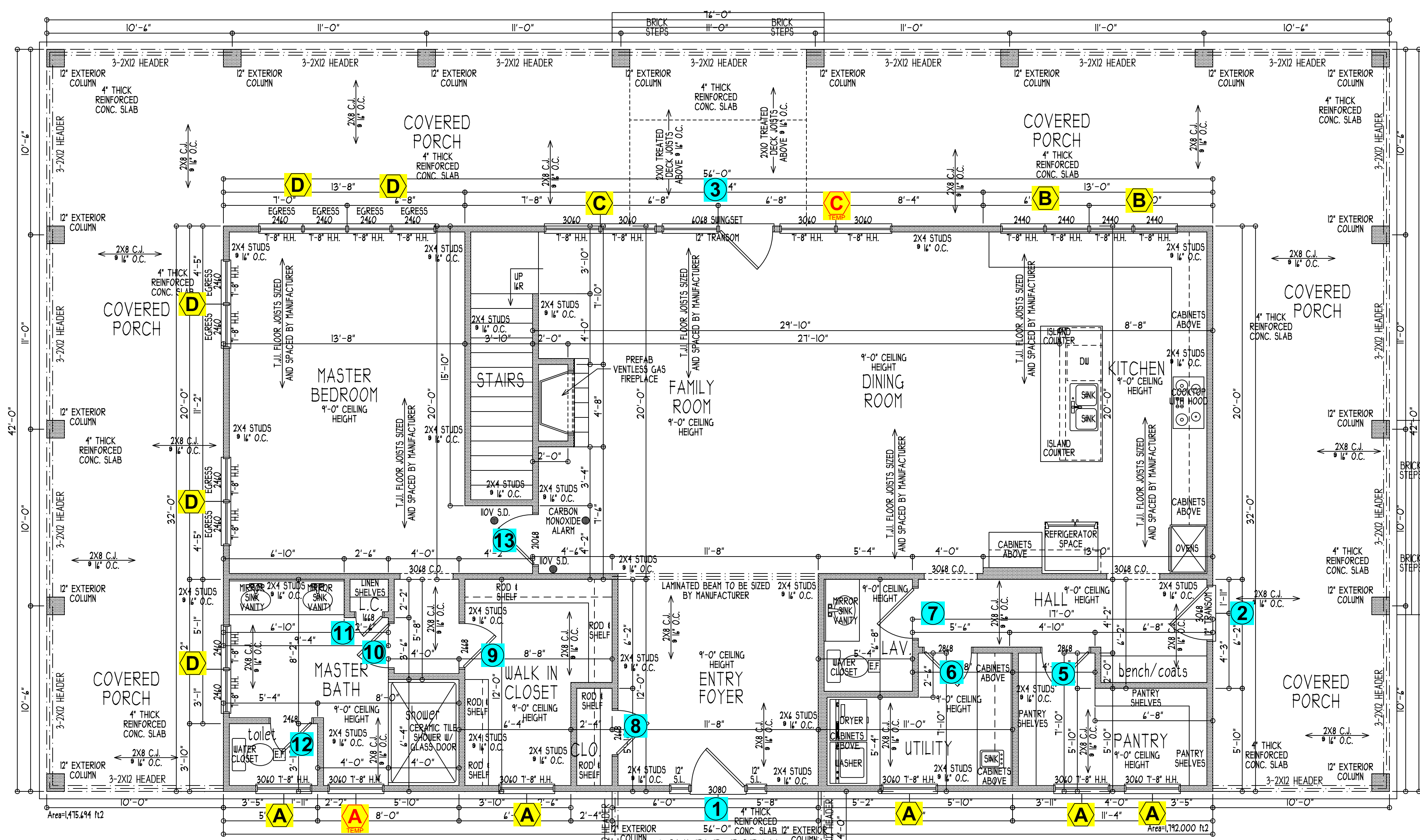




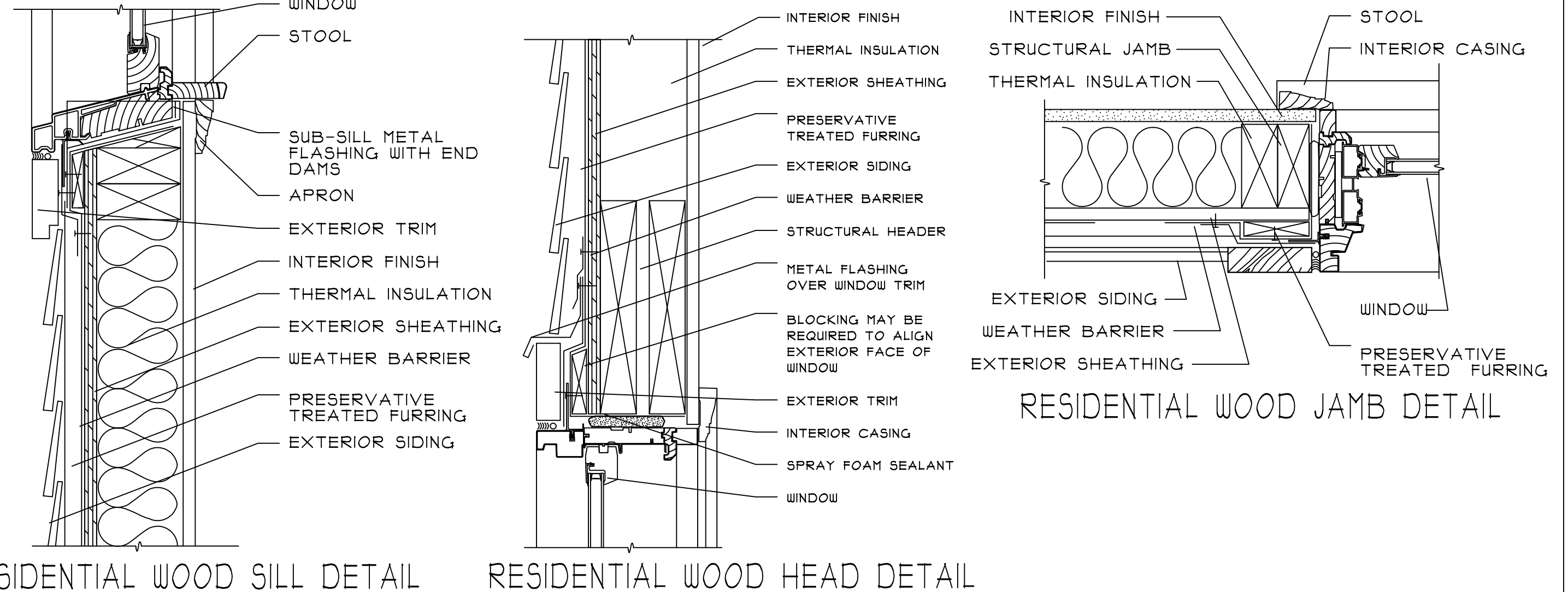
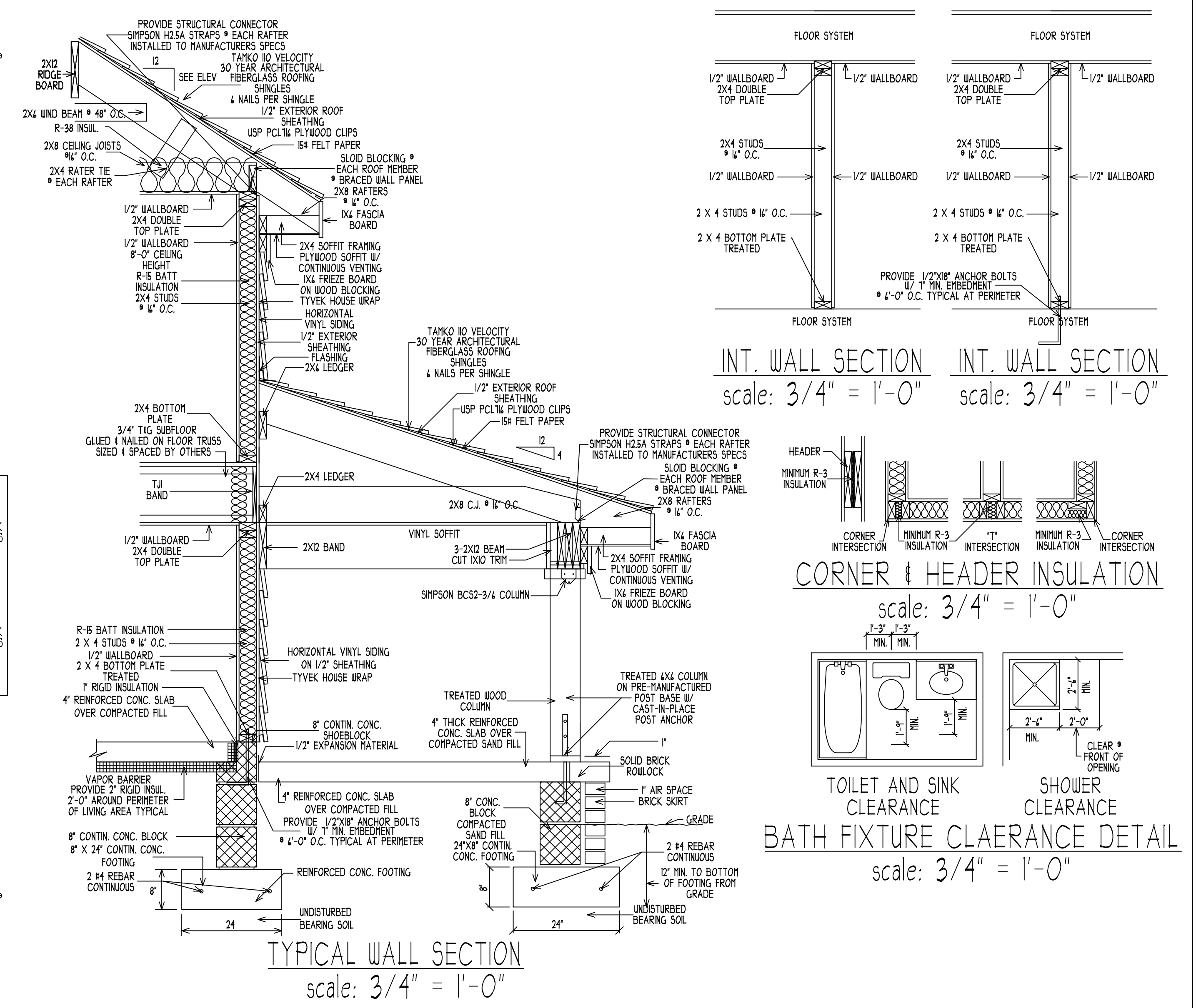
WOOD HEADER & GIRDER SCHEDULE AS PER TABLE R502.5(1) AND R502.5(2)						
WOOD HEADER SIZE	EXTERIOR BEARING WALLS				INTERIOR BEARING WALLS	
	ROOF & CEILING	ROOF,CLG. & ONE CENTER BEARING FLR.	ROOF,CLG. & ONE CLEAR BEARING FLR.	ROOF,CLG. & TWO CENTER BEARING FLR.	ONE FLR. ONLY	TWO FLOORS
2-2X4	SPAN	SPAN	SPAN	SPAN	SPAN	SPAN
	2'-0"	3'-0"	3'-0"	2'-0"	3'-0"	3'-0"
