

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.

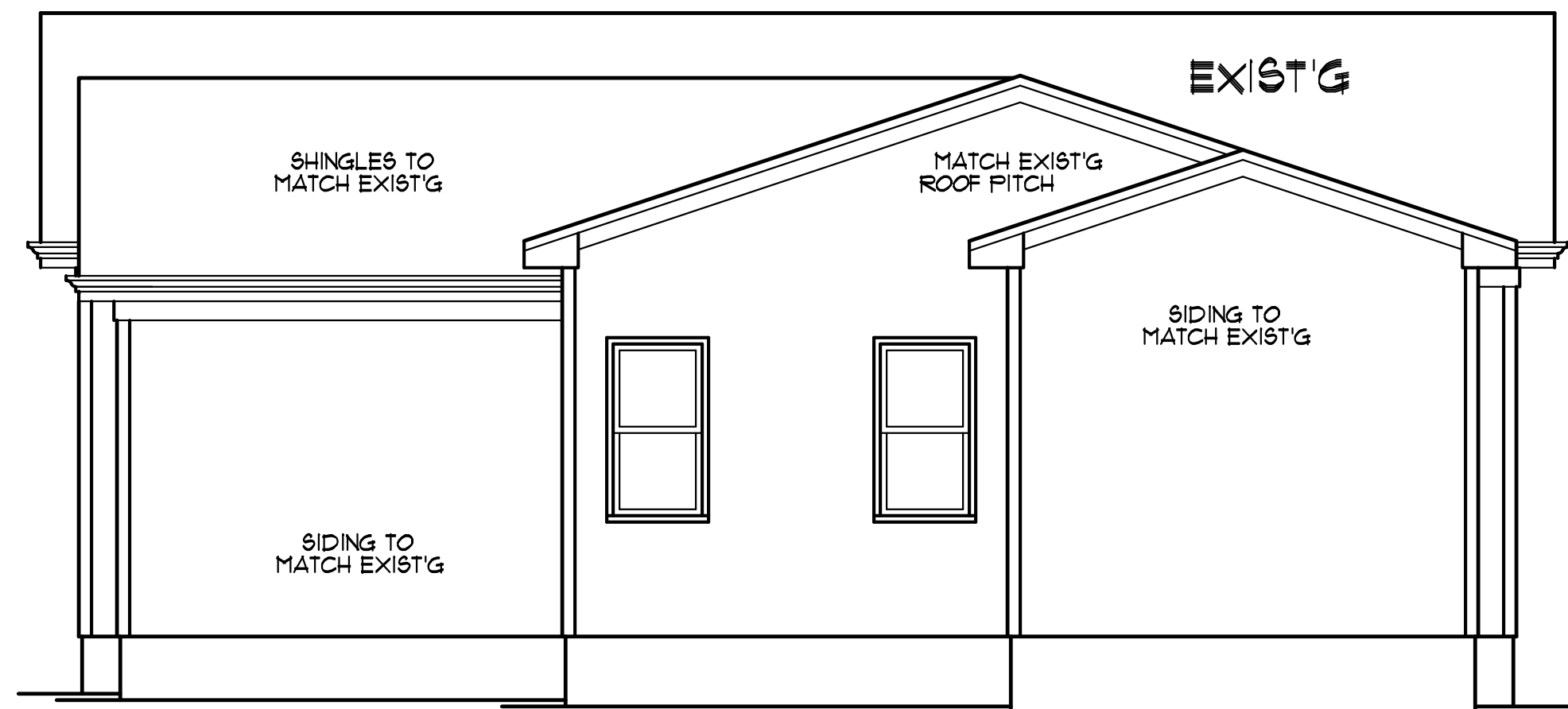
VERIFY ALL MECHANICAL REQUIREMENTS BEFORE FRAMING.

