

PLANS DESIGNED TO THE 2018 NORTH CAROLINA RESIDENTIAL CODE
HOUSE DESIGNED FOR 115 MPH 3 SECOND GUST (89 FASTEST MILE), EXPOSURE B
ANCHOR BOLTS TO BE NO MORE THAN 6' O.C. AND WITHIN 12" OF ALL PLATES SPLICES
ANCHOR BOLTS SHALL BE MIN. 1/2" DIAMETER & SHALL EXTEND A MINIMUM 7" INTO MASONRY OR CONCRETE
MEAN ROOF HEIGHT = < 30'-0"

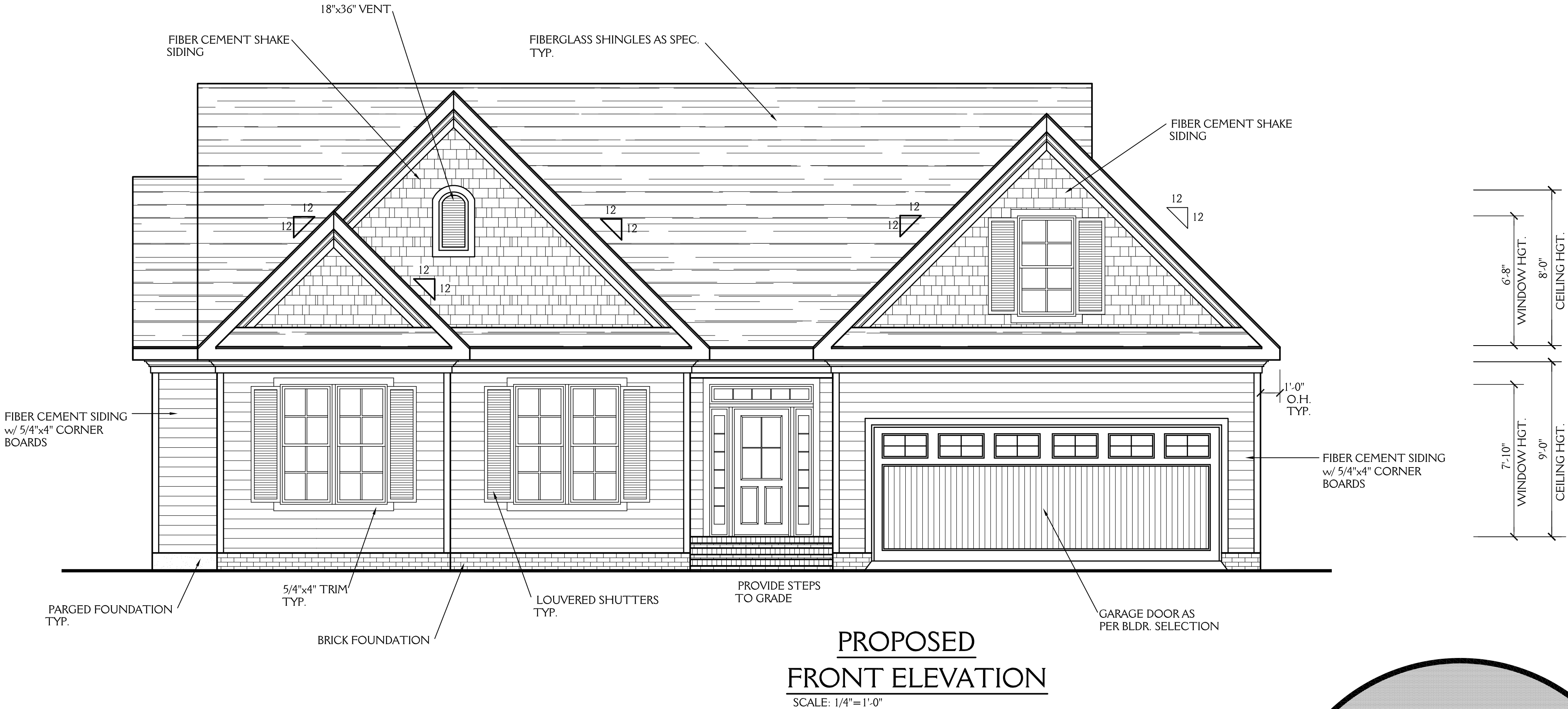
COMPONENT & CLADDING DESIGNED FOR THE FOLLOWING LOADS

MEAN ROOF HEIGHT	UP TO 30'	30'-1" - 35'	35'-1" - 40'	40'-1" - 45'
ZONE 1	16.5, -18.0	17.3, -18.9	18.0, -19.6	18.5, -20.2
ZONE 2	16.5, -21.0	17.3, -22.1	18.0, -22.9	18.5, -23.5
ZONE 3	16.5, -21.0	17.3, -22.1	18.0, -22.9	18.5, -23.5
ZONE 4	18.0, -19.5	18.9, -20.5	19.6, -21.3	20.2, -21.8
ZONE 5	18.0, -24.1	18.9, -25.3	19.6, -26.3	20.2, -27.0

MINIMUM VALUES FOR ENERGY COMPLIANCE:
ZONE 4 MAX GLAZING U-FACTOR = 0.35 CEILING R-38 WALLS R-15 FLOORS R-19

NOTE:

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NOTES: CONSTRUCTION TO MEET OR EXCEED ALL REQUIREMENTS OF THE 2018 NC RESIDENTIAL BUILDING CODE			
1. SEE SECTION R310 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL EMERGENCY ESCAPE & RESCUE OPENING REQUIREMENTS. SEE SECTION R303 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR LIGHT & VENTILATION REQUIREMENTS. SEE SECTION R310.1 & R311 OF THE 2018 NC RESIDENTIAL BUILDING CODE EGRESS REQUIREMENTS.	3. SEE SECTION R308.4 OF THE 2018 NC RESIDENTIAL BLDG. CODE FOR GLAZING REQUIREMENTS IN HAZARDOUS LOCATIONS 4. PROVIDE FALL PROTECTION AT WINDOWS AS REQUIRED BY 2018 NC RESIDENTIAL BUILDING CODE 5. ALL GLASS TO HAVE A U FACTOR OF 0.32 OR BETTER AND SHGC OF .30 OR BETTER. 6. SEE CHAPTER 11 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL ENERGY CONSERVATION REQUIREMENTS	7. SEE SECTION R302.5 & R302.6 OF THE 2018 NC RESIDENTIAL BLDG. CODE FOR DWELLING/ GARAGE FIRE SEPARATION REQUIREMENTS 8. SEE APPENDIX M OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL DECK CONSTRUCTION REQUIREMENTS 9. PROVIDE CARBON MONOXIDE DETECTORS AS PER SECTION R315 OF THE 2018 NC RESIDENTIAL BUILDING CODE 10. PROVIDE CRAWLSPACE ACCESS AS PER SECTION 408.8 OF THE 2018 NC RESIDENTIAL BUILDING CODE LOCATION T.B.D. IN FIELD BY BUILDER.	11. PROVIDE FOUNDATION DRAINAGE AS PER CODE. SEE SECTIONS 405, 801.3 & 401.3 OF THE 2018 NC RESIDENTIAL BUILDING CODE. 12. SEE SECTION R311.7 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL STAIRWAY REQUIREMENTS. SEE SECTION R312 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL GUARD RAIL & HAND RAIL REQUIREMENTS. 13. SEE SECTION R307 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL BATH FIXTURE CLEARANCES.

