04/15/25	*Cover Page*	**A0.1**

Campbell House

14575 W. 45th St. N.
Colwich, KS 67030

Permit #: TBD

Project Scope

FINISHED SQFT	
Basement	1,741
1st Floor	2,232
2nd Floor	1,735
	5,708

CONDITIONED SQFT	
Basement	2,143
1st Floor	2,232
2nd Floor	1,735
	6,110

UNCONDITIONED SQFT	
Garage	346
Sunroom	346
Decks	304
	996

Volume

CUBIC FT	
Basement	18,215
1st Trusses	3,348
1st Floor	20,088
2nd Trusses	3,348
2nd Floor	17,856
	62,855

Volume includes finished and unfinished spaces. It also includes open to below areas.

Material Estimates

Brick	4,514 sqft
Stone	196 lf
Shingles	4,717 sqft
Flatwork	3,380 sqft
Perimeter	285 lf
Windows	65
Doors	8
Gutters	311 lf

*Material estimates are just **approximate** values that contractors can use to gauge the scale of the work. Not intended for final quotes.*

Targets

THERMAL & AIR	
Slab	R 10
Foundation Wall	R 26
Framed Wall	R 33
Roof	R 64
Air Leakage	.6 ACH50

WINDOW	
U Value	0.18
SHGC	< 0.4
VT	> 0.5
Air Infiltration	0.1

South facing window wall to have higher SHGC than other windows in the house.

STRUCTURAL	
Deflection	L/480
Dead Load	15
Live Load	40
Roof Snow Load	20
Wind Load	115 / C
Site Class	D

Contacts

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Homeowner / Project Lead
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Hanney & Associates
Architect / Consultant
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TBD
Structural Engineer
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Garber Surveying
Site Plan & Surveyor
(620) 665-7032

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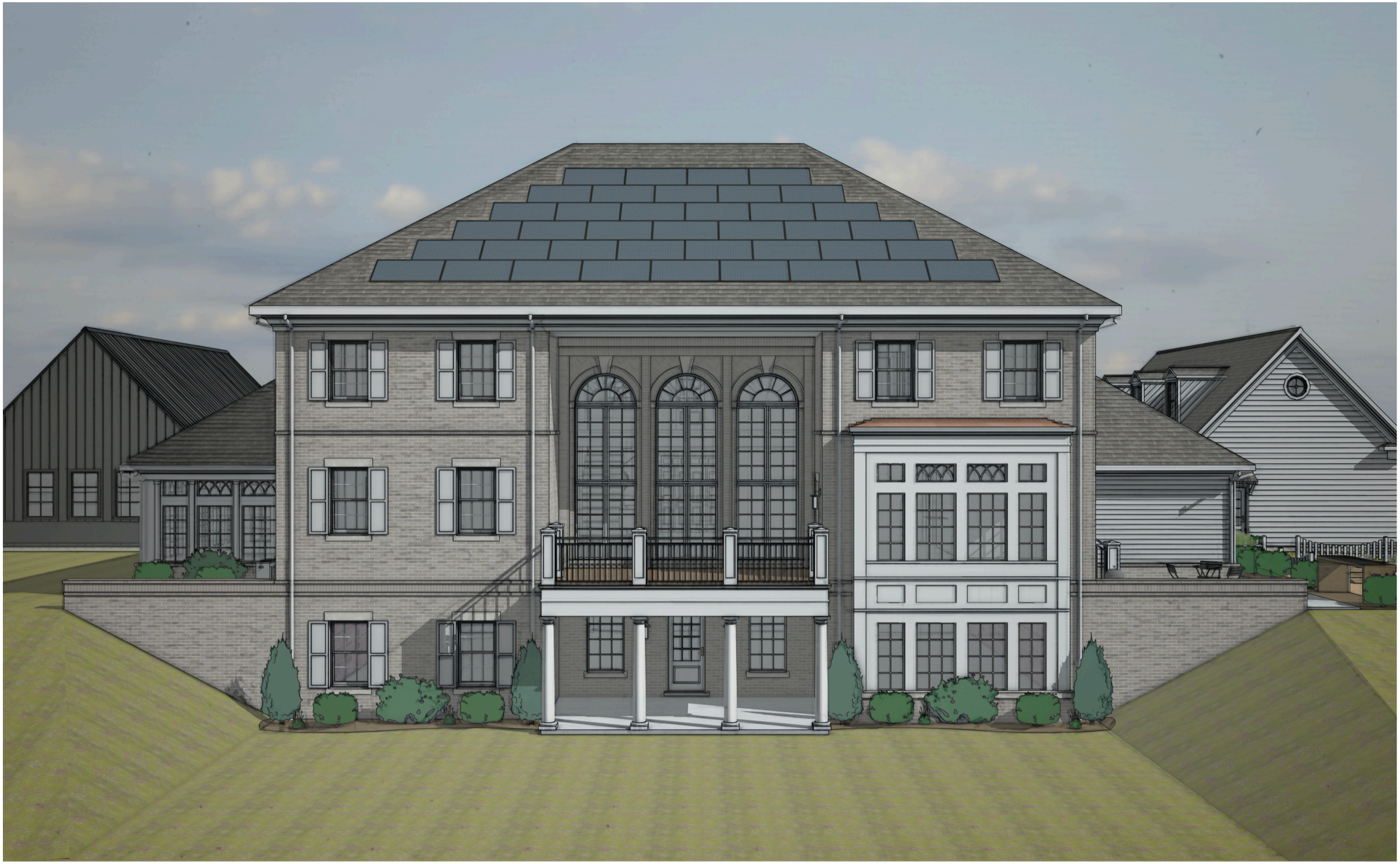
04/15/25	*North Render*	**A0.3**

