

CUSTOM WOODEN NOTEBOOKS

A BUYER'S SPECIFICATION BLUEPRINT.

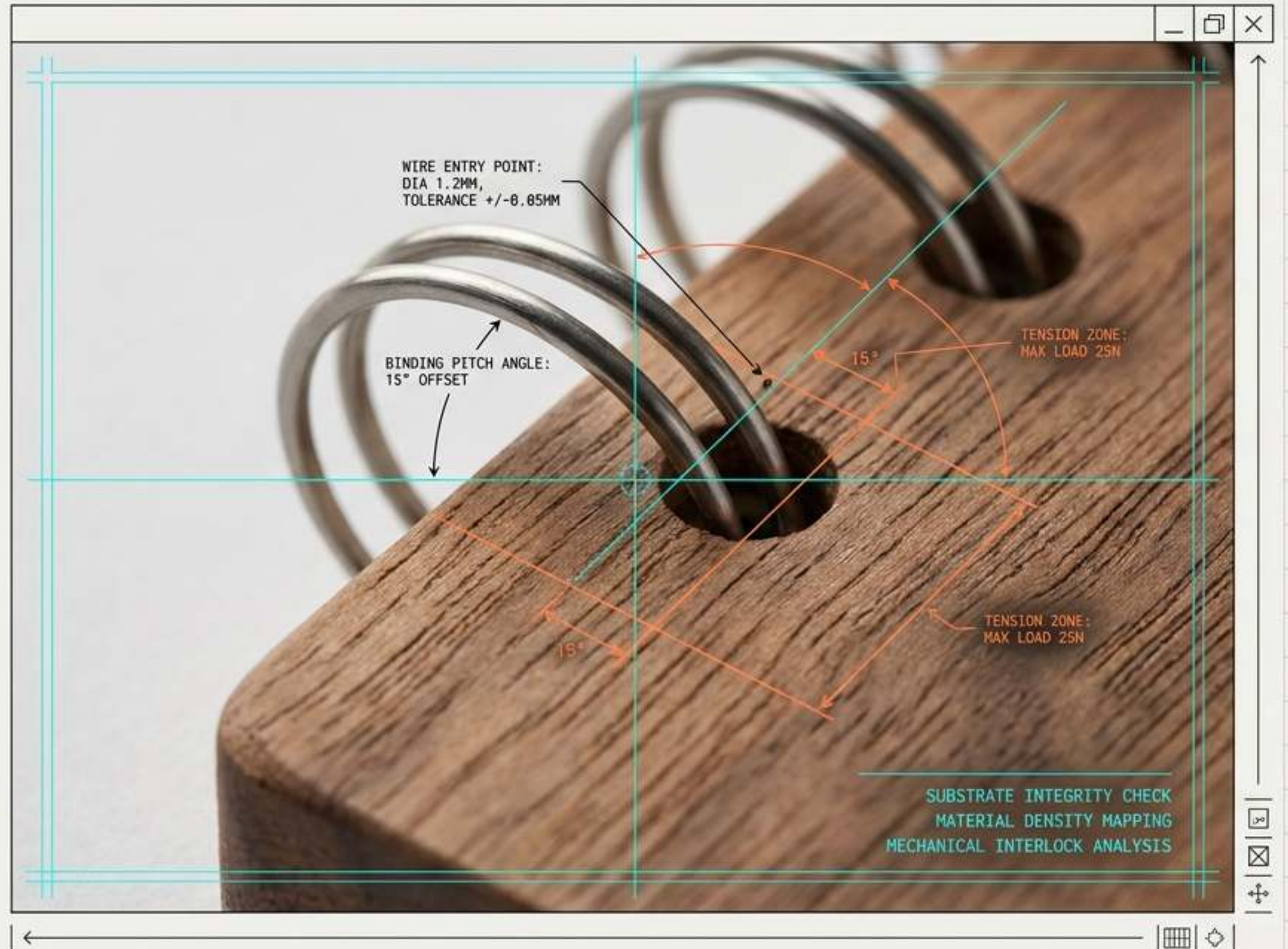
Engineering the interaction of
substrate, binding mechanics,
and natural materials.

