

PLANS DESIGNED TO THE 2018 NORTH CAROLINA RESIDENTIAL CODE
 HOUSE DESIGNED FOR 100 MPH 3 SECOND GUST (80 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"

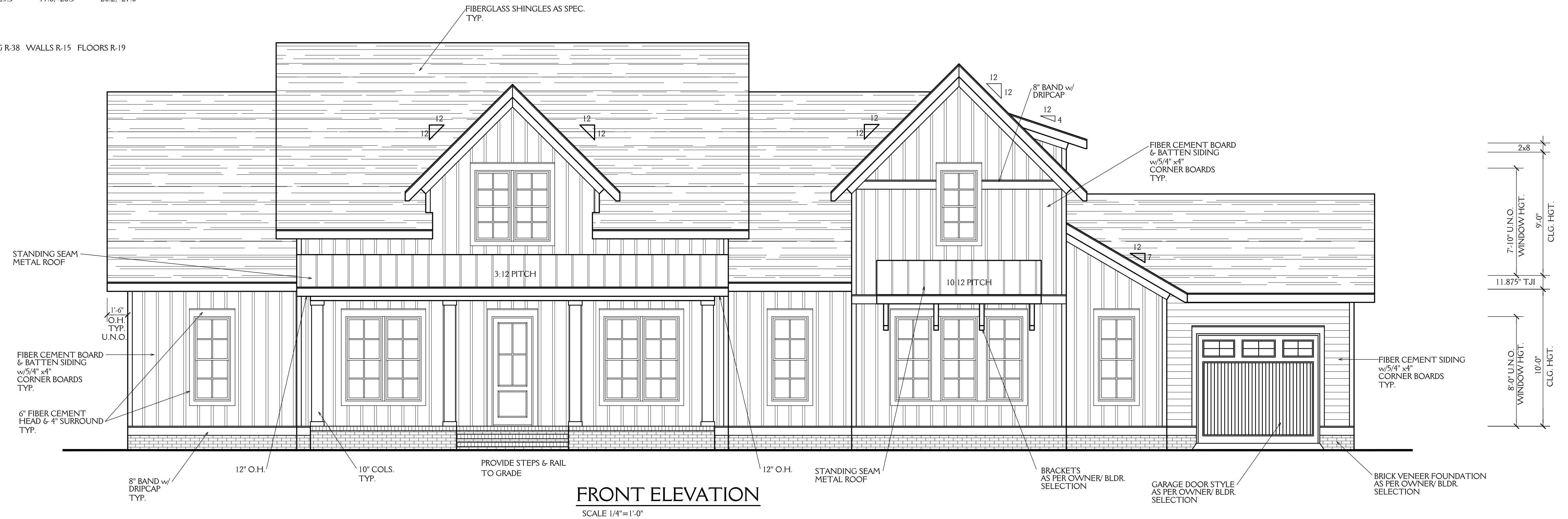
COMPONENT & CLADDING DESIGNED FOR THE FOLLOWING LOADS

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

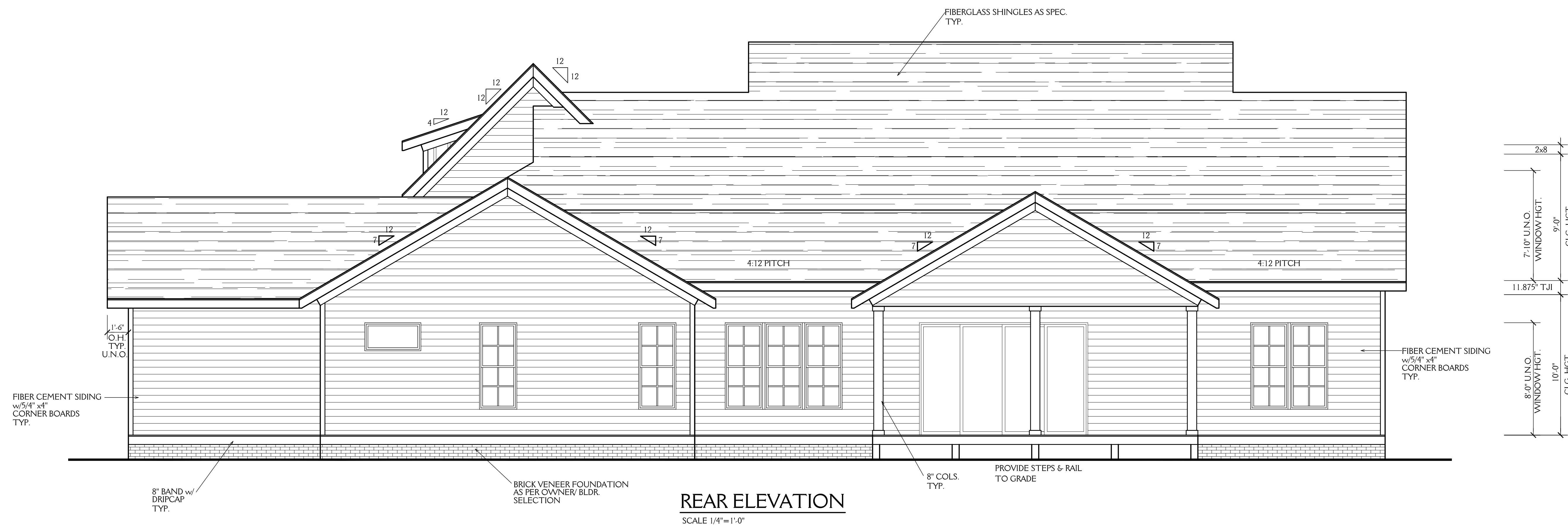
MINIMUM VALUES FOR ENERGY COMPLIANCE:
 ZONE 4 MAX GLAZING U-FACTOR = 0.32 CEILING R-38 WALLS R-15 FLOORS R-19

NOTE:

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FRONT ELEVATION
 SCALE 1/4"=1'-0"



