



1 1000 SF FAMILY FRIENDLY DADU
SCALE: 1/4" = 1'-0"



KITCHEN - BUILT 2014



800 SQFT DADU VARIANT - BUILT 2014

1000 SQFT FAMILY FRIENDLY DADU

PROJECT DESCRIPTION:
This family friendly, 1000sqft, two bedroom, low cost DADU can provide housing for a family of four or more, allowing for more housing options within our growing city. By providing a simple rectangular form, we maximize the efficiency of the space, minimize the space/envelope ratio and create an easy to build home. This design can easily be mirrored or rotated to work on a variety of sites and is easily adaptable to sloping sites as well. The compact footprint and roof height allow the design to be utilized on sites of 30' and greater width.

NARRATIVE:
Low cost: This DADU reduces construction cost by using simple building systems such as stick framing to allow for the majority of practicing contractors to work on the project. Openings are sized for off the shelf window and door sizes and the slab on grade as a finished floor saves on material cost.

Green Building and design: A compact design with few corners maximizes the ratio of internal space to exterior surface thereby reducing energy loss through the envelope. The pitched roof can be outfitted with solar panels for renewable energy harvesting and the wall assembly allows for efficient air sealing and above code insulations options. This DADU meets Built Green 4 star requirements.

Estimate of construction costs: A variant of this design was built in 2014. Based on the costs from that project, we believe this project would cost from \$325,00 - \$375,000.

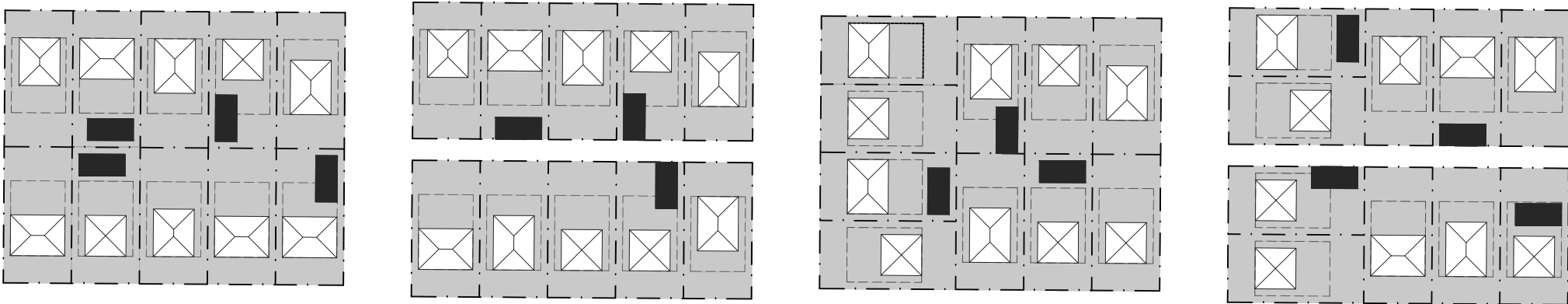
Privacy: This design can be easily mirrored or rotated to allow for the 'open' face of the building to orient toward the more private areas of the lot.

Context: The design is a simple rectangle with a gable roof and will fit a variety of existing conditions.

Culturally Responsive design: The first floor of this DADU is one open space and can be easily reconfigured for a variety of uses and spaces.

Constructability: This DADU is designed to use common building materials and methods and requires no specialized skills or trades beyond normal construction. Should homeowners wish to build this themselves, the majority of work is within normal capabilities.

Plan Cost: \$1,000 per use. \$150/hr for additional work.



