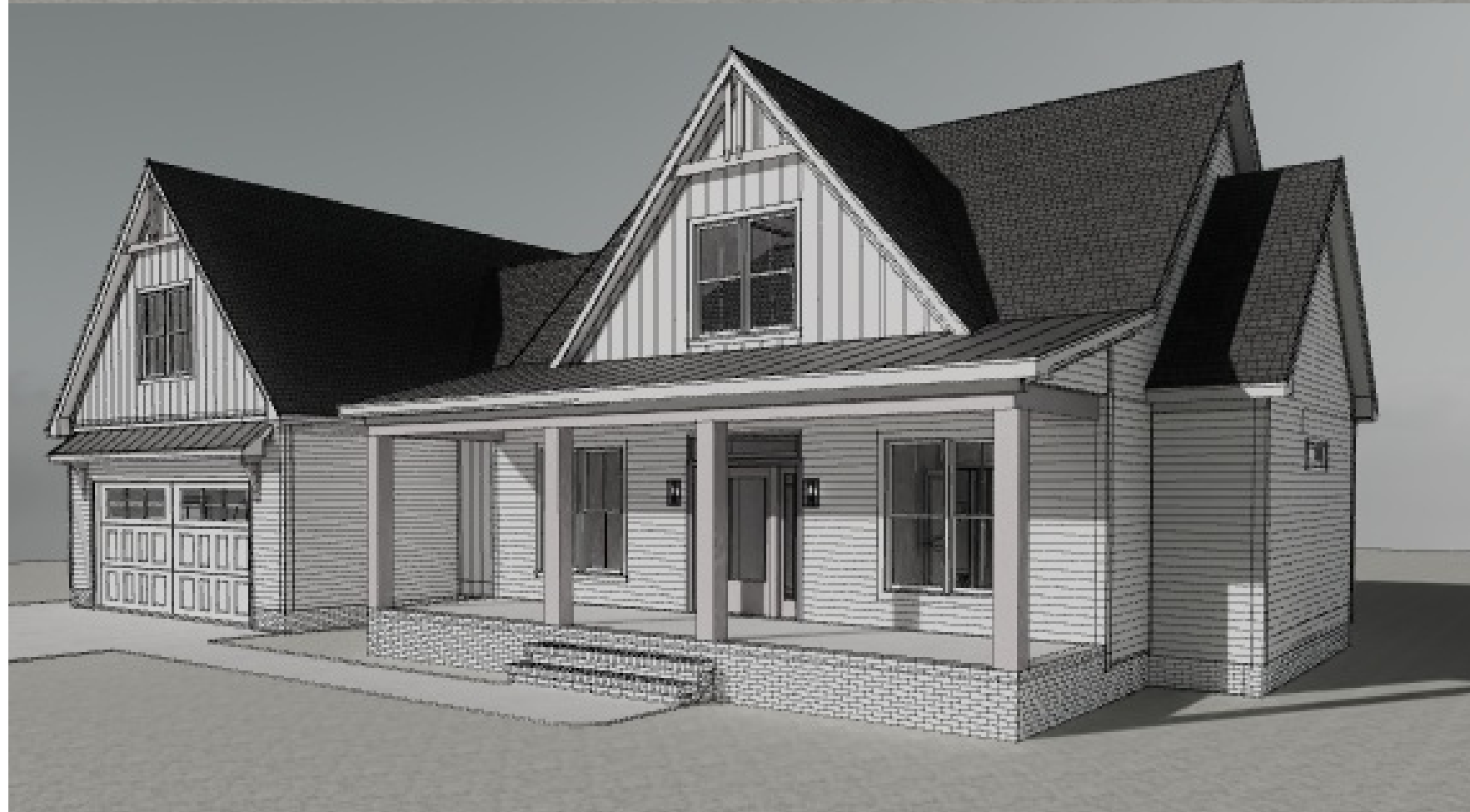
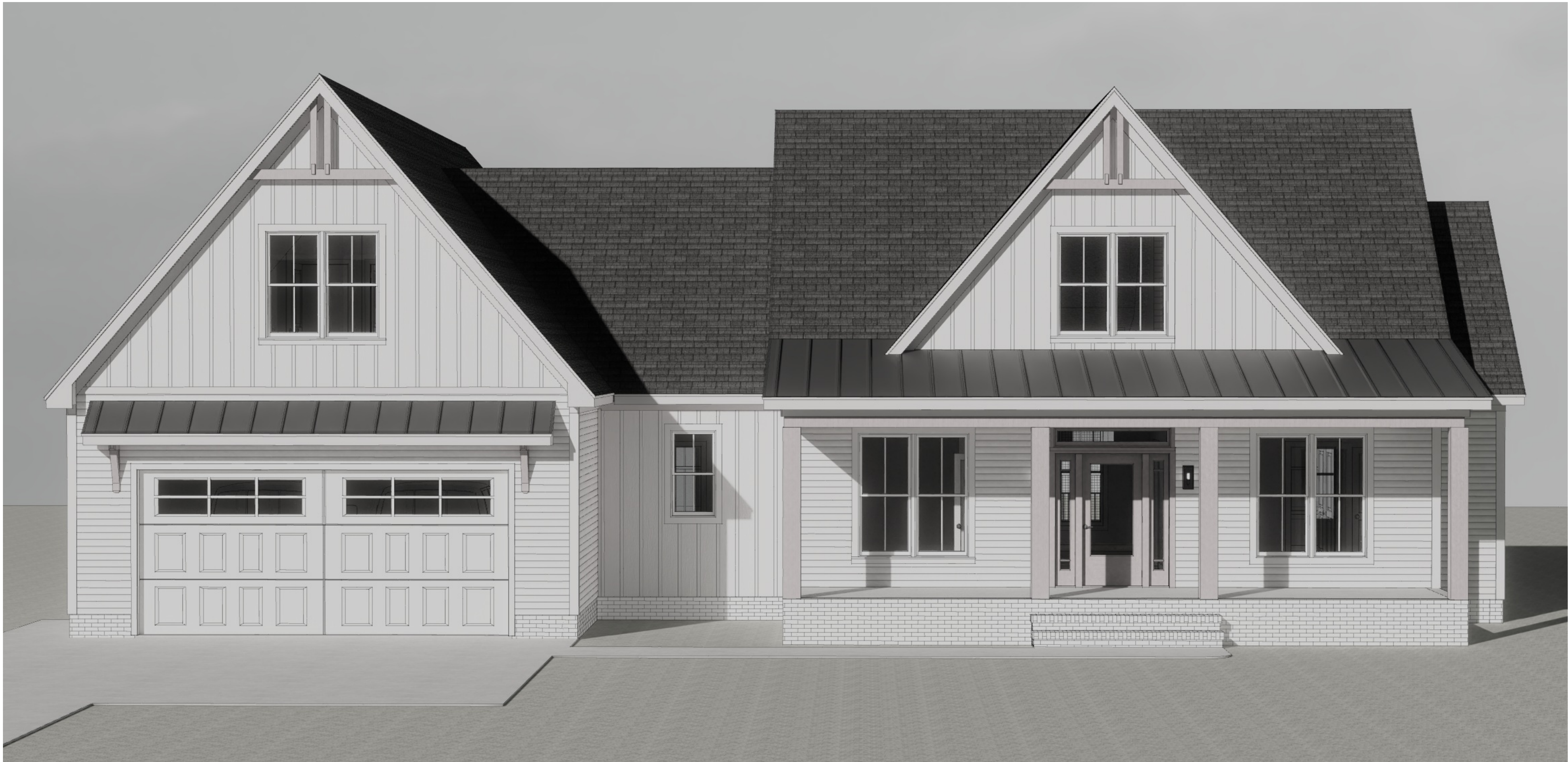




DESIGNER:	TV	VENTING CALCULATIONS
		CRAWL SPACE VENTILATION THE MIN. NET FREE AREA OF CRAWL VENTILATION OPENINGS SHALL NOT BE LESS THAN 1 SQ. FT. FOR EACH 150 SQ. FT. OF CRAWL SPACE AREA. 2.063 SQ. FT. CRAWL SPACE AREA / 150 13.8 SQ. FT. NET FREE AREA REQUIRED *MAY BE REDUCED BY 50% W. VAPOR BARRIER

