

CREW INSTALL PACKET

Kevin Collins · 1407 N 6th St, Coeur d'Alene, ID 83814 · Ibex PBR 24 ga · Medium Bronze

46 PANELS · 5 SECTIONS · 7 CREW-DAYS (PHASE 2)



FRONT OF HOUSE — N 6TH STREET
schematic keyplan — not to scale

SIX RULES — EVERYTHING ELSE FOLLOWS FROM THESE

- 1. FACTORY EDGE AT EVERY EAVE**
Set the factory end on the drip line. Never cut the eave end of a panel.
- 2. ALL LENGTH SLOP TRIMS AT THE TOP**
Panels arrive long on purpose. The excess is cut at the panel TOP, under ridge / hip / pitch-break trim, where the cut is covered.
- 3. RIPS ARE LENGTHWISE ONLY**
Four edge panels rip parallel to the ribs; the cut edge goes to the rake, under the rake trim. No crosswise cut ever lands at an edge the eye sees — hip/valley shape cuts are the exception and land over flashing, per the valley detail.
- 4. SHEARS AND NIBBLERS ONLY**
No abrasive blades, no circular saw. Mark with felt-tip (never pencil), cut face-down on the ground, brush every panel clean of swarf.
- 5. LAP INTO THE WEATHER**
PBR's lap hand is fixed by the roll form. At mobilization, stand one panel at the eave with the open lap side pointing AWAY from the weather — CdA's prevailing weather runs from the SOUTHWEST — and that fixes the start rake for every section. The drawings show panel POSITIONS, not install order.
- 6. STITCH AT 12 IN**
Side laps and trim laps stitched at 12 in o.c. Doubled screw rows at eave and ridge.

SECT	WHERE	PITCH	PANELS
S1	Main Roof — Left Slope	8/12	9
S2	Main Roof — Right Slope	8/12	9
S3	Front Upper Face (11/12)	11/12	11
S4	Front Corner Returns (9/12)	9/12	6
S5	Porch Roof (4/12)	4/12	11

PHASE 2 — INSTALL SEQUENCE & STAGING

Day numbers are 2-man crew-days. Delivery day is a QC gate: count every length group before signing.

STEP	TASK	DAYS	WHAT MATTERS
P2-1	Material receiving day — full order QC against the cut list	0.5	Count blanks by length group, chip-check color against signed chip, inspect finish, stage by section per the staging map. Shortage/damage claim same day.
P2-2	Patio deck I&W + drip edge, rat guard, gable shelf set	1	KR-COL-ED-01 at eaves and main gable rakes; string-line the drip line.
P2-3	PORCH ROOF (S5) panels + pitch-break flashing	1	11 panels incl. 2 field rips at the rakes. Break flashing + both closures on top.
P2-4	MAIN ROOF (S1, S2) panels	1.5	18 panels, 17-ft class. Factory edge to the eave line, tops run long past the ridge line, trimmed under the vented ridge assembly.
P2-5	FRONT UPPER FACE (S3) + CORNER RETURNS (S4) panels	1.5	17 panels, shape-cut tops under hip/valley/ridge trim; 2 field rips at S3 rakes.
P2-6	Ridge vent, hips, valleys, rake trim, closures, stitch pass	1	Vented ridge stack-up; stitch screws 12 in o.c.; closure map per order.
P2-7	Detail pass, boots, touch-up audit, magnetic sweep, walkthrough	0.5	Dektite boots on plumbing vents; swarf audit every plane; final photos for the job record; customer walkthrough.