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DADU Plan
for the City of Seattle

CONSULTANT

STAMP

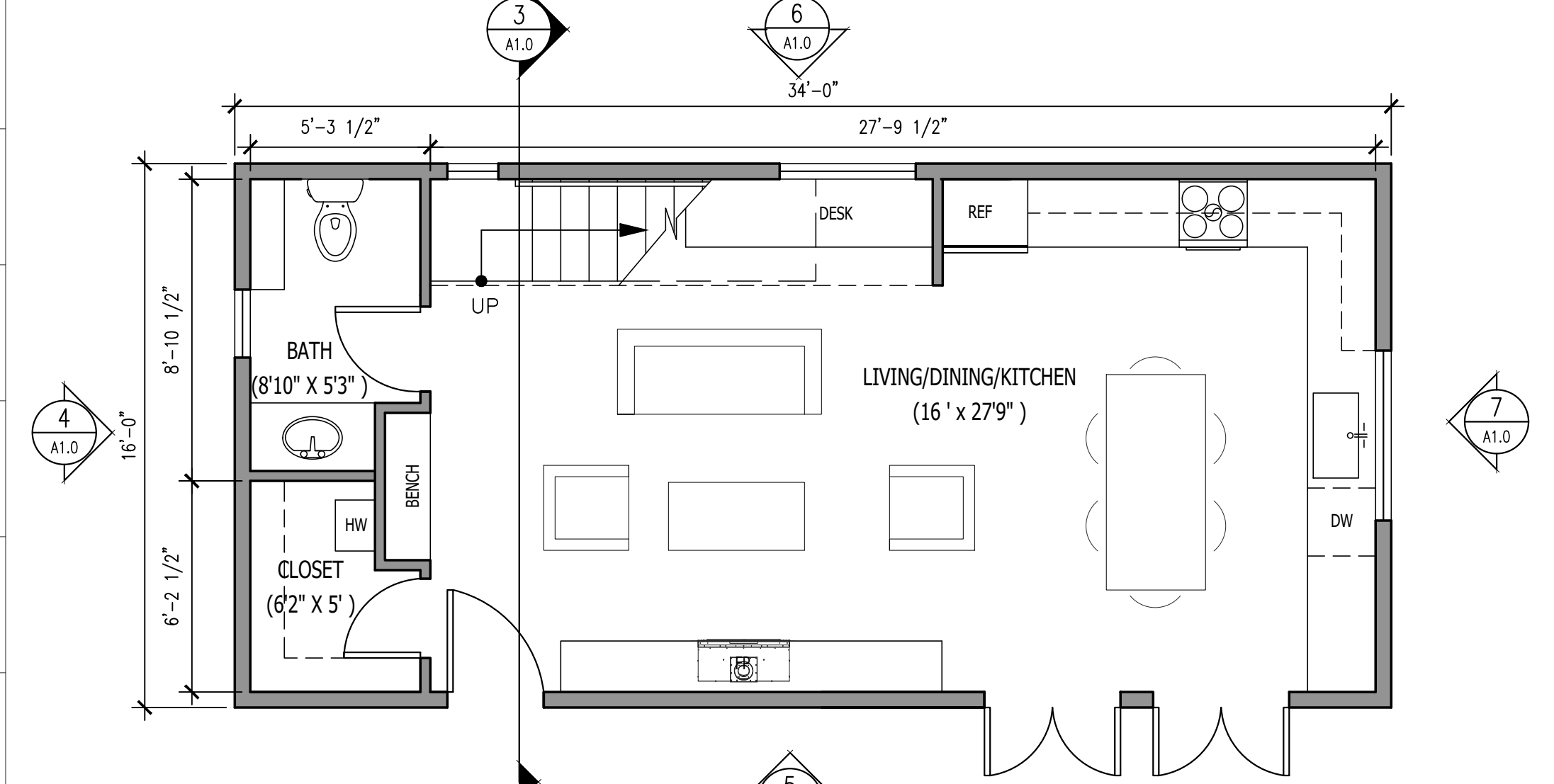
REVISIONS:

SHEET SIZE NOTE:
22x34 – SCALE AS NOTED
11x17 – 1/2 SCALE U.N.O

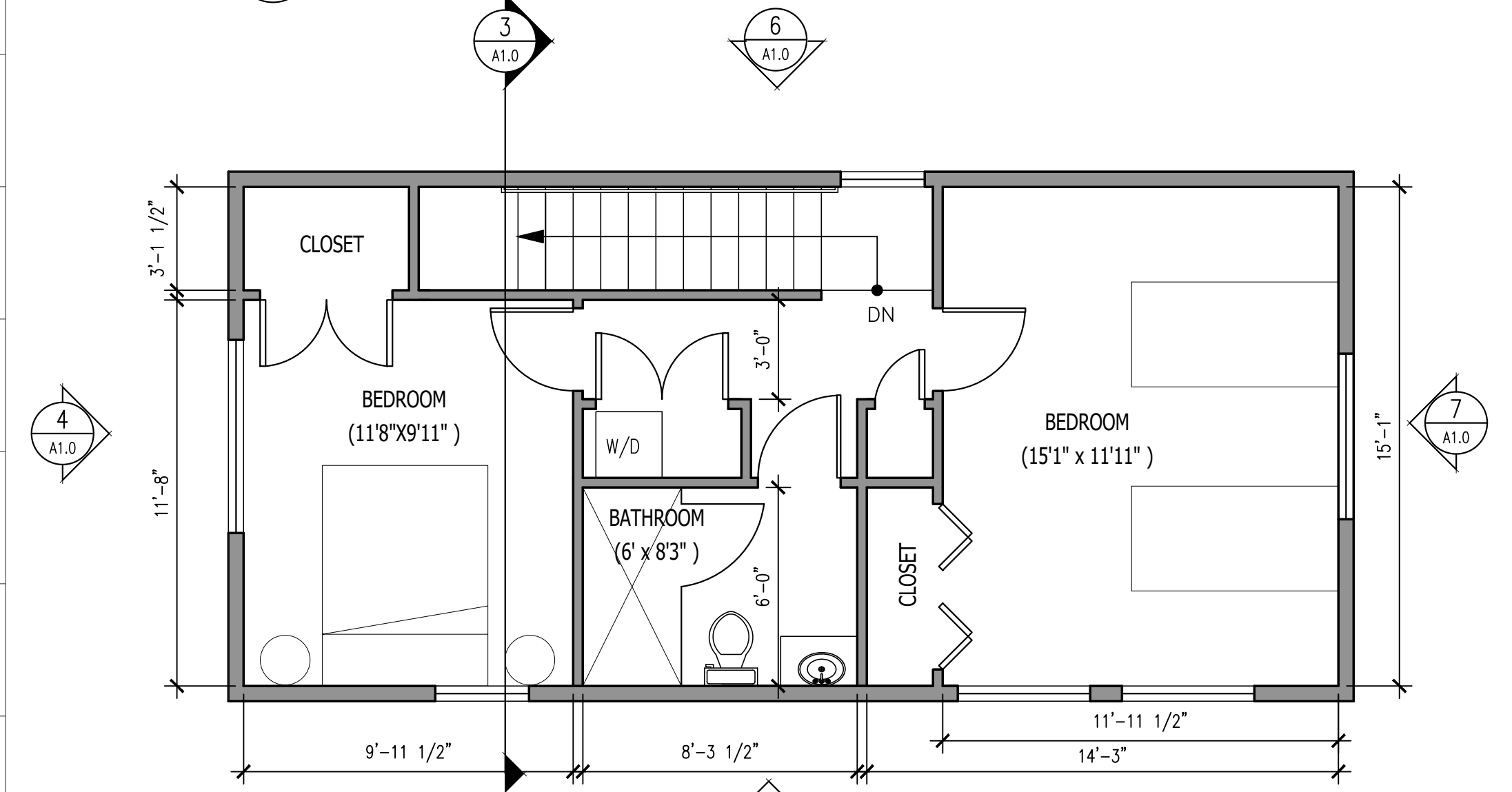
