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Southern Home Designs
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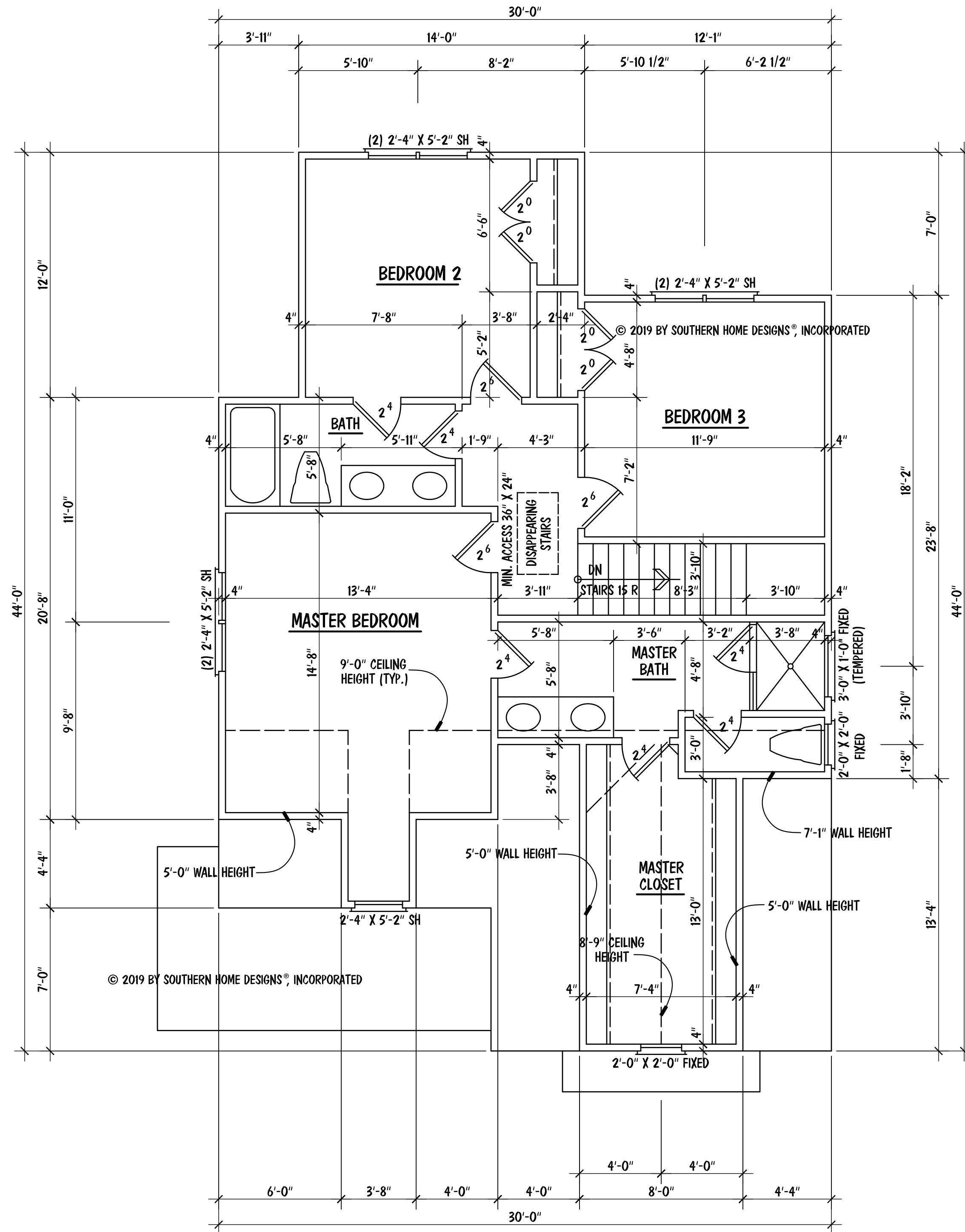
THE
DURHAM

Tobin Construction Company
1021 Collins Drive, Raleigh, NC 27609
Office: 919.622.7057

ENGR. #:
DATE: 01-25-19
SHEET: A-1
PLAN #: 19-012519-R

NOTES:

- 9'-0" CEILING HGT. (TYP.) U.N.O.
- SET WINDOWS @ 7'-4" A.F.F. (TYP.) U.N.O
- SET WINDOW IN MASTER BATH TOILET @ 6'-0" A.F.F.
- SET WINDOW IN MASTER CLOSET @ 5'-0" A.F.F.
- SET WINDOWS IN MASTER SHOWER & DORMER @ 8'-0" A.F.F.
- STAIRS: DN 15 R (TYP.), 2ND FLOOR TO 1ST FLOOR

