

Fireplace geometry / material coordination

5309 Meadow Chase · VIS-03 · 27 September 2026

VIS-03 — geometry/material coordination revision based on latest fireplace/hearth dimensions and confirmed Durham Hickory II flooring; supersedes VIS-02 for design geometry while retaining VIS-02 room/context reference.

CONFIRMED · recorded existing references and product identities; not construction approval.

Existing stone face: 64 W × 94 H in. Existing opening: 46 $\frac{1}{8}$ W × 26 $\frac{3}{4}$ H in.

River Canyon Natural Marble Ledger Panel / SKU 101022556.

American Spirit Durham Hickory II, hand-scraped engineered hardwood / SKU 100598689.

OWNER/GC DIRECTION · proposed geometry

Finished face: 12–13 in from ORIGINAL WALL, including framing/substrate/stone.

Dark floating metal mantel: full fireplace-wall width; ≈8 in beyond finished stone.

Derived leading edge: ≈20–21 in from original wall, subject to field verification.

Hearth base: 79 W × 18 D in; cap ≈81 W × 19 D in. Depths from ORIGINAL WALL.

Hearth height: TBD. 2 or 3 in is a coordination reference only; FIELD VERIFY / NOT RELEASED.

Use the dimensioned sheets to coordinate. Do not scale unknown values from renderings. Manufacturer requirements, measured geometry, structural backing, gas/service access and final approvals control.

01 / Front room view

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Photorealistic concept using VIS-02 room/context. Mantel thickness/elevation and hearth height are illustrative; not fabrication dimensions. Hearth height FIELD VERIFY / NOT RELEASED.

02 / Angled room view

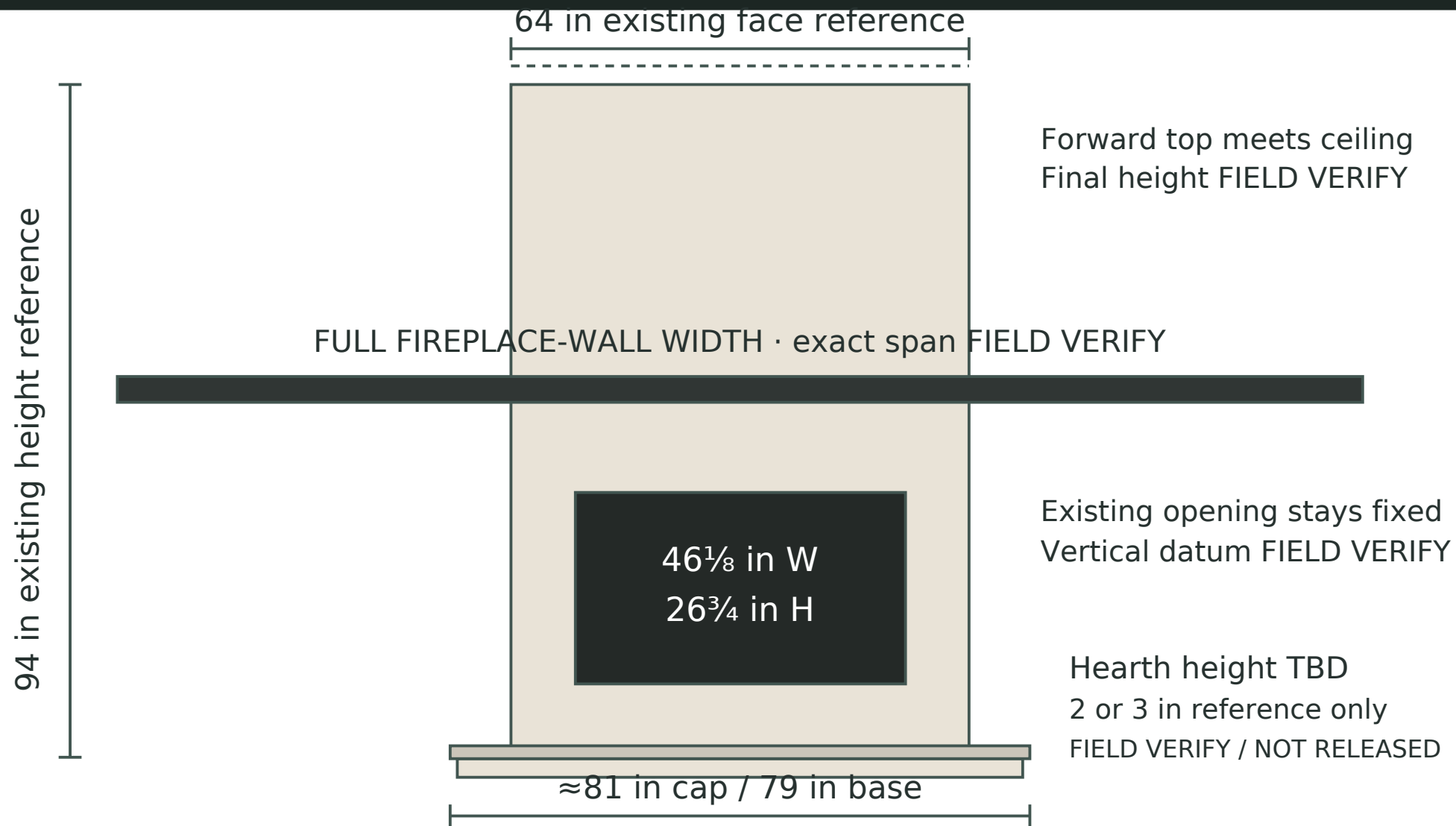
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Photorealistic concept using VIS-02 room/context. Mantel thickness/elevation and hearth height are illustrative; not fabrication dimensions. Hearth height FIELD VERIFY / NOT RELEASED.

