

PLANS DESIGNED TO THE 2018 NORTH CAROLINA RESIDENTIAL CODE
 PLANS DESIGNED FOR MIN. 115 MPH 3 SECOND GUST (89 MPH FASTEST WIND), EXPOSURE B
 ANCHOR BOLTS TO BE MIN. 1/2" DIAMETER & SHALL EXTEND A MINIMUM OF 7" INTO
 MASONRY OR CONCRETE. ANCHOR BOLTS TO BE NO MORE THAN 6" O.C. AND WITHIN
 12" OF THE CORNER.

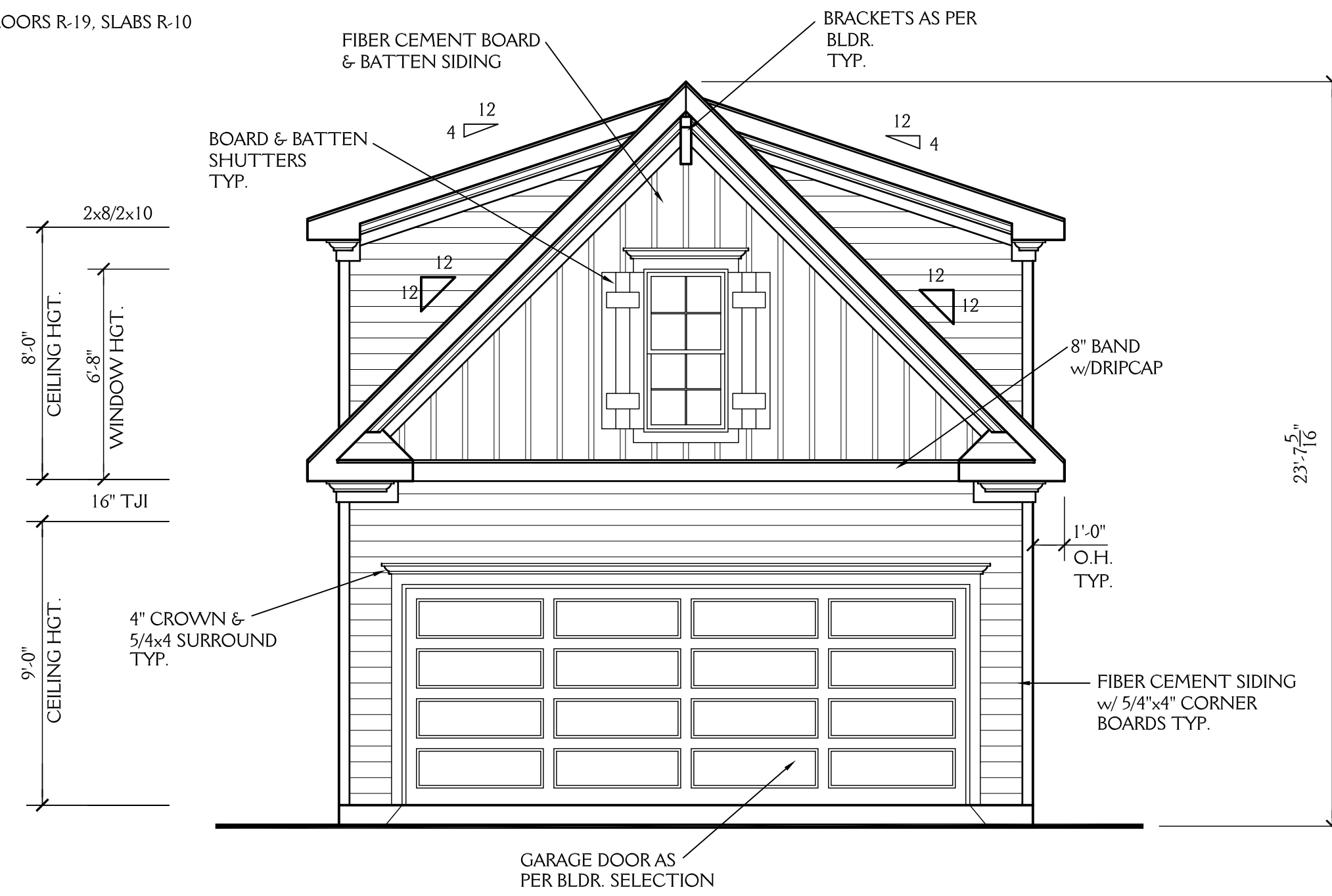
MEAN ROOF HEIGHT = < 30'-0"

COMPONENT & CLADDING FOR THESE PLANS SHALL BE DESIGNED TO MEET SECTION R301.2.1,
 TABLE R301.2(2) AND R301.2(6) ADJUSTED FOR MEAN ROOF HEIGHT AND EXPOSURE.