	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"
2-2X6	SPAN	SPAN	SPAN	SPAN	SPAN	SPAN
	2'-0"	3'-0"	3'-0"	2'-0"	3'-0"	3'-0"
	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"
2-2X8	SPAN	SPAN	SPAN	SPAN	SPAN	SPAN
	2'-0"	3'-0"	3'-0"	2'-0"	3'-0"	3'-0"
	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"
3-2X8	SPAN	SPAN	SPAN	SPAN	SPAN	SPAN
	2'-0"	3'-0"	3'-0"	2'-0"	3'-0"	3'-0"
	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"
2-2X10	SPAN	SPAN	SPAN	SPAN	SPAN	SPAN
	2'-0"	3'-0"	3'-0"	2'-0"	3'-0"	3'-0"
	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"
3-2X10	SPAN	SPAN	SPAN	SPAN	SPAN	SPAN
	2'-0"	3'-0"	3'-0"	2'-0"	3'-0"	3'-0"
	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"
2-2X12	SPAN	SPAN	SPAN	SPAN	SPAN	SPAN
	2'-0"	3'-0"	3'-0"	2'-0"	3'-0"	3'-0"
	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"
3-2X12	SPAN	SPAN	SPAN	SPAN	SPAN	SPAN
	2'-0"	3'-0"	3'-0"	2'-0"	3'-0"	3'-0"
	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"

BUILDING DESIGN LOADS	
ROOF DEAD LOAD	20 P.S.F.