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

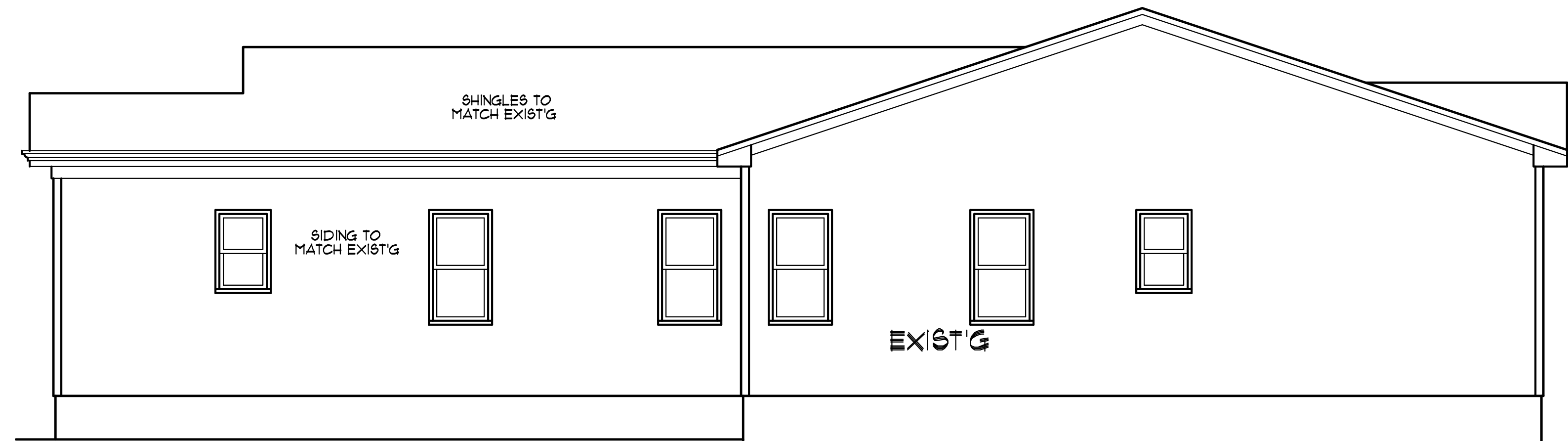
NOTICE TO CONTRACTOR
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

APPROVED
Unlimited building only review.
Permit holder responsible for full compliance with the code.

