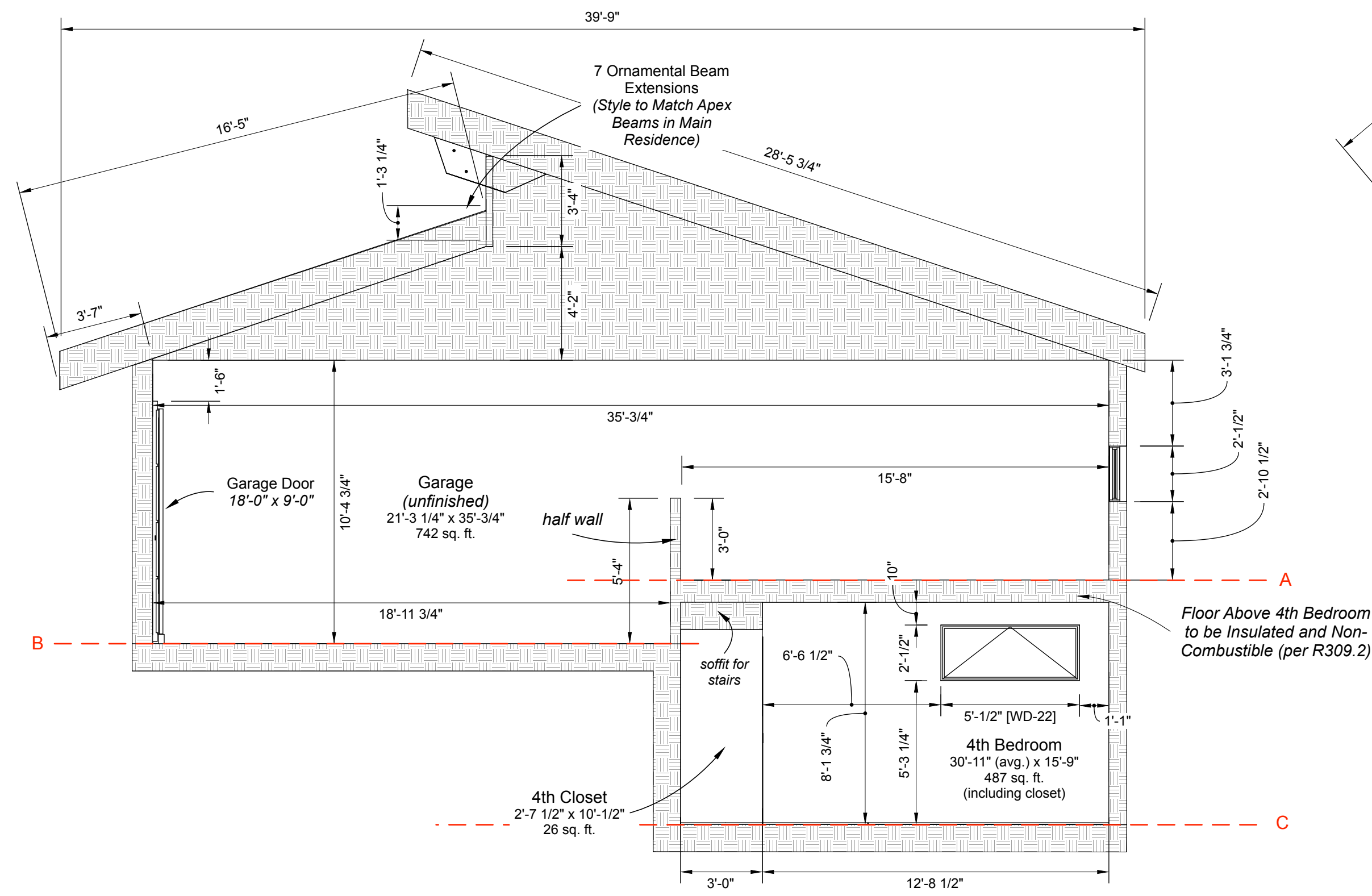


**Sections, General Notes:**

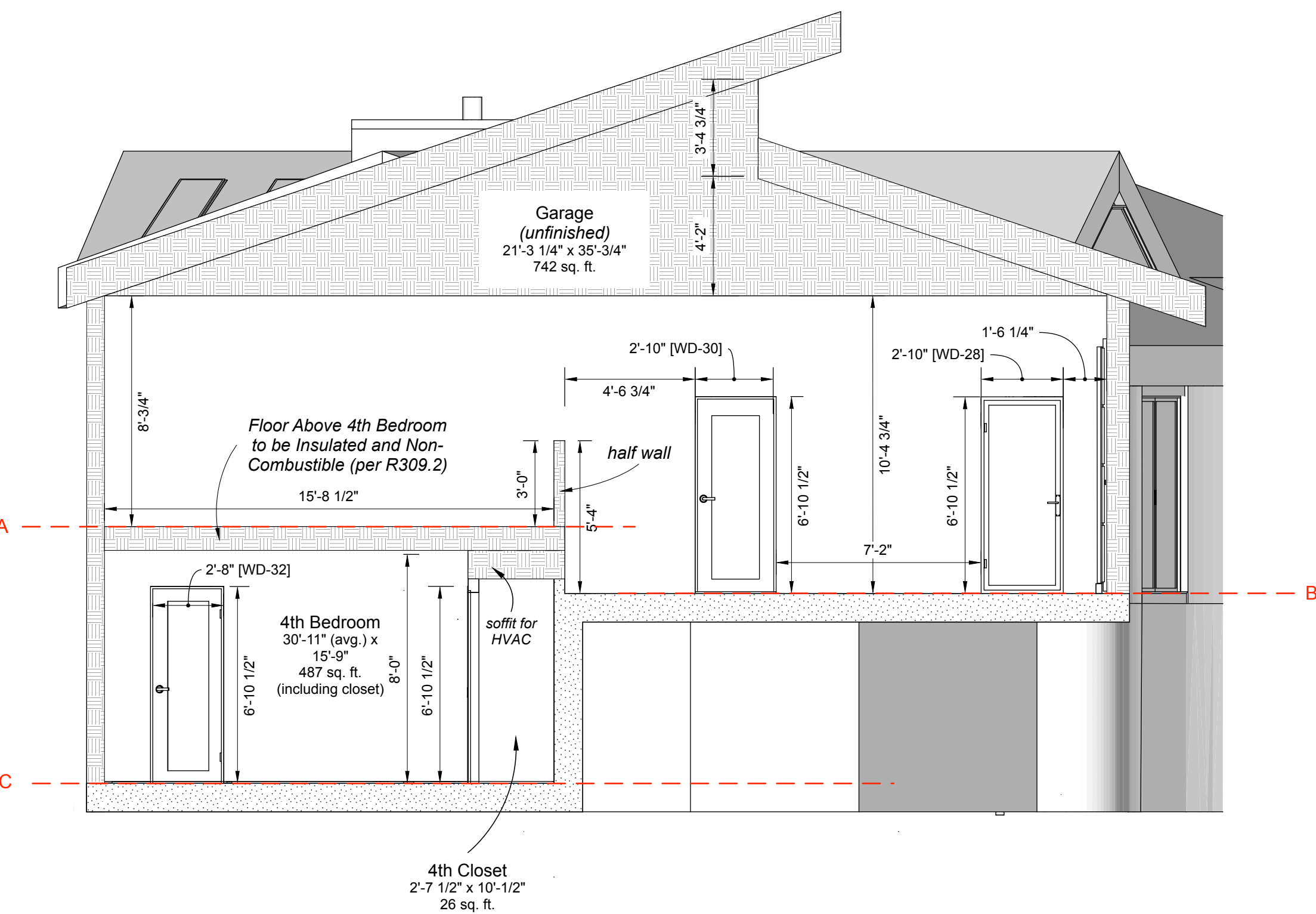
- Unless labelled as "existing", assume features are to be newly constructed. (Refer to foundation and roof plans for the general boundaries of what is existing and what is to be newly constructed.)
- Elevations are with respect to:
  - line marked "A", top edge of existing subfloor in the great room
  - line marked "B", top edge of existing tile floor in entry
  - line marked "C", top edge of existing concrete floor in lower level
 Note: assume finished floor elevations are 3/4" above these floor elevations.