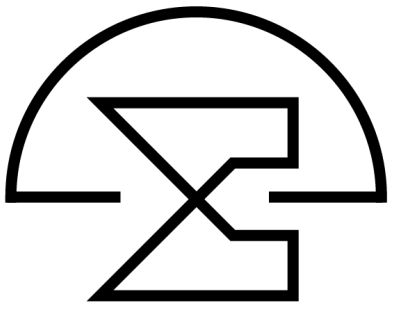
TRABAR HOMES

RANGEWOOD

LOT #21

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"THE RENDERINGS PRESENTED ON THIS SHEET ARE TO REPRESENT THE INTENT OF THE DESIGN. ALL SITE CONDITIONS ARE APPROXIMATE AND SHALL BE CONFIRMED ON SITE, UNLESS NOTED OTHERWISE. ALL RENDERINGS SHOWN ARE NOT FOR THE PURPOSE OF CONSTRUCTION, AND SHALL NOT BE USED IN ANY SUCH WAY. ACTUAL RESULTS MAY VARY. "



Trabar Homes
Rangewood
Lot #21

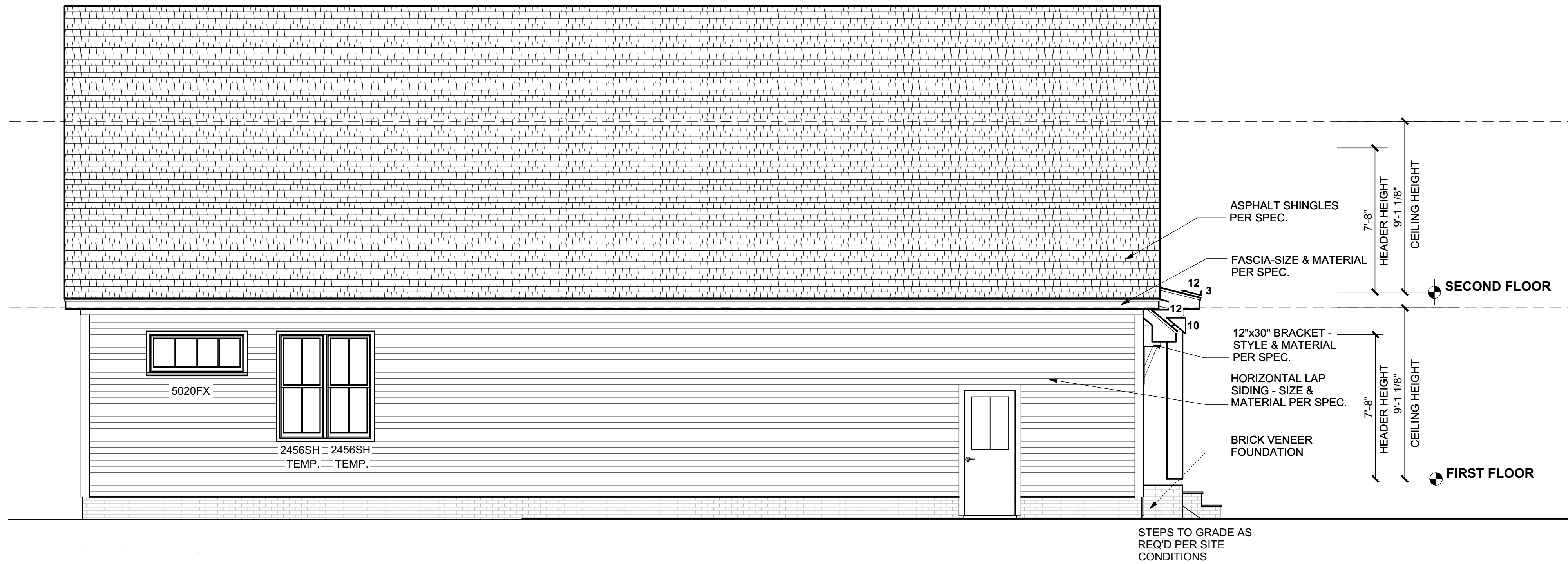
Sheet Title:
Cover Sheet

REVISIONS	
NUMBER	DATE

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FRONT ELEVATION
Scale: 1/4" = 1'-0"



LEFT ELEVATION
Scale: 1/4" = 1'-0"

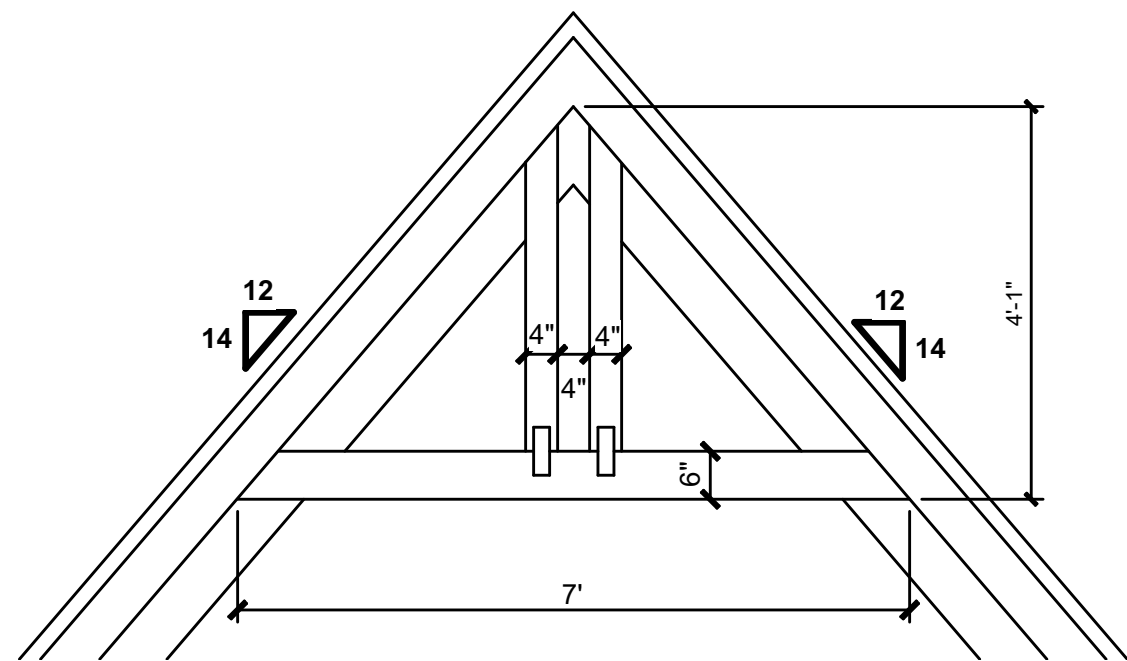
ELEVATION NOTES

BUILDING CODES
THIS PLAN HAS BEEN DESIGNED UNDER THE NC BUILDING CODES, 2018 RESIDENTIAL EDITION.

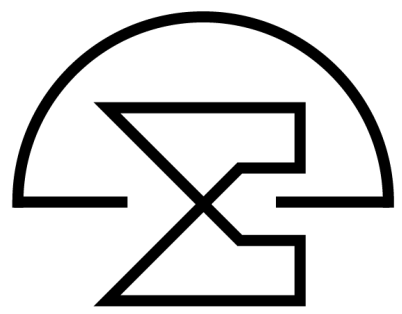
ICE GUARDS:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) OR GREATER. FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4:12), DOUBLE UNDERLAYMENT APPLICATION IS REQUIRED IN ACCORDANCE WITH SECTION R905.1.1.

MATERIAL LEGEND

- ASPHALT SHINGLES
- VERTICAL SIDING
- HORIZONTAL LAP SIDING
- BOARD & BATTEN SIDING @ 16" O.C.
- SHAKE SIDING
- BRICK VENEER
- SYNTHETIC STONE VENEER
- PARGED BLOCK FOUNDATION



WD GABLE BRACKET
Scale: 1/2" = 1'-0"



REVISIONS	
NUMBER	DATE

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REAR ELEVATION

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

ELEVATION NOTES

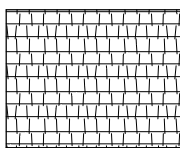
BUILDING CODES

THIS PLAN HAS BEEN DESIGNED UNDER THE NC BUILDING CODES, 2018 RESIDENTIAL EDITION.