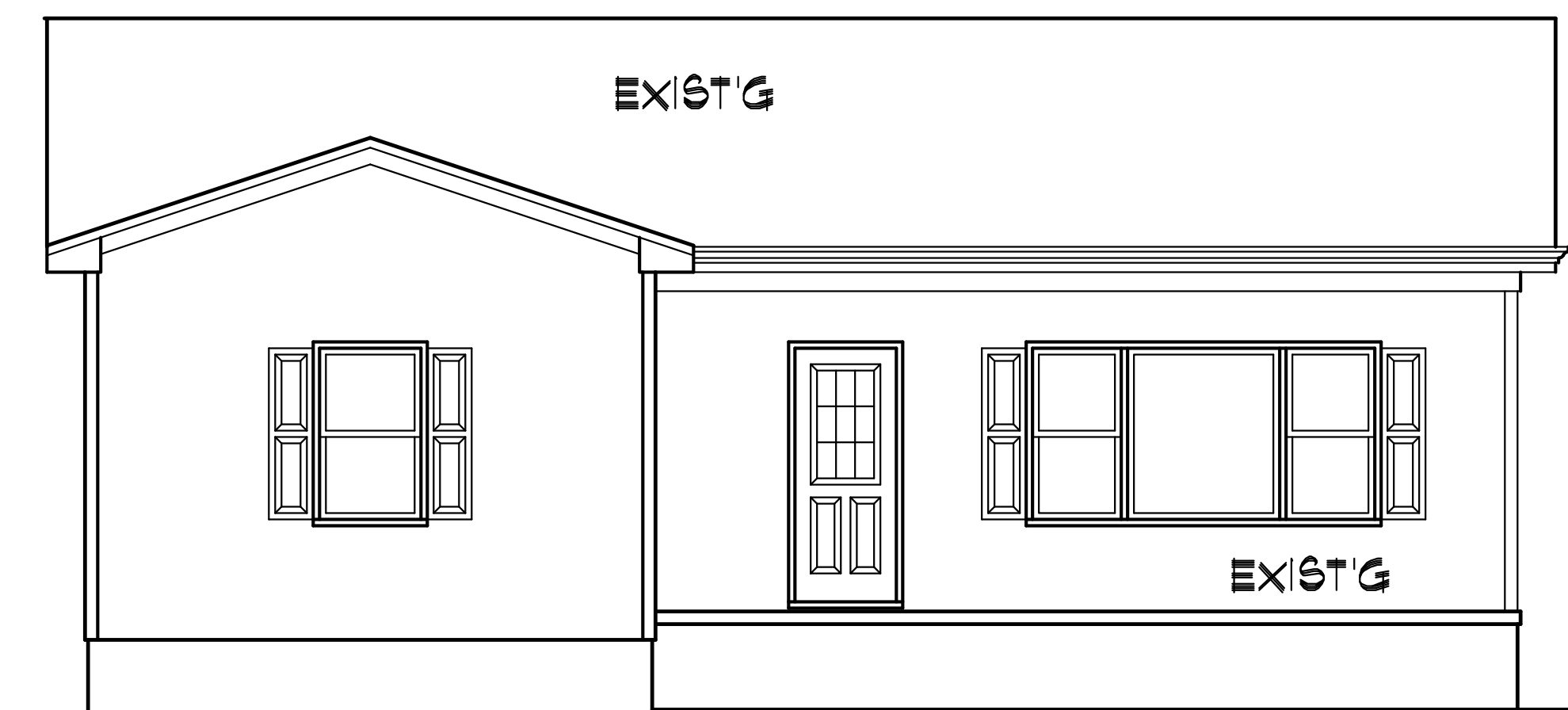
08/15/2022



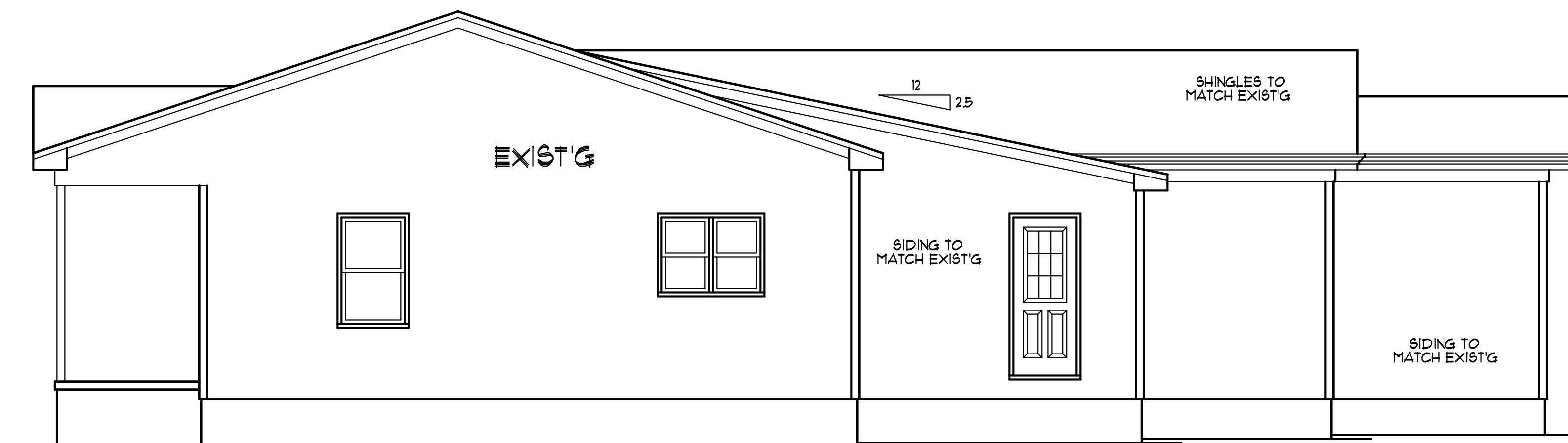
REAR ELEV
SCALE: 1/4" = 1'-0"



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



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



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

Joe/Rosa Avilez
5859 Christian Light Rd
Fuquay Varina, NC

YUNCANNON DESIGNS
CUSTOM HOME PLANS
FUQUAY-VARINA, NC • (919) 421-1314

DRAWN BY : WRY
CHK'D BY : WRY
DATE : 08/09/22
REVISIONS :

SHEET
1 = 1

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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 7/16" OSB. THESE WALLS SHALL BE CONSTRUCTED IN CONFORMANCE TO TYPE CS-WSP DETAILS.
- BASIS OF DESIGN FOR INTERIOR BRACE WALLS IS LIB (LET IN BRACING) 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.

CRAWL SPACE VENTILATION (IN ADDITION TO EXIST'G)

PROVIDE AT LEAST 10 SQ. FT. NET FREE VENTILATION AREA FOR EACH 150 SQ. FT. OF CRAWL SPACE

CRAWL SPACE AREA:
131 / 150 = 4.87 SQ. FT. REQ'D.

