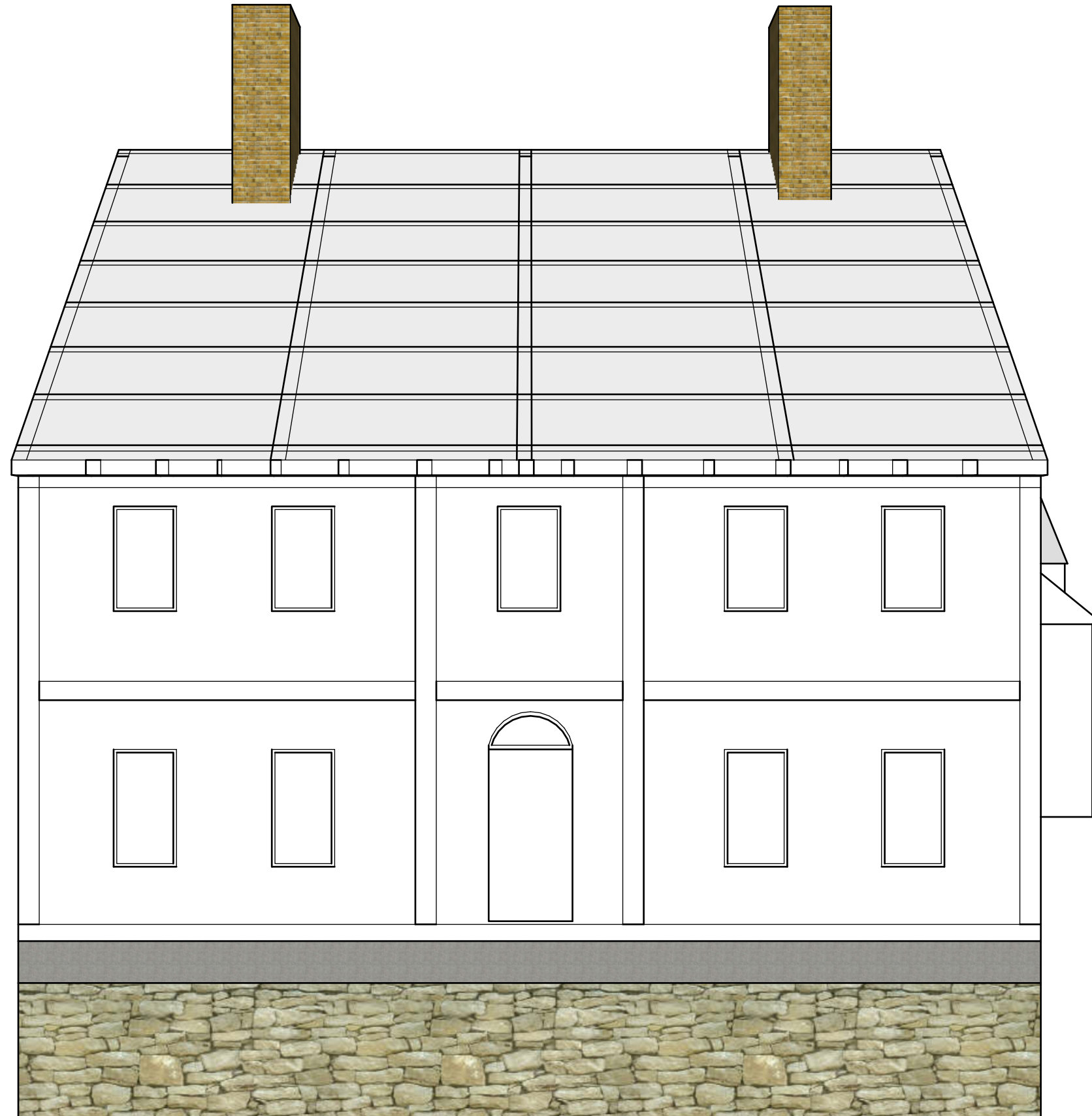


North Iso

not to scale



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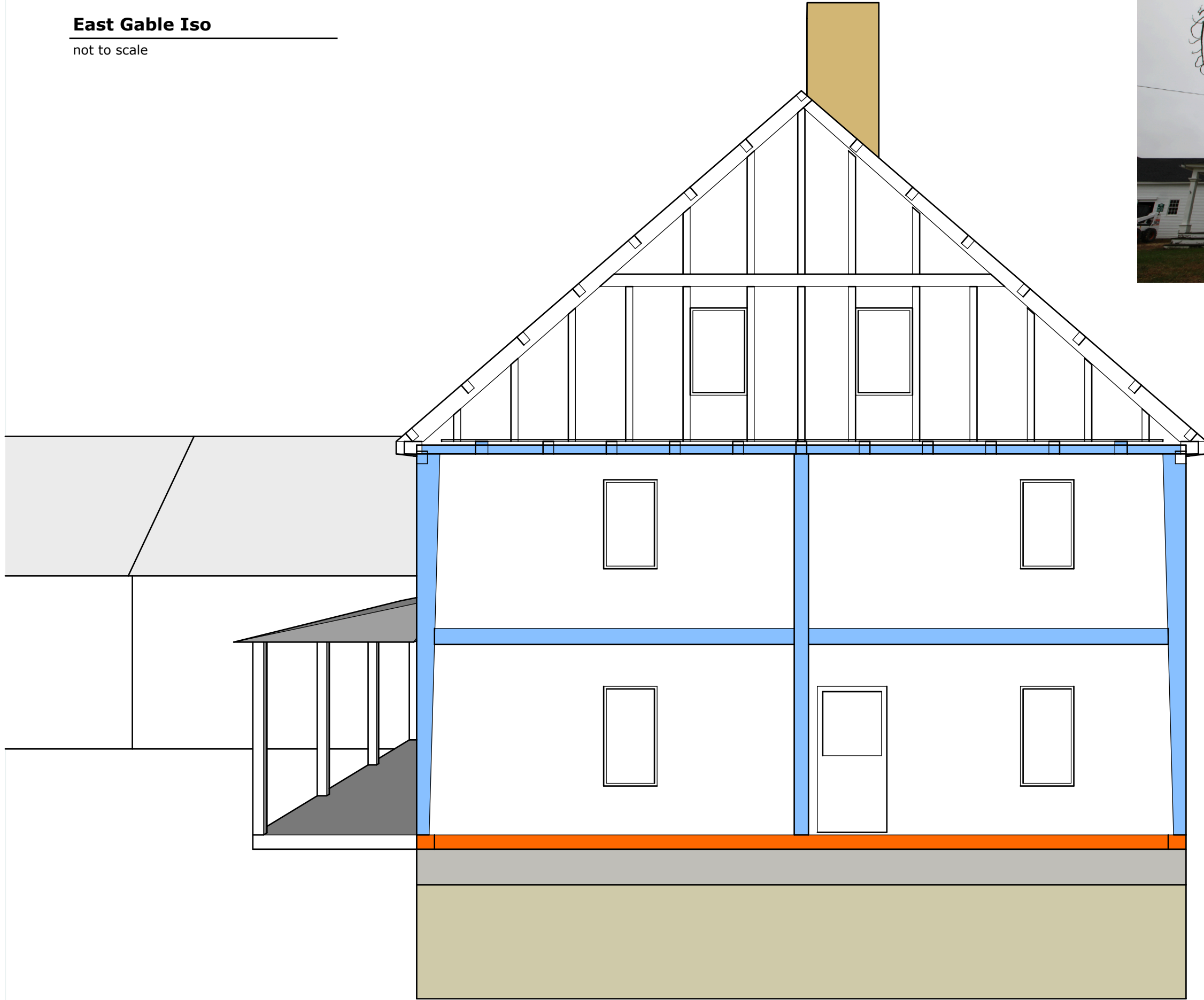
ARRON STURGIS
Office - 207.698.1695
Cell - 603.781.5725
arron@preservationtimberframing.com

