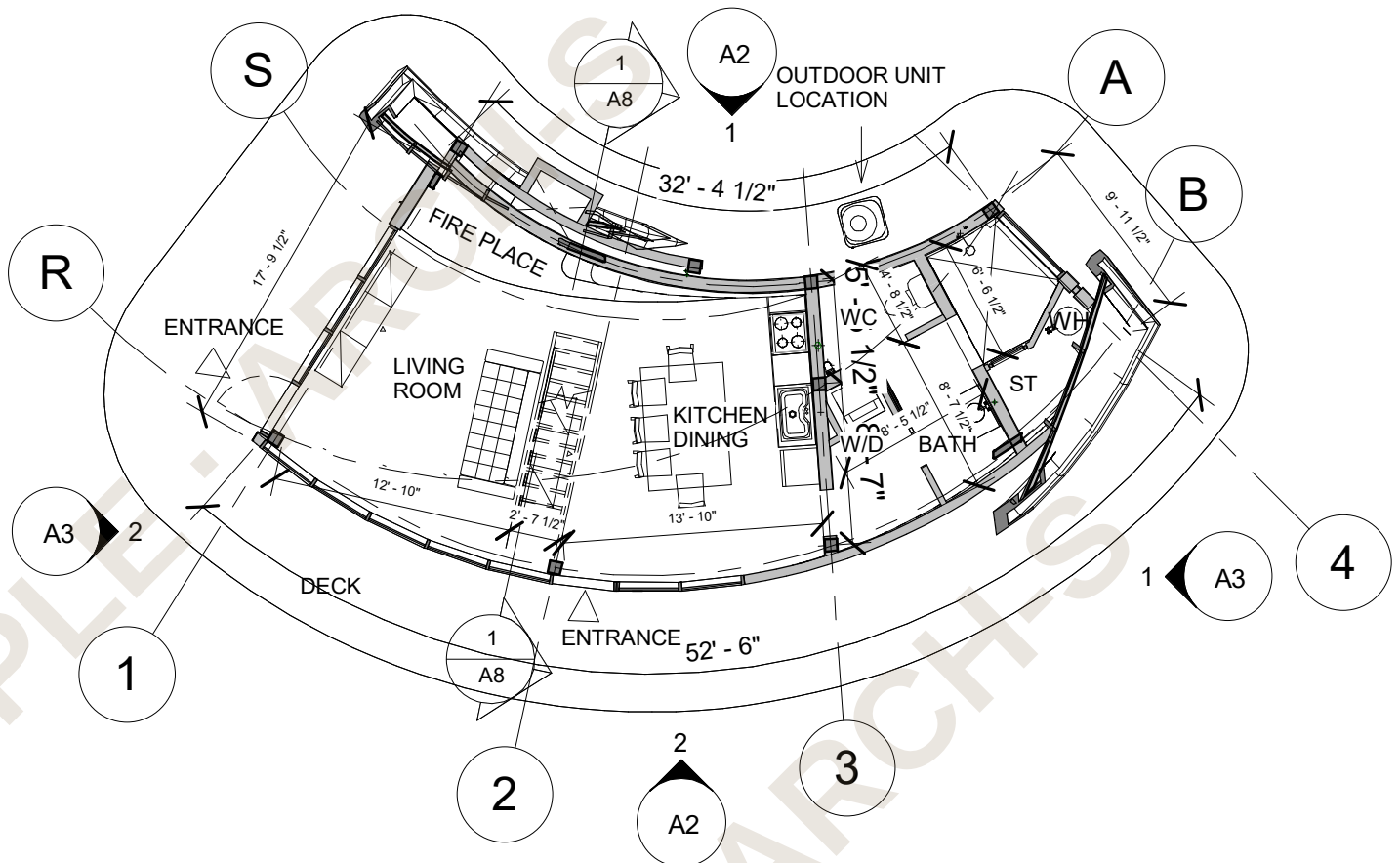




1 FIRST FLOOR PLAN
1" = 10'-0"



2 PERSPECTIVE

Snow Melt Panels Installation:

Install outdoor hydronic snow melt panels in the entryway concrete pad and the garage entrance pad to ensure clear and safe surfaces during snow conditions. This system will melt snow efficiently, preventing buildup and enhancing accessibility in winter months.

Window Area Compliance:

Code does not require a maximum area for windows, so the current window design is acceptable. For shading, it is recommended to implement one of the following options:

- Install interior motorized roller shades for ease of use and control.
- Use light-filtering curtains for a balance of privacy and natural light.
- Consider external shading devices like retractable awnings or external blinds for additional heat control.