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SPEC_REF:
MW-NB-001A

ENGINEERED FOR
TACTILE UTILITY

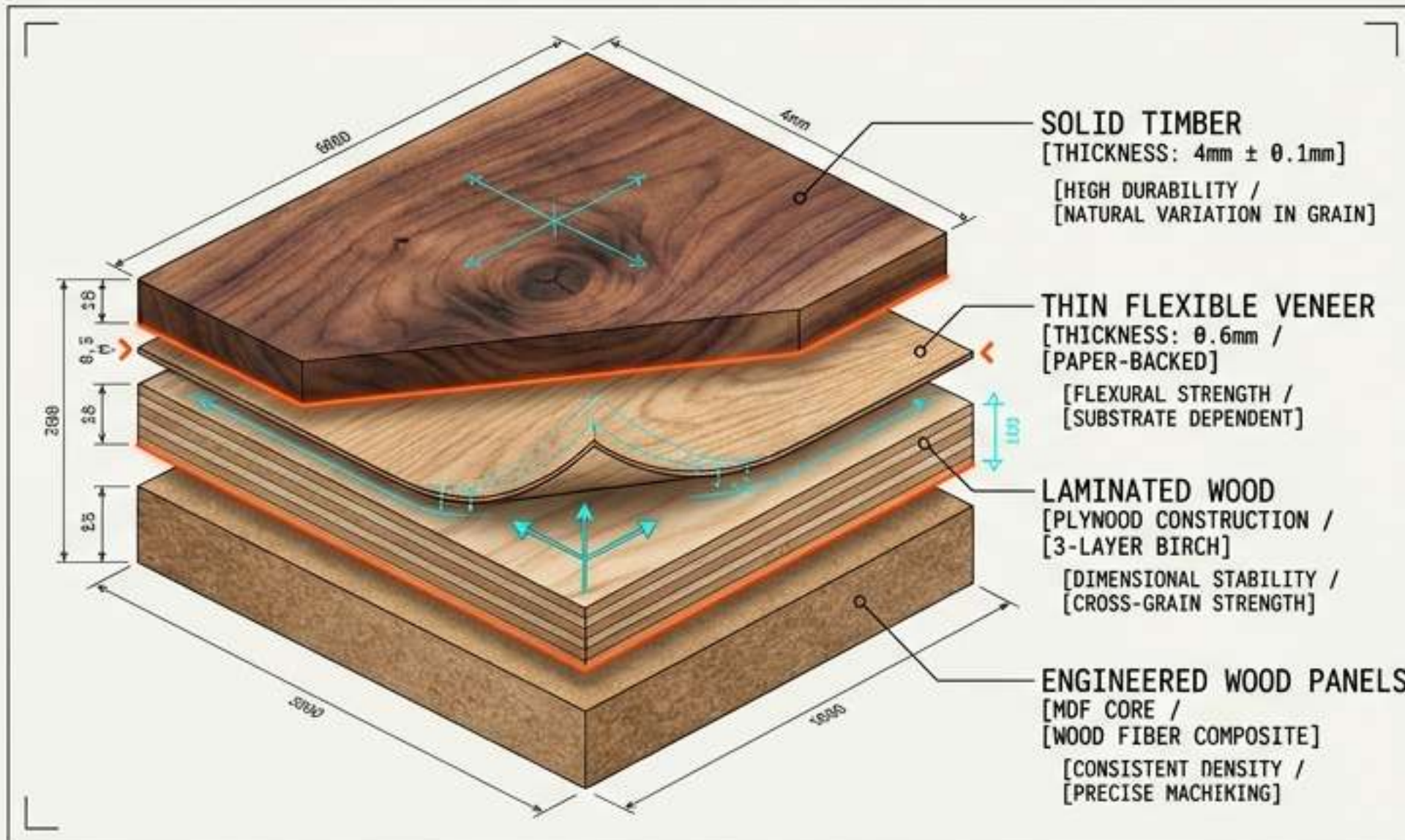


Genuine Material Requires Genuine Engineering

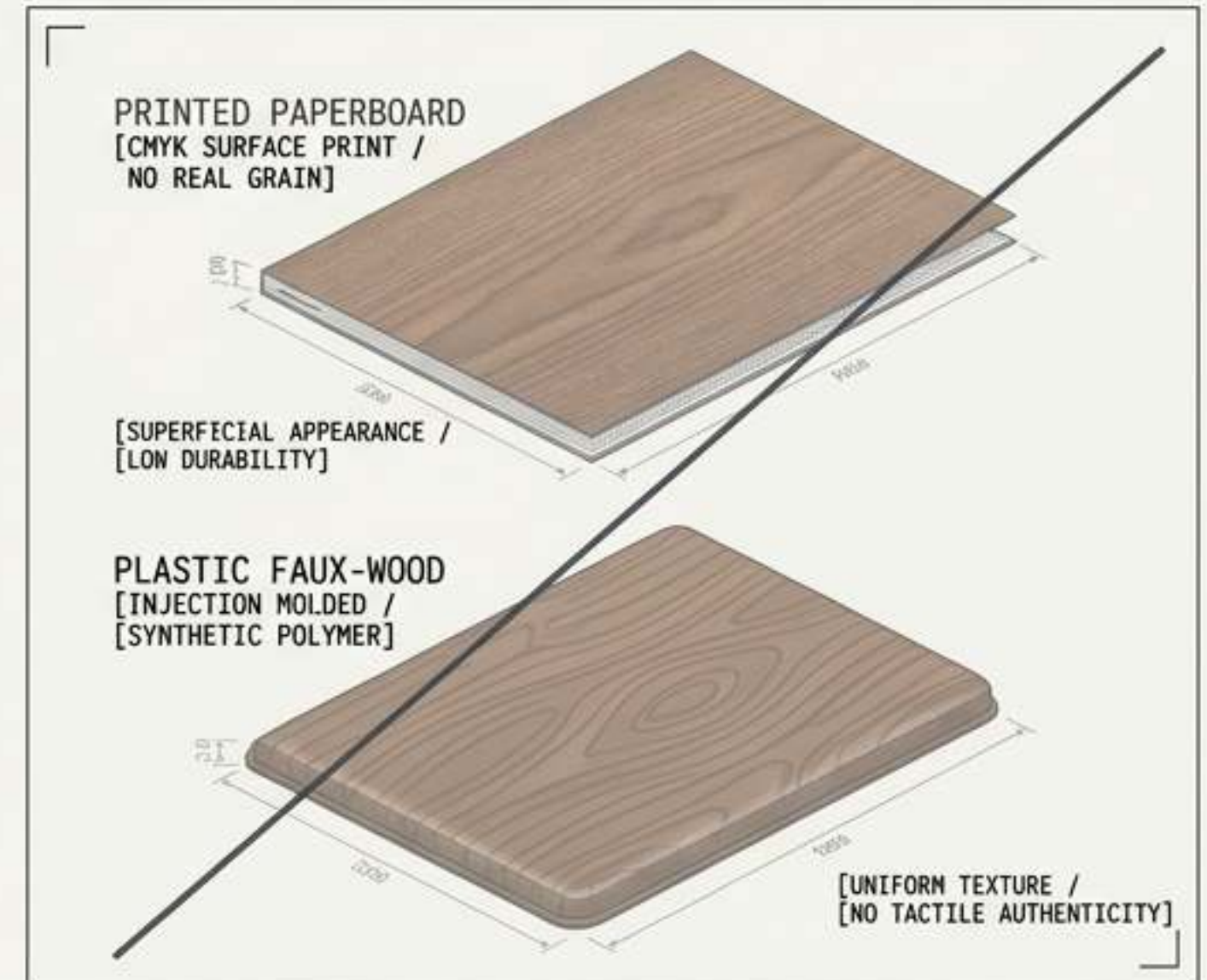
A custom wooden notebook uses real wood as a primary visible cover component. Wooden does not automatically mean solid timber. The quoted substrate and layer build must be explicitly identified to predict how the cover will behave under physical stress.

Designers must decide if natural grain variation is an intentional design feature or a strictly controlled acceptance issue.

