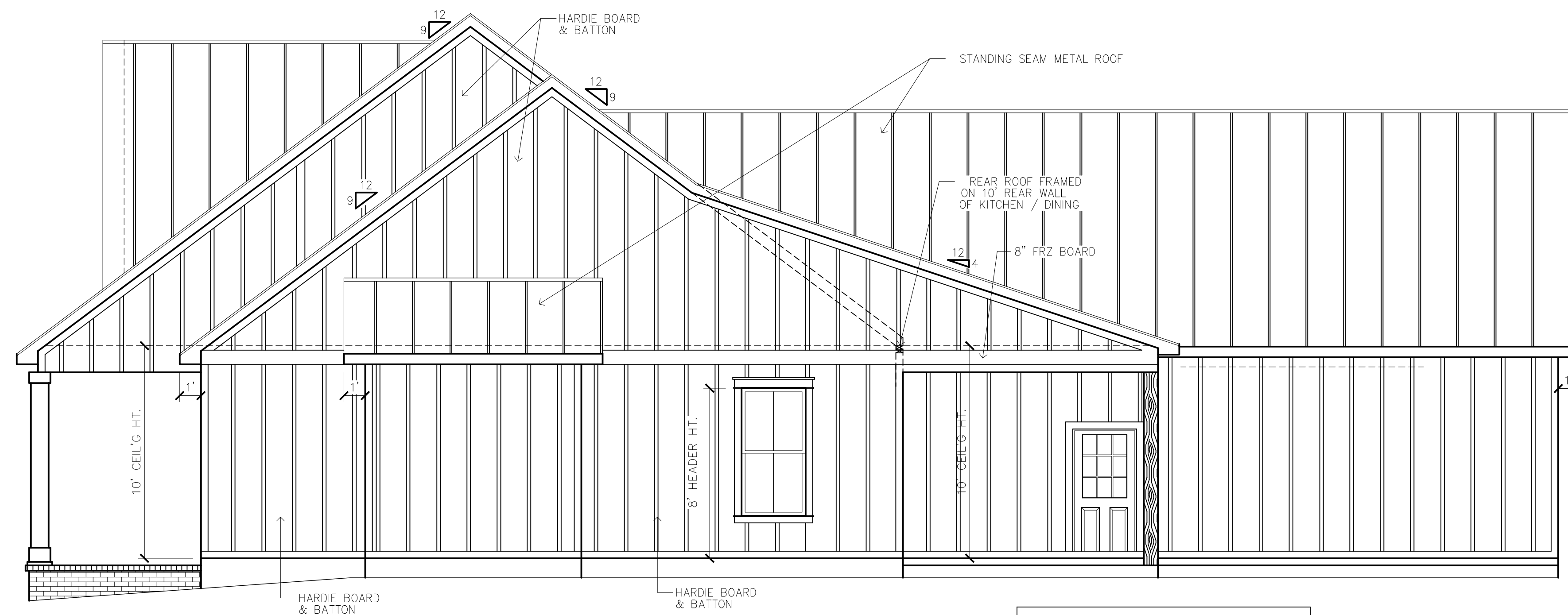




FRONT ELEVATION  
SCALE: 1/4"=1'-0"



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

**NOTE:**  
MAINTAIN MIN. 6" CLEARANCE BETWEEN  
BOTTOM OF BRICK OR SIDING AND TOP OF  
FINAL GRADING AND SODDING - TYPICAL  
ALL AROUND STRUCTURE

MADDEN HOME DESIGN, LLC NOT BEING AN ARCHITECTURAL OR ENGINEERING FIRM. THIS DRAWING IS NOT TO BE USED FOR PERMITS, OR ANY OTHER REGULATORY, LEGAL, OR ARCHITECTURAL DESIGN PURPOSES. EVERY EFFORT HAS BEEN MADE TO INSURE ALL DIMENSIONS ARE CORRECT AND ENVIRONMENTAL REGULATIONS HAVE BEEN MET. IF AN ERROR OR OMISSION DOES OCCUR, IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR OMISSION AT HIS OWN EXPENSE AND NOT THE RESPONSIBILITY OF MADDEN HOME DESIGN, LLC. MADDEN HOME DESIGN, LLC IS NOT PROVIDING SERVICE FOR THE CONTRACTOR'S RESPONSIBILITY FOR VERIFICATION OF DIMENSIONS IN THE FIELD AND SHALL BUILD HOME IN ACCORDANCE WITH THE INTERNATIONAL RESIDENTIAL CODE 2018.

RESIDENCE OF  
**SHARON  
MCLAMB**

Project

**MADDEN**  
HOME DESIGN

8375 Rushing Road  
Denham Springs, Louisiana  
70726  
Phone: (225) 791-2912

**A** | **B** | **D**<sup>®</sup>

Project No.: SPRINGBLUFF-MIRROR

DATE: JUNE 10, 2022

DRAWN BY: Steven Madden

DESIGNED BY: Steven Madden

**COPYRIGHT NOTE:** ©  
These Plans Are Subject To  
Federal Copyright Laws And  
Are To Be Used For The Lot  
Number And Subdivision  
Indicated In This Title Block  
Only. Use On Any Other Site  
is Prohibited.

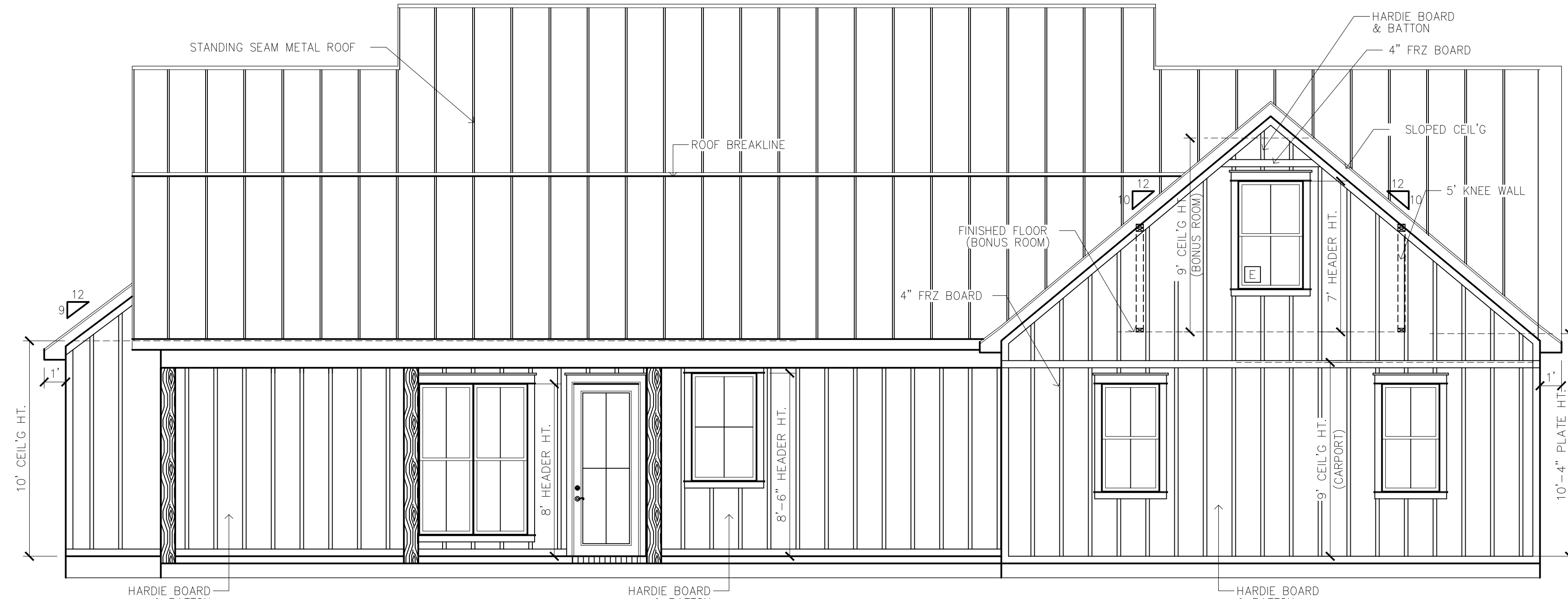
©COPYRIGHT 2022

Sheet Title: ELEVATIONS

- Preliminary Dwg.
- Bidding Doc.
- Construction Doc.

Sheet: 1 OF 5

**ATTIC VENTILATION:**  
 THE TOTAL NET FREE VENTILATING AREA SHALL NOT BE LESS THAN  $\frac{1}{30}$  OF THE AREA OF THE SPACE VENTILATED EXCEPT THAT A REDUCTION OF THE TOTAL AREA TO  $\frac{1}{60}$  IS PERMITTED, PROVIDED THAT AT LEAST 50% AND NOT MORE THAN 80% OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT LEAST 3 FEET ABOVE THE EAVE OR CORNICE VENTS WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS. THE ATTIC VENTILATION SHALL BE SUFFICIENT TO PROVIDE THE REQUIRED VOLUME OF COMBUSTION AIR. (AS PER SEC. R806 OF THE I.R.C.)