New Light

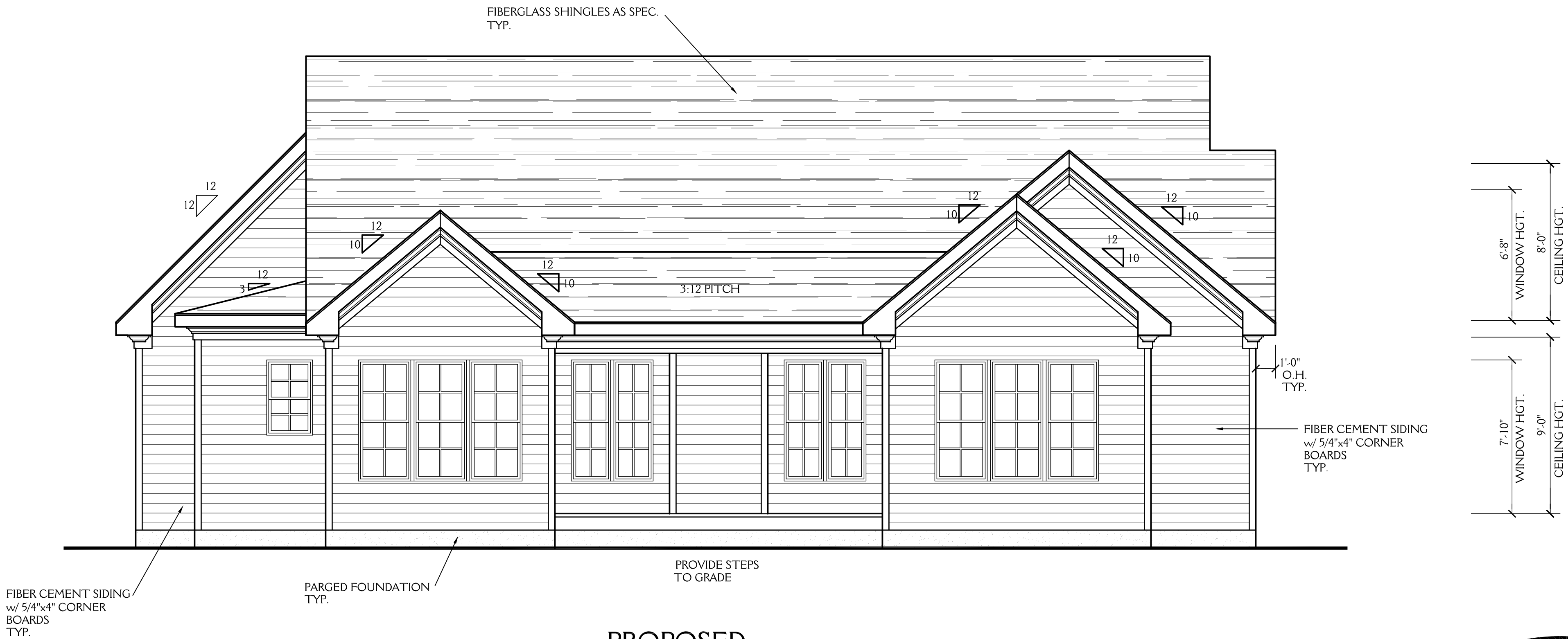
Residential Design, L.L.C.

919-880-1287

NORTH CAROLINA EXTERIORS LOT 53 WOODLAND PARK		SHEET 1 OF 8
DRAWN BY: JD	DATE: 1-21-21	
REVISIONS:		PROJECT NO. 2104

NOTE:

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PROPOSED
REAR ELEVATION

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

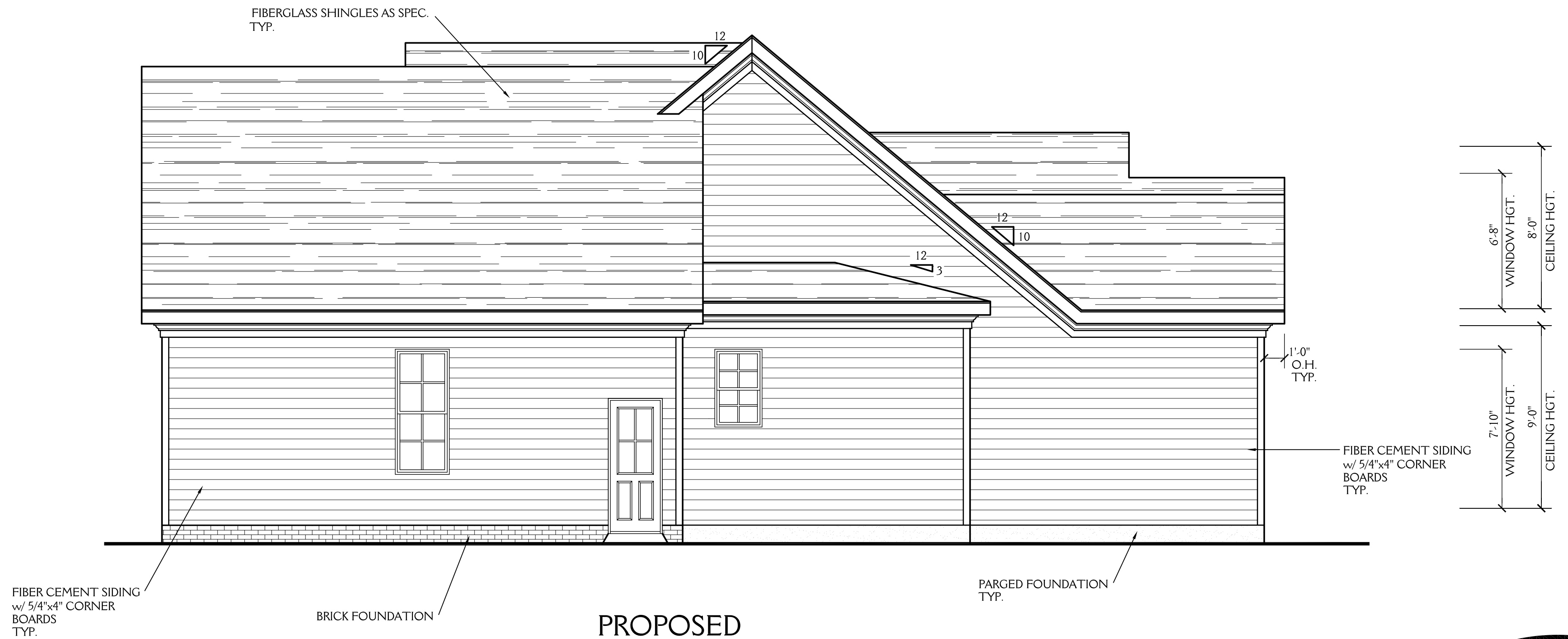
New Light

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NORTH CAROLINA EXTERIORS LOT 53 WOODLAND PARK		SHEET 2 OF 8
DRAWN BY: JD	DATE: 1-21-21	
REVISIONS:		PROJECT NO. 2104

NOTE:

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BEFORE CONSTRUCTION BEGINS. ONCE CONSTRUCTION HAS BEGUN,
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THIS PLAN IS DESIGNED UNDER THE 2018 NORTH CAROLINA
RESIDENTIAL CODE