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Durham, NH 03824

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Issue 001
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East Gable Iso

not to scale



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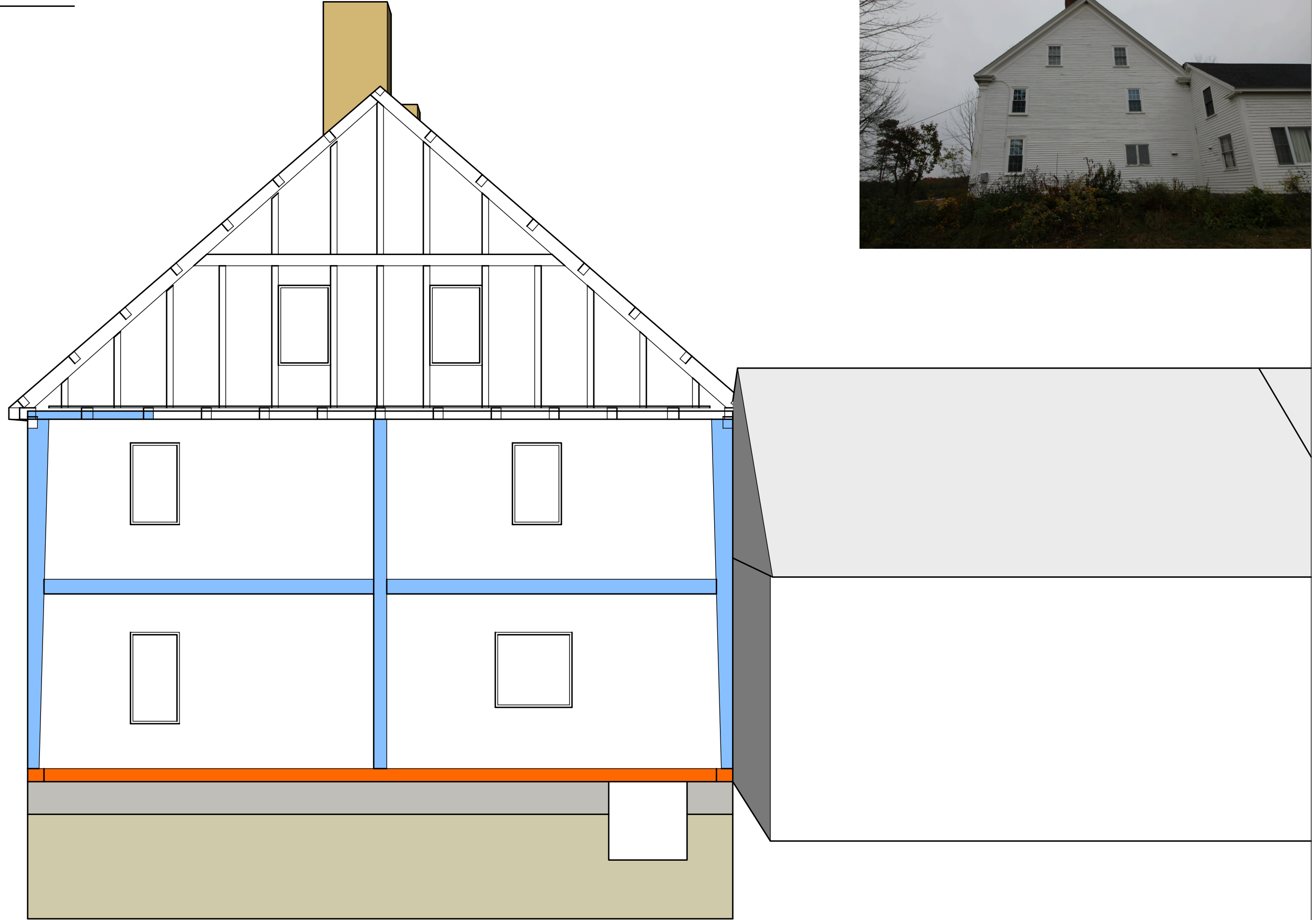
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West Gable Iso

not to scale



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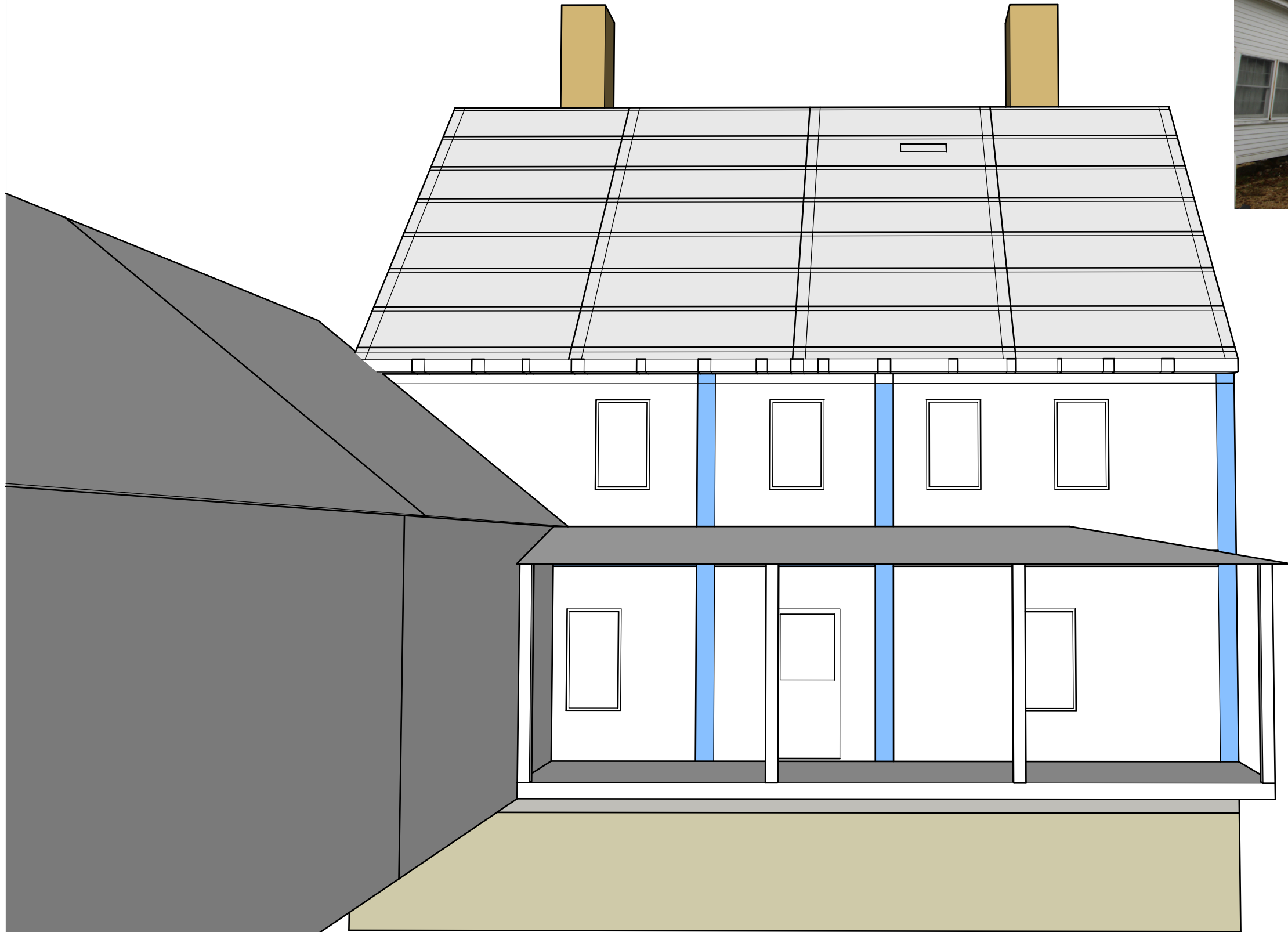
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South Iso