ROOF LIVE LOAD	20 P.S.F.
ATTICS (W/ LIMITED STORAGE) LIVE LOAD	20 P.S.F.
DECK LIVE LOAD	40 P.S.F.
ROOMS (OTHER THAN SLEEPING) LIVE LOAD	40 P.S.F.
SLEEPING ROOMS LIVE LOAD	30 P.S.F.
STAIR LIVE LOAD	40 P.S.F.
GROUND SNOW LOAD	10 P.S.F.
SLAB ON GRADE	100 P.S.F.
WIND LOAD	120 M.P.H.
WIND EXPOSURE	B
SEISMIC DESIGN LOAD	A

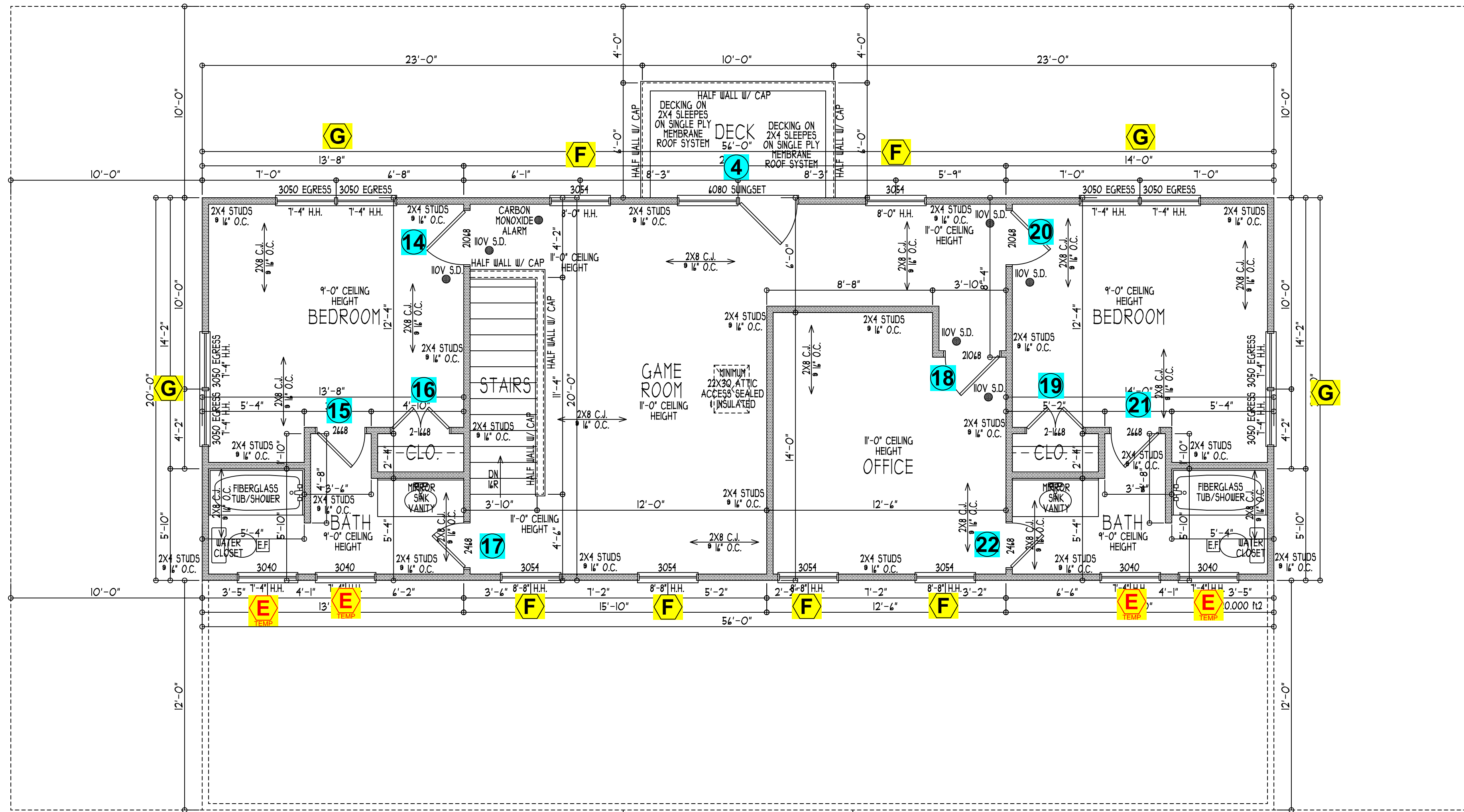
PROPOSED FIRST FLOOR PLAN
scale: 1/4" = 1'-0"

BUILDING DESIGN DATA:
FIRST FLOOR LIVING AREA: 1792.000 sq. ft.
