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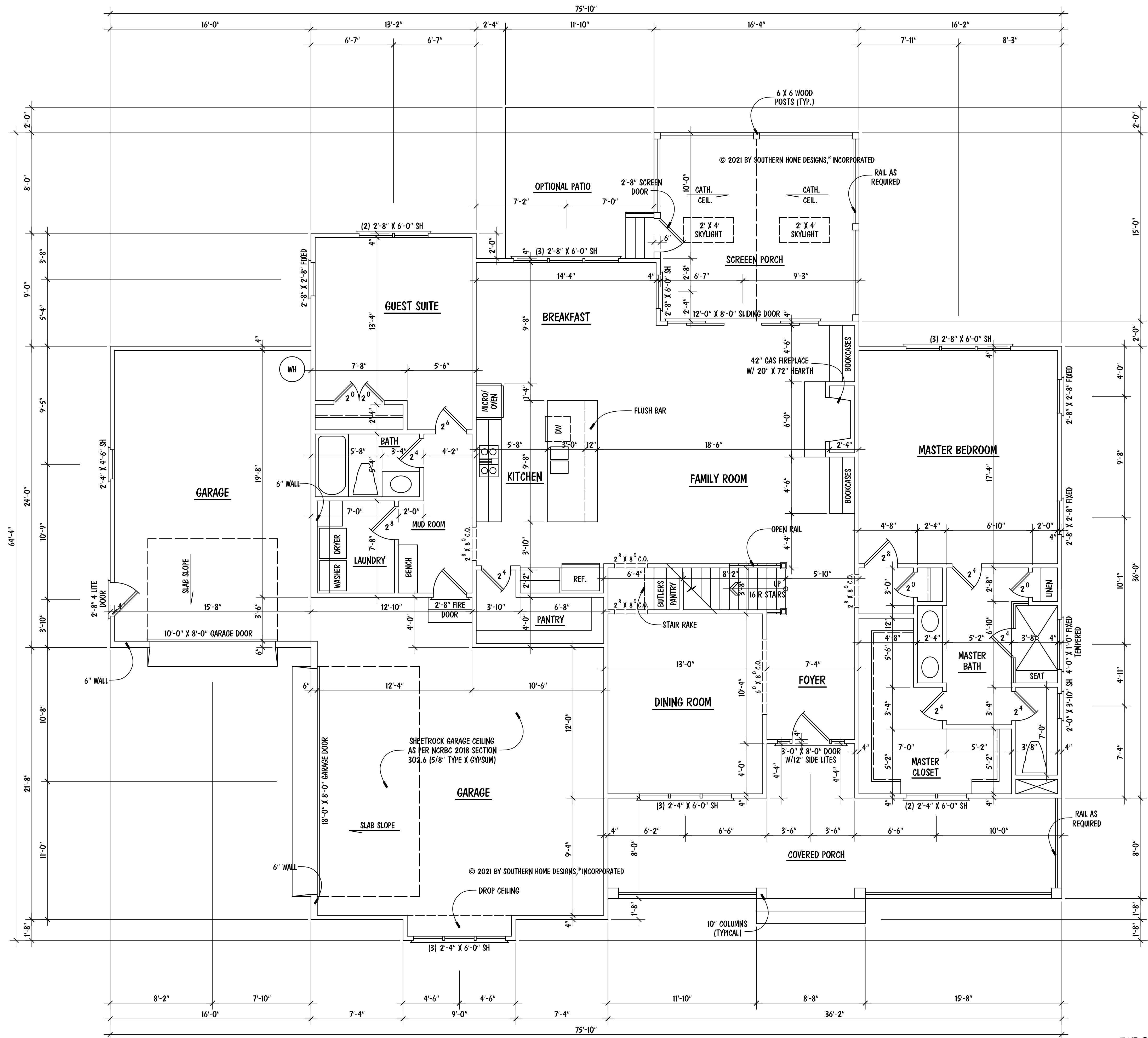
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Southern Home Designs
INCORPORATED
301 South Salem Street, Suite 101, Apex, NC 27502
919.380.7400 Office 919.380.7464 Fax
Web: shdplans.com Email: shd@ncrr.com

THE
FALLKNER
RESIDENCE

Glenwood Builders, LLC
1757 Oakridge Duncann Road, Fuquay-Varina, NC 27526
Office: 919.868.4202

ENGR. #:
DATE: 02-25-21
SHEET: A-1
PLAN #: 21-022521



- NOTES:**
- 9'-0" CEILING HGT. (TYP.) U.N.O.
 - SET WINDOWS @ 8'-0" A.F.F. (TYP.) U.N.O.
 - SET WINDOW IN MASTER BATH TOILET @ 7'-4" A.F.F.
 - STAIRS: UP 16 R (TYP.), 1ST FLOOR TO 2ND FLOOR

SQUARE FOOTAGE	
FIRST FLOOR	2045
SECOND FLOOR	1427
TOTAL	3472
MISCELLANEOUS	
GARAGE	959
FRONT PORCH	320
SCREEN PORCH	243
OPTIONAL PATIO	142
MECH. / STOR.	531