IN SCOPE: ENGINEERED WOOD



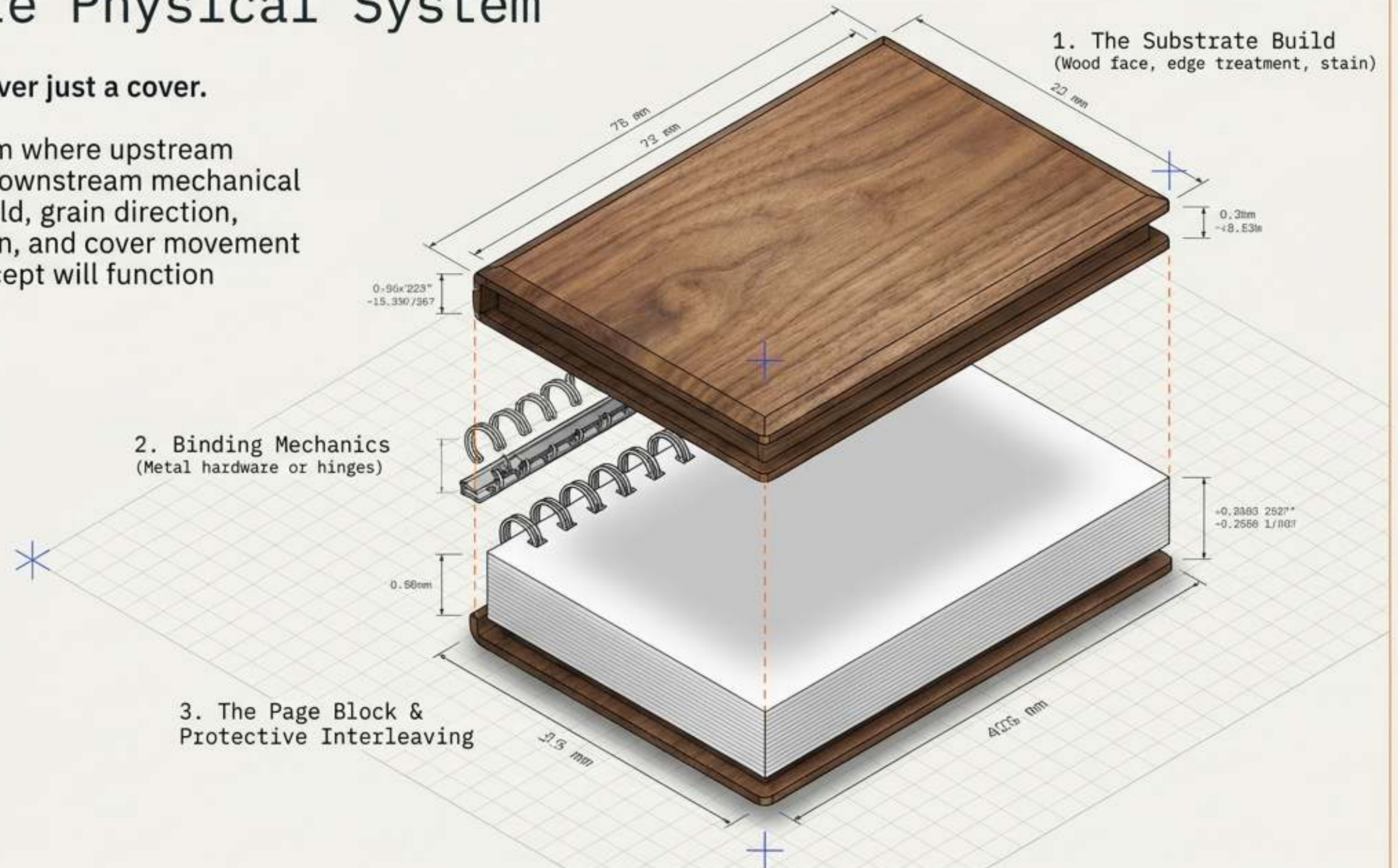
OUT OF SCOPE: SYNTHETIC LOOK-ALIKES



The Complete Physical System

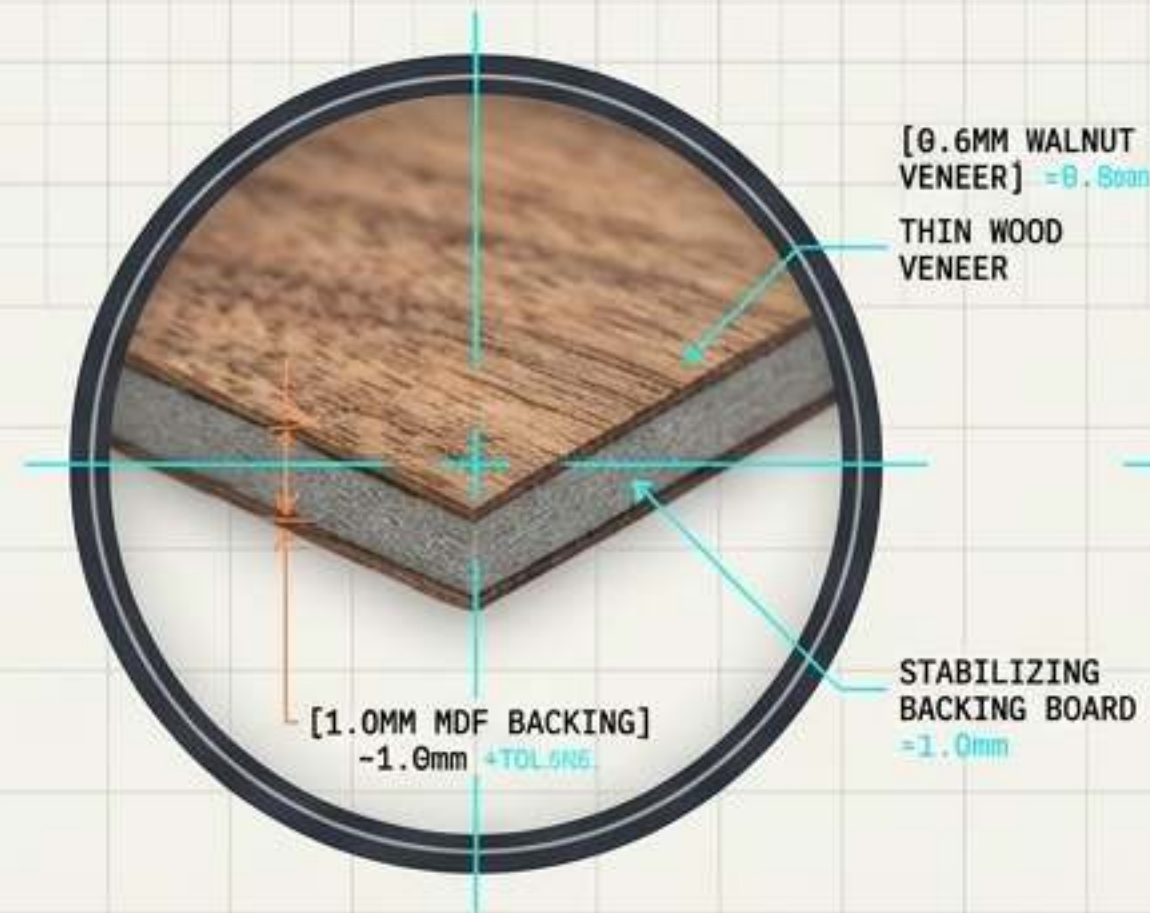
A wooden notebook is never just a cover.

It is an interlocking system where upstream material choices dictate downstream mechanical constraints. Substrate build, grain direction, edge treatment, decoration, and cover movement determine whether a concept will function or fail.

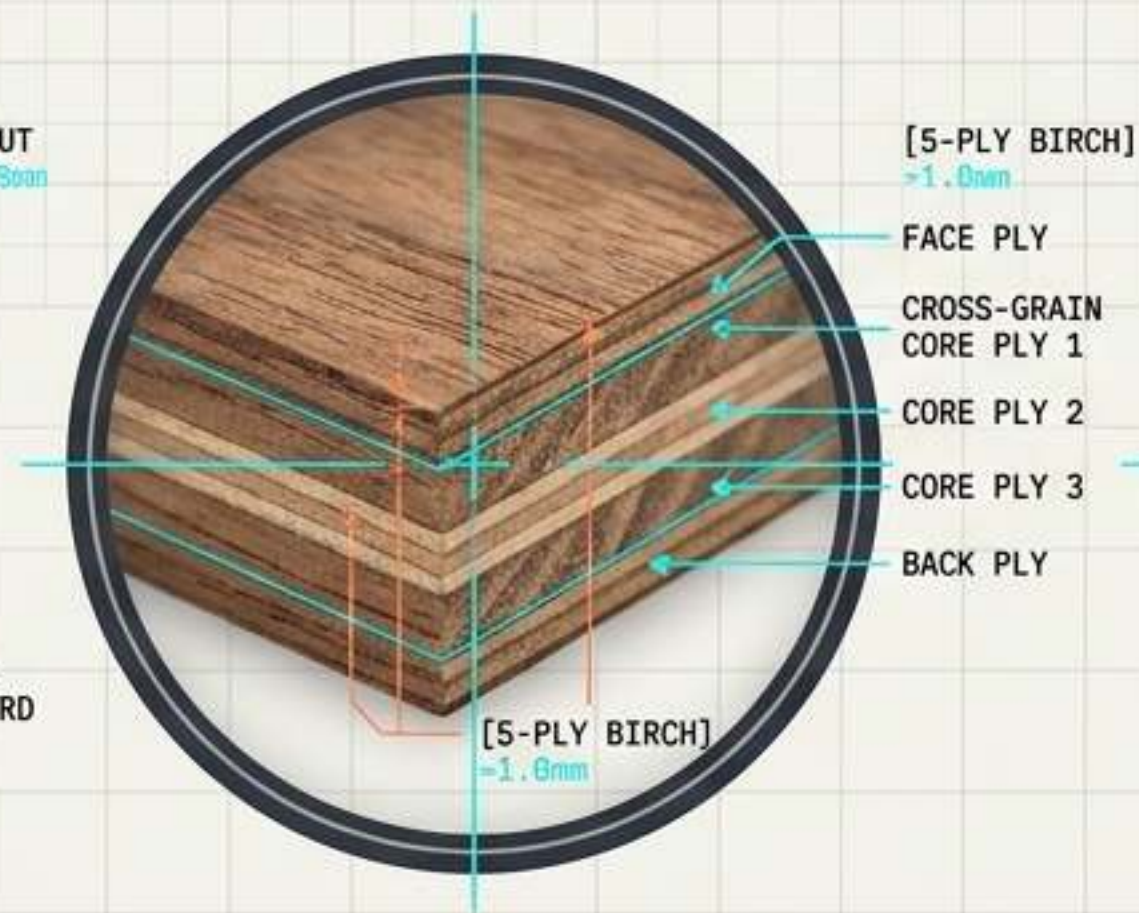


Architecting the Substrate Build

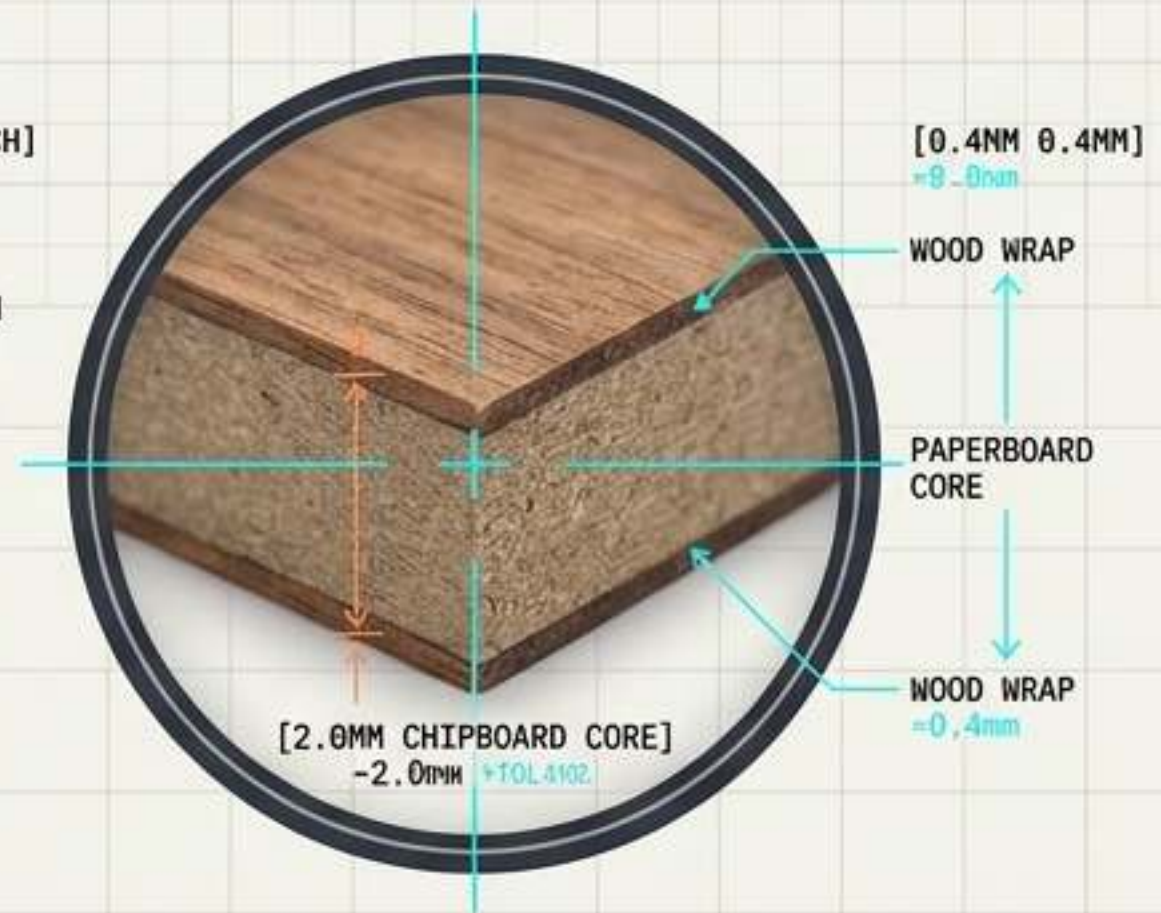
Define exact preferences for visible grain, color, stain, sheen, face, and edge finish.