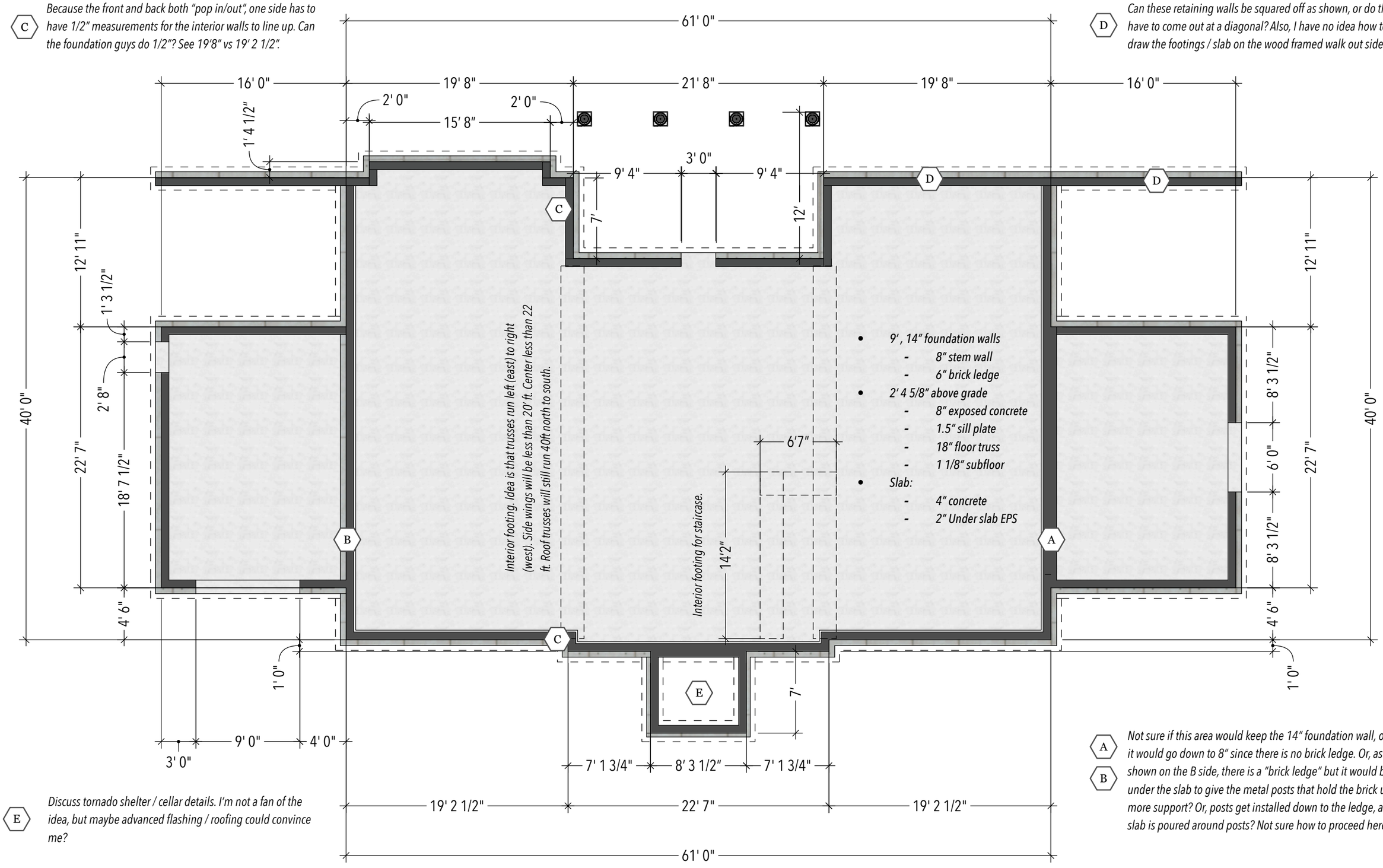


04/15/25	*South Render*	**A0.4**

04/15/25	*South East Render*	**A0.5**

C *Because the front and back both "pop in/out", one side has to have 1/2" measurements for the interior walls to line up. Can the foundation guys do 1/2"? See 19'8" vs 19' 2 1/2".*

