

METAL ROOF MATERIAL ORDER

Kevin Collins · 1407 N 6th St, Coeur d'Alene, ID 83814

COMPLETE — READY TO SEND

INSTALLED PANELS 46 one per drawn strip in the field layout	BLANKS ORDERED 46 no spares — 4 field rips from their own blanks	ORDERED FOOTAGE 551.00 LF 14 cut lengths, whole-inch, cut to length	ROOF AREA 1,402 SF five sections, field-verified main runs	PANEL WEIGHT 2,224 lb approx. — confirm on acknowledgment
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SPECIFICATION

PANEL SYSTEM	Ibex PBR — 36 in net coverage, 1-1/4 in rib, exposed fastener
MATERIAL	24 ga prefinished steel, PVDF — per the signed contract
COLOR	MEDIUM BRONZE — physical 24 ga chip ships with the acknowledgment; customer signs the chip before the coil run (A1)
LENGTH RULE	measured run rounded UP to the whole inch + 6 in projection at eaves and the pitch-break lap; factory edge sets at the eave, excess trims at the panel top under trim
CUT BASIS	main-roof runs tape-verified on site 2026-07-24 — 17'-0" both slopes, within half an inch of the order
TRIM BASIS	site-inspection edge report (passes the perimeter check); every stick count derived per physical run

PARTIES

SUPPLIER Ibex Metal 280 Great Northern Rd, Bonners Ferry, ID 83805 info@ibexmetal.com · (208) 565-3002	ORDERED BY Ketron Roofing Mitch Ketron mitch@ketronroofing.com (208) 487-6638	PROJECT Kevin Collins 1407 N 6th St, Coeur d'Alene, ID 83814 Phase 2 of a signed two-phase re-roof; fabrication runs inside the owner's patio-build window
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WHAT WE NEED BACK WITH YOUR ACKNOWLEDGMENT Pricing and lead time; one physical 24 ga Medium Bronze chip; and answers to the seven confirmation lines (A1–A7) on the order form. The cut schedule is final — main-roof lengths are tape-verified on site.
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IBEX METAL — MATERIAL ORDER FORM

For quotation and fabrication scheduling · cut-to-length, non-returnable · quantities derive from the cut and trim schedules in this packet

ITEM	SPECIFICATION	QTY	TOTAL
PBR roof panels — cut to length	24 ga PVDF · 36 in net coverage · 1-1/4 in rib · MEDIUM BRONZE	46 blanks	551.00 LF
Cut schedule	14 length groups, page 3; longest 17'-07" single piece (A3)	14 groups	46 blanks

TRIM AND FABRICATION — quantities derived per run (page 11)

Custom oversized D-style eave / drip edge	7	10'	Color matched. Carries the contracted 6-in panel projection. Fabricate per KR-COL-ED-01 Rev B; two brake angles (4/12 porch, 8/12 main) — see drawing.
Custom D-style profile — gable bearing shelf (Approach B)	8	10'	Same custom profile, run up the four main gable rakes as the bearing shelf for the 6-in gable overhang (contract Approach B, included in base price).
PBR gable / rake trim	12	10'	Color matched. Caps every rake, over the gable shelf at the main gables. Covers the field-rip cut edges on the porch roof and upper face.
Vented ridge cap	5	10'	Vented at the 21'-6" main ridge; the two 8'-2" corner ridges cap SOLID (no vent). NFA on the acknowledgment (A7).
Hip cap	2	10'	Color matched. Non-vented.
Ibex 02B Jumbo Valley (W-valley)	4	10'	Center diverter; 12-in minimum lap; butyl both sides of the diverter.
Ibex 04B Jumbo Pitch Break	3	10'	Transition trim between the porch (4/12) and the upper face (11/12). Angle on the order (A6); field template supplied before forming.
PBR rat guard / eave closure	7	10'	Color matched / profile matched. Butt joints, no lap.

SUPPLIER CONFIRMATIONS — answer with the order acknowledgment

A1	Coil & color	Confirm 24 ga PVDF PBR in Medium Bronze is a produced combination, with steel grade (50 vs 80) and lead time. Ship one physical 24 ga chip with the acknowledgment for customer sign-off before the coil run.
A2	Fastening spec	Provide in writing: fastener row spacing for a solid deck at Coeur d'Alene design loads, screw type/gauge/length, minimum embedment, and the panel base metal (Galvalume vs G90) for fastener compatibility. Quantities on this order are computed at 24 in o.c. rows + doubled eave/ridge rows and are sufficient for any published pattern down to 16 in o.c.
A3	Single-piece lengths	Confirm the longest blank on this order (17'-07") ships as one piece. No endlaps are planned on this roof.
A4	Rib height	Confirm PBR rib height as produced (spec sheet says 1-3/16 in, catalog says 1-1/4 in) so closures and trim fit as ordered.
A5	Drip-edge blank	KR-COL-ED-01 Rev B girth sums to 10-1/4 in. If a 10 in stock slit width is preferred, reduce the face from 3-1/4 in to 3 in and note it on the acknowledgment — either is accepted. Confirm max hemmed piece length ≥ 10 ft.
A6	Pitch-break angle	Form the 04B Jumbo Pitch Break for a 4/12 lower / 11/12 upper transition (included angle ≈ 156°). Ketron will supply a field template with the Phase-2 confirmation call before forming.
A7	Vented ridge NFA	State the net free area of the supplied ridge vent material so intake balance can be documented at install.