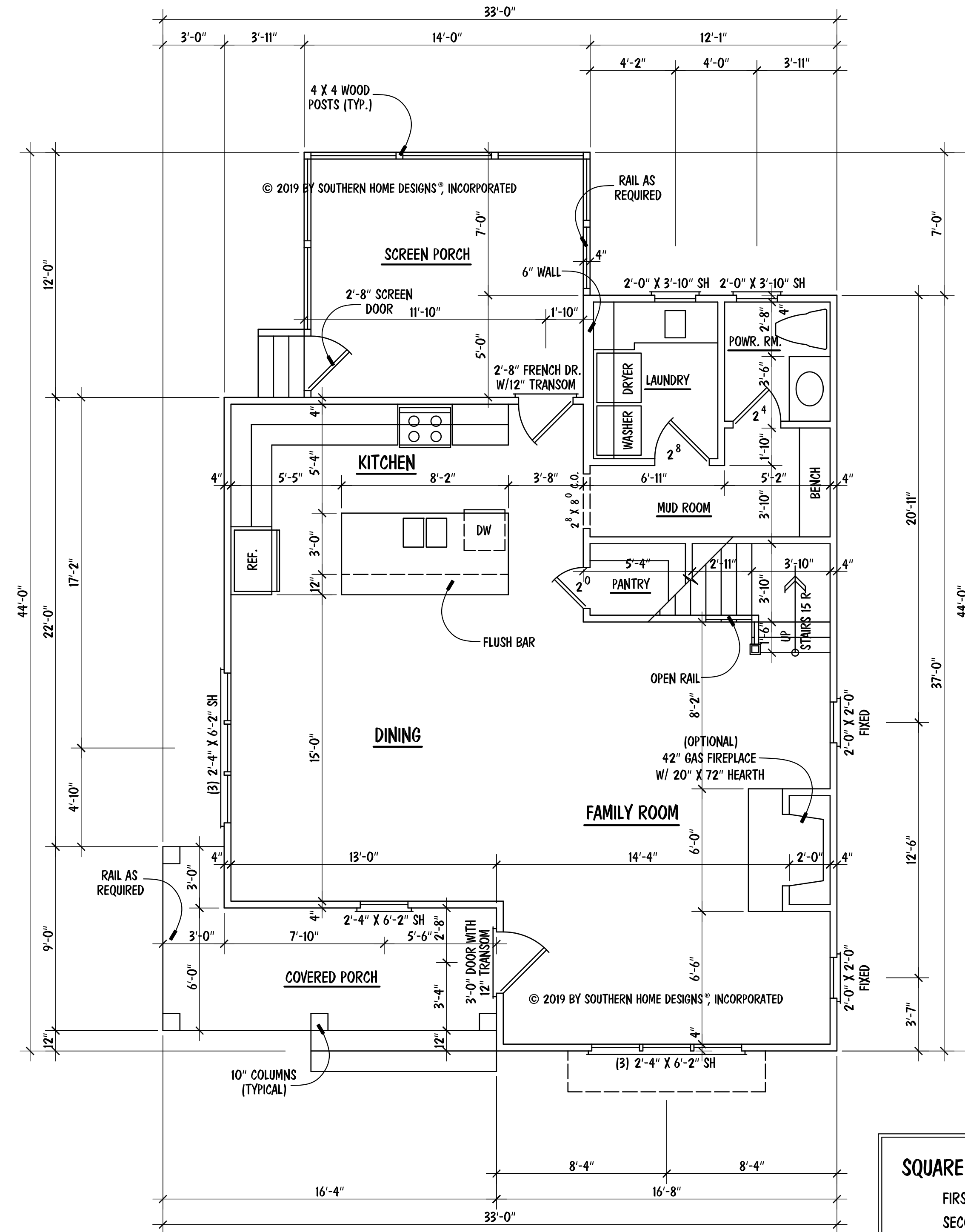


SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"

NOTES:

- 9'-0" CEILING HGT. (TYP.) U.N.O.
- SET WINDOWS @ 7'-10" A.F.F. (TYP.) U.N.O
- SET WINDOWS IN POWR. RM. & LAUNDRY @ 7'-4" A.F.F.
- STAIRS: UP 15 R (TYP.), 1ST FLOOR TO 2ND FLOOR



FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0"