D *Can these retaining walls be squared off as shown, or do they have to come out at a diagonal? Also, I have no idea how to draw the footings / slab on the wood framed walk out side.*



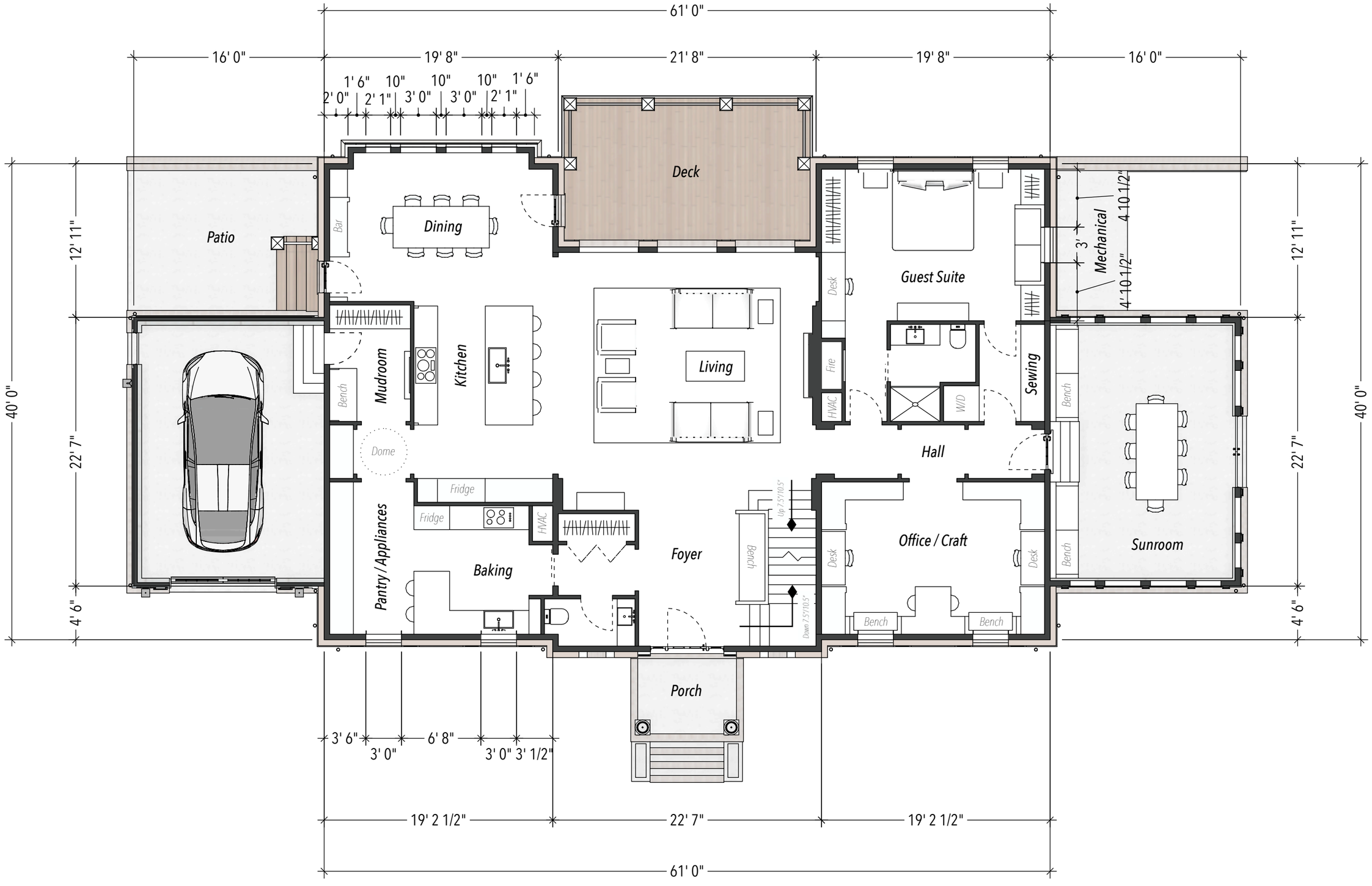
- *9', 14" foundation walls*
  - *8" stem wall*
  - *6" brick ledge*
- *2' 4 5/8" above grade*
  - *8" exposed concrete*
  - *1.5" sill plate*
  - *18" floor truss*
  - *1 1/8" subfloor*
- *Slab:*
  - *4" concrete*
  - *2" Under slab EPS*

E *Discuss tornado shelter / cellar details. I'm not a fan of the idea, but maybe advanced flashing / roofing could convince me?*

