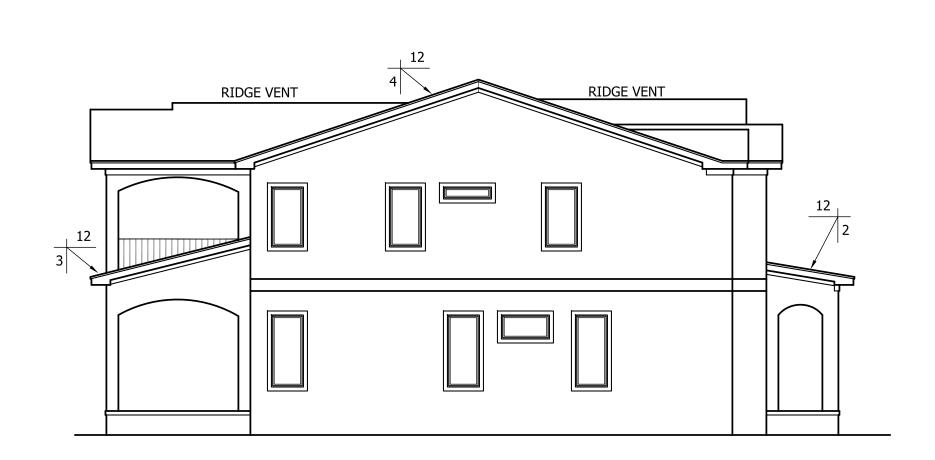
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO BEGGINING WORK. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL STATE AND LOCAL BUILDING CODES AND ORDINANCES. KADS CUSTOM HOME DESIGNS ASSUMES NO LIABILITY FOR SITE CONDITIONS, CONSTRUCTION METHODS OR ANY DEVIATION OF THESE PLANS.

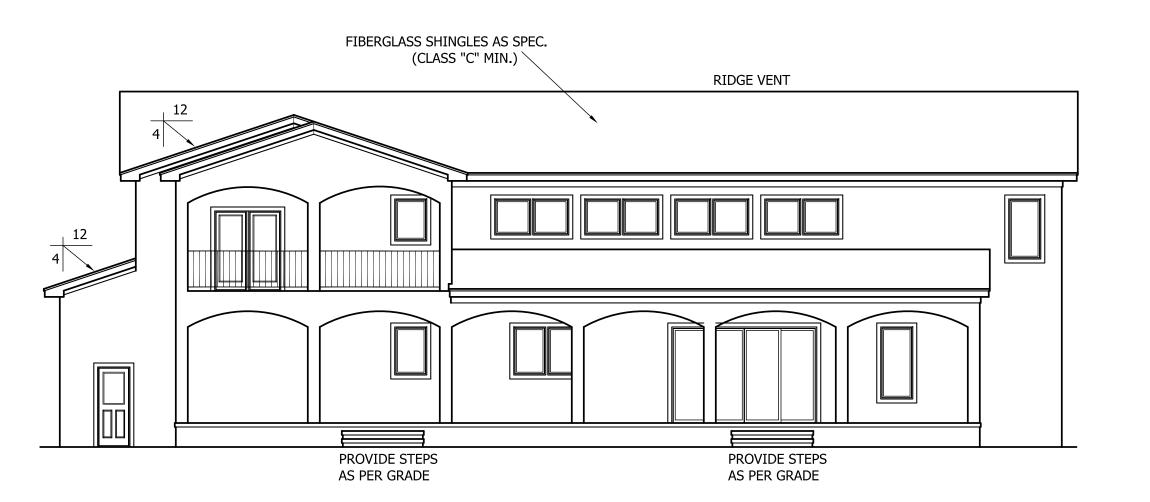
NOTE:
ALL WINDOWS TO BE INSTALLED MUST MEET
A MAXIMUM OF .32 U VALUE OR BETTER, UNLESS
ENERGY CALCULATIONS ARE SUBMITTED WITH PLANS
PROVIDED BY BUILDER AT TIME OF PLAN REVIEW.

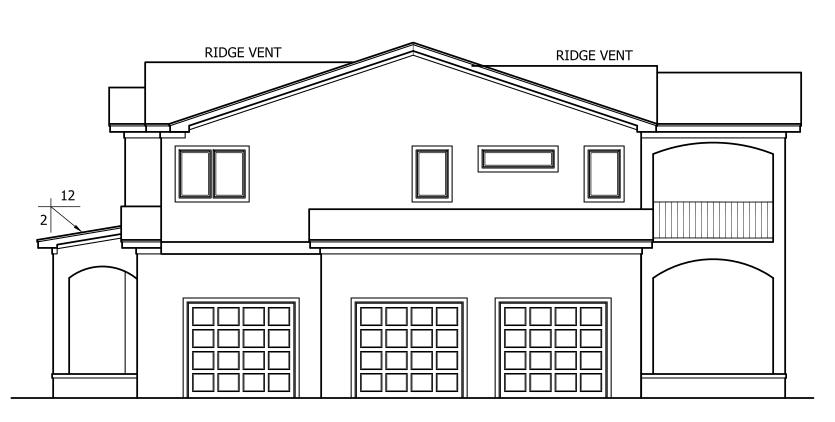
FIBERGLASS SHINGLES AS SPEC. (CLASS "C" MIN.)



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







LEFT ELEVATION

SCALE: 1/8"=1'-0"

REAR ELEVATION

SCALE: 1/8"=1'-0"

RIGHT ELEVATION

SCALE: 1/8"=1'-0"



ANGIER, NC 919-369-7181

> DRAWN BY: D.W.O.

DATE:

8/9/23

PAGE NO

1OF

PLAN NO.

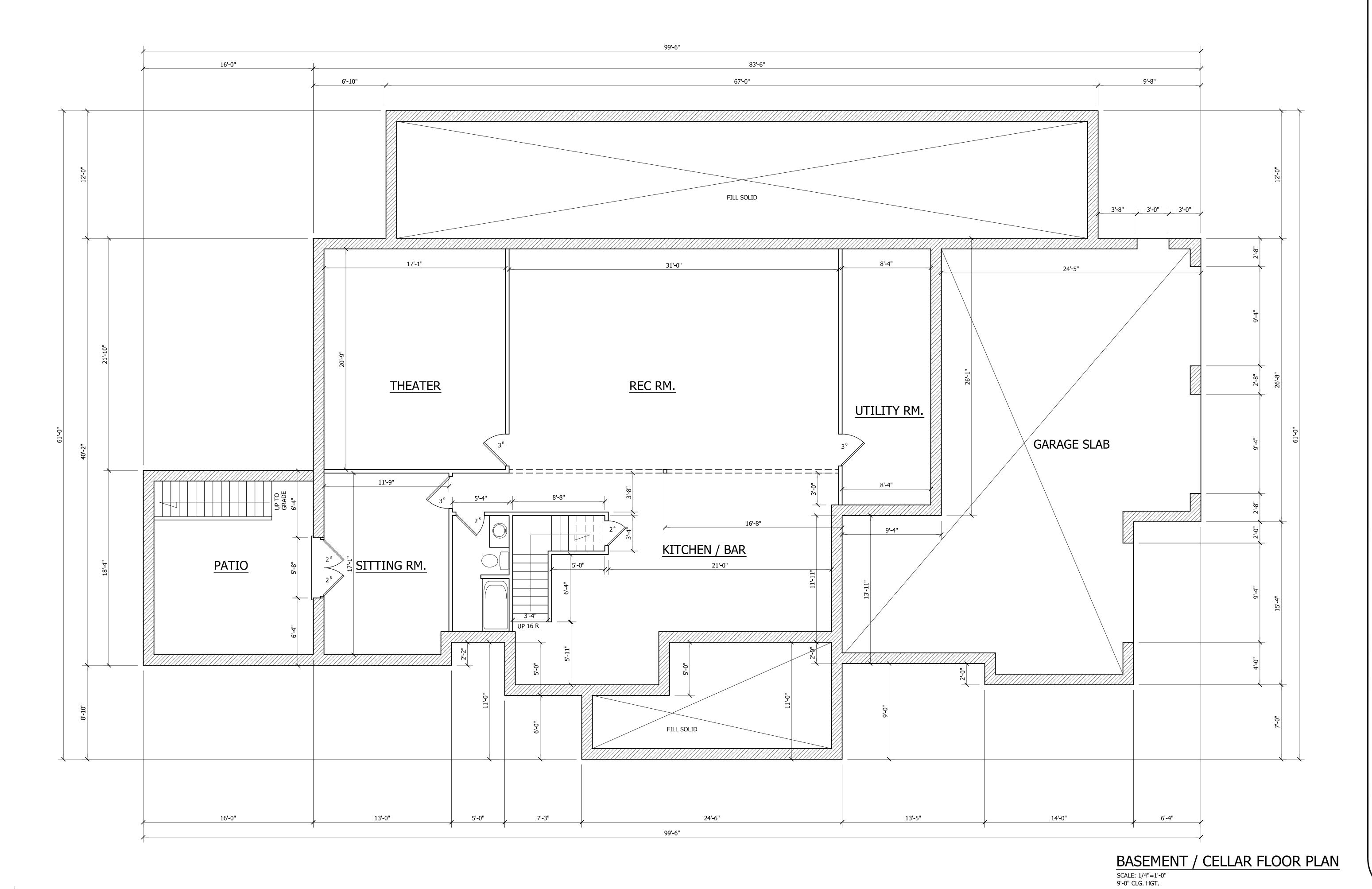
DRAWN BY: D.W.O.