SQUARE FOOTAGE	
FIRST FLOOR	929
SECOND FLOOR	888
TOTAL	1817
MISCELLANEOUS	
FRONT PORCH	107
SCREEN PORCH	166

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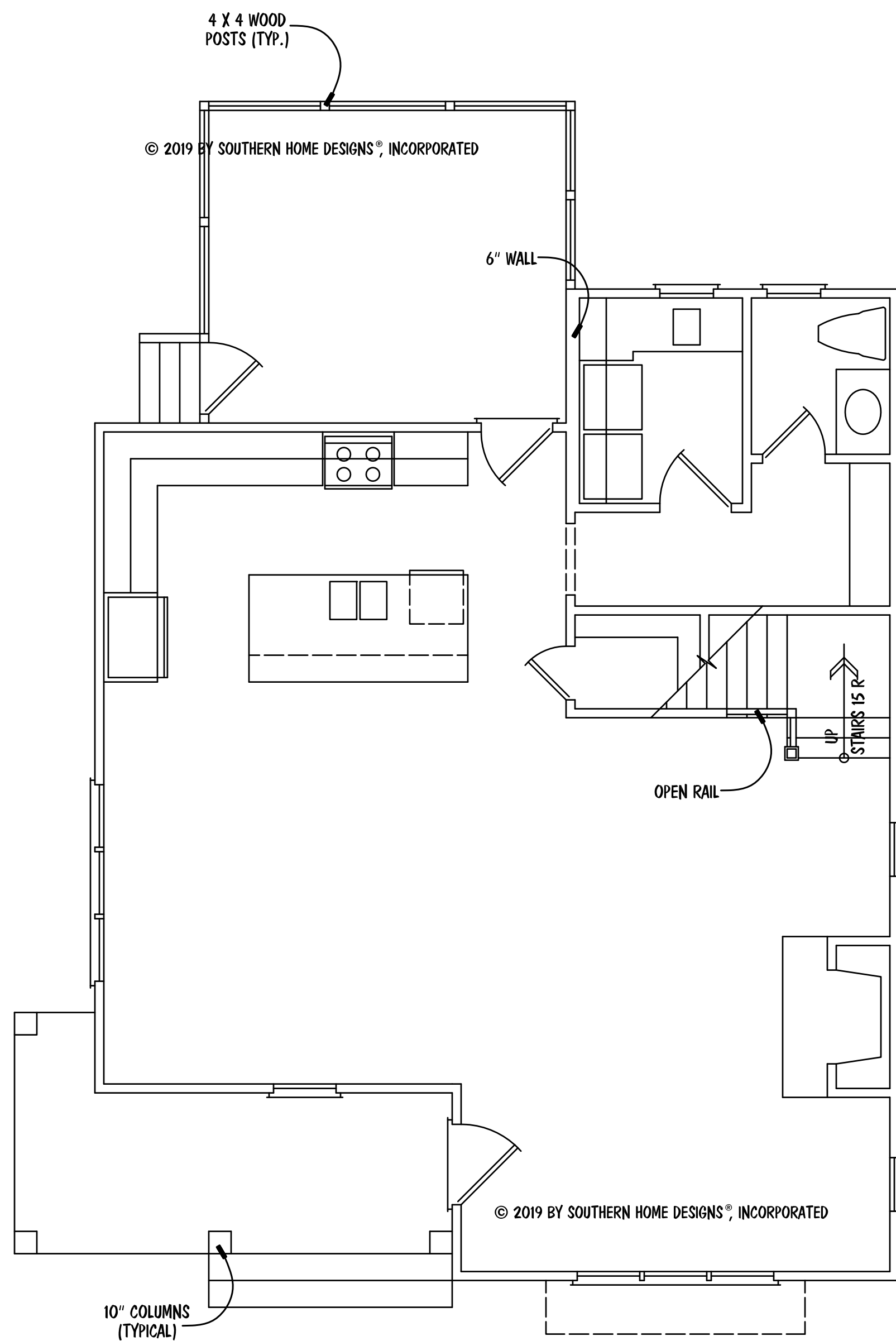
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FIRST FLOOR STR. PLAN