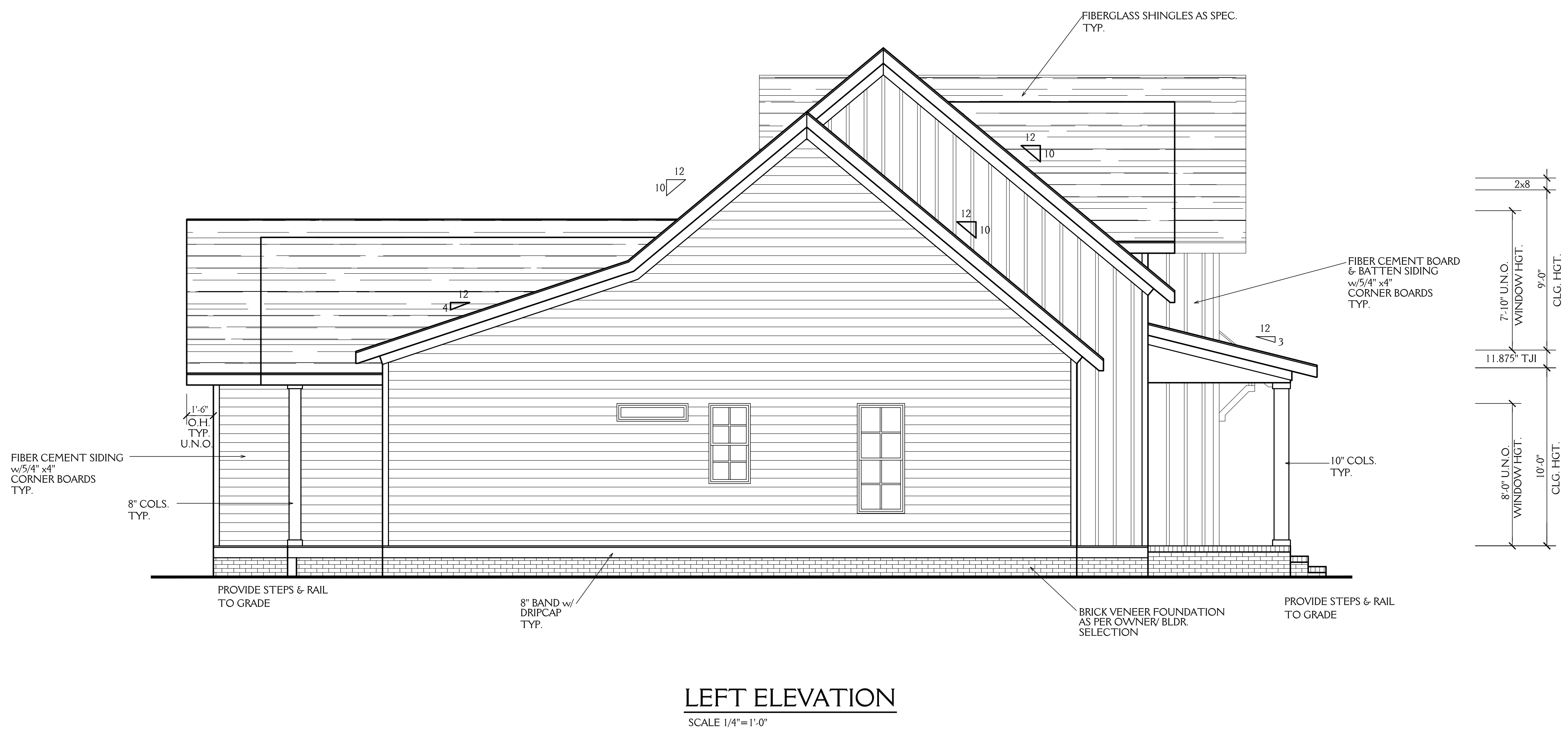
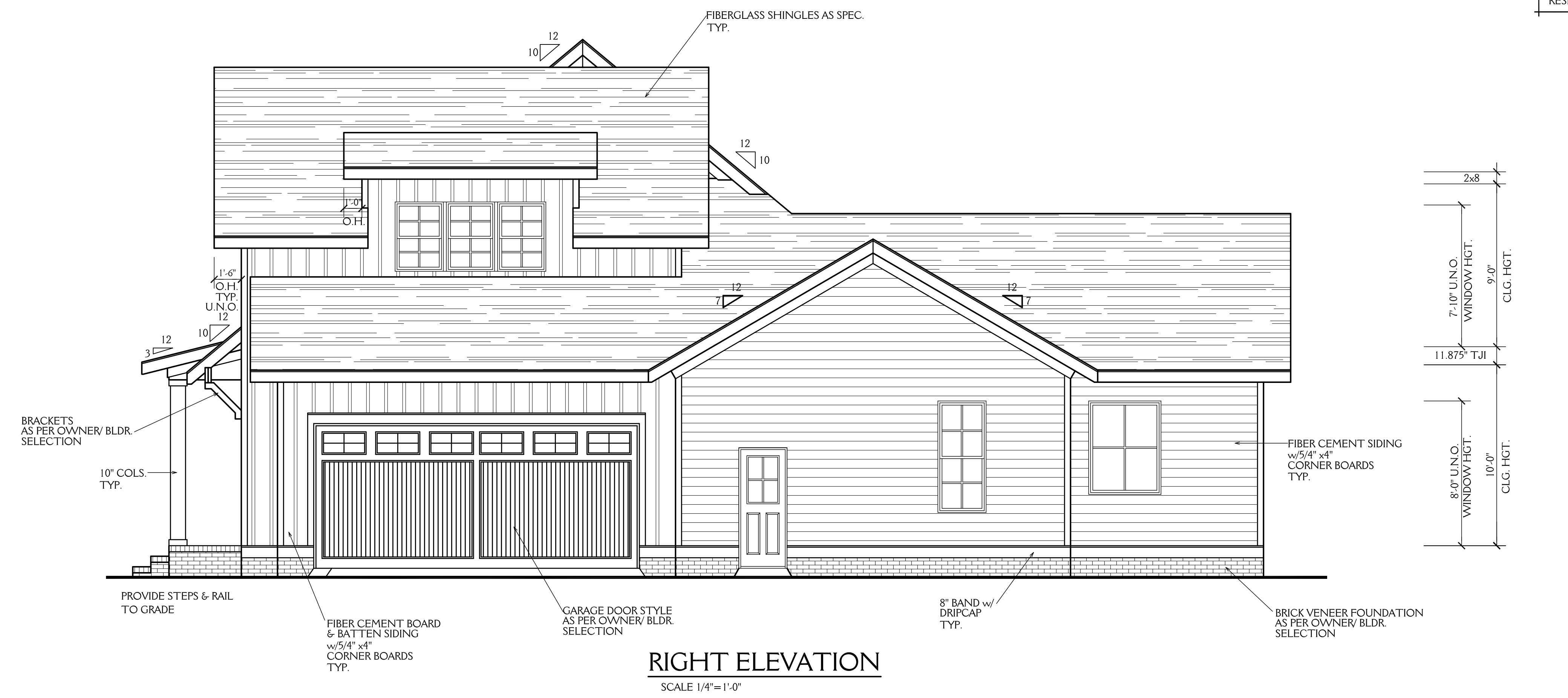
REAR ELEVATION
 SCALE 1/4"=1'-0"

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HORIZON CUSTOM BUILDERS LLC 110 MOUNTAIN LAUREL CHAPEL HILL NC 27517	
LOT 5 STONECREST AT NORWOOD	
DATE:	1-14-19
REVISIONS:	
SHEET 1 OF 6	