DATE: 8/9/23

PAGE NO

2 OF

PLAN NO. DK4288





> DRAWN BY: D.W.O.

DATE:

8/9/23

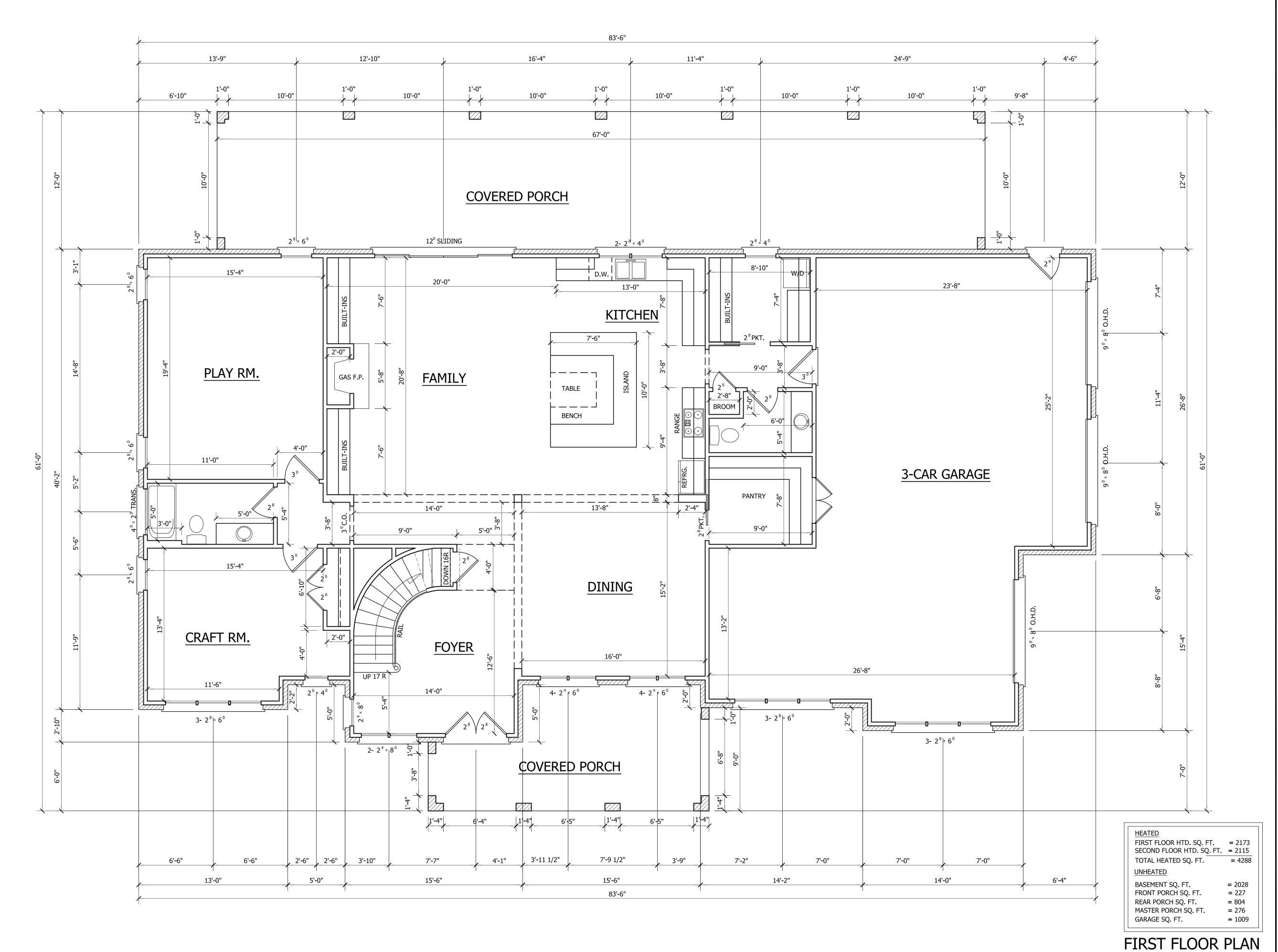
PAGE NO

3

OF **5**

PLAN NO. DK4288

SCALE: 1/4"=1'-0" 10'-0" CLG. HGT. SET WINDOWS AT 8'-0" A.F.F.



> DRAWN BY: D.W.O.

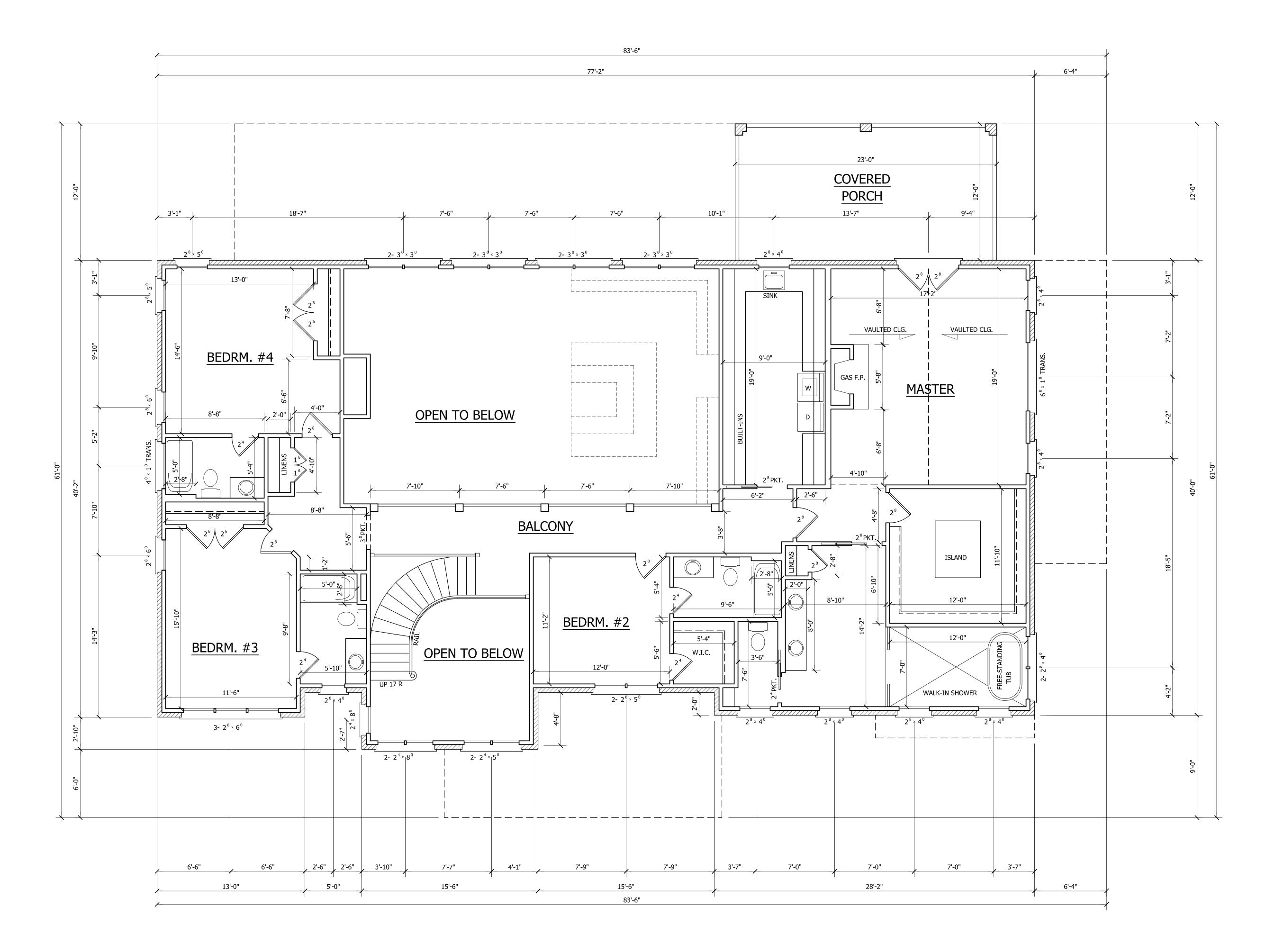
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8/9/23 PAGE NO

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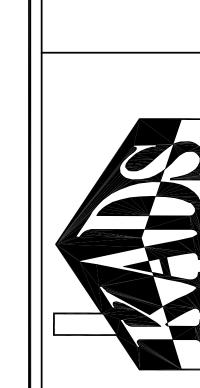
OF

PLAN NO. DK4288



SECOND FLOOR PLAN

SCALE: 1/4"=1'-0" 9'-0" CLG. HGT. SET WINDOWS AT 7'-8" A.F.F.