03 / FRONT ELEVATION

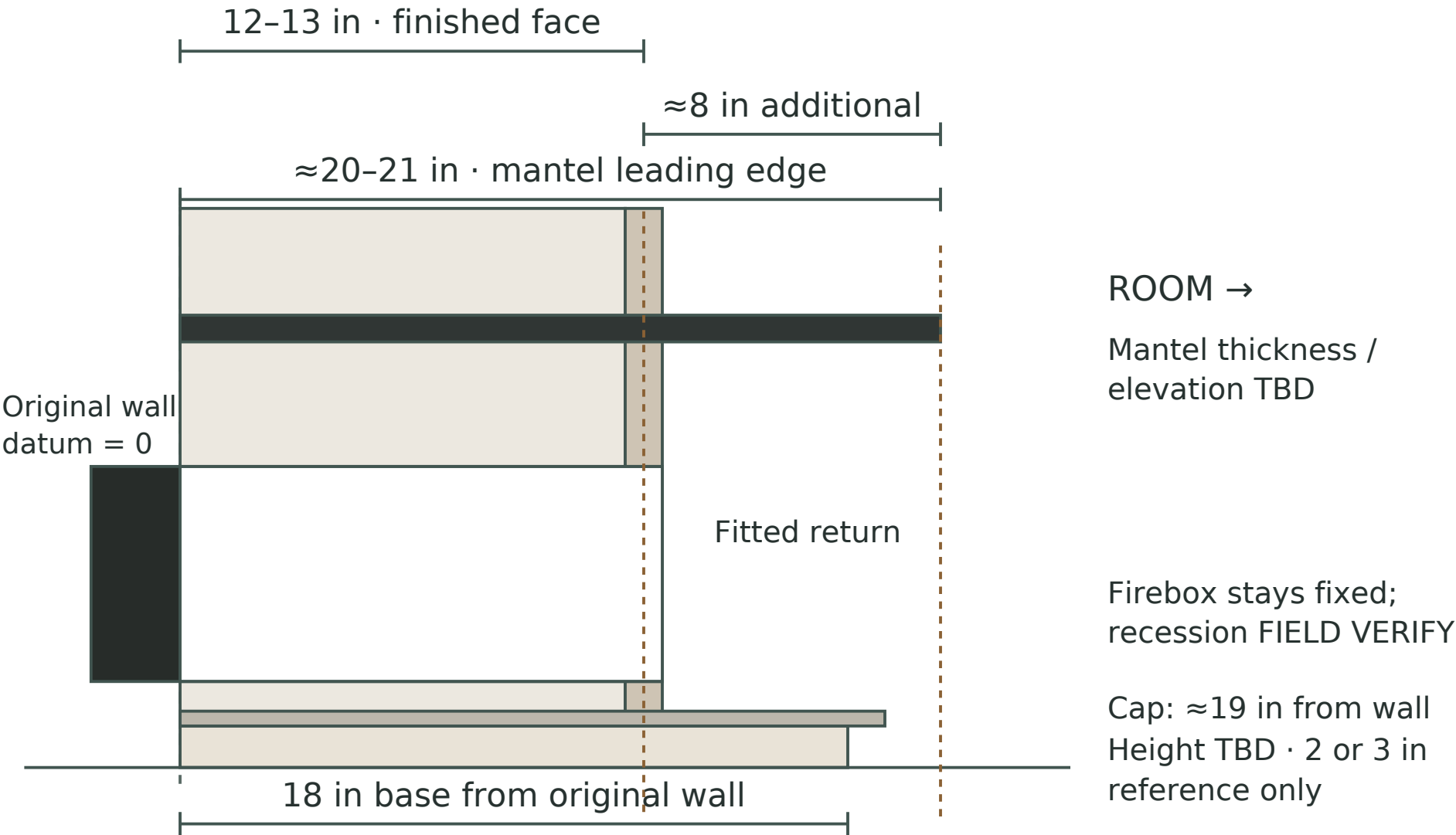
CONFIRMED existing references + OWNER/GC proposed direction · schematic, do not scale