MINIMUM VALUES FOR ENERGY COMPLIANCE:

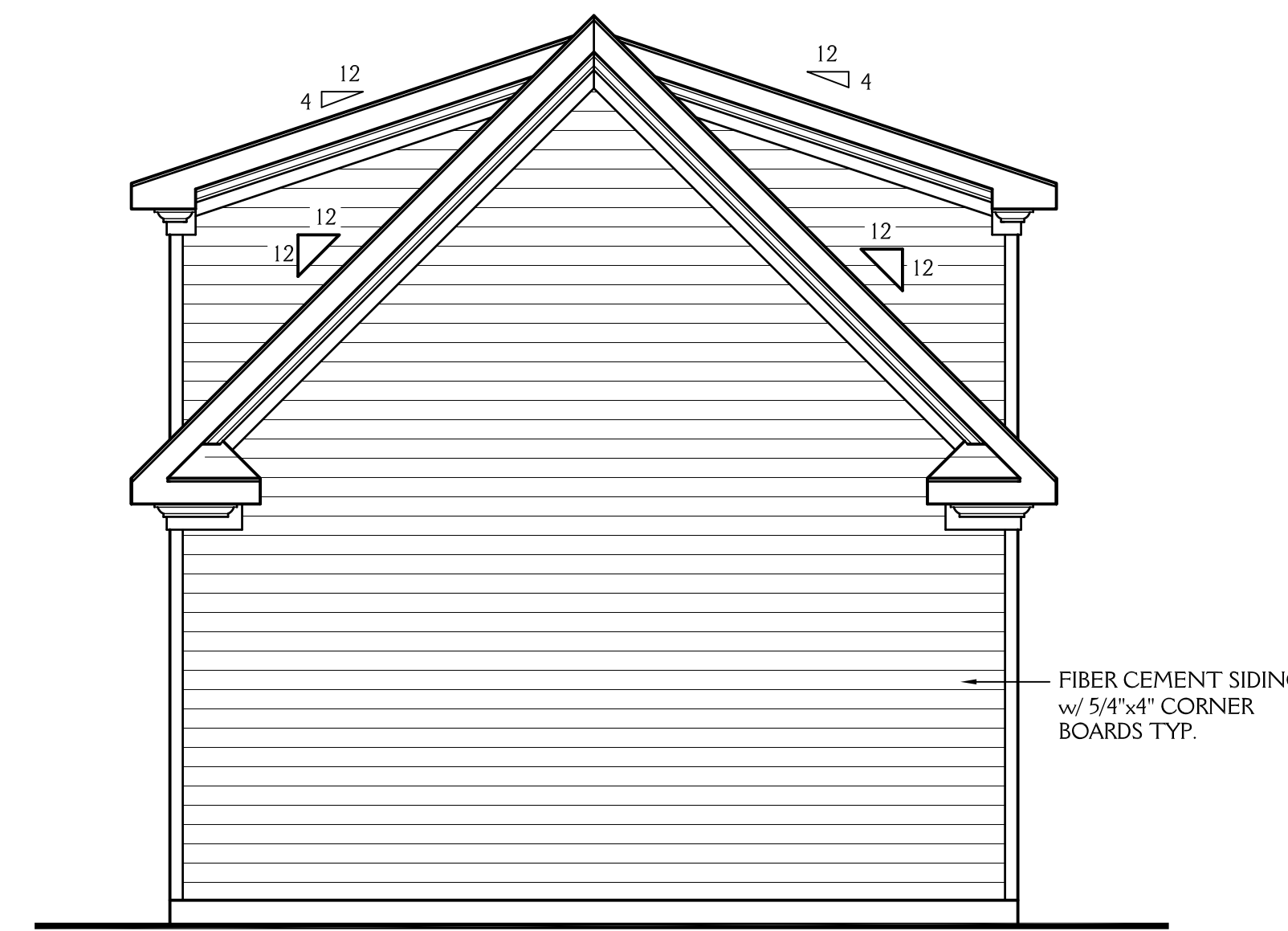
ZONE 4 MAX GLAZING U-FACTOR = 0.35 CEILING R-38 WALLS R-15 FLOORS R-19, SLABS R-10

ALL DIMENSIONS ARE TO BE VERIFIED BY OWNER/BUILDER
 BEFORE CONSTRUCTION BEGINS. ONCE CONSTRUCTION HAS BEGUN,
 DESIGNER IS RELEASED FROM ANY AND ALL LIABILITY ASSOCIATED
 WITH THE CONSTRUCTION OF THIS CUSTOM RESIDENCE.
 THIS PLAN IS DESIGNED UNDER THE 2018 NORTH CAROLINA
 RESIDENTIAL CODE



