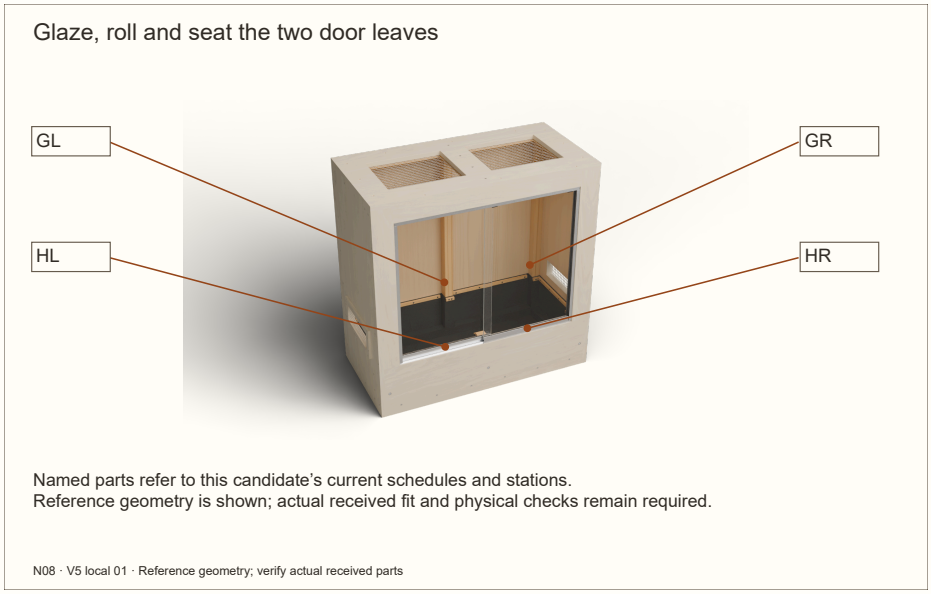
2. Install two D649 wheel assemblies and two D652 guides per pane at the accepted gauge positions. Wheel centers reference 1 1/2 in (38.1 mm) from each glass end. Deburr uncapped shoe ends and check the assemblies cannot shift or work out; the optional D332A cosmetic caps are not part of this candidate.

Check before continuing: Each supported pane is undamaged; accepted vinyl separates glass from metal, and both wheels and guides are securely retained.

OP52 · Seat the rear leaf, then the front leaf

Parts: GL, GR, HL, HR, WHL1, WHL2, WHR1, WHR2, TGL1, TGL2, TGR1, TGR2; use labeled picture and schedules

Tools / setup: Measuring tape, square, pencil and the tools named below



Seat the rear leaf, then the front leaf

1. Insert the left closing leaf into the rear upper channel first, lift it, bring the roller shoe over the corresponding lower rail and lower gently. Install the right closing leaf in the front lane in the same way. Do not let the pane twist.

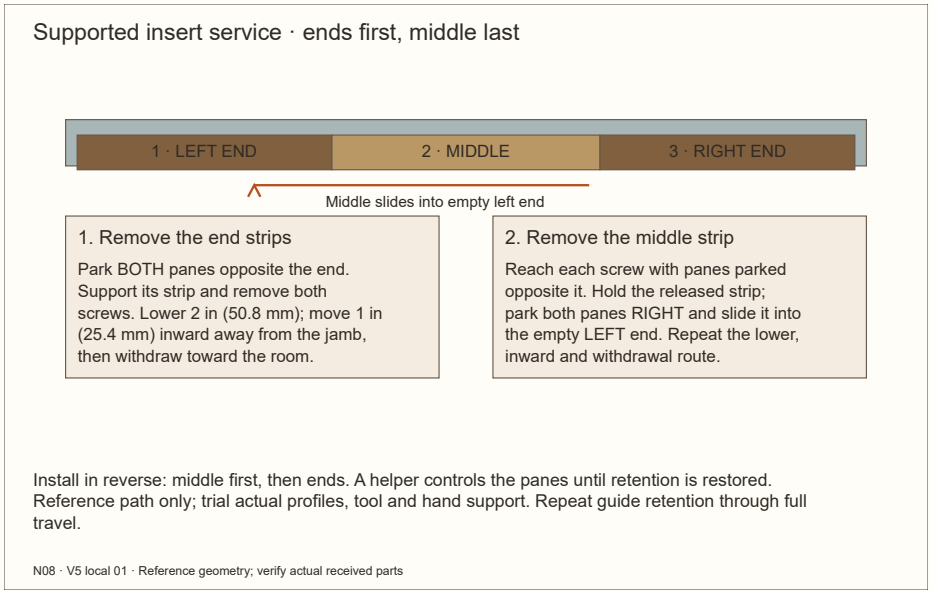
2. Move each leaf through its entire path and check the 1 1/2 in (38.1 mm) closed overlap. Inspect the guide engagement at both ends and the middle. The panes must not rub one another, a mounting head or a wood edge.

Check before continuing: Both doors roll without binding and remain seated throughout their travel; there is no glass-edge damage.

OP53 · Install anti-lift inserts around the parked panes

Parts: ALF1/ALF2/ALF3 and ALB1/ALB2/ALB3; twelve #4 × 3/4-inch screws

Tools / setup: Measuring tape, square, pencil and the tools named below



Install anti-lift inserts around the parked panes

1. With the lock removed and a helper controlling both seated panes, park both panes to the RIGHT. Bring the middle strip into the vacant LEFT opening 2 in (50.8 mm) below its channel and 1 in (25.4 mm) in from the jamb; move it toward the jamb, then raise it into the empty LEFT end of its lane and slide it into the middle above the guides. Hold it while fitting its left screw. Park panes LEFT to reach the right screw; retain positive support throughout.

2. Fit the left end strip with both panes RIGHT, then the right end strip with both panes LEFT. Repeat for the other lane. Keep both internal joints closed and leave only the specified outer service gaps. Use the twelve exact stations and accepted driver; never force a strip against a guide or glass.

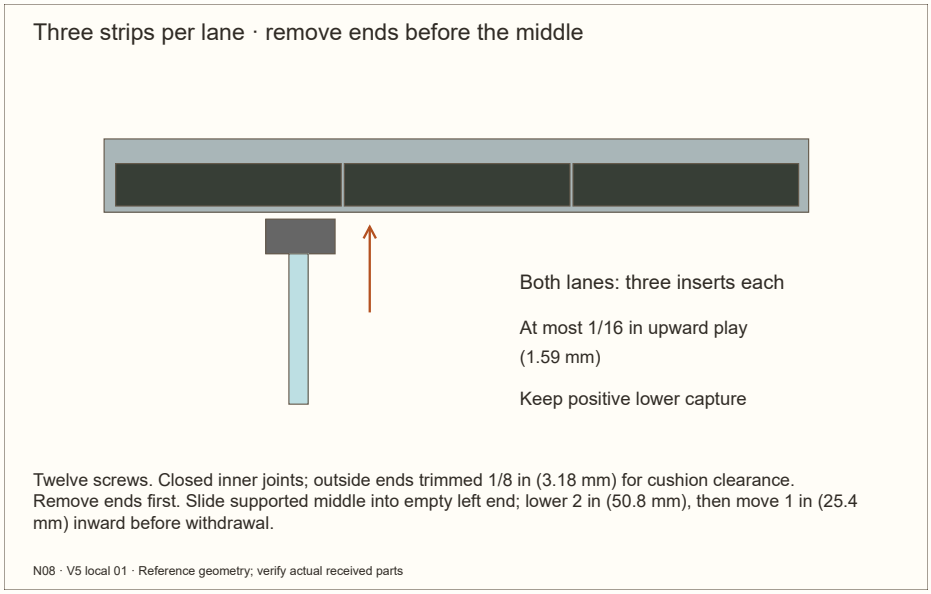
3. For removal, support the panes and remove the left and right end strips first, parking both panes opposite the end being worked on. Release both middle screws from their accessible pane positions. Park panes RIGHT, slide the supported middle into the empty LEFT end, lower it 2 in (50.8 mm), move it 1 in (25.4 mm) inward away from the jamb, then withdraw it toward the room. Use the same lower-and-move-inward route for each end strip. Remove all strips before lifting a pane.

Check before continuing: Both lanes retain the guides through full travel; joints, outer gaps, driver access and supported strip removal pass the actual dry trial.

OP54 · Prove cushion and anti-lift retention

Parts: ALF1 / ALF2 / ALF3 / ALB1 / ALB2 / ALB3; STOPLF / STOPLB / STOPRF / STOPRB

Tools / setup: Measuring tape, square, pencil and the tools named below



Prove cushion and anti-lift retention

1. Check all four cured bond-retained jamb cushions. They end between the horizontal tracks and have no screw tabs. Each closing glass edge must meet soft rubber without striking a head or sharp lip. A detached cushion requires repair, full cure and renewed fitting checks.

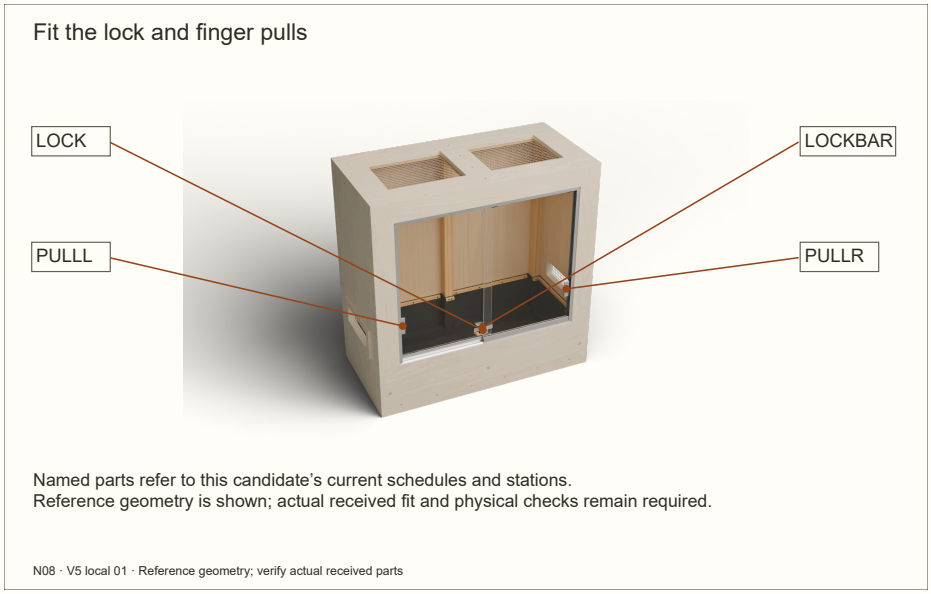
2. At both ends and the middle of travel, gently lift each pane. It must remain positively engaged on the lower rail, with the top guide retained. Remove the inserts to demonstrate safe service removal, then reinstall them. If the pane can clear its lower rail with the inserts fitted, correct the profile fit before proceeding.

Check before continuing: Neither pane can be lifted off its rail in any operating position; both remain removable after the inserts are unscrewed.

OP55 · Fit and test the ratchet lock

Parts: LOCK — CRL 963L removable anti-spread housing; LOCKBAR — CRL 963L ratchet bar and rear-leaf clip; PULLL — CRL FP86 finger pull; PULLR — CRL FP86 finger pull

Tools / setup: Measuring tape, square, pencil and the tools named below



Fit and test the ratchet lock

1. Close both doors on their cushioned jamb stops. Fit the 963L ratchet bar to the rear leaf and its anti-spread housing across the overlap following the supplied orientation. Protect the polished edge; no improvised metal packing may touch glass.

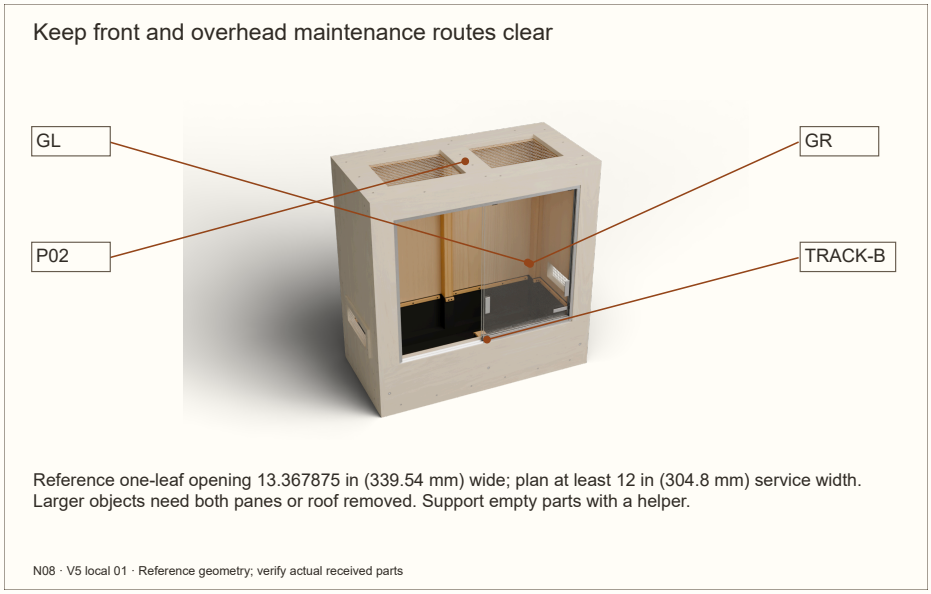
2. Adjust the ratchet to secure both leaves without forcing or bowing them. With the key removed, gently test each door separately for sliding, spreading and lifting. The anti-lift inserts remain installed independently of the lock.

Check before continuing: The lock holds both closed leaves and releases predictably without forcing the glass; independent anti-lift inserts remain fitted.

OP56 · Fit the pulls and measure service access

Parts: LOCK — CRL 963L removable anti-spread housing; LOCKBAR — CRL 963L ratchet bar and rear-leaf clip; PULLL — CRL FP86 finger pull; PULLR — CRL FP86 finger pull

Tools / setup: Measuring tape, square, pencil and the tools named below



Fit the pulls and measure service access

1. Clean the pull locations using the pull maker's instructions. Place each FP86 near its closing edge, away from the lock and shoe, and confirm the complete bypass path before bonding. Follow the adhesive preparation and dwell time on the received product.

2. Unlock and remove the lock body before moving a pane. The reference single-leaf access is 13.367875 in (339.54 mm) wide × 23.16375 in (588.36 mm) high. Plan at least 12 in (304.8 mm) width for service; larger objects require both panes or roof removed. The rear-leaf ratchet clip stops against the opposite rear-lane cushion, before the metal jamb. Measure this with the received clip; never force travel beyond the stop.

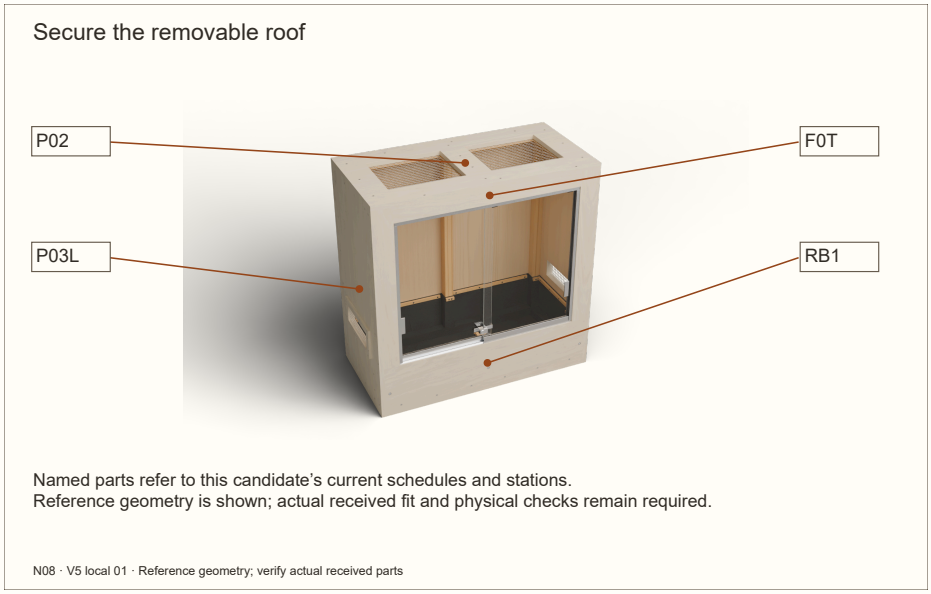
Check before continuing: The lock holds both closed leaves and releases predictably; pulls do not collide and service access is documented.

Required wait: Complete the received pull adhesive preparation and dwell before using the handles.

OP57 · Secure the removable roof

Parts: P02 — Removable roof

Tools / setup: Measuring tape, square, pencil and the tools named below



Secure the removable roof

1. Check that mesh, liner clamps and track hardware are complete before setting the roof down. Seat it without trapping the liner, glass guides or future cables.

2. Use the transferred roof stations: three screws along each side wood support, three across the front header and three across the rear upper wood support. Drill clearance through P02 and stopped pilots into the receivers.

3. Fit #8 × 1 1/4 in (31.75 mm) screws, tightening evenly by hand. Do not glue the roof and do not use the mesh as a handle. Check the doors again with the roof secured.

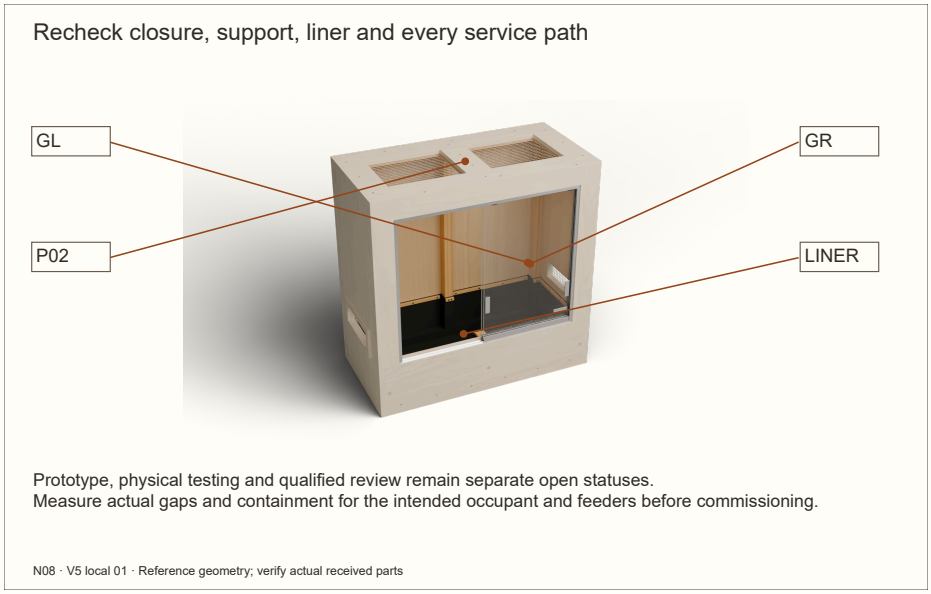
4. Keep the roof screw locations accessible in the final equipment arrangement. Remove equipment and disconnect power before roof service; support equipment independently of the screen.

Check before continuing: The roof cannot shift or lift unintentionally, and both doors still operate without binding.

OP58 · Inspect construction and rehearse maintenance

Parts: Named parts shown in the picture

Tools / setup: Measuring tape, square, pencil and the tools named below



Inspect construction and rehearse maintenance

1. Check every scheduled screw, all three recessed retainer nut stacks, complete thread engagement, screen captures, polished glass, roof perimeter, lock and anti-lift inserts. Repair splits, burrs, loose fittings and stripped receivers. Retainer drive openings stay accessible from outside; inside access requires the empty liner and underlay to be removed.

2. Measure the closed gaps at the jambs, between the glass leaves, below the shoes, around the roof and at the mesh. Record actual values; the construction clearances alone do not establish containment for an animal or feeder.

3. Verify the cured finish and dry shell after the liner test. Check that no below-fill screw or cable has penetrated the basin and that the removable liner clamps are accessible.

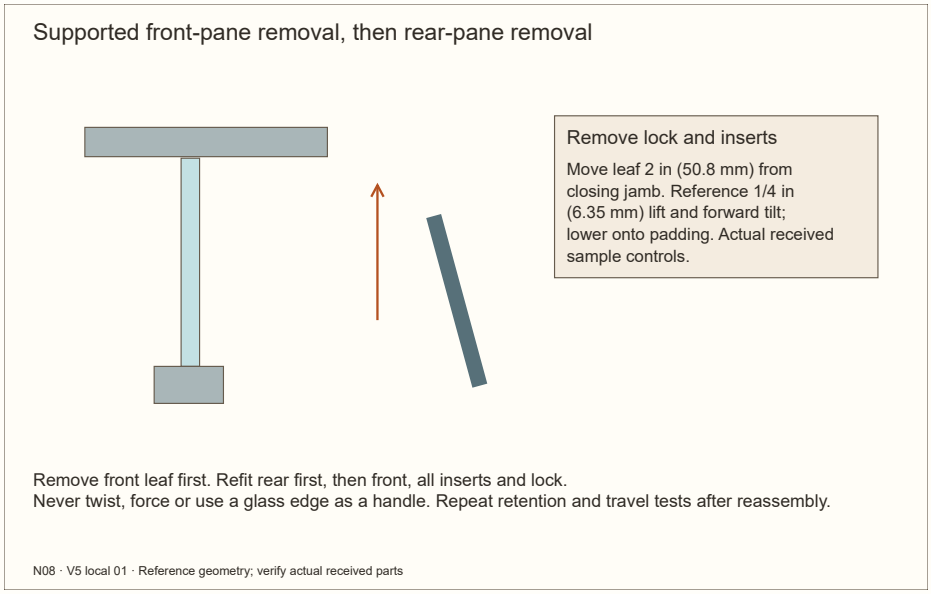
4. Rehearse removing and reinstalling the lock, anti-lift inserts, both panes and roof with the enclosure empty. Confirm that the cleaning tools can reach the rear corners and that the full bed can be removed without tipping the box.

Check before continuing: The completed construction record has no unresolved defect. Animal and equipment commissioning remains a separate step.

OP59 · Remove and refit glass for service

Parts: Both glazed leaves, lock and removable inserts

Tools / setup: Measuring tape, square, pencil and the tools named below



Remove and refit glass for service

1. Empty the enclosure and disconnect/remove equipment. With a helper supporting the glass, remove the lock body and both lanes of anti-lift inserts. Support the front leaf first, then the rear; never use the edge as a lifting handle.

2. Move the front leaf 2 in (50.8 mm) away from its closing jamb. The reference path lifts 1/4 in (6.35 mm), tilts the bottom toward the room and lowers onto padding. Actual accepted profile clearance controls; never force glass. Repeat for the rear leaf after the front one is safely removed.

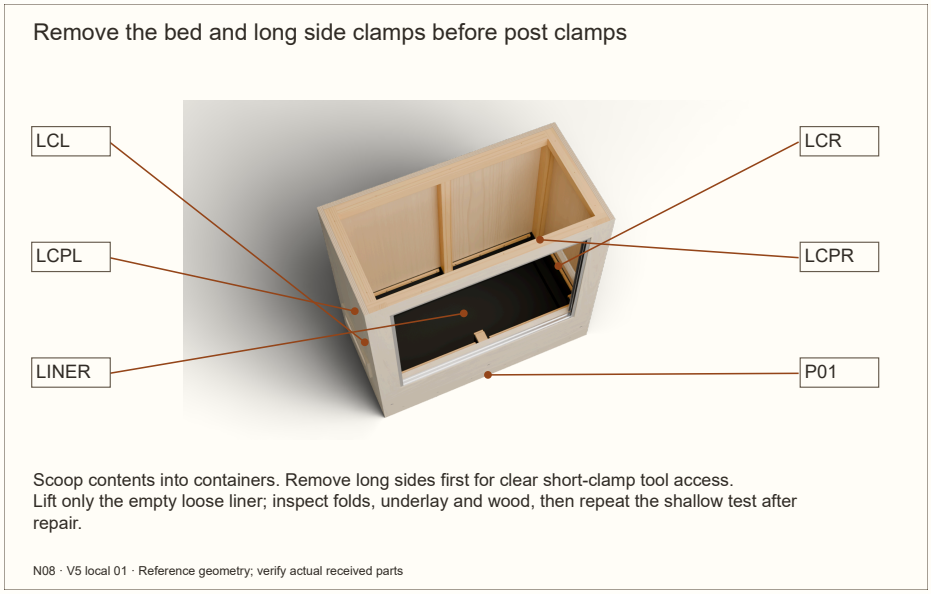
3. Vacuum and wipe tracks without flooding; dry them immediately. Refit rear pane first, then front. Reinstall all inserts and lock and repeat full travel, closed-gap and anti-lift tests before returning an occupant.

Check before continuing: The complete empty service route is clear and retention passes after reassembly.

OP60 · Remove and inspect the liner for maintenance

Parts: Twelve liner clamps, empty EPDM sheet and underlay

Tools / setup: Measuring tape, square, pencil and the tools named below



Remove and inspect the liner for maintenance

1. Remove animals and equipment, then scoop the full bed into containers without tipping the box. Remove the panes or roof as needed for reach. Never pull a liner loaded with substrate or water.

2. Remove long side clamps first to reach the short front and rear post clamps. Label all twelve strips and screws. Release the folds gently, lift the empty liner and underlay and inspect the floor, cleat edges and every membrane fold.

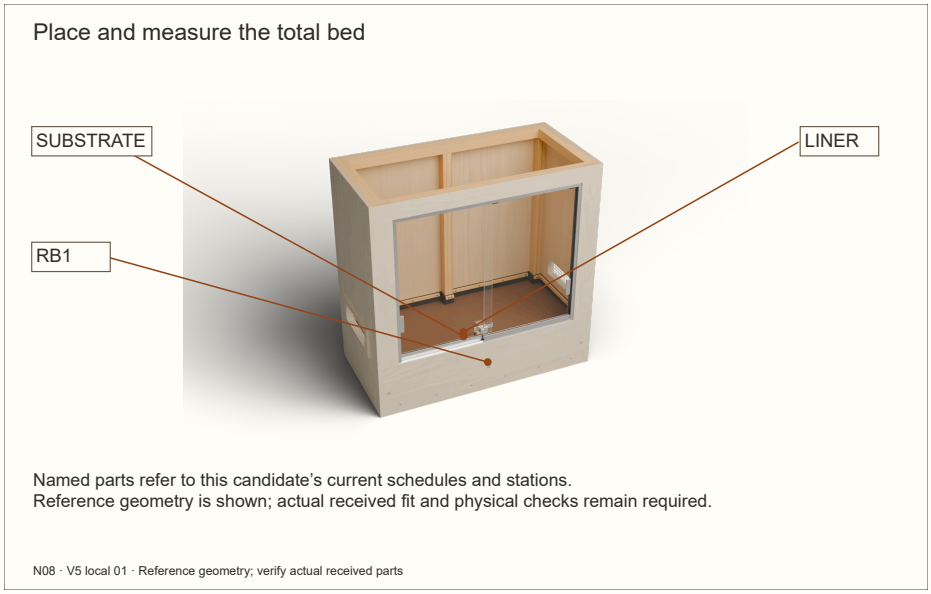
3. Dry and repair the cause of dampness or abrasion. Replace damaged material or use a manufacturer-accepted repair, complete all cure waits and refit with short post clamps first. Repeat the 24-hour shallow liner check and closure checks before refilling.

Check before continuing: All surfaces are sound and dry; repaired/reinstalled liner passes the repeated shallow check.

OP61 · Place and measure the total bed

Parts: SUBSTRATE — 6-inch total bed

Tools / setup: Measuring tape, square, pencil and the tools named below



Place and measure the total bed

1. Place the enclosure permanently on its qualified full-footprint support before filling. Add smooth protective pads under hard decorations, spreading their loads without puncturing the liner. Do not place a sharp rock directly on the membrane.

2. Measure the entire bed from the finished central liner floor. A drainage layer, separator and substrate all count toward 6 in (152.4 mm); for example, 2 in (50.8 mm) drainage leaves at most 4 in (101.6 mm) for the remaining layers.

3. The reference uninterrupted floor rectangle between lined supports is 31 11/32 in (796.13 mm) × 11 15/16 in (303.21 mm), about 2.6 square feet (0.24 square metres). Above the maximum 6 in (152.4 mm) total bed, the clear height below upper supports is 26 31/32 in (685.01 mm), before equipment or furnishing deductions. Measure the received construction.