Mantel thickness and elevation are schematic, not assigned dimensions.
Existing face height is not the final height of the new forward face at the sloping ceiling.
Window positions stay as VIS-02; exact wall span and mantel/window relationship require field verification.

04 / SIDE-PROFILE COORDINATION

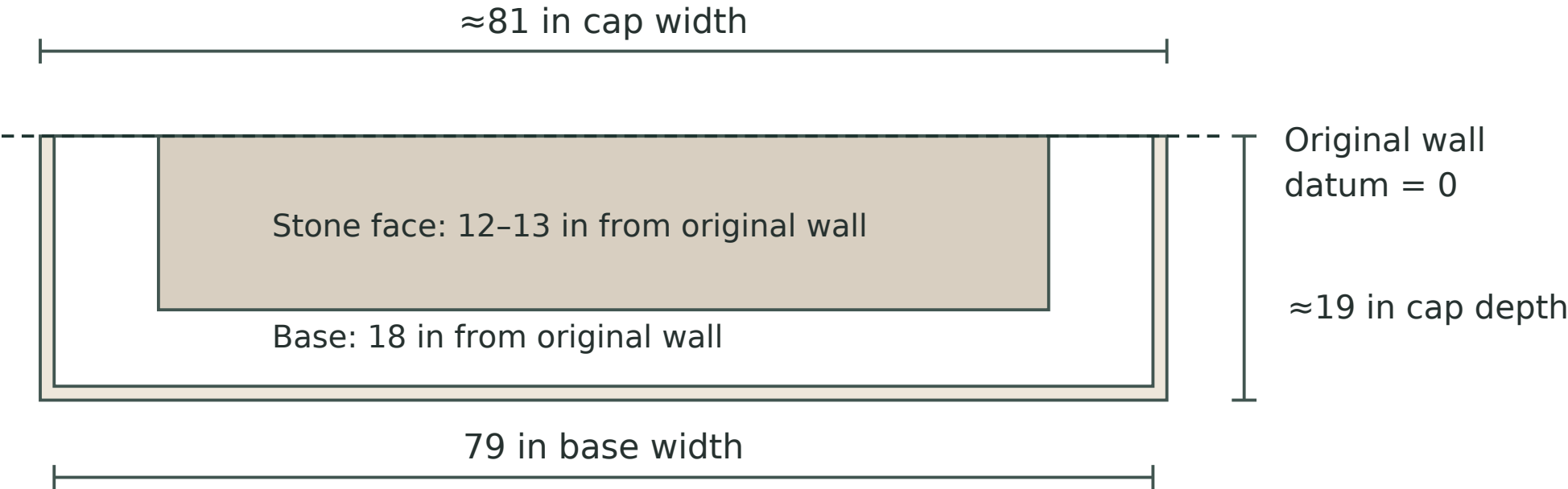
OWNER/GC DIRECTION · depth datum is ORIGINAL WALL, not finished stone · vertical layout schematic



Cap extends ≈6-7 in beyond stone; mantel projects ≈1-2 in beyond cap (derived, field verify).
12-13 in includes framing/substrate/stone. Component thicknesses and required air spaces are NOT assigned.
Hearth height FIELD VERIFY / NOT RELEASED. Verify ceiling rise/scribe and exact existing firebox datum.