GROUPED PANEL CUT SCHEDULE

46 blanks in 14 whole-inch lengths, longest first · each length already includes the 6-in projection where its panels meet an eave or the pitch-break lap

CUT LENGTH	QTY	TOTAL LF	WEIGHT LB*	SECTIONS	PANELS PRODUCED	LENGTH BAR
17'-07"	7	123.08	497	S2	D03, D04, D05, D06, D07, D08, D09	
17'-06"	7	122.50	494	S1	E01, E02, E03, E04, E05, E06, E07	
16'-04"	1	16.33	66	S3	I06	
14'-02"	1	14.17	57	S3	I07	
14'-01"	1	14.08	57	S3	I05	
12'-11"	1	12.92	52	S2	D01	
12'-10"	1	12.83	52	S1	E08	
10'-05"	11	114.58	462	S5	H01, H02, H03, H04, H05, H06, H07, H08, H09, H10, H11	
9'-10"	2	19.67	79	S3	I04, I08	
9'-09"	2	19.50	79	S4	J01, J06	
8'-07"	6	51.50	208	S3	I01, I02, I03, I09, I10, I11	
6'-05"	2	12.83	52	S4	J02, J05	
5'-05"	2	10.83	44	S1+S2	D02, E09	
3'-01"	2	6.17	25	S4	J03, J04	

TOTAL 46 blanks · 551.00 LF · ≈ 2,224 lb

* approx., 24 ga on a 41.75-in coil — confirm on acknowledgment (A1)

WHY THE COUNTS ARE TRUSTWORTHY

One fabrication length per section run (the v1 draft split identical 17'-0" runs across two lengths — corrected). Whole-inch round-up only; the 36-in minimum never binds (shortest run 37 in). Main-roof runs tape-verified on site to within half an inch.

NO ENDLAPS ON THIS JOB

Longest blank 17'-07" ships as ONE piece (confirmation A3). Panel tops run long and trim under ridge / hip / pitch-break trim; the eave end is always the factory edge.

KEYPLAN & SECTION INDEX

Five sections, plain names. The letter in each panel ID is the takeoff layer cross-reference (S1 panels are E-numbers, and so on).



SECT	NAME	PITCH	PANELS	LF	AREA SF
S1	Main Roof — Left Slope	8/12	9	140.8	386
S2	Main Roof — Right Slope	8/12	9	141.4	387
S3	Front Upper Face (11/12)	11/12	11	115.8	267
S4	Front Corner Returns (9/12)	9/12	6	38.5	84
S5	Porch Roof (4/12)	4/12	11	114.6	278
ALL	Whole roof		46	551.0	1,402

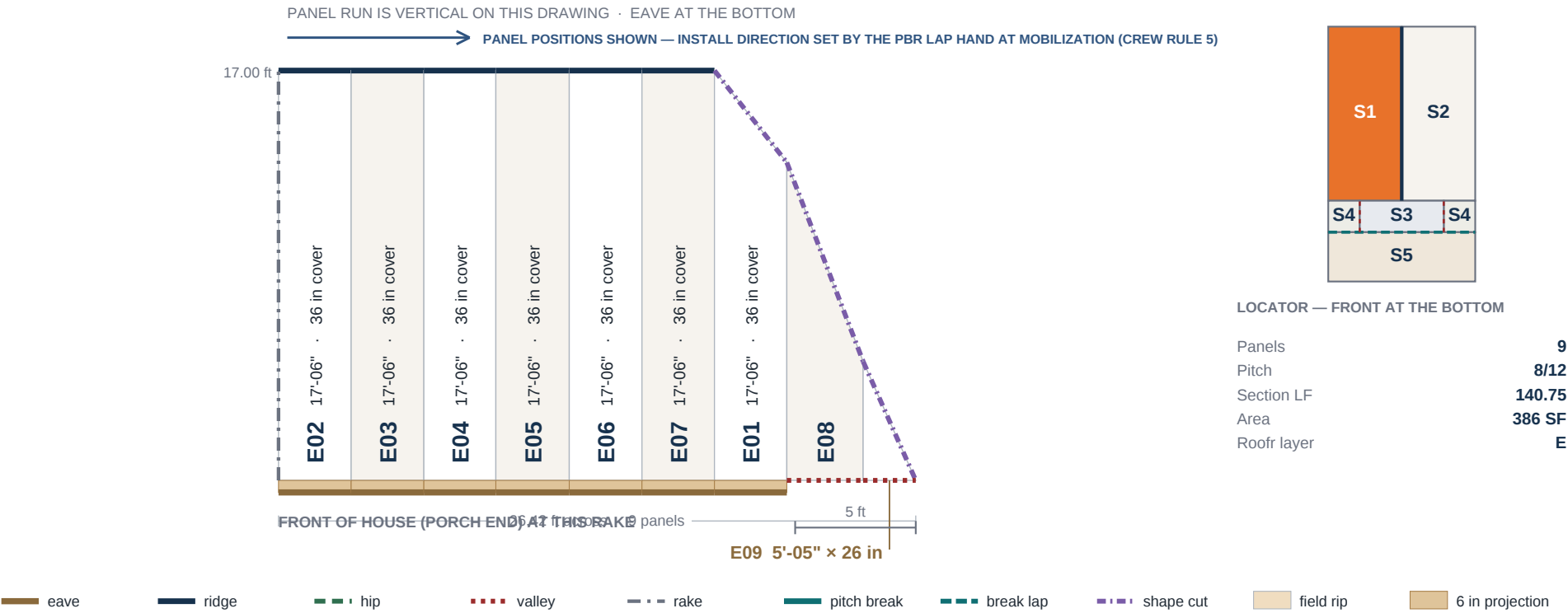
- S1 Big 8/12 gable slope left of the ridge, facing the house from the street
- S2 Big 8/12 gable slope right of the ridge
- S3 Steep face above the porch roof, between the two corner returns
- S4 Two small corner planes flanking the upper face, 3 panels each
- S5 Full-width low-slope porch roof across the front, below the pitch break

MEASUREMENT BASIS, ONE SENTENCE EACH

Panels: the hand-drawn 46-strip layout, main runs tape-verified on site 2026-07-24. Trim: the site-inspection edge report, which passes the perimeter check (page 16). One roof, two drawings, each used for what it is good at.