REDUCE REQUIRED AREA TO 10 SQ. FT. NET FREE VENTILATION AREA FOR EACH 1500 SQ. FT. OF CRAWL SPACE WITH APPROVED VAPOR BARRIER

PROVIDE (1) VENT WITHIN 3'-0" OF EACH CORNER

REFER TO MANUFACTURER SPECIFICATIONS FOR ACTUAL VENTS USED TO DETERMINE NUMBER OF VENTS REQUIRED

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

TYPICAL FOUNDATION WALL
8" MASONRY WALL
4" BRICK + 4" BLOCK
8" SOLID CAP
8" DEEP X 16" WIDE CONT. CONCRETE FOOTING

CRAWL ACCESS
22" HT X 36" W
LOCATE TO SUIT GRADE
(2) 2X10 HEADER

COLD JOINT TO EXISTING FOOTING
(2) #4 REBAR X 10" LONG AS DOUELS
5" EMBEDMENT IN EXISTING WALL FOOTING
SET IN EPOXY

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FOUNDATION NOTES

- SPECIFIC NOTES ON THE PLANS TAKE PRECEDENCE OVER THE FOLLOWING GENERAL NOTES. NOTED DIMENSIONS GOVERN OVER SCALE. PLAN DESIGNER AND CONTRACTOR ARE SOLELY RESPONSIBLE FOR DIMENSIONAL ACCURACY. ALL CONSTRUCTION TO COMPLY WITH NC STATE BUILDING CODE, VOL. VII WITH CURRENT REVISIONS.
- STRUCTURAL CONCRETE TO BE F'C=3000 PSI, PREPARED AND PLACED IN ACCORDANCE WITH ACI STANDARD 318.
- FOOTINGS TO BEAR ON UNDISTURBED EARTH, A MIN. OF 12" BELOW ADJACENT FINISHED GRADE OR AS OTHERWISE DIRECTED BY THE LOCAL INSPECTOR.
- FOOTING SIZES BASED ON A PRESUMPTIVE SOIL BEARING CAPACITY OF 2000 PSF. CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFYING THE SUITABILITY OF THE SITE SOIL CONDITIONS AT THE TIME OF CONSTRUCTION.
- FOOTINGS AND PIERS SHALL BE CENTERED UNDER THEIR RESPECTIVE ELEMENTS. PROVIDE 3" MIN. FOOTING PROJECTION FROM FACE OF MASONRY.
- MAXIMUM DEPTH OF UNBALANCED FILL AGAINST MASONRY WALLS TO BE AS SPECIFIED IN VOLUME VII, SECTION R-304.3 OF THE NC STATE CODE.
- PILASTERS TO BE BONDED TO PERIMETER FOUNDATION WALL.
- PROVIDE FOUNDATION WATERPROOFING AND DRAIN WITH POSITIVE SLOPE TO OUTLET AS REQUIRED BY SITE CONDITIONS.
- PROVIDE PERIMETER INSULATION WITH BASEMENT SLABS.
- CORBEL FOUNDATION WALL AS REQUIRED TO ACCOMMODATE BRICK VENEER.
- CRAWL SPACE TO BE GRADED LEVEL AND CLEAR OF ALL DEBRIS.

ALLOWABLE PIER HEIGHTS		
SIZE	HOLLOW	SOLID
8"X16"	2'-8"	5'-0"
12"X16"	4'-0"	8'-0"
16"X16"	5'-4"	12'-0"
24"X24"	8'-0"	

FOOTINGS 30"X30"X10" MINIMUM, UNLESS NOTED OTHERWISE OTHERWISE

FRAMING NOTES

- ALL FRAMING LUMBER OFF 1/2 GRADE (NLGA) OR BETTER, UNLESS NOTED.
- JOIST SIZE AND SPACING BASED ON CODE MINIMUMS. BUILDER SHOULD CONSIDER STIFFENING FLOOR SYSTEM IN LONG SPAN AREAS, TO REDUCE FLOOR FLEXIBILITY.
- PROVIDE DOUBLE JOIST UNDER WALLS PARALLEL TO JOIST DIRECTION.
- PROVIDE SOLID BLOCKING BETWEEN ALL POINT LOADS AND TOP OF GIRDER, PIER OR FOUNDATION WALL.

NOTE

- USE 2X10'S AT 16" O.C. #2 S.P.F. MINIMUM SPECIFIED (U.O.N.)
- JOISTS DIRECTION DESIGNATED BY
- DOUBLE ALL JOIST PARALLEL TO WALLS ABOVE.
- GIRDERS TO BE (3/2X10'S #2 S.P.F. MINIMUM (U.O.N.)
- MINIMUM CRAWL SPACE ACCESS TO BE 22" HEIGHT X 36" WIDTH.
- FOUNDATION WALL AND PIER CAPS TO BE MINIMUM 8" SOLID.
- FOOTING UNDER MASONRY FIREPLACE TO BE 12" THICK AND EXTEND 12" BEYOND.