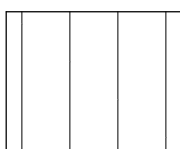
ICE GUARDS:

ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) OR GREATER. FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4:12), DOUBLE UNDERLAYMENT APPLICATION IS REQUIRED IN ACCORDANCE WITH SECTION R905.1.1.

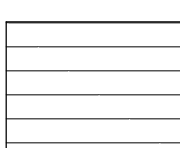
MATERIAL LEGEND



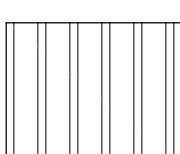
ASPHALT SHINGLES



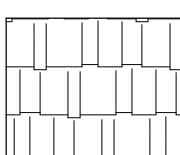
VERTICAL SIDING



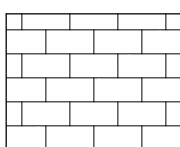
HORIZONTAL LAP SIDING



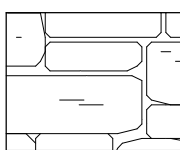
BOARD & BATTEN SIDING @ 16" O.C.



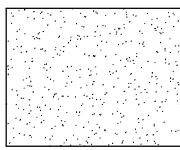
SHAKE SIDING



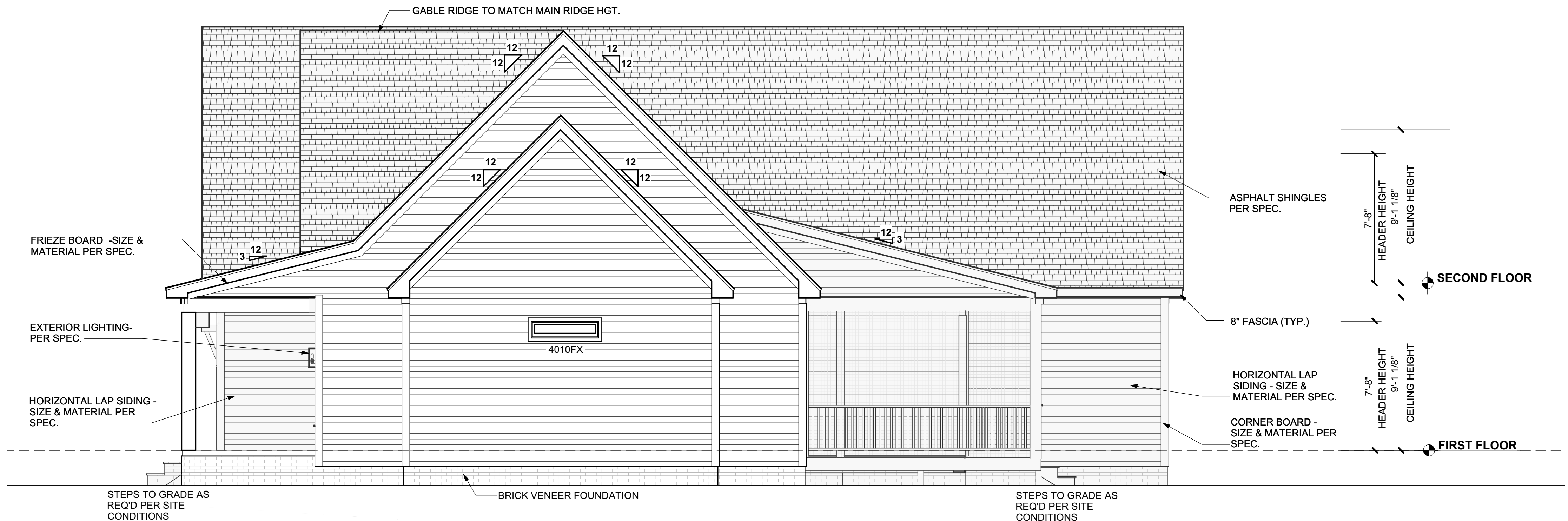
BRICK VENEER



SYNTHETIC STONE VENEER



PARGED BLOCK FOUNDATION



RIGHT ELEVATION

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

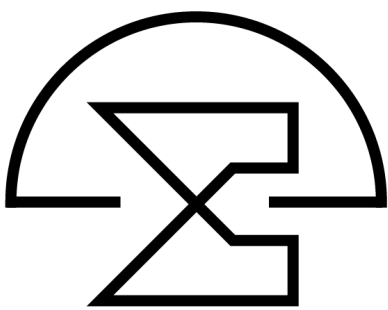
McMillan Design

847 Wake Forest Business Park, Suite 102

Wake Forest, NC 27587

919.263.1509

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Trabar Homes
Rangewood
Lot #21

Sheet Title:

Exterior
Elevations

REVISIONS

NUMBER	DATE

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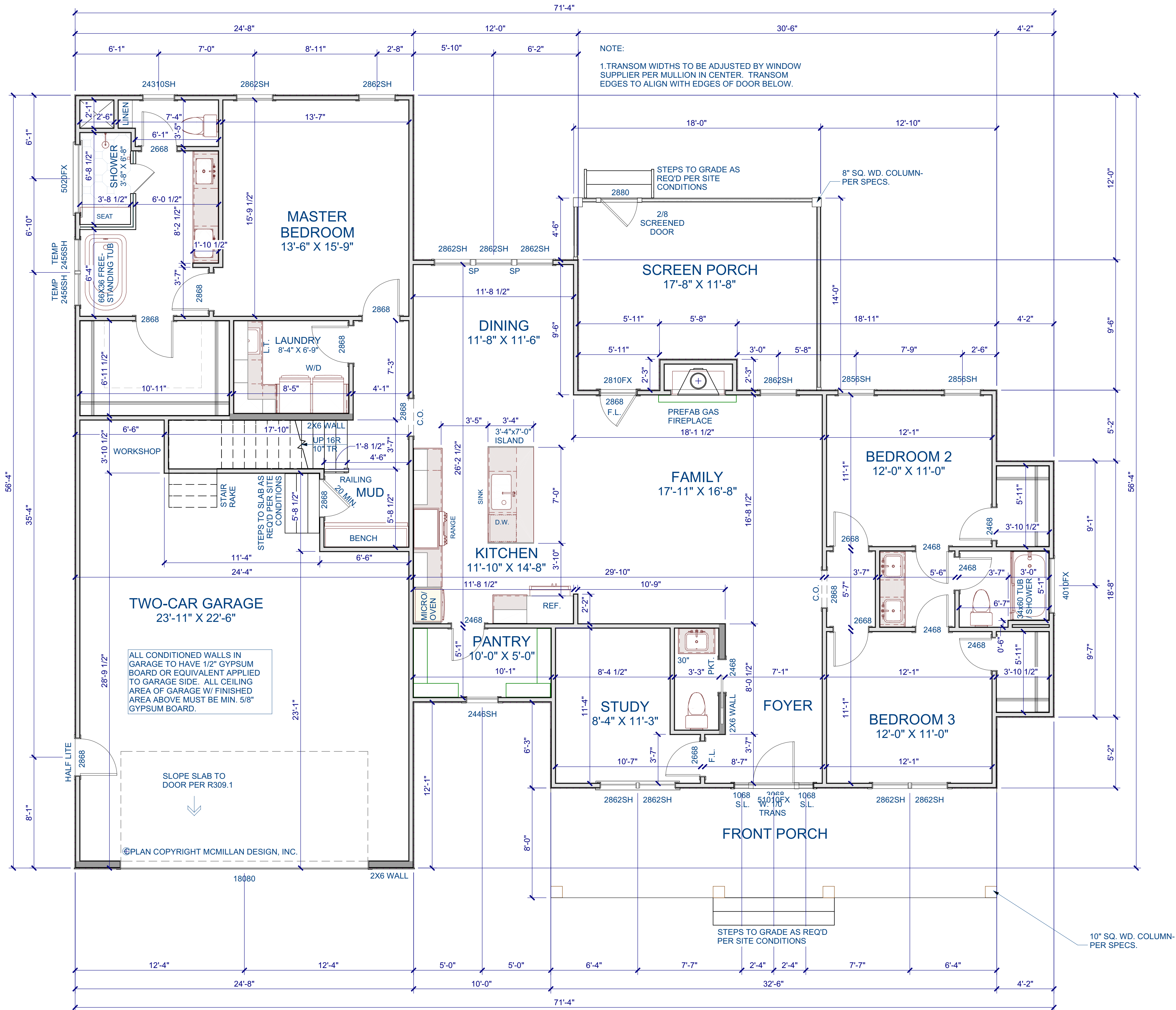
Plan Number
M052-25
A-2

Sheet No.