S1 · MAIN ROOF — LEFT SLOPE

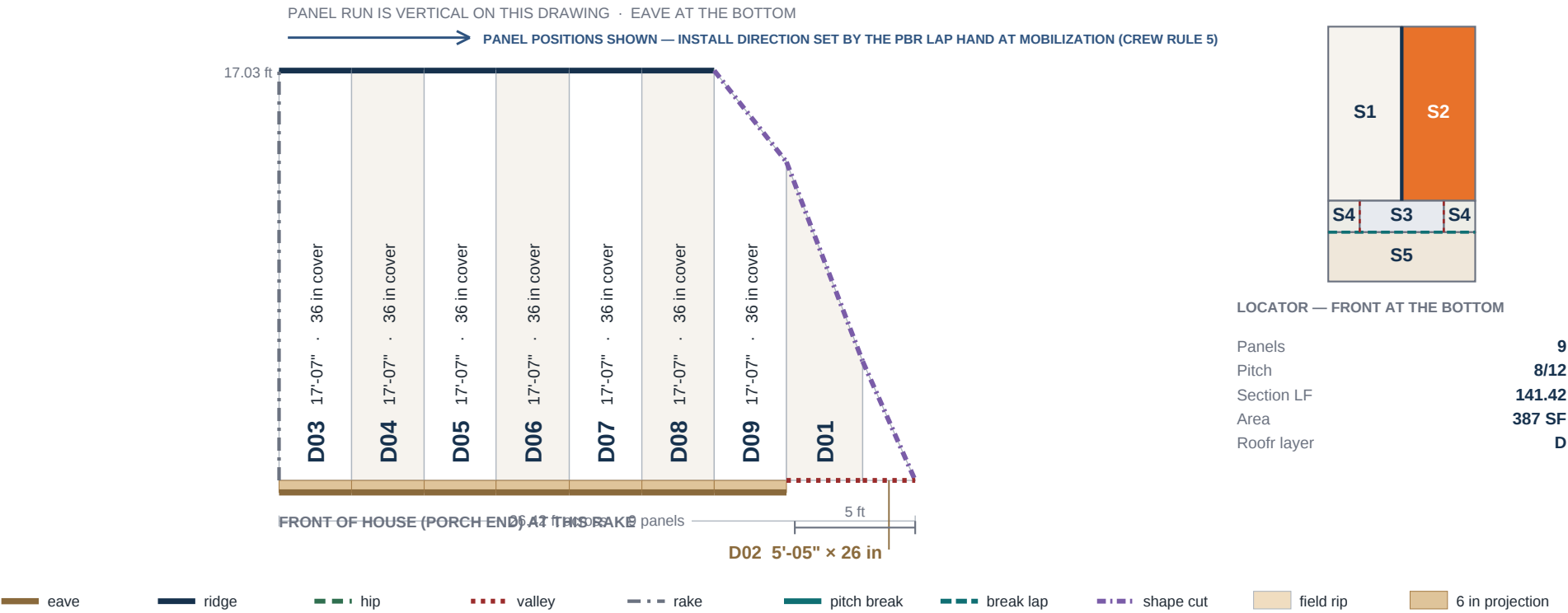
Big 8/12 gable slope left of the ridge, facing the house from the street · pitch 8/12 · 9 panels · panel run vertical, bottom edge at the bottom of the drawing



#	PANEL	ORDER LENGTH	COVER IN	TOP CUT	BOTTOM	BLANK	AREA SF
1	E02	17'-06"	36.0	Ridge	Eave	FULL	51.2
2	E03	17'-06"	36.0	Ridge	Eave	FULL	51.2
3	E04	17'-06"	35.8	Ridge	Eave	FULL	50.7
4	E05	17'-06"	36.0	Ridge	Eave	FULL	51.7
5	E06	17'-06"	36.0	Ridge	Eave	FULL	51.2
6	E07	17'-06"	36.0	Ridge	Eave	FULL	51.1
7	E01	17'-06"	36.0	Shape Cut	Eave	FULL	45.9
8	E08	12'-10"	36.0	Shape Cut	Valley	FULL	27.4
9	E09	5'-05"	26.2	Shape Cut	Valley	FULL	5.9

S2 · MAIN ROOF — RIGHT SLOPE

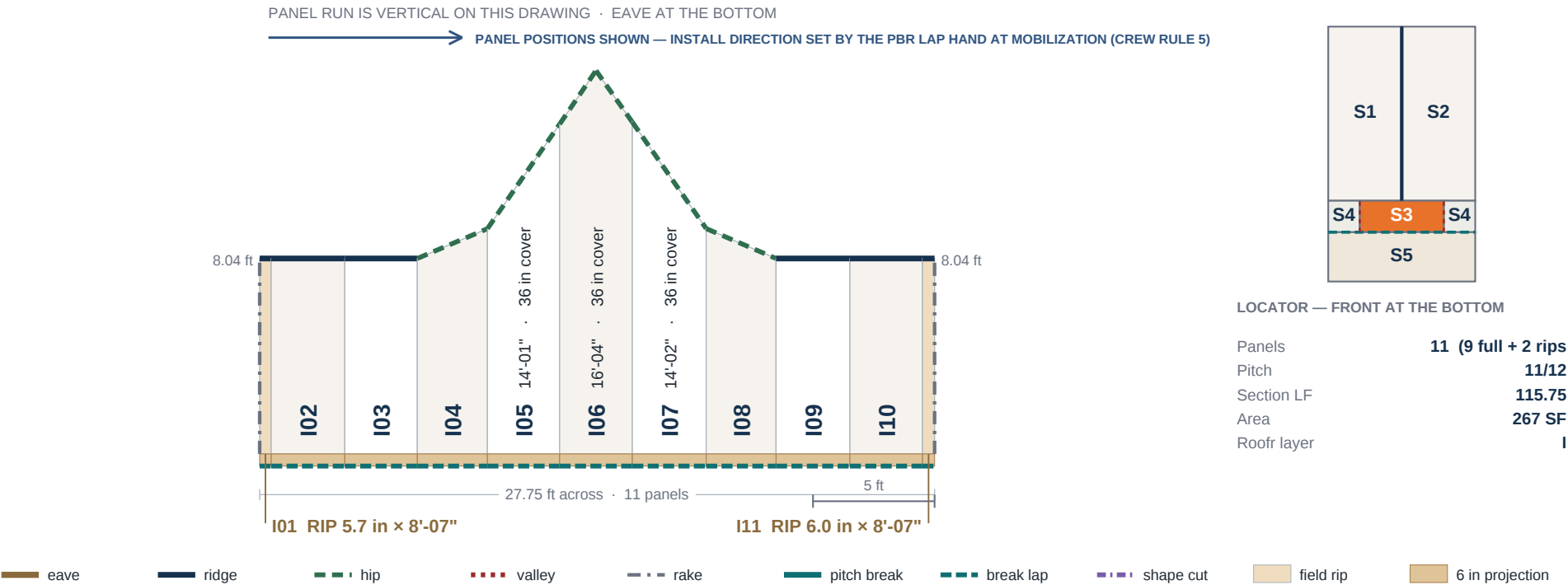
Big 8/12 gable slope right of the ridge · pitch 8/12 · 9 panels · panel run vertical, bottom edge at the bottom of the drawing