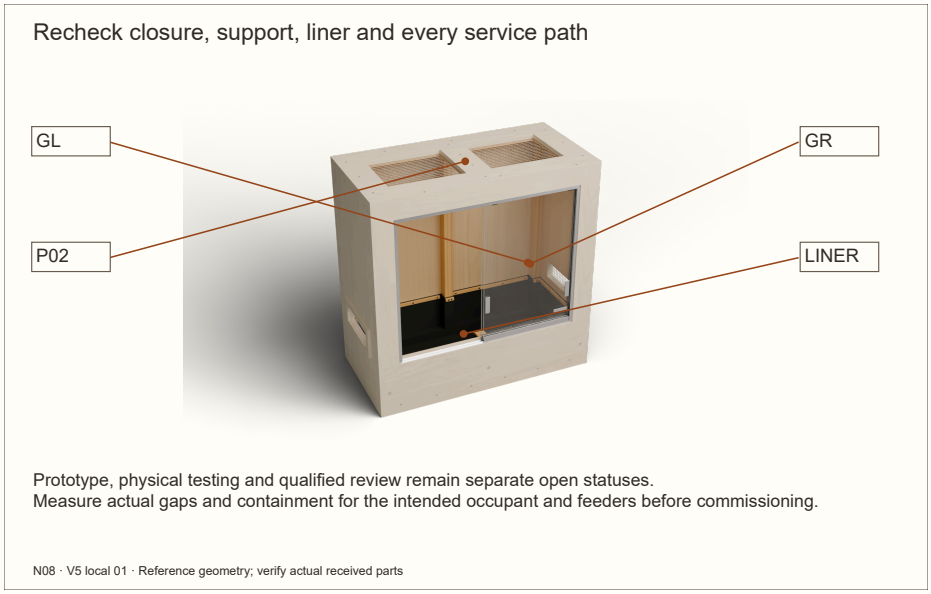
4. Weigh the delivered damp mix and record the total installed load. Check support deflection, doors and liner after filling; remove the bed if anything shifts or binds. The density scenarios are planning arithmetic, not a structural rating.

Check before continuing: The total bed stays at or below its line, with 2 in (50.8 mm) retaining-wall freeboard and documented remaining usable space.

OP62 · Qualify the actual occupant and equipment

Parts: Named parts shown in the picture

Tools / setup: Measuring tape, square, pencil and the tools named below



Qualify the actual occupant and equipment

1. Select the intended species, life stage and number of occupants against current care requirements using the finished usable interior, not the nominal 36 in (914.4 mm) × 18 in (457.2 mm) × 36 in (914.4 mm) shell. This generic guide assigns no species suitability.

2. Qualify every gap and the mesh opening for the occupant and feeders. Add a mechanically retained finer barrier when needed, then reassess ventilation, visibility, cleaning and equipment performance.

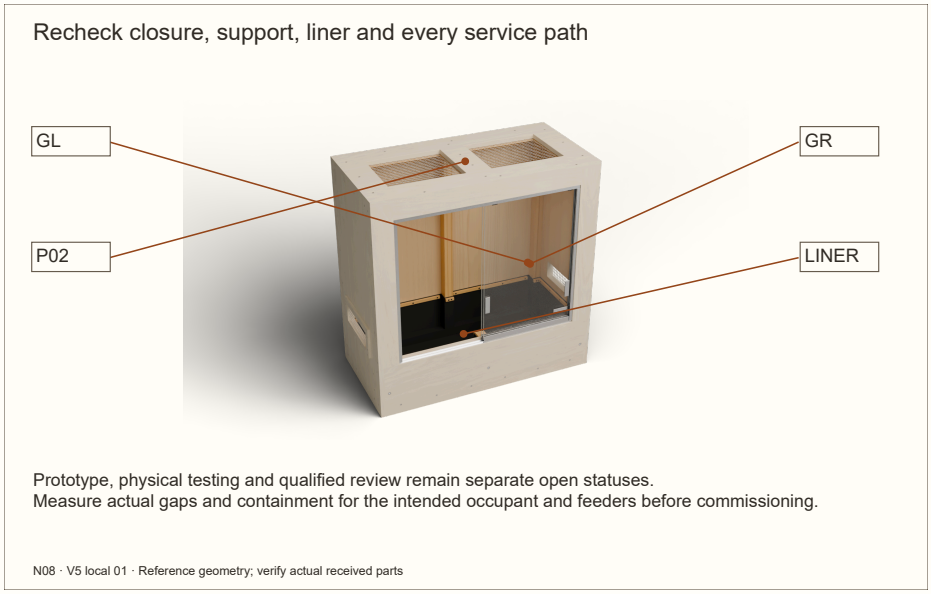
3. Choose heat, light, ultraviolet and control equipment for the actual habitat. An internally mounted fixture may be used when its manufacturer permits that installation and specifies its secure attachment, guard and clearances. A lamp placed above the mesh must have support qualified for that exact fixture; this guide does not rate the screen to carry it. Follow the exact equipment separation and combustible-clearance instructions. Keep hot parts away from wood, liner, glass and animal contact. An exterior support stand is not required when a permitted internal installation is used.

Check before continuing: Animal entry follows a separate, documented species/equipment commissioning review; a finished wooden shell is not that approval.

OP63 · Commission the configured habitat before entry

Parts: Named parts shown in the picture

Tools / setup: Measuring tape, square, pencil and the tools named below



Commission the configured habitat before entry

1. Plan any cable penetration against the exact connector and strain relief before cutting. Put it above the liner, seal and finish its wood reveal, then fit a retained closure that cannot be pushed open. Do not trap a cord in the roof joint or make a new hole through the wet basin. Complete the affected coating's full cure after sealing a new opening before equipment testing or animal entry.

2. Run the complete configured habitat unoccupied through its planned day/night and wet/dry cycles. Measure the relevant temperatures, humidity, ventilation and light exposure; verify thermostat control, safe surfaces, door retention and cleaning access. Record passing results before animal entry.

Check before continuing: Animal entry follows a separate, documented species/equipment commissioning review; a finished wooden shell is not that approval.

Materials and hardware

Choose ONE veneer species: two 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. Resolve receiving holds before dependent work. Product identity checks do not guarantee destination stock or physical fit.

Product	Model and quantities	Fit / purchase condition
PLY · Birch plywood Direct product listing	712849 Needed 2; 1 per package; buy 2 package(s)	Two-sheet cutting plan includes 1/8 in (3.18 mm) saw kerf. Measure the received gauge.
PINE · RELIABILT clear eastern white pine Direct product listing	PLSEL 1.000 6.000 8.000D4S Needed 3; 1 per package; buy 3 package(s)	Includes one trial board. Plane full-width stock to 3/8 in (9.53 mm) before ripping capture strips; never feed small finished strips into a planer.
SOLID · RELIABILT clear S4S solid pine Direct product listing	2X2 8 RPC Needed 4; 1 per package; buy 4 package(s)	Four 96 in (2438.4 mm) boards; retain the full 1 1/2 in (38.1 mm) square section.

Materials and hardware · continued

Choose ONE veneer species: two 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. Resolve receiving holds before dependent work. Product identity checks do not guarantee destination stock or physical fit.

Product	Model and quantities	Fit / purchase condition
MESH · Acorn galvanized hardware cloth Direct product listing	HC24810 Needed 1; 1 per package; buy 1 package(s)	1/2 in (12.7 mm) openings. This construction mesh is not containment for many animals or feeders; see commissioning.
PAD · Rubber-Cal loose neoprene sheet Direct product listing	30-004-062-012-036 Needed 1; 1 per package; buy 1 package(s)	Four 23.16375 in (588.36 mm) × 0.28 in (7.11 mm) × 1/16 in (1.59 mm) reference cushions. Accepted contact bond to jamb web; no screw tabs across tracks.
GLUE · Titebond III Ultimate Direct product listing	1414 Needed 1; 1 per package; buy 1 package(s)	Bond only the named bare-wood interfaces; never use as a basin seal.

Materials and hardware · continued

Choose ONE veneer species: two 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. Resolve receiving holds before dependent work. Product identity checks do not guarantee destination stock or physical fit.

Product	Model and quantities	Fit / purchase condition
FINISH · Varathane Triple Thick clear satin water-based polyurethane Direct product listing	284473-7482 Needed 3; 2 per package; buy 2 package(s)	146.56 square feet (13.62 square metres) planned. 3 US-quart cans (0.946 L each), sold as two-can packs; Separate removable liner; extra coats or balancing layers require recalculation.
W125 · Hillman #8 × 1 1/4-inch shell screws Direct product listing	35054 Needed 98; 100 per package; buy 1 package(s)	Exact screw count comes from the station schedule; purchased packs include spare screws.
W200 · Hillman #8 × 2-inch front-frame screws Direct product listing	35057 Needed 28; 50 per package; buy 1 package(s)	Exact screw count comes from the station schedule; purchased packs include spare screws.

Materials and hardware · continued

Choose ONE veneer species: two 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. Resolve receiving holds before dependent work. Product identity checks do not guarantee destination stock or physical fit.

Product	Model and quantities	Fit / purchase condition
W100 · Hillman #6 × 1-inch capture screws Direct product listing	35048 Needed 88; 100 per package; buy 1 package(s)	Exact screw count comes from the station schedule; purchased packs include spare screws.
TRACKKIT · CRL satin anodized steel ball-bearing rolling kit Direct product listing	D2203ABB Needed 1; 1 per package; buy 1 package(s)	One D2203ABB kit, planned from one 144 in (3657.6 mm) D602, D603 and D610 length. Install four D649 steel bearing wheels and four D652 guides. Catalogue inventory and current web component counts conflict; obtain written inventory before purchase. Request two 72 in (1828.8 mm) D603 sections only after supplier confirms this cutting plan; one supplies the upper and the other both jambs. Cosmetic caps omitted subject to accepted retention and deburred ends.
VINYL · CRL gray dry-glazing vinyl, 100′ roll Direct product listing	GC728C Needed 1; 1 per package; buy 1 package(s)	HOLD: kit recommendation for 6 mm glass conflicts with current GC728C thickness listing. Supplier must confirm exact vinyl for measured glass and shoe. Do not substitute or force the glass.

Materials and hardware · continued

Choose ONE veneer species: two 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. Resolve receiving holds before dependent work. Product identity checks do not guarantee destination stock or physical fit.

Product	Model and quantities	Fit / purchase condition
LOCK · CRL chrome anti-spread ratchet lock for 1/4-inch glass Direct product listing	963L Needed 1; 1 per package; buy 1 package(s)	Published overlap range 3/4–3 3/8 in (85.73 mm); this design targets 1 1/2 in (38.1 mm). Remove the lock body for sliding. Separate anti-lift inserts remain installed.
PULL · CRL silver stick-on finger pull Direct product listing	FP86 Needed 2; 1 per package; buy 10 package(s)	Two installed; current US minimum order ten each leaves eight spare. Confirm supplier preparation, adhesive dwell and availability.
TRACK · Everbilt #4 × 3/4-inch Phillips flat-head wood screw, 12-pack Direct product listing	806891 Needed 30; 12 per package; buy 3 package(s)	Thirty installed: six lower rail, six upper channel, six jamb and twelve anti-lift screws. Three 12-packs provide six spares. Supplier-approved thin-web countersink and flush trial required; do not drill the upper centre divider.

Materials and hardware · continued

Choose ONE veneer species: two 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. Resolve receiving holds before dependent work. Product identity checks do not guarantee destination stock or physical fit.

Product	Model and quantities	Fit / purchase condition
GLASS · Two made-to-measure monolithic tempered glass leaves Custom fabricator unresolved	6 mm clear, polished edges; no holes Needed 2; 1 per package; buy 2 package(s)	Two 6 mm tempered reference panes. Size after actual tracks, cushions, vinyl, guides, finish and anti-lift acceptance; no glass order from this reference.
LINER · Aquascape 45 mil ethylene propylene diene monomer (EPDM) boxed liner, 8′ × 10′ Direct product listing	85009 Needed 1; 1 per package; buy 1 package(s)	One 8 × 10-foot 45 mil (0.045 in / 1.14 mm) EPDM sheet supplies the 64 in (1625.6 mm) × 44 in (1117.6 mm) rough blank plus generous offcuts. No seams or corner cuts below the clamp line.
UNDERLAY · Aquascape heavy-duty pond underlayment, 5′ × 10′ Direct product listing	42135 — 5′ × 10′ variant Needed 1; 1 per package; buy 1 package(s)	One 5 × 10-foot sheet supplies a 64 in (1625.6 mm) × 44 in (1117.6 mm) reference blank. Measure its actual compressed thickness; protect every contact surface, cleat edge and post. Do not glue it to the liner.

Materials and hardware · continued

Choose ONE veneer species: two 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. Resolve receiving holds before dependent work. Product identity checks do not guarantee destination stock or physical fit.

Product	Model and quantities	Fit / purchase condition
HDPE · Polymershapes smooth black high-density polyethylene (HDPE) sheet Direct product listing	51962104 Needed 1; 1 per package; buy 1 package(s)	Six removable inserts, three per lane, from one 24 x 12 in (304.8 mm) sheet. Preserve internal joints and outer service gaps; test positive guide retention and the supported removal sequence.
BOLT · 316 stainless socket flat-head screw, 1/4-20 x 3-1/2 inch Direct product listing	24910 Needed 3; 1 per package; buy 3 package(s)	One exterior flush screw per retainer post; 5/32 in (3.97 mm) hex drive, 82-degree seat. Length includes flat head.
WASHER · 316 stainless 1/4-inch flat washer Direct product listing	16019 Needed 3; 1 per package; buy 3 package(s)	One inside each recessed post under locknut. 5/8 in (15.88 mm) outside and 9/32 in (7.14 mm) inside diameters; receive thickness at most 1/16 in (1.59 mm) for this reference stack.

Materials and hardware · continued

Choose ONE veneer species: two 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. Resolve receiving holds before dependent work. Product identity checks do not guarantee destination stock or physical fit.

Product	Model and quantities	Fit / purchase condition
LOCKNUT · 316 stainless 1/4-20 nylon insert locknut Direct product listing	16008 Needed 3; 1 per package; buy 3 package(s)	One inside each recessed post. Listed height .298-.328″; two full threads beyond nylon, entire tail below post face. Hand-tighten to avoid stainless galling; never force seized threads.
VENEER-maple · Maple exterior veneer Direct product listing	4 × 8 ft, selected species, 3M PSA; confirm exact configuration Needed 2; 1 per package; buy 2 package(s) **Choose one species only**	Full exterior faces, roof, edges, reveals and trial. Written balance, substrate/finish and service-environment acceptance required.
VENEER-oak · White oak exterior veneer Direct product listing	4 × 8 ft, selected species, 3M PSA; confirm exact configuration Needed 2; 1 per package; buy 2 package(s) **Choose one species only**	Full exterior faces, roof, edges, reveals and trial. Written balance, substrate/finish and service-environment acceptance required.

Materials and hardware · continued

Choose ONE veneer species: two 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. Resolve receiving holds before dependent work. Product identity checks do not guarantee destination stock or physical fit.

Product	Model and quantities	Fit / purchase condition
VENEER-walnut · Walnut exterior veneer Direct product listing	4 × 8 ft, selected species, 3M PSA; confirm exact configuration Needed 2; 1 per package; buy 2 package(s) **Choose one species only**	Full exterior faces, roof, edges, reveals and trial. Written balance, substrate/finish and service-environment acceptance required.
CUSHION-BOND · DAP Weldwood Original Contact Cement, pint Direct product listing	00271 / UPC 7079800271 Needed 1; 1 per package; buy 1 package(s)	Four neoprene jamb cushions only, 0.360 square feet two-face area plus trial. Written anodized aluminium/neoprene acceptance and seven-day sample cure. Never use on liner, glass or HDPE.

Cut list

One of each named ID. Rough blanks include scheduled trimming. Thickness is the prepared blank: plane 3/4-inch (19.05 mm) pine to 3/8 inch (9.53 mm) before ripping thin strips. Fit the listed anti-lift inserts from 1/2-inch (12.7 mm) HDPE stock to their accepted installed thickness. Reference finished sizes need actual-material fitting. V-parts represent the complete cured veneer stack. Hardware profiles use schematic stock lanes: never rip them to the lane width. Glass is a fabricator order after accepted field sizing.

Part	Rough length × width × prepared thickness	Reference finished size
P01 · Floor	36 1/8 in (917.58 mm) × 18 1/16 in (458.79 mm) × 45/64 in (17.86 mm)	36 in (914.4 mm) × 18 in (457.2 mm) × 45/64 in (17.86 mm)
P02 · Removable roof	36 1/8 in (917.58 mm) × 18 1/16 in (458.79 mm) × 45/64 in (17.86 mm)	36 in (914.4 mm) × 18 in (457.2 mm) × 45/64 in (17.86 mm)
P03L · L wall	18 1/8 in (460.38 mm) × 34 21/32 in (880.27 mm) × 45/64 in (17.86 mm)	18 in (457.2 mm) × 34 19/32 in (878.68 mm) × 45/64 in (17.86 mm)
P03R · R wall	18 1/8 in (460.38 mm) × 34 21/32 in (880.27 mm) × 45/64 in (17.86 mm)	18 in (457.2 mm) × 34 19/32 in (878.68 mm) × 45/64 in (17.86 mm)
P04 · Back	34 23/32 in (881.86 mm) × 34 21/32 in (880.27 mm) × 45/64 in (17.86 mm)	34 19/32 in (878.68 mm) × 34 19/32 in (878.68 mm) × 45/64 in (17.86 mm)
RB1 · Laminated substrate retaining board	34 23/32 in (881.86 mm) × 8 3/16 in (207.96 mm) × 45/64 in (17.86 mm)	34 19/32 in (878.68 mm) × 8 1/8 in (206.38 mm) × 45/64 in (17.86 mm)
RB2 · Laminated substrate retaining board	34 23/32 in (881.86 mm) × 8 3/16 in (207.96 mm) × 45/64 in (17.86 mm)	34 19/32 in (878.68 mm) × 8 1/8 in (206.38 mm) × 45/64 in (17.86 mm)
RB3 · Laminated substrate retaining board	34 23/32 in (881.86 mm) × 8 3/16 in (207.96 mm) × 45/64 in (17.86 mm)	34 19/32 in (878.68 mm) × 8 1/8 in (206.38 mm) × 45/64 in (17.86 mm)
F0L · L jamb layer	26 19/32 in (675.48 mm) × 2 9/16 in (65.09 mm) × 3/4 in (19.05 mm)	26 15/32 in (672.31 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)
F0R · R jamb layer	26 19/32 in (675.48 mm) × 2 9/16 in (65.09 mm) × 3/4 in (19.05 mm)	26 15/32 in (672.31 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)

Cut list · continued

One of each named ID. Rough blanks include scheduled trimming. Thickness is the prepared blank: plane 3/4-inch (19.05 mm) pine to 3/8 inch (9.53 mm) before ripping thin strips. Fit the listed anti-lift inserts from 1/2-inch (12.7 mm) HDPE stock to their accepted installed thickness. Reference finished sizes need actual-material fitting. V-parts represent the complete cured veneer stack. Hardware profiles use schematic stock lanes: never rip them to the lane width. Glass is a fabricator order after accepted field sizing.

Part	Rough length × width × prepared thickness	Reference finished size
F0T · Header layer	29 23/32 in (754.86 mm) × 2 9/16 in (65.09 mm) × 3/4 in (19.05 mm)	29 19/32 in (751.68 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)
F1L · L jamb layer	24 3/32 in (611.98 mm) × 2 9/16 in (65.09 mm) × 3/4 in (19.05 mm)	23 31/32 in (608.81 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)
F1R · R jamb layer	24 3/32 in (611.98 mm) × 2 9/16 in (65.09 mm) × 3/4 in (19.05 mm)	23 31/32 in (608.81 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)
F1T · Header layer	34 23/32 in (881.86 mm) × 2 9/16 in (65.09 mm) × 3/4 in (19.05 mm)	34 19/32 in (878.68 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)
CLB · L bottom cleat	15 5/16 in (388.94 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	15 3/16 in (385.76 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CLU · L rear upright	31 23/32 in (805.66 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	31 19/32 in (802.48 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CLT · L upper cleat	15 59/64 in (404.42 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	15 51/64 in (401.24 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CRB · R bottom cleat	15 5/16 in (388.94 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	15 3/16 in (385.76 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CRU · R rear upright	31 23/32 in (805.66 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	31 19/32 in (802.48 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CRT · R upper cleat	15 59/64 in (404.42 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	15 51/64 in (401.24 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)

Cut list · continued

One of each named ID. Rough blanks include scheduled trimming. Thickness is the prepared blank: plane 3/4-inch (19.05 mm) pine to 3/8 inch (9.53 mm) before ripping thin strips. Fit the listed anti-lift inserts from 1/2-inch (12.7 mm) HDPE stock to their accepted installed thickness. Reference finished sizes need actual-material fitting. V-parts represent the complete cured veneer stack. Hardware profiles use schematic stock lanes: never rip them to the lane width. Glass is a fabricator order after accepted field sizing.

Part	Rough length × width × prepared thickness	Reference finished size
CF · Front floor cleat	31 23/32 in (805.66 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	31 19/32 in (802.48 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CB · Back floor cleat	31 23/32 in (805.66 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	31 19/32 in (802.48 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CT · Back upper cleat	31 23/32 in (805.66 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	31 19/32 in (802.48 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CR · Roof web rib	14 27/64 in (366.32 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	14 19/64 in (363.14 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
ML · L ventilation mesh	10 in (254 mm) × 4 in (101.6 mm) × 0.082 in (2.08 mm)	10 in (254 mm) × 4 in (101.6 mm) × 0.082 in (2.08 mm)
VLB · Vent capture strip	11 1/8 in (282.58 mm) × 1 1/16 in (26.99 mm) × 3/8 in (9.53 mm)	11 in (279.4 mm) × 1 in (25.4 mm) × 3/8 in (9.53 mm)
VLT · Vent capture strip	11 1/8 in (282.58 mm) × 1 1/16 in (26.99 mm) × 3/8 in (9.53 mm)	11 in (279.4 mm) × 1 in (25.4 mm) × 3/8 in (9.53 mm)
VLF · Vent end strip	3 1/8 in (79.38 mm) × 1 1/16 in (26.99 mm) × 3/8 in (9.53 mm)	3 in (76.2 mm) × 1 in (25.4 mm) × 3/8 in (9.53 mm)
VLA · Vent end strip	3 1/8 in (79.38 mm) × 1 1/16 in (26.99 mm) × 3/8 in (9.53 mm)	3 in (76.2 mm) × 1 in (25.4 mm) × 3/8 in (9.53 mm)
MR · R ventilation mesh	10 in (254 mm) × 4 in (101.6 mm) × 0.082 in (2.08 mm)	10 in (254 mm) × 4 in (101.6 mm) × 0.082 in (2.08 mm)

Cut list · continued

One of each named ID. Rough blanks include scheduled trimming. Thickness is the prepared blank: plane 3/4-inch (19.05 mm) pine to 3/8 inch (9.53 mm) before ripping thin strips. Fit the listed anti-lift inserts from 1/2-inch (12.7 mm) HDPE stock to their accepted installed thickness. Reference finished sizes need actual-material fitting. V-parts represent the complete cured veneer stack. Hardware profiles use schematic stock lanes: never rip them to the lane width. Glass is a fabricator order after accepted field sizing.

Part	Rough length × width × prepared thickness	Reference finished size
VRB · Vent capture strip	11 1/8 in (282.58 mm) × 1 1/16 in (26.99 mm) × 3/8 in (9.53 mm)	11 in (279.4 mm) × 1 in (25.4 mm) × 3/8 in (9.53 mm)
VRT · Vent capture strip	11 1/8 in (282.58 mm) × 1 1/16 in (26.99 mm) × 3/8 in (9.53 mm)	11 in (279.4 mm) × 1 in (25.4 mm) × 3/8 in (9.53 mm)
VRF · Vent end strip	3 1/8 in (79.38 mm) × 1 1/16 in (26.99 mm) × 3/8 in (9.53 mm)	3 in (76.2 mm) × 1 in (25.4 mm) × 3/8 in (9.53 mm)
VRA · Vent end strip	3 1/8 in (79.38 mm) × 1 1/16 in (26.99 mm) × 3/8 in (9.53 mm)	3 in (76.2 mm) × 1 in (25.4 mm) × 3/8 in (9.53 mm)
MTL · Roof mesh	13 in (330.2 mm) × 11 in (279.4 mm) × 0.082 in (2.08 mm)	13 in (330.2 mm) × 11 in (279.4 mm) × 0.082 in (2.08 mm)
RTLF · Roof mesh capture strip	14 1/8 in (358.78 mm) × 1 1/16 in (26.99 mm) × 3/8 in (9.53 mm)	14 in (355.6 mm) × 1 in (25.4 mm) × 3/8 in (9.53 mm)
RTLA · Roof mesh capture strip	14 1/8 in (358.78 mm) × 1 1/16 in (26.99 mm) × 3/8 in (9.53 mm)	14 in (355.6 mm) × 1 in (25.4 mm) × 3/8 in (9.53 mm)
RTLL · Roof mesh side strip	10 1/8 in (257.18 mm) × 1 1/16 in (26.99 mm) × 3/8 in (9.53 mm)	10 in (254 mm) × 1 in (25.4 mm) × 3/8 in (9.53 mm)
RTLR · Roof mesh side strip	10 1/8 in (257.18 mm) × 1 1/16 in (26.99 mm) × 3/8 in (9.53 mm)	10 in (254 mm) × 1 in (25.4 mm) × 3/8 in (9.53 mm)
MTR · Roof mesh	13 in (330.2 mm) × 11 in (279.4 mm) × 0.082 in (2.08 mm)	13 in (330.2 mm) × 11 in (279.4 mm) × 0.082 in (2.08 mm)

Cut list · continued

One of each named ID. Rough blanks include scheduled trimming. Thickness is the prepared blank: plane 3/4-inch (19.05 mm) pine to 3/8 inch (9.53 mm) before ripping thin strips. Fit the listed anti-lift inserts from 1/2-inch (12.7 mm) HDPE stock to their accepted installed thickness. Reference finished sizes need actual-material fitting. V-parts represent the complete cured veneer stack. Hardware profiles use schematic stock lanes: never rip them to the lane width. Glass is a fabricator order after accepted field sizing.