FIRST FLOOR PLAN

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

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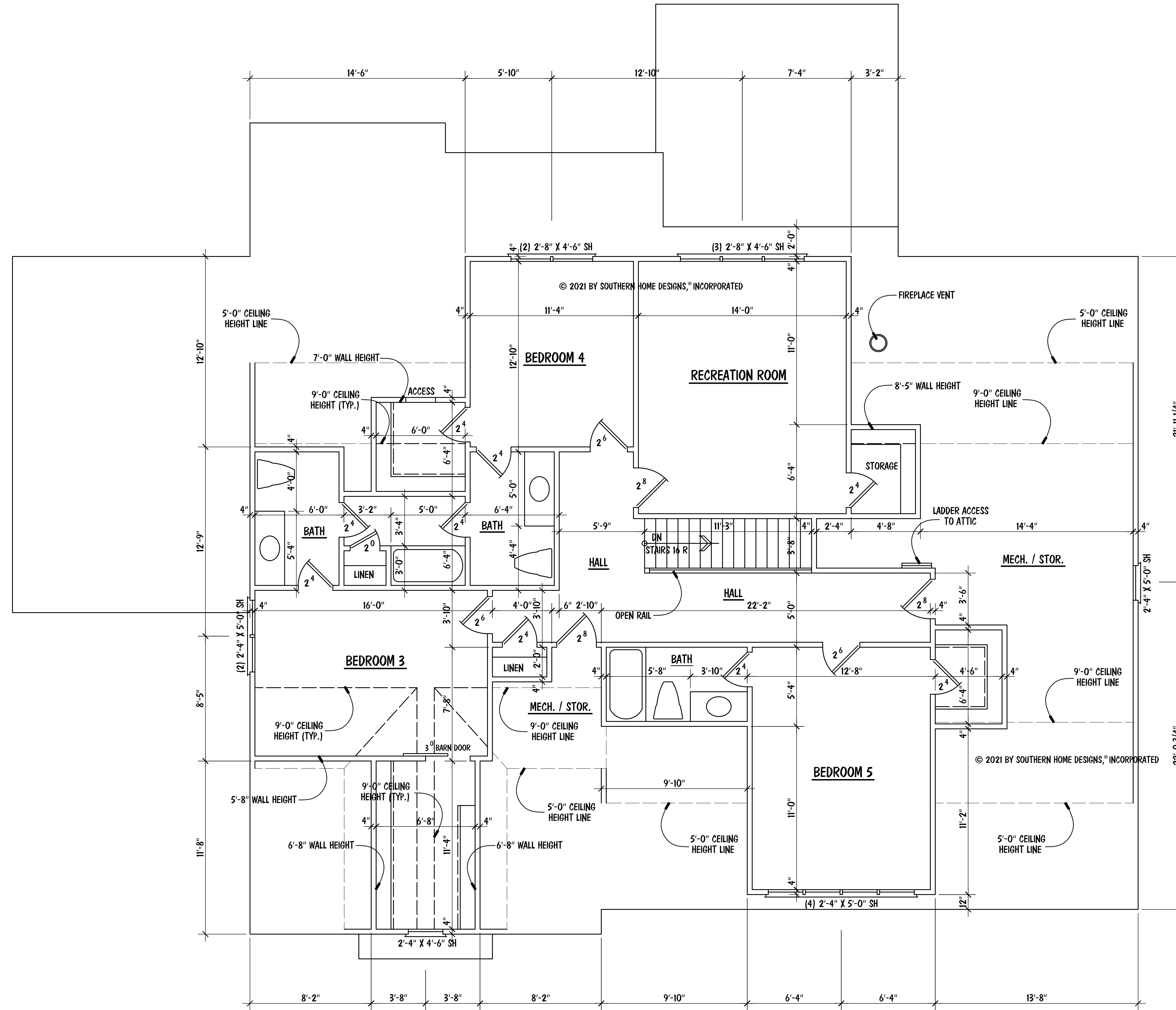
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ENGR. #:
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 SHEET: A-2
 PLAN #: 21-022521



- NOTES:**
- 9'-0" CEILING HGT. (TYP.) U.N.O.
 - SET WINDOWS @ 7'-4" A.F.F. (TYP.) U.N.O
 - SET FRONT WINDOW IN BEDROOM 3 @ 6'-4" A.F.F.
 - STAIRS: DN 16 R (TYP.), 2ND FLOOR TO 1ST FLOOR

