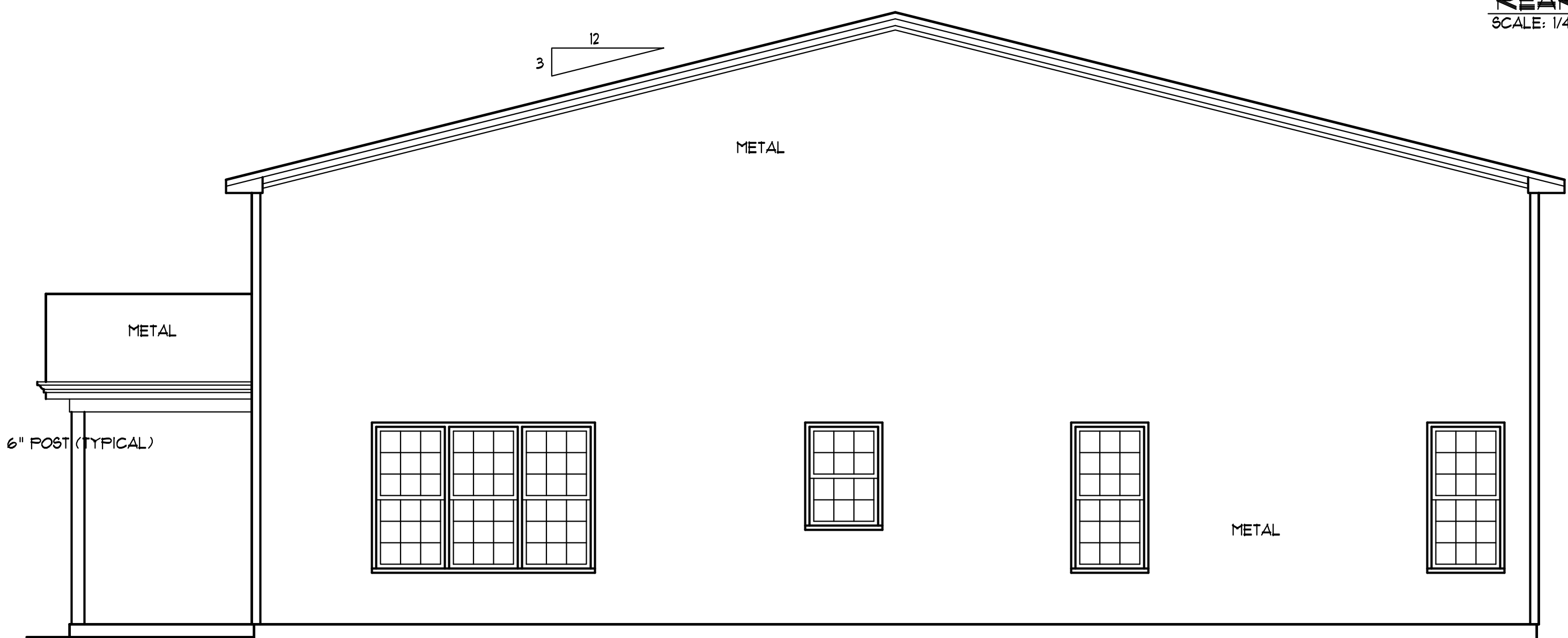
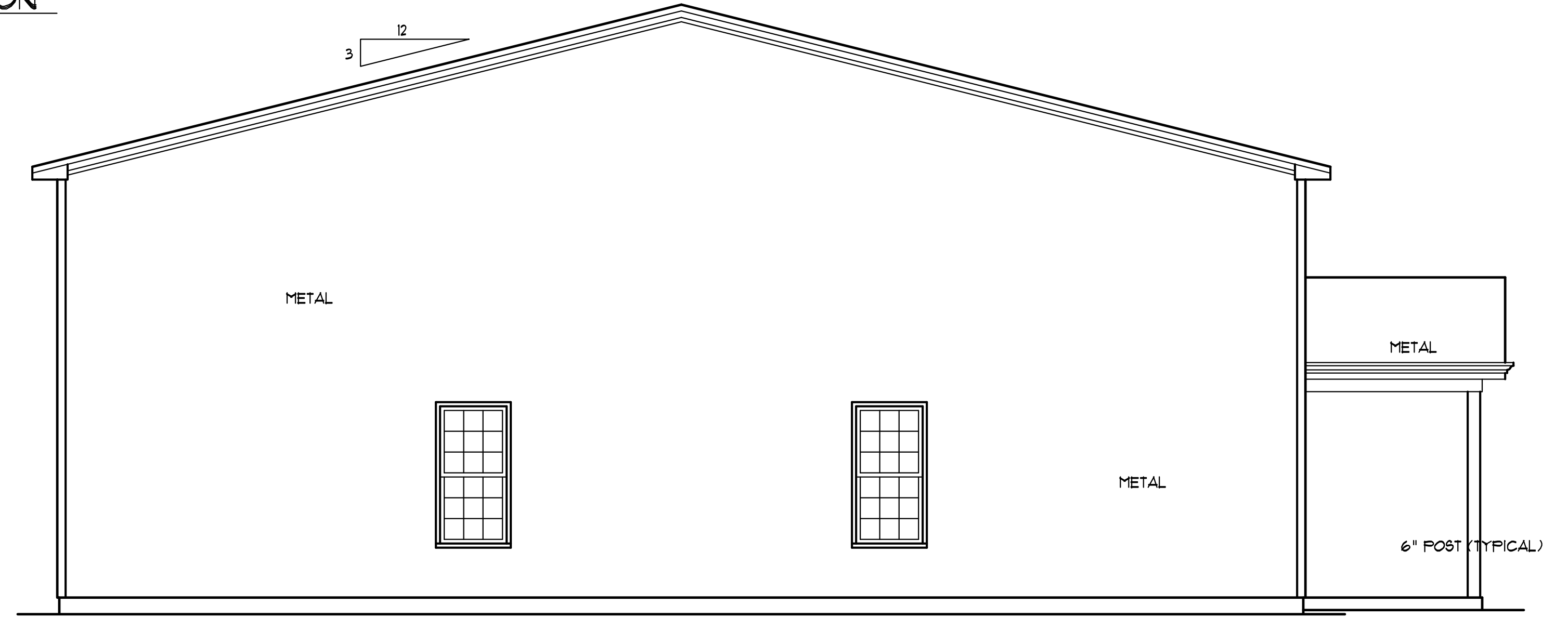