SECOND FLOOR LIVING AREA: 1120.000 sq. ft.
TOTAL LIVING AREA: 2912.000 sq. ft.
WRAP AROUND PORCH AREA: 1415.644 sq. ft.
FRONT PORCH AREA: 48.000 sq. ft.

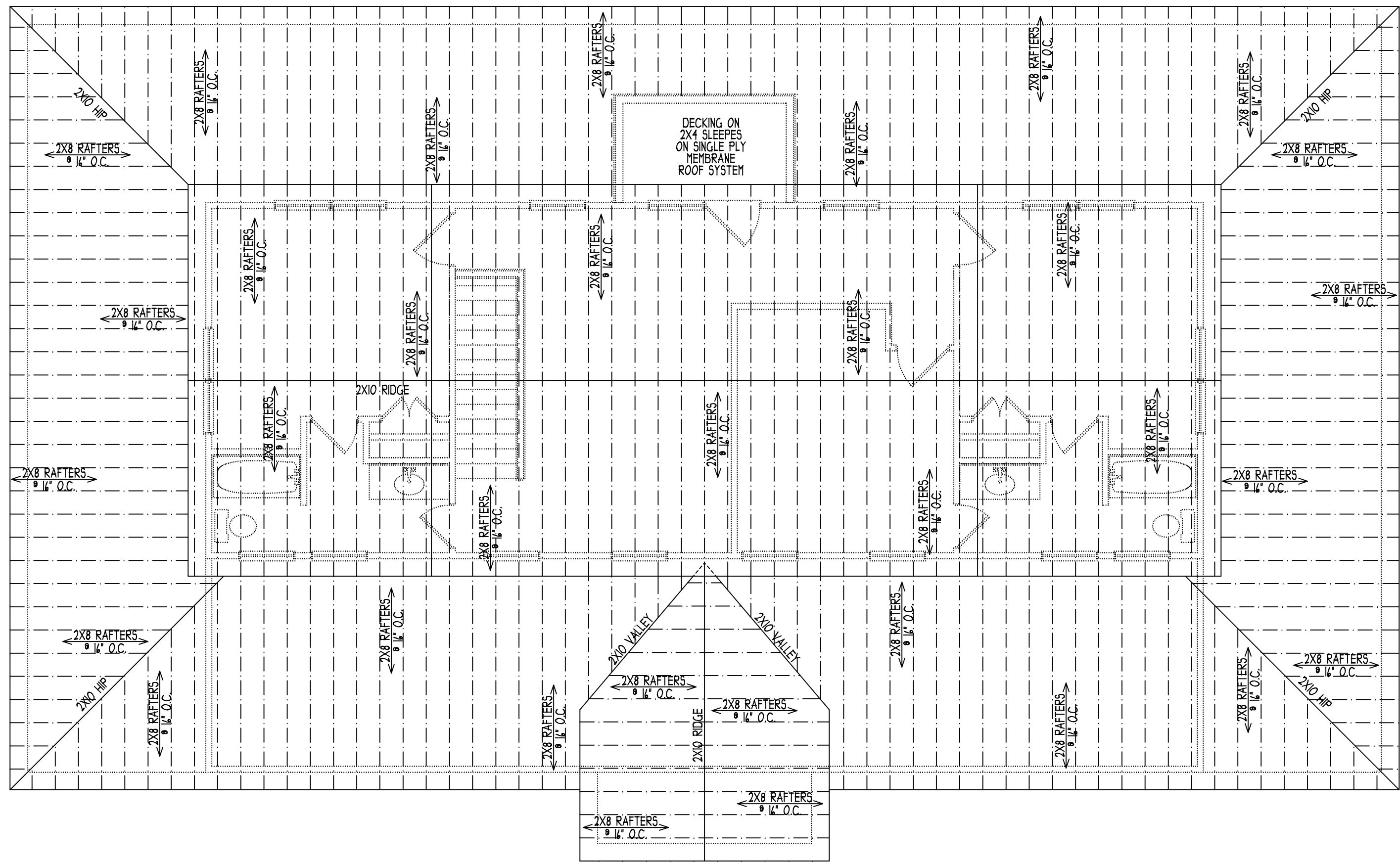
Window Schedule		
	Description	Quantity
A	Mark A-Temp	1
A	Mark A	5
B	Mark B	2
C	Mark C Temp	1
C	Mark C	1
D	Mark D	5
E	Mark E Temp	4
F	Mark F	6
G	Mark G	4



