

CODE INFORMATION

- Codes
- **General:** International Building Code (IBC) 2021 & SPS 361-366 Amendments
- **Existing:** International Existing Building Code (IEBC) 2021 & SPS 366 Amendments
- **Energy Conservation:** International Energy Conservation Code (IECC) 2021 & SPS 363 Amendments
- **Plumbing:** Wisconsin Plumbing Code: SPS 380-387
- **Mechanical:** International Mechanical Code (IMC) 2021 & SPS 364 Amendments
- **Electrical:** National Electrical Code (NEC) 2017 & SPS 316 Amendments
- **Fire:** International Fire Code (IFC) 2021 & SPS 314 Amendments
- **Fuel:** International Fuel Gas Code (IFGC) 2021 & SPS 365 Amendments
- **Accessibility:** ANSI Standard A117.1-2017 - Accessibility

IBC Chapter 3 - Use and Occupancy Classification

- **Scope Area:**
  - Business Group B

IEBC Chapter 6 - Classification of Work

- **Alteration Level:** Change of Occupancy

IBC 504.3 - Height in Feet

- **Type V-B (non-sprinklered):**
  - Actual: 30 ft
  - Allowed:
    - (B): 40 ft

IBC 504.4 - Number of Stories

- Actual: 2 story
- Allowed:
  - (B): 2 stories

IBC 506.2 - Allowable Area Determination

- Actual: 1996 SF
- Allowed:
  - (B): 9,000 SF

IBC 508.3 - Nonseparated Occupancies

- No

IBC Table 601 - Fire-resistance Rating Requirements For Building Elements (Hours)

- **Type VB:**
  - Structural Frame: 0 hr
  - Bearing Walls (Exterior/Interior): 0 hr
  - Non-Bearing Walls (Interior): 0 hr
  - Floors: 0 hr
  - Roof: 0 hr

IBC Section 602 - Construction Classification

- Type VB

705.5 - Fire-Resistance Ratings

- **Type V-B:**
  - X < 5 ft: 1 hr
  - 5 ≤ X ≤ 10: 1 hr
  - 10 ≤ X ≤ 30: 0 hr
  - X ≥ 30: 0 hr

IBC Table 803.13 - Interior Wall And Ceiling Finish Requirements By Occupancy

- **(B) NONSPRINKLERED**
  - Exit Stairways/Ramps: Class A
  - Corridors: Class B
  - Rooms/Enclosures: Class C

IBC Section 903 - Automatic Sprinkler Systems

- No Sprinklers

IBC Section 906 - Portable Fire Extinguishers

- **Ordinary (Moderate) Hazard Occupancy:**
  - Type 2-A:
    - Maximum floor area per unit of A: 1,500 SF
    - Maximum floor area for extinguisher: 75 ft
    - Maximum floor area for extinguisher: 11,250 sf
    - Max distance to extinguisher: 75 ft

IBC Section 907 - Fire Alarm and Detection Systems

- No alarm required or provided

IBC Section 1004 - Occupant Load

- See occupant load room schedule

IBC Table 1020.2 - Corridor Fire-resistance Rating

- For Group B:
  - If Occupant Load Served by Corridor is greater than 30: 1hr rated
  - otherwise: not rated

IBC 1006.2.1 - Egress Based on Occupant Load and Common Path of Egress Travel Distance

- **Group B (Without Sprinkler):**
  - Common Path Travel Distance
    - If ≤ 30: 100 ft
    - If > 30: 75 ft
  - Max occupant load (one exit): 49

IBC Table 1006.3.4(2) - Stories With One Exit Or Access To One Exit For Other Occupancies

- **Group B (Without Sprinkler):**
  - Maximum Occupant Load Per Story: 49
  - Maximum Exit Access Travel Distance: 75 ft

IBC Table 1017.2 - Exit Access Travel Distance

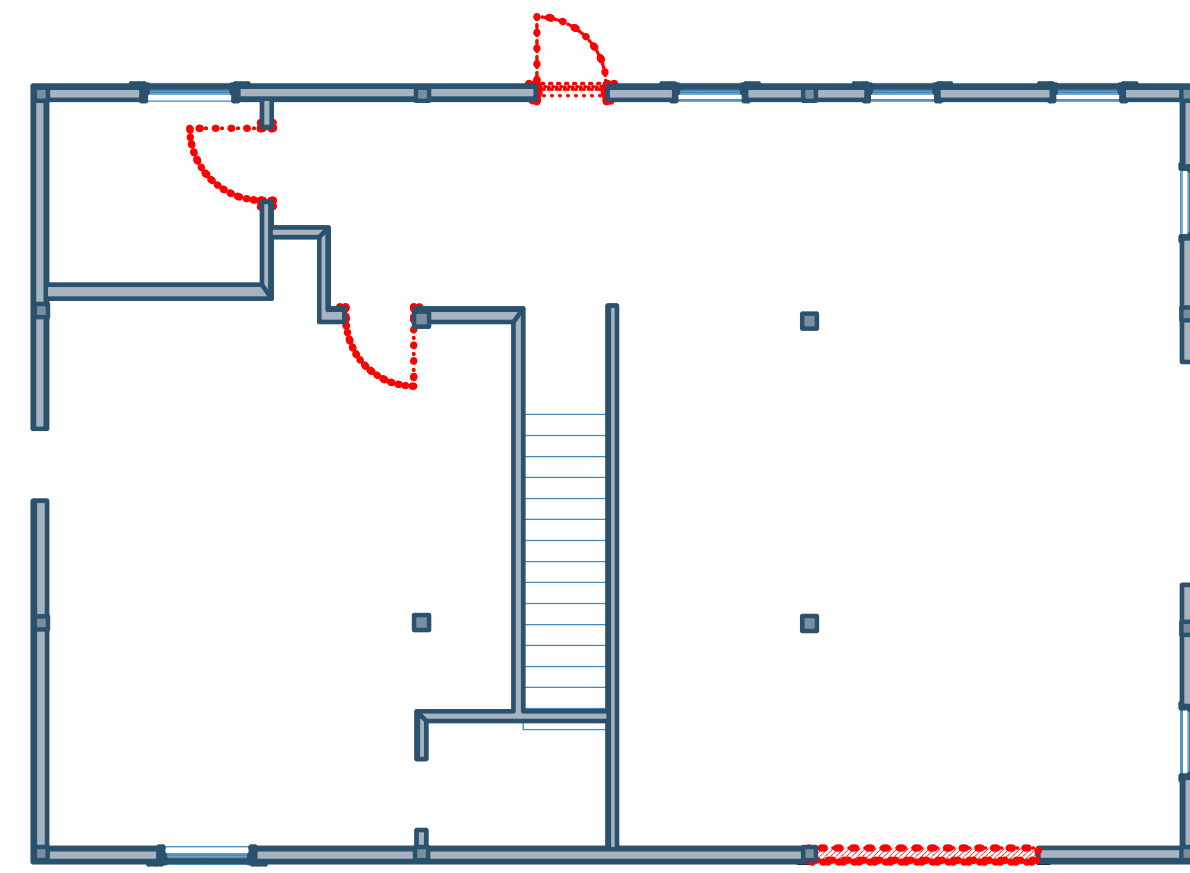
- **Group B (With Sprinkler):**
  - Exit Access Travel Distance: 200 ft

IBC 1020.5 - Dead Ends

- 20 ft (Without Sprinkler)

IBC 2902.1 - Minimum Number of Fixtures

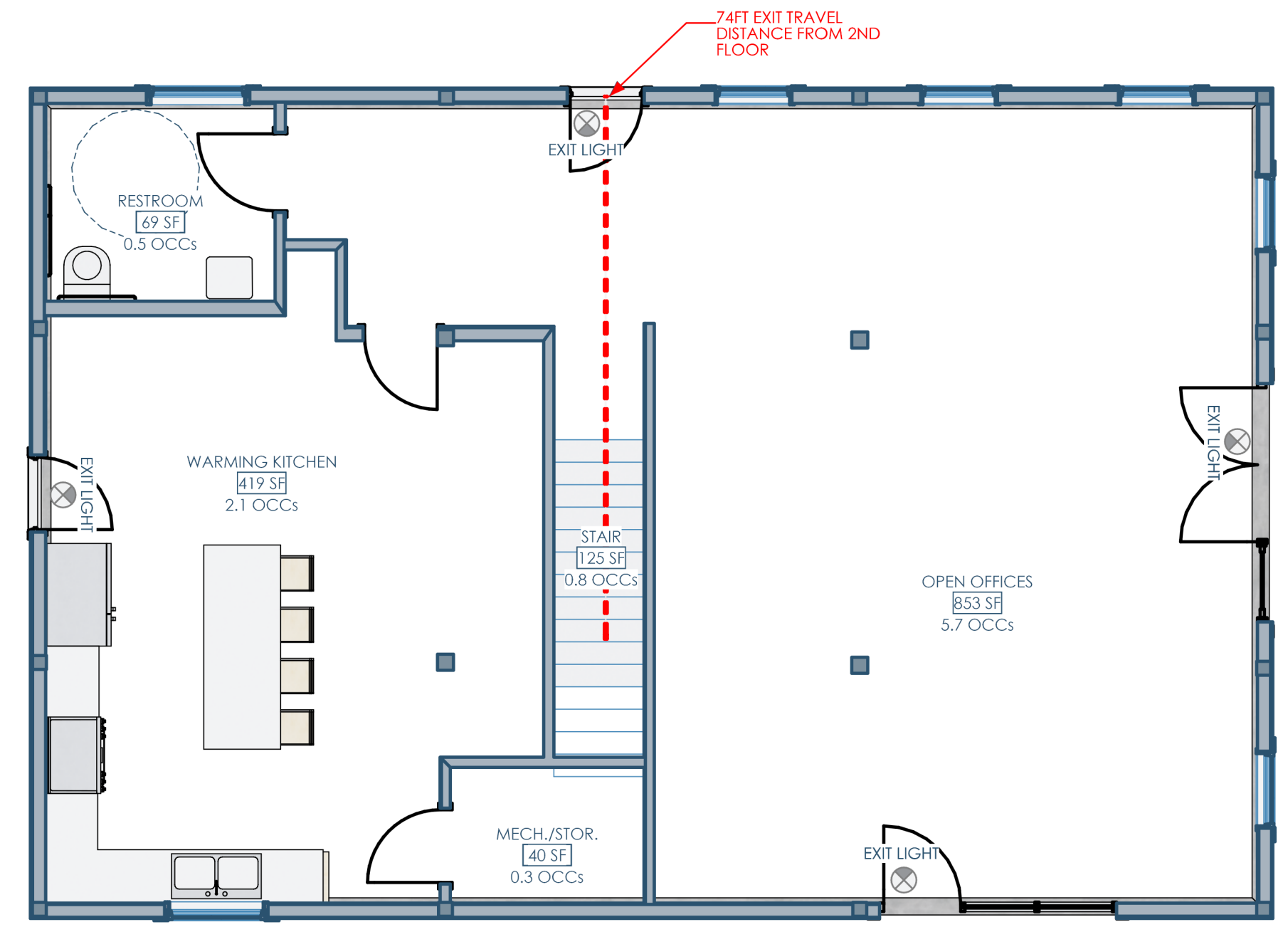
- **Occupancy M | Total Occupants: 13**
  - **Single Facility**
    - Separate facilities shall not be required in (B) occupancies in which the maximum occupant load is 25 or fewer.
      - Water Closets: 1 required / 1 provided
      - Lavatories: 1 required / 1 provided <- \* Female:
      - Water Closets: 1 per 25 → 1 required / 1 provided
      - Lavatories: 1 per 40 → 1 required / 1 provided
    - **Male:**
      - Water Closets: 1 per 25 → 1 required / 1 provided
      - Lavatories: 1 per 40 → 1 required / 1 provided →
    - **Drinking Fountains:**
      - Water provided by bottle fillers, bottled water, or bar service per SPS 362.2902(1)(a)2
    - **Service Sink:**
      - 1 required / 1 provided