DRAWN BY:

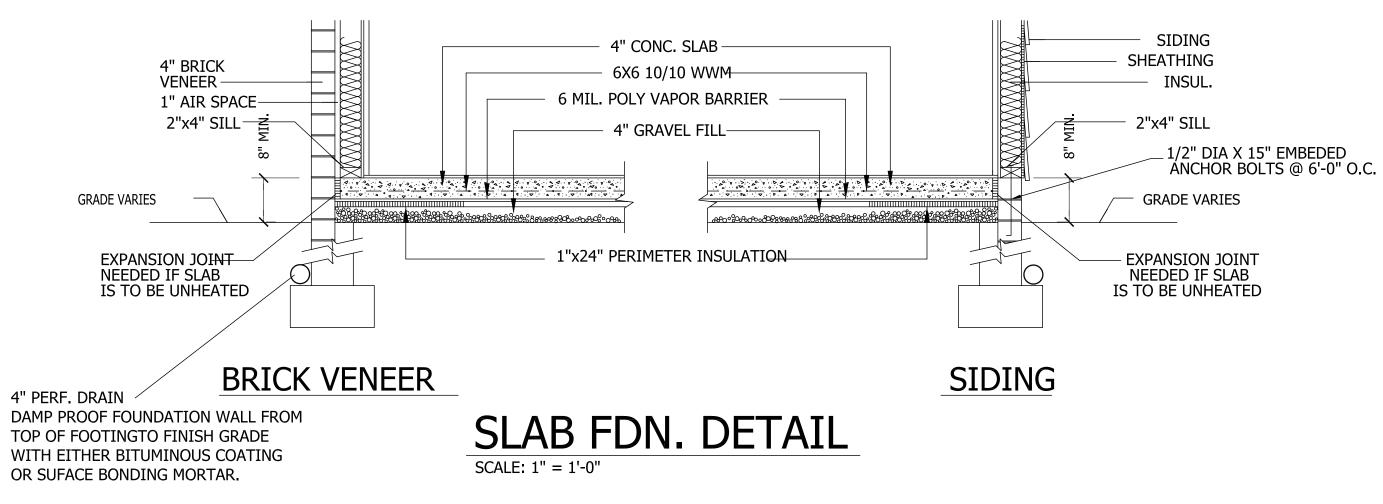
D.W.O.

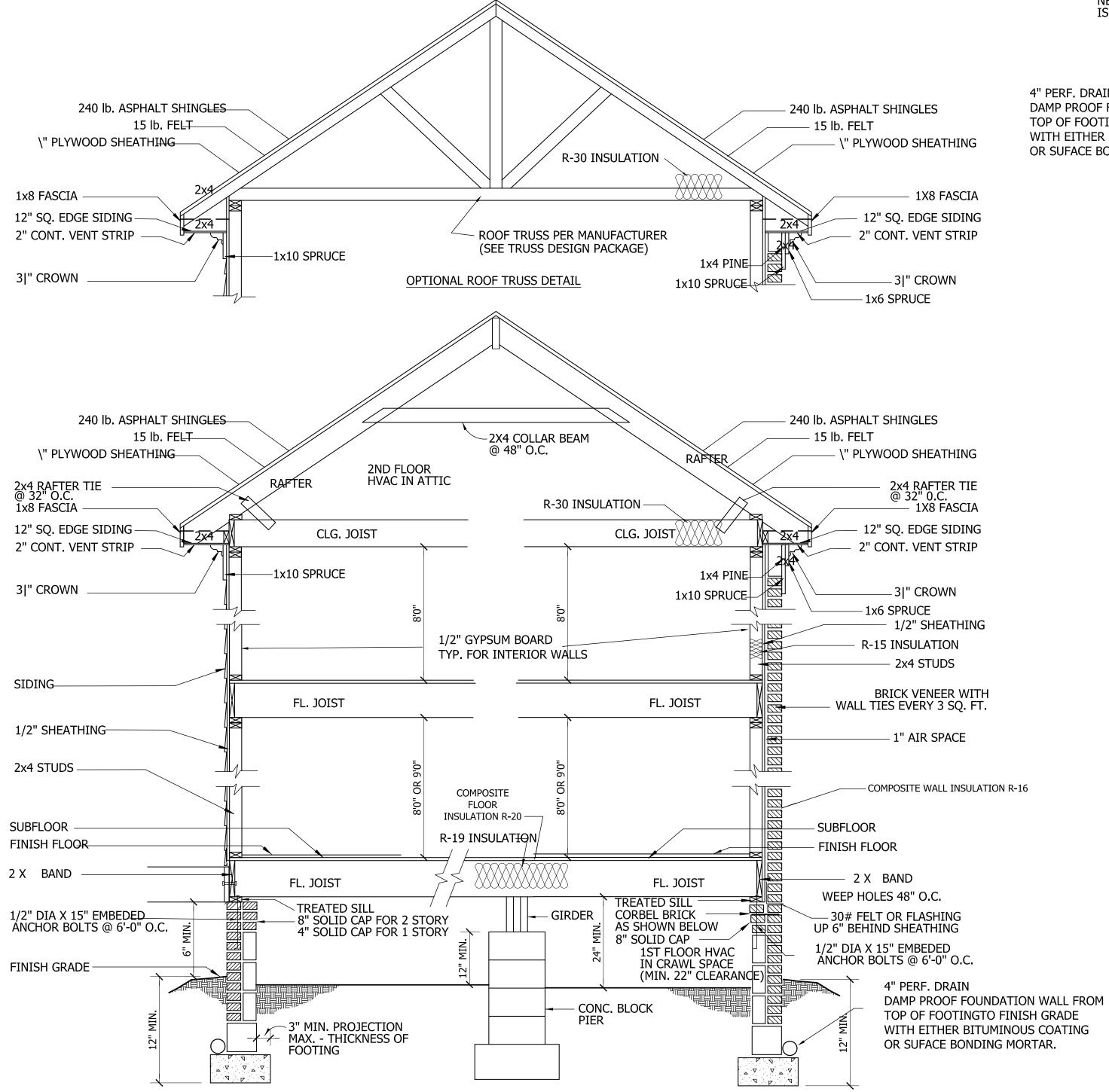
DATE: 8/9/23

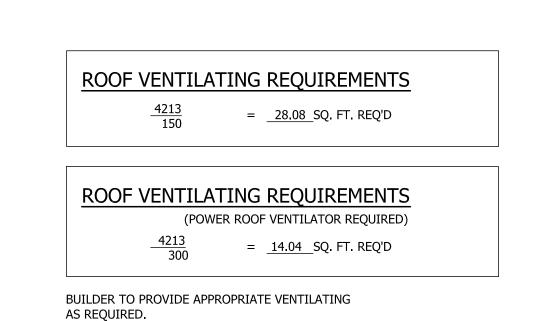
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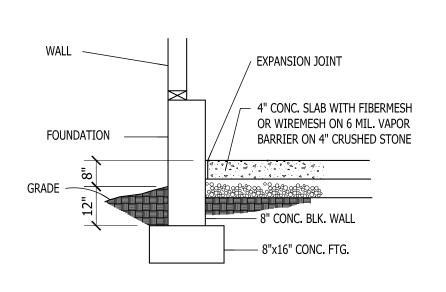
OF

PLAN NO. DK4288

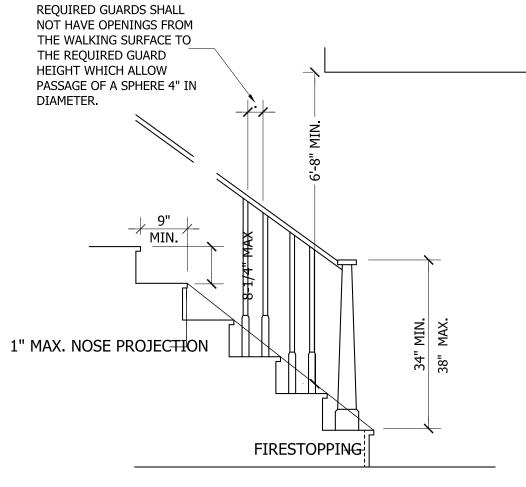












Stairways shall not be less than 36 inches in clear width at all points above the permitted handrail height and below the required headroom height. Handrails shall not project more than 4.5 inches on either side of the stairway and the minimum clear width of the stairway at and below the handrail height, including treads and landings, shall not be less than 31-1/2 inches where a handrail is installed on one side and 27 inches where handrails are provided on both sides

STAIR DETAIL

WALL SECTION

SCALE: \" = 1'-0"

BRICK SECTION

SIDING SECTION

GENERAL FOUNDATION NOTES:

1. THIS PLAN DESIGNED IN ACCORDANCE WITH THE NORTH CAROLINA

RESIDENTIAL BUILDING CODE, 2018 EDITION. 2. EXTERIOR WALL FOOTING TO BE A MINIMUM OF 16" WIDE AND CONSTRUCTED

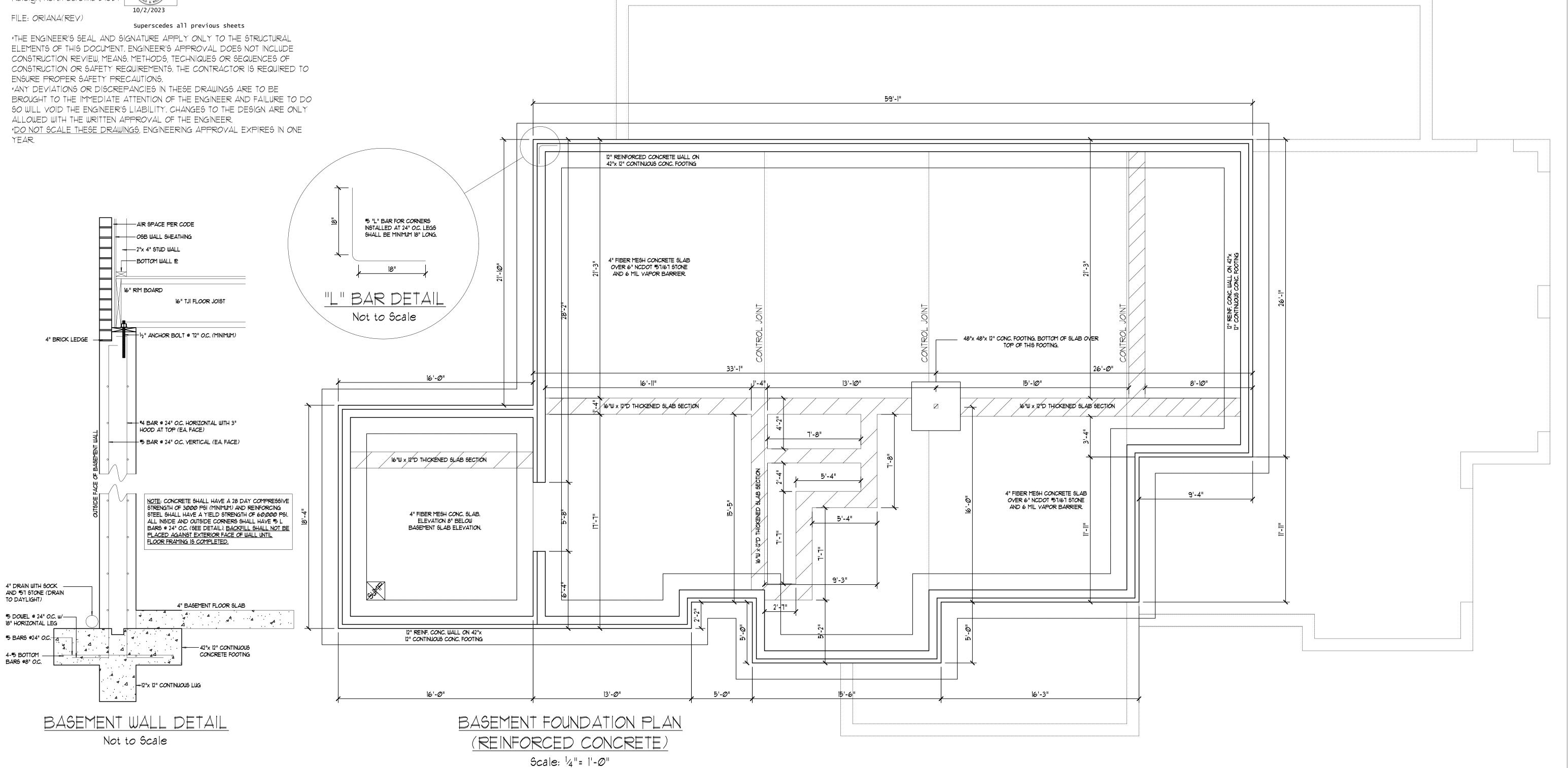
WITH 3000 PSI CONCRETE. FOR FOUNDATION WALL HEIGHT, THICKNESS AND BACKFILL REQUIREMENTS REFER TO STATE AND LOCAL BUILDING CODES. THE ASSUMED SOIL BEARING CAPACITY FOR THIS PROJECT IS 2000 PSF. THE CONTRACTOR MUST VERIFY THE SITE CONDITIONS AND CONTACT A SOILS ENGINEER IF MARGINAL OR UNSTABLE SOILS ARE ENCOUNTERED. 3. ALL FOOTINGS SHALL BEAR ON UNDISTURBED SUB-GRADE A MINIMUM OF 12" BELOW ADJACENT FINISHED GRADE OR AS OTHERWISE DIRECTED BY THE LOCAL INSPECTOR.

4. FOUNDATION DRAINAGE SHALL BE IN ACCORDANCE WITH SECTION R405 "FOUNDATION DRAINAGE" AND SECTION R406 "FOUNDATION WATERPROOFING AND DAMPPROOFING".

5. ANCHOR BOLTS SHALL BE 1/2" DIAMETER AND INSTALLED AT 12" ON CENTER AND 12" FROM EACH CORNER OR SILL PLATE SPICE LOCATIONS.

STRUCTURAL EVALUATION BY: Ronald B. Wilkins WILKINS ENGINEERING, P.C.

Post Office Box 37449 Raleigh, North Carolina 27627 - DEBROOMS (1940).



Sheet No.

GENERAL FOUNDATION NOTES:

1. THIS PLAN DESIGNED IN ACCORDANCE WITH THE NORTH CAROLINA

RESIDENTIAL BUILDING CODE, 2018 EDITION. 2. EXTERIOR WALL FOOTING TO BE A MINIMUM OF 16" WIDE AND CONSTRUCTED WITH 3000 PSI CONCRETE. FOR FOUNDATION WALL HEIGHT, THICKNESS AND BACKFILL REQUIREMENTS REFER TO STATE AND LOCAL BUILDING CODES. THE ASSUMED SOIL BEARING CAPACITY FOR THIS PROJECT IS 2000 PSF. THE CONTRACTOR MUST VERIFY THE SITE CONDITIONS AND CONTACT A SOILS ENGINEER IF MARGINAL OR UNSTABLE SOILS ARE ENCOUNTERED. 3. ALL FOOTINGS SHALL BEAR ON UNDISTURBED SUB-GRADE A MINIMUM OF 12" BELOW ADJACENT FINISHED GRADE OR AS OTHERWISE DIRECTED BY THE

LOCAL INSPECTOR. 4. FOUNDATION DRAINAGE SHALL BE IN ACCORDANCE WITH SECTION R405 "FOUNDATION DRAINAGE" AND SECTION R406 "FOUNDATION WATERPROOFING AND DAMPPROOFING".

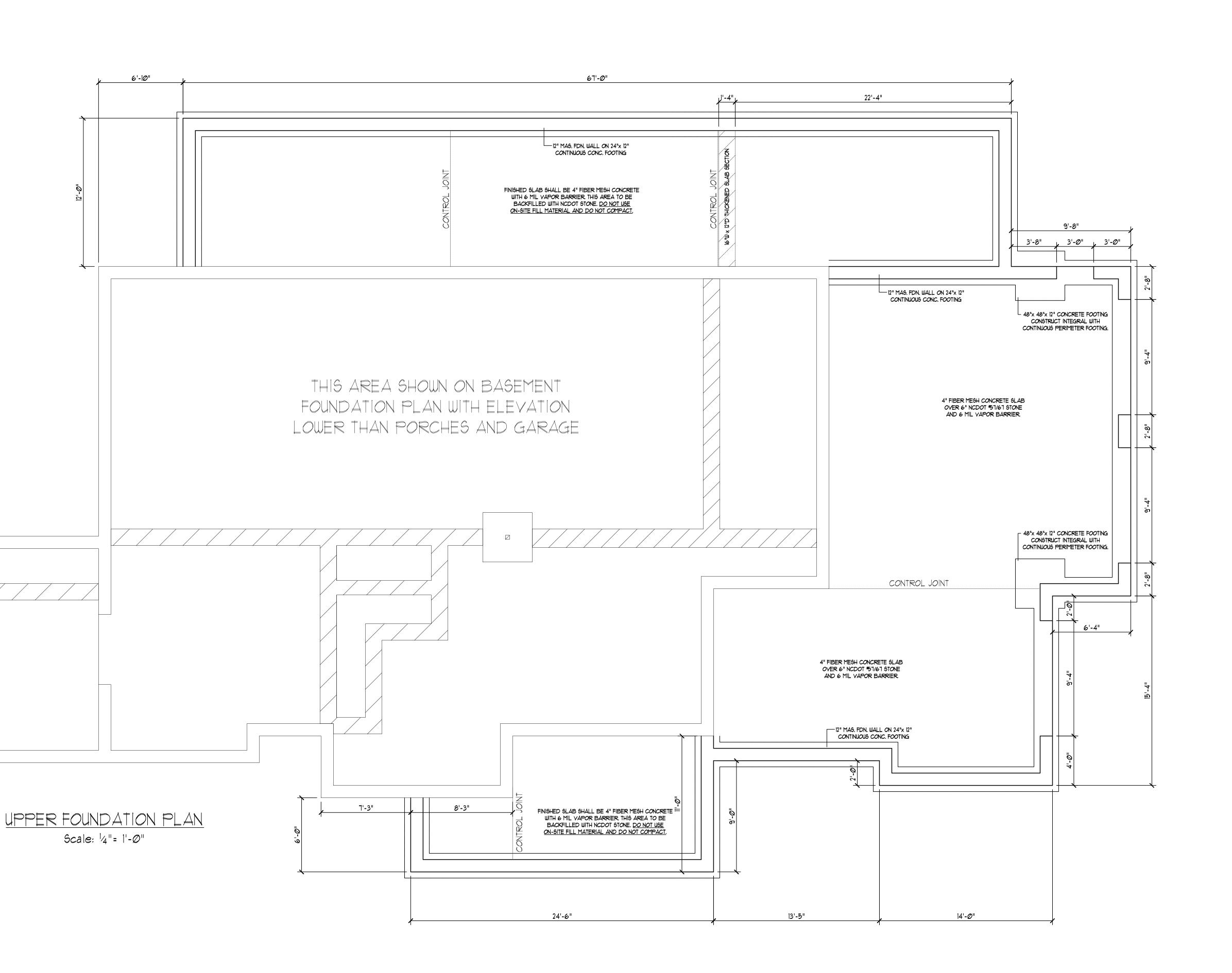
5. ANCHOR BOLTS SHALL BE 1/2" DIAMETER AND INSTALLED AT 72" ON CENTER AND 12" FROM EACH CORNER OR SILL PLATE SPICE LOCATIONS.