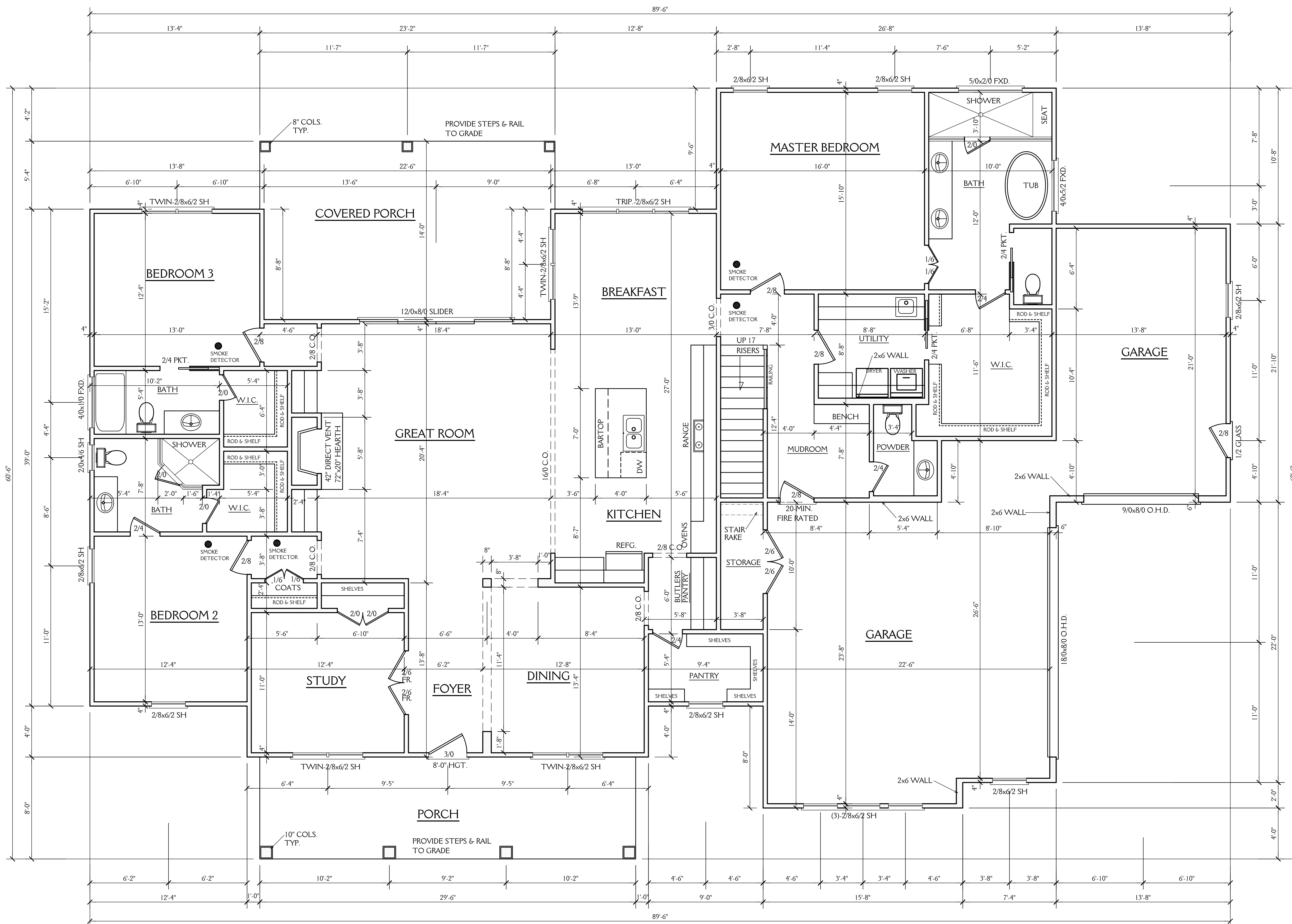
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HORIZON CUSTOM BUILDERS LLC 110 MOUNTAIN LAUREL CHAPEL HILL NC 27517	
LOT 5 STONECREST AT NORWOOD	SHEET 2 OF 6
DATE: 1-14-19	
REVISIONS:	



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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.
- 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 LESS AND SHGC OF .30 OR MORE.
- SEE CHAPTER 11 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL ENERGY CONSERVATION REQUIREMENTS
- SEE SECTION 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

ABBREVIATIONS

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

2699 SQ FT HTD (1ST FLOOR)	236 SQ FT (PORCH)
778 SQ FT HTD (2ND FLOOR)	319 SQ FT (COV. PORCH)
3477 SQ FT HTD TOTAL	911 SQ FT (GARAGE)
	1466 UNHEATED TOTAL

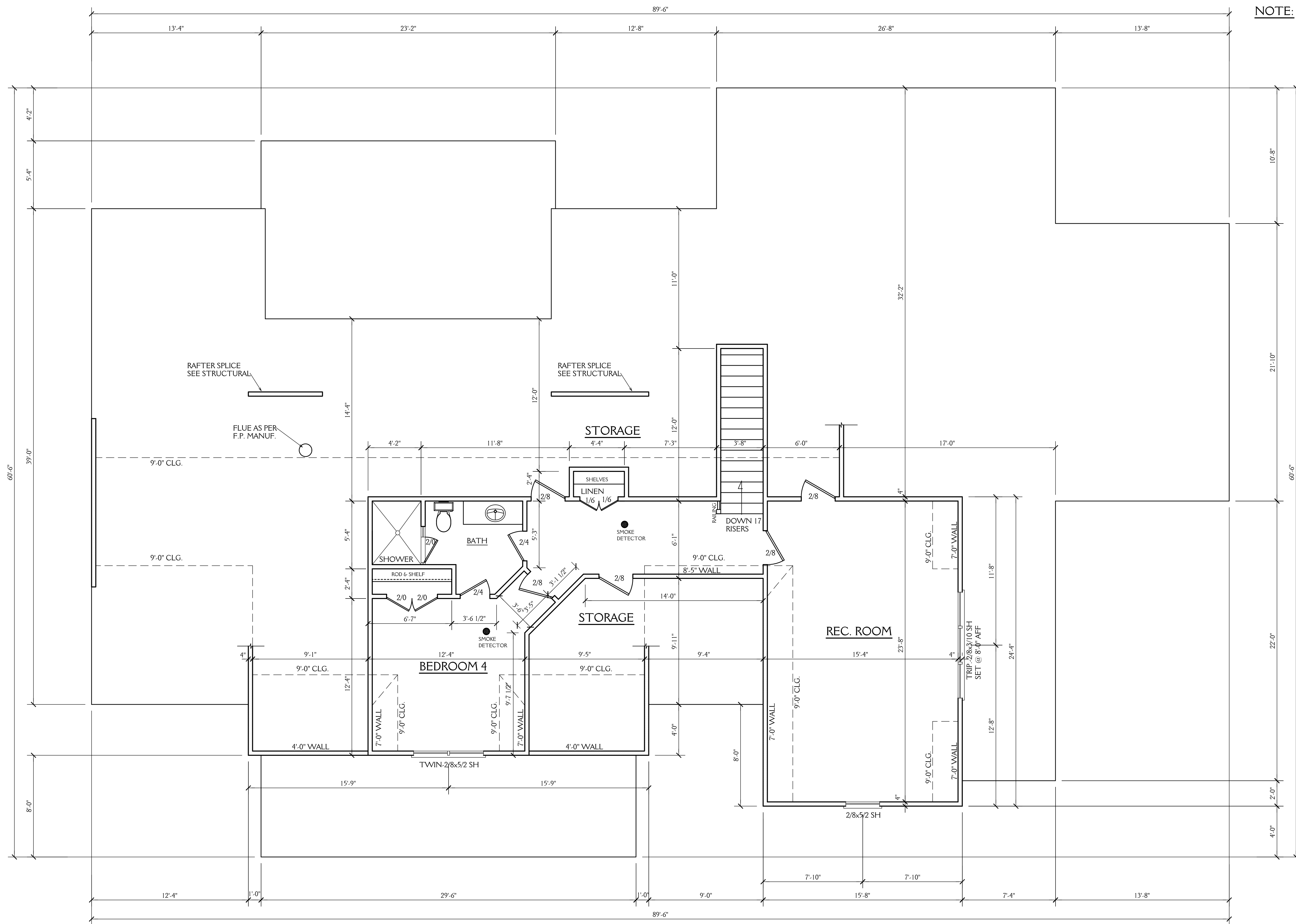
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HORIZON CUSTOM BUILDERS LLC
 110 MOUNTAIN LAUREL
 CHAPEL HILL NC 27517

LOT 5 STONECREST AT NORWOOD	
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FIRST FLOOR PLAN

SCALE 1/4"=1'-0"
 10'-0" CLG. HGT.
 SET WINDOWS AT 8'-0" AFF U.N.O.