Thin Flexible Veneer



Rigid Laminated Panel



Wood-Faced Board

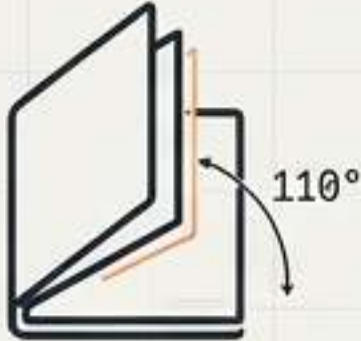
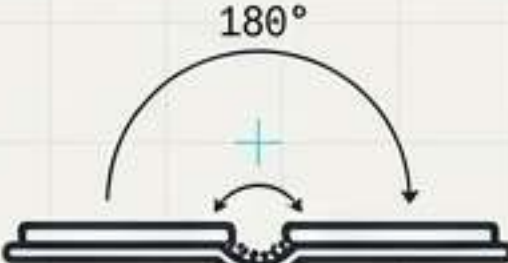
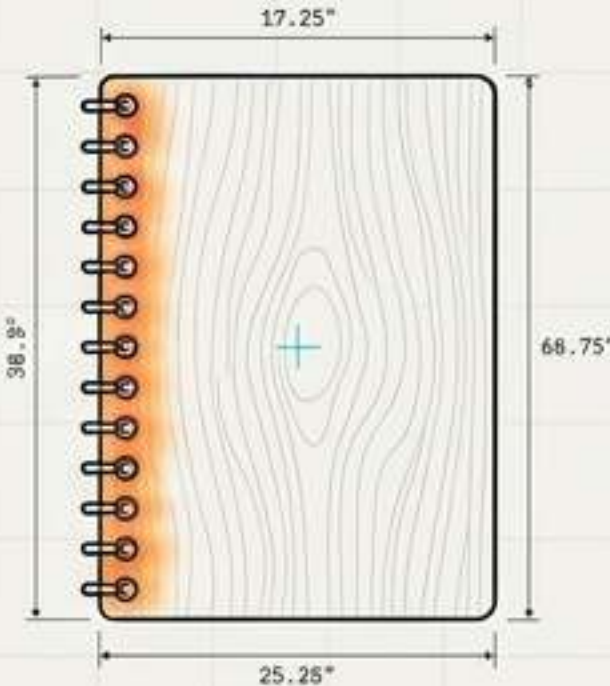
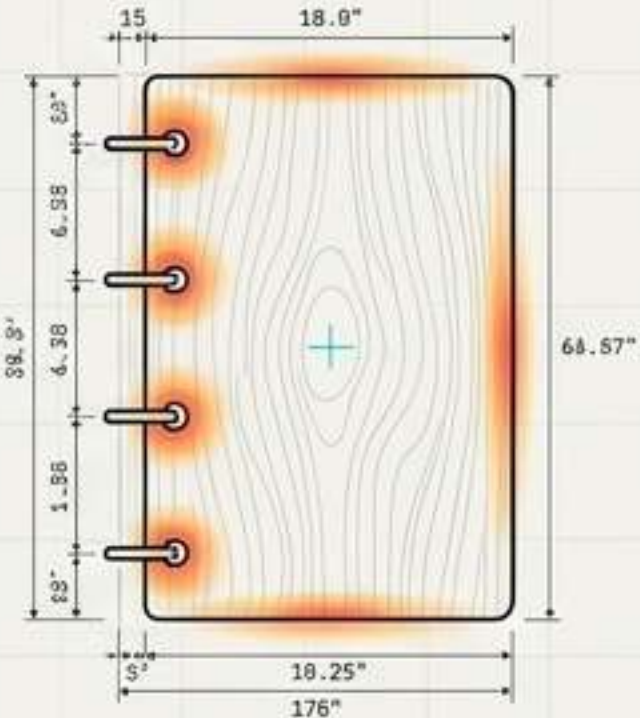
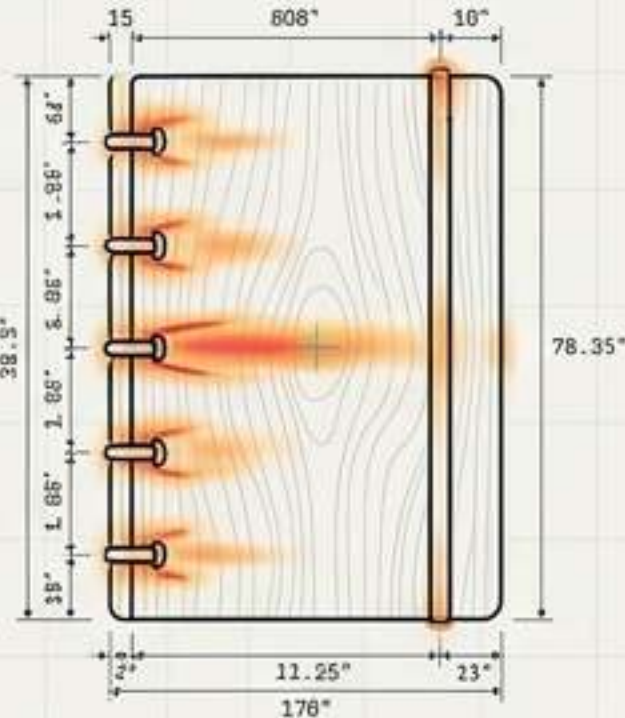
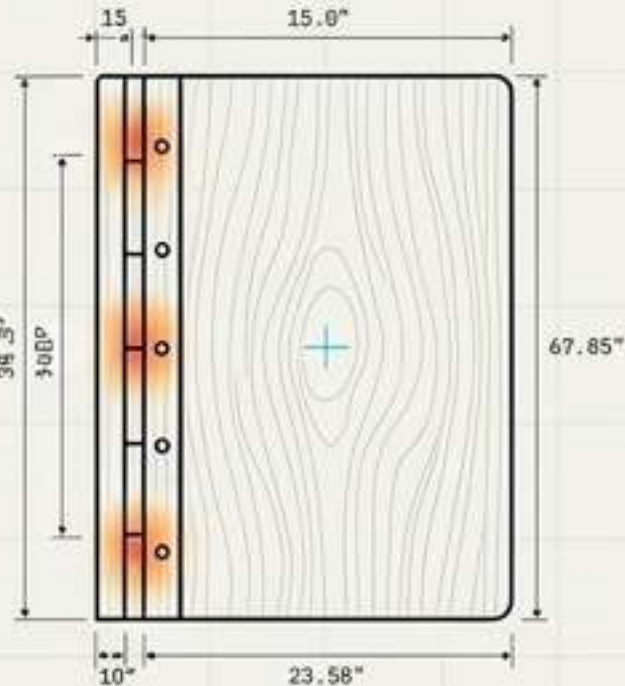
Require the supplier to recommend a stable construction compatible with the chosen binding, page block, decoration, and intended environment.

The Binding Suitability Matrix

Choose a binding system specifically engineered for rigid covers.

Critical Specification: Confirm whether the notebook must lie flat or fold back entirely, and ensure the cover can move without stressing the holes or hinges.

Specify inner mechanics: sheet count, paper type, ruling, pagination, and structural inserts.