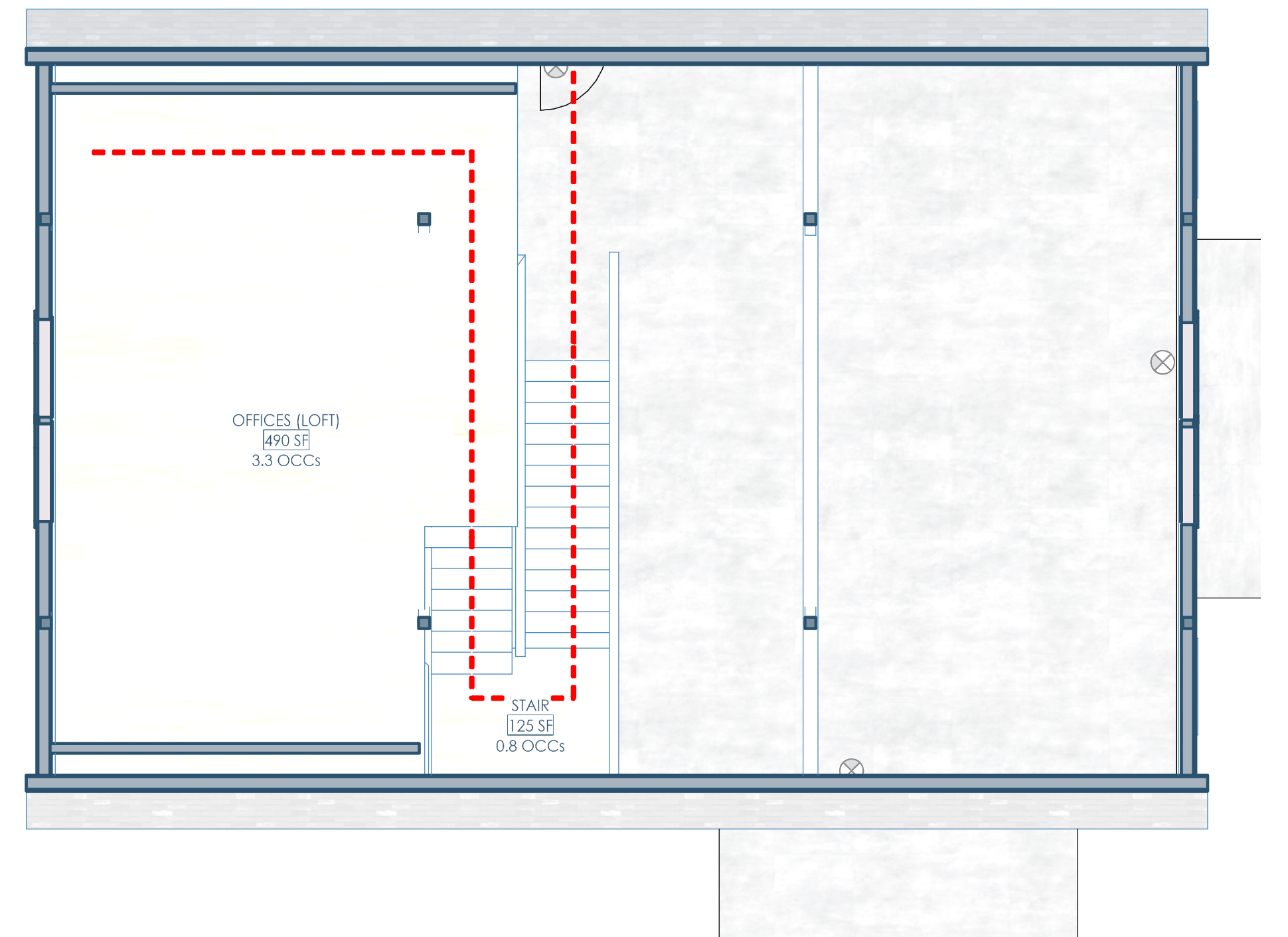
5/A000 DEMOLITION PLAN 1/8"=1'-0"

DEMOLITION NOTES

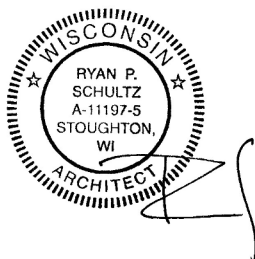
- Contractor to assume all walls/columns indicated to be demolished on th plan to be load-bearing. Contractor is responsible to make the determination they are not load-bearing and can be removed. Consult with the Architect if there is any question.
- Contractor to protect all existing construction from damage, dust, and fumes. Patch and repair as necessary.
- Seal the intake/exhaust of any ducts that route into adjoining spaces that are outside the demolition scope.
- Contractor to coordinate the disconnection and capping (and any associated fees) of any service utilities associated with the demolition scope.
- All floors to be leveled as necessary (grinding, patching, leveling, chiseling) to receive any scheduled finishes.
- Contractor to notify Owner and/or Landlord of any demolition that is necessary outside tenant space.
- Additional demolition, beyond what is identified here, may be required to accommodate the planned construction scope.
- Owner/GC/Subs are responsible to test if removed items contain any hazardous materials and, if so, ensure legal removal in compliance with local, state, and federal laws.
- Contractor is responsible for any temporary shoring necessary when existing structural members are removed to accommodate any new construction. All shoring to be designed by a licensed Structural Engineer retained by the Contractor.
- See Mechanical/Electrical/Plumbing/Fire Protection drawings for any additional demolition scope.



4/A000 LIFE SAFETY PLAN - 1ST FLOOR 3/16"=1'-0"



3/A000 LIFE SAFETY PLAN - 2ND FLOOR 3/16"=1'-0"



Owner: Kenlyn/Marquis German Shepherd Dogs  
 11714 N Eastman Rd  
 Edgerton, WI 53534-9051  
 Kentboylesgsd@aol.com | 608.884.8355

Structural: Ennovation  
 PO Box 148  
 Orfordville, WI 53576  
 ktrey@novationbuilt.com | 608.212.6998

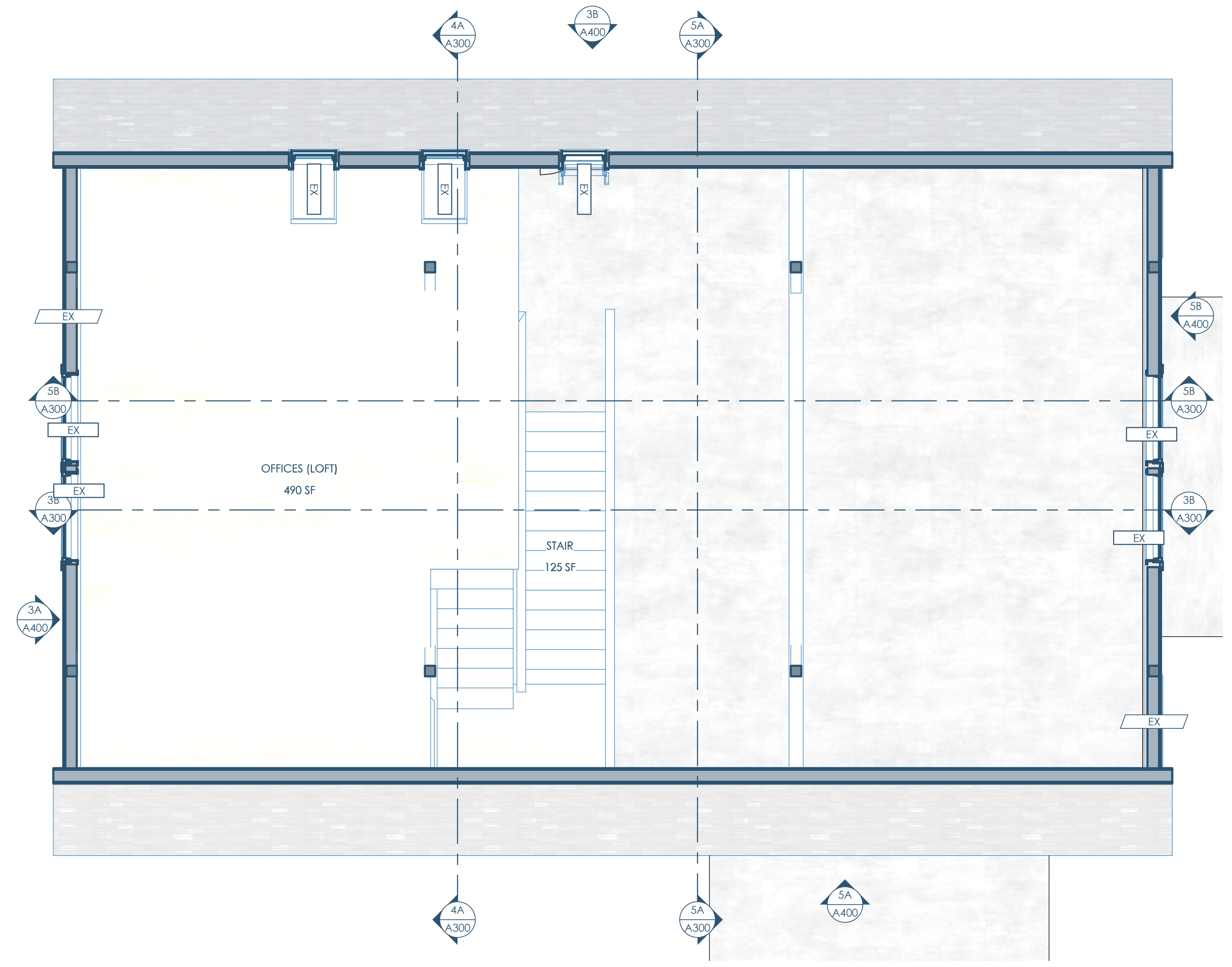
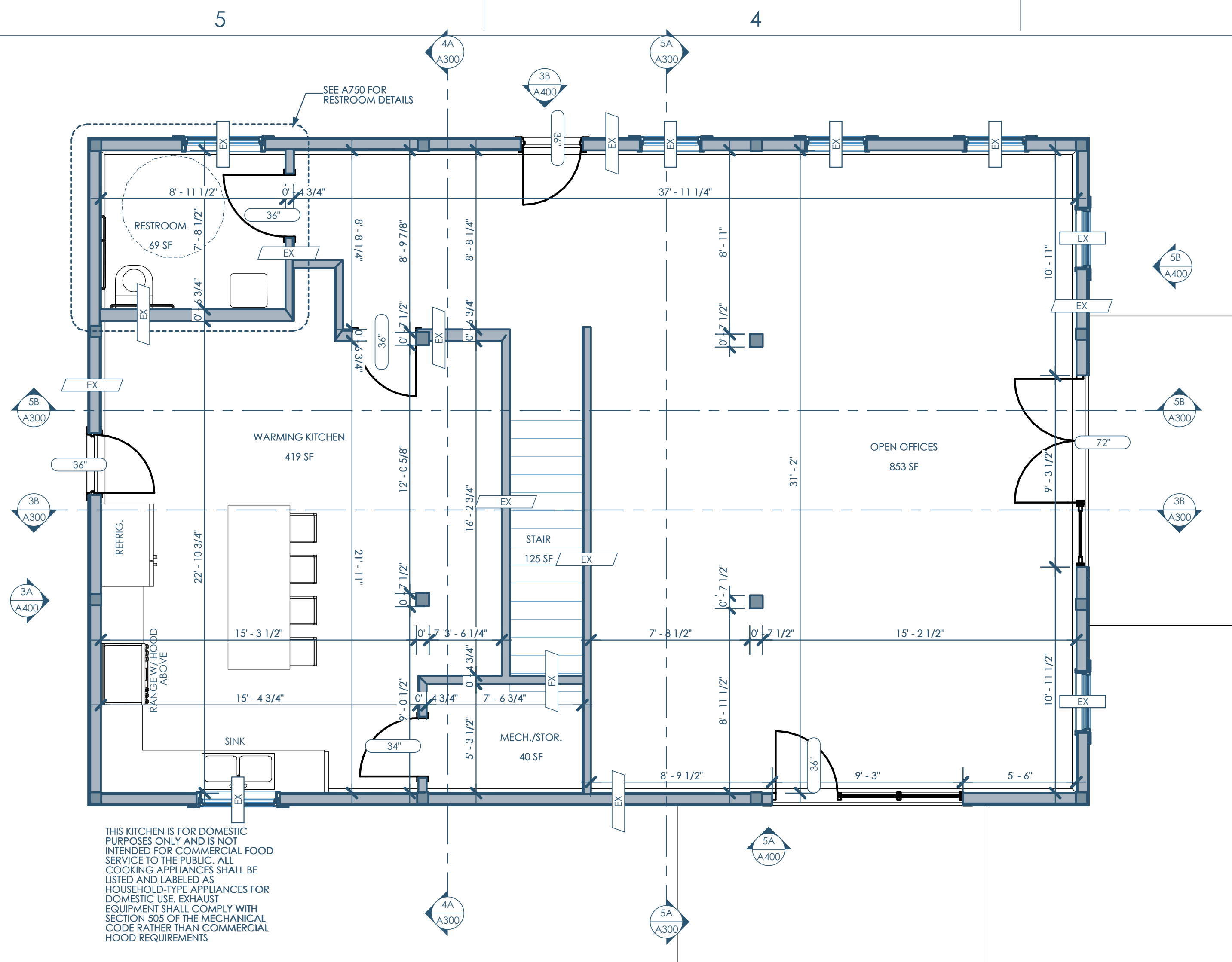
Architect: OpeningDesign  
 17 S Fairchild | FL 7  
 Madison, WI 53703  
 ryan@openingdesign.com | 773.425.6456

CODE INFORMATION & SITE PLAN  
 BARN RELOCATION

389 E HEMENWAY LANE - EDGERTON, WI 53534

A000

This project, like most OpeningDesign's projects, is open source (Attribution-ShareAlike 4.0 International=CC-BY-SA 4.0)=freely available to any party for future use, assuming the terms such as Attribution and ShareAlike are honored.