Drawn By: TE

Date: 5/16/2025

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FIRST FLOOR PLAN
Scale: 1/4" = 1'-0"

GENERAL NOTES

WALLS
ALL WALLS ARE DRAWN 3/5" WIDE (2X4) OR 5/5" WIDE (2X6) U.N.O.
ANGLED WALL ARE DRAWN @45° U.N.O.
EXTERIOR DIMENSIONS ARE TO FACE OF SHEATHING. INTERIOR DIMENSIONS ARE TO FACE OF STUD.

SMOKE DETECTORS
LOCATION AND NUMBER OF DETECTORS SHALL CONFORM TO NEC.

EGRESS
ALL BEDROOMS MUST HAVE AT LEAST ONE WINDOW WHICH CONFORMS TO R-310 OF THE N.G. BLDG. CODE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY CHOSEN WINDOWS MEET EGRESS REQUIREMENTS AS MANUFACTURERS VARY.

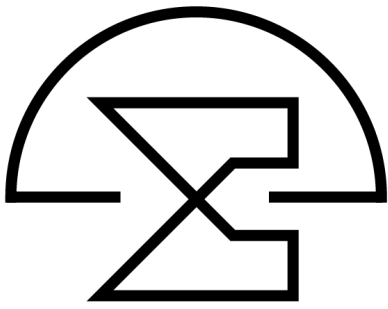
ATTIC ACCESS
MIN. ATTIC ACCESS SHALL BE PROVIDED BY BUILDER AND LOCATED ON SITE.

WALL/CEILING HEIGHT
WALL AND CEILING HEIGHT NOTES ARE BASED ON NOMINAL WALL SIZE. KNEE WALL HEIGHT LABELS FOR WALLS UNDER RAFTERS ASSUME AN EXTRA 2" FOR FURRING (IN HEATED SPACES) FOR INSULATION. THE WALL HEIGHT REFERS TO THE HGT. FROM THE FLOOR DECKING TO THE BOTTOM OF THE FURRING.

WINDOW NOTE LEGEND

- DH DOUBLE HUNG
- SH SINGLE HUNG
- FX FIXED
- SC SINGLE CASEMENT
- DC DOUBLE CASEMENT
- TC TRIPLE CASEMENT

Square Footage	
First Floor	2063
Total Heated	2063
Unfinished	
Front Porch	261
Two-Car Garage	690
Screen Porch	237
Total Unfinished	1188
Unfin. Storage and Options	
Future Gameroom	436
Future 2nd Floor Full Bath	46
Total Storage / Options	482



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Trabar Homes
Rangewood
Lot #21

Sheet Title:
First Floor Plan

REVISIONS	
NUMBER	DATE

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Plan Number
M052-25
Sheet No. A-3
Drawn By: TE
Date: 5/16/2025
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WALLS
ALL WALLS ARE DRAWN 3.5" WIDE (2X4) OR 5.5" WIDE (2X6) U.N.O.
ANGLED WALL ARE DRAWN @45° U.N.O.
EXTERIOR DIMENSIONS ARE TO FACE OF SHEATHING. INTERIOR
DIMENSIONS ARE TO FACE OF STUD.

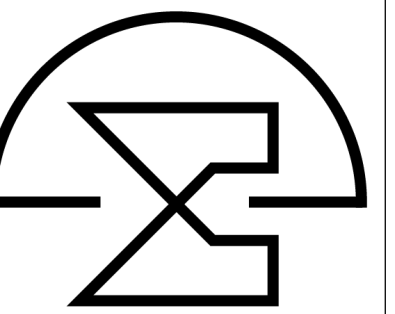
LOCATION AND NUMBER OF DETECTORS SHALL CONFORM TO NEC.

ALL BEDROOMS MUST HAVE AT LEAST ONE WINDOW WHICH CONFORMS TO R-310 OF THE N.C. BLDG. CODE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY CHOSEN WINDOWS MEET EGRESS REQUIREMENTS AS MANUFACTURERS VARY.

MIN. ATTIC ACCESS SHALL BE PROVIDED BY BUILDER AND LOCATED ON SITE.

WALL AND CEILING HEIGHT NOTES ARE BASED ON NOMINAL WALL SIZE. KNEE WALL HEIGHT LABELS FOR WALLS UNDER RAFTERS ASSUME AN EXTRA 2" FOR FURRING (IN HEATED SPACES) FOR INSULATION. THE WALL HEIGHT REFERS TO THE HGT. FROM THE FLOOR DECKING TO THE BOTTOM OF THE FURRING.

DH	DOUBLE HUNG
SH	SINGLE HUNG
FX	FIXED
SC	SINGLE CASEMENT
DC	DOUBLE CASEMENT
TC	TRIPLE CASEMENT



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Irabar Homes
Rangewood
Lot #21