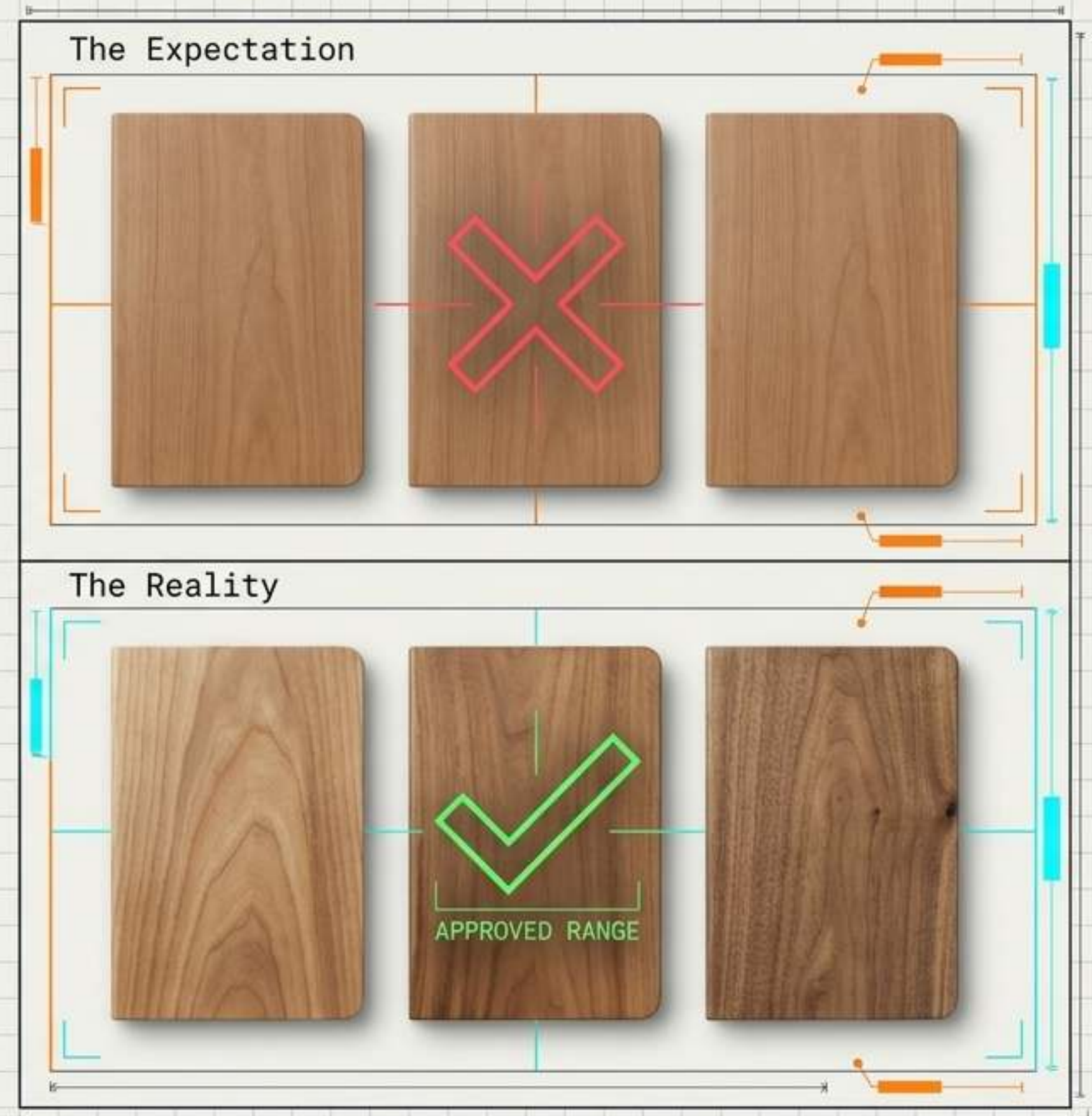
	SPIRAL/WIRE	RINGS	EXPOSED-POST	HINGED/FLEXIBLE-SPINE
OPENING BEHAVIOR				
COVER STRESS				

Designing for Natural Variation

Do not expect identical covers from natural materials.

Panel yield, grain selection, and material batches directly affect the final appearance.

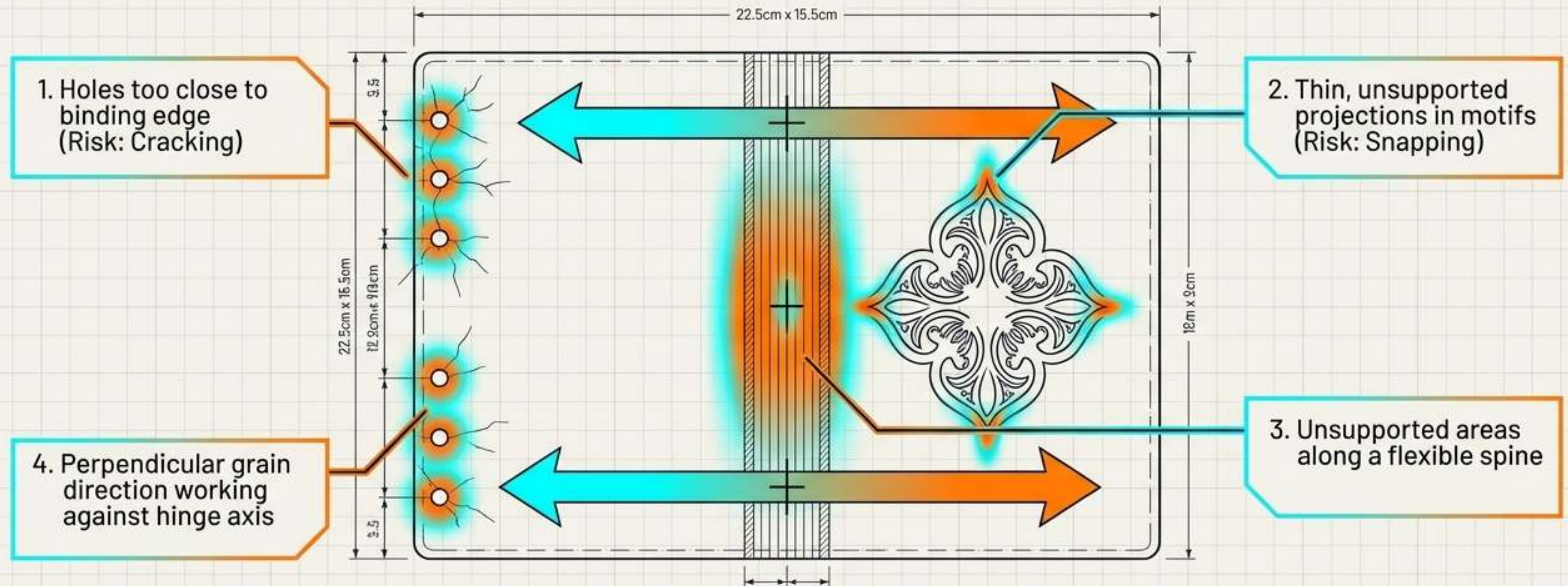
Always approve a physical range for grain and shade rather than judging against a single master sample.



Structural Danger Zones

Wood is a dynamic material. Grain direction and panel movement require rigorous feasibility review.

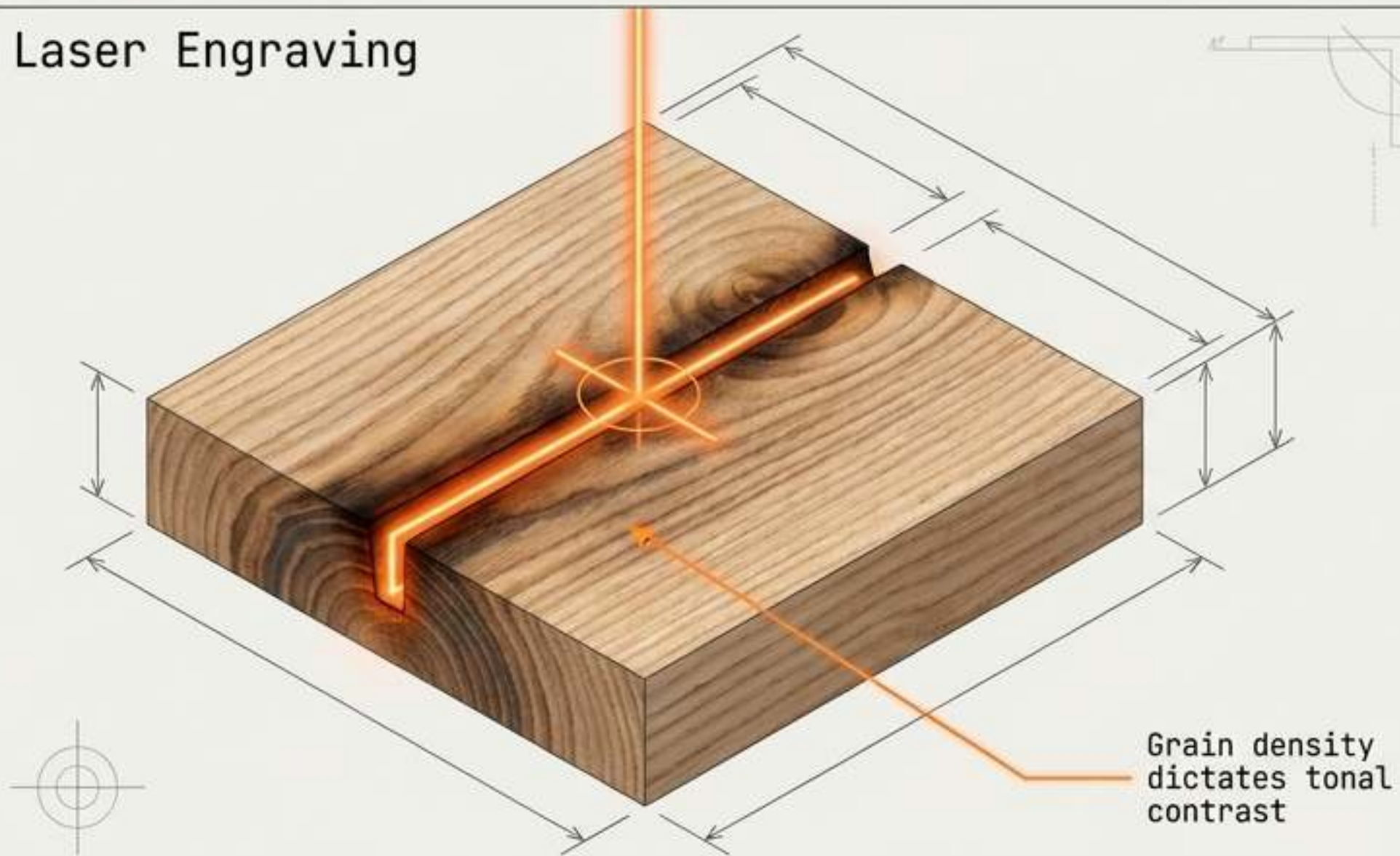
Identify and reinforce structural weaknesses before tooling begins.