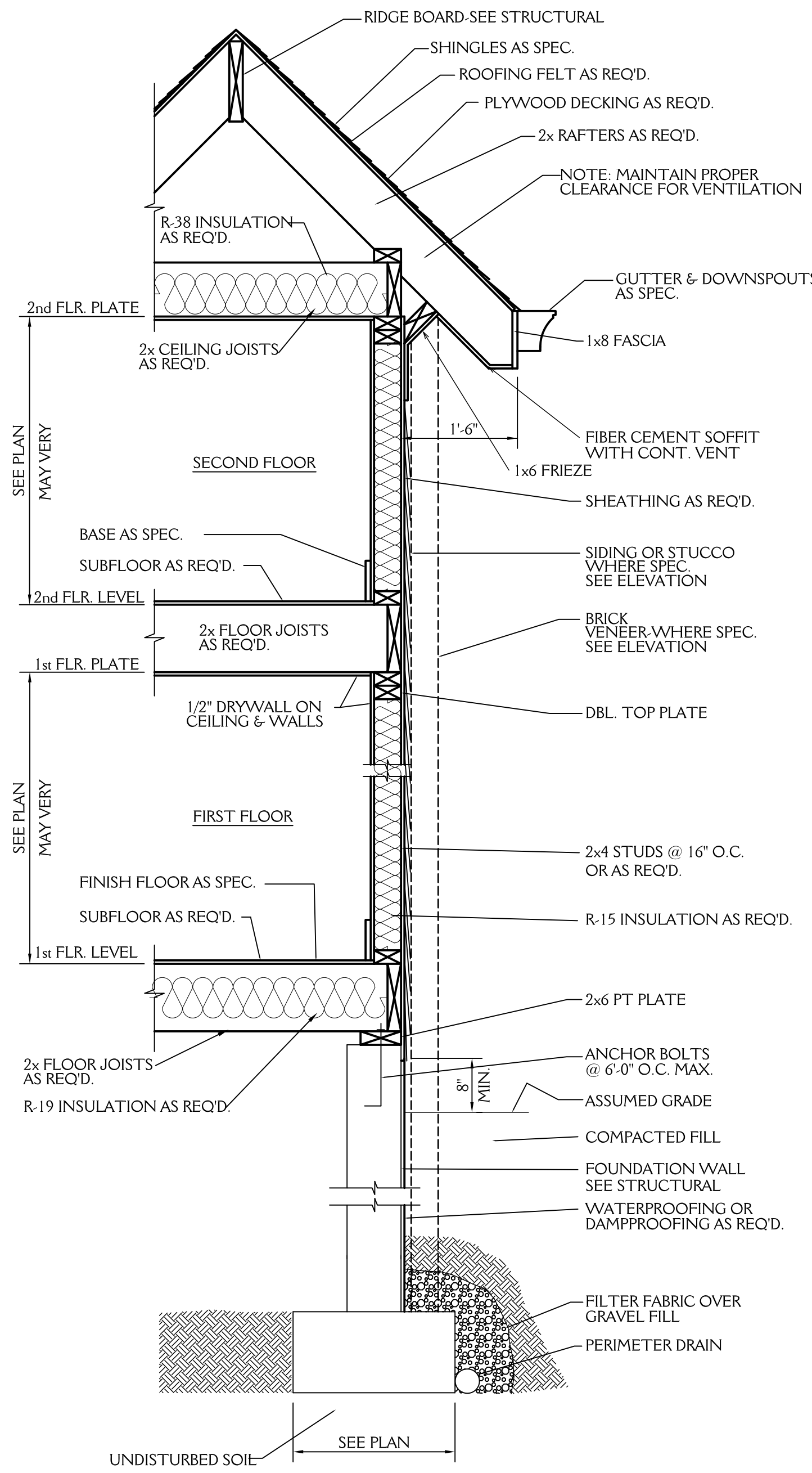


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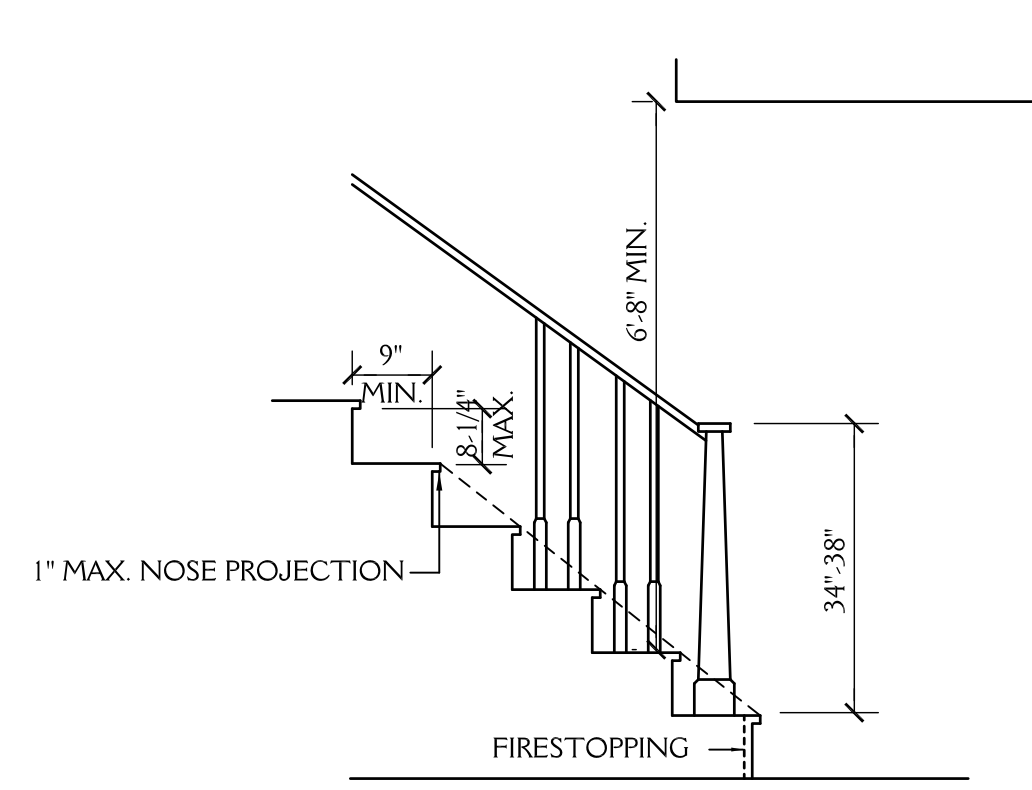
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HORIZON CUSTOM BUILDERS LLC 110 MOUNTAIN LAUREL CHAPEL HILL NC 27517	
LOT 5 STONECREST AT NORWOOD	SHEET 4 OF 6
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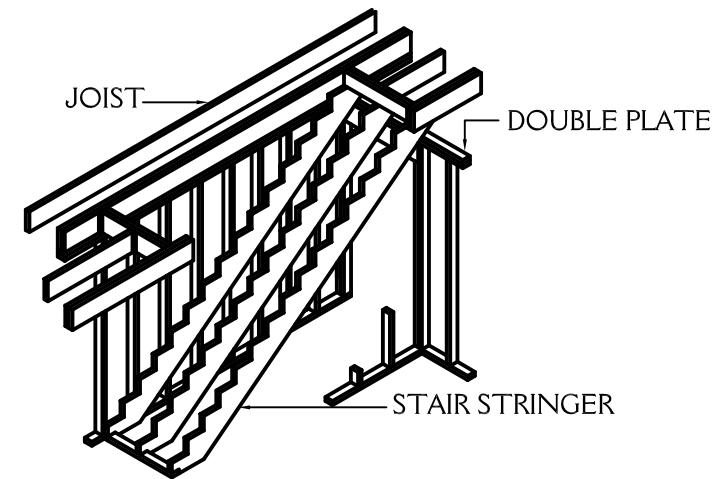
SECOND FLOOR PLAN
 SCALE 1/4"=1'-0"
 9'-0" CLG. HGT.
 SET WINDOWS AT 7'-10" AFF U.N.O.