Part	Rough length × width × prepared thickness	Reference finished size
RTRF · Roof mesh capture strip	14 1/8 in (358.78 mm) × 1 1/16 in (26.99 mm) × 3/8 in (9.53 mm)	14 in (355.6 mm) × 1 in (25.4 mm) × 3/8 in (9.53 mm)
RTRA · Roof mesh capture strip	14 1/8 in (358.78 mm) × 1 1/16 in (26.99 mm) × 3/8 in (9.53 mm)	14 in (355.6 mm) × 1 in (25.4 mm) × 3/8 in (9.53 mm)
RTRL · Roof mesh side strip	10 1/8 in (257.18 mm) × 1 1/16 in (26.99 mm) × 3/8 in (9.53 mm)	10 in (254 mm) × 1 in (25.4 mm) × 3/8 in (9.53 mm)
RTRR · Roof mesh side strip	10 1/8 in (257.18 mm) × 1 1/16 in (26.99 mm) × 3/8 in (9.53 mm)	10 in (254 mm) × 1 in (25.4 mm) × 3/8 in (9.53 mm)
LCL · Liner side clamp	11.1525 in (283.27 mm) × 9/16 in (14.29 mm) × 3/8 in (9.53 mm)	11.0275 in (280.1 mm) × 1/2 in (12.7 mm) × 3/8 in (9.53 mm)
LCR · Liner side clamp	11.1525 in (283.27 mm) × 9/16 in (14.29 mm) × 3/8 in (9.53 mm)	11.0275 in (280.1 mm) × 1/2 in (12.7 mm) × 3/8 in (9.53 mm)
LCF1 · Liner clamp between posts	14.261875 in (362.25 mm) × 9/16 in (14.29 mm) × 3/8 in (9.53 mm)	14.136875 in (359.08 mm) × 1/2 in (12.7 mm) × 3/8 in (9.53 mm)
LCF2 · Liner clamp between posts	14.261875 in (362.25 mm) × 9/16 in (14.29 mm) × 3/8 in (9.53 mm)	14.136875 in (359.08 mm) × 1/2 in (12.7 mm) × 3/8 in (9.53 mm)
LCB1 · Liner clamp between posts	14.261875 in (362.25 mm) × 9/16 in (14.29 mm) × 3/8 in (9.53 mm)	14.136875 in (359.08 mm) × 1/2 in (12.7 mm) × 3/8 in (9.53 mm)
LCB2 · Liner clamp between posts	14.261875 in (362.25 mm) × 9/16 in (14.29 mm) × 3/8 in (9.53 mm)	14.136875 in (359.08 mm) × 1/2 in (12.7 mm) × 3/8 in (9.53 mm)

Cut list · continued

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Part	Rough length × width × prepared thickness	Reference finished size
LCQL · Liner post-face clamp	1 1/2 in (38.1 mm) × 9/16 in (14.29 mm) × 3/8 in (9.53 mm)	1 3/8 in (34.93 mm) × 1/2 in (12.7 mm) × 3/8 in (9.53 mm)
LCQ1 · Liner post-face clamp	1 5/8 in (41.28 mm) × 9/16 in (14.29 mm) × 3/8 in (9.53 mm)	1 1/2 in (38.1 mm) × 1/2 in (12.7 mm) × 3/8 in (9.53 mm)
LCQR · Liner post-face clamp	1 1/2 in (38.1 mm) × 9/16 in (14.29 mm) × 3/8 in (9.53 mm)	1 3/8 in (34.93 mm) × 1/2 in (12.7 mm) × 3/8 in (9.53 mm)
LCPL · Liner post-face clamp	1 1/2 in (38.1 mm) × 9/16 in (14.29 mm) × 3/8 in (9.53 mm)	1 3/8 in (34.93 mm) × 1/2 in (12.7 mm) × 3/8 in (9.53 mm)
LCP1 · Liner post-face clamp	1 5/8 in (41.28 mm) × 9/16 in (14.29 mm) × 3/8 in (9.53 mm)	1 1/2 in (38.1 mm) × 1/2 in (12.7 mm) × 3/8 in (9.53 mm)
LCPR · Liner post-face clamp	1 1/2 in (38.1 mm) × 9/16 in (14.29 mm) × 3/8 in (9.53 mm)	1 3/8 in (34.93 mm) × 1/2 in (12.7 mm) × 3/8 in (9.53 mm)
CFL · Front retainer post	6 3/4 in (171.45 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	6 5/8 in (168.28 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CF1 · Front retainer post	6 3/4 in (171.45 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	6 5/8 in (168.28 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CFR · Front retainer post	6 3/4 in (171.45 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	6 5/8 in (168.28 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CM · Intermediate back upright	31 23/32 in (805.66 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	31 19/32 in (802.48 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)

Cut list · continued

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Part	Rough length × width × prepared thickness	Reference finished size
V-floor-under · Veneer · floor-under	36.561 in (928.65 mm) × 18.561 in (471.45 mm) × 0.0305 in (0.77 mm)	36.061 in (915.95 mm) × 18.061 in (458.75 mm) × 0.0305 in (0.77 mm)
V-roof-top · Veneer · roof-top	36.561 in (928.65 mm) × 18.561 in (471.45 mm) × 0.0305 in (0.77 mm)	36.061 in (915.95 mm) × 18.061 in (458.75 mm) × 0.0305 in (0.77 mm)
V-P01-front · Veneer · P01-front	36.561 in (928.65 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	36.061 in (915.95 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P01-back · Veneer · P01-back	36.561 in (928.65 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	36.061 in (915.95 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P01-left · Veneer · P01-left	18 1/2 in (469.9 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	18 in (457.2 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P01-right · Veneer · P01-right	18 1/2 in (469.9 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	18 in (457.2 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P02-front · Veneer · P02-front	36.561 in (928.65 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	36.061 in (915.95 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P02-back · Veneer · P02-back	36.561 in (928.65 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	36.061 in (915.95 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P02-left · Veneer · P02-left	18 1/2 in (469.9 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	18 in (457.2 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P02-right · Veneer · P02-right	18 1/2 in (469.9 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	18 in (457.2 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)

Cut list · continued

One of each named ID. Rough blanks include scheduled trimming. Thickness is the prepared blank: plane 3/4-inch (19.05 mm) pine to 3/8 inch (9.53 mm) before ripping thin strips. Fit the listed anti-lift inserts from 1/2-inch (12.7 mm) HDPE stock to their accepted installed thickness. Reference finished sizes need actual-material fitting. V-parts represent the complete cured veneer stack. Hardware profiles use schematic stock lanes: never rip them to the lane width. Glass is a fabricator order after accepted field sizing.

Part	Rough length × width × prepared thickness	Reference finished size
V-P03L-face · Veneer · P03L-face	35 3/32 in (891.38 mm) × 18 1/2 in (469.9 mm) × 0.0305 in (0.77 mm)	34 19/32 in (878.68 mm) × 18 in (457.2 mm) × 0.0305 in (0.77 mm)
V-P03L-front · Veneer · P03L-front	35 3/32 in (891.38 mm) × 1.233625 in (31.33 mm) × 0.0305 in (0.77 mm)	34 19/32 in (878.68 mm) × 0.733625 in (18.63 mm) × 0.0305 in (0.77 mm)
V-P03L-back · Veneer · P03L-back	35 3/32 in (891.38 mm) × 1.233625 in (31.33 mm) × 0.0305 in (0.77 mm)	34 19/32 in (878.68 mm) × 0.733625 in (18.63 mm) × 0.0305 in (0.77 mm)
V-P03L-vent-near · Veneer · P03L-vent-near	3.439 in (87.35 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	2.939 in (74.65 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P03L-vent-far · Veneer · P03L-vent-far	3.439 in (87.35 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	2.939 in (74.65 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P03L-vent-bottom · Veneer · P03L-vent-bottom	9 1/2 in (241.3 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	9 in (228.6 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P03L-vent-top · Veneer · P03L-vent-top	9 1/2 in (241.3 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	9 in (228.6 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P03R-face · Veneer · P03R-face	35 3/32 in (891.38 mm) × 18 1/2 in (469.9 mm) × 0.0305 in (0.77 mm)	34 19/32 in (878.68 mm) × 18 in (457.2 mm) × 0.0305 in (0.77 mm)
V-P03R-front · Veneer · P03R-front	35 3/32 in (891.38 mm) × 1.233625 in (31.33 mm) × 0.0305 in (0.77 mm)	34 19/32 in (878.68 mm) × 0.733625 in (18.63 mm) × 0.0305 in (0.77 mm)
V-P03R-back · Veneer · P03R-back	35 3/32 in (891.38 mm) × 1.233625 in (31.33 mm) × 0.0305 in (0.77 mm)	34 19/32 in (878.68 mm) × 0.733625 in (18.63 mm) × 0.0305 in (0.77 mm)

Cut list · continued

One of each named ID. Rough blanks include scheduled trimming. Thickness is the prepared blank: plane 3/4-inch (19.05 mm) pine to 3/8 inch (9.53 mm) before ripping thin strips. Fit the listed anti-lift inserts from 1/2-inch (12.7 mm) HDPE stock to their accepted installed thickness. Reference finished sizes need actual-material fitting. V-parts represent the complete cured veneer stack. Hardware profiles use schematic stock lanes: never rip them to the lane width. Glass is a fabricator order after accepted field sizing.

Part	Rough length × width × prepared thickness	Reference finished size
V-P03R-vent-near · Veneer · P03R-vent-near	3.439 in (87.35 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	2.939 in (74.65 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P03R-vent-far · Veneer · P03R-vent-far	3.439 in (87.35 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	2.939 in (74.65 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P03R-vent-bottom · Veneer · P03R-vent-bottom	9 1/2 in (241.3 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	9 in (228.6 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P03R-vent-top · Veneer · P03R-vent-top	9 1/2 in (241.3 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	9 in (228.6 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-back · Veneer · back	35 3/32 in (891.38 mm) × 35 3/32 in (891.38 mm) × 0.0305 in (0.77 mm)	34 19/32 in (878.68 mm) × 34 19/32 in (878.68 mm) × 0.0305 in (0.77 mm)
V-RB1-front · Veneer · RB1-front	35 3/32 in (891.38 mm) × 8 5/8 in (219.08 mm) × 0.0305 in (0.77 mm)	34 19/32 in (878.68 mm) × 8 1/8 in (206.38 mm) × 0.0305 in (0.77 mm)
V-F0L-front · Veneer · F0L-front	26 31/32 in (685.01 mm) × 3 in (76.2 mm) × 0.0305 in (0.77 mm)	26 15/32 in (672.31 mm) × 2 1/2 in (63.5 mm) × 0.0305 in (0.77 mm)
V-F0R-front · Veneer · F0R-front	26 31/32 in (685.01 mm) × 3 in (76.2 mm) × 0.0305 in (0.77 mm)	26 15/32 in (672.31 mm) × 2 1/2 in (63.5 mm) × 0.0305 in (0.77 mm)
V-F0T-front · Veneer · F0T-front	30 3/32 in (764.38 mm) × 3 in (76.2 mm) × 0.0305 in (0.77 mm)	29 19/32 in (751.68 mm) × 2 1/2 in (63.5 mm) × 0.0305 in (0.77 mm)
V-opening-left · Veneer · opening-left	24 15/32 in (621.51 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	23 31/32 in (608.81 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)

Cut list · continued

One of each named ID. Rough blanks include scheduled trimming. Thickness is the prepared blank: plane 3/4-inch (19.05 mm) pine to 3/8 inch (9.53 mm) before ripping thin strips. Fit the listed anti-lift inserts from 1/2-inch (12.7 mm) HDPE stock to their accepted installed thickness. Reference finished sizes need actual-material fitting. V-parts represent the complete cured veneer stack. Hardware profiles use schematic stock lanes: never rip them to the lane width. Glass is a fabricator order after accepted field sizing.

Part	Rough length × width × prepared thickness	Reference finished size
V-opening-right · Veneer · opening-right	24 15/32 in (621.51 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	23 31/32 in (608.81 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-opening-upper · Veneer · opening-upper	30.03275 in (762.83 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	29.53275 in (750.13 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-retainer-top · Veneer · retainer-top	30.03275 in (762.83 mm) × 2 39/64 in (66.28 mm) × 0.0305 in (0.77 mm)	29.53275 in (750.13 mm) × 2 7/64 in (53.58 mm) × 0.0305 in (0.77 mm)
V-TL-left · Veneer · TL-left	10.439 in (265.15 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	9.939 in (252.45 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-TL-right · Veneer · TL-right	10.439 in (265.15 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	9.939 in (252.45 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-TL-front · Veneer · TL-front	12 1/2 in (317.5 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	12 in (304.8 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-TL-back · Veneer · TL-back	12 1/2 in (317.5 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	12 in (304.8 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-TR-left · Veneer · TR-left	10.439 in (265.15 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	9.939 in (252.45 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-TR-right · Veneer · TR-right	10.439 in (265.15 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	9.939 in (252.45 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-TR-front · Veneer · TR-front	12 1/2 in (317.5 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	12 in (304.8 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)

Cut list · continued

One of each named ID. Rough blanks include scheduled trimming. Thickness is the prepared blank: plane 3/4-inch (19.05 mm) pine to 3/8 inch (9.53 mm) before ripping thin strips. Fit the listed anti-lift inserts from 1/2-inch (12.7 mm) HDPE stock to their accepted installed thickness. Reference finished sizes need actual-material fitting. V-parts represent the complete cured veneer stack. Hardware profiles use schematic stock lanes: never rip them to the lane width. Glass is a fabricator order after accepted field sizing.

Part	Rough length × width × prepared thickness	Reference finished size
V-TR-back · Veneer · TR-back	12 1/2 in (317.5 mm) × 1 13/64 in (30.56 mm) × 0.0305 in (0.77 mm)	12 in (304.8 mm) × 45/64 in (17.86 mm) × 0.0305 in (0.77 mm)
V-VLB-outer · Veneer · VLB-outer	11.561 in (293.65 mm) × 1.561 in (39.65 mm) × 0.0305 in (0.77 mm)	11.061 in (280.95 mm) × 1.061 in (26.95 mm) × 0.0305 in (0.77 mm)
V-VLB-low · Veneer · VLB-low	11 1/2 in (292.1 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	11 in (279.4 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VLB-high · Veneer · VLB-high	11 1/2 in (292.1 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	9 in (228.6 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VLB-near · Veneer · VLB-near	1.561 in (39.65 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	1.061 in (26.95 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VLB-far · Veneer · VLB-far	1.561 in (39.65 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	1.061 in (26.95 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VLT-outer · Veneer · VLT-outer	11.561 in (293.65 mm) × 1.561 in (39.65 mm) × 0.0305 in (0.77 mm)	11.061 in (280.95 mm) × 1.061 in (26.95 mm) × 0.0305 in (0.77 mm)
V-VLT-low · Veneer · VLT-low	11 1/2 in (292.1 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	9 in (228.6 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VLT-high · Veneer · VLT-high	11 1/2 in (292.1 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	11 in (279.4 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VLT-near · Veneer · VLT-near	1.561 in (39.65 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	1.061 in (26.95 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)

Cut list · continued

One of each named ID. Rough blanks include scheduled trimming. Thickness is the prepared blank: plane 3/4-inch (19.05 mm) pine to 3/8 inch (9.53 mm) before ripping thin strips. Fit the listed anti-lift inserts from 1/2-inch (12.7 mm) HDPE stock to their accepted installed thickness. Reference finished sizes need actual-material fitting. V-parts represent the complete cured veneer stack. Hardware profiles use schematic stock lanes: never rip them to the lane width. Glass is a fabricator order after accepted field sizing.

Part	Rough length × width × prepared thickness	Reference finished size
V-VLT-far · Veneer · VLT-far	1.561 in (39.65 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	1.061 in (26.95 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VLF-outer · Veneer · VLF-outer	3.439 in (87.35 mm) × 1.561 in (39.65 mm) × 0.0305 in (0.77 mm)	2.939 in (74.65 mm) × 1.061 in (26.95 mm) × 0.0305 in (0.77 mm)
V-VLF-near · Veneer · VLF-near	3 1/2 in (88.9 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	2.939 in (74.65 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VLF-far · Veneer · VLF-far	3 1/2 in (88.9 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	2.939 in (74.65 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VLA-outer · Veneer · VLA-outer	3.439 in (87.35 mm) × 1.561 in (39.65 mm) × 0.0305 in (0.77 mm)	2.939 in (74.65 mm) × 1.061 in (26.95 mm) × 0.0305 in (0.77 mm)
V-VLA-near · Veneer · VLA-near	3 1/2 in (88.9 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	2.939 in (74.65 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VLA-far · Veneer · VLA-far	3 1/2 in (88.9 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	2.939 in (74.65 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VRB-outer · Veneer · VRB-outer	11.561 in (293.65 mm) × 1.561 in (39.65 mm) × 0.0305 in (0.77 mm)	11.061 in (280.95 mm) × 1.061 in (26.95 mm) × 0.0305 in (0.77 mm)
V-VRB-low · Veneer · VRB-low	11 1/2 in (292.1 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	11 in (279.4 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VRB-high · Veneer · VRB-high	11 1/2 in (292.1 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	9 in (228.6 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)

Cut list · continued

One of each named ID. Rough blanks include scheduled trimming. Thickness is the prepared blank: plane 3/4-inch (19.05 mm) pine to 3/8 inch (9.53 mm) before ripping thin strips. Fit the listed anti-lift inserts from 1/2-inch (12.7 mm) HDPE stock to their accepted installed thickness. Reference finished sizes need actual-material fitting. V-parts represent the complete cured veneer stack. Hardware profiles use schematic stock lanes: never rip them to the lane width. Glass is a fabricator order after accepted field sizing.

Part	Rough length × width × prepared thickness	Reference finished size
V-VRB-near · Veneer · VRB-near	1.561 in (39.65 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	1.061 in (26.95 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VRB-far · Veneer · VRB-far	1.561 in (39.65 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	1.061 in (26.95 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VRT-outer · Veneer · VRT-outer	11.561 in (293.65 mm) × 1.561 in (39.65 mm) × 0.0305 in (0.77 mm)	11.061 in (280.95 mm) × 1.061 in (26.95 mm) × 0.0305 in (0.77 mm)
V-VRT-low · Veneer · VRT-low	11 1/2 in (292.1 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	9 in (228.6 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VRT-high · Veneer · VRT-high	11 1/2 in (292.1 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	11 in (279.4 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VRT-near · Veneer · VRT-near	1.561 in (39.65 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	1.061 in (26.95 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VRT-far · Veneer · VRT-far	1.561 in (39.65 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	1.061 in (26.95 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VRF-outer · Veneer · VRF-outer	3.439 in (87.35 mm) × 1.561 in (39.65 mm) × 0.0305 in (0.77 mm)	2.939 in (74.65 mm) × 1.061 in (26.95 mm) × 0.0305 in (0.77 mm)
V-VRF-near · Veneer · VRF-near	3 1/2 in (88.9 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	2.939 in (74.65 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VRF-far · Veneer · VRF-far	3 1/2 in (88.9 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	2.939 in (74.65 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)

Cut list · continued

One of each named ID. Rough blanks include scheduled trimming. Thickness is the prepared blank: plane 3/4-inch (19.05 mm) pine to 3/8 inch (9.53 mm) before ripping thin strips. Fit the listed anti-lift inserts from 1/2-inch (12.7 mm) HDPE stock to their accepted installed thickness. Reference finished sizes need actual-material fitting. V-parts represent the complete cured veneer stack. Hardware profiles use schematic stock lanes: never rip them to the lane width. Glass is a fabricator order after accepted field sizing.

Part	Rough length × width × prepared thickness	Reference finished size
V-VRA-outer · Veneer · VRA-outer	3.439 in (87.35 mm) × 1.561 in (39.65 mm) × 0.0305 in (0.77 mm)	2.939 in (74.65 mm) × 1.061 in (26.95 mm) × 0.0305 in (0.77 mm)
V-VRA-near · Veneer · VRA-near	3 1/2 in (88.9 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	2.939 in (74.65 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
V-VRA-far · Veneer · VRA-far	3 1/2 in (88.9 mm) × 7/8 in (22.23 mm) × 0.0305 in (0.77 mm)	2.939 in (74.65 mm) × 3/8 in (9.53 mm) × 0.0305 in (0.77 mm)
TRACK-T · D603 upper channel	29.48775 in (748.99 mm) long; supplied profile	29.36275 in (745.81 mm) long; preserve factory section
JAMBL · D603 vertical jamb receiver	23.28875 in (591.53 mm) long; supplied profile	23.16375 in (588.36 mm) long; preserve factory section
JAMBR · D603 vertical jamb receiver	23.28875 in (591.53 mm) long; supplied profile	23.16375 in (588.36 mm) long; preserve factory section
TRACK-B · D602 lower rail	29.48775 in (748.99 mm) long; supplied profile	29.36275 in (745.81 mm) long; preserve factory section
HL · D610 roller shoe	15.553375 in (395.06 mm) long; supplied profile	15.428375 in (391.88 mm) long; preserve factory section
HR · D610 roller shoe	15.553375 in (395.06 mm) long; supplied profile	15.428375 in (391.88 mm) long; preserve factory section
ALF1 · Removable anti-lift left end insert	9.78758333 in (248.6 mm) × 0.555 in (14.1 mm) × 0.2375 in (6.03 mm)	9.66258333 in (245.43 mm) × 0.43 in (10.92 mm) × 0.2375 in (6.03 mm)

Cut list · continued

One of each named ID. Rough blanks include scheduled trimming. Thickness is the prepared blank: plane 3/4-inch (19.05 mm) pine to 3/8 inch (9.53 mm) before ripping thin strips. Fit the listed anti-lift inserts from 1/2-inch (12.7 mm) HDPE stock to their accepted installed thickness. Reference finished sizes need actual-material fitting. V-parts represent the complete cured veneer stack. Hardware profiles use schematic stock lanes: never rip them to the lane width. Glass is a fabricator order after accepted field sizing.

Part	Rough length × width × prepared thickness	Reference finished size
ALF2 · Removable anti-lift middle insert	9.91258333 in (251.78 mm) × 0.555 in (14.1 mm) × 0.2375 in (6.03 mm)	9.78758333 in (248.6 mm) × 0.43 in (10.92 mm) × 0.2375 in (6.03 mm)
ALB1 · Removable anti-lift left end insert	9.78758333 in (248.6 mm) × 0.555 in (14.1 mm) × 0.2375 in (6.03 mm)	9.66258333 in (245.43 mm) × 0.43 in (10.92 mm) × 0.2375 in (6.03 mm)
ALB2 · Removable anti-lift middle insert	9.91258333 in (251.78 mm) × 0.555 in (14.1 mm) × 0.2375 in (6.03 mm)	9.78758333 in (248.6 mm) × 0.43 in (10.92 mm) × 0.2375 in (6.03 mm)
STOPLF · Bond-retained neoprene jamb cushion	23.28875 in (591.53 mm) × 0.405 in (10.29 mm) × 1/16 in (1.59 mm)	23.16375 in (588.36 mm) × 0.28 in (7.11 mm) × 1/16 in (1.59 mm)
STOPLB · Bond-retained neoprene jamb cushion	23.28875 in (591.53 mm) × 0.405 in (10.29 mm) × 1/16 in (1.59 mm)	23.16375 in (588.36 mm) × 0.28 in (7.11 mm) × 1/16 in (1.59 mm)
STOPRF · Bond-retained neoprene jamb cushion	23.28875 in (591.53 mm) × 0.405 in (10.29 mm) × 1/16 in (1.59 mm)	23.16375 in (588.36 mm) × 0.28 in (7.11 mm) × 1/16 in (1.59 mm)
STOPRB · Bond-retained neoprene jamb cushion	23.28875 in (591.53 mm) × 0.405 in (10.29 mm) × 1/16 in (1.59 mm)	23.16375 in (588.36 mm) × 0.28 in (7.11 mm) × 1/16 in (1.59 mm)
LINER-BLANK · One-piece liner blank	64 in (1625.6 mm) × 44 in (1117.6 mm) × 0.045 in (1.14 mm)	64 in (1625.6 mm) × 44 in (1117.6 mm) × 0.045 in (1.14 mm)
UNDERLAY-BLANK · Protective underlay blank	64 in (1625.6 mm) × 44 in (1117.6 mm) × 0.08 in (2.03 mm)	64 in (1625.6 mm) × 44 in (1117.6 mm); measure actual compressed thickness
VINYLL · GC728C dry-glazing vinyl	15.553375 in (395.06 mm) long; supplied profile	15.428375 in (391.88 mm) long; preserve factory section

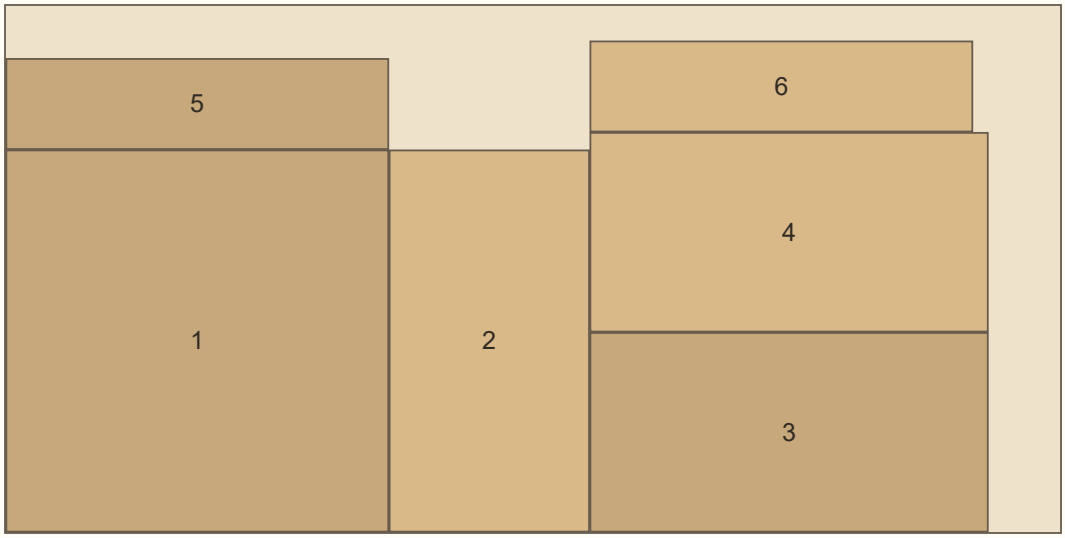
Cut list · continued

One of each named ID. Rough blanks include scheduled trimming. Thickness is the prepared blank: plane 3/4-inch (19.05 mm) pine to 3/8 inch (9.53 mm) before ripping thin strips. Fit the listed anti-lift inserts from 1/2-inch (12.7 mm) HDPE stock to their accepted installed thickness. Reference finished sizes need actual-material fitting. V-parts represent the complete cured veneer stack. Hardware profiles use schematic stock lanes: never rip them to the lane width. Glass is a fabricator order after accepted field sizing.

Part	Rough length × width × prepared thickness	Reference finished size
VINYLR · GC728C dry-glazing vinyl	15.553375 in (395.06 mm) long; supplied profile	15.428375 in (391.88 mm) long; preserve factory section
GL · L polished tempered glass	15.428375 in (391.88 mm) × 22 27/32 in (580.23 mm) × 0.23622047 in (6 mm)	15.428375 in (391.88 mm) × 22 27/32 in (580.23 mm) × 0.23622047 in (6 mm)
GR · R polished tempered glass	15.428375 in (391.88 mm) × 22 27/32 in (580.23 mm) × 0.23622047 in (6 mm)	15.428375 in (391.88 mm) × 22 27/32 in (580.23 mm) × 0.23622047 in (6 mm)
ALF3 · Removable anti-lift right end insert	9.78758333 in (248.6 mm) × 0.555 in (14.1 mm) × 0.2375 in (6.03 mm)	9.66258333 in (245.43 mm) × 0.43 in (10.92 mm) × 0.2375 in (6.03 mm)
ALB3 · Removable anti-lift right end insert	9.78758333 in (248.6 mm) × 0.555 in (14.1 mm) × 0.2375 in (6.03 mm)	9.66258333 in (245.43 mm) × 0.43 in (10.92 mm) × 0.2375 in (6.03 mm)

PLY-1 · numbered stock allocation

PLY-1 · numbered rough-stock allocation



96 in (2438.4 mm) × 48 in (1219.2 mm) stock · length →

Numbers match the ordered ID and coordinate table. Keep each rough blank labeled.
Use the scheduled grain, trim and kerf; support stock and waste throughout cutting.

N08 · V5 local 01 · Reference geometry; verify actual received parts

Numbers match the ordered ID and exact stock-coordinate table

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

PLY-1 · exact rough positions

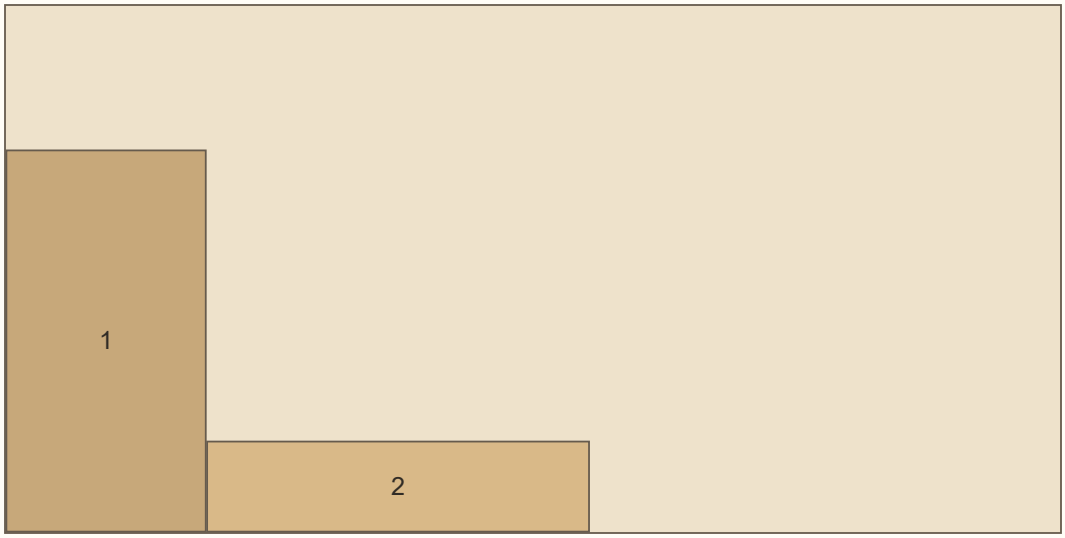
Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
1 · P04	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	34 23/32 in (881.86 mm) × 34 21/32 in (880.27 mm)
2 · P03L	34 31/32 in (888.21 mm) / 1/8 in (3.18 mm)	18 1/8 in (460.38 mm) × 34 21/32 in (880.27 mm)
3 · P01	53 7/32 in (1351.76 mm) / 1/8 in (3.18 mm)	36 1/8 in (917.58 mm) × 18 1/16 in (458.79 mm)
4 · P02	53 7/32 in (1351.76 mm) / 18 5/16 in (465.14 mm)	36 1/8 in (917.58 mm) × 18 1/16 in (458.79 mm)
5 · RB1	1/8 in (3.18 mm) / 34 29/32 in (886.62 mm)	34 23/32 in (881.86 mm) × 8 3/16 in (207.96 mm)
6 · RB2	53 7/32 in (1351.76 mm) / 36 1/2 in (927.1 mm)	34 23/32 in (881.86 mm) × 8 3/16 in (207.96 mm)

Stock 96 in (2438.4 mm) × 48 in (1219.2 mm); trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm).

PLY-2 · numbered stock allocation

PLY-2 · numbered rough-stock allocation



96 in (2438.4 mm) × 48 in (1219.2 mm) stock · length →

Numbers match the ordered ID and coordinate table. Keep each rough blank labeled.
Use the scheduled grain, trim and kerf; support stock and waste throughout cutting.