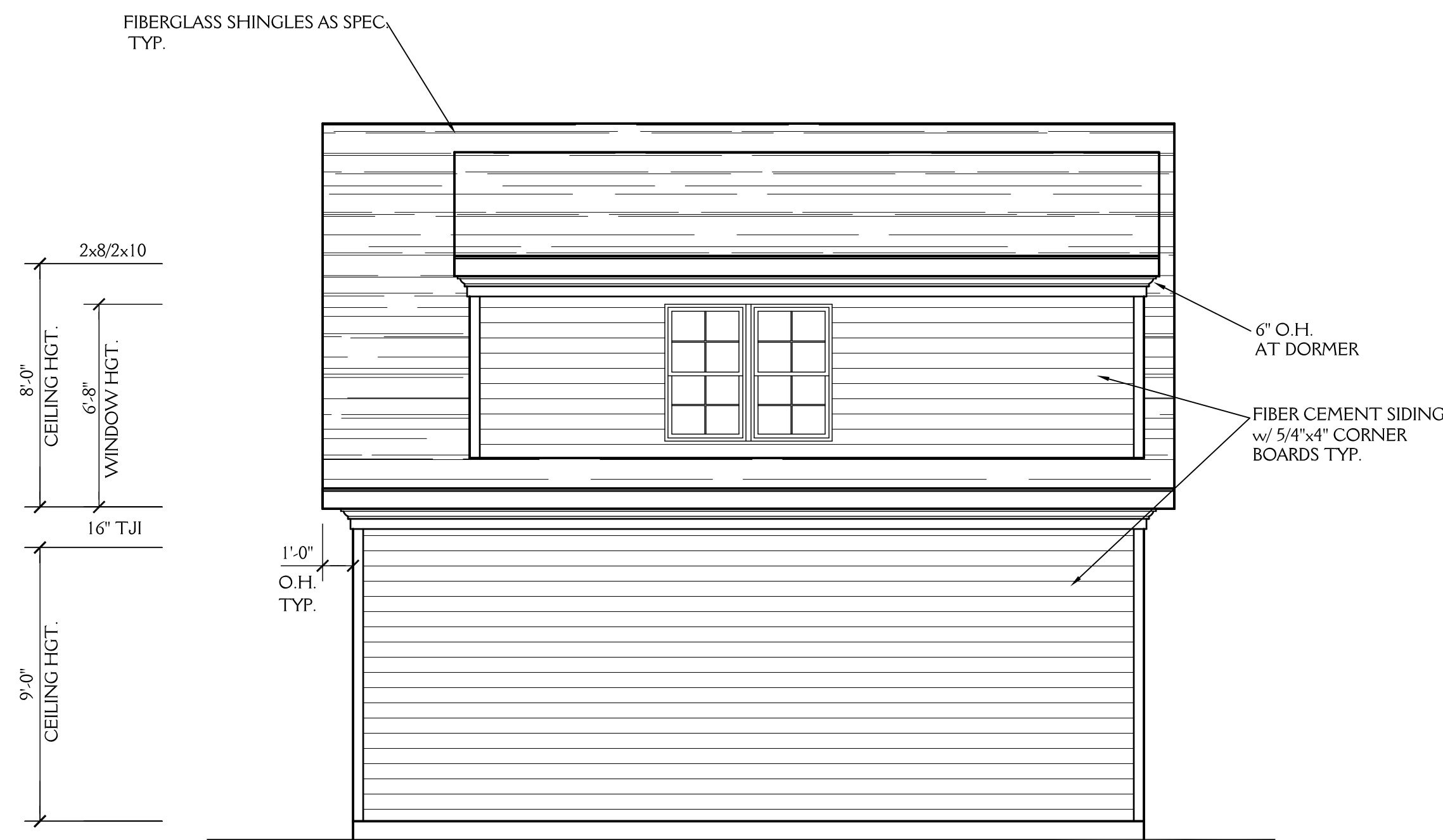
PROPOSED FRONT ELEVATION

SCALE 1/4"=1'-0"



PROPOSED REAR ELEVATION

SCALE 1/4"=1'-0"



PROPOSED RIGHT ELEVATION

SCALE 1/4"=1'-0"



PROPOSED LEFT ELEVATION

SCALE 1/4"=1'-0"

NOTES:
 CONSTRUCTION TO MEET OR EXCEED ALL REQUIREMENTS
 OF THE 2018 NC RESIDENTIAL BUILDING CODE

- 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.
- BUILDER & WINDOW SALESMAN TO CONFIRM THAT WINDOWS CHOSEN MEET ALL REQUIREMENTS OF SECTION R310 OF THE 2018 NC RESIDENTIAL BUILDING CODE.
- SEE SECTION R308.4 OF THE 2018 NC RESIDENTIAL BLDG. CODE FOR GLAZING REQUIREMENTS IN HAZARDOUS LOCATIONS
- PROVIDE FALL PROTECTION AT WINDOWS AS REQUIRED BY 2018 NC RESIDENTIAL BUILDING CODE
- ALL GLASS TO HAVE A U FACTOR OF 0.32 OR BETTER AND SHGC OF .30 OR BETTER.
- SEE CHAPTER 11 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL ENERGY CONSERVATION REQUIREMENTS
- SEE SECTION R302.5 & R302.6 OF THE 2018 NC RESIDENTIAL BLDG. CODE FOR DWELLING/ GARAGE FIRE SEPARATION REQUIREMENTS
- SEE APPENDIX M OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL DECK CONSTRUCTION REQUIREMENTS
- PROVIDE CARBON MONOXIDE DETECTORS AS PER SECTION R315 OF THE 2018 NC RESIDENTIAL BUILDING CODE
- PROVIDE CRAWLSPACE ACCESS AS PER SECTION 408.8 OF THE 2018 NC RESIDENTIAL BUILDING CODE LOCATION T.B.D. IN FIELD BY BUILDER.
- PROVIDE FOUNDATION DRAINAGE AS PER CODE. SEE SECTIONS 405, 801.3 & 401.3 OF THE 2018 NC RESIDENTIAL BUILDING CODE.
- 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.
- SEE SECTION R307 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL BATH FIXTURE CLEARANCES.