#	PANEL	ORDER LENGTH	COVER IN	TOP CUT	BOTTOM	BLANK	AREA SF
1	D03	17'-07"	36.0	Ridge	Eave	FULL	51.3
2	D04	17'-07"	36.0	Ridge	Eave	FULL	51.3
3	D05	17'-07"	35.8	Ridge	Eave	FULL	50.8
4	D06	17'-07"	36.0	Ridge	Eave	FULL	51.8
5	D07	17'-07"	36.0	Ridge	Eave	FULL	51.3
6	D08	17'-07"	36.0	Ridge	Eave	FULL	51.2
7	D09	17'-07"	36.0	Shape Cut	Eave	FULL	46.0
8	D01	12'-11"	36.0	Shape Cut	Valley	FULL	27.4
9	D02	5'-05"	26.2	Shape Cut	Valley	FULL	5.9

S3 · FRONT UPPER FACE (11/12)

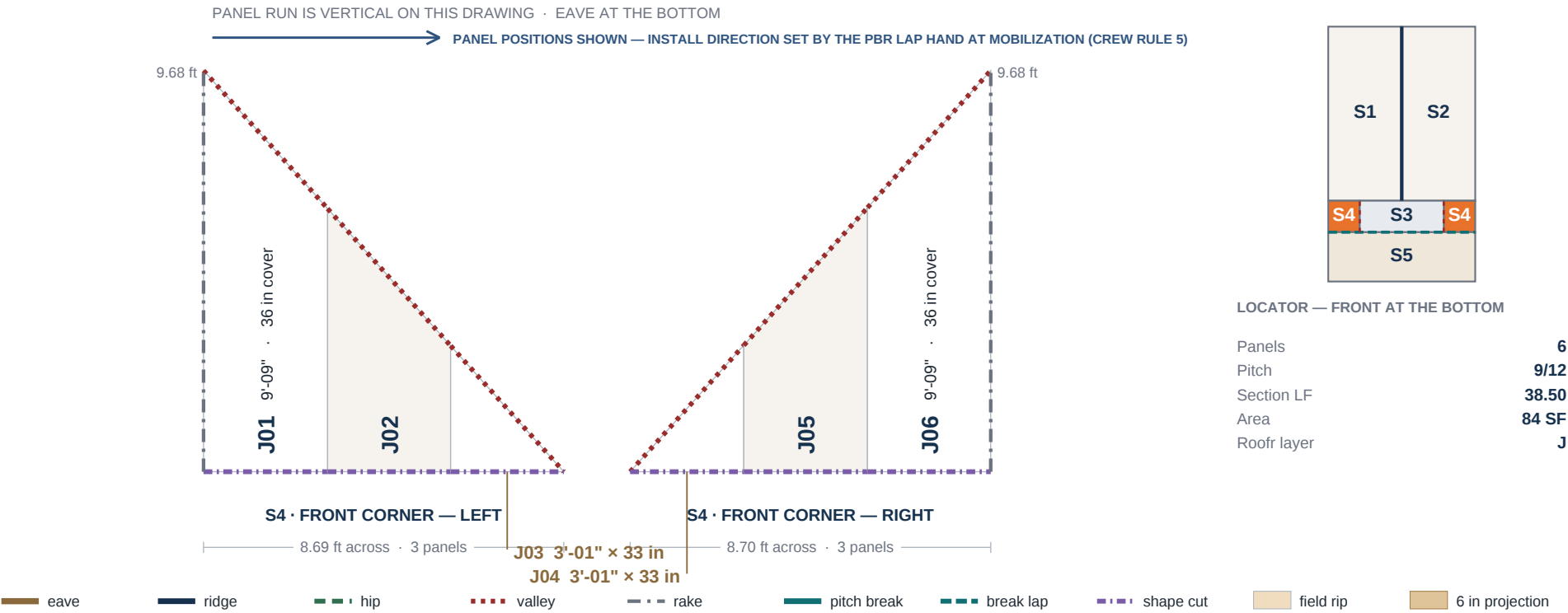
Steep face above the porch roof, between the two corner returns · pitch 11/12 · 11 panels · panel run vertical, bottom edge at the bottom of the drawing