N08 · V5 local 01 · Reference geometry; verify actual received parts

Numbers match the ordered ID and exact stock-coordinate table

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

PLY-2 · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

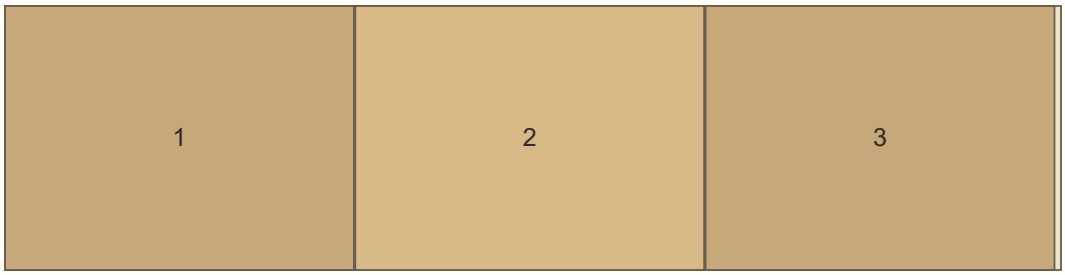
Number / part	Stock X / Y	Rough length × width
1 · P03R	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	18 1/8 in (460.38 mm) × 34 21/32 in (880.27 mm)
2 · RB3	18 3/8 in (466.73 mm) / 1/8 in (3.18 mm)	34 23/32 in (881.86 mm) × 8 3/16 in (207.96 mm)

Stock 96 in (2438.4 mm) × 48 in (1219.2 mm); trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm).

SOLID-1 · numbered stock allocation

SOLID-1 · numbered rough-stock allocation

Stock width enlarged; use the listed dimensions



96 in (2438.4 mm) × 1 1/2 in (38.1 mm) stock · length →

Numbers match the ordered ID and coordinate table. Keep each rough blank labeled.
Use the scheduled grain, trim and kerf; support stock and waste throughout cutting.

N08 · V5 local 01 · Reference geometry; verify actual received parts

Numbers match the ordered ID and exact stock-coordinate table

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

SOLID-1 · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

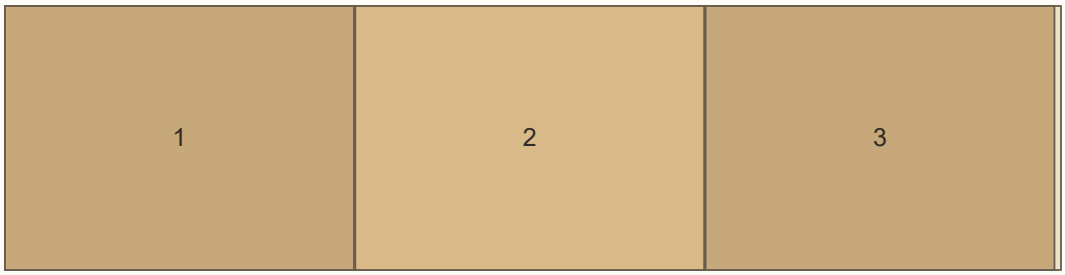
Number / part	Stock X / Y	Rough length × width
1 · CLU	0 in (0 mm) / 0 in (0 mm)	31 23/32 in (805.66 mm) × 1 1/2 in (38.1 mm)
2 · CRU	31 27/32 in (808.83 mm) / 0 in (0 mm)	31 23/32 in (805.66 mm) × 1 1/2 in (38.1 mm)
3 · CF	63 11/16 in (1617.66 mm) / 0 in (0 mm)	31 23/32 in (805.66 mm) × 1 1/2 in (38.1 mm)

Stock 96 in (2438.4 mm) × 1 1/2 in (38.1 mm); trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm).

SOLID-2 · numbered stock allocation

SOLID-2 · numbered rough-stock allocation

Stock width enlarged; use the listed dimensions



96 in (2438.4 mm) × 1 1/2 in (38.1 mm) stock · length →

Numbers match the ordered ID and coordinate table. Keep each rough blank labeled.
Use the scheduled grain, trim and kerf; support stock and waste throughout cutting.

N08 · V5 local 01 · Reference geometry; verify actual received parts

Numbers match the ordered ID and exact stock-coordinate table

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

SOLID-2 · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

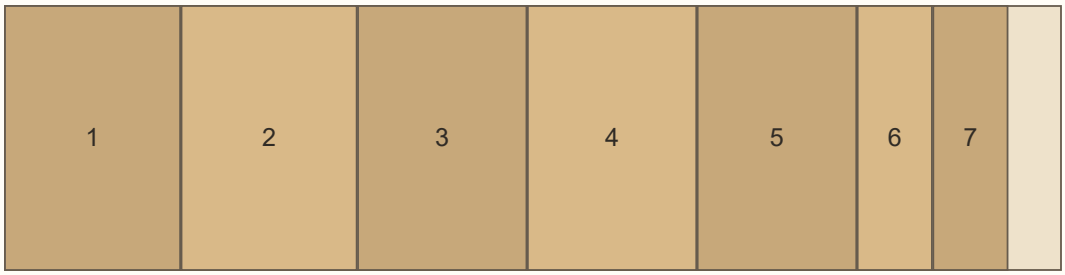
Number / part	Stock X / Y	Rough length × width
1 · CB	0 in (0 mm) / 0 in (0 mm)	31 23/32 in (805.66 mm) × 1 1/2 in (38.1 mm)
2 · CT	31 27/32 in (808.83 mm) / 0 in (0 mm)	31 23/32 in (805.66 mm) × 1 1/2 in (38.1 mm)
3 · CM	63 11/16 in (1617.66 mm) / 0 in (0 mm)	31 23/32 in (805.66 mm) × 1 1/2 in (38.1 mm)

Stock 96 in (2438.4 mm) × 1 1/2 in (38.1 mm); trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm).

SOLID-3 · numbered stock allocation

SOLID-3 · numbered rough-stock allocation

Stock width enlarged; use the listed dimensions



96 in (2438.4 mm) × 1 1/2 in (38.1 mm) stock · length →

Numbers match the ordered ID and coordinate table. Keep each rough blank labeled.
Use the scheduled grain, trim and kerf; support stock and waste throughout cutting.

N08 · V5 local 01 · Reference geometry; verify actual received parts

Numbers match the ordered ID and exact stock-coordinate table

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

SOLID-3 · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
1 · CLT	0 in (0 mm) / 0 in (0 mm)	15 59/64 in (404.42 mm) × 1 1/2 in (38.1 mm)
2 · CRT	16 3/64 in (407.59 mm) / 0 in (0 mm)	15 59/64 in (404.42 mm) × 1 1/2 in (38.1 mm)
3 · CLB	32 3/32 in (815.18 mm) / 0 in (0 mm)	15 5/16 in (388.94 mm) × 1 1/2 in (38.1 mm)
4 · CRB	47 17/32 in (1207.29 mm) / 0 in (0 mm)	15 5/16 in (388.94 mm) × 1 1/2 in (38.1 mm)
5 · CR	62 31/32 in (1599.41 mm) / 0 in (0 mm)	14 27/64 in (366.32 mm) × 1 1/2 in (38.1 mm)
6 · CFL	77 33/64 in (1968.9 mm) / 0 in (0 mm)	6 3/4 in (171.45 mm) × 1 1/2 in (38.1 mm)
7 · CF1	84 25/64 in (2143.52 mm) / 0 in (0 mm)	6 3/4 in (171.45 mm) × 1 1/2 in (38.1 mm)

Stock 96 in (2438.4 mm) × 1 1/2 in (38.1 mm); trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm).

SOLID-4 · numbered stock allocation

SOLID-4 · numbered rough-stock allocation

Stock width enlarged; use the listed dimensions

96 in (2438.4 mm) × 1 1/2 in (38.1 mm) stock · length →

Numbers match the ordered ID and coordinate table. Keep each rough blank labeled.
Use the scheduled grain, trim and kerf; support stock and waste throughout cutting.

N08 · V5 local 01 · Reference geometry; verify actual received parts

Numbers match the ordered ID and exact stock-coordinate table

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

SOLID-4 · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
1 · CFR	0 in (0 mm) / 0 in (0 mm)	6 3/4 in (171.45 mm) × 1 1/2 in (38.1 mm)

Stock 96 in (2438.4 mm) × 1 1/2 in (38.1 mm); trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm).

MESH-1 · numbered stock allocation

MESH-1 · numbered rough-stock allocation

120 in (3048 mm) × 48 in (1219.2 mm) stock · length →

Numbers match the ordered ID and coordinate table. Keep each rough blank labeled.
Use the scheduled grain, trim and kerf; support stock and waste throughout cutting.

N08 · V5 local 01 · Reference geometry; verify actual received parts

Numbers match the ordered ID and exact stock-coordinate table

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

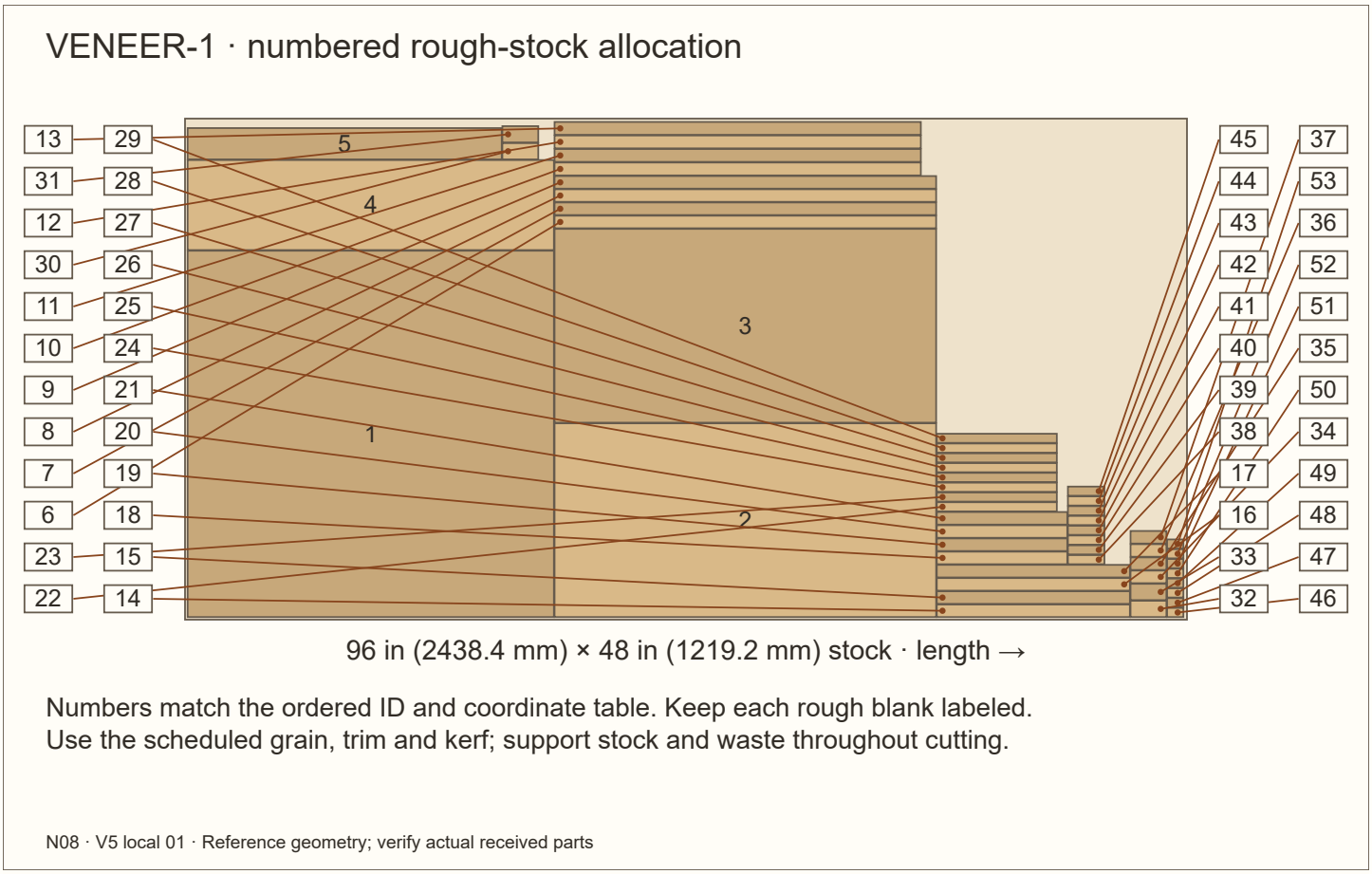
MESH-1 · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
1 · MTL	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	13 in (330.2 mm) × 11 in (279.4 mm)
2 · MTR	1/8 in (3.18 mm) / 11 1/4 in (285.75 mm)	13 in (330.2 mm) × 11 in (279.4 mm)
3 · ML	1/8 in (3.18 mm) / 22 3/8 in (568.33 mm)	10 in (254 mm) × 4 in (101.6 mm)
4 · MR	1/8 in (3.18 mm) / 26 1/2 in (673.1 mm)	10 in (254 mm) × 4 in (101.6 mm)

Stock 120 in (3048 mm) × 48 in (1219.2 mm); trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm).

VENEER-1 · numbered stock allocation



Numbers match the ordered ID and exact stock-coordinate table

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

VENEER-1 · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
1 · V-back	1/4 in (6.35 mm) / 1/4 in (6.35 mm)	35 3/32 in (891.38 mm) × 35 3/32 in (891.38 mm)
2 · V-floor-under	35 13/32 in (899.32 mm) / 1/4 in (6.35 mm)	36.561 in (928.65 mm) × 18.561 in (471.45 mm)
3 · V-roof-top	35 13/32 in (899.32 mm) / 18.8735 in (479.39 mm)	36.561 in (928.65 mm) × 18.561 in (471.45 mm)
4 · V-RB1-front	1/4 in (6.35 mm) / 35 13/32 in (899.32 mm)	35 3/32 in (891.38 mm) × 8 5/8 in (219.08 mm)
5 · V-F0T-front	1/4 in (6.35 mm) / 44 3/32 in (1119.98 mm)	30 3/32 in (764.38 mm) × 3 in (76.2 mm)
6 · V-P01-front	35 13/32 in (899.32 mm) / 37.497 in (952.42 mm)	36.561 in (928.65 mm) × 1 13/64 in (30.56 mm)
7 · V-P01-back	35 13/32 in (899.32 mm) / 38.762625 in (984.57 mm)	36.561 in (928.65 mm) × 1 13/64 in (30.56 mm)
8 · V-P02-front	35 13/32 in (899.32 mm) / 40.02825 in (1016.72 mm)	36.561 in (928.65 mm) × 1 13/64 in (30.56 mm)
9 · V-P02-back	35 13/32 in (899.32 mm) / 41.293875 in (1048.86 mm)	36.561 in (928.65 mm) × 1 13/64 in (30.56 mm)
10 · V-P03L-front	35 13/32 in (899.32 mm) / 42.5595 in (1081.01 mm)	35 3/32 in (891.38 mm) × 1.233625 in (31.33 mm)
11 · V-P03L-back	35 13/32 in (899.32 mm) / 43.855625 in (1113.93 mm)	35 3/32 in (891.38 mm) × 1.233625 in (31.33 mm)
12 · V-P03R-front	35 13/32 in (899.32 mm) / 45.15175 in (1146.85 mm)	35 3/32 in (891.38 mm) × 1.233625 in (31.33 mm)
13 · V-P03R-back	35 13/32 in (899.32 mm) / 46.447875 in (1179.78 mm)	35 3/32 in (891.38 mm) × 1.233625 in (31.33 mm)
14 · V-P01-left	72.02975 in (1829.56 mm) / 1/4 in (6.35 mm)	18 1/2 in (469.9 mm) × 1 13/64 in (30.56 mm)
15 · V-P01-right	72.02975 in (1829.56 mm) / 1 33/64 in (38.5 mm)	18 1/2 in (469.9 mm) × 1 13/64 in (30.56 mm)

Stock 96 in (2438.4 mm) × 48 in (1219.2 mm); trim 1/4 in (6.35 mm); kerf/separation 1/16 in (1.59 mm).

VENEER-1 · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
16 · V-P02-left	72.02975 in (1829.56 mm) / 2 25/32 in (70.64 mm)	18 1/2 in (469.9 mm) × 1 13/64 in (30.56 mm)
17 · V-P02-right	72.02975 in (1829.56 mm) / 4 3/64 in (102.79 mm)	18 1/2 in (469.9 mm) × 1 13/64 in (30.56 mm)
18 · V-TL-front	72.02975 in (1829.56 mm) / 5 5/16 in (134.94 mm)	12 1/2 in (317.5 mm) × 1 13/64 in (30.56 mm)
19 · V-TL-back	72.02975 in (1829.56 mm) / 6 37/64 in (167.08 mm)	12 1/2 in (317.5 mm) × 1 13/64 in (30.56 mm)
20 · V-TR-front	72.02975 in (1829.56 mm) / 7 27/32 in (199.23 mm)	12 1/2 in (317.5 mm) × 1 13/64 in (30.56 mm)
21 · V-TR-back	72.02975 in (1829.56 mm) / 9 7/64 in (231.38 mm)	12 1/2 in (317.5 mm) × 1 13/64 in (30.56 mm)
22 · V-VLB-low	72.02975 in (1829.56 mm) / 10 3/8 in (263.53 mm)	11 1/2 in (292.1 mm) × 7/8 in (22.23 mm)
23 · V-VLB-high	72.02975 in (1829.56 mm) / 11 5/16 in (287.34 mm)	11 1/2 in (292.1 mm) × 7/8 in (22.23 mm)
24 · V-VLT-low	72.02975 in (1829.56 mm) / 12 1/4 in (311.15 mm)	11 1/2 in (292.1 mm) × 7/8 in (22.23 mm)
25 · V-VLT-high	72.02975 in (1829.56 mm) / 13 3/16 in (334.96 mm)	11 1/2 in (292.1 mm) × 7/8 in (22.23 mm)
26 · V-VRB-low	72.02975 in (1829.56 mm) / 14 1/8 in (358.78 mm)	11 1/2 in (292.1 mm) × 7/8 in (22.23 mm)
27 · V-VRB-high	72.02975 in (1829.56 mm) / 15 1/16 in (382.59 mm)	11 1/2 in (292.1 mm) × 7/8 in (22.23 mm)
28 · V-VRT-low	72.02975 in (1829.56 mm) / 16 in (406.4 mm)	11 1/2 in (292.1 mm) × 7/8 in (22.23 mm)
29 · V-VRT-high	72.02975 in (1829.56 mm) / 16 15/16 in (430.21 mm)	11 1/2 in (292.1 mm) × 7/8 in (22.23 mm)
30 · V-VLF-outer	30 13/32 in (772.32 mm) / 44 3/32 in (1119.98 mm)	3.439 in (87.35 mm) × 1.561 in (39.65 mm)

Stock 96 in (2438.4 mm) × 48 in (1219.2 mm); trim 1/4 in (6.35 mm); kerf/separation 1/16 in (1.59 mm).

VENEER-1 · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
31 · V-VLA-outer	30 13/32 in (772.32 mm) / 45.71725 in (1161.22 mm)	3.439 in (87.35 mm) × 1.561 in (39.65 mm)
32 · V-VRF-outer	90.59225 in (2301.04 mm) / 1/4 in (6.35 mm)	3.439 in (87.35 mm) × 1.561 in (39.65 mm)
33 · V-VRA-outer	90.59225 in (2301.04 mm) / 1.8735 in (47.59 mm)	3.439 in (87.35 mm) × 1.561 in (39.65 mm)
34 · V-P03L-vent-near	90.59225 in (2301.04 mm) / 3.497 in (88.82 mm)	3.439 in (87.35 mm) × 1 13/64 in (30.56 mm)
35 · V-P03L-vent-far	90.59225 in (2301.04 mm) / 4.762625 in (120.97 mm)	3.439 in (87.35 mm) × 1 13/64 in (30.56 mm)
36 · V-P03R-vent-near	90.59225 in (2301.04 mm) / 6.02825 in (153.12 mm)	3.439 in (87.35 mm) × 1 13/64 in (30.56 mm)
37 · V-P03R-vent-far	90.59225 in (2301.04 mm) / 7.293875 in (185.26 mm)	3.439 in (87.35 mm) × 1 13/64 in (30.56 mm)
38 · V-VLF-near	84.59225 in (2148.64 mm) / 5 5/16 in (134.94 mm)	3 1/2 in (88.9 mm) × 7/8 in (22.23 mm)
39 · V-VLF-far	84.59225 in (2148.64 mm) / 6 1/4 in (158.75 mm)	3 1/2 in (88.9 mm) × 7/8 in (22.23 mm)
40 · V-VLA-near	84.59225 in (2148.64 mm) / 7 3/16 in (182.56 mm)	3 1/2 in (88.9 mm) × 7/8 in (22.23 mm)
41 · V-VLA-far	84.59225 in (2148.64 mm) / 8 1/8 in (206.38 mm)	3 1/2 in (88.9 mm) × 7/8 in (22.23 mm)
42 · V-VRF-near	84.59225 in (2148.64 mm) / 9 1/16 in (230.19 mm)	3 1/2 in (88.9 mm) × 7/8 in (22.23 mm)
43 · V-VRF-far	84.59225 in (2148.64 mm) / 10 in (254 mm)	3 1/2 in (88.9 mm) × 7/8 in (22.23 mm)
44 · V-VRA-near	84.59225 in (2148.64 mm) / 10 15/16 in (277.81 mm)	3 1/2 in (88.9 mm) × 7/8 in (22.23 mm)
45 · V-VRA-far	84.59225 in (2148.64 mm) / 11 7/8 in (301.63 mm)	3 1/2 in (88.9 mm) × 7/8 in (22.23 mm)

Stock 96 in (2438.4 mm) × 48 in (1219.2 mm); trim 1/4 in (6.35 mm); kerf/separation 1/16 in (1.59 mm).

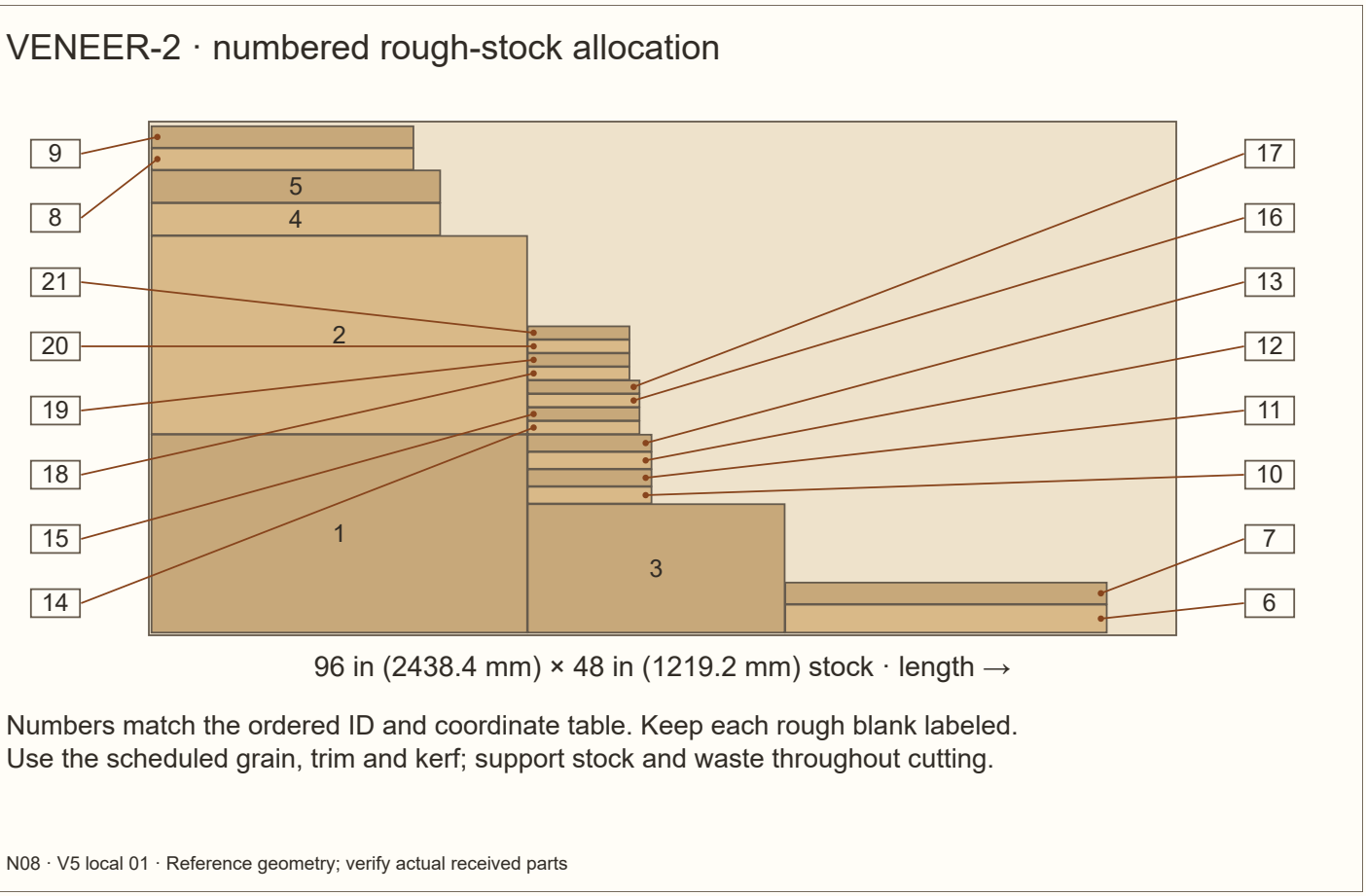
VENEER-1 · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
46 · V-VLB-near	94 3/32 in (2389.98 mm) / 1/4 in (6.35 mm)	1.561 in (39.65 mm) × 7/8 in (22.23 mm)
47 · V-VLB-far	94 3/32 in (2389.98 mm) / 1 3/16 in (30.16 mm)	1.561 in (39.65 mm) × 7/8 in (22.23 mm)
48 · V-VLT-near	94 3/32 in (2389.98 mm) / 2 1/8 in (53.98 mm)	1.561 in (39.65 mm) × 7/8 in (22.23 mm)
49 · V-VLT-far	94 3/32 in (2389.98 mm) / 3 1/16 in (77.79 mm)	1.561 in (39.65 mm) × 7/8 in (22.23 mm)
50 · V-VRB-near	94 3/32 in (2389.98 mm) / 4 in (101.6 mm)	1.561 in (39.65 mm) × 7/8 in (22.23 mm)
51 · V-VRB-far	94 3/32 in (2389.98 mm) / 4 15/16 in (125.41 mm)	1.561 in (39.65 mm) × 7/8 in (22.23 mm)
52 · V-VRT-near	94 3/32 in (2389.98 mm) / 5 7/8 in (149.23 mm)	1.561 in (39.65 mm) × 7/8 in (22.23 mm)
53 · V-VRT-far	94 3/32 in (2389.98 mm) / 6 13/16 in (173.04 mm)	1.561 in (39.65 mm) × 7/8 in (22.23 mm)

Stock 96 in (2438.4 mm) × 48 in (1219.2 mm); trim 1/4 in (6.35 mm); kerf/separation 1/16 in (1.59 mm).

VENEER-2 · numbered stock allocation



Numbers match the ordered ID and exact stock-coordinate table

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

VENEER-2 · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
1 · V-P03L-face	1/4 in (6.35 mm) / 1/4 in (6.35 mm)	35 3/32 in (891.38 mm) × 18 1/2 in (469.9 mm)
2 · V-P03R-face	1/4 in (6.35 mm) / 18 13/16 in (477.84 mm)	35 3/32 in (891.38 mm) × 18 1/2 in (469.9 mm)
3 · TRIAL-veneer	35 13/32 in (899.32 mm) / 1/4 in (6.35 mm)	24 in (609.6 mm) × 12 in (304.8 mm)
4 · V-F0L-front	1/4 in (6.35 mm) / 37 3/8 in (949.33 mm)	26 31/32 in (685.01 mm) × 3 in (76.2 mm)
5 · V-F0R-front	1/4 in (6.35 mm) / 40 7/16 in (1027.11 mm)	26 31/32 in (685.01 mm) × 3 in (76.2 mm)
6 · V-retainer-top	59 15/32 in (1510.51 mm) / 1/4 in (6.35 mm)	30.03275 in (762.83 mm) × 2 39/64 in (66.28 mm)
7 · V-opening-upper	59 15/32 in (1510.51 mm) / 2 59/64 in (74.22 mm)	30.03275 in (762.83 mm) × 2 in (50.8 mm)
8 · V-opening-left	1/4 in (6.35 mm) / 43 1/2 in (1104.9 mm)	24 15/32 in (621.51 mm) × 2 in (50.8 mm)
9 · V-opening-right	1/4 in (6.35 mm) / 45 9/16 in (1157.29 mm)	24 15/32 in (621.51 mm) × 2 in (50.8 mm)
10 · V-VLB-outer	35 13/32 in (899.32 mm) / 12 5/16 in (312.74 mm)	11.561 in (293.65 mm) × 1.561 in (39.65 mm)
11 · V-VLT-outer	35 13/32 in (899.32 mm) / 13.936 in (353.97 mm)	11.561 in (293.65 mm) × 1.561 in (39.65 mm)
12 · V-VRB-outer	35 13/32 in (899.32 mm) / 15.5595 in (395.21 mm)	11.561 in (293.65 mm) × 1.561 in (39.65 mm)
13 · V-VRT-outer	35 13/32 in (899.32 mm) / 17.183 in (436.45 mm)	11.561 in (293.65 mm) × 1.561 in (39.65 mm)
14 · V-TL-left	35 13/32 in (899.32 mm) / 18.8065 in (477.69 mm)	10.439 in (265.15 mm) × 1 13/64 in (30.56 mm)
15 · V-TL-right	35 13/32 in (899.32 mm) / 20.072125 in (509.83 mm)	10.439 in (265.15 mm) × 1 13/64 in (30.56 mm)

Stock 96 in (2438.4 mm) × 48 in (1219.2 mm); trim 1/4 in (6.35 mm); kerf/separation 1/16 in (1.59 mm).