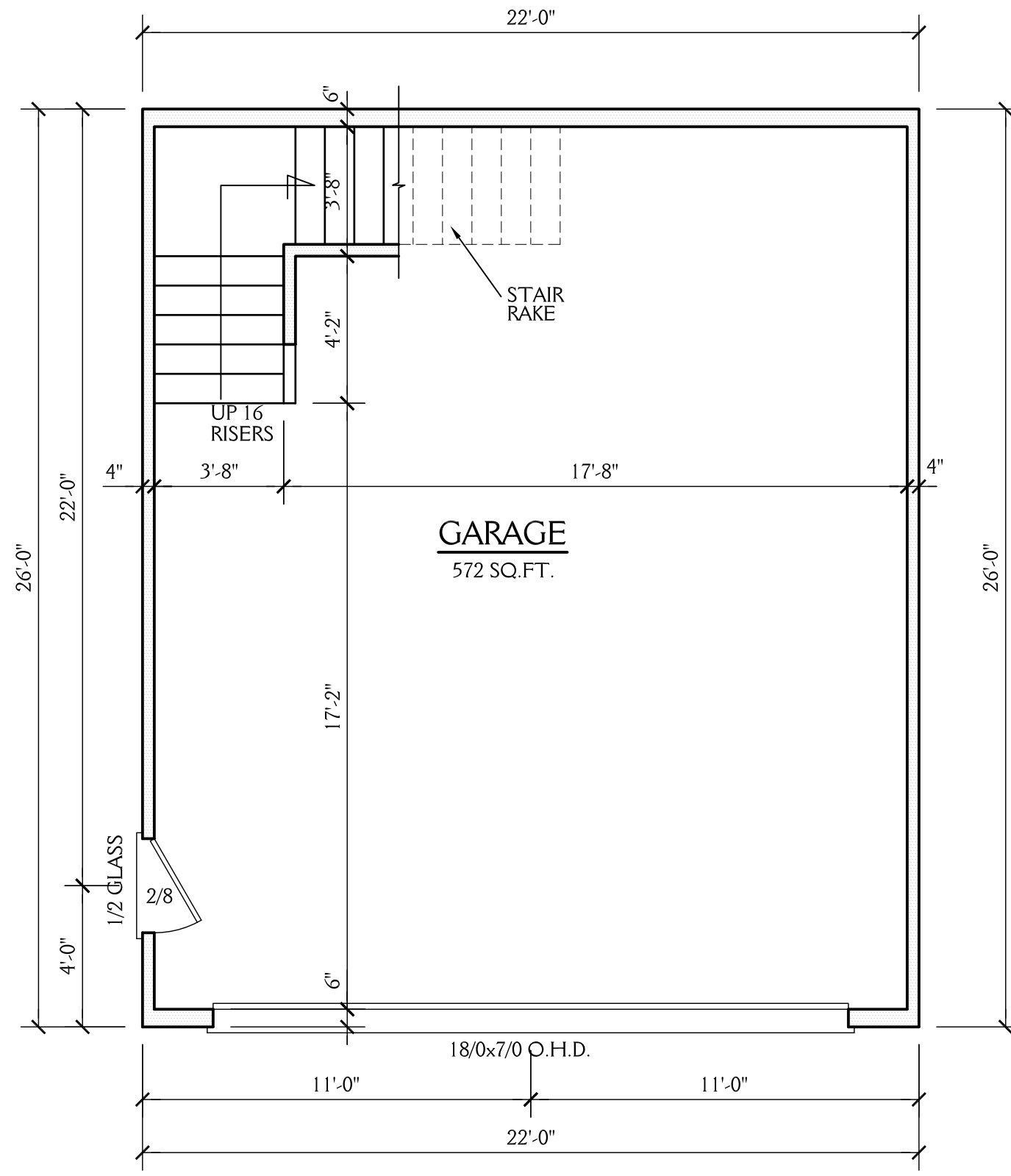
ABBREVIATIONS

C.O. : CASED OPENING	CANT. : CANTILEVER
D.W. : DISHWASHER	TYP. : TYPICAL
W.I.C. : WALK IN CLOSET	CLG. : CEILING
SHWR. : SHOWER	HGT. : HEIGHT
DN. : DOWN	COL. : COLUMN
	TRANS. : TRANSOM