HVAC System Options:

Mechanical Room / Options for the HVAC system:

- a. Hydronic Heating and Cooling: Utilize an air-to-water heat pump, which requires a water tank, manifolds, and pumps within the mechanical room. Recommended as the first choice.
- b. Traditional Split System HVAC: This system involves an outdoor compressor/condenser and gas or electric heating in the air handling unit. Supply registers and grills would be floor-mounted.
- c. Mini-Split System: An outdoor heat pump with wall- or ceiling-mounted cassettes as indoor units.

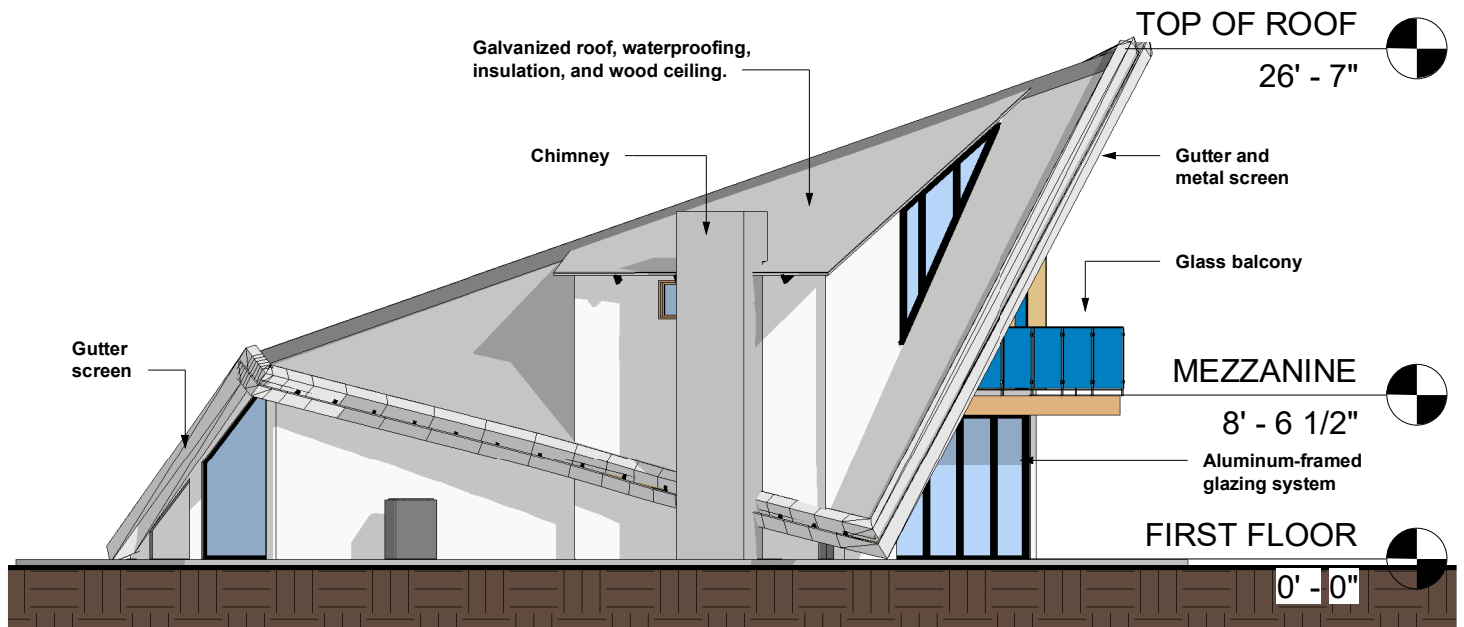


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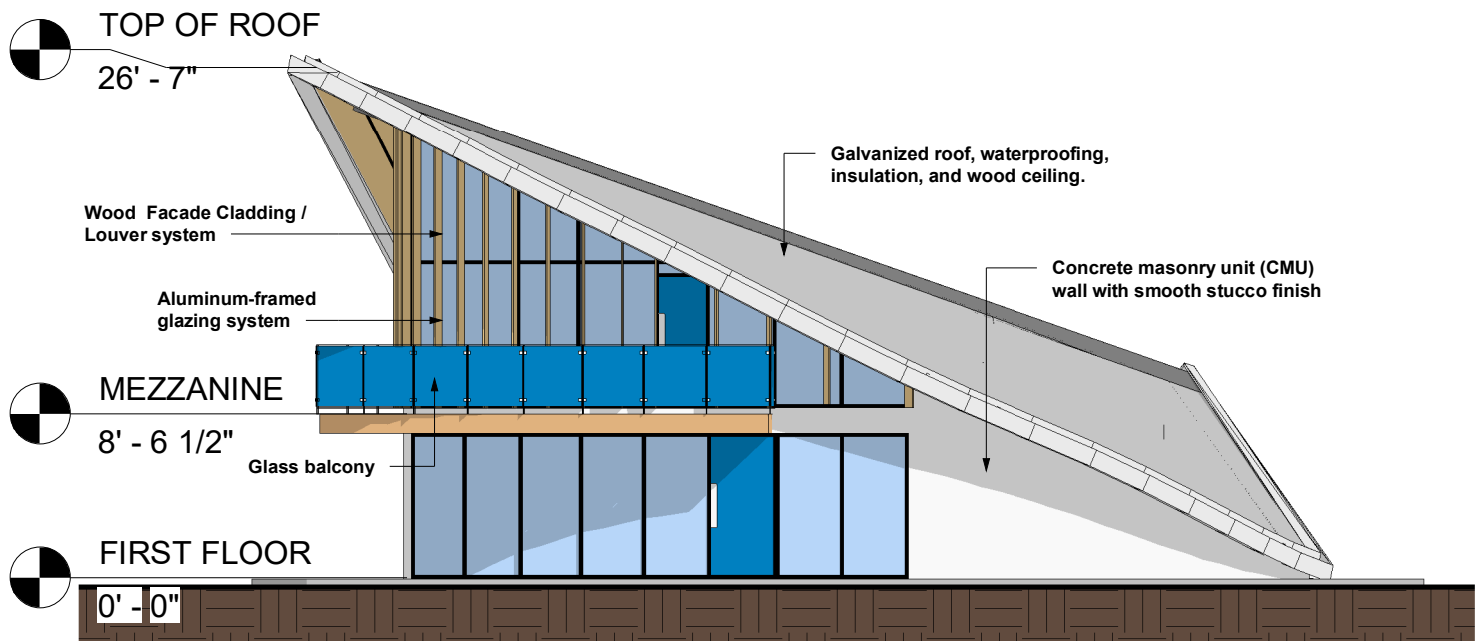
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A4

FIRST FLOOR PLAN



① NORTH
1" = 10'-0"



② SOUTH
1" = 10'-0"