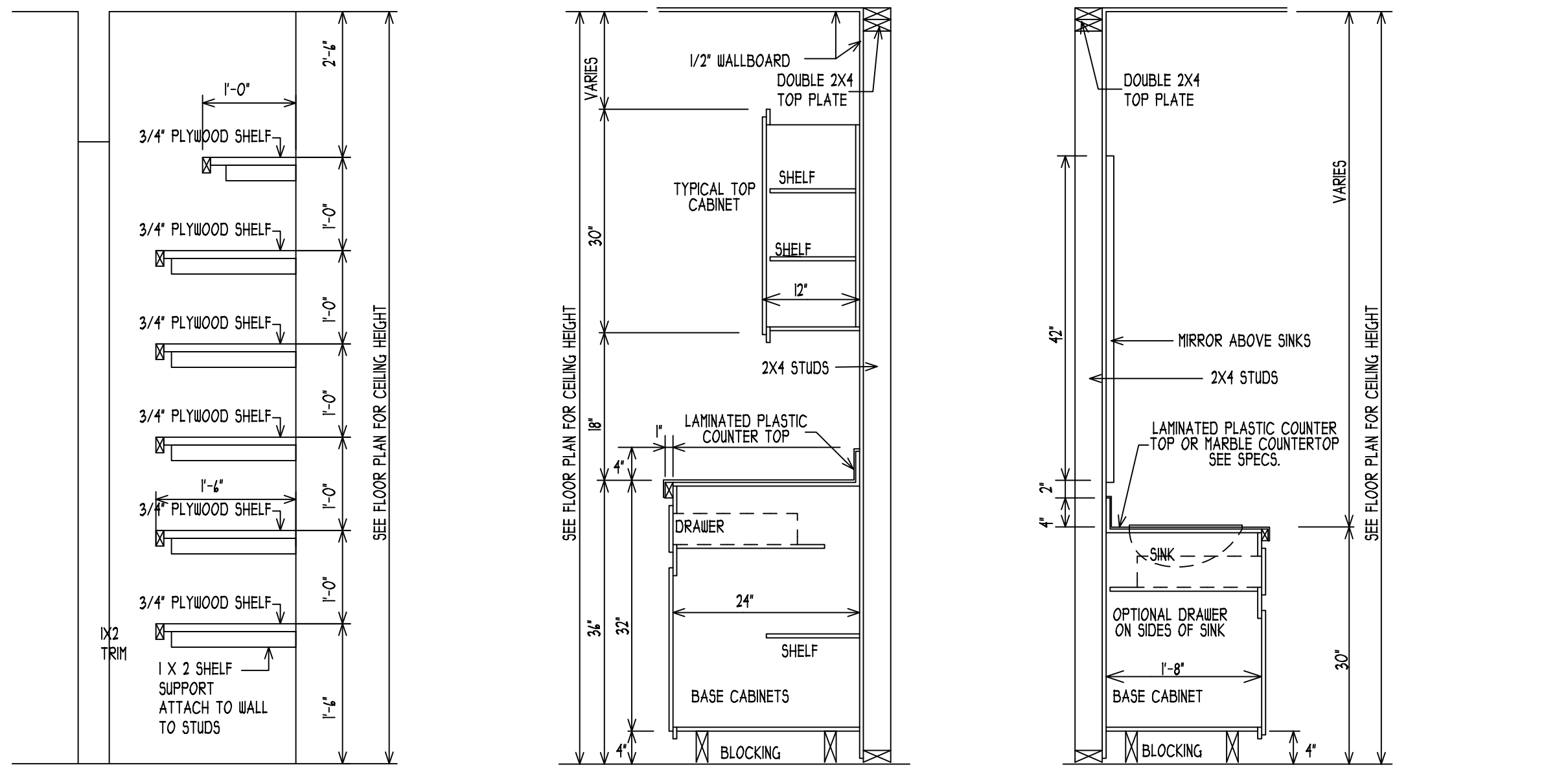
FENTRESS HOME DESIGN RESIDENTIAL PLANS / ADDITIONS virginia beach, virginia OFFICE (757) 438-5053		drawn by: BCF date: 4/21/21 scale: NOTED	PROPOSED TWO STORY BRICK & FRAME SINGLE FAMILY DWELLING prepared for: HOST RESIDENCE	sheet A-2 of 6 Host Residence file no. 21-42121
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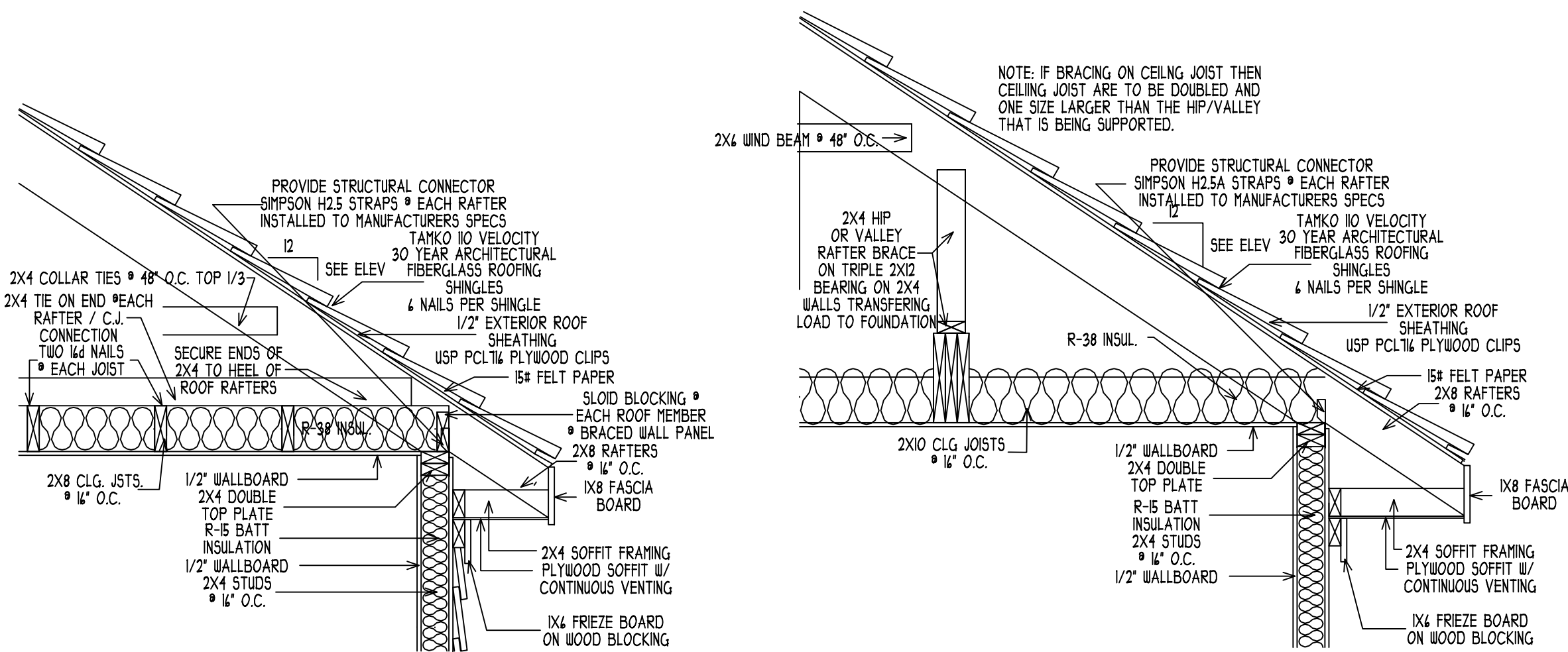
