Rive 14

From a work tote brief to a factory consultation pack.

Demonstration project designed by Fabrup. An original model with no invented client or order. AI-generated concept; no physical bag made.

One size · one colour · body 380 × 310 × 120 mm.
Stage reached: D1 pack, documentary consistency checked.
Next: technical sewing review, cutting pattern, then first sample.

01 / The fictional brief

User. Adult commuting between office and coworking, carrying the bag over the shoulder and separating a laptop from small accessories. Understated sage canvas and navy handles; no logo or external pocket.

Reference contents. A rigid laptop envelope of 315 × 225 × 18 mm, an A5 notebook of 210 × 148 × 15 mm and a 150 × 90 × 40 mm pouch. These are selected design envelopes; no real device has been measured. “14” is a concept name, not universal compatibility with all 14-inch laptops.

Proposed acceptance criteria. Insert and remove the gauge without forcing; close the zip with the contents inside; carry over the shoulder with usual clothing; maintain a clean exterior. One padded laptop sleeve and one open inside pocket are sufficient.

Outside the claim. No waterproofing, impact protection, certified load or quantified durability claim. Intended carried mass and test protocols must be agreed with a specialist before making a performance claim.

Consultation scenario. One prototype, then comparable quotations for 100 / 300 / 500 units in one colour. These are fictional scenarios, not ordered quantities. Target cost and timeline remain open; no factory quotation has been obtained.