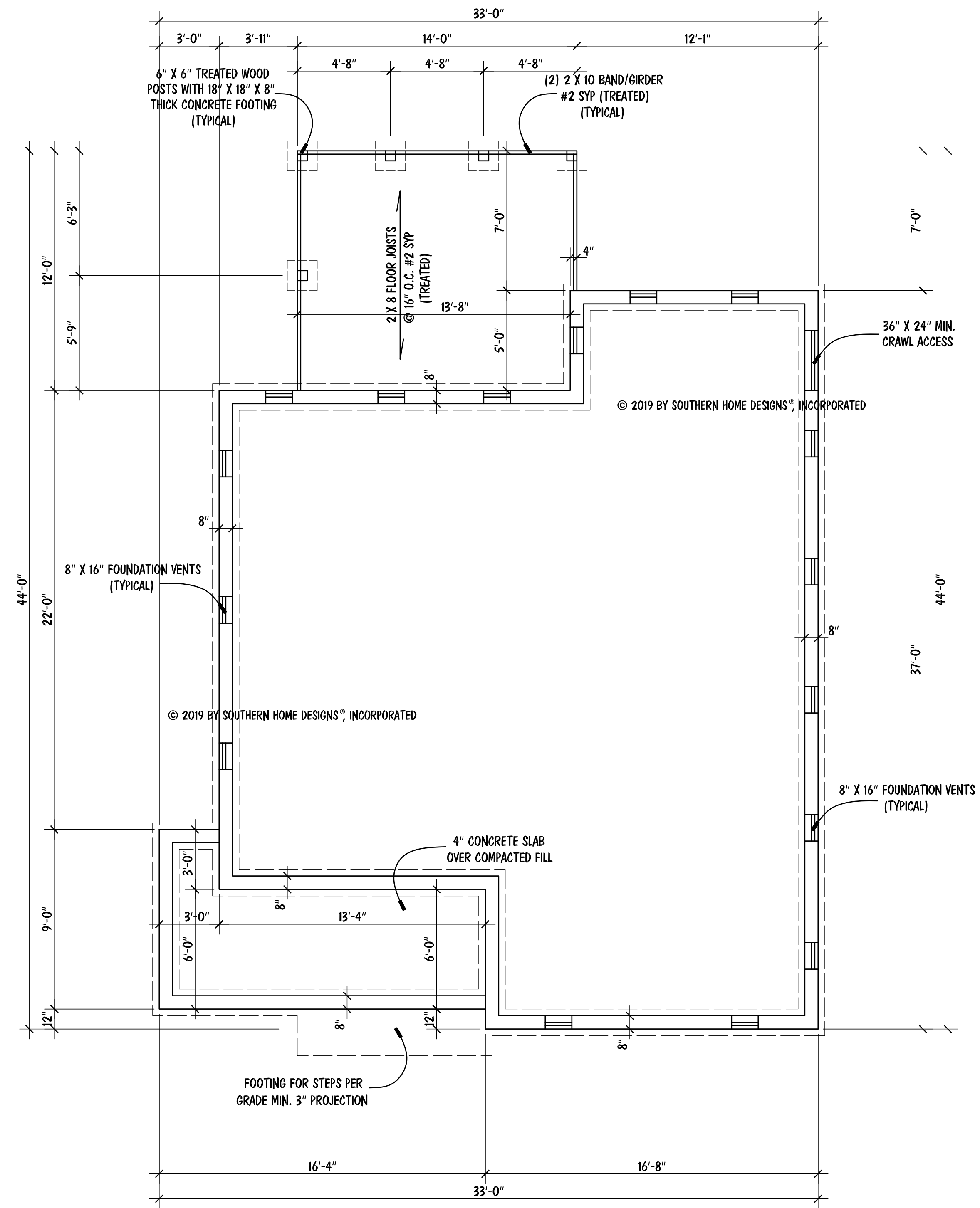
SCALE: 1/4" = 1'-0"

CRAWL SPACE VENTILATION

929 SQ. FT. OF CRAWL AREA / 150 = 6.19 SQ. FT. OF FREE VENT AREA REQUIRED

SEE SECTION R408.1 OF 2018 NCRBC (2015 IRC)

FREE VENT AREA REQUIRED MAY BE REDUCED TO 1/1500 IF APPROVED VAPOR BARRIER IS INSTALLED OVER 100% OF CRAWL FLOOR AREA AND VENTS ARE INSTALLED TO PERMIT CROSS-VENTILATION OF CRAWL SPACE. SEE SECTION R408.1.1.



FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

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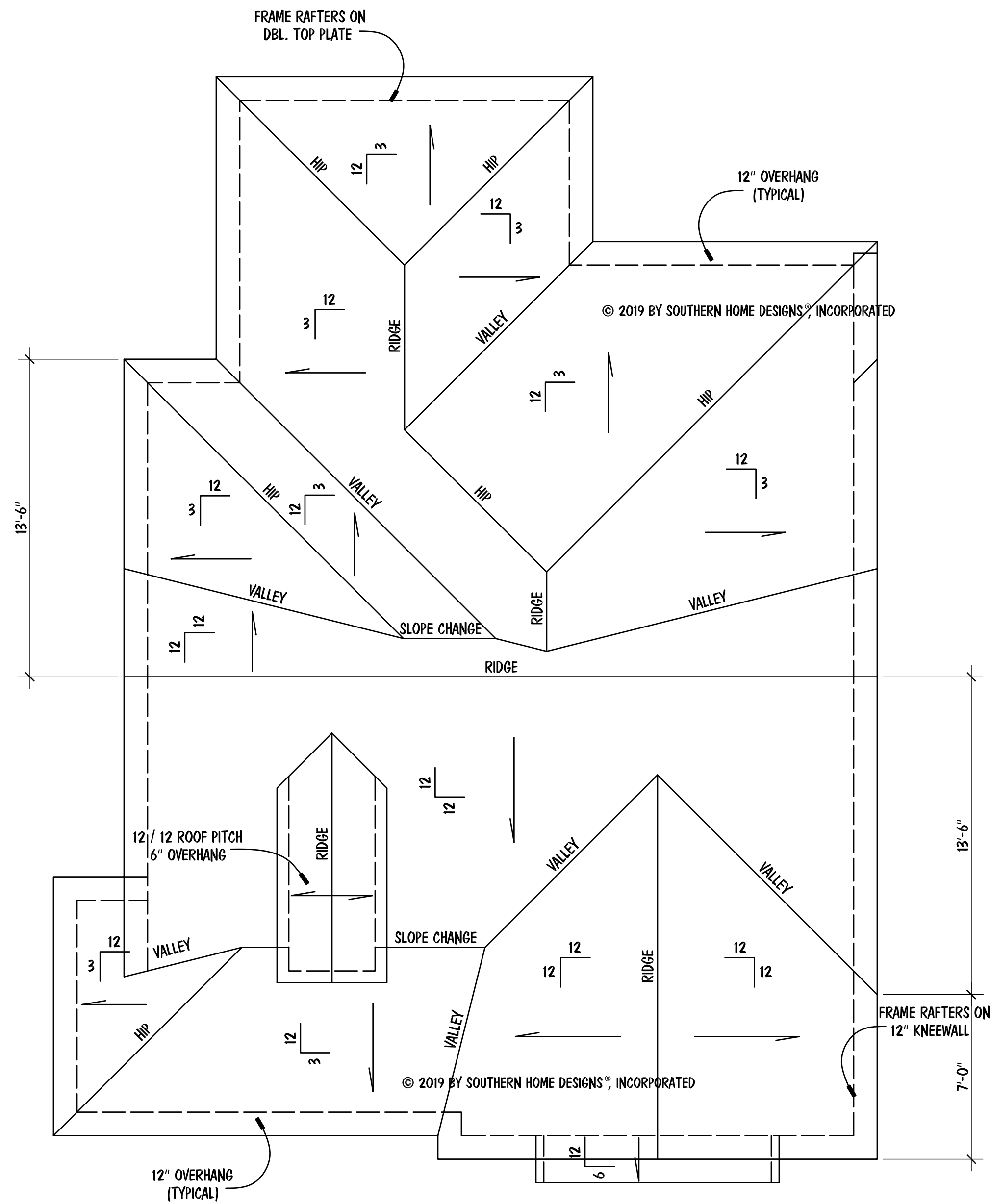
- MEAN ROOF HEIGHT FOR THIS STRUCTURE IS 19'-5"

ATTIC VENTILATION:

$\frac{1202}{300}$ SQUARE FEET = 4.01 REQUIRED

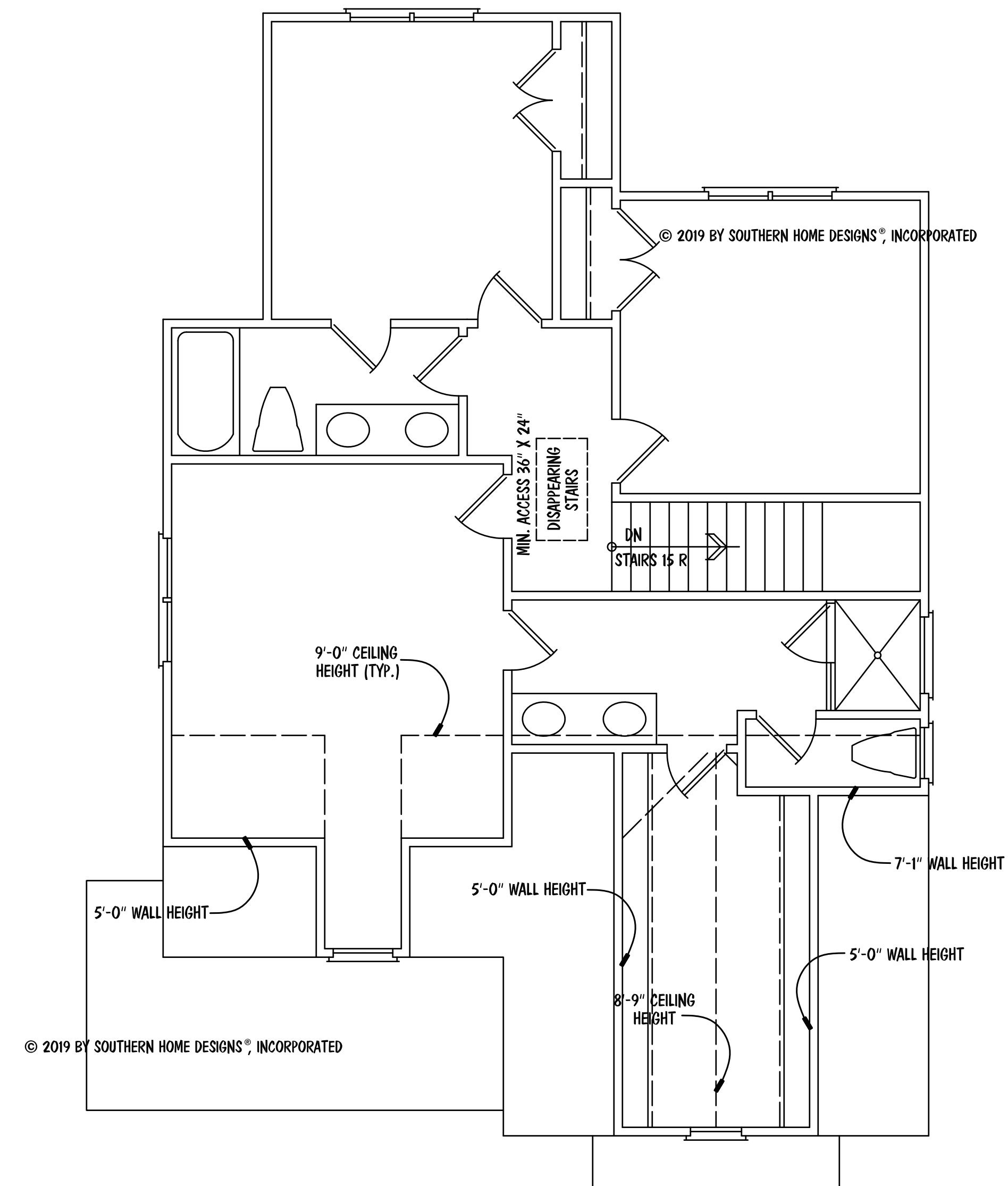
THE NET FREE AREA OF VENTILATION REQUIRED IS TO BE

4.01 SQUARE FEET.