#	PANEL	ORDER LENGTH	COVER IN	TOP CUT	BOTTOM	BLANK	AREA SF
1	I01	8'-07"	5.7	Ridge	Break Lap	FIELD RIP	3.8
2	I02	8'-07"	36.0	Ridge	Break Lap	FULL	24.3
3	I03	8'-07"	35.8	Ridge	Break Lap	FULL	24.0
4	I04	9'-10"	34.6	Hip	Break Lap	FULL	24.9
5	I05	14'-01"	35.6	Hip	Break Lap	FULL	33.9
6	I06	16'-04"	35.9	Hip	Break Lap	FULL	43.8
7	I07	14'-02"	36.0	Hip	Break Lap	FULL	34.8
8	I08	9'-10"	34.5	Hip	Break Lap	FULL	24.9
9	I09	8'-07"	36.0	Ridge	Break Lap	FULL	24.4
10	I10	8'-07"	35.8	Ridge	Break Lap	FULL	24.0
11	I11	8'-07"	6.0	Ridge	Break Lap	FIELD RIP	4.0

S4 · FRONT CORNER RETURNS (9/12)

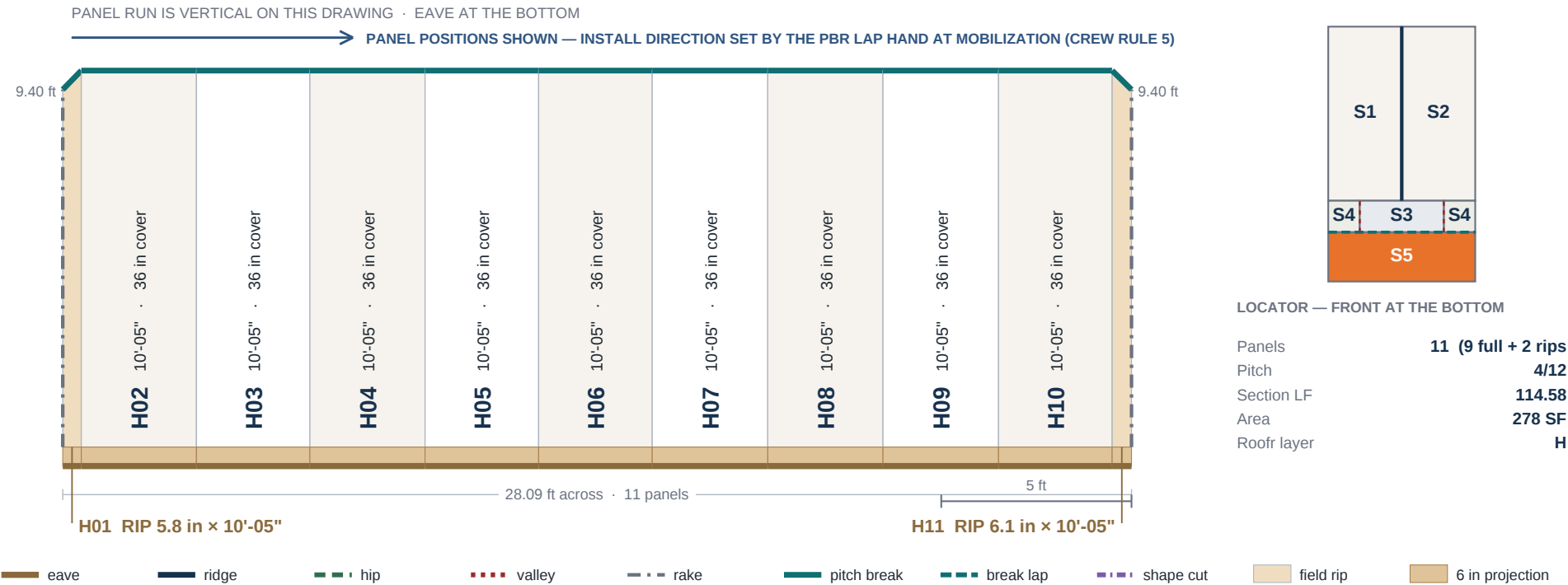
Two small corner planes flanking the upper face, 3 panels each · pitch 9/12 · 6 panels · panel run vertical, bottom edge at the bottom of the drawing



#	PANEL	ORDER LENGTH	COVER IN	TOP CUT	BOTTOM	BLANK	AREA SF
1	J01	9'-09"	35.9	Valley	Shape Cut	FULL	24.0
2	J02	6'-05"	35.6	Valley	Shape Cut	FULL	13.9
3	J03	3'-01"	32.8	Valley	Shape Cut	FULL	4.2
4	J04	3'-01"	32.9	Valley	Shape Cut	FULL	4.2
5	J05	6'-05"	35.8	Valley	Shape Cut	FULL	14.1
6	J06	9'-09"	35.7	Valley	Shape Cut	FULL	23.9

S5 · PORCH ROOF (4/12)

Full-width low-slope porch roof across the front, below the pitch break · pitch 4/12 · 11 panels · panel run vertical, bottom edge at the bottom of the drawing



#	PANEL	ORDER LENGTH	COVER IN	TOP CUT	BOTTOM	BLANK	AREA SF
1	H01	10'-05"	5.8	Pitch Break	Eave	FIELD RIP	4.7
2	H02	10'-05"	36.0	Pitch Break	Eave	FULL	30.0
3	H03	10'-05"	35.8	Pitch Break	Eave	FULL	29.5
4	H04	10'-05"	36.0	Pitch Break	Eave	FULL	30.0
5	H05	10'-05"	35.8	Pitch Break	Eave	FULL	29.6
6	H06	10'-05"	35.8	Pitch Break	Eave	FULL	29.6
7	H07	10'-05"	36.0	Pitch Break	Eave	FULL	30.1
8	H08	10'-05"	36.0	Pitch Break	Eave	FULL	30.0
9	H09	10'-05"	36.0	Pitch Break	Eave	FULL	30.1
10	H10	10'-05"	35.8	Pitch Break	Eave	FULL	29.6
11	H11	10'-05"	6.1	Pitch Break	Eave	FIELD RIP	4.9

FIELD RIP PLAN — FOUR EDGE PANELS

The supplier cuts LENGTH only. The four ~6-in edge panels are ripped lengthwise on site from their own full blanks — decided 2026-07-28.