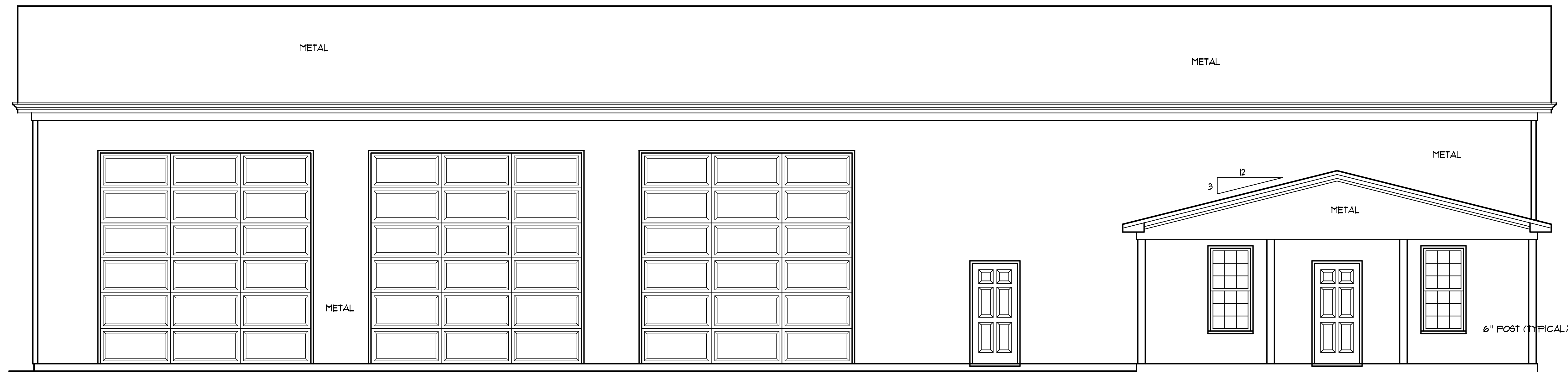
**REAR ELEVATION**  
SCALE: 1/4" = 1'-0"



**RIGHT SIDE ELEV**  
SCALE: 1/4" = 1'-0"



**LEFT SIDE ELEV**  
SCALE: 1/4" = 1'-0"



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

BUILDER SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT TIME OF CONSTRUCTION.

ALL CONSTRUCTION SHALL CONFORM TO THE 2018 EDITION OF THE NC STATE BUILDING CODE. CODES GOVERN OVER DRAWINGS. DIMENSIONS GOVERN OVER SCALE.

VERIFY ALL MECHANICAL REQUIREMENTS BEFORE FRAMING.

YUNCANNON DESIGNS DOES NOT ASSUME LIABILITY FOR ANY DEVIATION OF OR CONSTRUCTION METHODS OF THESE PLANS.