A *Not sure if this area would keep the 14" foundation wall, or if it would go down to 8" since there is no brick ledge. Or, as shown on the B side, there is a "brick ledge" but it would be under the slab to give the metal posts that hold the brick up more support? Or, posts get installed down to the ledge, and slab is poured around posts? Not sure how to proceed here.*

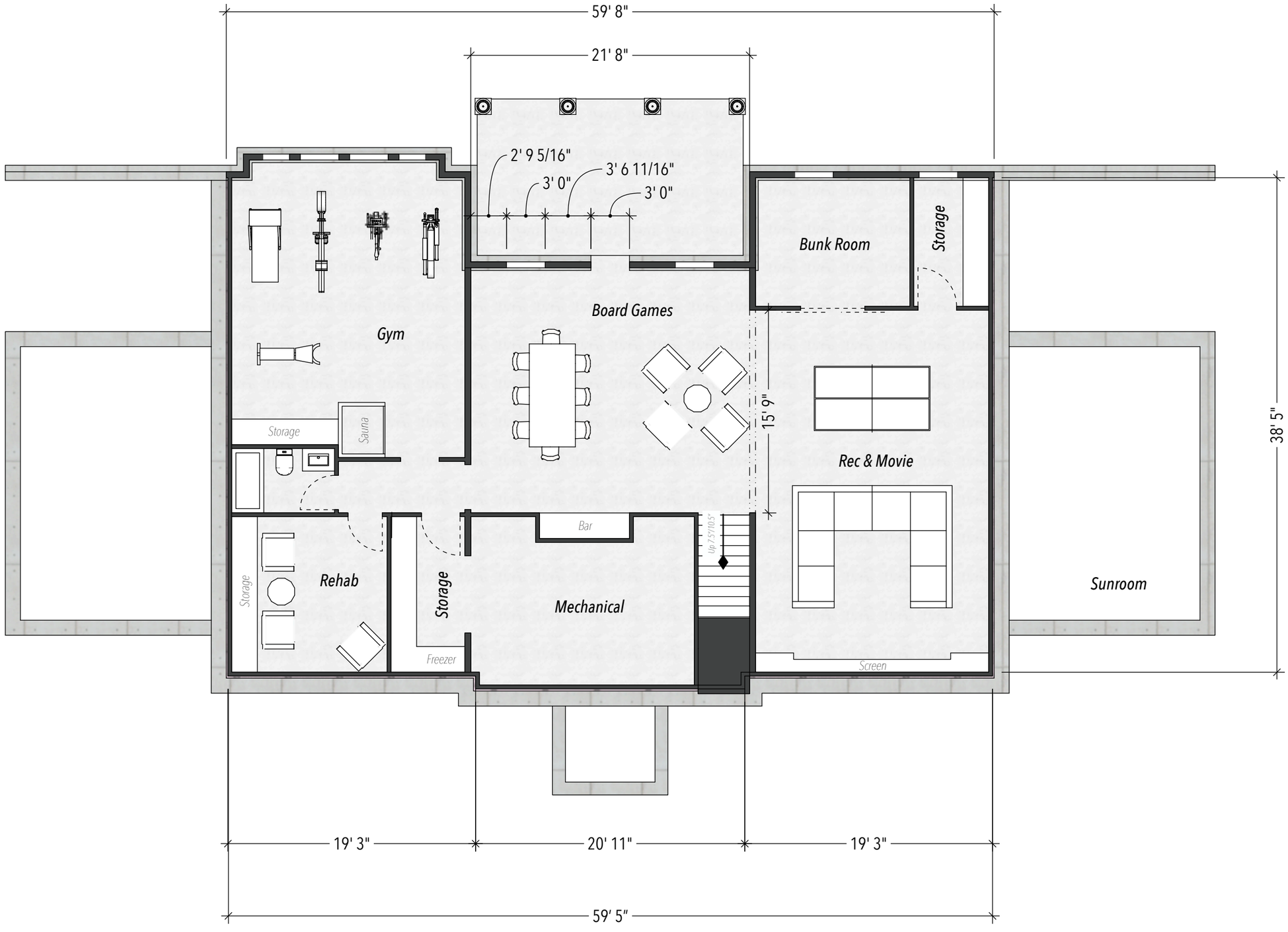
B

04/15/25	*Foundation Plans*	**A2.1**



04/15/25	*1st Floor*	**A2.2**

04/15/25	*2nd Floor*	**A2.3**



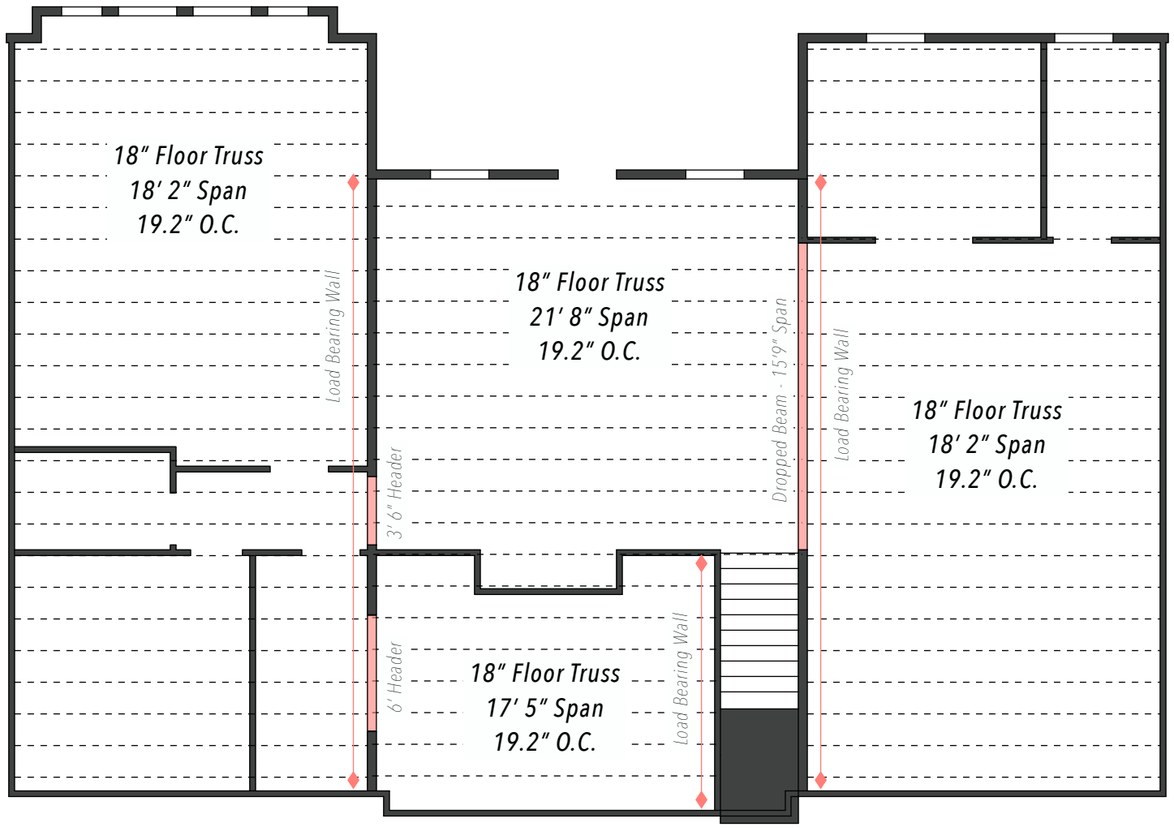
04/15/25	*Basement*	**A2.4**

TODO

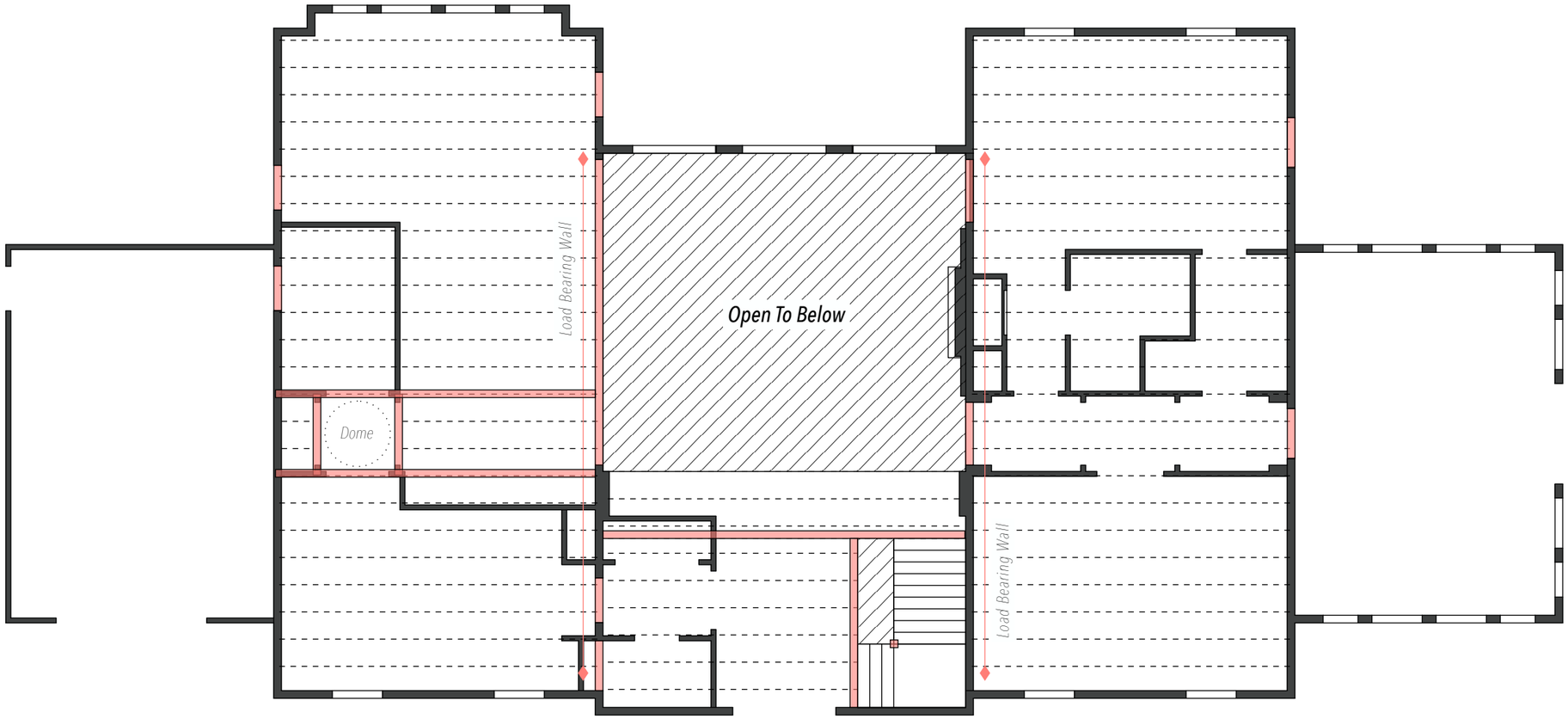
Truss spans shown reflect distance to interior basement wall. Sill plate on foundation wall is ~5.5" further.