PANEL	SECTION	BLANK SUPPLIED	RIP TO	AT	OFFCUT RETAINED	CUT EDGE GOES
H01	S5 Porch Roof (4/12)	36 in × 10'-05"	5.8 in	left rake	30 in × 10'-05"	under rake trim
H11	S5 Porch Roof (4/12)	36 in × 10'-05"	6.1 in	right rake	30 in × 10'-05"	under rake trim
I01	S3 Front Upper Face (11/12)	36 in × 8'-07"	5.7 in	left rake	30 in × 8'-07"	under rake trim
I11	S3 Front Upper Face (11/12)	36 in × 8'-07"	6.0 in	right rake	30 in × 8'-07"	under rake trim

THE RULE THAT GOVERNS EVERY CUT ON THIS ROOF

Rips are LENGTHWISE — parallel to the ribs — with power shears or a nibbler, never an abrasive blade. The cut edge faces the rake and is buried under the rake trim. There are NO crosswise field cuts at exposed edges: the eave end of every panel is the factory edge, and length excess is trimmed at the panel TOP where ridge, hip or pitch-break trim covers it.

WHY WE DIDN'T SHARE BLANKS

Two rips could nest on one blank, saving ~19 LF — but the two strips serve OPPOSITE rakes, forcing a second rip hand, and it leaves zero stock. Four dedicated blanks keep one rip hand, and the four ~30-in offcuts stay on the truck as flashing stock. Rip blanks are cut to the SAME length as their full-width neighbours — projection included.



RIP DIAGRAM

One lengthwise cut per rip blank; the rib pattern stays intact on the offcut. Mark with felt-tip only (never pencil), cut face-down on the ground, brush all swarf before the strip goes up.

TRIM SCHEDULE — DERIVED PER RUN

Edge basis: site-inspection report (perimeter-verified). Sticks are computed per physical run — laps only occur between sticks within one run.

TRIM ITEM	RUNS	LF	PIECES	SUPPLIED	PROFILE
Custom oversized D-style eave / drip edge	Porch front eave 28.1' · Main eave, left 18.0' · Main eave, right 18.0'	64.1	7	70 LF	KR-COL-ED-01 Rev B
Custom D-style profile — gable bearing shelf (Approach B)	Front gable rake, left 17.0' · Front gable rake, right 17.0' · Rear gable rake, left 17.0' · Rear gable rake, right 17.0'	68.0	8	80 LF	KR-COL-ED-01 Rev B
PBR gable / rake trim	Front gable rake, left 17.0' · Front gable rake, right 17.0' · Rear gable rake, left 17.0' · Rear gable rake, right 17.0' · Front gable line, left (porch + corner) 11.9' · Front gable line, right (porch + corner) 11.9'	91.8	12	120 LF	Ibex standard
Vented ridge cap	Main ridge (field-verified 21'-6") 21.5' · Front corner ridge, left 8.2' · Front corner ridge, right 8.2'	37.9	5	50 LF	Ibex standard
Hip cap	Upper-face hip, left 8.7' · Upper-face hip, right 8.7'	17.3	2	20 LF	Ibex standard
Ibex 02B Jumbo Valley (W-valley)	Valley, left 13.4' · Valley, right 13.4'	26.8	4	40 LF	Ibex 02B
Ibex 04B Jumbo Pitch Break	Porch / upper-face transition 28.1'	28.1	3	30 LF	Ibex 04B
PBR rat guard / eave closure	Porch front eave 28.1' · Main eave, left 18.0' · Main eave, right 18.0'	64.1	7	70 LF	Ibex standard

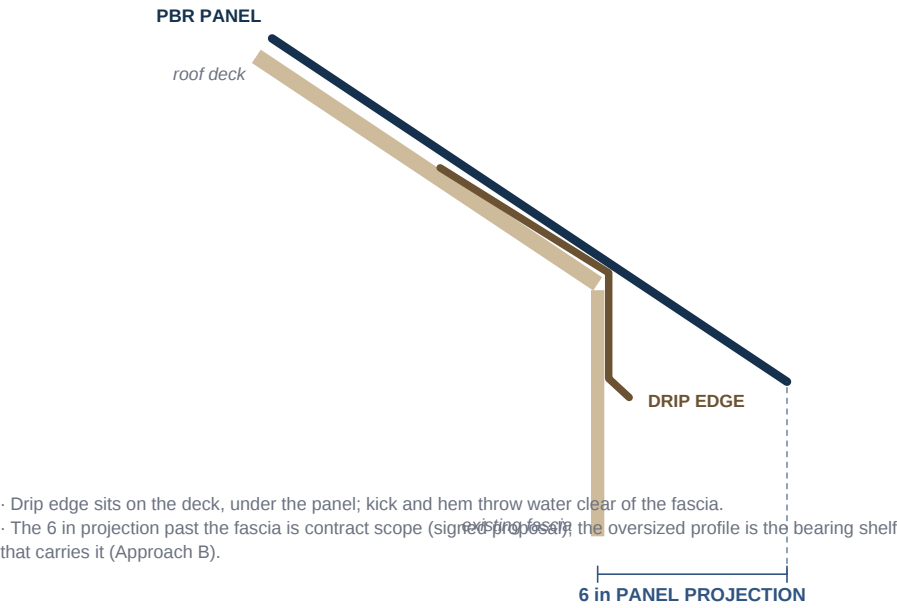
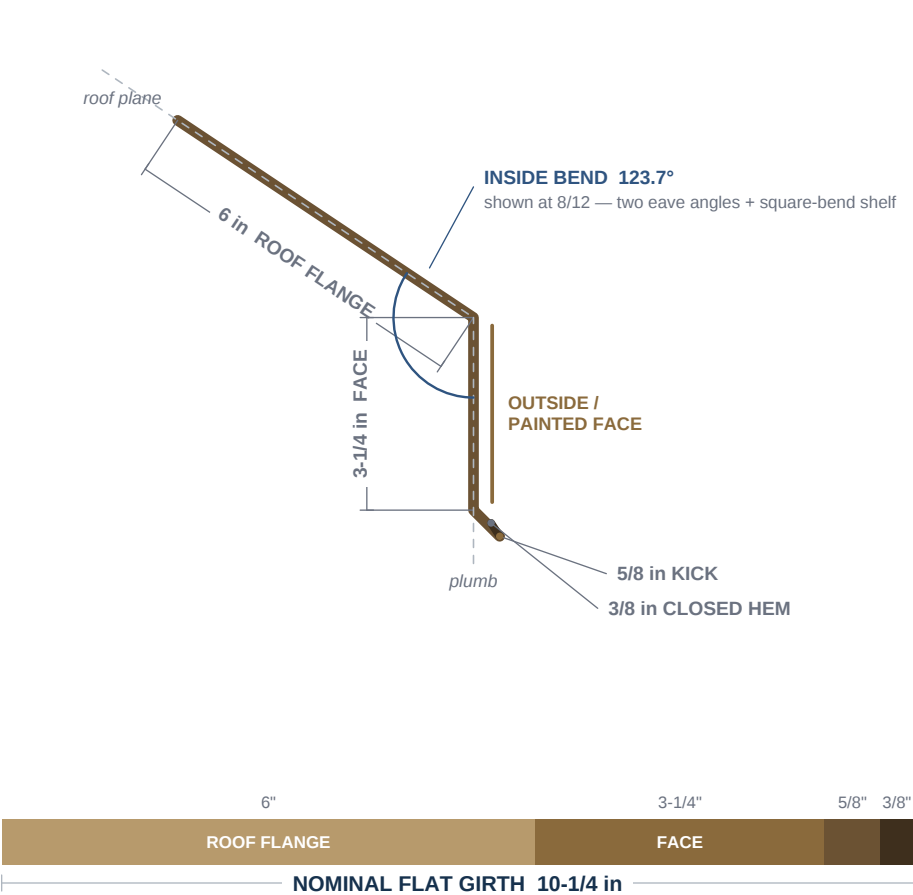
TOTAL 48 sticks across 8 families