PROPOSED SECOND FLOOR PLAN
scale: 1/4" = 1'-0"



PROPOSED ROOF FRAMING PLAN
scale: 3/16" = 1'-0"

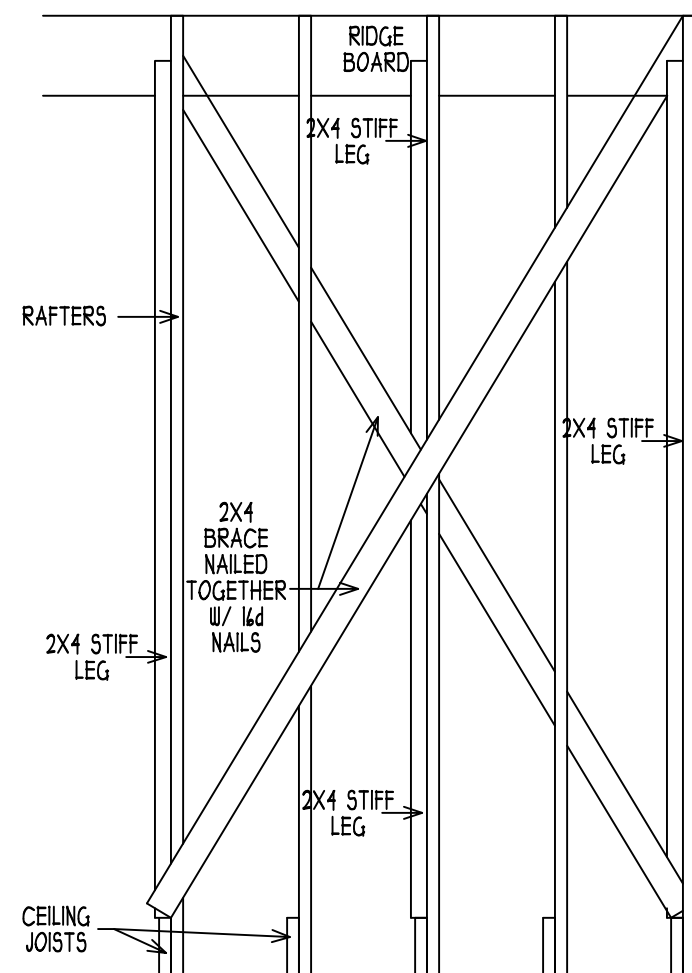


PANTRY CLOSET SECTION scale: 3/4" = 1'-0"
KITCHEN CABINET SECTION scale: 3/4" = 1'-0"
BATH CABINET SECTION scale: 3/4" = 1'-0"



JOIST PERPENDICULAR TO RAFTER DETAIL scale: 3/4" = 1'-0"
HIP AND VALLEY BRACE DETAIL scale: 3/4" = 1'-0"

ATTIC VENTILATION REQUIREMENTS
RIDGE VENT = 12 SQ.IN. PER FOOT
SOFFIT VENT = 9 SQ.IN. PER FOOT
 $\frac{3488}{300} = 11.62$ SQ.FT. OF NET FREE AREA
11.62 SQ.FT. $\div$ 2 X 144 $\div$ 12 = 69.12 LIN. FT. RIDGE VENT
11.62 SQ.FT. $\div$ 2 X 144 $\div$ 9 = 92.9% LIN. FT. SOFFIT VENT



GABLE END BRACING DETAIL
scale: 3/4" = 1'-0"