TODO

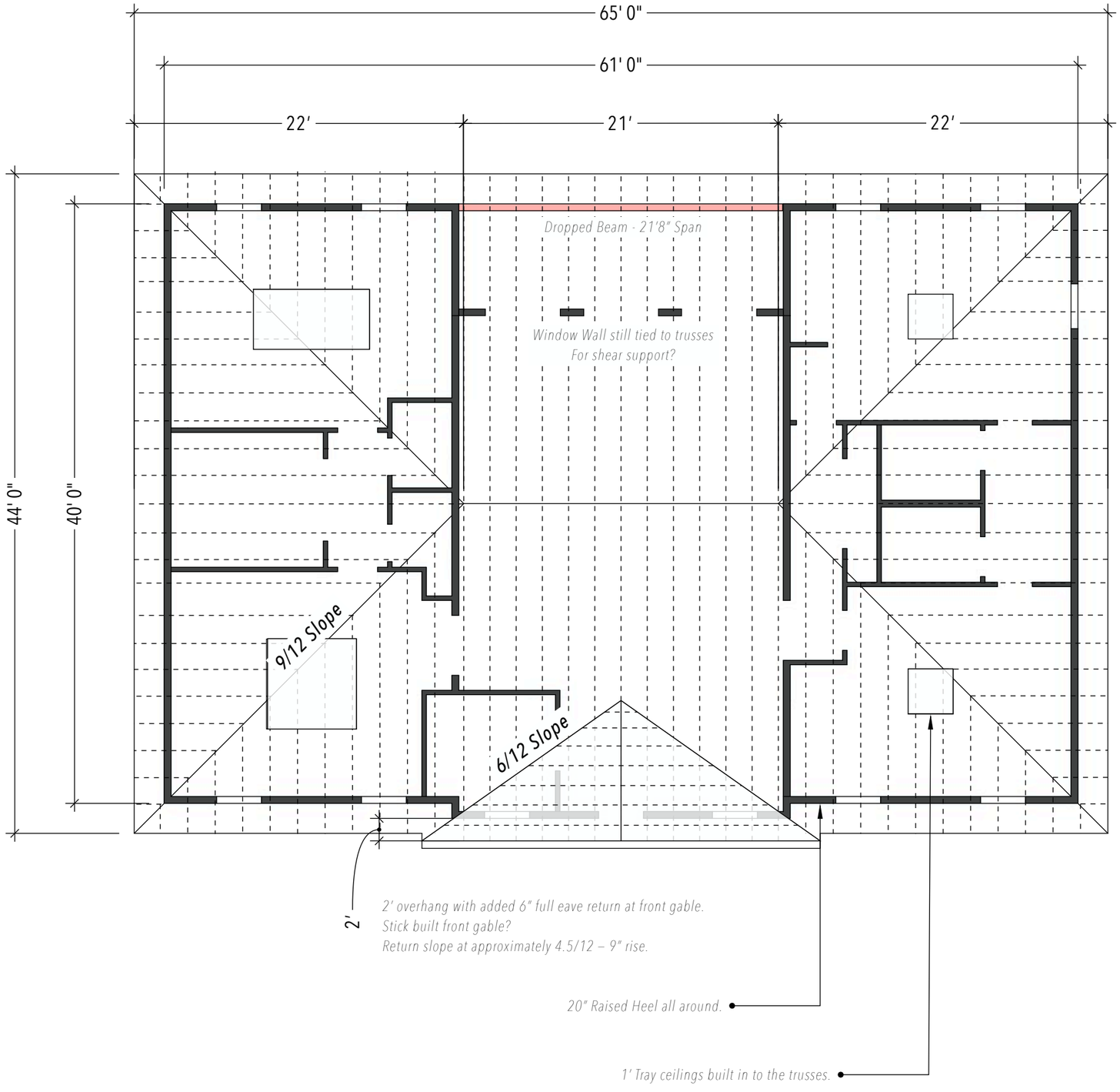
Check span charts: Wings could be 24" OC and still meet L/480. With 1 1/8" subfloor, that should be stiff enough.