VENEER-2 · exact rough positions

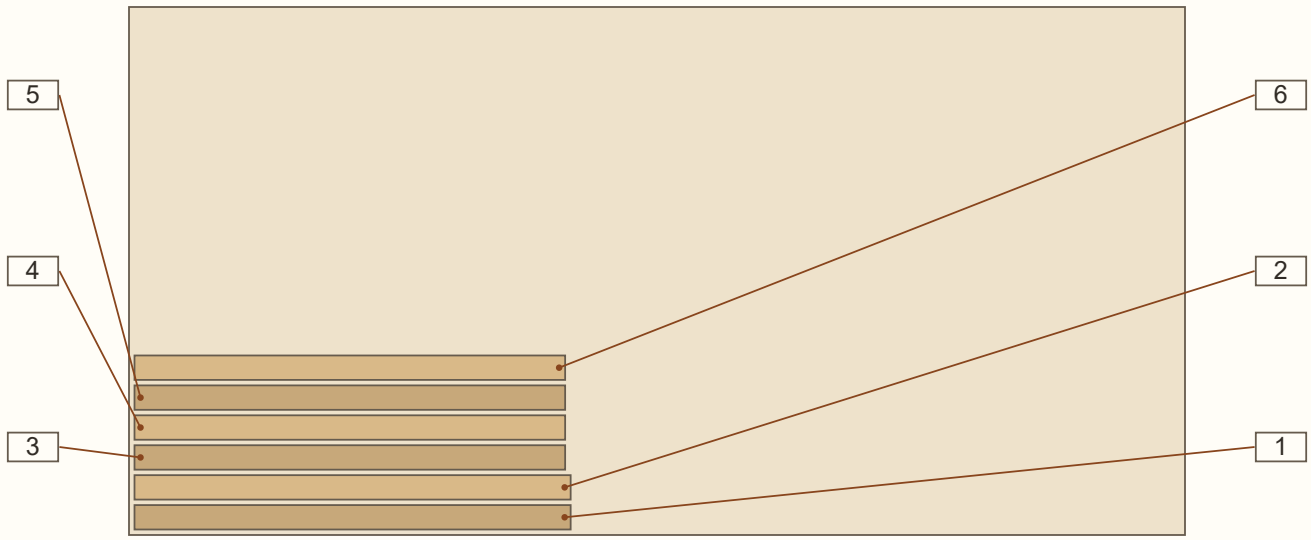
Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
16 · V-TR-left	35 13/32 in (899.32 mm) / 21.33775 in (541.98 mm)	10.439 in (265.15 mm) × 1 13/64 in (30.56 mm)
17 · V-TR-right	35 13/32 in (899.32 mm) / 22.603375 in (574.13 mm)	10.439 in (265.15 mm) × 1 13/64 in (30.56 mm)
18 · V-P03L-vent-bottom	35 13/32 in (899.32 mm) / 23.869 in (606.27 mm)	9 1/2 in (241.3 mm) × 1 13/64 in (30.56 mm)
19 · V-P03L-vent-top	35 13/32 in (899.32 mm) / 25.134625 in (638.42 mm)	9 1/2 in (241.3 mm) × 1 13/64 in (30.56 mm)
20 · V-P03R-vent-bottom	35 13/32 in (899.32 mm) / 26.40025 in (670.57 mm)	9 1/2 in (241.3 mm) × 1 13/64 in (30.56 mm)
21 · V-P03R-vent-top	35 13/32 in (899.32 mm) / 27.665875 in (702.71 mm)	9 1/2 in (241.3 mm) × 1 13/64 in (30.56 mm)

Stock 96 in (2438.4 mm) × 48 in (1219.2 mm); trim 1/4 in (6.35 mm); kerf/separation 1/16 in (1.59 mm).

HDPE-1 · numbered stock allocation

HDPE-1 · numbered rough-stock allocation



24 in (609.6 mm) × 12 in (304.8 mm) stock · length →

Numbers match the ordered ID and coordinate table. Keep each rough blank labeled.
Use the scheduled grain, trim and kerf; support stock and waste throughout cutting.

N08 · V5 local 01 · Reference geometry; verify actual received parts

Numbers match the ordered ID and exact stock-coordinate table

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

HDPE-1 · exact rough positions

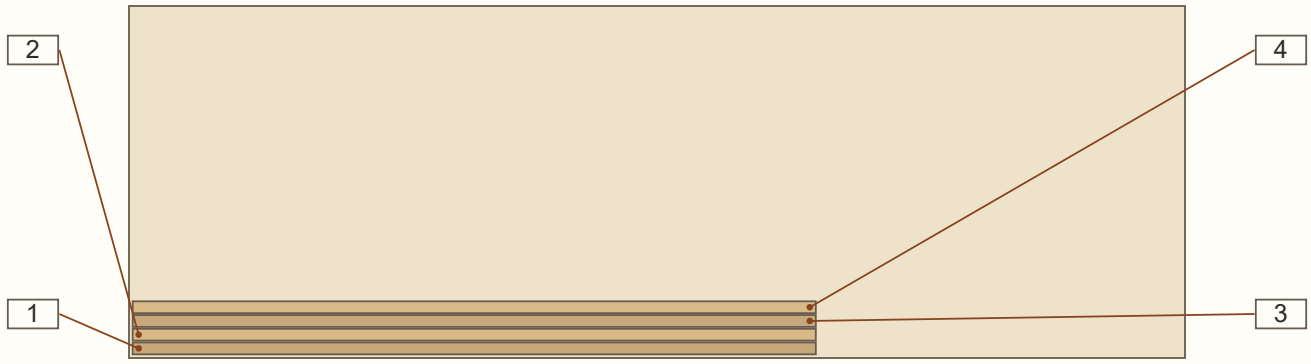
Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
1 · ALF2	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	9.91258333 in (251.78 mm) × 0.555 in (14.1 mm)
2 · ALB2	1/8 in (3.18 mm) / 0.805 in (20.45 mm)	9.91258333 in (251.78 mm) × 0.555 in (14.1 mm)
3 · ALF1	1/8 in (3.18 mm) / 1.485 in (37.72 mm)	9.78758333 in (248.6 mm) × 0.555 in (14.1 mm)
4 · ALB1	1/8 in (3.18 mm) / 2.165 in (54.99 mm)	9.78758333 in (248.6 mm) × 0.555 in (14.1 mm)
5 · ALF3	1/8 in (3.18 mm) / 2.845 in (72.26 mm)	9.78758333 in (248.6 mm) × 0.555 in (14.1 mm)
6 · ALB3	1/8 in (3.18 mm) / 3.525 in (89.53 mm)	9.78758333 in (248.6 mm) × 0.555 in (14.1 mm)

Stock 24 in (609.6 mm) × 12 in (304.8 mm); trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm).

PAD-1 · numbered stock allocation

PAD-1 · numbered rough-stock allocation



36 in (914.4 mm) × 12 in (304.8 mm) stock · length →

Numbers match the ordered ID and coordinate table. Keep each rough blank labeled.
Use the scheduled grain, trim and kerf; support stock and waste throughout cutting.

N08 · V5 local 01 · Reference geometry; verify actual received parts

Numbers match the ordered ID and exact stock-coordinate table

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

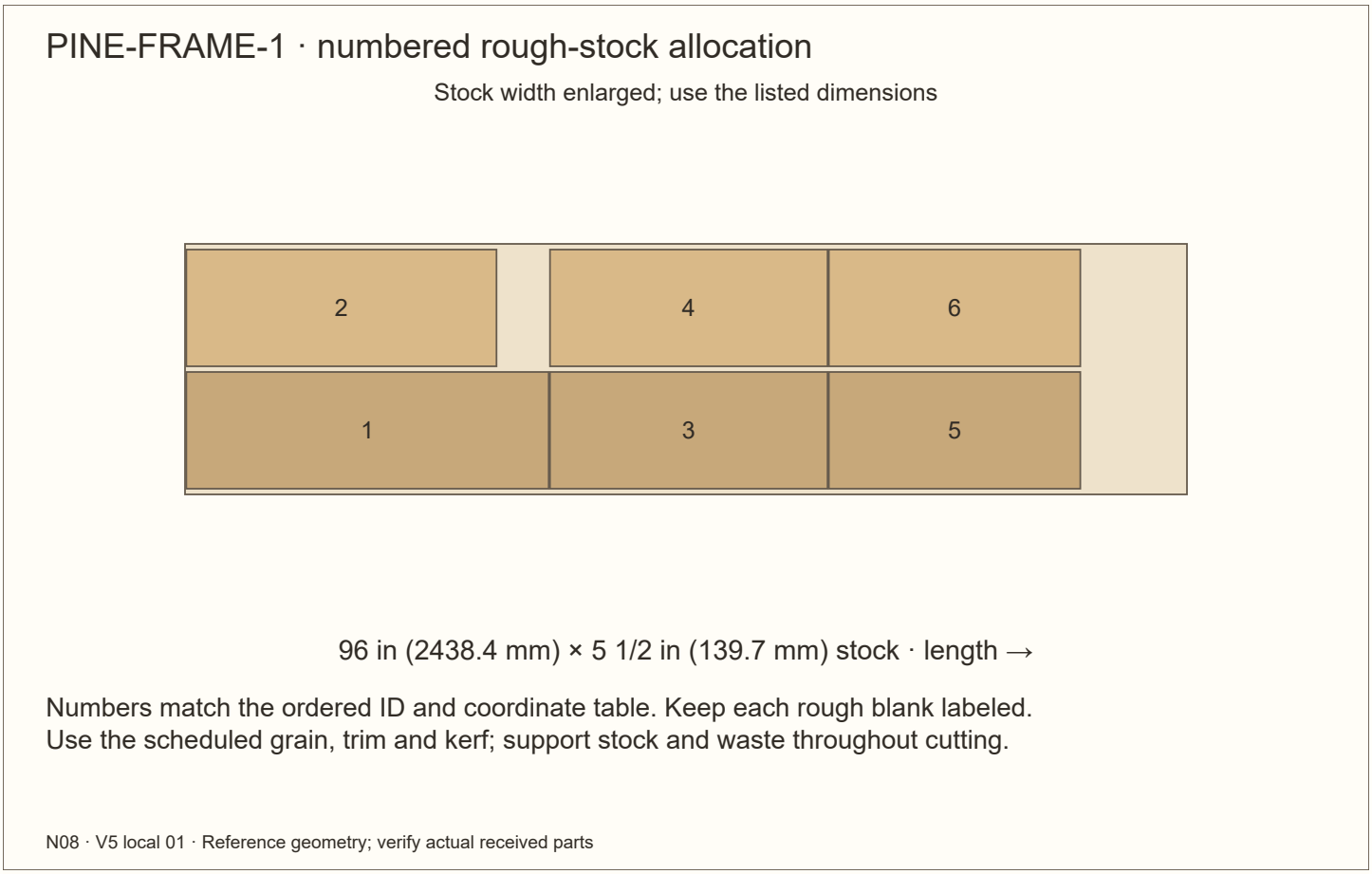
PAD-1 · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
1 · STOPLF	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	23.28875 in (591.53 mm) × 0.405 in (10.29 mm)
2 · STOPLB	1/8 in (3.18 mm) / 0.5925 in (15.05 mm)	23.28875 in (591.53 mm) × 0.405 in (10.29 mm)
3 · STOPRF	1/8 in (3.18 mm) / 1.06 in (26.92 mm)	23.28875 in (591.53 mm) × 0.405 in (10.29 mm)
4 · STOPRB	1/8 in (3.18 mm) / 1.5275 in (38.8 mm)	23.28875 in (591.53 mm) × 0.405 in (10.29 mm)

Stock 36 in (914.4 mm) × 12 in (304.8 mm); trim 1/8 in (3.18 mm); kerf/separation 1/16 in (1.59 mm).

PINE-FRAME-1 · numbered stock allocation



Numbers match the ordered ID and exact stock-coordinate table

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

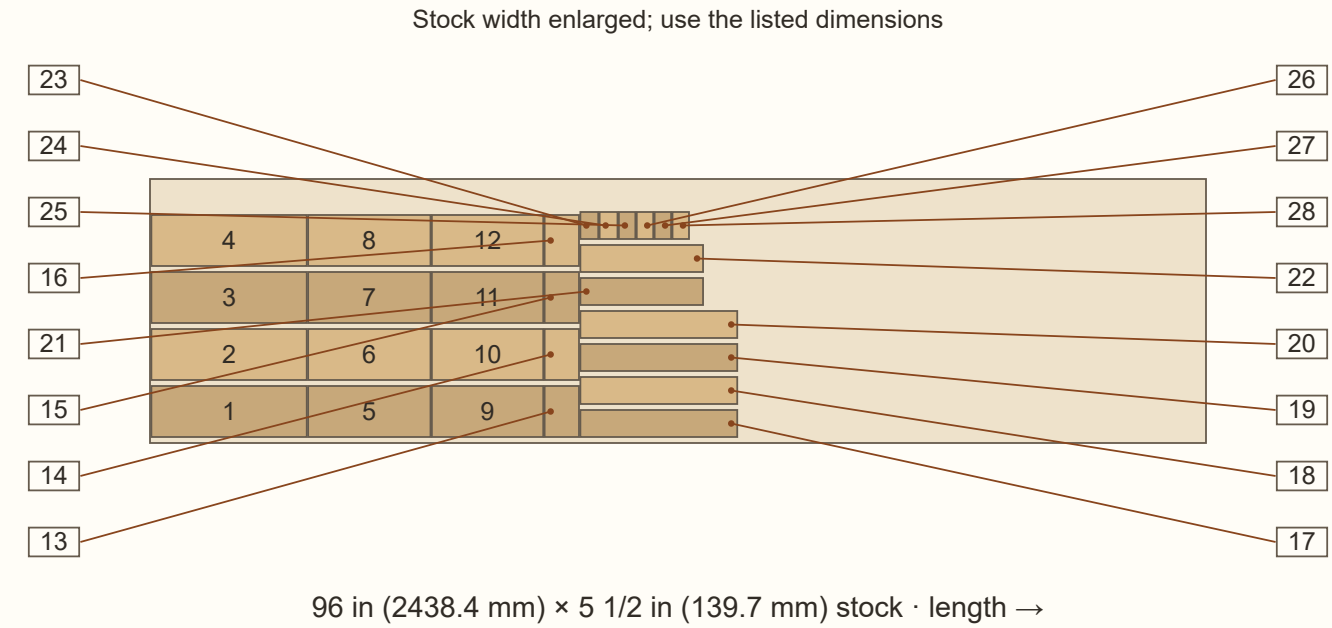
PINE-FRAME-1 · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
1 · F1T	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	34 23/32 in (881.86 mm) × 2 9/16 in (65.09 mm)
2 · F0T	1/8 in (3.18 mm) / 2 13/16 in (71.44 mm)	29 23/32 in (754.86 mm) × 2 9/16 in (65.09 mm)
3 · F0L	34 31/32 in (888.21 mm) / 1/8 in (3.18 mm)	26 19/32 in (675.48 mm) × 2 9/16 in (65.09 mm)
4 · F0R	34 31/32 in (888.21 mm) / 2 13/16 in (71.44 mm)	26 19/32 in (675.48 mm) × 2 9/16 in (65.09 mm)
5 · F1L	61 11/16 in (1566.86 mm) / 1/8 in (3.18 mm)	24 3/32 in (611.98 mm) × 2 9/16 in (65.09 mm)
6 · F1R	61 11/16 in (1566.86 mm) / 2 13/16 in (71.44 mm)	24 3/32 in (611.98 mm) × 2 9/16 in (65.09 mm)

Stock 96 in (2438.4 mm) × 5 1/2 in (139.7 mm); trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm).

PINE-THIN-1 · numbered stock allocation



Numbers match the ordered ID and exact stock-coordinate table

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

PINE-THIN-1 · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
1 · RTLF	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	14 1/8 in (358.78 mm) × 1 1/16 in (26.99 mm)
2 · RTLA	1/8 in (3.18 mm) / 1 5/16 in (33.34 mm)	14 1/8 in (358.78 mm) × 1 1/16 in (26.99 mm)
3 · RTRF	1/8 in (3.18 mm) / 2 1/2 in (63.5 mm)	14 1/8 in (358.78 mm) × 1 1/16 in (26.99 mm)
4 · RTRA	1/8 in (3.18 mm) / 3 11/16 in (93.66 mm)	14 1/8 in (358.78 mm) × 1 1/16 in (26.99 mm)
5 · VLB	14 3/8 in (365.13 mm) / 1/8 in (3.18 mm)	11 1/8 in (282.58 mm) × 1 1/16 in (26.99 mm)
6 · VLT	14 3/8 in (365.13 mm) / 1 5/16 in (33.34 mm)	11 1/8 in (282.58 mm) × 1 1/16 in (26.99 mm)
7 · VRB	14 3/8 in (365.13 mm) / 2 1/2 in (63.5 mm)	11 1/8 in (282.58 mm) × 1 1/16 in (26.99 mm)
8 · VRT	14 3/8 in (365.13 mm) / 3 11/16 in (93.66 mm)	11 1/8 in (282.58 mm) × 1 1/16 in (26.99 mm)
9 · RTLL	25 5/8 in (650.88 mm) / 1/8 in (3.18 mm)	10 1/8 in (257.18 mm) × 1 1/16 in (26.99 mm)
10 · RTLR	25 5/8 in (650.88 mm) / 1 5/16 in (33.34 mm)	10 1/8 in (257.18 mm) × 1 1/16 in (26.99 mm)
11 · RTRL	25 5/8 in (650.88 mm) / 2 1/2 in (63.5 mm)	10 1/8 in (257.18 mm) × 1 1/16 in (26.99 mm)
12 · RTRR	25 5/8 in (650.88 mm) / 3 11/16 in (93.66 mm)	10 1/8 in (257.18 mm) × 1 1/16 in (26.99 mm)
13 · VLF	35 7/8 in (911.23 mm) / 1/8 in (3.18 mm)	3 1/8 in (79.38 mm) × 1 1/16 in (26.99 mm)
14 · VLA	35 7/8 in (911.23 mm) / 1 5/16 in (33.34 mm)	3 1/8 in (79.38 mm) × 1 1/16 in (26.99 mm)
15 · VRF	35 7/8 in (911.23 mm) / 2 1/2 in (63.5 mm)	3 1/8 in (79.38 mm) × 1 1/16 in (26.99 mm)

Stock 96 in (2438.4 mm) × 5 1/2 in (139.7 mm); trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm).

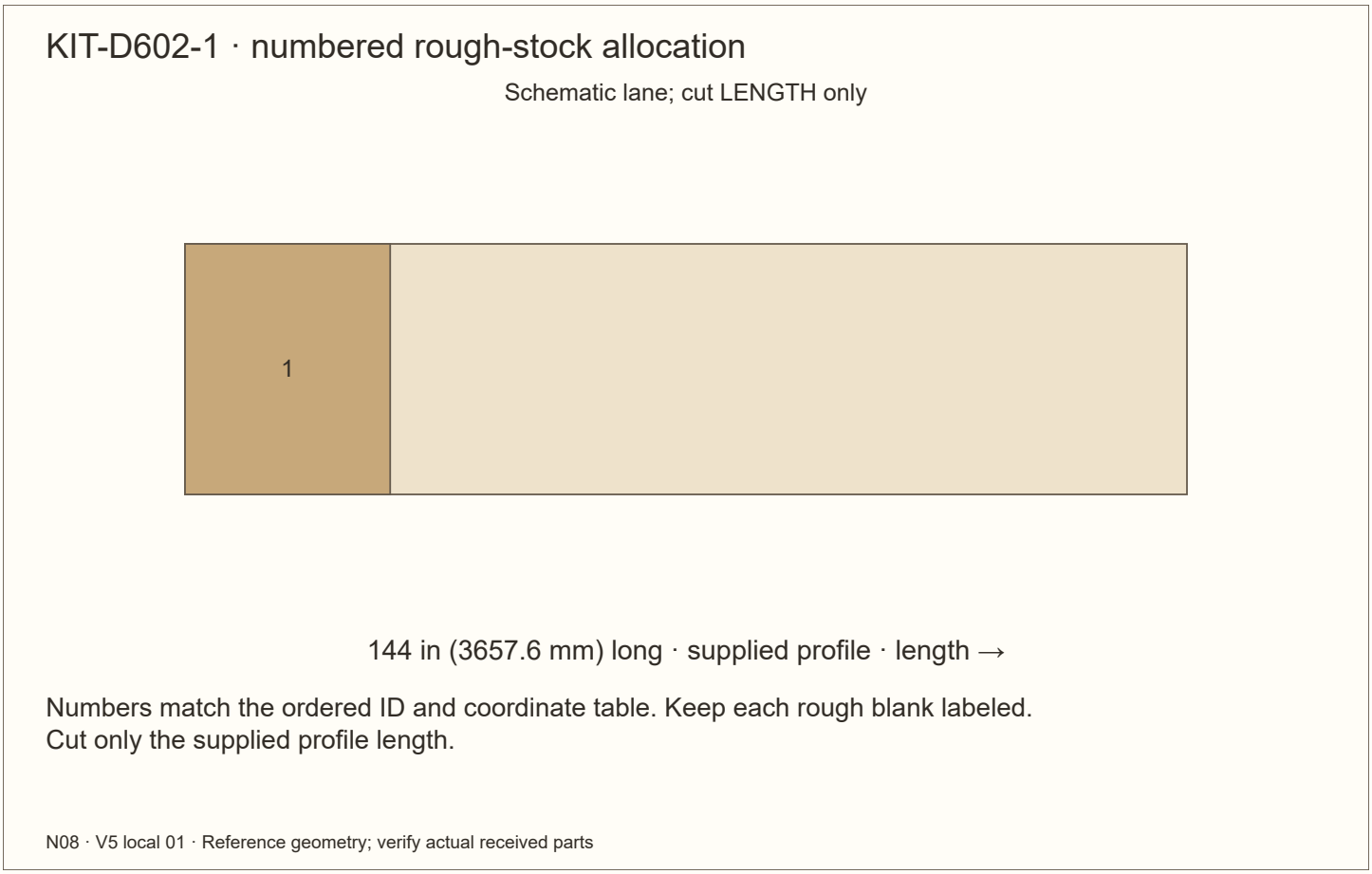
PINE-THIN-1 · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
16 · VRA	35 7/8 in (911.23 mm) / 3 11/16 in (93.66 mm)	3 1/8 in (79.38 mm) × 1 1/16 in (26.99 mm)
17 · LCF2	39 1/8 in (993.78 mm) / 1/8 in (3.18 mm)	14.261875 in (362.25 mm) × 9/16 in (14.29 mm)
18 · LCB2	39 1/8 in (993.78 mm) / 13/16 in (20.64 mm)	14.261875 in (362.25 mm) × 9/16 in (14.29 mm)
19 · LCF1	39 1/8 in (993.78 mm) / 1 1/2 in (38.1 mm)	14.261875 in (362.25 mm) × 9/16 in (14.29 mm)
20 · LCB1	39 1/8 in (993.78 mm) / 2 3/16 in (55.56 mm)	14.261875 in (362.25 mm) × 9/16 in (14.29 mm)
21 · LCL	39 1/8 in (993.78 mm) / 2 7/8 in (73.03 mm)	11.1525 in (283.27 mm) × 9/16 in (14.29 mm)
22 · LCR	39 1/8 in (993.78 mm) / 3 9/16 in (90.49 mm)	11.1525 in (283.27 mm) × 9/16 in (14.29 mm)
23 · LCQ1	39 1/8 in (993.78 mm) / 4 1/4 in (107.95 mm)	1 5/8 in (41.28 mm) × 9/16 in (14.29 mm)
24 · LCP1	40 7/8 in (1038.23 mm) / 4 1/4 in (107.95 mm)	1 5/8 in (41.28 mm) × 9/16 in (14.29 mm)
25 · LCQL	42 5/8 in (1082.68 mm) / 4 1/4 in (107.95 mm)	1 1/2 in (38.1 mm) × 9/16 in (14.29 mm)
26 · LCQR	44 1/4 in (1123.95 mm) / 4 1/4 in (107.95 mm)	1 1/2 in (38.1 mm) × 9/16 in (14.29 mm)
27 · LCPL	45 7/8 in (1165.23 mm) / 4 1/4 in (107.95 mm)	1 1/2 in (38.1 mm) × 9/16 in (14.29 mm)
28 · LCPR	47 1/2 in (1206.5 mm) / 4 1/4 in (107.95 mm)	1 1/2 in (38.1 mm) × 9/16 in (14.29 mm)

Stock 96 in (2438.4 mm) × 5 1/2 in (139.7 mm); trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm).

KIT-D602-1 · numbered stock allocation



Numbers match the ordered ID and exact stock-coordinate table

Length cuts only; keep the supplied profile section intact. Allocate the received 144-inch (3657.6 mm) lower-track and shoe lengths and the two 72-inch (1828.8 mm) upper-channel shipping lengths as shown. Verify the actual kit inventory first.

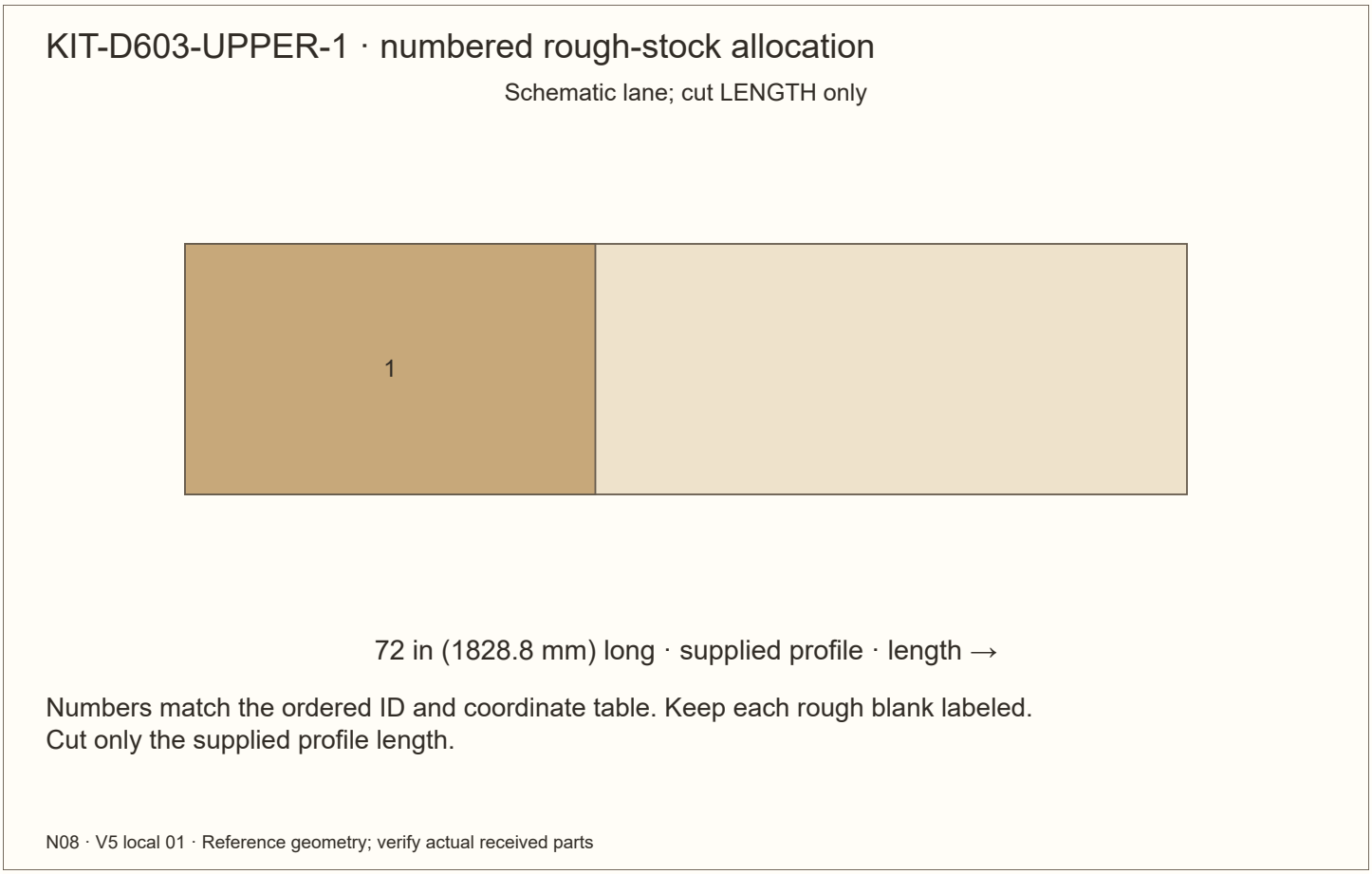
KIT-D602-1 · exact rough positions

Start at the LEFT end of the supplied length. The diagram's lane height is schematic, never a width-cut instruction.