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1 = 1

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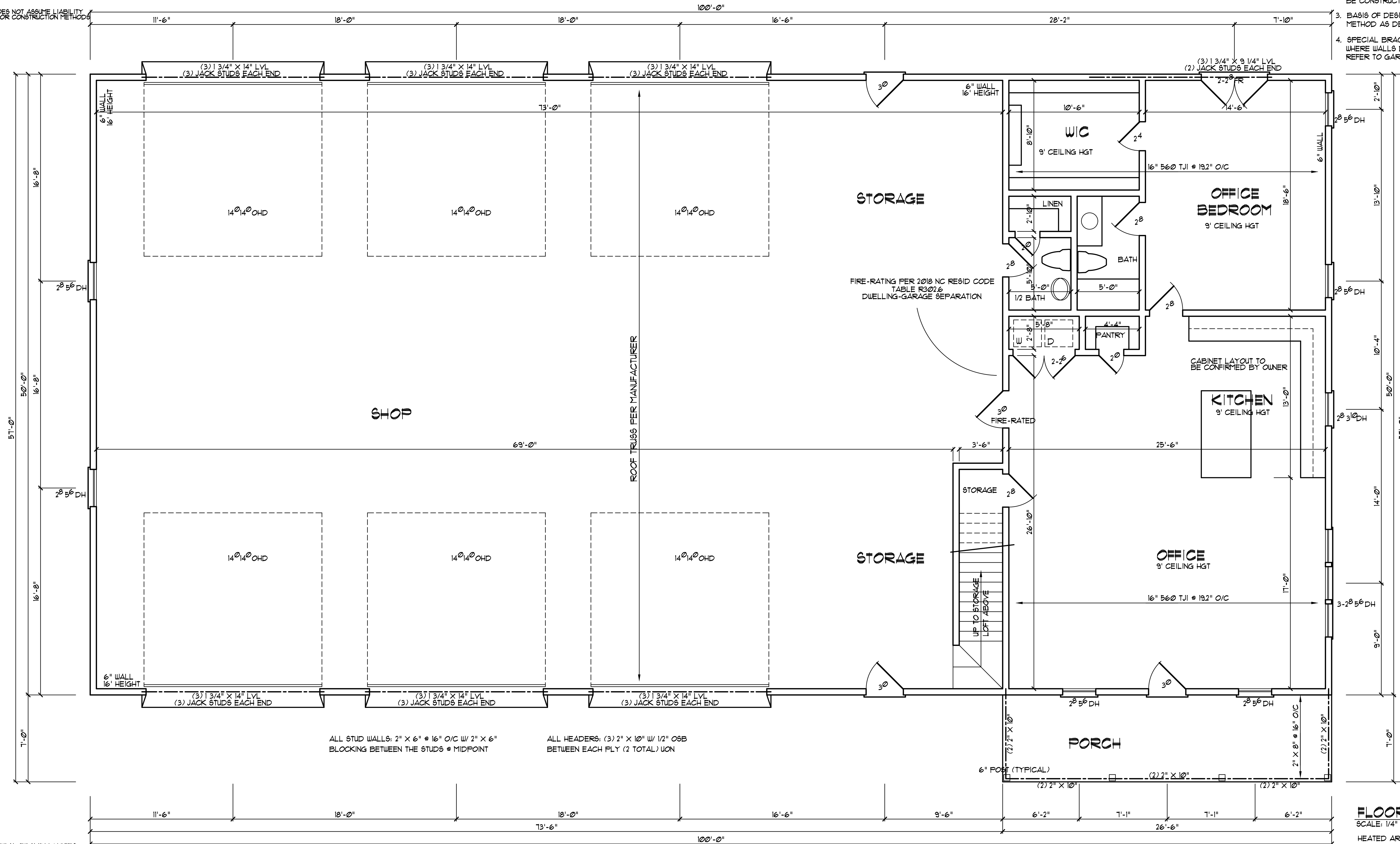
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**BRACED WALL NOTES:**

- BRACED WALLS ARE REQUIRED PER SECTION R602.10.1 2018 NCBC RESIDENTIAL CODE.
- THE EXTERIOR WALL STRUCTURE SHALL BE CONTINUOUSLY SHEATHED, FULL HEIGHT WITH MIN. THICKNESS 1/16" OSB. THESE WALLS SHALL BE CONSTRUCTED IN CONFORMANCE TO TYPE CS-WSP DETAILS.
- BASIS OF DESIGN FOR INTERIOR BRACE WALLS IS GYPSUM BOARD METHOD AS DETAILED PER CODE TABLE R602.10.2.
- SPECIAL BRACING DETAILS ARE ILLUSTRATED IN THE CODE AND ALLOWED WHERE WALLS DO NOT MEET THE MINIMUM REQUIREMENTS FOR SUPPORT. REFER TO GARAGE OPENING, PORTAL FRAMING DETAILS.



**FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

HEATED AREA: 1325 SQ FT  
SHOP AREA: 2615 SQ FT  
PORCH AREA: 186 SQ FT

**GENERAL FRAMING NOTES:**

- THIS PLAN DESIGNED IN ACCORDANCE WITH NC RESIDENTIAL CODE, 2018 EDITION.
- GLAZING AREAS SHOWN ON THESE DESIGN DRAWINGS DO NOT EXCEED 15% OF THE GROSS AREA OF THE EXTERIOR WALLS. THIS STRUCTURE MEETS THE REQUIREMENTS OF N1102.1, RESIDENTIAL BUILDING, TYPE A-1.
- WALL CLADDING IS DESIGNED FOR A 24" WSP OR GREATER POSITIVE/NEGATIVE PRESSURE.
- ALL WALLS, FLOORS AND CEILINGS SHALL BE INSULATED IN ACCORDANCE WITH PART IV, ENERGY CONSERVATION, CHAPTER II, ENERGY EFFICIENCY OF THE CODE FOR ZONE 1 (TABLE N1102.2).

DESIGN CRITERIA	DEAD	LIVE
PRIMARY FLOOR	10 PSF	40 PSF
SECONDARY FLOOR	10 PSF	40 PSF
SLEEPING AREAS	10 PSF	30 PSF
ATTIC	10 PSF	20 PSF
ROOF	10 PSF	20 PSF
WIND	120 MPH	
DEFLECTION LIMITS (LIVE LOAD ONLY)	FLOOR - L/360	ROOF - L/240

- ALL HEADERS IN LOAD BEARING WALLS SHALL BE DOUBLE 2X10.
  - ALL WALLS ARE 2X4 @ 16" O.C. UNLESS OTHERWISE NOTED.
  - FLOOR INSULATION = R-19, EXTERIOR = R-15 AND CEILING = R-38.
  - PROVIDE DOUBLE FLOOR JOISTS OR TRUSSES UNDER WALLS ABOVE.
- R602.15 SUPPORTS FOR HEADERS:**  
HEADERS SHALL BE SUPPORTED ON EACH END WITH ONE OR MORE JACK STUDS OR WITH APPROVED FRAMING ANCHORS IN ACCORDANCE WITH TABLE R602.1(1) OR R602.1(2). THE FULL-HEIGHT STUD ADJACENT TO EACH END OF THE HEADER SHALL BE END NAILED TO EACH END OF THE HEADER WITH FOUR-16D NAILS (3.5 INCHES X 0.135 INCHES). THE MINIMUM NUMBER OF FULL-HEIGHT STUDS AT EACH END OF A HEADER SHALL BE IN ACCORDANCE WITH TABLE R602.15.

TABLE R602.15  
MINIMUM NUMBER OF FULL-HEIGHT STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS

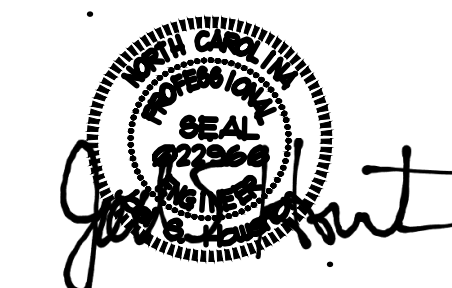
HEADER SPAN	MAXIMUM STUD SPACING (INCHES) PER TABLE R602.3(5)	
	16	24
LESS THAN/EQUAL TO 3'	1	1
4'	2	1
8'	3	2
12'	5	3
16'	6	4

WALL BRACING FOR THE GARAGE DOORS WILL BE DONE USING FRG METHOD IN ACCORDANCE WITH FIGURE 602.10.3.4 OF THE NORTH CAROLINA BUILDING CODE 2018 ED. FOR RESIDENCES.