New Light

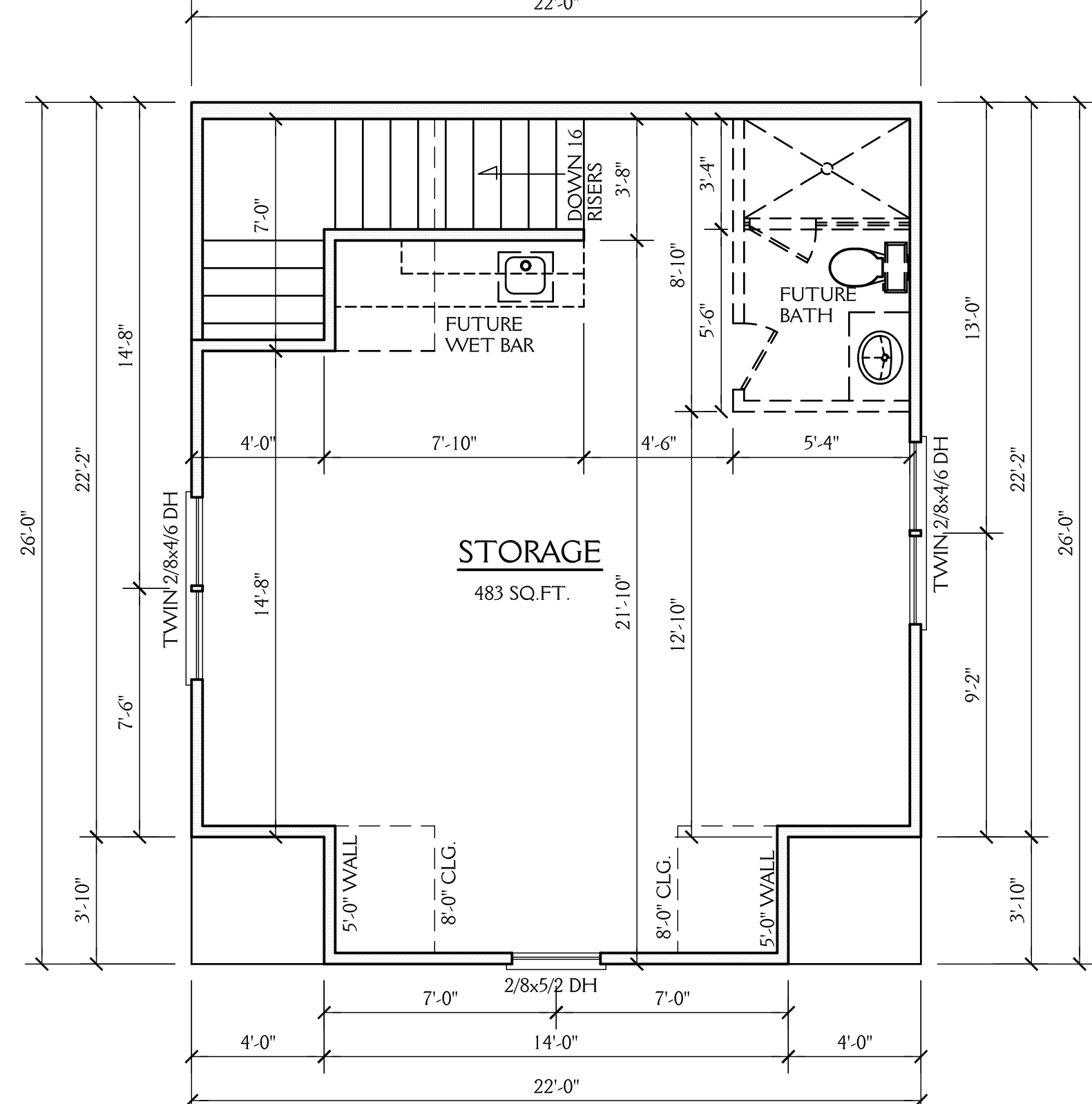
Residential Design, L.L.C.
 919-880-1287

J&W CUSTOM HOMES DETACHED GARAGE 3516 PURNELL RD WAKE FOREST NC		SHEET 1 OF 2
DRAWN BY: JD	DATE: 7-14-21	
REVISIONS:		PROJECT NO 2117