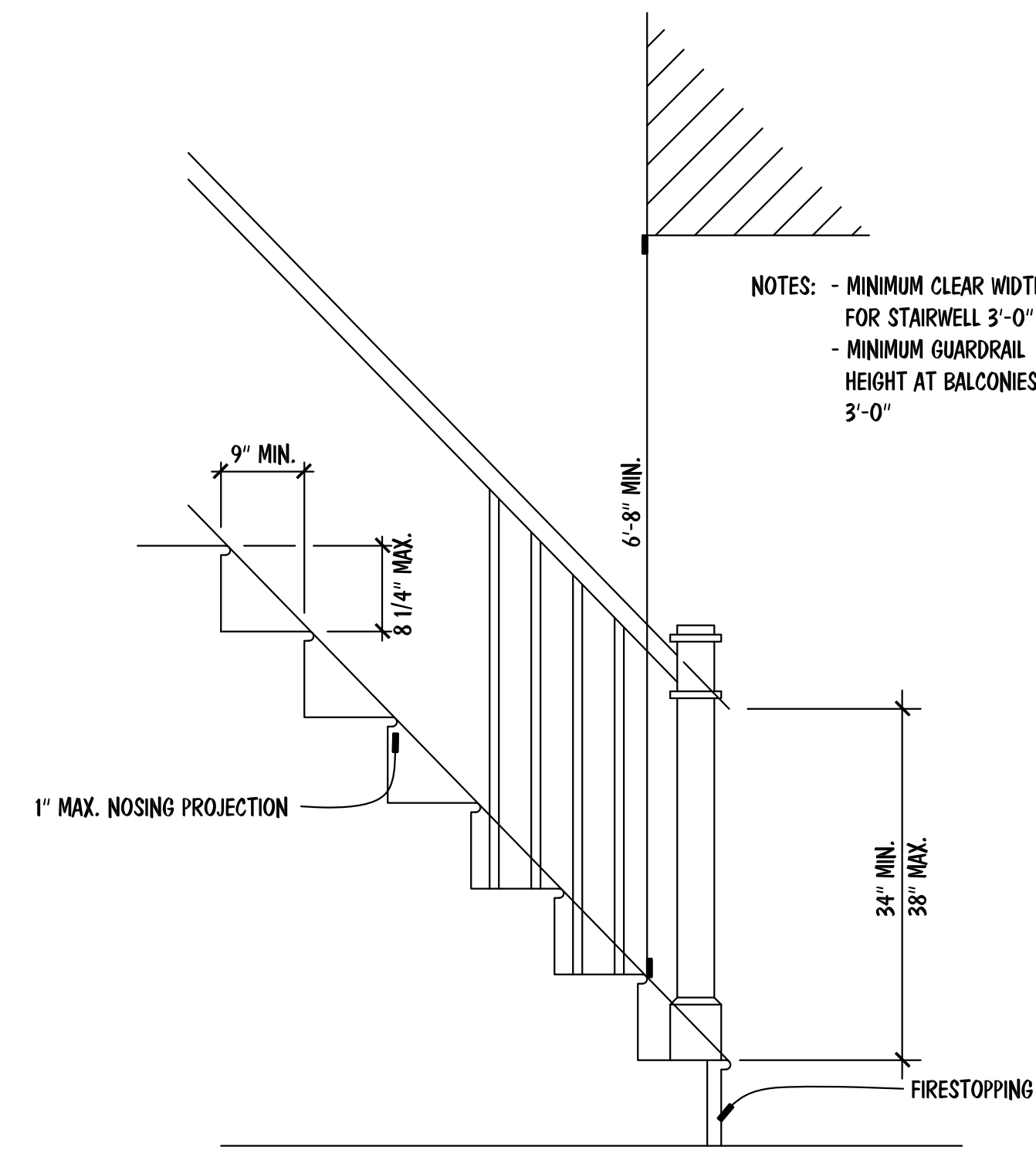
ROOF FRAMING PLAN

SCALE: 1/4" = 1'-0"



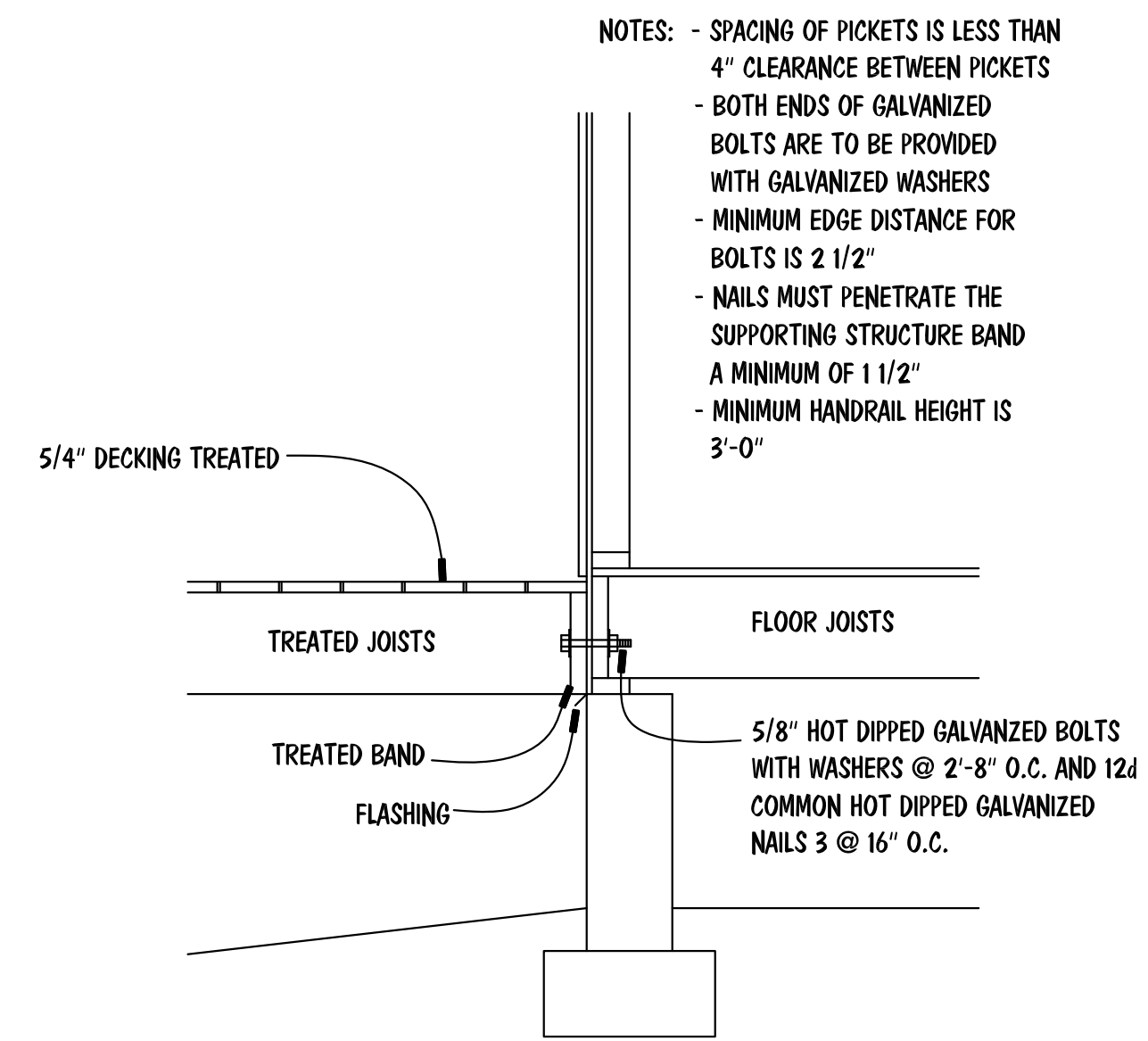
SECOND FLOOR STR. PLAN

SCALE: 1/4" = 1'-0"