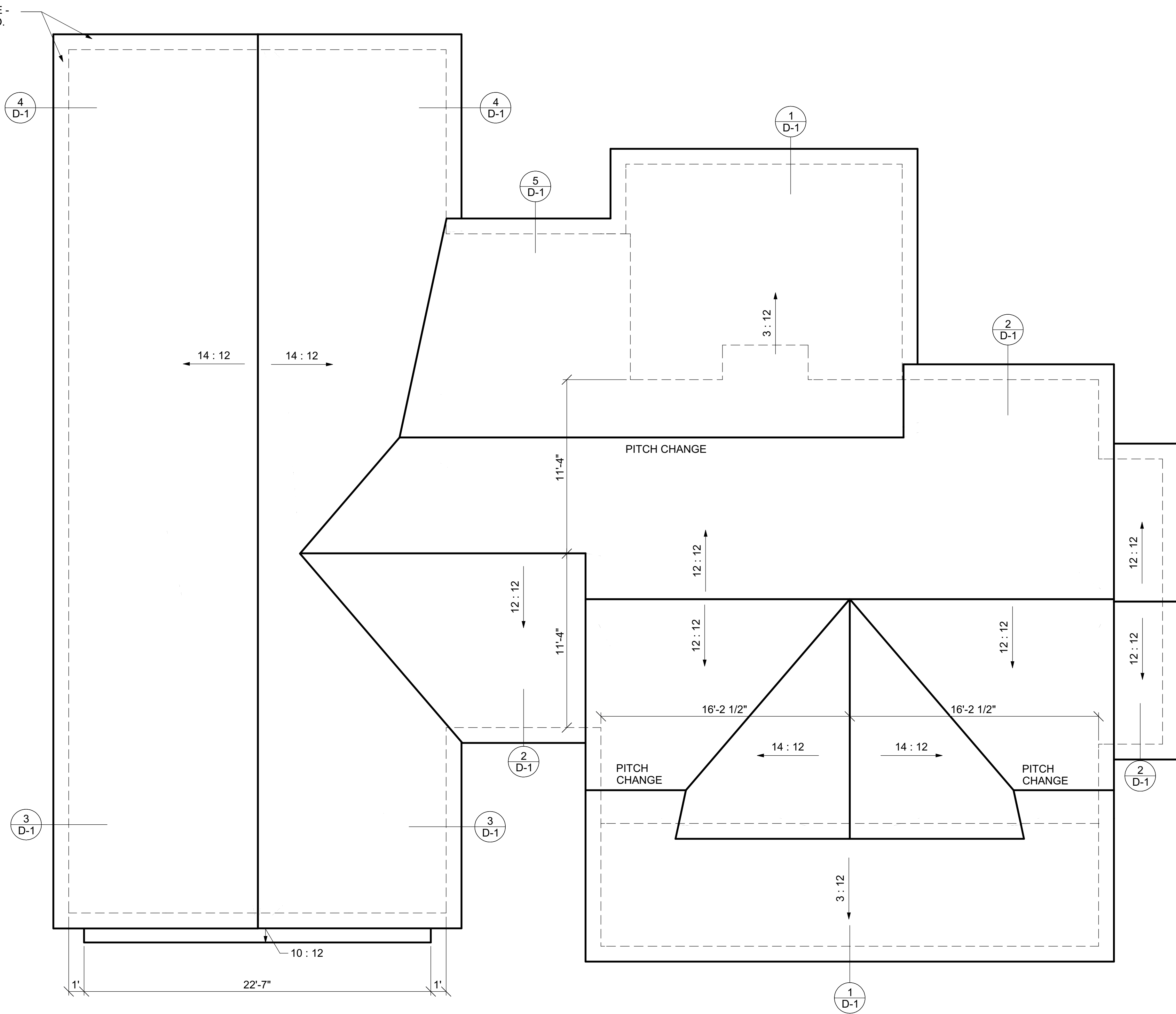
Second Floor Plan

NUMBER	DATE

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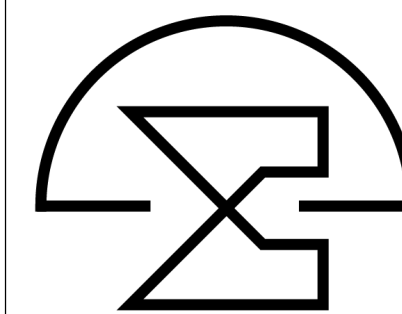
Plan Number
M052-25
A-4
Sheet No. _____
Drawn By: TE _____
Date: 5/16/2025 _____
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SOFFIT / RAKE -
12" O.H.; U.N.O.



ROOF PLAN

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



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Trabar Homes Rangewood Lot #21

Sheet Title:
Roof Plan

REVISIONS

NUMBER	DATE

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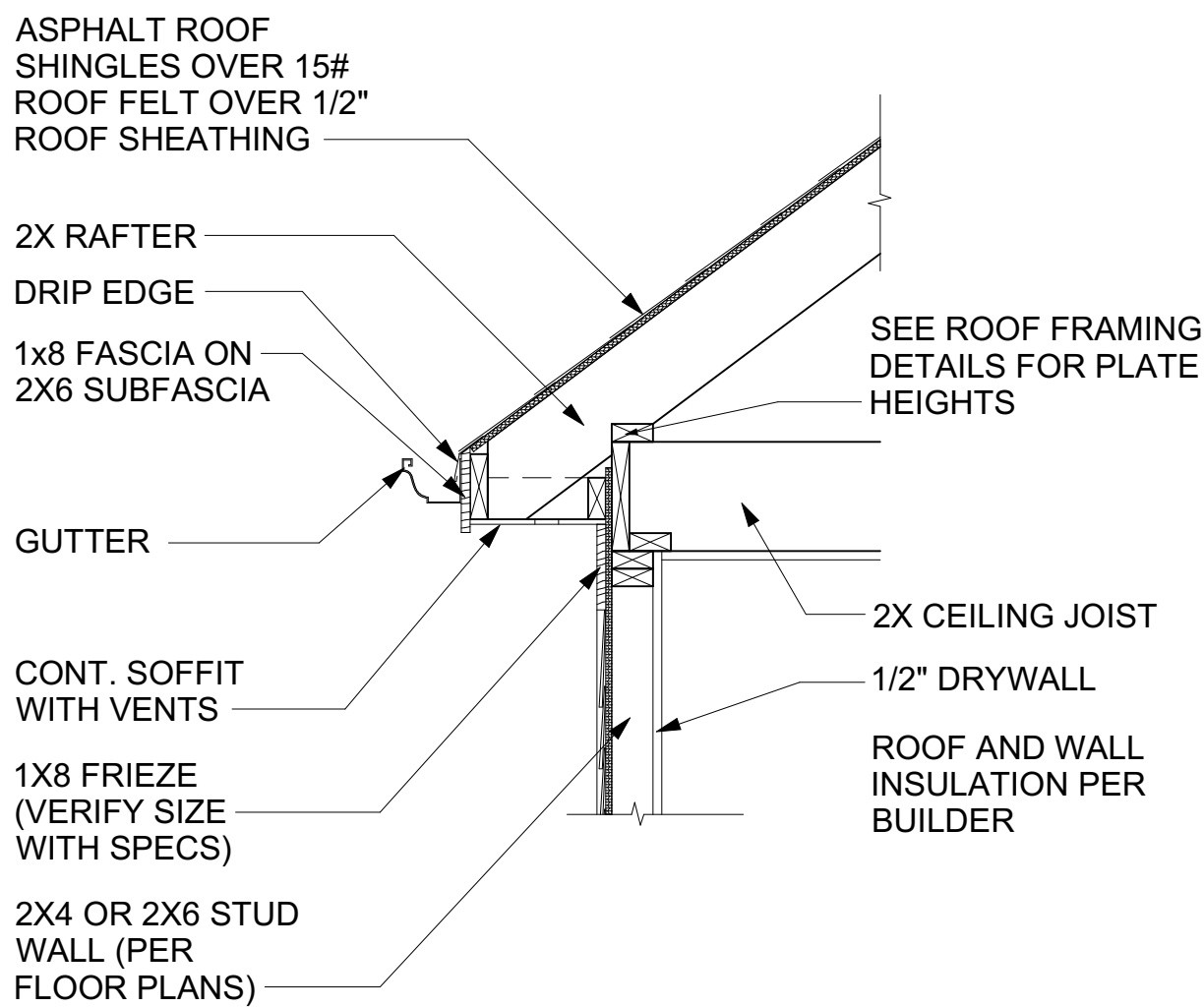
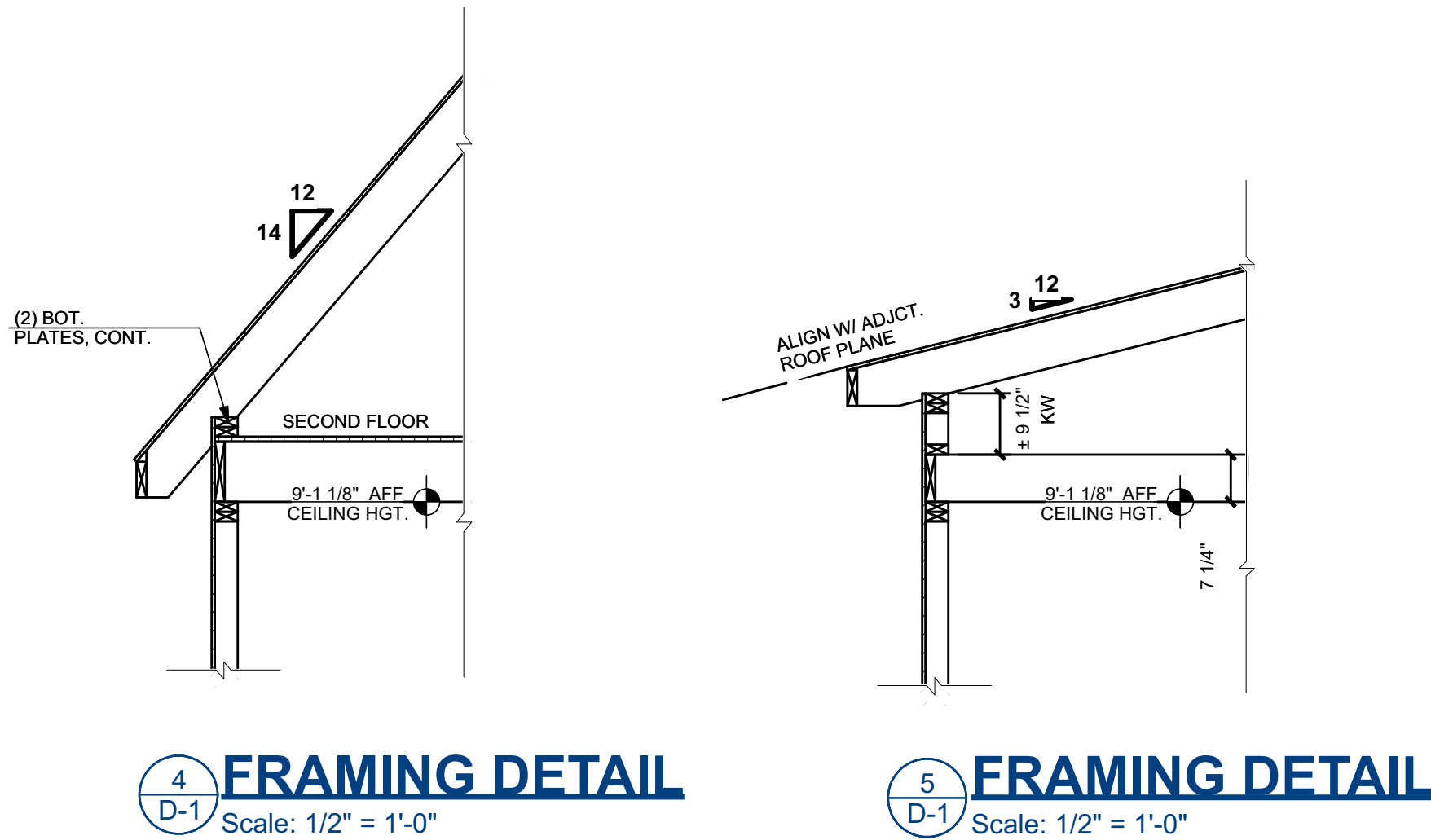
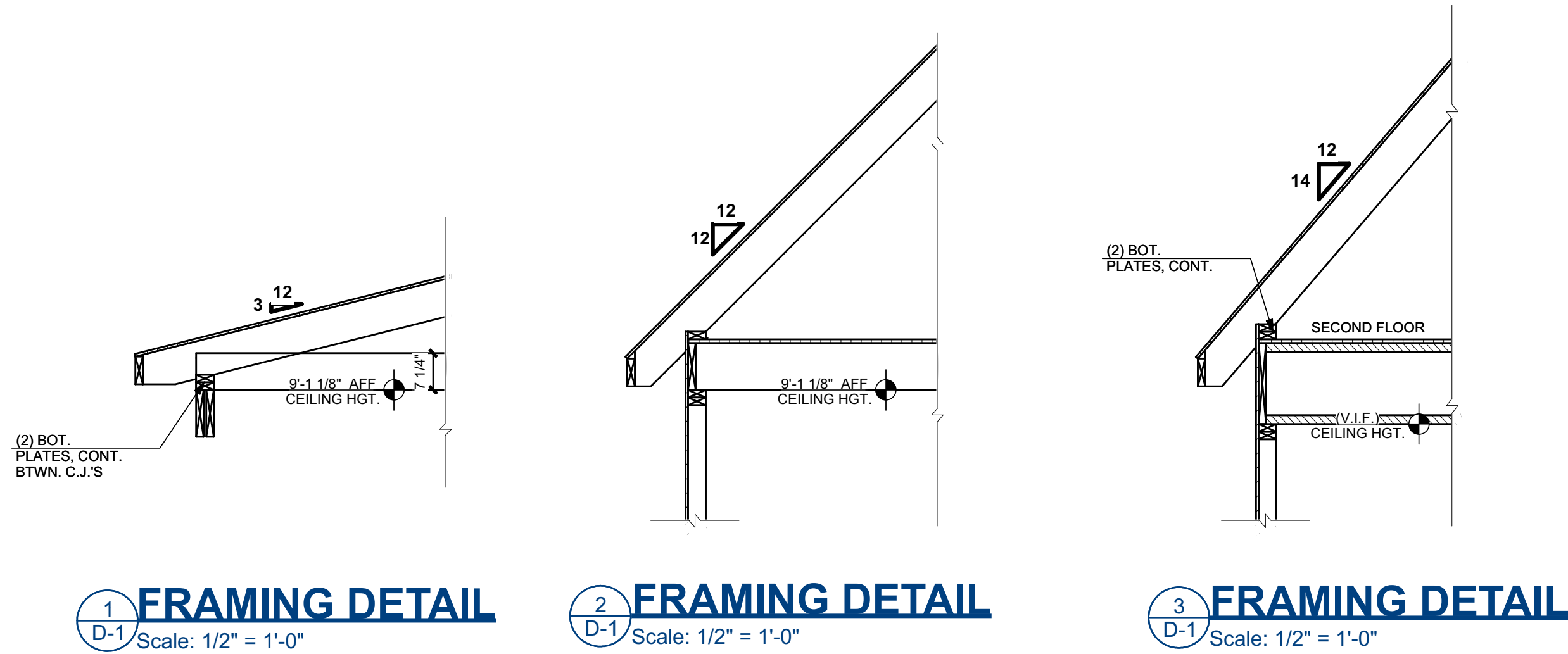
Plan Number
M052-25
A-5