05 / HEARTH PLAN DETAIL

OWNER/GC DIRECTION · base 79 × 18 in; cap approximately 81 × 19 in



≈1 in cap overhang at each side and front; rear edges share original wall datum.

PLAN VIEW · height TBD; 2 or 3 in coordination reference only.

Hearth cap material, thickness, edge treatment, support and joints FIELD VERIFY.

The 18 / 19 in depths start at the original wall, so exposed hearth is reduced by the new face.
Cap exposed beyond stone ≈6-7 in; base exposed beyond stone ≈5-6 in (derived only).
FIELD VERIFY / NOT RELEASED: height, finished floor datum, appliance hearth requirements and circulation.

06 / FIREBOX-RETURN PLAN DETAIL

Conceptual fitted/wrapped return · NOT a firebox-extension or fabrication detail

Original wall reference · exact factory-face offset FIELD VERIFY



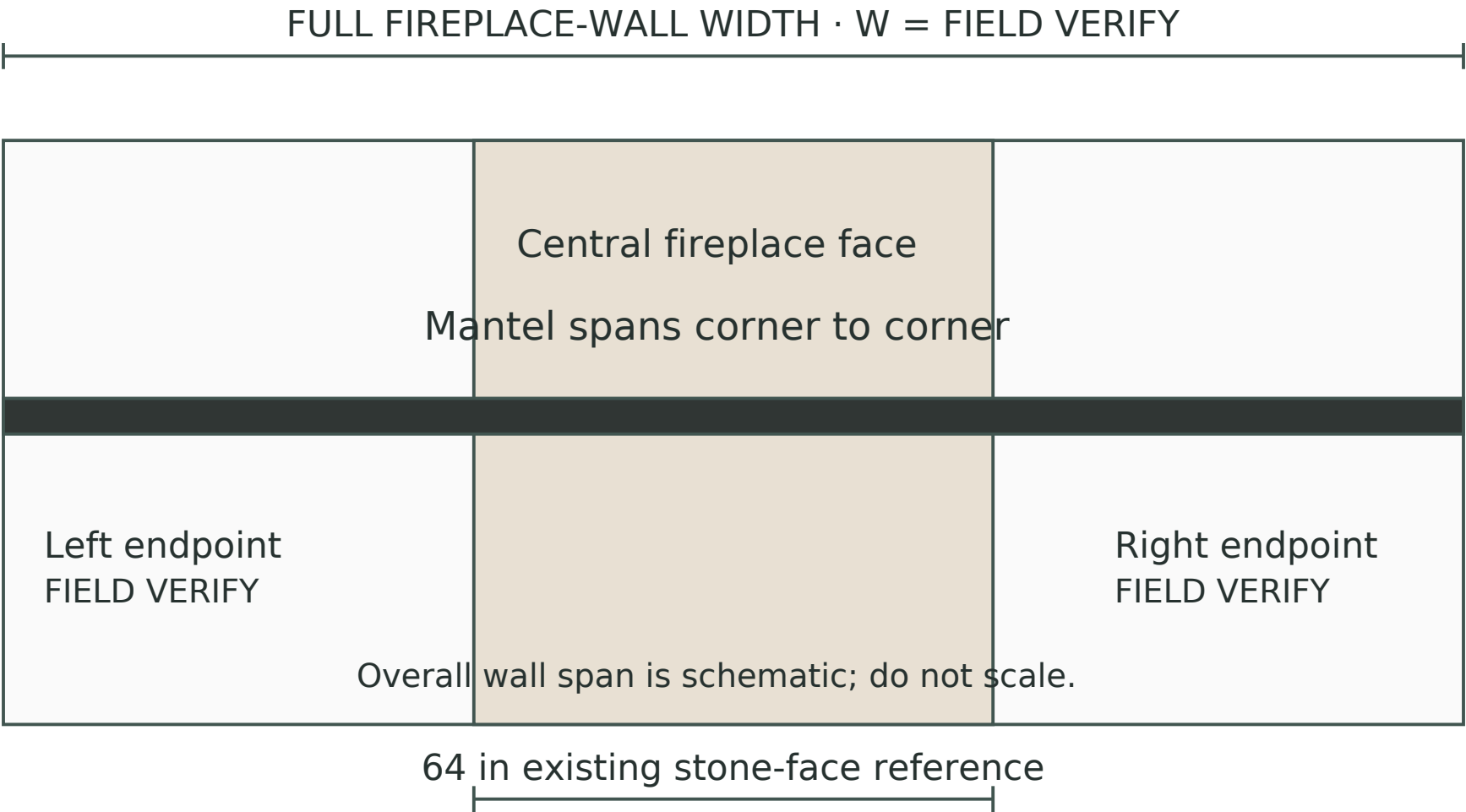
Finished stone face 12-13 in from original wall