PROPOSED
RIGHT ELEVATION

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

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NORTH CAROLINA EXTERIORS
LOT 53 WOODLAND PARK

DRAWN BY:	JD	DATE:	1-21-21
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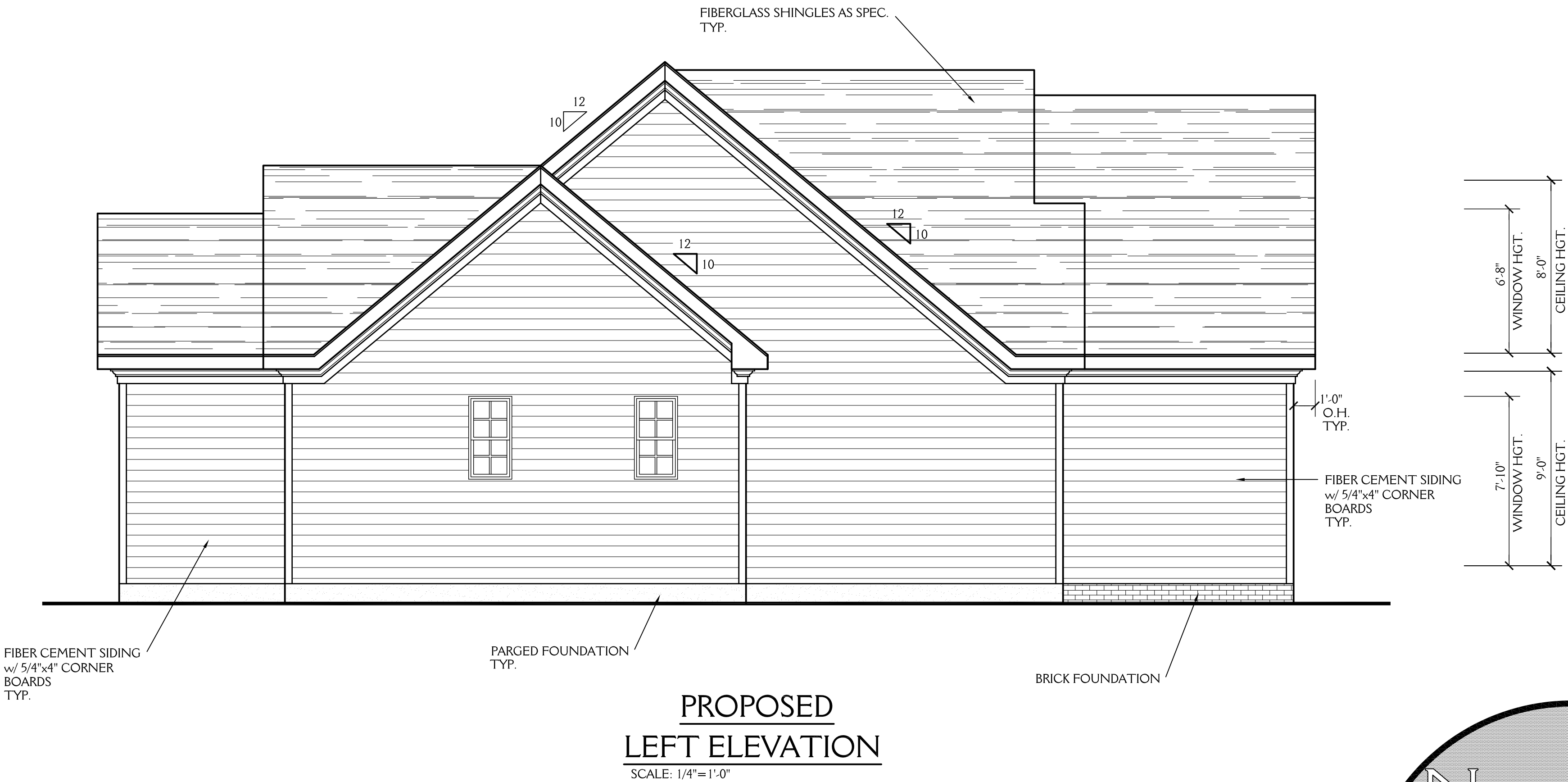
REVISIONS:

SHEET
3
OF 8

PROJECT NO.	2104
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NOTE:

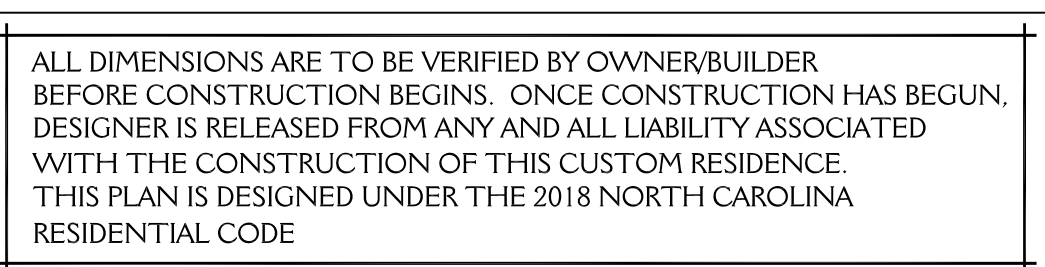
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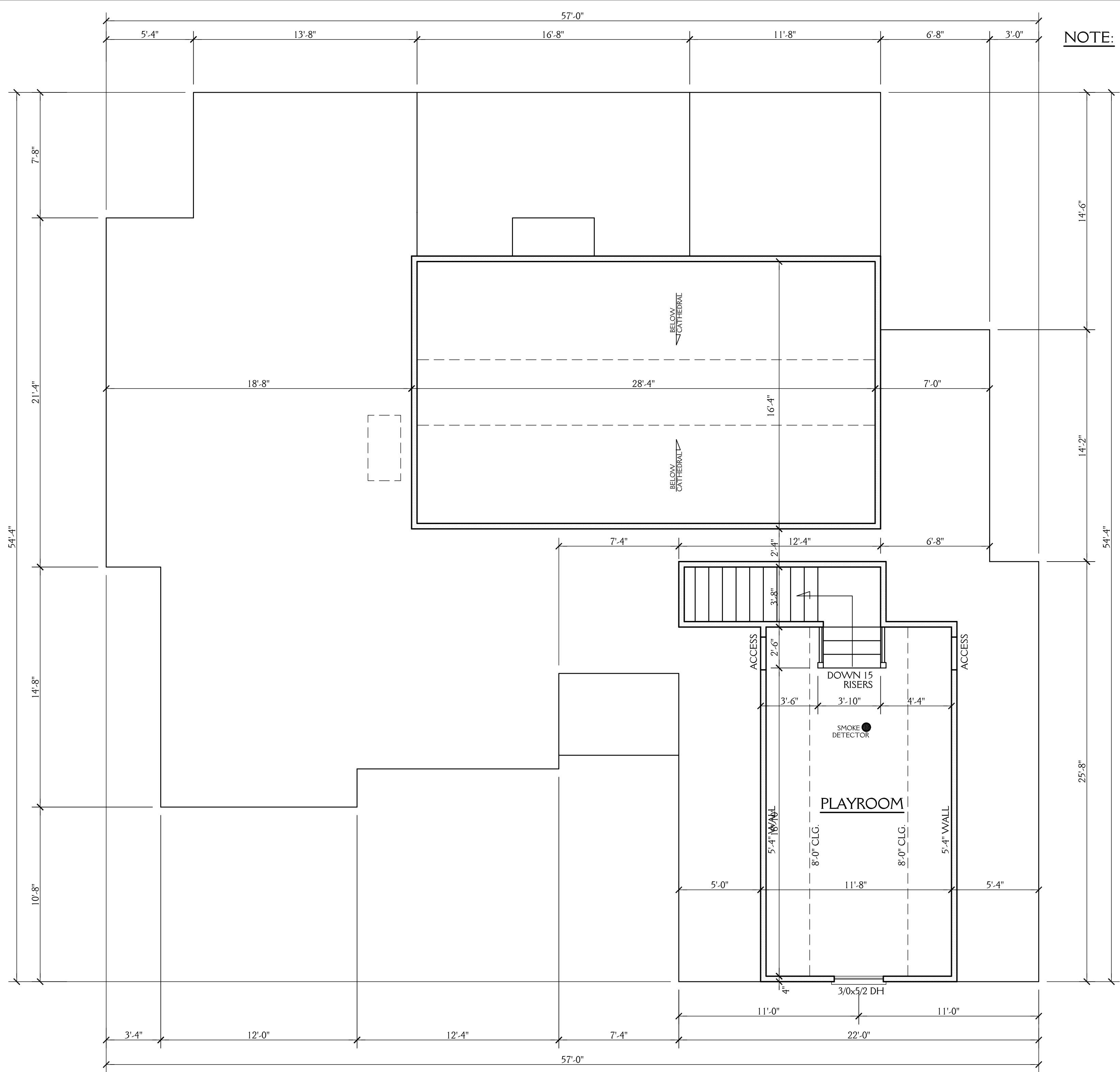