ACCESSORIES — every quantity is a published formula

Woodgrip panel screws, EPDM washer, painted head	1600	ea	Σ per panel: FLOOR(order length ÷ 24 in)+1 rows × 4 + doubled eave/ridge rows = 1416 ea; +10%, rounded up to 50
Stitch screws, EPDM washer, colour matched	750	ea	panel side laps 473 LF + trim laps, at 12 in o.c. = 638 ea; +10%, rounded up to 50
Pancake-head wood screws — valley flashing	25	ea	valley 26.75 LF, both sides, at 4 ft o.c. (Metal Sales PBR guide), rounded up to 25
Rigid outside closure — PBR profile	70	LF	hip 17.33 + pitch break 28.08 + solid corner ridges 16.42 LF, rounded up to 10. The MAIN ridge is not included — Ibex detail G treats the ridge vent as the substitute there
Inside foam closure — PBR profile	100	LF	eave 64.08 (Ibex detail A) + pitch break 28.08 LF (Ibex detail F requires BOTH an inside and an outside closure at a transition), rounded up to 10
Universal expanding closure — valleys	60	LF	both sides of 26.75 LF valley = 53.50 LF, rounded up to 10. A die-cut profiled closure will not fit a raked panel cut — use the continuous 1 in × 1-1/2 in roll (Ibex specifies EMSEAL expanding tape here)
Vented ridge closure material	30	LF	MAIN ridge only, 21.50 LF (field-verified 21'-6"), rounded up to 10. Corner ridges cap solid. Sits between two rows of butyl, under the ridge cap, in place of an outside closure
Butyl sealant tape, 1 in	15	50-ft rolls	side laps 473 + valley 2× 54 + pitch break 2× 56 + ridge 2 rows 76 + eave 64 LF ÷ 50 ft, rounded up
Colour-matched touch-up, brush applicator	1	kit	handling scratches and nicks only

CUSTOM OVERSIZED D-STYLE DRIP EDGE — KR-COL-ED-01 REV B

24 ga prefinished PVDF steel · Medium Bronze · runs the EAVES and the four MAIN GABLE RAKES (Approach B bearing shelf — contract scope)



- Drip edge sits on the deck, under the panel; kick and hem throw water clear of the fascia.
- The 6 in projection past the fascia is contract scope (signed proposal), the oversized profile is the bearing shelf that carries it (Approach B).

APPLICATION	PITCH	LF	PIECES	INSIDE BEND
Eave	4/12	28.1	3	108.4°
Eave	8/12	36.0	4	123.7°
Gable shelf	8/12 rake	68.0	8	90.0°
TOTAL		132	15	

Girth 10-1/4 in as drawn; a 3-in face gives a 10-in stock blank — either is accepted, note the choice on the acknowledgment (A5). Gable-shelf pieces are square-bend, fascia leg plumb-cut at the ends. One sample piece at the 8/12 angle ships with the acknowledgment.

FASTENING PATTERN & CLOSURE MAP

Pattern documented from the manufacturer detail set; quantities carry headroom down to a 16-in row spacing (A2 confirms the final spec).

FIELD ROWS — one screw in the flat beside each major rib

4 screws per row per 36-in panel · rows at 24 in o.c. down the slope · doubled row at eave and ridge (8 screws) · washers seated snug, never crushed, never overdriven.



36-in module · major ribs 12 in o.c. · screws in the flats

STITCH PASS

Side laps and trim laps stitched at 12 in o.c. with EPDM stitch screws — the strictest published spacing. Short lap rib on top, open side away from the weather — Coeur d'Alene's prevailing weather runs from the SOUTHWEST; the foreman's lap-hand check at mobilization sets the start rake (crew rule 5).