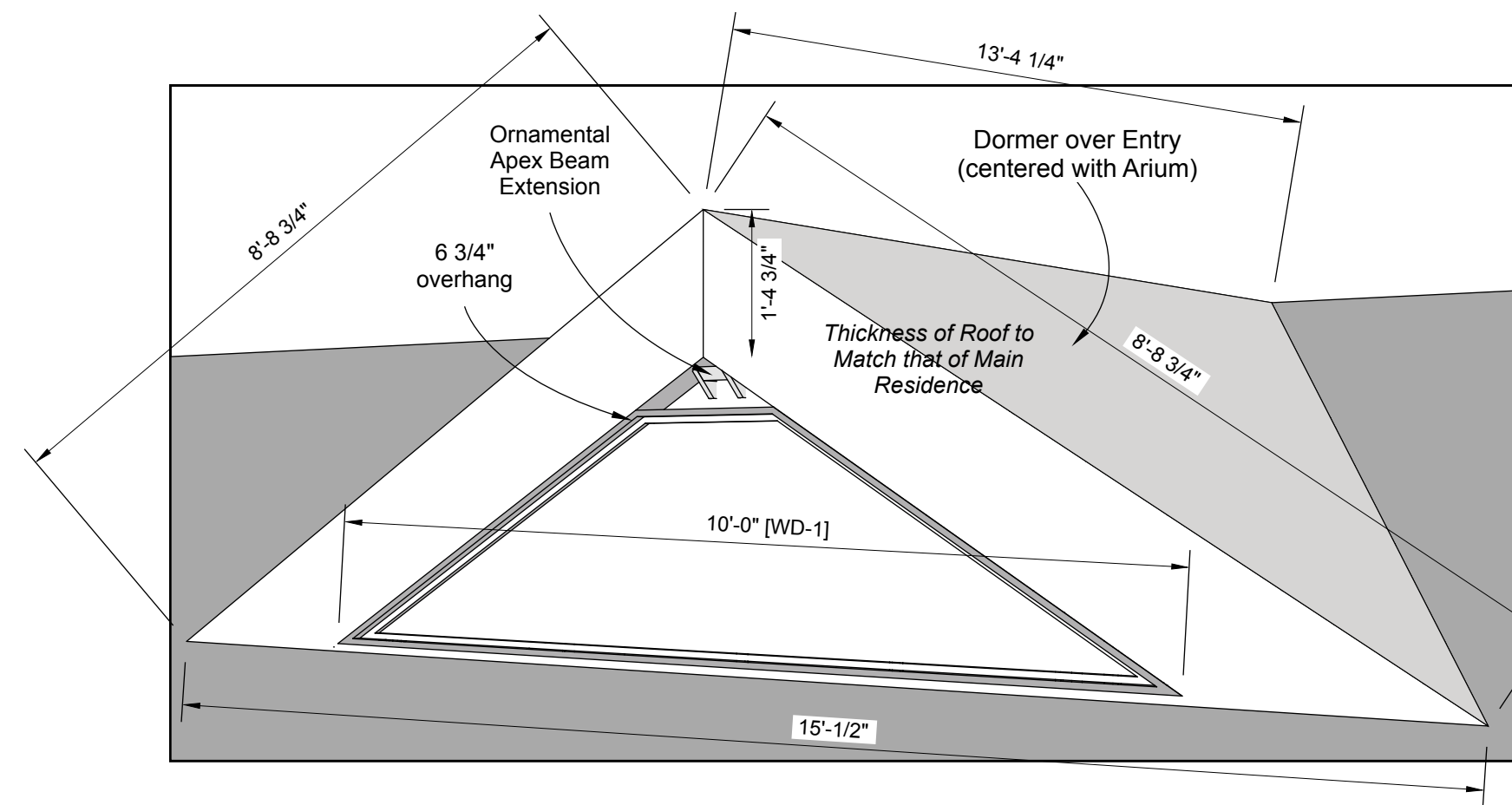
North-West-North Facing Section **A305**  
1  
\*drawing scale 1/4" = 1'-0"