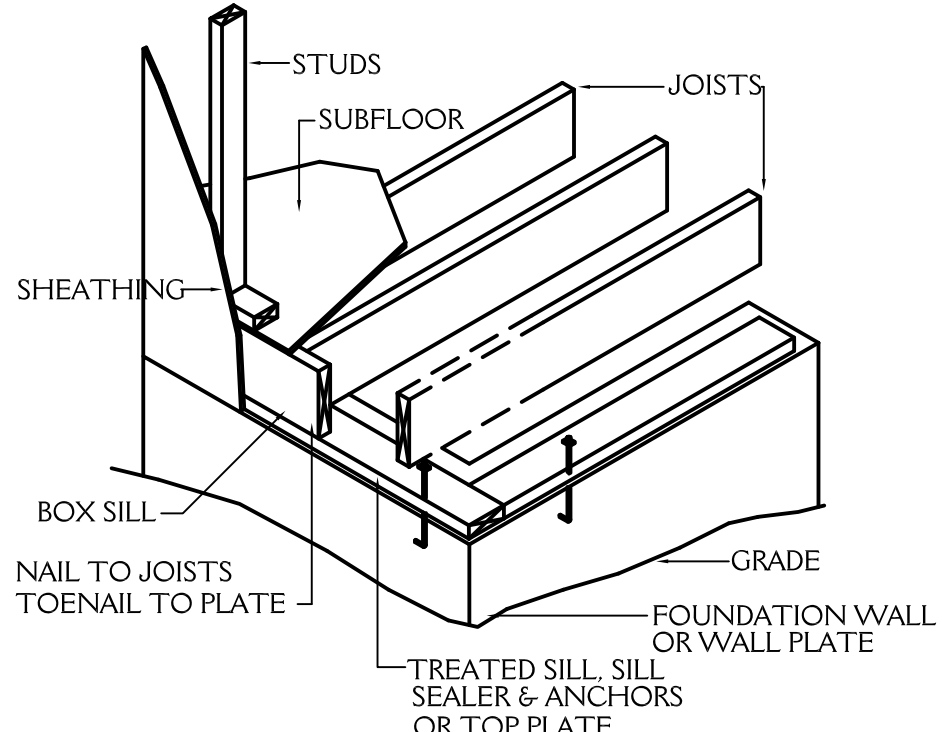
TYPICAL WALL SECTION
3/4" = 1'-0"