not to scale



PTF

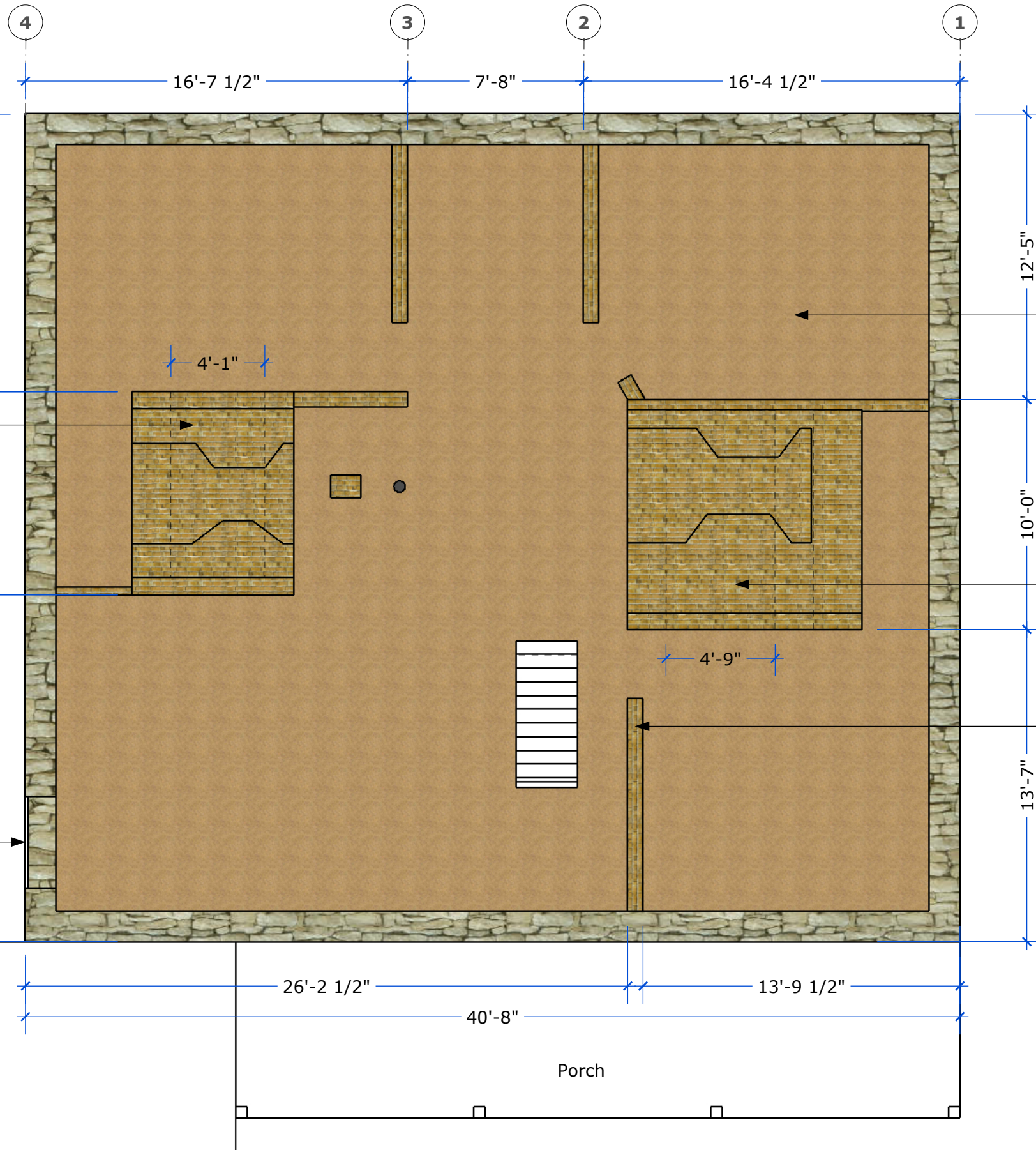
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Foundation

3/16" : 1'



Arch supports chimney mass

In this room, there is 8' 8" clearance from dirt to subfloor. Some partitions are trimmed and finished; much of the basement was once finished space. There was probably extensive storage for farm products.

Arch supports chimney mass

Bulkhead has been closed off to prevent water infiltration. It should be opened, and furnaces removed. There are three furnaces and five unused water heaters in the basement

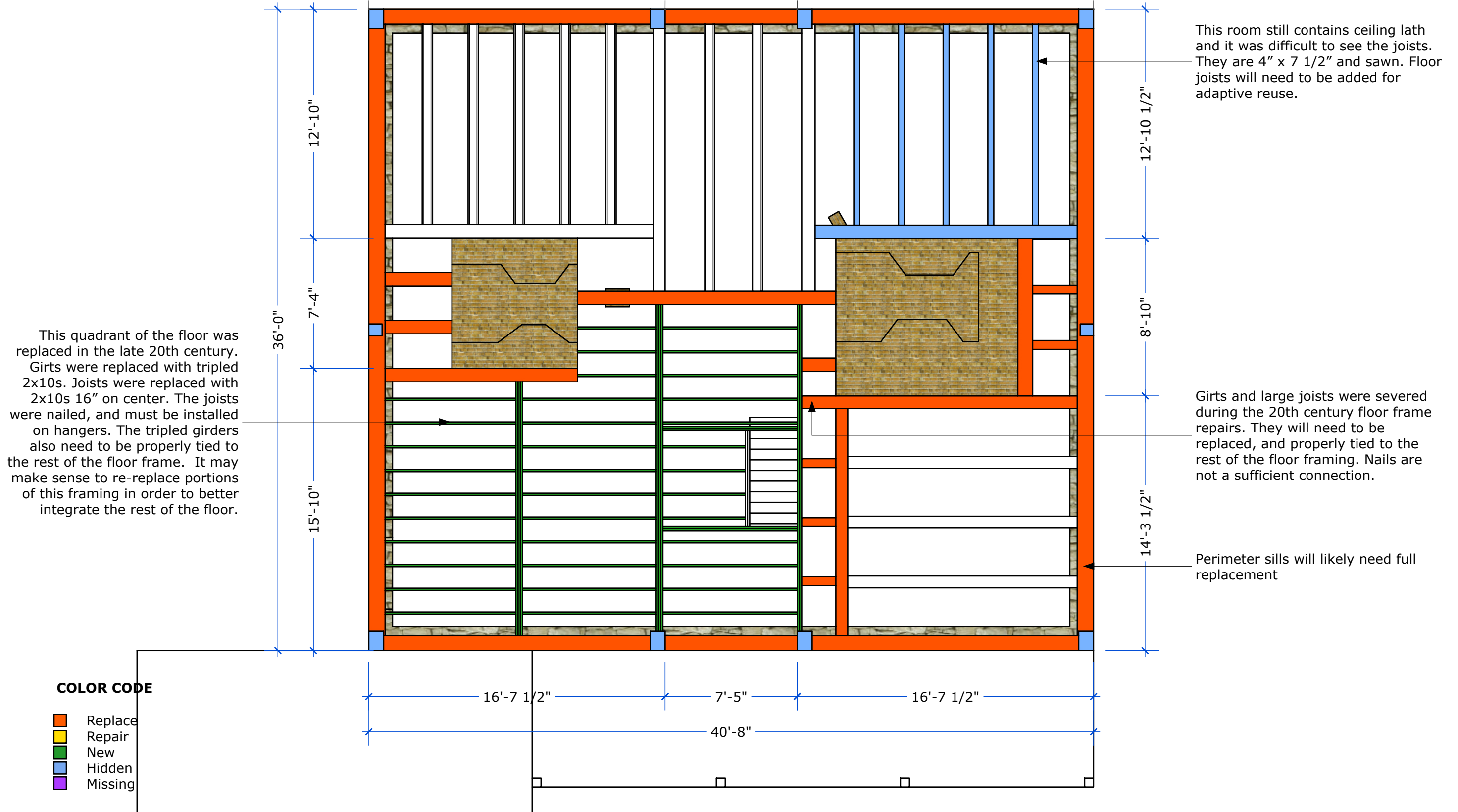
Original floor girts are supported over brick partition walls. The undercarriage framing is remarkably well-supported.