STRUCTURAL EVALUATION BY:

WILKINS ENGINEERING, P.C. Post Office Box 37449 Raleigh, North Carolina 2762

*THE ENGINEER'S SEAL AND SIGNATURE APPLY ONLY TO THE STRUCTURAL ELEMENTS OF THIS DOCUMENT. ENGINEER'S APPROVAL DOES NOT INCLUDE CONSTRUCTION REVIEW, MEANS. METHODS, TECHNIQUES OR SEQUENCES OF CONSTRUCTION OR SAFETY REQUIREMENTS. THE CONTRACTOR IS REQUIRED TO ENSURE PROPER SAFETY PRECAUTIONS.

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Sheet No.

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3. ALL FOOTINGS SHALL BEAR ON UNDISTURBED SUB-GRADE A MINIMUM OF 12" BELOW ADJACENT FINISHED GRADE OR AS OTHERWISE DIRECTED BY THE LOCAL INSPECTOR.

GENERAL NOTES:

1.THIS PLAN IS DESIGNED IN ACCORDANCE WITH THE NORTH CAROLINA RESIDENTIAL BUILDING CODE, 2018 EDITION.

2. WALL CLADDING IS DESIGNED FOR A POSITIVE/NEGATIVE PRESSURE OF NOT LESS THAN 24.1 PSF.

3. ROOF CLADDING DESIGN VALUES (POSITIVE/NEGATIVE) SHALL BE AS FOLLOWS: 45.5 PSF FOR ROOF PITCHES FROM Ø/12 TO 2.25/12

34.5 PGF FOR ROOF PITCHES FROM 2.25/12 TO 1/12 21.0 PGF FOR ROOF PITCHES FROM 1/12 TO 12/12

21.0 PSF FOR ROOF PITCHES FROM 1/12 TO 12/12 MEAN ROOF HEIGHT FOR THIS STRUCTURE IS 14'

5. DESIGN CRITERIA IS AS FOLLOWS:

DEAD LOAD (PSF)

PRIMARY FLOOR

10

40

SECONDARY FLOOR

SLEEPING AREAS

ID

40

ATTIC (W/ STAIRS)

ID

30

ATTIC (W/O STAIRS)

ID

20

WIND LOADING IS BASED ON 3 SECOND GUST OF I30 MILES PER HOUR

LIVE LOAD DEFLECTION LIMITS (LIVE LOAD) ARE L/360 FOR FLOORS, L/240 FOR ROOF

6. ALL HEADERS IN LOAD BEARING WALL SHALL BE 2-2"X 10" UNLESS NOTED OTHERWISE.
FULL HEIGHT KING STUDS SHALL BE INSTALLED ON EACH SIDE OF EXTERIOR WALL
HEADERS AND BEAMS AS FOLLOWS:
HEADER SPAN STUDS @ 16" O.C. STUDS @ 24" O.C.

1. ALL LUMBER USED FOR JOISTS AND RAFTERS SHALL BE *2 SPF OR BETTER LUMBER USED FOR STUD WALL SHALL BE *3 SPF OR BETTER.

8. LVL SHALL BE LAMINATED VENEER LUMBER OR PARALLEL STRAND LUMBER WITH THE FOLLOWING MINIMUM PROPERTIES: Fb=2800 PSI, Fv=285 PSI, E=2,000,000 PSI. MULTIPLE LYL PLIES CAN BE USED TO ACHIEVE THE SPECIFIED SIZE SHOWN ON THESE PLANS AND IS CONSIDERED TO BE STRUCTURALLY EQUIVALENT.

GENERAL ROOF NOTES:

1. THIS PLAN DESIGNED IN ACCORDANCE WITH THE NORTH CAROLINA RESIDENTIAL BUILDING CODE, 2018 EDITION.

2. ROOF CLADDING DESIGN VALUES (POSITIVE/NEGATIVE) SHALL BE AS FOLLOWS: 45.5 PSF FOR ROOF PITCHES FROM Ø/12 TO 2.25/12

34.5 PSF FOR ROOF PITCHES FROM 2.25/12 TO 1/12 21.0 PSF FOR ROOF PITCHES FROM 1/12 TO 12/12

MEAN ROOF HEIGHT FOR THIS STRUCTURE IS 14'

3. ALL ROOFING ELEMENTS SHALL MEET THE REQUIREMENTS OF CHAPTER 8 OF THE BUILDING CODE.

BUILDING CODE.

4. ALL LUMBER SHALL BE *2 SPF, SYP, OR BETTER.

5. THIS ROOF AND STRUCTURE ARE DESIGNED FOR A DESIGN WIND SPEED OF 130 MPH.

5. THIS ROOF AND STRUCTURE ARE DESIGNED FOR A DESIGN WIND SPEED OF 130 MPH.
6. ROOF TRUSSES (IF USED) SHALL BE DESIGNED BY THE MANUFACTURER AND THE
ANALYSIS SHALL BE PROVIDED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR
TO CONSTRUCTION.

STRUCTURAL EVALUATION BY
WILKING ENGINEERING, P.C.
Post Office Box 37449
Raleigh, North Carolina 27627

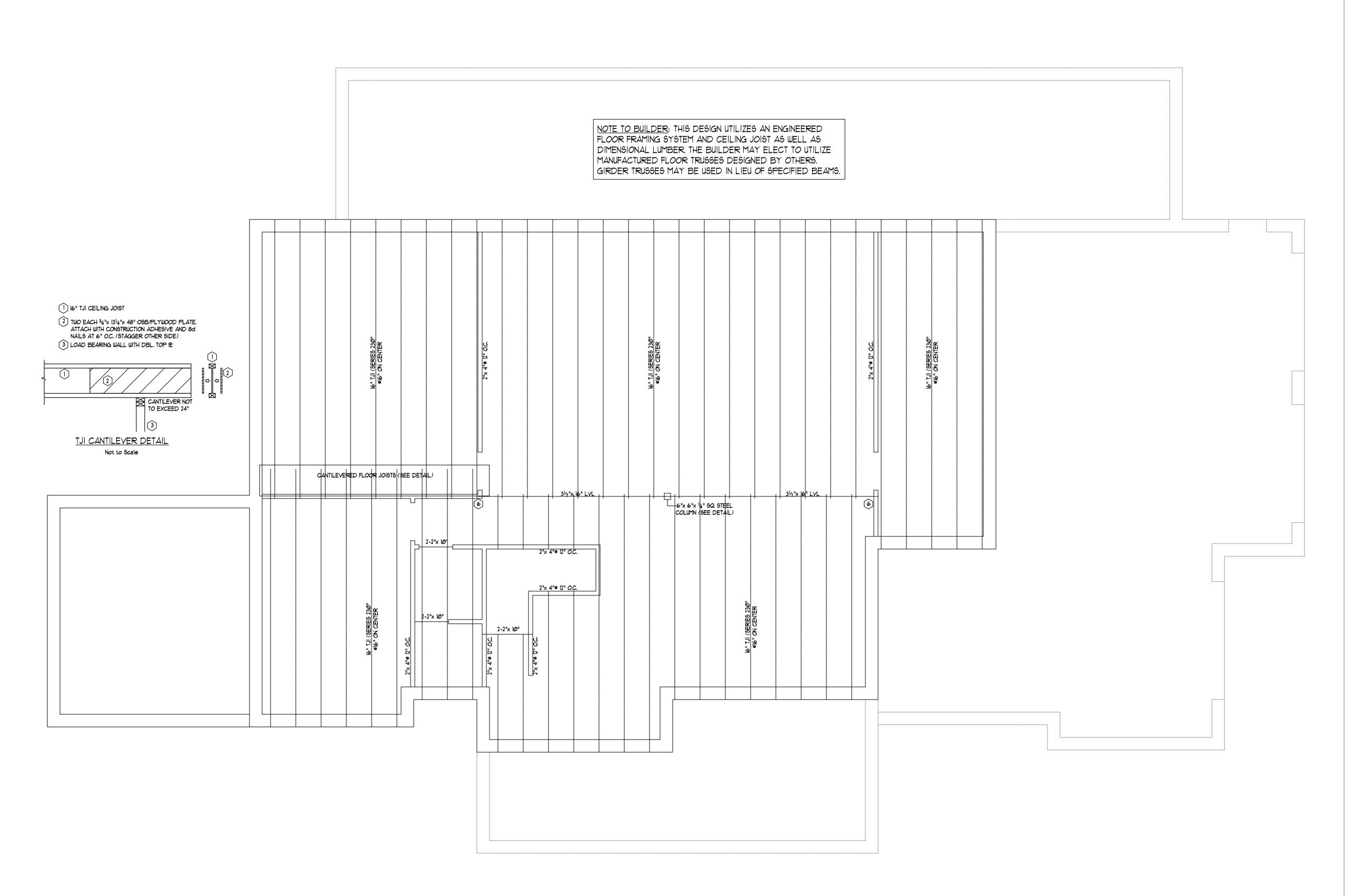
Rangla B. Wilking
Deposition 10157

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PRECAUTIONS.

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*DO NOT SCALE THESE DRAWINGS. ENGINEERING APPROVAL EXPIRES IN ONE YEAR.