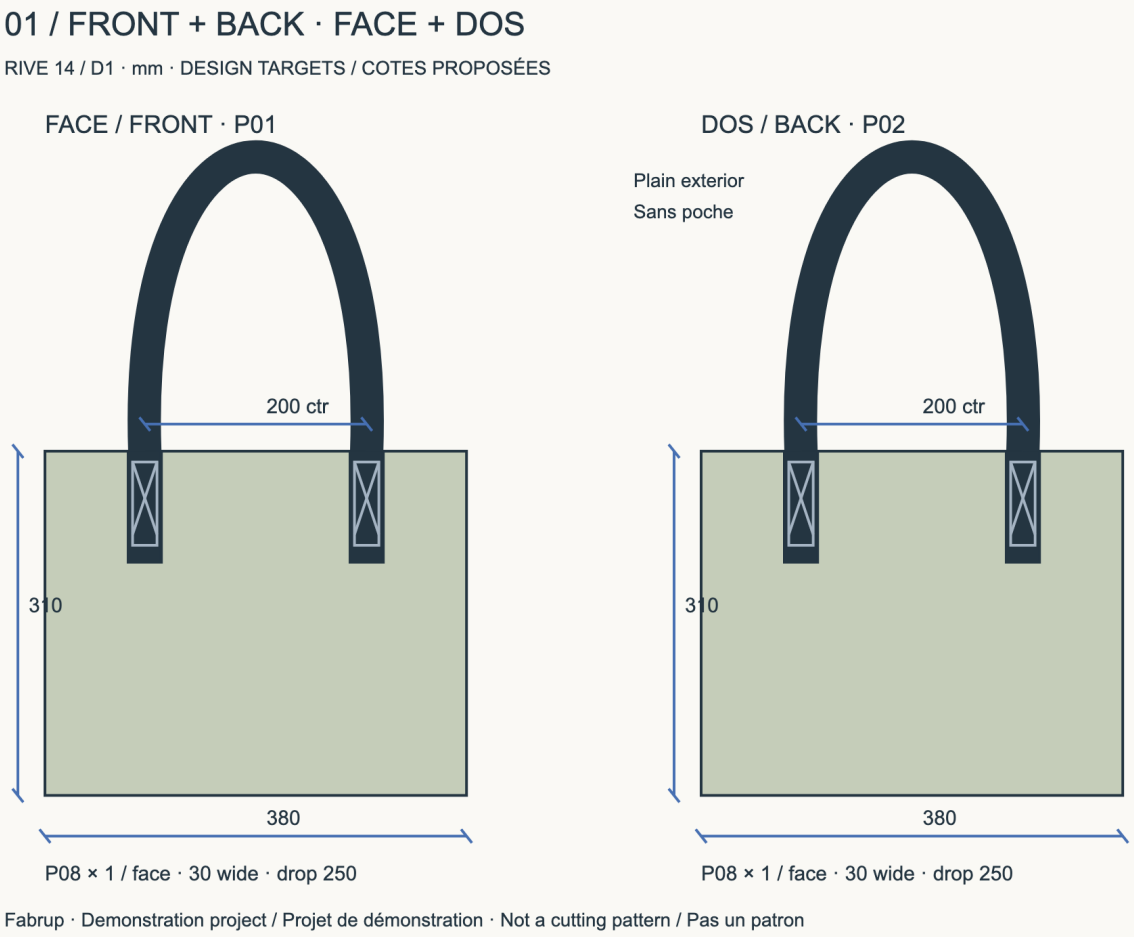
02 / Choosing a direction

A · Sand flap. Softer appearance but less direct access, additional fasteners and pieces.
B · Sage zip tote, selected. Internal storage and a simple exterior. One closure and two handles.
C · Charcoal organiser. Compartmentalised access, but more pockets and sewing operations.

Correction after exploration. AI renders do not define handle or anchor lengths. The selected drawing specifies a 250 mm drop, 200 mm centre spacing and 100 mm anchors. The exploration board keeps its variations; only the D1 specification is authoritative.

03 / Front and back

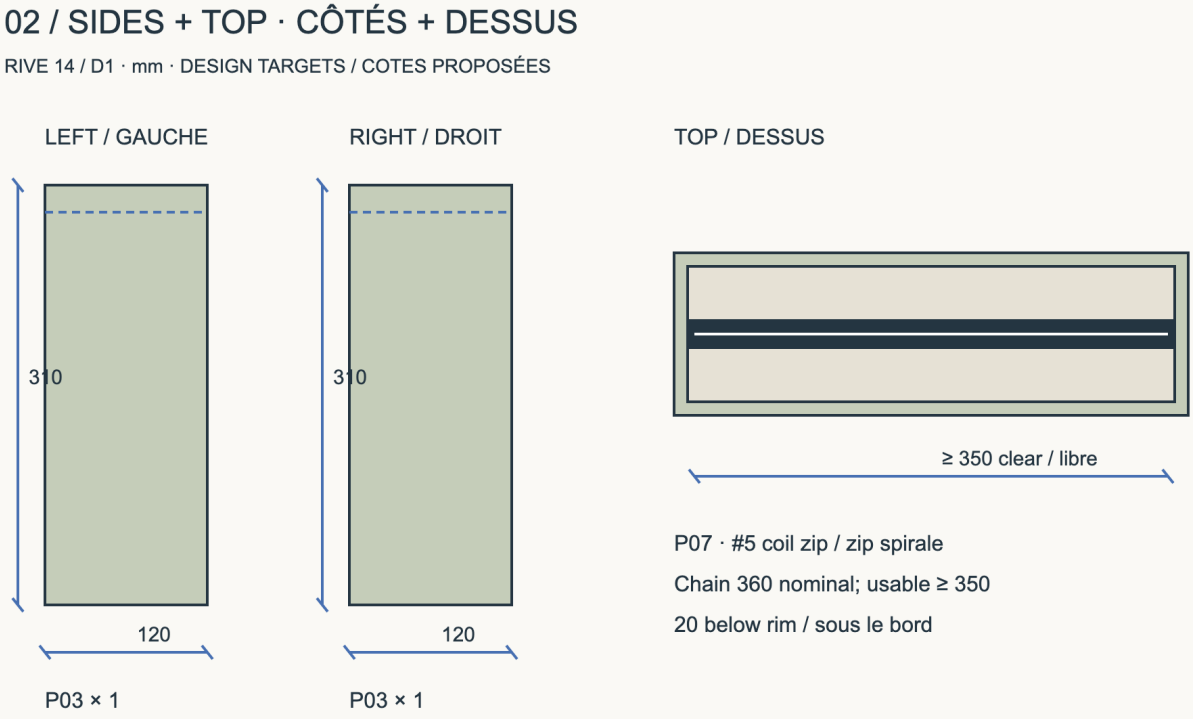
Dimensioned drawings editable as SVG; no validated cutting pattern.



Proposed finished dimensions excluding handles. Both faces have the same anchors: four reinforced ends in total. Handles are schematic; cut length depends on the drop on the physical sample.