5B/A100 FLOOR PLAN - 1ST FLOOR  
1/4"=1'-0"

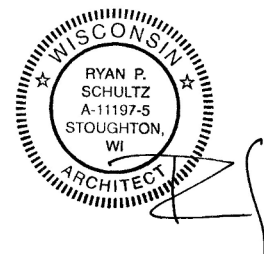
3B/A100 FLOOR PLAN - 2ND FLOOR  
1/4"=1'-0"

NAME	AREA	FUNCTION OF SPACE	AREA PER OCCUPANT	OCCUPANTS	EMERGENCY LIGHTING
WARMING KITCHEN	419	KITCHEN	200	2.1	-
RESTROOM	69	BUSINESS	150	0.5	-
OPEN OFFICES	853	BUSINESS	150	5.7	YES <sup>1</sup>
MECH./STOR.	40	BUSINESS	150	0.3	-
STAIR	125	BUSINESS	150	0.8	-
OFFICES (LOFT)	490	BUSINESS	150	3.3	YES <sup>1</sup>
Sum: 1996				Sum: 13	

EMERGENCY LIGHTING

- Emergency illumination shall comply with IBC 1008. The contractor/electrician is responsible for ensuring the following:
  - Refer to the Occupancy Room Schedule to identify spaces requiring emergency lighting. Note that landings outside all major exits also require emergency lighting.
  - Emergency lighting shall provide a minimum of 1 foot-candle throughout all designated spaces.
  - The emergency power system shall supply power for a minimum duration of 90 minutes, using storage batteries, unit equipment, or an on-site generator.
  - Exit signs shall be internally or externally illuminated per IBC 1013.3.
- If required by the Authority Having Jurisdiction (AHJ), the electrical contractor shall submit plans demonstrating compliance with emergency lighting and energy code requirements. Copies of all approval letters must be provided to the architect.

4/A100 ROOM SCHEDULE - OCCUPANCY



Owner: Kenlyn/Marquis German Shepherd Dogs  
11714 N Eastman Rd  
Edgerton, WI 53534-9051  
Kentboylesgsd@aol.com | 608.884.8355

Structural: Ennovation  
PO Box 148  
Orfordville, WI 53576  
kfrey@ennovationbuilt.com | 608.212.6998

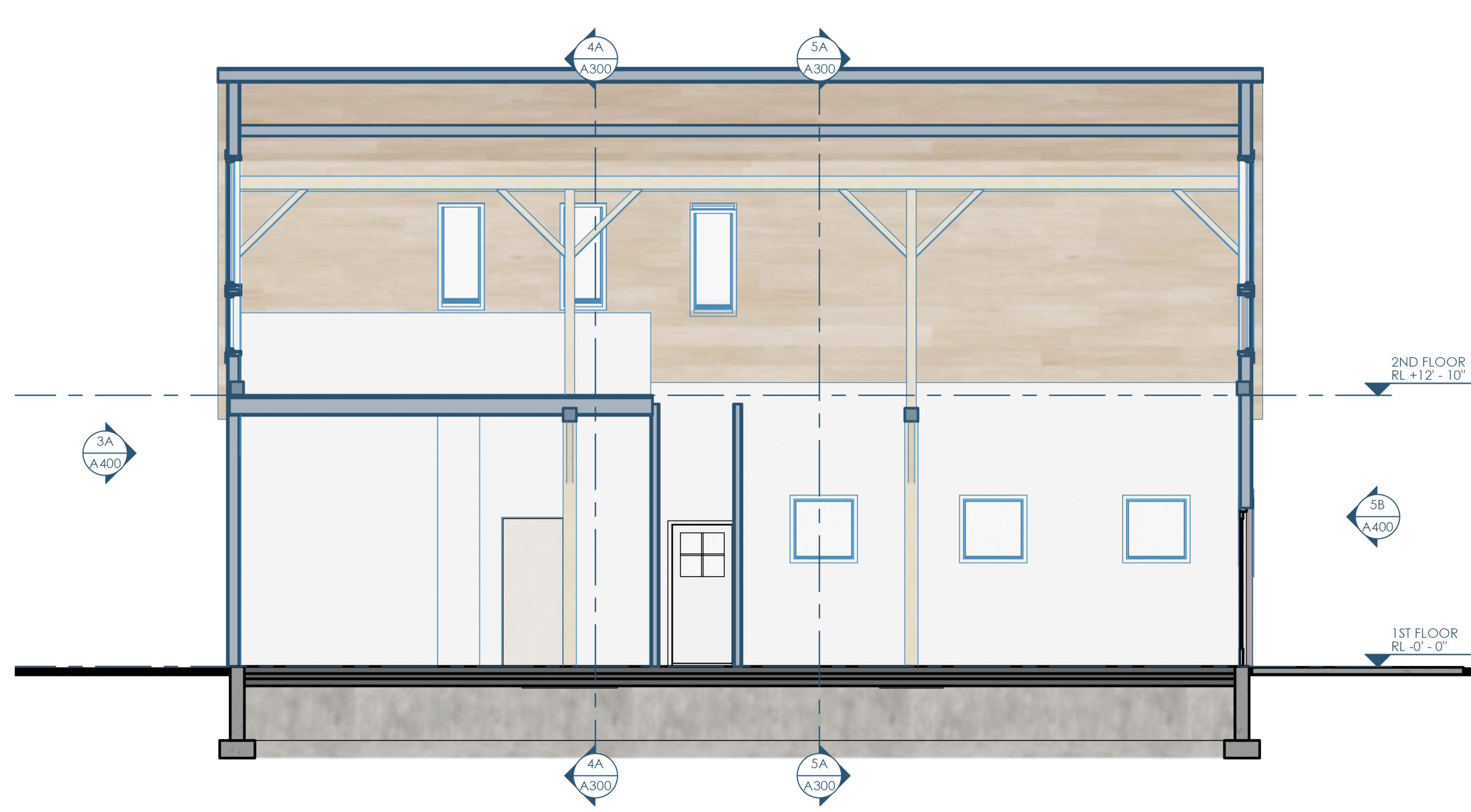
Architect: Opening Design  
17 S Fairchild | FL 7  
Madison, WI 53703  
ryan@openingdesign.com | 773.425.6456

FLOOR PLANS  
BARN RELOCATION

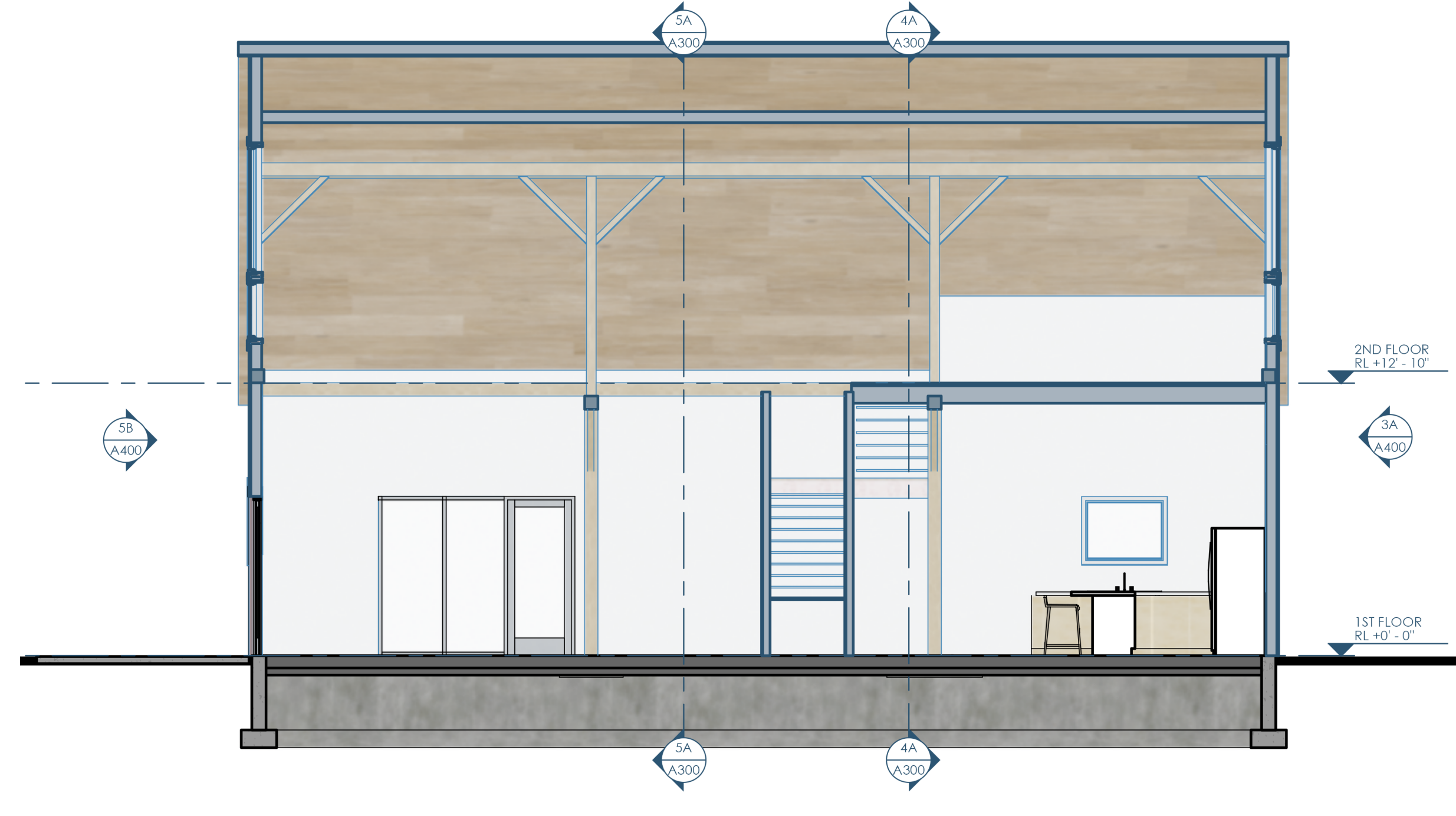
389 E HEMENWAY LANE - EDGERTON, WI 53534

A100

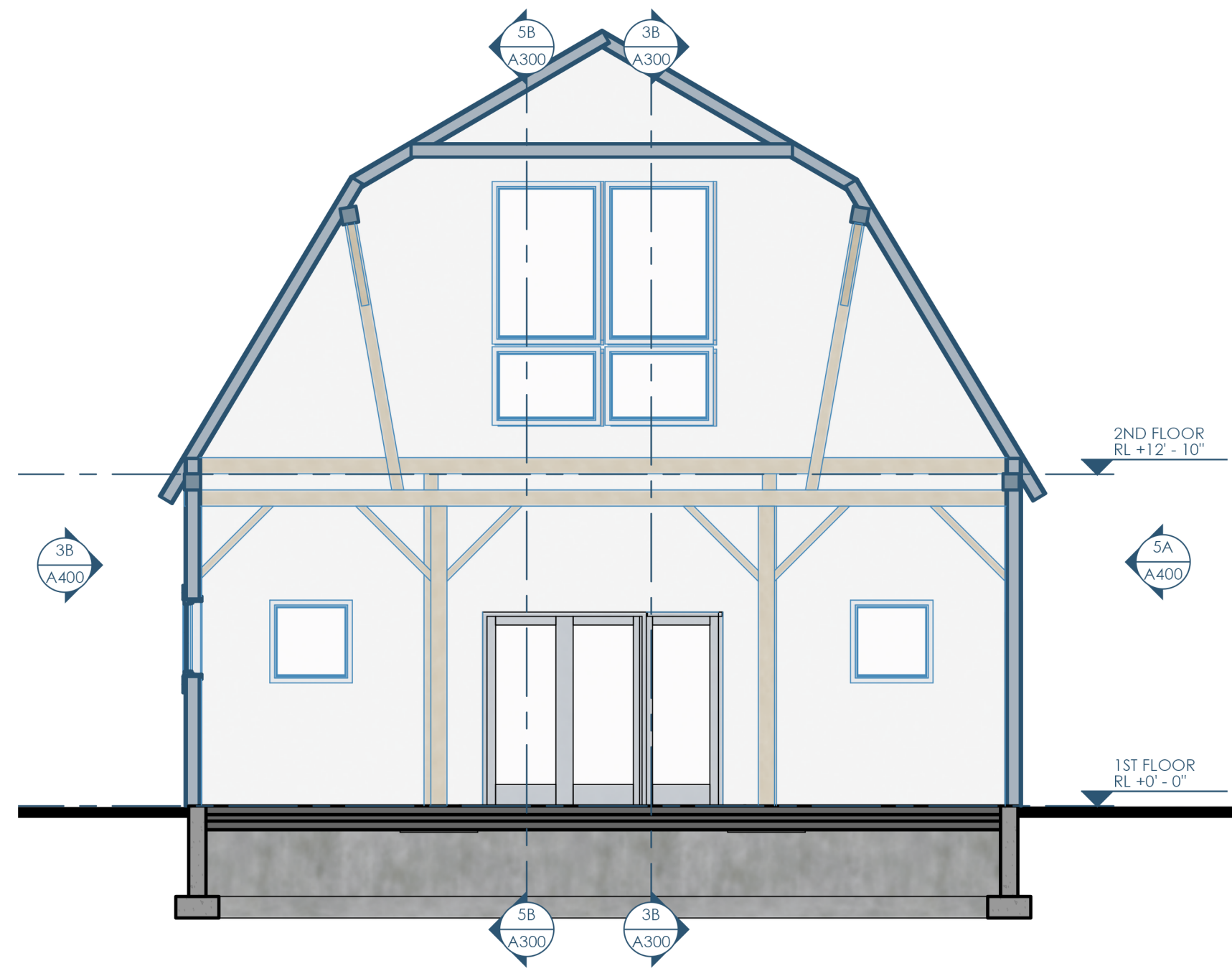
This project, like most Opening Design's projects, is open source (Attribution-ShareAlike 4.0 International=CC-BY-SA 4.0)=freely available to any party for future use, assuming the terms such as Attribution and ShareAlike are honored.