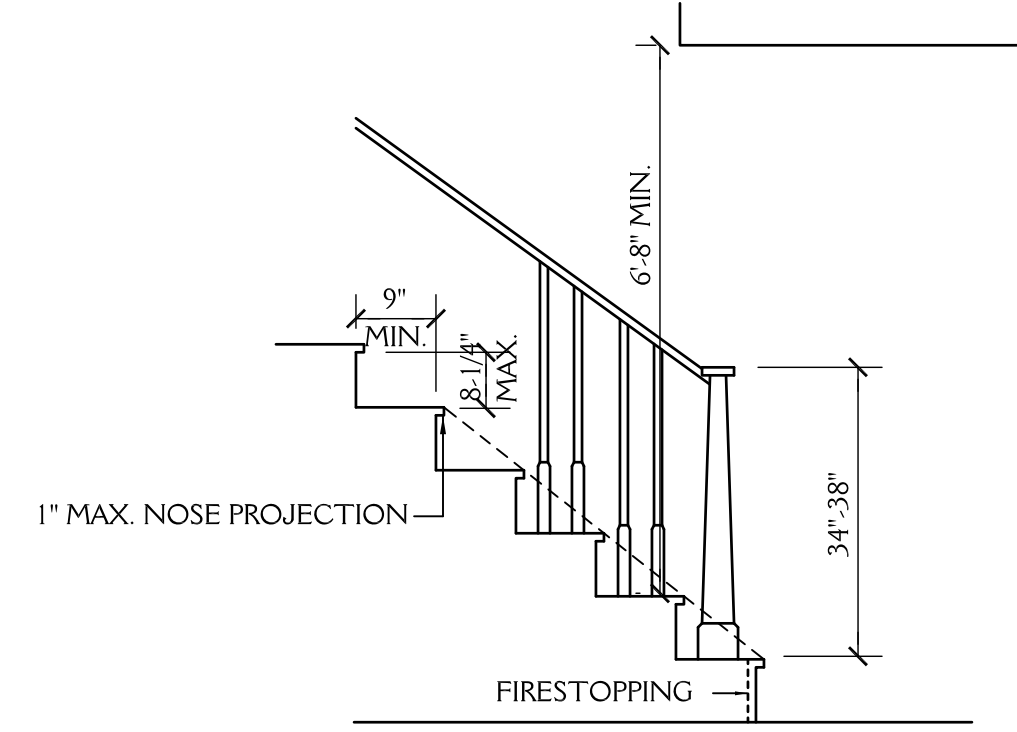
FIRST FLOOR PLAN

SCALE 1/4"=1'-0"
9'-0" CLG. HGT.



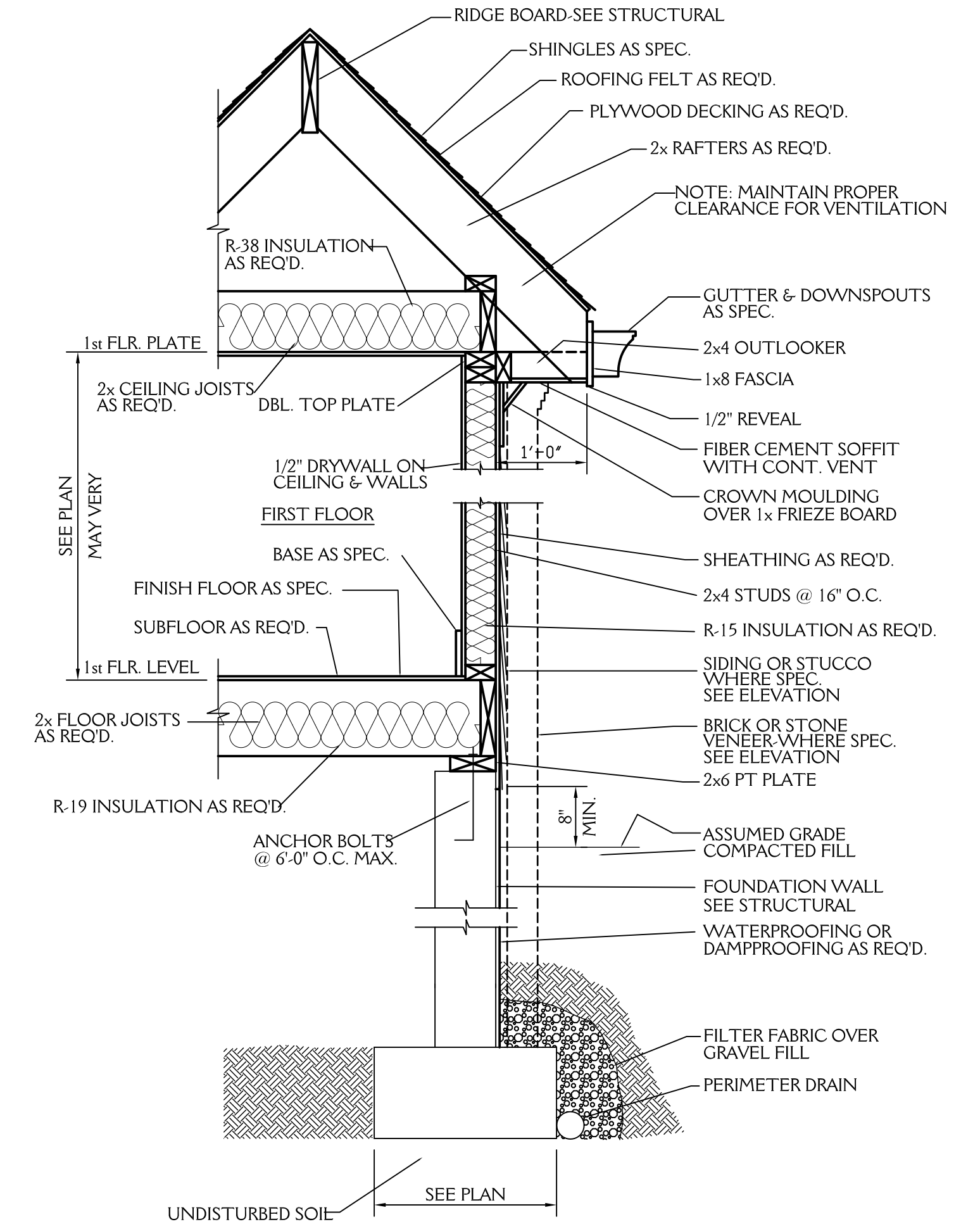
SECOND FLOOR PLAN

SCALE 1/4"=1'-0"
8'-0" CLG. HGT.
SET WINDOWS AT 6'-8" AFF U.N.O.