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NORTH CAROLINA EXTERIORS LOT 53 WOODLAND PARK		SHEET 4 OF 8
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SECOND FLOOR PLAN

SCALE 1/4"=1'-0"

8'-0" CLG. HGT.
SET WINDOWS AT 6'-8" AFF

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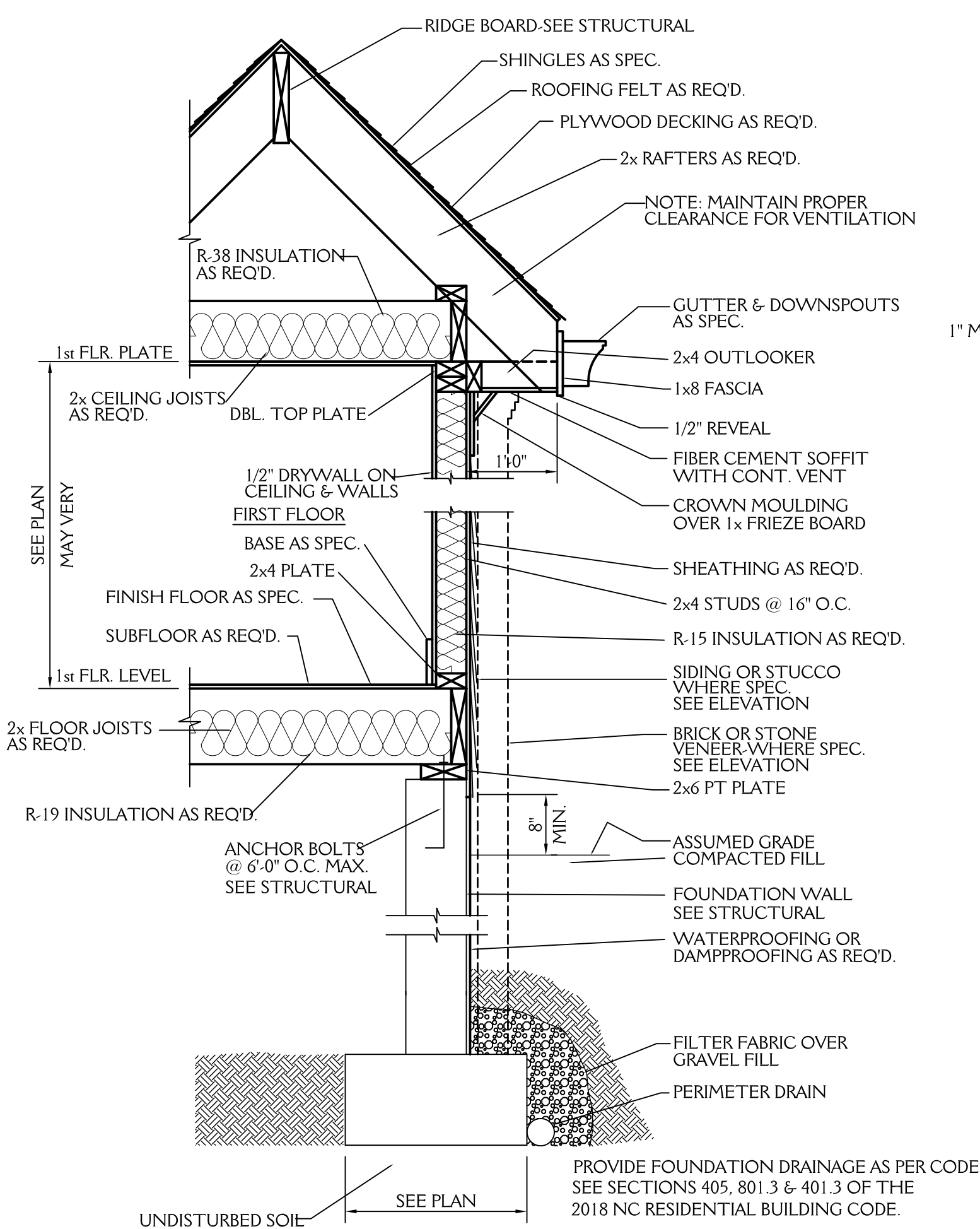
NORTH CAROLINA EXTERIORS
LOT 53 WOODLAND PARK

DRAWN BY: JD DATE: 1-21-21

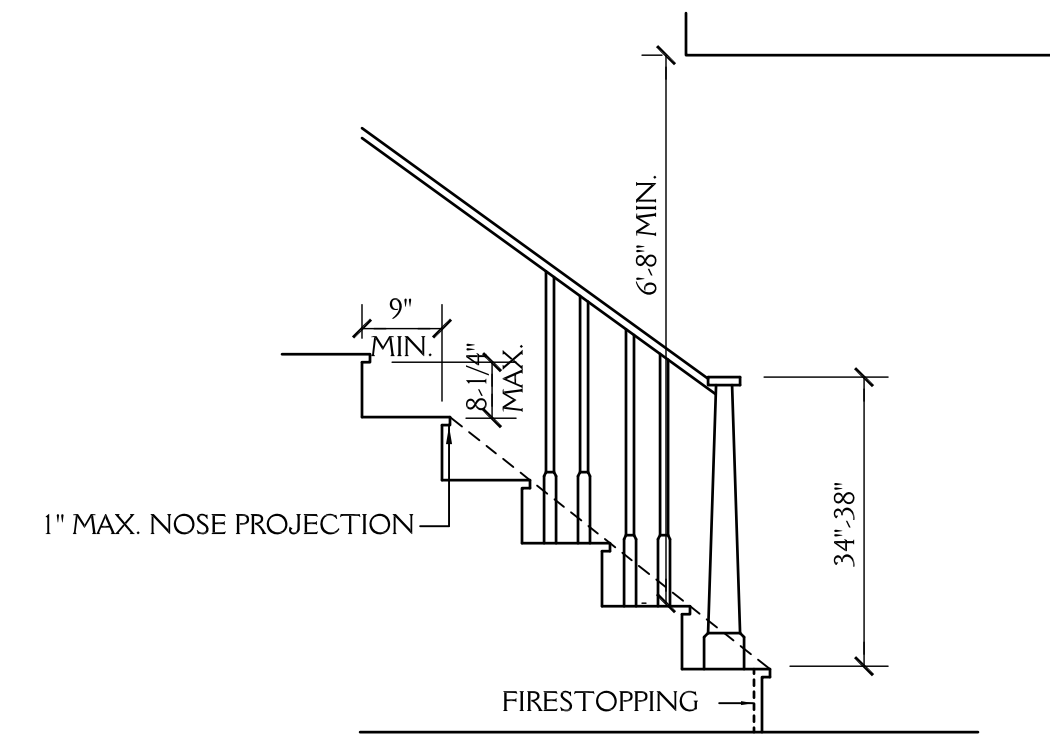
REVISIONS:

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6
OF 8

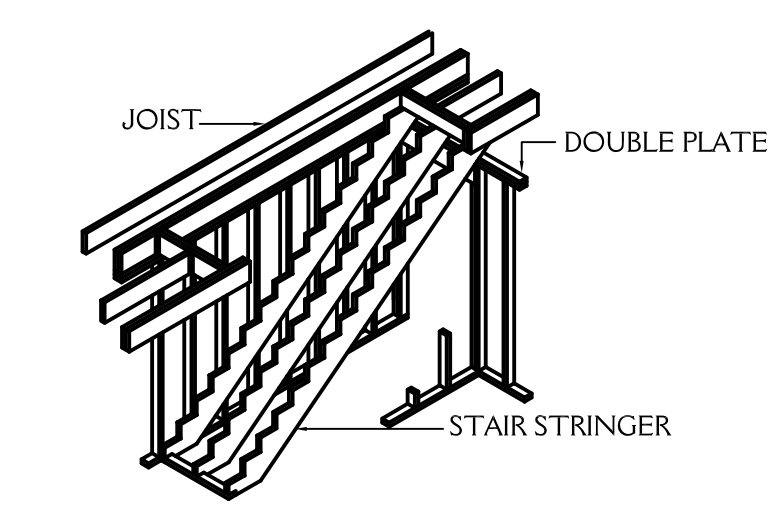
PROJECT NO.
2104



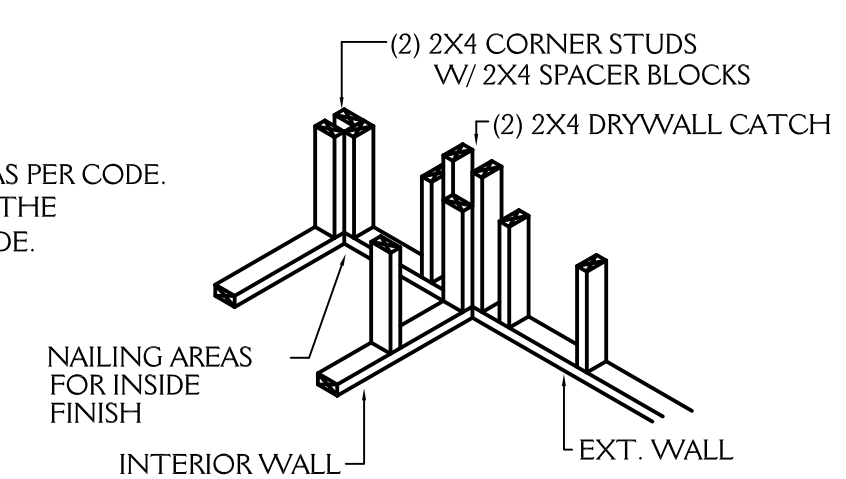
TYPICAL WALL SECTION
3/4"=1'-0"