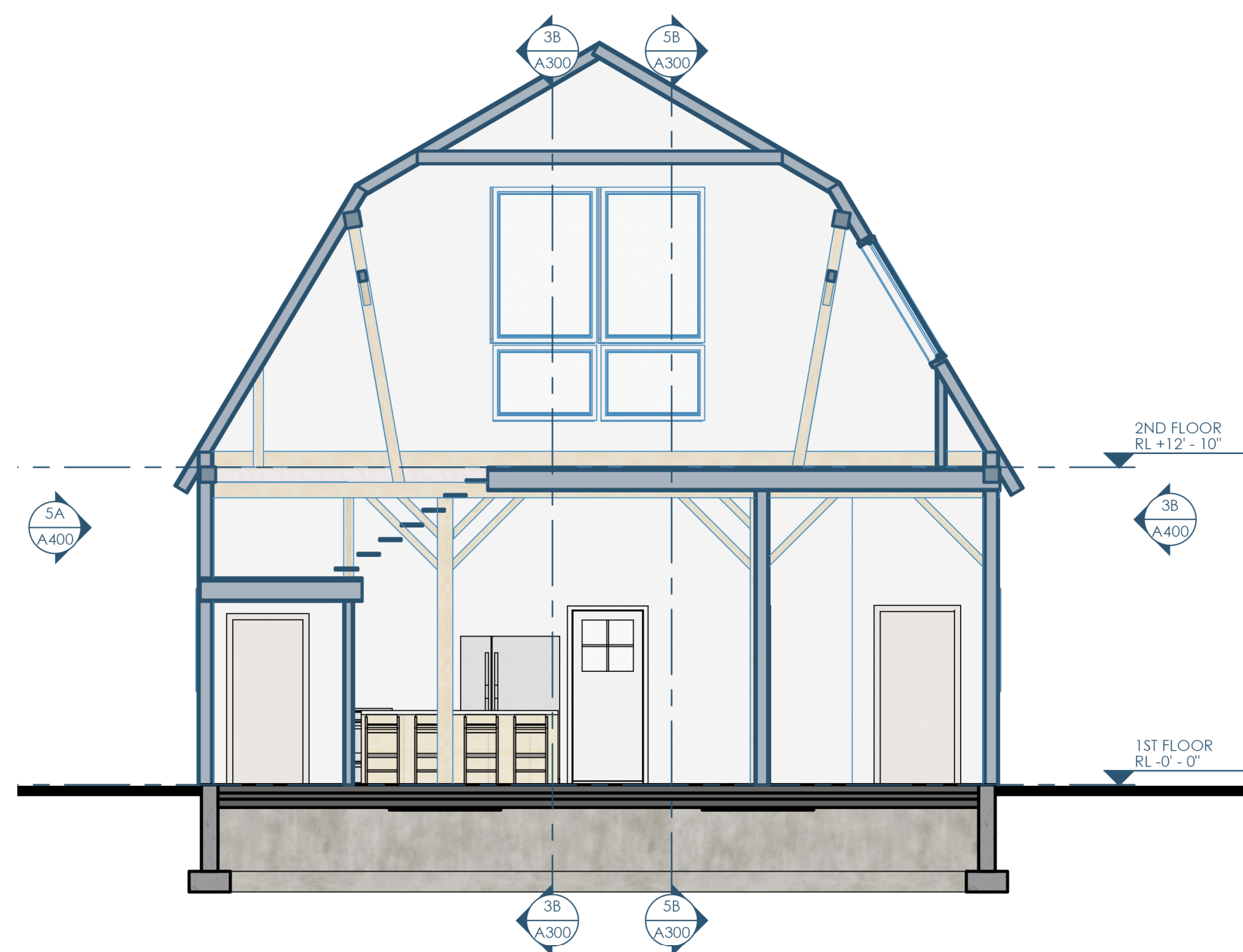
5B/A300 SECTION - E,W - LOOKING NORTH  
3/16"=1'-0"



3B/A300 SECTION - E,W - LOOKING SOUTH  
3/16"=1'-0"



5A/A300 SECTION - N,S - LOOKING EAST  
3/16"=1'-0"



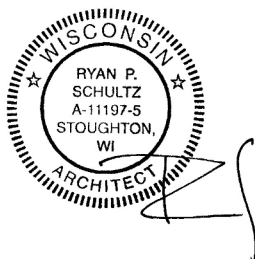
4A/A300 SECTION - N,S - LOOKING WEST  
3/16"=1'-0"



Owner: Kenlyn/Marquis German Shepherd Dogs  
11714 N Eastman Rd  
Edgerton, WI 53534-9051  
Kentboylesgsd@aol.com | 608.884.8355

Structural: Ennovation  
PO Box 148  
Orfordville, WI 53576  
kfrey@ennovationbuilt.com | 608.212.6998

Architect: Opening Design  
17 S Fairchild | FL 7  
Madison, WI 53703  
ryan@openingdesign.com | 773.425.6456

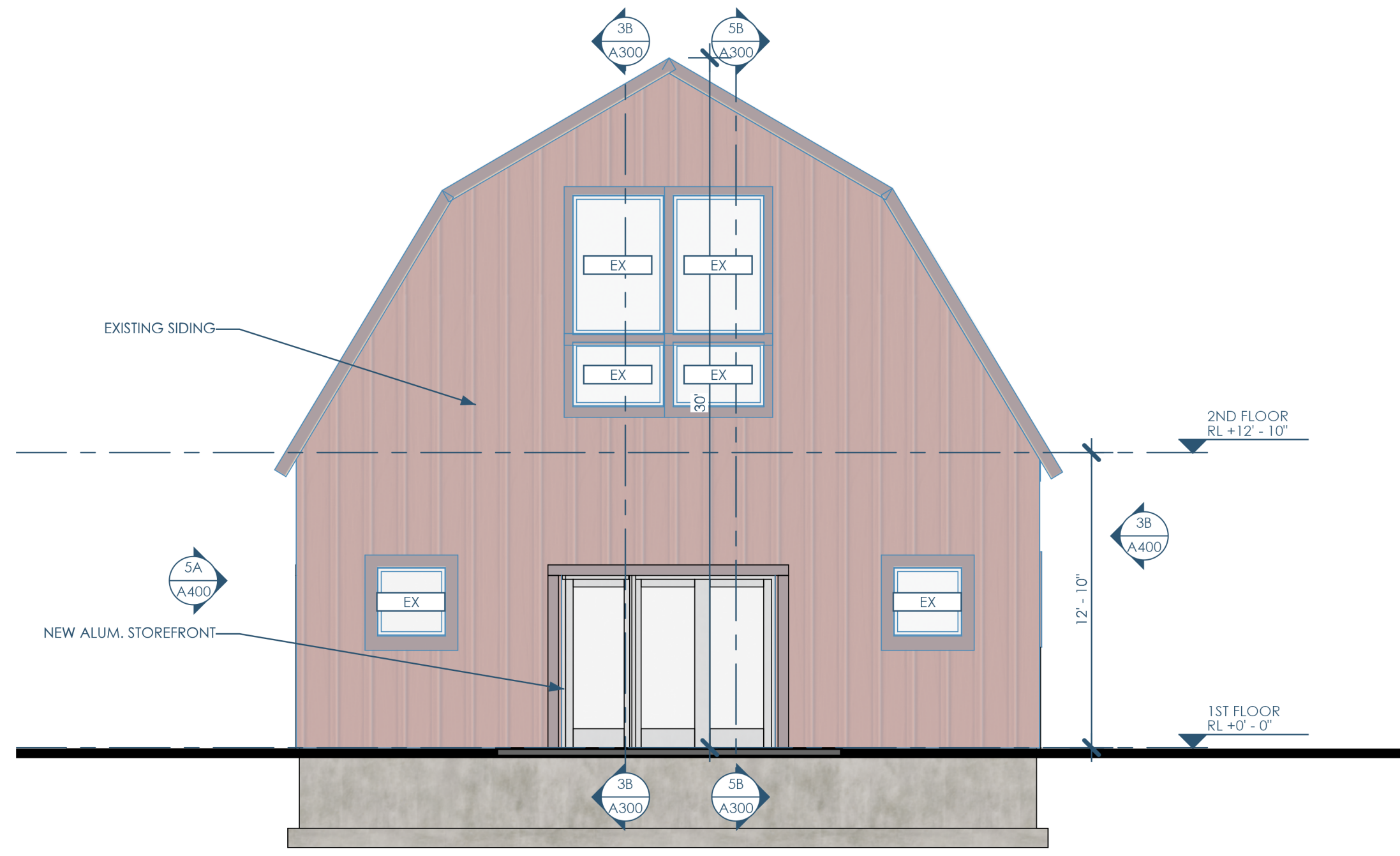


SECTIONS  
BARN RELOCATION

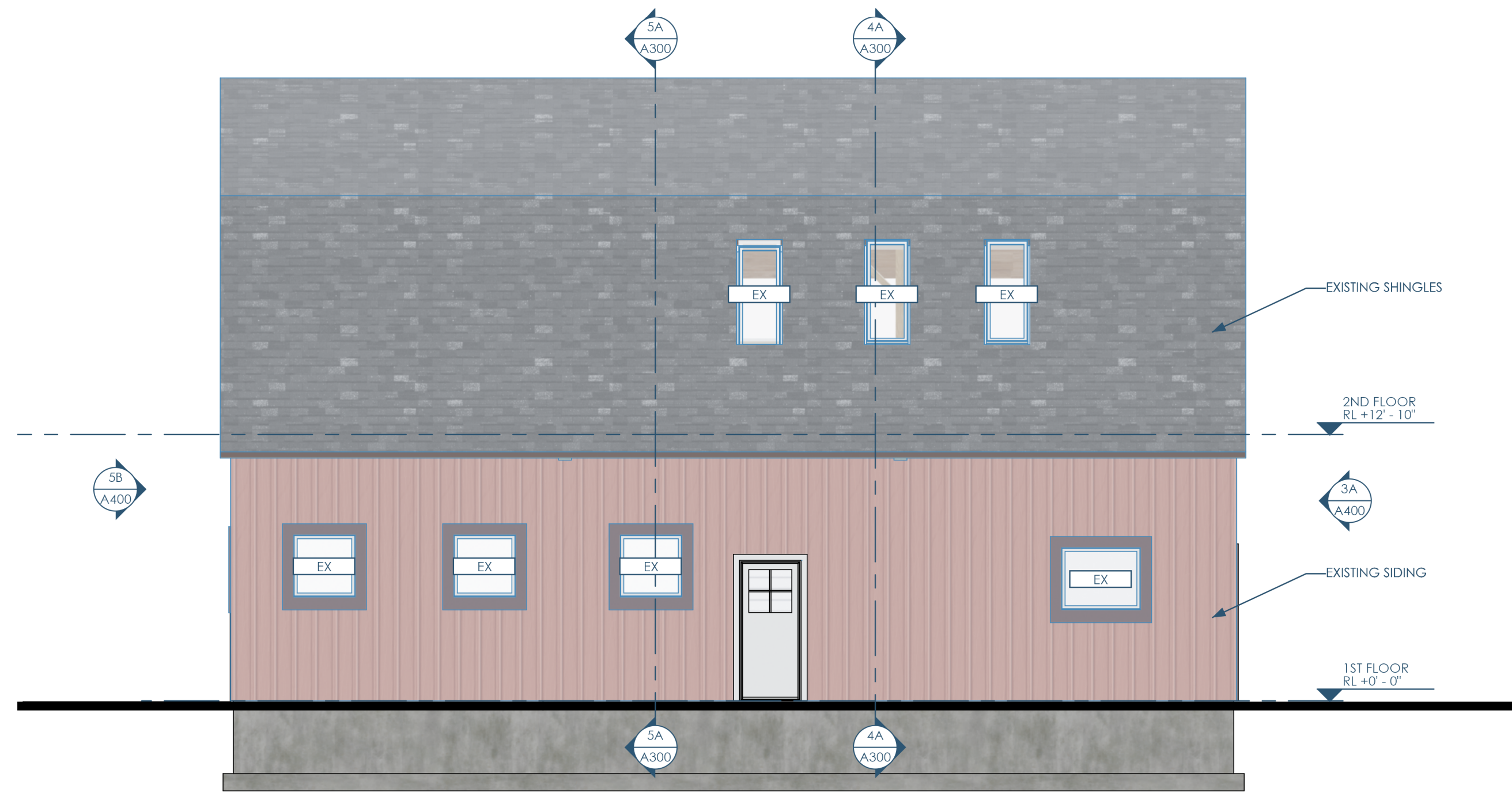
389 E HEMENWAY LANE - EDGERTON, WI 53534