Number / part	Start along length	Rough length
1 · TRACK-B	0 in (0 mm)	29.48775 in (748.99 mm)

Stock 144 in (3657.6 mm) long; supplied cross-section; trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm).

KIT-D603-UPPER-1 · numbered stock allocation



Numbers match the ordered ID and exact stock-coordinate table

Length cuts only; keep the supplied profile section intact. Allocate the received 144-inch (3657.6 mm) lower-track and shoe lengths and the two 72-inch (1828.8 mm) upper-channel shipping lengths as shown. Verify the actual kit inventory first.

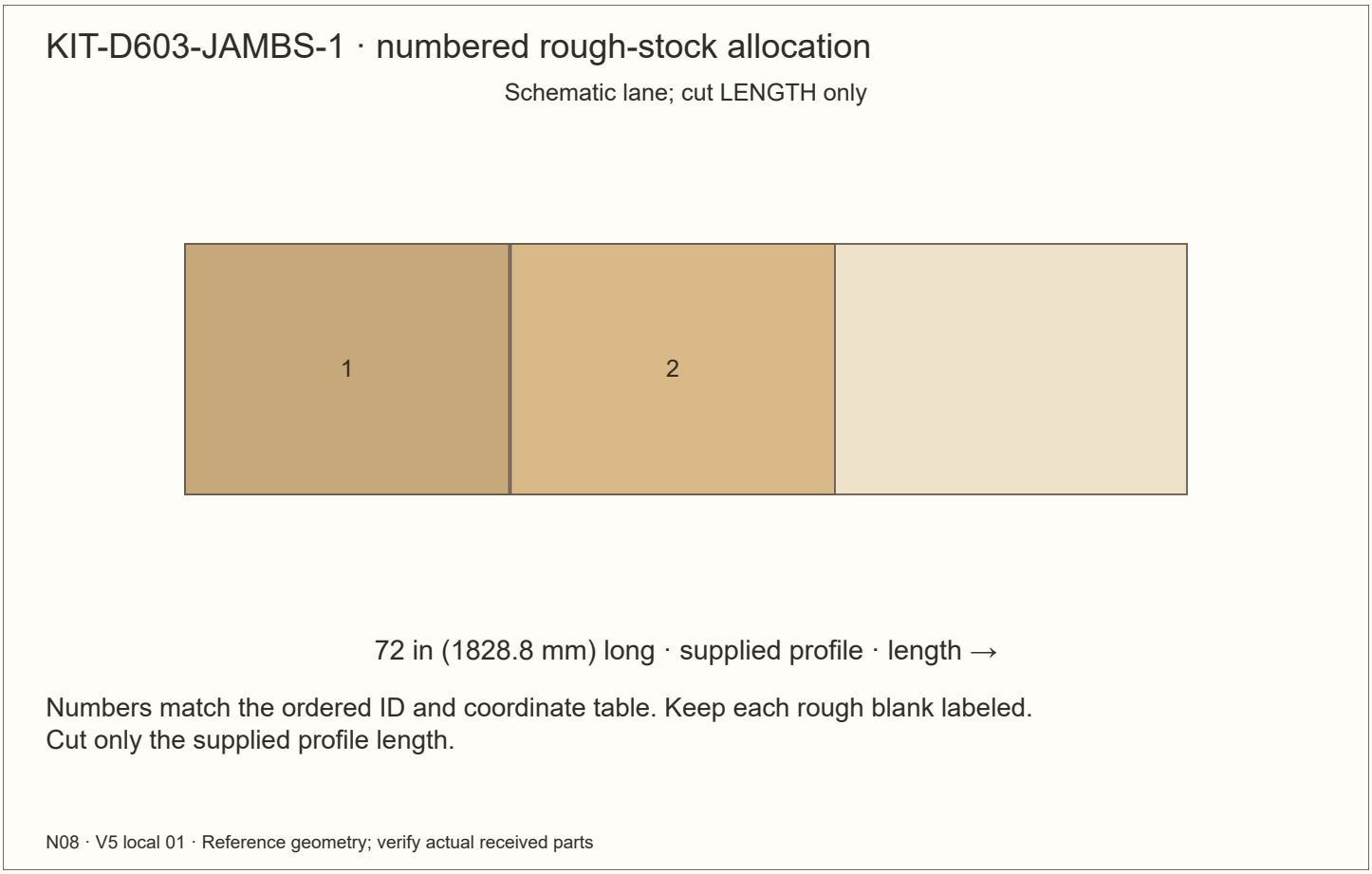
KIT-D603-UPPER-1 · exact rough positions

Start at the LEFT end of the supplied length. The diagram's lane height is schematic, never a width-cut instruction.

Number / part	Start along length	Rough length
1 · TRACK-T	0 in (0 mm)	29.48775 in (748.99 mm)

Stock 72 in (1828.8 mm) long; supplied cross-section; trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm).

KIT-D603-JAMBS-1 · numbered stock allocation



Numbers match the ordered ID and exact stock-coordinate table

Length cuts only; keep the supplied profile section intact. Allocate the received 144-inch (3657.6 mm) lower-track and shoe lengths and the two 72-inch (1828.8 mm) upper-channel shipping lengths as shown. Verify the actual kit inventory first.

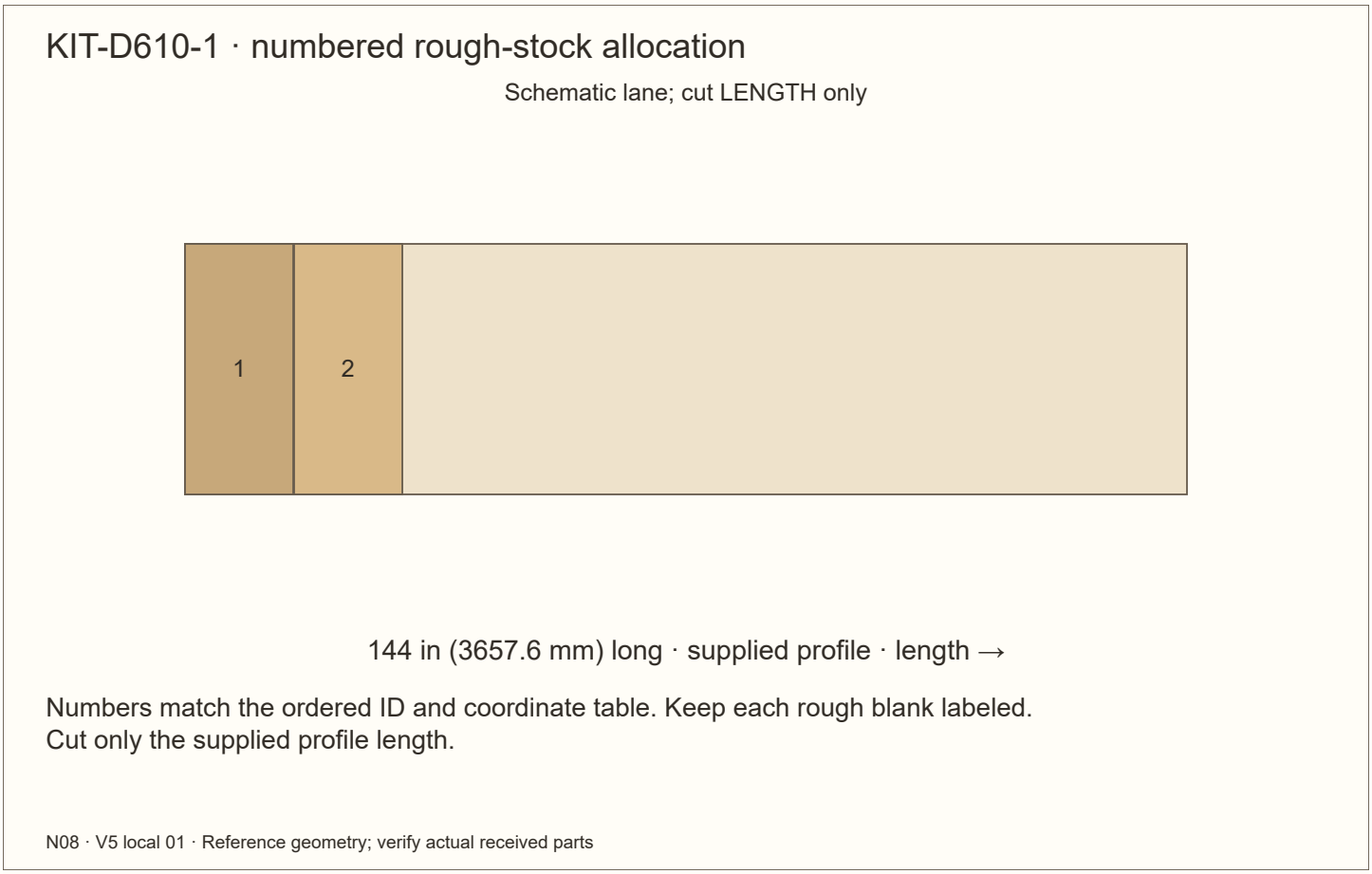
KIT-D603-JAMBS-1 · exact rough positions

Start at the LEFT end of the supplied length. The diagram's lane height is schematic, never a width-cut instruction.

Number / part	Start along length	Rough length
1 · JAMBL	0 in (0 mm)	23.28875 in (591.53 mm)
2 · JAMBR	23.41375 in (594.71 mm)	23.28875 in (591.53 mm)

Stock 72 in (1828.8 mm) long; supplied cross-section; trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm).

KIT-D610-1 · numbered stock allocation



Numbers match the ordered ID and exact stock-coordinate table

Length cuts only; keep the supplied profile section intact. Allocate the received 144-inch (3657.6 mm) lower-track and shoe lengths and the two 72-inch (1828.8 mm) upper-channel shipping lengths as shown. Verify the actual kit inventory first.

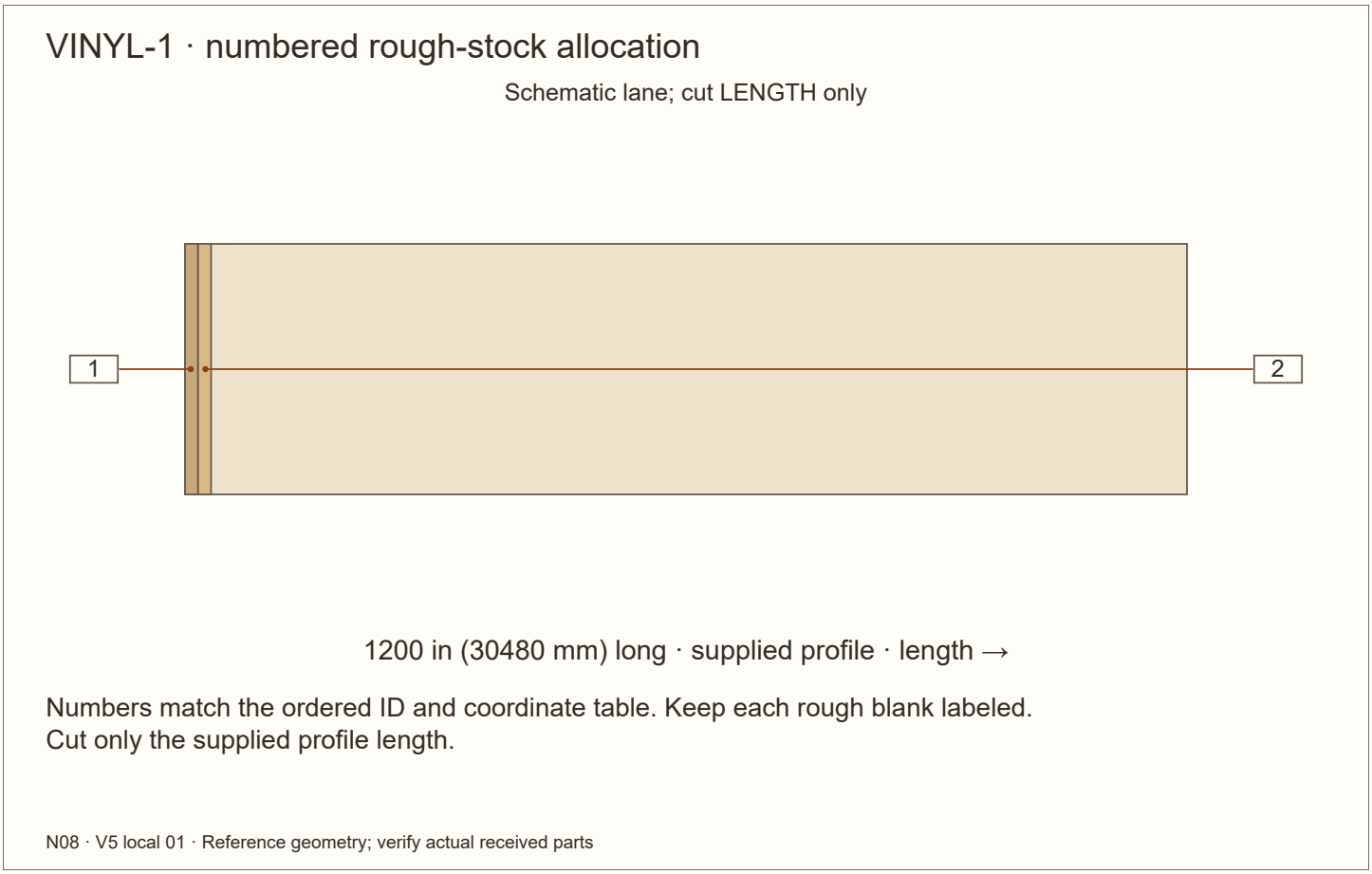
KIT-D610-1 · exact rough positions

Start at the LEFT end of the supplied length. The diagram's lane height is schematic, never a width-cut instruction.

Number / part	Start along length	Rough length
1 · HL	0 in (0 mm)	15.553375 in (395.06 mm)
2 · HR	15.678375 in (398.23 mm)	15.553375 in (395.06 mm)

Stock 144 in (3657.6 mm) long; supplied cross-section; trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm).

VINYL-1 · numbered stock allocation



Numbers match the ordered ID and exact stock-coordinate table

Cut the accepted glazing vinyl to each field-sized shoe length. Preserve its complete profile; the drawing shows a schematic lane. Confirm the vinyl matches the received glass before cutting.

VINYL-1 · exact rough positions

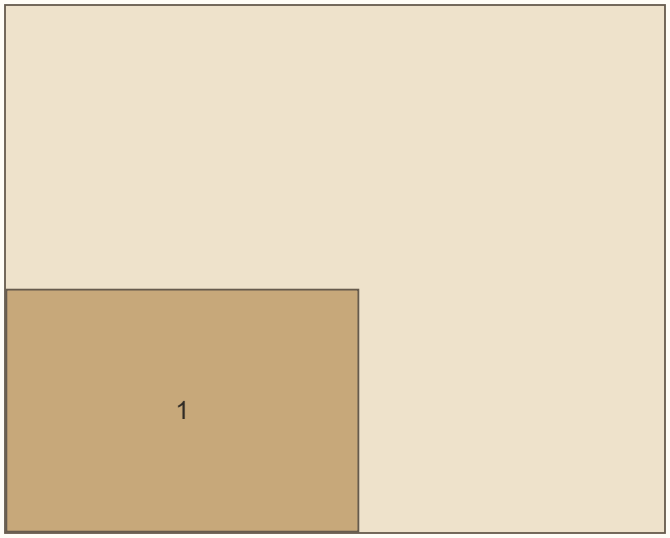
Start at the LEFT end of the supplied length. The diagram's lane height is schematic, never a width-cut instruction.

Number / part	Start along length	Rough length
1 · VINYLL	0 in (0 mm)	15.553375 in (395.06 mm)
2 · VINYLR	15.678375 in (398.23 mm)	15.553375 in (395.06 mm)

Stock 1200 in (30480 mm) long; supplied cross-section; trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm).

LINER-1 · numbered stock allocation

LINER-1 · numbered rough-stock allocation



120 in (3048 mm) × 96 in (2438.4 mm) stock · length →

Numbers match the ordered ID and coordinate table. Keep each rough blank labeled.
Use the scheduled grain, trim and kerf; support stock and waste throughout cutting.

N08 · V5 local 01 · Reference geometry; verify actual received parts

Numbers match the ordered ID and exact stock-coordinate table

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

LINER-1 · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
1 · LINER-BLANK	1/4 in (6.35 mm) / 1/4 in (6.35 mm)	64 in (1625.6 mm) × 44 in (1117.6 mm)

Stock 120 in (3048 mm) × 96 in (2438.4 mm); trim 1/4 in (6.35 mm); kerf/separation 0 in (0 mm).

UNDERLAY-1 · numbered stock allocation

UNDERLAY-1 · numbered rough-stock allocation

120 in (3048 mm) × 60 in (1524 mm) stock · length →

Numbers match the ordered ID and coordinate table. Keep each rough blank labeled.
Use the scheduled grain, trim and kerf; support stock and waste throughout cutting.

N08 · V5 local 01 · Reference geometry; verify actual received parts

Numbers match the ordered ID and exact stock-coordinate table

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

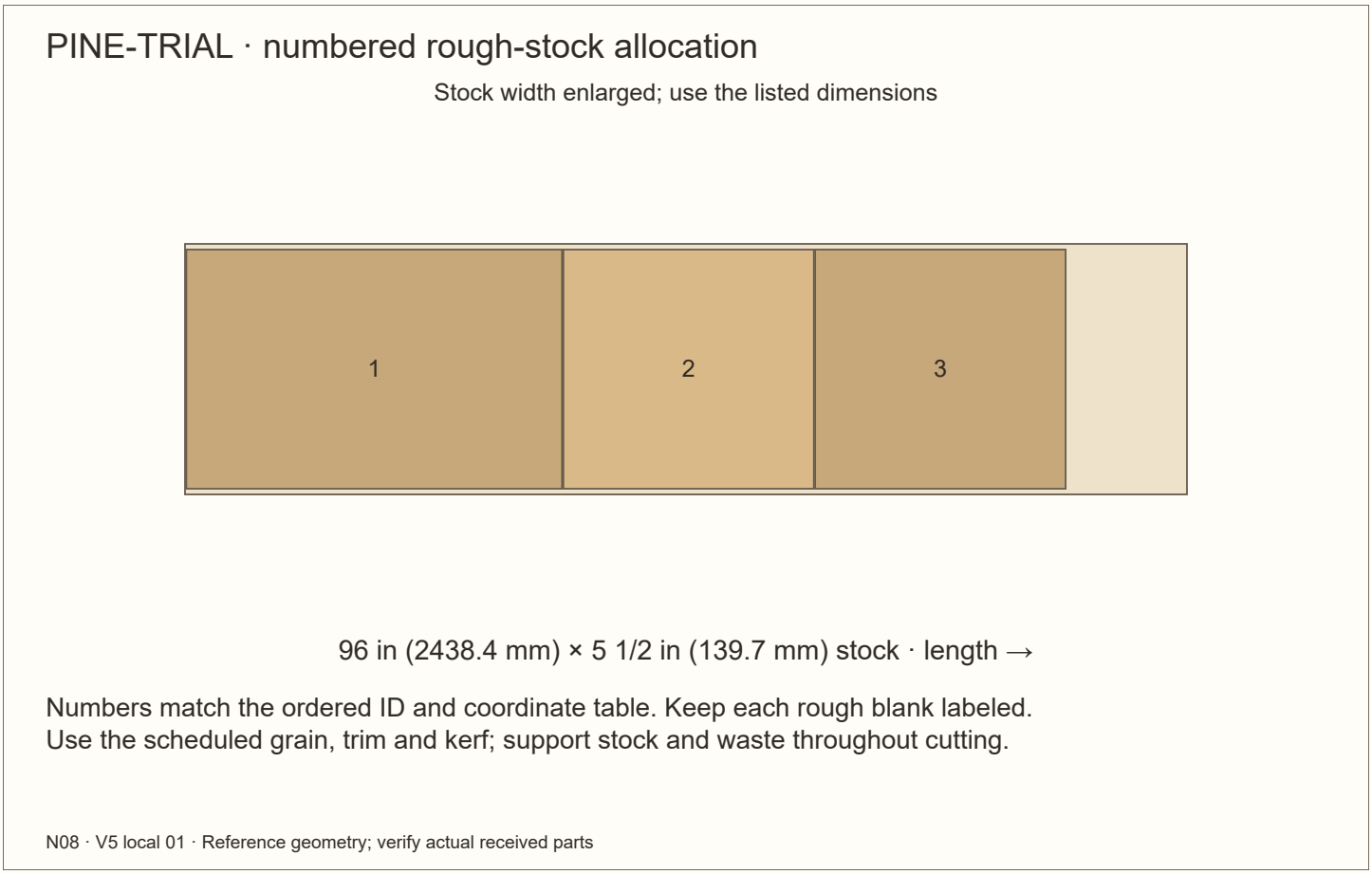
UNDERLAY-1 · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
1 · UNDERLAY-BLANK	1/4 in (6.35 mm) / 1/4 in (6.35 mm)	64 in (1625.6 mm) × 44 in (1117.6 mm)

Stock 120 in (3048 mm) × 60 in (1524 mm); trim 1/4 in (6.35 mm); kerf/separation 0 in (0 mm).

PINE-TRIAL · numbered stock allocation



Numbers match the ordered ID and exact stock-coordinate table

Dedicated wide stock for hardware, routing and finish trials; machine minimum feed length controls

PINE-TRIAL · exact rough positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembly stations. Length follows the allocated grain.

Number / part	Stock X / Y	Rough length × width
1 · TRIAL-track	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	36 in (914.4 mm) × 5 1/4 in (133.35 mm)
2 · TRIAL-capture	36 1/4 in (920.75 mm) / 1/8 in (3.18 mm)	24 in (609.6 mm) × 5 1/4 in (133.35 mm)
3 · TRIAL-finish	60 3/8 in (1533.53 mm) / 1/8 in (3.18 mm)	24 in (609.6 mm) × 5 1/4 in (133.35 mm)

Stock 96 in (2438.4 mm) × 5 1/2 in (139.7 mm); trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm).

Use exact fastener stations and the assembly order

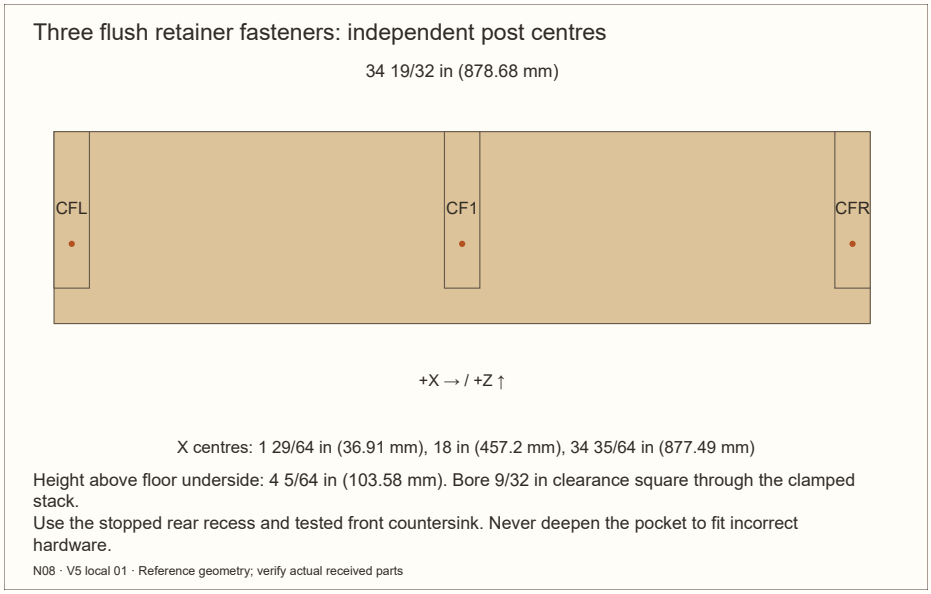
Assembly X / Y / Z start at outside LEFT / outside FRONT / FLOOR UNDERSIDE. Direction gives the driving axis. IDs are stable labels; numbers inside an ID are not a substitute for coordinates. Transfer through actual clamped mating parts and use depth stops including the drill point.

Build the glued floor and laminated front on the bench. Fit tracks and anti-lift holes before coating. Install all six short post liner clamps first, then the four front/back clamps, then the two long side clamps; reverse that access order for removal. Driver screening found the long side clamps obstruct the outer short-clamp screws.

Type	Installed count
W125	98
W200	28
W100	88
TRACK	30

Versioned specification · Cut CSV · Fastener CSV · BOM · Workshop package

Three recessed retainer connections

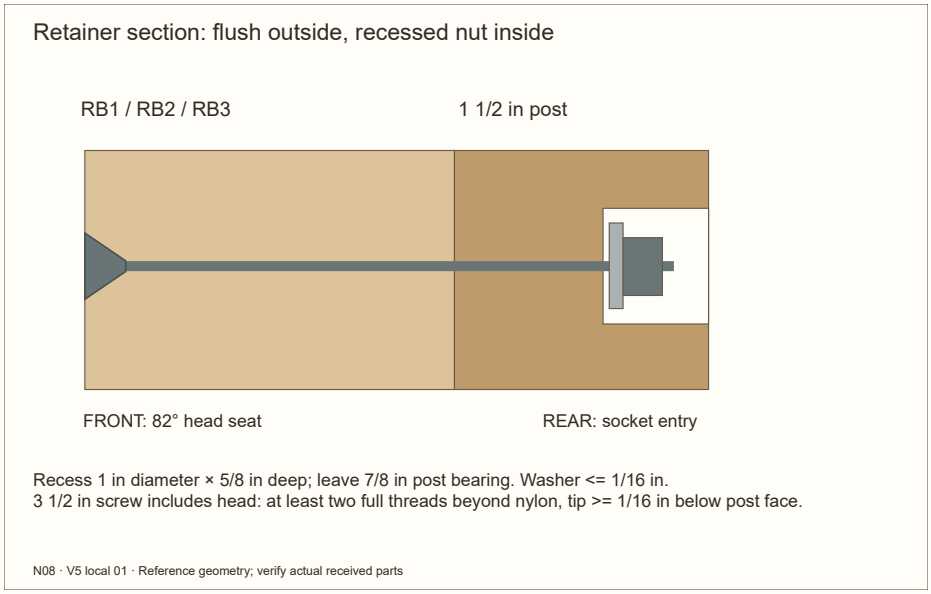


BTL1, BTC1 and BTR1 connect the three-layer retainer to its own front posts

Connection / post	Centre X / Z from assembly datums	Reference stack
BTL1 / CFL	1 29/64 in (36.91 mm) / 4 5/64 in (103.58 mm)	3 1/2 in (88.9 mm) screw; 1 in (25.4 mm) rear recess diameter; 5/8 in (15.88 mm) deep
BT11 / CF1	18 in (457.2 mm) / 4 5/64 in (103.58 mm)	3 1/2 in (88.9 mm) screw; 1 in (25.4 mm) rear recess diameter; 5/8 in (15.88 mm) deep
BTR1 / CFR	34 35/64 in (877.49 mm) / 4 5/64 in (103.58 mm)	3 1/2 in (88.9 mm) screw; 1 in (25.4 mm) rear recess diameter; 5/8 in (15.88 mm) deep

Drive from outside toward the rear. Fit the nut and washer from inside before lining. The 82-degree head seats in wood, below a separate veneer access opening. Do not fill over the service opening. The rear nut and tip remain recessed and protected by loose underlay beneath the unpunctured liner. Empty and remove the lining before later connection service.