**NOTE:**  
 MAINTAIN MIN. 6" CLEARANCE BETWEEN BOTTOM OF BRICK OR SIDING AND TOP OF FINAL GRADING AND SODDING - TYPICAL ALL AROUND STRUCTURE

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



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

MADDEN HOME DESIGN, LLC NOT BEING AN ARCHITECTURAL OR ENGINEERING FIRM. THIS DOCUMENT IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF MADDEN HOME DESIGN, LLC. EVERY EFFORT HAS BEEN MADE TO INSURE ALL DIMENSIONS ARE CORRECT AND BEEN ENVIRONMENTAL REGULATIONS HAVE BEEN MET. IF AN ERROR OR OMISSION DOES OCCUR, IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR OMISSION AT HIS OWN EXPENSE AND NOT THE RESPONSIBILITY OF MADDEN HOME DESIGN, LLC. MADDEN HOME DESIGN, LLC IS NOT RESPONSIBLE FOR THE CONTRACTOR'S RESPONSIBILITY FOR VERIFICATION OF DIMENSIONS IN THE FIELD AND SHALL BUILD HOME IN ACCORDANCE WITH THE INTERNATIONAL RESIDENTIAL CODE 2018.

RESIDENCE OF  
**SHARON MCLAMB**

Project

**MADDEN HOME DESIGN**  
 8375 Rushing Road  
 Dentham Springs, Louisiana  
 70726  
 Phone: (225) 791-2912

**A | B D**

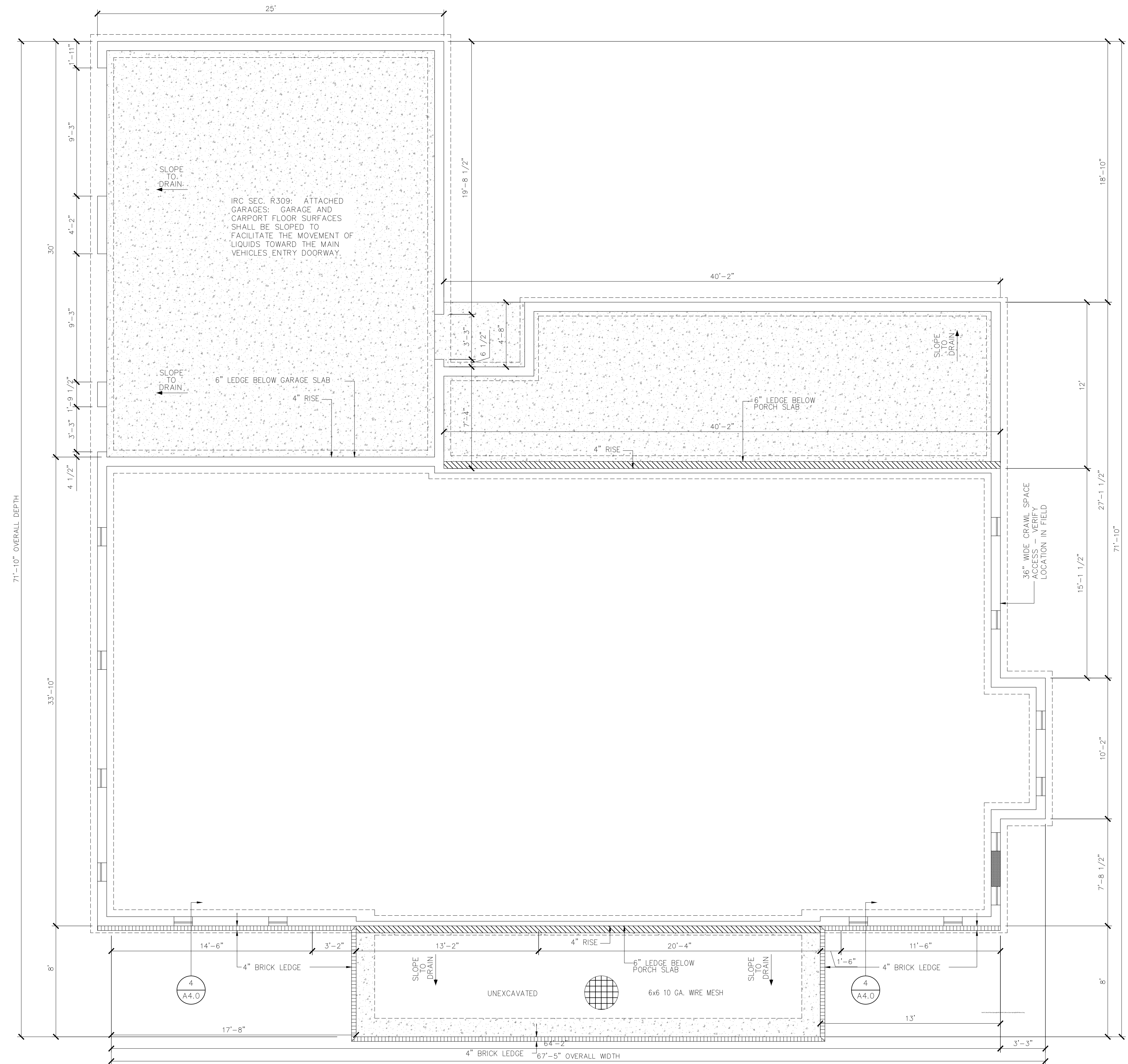
Project No.: **SPRINGBLUFF-MIRROR**  
 DATE: **JUNE 10, 2022**  
 DRAWN BY: **Steven Madden**  
 DESIGNED BY: **Steven Madden**

**COPYRIGHT NOTE:** ©  
 These Plans Are Subject To Federal Copyright Laws And Are To Be Used For The Lot Number And Subdivision Indicated In This Title Block Only. Use On Any Other Site is Prohibited.

©COPYRIGHT 2022

Sheet Title: ELEVATIONS

Sheet: 2 OF 5  
 Preliminary Dwg.  
 Bidding Doc.  
 Construction Doc.



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

**FOUNDATION GENERAL NOTES**

- THIS GENERIC FOUNDATION PLAN IS DESIGNED FOR NON EXPANSIVE SOILS WITH A BEARING CAPACITY OF AT LEAST 2500 PSF AND AN EFFECTIVE FRICTION ANGLE OF NO LESS THAN 30°. THIS PLAN IS NOT CERTIFIED FOR A SPECIFIC LOCATION, RECOMMENDED SITE GEOTECHNICAL INVESTIGATION AND COORDINATION OF THE FOUNDATION PLAN WITH SITE CONDITIONS BY A LOCAL ENGINEERING FIRM.
- CONCRETE SHOULD HAVE MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS CONCRETE DESIGN MIX SHOULD BE IN ACCORDANCE WITH ACI-318 (LATEST VERSION)
  - ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60). REINFORCING STEEL SHALL BE DETAILED AND ACCESSORIES PROVIDED IN ACCORDANCE WITH THE LATEST "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES"
  - REINFORCEMENT SHALL HAVE 3" COVER IN THE GRADE BEAM BOTTOMS, 3" COVER IN THE BEAM SIDES AND TOP. 1-1/2" COVER IN THE SLAB TOPS AND THE BOTTOMS, UNLESS NOTED OTHERWISE.
  - LAYER OF 6 MIL POLYETHYLENE VAPOR BARRIER.
  - CONCRETE SHALL BE WELL CONSOLIDATED.
  - THE CONTRACTOR SHALL VERIFY ALL DROPS, OFF-SET, BRICK LEDGES, AND BLOCK OUTS AN ARCHITECTURAL PLANS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES THAT MAY EXIST.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF THE STRUCTURAL DRAWINGS WITH ALL OTHER DRAWINGS.
  - ALTERATION TO OR DEVIATION FROM THE INFORMATION SHOWN ON THIS SHEET WITHOUT THE WRITTEN ADVANCED APPROVAL FROM THE ENGINEER WILL VOID DESIGNERS RESPONSIBILITY.
  - THIS PLAN IS FOR GRADE BEAM LOCATION AND REBAR LAYOUT ONLY.
  - ALL SUBGRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% MODIFIED PROCTOR DENSITY IN A MAXIMUM OF 6" LIFTS.
  - A MINIMUM OF 4" OF CONCRETE SHALL BE MAINTAINED THROUGHOUT THE ENTIRE SLAB.
  - ALL RUNOFF WATER SHALL BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUBBASE.
  - ALL TREES WITHIN CLOSE PROXIMITY SHALL BE MOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
  - REMOVE A MINIMUM OF 6" OF EXISTING SOIL PRIOR TO PLACING ANY FILL.
  - A MAXIMUM OF 2.0 FEET TO FILL MAY BE PLACED ON THE SITE.
  - FOLLOW REQUIREMENTS OF LOCAL JURISDICTIONS FOR REQUIRED DEPTH TO FROST LINE. CONTACT ENGINEER SHOULD REQUIREMENTS EXCEED THE LIMITS OF THIS DESIGN
  - NO FIELD SUPERVISION PROVIDED UNDER THIS SEAL UNLESS OTHERWISE NOTED.

\*ASSUMED 0.5 SF OF NET FREE AREA PER VENT - FIELD VERIFY  
\*\*MINIMUM ONE VENT WITHIN 3'-0" OF EACH CORNER AND ONE VENT EACH SIDE OF STRUCTURE

MADDEN HOME DESIGN, LLC NOT BEING AN ARCHITECTURAL OR ENGINEERING FIRM. THIS PLAN IS NOT CERTIFIED FOR A SPECIFIC LOCATION, RECOMMENDED SITE GEOTECHNICAL INVESTIGATION AND COORDINATION OF THE FOUNDATION PLAN WITH SITE CONDITIONS BY A LOCAL ENGINEERING FIRM. EVERY EFFORT HAS BEEN MADE TO INSURE ALL DIMENSIONS ARE CORRECT AND ENVIRONMENTAL REGULATIONS HAVE BEEN MET. IF AN ERROR OR OMISSION DOES OCCUR, IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR OMISSION AT HIS OWN EXPENSE AND NOT THE ENGINEER'S. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF DIMENSIONS IN THE FIELD AND SHALL BUILD HOME IN ACCORDANCE WITH THE INTERNATIONAL RESIDENTIAL CODE 2018.