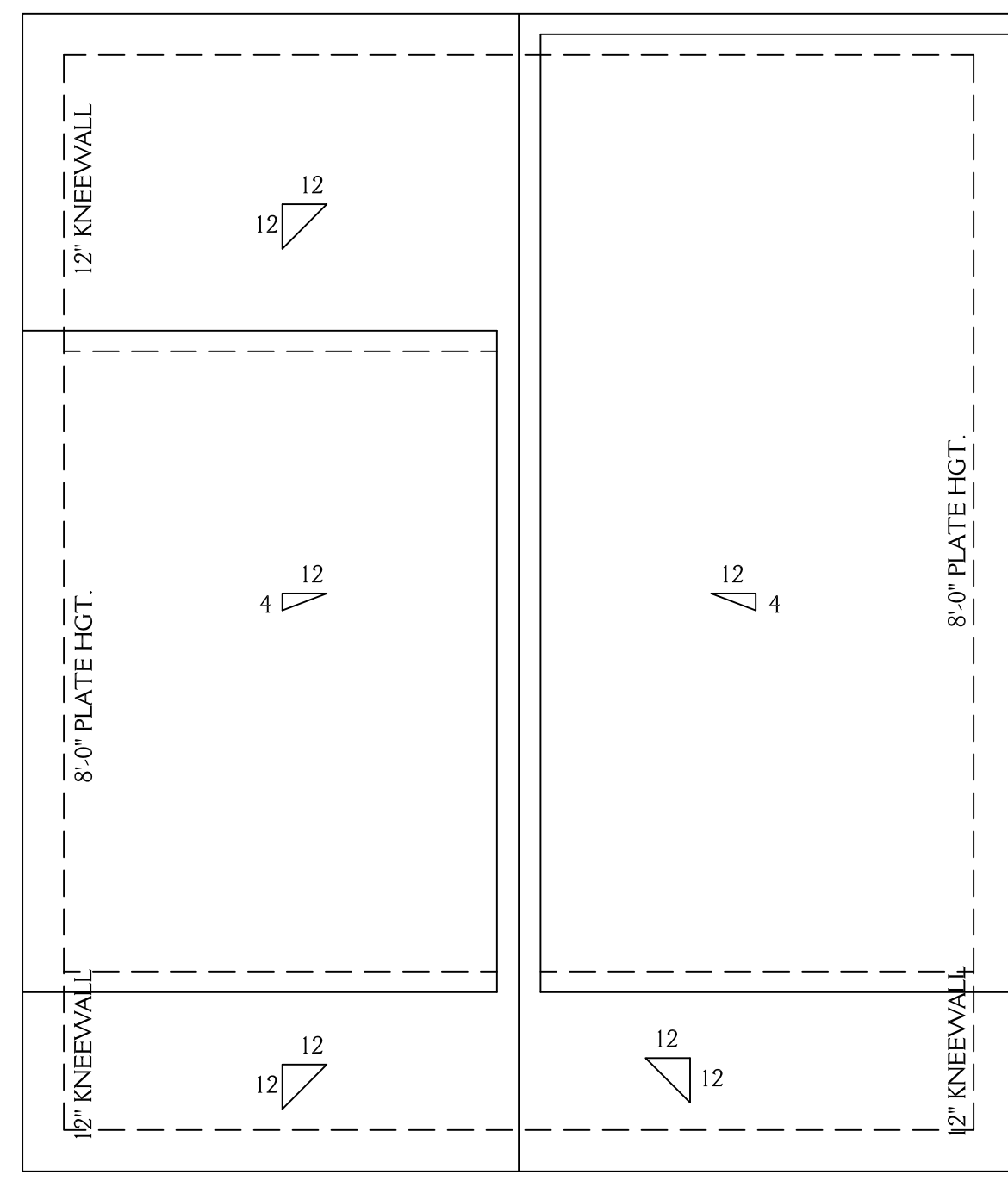
STAIR DETAIL

SCALE: NTS



TYP. WALL DETAIL

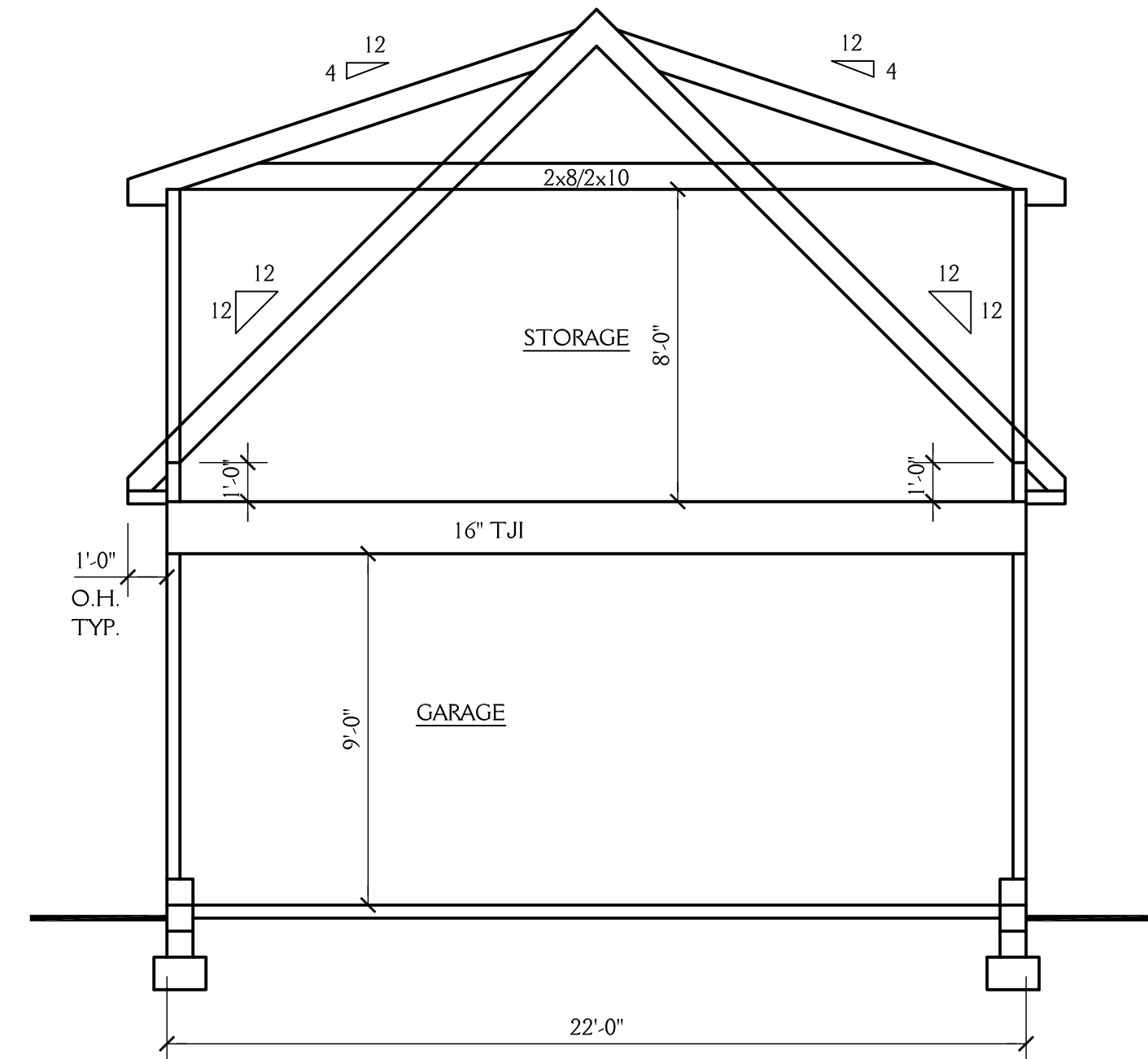
3/4"=1'-0"



ROOF PLAN

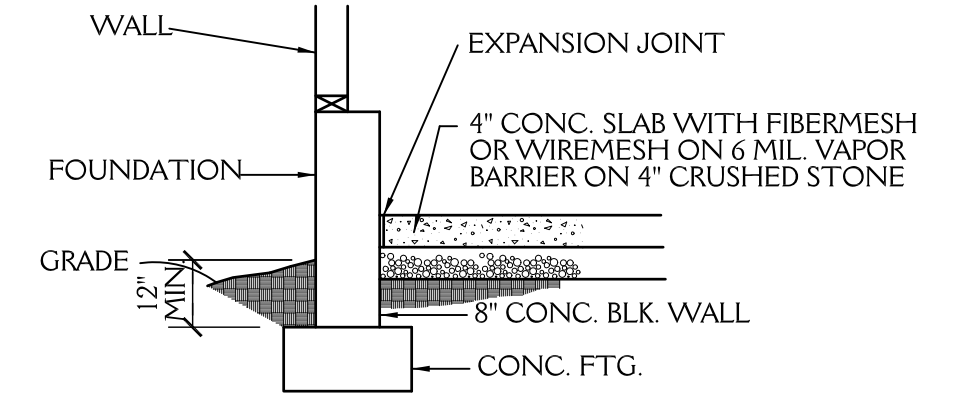
SCALE 1/4"=1'-0"

ROOF VENT CALCS
572 SQ.FT. /150 = 3.81 SQ.FT. REQ'D
BUILDER TO PROVIDE APPROPRIATE VENTILATION AS REQUIRED BY CODE
SEE SECTION R806 OF THE 2018 NC RESIDENTIAL BLDG. CODE



BUILDING SECTION

SCALE 1/4"=1'-0"



GARAGE SLAB

SCALE: NTS

New Light
Residential Design, L.L.C.
919-880-1287

J&W CUSTOM HOMES DETACHED GARAGE 3516 PURNELL RD WAKE FOREST NC		SHEET 2 OF 2
DRAWN BY: JD	DATE: 7-14-21	PROJECT NO. 2117
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