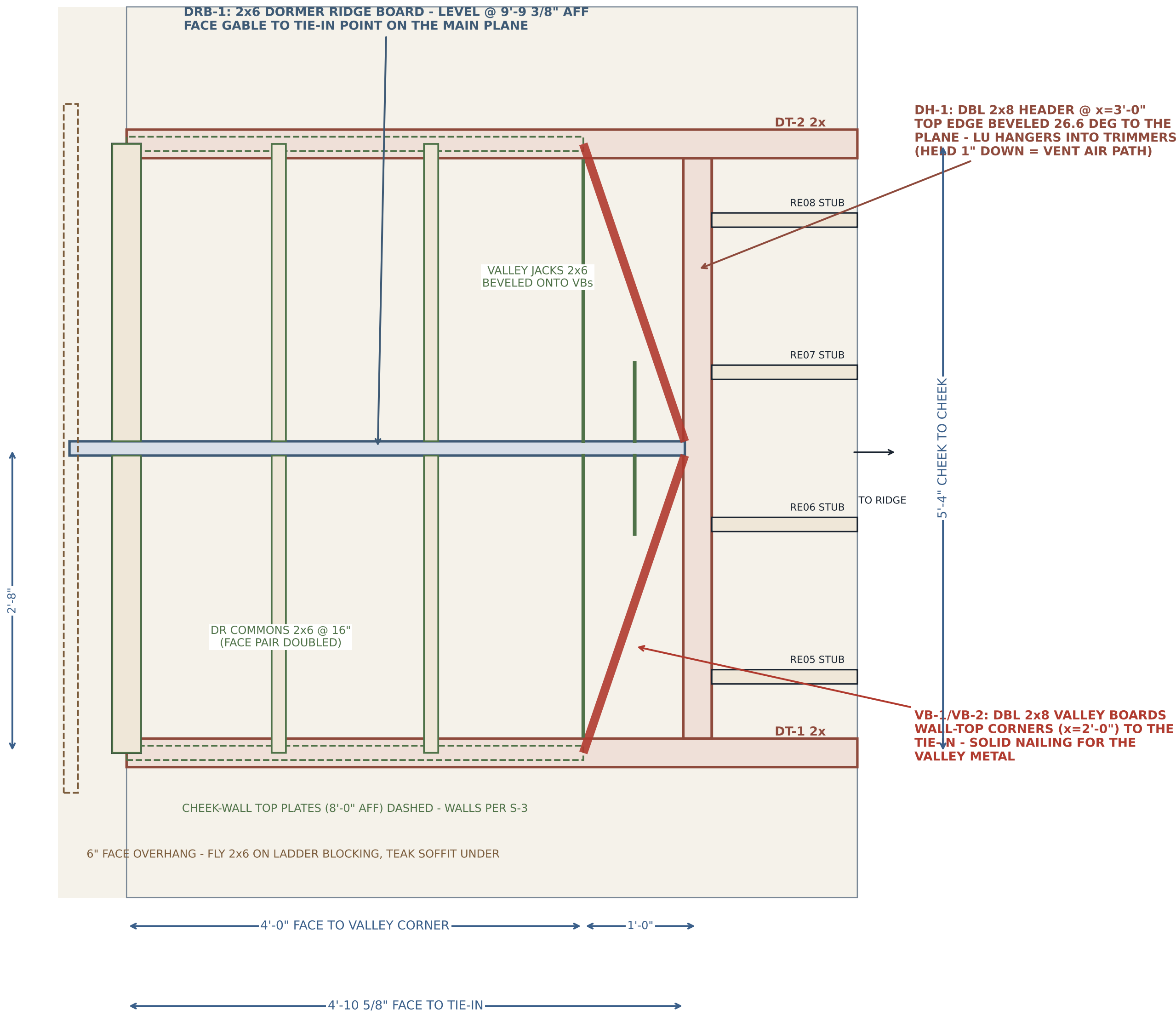


DORMER ROOF FRAMING PLAN

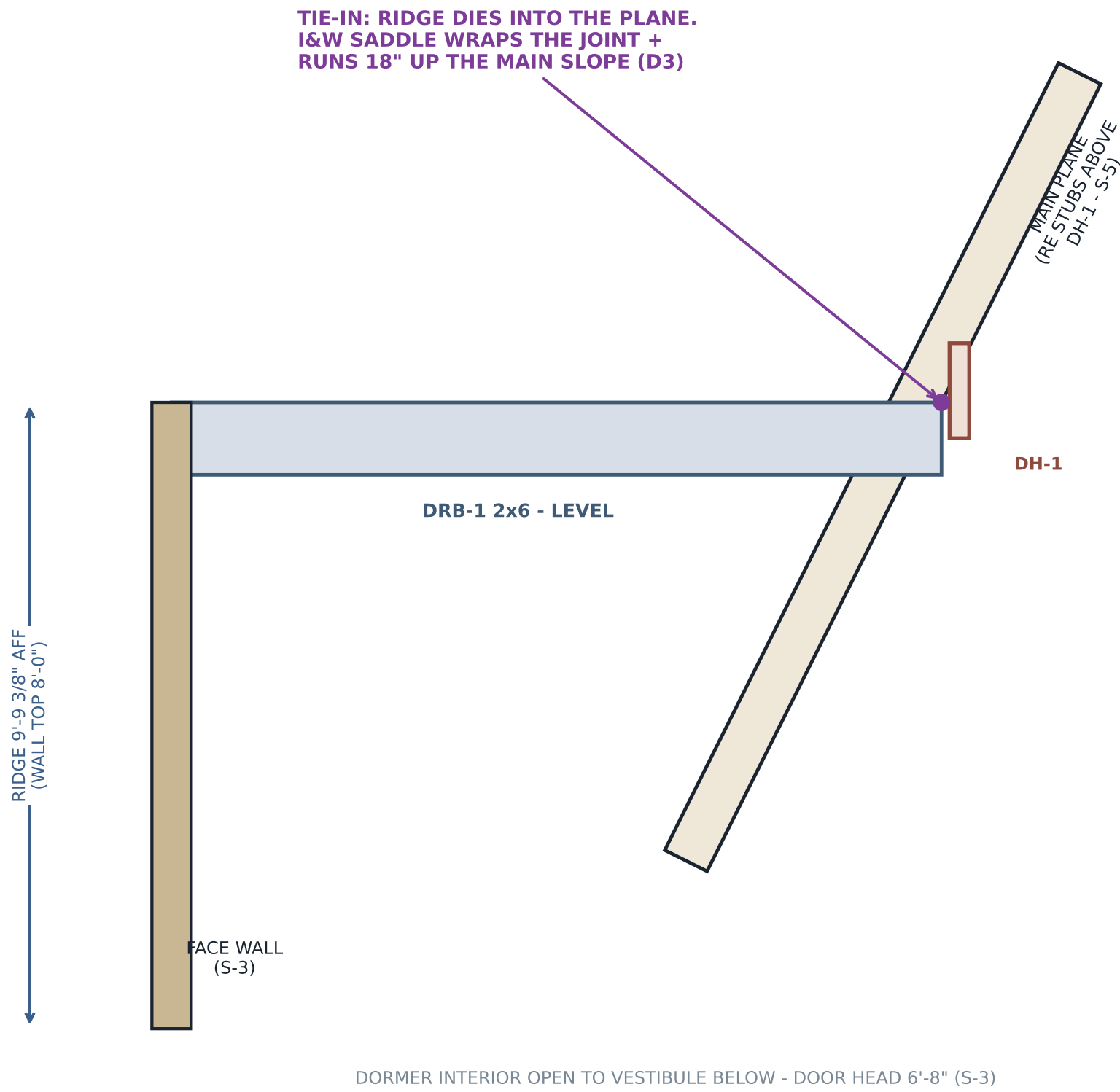
(ZOOM OF ENTRY PLANE - MAIN-ROOF LAYOUT PER S-5)



DORMER PITCH 8:12 BOTH PLANES - RIDGE 9'-9 3/8" AFF - MAIN PLANE 24:12 (63.4 DEG)

FLASHING AT THE 63-DEG JUNCTION - THE #1 LEAK RISK ON THIS BUILDING. NO EXPOSED FASTENERS IN ANY VALLEY.

SECTION AT DORMER RIDGE (y=7'-4")