RESIDENCE OF  
**SHARON MCLAMB**

Project

**MADDEN HOME DESIGN**

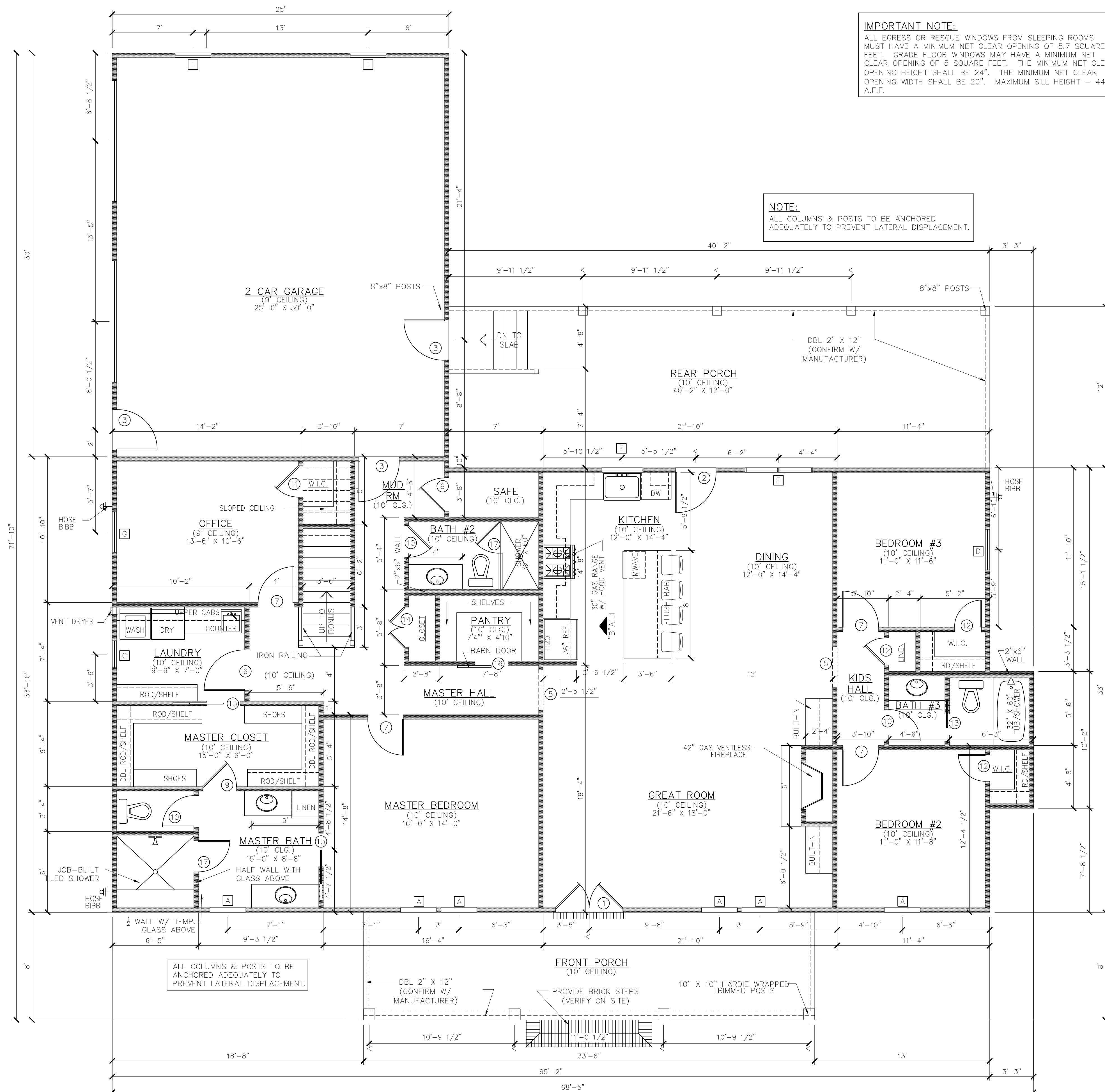
8375 Rushing Road  
Dentham Springs, Louisiana  
70726  
Phone: (225) 791-2912

**A | B D**

Project No.: **SPRINGBLUFF-MIRROR**  
DATE: **JUNE 10, 2022**  
DRAWN BY: **Steven Madden**  
DESIGNED BY: **Steven Madden**

COPYRIGHT NOTE: ©  
These Plans Are Subject To Federal Copyright Laws and Are To Be Used For The Lot Number And Subdivision Indicated In This Title Block Only. Use On Any Other Site is Prohibited.

©COPYRIGHT 2022  
Sheet Title: FOUNDATION



**IMPORTANT NOTE:**  
 ALL EGRESS OR RESCUE WINDOWS FROM SLEEPING ROOMS MUST HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET. GRADE FLOOR WINDOWS MAY HAVE A MINIMUM NET CLEAR OPENING OF 5 SQUARE FEET. THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24". THE MINIMUM NET CLEAR OPENING WIDTH SHALL BE 20". MAXIMUM SILL HEIGHT - 44" A.F.F.

**NOTE:**  
 ALL COLUMNS & POSTS TO BE ANCHORED ADEQUATELY TO PREVENT LATERAL DISPLACEMENT.

ALL COLUMNS & POSTS TO BE ANCHORED ADEQUATELY TO PREVENT LATERAL DISPLACEMENT.

CONTRACTOR TO LOCATE WATER HEATER & A/C UNITS ON SITE

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

DOOR SCHEDULE			
MARK	SIZE	DESCRIPTION	QTY.
1	DBL 2'6" X 8'0"	EXTERIOR 4 LITE 3/4 FRENCH SOLID WOOD DOORS	1 PAIR
2	3'0" X 8'0"	EXTERIOR 4 LITE FULL FRENCH WOOD DOOR	1
3	3'0" X 7'0"	EXTERIOR 4 LITE 1/2 FRENCH METAL DOOR	3
4	2'8" X 8'0"	EXTERIOR 6 PANEL METAL DOOR	1
5	3'0" X 8'0"	CASED OPENING	2
6	3'0" X 8'0"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	1
7	2'8" X 8'0"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	4
8	2'8" X 6'8"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	2
9	2'6" X 8'0"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	2
10	2'4" X 8'0"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	3
11	2'4" X 6'8"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	1
12	2'0" X 8'0"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	4
13	2'6" X 8'0"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	3
14	DBL 1'6" X 6'8"	INTERIOR HORIZONTAL PANEL H.C. MASONITE DOORS	1 PAIR
15	2'8" X 6'8"	6 PANEL SOLID CORE MASONITE ATTIC ACCESS DOOR	1
16	2'4" X 8'0"	SLIDING BARN DOOR - OWNER SELECT	1
17	2'4" X 6'0"	TEMPERED FRAMELESS GLASS SHOWER DOOR	2

WINDOW SCHEDULE			
MARK	OPENING SIZE	DESCRIPTION	QTY.
A	2'8" X 6'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	6
B	4'0" X 4'0"	DBL 4 LITE VINYL CASEMENT WINDOW INSULATED	1
C	2'0" X 3'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	1
D	3'0" X 6'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	0
E	3'0" X 5'0"	4 LITE VINYL FIXED WINDOW INSULATED	2
F	DBL 2'6" X 7'0"	2/2 LITE VINYL SINGLE HUNG WINDOWS INSULATED	1 PAIR
G	3'0" X 5'0"	2/2 LITE VINYL SINGLE HUNG WINDOWS INSULATED	2
H	2'6" X 4'0"	2/2 LITE VINYL FIXED WINDOW INSULATED (SEE ELVES)	2
I	2'8" X 5'0"	2/2 LITE VINYL SINGLE HUNG WINDOWS INSULATED	2

SQUARE FOOTAGE	
1ST FLOOR LIVING	2147
BONUS ROOM	339
FRONT PORCH	268
REAR PORCH	506
GARAGE	750
TOTAL LIVING	2486
TOTAL SQ. FT.	3836

MADDEN HOME DESIGN, LLC NOT BEING AN ARCHITECTURAL OR ENGINEERING FIRM. THESE PLANS ARE SUBJECT TO FEDERAL, STATE, AND LOCAL REGULATIONS. EVERY EFFORT HAS BEEN MADE TO INSURE ALL DIMENSIONS ARE CORRECT AND ENVIRONMENTAL REGULATIONS HAVE BEEN MET. IF AN ERROR OR OMISSION DOES OCCUR, IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR OMISSION AT HIS OWN EXPENSE AND NOT THE DESIGNER'S. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS IN THE FIELD AND SHALL BUILD HOME IN ACCORDANCE WITH THE INTERNATIONAL RESIDENTIAL CODE 2018.