A300

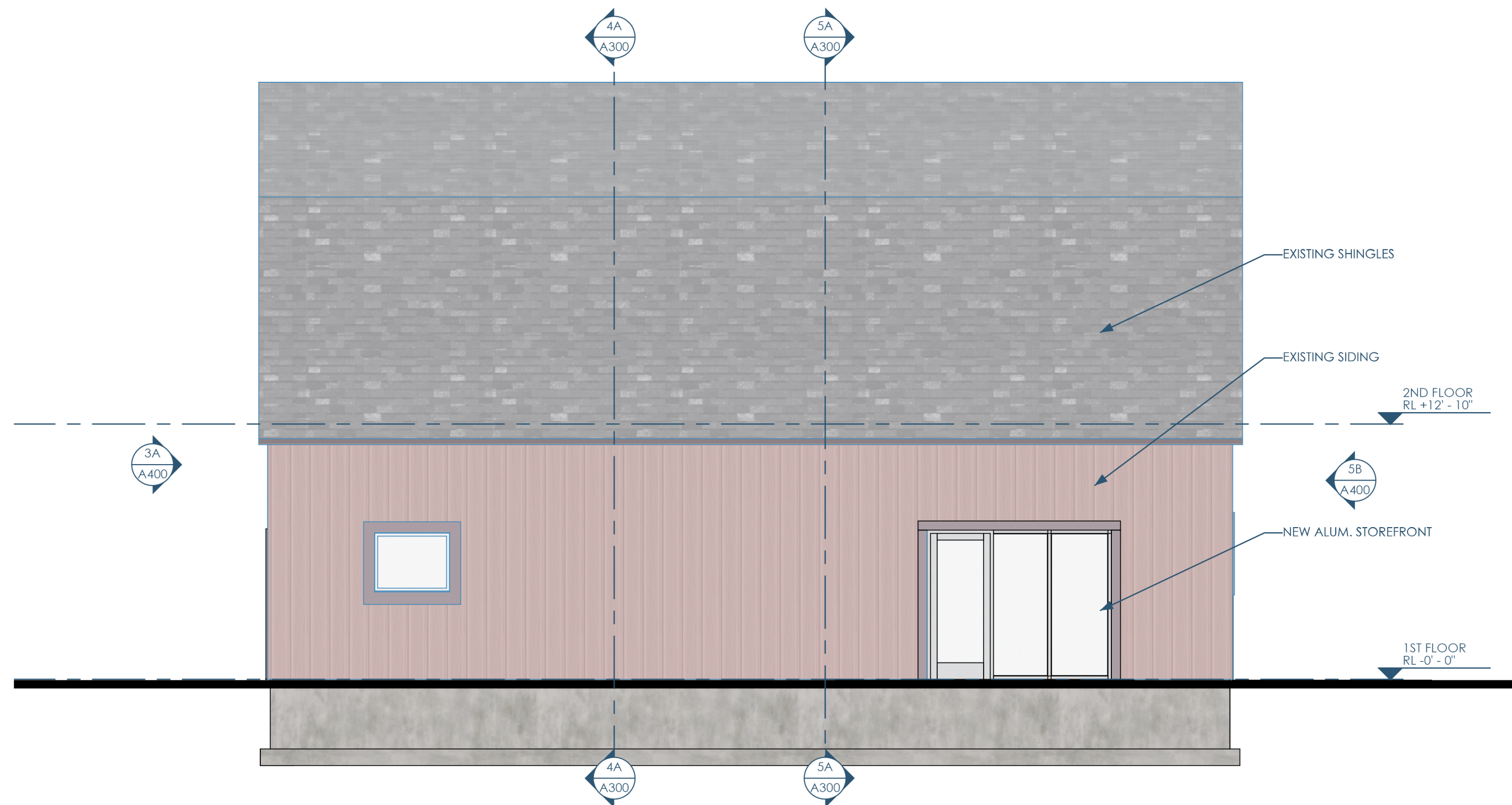
This project, like most Opening Design's projects, is open source (Attribution-ShareAlike 4.0 International=CC-BY-SA 4.0) - freely available to any party for future use, assuming the terms such as Attribution and ShareAlike are honored.



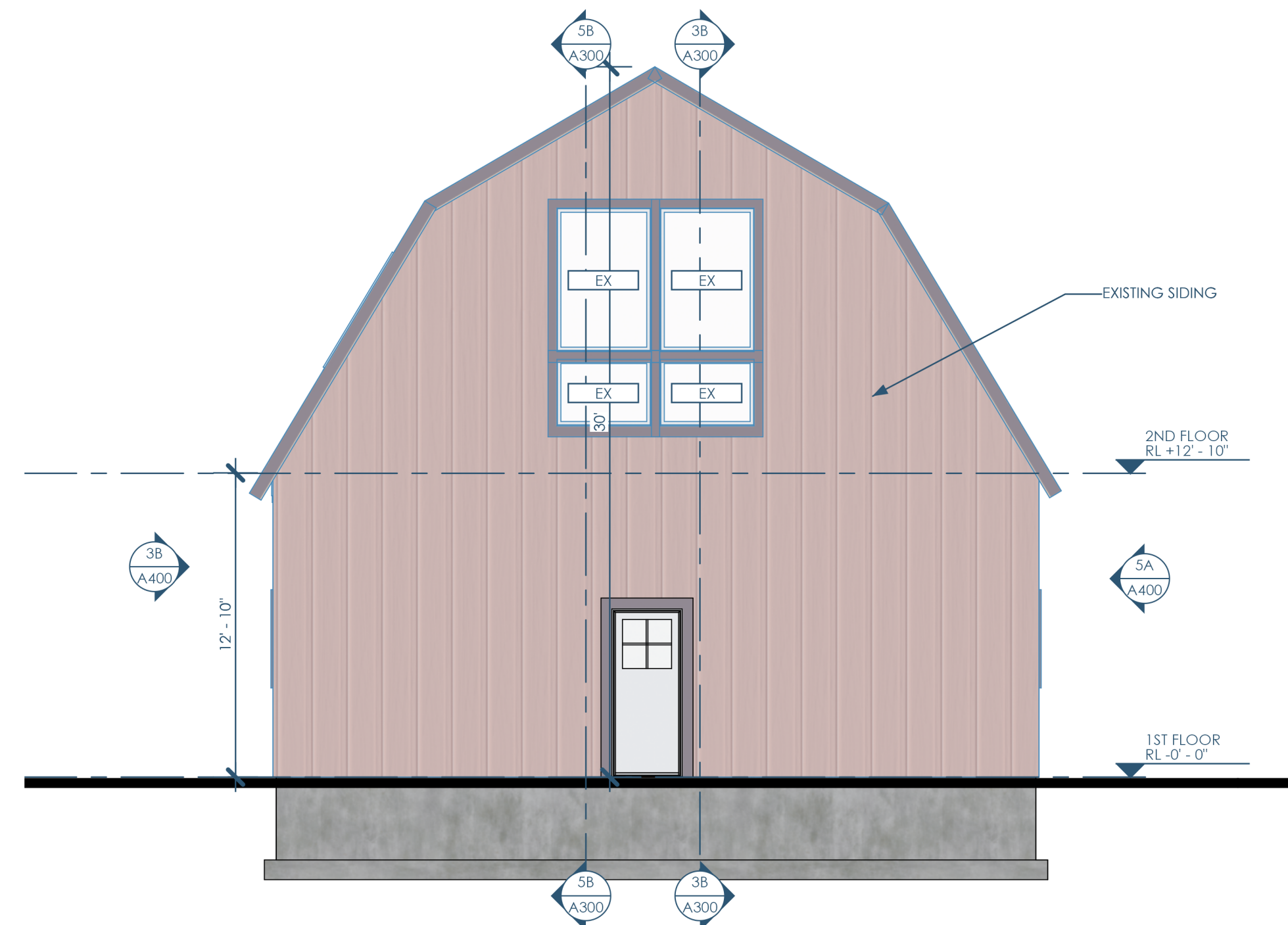
5B/A400 ELEVATION - EAST  
3/16"=1'-0"



3B/A400 ELEVATION - NORTH  
3/16"=1'-0"



5A/A400 ELEVATION - SOUTH  
3/16"=1'-0"



3A/A400 ELEVATION - WEST  
3/16"=1'-0"



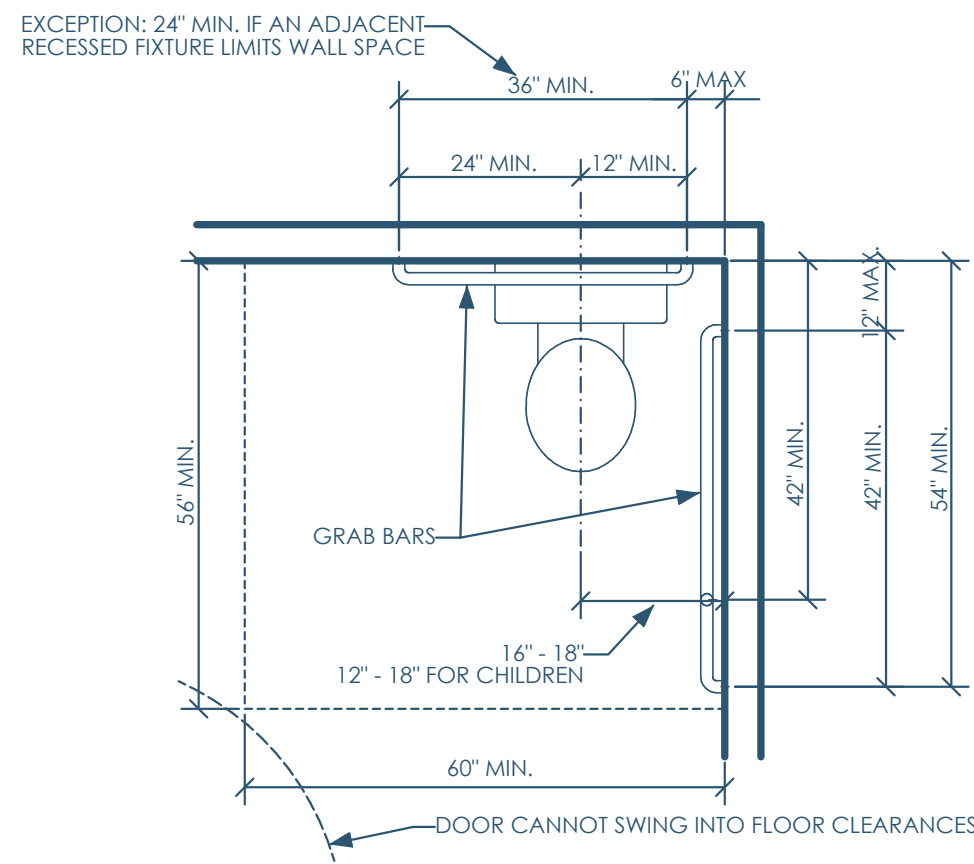
Owner: Kenlyn/Marquis German Shepherd Dogs  
 11714 N Eastman Rd  
 Edgerton, WI 53534-9051  
 kentboylesgsd@aol.com | 608.884.8355

Structural: Ennovation  
 PO Box 148  
 Orfordville, WI 53576  
 ktrey@ennovationbuilt.com | 608.212.6998

