# The plan and images are not yet synchronized.

The compact 60-foot plan is the current basis. Earlier interior images retain a wider scheme, and the new fireplace/bar have not been built into the published 3D geometry.

**GATHERING FOOTPRINT**
## 2,039 SF
60.0 ft x 33.98 ft; nominal trace

**CROSS-GABLE PEAK**
## 27.0 ft
Above the upper floor; outer roof

**EARLIER INTERIOR WIDTH**
## 72.0 ft
20% wider than the compact core

**LOWER LEVEL**
## 13.0 ft
Floor-to-floor; not clear truck height

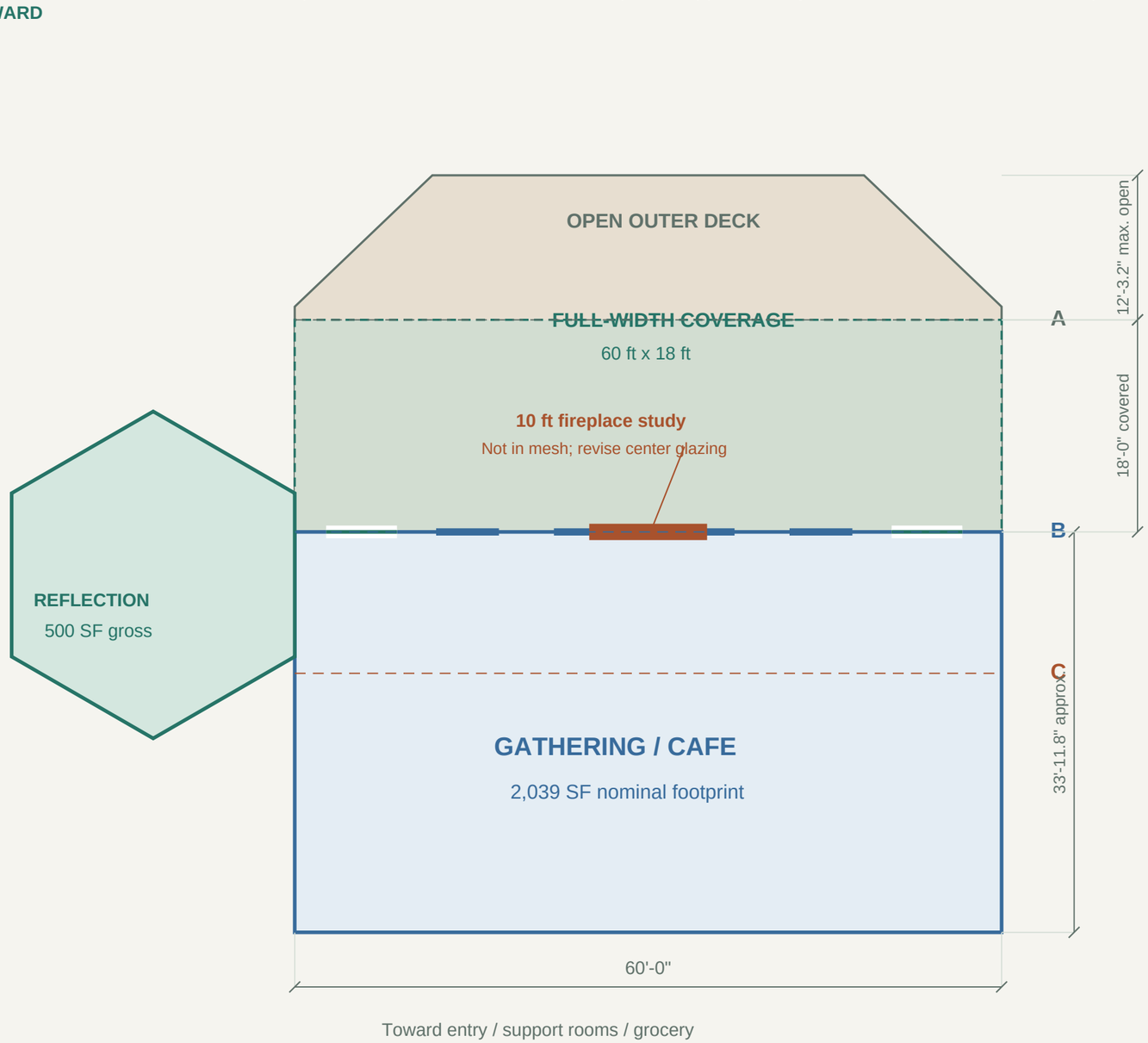
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|---|---|---|
| **Plan area** | A1 labels gathering/cafe about 2,000 SF; the scaled model roof footprint is 2,039 SF. | Nominally consistent; the difference is within graphical/wall-face uncertainty. |
| **Interior provenance** | The fireplace study references V18 and an approximately 72-foot core, not the later 60-foot compact model. | Confirmed discrepancy. Rebuild the interior from the compact model. |
| **Roof shape / volume** | The current mesh uses intersecting gables. The glass-wall shoulders are 21 ft high; the center is 27 ft. | The simple-gable reading of the interior does not establish this actual cross-vault. |
| **Fireplace / glazing** | No fireplace object exists in the published model. Earlier stone study is 10 ft wide; the center pier gap is only 4.67 ft. | Model the pass-through unit once and revise the central glazing consistently. |
| **Bar, furniture and capacity** | The seating-focused U bar and furniture are image staging, without coordinated footprints or occupied-seat clearances. | No verified seating count, usable dining area or aisle takeoff can be issued yet. |
| **Exterior / reflection room** | The new exterior is an approved visual edit, not a direct render of the compact native geometry. | Keep it labeled as concept until roof, wall and deck projections are reconciled. |