SHEET #

AHJ APPROVAL STAMP

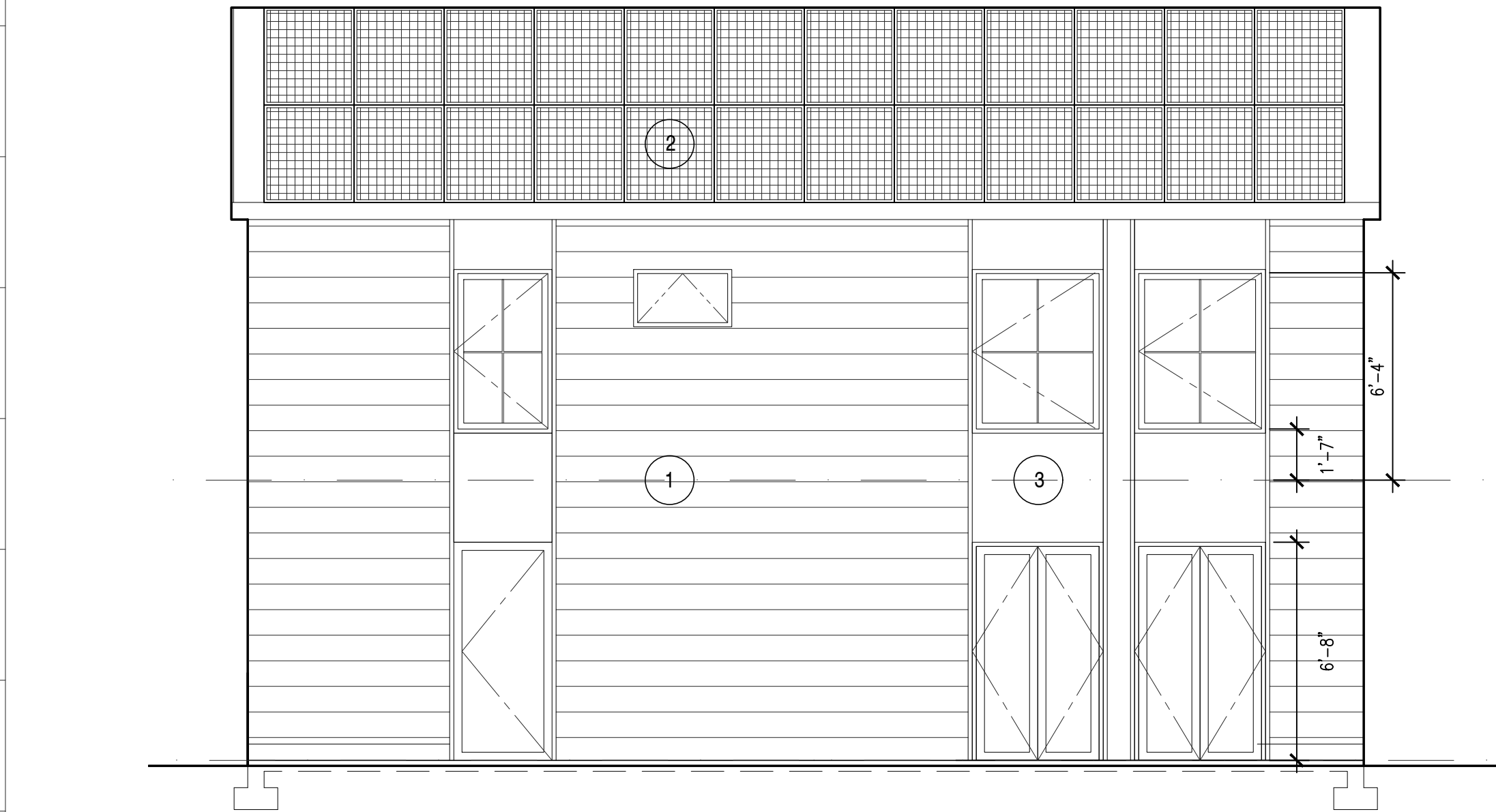
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