Trial the complete retainer hardware stack



Reference screw, countersink, through bore, rear recess, washer and nylon locknut

The three 1/4-20 × 3 1/2-inch (6.35 mm nominal × 88.9 mm) machine screws are separate from the wood-screw station table. Receive Bolt Depot 24910, 16019 and 16008, measure the actual parts and prove the joint in matching offcuts. Keep at least two full threads beyond the nylon, at least 1/16 inch (1.5875 mm) clearance below the rear post face and 7/8 inch (22.225 mm) reference wood bearing thickness. Do not deepen the recess to make an incompatible part fit.

Fastener stations · 1–12

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-CLB-0 · W125	P01 → CLB	1.453125 / 3.109375 / 0 in 36.91 / 78.98 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CLB-1 · W125	P01 → CLB	1.453125 / 7.505208 / 0 in 36.91 / 190.63 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CLB-2 · W125	P01 → CLB	1.453125 / 11.901042 / 0 in 36.91 / 302.29 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CLB-3 · W125	P01 → CLB	1.453125 / 16.296875 / 0 in 36.91 / 413.94 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CRB-0 · W125	P01 → CRB	34.546875 / 3.109375 / 0 in 877.49 / 78.98 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CRB-1 · W125	P01 → CRB	34.546875 / 7.505208 / 0 in 877.49 / 190.63 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CRB-2 · W125	P01 → CRB	34.546875 / 11.901042 / 0 in 877.49 / 302.29 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CRB-3 · W125	P01 → CRB	34.546875 / 16.296875 / 0 in 877.49 / 413.94 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CF-0 · W125	P01 → CF	3.203125 / 2.859375 / 0 in 81.36 / 72.63 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CF-1 · W125	P01 → CF	9.121875 / 2.859375 / 0 in 231.70 / 72.63 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CF-2 · W125	P01 → CF	15.040625 / 2.859375 / 0 in 382.03 / 72.63 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CF-3 · W125	P01 → CF	20.959375 / 2.859375 / 0 in 532.37 / 72.63 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)

Fastener stations · 13–24

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-CF-4 · W125	P01 → CF	26.878125 / 2.859375 / 0 in 682.70 / 72.63 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CF-5 · W125	P01 → CF	32.796875 / 2.859375 / 0 in 833.04 / 72.63 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CB-0 · W125	P01 → CB	3.203125 / 16.546875 / 0 in 81.36 / 420.29 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CB-1 · W125	P01 → CB	9.121875 / 16.546875 / 0 in 231.70 / 420.29 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CB-2 · W125	P01 → CB	15.040625 / 16.546875 / 0 in 382.03 / 420.29 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CB-3 · W125	P01 → CB	20.959375 / 16.546875 / 0 in 532.37 / 420.29 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CB-4 · W125	P01 → CB	26.878125 / 16.546875 / 0 in 682.70 / 420.29 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-CB-5 · W125	P01 → CB	32.796875 / 16.546875 / 0 in 833.04 / 420.29 / 0.00 mm	+Z · 1 1/4 in (31.75 mm)
S-WL-CLB-0 · W125	P03L → CLB	0 / 3.109375 / 1.453125 in 0.00 / 78.98 / 36.91 mm	+X · 1 1/4 in (31.75 mm)
S-WL-CLB-1 · W125	P03L → CLB	0 / 7.505208 / 1.453125 in 0.00 / 190.63 / 36.91 mm	+X · 1 1/4 in (31.75 mm)
S-WL-CLB-2 · W125	P03L → CLB	0 / 11.901042 / 1.453125 in 0.00 / 302.29 / 36.91 mm	+X · 1 1/4 in (31.75 mm)
S-WL-CLB-3 · W125	P03L → CLB	0 / 16.296875 / 1.453125 in 0.00 / 413.94 / 36.91 mm	+X · 1 1/4 in (31.75 mm)

Fastener stations · 25–36

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-WL-CLT-0 · W125	P03L → CLT	0 / 2.5 / 34.546875 in 0.00 / 63.50 / 877.49 mm	+X · 1 1/4 in (31.75 mm)
S-WL-CLT-1 · W125	P03L → CLT	0 / 7.098958 / 34.546875 in 0.00 / 180.31 / 877.49 mm	+X · 1 1/4 in (31.75 mm)
S-WL-CLT-2 · W125	P03L → CLT	0 / 11.697917 / 34.546875 in 0.00 / 297.13 / 877.49 mm	+X · 1 1/4 in (31.75 mm)
S-WL-CLT-3 · W125	P03L → CLT	0 / 16.296875 / 34.546875 in 0.00 / 413.94 / 877.49 mm	+X · 1 1/4 in (31.75 mm)
S-WL-CLU-0 · W125	P03L → CLU	0 / 16.546875 / 3.203125 in 0.00 / 420.29 / 81.36 mm	+X · 1 1/4 in (31.75 mm)
S-WL-CLU-1 · W125	P03L → CLU	0 / 16.546875 / 9.121875 in 0.00 / 420.29 / 231.70 mm	+X · 1 1/4 in (31.75 mm)
S-WL-CLU-2 · W125	P03L → CLU	0 / 16.546875 / 15.040625 in 0.00 / 420.29 / 382.03 mm	+X · 1 1/4 in (31.75 mm)
S-WL-CLU-3 · W125	P03L → CLU	0 / 16.546875 / 20.959375 in 0.00 / 420.29 / 532.37 mm	+X · 1 1/4 in (31.75 mm)
S-WL-CLU-4 · W125	P03L → CLU	0 / 16.546875 / 26.878125 in 0.00 / 420.29 / 682.70 mm	+X · 1 1/4 in (31.75 mm)
S-WL-CLU-5 · W125	P03L → CLU	0 / 16.546875 / 32.796875 in 0.00 / 420.29 / 833.04 mm	+X · 1 1/4 in (31.75 mm)
S-WR-CRB-0 · W125	P03R → CRB	36 / 3.109375 / 1.453125 in 914.40 / 78.98 / 36.91 mm	−X · 1 1/4 in (31.75 mm)
S-WR-CRB-1 · W125	P03R → CRB	36 / 7.505208 / 1.453125 in 914.40 / 190.63 / 36.91 mm	−X · 1 1/4 in (31.75 mm)

Fastener stations · 37–48

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-WR-CRB-2 · W125	P03R → CRB	36 / 11.901042 / 1.453125 in 914.40 / 302.29 / 36.91 mm	−X · 1 1/4 in (31.75 mm)
S-WR-CRB-3 · W125	P03R → CRB	36 / 16.296875 / 1.453125 in 914.40 / 413.94 / 36.91 mm	−X · 1 1/4 in (31.75 mm)
S-WR-CRT-0 · W125	P03R → CRT	36 / 2.5 / 34.546875 in 914.40 / 63.50 / 877.49 mm	−X · 1 1/4 in (31.75 mm)
S-WR-CRT-1 · W125	P03R → CRT	36 / 7.098958 / 34.546875 in 914.40 / 180.31 / 877.49 mm	−X · 1 1/4 in (31.75 mm)
S-WR-CRT-2 · W125	P03R → CRT	36 / 11.697917 / 34.546875 in 914.40 / 297.13 / 877.49 mm	−X · 1 1/4 in (31.75 mm)
S-WR-CRT-3 · W125	P03R → CRT	36 / 16.296875 / 34.546875 in 914.40 / 413.94 / 877.49 mm	−X · 1 1/4 in (31.75 mm)
S-WR-CRU-0 · W125	P03R → CRU	36 / 16.546875 / 3.203125 in 914.40 / 420.29 / 81.36 mm	−X · 1 1/4 in (31.75 mm)
S-WR-CRU-1 · W125	P03R → CRU	36 / 16.546875 / 9.121875 in 914.40 / 420.29 / 231.70 mm	−X · 1 1/4 in (31.75 mm)
S-WR-CRU-2 · W125	P03R → CRU	36 / 16.546875 / 15.040625 in 914.40 / 420.29 / 382.03 mm	−X · 1 1/4 in (31.75 mm)
S-WR-CRU-3 · W125	P03R → CRU	36 / 16.546875 / 20.959375 in 914.40 / 420.29 / 532.37 mm	−X · 1 1/4 in (31.75 mm)
S-WR-CRU-4 · W125	P03R → CRU	36 / 16.546875 / 26.878125 in 914.40 / 420.29 / 682.70 mm	−X · 1 1/4 in (31.75 mm)
S-WR-CRU-5 · W125	P03R → CRU	36 / 16.546875 / 32.796875 in 914.40 / 420.29 / 833.04 mm	−X · 1 1/4 in (31.75 mm)

Fastener stations · 49–60

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-B-CB-0 · W125	P04 → CB	3.203125 / 18 / 1.453125 in 81.36 / 457.20 / 36.91 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CB-1 · W125	P04 → CB	9.121875 / 18 / 1.453125 in 231.70 / 457.20 / 36.91 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CB-2 · W125	P04 → CB	15.040625 / 18 / 1.453125 in 382.03 / 457.20 / 36.91 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CB-3 · W125	P04 → CB	20.959375 / 18 / 1.453125 in 532.37 / 457.20 / 36.91 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CB-4 · W125	P04 → CB	26.878125 / 18 / 1.453125 in 682.70 / 457.20 / 36.91 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CB-5 · W125	P04 → CB	32.796875 / 18 / 1.453125 in 833.04 / 457.20 / 36.91 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CT-0 · W125	P04 → CT	3.203125 / 18 / 34.546875 in 81.36 / 457.20 / 877.49 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CT-1 · W125	P04 → CT	9.121875 / 18 / 34.546875 in 231.70 / 457.20 / 877.49 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CT-2 · W125	P04 → CT	15.040625 / 18 / 34.546875 in 382.03 / 457.20 / 877.49 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CT-3 · W125	P04 → CT	20.959375 / 18 / 34.546875 in 532.37 / 457.20 / 877.49 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CT-4 · W125	P04 → CT	26.878125 / 18 / 34.546875 in 682.70 / 457.20 / 877.49 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CT-5 · W125	P04 → CT	32.796875 / 18 / 34.546875 in 833.04 / 457.20 / 877.49 mm	−Y · 1 1/4 in (31.75 mm)

Fastener stations · 61–72

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-B-CLU-0 · W125	P04 → CLU	1.453125 / 18 / 3.503125 in 36.91 / 457.20 / 88.98 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CLU-1 · W125	P04 → CLU	1.453125 / 18 / 9.421875 in 36.91 / 457.20 / 239.32 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CLU-2 · W125	P04 → CLU	1.453125 / 18 / 15.340625 in 36.91 / 457.20 / 389.65 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CLU-3 · W125	P04 → CLU	1.453125 / 18 / 21.259375 in 36.91 / 457.20 / 539.99 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CLU-4 · W125	P04 → CLU	1.453125 / 18 / 27.178125 in 36.91 / 457.20 / 690.32 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CLU-5 · W125	P04 → CLU	1.453125 / 18 / 33.096875 in 36.91 / 457.20 / 840.66 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CRU-0 · W125	P04 → CRU	34.546875 / 18 / 3.503125 in 877.49 / 457.20 / 88.98 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CRU-1 · W125	P04 → CRU	34.546875 / 18 / 9.421875 in 877.49 / 457.20 / 239.32 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CRU-2 · W125	P04 → CRU	34.546875 / 18 / 15.340625 in 877.49 / 457.20 / 389.65 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CRU-3 · W125	P04 → CRU	34.546875 / 18 / 21.259375 in 877.49 / 457.20 / 539.99 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CRU-4 · W125	P04 → CRU	34.546875 / 18 / 27.178125 in 877.49 / 457.20 / 690.32 mm	−Y · 1 1/4 in (31.75 mm)
S-B-CRU-5 · W125	P04 → CRU	34.546875 / 18 / 33.096875 in 877.49 / 457.20 / 840.66 mm	−Y · 1 1/4 in (31.75 mm)

Fastener stations · 73–84

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-RBL-0 · W200	P03L → RB2	0 / 1.054688 / 1.703125 in 0.00 / 26.79 / 43.26 mm	+X · 2 in (50.8 mm)
S-RBL-1 · W200	P03L → RB2	0 / 1.054688 / 7.828125 in 0.00 / 26.79 / 198.83 mm	+X · 2 in (50.8 mm)
S-JL-0 · W200	P03L → F0L	0 / 0.375 / 9.828125 in 0.00 / 9.52 / 249.63 mm	+X · 2 in (50.8 mm)
S-JL-1 · W200	P03L → F1L	0 / 1.125 / 14.721875 in 0.00 / 28.57 / 373.94 mm	+X · 2 in (50.8 mm)
S-JL-2 · W200	P03L → F0L	0 / 0.375 / 19.615625 in 0.00 / 9.52 / 498.24 mm	+X · 2 in (50.8 mm)
S-JL-3 · W200	P03L → F1L	0 / 1.125 / 24.509375 in 0.00 / 28.57 / 622.54 mm	+X · 2 in (50.8 mm)
S-JL-4 · W200	P03L → F0L	0 / 0.375 / 29.403125 in 0.00 / 9.52 / 746.84 mm	+X · 2 in (50.8 mm)
S-JL-5 · W200	P03L → F1T	0 / 1.125 / 34.296875 in 0.00 / 28.57 / 871.14 mm	+X · 2 in (50.8 mm)
S-RBR-0 · W200	P03R → RB2	36 / 1.054688 / 1.703125 in 914.40 / 26.79 / 43.26 mm	−X · 2 in (50.8 mm)
S-RBR-1 · W200	P03R → RB2	36 / 1.054688 / 7.828125 in 914.40 / 26.79 / 198.83 mm	−X · 2 in (50.8 mm)
S-JR-0 · W200	P03R → F0R	36 / 0.375 / 9.828125 in 914.40 / 9.52 / 249.63 mm	−X · 2 in (50.8 mm)
S-JR-1 · W200	P03R → F1R	36 / 1.125 / 14.721875 in 914.40 / 28.57 / 373.94 mm	−X · 2 in (50.8 mm)

Fastener stations · 85–96

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-JR-2 · W200	P03R → F0R	36 / 0.375 / 19.615625 in 914.40 / 9.52 / 498.24 mm	−X · 2 in (50.8 mm)
S-JR-3 · W200	P03R → F1R	36 / 1.125 / 24.509375 in 914.40 / 28.57 / 622.54 mm	−X · 2 in (50.8 mm)
S-JR-4 · W200	P03R → F0R	36 / 0.375 / 29.403125 in 914.40 / 9.52 / 746.84 mm	−X · 2 in (50.8 mm)
S-JR-5 · W200	P03R → F1T	36 / 1.125 / 34.296875 in 914.40 / 28.57 / 871.14 mm	−X · 2 in (50.8 mm)
S-RBF-0 · W200	RB1 + RB2 → RB3	3.203125 / 0 / 1.453125 in 81.36 / 0.00 / 36.91 mm	+Y · 2 in (50.8 mm)
S-RBF-1 · W200	RB1 + RB2 → RB3	9.121875 / 0 / 1.453125 in 231.70 / 0.00 / 36.91 mm	+Y · 2 in (50.8 mm)
S-RBF-2 · W200	RB1 + RB2 → RB3	15.040625 / 0 / 1.453125 in 382.03 / 0.00 / 36.91 mm	+Y · 2 in (50.8 mm)
S-RBF-3 · W200	RB1 + RB2 → RB3	20.959375 / 0 / 1.453125 in 532.37 / 0.00 / 36.91 mm	+Y · 2 in (50.8 mm)
S-RBF-4 · W200	RB1 + RB2 → RB3	26.878125 / 0 / 1.453125 in 682.70 / 0.00 / 36.91 mm	+Y · 2 in (50.8 mm)
S-RBF-5 · W200	RB1 + RB2 → RB3	32.796875 / 0 / 1.453125 in 833.04 / 0.00 / 36.91 mm	+Y · 2 in (50.8 mm)
S-RBC-0 · W200	CF → RB3	3.578125 / 3.609375 / 1.453125 in 90.88 / 91.68 / 36.91 mm	−Y · 2 in (50.8 mm)
S-RBC-1 · W200	CF → RB3	9.496875 / 3.609375 / 1.453125 in 241.22 / 91.68 / 36.91 mm	−Y · 2 in (50.8 mm)

Fastener stations · 97–108

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-RBC-2 · W200	CF → RB3	15.415625 / 3.609375 / 1.453125 in 391.56 / 91.68 / 36.91 mm	−Y · 2 in (50.8 mm)
S-RBC-3 · W200	CF → RB3	21.334375 / 3.609375 / 1.453125 in 541.89 / 91.68 / 36.91 mm	−Y · 2 in (50.8 mm)
S-RBC-4 · W200	CF → RB3	27.253125 / 3.609375 / 1.453125 in 692.23 / 91.68 / 36.91 mm	−Y · 2 in (50.8 mm)
S-RBC-5 · W200	CF → RB3	33.171875 / 3.609375 / 1.453125 in 842.57 / 91.68 / 36.91 mm	−Y · 2 in (50.8 mm)
S-VLB-0 · W100	VLB → P03L	-0.375 / 4.125 / 9.078125 in -9.52 / 104.77 / 230.58 mm	+X · 1 in (25.4 mm)
S-VLB-1 · W100	VLB → P03L	-0.375 / 7.375 / 9.078125 in -9.52 / 187.32 / 230.58 mm	+X · 1 in (25.4 mm)
S-VLB-2 · W100	VLB → P03L	-0.375 / 10.625 / 9.078125 in -9.52 / 269.88 / 230.58 mm	+X · 1 in (25.4 mm)
S-VLB-3 · W100	VLB → P03L	-0.375 / 13.875 / 9.078125 in -9.52 / 352.42 / 230.58 mm	+X · 1 in (25.4 mm)
S-VLT-0 · W100	VLT → P03L	-0.375 / 4.125 / 13.578125 in -9.52 / 104.77 / 344.88 mm	+X · 1 in (25.4 mm)
S-VLT-1 · W100	VLT → P03L	-0.375 / 7.375 / 13.578125 in -9.52 / 187.32 / 344.88 mm	+X · 1 in (25.4 mm)
S-VLT-2 · W100	VLT → P03L	-0.375 / 10.625 / 13.578125 in -9.52 / 269.88 / 344.88 mm	+X · 1 in (25.4 mm)
S-VLT-3 · W100	VLT → P03L	-0.375 / 13.875 / 13.578125 in -9.52 / 352.42 / 344.88 mm	+X · 1 in (25.4 mm)

Fastener stations · 109–120

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-VLF-0 · W100	VLF → P03L	-0.375 / 3.75 / 10.203125 in -9.52 / 95.25 / 259.16 mm	+X · 1 in (25.4 mm)
S-VLF-1 · W100	VLF → P03L	-0.375 / 3.75 / 12.453125 in -9.52 / 95.25 / 316.31 mm	+X · 1 in (25.4 mm)
S-VLA-0 · W100	VLA → P03L	-0.375 / 14.25 / 10.203125 in -9.52 / 361.95 / 259.16 mm	+X · 1 in (25.4 mm)
S-VLA-1 · W100	VLA → P03L	-0.375 / 14.25 / 12.453125 in -9.52 / 361.95 / 316.31 mm	+X · 1 in (25.4 mm)
S-VRB-0 · W100	VRB → P03R	36.375 / 4.125 / 9.078125 in 923.92 / 104.77 / 230.58 mm	−X · 1 in (25.4 mm)
S-VRB-1 · W100	VRB → P03R	36.375 / 7.375 / 9.078125 in 923.92 / 187.32 / 230.58 mm	−X · 1 in (25.4 mm)
S-VRB-2 · W100	VRB → P03R	36.375 / 10.625 / 9.078125 in 923.92 / 269.88 / 230.58 mm	−X · 1 in (25.4 mm)
S-VRB-3 · W100	VRB → P03R	36.375 / 13.875 / 9.078125 in 923.92 / 352.42 / 230.58 mm	−X · 1 in (25.4 mm)
S-VRT-0 · W100	VRT → P03R	36.375 / 4.125 / 13.578125 in 923.92 / 104.77 / 344.88 mm	−X · 1 in (25.4 mm)
S-VRT-1 · W100	VRT → P03R	36.375 / 7.375 / 13.578125 in 923.92 / 187.32 / 344.88 mm	−X · 1 in (25.4 mm)
S-VRT-2 · W100	VRT → P03R	36.375 / 10.625 / 13.578125 in 923.92 / 269.88 / 344.88 mm	−X · 1 in (25.4 mm)
S-VRT-3 · W100	VRT → P03R	36.375 / 13.875 / 13.578125 in 923.92 / 352.42 / 344.88 mm	−X · 1 in (25.4 mm)

Fastener stations · 121–132

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-VRF-0 · W100	VRF → P03R	36.375 / 3.75 / 10.203125 in 923.92 / 95.25 / 259.16 mm	−X · 1 in (25.4 mm)
S-VRF-1 · W100	VRF → P03R	36.375 / 3.75 / 12.453125 in 923.92 / 95.25 / 316.31 mm	−X · 1 in (25.4 mm)
S-VRA-0 · W100	VRA → P03R	36.375 / 14.25 / 10.203125 in 923.92 / 361.95 / 259.16 mm	−X · 1 in (25.4 mm)
S-VRA-1 · W100	VRA → P03R	36.375 / 14.25 / 12.453125 in 923.92 / 361.95 / 316.31 mm	−X · 1 in (25.4 mm)
S-CR-0 · W125	P02 → CR	18 / 1.875 / 36 in 457.20 / 47.62 / 914.40 mm	−Z · 1 1/4 in (31.75 mm)
S-CR-1 · W125	P02 → CR	18 / 6.390625 / 36 in 457.20 / 162.32 / 914.40 mm	−Z · 1 1/4 in (31.75 mm)
S-CR-2 · W125	P02 → CR	18 / 10.90625 / 36 in 457.20 / 277.02 / 914.40 mm	−Z · 1 1/4 in (31.75 mm)
S-CR-3 · W125	P02 → CR	18 / 15.421875 / 36 in 457.20 / 391.72 / 914.40 mm	−Z · 1 1/4 in (31.75 mm)
S-RTLF-0 · W100	RTLF → P02	3.625 / 3.25 / 34.921875 in 92.07 / 82.55 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTLF-1 · W100	RTLF → P02	7.875 / 3.25 / 34.921875 in 200.02 / 82.55 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTLF-2 · W100	RTLF → P02	12.125 / 3.25 / 34.921875 in 307.97 / 82.55 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTLF-3 · W100	RTLF → P02	16.375 / 3.25 / 34.921875 in 415.92 / 82.55 / 887.02 mm	+Z · 1 in (25.4 mm)

Fastener stations · 133–144

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-RTLA-0 · W100	RTLA → P02	3.625 / 14.75 / 34.921875 in 92.07 / 374.65 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTLA-1 · W100	RTLA → P02	7.875 / 14.75 / 34.921875 in 200.02 / 374.65 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTLA-2 · W100	RTLA → P02	12.125 / 14.75 / 34.921875 in 307.97 / 374.65 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTLA-3 · W100	RTLA → P02	16.375 / 14.75 / 34.921875 in 415.92 / 374.65 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTLL-0 · W100	RTLL → P02	3.25 / 4.375 / 34.921875 in 82.55 / 111.12 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTLL-1 · W100	RTLL → P02	3.25 / 9 / 34.921875 in 82.55 / 228.60 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTLL-2 · W100	RTLL → P02	3.25 / 13.625 / 34.921875 in 82.55 / 346.07 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTLR-0 · W100	RTLR → P02	16.75 / 4.375 / 34.921875 in 425.45 / 111.12 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTLR-1 · W100	RTLR → P02	16.75 / 9 / 34.921875 in 425.45 / 228.60 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTLR-2 · W100	RTLR → P02	16.75 / 13.625 / 34.921875 in 425.45 / 346.07 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTRF-0 · W100	RTRF → P02	19.625 / 3.25 / 34.921875 in 498.47 / 82.55 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTRF-1 · W100	RTRF → P02	23.875 / 3.25 / 34.921875 in 606.42 / 82.55 / 887.02 mm	+Z · 1 in (25.4 mm)

Fastener stations · 145–156

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-RTRF-2 · W100	RTRF → P02	28.125 / 3.25 / 34.921875 in 714.38 / 82.55 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTRF-3 · W100	RTRF → P02	32.375 / 3.25 / 34.921875 in 822.32 / 82.55 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTRA-0 · W100	RTRA → P02	19.625 / 14.75 / 34.921875 in 498.47 / 374.65 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTRA-1 · W100	RTRA → P02	23.875 / 14.75 / 34.921875 in 606.42 / 374.65 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTRA-2 · W100	RTRA → P02	28.125 / 14.75 / 34.921875 in 714.38 / 374.65 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTRA-3 · W100	RTRA → P02	32.375 / 14.75 / 34.921875 in 822.32 / 374.65 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTRL-0 · W100	RTRL → P02	19.25 / 4.375 / 34.921875 in 488.95 / 111.12 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTRL-1 · W100	RTRL → P02	19.25 / 9 / 34.921875 in 488.95 / 228.60 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTRL-2 · W100	RTRL → P02	19.25 / 13.625 / 34.921875 in 488.95 / 346.07 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTRR-0 · W100	RTRR → P02	32.75 / 4.375 / 34.921875 in 831.85 / 111.12 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTRR-1 · W100	RTRR → P02	32.75 / 9 / 34.921875 in 831.85 / 228.60 / 887.02 mm	+Z · 1 in (25.4 mm)
S-RTRR-2 · W100	RTRR → P02	32.75 / 13.625 / 34.921875 in 831.85 / 346.07 / 887.02 mm	+Z · 1 in (25.4 mm)

Fastener stations · 157–168

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-TRACKB-0 · TRACK	TRACK-B → RB1	4.203125 / 0.6 / 8.883125 in 106.76 / 15.24 / 225.63 mm	−Z · 3/4 in (19.05 mm)
S-TRACKB-1 · TRACK	TRACK-B → RB1	9.721875 / 0.6 / 8.883125 in 246.94 / 15.24 / 225.63 mm	−Z · 3/4 in (19.05 mm)
S-TRACKB-2 · TRACK	TRACK-B → RB1	15.240625 / 0.6 / 8.883125 in 387.11 / 15.24 / 225.63 mm	−Z · 3/4 in (19.05 mm)
S-TRACKB-3 · TRACK	TRACK-B → RB1	20.759375 / 0.6 / 8.883125 in 527.29 / 15.24 / 225.63 mm	−Z · 3/4 in (19.05 mm)
S-TRACKB-4 · TRACK	TRACK-B → RB1	26.278125 / 0.6 / 8.883125 in 667.46 / 15.24 / 225.63 mm	−Z · 3/4 in (19.05 mm)
S-TRACKB-5 · TRACK	TRACK-B → RB1	31.796875 / 0.6 / 8.883125 in 807.64 / 15.24 / 225.63 mm	−Z · 3/4 in (19.05 mm)
S-TRACKT-0 · TRACK	TRACK-T → F0T	4.203125 / 0.38425 / 32.743875 in 106.76 / 9.76 / 831.69 mm	+Z · 3/4 in (19.05 mm)
S-TRACKT-1 · TRACK	TRACK-T → F0T	9.721875 / 0.38425 / 32.743875 in 246.94 / 9.76 / 831.69 mm	+Z · 3/4 in (19.05 mm)
S-TRACKT-2 · TRACK	TRACK-T → F0T	15.240625 / 0.38425 / 32.743875 in 387.11 / 9.76 / 831.69 mm	+Z · 3/4 in (19.05 mm)
S-TRACKT-3 · TRACK	TRACK-T → F0T	20.759375 / 0.38425 / 32.743875 in 527.29 / 9.76 / 831.69 mm	+Z · 3/4 in (19.05 mm)
S-TRACKT-4 · TRACK	TRACK-T → F0T	26.278125 / 0.38425 / 32.743875 in 667.46 / 9.76 / 831.69 mm	+Z · 3/4 in (19.05 mm)
S-TRACKT-5 · TRACK	TRACK-T → F0T	31.796875 / 0.38425 / 32.743875 in 807.64 / 9.76 / 831.69 mm	+Z · 3/4 in (19.05 mm)