04 / Sides and closure

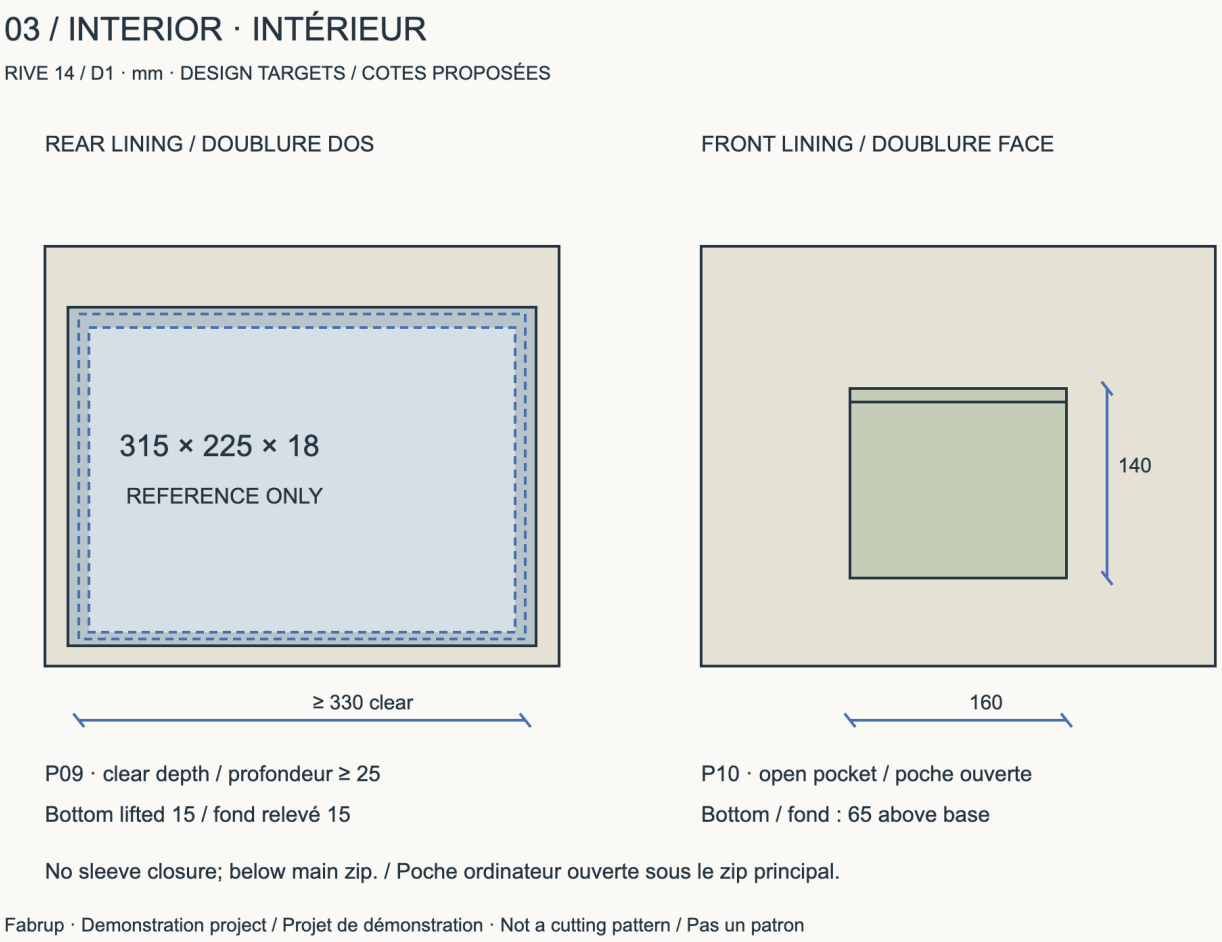
Dimensioned drawings editable as SVG; no validated cutting pattern.



A nominal 360 mm zip does not guarantee 350 mm of clear access. Confirm end stops and end construction. The body retains a nominal 120 mm depth; zip facings are recessed 20 mm.