**R309.2**  
**Garage/Residence Separation Required**

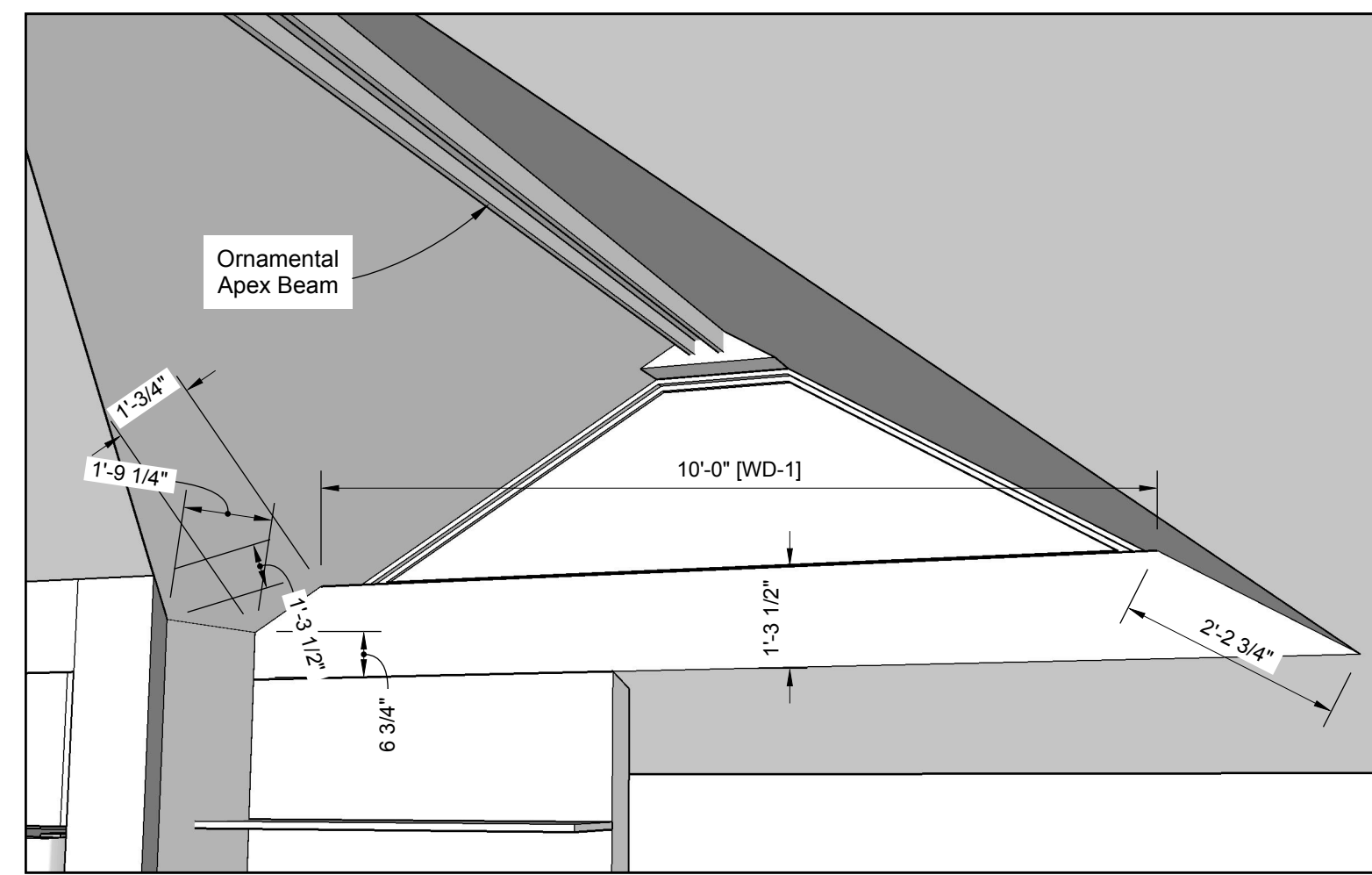
"The garage shall be separated from the residence and its attic area by not less than 1/2-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch (15.9 mm) Type X gypsum board or equivalent. Where the separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than 1/2-inch (12.7 mm) gypsum board or equivalent. Garages located less than 3 feet (914 mm) from a dwelling unit on the same lot shall be protected with not less than 1/2-inch (12.7 mm) gypsum board applied to the interior side of exterior walls that are within this area. Openings in these walls shall be regulated by Section 309.1. This provision does not apply to garage walls that are perpendicular to the adjacent dwelling unit wall."