Fastener stations · 169–180

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-JAMBL-0 · TRACK	JAMBL → F0L	3.256125 / 0.398 / 10.328125 in 82.71 / 10.11 / 262.33 mm	−X · 3/4 in (19.05 mm)
S-JAMBL-1 · TRACK	JAMBL → F0L	3.256125 / 0.398 / 20.8125 in 82.71 / 10.11 / 528.64 mm	−X · 3/4 in (19.05 mm)
S-JAMBL-2 · TRACK	JAMBL → F0L	3.256125 / 0.398 / 31.796875 in 82.71 / 10.11 / 807.64 mm	−X · 3/4 in (19.05 mm)
S-JAMBR-0 · TRACK	JAMBR → F1R	32.743875 / 0.937 / 10.328125 in 831.69 / 23.80 / 262.33 mm	+X · 3/4 in (19.05 mm)
S-JAMBR-1 · TRACK	JAMBR → F1R	32.743875 / 0.937 / 20.8125 in 831.69 / 23.80 / 528.64 mm	+X · 3/4 in (19.05 mm)
S-JAMBR-2 · TRACK	JAMBR → F1R	32.743875 / 0.937 / 31.796875 in 831.69 / 23.80 / 807.64 mm	+X · 3/4 in (19.05 mm)
S-LCL-0 · W100	LCL → P03L	1.203125 / 4.689375 / 8.203125 in 30.56 / 119.11 / 208.36 mm	−X · 1 in (25.4 mm)
S-LCL-1 · W100	LCL → P03L	1.203125 / 8.031875 / 8.203125 in 30.56 / 204.01 / 208.36 mm	−X · 1 in (25.4 mm)
S-LCL-2 · W100	LCL → P03L	1.203125 / 11.374375 / 8.203125 in 30.56 / 288.91 / 208.36 mm	−X · 1 in (25.4 mm)
S-LCL-3 · W100	LCL → P03L	1.203125 / 14.716875 / 8.203125 in 30.56 / 373.81 / 208.36 mm	−X · 1 in (25.4 mm)
S-LCR-0 · W100	LCR → P03R	34.796875 / 4.689375 / 8.203125 in 883.84 / 119.11 / 208.36 mm	+X · 1 in (25.4 mm)
S-LCR-1 · W100	LCR → P03R	34.796875 / 8.031875 / 8.203125 in 883.84 / 204.01 / 208.36 mm	+X · 1 in (25.4 mm)

Fastener stations · 181–192

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-LCR-2 · W100	LCR → P03R	34.796875 / 11.374375 / 8.203125 in 883.84 / 288.91 / 208.36 mm	+X · 1 in (25.4 mm)
S-LCR-3 · W100	LCR → P03R	34.796875 / 14.716875 / 8.203125 in 883.84 / 373.81 / 208.36 mm	+X · 1 in (25.4 mm)
S-LCF1-0 · W100	LCF1 → RB3	3.158125 / 2.609375 / 8.203125 in 80.22 / 66.28 / 208.36 mm	−Y · 1 in (25.4 mm)
S-LCF1-1 · W100	LCF1 → RB3	7.537083 / 2.609375 / 8.203125 in 191.44 / 66.28 / 208.36 mm	−Y · 1 in (25.4 mm)
S-LCF1-2 · W100	LCF1 → RB3	11.916042 / 2.609375 / 8.203125 in 302.67 / 66.28 / 208.36 mm	−Y · 1 in (25.4 mm)
S-LCF1-3 · W100	LCF1 → RB3	16.295 / 2.609375 / 8.203125 in 413.89 / 66.28 / 208.36 mm	−Y · 1 in (25.4 mm)
S-LCF2-0 · W100	LCF2 → RB3	19.705 / 2.609375 / 8.203125 in 500.51 / 66.28 / 208.36 mm	−Y · 1 in (25.4 mm)
S-LCF2-1 · W100	LCF2 → RB3	24.083958 / 2.609375 / 8.203125 in 611.73 / 66.28 / 208.36 mm	−Y · 1 in (25.4 mm)
S-LCF2-2 · W100	LCF2 → RB3	28.462917 / 2.609375 / 8.203125 in 722.96 / 66.28 / 208.36 mm	−Y · 1 in (25.4 mm)
S-LCF2-3 · W100	LCF2 → RB3	32.841875 / 2.609375 / 8.203125 in 834.18 / 66.28 / 208.36 mm	−Y · 1 in (25.4 mm)
S-LCB1-0 · W100	LCB1 → P04	3.158125 / 16.796875 / 8.203125 in 80.22 / 426.64 / 208.36 mm	+Y · 1 in (25.4 mm)
S-LCB1-1 · W100	LCB1 → P04	7.537083 / 16.796875 / 8.203125 in 191.44 / 426.64 / 208.36 mm	+Y · 1 in (25.4 mm)

Fastener stations · 193–204

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-LCB1-2 · W100	LCB1 → P04	11.916042 / 16.796875 / 8.203125 in 302.67 / 426.64 / 208.36 mm	+Y · 1 in (25.4 mm)
S-LCB1-3 · W100	LCB1 → P04	16.295 / 16.796875 / 8.203125 in 413.89 / 426.64 / 208.36 mm	+Y · 1 in (25.4 mm)
S-LCB2-0 · W100	LCB2 → P04	19.705 / 16.796875 / 8.203125 in 500.51 / 426.64 / 208.36 mm	+Y · 1 in (25.4 mm)
S-LCB2-1 · W100	LCB2 → P04	24.083958 / 16.796875 / 8.203125 in 611.73 / 426.64 / 208.36 mm	+Y · 1 in (25.4 mm)
S-LCB2-2 · W100	LCB2 → P04	28.462917 / 16.796875 / 8.203125 in 722.96 / 426.64 / 208.36 mm	+Y · 1 in (25.4 mm)
S-LCB2-3 · W100	LCB2 → P04	32.841875 / 16.796875 / 8.203125 in 834.18 / 426.64 / 208.36 mm	+Y · 1 in (25.4 mm)
S-LCQL-0 · W100	LCQL → CFL	1.328125 / 4.109375 / 8.203125 in 33.73 / 104.38 / 208.36 mm	−Y · 1 in (25.4 mm)
S-LCQL-1 · W100	LCQL → CFL	1.703125 / 4.109375 / 8.203125 in 43.26 / 104.38 / 208.36 mm	−Y · 1 in (25.4 mm)
S-LCQ1-0 · W100	LCQ1 → CF1	17.75 / 4.109375 / 8.203125 in 450.85 / 104.38 / 208.36 mm	−Y · 1 in (25.4 mm)
S-LCQ1-1 · W100	LCQ1 → CF1	18.25 / 4.109375 / 8.203125 in 463.55 / 104.38 / 208.36 mm	−Y · 1 in (25.4 mm)
S-LCQR-0 · W100	LCQR → CFR	34.296875 / 4.109375 / 8.203125 in 871.14 / 104.38 / 208.36 mm	−Y · 1 in (25.4 mm)
S-LCQR-1 · W100	LCQR → CFR	34.671875 / 4.109375 / 8.203125 in 880.67 / 104.38 / 208.36 mm	−Y · 1 in (25.4 mm)

Fastener stations · 205–216

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-LCPL-0 · W100	LCPL → CLU	1.328125 / 15.296875 / 8.203125 in 33.73 / 388.54 / 208.36 mm	+Y · 1 in (25.4 mm)
S-LCPL-1 · W100	LCPL → CLU	1.703125 / 15.296875 / 8.203125 in 43.26 / 388.54 / 208.36 mm	+Y · 1 in (25.4 mm)
S-LCP1-0 · W100	LCP1 → CM	17.75 / 15.296875 / 8.203125 in 450.85 / 388.54 / 208.36 mm	+Y · 1 in (25.4 mm)
S-LCP1-1 · W100	LCP1 → CM	18.25 / 15.296875 / 8.203125 in 463.55 / 388.54 / 208.36 mm	+Y · 1 in (25.4 mm)
S-LCPR-0 · W100	LCPR → CRU	34.296875 / 15.296875 / 8.203125 in 871.14 / 388.54 / 208.36 mm	+Y · 1 in (25.4 mm)
S-LCPR-1 · W100	LCPR → CRU	34.671875 / 15.296875 / 8.203125 in 880.67 / 388.54 / 208.36 mm	+Y · 1 in (25.4 mm)
S-ROOFL-0 · W125	P02 → CLT	1.453125 / 3 / 36 in 36.91 / 76.20 / 914.40 mm	−Z · 1 1/4 in (31.75 mm)
S-ROOFL-1 · W125	P02 → CLT	1.453125 / 9 / 36 in 36.91 / 228.60 / 914.40 mm	−Z · 1 1/4 in (31.75 mm)
S-ROOFL-2 · W125	P02 → CLT	1.453125 / 15 / 36 in 36.91 / 381.00 / 914.40 mm	−Z · 1 1/4 in (31.75 mm)
S-ROOFR-0 · W125	P02 → CRT	34.546875 / 3 / 36 in 877.49 / 76.20 / 914.40 mm	−Z · 1 1/4 in (31.75 mm)
S-ROOFR-1 · W125	P02 → CRT	34.546875 / 9 / 36 in 877.49 / 228.60 / 914.40 mm	−Z · 1 1/4 in (31.75 mm)
S-ROOFR-2 · W125	P02 → CRT	34.546875 / 15 / 36 in 877.49 / 381.00 / 914.40 mm	−Z · 1 1/4 in (31.75 mm)

Fastener stations · 217–228

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-ROOFF-0 · W125	P02 → F0T	8 / 0.375 / 36 in 203.20 / 9.52 / 914.40 mm	−Z · 1 1/4 in (31.75 mm)
S-ROOFF-1 · W125	P02 → F1T	20 / 1.125 / 36 in 508.00 / 28.57 / 914.40 mm	−Z · 1 1/4 in (31.75 mm)
S-ROOFF-2 · W125	P02 → F0T	32 / 0.375 / 36 in 812.80 / 9.52 / 914.40 mm	−Z · 1 1/4 in (31.75 mm)
S-ROOFB-0 · W125	P02 → CT	8 / 16.546875 / 36 in 203.20 / 420.29 / 914.40 mm	−Z · 1 1/4 in (31.75 mm)
S-ROOFB-1 · W125	P02 → CT	19 / 16.546875 / 36 in 482.60 / 420.29 / 914.40 mm	−Z · 1 1/4 in (31.75 mm)
S-ROOFB-2 · W125	P02 → CT	30 / 16.546875 / 36 in 762.00 / 420.29 / 914.40 mm	−Z · 1 1/4 in (31.75 mm)
S-CFL-0 · W125	P03L → CFL	0 / 2.859375 / 3.328125 in 0.00 / 72.63 / 84.53 mm	+X · 1 1/4 in (31.75 mm)
S-CFL-1 · W125	P03L → CFL	0 / 2.859375 / 6.328125 in 0.00 / 72.63 / 160.73 mm	+X · 1 1/4 in (31.75 mm)
S-CFR-0 · W125	P03R → CFR	36 / 2.859375 / 3.328125 in 914.40 / 72.63 / 84.53 mm	−X · 1 1/4 in (31.75 mm)
S-CFR-1 · W125	P03R → CFR	36 / 2.859375 / 6.328125 in 914.40 / 72.63 / 160.73 mm	−X · 1 1/4 in (31.75 mm)
S-CM-0 · W125	P04 → CM	18 / 18 / 3.203125 in 457.20 / 457.20 / 81.36 mm	−Y · 1 1/4 in (31.75 mm)
S-CM-1 · W125	P04 → CM	18 / 18 / 9.121875 in 457.20 / 457.20 / 231.70 mm	−Y · 1 1/4 in (31.75 mm)

Fastener stations · 229–240

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-CM-2 · W125	P04 → CM	18 / 18 / 15.040625 in 457.20 / 457.20 / 382.03 mm	−Y · 1 1/4 in (31.75 mm)
S-CM-3 · W125	P04 → CM	18 / 18 / 20.959375 in 457.20 / 457.20 / 532.37 mm	−Y · 1 1/4 in (31.75 mm)
S-CM-4 · W125	P04 → CM	18 / 18 / 26.878125 in 457.20 / 457.20 / 682.70 mm	−Y · 1 1/4 in (31.75 mm)
S-CM-5 · W125	P04 → CM	18 / 18 / 32.796875 in 457.20 / 457.20 / 833.04 mm	−Y · 1 1/4 in (31.75 mm)
S-ALF1-0 · TRACK	ALF1 + TRACK-T → F0T	4.818625 / 0.38425 / 32.506375 in 122.39 / 9.76 / 825.66 mm	+Z · 3/4 in (19.05 mm)
S-ALF1-1 · TRACK	ALF1 + TRACK-T → F0T	11.606208 / 0.38425 / 32.506375 in 294.80 / 9.76 / 825.66 mm	+Z · 3/4 in (19.05 mm)
S-ALF2-0 · TRACK	ALF2 + TRACK-T → F0T	16.5 / 0.38425 / 32.506375 in 419.10 / 9.76 / 825.66 mm	+Z · 3/4 in (19.05 mm)
S-ALF2-1 · TRACK	ALF2 + TRACK-T → F0T	19.5 / 0.38425 / 32.506375 in 495.30 / 9.76 / 825.66 mm	+Z · 3/4 in (19.05 mm)
S-ALF3-0 · TRACK	ALF3 + TRACK-T → F0T	24.393792 / 0.38425 / 32.506375 in 619.60 / 9.76 / 825.66 mm	+Z · 3/4 in (19.05 mm)
S-ALF3-1 · TRACK	ALF3 + TRACK-T → F0T	31.181375 / 0.38425 / 32.506375 in 792.01 / 9.76 / 825.66 mm	+Z · 3/4 in (19.05 mm)
S-ALB1-0 · TRACK	ALB1 + TRACK-T → F1T	4.818625 / 0.94975 / 32.506375 in 122.39 / 24.12 / 825.66 mm	+Z · 3/4 in (19.05 mm)
S-ALB1-1 · TRACK	ALB1 + TRACK-T → F1T	11.606208 / 0.94975 / 32.506375 in 294.80 / 24.12 / 825.66 mm	+Z · 3/4 in (19.05 mm)

Fastener stations · 241–244

Use the named assembly datums. Clearance passes through first members; stopped pilots enter the receivers. Received heads and thin metal webs require accepted trials.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
S-ALB2-0 · TRACK	ALB2 + TRACK-T → F1T	16.5 / 0.94975 / 32.506375 in 419.10 / 24.12 / 825.66 mm	+Z · 3/4 in (19.05 mm)
S-ALB2-1 · TRACK	ALB2 + TRACK-T → F1T	19.5 / 0.94975 / 32.506375 in 495.30 / 24.12 / 825.66 mm	+Z · 3/4 in (19.05 mm)
S-ALB3-0 · TRACK	ALB3 + TRACK-T → F1T	24.393792 / 0.94975 / 32.506375 in 619.60 / 24.12 / 825.66 mm	+Z · 3/4 in (19.05 mm)
S-ALB3-1 · TRACK	ALB3 + TRACK-T → F1T	31.181375 / 0.94975 / 32.506375 in 792.01 / 24.12 / 825.66 mm	+Z · 3/4 in (19.05 mm)

Machining removals

Local X / Y / Z begin at the named part's minimum assembled-coordinate corner. Cut volumes extend slightly beyond an edge for a through-cut and are clipped to the part. Read orientation pictures; never use a schematic as a full-size template.

Cut / part	Local X / Y / Z	Removal size	Operation
JAMB-R-DIVIDER / JAMBR	-0.002 in (-0.05 mm) / 0.5655 in (14.36 mm) / -0.002 in (-0.05 mm)	1/2 in (12.7 mm) × 0.053 in (1.35 mm) × 23.16775 in (588.46 mm)	Supplier-approved central divider relief only; preserve full closing web and outer legs. Deburr and trial actual lock clip.
POCKET-VLB / VLB	0.287 in (7.29 mm) / 0.494 in (12.55 mm) / 0.494 in (12.55 mm)	0.088 in (2.24 mm) × 10.012 in (254.3 mm) × 4.012 in (101.9 mm)	Wall-facing wire rebate; solid outer bearing land retained
POCKET-VLT / VLT	0.287 in (7.29 mm) / 0.494 in (12.55 mm) / -3.506 in (-89.05 mm)	0.088 in (2.24 mm) × 10.012 in (254.3 mm) × 4.012 in (101.9 mm)	Wall-facing wire rebate; solid outer bearing land retained
POCKET-VLF / VLF	0.287 in (7.29 mm) / 0.494 in (12.55 mm) / -0.506 in (-12.85 mm)	0.088 in (2.24 mm) × 10.012 in (254.3 mm) × 4.012 in (101.9 mm)	Wall-facing wire rebate; solid outer bearing land retained
POCKET-VLA / VLA	0.287 in (7.29 mm) / -9.506 in (-241.45 mm) / -0.506 in (-12.85 mm)	0.088 in (2.24 mm) × 10.012 in (254.3 mm) × 4.012 in (101.9 mm)	Wall-facing wire rebate; solid outer bearing land retained
POCKET-VRB / VRB	0 in (0 mm) / 0.494 in (12.55 mm) / 0.494 in (12.55 mm)	0.088 in (2.24 mm) × 10.012 in (254.3 mm) × 4.012 in (101.9 mm)	Wall-facing wire rebate; solid outer bearing land retained
POCKET-VRT / VRT	0 in (0 mm) / 0.494 in (12.55 mm) / -3.506 in (-89.05 mm)	0.088 in (2.24 mm) × 10.012 in (254.3 mm) × 4.012 in (101.9 mm)	Wall-facing wire rebate; solid outer bearing land retained

Machining removals · continued

Local X / Y / Z begin at the named part's minimum assembled-coordinate corner. Cut volumes extend slightly beyond an edge for a through-cut and are clipped to the part. Read orientation pictures; never use a schematic as a full-size template.

Cut / part	Local X / Y / Z	Removal size	Operation
POCKET-VRF / VRF	0 in (0 mm) / 0.494 in (12.55 mm) / -0.506 in (-12.85 mm)	0.088 in (2.24 mm) × 10.012 in (254.3 mm) × 4.012 in (101.9 mm)	Wall-facing wire rebate; solid outer bearing land retained
POCKET-VRA / VRA	0 in (0 mm) / -9.506 in (-241.45 mm) / -0.506 in (-12.85 mm)	0.088 in (2.24 mm) × 10.012 in (254.3 mm) × 4.012 in (101.9 mm)	Wall-facing wire rebate; solid outer bearing land retained
POCKET-RTLF / RTLF	0.494 in (12.55 mm) / 0.494 in (12.55 mm) / 0.287 in (7.29 mm)	13.012 in (330.5 mm) × 11.012 in (279.7 mm) × 0.088 in (2.24 mm)	Roof-facing rebate; received wire crossing and cured film trial controls depth
POCKET-RTLA / RTLA	0.494 in (12.55 mm) / -10.506 in (-266.85 mm) / 0.287 in (7.29 mm)	13.012 in (330.5 mm) × 11.012 in (279.7 mm) × 0.088 in (2.24 mm)	Roof-facing rebate; received wire crossing and cured film trial controls depth
POCKET-RTLL / RTLL	0.494 in (12.55 mm) / -0.506 in (-12.85 mm) / 0.287 in (7.29 mm)	13.012 in (330.5 mm) × 11.012 in (279.7 mm) × 0.088 in (2.24 mm)	Roof-facing rebate; received wire crossing and cured film trial controls depth
POCKET-RTLR / RTLR	-12.506 in (-317.65 mm) / -0.506 in (-12.85 mm) / 0.287 in (7.29 mm)	13.012 in (330.5 mm) × 11.012 in (279.7 mm) × 0.088 in (2.24 mm)	Roof-facing rebate; received wire crossing and cured film trial controls depth
ROOF-OPEN-TL / P02	4 in (101.6 mm) / 4 in (101.6 mm) / 0 in (0 mm)	12 in (304.8 mm) × 10 in (254 mm) × 45/64 in (17.86 mm)	Supported through-cut in roof

Machining removals · continued

Local X / Y / Z begin at the named part's minimum assembled-coordinate corner. Cut volumes extend slightly beyond an edge for a through-cut and are clipped to the part. Read orientation pictures; never use a schematic as a full-size template.

Cut / part	Local X / Y / Z	Removal size	Operation
POCKET-RTRF / RTRF	0.494 in (12.55 mm) / 0.494 in (12.55 mm) / 0.287 in (7.29 mm)	13.012 in (330.5 mm) × 11.012 in (279.7 mm) × 0.088 in (2.24 mm)	Roof-facing rebate; received wire crossing and cured film trial controls depth
POCKET-RTRA / RTRA	0.494 in (12.55 mm) / -10.506 in (-266.85 mm) / 0.287 in (7.29 mm)	13.012 in (330.5 mm) × 11.012 in (279.7 mm) × 0.088 in (2.24 mm)	Roof-facing rebate; received wire crossing and cured film trial controls depth
POCKET-RTRL / RTRL	0.494 in (12.55 mm) / -0.506 in (-12.85 mm) / 0.287 in (7.29 mm)	13.012 in (330.5 mm) × 11.012 in (279.7 mm) × 0.088 in (2.24 mm)	Roof-facing rebate; received wire crossing and cured film trial controls depth
POCKET-RTRR / RTRR	-12.506 in (-317.65 mm) / -0.506 in (-12.85 mm) / 0.287 in (7.29 mm)	13.012 in (330.5 mm) × 11.012 in (279.7 mm) × 0.088 in (2.24 mm)	Roof-facing rebate; received wire crossing and cured film trial controls depth
ROOF-OPEN-TR / P02	20 in (508 mm) / 4 in (101.6 mm) / 0 in (0 mm)	12 in (304.8 mm) × 10 in (254 mm) × 45/64 in (17.86 mm)	Supported through-cut in roof
VENT-P03L / P03L	0 in (0 mm) / 4 1/2 in (114.3 mm) / 9 1/8 in (231.78 mm)	45/64 in (17.86 mm) × 9 in (228.6 mm) × 3 in (76.2 mm)	Supported through-cut; bottom 9 inches above the reference finished floor; actual liner stack must be measured
VENT-P03R / P03R	0 in (0 mm) / 4 1/2 in (114.3 mm) / 9 1/8 in (231.78 mm)	45/64 in (17.86 mm) × 9 in (228.6 mm) × 3 in (76.2 mm)	Supported through-cut; bottom 9 inches above the reference finished floor; actual liner stack must be measured

Machining removals · continued

Local X / Y / Z begin at the named part's minimum assembled-coordinate corner. Cut volumes extend slightly beyond an edge for a through-cut and are clipped to the part. Read orientation pictures; never use a schematic as a full-size template.

Cut / part	Local X / Y / Z	Removal size	Operation
NUT-RECESS-CFL / CFL	1/4 in (6.35 mm) / 7/8 in (22.23 mm) / 1 3/8 in (34.93 mm)	Cylindrical removal; bounding extent 1 in (25.4 mm) × 5/8 in (15.88 mm) × 1 in (25.4 mm) (use the stated diameter and depth, not a rectangular pocket)	Stopped 1-inch flat-bottom recess from rear post face, 5/8-inch deep; remaining wood 7/8 inch. Rehearse the actual socket before final drilling.
NUT-RECESS-CF1 / CF1	1/4 in (6.35 mm) / 7/8 in (22.23 mm) / 1 3/8 in (34.93 mm)	Cylindrical removal; bounding extent 1 in (25.4 mm) × 5/8 in (15.88 mm) × 1 in (25.4 mm) (use the stated diameter and depth, not a rectangular pocket)	Stopped 1-inch flat-bottom recess from rear post face, 5/8-inch deep; remaining wood 7/8 inch. Rehearse the actual socket before final drilling.
NUT-RECESS-CFR / CFR	1/4 in (6.35 mm) / 7/8 in (22.23 mm) / 1 3/8 in (34.93 mm)	Cylindrical removal; bounding extent 1 in (25.4 mm) × 5/8 in (15.88 mm) × 1 in (25.4 mm) (use the stated diameter and depth, not a rectangular pocket)	Stopped 1-inch flat-bottom recess from rear post face, 5/8-inch deep; remaining wood 7/8 inch. Rehearse the actual socket before final drilling.

Receiving and physical acceptance record

Leave actual results blank until measured or performed. Calculations and renders do not complete a physical record.

Checkpoint	Actual result / date / reviewer
H01 · before hardware purchase/cutting CRL confirmation of matched D602/D603/D610/D649/D652, catalogue/DWG dimension differences, actual kit inventory, uncapped deburred shoe ends, flush #4 countersinks in thin webs and right-jamb divider relief. Wheels must remain firmly retained. No supplier approval received.	_____ _____ _____
H02 · before wood cutting Measure plywood gauge, usable stock, square straight solid wood, kerf and flatness. Reference numbers are not received measurements.	_____ _____ _____

Glue applied: _____ · Coating/repair time: _____

Temperature / humidity: _____ · Full cure due: _____

PSA supplier dwell: _____ · Liner test dates: _____

Receiving and physical acceptance record

Leave actual results blank until measured or performed. Calculations and renders do not complete a physical record.

Checkpoint	Actual result / date / reviewer
H03 · before veneer purchase Selected species, PSA/backer, stock size, panel balance, cured Varathane compatibility, acclimation, pressure/dwell and heat/humidity/cleaner exposure accepted by supplier. Recalculate all changed layers.	_____ _____ _____
H04 · before capture machining Measure actual wire crossings and cured finish stack; trial fully buried screen with a flat bearing land. Reference recess 0.088 in (2.24 mm), maximum 1/8 in (3.18 mm) without redesign.	_____ _____ _____

Glue applied: _____ · Coating/repair time: _____

Temperature / humidity: _____ · Full cure due: _____

PSA supplier dwell: _____ · Liner test dates: _____

Receiving and physical acceptance record

Leave actual results blank until measured or performed. Calculations and renders do not complete a physical record.

Checkpoint	Actual result / date / reviewer
H05 · before finish All hardware and anti-lift drilling, countersinks, lock and removal trials completed before coating. Any newly exposed wood needs reseal and full recure. For revised retainer: received 3 1/2 in (88.9 mm) flat-head screw, washer <=1/16 in (1.59 mm) and locknut .298-.328″. Trial 1 in (25.4 mm) diameter x 5/8 in (15.88 mm) stopped rear recess, socket access, two complete exposed threads and tail >=1/16 in (1.59 mm) below post face. Retain 7/8 in (22.23 mm) post thickness at the washer seat. No torque or connection capacity inferred.	_____ _____ _____
H06 · before glass order CRL/fabricator resolution of GC728C glass-thickness conflict. Measure accepted vinyl, shoes, glass, cured cushions, guides and anti-lift. Prove insertion/removal and capture before field order; never use reference pane sizes as an order.	_____ _____ _____

Glue applied: _____ · Coating/repair time: _____

Temperature / humidity: _____ · Full cure due: _____

PSA supplier dwell: _____ · Liner test dates: _____

Receiving and physical acceptance record

Leave actual results blank until measured or performed. Calculations and renders do not complete a physical record.

Checkpoint	Actual result / date / reviewer
H07 · before loading Qualified full support/furniture/building-floor review with weighed actual wet bed, shell and equipment. Arithmetic bed scenarios are not a load rating. Qualified connection review must include the countersunk front bearing and recessed interior post bearing, not the previous carriage-bolt geometry.	_____ _____ _____
H08 · before animal entry Full coating cure and bond checks, 24-hour shallow liner test, abrasion/cleaning trial, snag/edge/mesh/door/anti-lift and service tests, qualified review, species-specific heat/humidity/light/gap/escape commissioning. Half-inch mesh is not universal containment.	_____ _____ _____

Glue applied: _____ · Coating/repair time: _____
Temperature / humidity: _____ · Full cure due: _____
PSA supplier dwell: _____ · Liner test dates: _____

Receiving and physical acceptance record

Leave actual results blank until measured or performed. Calculations and renders do not complete a physical record.

Checkpoint	Actual result / date / reviewer
H09 · before cushion bonding CRL/DAP acceptance of neoprene bonded to received anodized aluminium, preparation, actual cured film and seven-day sample bond. Repeated closing and service tests required; detached cushions require repair and renewed acceptance.	_____ _____ _____
H10 · before liner installation Confirm EPDM and underlay suitability for intended temperature, cleaners and animal. Measure compressed underlay plus liner, trial uncut corner folds over cleats and around all six posts, move clamps only after coordinated checks if bulk changes, and test with one inch of water for 24 hours on qualified continuous support. No tank/standing-water service approval.	_____ _____ _____

Glue applied: _____ · Coating/repair time: _____
Temperature / humidity: _____ · Full cure due: _____
PSA supplier dwell: _____ · Liner test dates: _____

Sources, status and maintenance

Current product identity and exact shared-document evidence are in the construction review packet. Quantities and geometry belong only to N08.

- CRL D2203ABB track kit
- CRL TH18 catalogue reference
- Aquascape 45 mil EPDM liner
- Aquascape protective underlay
- Titebond III directions
- Oakwood PSA application
- Varathane coating technical data
- DAP Original Contact Cement
- Poly Haven texture licence

Separate statuses: research, dimensional checks, calculations and digital validation have their own evidence. No prototype has been built. Physical testing and qualified review have not been performed. Publication does not replace these construction checks.

For service, disconnect equipment, relocate occupants and empty the enclosure. Remove the front pane before rear; refit rear before front. Remove long liner clamps before short post clamps. Refit the short post clamps first. Repeat affected cure, shallow leak, door, mesh and containment checks after repairs.

Veneer scans by Jenelle van Heerden via Poly Haven illustrate maple, white oak and walnut appearance. Delivered grain and colour vary. Full exterior layers and their service gaps remain subject to supplier balance/bond and actual-stack acceptance.