05 / Usable interior

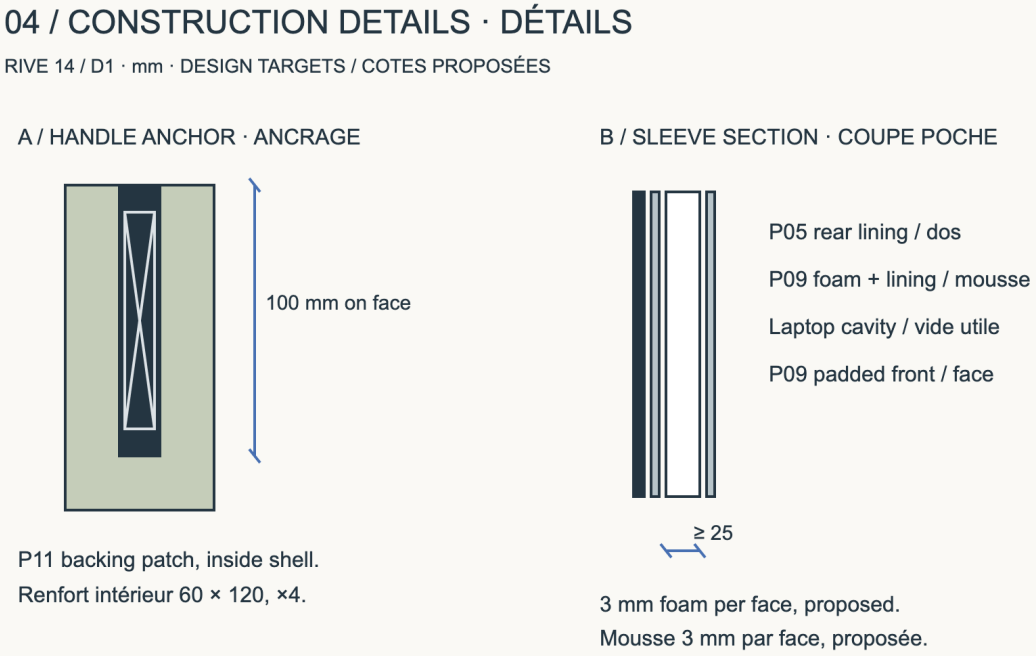
Dimensioned drawings editable as SVG; no validated cutting pattern.



The laptop sleeve is centred on the rear, with its base 15 mm above the bottom. Target exterior 346 × 250 × 35 mm; minimum cavity 330 × 240 × 25 mm. The open pocket is centred on the front lining. Usable dimensions exclude seams.

06 / Proposed construction

Dimensioned drawings editable as SVG; no validated cutting pattern.



Handles: proposed box-and-cross stitching, P11 internal backing under each anchor. A specialist must define thread, needle, stitch length, bar-tacks and test loads. Sleeve: proposed 3 mm foam per face; no validated impact protection.

07 / Measurement points

All values are proposed. Agree tolerances before making the sample.

ID	Measure	Target mm	Proposed acceptance	Method
M01	Body width / Largeur	380	±5 proposed	Flat empty, seam to seam at mid-height
M02	Body height / Hauteur	310	±5 proposed	Base seam to rim, centre face
M03	Body depth / Profondeur	120	±5 proposed	Base side seam to seam
M04	Zip clear / Ouverture utile	350 minimum	No negative tolerance	Between obstacles with zip fully open
M05	Sleeve clear / Vide poche	330 × 240 × 25 minimum	No negative tolerance	Rigid gauge; exclude seams and foam
M06	Handle drop / Tombant	250	±10 proposed	Rim to underside of handle at apex
M07	Anchor length / Ancrage	100	±3 proposed	Top rim to strap end on shell
M08	Laptop reference / Gabarit	315 × 225 × 18	Design reference	No device physically measured
M09	Inside clear / Volume utile	360 × 275 × 100 minimum	No negative tolerance	Below zip; before sleeve volume deducted

08 / Parts and components

Consultation BOM, not a material cutting list. No materials purchased.

ID	Qty / Qté	Part / Pièce	Finished target mm / Cible finie	Proposed material / Matière proposée
P01/P02	2	Shell front / back · Face / dos	380 × 310 finished each	Cotton canvas 350 g/m² proposed; sage
P03	2	Side gussets · Côtés	120 × 310 finished each	Same canvas; grain vertical proposed
P04	1	Base · Fond	380 × 120 finished	Same canvas; no feet or rigid insert
P05	1	Body lining · Doublure	Fit shell; ≥ 360 × 275 × 100 clear	Polyester plain weave 150 g/m² proposed; sand
P06	2	Recessed zip facings · Parementures	Pattern by maker; zip 20 below rim	Same canvas; bound internal edges
P07	1	Main zip · Zip principal	360 chain nominal; ≥ 350 clear	Navy #5 coil, closed end, single pull
P08	2	Handle loops · Anses	30 wide; 250 drop; 100 anchors	Navy polyester webbing; cut length by sample
P09	1	Laptop sleeve · Poche ordinateur	346 × 250 × 35 outer target	Lining + 3 mm foam front/rear; clear ≥ 330 × 240 × 25
P10	1	Open pocket · Poche intérieure	160 × 140 finished; base +65	Lining; top double turned, allowances by maker
P11	4	Anchor backing · Renfort anse	60 × 120 proposed	Canvas inside shell behind each strap end
P12	TBD	Thread + binding · Fil + biais	Consumption from final pattern	Polyester thread; matching colours; maker proposal

09 / Assembly sequence

1. Review materials and bulk with the maker. Confirm colour using physical swatches; render RGB is not a textile standard.