LOCATION	CLOSURE	WITH
Eave	Inside foam closure	butyl above + below
Main ridge (vented)	Vent material — replaces the outside closure	2 butyl rows
Hips + corner ridges (solid)	Rigid outside closure	butyl
Pitch break	Inside AND outside closures	butyl both sides
Valleys	Continuous expanding closure	no fastener in the lap
Rakes	None — rake trim caps the edge	covers rip cut edges

VALLEY DETAIL

Panels cut on a chalk line 3 in back from the valley centreline each side (6-in open channel). Valley flashing fastens at its outer edges only, pancake heads at 4 ft o.c. Center diverter, 12-in minimum lap.

COLOR — SELECTION AND CONTROL

Customer reference: Weathered Copper ("medium-dark brown-ish") — final color signs off on a physical chip, per the customer's own text.



ON THE ORDER: Ibex Medium Bronze, 24 ga PVDF — the closest PVDF finish to the reference, 35-year finish warranty. The chip ships with the acknowledgment (A1) and the customer signs it before the coil run. Screen swatches rank candidates; only a physical chip accepts a finish.

RECORDED ALTERNATES — one phone call at acknowledgment stage

A	Ibex Medium Bronze — 24 ga PVDF	Closest Ibex PVDF finish to the reference. Best coating class available from this supplier. Not the customer's named colour.	35-year PVDF limited warranty (colour change limit 5 ΔE Hunter over 30 years, ASTM D2244)
B	Ibex Weathered Copper — Smooth / SMP	The customer's named colour, from Ibex, listed on the PBR profile. Trades the PVDF coating for Ibex's Smooth line. Same order, same supplier, no second vendor.	40-year limited warranty on Smooth and Crinkle colours — a longer number on a lower-class coating; SMP chalks and fades faster than PVDF in service
C	Metal Sales Weathered Copper W50 — 24 ga PVDF	The named colour AND a PVDF coating, but from a different manufacturer. Nearest branch is Spokane. Metal Sales also carries a separate 'Aged Copper' — do not conflate them on a PO.	45-year limited warranty. Stocking is branch-dependent — confirm before committing

Chip protocol: one signed 24 ga chip of the ordered color. If the owner lands on the named Weathered Copper instead, routes B and C swap in at acknowledgment stage — before fabrication, at zero cost. No manufacturer publishes L*a*b* values for any of these colours, so a numeric ΔE between Ibex Weathered Copper (SMP) and Metal Sales Weathered Copper W50 (PVDF) cannot be computed from anything published. Three products share the name; that does not make them the same colour. Get physical chips of all three.

DELIVERY, STAGING & RECEIVING QC

Cut-to-length blanks are non-returnable — receiving day is a QC gate, not a drop-off.

BLANKS

46

14 length groups, longest 17'-07"

PANEL WEIGHT

≈ 2,224 lb

confirm on acknowledgment

TRIM STICKS

48

8 families, 10-ft stock

DELIVERY

Ibex onsite

coordinate with Phase-2 mobilization

STAGING MAP (MATCHES THE CREW PACKET)

S5 porch bundle at the front of the drive · S1/S2 17-ft bundles left and right · S3/S4 short bundle front-center · rip blanks on TOP of their bundles · trim and accessory boxes under cover with the chip and paperwork.

RECEIVING CHECKLIST — SIGN ONLY AFTER

Count every length group against the cut schedule · chip-check color against the SIGNED chip · inspect finish for handling damage · verify the 17-ft blanks arrived as single pieces (A3) · shortage or damage claimed the same day, before install starts.

RECEIVING TALLY — check each group off the truck

17'-07" qty 7	17'-06" qty 7	16'-04" qty 1	14'-02" qty 1	14'-01" qty 1	12'-11" qty 1	12'-10" qty 1	10'-05" qty 11
9'-10" qty 2	9'-09" qty 2	8'-07" qty 6	6'-05" qty 2	5'-05" qty 2	3'-01" qty 2		

MEASUREMENT BASIS & VERIFICATION

One roof, two drawings — each used for what it is good at, and the test that proves which is which.

THE PERIMETER TEST

Eaves and rakes are the building's outside edges — together they cannot exceed the outline perimeter. Field-sheet outline 28'-0" × 48'-7" → perimeter 153'-2".

REPORT	EAVES + RAKES	VS OUTLINE
Site-inspection (governs trim)	155'-11"	+2.7 ft — PASSES
46-strip layout (governs panels)	178'-11"	+25.8 ft — impossible

EDGE	SITE	STRIPS	RATIO	WHAT THE STRIP DRAWING COUNTED
Eaves	64'-01"	90'-04"	1.41×	S3's pitch-break line was classed as eave
Rakes	91'-10"	88'-07"	0.96×	outer perimeter — agrees
Ridges	37'-11"	54'-04"	1.43×	strip seams at the ridge double-counted
Hips	17'-04"	34'-07"	1.99×	both strips at each hip counted the shared line
Valleys	26'-09"	50'-03"	1.88×	both strips at each valley counted the shared line
Pitch break	28'-01"	28'-00"	1.00×	single line — agrees

WHAT THE TAPE PROVED (2026-07-24 FIELD SHEET)

DIMENSION	TAPE FT	ORDER FT	STATUS
Main slope run — left (S1)	17.00	17.00	CONFIRMED
Main slope run — right (S2)	17.00	17.03	CONFIRMED
Building width	28.00	28.09	CONFIRMED
Main ridge length	21.50	21.07	DELTA 5 in — panel count unchanged
Valley run (each)	13.25	13.38	CONFIRMS trim basis

A 17'-0" slope run over a 14'-0" half-width on a 28'-0" building is a 8.27/12 pitch. The order models the main roof at 8/12 — the field sheet backs it. The April site-inspection report calls this roof 10/12 predominant, which would put the slope run at 18'-3", not 17'-0".

ORDER CONTROL

All ten checklist items are DONE — geometry, schedule, blanks, layout, projection, trim, color control, contract, field rules, verification. The workbook mirrors the list with evidence; supplier-side facts land on the acknowledgment (A1–A7).