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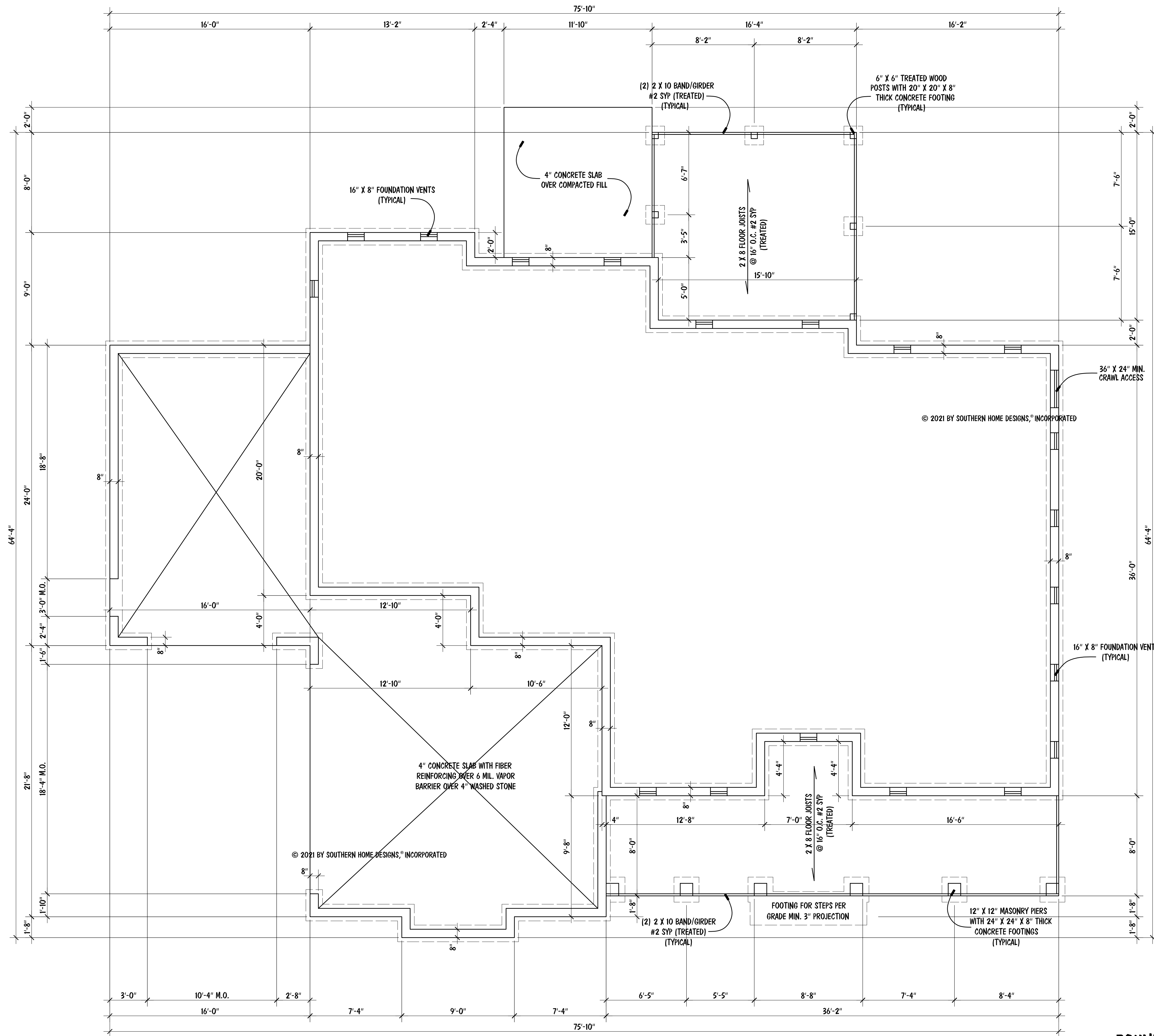
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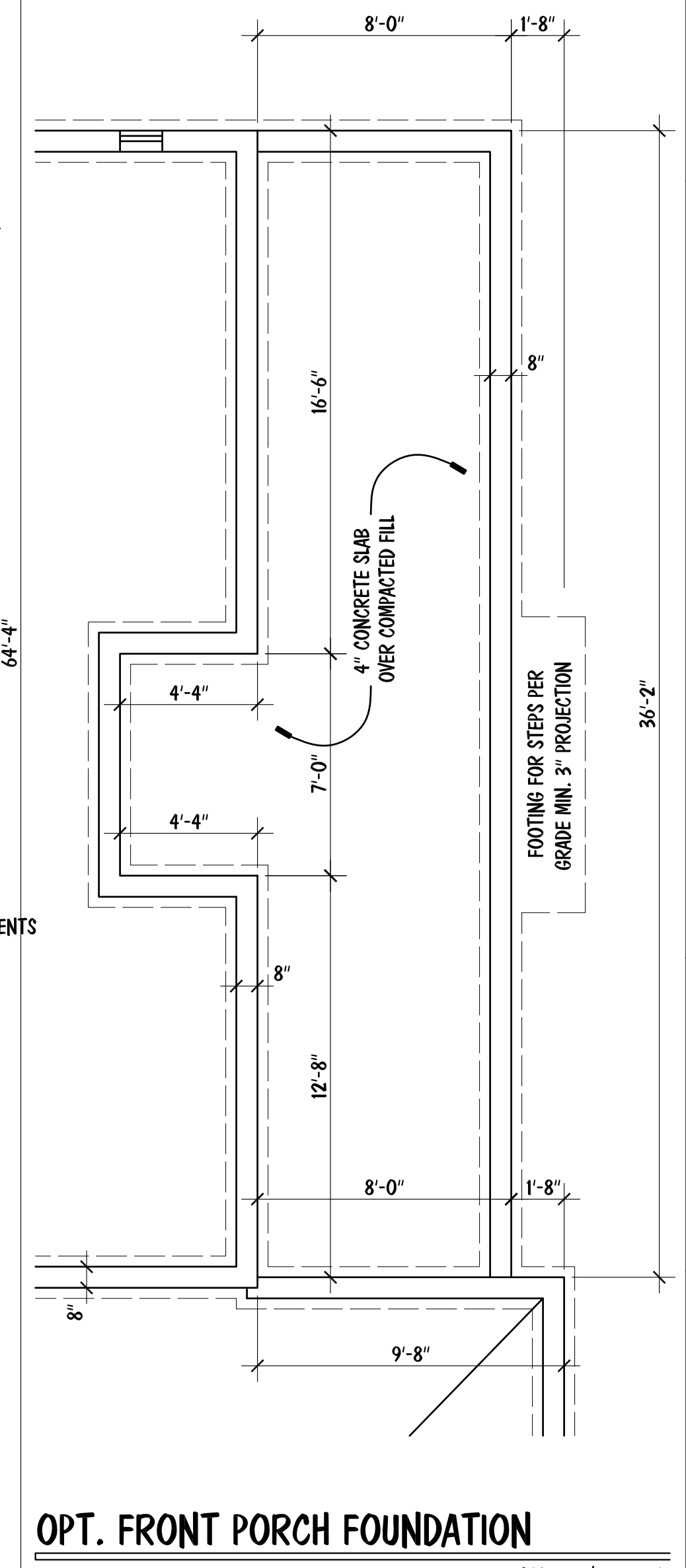
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SECOND FLOOR PLAN