04/15/25	*1st Floor Trusses*	**A2.5**



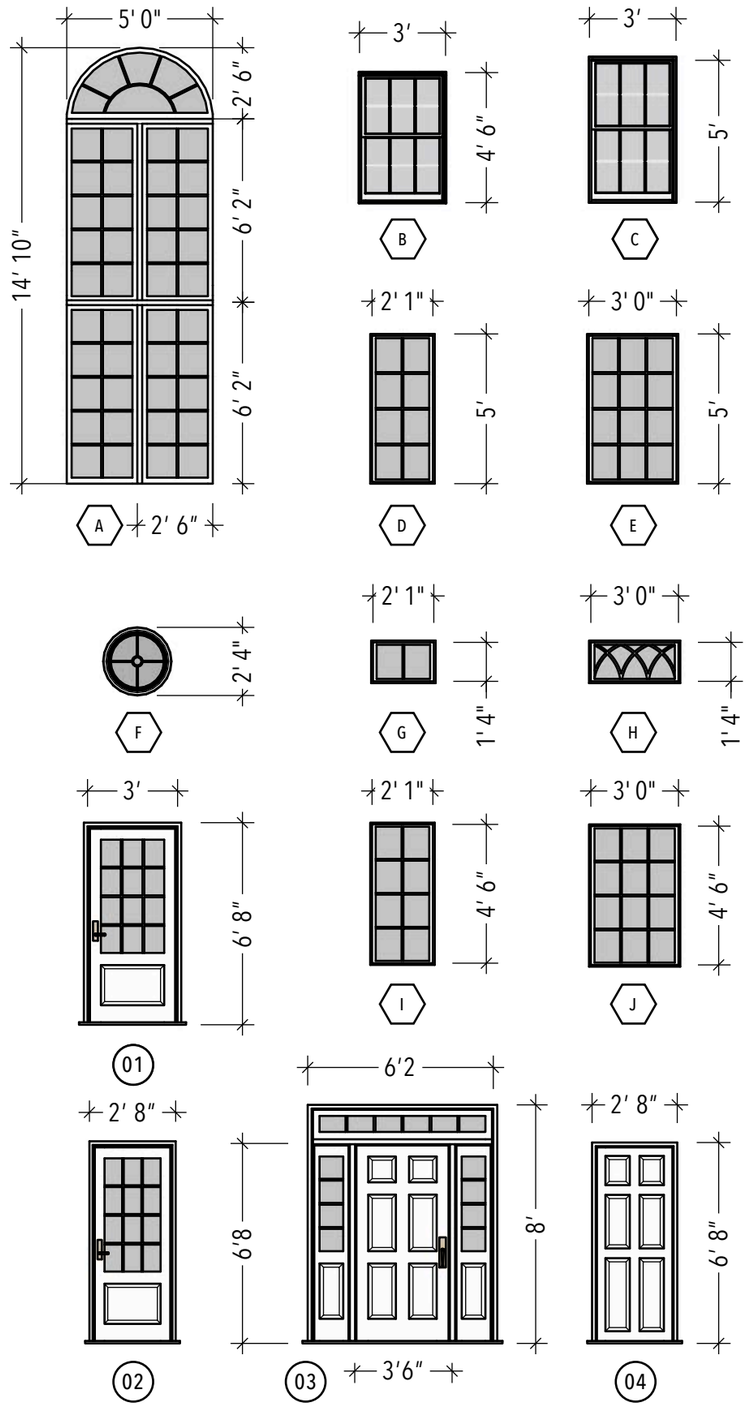
04/15/25	*2nd Floor Trusses*	**A2.6**



Ventilation

SQ IN	
Needed	**1171**
Ridge	**420**
Eaves	**751**
Ratio	**64/36**

1. Ridge assumes max of 20NFVA/ft.
2. 5" hockey puck vents in each truss bay for ~7.3 NFVA per vent.
3. Linear vent under front gable.