2. Prepare shell panels. Attach P11 and P08 anchors before closing and lining. Sew sides and base; review corners, seam allowances and grain on the pattern.

3. Sew P10 to the front lining. Build P09 around the usable cavity, then attach it to the rear lining with suitable reinforcement. Review load transfer: lining alone may be insufficient.

4. Prepare P06/P07, with the zip recessed 20 mm. Check clear opening and ends before closing the lining. Provide a turning opening and clean interior finishing.

5. Measure the finished sample empty, filled and worn. Record deviations, correct the pattern and revise the pack before any production decision.

For the pattern maker. Seam allowances, flat patterns, accumulated bulk, handle cut length, corners and joins, exact sleeve gusset construction. Finished rectangles must not be used as cutting pieces.

10 / Factory consultation

Question	Common request	Factory response	Deviation / evidence
Scope	RIVE 14 D1; one size and colour; quote prototype + 100/300/500 units as scenarios, not orders	À remplir / Pending	
Construction	Review sleeve cavity, zip end stops, corners, anchor reinforcement; mark corrections	À remplir / Pending	
Pattern	Quote cutting pattern separately; ownership, format and revision included?	À remplir / Pending	
Materials	Composition, weight, thickness, source and colour sample; substitutions explicit	À remplir / Pending	
Costs	Currency, Incoterm and named place, exclusions, tooling, samples, revision and packing separate	À remplir / Pending	
Timing	Prototype and production lead times; starting event; dependencies	À remplir / Pending	
Quality	Confirm measurement methods, tolerances and sample control protocol before manufacture	À remplir / Pending	
Requirements	Identify target-market material/compliance evidence required with qualified reviewer	À remplir / Pending	
Response	Reference D1; list every deviation; no silent substitutions	À remplir / Pending	

11 / First sample

Check	Protocol to agree	Expected design target	Actual result
Dimensions	Measure empty bag at points M01-M09	As measurements.csv	NOT TESTED
Laptop access	Insert and remove rigid 315 × 225 × 18 gauge through zip and sleeve	No forcing; main zip closes	NOT TESTED
Load layout	Gauge + A5 notebook 210 × 148 × 15 + pouch 150 × 90 × 40	Fit together; zip closes	NOT TESTED
Handle comfort	Wear over shoulder with intended clothing	User accepts clearance and comfort	NOT TESTED
Seams and anchors	Inspect inside and outside; agree load/cycle protocol with specialist	No visible damage; strength not yet validated	NOT TESTED
Zip operation	Agree cycle count; test with intended contents	No snagging; record resistance	NOT TESTED
Colour and transfer	Compare approved swatches; define rubbing test with specialist	Agreed appearance and transfer criteria	NOT TESTED
Foam and durability	Agree drop/abrasion protocol if protection claim desired	No protection claim without evidence	NOT TESTED

12 / Critical review and next step

Checked through documentary calculations. Zip access: 350 − 315 = 35 mm. Sleeve: 330 − 315 = 15 mm width, 240 − 225 = 15 mm height, 25 − 18 = 7 mm thickness. Sleeve top: 15 + 250 = 265 mm; below zip: 310 − 20 = 290 mm; vertical gap 25 mm. Nominal remaining depth: 100 − 35 = 65 mm.

Corrections and decisions. Compatibility defined by an envelope, not a diagonal. Zip length distinguished from clear opening. Usable dimensions separated from finished dimensions; bulk and seams not treated as free volume. Rendered anchors superseded by one dimensioned reference.

Still open. Three-dimensional access with contents, accumulated tolerances, anchor and laptop support strength, comfort, actual weave and colours, pattern and tests. No specialist or manufacturer has reviewed this pack at this stage. All physical inspection fields remain untested.

Files. spec.json records dimensions; build.py generates SVG drawings and CSV tables; make-pdf.py assembles both PDFs after rendering the sheets. Supplied formats: SVG, CSV, JSON, Python and PNG. No native Illustrator file or DXF pattern.

Next decision. Obtain a construction review and quotes for pattern making and one sample before manufacturing. This pack demonstrates AI-assisted documentation; it demonstrates neither industrial validation nor commercial profitability.