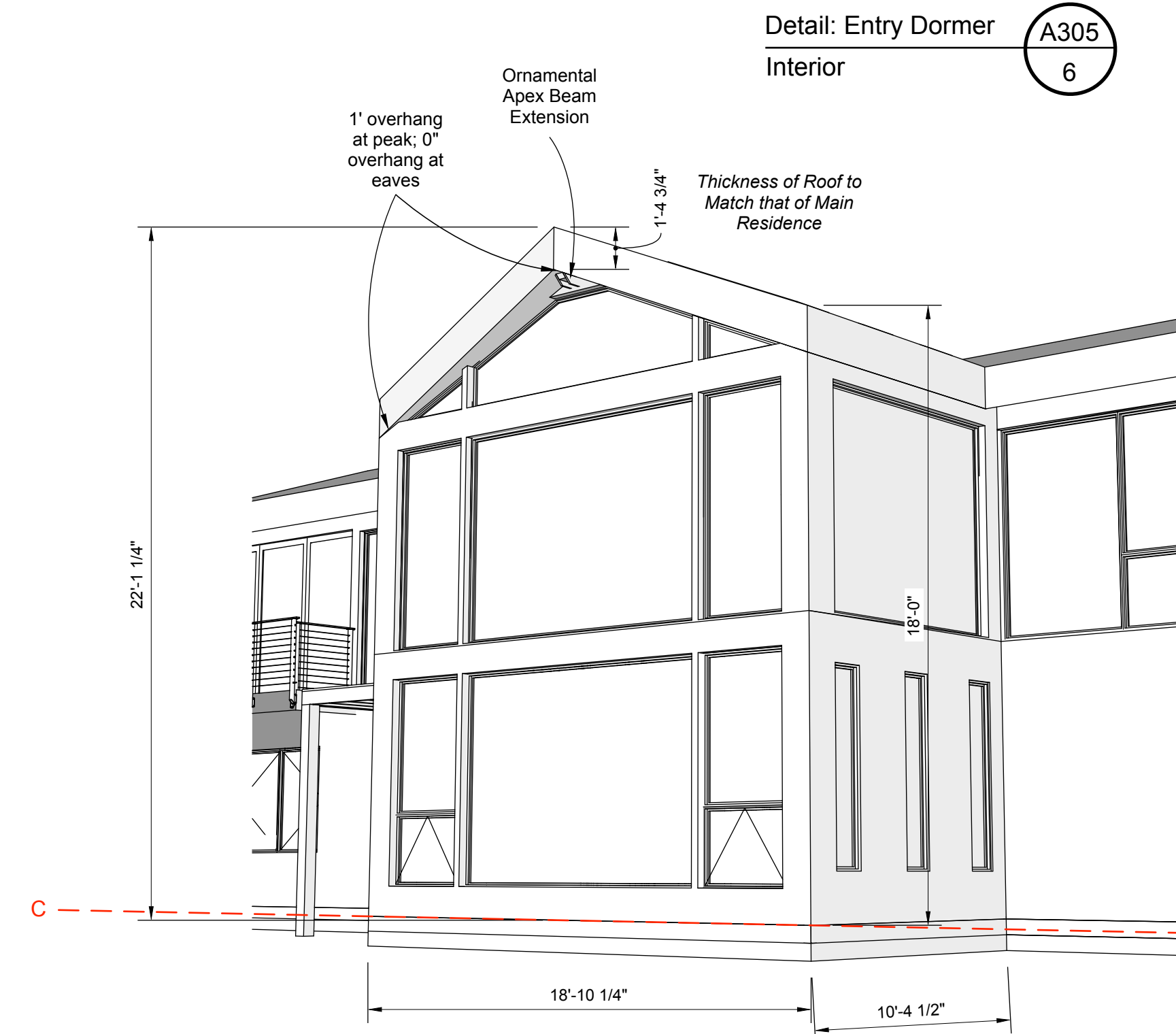
South-West-South Facing Section **A305**  
4  
\*drawing scale 1/4" = 1'-0"