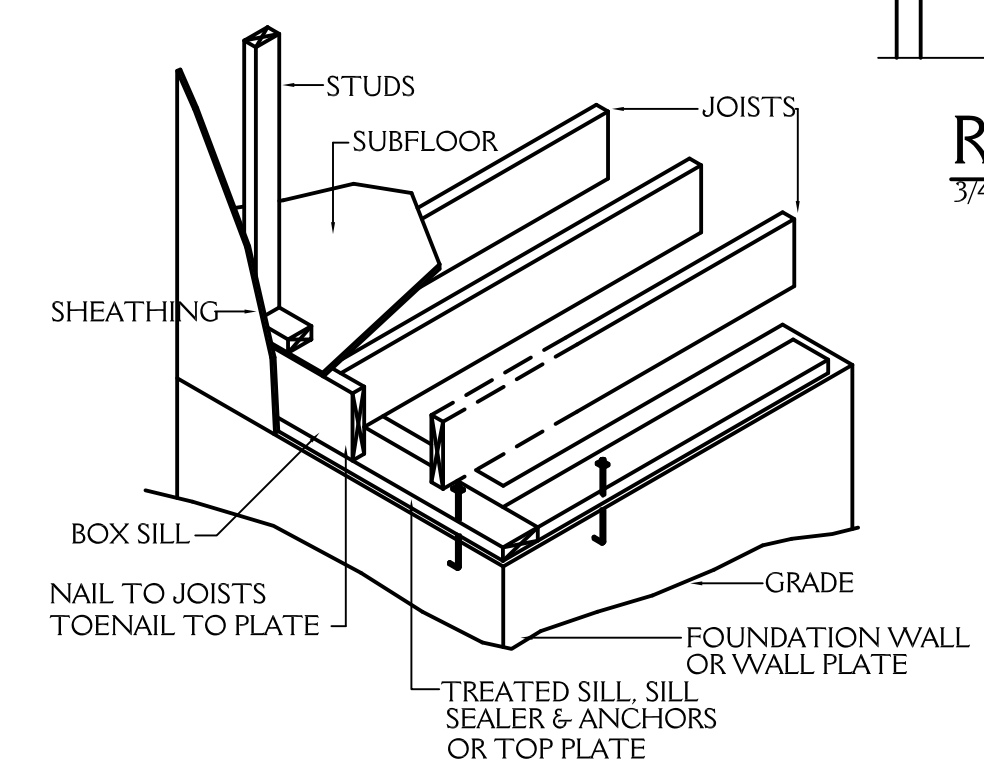
STAIR DETAIL
SCALE: NTS



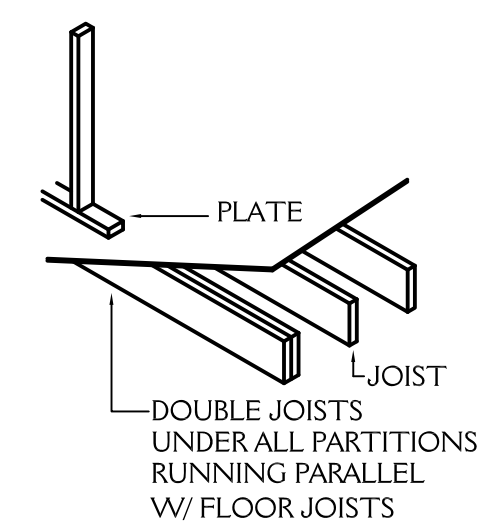
STAIRWAY FRAMING
NTS



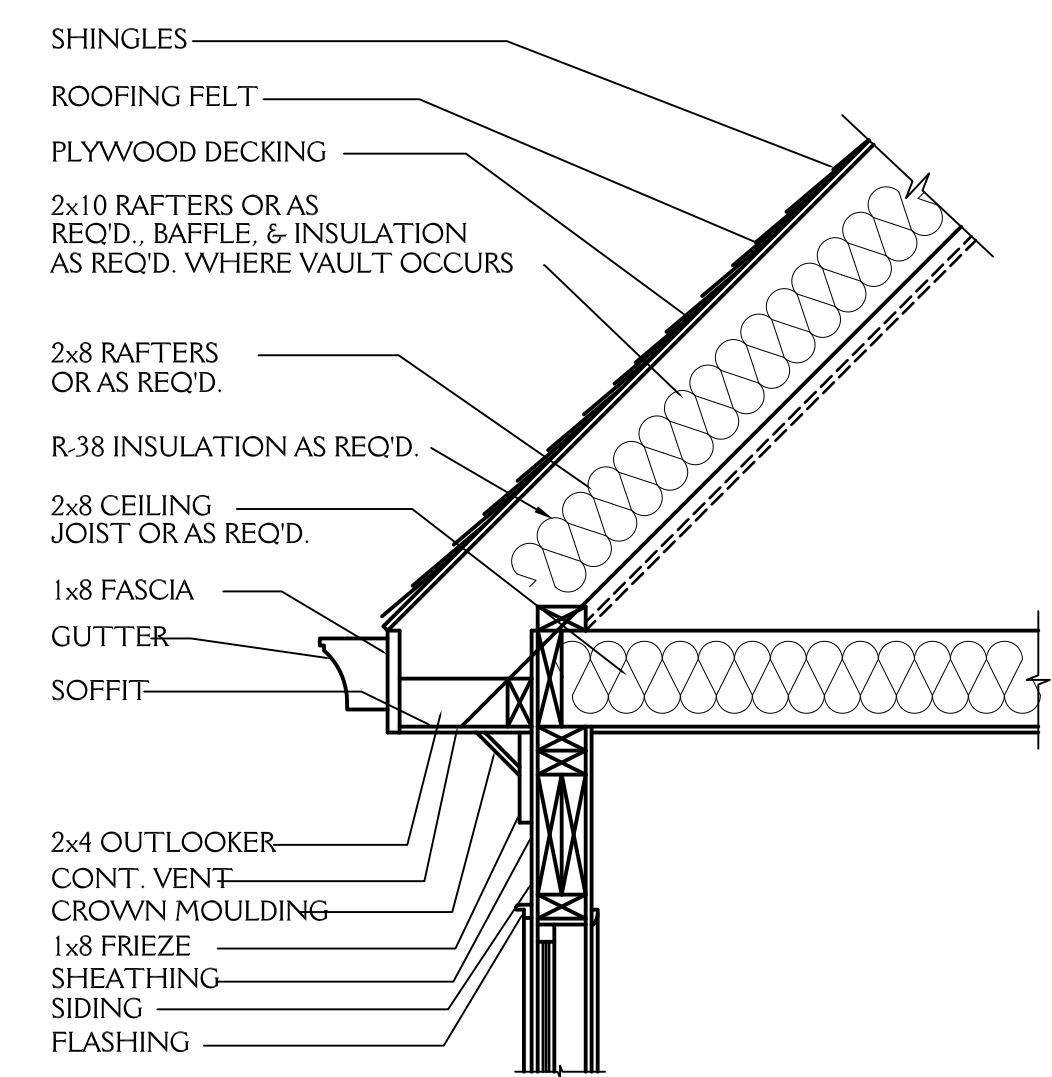
WALL INTERSECTION
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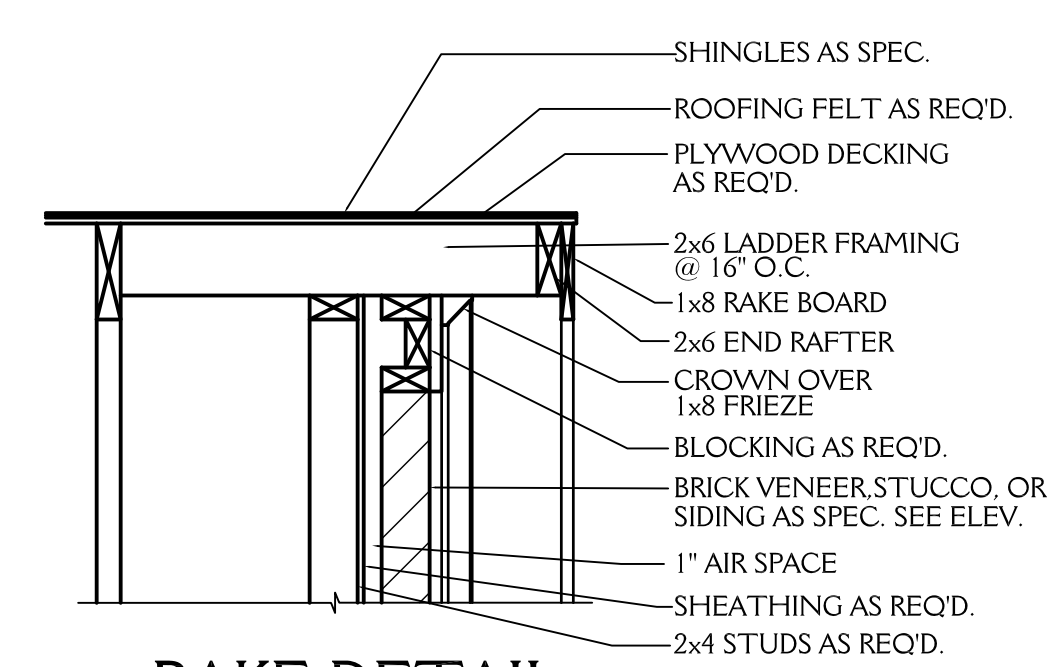
FLOOR FRAMING
NTS



PARALLEL PARTITION
NTS



CORNICE DETAIL
3/4"=1'-0"



RAKE DETAIL
3/4"=1'-0"