**Coordination decision: retain the compact plan as the floor-area control. Use a single updated model for the roof envelope, glazed wall, pass-through fireplace and bar staging before issuing further dimension-dependent interior/exterior views.**

Basis: Nov 9 A1 image; compact-plan trace preserved in V29; published model version 15 (actual roof triangles); V22 fireplace proposal metadata. Heights and roof pitch are model assumptions, not architect-issued sections.

# Plan check: enclosed room, terrace and reflection room

This diagram uses the same coordinates as the published mesh. The blue room footprint is approximately 2,039 SF; exterior decks are separate.




### WHAT IS CHECKED

The mesh cafe roof projects to 60.000 ft x 33.982 ft. Its area agrees with the current compact cafe polygon to less than 0.01 SF computationally. This does not improve the accuracy of the source image trace.

### SOURCE LABEL VS MODEL

A1 labels gathering/cafe about 2,000 SF. The 2,039 SF trace includes nominal boundary allocation. It is not a certified 2,039 SF of usable furniture area.

### FIREPLACE CONFLICT

A centered 10 ft stone feature crosses both inner window banks in the current facade. The original 4.67 ft middle gap cannot take that feature without changing those openings.

### REFLECTION / DECK CHECK

The 500 SF room point is 10.2 ft beyond the cafe wall. The main deck reaches 30.3 ft. The deck therefore projects about 20 ft farther pondward than the room point in the mesh; do not read the exterior image as a measured projection.