Detail: Entry Dormer **A305**  
Exterior **5**



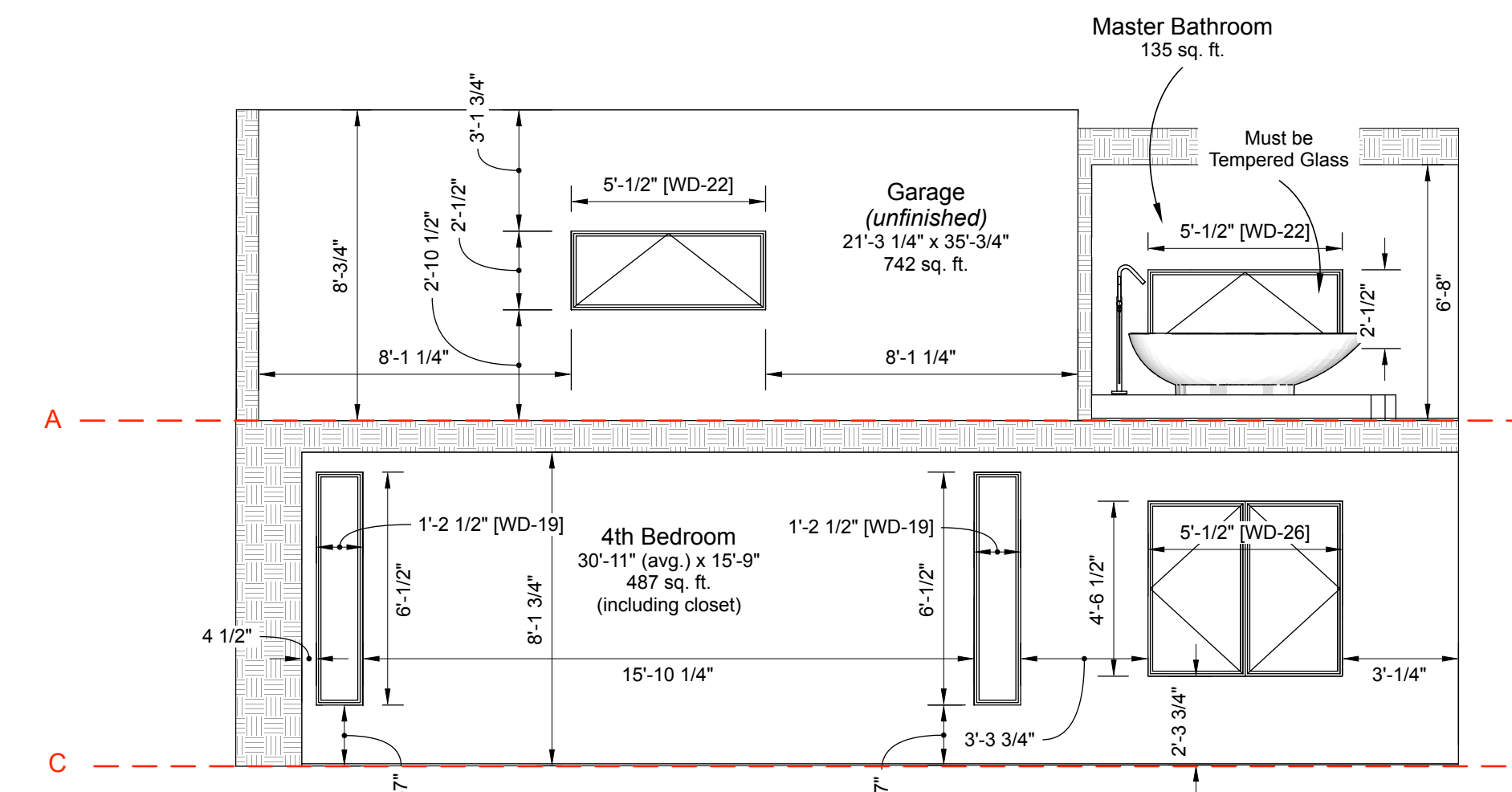
Detail: Entry Dormer **A305**  
Interior **6**