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ROOF VENT CALCS

2399 SQ.FT. / 150 = 15.99 SQ.FT. REQ'D

BUILDER TO PROVIDE APPROPRIATE VENTILATION AS REQUIRED BY CODE
SEE SECTION R806 OF THE 2018 NC RESIDENTIAL BLDG. CODE

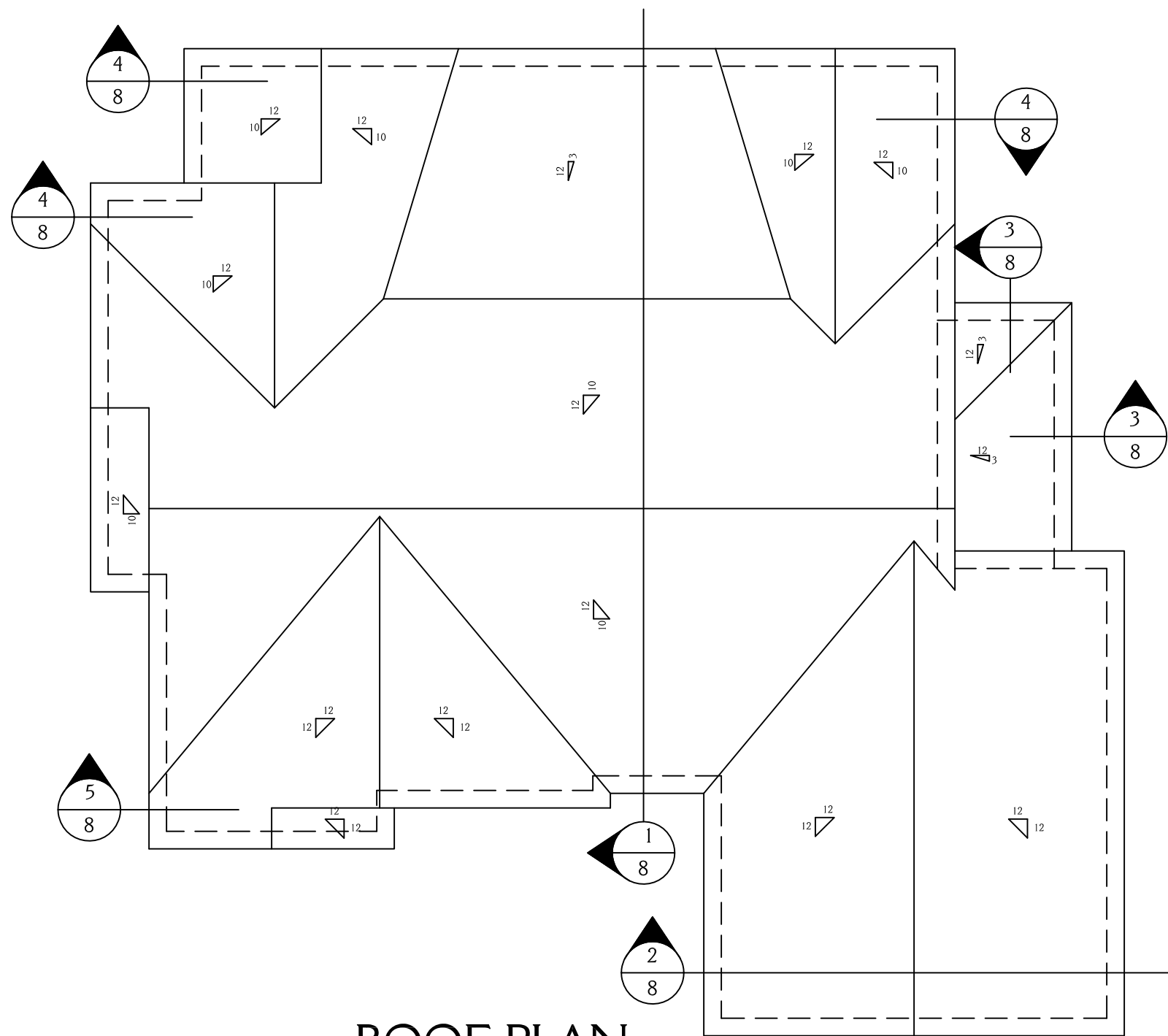
FND VENT CALCS

1552 SQ.FT. / 150 = 10.35 SQ.FT. REQ'D

BUILDER TO PROVIDE APPROPRIATE VENTILATION AS REQUIRED BY CODE
SEE SECTION R408 OF THE 2018 NC RESIDENTIAL BLDG. CODE

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NORTH CAROLINA EXTERIORS LOT 53 WOODLAND PARK		SHEET 7 OF 8
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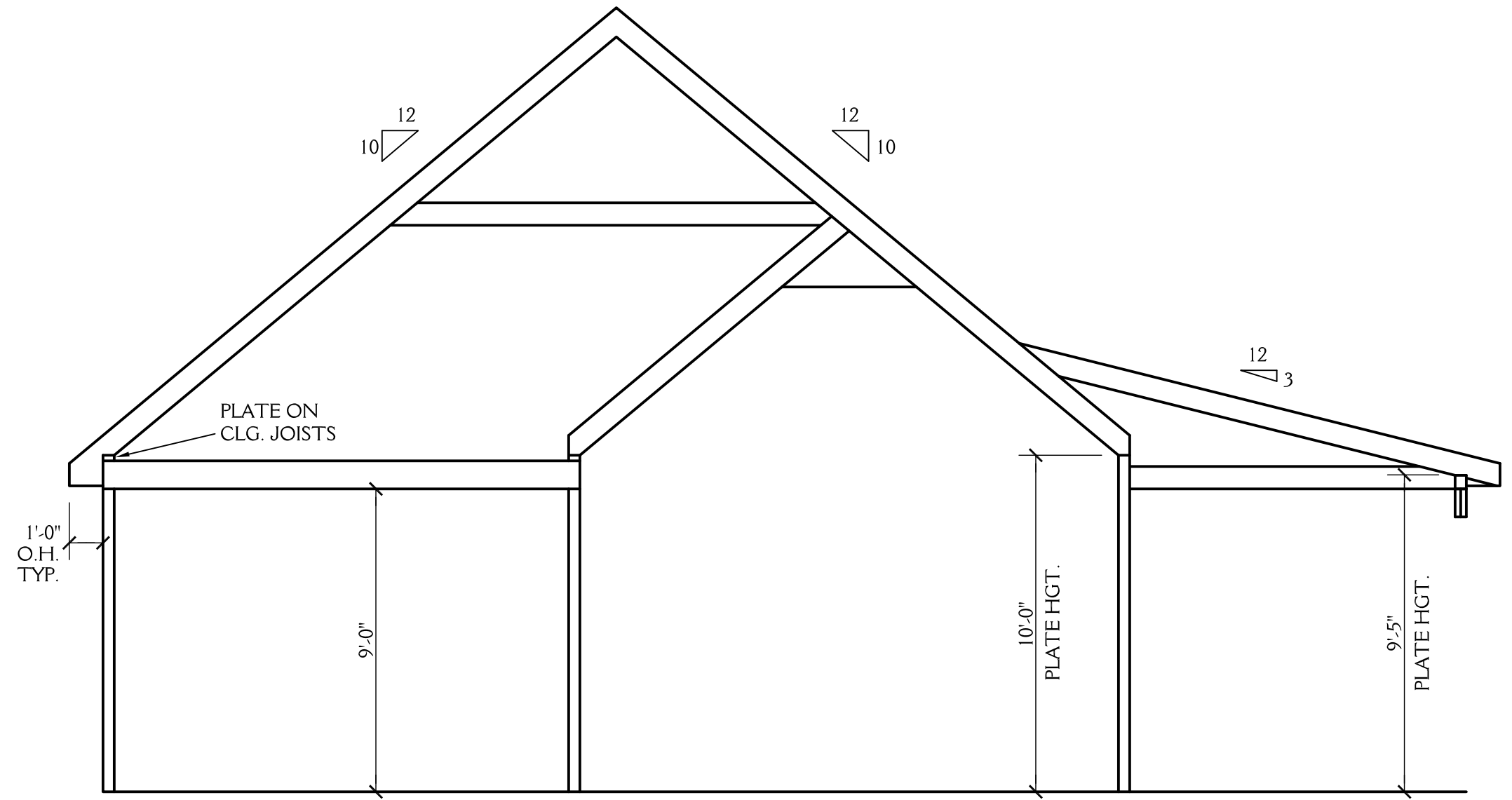


ROOF PLAN

SCALE 1/8"=1'-0"

