



OPENHOUSE / SAMPLE TECHNICAL LIBRARY

System documentation sample index

One cabin. Fully engineered. Completely documented.

This document demonstrates the intended structure, reference language and lifetime scope of the OpenHouse technical library. It is not a construction issue and contains no approved dimensions or specifications.

SYS-00

One controlled knowledge system

Every physical delivery stage receives the complete library. References remain stable from design and manufacturing through construction, inspection, ownership and repair.

MAN

Engineering

Geometry, load paths, assemblies and connection details.

MFG

Manufacturing

Profiles, members, panels, labels and quality checks.

PRC

Procurement

Quantities, products, alternatives and supplier guidance.

BLD

Construction

Tools, sequence, safety, tolerances and inspections.

SRV

Services

Electrical, water, drainage, heating and ventilation.

MNT

Lifetime

Inspection, servicing, repair, replacement and upgrades.

REVISION CONTROL

Each issued document carries a reference, revision, status and issue date. Approved substitutions and site records are added without erasing the original design intent.

MAN-01 / MFG-02

Engineering to local manufacture

The same controlled model produces drawings for builders and production information for approved regional LSF manufacturers.

REFERENCE	DOCUMENT	PURPOSE / OUTPUT
MAN-01-GA	General arrangement	Setting out, principal dimensions and reference grid.
MAN-01-FR	Floor framing	Member layout, supports, penetrations and connection callouts.
MAN-01-WL	Wall framing	Panel geometry, openings, bracing and hold-down references.
MAN-01-RF	Roof and loft	Rafters, ridge, loft members and load-transfer details.
MFG-02-MS	Member schedule	Profile, gauge, coating, length, holes, quantity and label.
MFG-02-PN	Panel drawings	Assembly face, member references, fixings and tolerances.
MFG-02-QC	Production quality	Machine setup, material certificates and dimensional checks.

LOCAL PRODUCTION PRINCIPLE

The manufacturing package is intended to support approved LSF producers in different regions. Approval confirms machine capability, material compliance and quality control; it does not lock the customer to one factory.

PRC-03 / CUT-04 / BLD-05

From shopping list to inspection

A buildable system connects every purchased item and cut part to a clear installation operation and quality checkpoint.

REFERENCE	DOCUMENT	PURPOSE / OUTPUT
PRC-03-BOM	Bill of materials	Quantity, dimension, unit, mass, cost allowance and stage.
PRC-03-ALT	Approved alternatives	Performance criteria and substitution review requirements.
CUT-04-ST	Steel cut schedule	Member label, profile, length and manufacturing source.
CUT-04-SH	Sheet optimisation	Plywood and cabinetry nests with part identification.
BLD-05-TL	Tool and skill matrix	Required tools, team size, competence and time guidance.
BLD-05-SQ	Assembly sequence	Preparation, numbered steps, details and common mistakes.
BLD-05-IN	Inspection plan	Hold points, measurements, photographs and sign-off records.

PROCUREMENT RULE

Widely available products are preferred. Proprietary items are used only when their tested performance or integration justifies dependency, and replacement references remain in the owner record.

SRV-06 / INT-07 / MNT-08

The systems behind the surfaces

Routes, isolation points, access panels, furniture parts and maintenance tasks remain findable after the finished interior is installed.

REFERENCE	DOCUMENT	PURPOSE / OUTPUT
SRV-06-EL	Electrical routing	Circuits, cable routes, protection, outlets and test record.
SRV-06-PL	Water and drainage	Pipe sizes, falls, isolation, penetrations and winterisation.
SRV-06-VA	Ventilation and heat	Air paths, extract points, equipment and service access.
INT-07-WL	Interior wall system	Service cavity, lining profile, fixings, trims and finish.
INT-07-CN	CNC cabinetry	Sheet layouts, edges, hardware, assembly and installation.
MNT-08-SC	Maintenance schedule	Intervals, methods, products, access and completion record.
MNT-08-RP	Repair and replacement	Removal sequence, part reference and approved replacement.

MAINTAINABILITY REQUIREMENT

Concealed services must have a route reference. Serviceable equipment must have an access strategy. Replaceable components must have a part or performance reference.

OWN-09

A record that changes with the cabin

The issued design is the beginning of the owner record. Actual products, inspections, transport events, repairs and upgrades are added throughout the cabin's life.

01

Manufacture

Material certificates, member checks, labels and panel sign-off.

02

Construction

Substitutions, concealed-work photographs, tests and inspections.

03

Handover

Final mass, commissioning, serial numbers and maintenance baseline.

04

Ownership

Inspections, servicing, repairs, replacements and modification reviews.

SAMPLE STATUS

This PDF demonstrates the proposed documentation architecture only. It contains no approved dimensions, structural calculations, product specifications or instructions for construction. Construction documents will be issued by project, region and revision status.

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