STAGING MAP

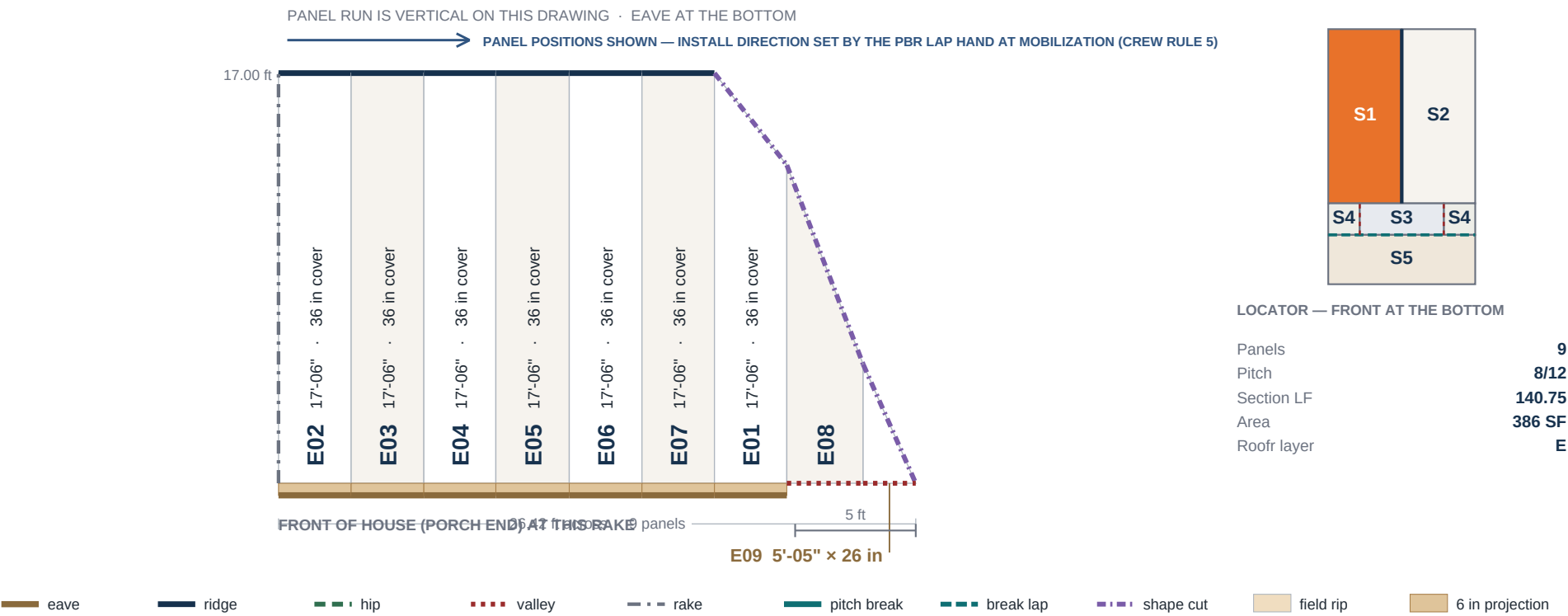
S5 porch bundle at the front of the drive · S1/S2 17-ft bundles left and right · S3/S4 short bundle front-center · the four rip blanks (flagged in the cut schedule) ride on TOP of their bundles · trim and boxes under cover with the signed chip and paperwork.

BUILD ORDER AND WHY

Porch first (S5) so the pitch-break flashing is in before the upper face laps over it. Main slopes next (S1, S2) while staging is clear. Upper face and corners (S3, S4) last — their shape-cut tops finish under the hip/valley/ridge trim in the same pass as the trim run.

S1 · MAIN ROOF — LEFT SLOPE

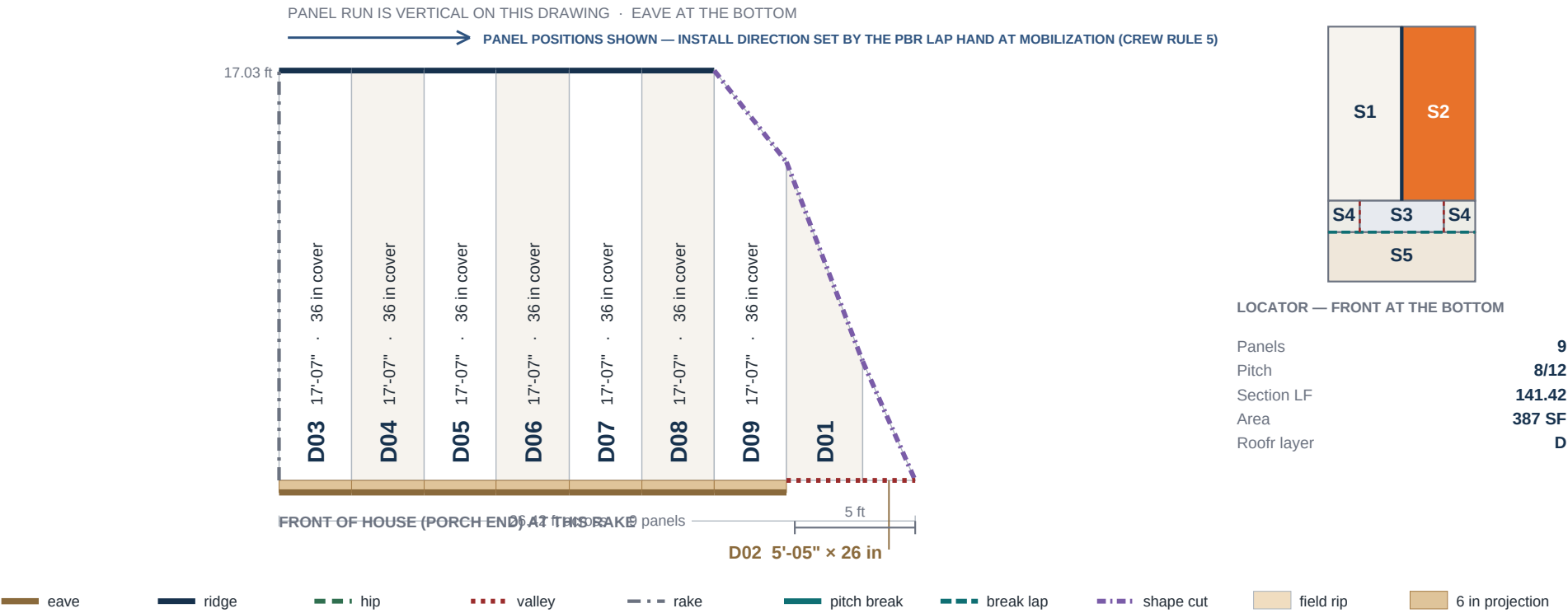
Big 8/12 gable slope left of the ridge, facing the house from the street · pitch 8/12 · 9 panels · Panels numbered from the FRONT gable rake — E02 is the front. E01/E08/E09 are POSITIONS 7-9 at the hip end, not install order. 17'-0" field-verified run.