VERIFY ALL WINDOW SIZES MEET MINIMUM STANDARDS FOR LIGHT, VENTILATION AND EGRESS.

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

NEW WALLS
EXISTING WALLS
EXISTING WALLS TO BE REMOVED

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

EXISTING HEATED AREA: 1138 SQ. FT.
PROPOSED HEATED AREA: 131 SQ. FT.
FRONT PORCH AREA: 136 SQ. FT.

NOTE:
FIELD VERIFY ALL DIMENSIONS

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SHEET
A-2

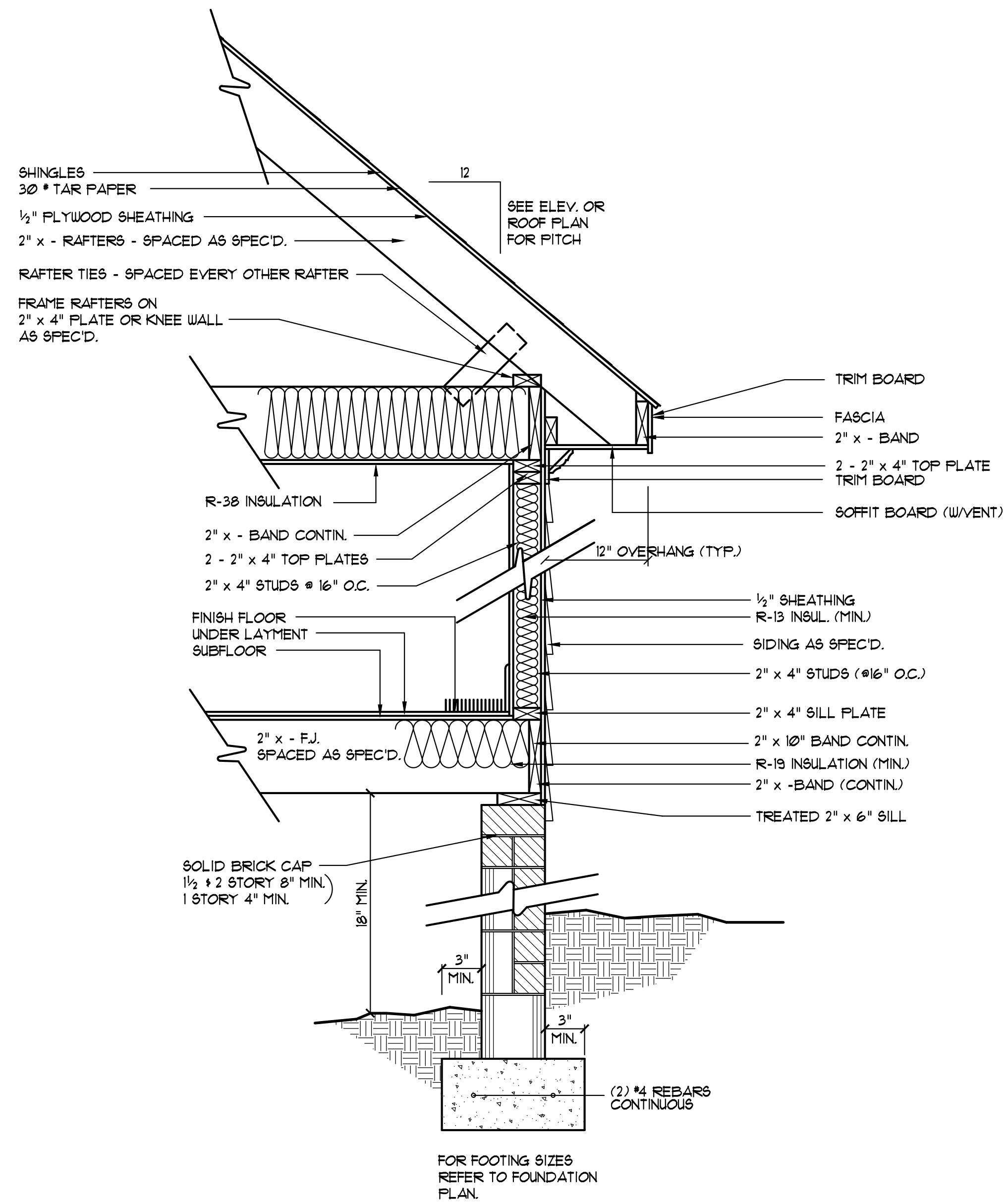