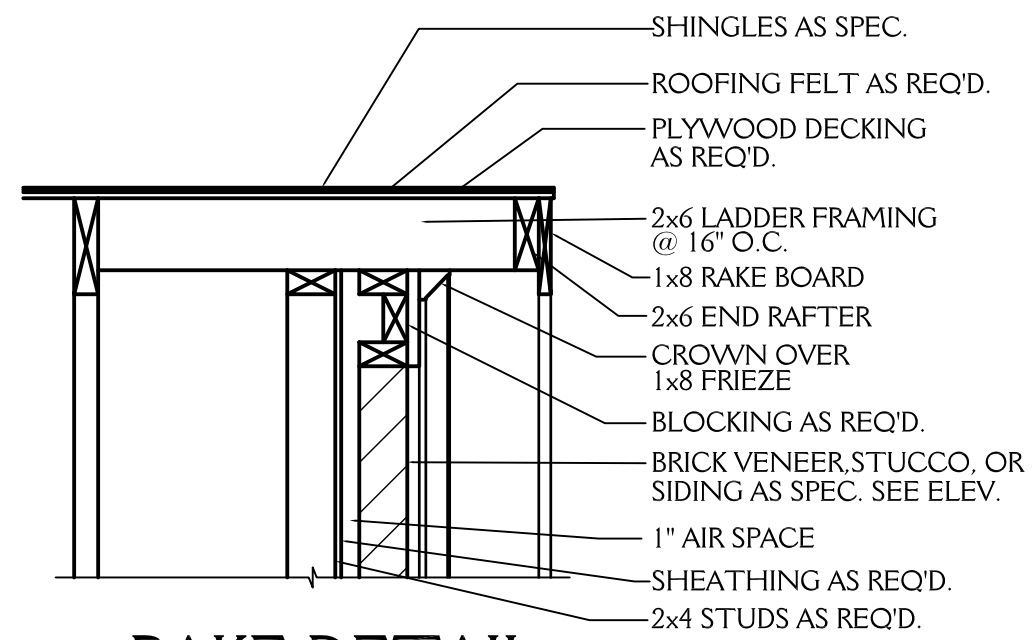
STAIR DETAIL
SCALE: NTS



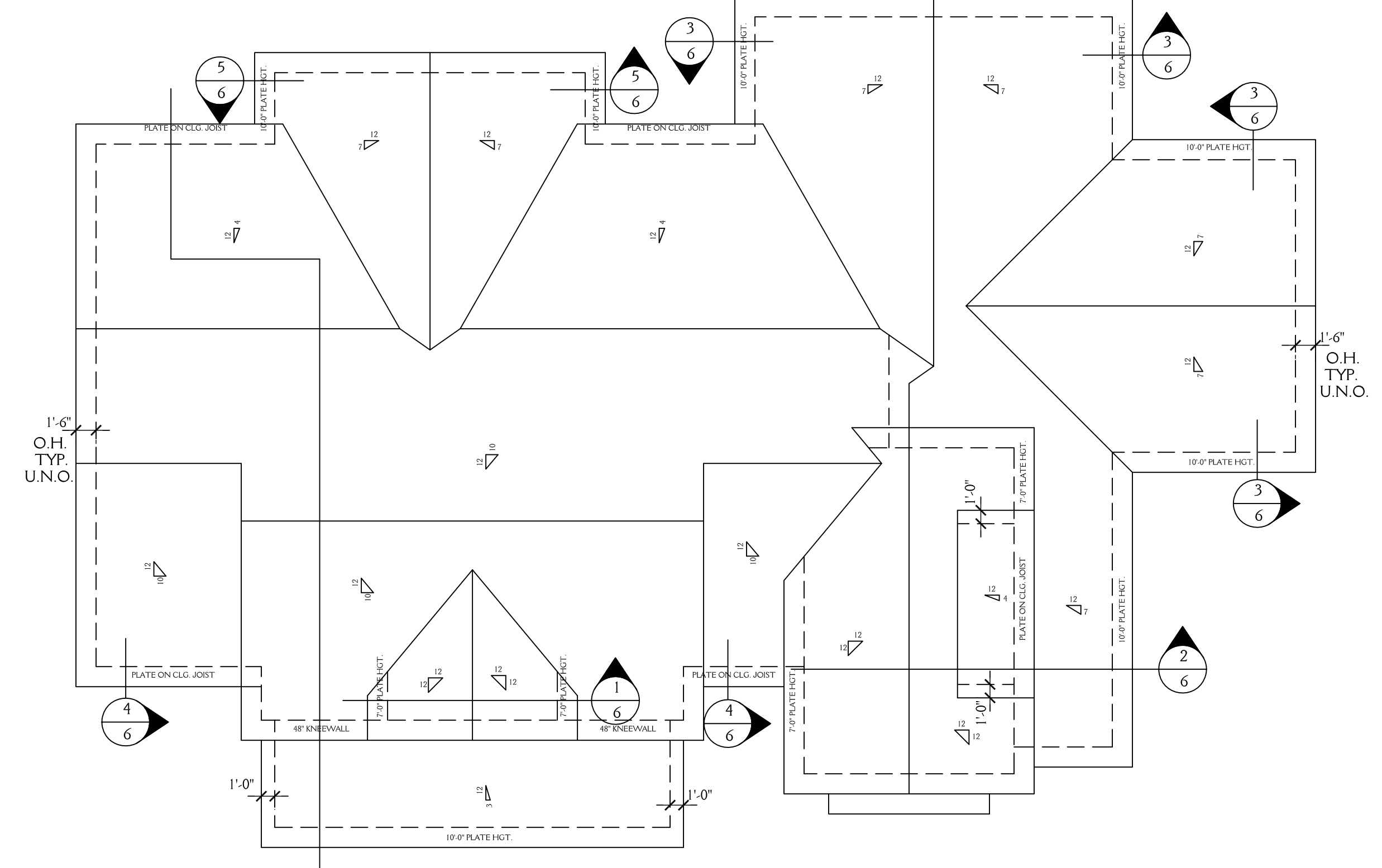
STAIRWAY FRAMING
NTS



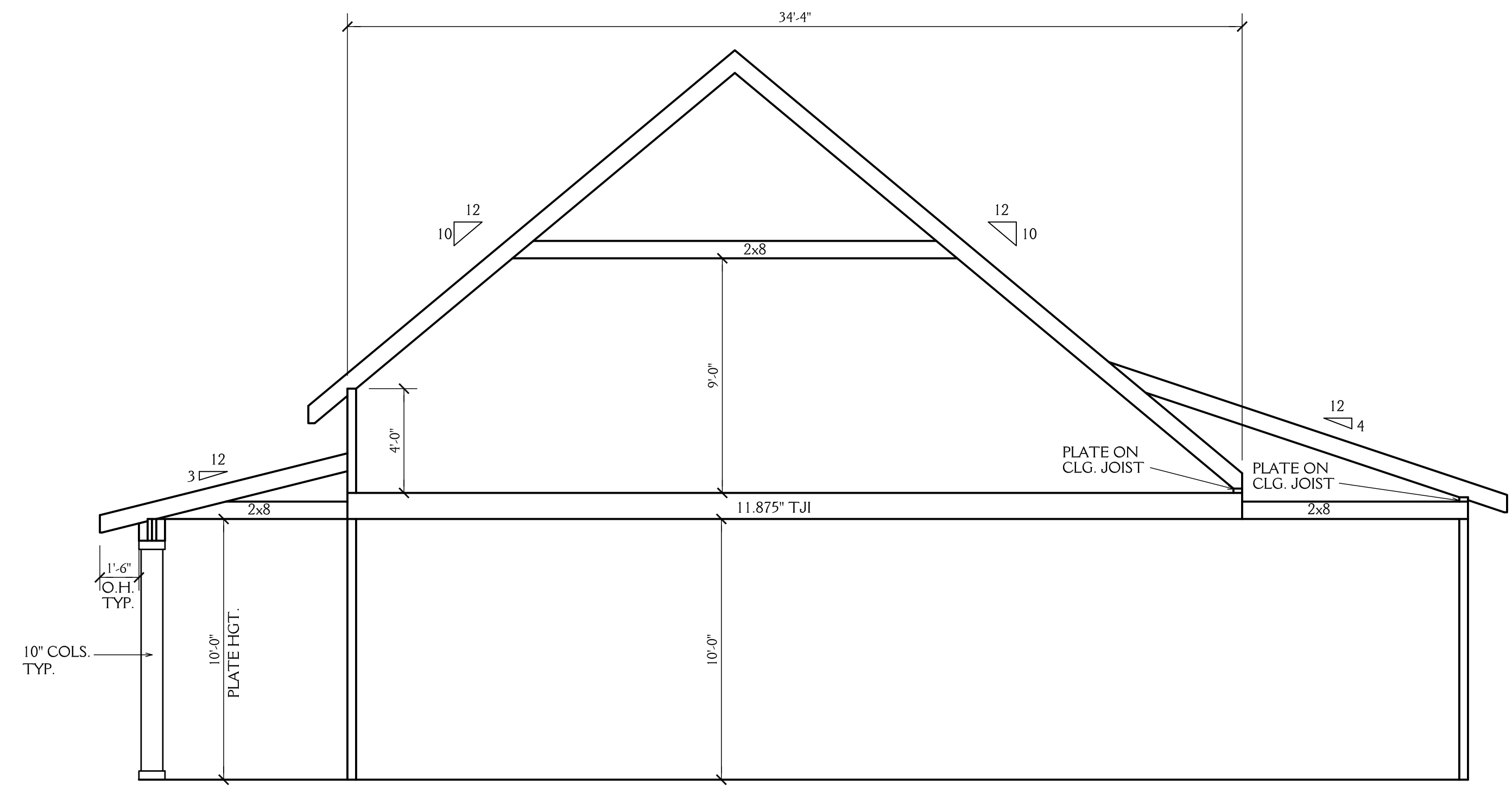
FLOOR FRAMING
NTS



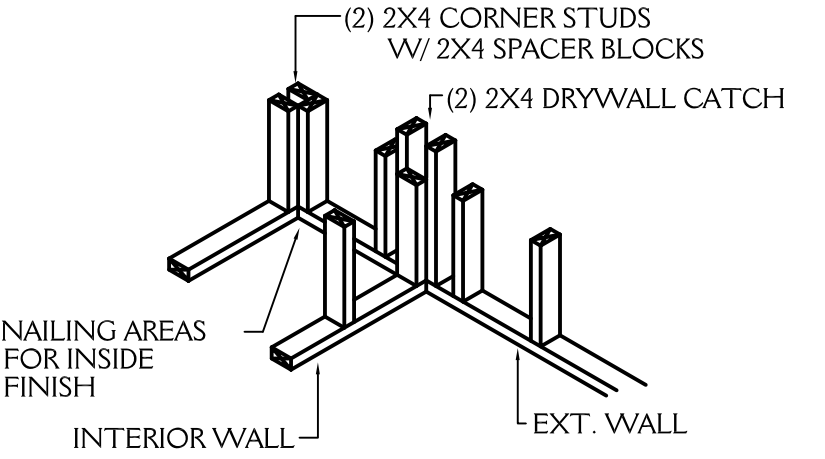
RAKE DETAIL
3/4" = 1'-0"