**STRUCTURAL EVALUATION BY:**

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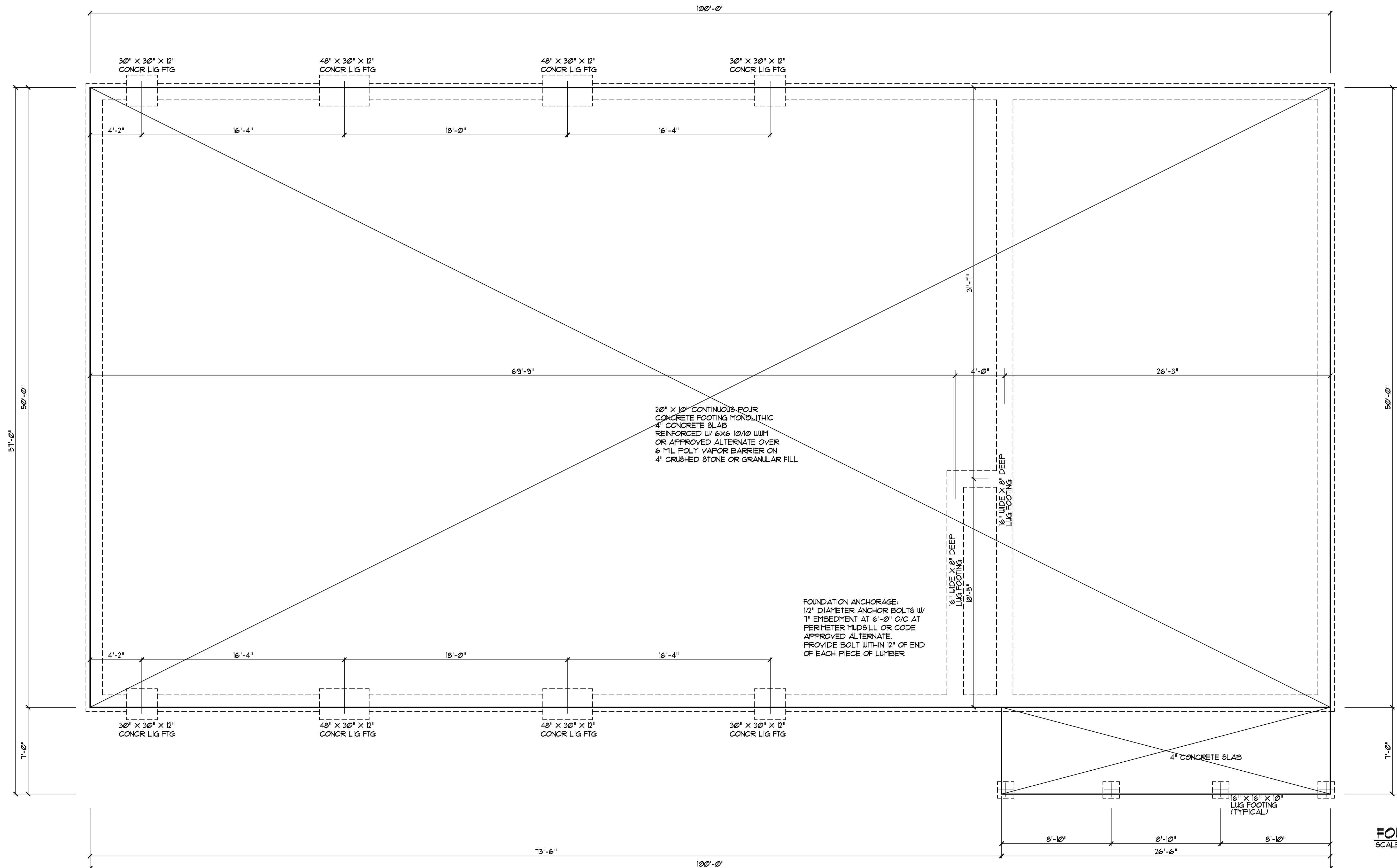
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A-2



20" X 10" CONTINUOUS FOUR  
CONCRETE FOOTING MONOLITHIC  
4" CONCRETE SLAB  
REINFORCED W/ 6X6 10/10 W/M  
OR APPROVED ALTERNATE OVER  
6 MIL POLY VAPOR BARRIER ON  
4" CRUSHED STONE OR GRANULAR FILL

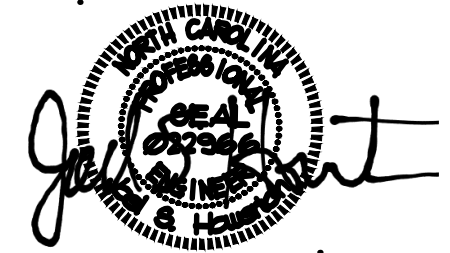
FOUNDATION ANCHORAGE:  
1/2" DIAMETER ANCHOR BOLTS W/  
1" EMBEDMENT AT 6'-0" O/C AT  
PERIMETER MUDSILL OR CODE  
APPROVED ALTERNATE.  
PROVIDE BOLT WITHIN 12" OF END  
OF EACH PIECE OF LUMBER

**FOUNDATION PLAN**  
SCALE: 1/4" = 1'-0"

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