#	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

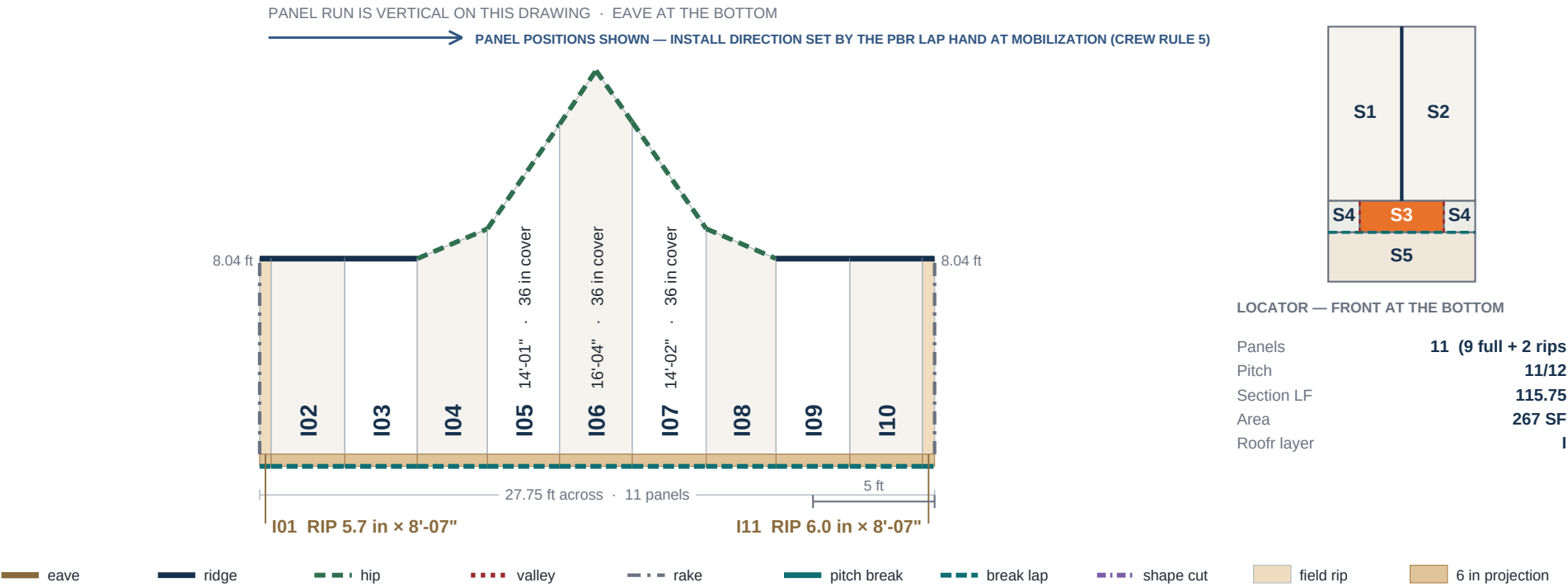
Big 8/12 gable slope right of the ridge · pitch 8/12 · 9 panels · Panels numbered from the FRONT gable rake — D03 is the front; positions mirror S1. D01/D02 sit at the hip end.