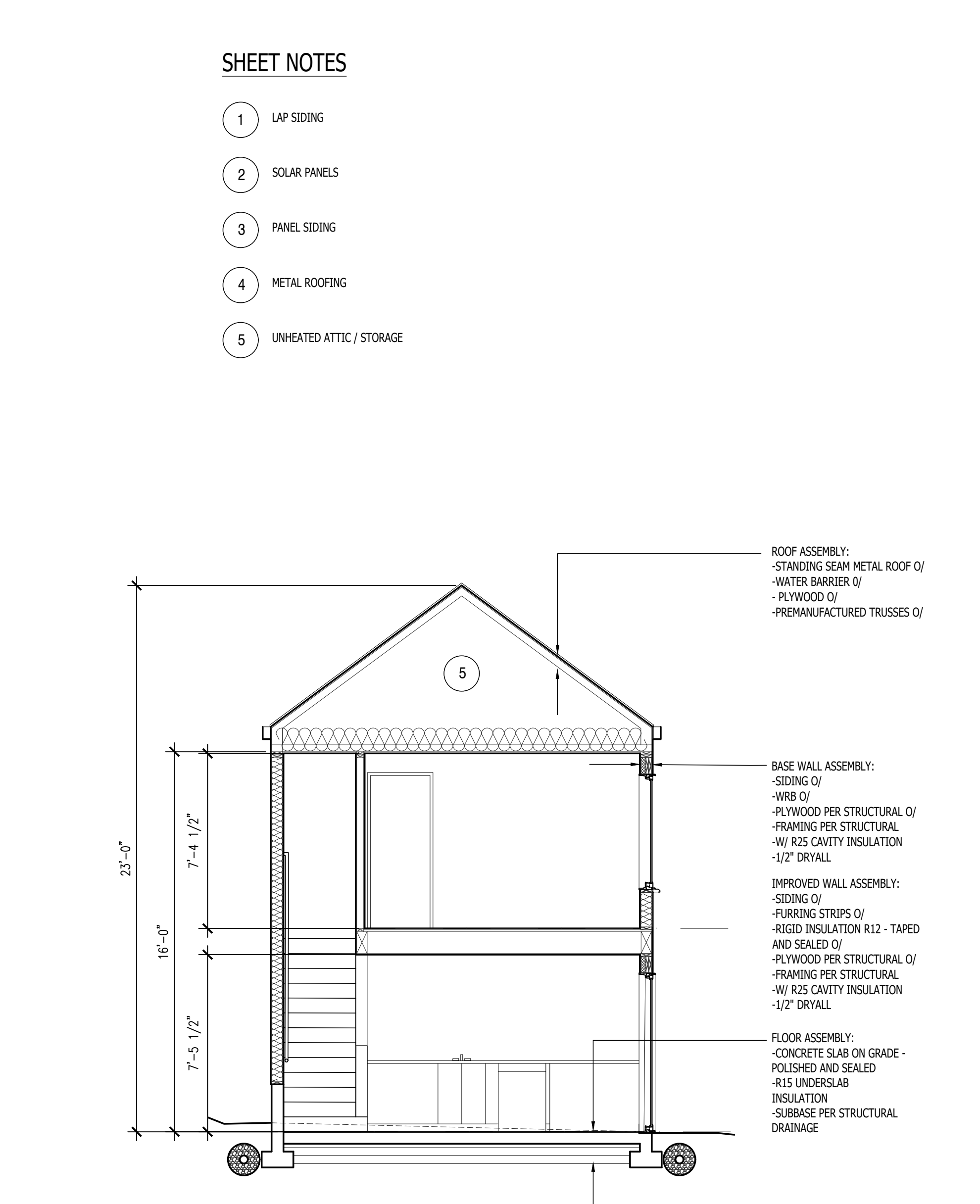
1 FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"