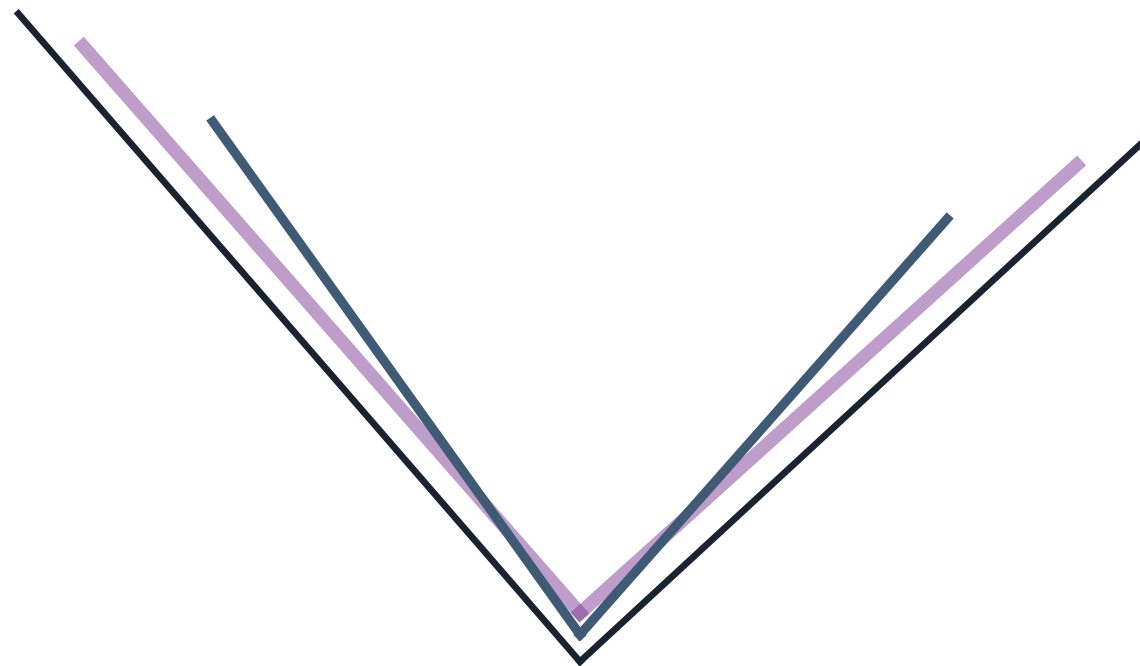
DORMER ROOF KIT

ID	MEMBER	CUT
DT-1/2	2x8x20 TRIMMERS	(IN THE 30 - S-5)
DH-1	DBL 2x8 x 5'-9"	BEVEL TOP 26.6
DRB-1	2x6 x ~5'-5"	PLUMB CUT AT TIE-IN
DR	2x6 COMMONS x6	~3'-2" (8:12 CUTS)
VJ	2x6 JACKS x4	BEVEL ONTO VBs
VB-1/2	DBL 2x8 x ~4'-6"	RIP BEVELS TO PLANES
STOCK:	3x 2x6x10 + OFFCUTS (ON YARD LIST)	
FLASHING:	2x W-VALLEY 24"x10' - 50x STEPS	
4x4x8	- I&W FROM ROOF ROLL - CAP + DRIP	

BUILD + ROOF ORDER

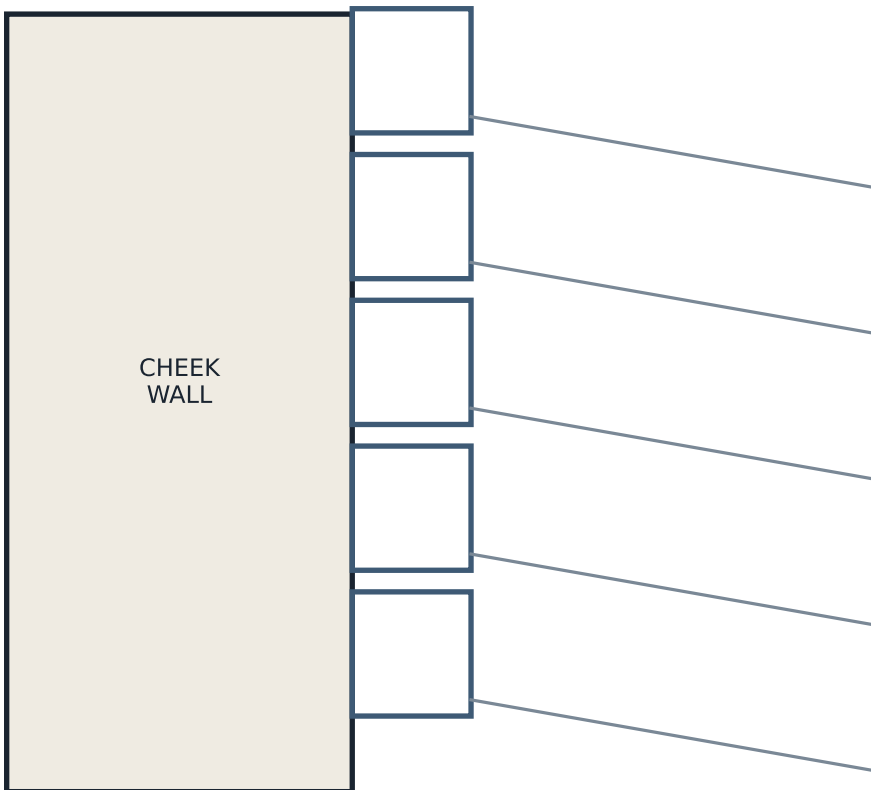
1. MAIN PLANE FRAMED FIRST (S-5): TRIMMERS, DH-1, STUBS. PHOTOGRAPH.
2. DORMER: RIDGE PROP -> DRB-1 -> COMMONS -> VBs -> JACKS. SHEATHE DORMER PLANES.
3. FELT MAIN PLANE, THEN I&W: VALLEYS FIRST, SADDLE LAST (LAPS OVER VALLEY LEGS).
4. SHINGLES CLIMB THE MAIN PLANE; WEAVE STEP FLASH AT CHEEKS; STOP AT VALLEY METAL.
5. DORMER PLANES SHINGLE LAST; CAPS UNDER THE SADDLE. NOTHING PENETRATES A VALLEY.