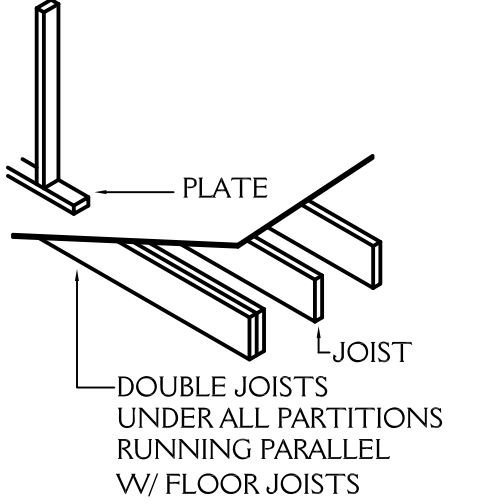
ROOF PLAN
SCALE 1/8" = 1'-0"



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



WALL INTERSECTION
NTS



PARALLEL PARTITION
NTS

ROOF VENT CALCS

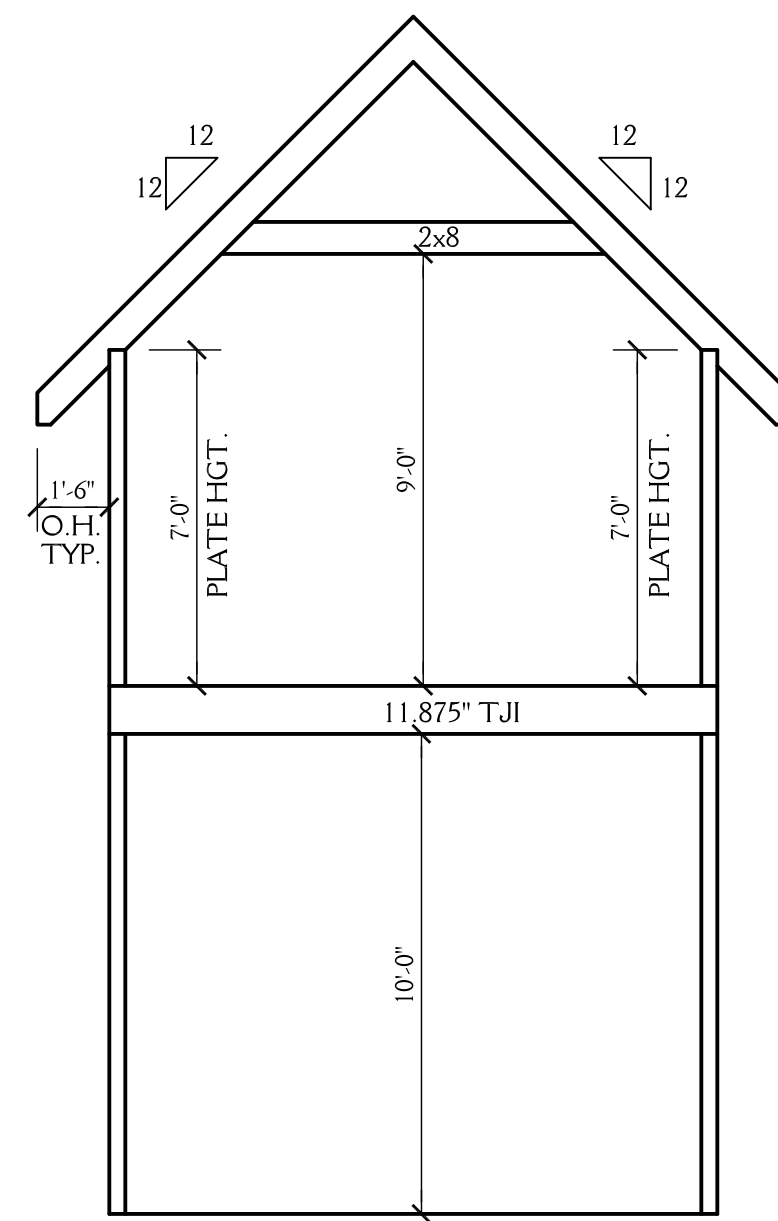
3928 SQ.FT. / 150 = 26.19 SQ.FT. REQ'D
BUILDER TO PROVIDE APPROPRIATE VENTILATION AS REQUIRED BY CODE
SEE SECTION R806 OF THE 2018 NC RESIDENTIAL BLDG. CODE