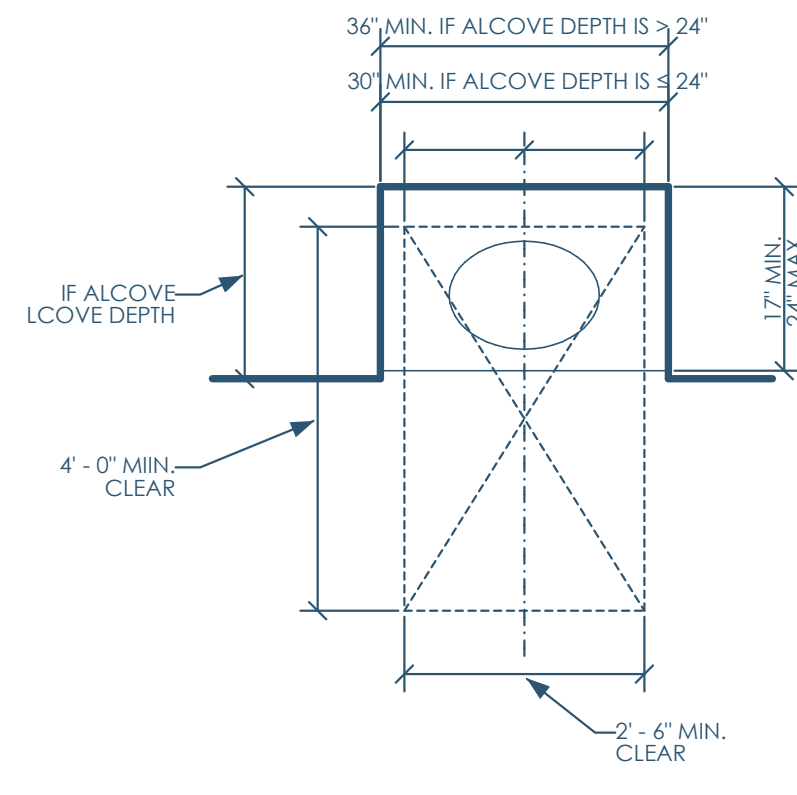
Architect: OpeningDesign  
 17 S Fairchild | FL 7  
 Madison, WI 53703  
 ryan@openingdesign.com | 773.425.6456

ELEVATIONS  
 BARN RELOCATION  
 389 E HEMENWAY LANE - EDGERTON, WI 53534  
**A400**

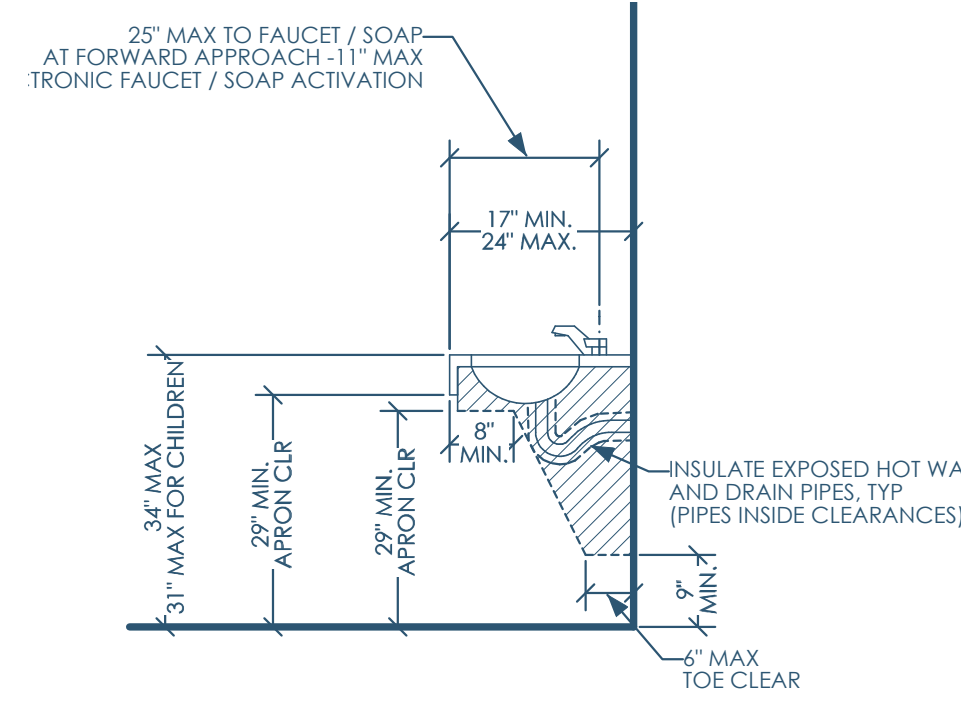
This project, like most OpeningDesign's projects, is open source. (Attribution-ShareAlike 4.0 International=CC-BY-SA 4.0) - freely available to any party for future use, assuming the terms such as Attribution and ShareAlike are honored.



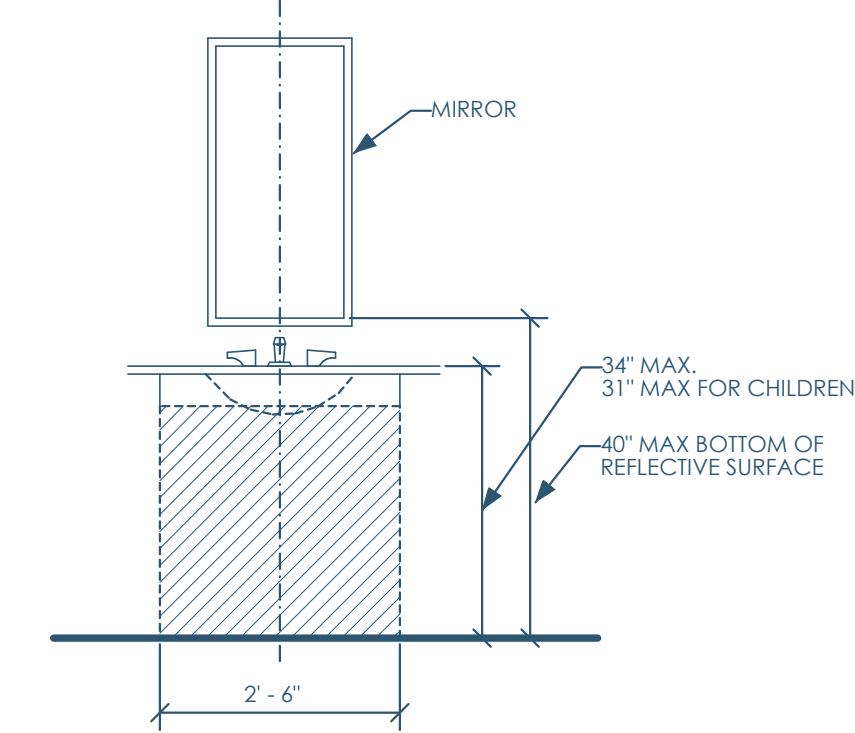
5C/A750 ADA - WATER CLOSET - FLOOR PLAN  
1/2"=1'-0"



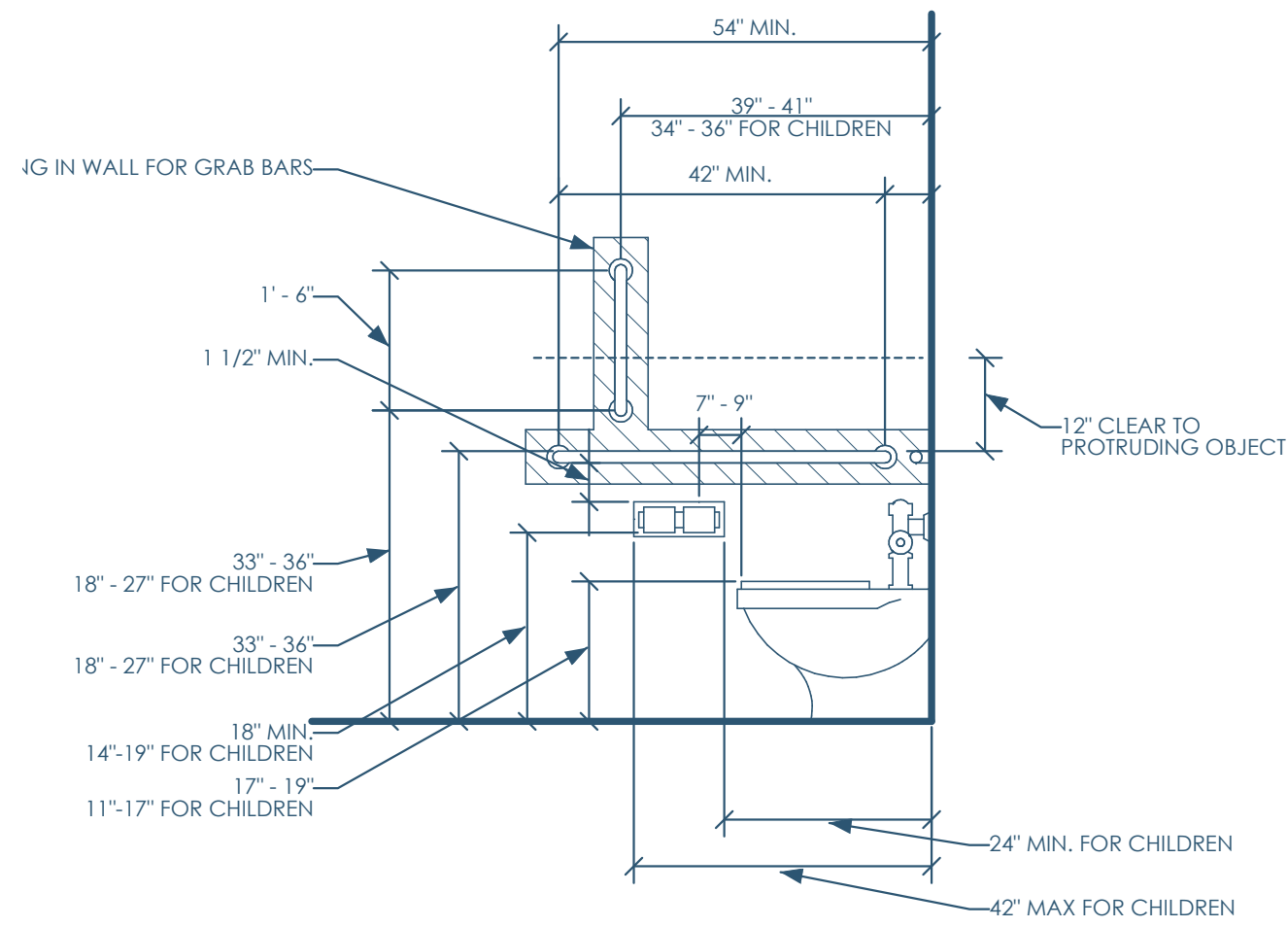
4C/A750 ADA - LAVATORY - PLAN  
1/2"=1'-0"



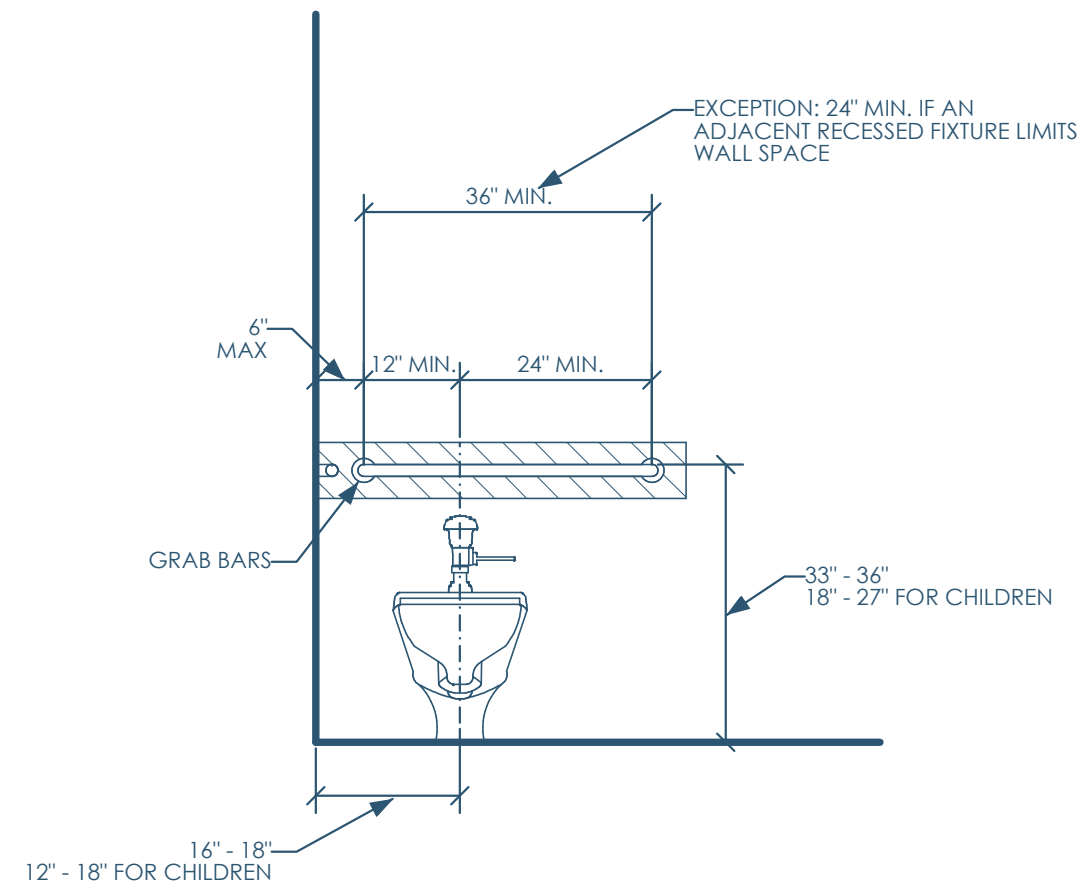
3C/A750 ADA - LAVATORY - SIDE  
1/2"=1'-0"