Sheet No. _____

Drawn By: **TE**

Date: **5/16/2025**

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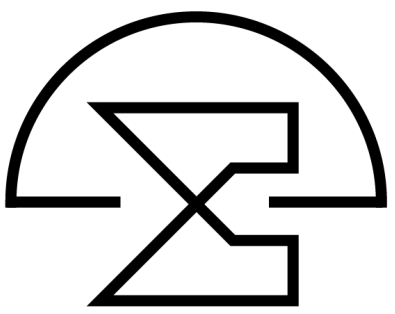
BOXED CORNICE DETAIL
Scale: 3/4" = 1'-0"

NOTES

1. REFER TO CORNICE DETAILS AND ELEVATIONS FOR CORNICE AND SOFFIT INFORMATION.
2. REFER TO ROOF PLAN FOR ALL ROOF OVERHANG AND PITCH SPECIFICATIONS.
3. SEE STRUCTURAL DRAWINGS FOR EXACT STRUCTURAL FRAMING DESIGN.

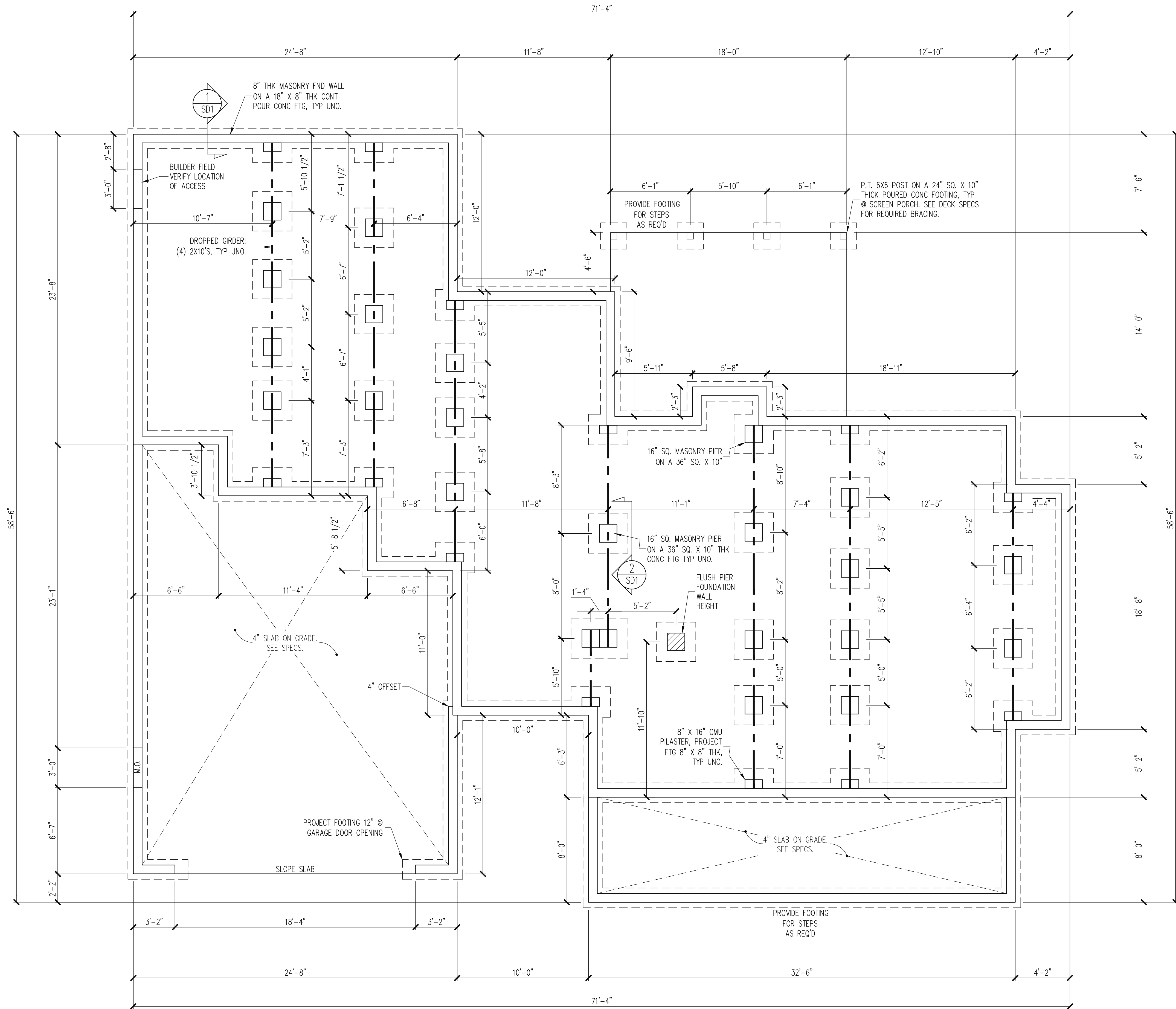
AFF = ABOVE FINISH FLOOR
AFFF = ABOVE FINISH FIRST FLOOR
AFSF = ABOVE FINISH SECOND FLOOR
VIF = VERIFY IN FIELD
BRG. = BEARING
COORD. = COORDINATE
CONT. = CONTINUOUS