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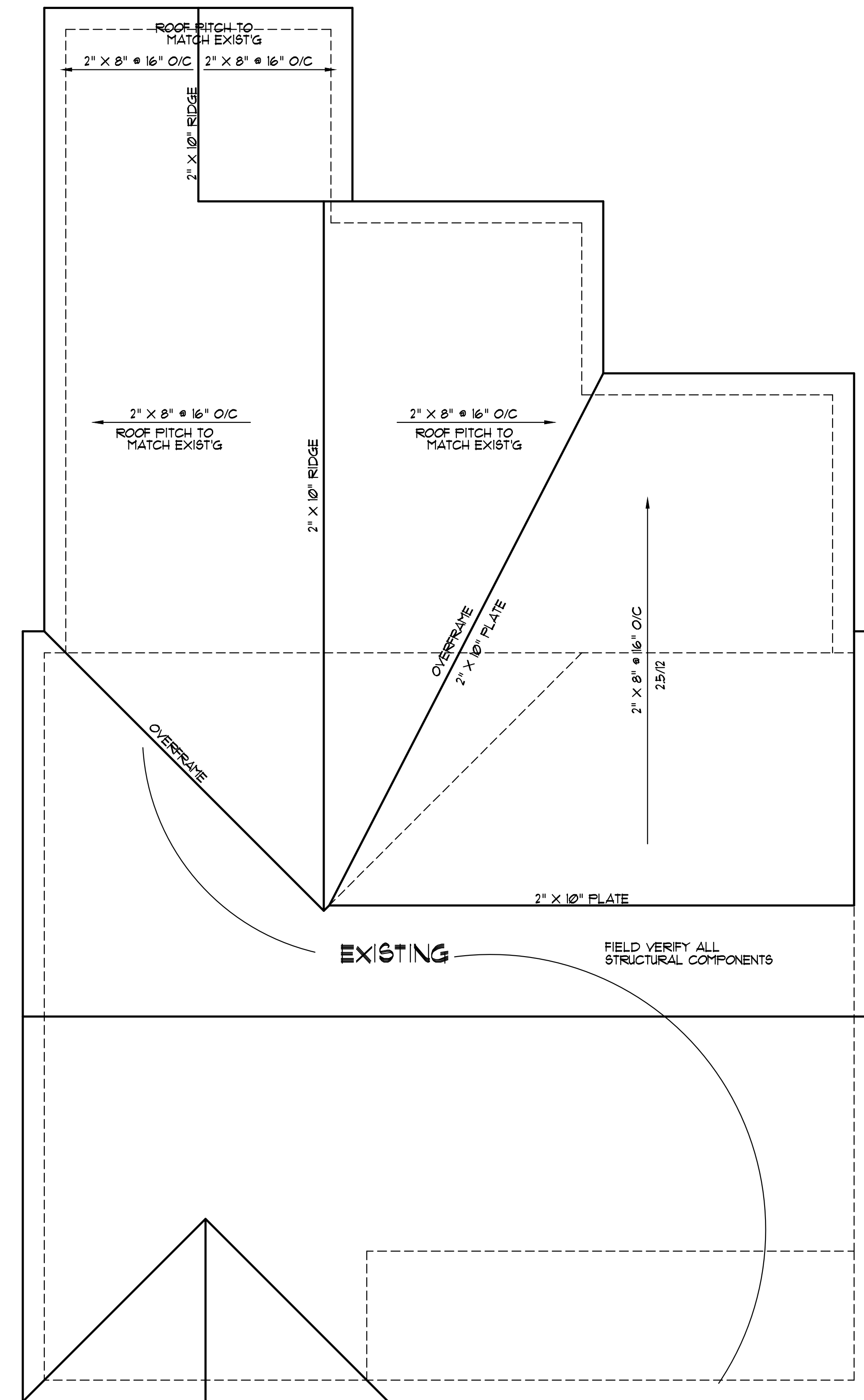
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EXTERIOR WALL SECTION
SCALE: NTS



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

ATTIC SPACE VENTILATION (IN ADDITION TO EXIST'G)

MAIN ROOF
ATTIC AREA = 131 SQ. FT.
REQUIRED AREA = $A/300 = 2.44$ SQ. FT.

NOTE:
ALL EAVES TO HAVE 2" CONTINUOUS SOFFIT VENT
ALLOW 1" AIR SPACE ABOVE INSULATION FOR AIR FLOW

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