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



CRAWL SPACE VENTILATION
 2045 SQ. FT. OF CRAWL AREA / 150 = 13.63 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

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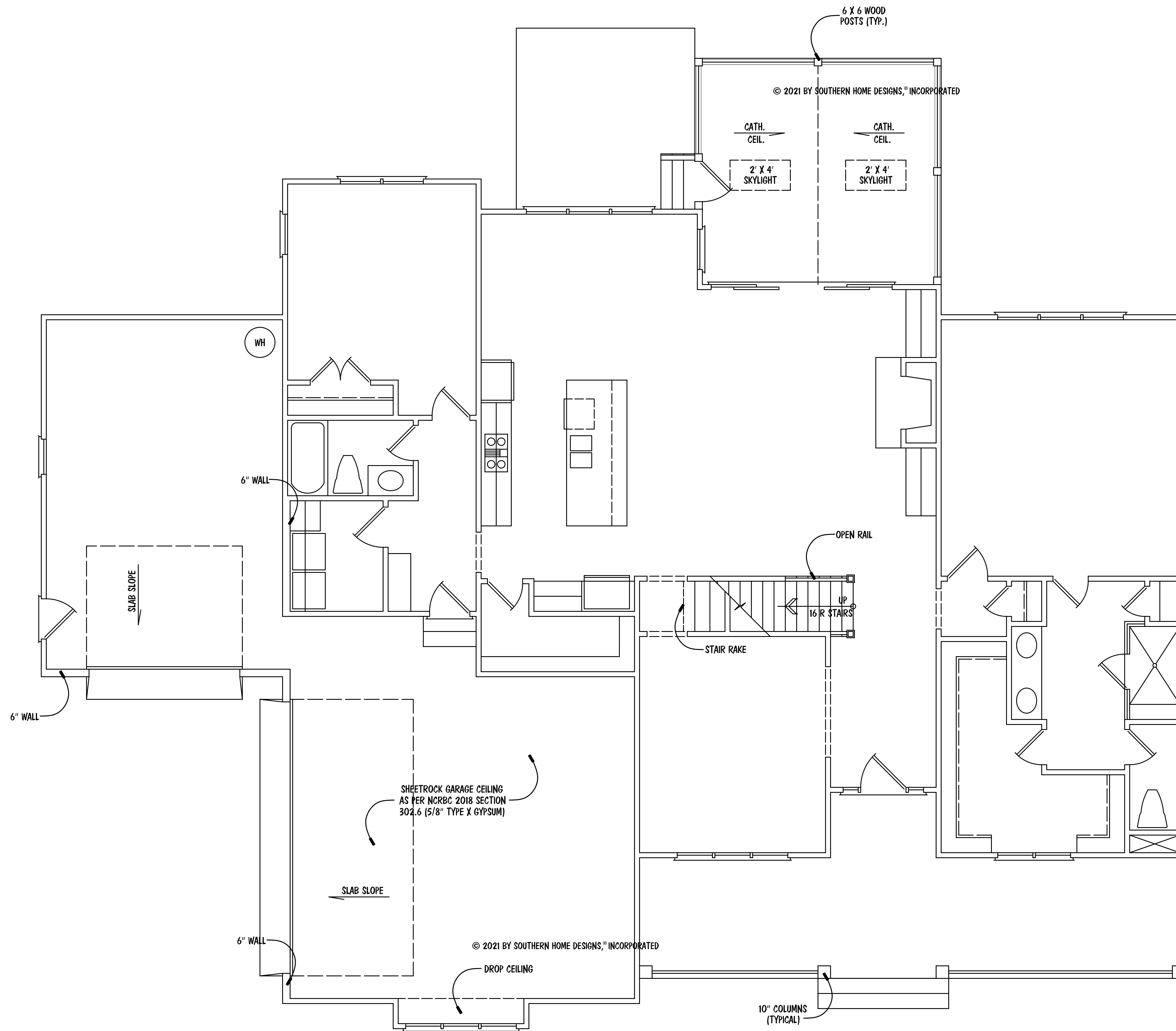
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FIRST FLOOR STR. PLAN