RESIDENCE OF  
**SHARON MCLAMB**

Project

**MADDEN HOME DESIGN**

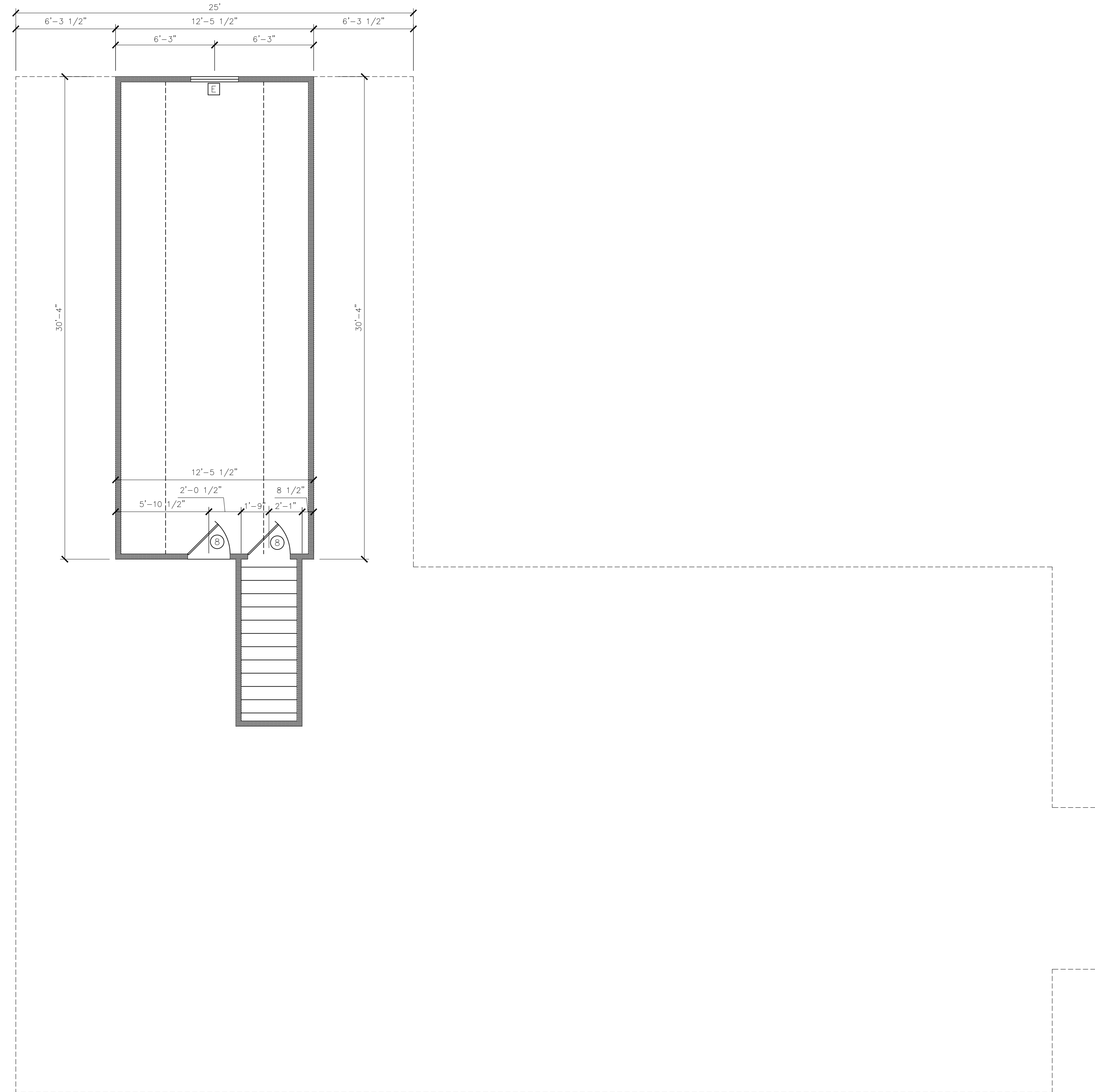
8375 Rushing Road  
 Dentham Springs, Louisiana 70726  
 Phone: (225) 791-2912

**A | B D**

Project No.: SPRINGBLUFF-MIRROR  
 DATE: JUNE 10, 2022  
 DRAWN BY: Steven Madden  
 DESIGNED BY: Steven Madden

COPYRIGHT NOTE: © These Plans Are Subject To Federal Copyright Laws and Are To Be Used For The Lot Number And Subdivision Indicated In This Title Block Only. Use On Any Other Site is Prohibited.

© COPYRIGHT 2022  
 Sheet Title: 1ST FLOOR



BONUS ROOM  
SCALE: 1/4" = 1'-0"

MADDEN HOME DESIGN, LLC NOT BEING AN ARCHITECTURAL OR ENGINEERING FIRM. THIS PLAN IS FOR INFORMATION ONLY. NO WARRANTY IS MADE BY MADDEN HOME DESIGN, LLC. EVERY EFFORT HAS BEEN MADE TO INSURE ALL DIMENSIONS ARE CORRECT AND ENVIRONMENTAL REGULATIONS HAVE BEEN MET. IF AN ERROR OR OMISSION DOES OCCUR, IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR OMISSION AT HIS OWN EXPENSE AND NOT THE RESPONSIBILITY OF MADDEN HOME DESIGN, LLC. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF DIMENSIONS IN THE FIELD AND SHALL BUILD HOME IN ACCORDANCE WITH THE INTERNATIONAL RESIDENTIAL CODE 2018.

RESIDENCE OF  
**SHARON  
MCLAMB**

Project

**MADDEN**  
HOME DESIGN

8375 Rushing Road  
Dentham Springs, Louisiana  
70726  
Phone: (225) 791-2912

**A** | **B**  
**D**

Project No.: SPRINGBLUFF-MIRROR

DATE: JUNE 10, 2022

DRAWN BY: Steven Madden

DESIGNED BY: Steven Madden

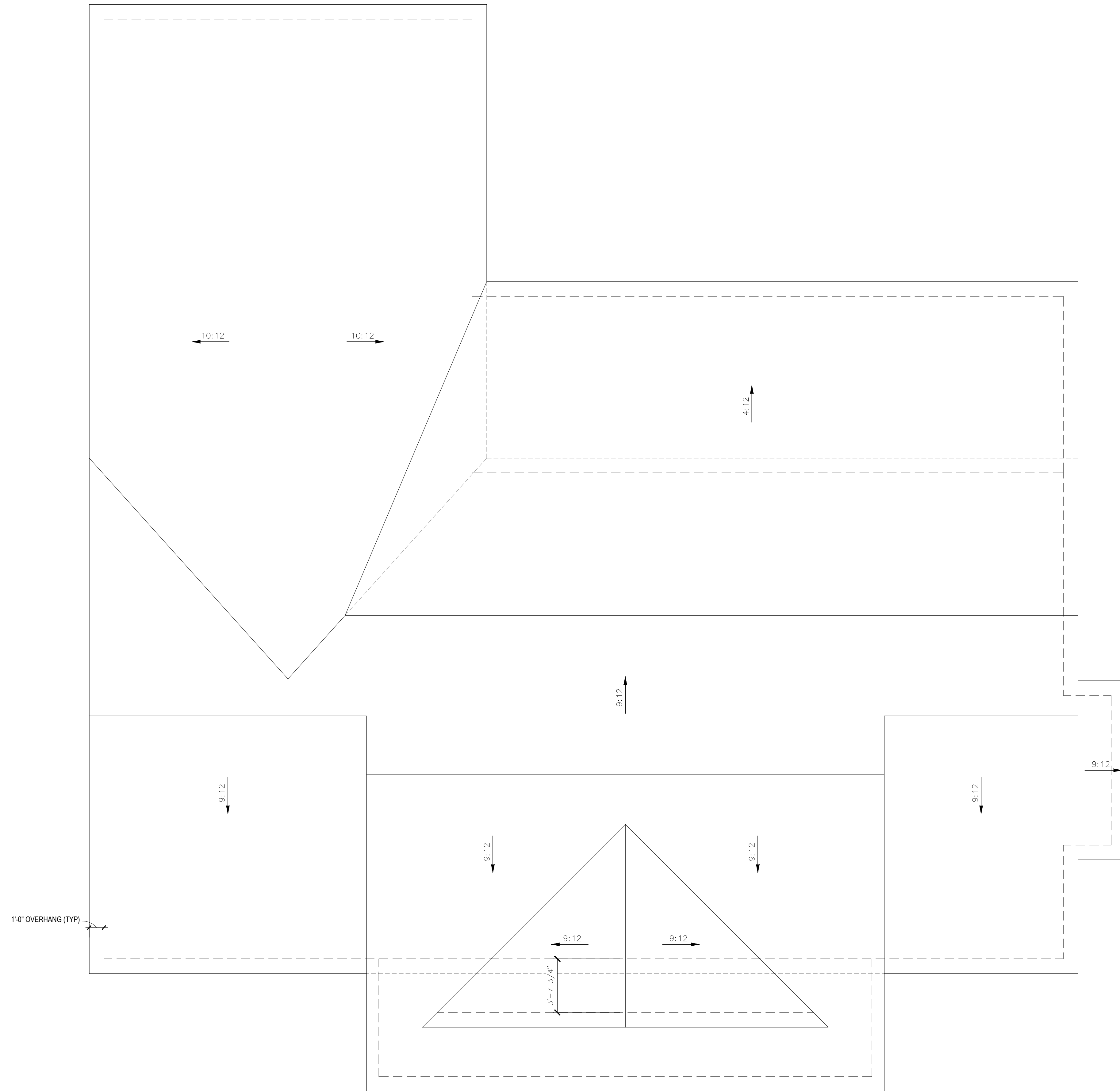
COPYRIGHT NOTE: ©  
These Plans Are Subject To  
Federal Copyright Laws And  
Are To Be Used For The Lot  
Number And Subdivision  
Indicated In This Title Block  
Only. Use On Any Other Site  
is Prohibited.