Sill Level

3/16" : 1'

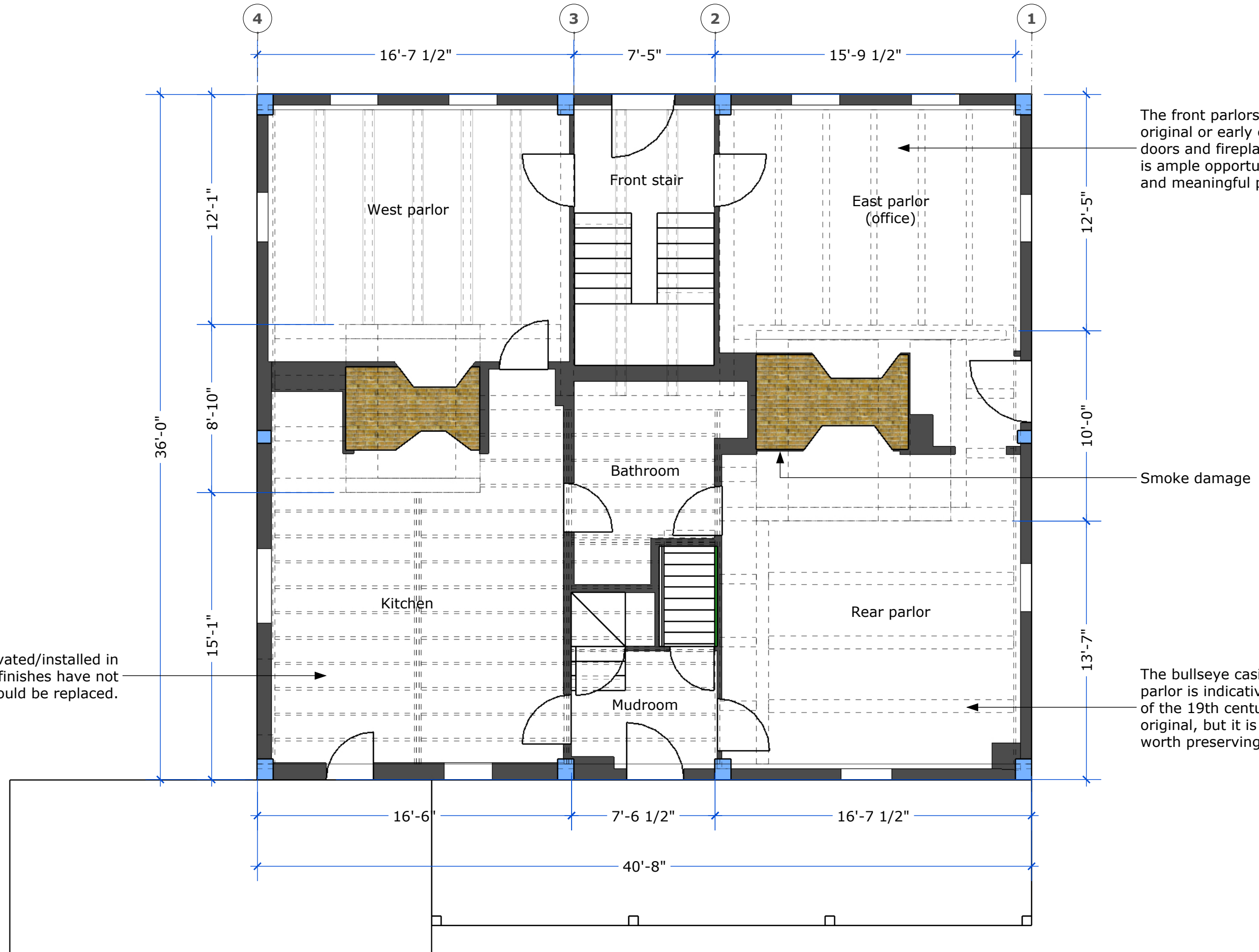


4 3 2 1



First Floor Plan

3/16" : 1'



The front parlors and hall contain original or early casings, shutters, doors and fireplace surrounds. There is ample opportunity for authentic and meaningful preservation.