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

ENGR. #:	
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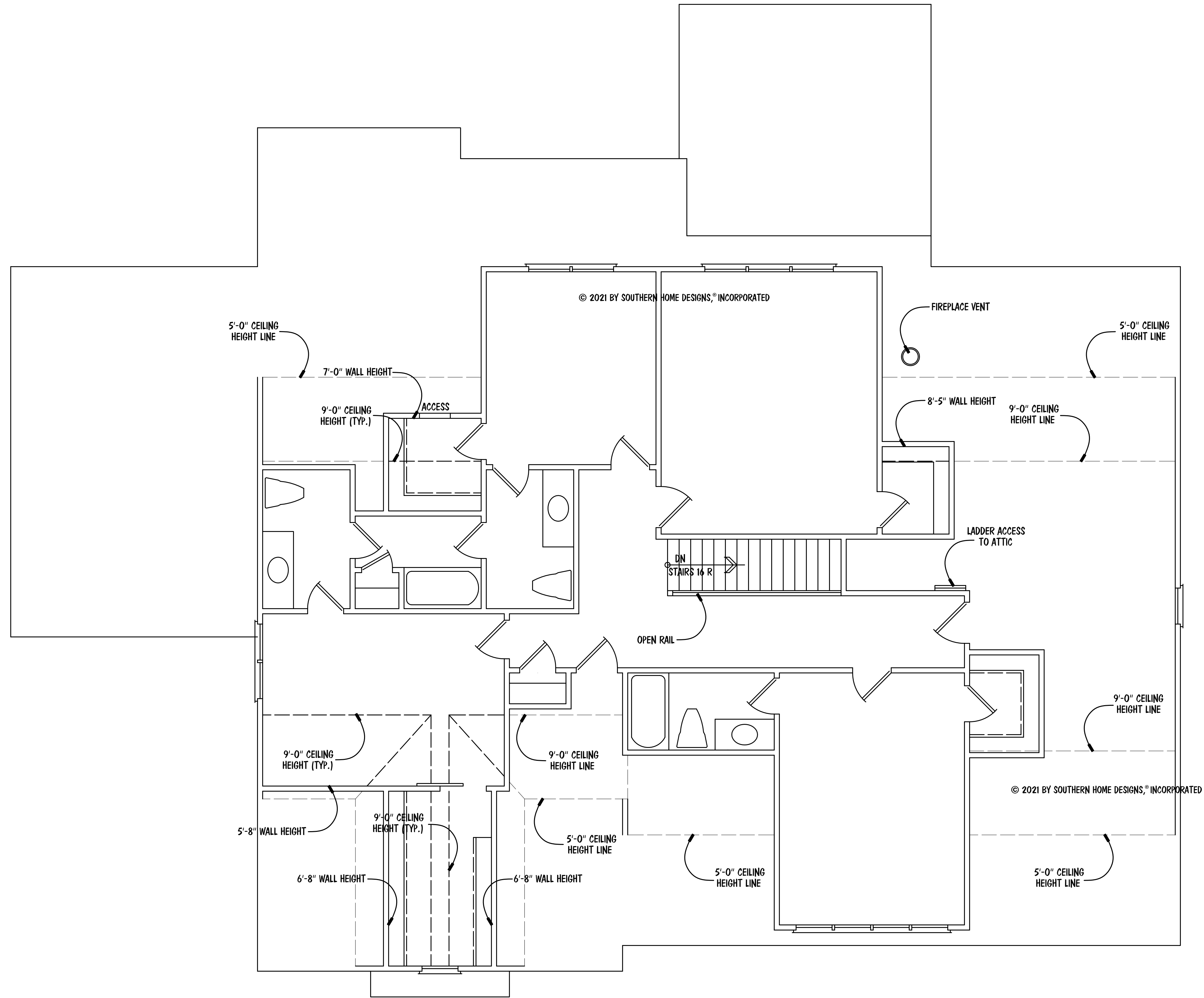
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SECOND FLOOR STR. PLAN

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

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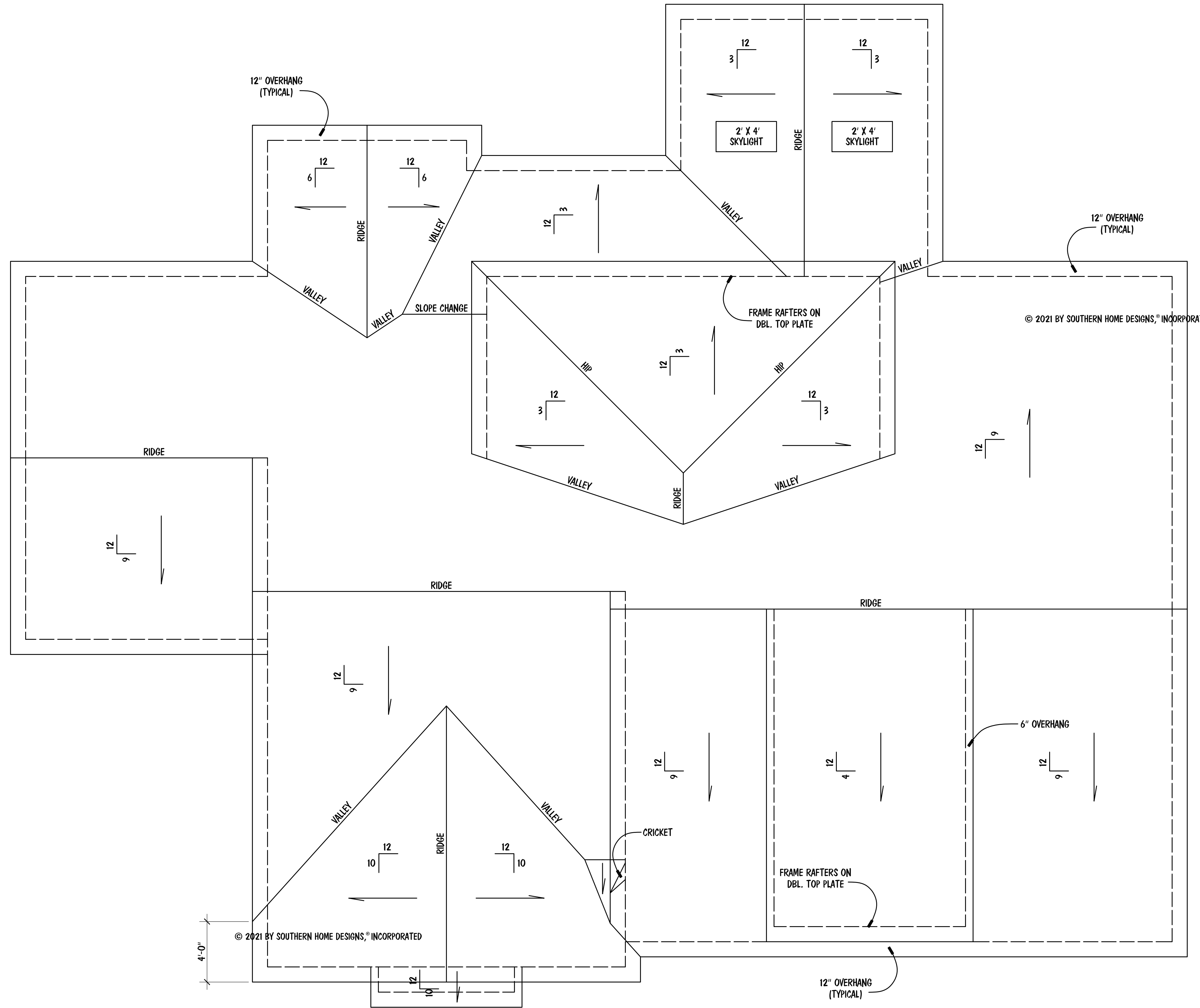
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NOTES:

- MEAN ROOF HEIGHT FOR THIS STRUCTURE IS 20'-8"

ATTIC VENTILATION:

$\frac{3567}{300}$ SQUARE FEET = $\frac{11.89}{300}$ REQUIRED

THE NET FREE AREA OF VENTILATION REQUIRED IS TO BE

$\frac{11.89}{300}$ SQUARE FEET.

ROOF FRAMING PLAN

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

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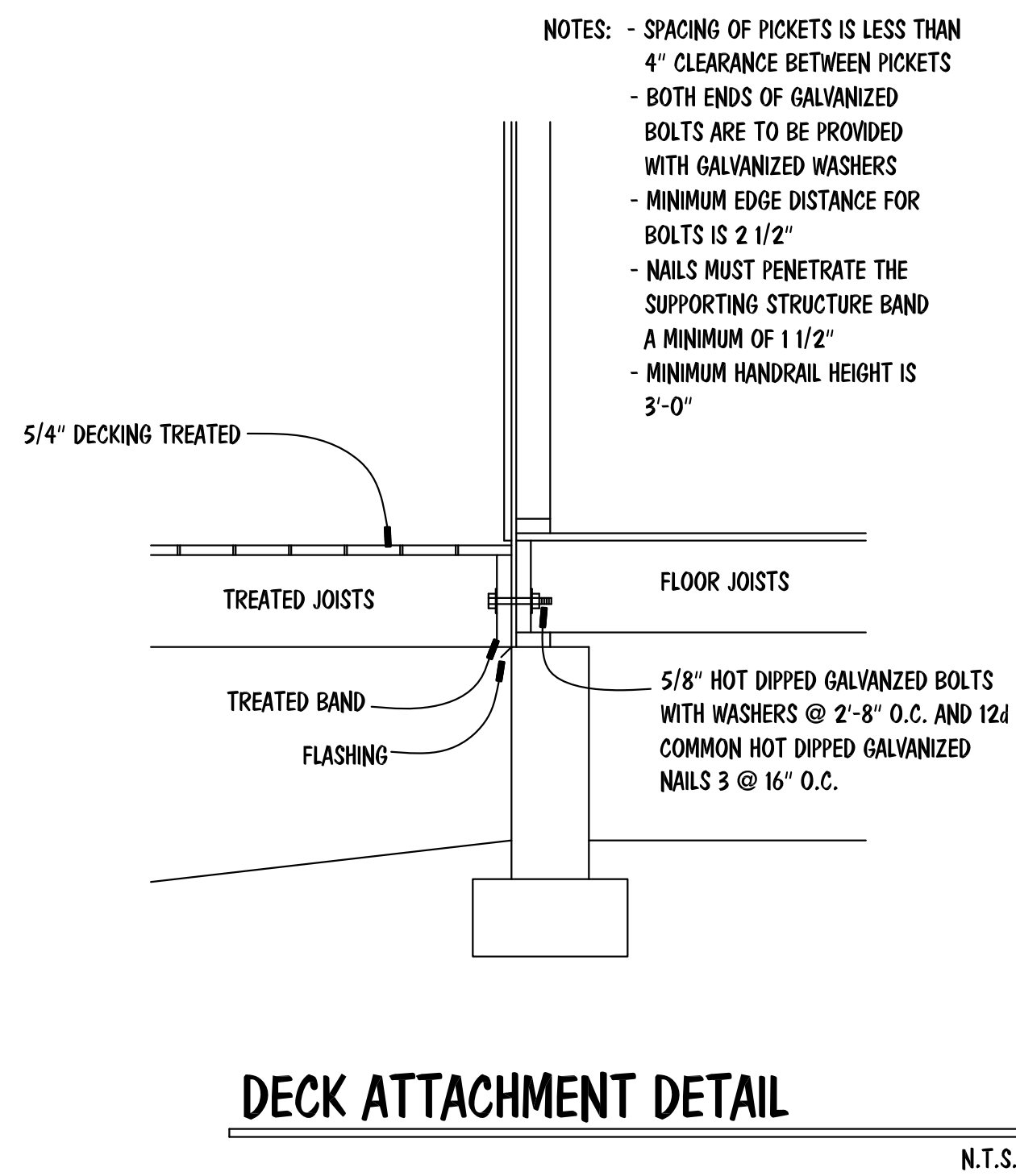
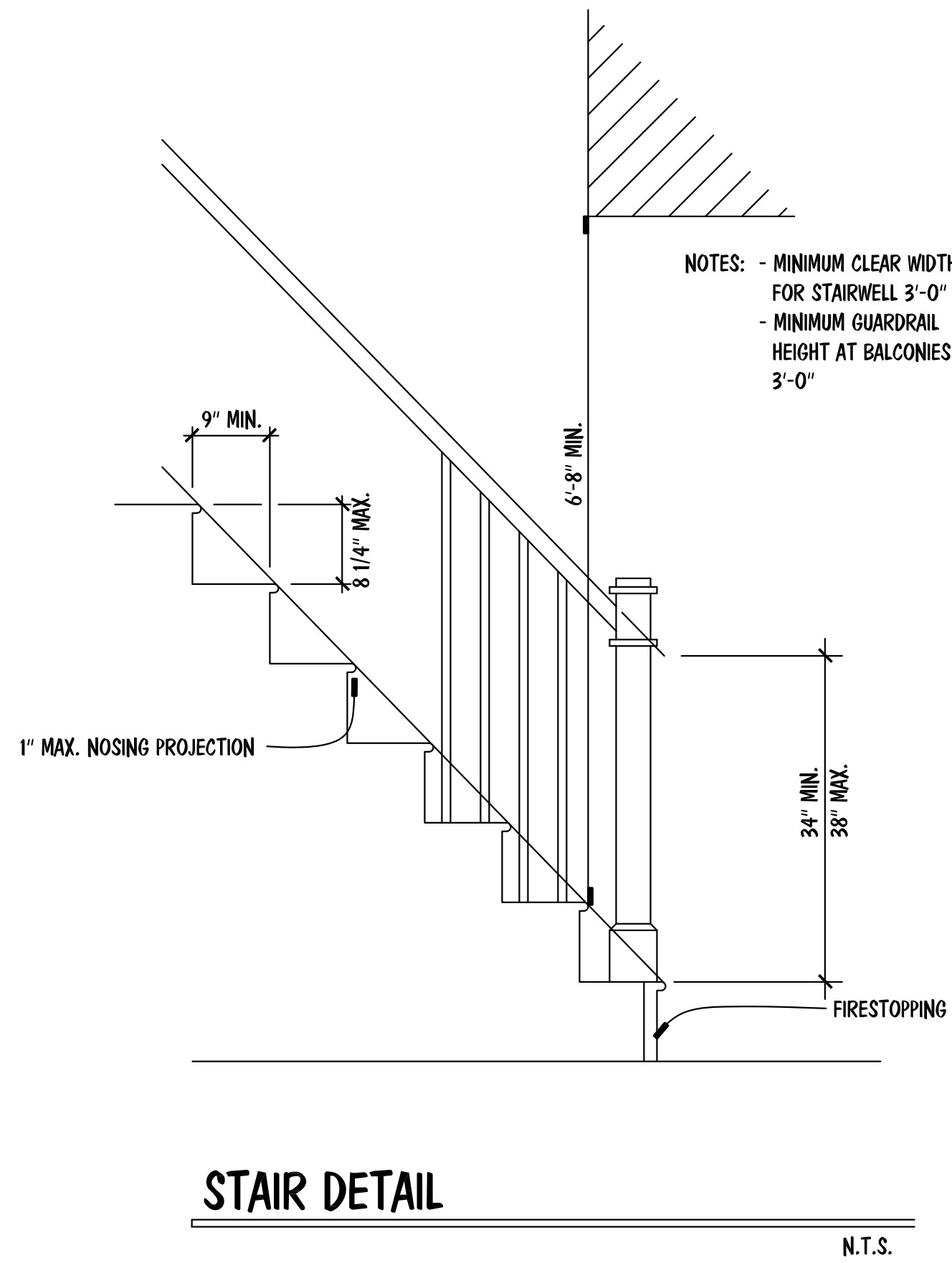
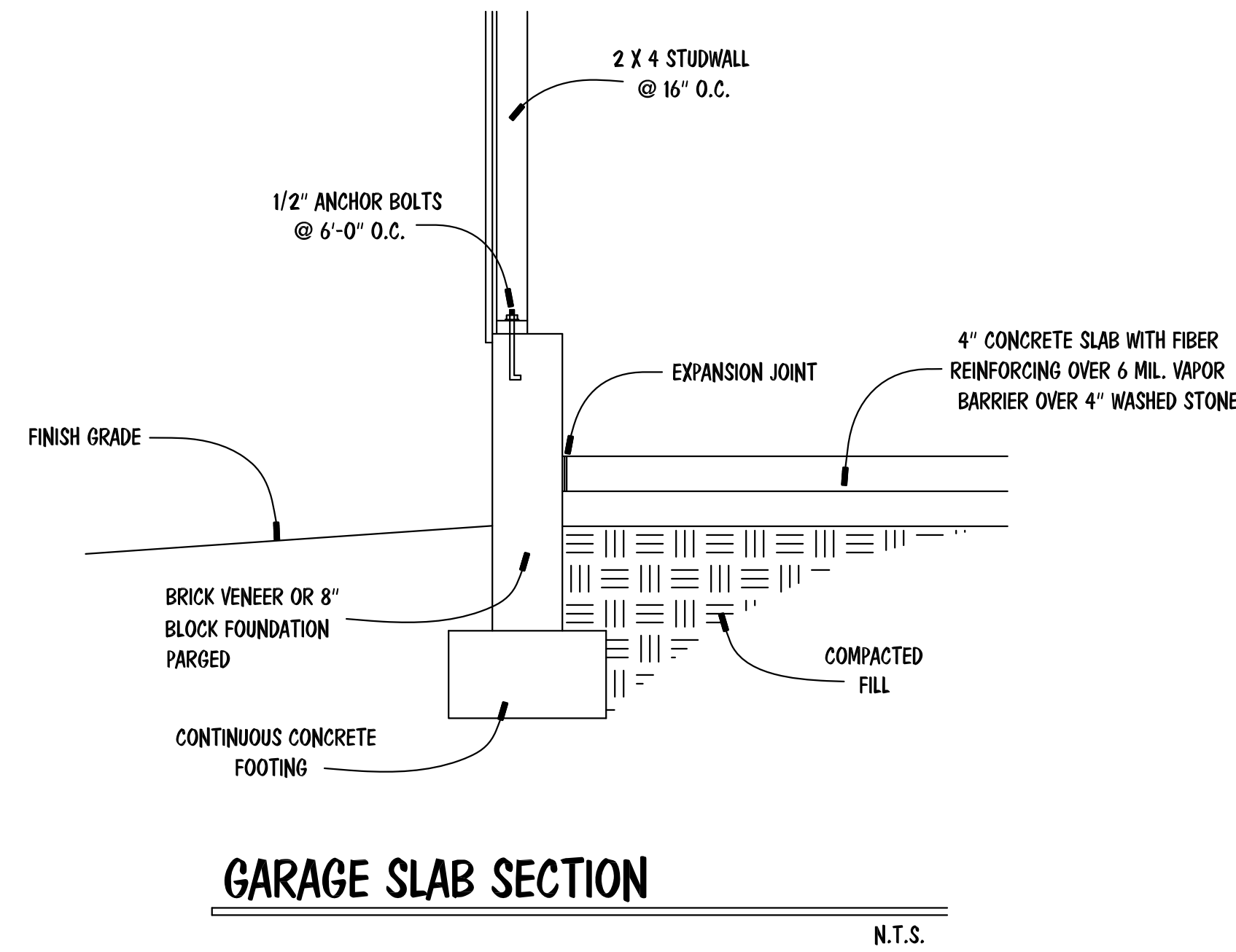