©COPYRIGHT 2022

Sheet Title: Second Floor

- Preliminary Dwg.
- Bidding Doc.
- Construction Doc.

Sheet: 5 OF 6



**NOTE:**  
 ANY ROOF PITCH 4:12 OR LESS SHALL BE  
 PROPERLY WATERPROOFED PER BLDG. CODE

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

MADDEN HOME DESIGN, LLC NOT BEING AN ARCHITECTURAL OR ENGINEERING FIRM, HAS ASSUMED ALL LIABILITY FOR THE DESIGN, OR ANY PART THEREOF, INCLUDING ANY NEGLIGENCE, AND HAS BEEN MADE TO INSURE ALL ENVIRONMENTAL REGULATIONS HAVE BEEN MET. IF AN ERROR OR OMISSION DOES OCCUR, IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR OMISSION AT HIS OWN EXPENSE AND NOT THE RESPONSIBILITY OF MADDEN HOME DESIGN, LLC. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS IN THE FIELD AND SHALL BUILD HOME IN ACCORDANCE WITH THE INTERNATIONAL RESIDENTIAL CODE 2018.

RESIDENCE OF  
**SHARON  
 MCLAMB**

Project

**MADDEN**  
 HOME DESIGN

8375 Rushing Road  
 Dentham Springs, Louisiana  
 70726  
 Phone: (225) 791-2912

**A** | **B** | **D**®

Project No.: SPRINGBLUFF-MIRROR

DATE: JUNE 10, 2022

DRAWN BY: Steven Madden

DESIGNED BY: Steven Madden

COPYRIGHT NOTE: ©  
 These Plans Are Subject To  
 Federal Copyright Laws And  
 Are To Be Used For The Lot  
 Number And Subdivision  
 Indicated In This Title Block  
 Only. Use On Any Other Site  
 is Prohibited.

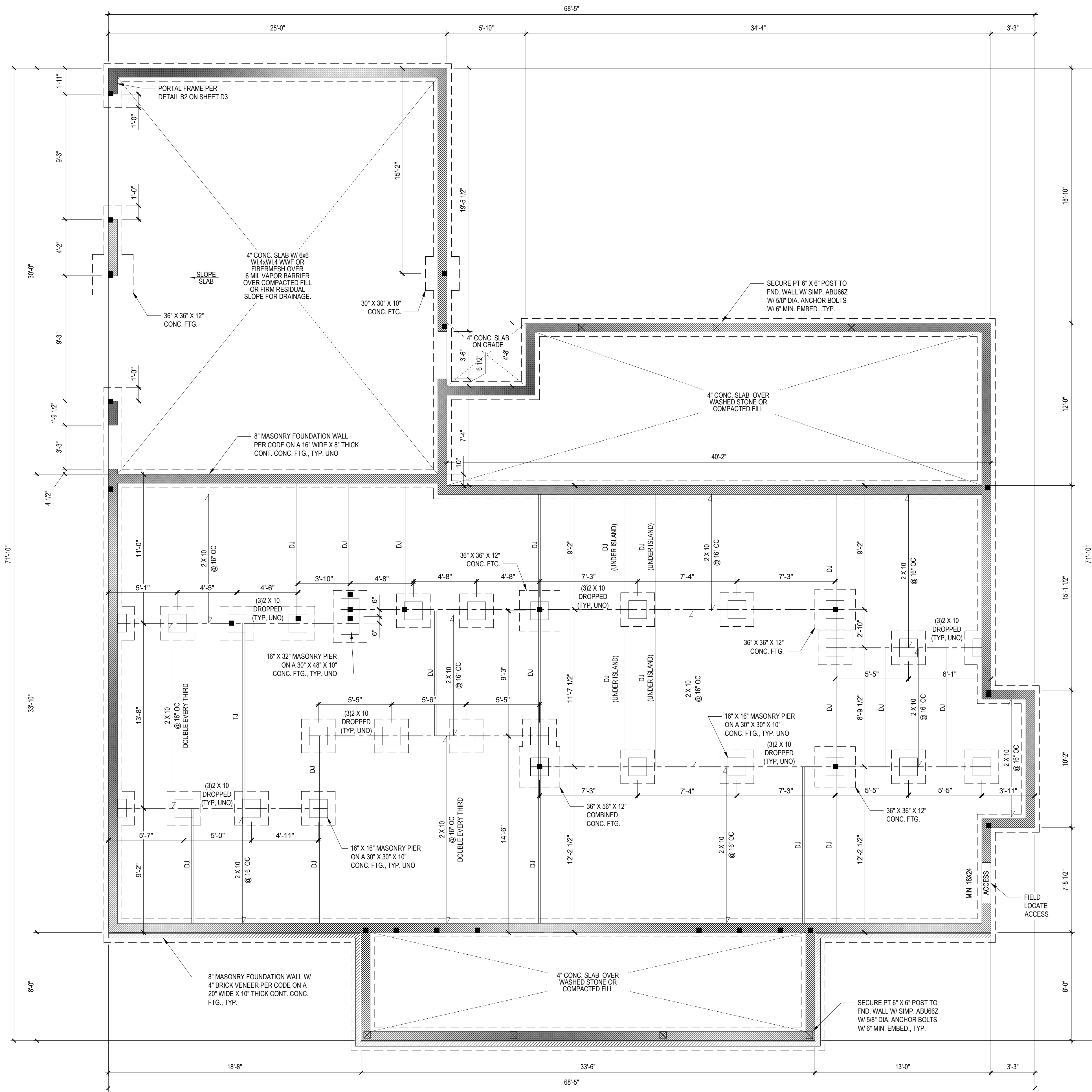
©COPYRIGHT 2022

Sheet Title: ROOF

Sheet: 6 OF 6

Preliminary Dwg.  
 Bidding Doc.  
 Construction Doc.





**DESIGN LOADS**

	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLECTION	
			LL	TL
FLOOR (primary)	40	10	L/360	L/240
FLOOR (secondary)	40	10	L/360	L/240
ATTIC (w/ storage)	20	10	L/240	L/180
ATTIC (no access)	10	5	L/240	L/180
EXTERNAL BALCONY	40	10	L/360	L/240
ROOF	20	10	L/240	L/180
ROOF TRUSS	20	20	L/240	L/180
WIND LOAD	BASED ON 120 MPH (EXPOSURE B)			
SEISMIC	BASED ON SEISMIC ZONES A, B & C			

- STRUCTURAL NOTES:**
- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF NORTH CAROLINA STATE 2018 RESIDENTIAL BUILDING CODE, IN ADDITION TO ALL LOCAL CODES AND REGULATIONS.
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND SQUARE FOOTAGE PRIOR TO CONSTRUCTION. TYNDALL ENGINEERING & DESIGN, PA IS NOT RESPONSIBLE FOR DIMENSIONS AND SQUARE FOOTAGE ERRORS ONCE CONSTRUCTION BEGINS.
  - ALL LUMBER SHALL BE SYP #2 (UNO)  
ALL LVL LUMBER TO BE 1.75" WIDE NOMINAL EACH SINGLE MEMBER AND F<sub>b</sub> = 2600 PSI, E = 1.9M PSI  
(I.E. I-LEVEL MICROLAM)  
ALL LVL LUMBER IS TO BE 1.55E (F<sub>b</sub> = 2325 PSI)
  - ALL LOAD BEARING EXTERIOR WINDOW HEADERS ARE TO BE (2) 2x10 w/ (1) 2x4 JACK STUD (U.N.O.) AND KING STUDS PER TABLE R602.7.3, AND TOGETHER w/ (2) 10# NAILS @ 8" O.C., PROVIDED THAT THE TOP OF THE WINDOW HEIGHT IS 5'-8" MINIMUM BOTTOM OF THE WINDOW HEIGHT IS 1'-6", OTHERWISE REFER TO TABLES R602.7(1) AND R602.7(2).
  - ALL INTERIOR LOAD BEARING HEADERS TO BE (2) 2x10 (U.N.O.) REFER TO TABLES R602.7(1) AND R602.7(2) FOR JACK STUD REQUIREMENTS FOR HEADER SPANS FOR INTERIOR AND EXTERIOR LOAD CONDITIONS (UNO).
  - REFER TO 2018 NC BUILDING CODE SECTION R602 FOR CONSTRUCTION OF ALL WALLS OVER 10'-0" IN HEIGHT.
  - ALL STRUCTURAL STEEL SHALL BE ASTM A992 GRADE 50  
F<sub>y</sub> = 50 KSI MIN. (UNO)
  - ALL EXTERIOR LUMBER TO BE #2 SYP PT
  - ALL CONCRETE, f<sub>c</sub> = 3000 PSI MIN.
  - PRESUMPTIVE BEARING CAPACITY = 2000 PSF
  - 12"Ø ANCHOR BOLTS SPACED AT MAXIMUM OF 6'-0" O.C. AND NOT MORE THAN 12" FROM THE CORNER, THERE SHALL BE A MINIMUM OF (2) BOLTS PER PLATE SECTION. ANCHOR BOLTS SHALL BE SPACED AT 3'-0" O.C. FOR BASEMENTS. ANCHOR BOLT SHALL EXTEND 7" INTO CONCRETE OR MASONRY.
  - PSL COLUMNS DESIGNED WITH MAX. HEIGHT OF 9'-0" (UNO)
  - PROVIDE A MINIMUM OF 500# UPLIFT & LATERAL CONNECTION AT TOP AND BOTTOM OF PORCH COLUMNS. (U.N.O.)
  - PROVIDE CONTINUOUS SHEATHING PER SECTION 602.10.4 OF THE 2018 IRC.
  - MAXIMUM MASONRY PIER HEIGHT SHALL NOT EXCEED FOUR TIMES ITS LEAST HORIZONTAL DIMENSION.
  - UPLIFT LOADS GREATER THAN 500# SHALL BE CONTINUOUSLY ANCHORED TO THE FOUNDATION.
  - METAL HANGERS SHALL BE SIMPSON OR APPROVED EQUAL.