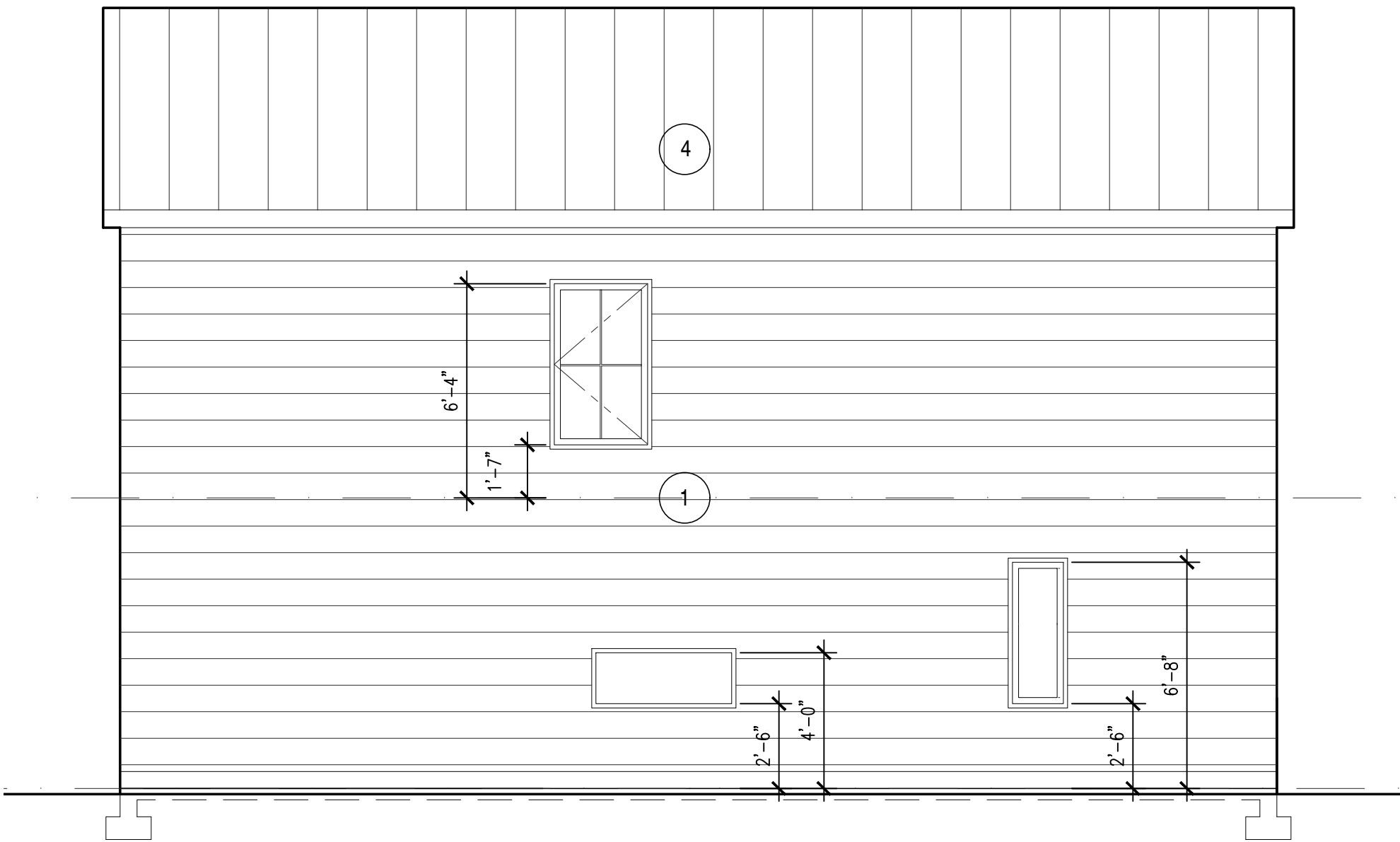
2 SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"