STAIR DETAIL

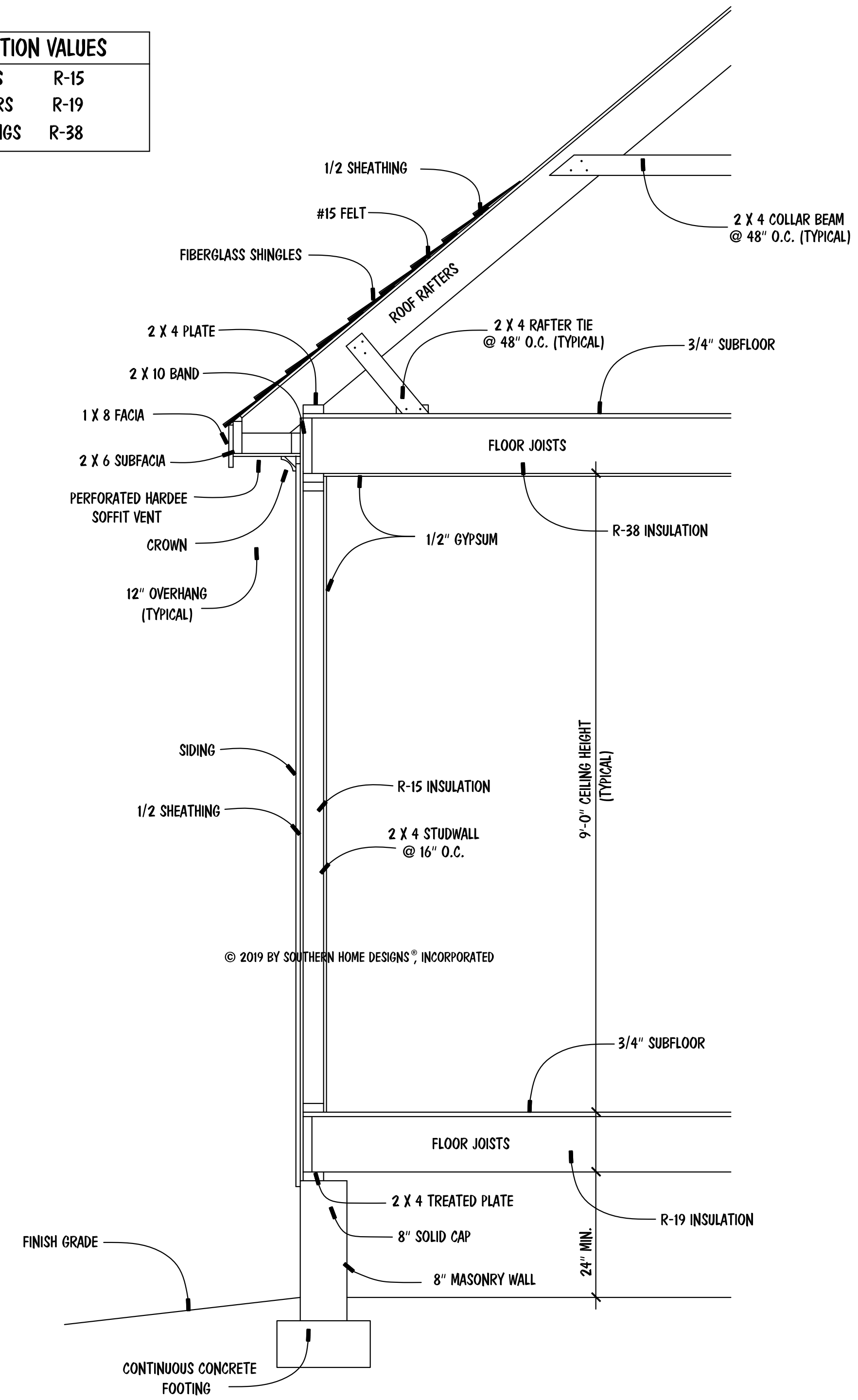
N.T.S.



DECK ATTACHMENT DETAIL

3/4" = 1'-0"

INSULATION VALUES	
WALLS	R-15
FLOORS	R-19
CEILINGS	R-38



TYPICAL SECTION

3/4" = 1'-0"

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STR. DETAIL PLAN