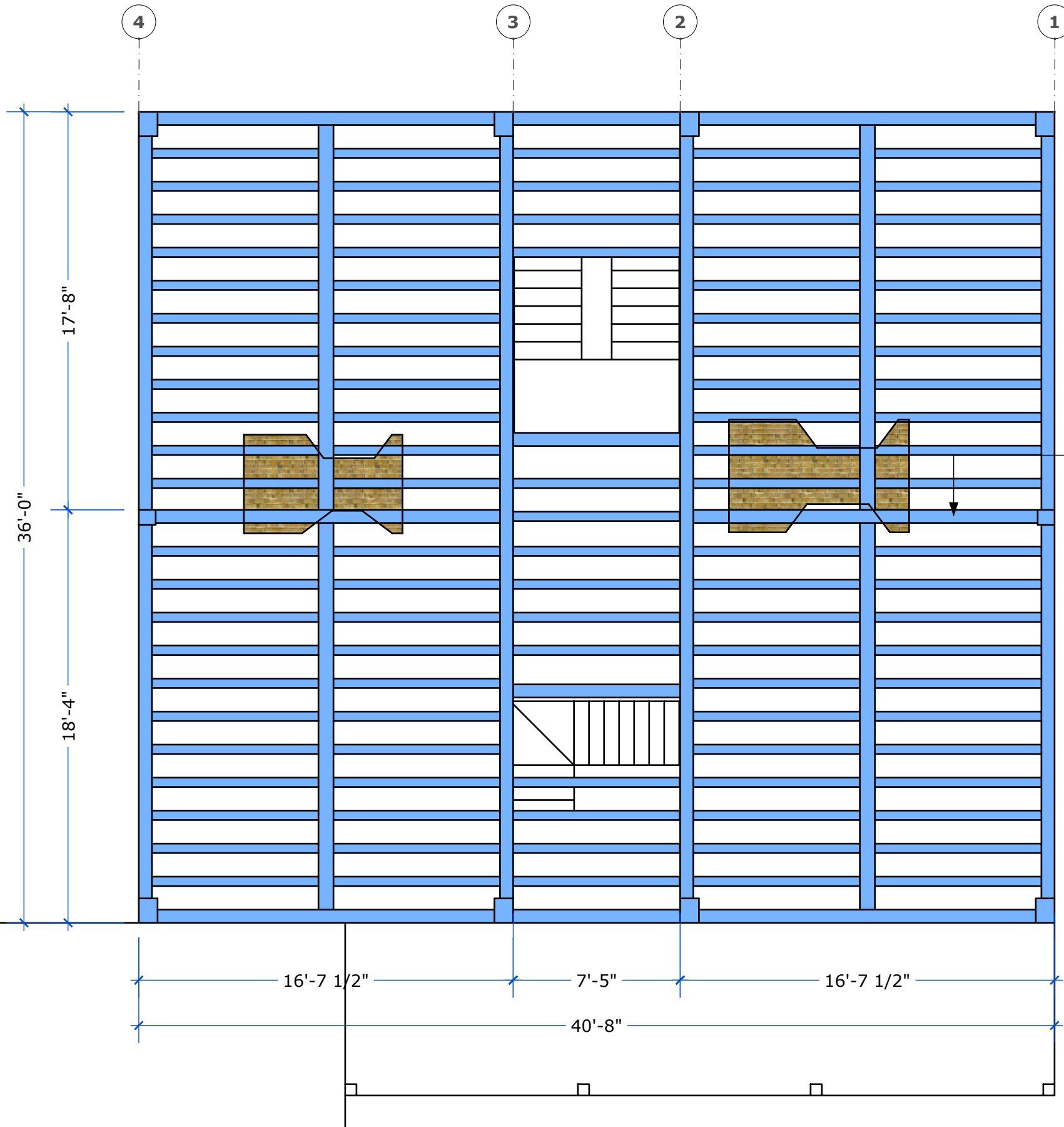
Smoke damage

Kitchen was renovated/installed in the 1970s. The finishes have not aged well, and should be replaced.

The bullseye casing in the rear parlor is indicative of the latter half of the 19th century. It is not original, but it is significant and worth preserving.

Second Floor Framing

3/16" : 1'



COLOR CODE

- Replace
- Repair
- New
- Hidden
- Missing

PTF

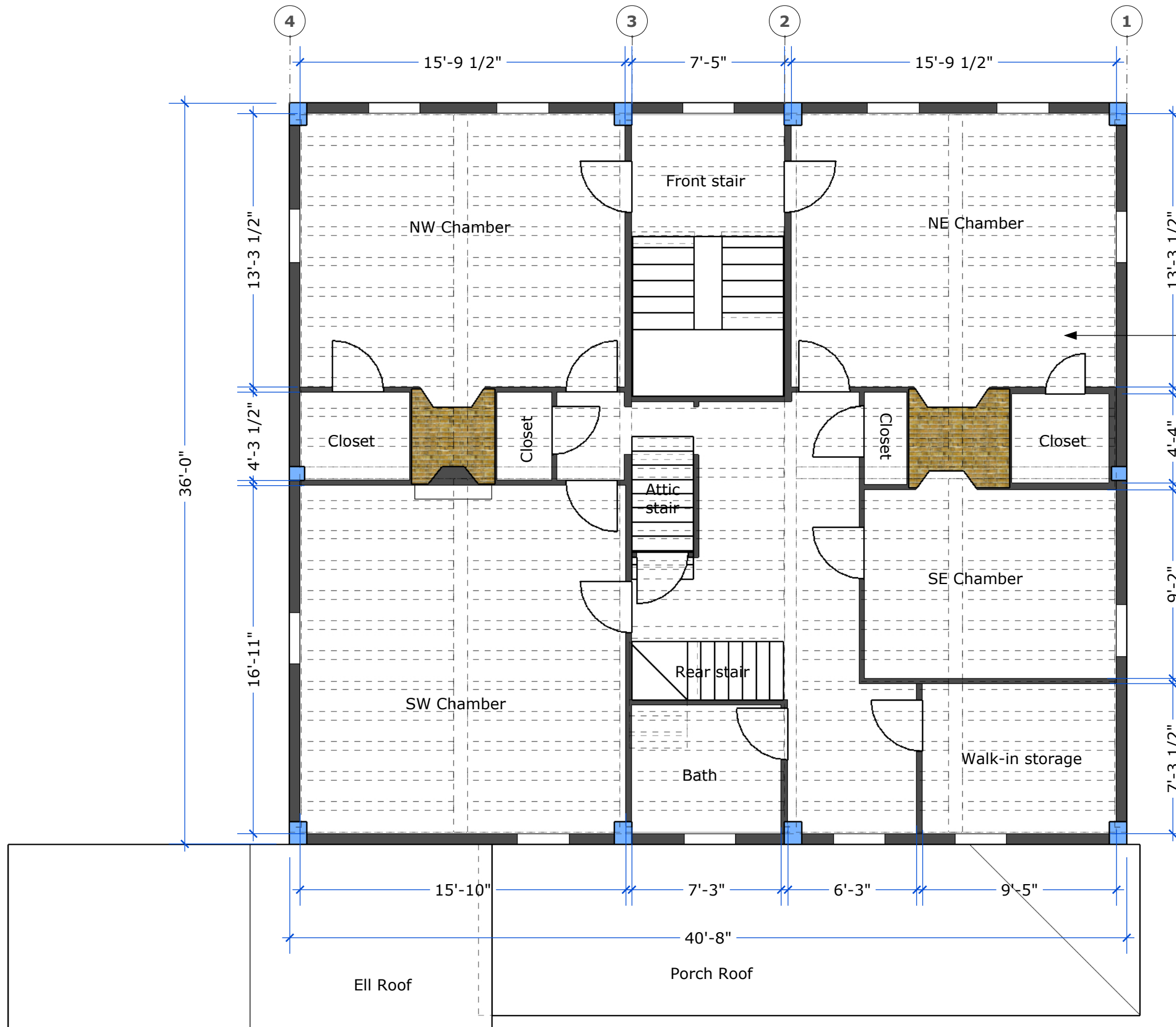
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Second Floor Plan