FND VENT CALCS

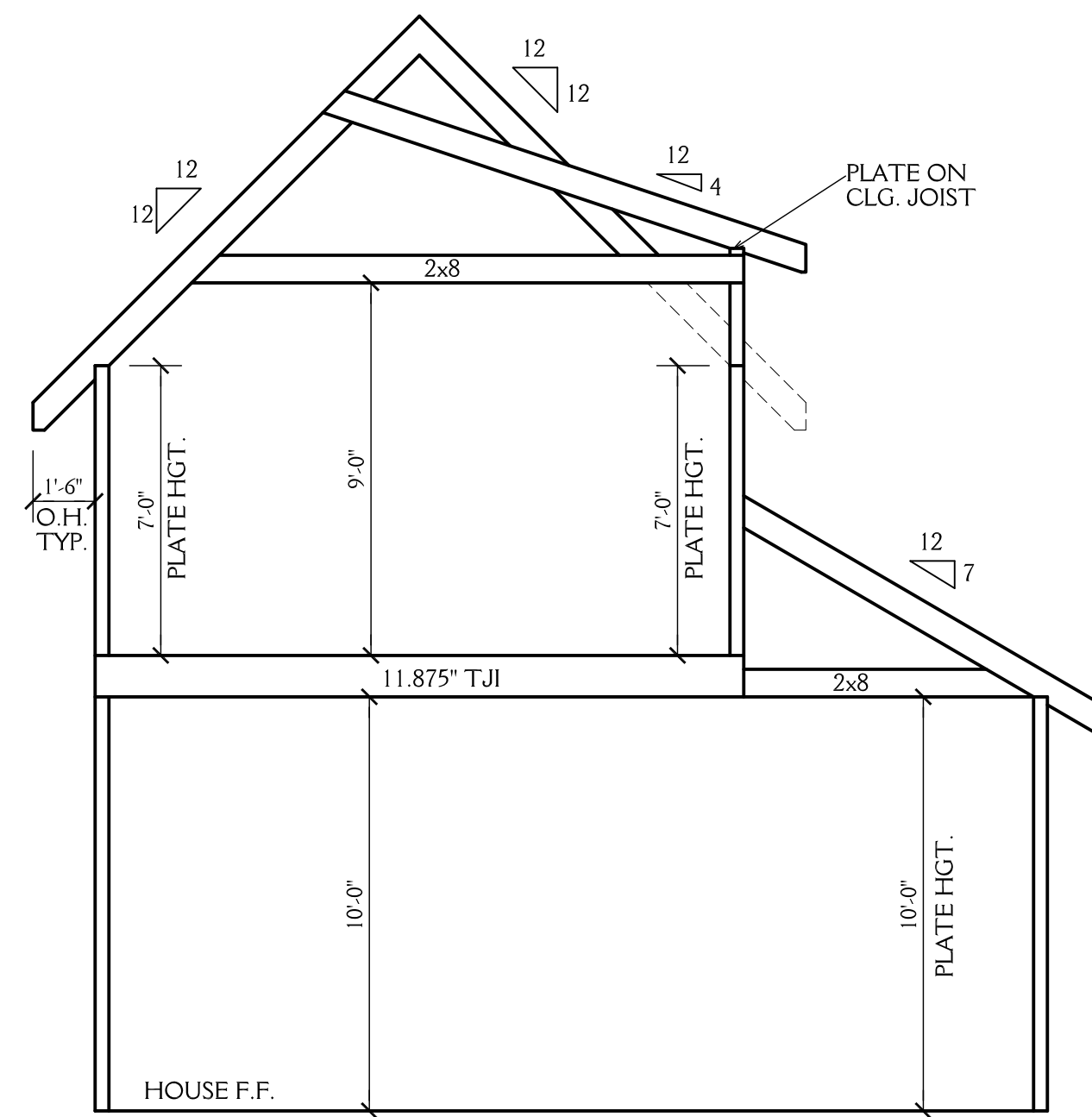
2513 SQ.FT. / 150 = 16.75 SQ.FT. REQ'D
BUILDER TO PROVIDE APPROPRIATE VENTILATION AS REQUIRED BY CODE
SEE SECTION R408 OF THE 2018 NC RESIDENTIAL BLDG. CODE

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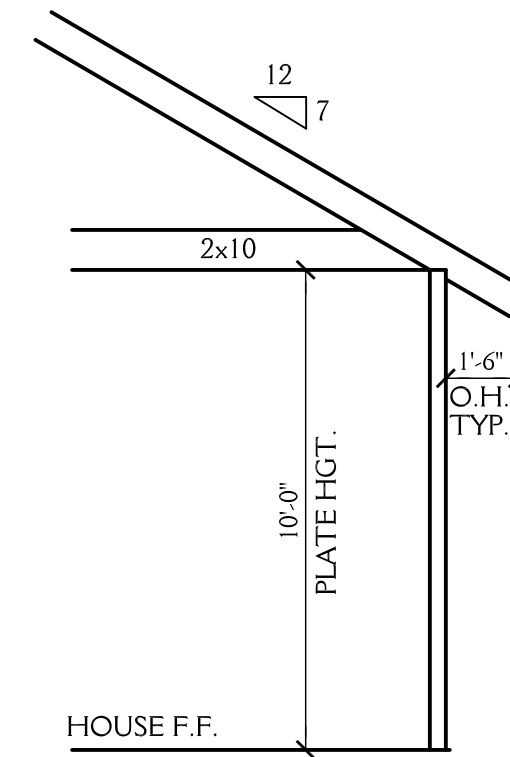
HORIZON CUSTOM BUILDERS LLC 110 MOUNTAIN LAUREL CHAPEL HILL NC 27517	
LOT 5 STONECREST AT NORWOOD	SHEET 5 OF 6
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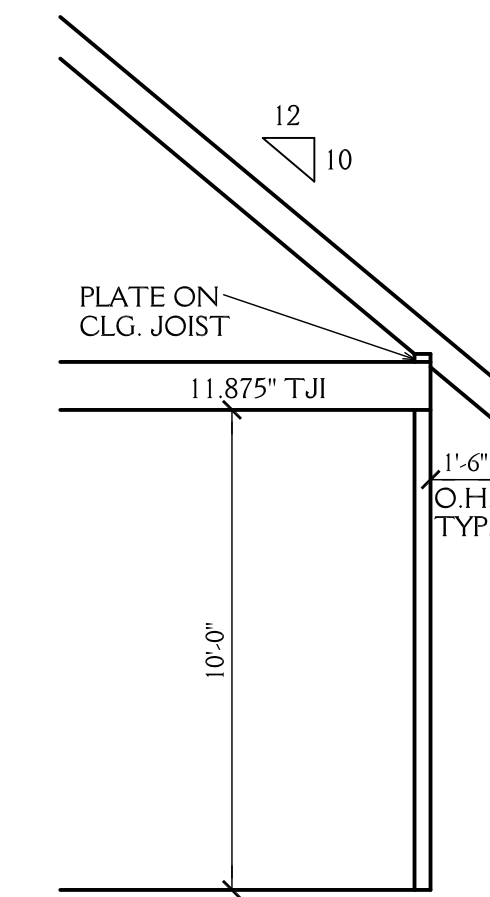
1
6 SCHEMATIC SECTION
SCALE 1/4"=1'-0"



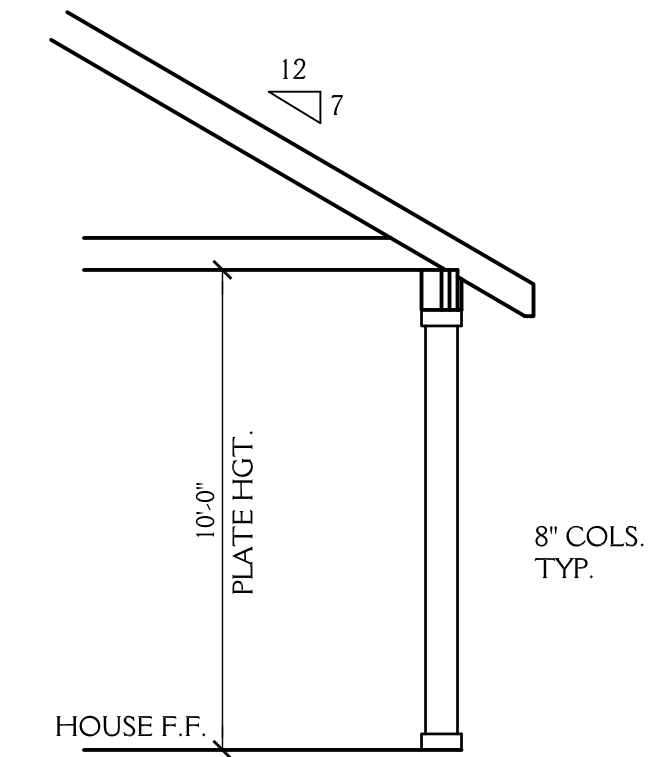
2
6 SCHEMATIC SECTION
SCALE 1/4"=1'-0"



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



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



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

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SHEET
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OF 6