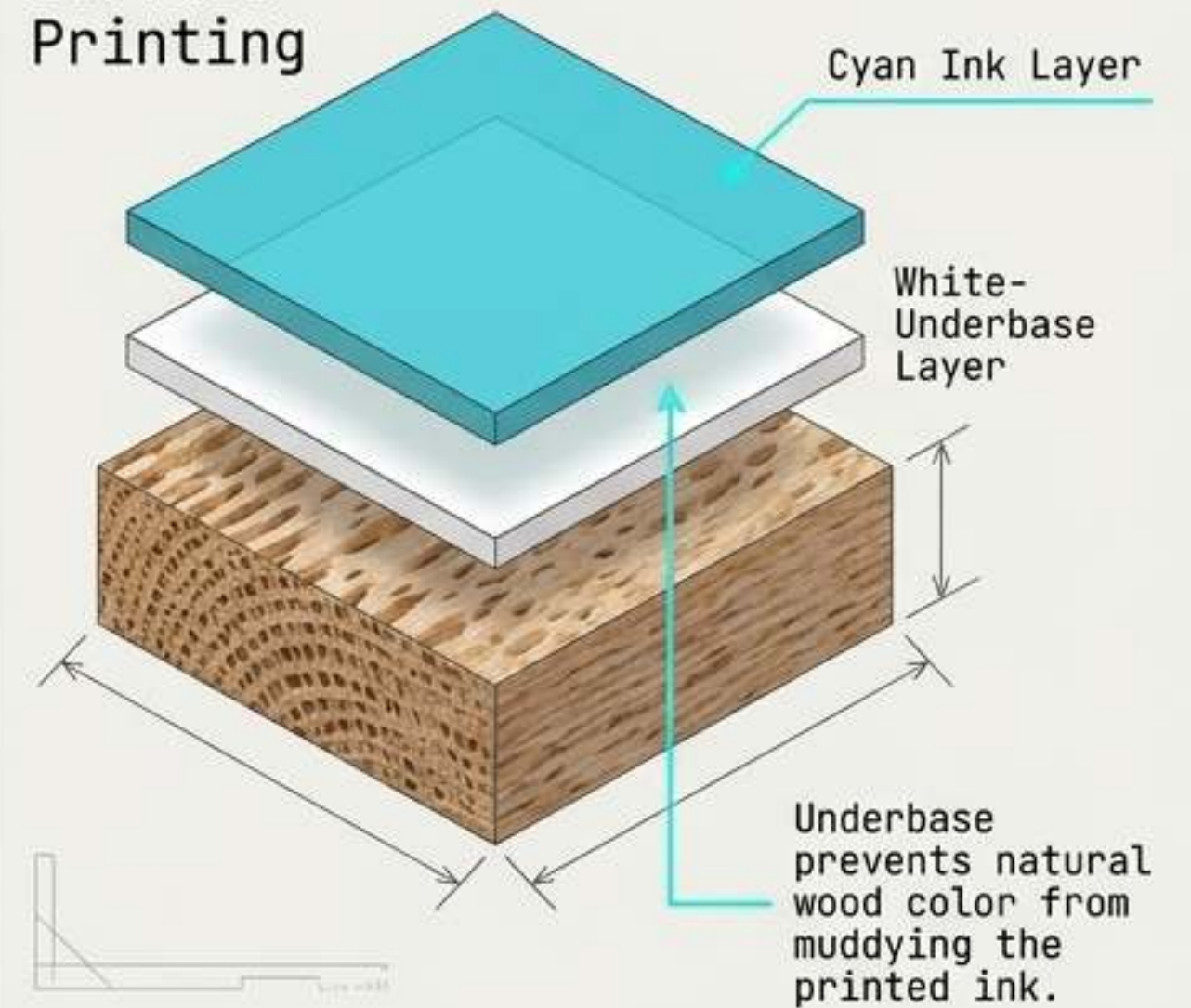
The Physics of Decoration

- Decoration includes engraving, printing, cut-through motifs, staining, or a combination.
- Evaluate how grain density alters engraving behavior and tonal consistency.
- Determine if surface printing requires preparation or a white underbase for opacity.

Laser Engraving



Surface Printing

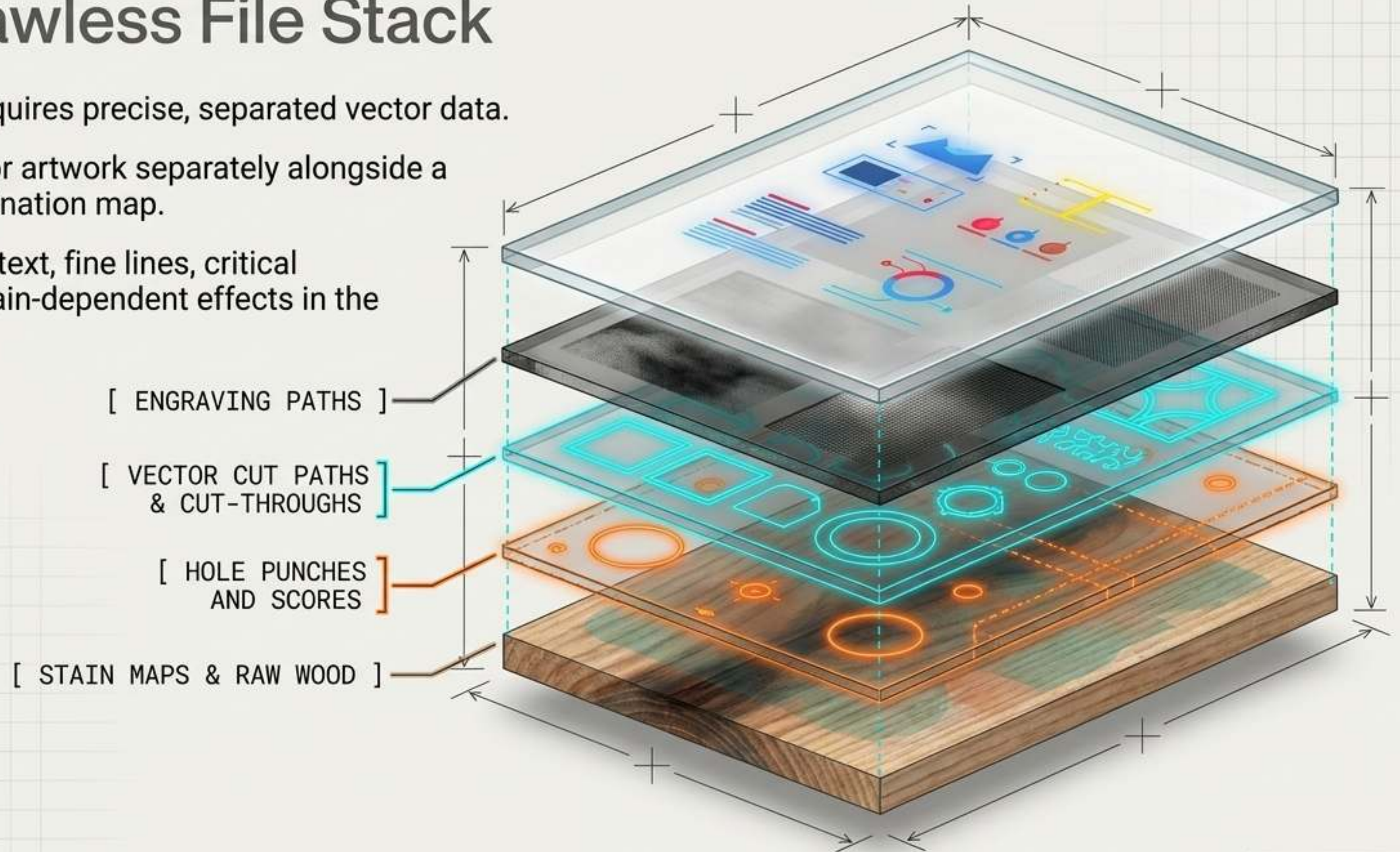


The Flawless File Stack

Production requires precise, separated vector data.