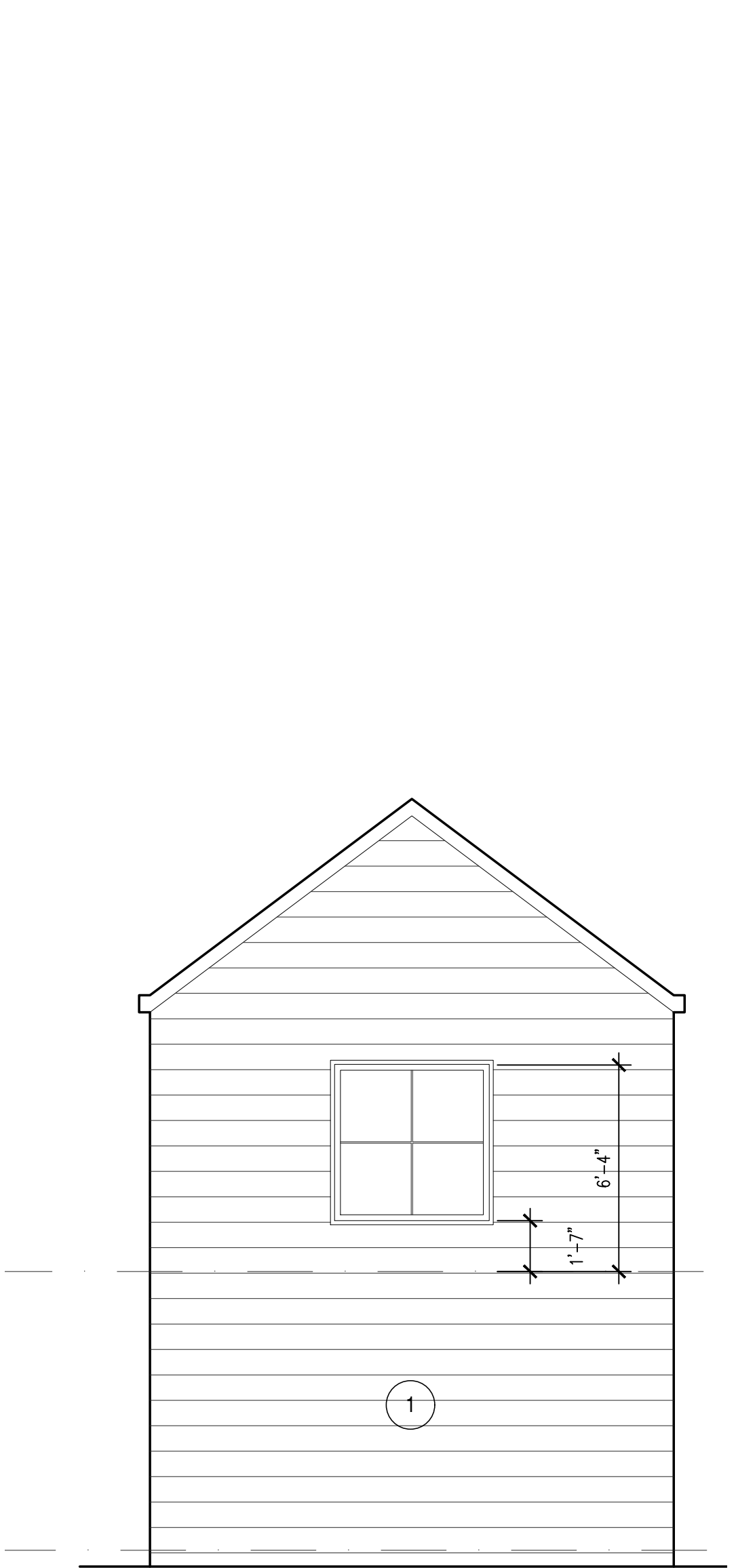
5 BUILDING ELEVATION
SCALE: 1/4" = 1'-0"