#	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)

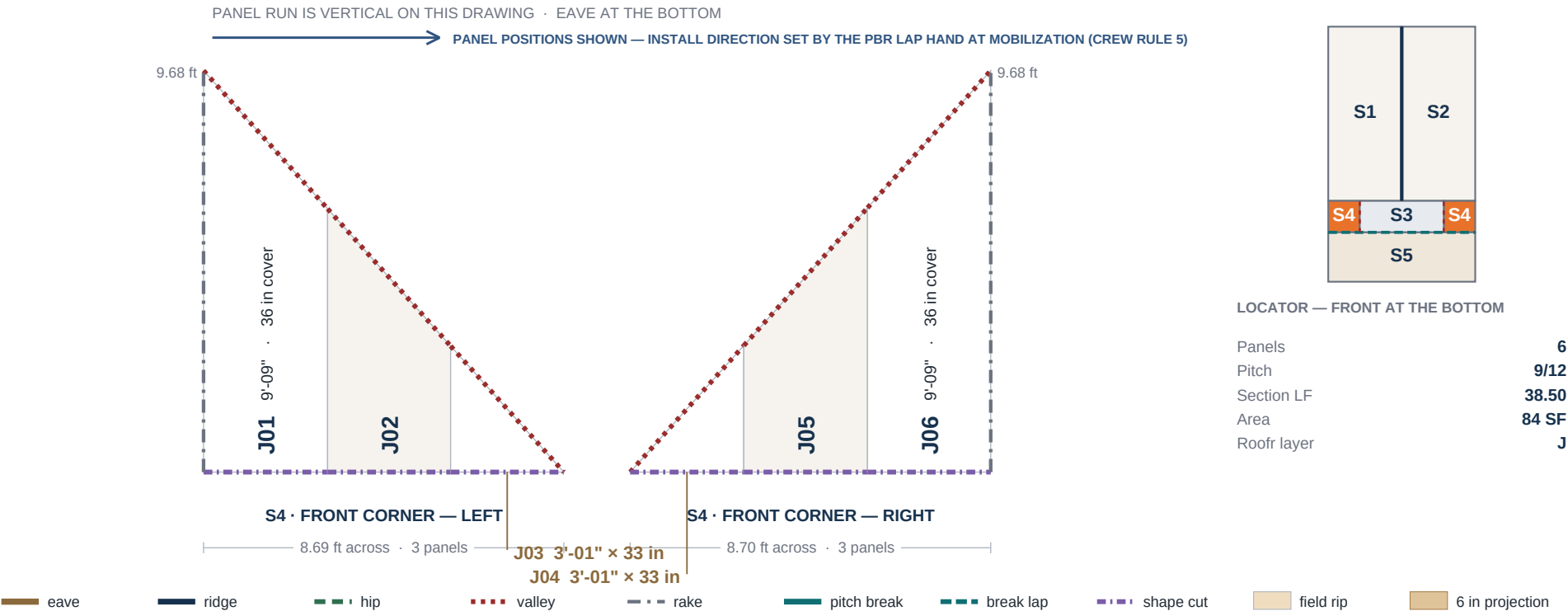
Steep face above the porch roof, between the two corner returns · pitch 11/12 · 11 panels · Bottoms lap the pitch-break flashing (6-in allowance on every panel incl. the 2 edge rips); tops trim under ridge/hip cap. Left/right as you face the house.