4. REFER TO STRUCTURAL PLANS FOR ALL RAFTER, BEAM, JOIST SIZES AND CONNECTION INFORMATION.
5. VERIFY ALL DIMENSIONS IN THE FIELD. CONTACT MCMILLAN DESIGN FOR CLARIFICATION OF ANY DISCREPANCIES.



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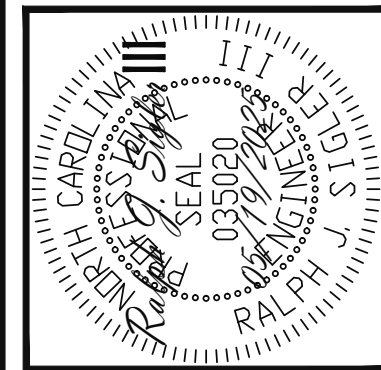
PLAN DESIGNED UNDER
2018 NORTH CAROLINA
RESIDENTIAL CODE

NOTES:
-HEIGHT AND BACKFILL LIMITATIONS FOR
FOUNDATION WALLS ARE TO BE GOVERNED
BY THE NCSBC, LATEST EDITION.
REINFORCEMENT AND GROUTING SHALL BE
DETERMINED BY FINAL SITE CONDITIONS.
-BUILDER TO FIELD LOCATE CRAWLSPACE
ACCESS OPENING WITH MINIMUM DIMENSIONS
OF 18X24. DO NOT LOCATE ACCESS OPENING
BELOW POINT LOADS FROM ABOVE WITHOUT
ENGINEER APPROVAL.

FOUNDATION PLAN

1/4" = 1'-0"

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Raleigh, North Carolina 27609
Phone (919) 844-1661

SCOPE:	TRABAR HOMES, LLC		
	STRUCTURAL ADDENDUM		
LOC:	REV #	REF PROJ #	DATE
	21	RANGEWOOD	

ENC: PAL/RJS
DATE 05/19/2025

PARENT
M052-25

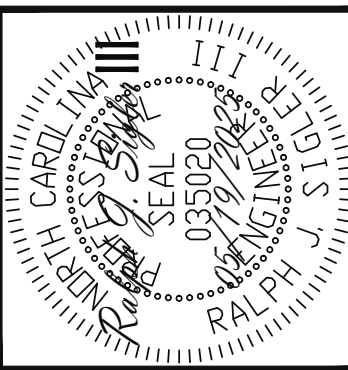
PROJECT NO.
25-21-099

SHEET NO.
S1
1 of 6

CRAWLSPACE FRAMING PLAN

1/4" = 1'-0"

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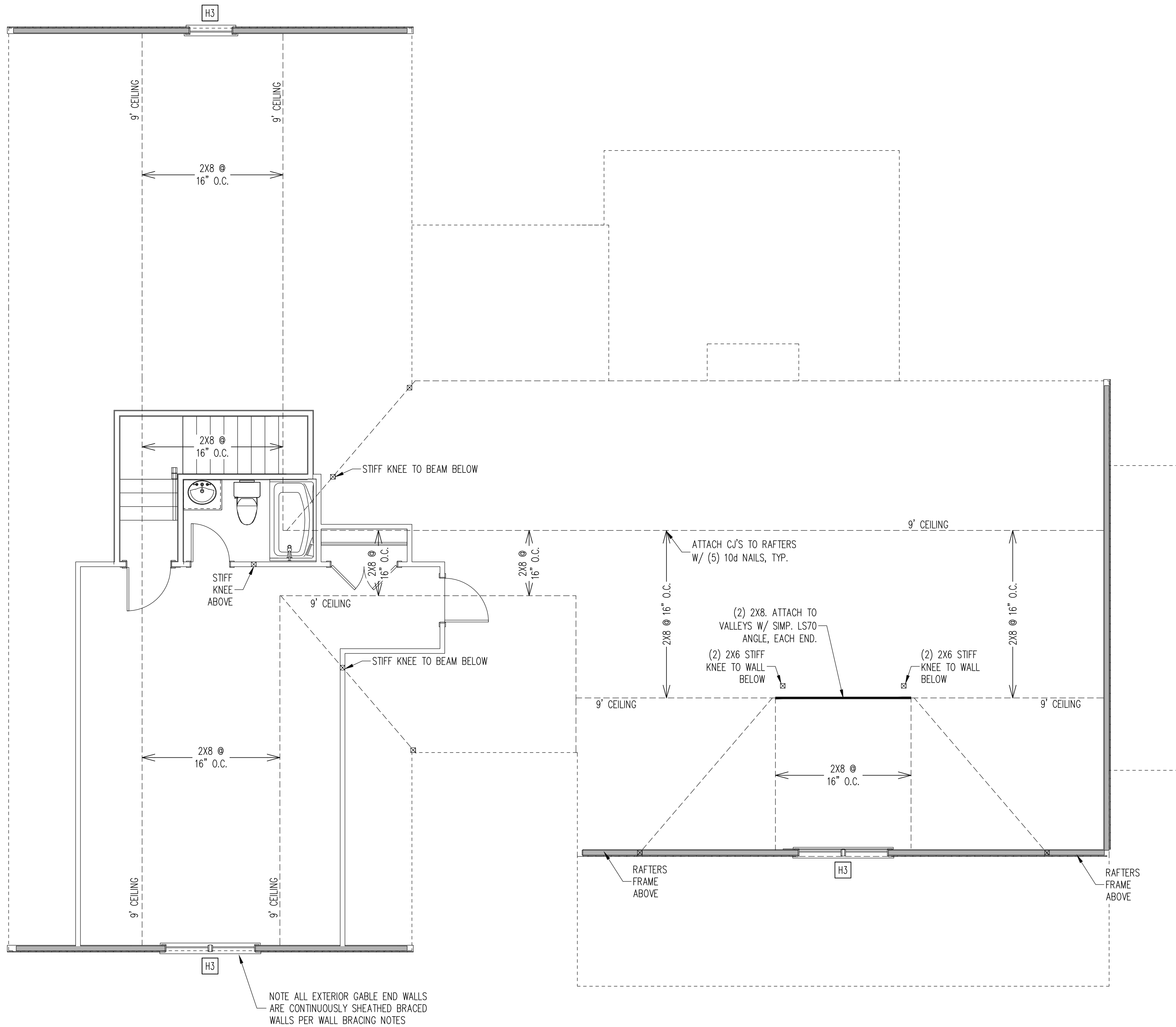
TRABAR HOMES, LLC			
SCOPE:	STRUCTURAL ADDENDUM		
LOC:	21 RANCEWOOD	REV #	REF PROJ # DATE

ENG: PAL/RJS
DATE: 05/19/2025

PARENT
M052-25

PROJECT NO.
25-21-099

SHEET NO.
S2
2 of 6



CONSTRUCTION SPECIFICATIONS

INSTANT REFERENCES

REFER TO THE CONSTRUCTION SPECIFICATIONS SECTIONS FOR THE FOLLOWING INFORMATION:

PART 1.01: CURRENT GOVERNING CODE

PART 14: STUD SUPPORT FOR BEAMS

PART 17: KING STUDS FOR EXTERIOR WALLS

SEE DETAIL / CONSTRUCTION SPECIFICATIONS SHEETS FOR I-JOISTS ALLOWABLE SUBSTITUTIONS

HEADER SCHEDULE

- H1 SINGLE 2X4 TURNED FLAT (A)
H2 (2) 2X4'S ON SINGLE JACKS (B)
H3 (2) 2X10'S ON SINGLE JACKS (C)
H4 (2) 1.75" X 9.25" LVL'S ON DBL JACKS
H5 (3) 2X10'S ON SINGLE 2X6 JACKS
H6 (3) 1.75" X 9.25" LVL'S ON DBL 2X6 JACKS

- (A) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPENING 38" MAX.
(B) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPNG 38" TO 74" MAX.
(C) TYPICAL FOR ALL CONDITIONS NOT LISTED IN (A) OR (B) UNO.