Return depth = actual distance to retained factory face · TBD

Confirm permissible facing overlap, noncombustible zones, movement joints and edge termination.
Do not cover louvers, glass/door removal, convection openings, gas shutoff or lower service access.
46¹/₈ × 26³/₄ in is the recorded opening; remeasure finished clear opening after allowable transitions.

07 / FULL-WIDTH MANTEL RELATIONSHIP

OWNER/GC DIRECTION · full fireplace wall, not 72 in or a 4 in stone-side overhang



Preserve VIS-02 windows and spacing; field-check mantel elevation, window trim and endpoint conflicts. Custom dark floating metal. Leading edge ≈20-21 in from original wall; ≈8 in beyond finished stone. Thickness, elevation, finish, attachment/backing, loads and manufacturer clearances remain open.

08 / MATERIAL & EVIDENCE STRIP

Actual stone / floor / trim photographs; dark metal is direction only, not a verified sample



RIVER CANYON

SKU 101022556

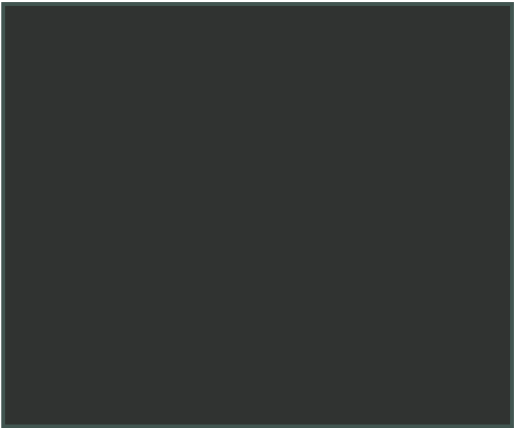
Actual project sample photo
Larger lower stones reference



DURHAM HICKORY II

SKU 100598689

Actual plank · IMG_0927
Hand-scraped wood



DARK METAL

Direction swatch only
No approved finish sample



EXISTING WHITE TRIM

Actual photo · IMG_0737
Profile / height / thickness
FIELD VERIFY

Do not use the small VIS-02 stone inset for color matching. Photography and lighting affect perceived color. Floor label IMG_0928 confirms Durham Hickory II / 100598689. Trim photo establishes appearance only. Confirm physical samples and final finish approvals before ordering or fabrication.

Field verification / release hold points

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1. Exact fireplace-wall width and mantel endpoint conditions
2. Final forward face width/height, ceiling pitch and top scribe; 64 × 94 is existing reference
3. Exact finished face depth within 12–13 in and component build-up
4. Mantel thickness, elevation, window-glazing/trim conflict, finish, fabricator, structural attachment/backing and loads
5. Hearth height TBD; 2 or 3 in reference only, not released; cap thickness, material, joints and support TBD
6. Firebox datum, actual recession, return depth, opening transition and permitted overlap
7. Heatilator data plate, exact model/suffix, installed gas equipment identification and applicable manuals/clearances
8. Gas key/shutoff access, service removal paths, chimney/enclosure air spaces and circulation clearance
9. Existing trim profile, height, thickness, paint and physical sample match

Heatilator HD42 family is a working identification only. Verify data plate and exact suffix, documents 12955 (4-14-88), 12063 (6-6-88), and installed gas equipment listing. No conceptual dimension overrides applicable manufacturer clearances, service/gas access, structural backing or field measurements.

Do not move the appliance or chimney. No fabricated firebox extension is approved. Preserve service removal paths and permanently accessible gas shutoff. No final material/fabrication or construction release is established by VIS-03.