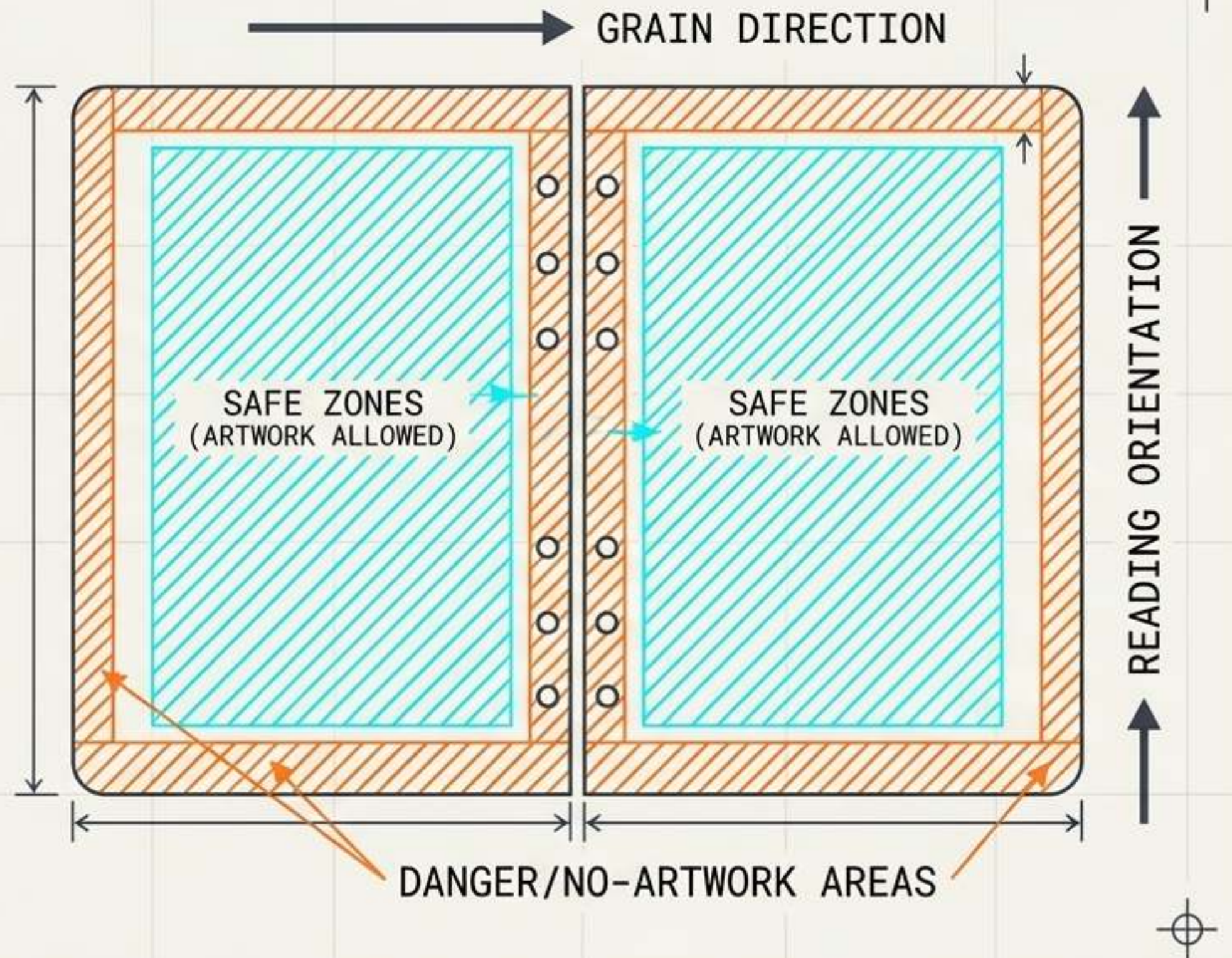
Provide interior artwork separately alongside a complete pagination map.

Identify small text, fine lines, critical colors, and grain-dependent effects in the artwork brief.



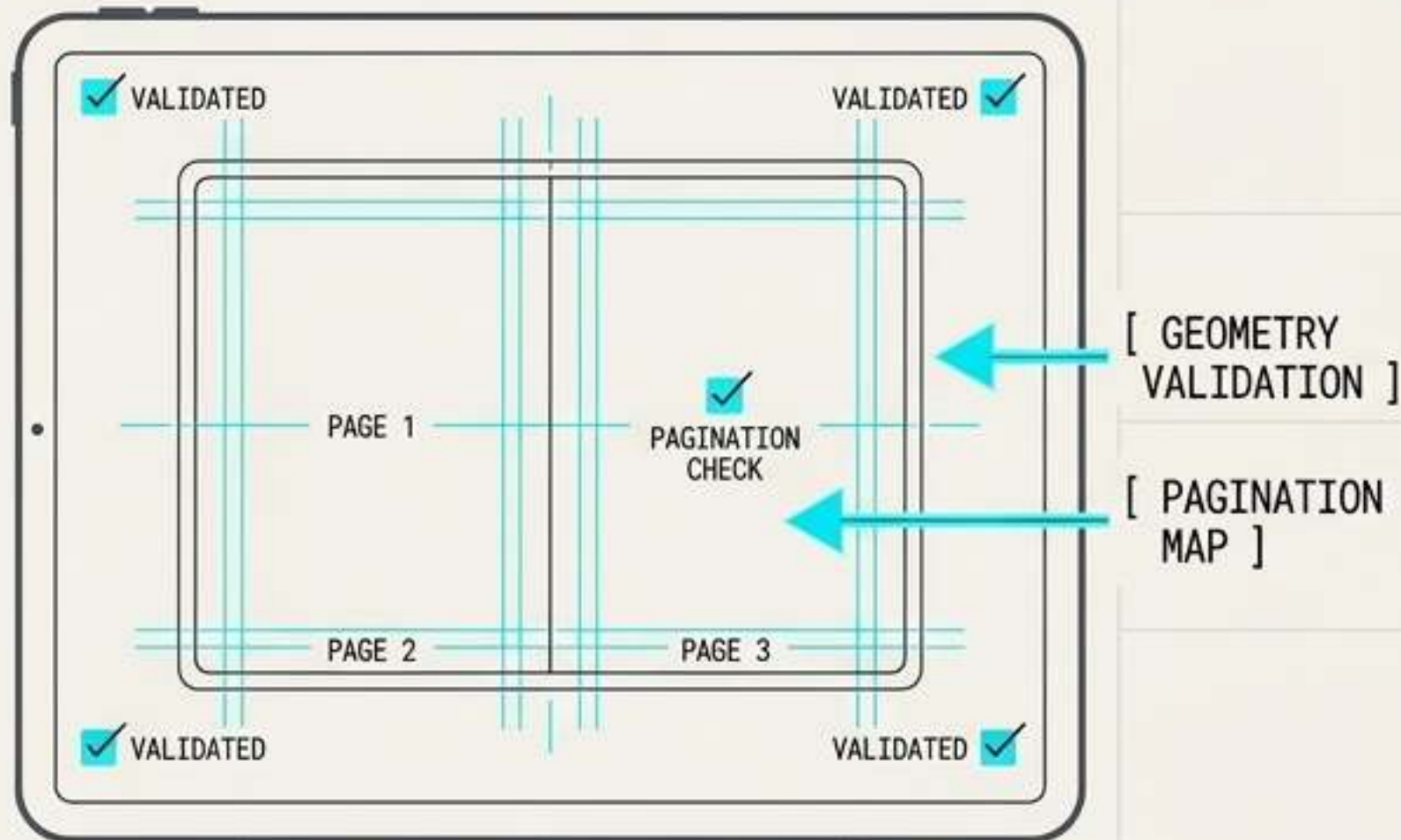
Mapping the Safe Zones

- Use a supplier-reviewed dieline to lock in geometry.
- Maintain strict safe zones around structural components.
- Explicitly mark grain direction, binding edge, and reading orientation on the master file.



Prototyping and Proofing Requirements

1. Annotated Construction Proof



Digital proofs validate geometry and pagination.

2. Physical Sample Requirement



A physical sample is non-negotiable when approval depends on engraving contrast, print opacity, edge darkness, finish, panel movement, binding operation, splinter control, or paper feel.