2080 SQ. FT. OF CRAWL SPACE / 150 = 13.87 SQ. FT. OF REQ'D VENTILATION WITHOUT CROSS VENTILATION  
13.87 SQ. FT. OF VENTILATION REQ'D / 0.88 SQ. FT. PER VENT = 16 VENTS REQ'D (BASED ON 8" X 16" VENTS)

-OR-

2080 SQ. FT. OF CRAWL SPACE / 1500 = 1.39 SQ. FT. OF REQ'D VENTILATION WITH CROSS VENTILATION  
1.39 SQ. FT. OF VENTILATION REQ'D / 0.88 SQ. FT. PER VENT = 2 VENTS REQ'D (BASED ON 8" X 16" VENTS)

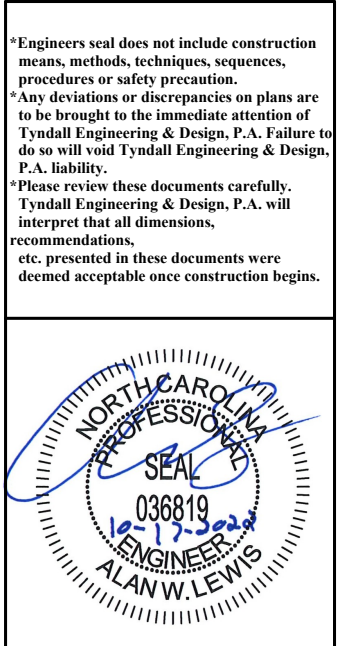
- VENT LOCATIONS MAY VARY FROM THOSE SHOWN ON PLAN HOWEVER VENTS SHALL BE FRACED TO PROVIDE ADEQUATE VENTILATION AT ALL POINTS AND TO PREVENT DEAD AIR POCKETS.
- THE TOTAL AREA OF VENTILATION OPENINGS MAY BE REDUCED TO 1/150 OF THE CRAWL SPACE GROUND AREA WHERE THE REQUIRED OPENINGS ARE PLACED SO AS TO PROVIDE CROSS VENTILATION OF THE CRAWL SPACE. THE INSTALLATION OF OPERABLE COVERS SHALL NOT BE PROHIBITED. ONE FOUNDATION VENT SHALL BE WITHIN 3 FEET OF EACH CORNER OF THE BUILDING TO PREVENT RAINWATER ENTRY WHEN THE CRAWL SPACE IS BUILT ON A SLOPED SITE. THE SPILL FOUNDATION WALLS MAY BE CONSTRUCTED WITHOUT WALL VENT OPENINGS. VENT DAMS SHALL BE PROVIDED WHEN THE BOTTOM OF THE FOUNDATION VENT OPENING IS LESS THAN 4 INCHES ABOVE THE FINISHED EXTERIOR GRADE.

WALL VENTED CRAWL SPACES REQUIRE FULL COVERAGE GROUND VAPOR RETARDERS.

\* CRAWL SPACE VENTILATION CALCULATION

NO SCALE

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



**TYNDALL**  
ENGINEERING & DESIGN, P.A.  
1100 Highway Drive • Garner, North Carolina • 27828  
www.tyndallengineering.com

Client: **STEVE NORDAN**  
Project: **MCLAMB RESIDENCE**

**FOUNDATION PLAN**  
**1ST FLOOR FRAMING**

Project #: **DRB2201-0186**  
Date: **10/17/22**  
Engineered by: **AM**  
DWG. Checked by: **AWL**  
Scale: **SEE PLAN**

**REVISIONS**

No.	Date	Remarks

Sheet Number  
**S1**  
1 of 7

FILENAME: Z:\REV\DRB\_2022\DRB2201-0186\_SHP\DWG\FOUNDATION PLAN 10/17/2022 8:11 AM







DESIGN LOADS

	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLECTION	
			LL	TL
FLOOR (primary)	40	10	L/360	L/240
FLOOR (secondary)	40	10	L/360	L/240
ATTIC (w/ storage)	20	10	L/240	L/180
ATTIC (no access)	10	5	L/240	L/180
EXTERNAL BALCONY	40	10	L/360	L/240
ROOF	20	10	L/240	L/180
ROOF TRUSS	20	20	L/240	L/180
WIND LOAD	BASED ON 120 MPH (EXPOSURE B)			
SEISMIC	BASED ON SEISMIC ZONES A, B & C			

Engineers seal does not include construction means, methods, techniques, sequences, procedures or safety precautions. Any deviations or discrepancies on plans are to be brought to the immediate attention of Tyndall Engineering & Design, P.A. Failure to do so will void Tyndall Engineering & Design, P.A. liability.

Please review these documents carefully. Tyndall Engineering & Design, P.A. will interpret that all dimensions, recommendations, etc. presented in these documents were deemed acceptable once construction begins.

**TYNDALL**  
ENGINEERING & DESIGN, P.A.  
1100 Shiloh Drive • Garner, NC 27530 • 919.775.7444  
www.tyndallengineering.com

Client: **STEVE NORDAN**  
Project: **MCLAMB RESIDENCE**

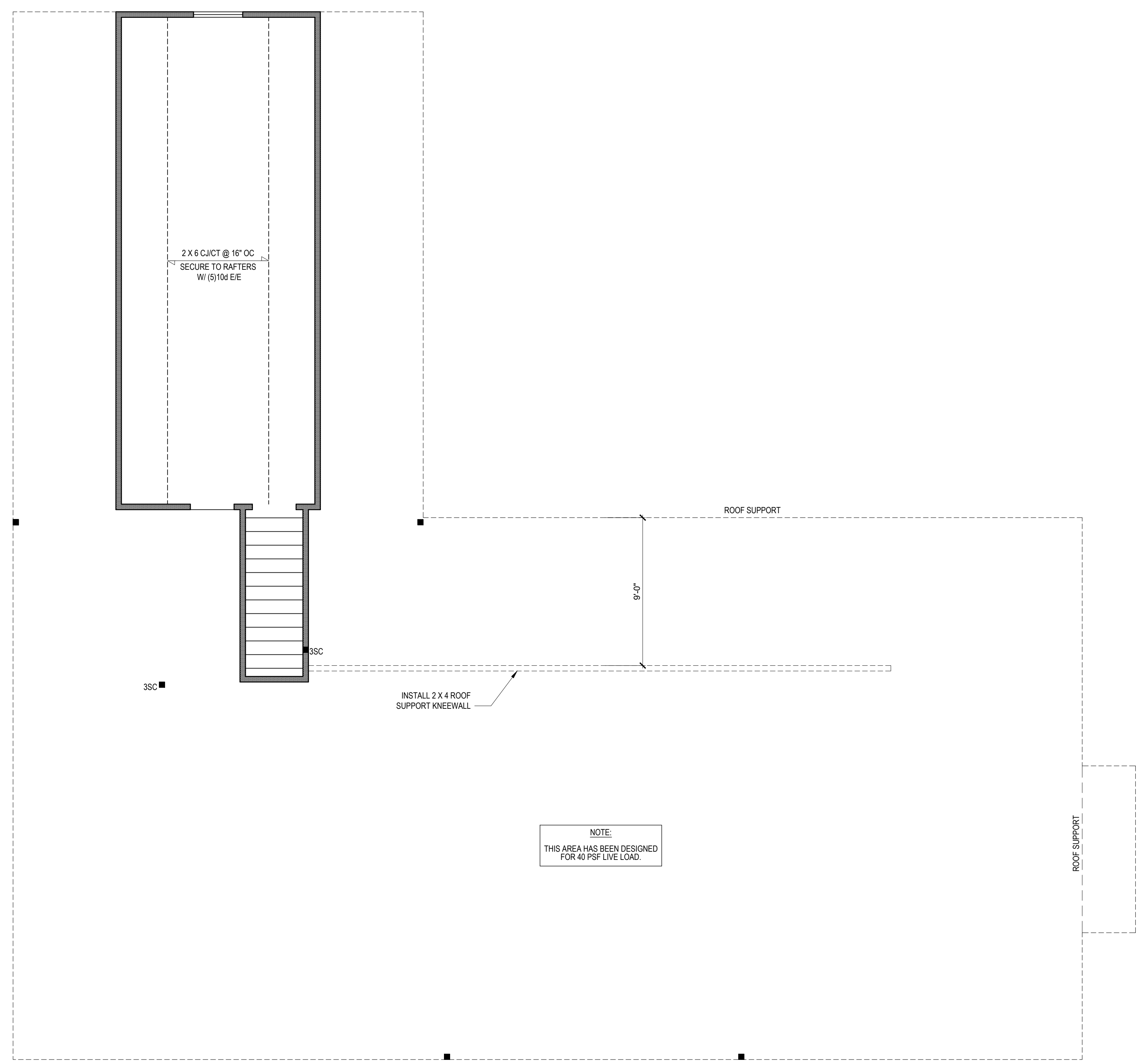
**2ND FLOOR HEADER  
2ND FLR. CLG. FRAMING**