NOTES:
-HEADERS IN NON LOAD BEARING INTERIOR WALLS ARE NOT LABELED.

WALL BRACING

SHADED WALLS:

ALL EXTERIOR STUD WALLS, EXTERIOR SIDE, ARE TO BE CONTINUOUSLY SHEATHED WITH 7/16 APA RATED OSB NAILED TO STUDS WITH 8d NAILS @ 6" O.C. AT PANEL EDGES, 12" O.C. IN PANEL FIELD.

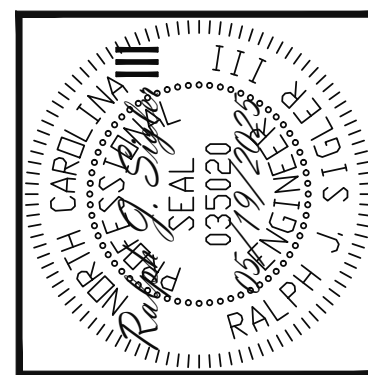
NOTES:
PROVIDED CONTINUOUS SHEATHING = 107" MIN.

REFERENCE PART 16.02 OF CONSTRUCTION SPECIFICATIONS FOR GENERAL WIND BRACING INFORMATION.

2ND FLOOR FRAMING PLAN

WALLS AND CEILING
1/8" = 1'-0"

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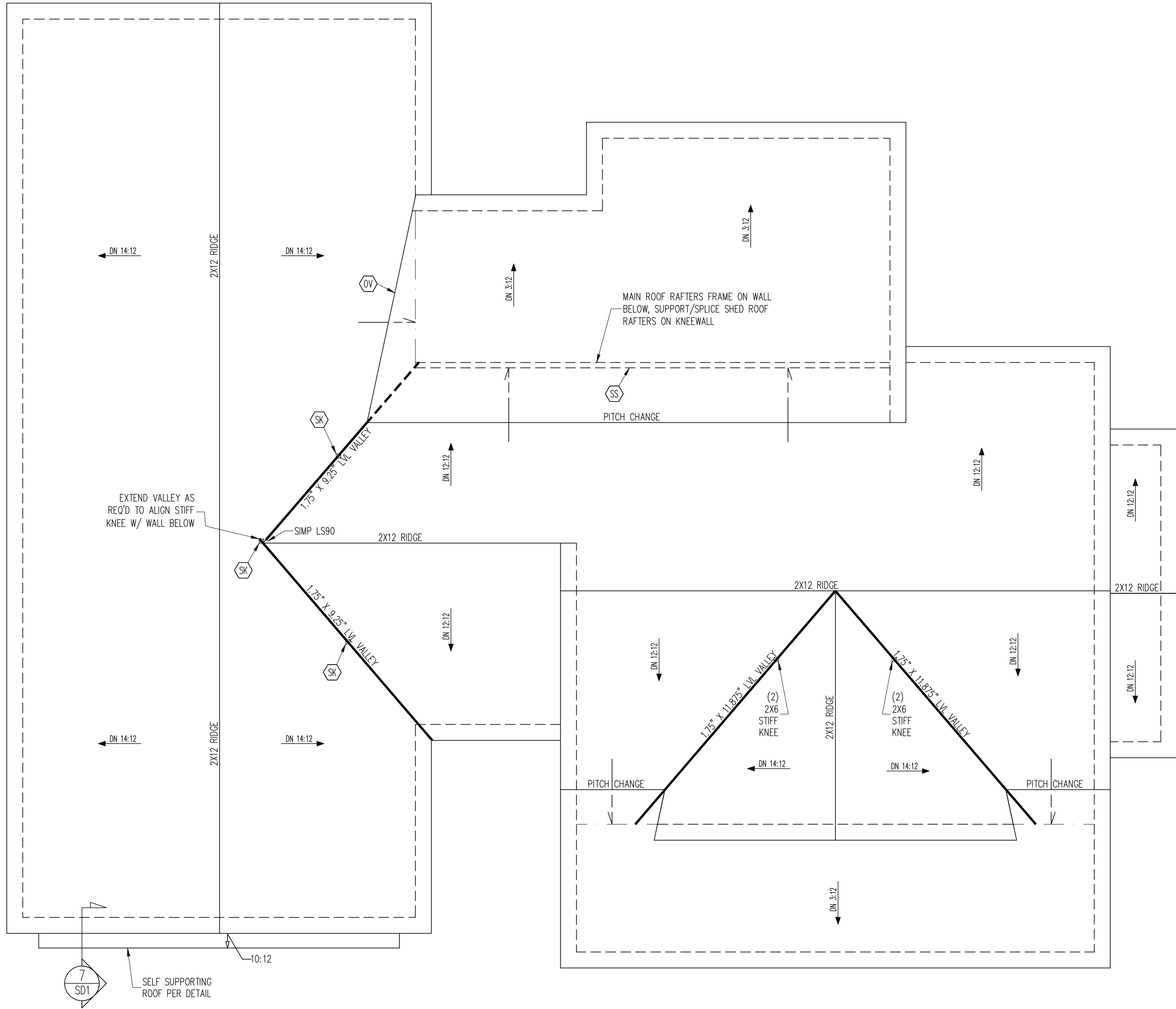
SCOPE	TRABAR HOMES, LLC		STRUCTURAL ADDENDUM	
	REV #	REF PROJ #	DATE	
LOC:	21	RANGEWOOD		

ENG: PAL/RJS
DATE 05/19/2025

PARENT
M052-25

PROJECT NO.
25-21-099

SHEET NO.
S4
4 of 6



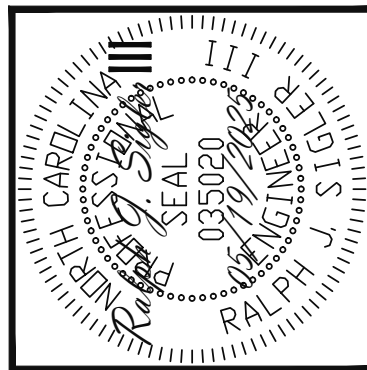
FRAMING NOTES
ROOF ONLY
-COMMON RAFTERS 2X8 @ 16" O.C. TYP U.N.O.
-COLLAR TIES 2X4 EVERY 3RD SET OF RAFTERS TYP U.N.O.
-VERIFY ROOF PITCHES, OVERHANG LENGTHS, AND KNEEWALL FRAMING HGTS WITH ARCHITECTURAL DRAWINGS, TYPICAL.

FRAMING SCHEDULE
ROOF ONLY
OV OVERFRAME VALLEY (2X10 SLEEPER)
SK DBL 2X4 STIFF KNEE
SS SUPPORT/SPLICE RAFTERS ON KNEEWALL BELOW

ROOF FRAMING PLAN

1/4" = 1'-0"

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SCOPE:	TRABAR HOMES, LLC		
	STRUCTURAL ADDENDUM		
LOC:	REV #	REF PROJ #	DATE
	21 RANGEWOOD		

ENC: PAL/RJS
DATE 05/19/2025

PARENT
M052-25

PROJECT NO.
25-21-099

SHEET NO.
S5
5 of 6