Windows

	WIDTH	HEIGHT	STYLE	QTY	NOTES
A	5'	14'10"	Picture	3	*4 identical with vertical and horizontal mull. Arch on top.*
B	3'	4'6"	Double Hung	9	
C	3'	5'	Double Hung	9	
D	2'1"	5'	Picture	4	
E	3'	5'	Picture	8	
F	2'4"	2'4"	Picture	2	
G	2'1"	1'4"	Picture	8	*6 on Sunroom are double pane / vinyl.*
H	3'	1'4"	Picture	10	*8 on Sunroom are double pane / vinyl.*
I	2'1"	4'6"	Picture	6	*Double pane / vinyl.*
J	3'	4'6"	Picture	6	*Double pane / vinyl.*

See A3:Elevations for sill heights.

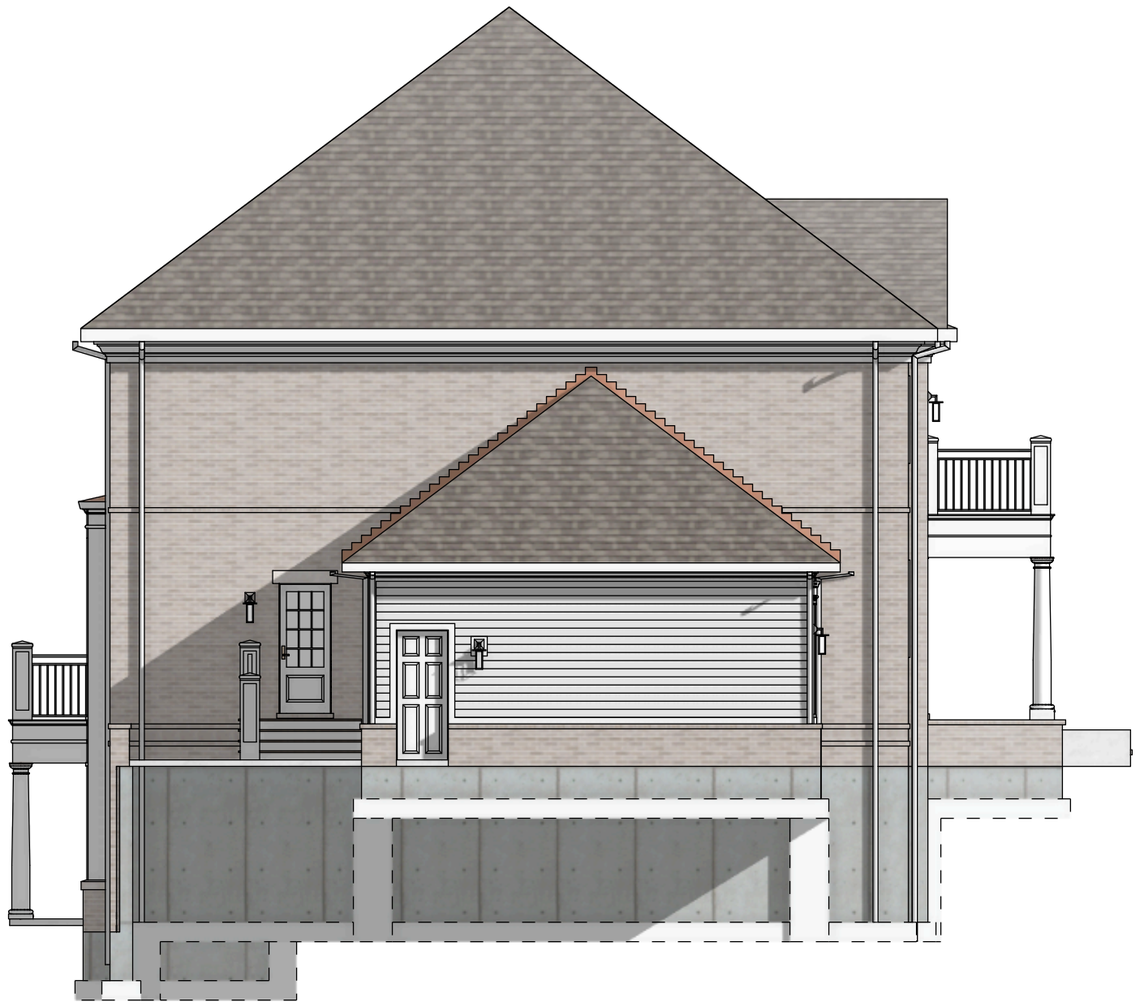
WINDOWS	SQFT	NORTH	SOUTH	EAST	WEST	NOTES
65	833	13%	24%	N/A	5%	*% is windows only conditioned walls of the house.*

Doors

	WIDTH	HEIGHT	SWING	QTY	NOTES
01	3	6'8"	Left	3	*Try to match glass height with nearby window sills on these.*
02	2'8"	6'8"	Right	2	
03	6'2	8'	Left	1	
04	2'8"	6'8"	Left	2	

04/19/25	*North Elevation*	**A3.1**

04/15/25	*South Elevation*	**A3.2**



04/15/25	*East Elevation*	**A3.3**

04/15/25	*West Elevation*	**A3.4**