Project #: **DRB2201-0186**  
Date: **10/17/22**  
Engineered by: **AM**  
DWG. Checked By: **AWL**  
Scale: **SEE PLAN**

REVISIONS

No.	Date	Remarks
△		
△		
△		

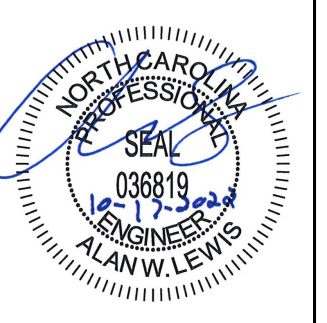
Sheet Number  
**S3**  
3 of 7



**SECOND FLOOR PLAN**  
1/4" = 1'-0"

FILENAME: Z:\PROJ\DRB\_2021\DRB2201-0186\_SHIRON\MCLAMB\CAD\_FILES\DRB2201\_0186\_LEWIS\_SWD.dwg; PRINTED: TYNDALL LAST PLOT DATE: 10/17/2022 8:11 AM

\*Engineers seal does not include construction means, methods, techniques, sequences, procedures or safety precautions.  
 Any deviations or discrepancies on plans are to be brought to the immediate attention of Tyn dall Engineering & Design, P.A. Failure to do so will void Tyn dall Engineering & Design, P.A. liability.  
 \*Please review these documents carefully. Tyn dall Engineering & Design, P.A. will interpret that all dimensions, recommendations, etc. presented in these documents were deemed acceptable once construction begins.



**TYNDALL**  
 ENGINEERING & DESIGN, P.A.  
 190 Blywood Drive • Garner, NC 27530 • 919.775.4444  
 www.tyndallengineering.com

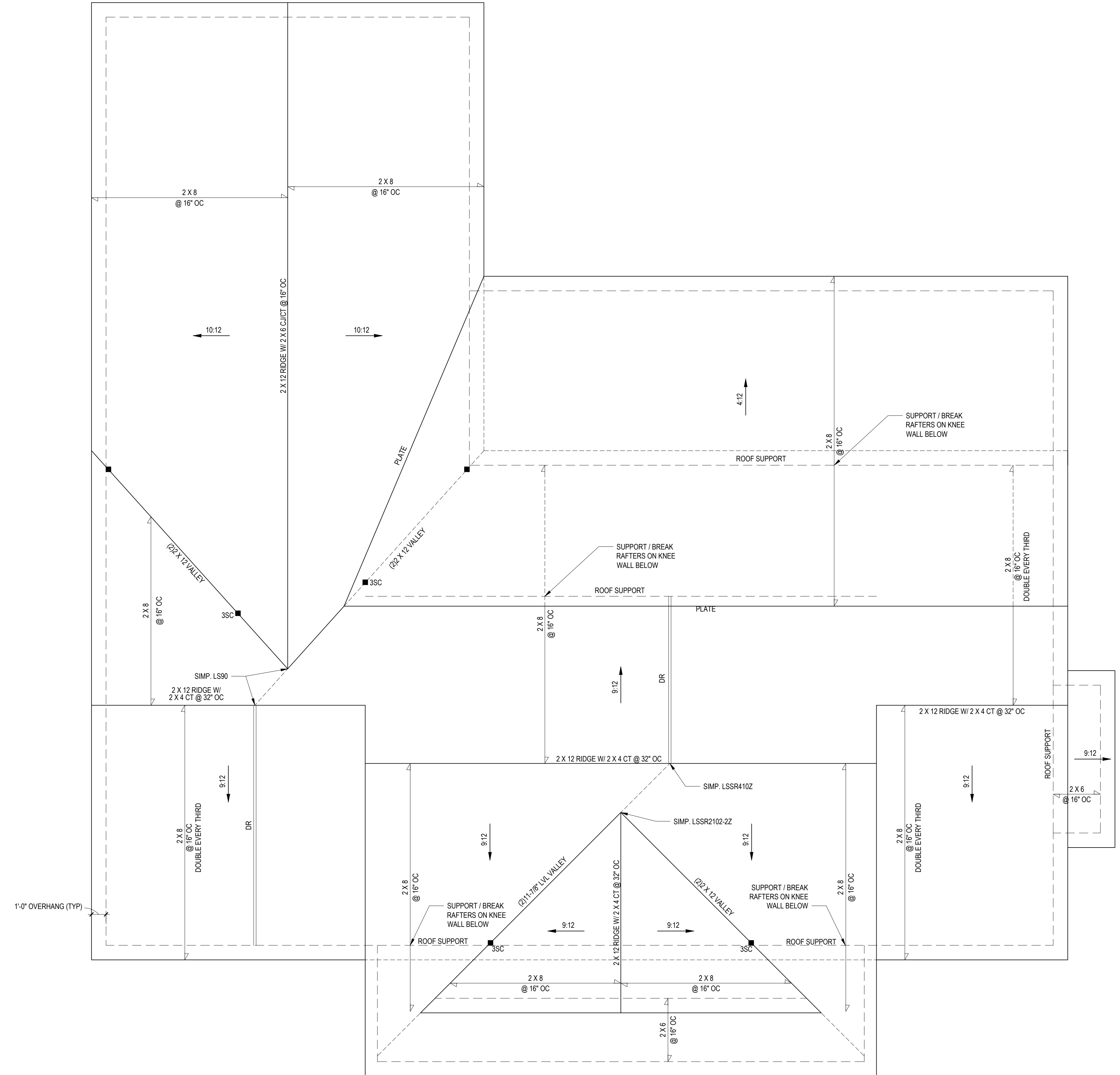
Client: **STEVE NORDAN**  
 Project: **MCLAMB RESIDENCE**

# ROOF PLAN

Project #: **DRB2201-0186**  
 Date: **10/17/22**  
 Engineered By: **AM**  
 DWG. Checked By: **AWL**  
 Scale: **SEE PLAN**

REVISIONS		
No.	Date	Remarks

Sheet Number  
**S4**  
 4 of 7



**ROOF PLAN**  
 1/4" = 1'-0"

3023 SQ. FT. OF ATTIC / 300 = 10.08 SQ. FT. INLETS/OUTLETS REQUIRED

- CALCULATION BASED ON VENTILATORS USED AT LEAST 3'-0" ABOVE THE COMBUSTIBLES WITH THE BALANCE OF VENTILATION PROVIDED BY GABLE ENDS.
- CATHEDRAL CEILINGS SHALL HAVE A 1" MINIMUM CLEARANCE BETWEEN THE BOTTOM OF THE ROOF DECK AND THE INSULATION.