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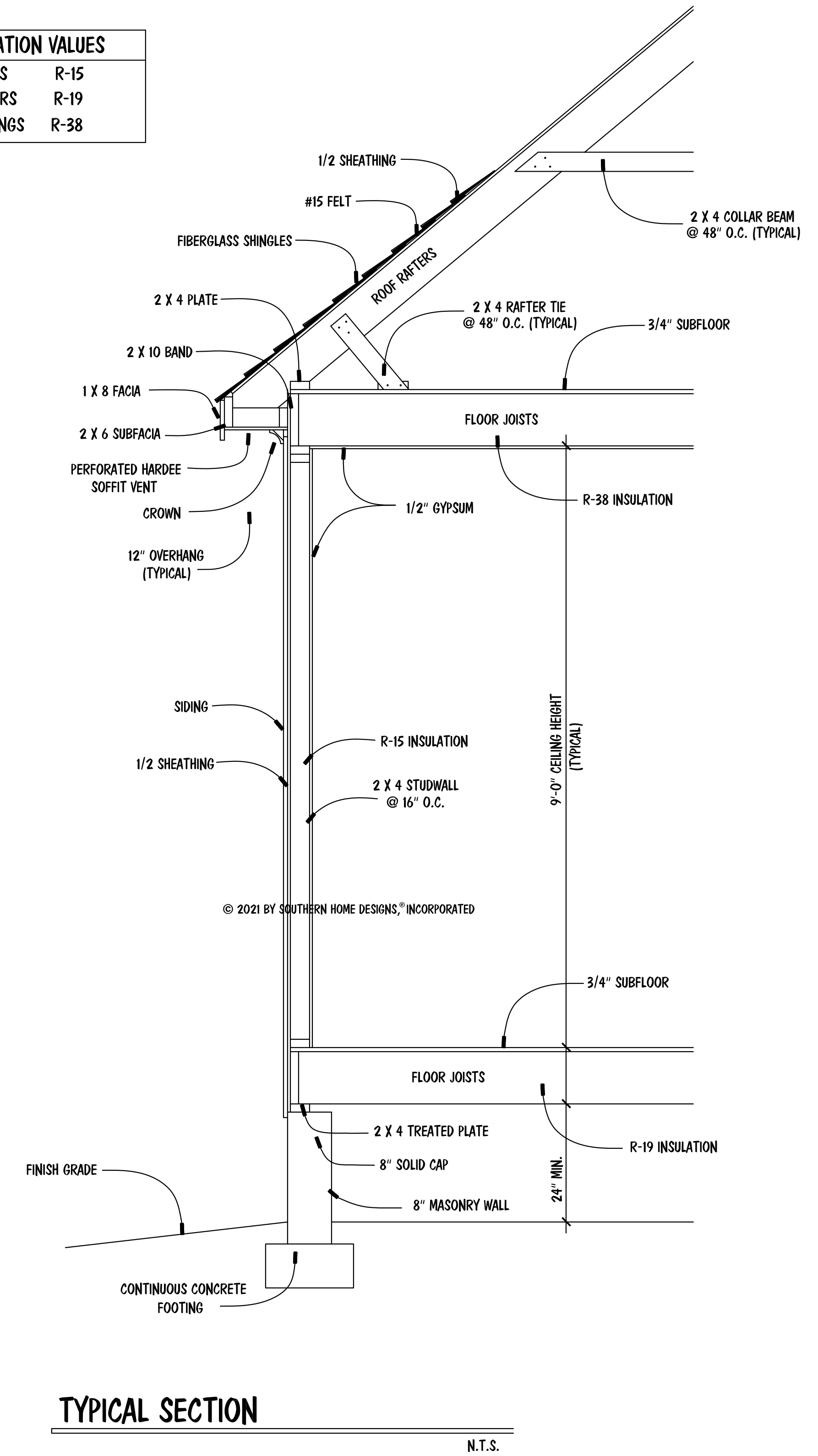
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INSULATION VALUES	
WALLS	R-15
FLOORS	R-19
CEILINGS	R-38



STR. DETAIL PLAN