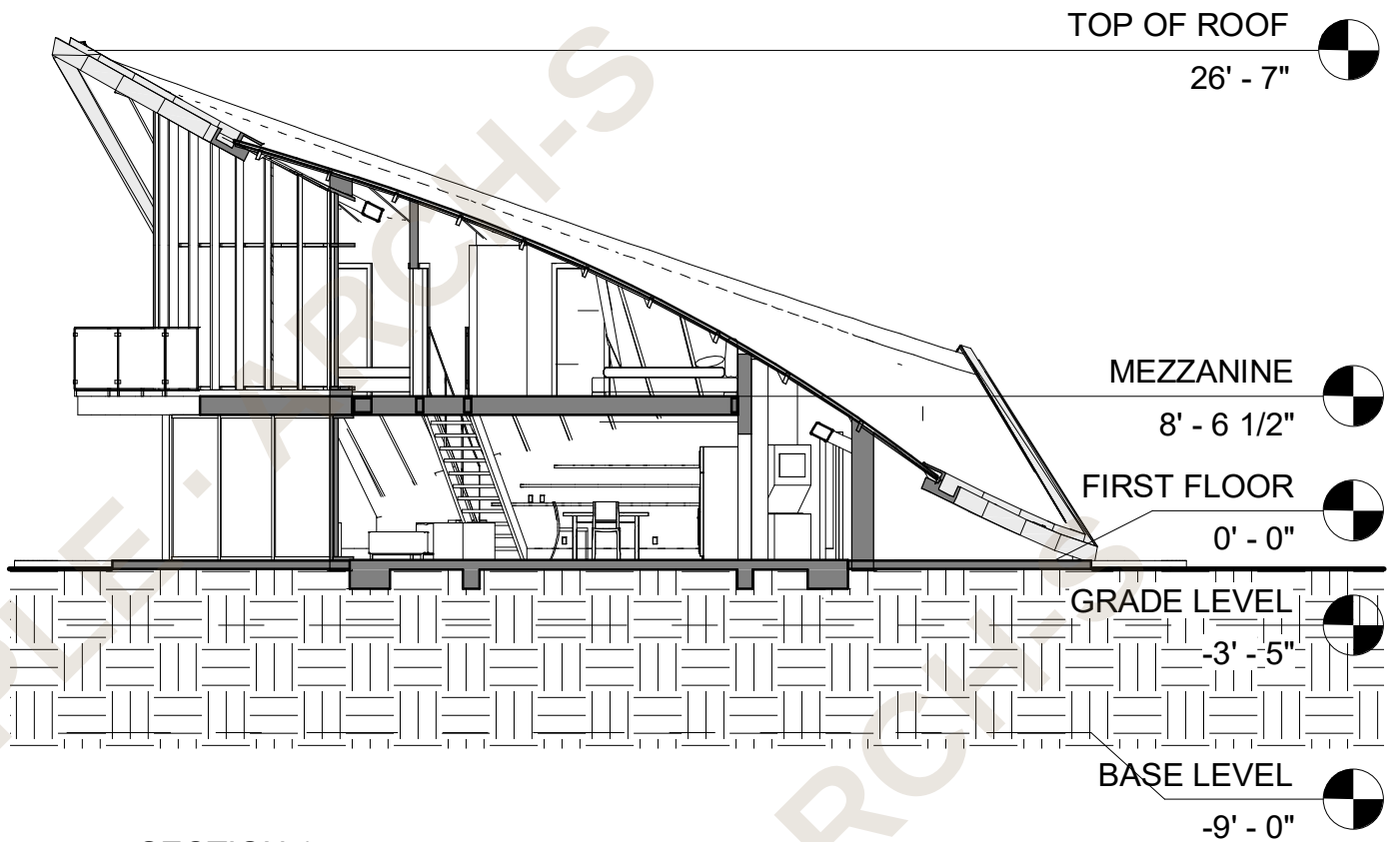


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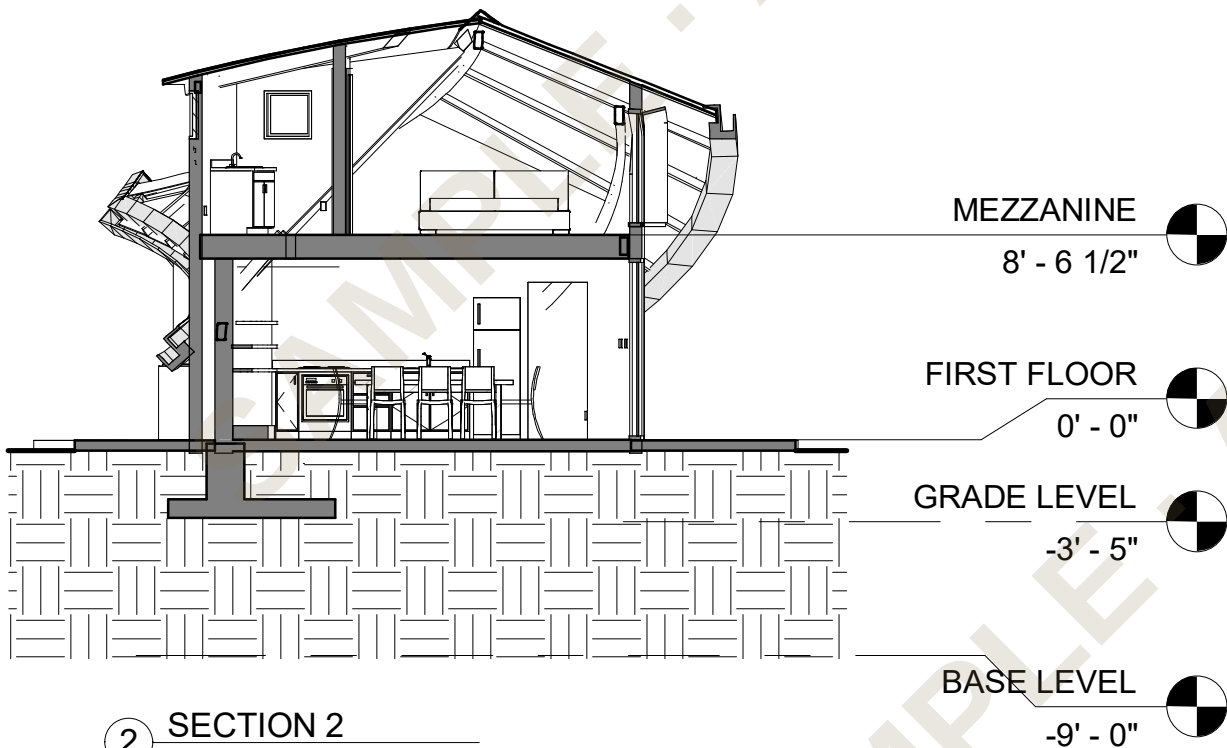
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A2

(N/S) ELEVATIONS



1 SECTION 1
1" = 10'-0"



2 SECTION 2
1/8" = 1'-0"



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A9

SECTIONS