BASEMENT CEILING PLAN

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

ALL DIMENSIONS AND SITE DIMENSIONS ARE TO BE
VERFIED BEFORE CONSTRUCTION BEGINS. SHOULD
ANY DISCREPANCIES OR OMISSIONS BE NOTED THE
BUILDER AGREES TO NOTIFYTHE ENGINEER IMMEDIATELY.
THESE DRAWINGS APPLY TO STRUCTURAL ELEMENTS ONLY.
THE ENGINEER ASSUMES NO RESPONSIBILITY FOR CODE

THESE DRAWINGS ARE PROTECTED UNDER FEDERAL
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THESE DRAWINGS IS LICENSED TO USE THE PLANS FO
THE CONSTRUCTION OF ONE AND ONLY ONE SINGLE
FAMILY HOME. REPRODUCTION, MODIFICATION, OR
REUSE OF THESE DRAWINGS WITHOUT THE WRITTEN
CONSENT OF THE ENGINEER IS EXPRESSLY
ICOM

WILKINS ENGINEERIN Post Office Box 37446 Raleigh, NC 27627

ORIANA PLAN

Sheet No.

52

CENERAL NOTES: ITHIS PLAN IS DESIGNED IN ACCORDANCE WITH THE NORTH CAROLINA RESIDENTIAL BUILDING CODE, 208 EDITION. 2. WALL CLADDING IS DESIGNED FOR A POSITIVE NEGATIVE PRESSURE OF NOT LESS THAN 241 PSF. 3. ROOF CLADDING DESIGN VALUES (POSITIVE NEGATIVE PRESSURE OF NOT LESS THAN 241 PSF. 3. ROOF CLADDING DESIGN VALUES (POSITIVE NEGATIVE) SHALL BE AS FOLLOUS: 455 PSF FOR ROOF PITCHES FROM 20/2 TO 225/1/2 345 PSF FOR ROOF PITCHES FROM 21/2 TO 225/1/2 345 PSF FOR ROOF PITCHES FROM 21/2 TO 12/1/2 1/2 PSF FOR ROOF PITCHES FROM 12/5 TO 12/1/2 1/2 PSF FOR ROOF PITCHES FROM 12/5 TO 12/1/2 MEAN ROOF HEIGHT FOR THIS STRUCTURE IS 18' 4. ALL WALLS, CEILINGS, AND FLOORS SHALL BE INSULATED IN ACCORDANCE WITH PART IV, ENERGY CONSERVATION, CHAPTER II, ENERGY EFFICIENCE OF THE CODE FOR ZONE 41 (TABLE HIRO)2.) 5. DESIGN CRITERIA IS AS FOLLOUS. DEAD LOOD (PSF) LIVE LOAD (PSF) PRIMARY FLOOR 1/2 4/0 9. SEEPING AREAS 1/2 4/0 9. SEEPING AREAS 1/2 4/0 ATTIC (W/ STAIRS) 1/2 3/2 ATTIC (W/ STAIRS) 1/2 3/2 WIND LOADING IS BASED ON 3 SECOND GUST OF IIS MILES FER HOUR LIVE LOAD DEFLICTION LIMITS (LIVE LOAD) ARE L/36/0 FOR FLOORS, L/24/0 FOR ROOF 6. ALL HEADERS SHOW DEARNING WILL SHALL BE 72.1/2 1/2 "UNITEDS SHOULDED FOR EXTERIOR WALL HEADERS SHAD BEARS 5 SHOLLOUS. 12-0/2 HEADERS SHAD SE SHOLLOUS. STUDS 6 16" OC. STUDS 6 16" OC. 13-0/2 14-0/2 1-0/2	2-3'Y (B)* 3-3'Y (B)* 5-3'Y (B)*
8'-0" 3 2 12'-0" 5 3 16'-0" 6 4 1. ALL LUMBER USED FOR JOISTS AND RAFTERS SHALL BE 12 SPF OR BETTER LUMBER USED FOR STUD WALL SHALL BE 13 SPF OR BETTER 8. LVL SHALL BE LAMINATED VENEER LUMBER OR PARALLEL STRAND LUMBER WITH THE FOLLOWING MINIMUM PROPERTIES: Fb=2800 PSI, Fv=285 PSI, E=2000000 PSI. MULTIPLE LVL PLIES CAN BE USED TO ACHIEVE THE SPECIFIED SIZE SHOWN ON THESE PLANS AND 16 CONSIDERED TO BE STRUCTURALLY EQUIVALENT. 9. THE FOLLOWING SHALL APPLY TO ALL BRACED WALL LINES: ALL EXTERIOR WALLS SHALL BE CONTINUOUSLY SHEATHED WITH 1/2" OSB OR CDX. WSP SHALL BE IN ACCORDANCE WITH R-602103 AND SHALL BE COVERED WITH 1/2" GYPSUM BOARD ON THE INTERIOR FACE. ALL WSP PANELS SHALL BE FASTEROR WALLS SHALL BE PLANES SHALL BE FASTEROR WALLS SHALL BE PLANES SHALL BE FASTEROR WALLS SHALL BE PLANES SHALL BE FASTEROR WALLS SHALL BE 10 ACCORDANCE WITH R-602103 AND SHALL BE FASTEROR WALLS SHALL BE 10 ACCORDANCE WITH R-602103 AND SHALL BE FASTEROR WALLS SHALL BE 10 ACCORDANCE WITH R-602103 AND SHALL BE FASTEROR WALLS SHALL BE 2"X 4" AT 16" ON CENTER AS A MINIMUM (EXCEPT FOR BALLOON FRAMED WALL SECTIONS AS NOTED) AND CONTINUOUSLY SHEATHED.	Solve to builder all exterior framing must be connected for man looke framing out brock.
STRUCTURAL EVALUATION BY: WILKINS ENSINEERING, P.C. Post Office Box 31449 Raieigh North Carolina 2162 Routure Apply only to the structural elements of this documents, apply only to the structural elements of this documents, apply only to the structural elements of this documents, apply only to the structural review, the Most Methods, techniques or stouences of construction review, the Most Methods, techniques or stouences of construction or safety recuments. **ANY DEVIATIONS OR DISCREPANCIES IN THE ENGINEER AND FAILURE TO DO SO WILL VOID THE ENGINEERS LIABILITY, CHANGES TO THE DEGISH ARE ONLY ALLOWED WITH THE WRITTEN APPROYAL OF THE ENGINEER AD FAILURE TO DO SO WILL VOID THE ENGINEER APPROYAL OF THE ENGINEER OF THE DEGISH ARE ONLY ALLOWED WITH THE WRITTEN APPROYAL OF THE ENGINEER OF THE DEGISH ARE ONLY ALLOWED WITH THE WRITTEN APPROYAL OF THE ENGINEER OF THE ONLY ALLOWED WITH THE WRITTEN APPROYAL OF THE ENGINEER OF THE ONLY ALLOWED WITH THE WRITTEN APPROYAL OF THE ENGINEER OF THE ONLY ALLOWED WITH THE WRITTEN APPROYAL OF THE ENGINEER OF THE ONLY ALLOWED WITH THE WRITTEN APPROYAL OF THE ENGINEER OF THE ONLY ALLOWED WITH THE WRITTEN APPROYAL OF THE ENGINEER OF THE ONLY ALLOWED WITH THE WRITTEN APPROYAL OF THE ENGINEER OF THE ONLY AND	PACKET AND SECURISH S
HEADER PER PLAN STAP HEADER TO JACK STUD ON INSIDE 1000 LBS OR 4000 LBS WITH PONY WALL. FASTEN SHEATHING TO HEADER WITH SD COMMON NAIL IN 6" (SRID AND TO FRAMING AT 6" ON CENTER OPTIONAL SPLICE WITHIN 24" OF MIDDLE OF WALL HEIGHT JACK STUDS PER PLAN SHEATHING DIRECTION	27 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	FIRST FLOOR PLAN Scale: 1/4"= 1'-0"

WILKING ENGINEERING Post Office Box 37446 Raleigh, NC 27627

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ORIANA ANAIMO A-OU

Sheet No.

GENERAL NOTES: I.THIS PLAN IS DESIGNED IN ACCORDANCE WITH THE NORTH CAROLINA RESIDENTIAL

BUILDING CODE, 2018 EDITION. 2. WALL CLADDING IS DESIGNED FOR A POSITIVE/NEGATIVE PRESSURE OF NOT LESS

THAN 24.1 PSF.

3. ROOF CLADDING DESIGN VALUES (POSITIVE/NEGATIVE) SHALL BE AS FOLLOWS: 45.5 PSF FOR ROOF PITCHES FROM Ø/12 TO 2.25/12

34.5 PSF FOR ROOF PITCHES FROM 2.25/12 TO 1/12 21.0 PSF FOR ROOF PITCHES FROM 1/12 TO 12/12

MEAN ROOF HEIGHT FOR THIS STRUCTURE IS 18' 4. ALL WALLS, CEILINGS, AND FLOORS SHALL BE INSULATED IN ACCORDANCE WITH PART IV, ENERGY CONSERVATION, CHAPTER II, ENERGY EFFICIENCE OF THE CODE FOR ZONE 41

(TABLE n1101.2.1) 5. DESIGN CRITERIA IS AS FOLLOWS:

DEAD LOAD (PSF)

LIVE LOAD (PSF)

	DEAD LOAD (PSF)	LIVE LOAD (PSF.
PRIMARY FLOOR	10	40
SECONDARY FLOOR	10	4Ø
SLEEPING AREAS	10	4Ø
ATTIC (W/ STAIRS)	10	3 <i>Ø</i>
ATTIC (W/O STAIRS)	10	2Ø
ROOF	10	2Ø
WIND LOADING IS BASED	ON 3 SECOND GUST	OF 115 MILES PER HOUR

LIVE LOAD DEFLECTION LIMITS (LIVE LOAD) ARE L/360 FOR FLOORS, L/240 FOR ROOF 6. ALL HEADERS IN LOAD BEARING WALL SHALL BE 2-2"X 10" UNLESS NOTED OTHERWISE. FULL HEIGHT KING STUDS SHALL BE INSTALLED ON EACH SIDE OF EXTERIOR WALL HEADERS AND BEAMS AS FOLLOWS:

DENO AND DEALIS	AS FOLLOWS:	
HEADER SPAN	STUDS @ 16" O.C.	STUDS @ 24" O.C.
3' -Ø "	1	1
4'-Ø"	2	1
8'-Ø"	3	2
12'-Ø"	5	3
16'-0"	6	4
I LUMBER USED FO	OR JOISTS AND RAFTER	RS SHALL BE #7 SPE OR BE

1. ALL LUMBER USED FOR JOISTS AND RAFTERS SHALL BE $^*\!2$ SPF OR BETTER. LUMBER USED FOR STUD WALL SHALL BE $^*\!3$ SPF OR BETTER.