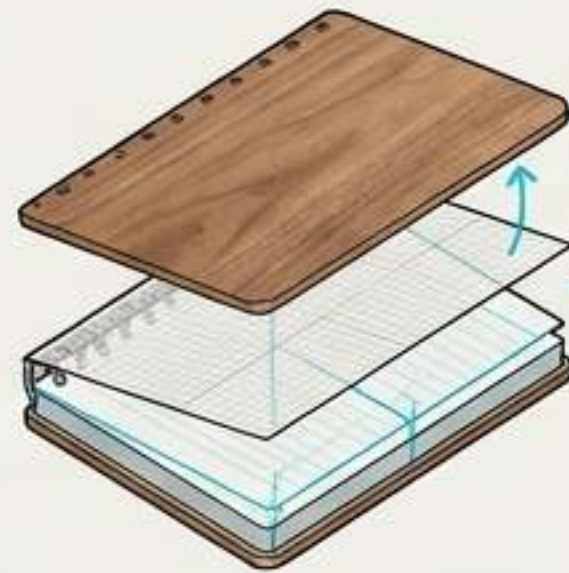
Address critical species sourcing, restricted substances, and compliance requirements during testing.

Packing Logistics and System Protection

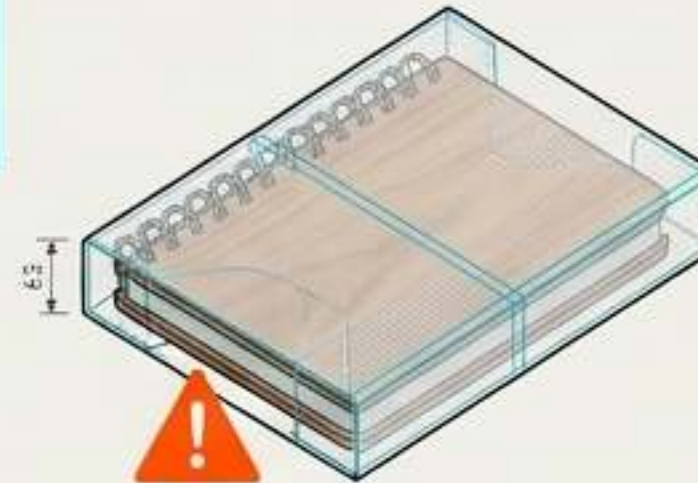
- Specify quantity by substrate finish, artwork, binding, and interior version.
- Define individual protection: interleaving, sleeves, boxes, and carton marks.
- Ask how the packing configuration explicitly protects corners, finished faces, bindings, and pages from abrasion, dents, moisture, hardware contact, or panel stress during transit.

PACKING JOURNEY

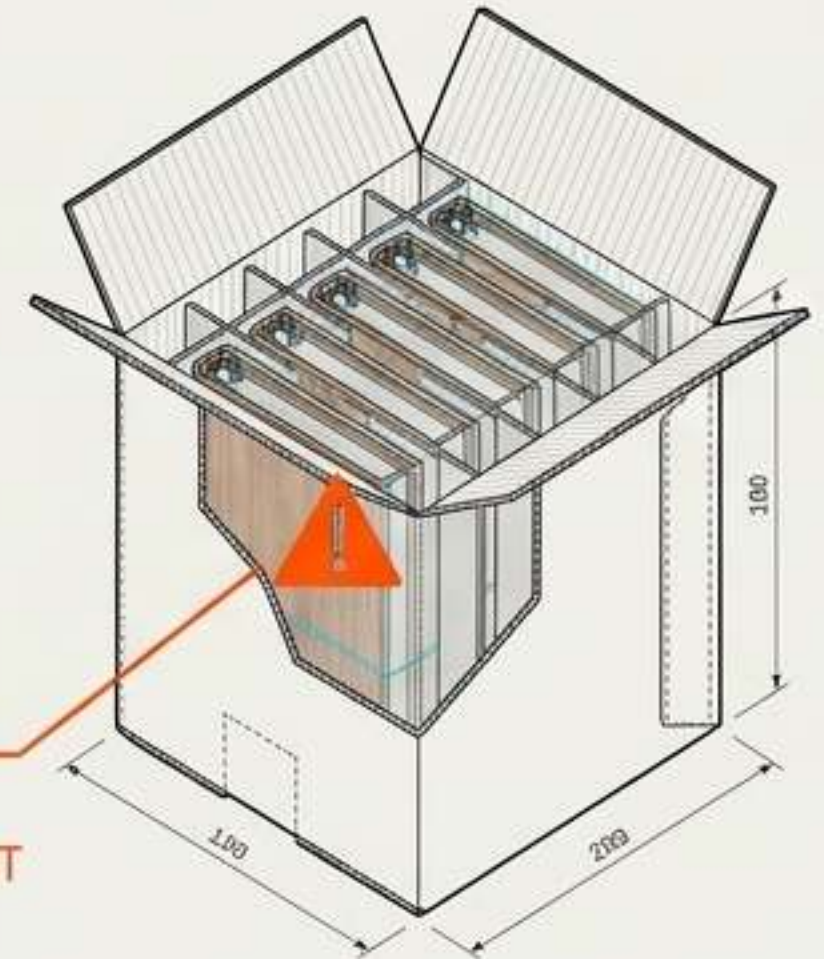
1 PROTECTIVE INTERLEAVING



2 MOISTURE/DENT SLEEVE



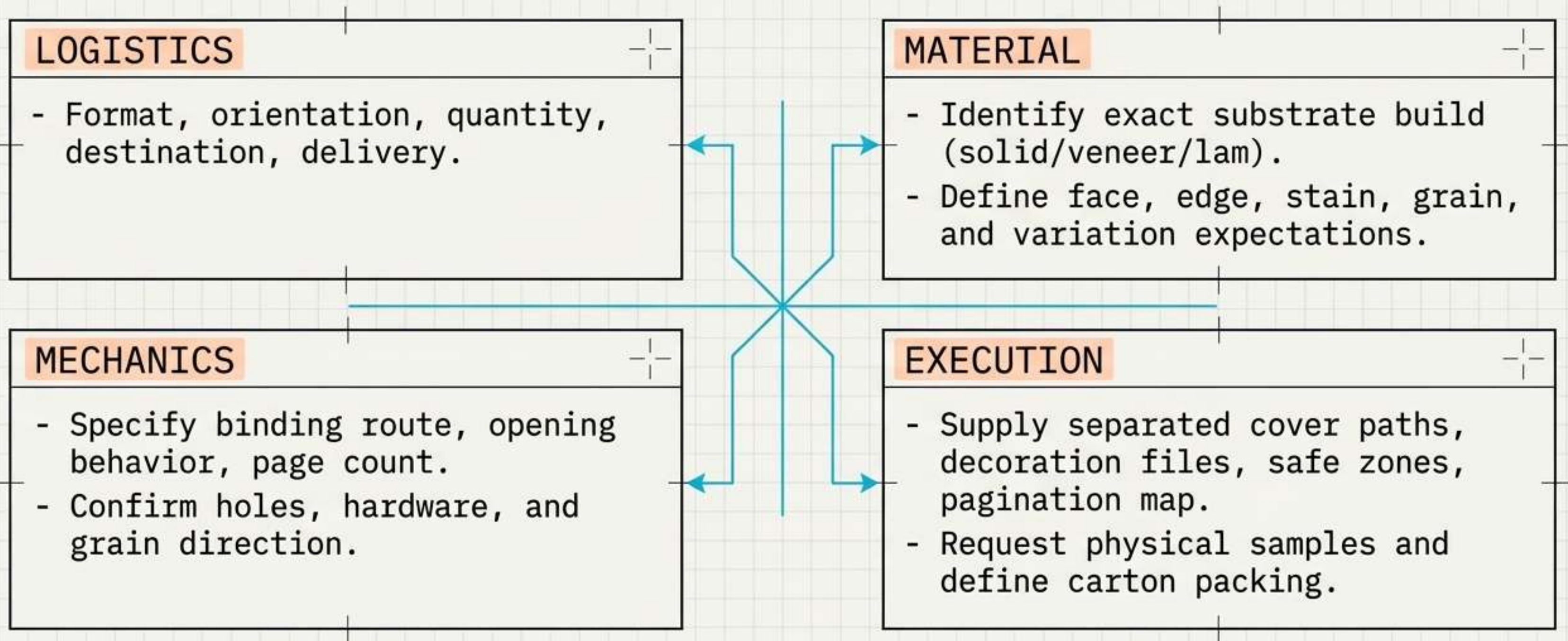
3 NESTED MASTER CARTON



PREVENT HARDWARE ABRASION TO ADJACENT WOOD PANELS

The 8-Point RFQ Architecture

Final technical and commercial commitments require quotation, artwork, and material review. Use this architecture to force precise supplier responses.



Alignment is the Only Metric for Success

A wooden notebook is a single, uncompromising physical system.

Substrate build, grain direction, edge treatment, decoration, and cover movement determine practicality. The successful specification seamlessly aligns unpredictable natural materials with precise mechanical binding and exact digital artwork.