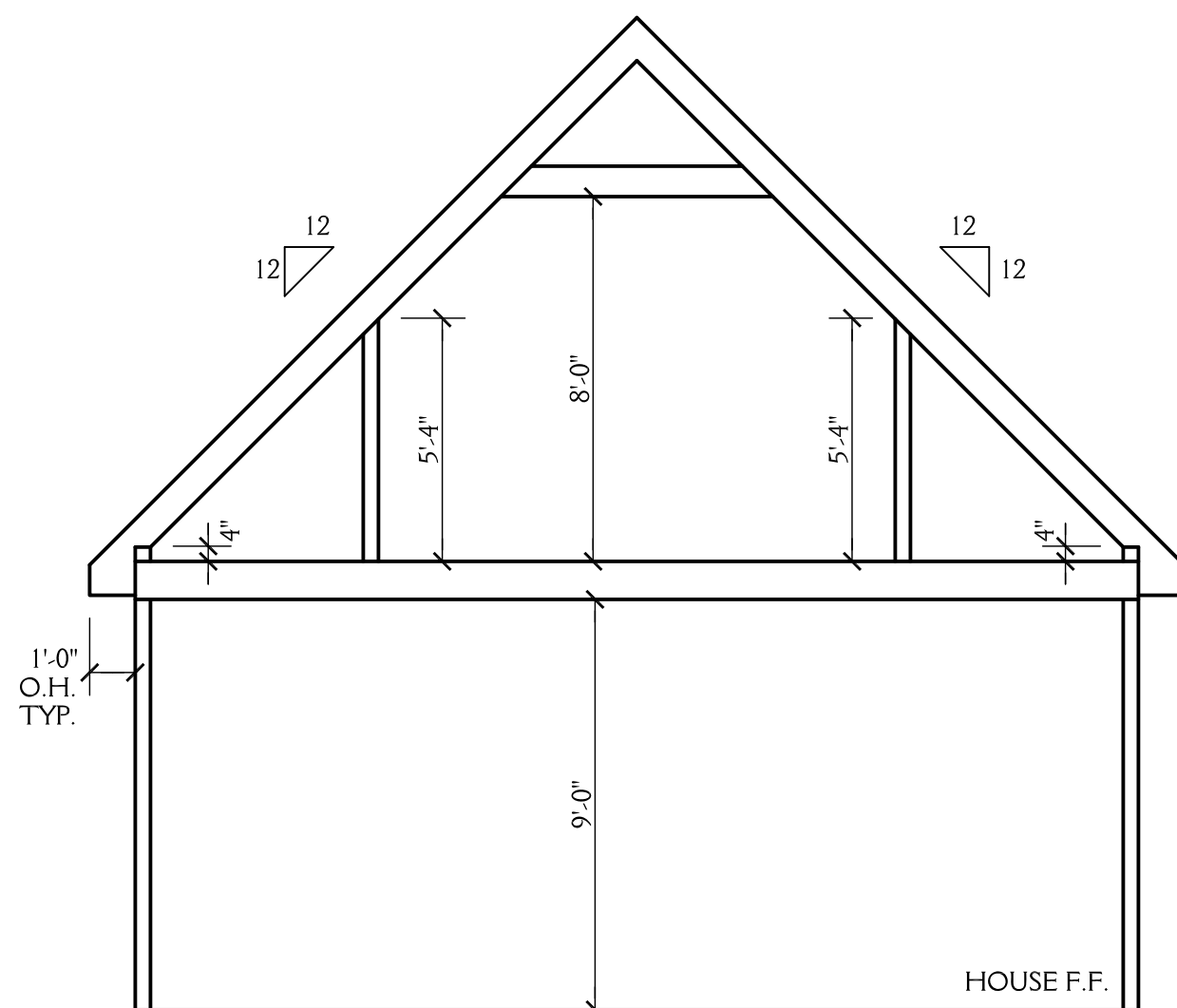
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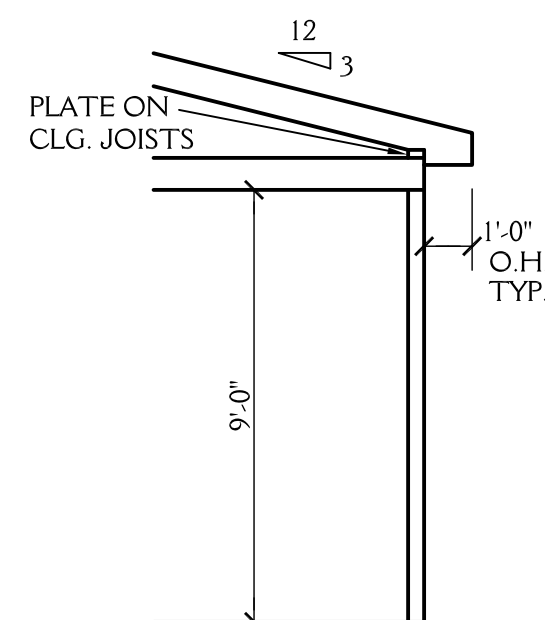
1
8 SCHEMATIC SECTION
SCALE 1/4"=1'-0"

NOTE: OPTIONAL ROOF TRUSSES
ROOF TRUSS DESIGN BY TRUSS MANUF.



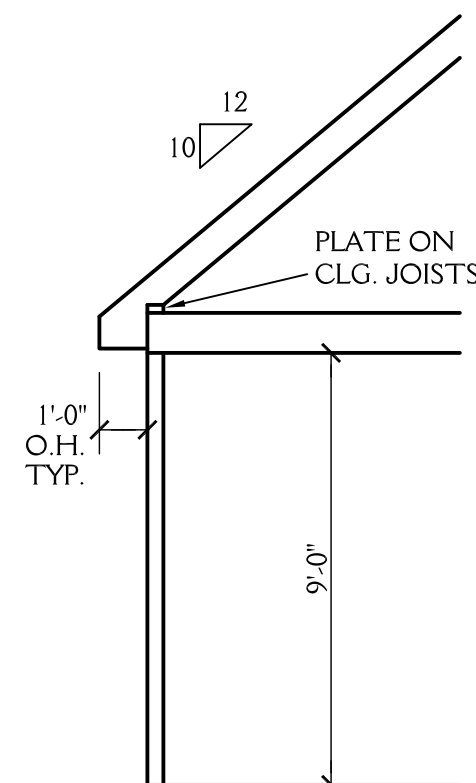
2
8 SCHEMATIC SECTION
SCALE 1/4"=1'-0"

NOTE: OPTIONAL ROOF TRUSSES
ROOF TRUSS DESIGN BY TRUSS MANUF.



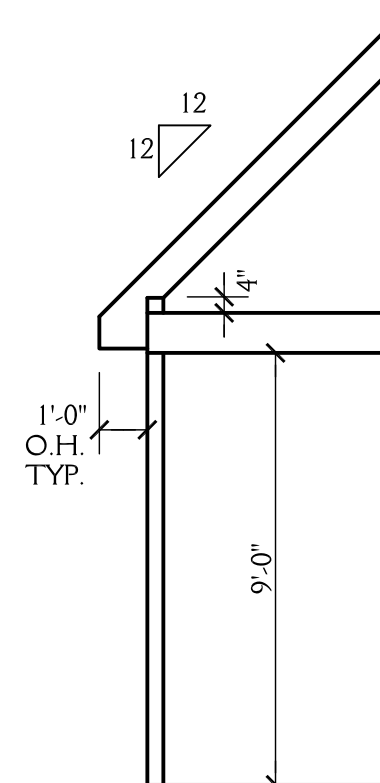
3
8 SCHEMATIC SECTION
SCALE 1/4"=1'-0"

NOTE: OPTIONAL ROOF TRUSSES
ROOF TRUSS DESIGN BY TRUSS MANUF.



4
8 SCHEMATIC SECTION
SCALE 1/4"=1'-0"

NOTE: OPTIONAL ROOF TRUSSES
ROOF TRUSS DESIGN BY TRUSS MANUF.



5
8 SCHEMATIC SECTION
SCALE 1/4"=1'-0"

NOTE: OPTIONAL ROOF TRUSSES
ROOF TRUSS DESIGN BY TRUSS MANUF.

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NORTH CAROLINA EXTERIORS LOT 53 WOODLAND PARK		SHEET <div style="font-size: 2em; font-weight: bold;">8</div> OF 8
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