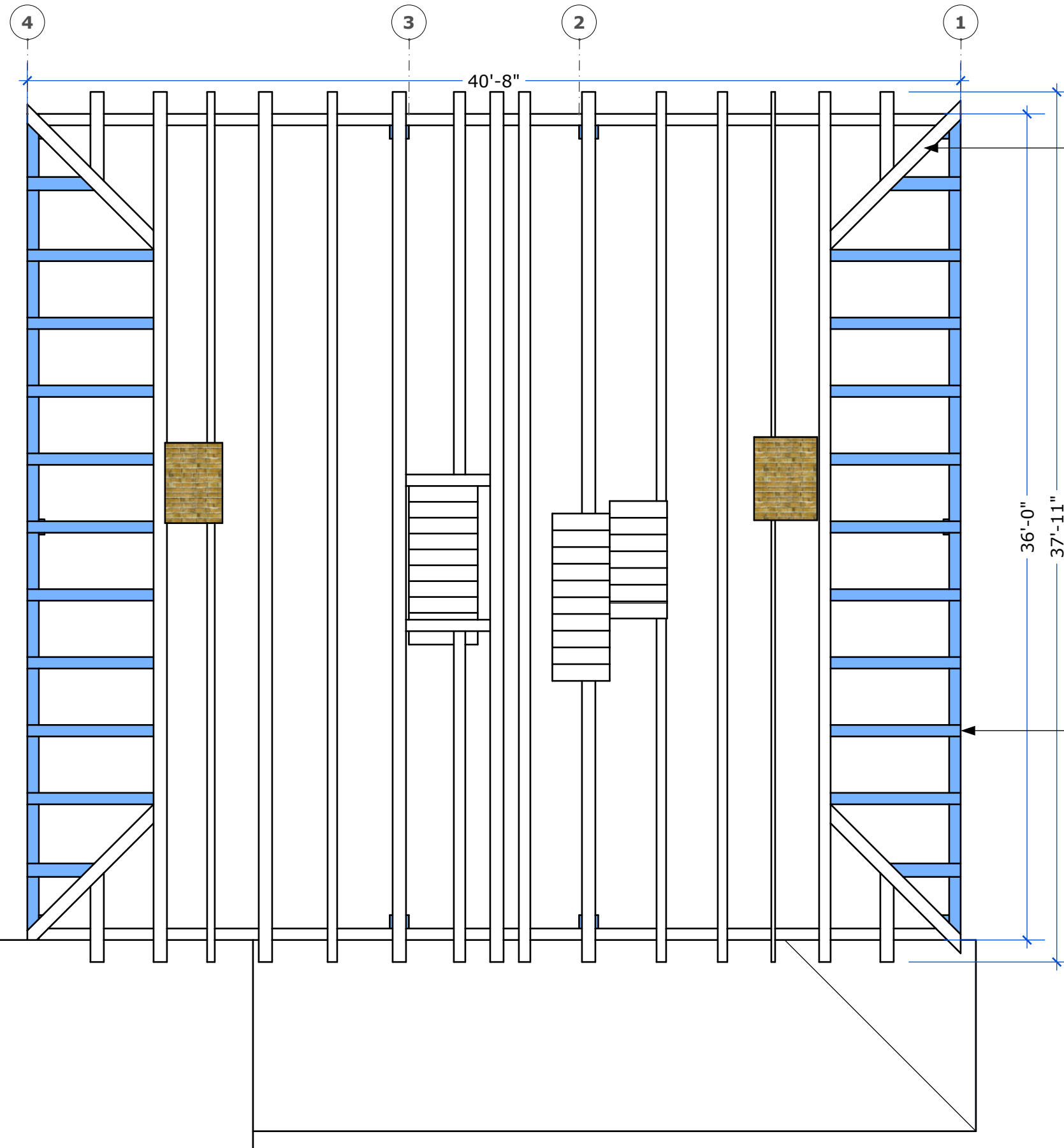
3/16" : 1'



Original or early trim, casings, fireplace surrounds, interior shutters, wall partitions located in every upstairs room except bathroom. This floor has excellent preservation and re-use potential.

Tie Beam

3/16" : 1'



Diagonal "dragon" braces

The attic floor is supported on a series of continuous tie beams. The roof was originally hipped, and was rebuilt as a gable roof in the first half of the 19th century. Diagonal braces in each corner once supported the hip rafters. The first and last tie beams are probably connected to the gable wall by a series of short ties that supported the ends of the east-west rafters.

From the building exterior, it appears that these short ties were cut flush with the gable framing when the roof was rebuilt

COLOR CODE

- Replace
- Repair
- New
- Hidden
- Missing

Roof Frame

3/16" : 1'

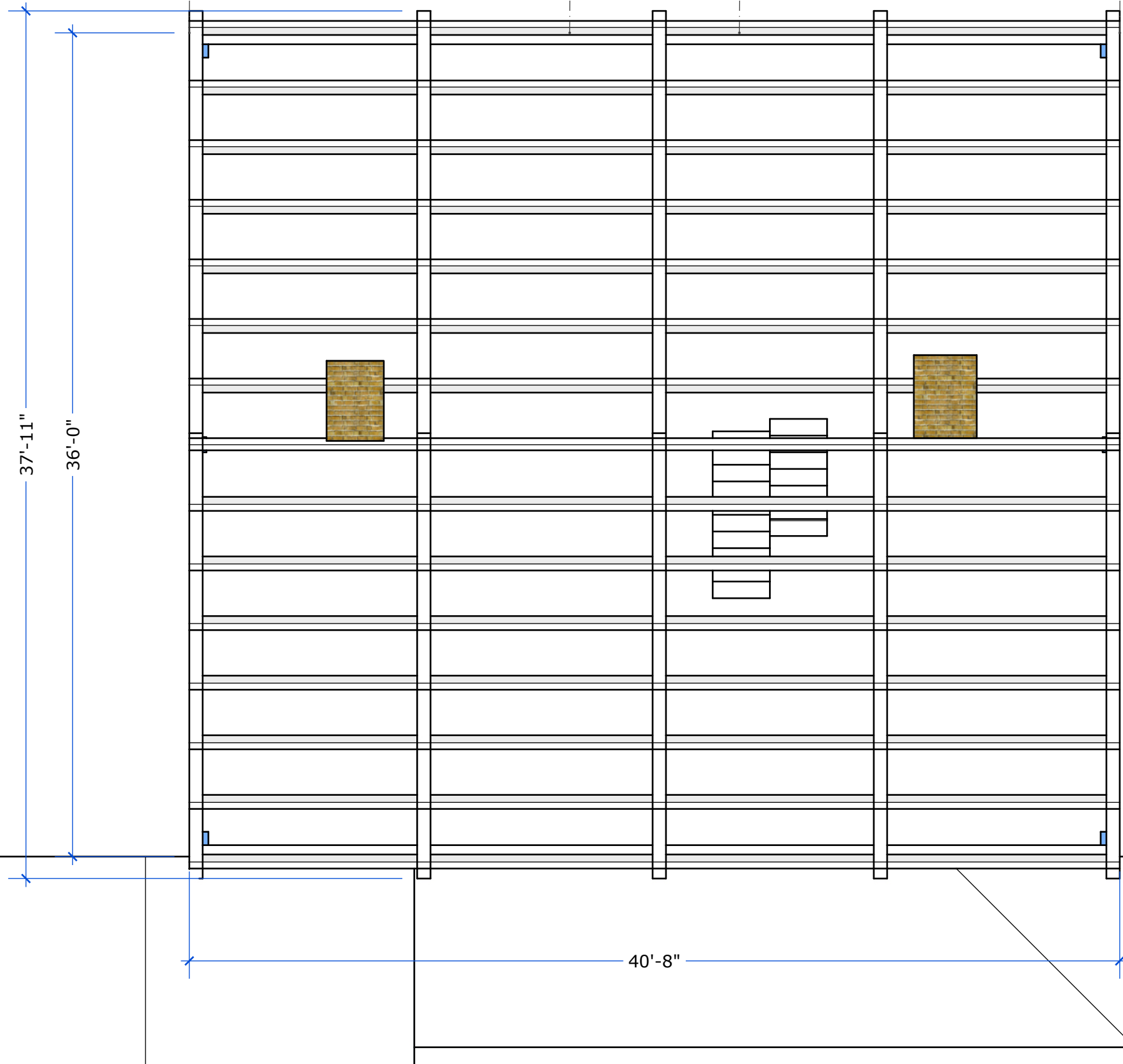


4

3

2

1



COLOR CODE

- Replace
- Repair
- New
- Hidden
- Missing

The current gable roof is composed of five pairs of hewn principal rafters. These are connected longitudinally by common purlins. The bottom two rows of purlins on either pitch are continuous for the entire eave, and taper like the saplings from which they were cut. The upper purlins are continuous over three bays, with a short purlin in the last bay. The hewn surface and frame design were popular in this region until 1850.