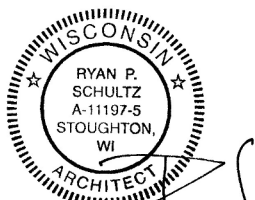
2C/A750 ADA - LAVATORY - FRONT  
1/2"=1'-0"



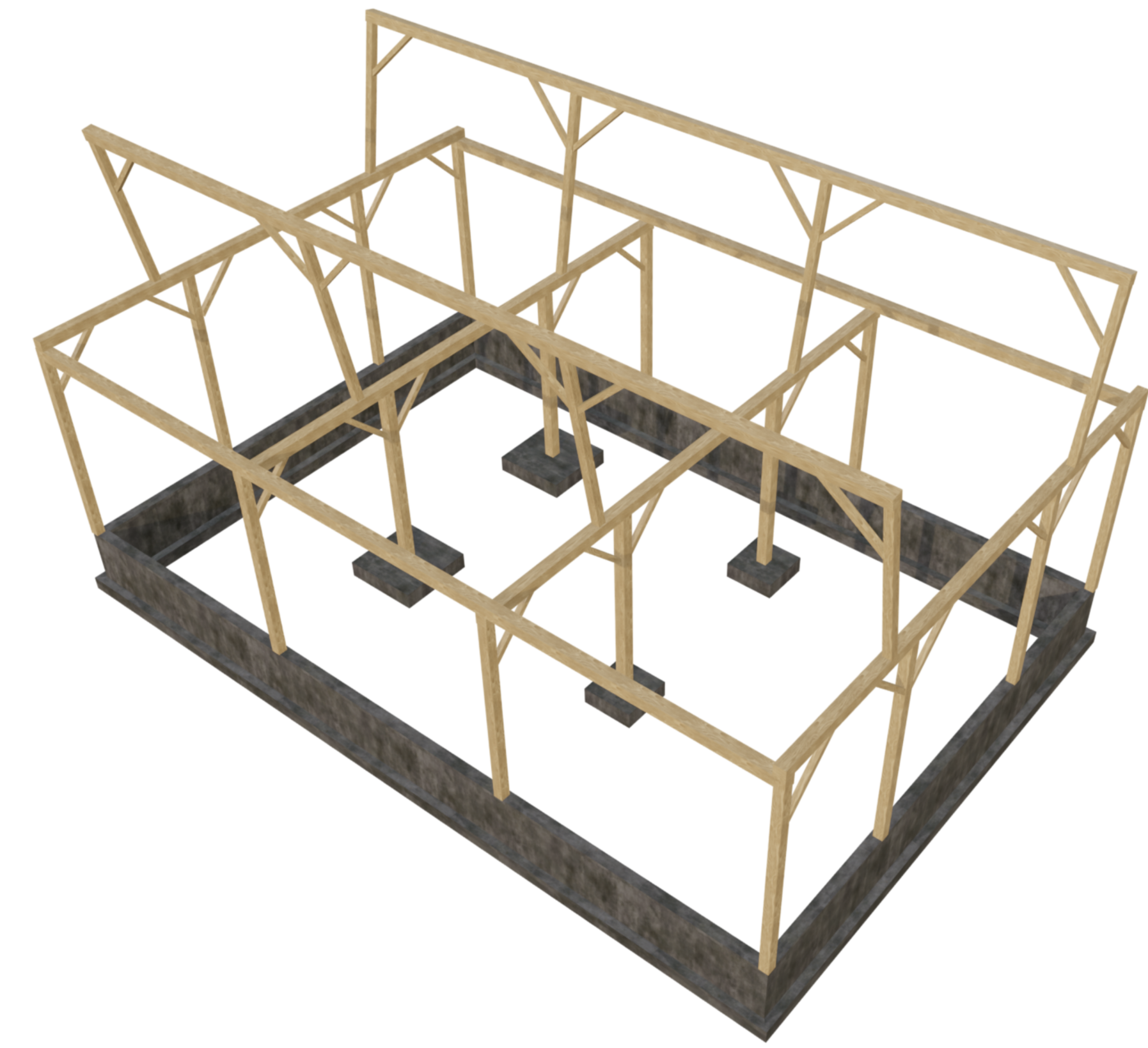
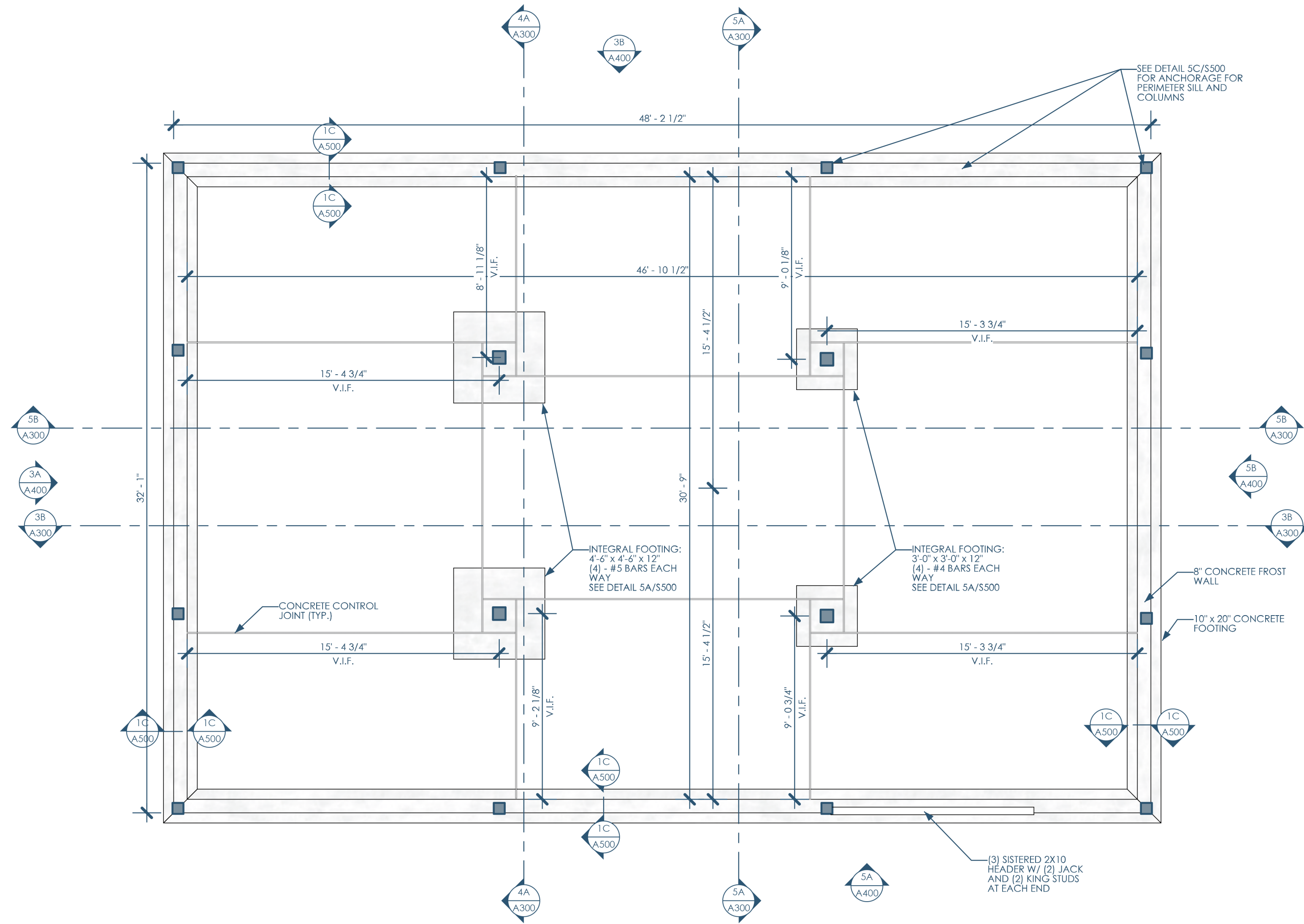
5B/A750 ADA - WATER CLOSET - SIDE - MIRRORRED  
1/2"=1'-0"



4B/A750 ADA - WATER CLOSET - FRONT - MIRRORRED  
1/2"=1'-0"

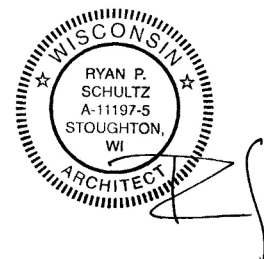


This project, like most OpeningDesign's projects, is open source (Attribution-ShareAlike 4.0 International=CC-BY-SA 4.0) - freely available to any party for future use, assuming the terms such as Attribution and ShareAlike are honored.



3B/S001 STRUCTURE

5B/S001 FOUNDATION AND FRAMING PLAN  
1/4"=1'-0"



Owner: Kenlyn/Marquis German Shepherd Dogs  
11714 N Eastman Rd  
Edgerton, WI 53534-9051  
Kentboylesgsd@aol.com | 608.884.8355

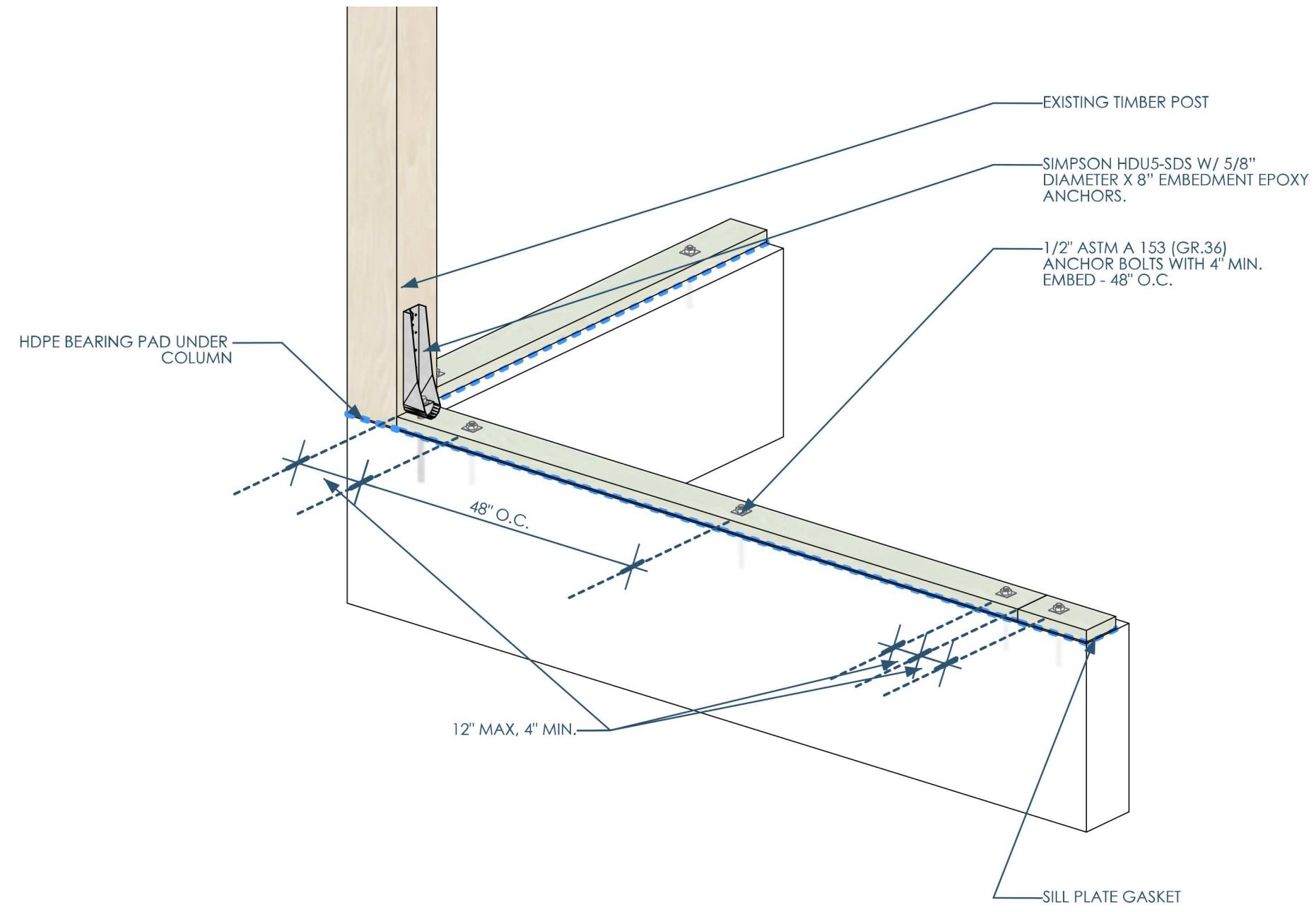
Structural: Ennovation  
PO Box 148  
Orfordville, WI 53576  
kfrey@ennovationbuilt.com | 608.212.6998