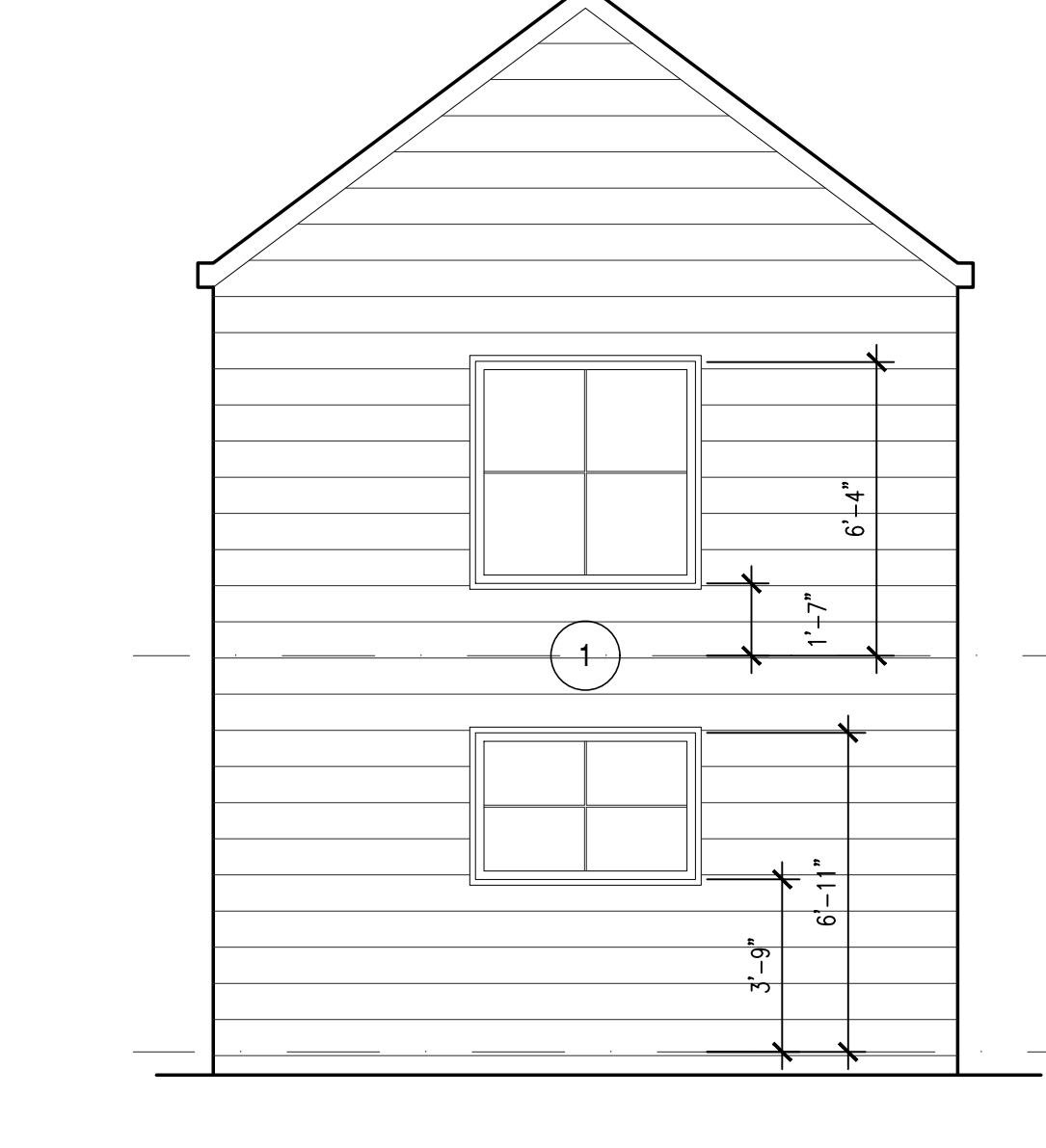
3 BUILDING SECTION
SCALE: 1/4" = 1'-0"



6 BUILDING ELEVATION
SCALE: 1/4" = 1'-0"



4 BUILDING ELEVATION
SCALE: 1/4" = 1'-0"



7 BUILDING ELEVATION
SCALE: 1/4" = 1'-0"

SHEET NOTES

- 1 LAP SIDING
- 2 SOLAR PANELS
- 3 PANEL SIDING
- 4 METAL ROOFING
- 5 UNHEATED ATTIC / STORAGE

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