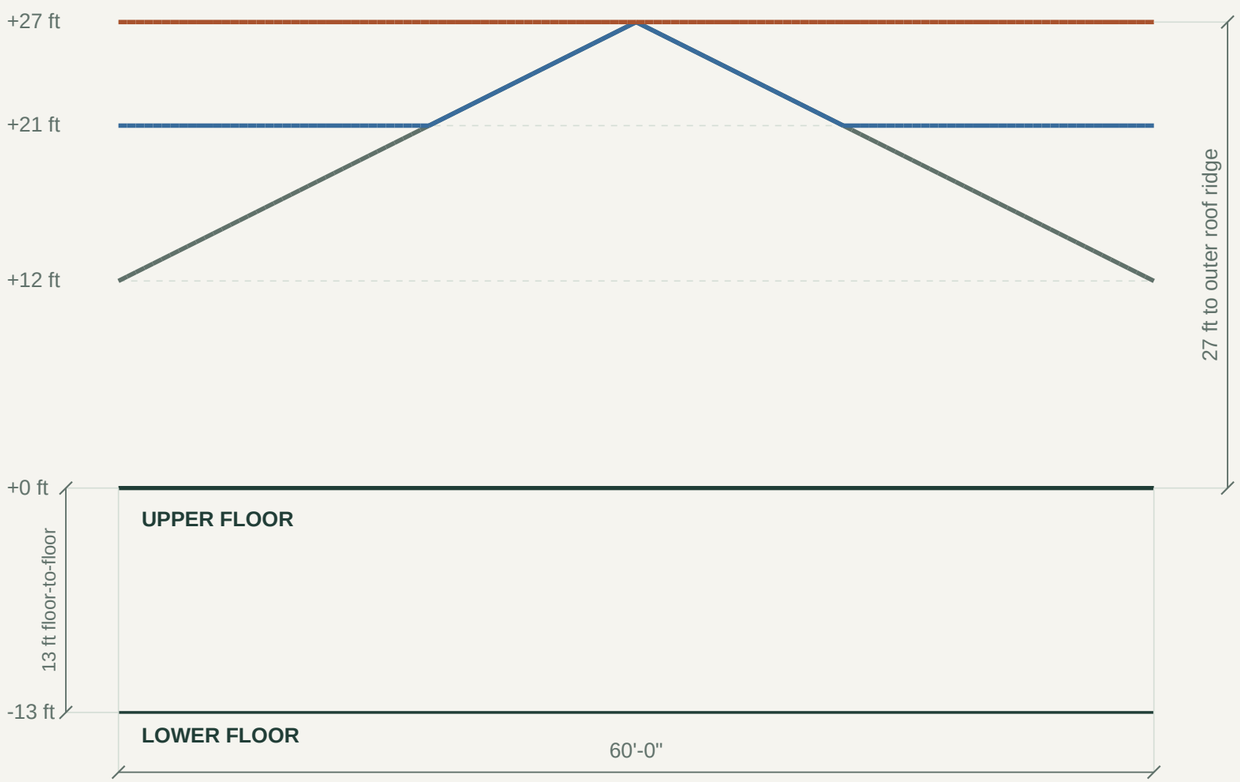
### NEXT PLAN PASS

Add the actual fireplace depth, U-bar envelope, occupied stools, queue and church-side connection. Retain open dining area and verify circulation against those real objects.

**A = outer covered-terrace edge. B = actual glazed cafe wall. C = perpendicular cross-ridge through the cafe.**

# Section check: the cross-gable changes the interior volume

Profiles below are sampled from the model roof. They are not interchangeable sections. A simple gable silhouette at the outer terrace does not describe the interior wall behind it.




### A OUTER TERRACE EDGE

At y = +18 ft: nominal shoulders 12 ft and center 27 ft above the upper floor. This is the simple triangular outline seen at the front of the terrace roof.

### B CAFE GLASS WALL

At y = 0: the intersecting cross roof raises the shoulders to 21 ft. The center remains 27 ft. The actual wall behind the terrace has raised shoulders, not a 12 ft simple-gable edge.

### C PERPENDICULAR RIDGE

At y = -12 ft: the roof is 27 ft above the floor across the full 60 ft width. This high interior cross-vault is not reliably represented by the current interior illustration.

### VOLUME AND LEGACY-IMAGE CHECK

Current cross-roof envelope: 47,253 cubic ft to the nominal soffit.

Average geometric height: 23.18 ft.

Simple same-span gable: 39,311 cubic ft; current cross-roof is 20.2% larger.

Earlier fireplace study height: 29.78 ft. Compact center soffit: 26.78 ft. Difference: about 3.00 ft.

The modeled 0.22 ft roof/soffit offset is not a real engineered structural depth. Actual clear height will depend on framing, finishes and services.

**Required correction: coordinate the roof section, central fireplace and window openings in one compact model; rebuild the interior from that model. Keep architect and structural review separate from visual approval.**