D1 - OPEN METAL VALLEY (x2)



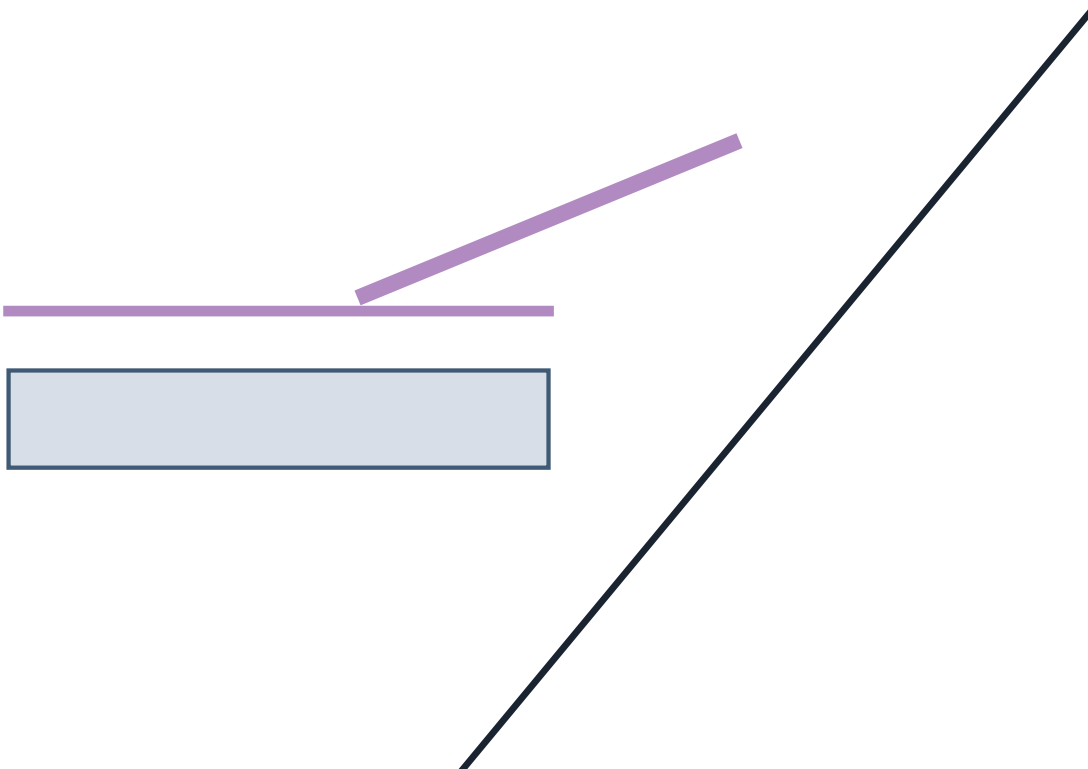
1. I&W 36" EACH LEG, WOVEN AT CENTER (PURPLE)
2. 24" W-METAL, HEMMED EDGES, CLIPS NOT NAILS (BLUE)
3. SHINGLES CUT BACK 2" EACH SIDE, DABS OF CEMENT MAIN 63-DEG COURSES MEET DORMER 8:12 COURSES HERE

D2 - CHEEK SIDEWALL STEP FLASH



STEP PIECE EVERY MAIN-ROOF COURSE (4x4x8 GALV), EACH LAPS THE ONE BELOW. HOUSEWRAP + TRIM LAP OVER THE VERTICAL LEGS (COUNTER-FLASH). STEEP 63-DEG COURSES = MANY SMALL STEPS - BUY 50

D3 - RIDGE TIE-IN SADDLE



I&W BLANKET OVER THE JOINT: 18" UP THE MAIN SLOPE + DOWN BOTH DORMER PLANES + OVER THE DORMER RIDGE, MAIN-PLANE COURSE ABOVE LAPS OVER IT. DORMER CAP SHINGLES DIE UNDER IT.

LAURA'S A-FRAME - FRANKLIN, MA

S-3D - DORMER ROOF FRAMING + FLASHING

SCALE: 1-1/4" = 1'-0" (DETAILS NTS) - SHEET 3D OF 8 - rev A

OWNER-BUILDER REFERENCE - NOT FOR PERMIT - JUL 2026