8. LVL SHALL BE LAMINATED VENEER LUMBER OR PARALLEL STRAND LUMBER WITH THE FOLLOWING MINIMUM PROPERTIES: Fb=2800 PSI, Fv=285 PSI, E=2,000,000 PSI. MULTIPLE LYL PLIES CAN BE USED TO ACHIEVE THE SPECIFIED SIZE SHOWN ON THESE PLANS AND IS CONSIDERED TO BE STRUCTURALLY EQUIVALENT.

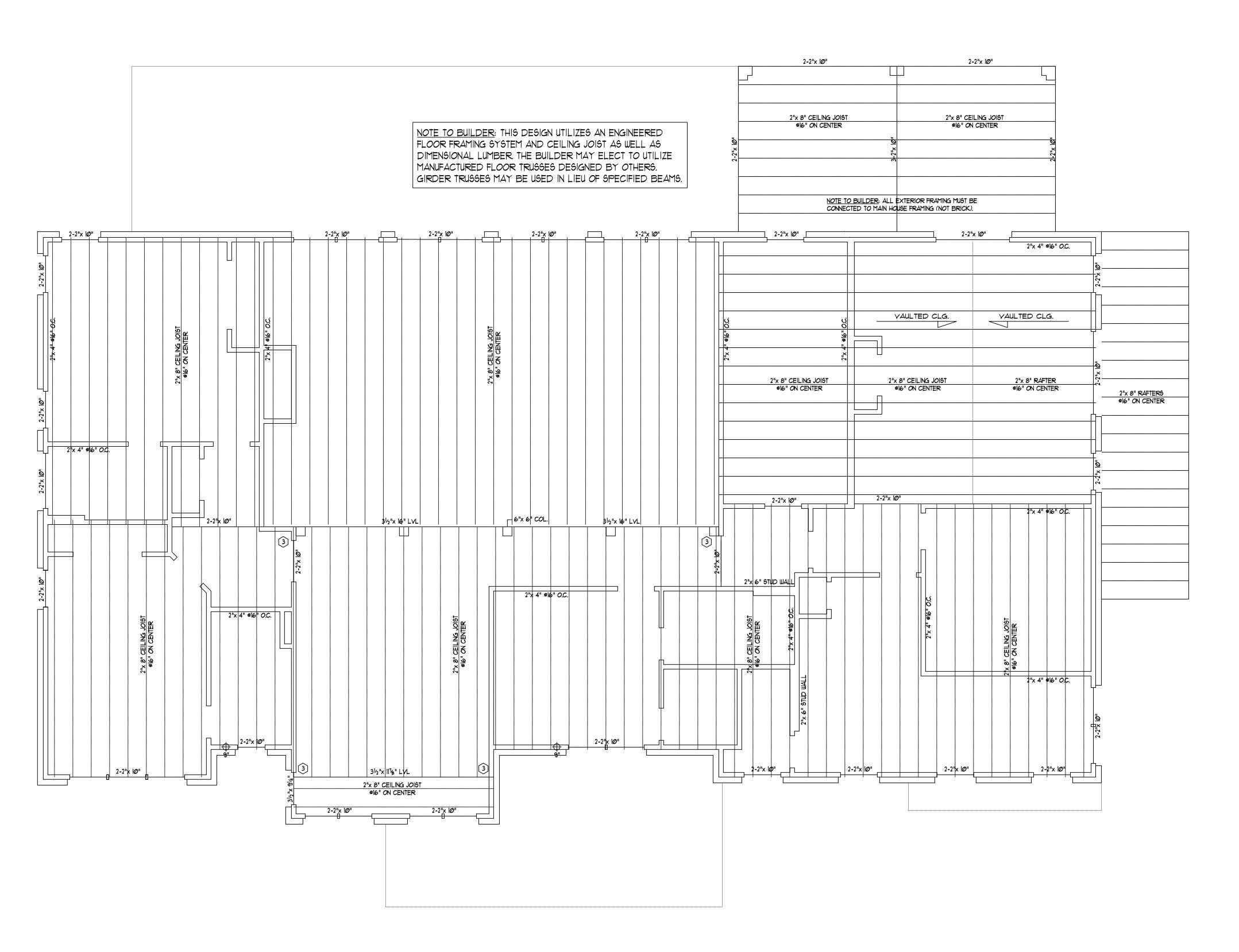
9. THE FOLLOWING SHALL APPLY TO ALL BRACED WALL LINES: ALL EXTERIOR WALLS SHALL BE CONTINUOUSLY SHEATHED WITH 1/2" OSB OR CDX. WSP SHALL BE IN ACCORDANCE WITH R-602.103 AND SHALL BE COVERED WITH 1/2" GYPSUM BOARD ON THE INTERIOR FACE. ALL WSP PANELS SHALL BE FASTENED WITH 8d NAILS AT 12" ON CENTER (FIELD) AND 6" ON CENTER (EDGES). ALL EXTERIOR WALLS SHALL BE 2"X 4" AT 16" ON CENTER AS A MINIMUM (EXCEPT FOR BALLOON FRAMED WALL SECTIONS AS NOTED) AND CONTINUOUSLY SHEATHED.

STRUCTURAL EVALUATION BY: WILKINS ENGINEERING, P.C. Post Office Box 37449
Raleigh, North Carolina 2762

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*DO NOT SCALE THESE DRAWINGS. ENGINEERING APPROVAL EXPIRES IN ONE YEAR.



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

Sheet No.

Z

GENERAL ROOF NOTES:

I. THIS PLAN DESIGNED IN ACCORDANCE WITH THE NORTH CAROLINA RESIDENTIAL BUILDING CODE, 2018 EDITION.

2. ROOF CLADDING DESIGN VALUES (POSITIVE/NEGATIVE) SHALL BE AS FOLLOWS: 45.5 PSF FOR ROOF PITCHES FROM 0/12 TO 2.25/12 34.5 PSF FOR ROOF PITCHES FROM 2.25/12 TO 7/12

21.0 PSF FOR ROOF PITCHES FROM 1/12 TO 12/12
MEAN ROOF HEIGHT FOR THIS STRUCTURE IS 18'

3. ALL ROOFING ELEMENTS SHALL MEET THE REQUIREMENTS OF CHAPTER 8 OF THE

BUILDING CODE.

4. ALL LUMBER SHALL BE *2 SPF, SYP, OR BETTER.

5. THIS ROOF AND STRUCTURE ARE DESIGNED FOR A DESIGN WIND SPEED OF 115

MPH.
6. ROOF TRUSSES (IF USED) SHALL BE DESIGNED BY THE MANUFACTURER AND THE ANALYSIS SHALL BE PROVIDED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

STRUCTURAL EVALUATION BY:

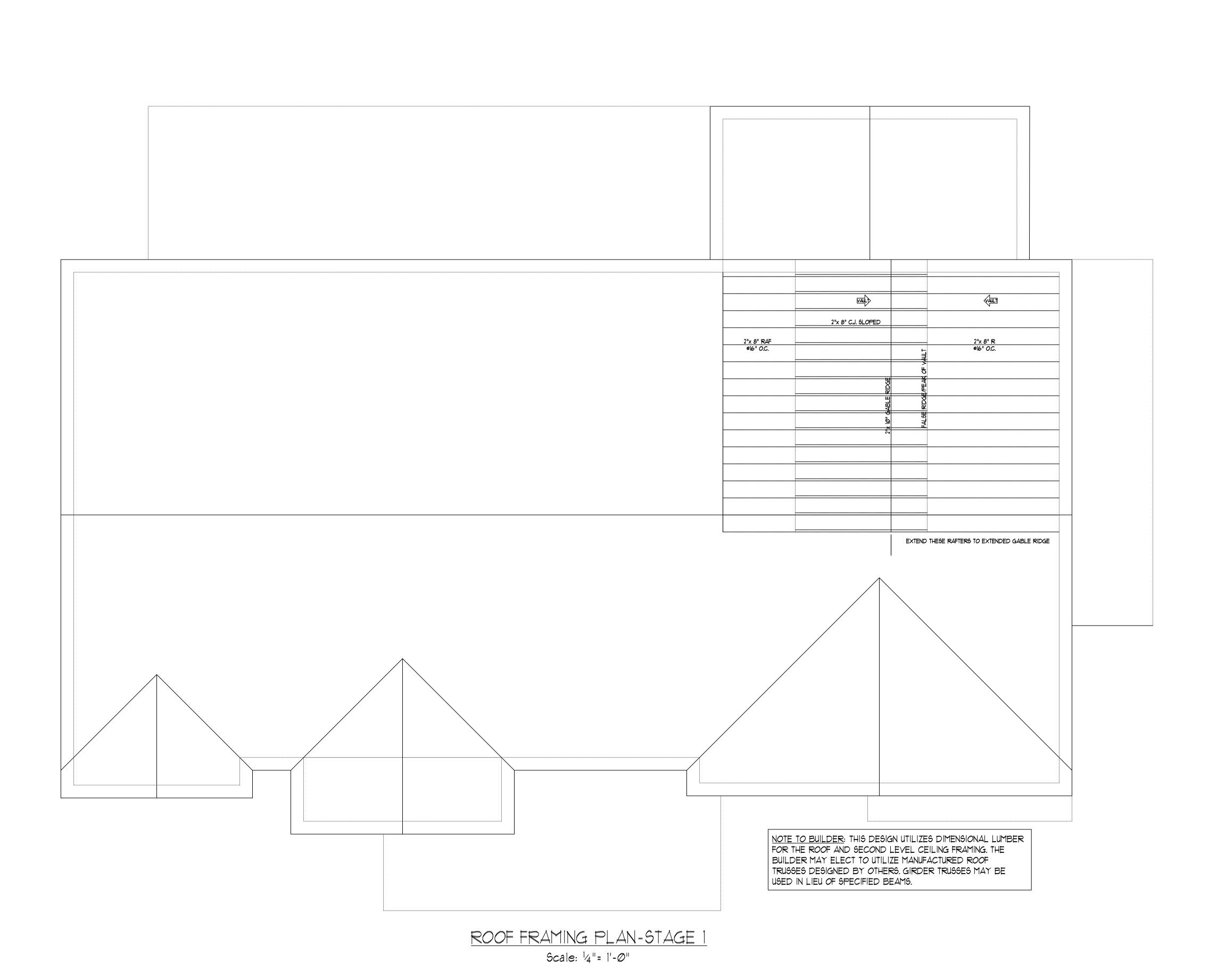
WILKING ENGINEERING, P.C.
Post Office Box 37449
Raleigh, North Carolina 27627
Reveal B. Wilkins

FILE: ORIANA

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ACT SCALE THESE DRAWINGS

DIMENSIONS AND SITE DIMENSIONS ARE TO BE
FIED BEFORE CONSTRUCTION BEGINS, SHOULD

DISCREPANCIES OR OMISSIONS BE NOTED, THE

DER AGREES TO NOTIFYTHE ENGINEER IMMEDIATELY.

E DRAWINGS APPLY TO STRUCTURAL ELEMENTS ONLY.

ENGINEER ASSUMES NO RESPONSIBILITY FOR CODE

PLIANCE OF NON-STRUCTURAL ITEMS.

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Sheet No.

S56

GENERAL ROOF NOTES:

1. THIS PLAN DESIGNED IN ACCORDANCE WITH THE NORTH CAROLINA RESIDENTIAL BUILDING CODE, 2018 EDITION.

2. ROOF CLADDING DESIGN VALUES (POSITIVE/NEGATIVE) SHALL BE AS FOLLOWS: 45.5 PSF FOR ROOF PITCHES FROM 0/12 TO 2.25/12 34.5 PSF FOR ROOF PITCHES FROM 2.25/12 TO 1/12

21.0 PSF FOR ROOF PITCHES FROM 1/12 TO 12/12

MEAN ROOF HEIGHT FOR THIS STRUCTURE IS 18' 3. ALL ROOFING ELEMENTS SHALL MEET THE REQUIREMENTS OF CHAPTER 8 OF THE BUILDING CODE.

4. ALL LUMBER SHALL BE *2 SPF, SYP, OR BETTER. 5. THIS ROOF AND STRUCTURE ARE DESIGNED FOR A DESIGN WIND SPEED OF 115

6. ROOF TRUSSES (IF USED) SHALL BE DESIGNED BY THE MANUFACTURER AND THE ANALYSIS SHALL BE PROVIDED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

STRUCTURAL EVALUATION BY:

WILKING ENGINEERING, P.C.
Post Office Box 37449
Raleigh, North Carolina 27627

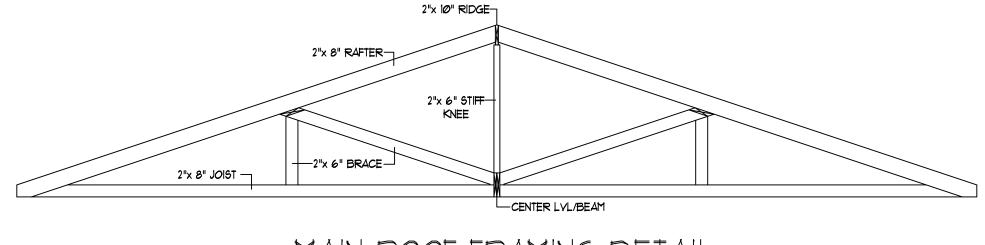
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*THE ENGINEER'S SEAL AND SIGNATURE APPLY ONLY TO THE STRUCTURAL ELEMENTS OF THIS DOCUMENT. ENGINEER'S APPROVAL DOES NOT INCLUDE CONSTRUCTION REVIEW, MEANS. METHODS, TECHNIQUES OR SEQUENCES OF CONSTRUCTION OR SAFETY REQUIREMENTS. THE CONTRACTOR IS REQUIRED TO ENSURE PROPER SAFETY PRECAUTIONS.

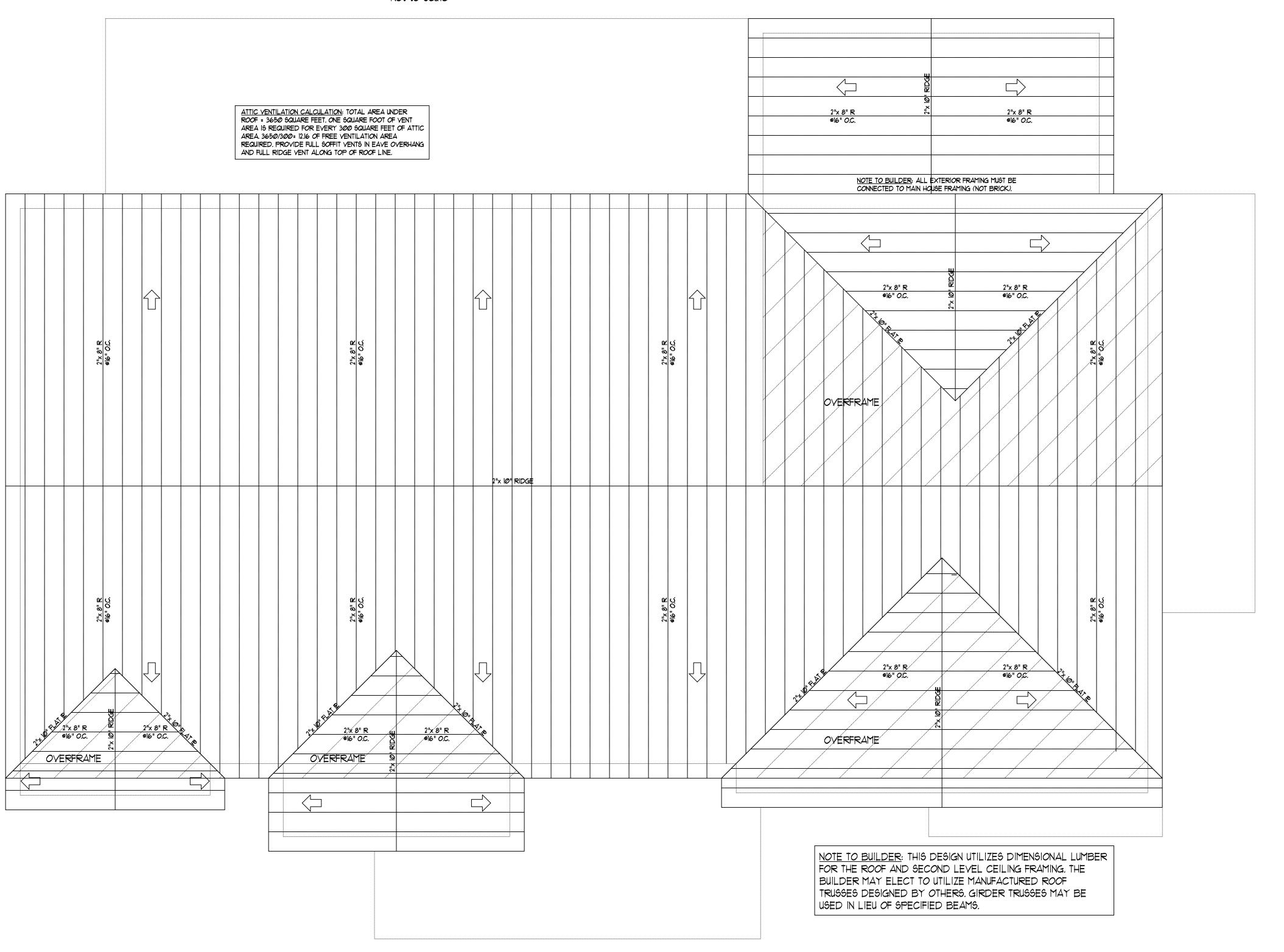
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WRITTEN APPROVAL OF THE ENGINEER. *DO NOT SCALE THESE DRAWINGS. ENGINEERING APPROVAL EXPIRES IN ONE YEAR



MAIN ROOF FRAMING DETAIL

Not to Scale



ROOF FRAMING PLAN-STAGE 2

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

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