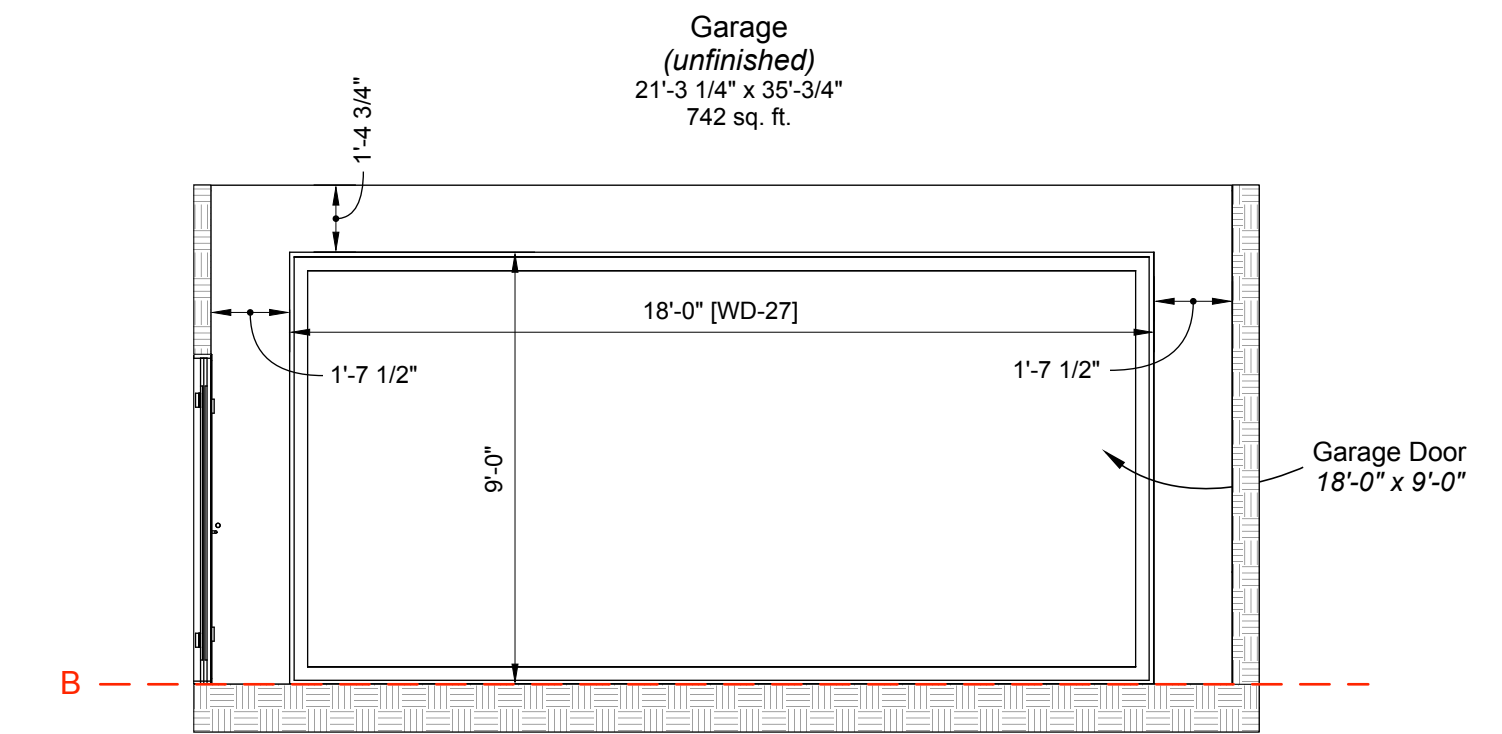
Detail: Atrium **A305**  
7

**R308.4.5 Glazing and wet surfaces.**

Glazing in walls, enclosures or fences containing or facing hot tubs, spas, whirlpools, saunas, steam rooms, bathtubs, showers and indoor or outdoor swimming pools where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) measured vertically above any standing or walking surface shall be considered to be a hazardous location. This shall apply to single glazing and each pane in multiple glazing.



East-North-East Facing Section **A305**  
3  
\*drawing scale 1/4" = 1'-0"



West-South-West Facing Section **A305**  
2  
\*drawing scale 1/4" = 1'-0"

**Legend**

- wood framing
- concrete

[WD-] Window or Door labels are attached to window/door width. Note that width indicates the rough opening. See schedules on page A601.



Design By:  
**Riedel-Fall Designs**  
200 Union St. S.E.  
Minneapolis, MN 55455  
Tel: 612-275-9878

Design for:  
**Dr. Marc Riedel & Mrs. Emery Fall**  
5995 Ridge Rd.  
Shorewood, MN 55331  
Tel: 612-275-9878

Date	Revision	By
01/17/17	Final Drawings	MDR, EKF
11/29/17	Atrium, Entry	MDR, EKF
5/7/18	Skylights, Foundations	MDR, EKF
7/3/18	Brick Entry	MDR, EKF
1/14/19	Permit Drawings	MDR, EKF
3/21/19	Initial Construction Set	MDR, EKF
4/3/19	Revised Construction Set	MDR, EKF
4/28/19	Final Construction Set	MDR, EKF

**DATE SUBMITTED**  
04.28.19

**DRAWN BY**  
MDR, EKF

**A305 NWN, SES, ENE,  
WSW Facing Sections;  
Exterior Details**

**A305**