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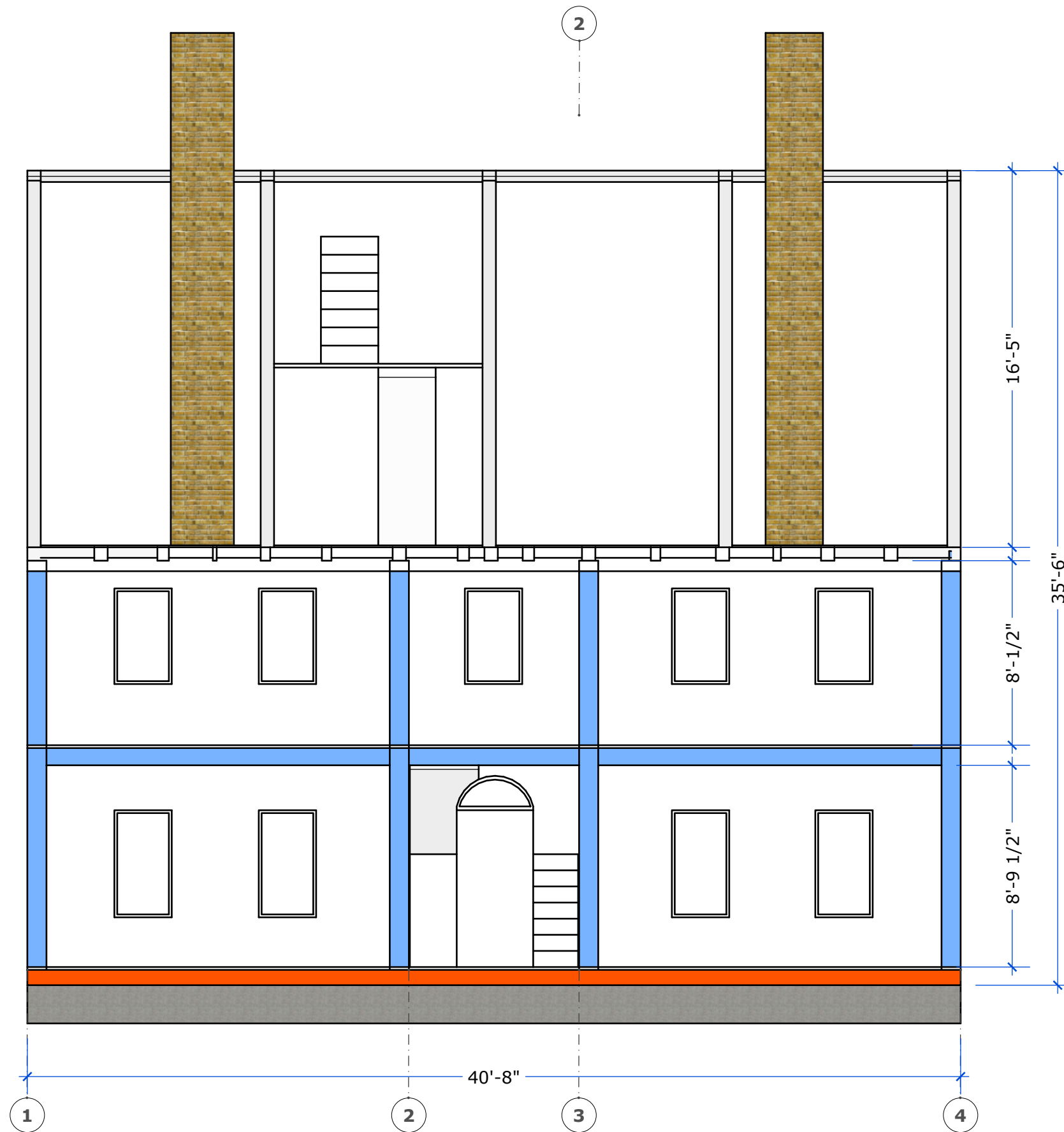
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Front Frame

3/16" : 1'



COLOR CODE

- Replace
- Repair
- New
- Hidden
- Missing

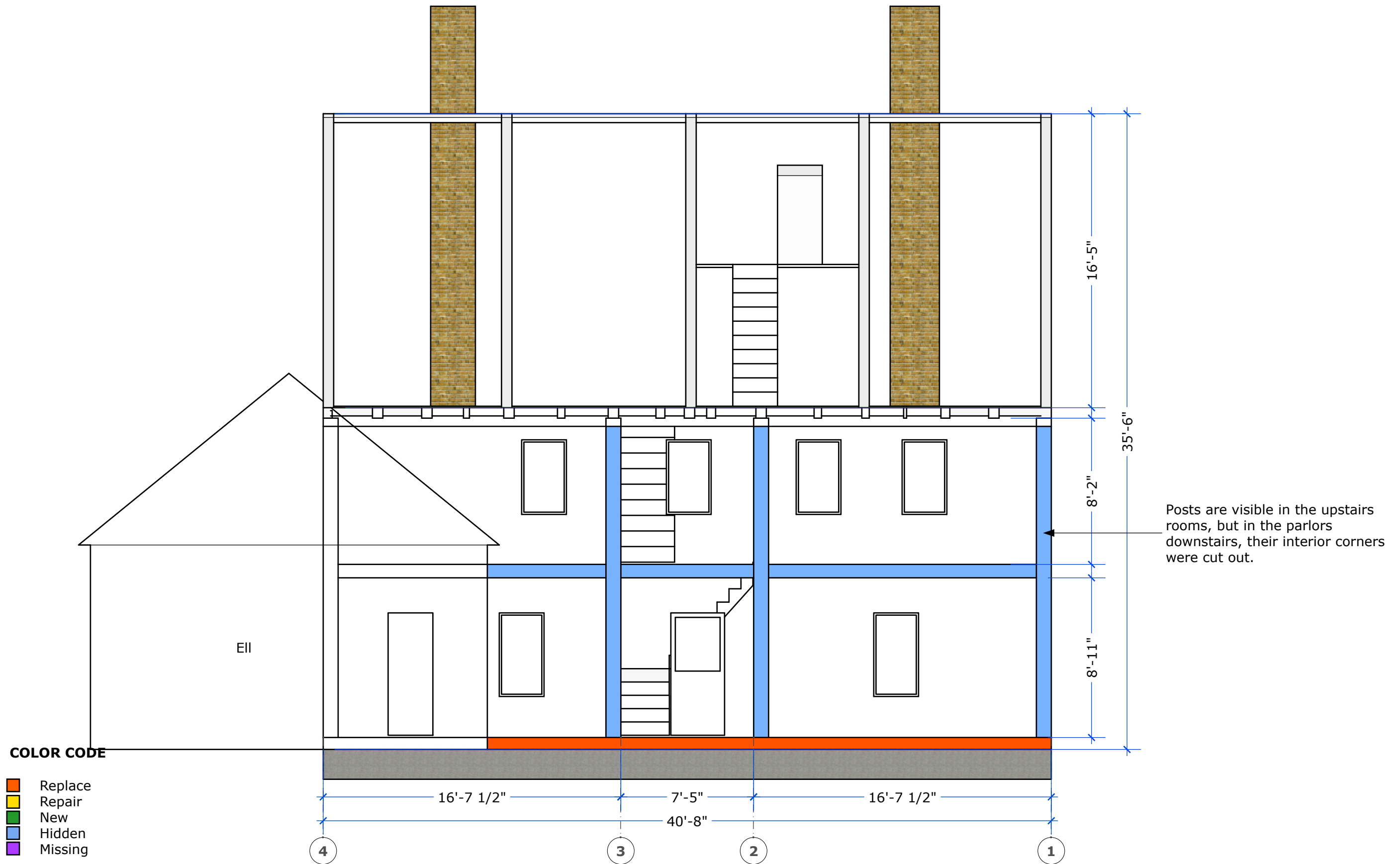
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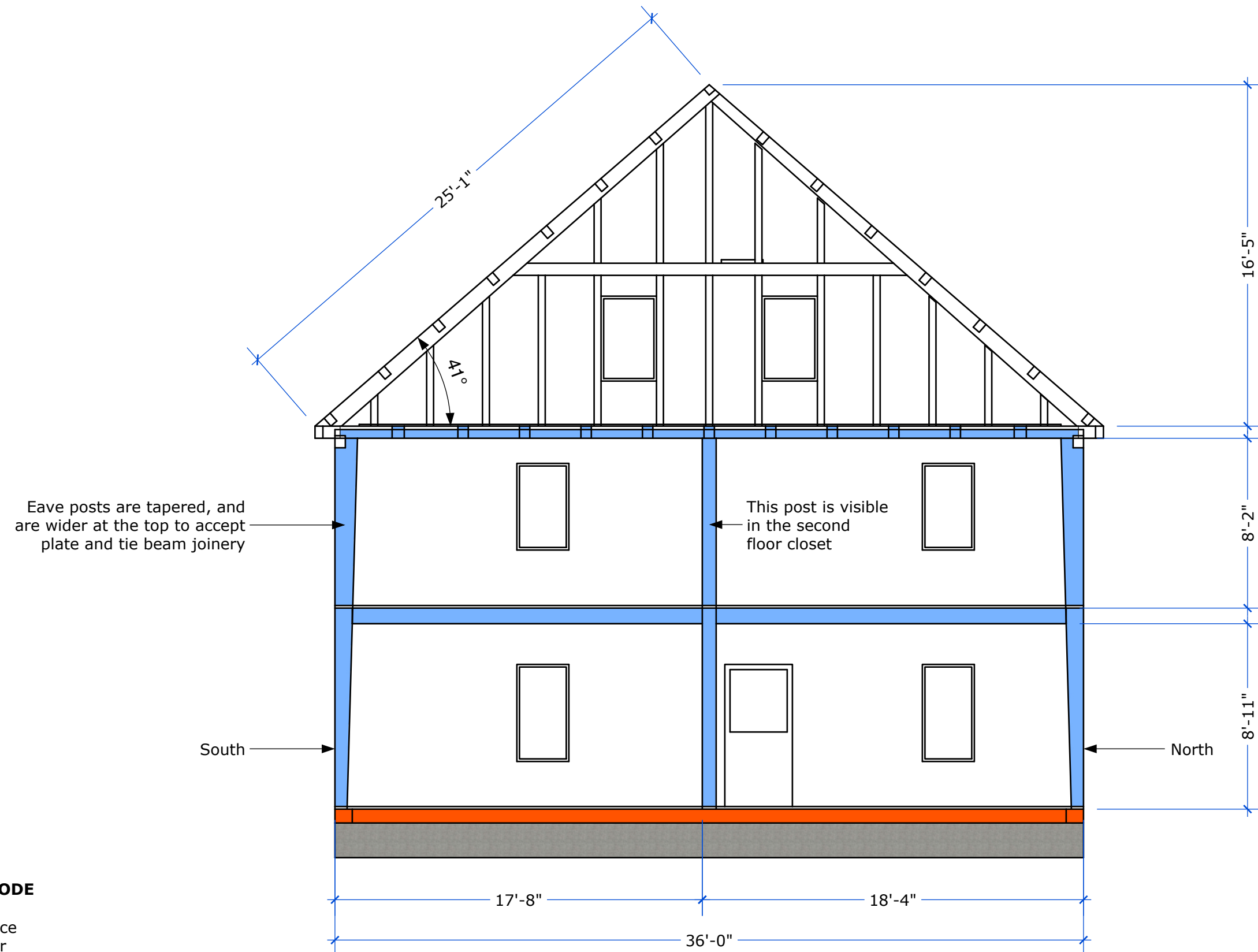
Rear Frame