Architect: Opening Design  
17 S Fairchild | FL 7  
Madison, WI 53703  
ryan@openingdesign.com | 773.425.6456

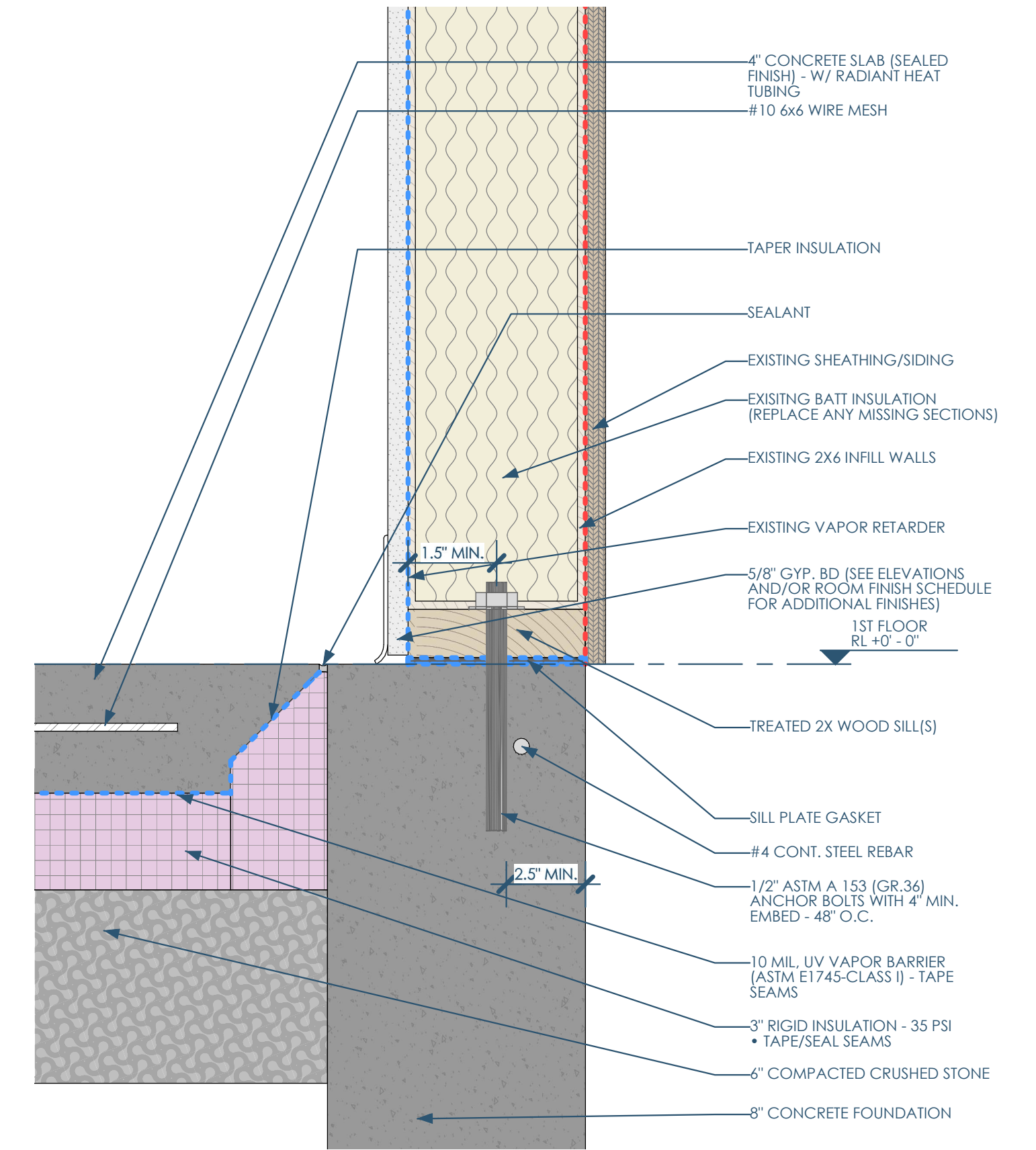
FOUNDATION AND FRAMING PLAN  
BARN RELOCATION  
389 E HEMENWAY LANE - EDGERTON, WI 53534

S001

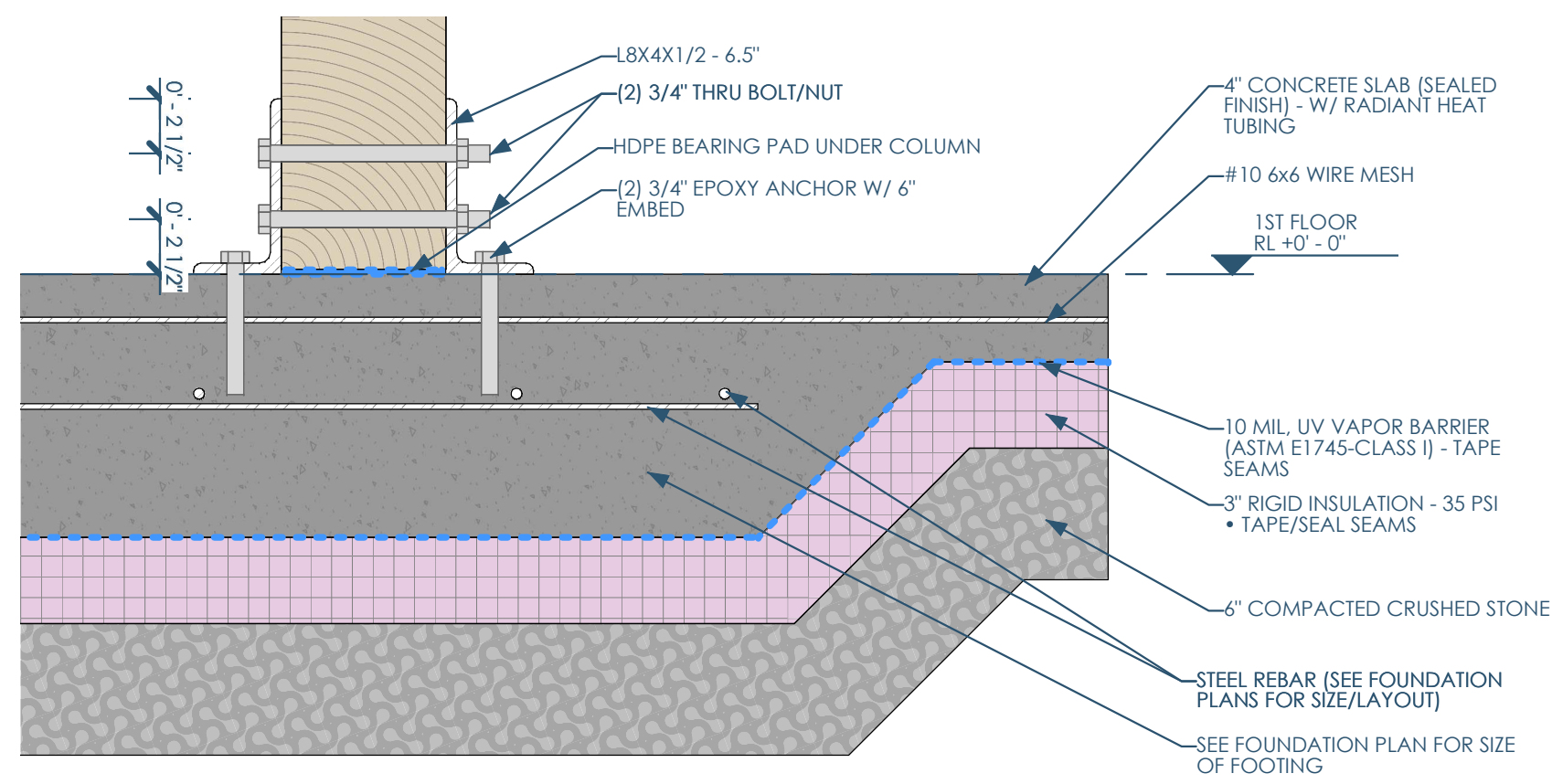
This project, like most Opening Design's projects, is open source (Attribution-ShareAlike 4.0 International=CC-BY-SA 4.0) - freely available to any party for future use, assuming the terms such as Attribution and ShareAlike are honored.



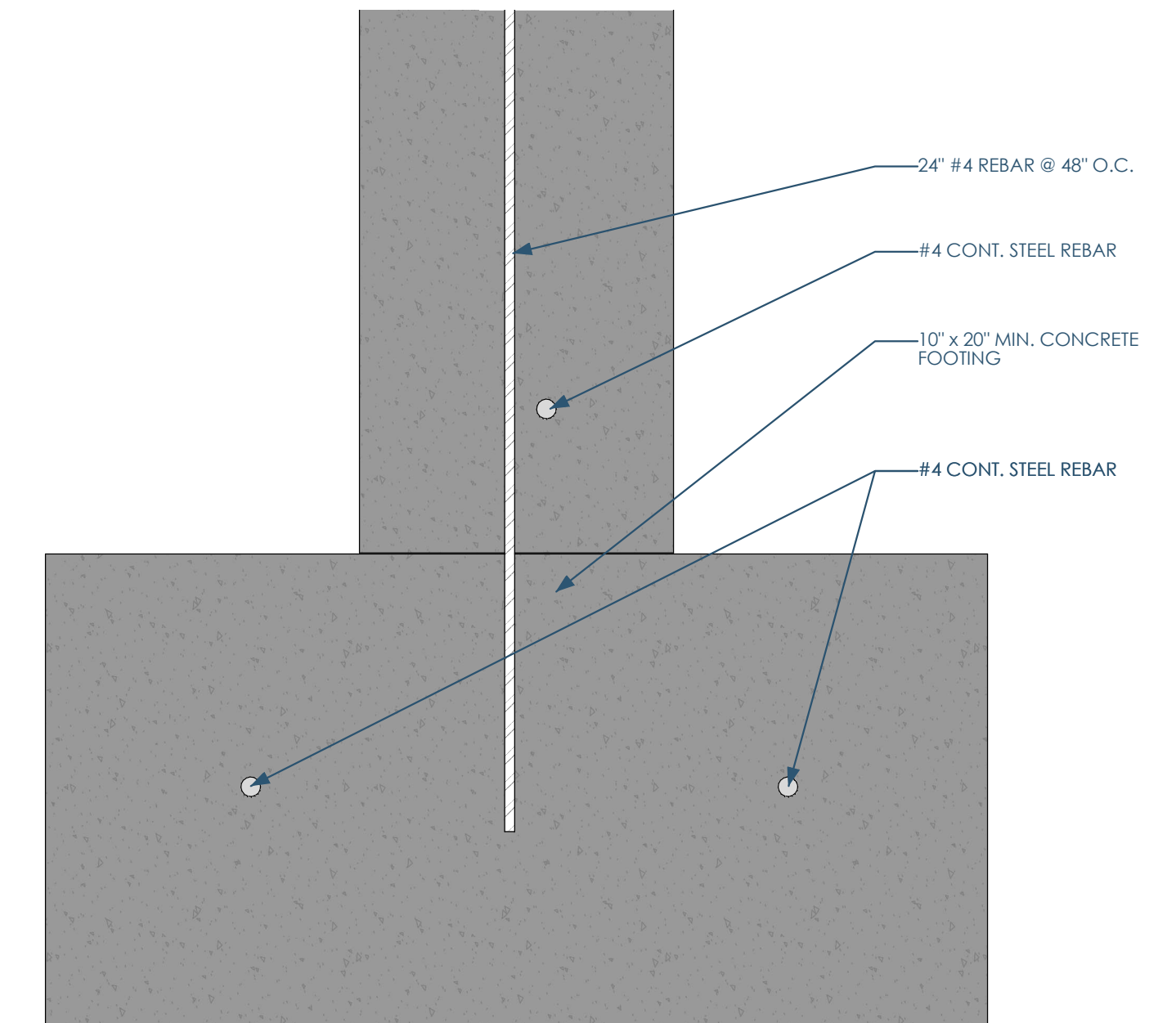
5C/S500 ANCHORAGE AT SILL AND TIMBER COLUMN  
3/4"=1'-0"



2B/S500 DETAIL - SLAB AND FROST WALL  
3"=1'-0"



5A/S500 DETAIL - INTERIOR COLUMN BASE  
1-1/2"=1'-0"



2A/S500 DETAIL - FOOTING  
3"=1'-0"



This project, like most OpeningDesign's projects, is open source (Attribution-ShareAlike 4.0 International=CC-BY-SA 4.0) - freely available to any party for future use, assuming the terms such as Attribution and ShareAlike are honored.