#	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)

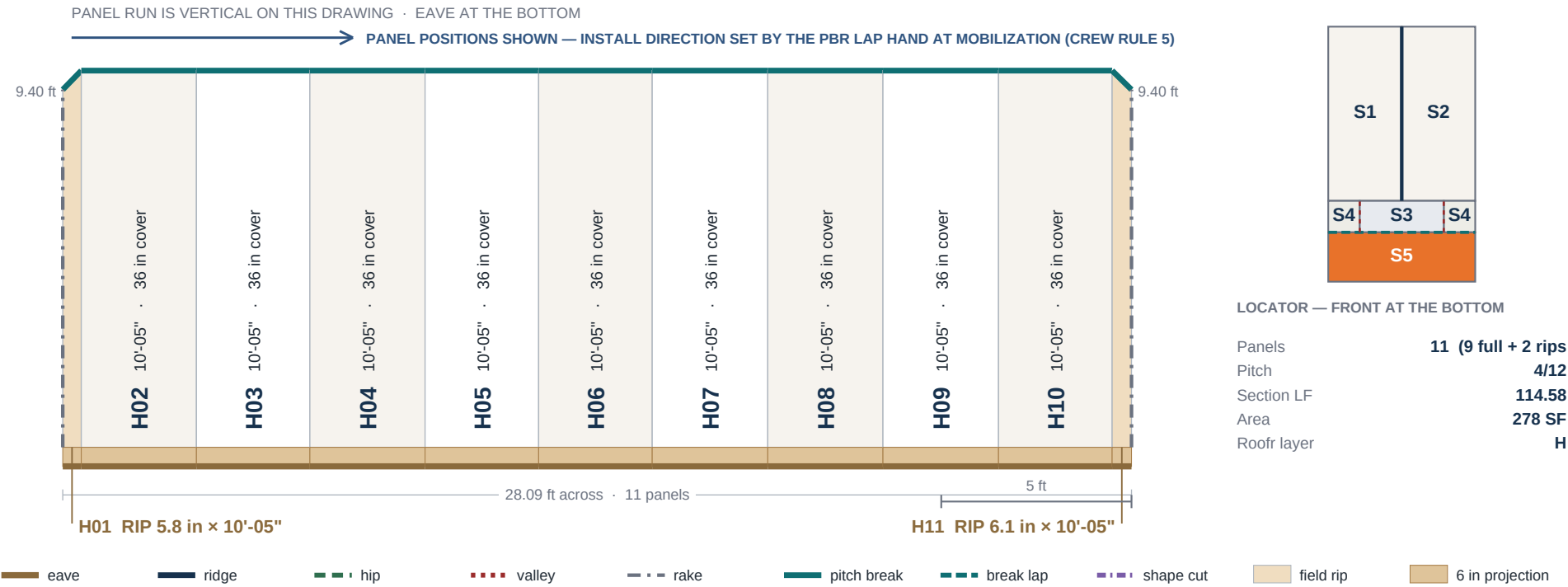
Two small corner planes flanking the upper face, 3 panels each · pitch 9/12 · 6 panels · Six valley shape-cut panels: tops cut on the valley chalk line, 3 in back from center, edge lands over the valley pan (see the valley detail). The short corner ridges at each outer corner cap SOLID — 1 stick each, no vent.



#	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 · True eave at the bottom — factory edge to the drip line; the 6-in projection is on every panel incl. the 2 edge ribs. Left/right as you face the house.



#	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.

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.

TRIM MAP — WHAT GOES WHERE

48 sticks, 8 families. Stick counts are per physical run; the keyplan shows where each family lives.



FRONT OF HOUSE — N 6TH STREET
schematic keyplan — not to scale

TRIM	WHERE IT GOES	PCS
Custom oversized D-style eave / drip edge	Porch front + both main eaves — sets the drip line	7
Custom D-style profile — gable bearing shelf (Approach B)	Up the four main gable rakes, under the rake trim (6-in overhang shelf)	8
PBR gable / rake trim	Every rake — caps the shelf at the gables, covers the rip cut edges	12
Vented ridge cap	Main ridge 21'-6" VENTED (3 sticks) + two 8'-2" corner ridges capped SOLID (1 stick each, no vent)	5
Hip cap	Two upper-face hips	2
Ibex 02B Jumbo Valley (W-valley)	Both valleys beside the upper face — set before panels	4
Ibex 04B Jumbo Pitch Break	The 28-ft porch/upper-face line — after S5, before S3	3
PBR rat guard / eave closure	Eaves, under the panel ends, profile-matched	7

ORDER OF OPERATIONS

Valleys and eave drip first (on the underlayment) → rat guard → panels by section → pitch break after S5 → hips, corner ridges, main vented ridge → rake trim last, over the gable shelf and every rip edge.

FIELD VERIFICATION RECORD

Main roof was tape-verified 2026-07-24 before the order. Re-check every section on the open deck at tear-off — panels are ordered LONG, so a delta trims at the top instead of scrapping a blank.

SECT	SECTION	SLOPE RUN TO VERIFY (RAW FT)	FIELD MEASURED	DELTA	BY / DATE
S1	Main Roof — Left Slope	17.00	17'-00" ✓ tape 07-24		Mitch Ketron / 2026-07-24
S2	Main Roof — Right Slope	17.03	17'-00" ✓ tape 07-24		Mitch Ketron / 2026-07-24
S3	Front Upper Face (11/12)	15.77			
S4	Front Corner Returns (9/12)	9.68			
S5	Porch Roof (4/12)	9.90			

HOW TO MEASURE

Eave-to-ridge along the slope, on the rafter line, raw number — do not add the 6-in projection. Ordered length = this run rounded UP to the whole inch, + 6 in where the panel meets the eave or break lap. Phone any delta over 1 in to the office the same day: the Phase-2 confirmation call to Ibex folds it in at zero cost, before fabrication.

RECEIVING TALLY — matches the order packet, page 15

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