3/16" : 1'



East Frame

3/16" : 1'



COLOR CODE

- Replace
- Repair
- New
- Hidden
- Missing

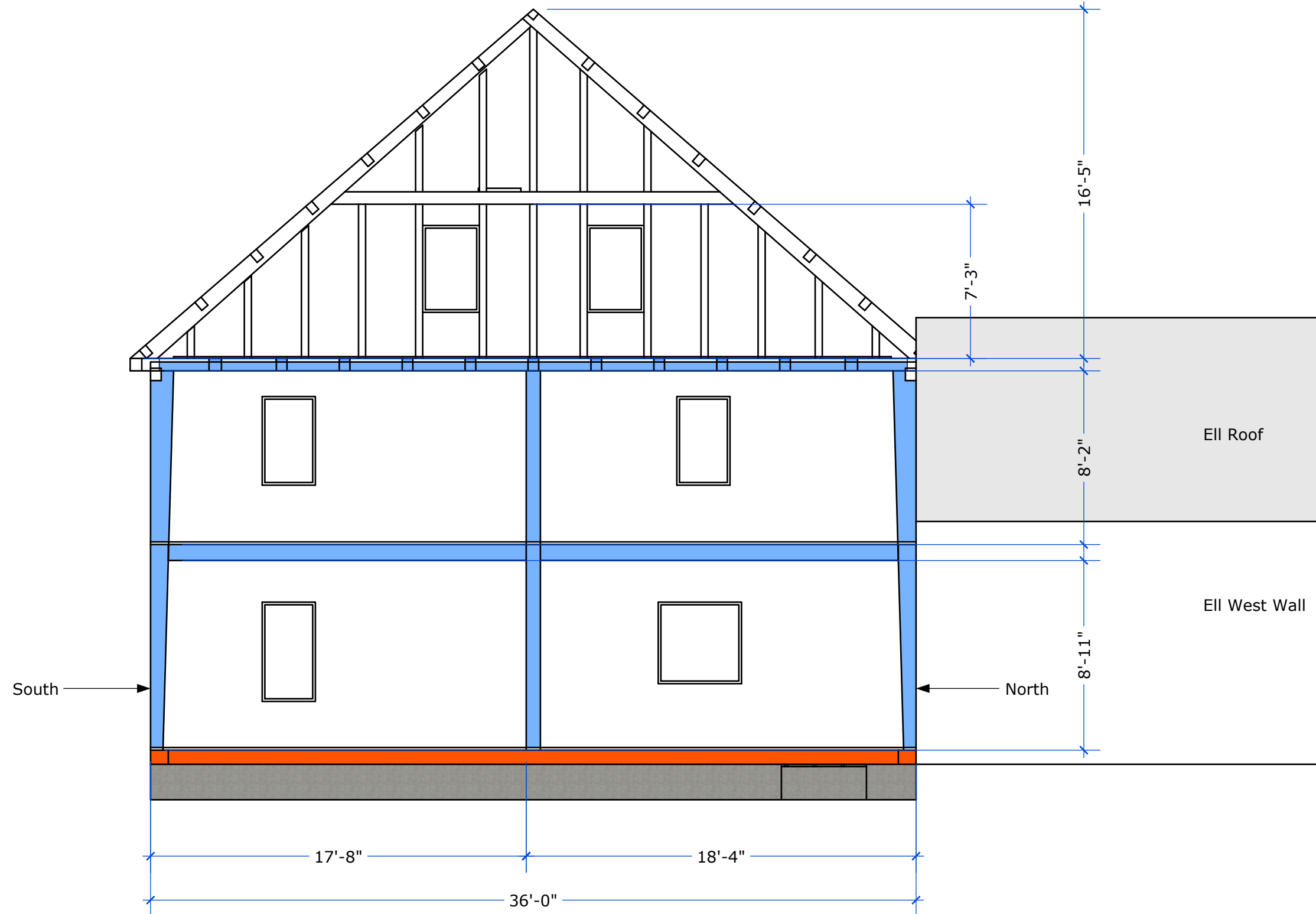
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West Frame

3/16" : 1'



COLOR CODE

- Replace
- Repair
- New
- Hidden
- Missing

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