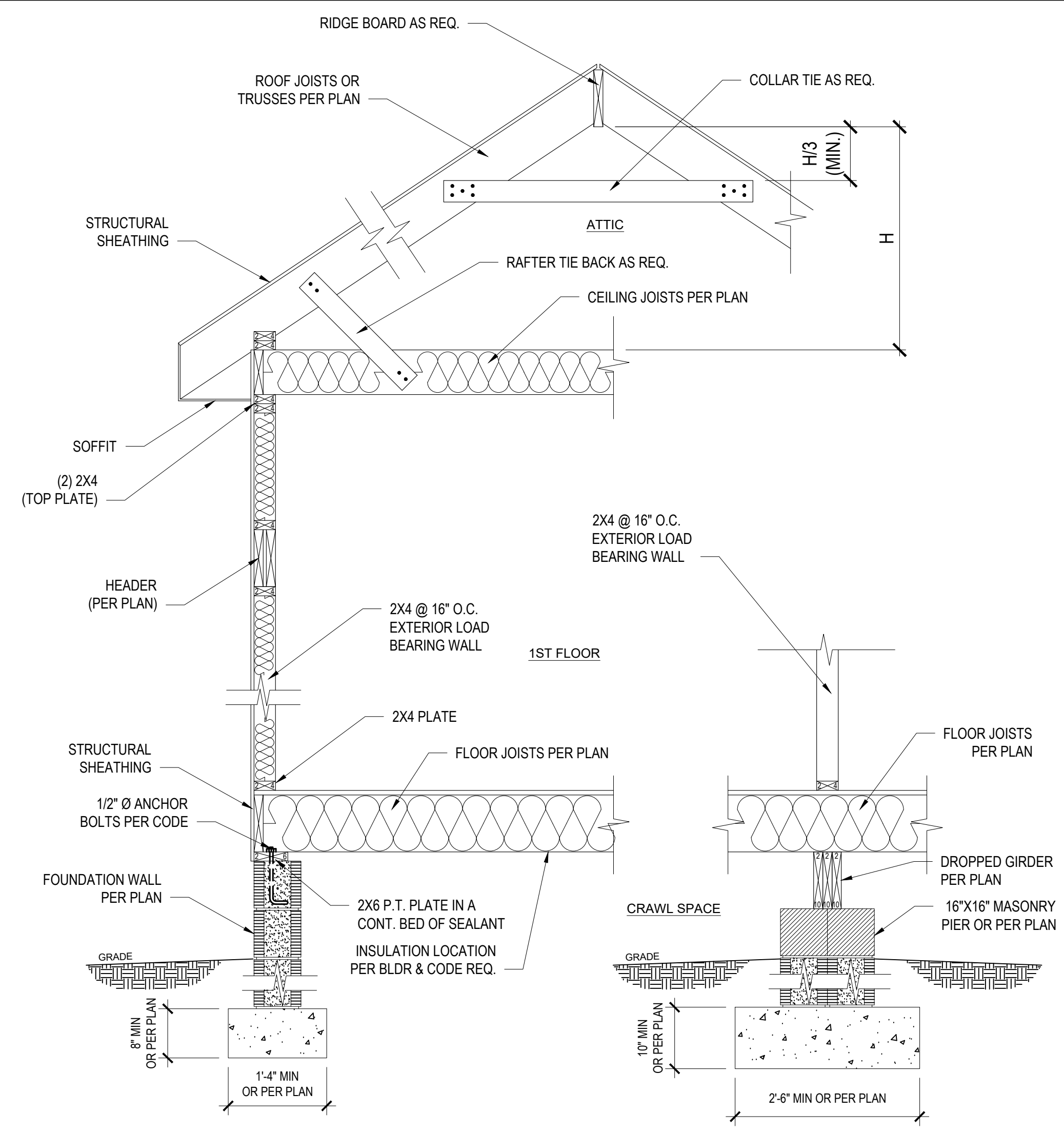
\* ATTIC VENTILATION CALCULATION  
 NO SCALE

FILENAME: Z:\WP\09\_2022\092201-0186\_SINDON\MCLAMB\040\_FILES\092201-0186\_SINDON\MCLAMB\040\_FILES\092201-0186\_SINDON\_TYNDALE LAST PLOT DATE:10/17/2022 8:11 AM

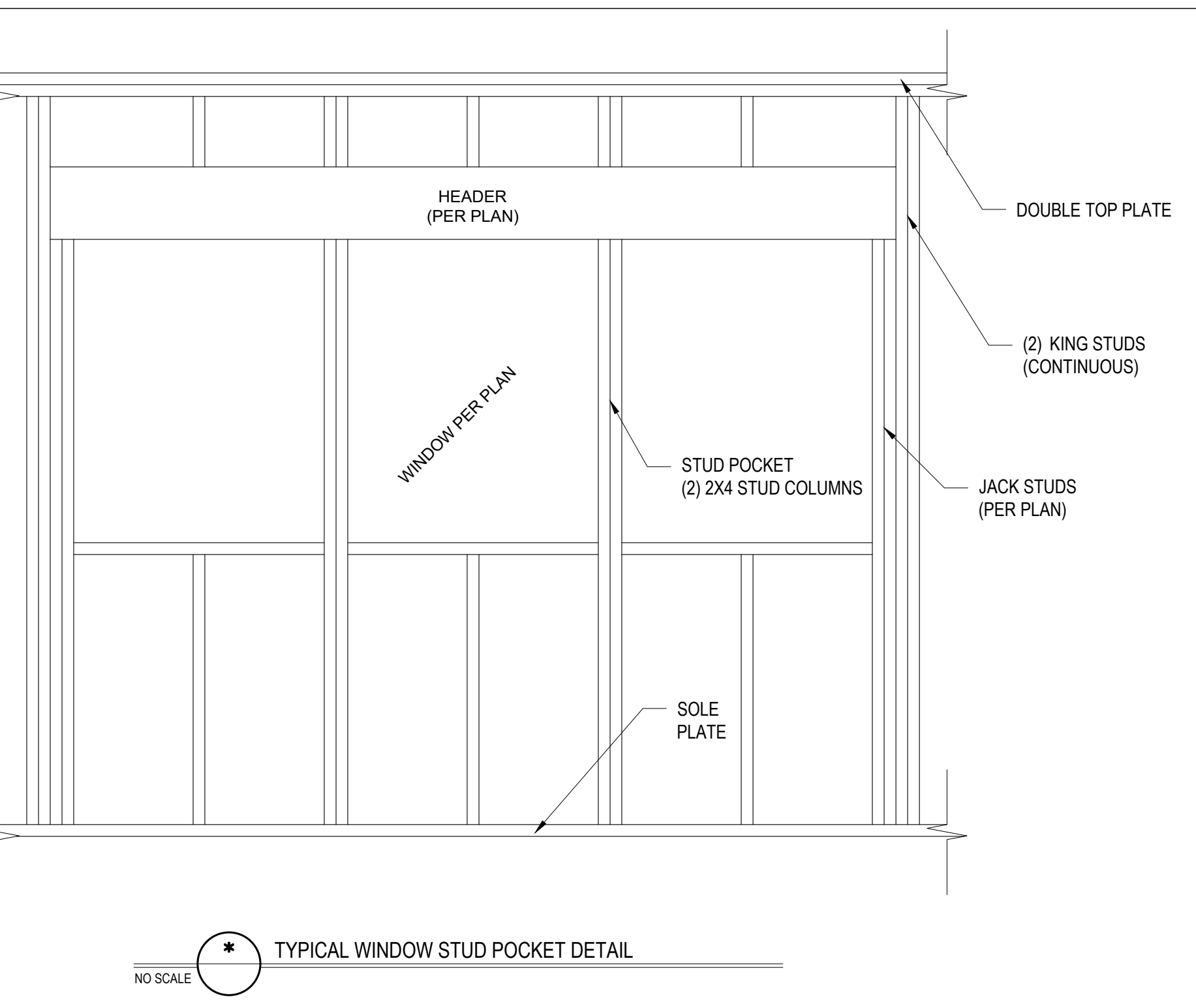




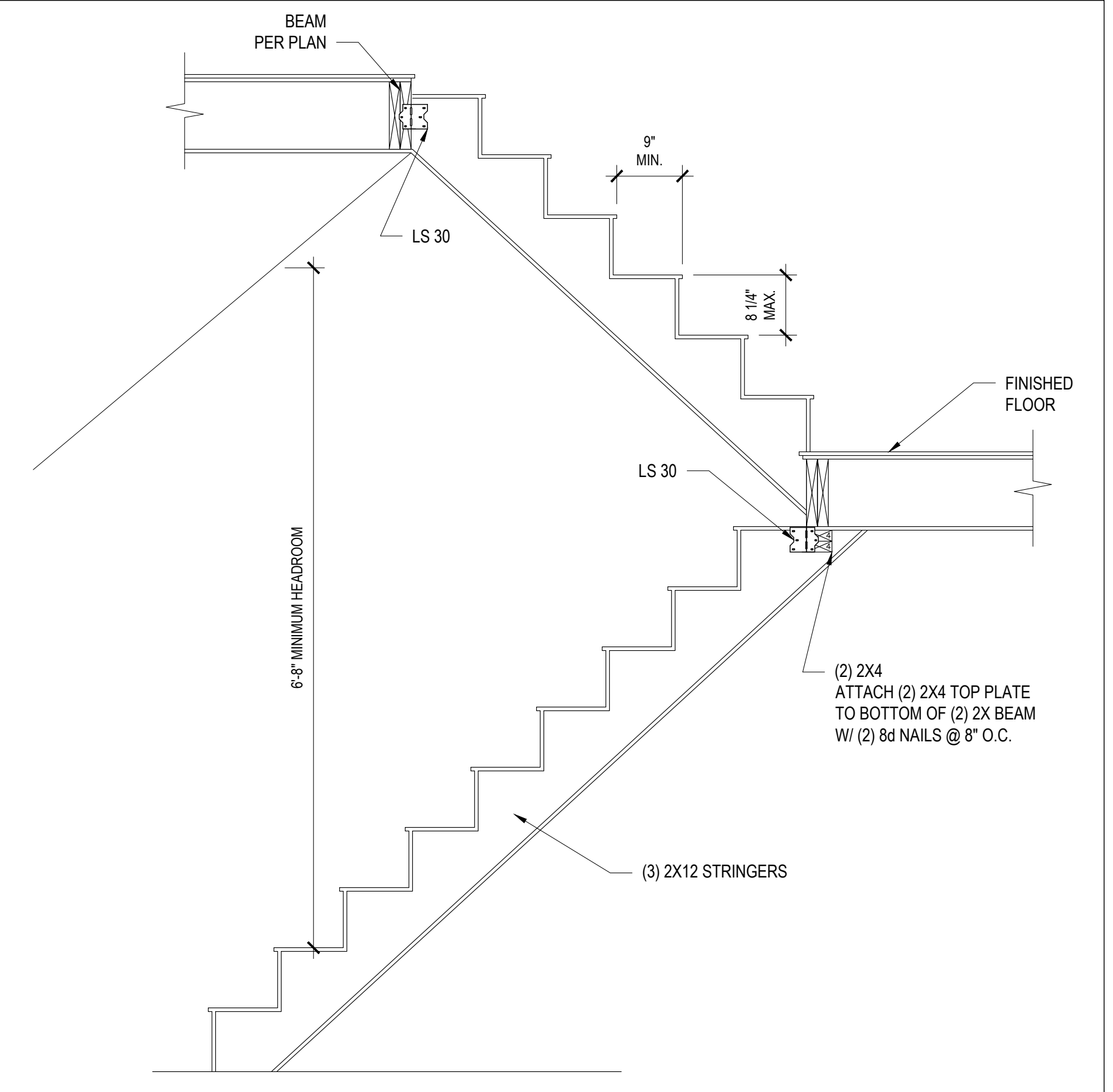




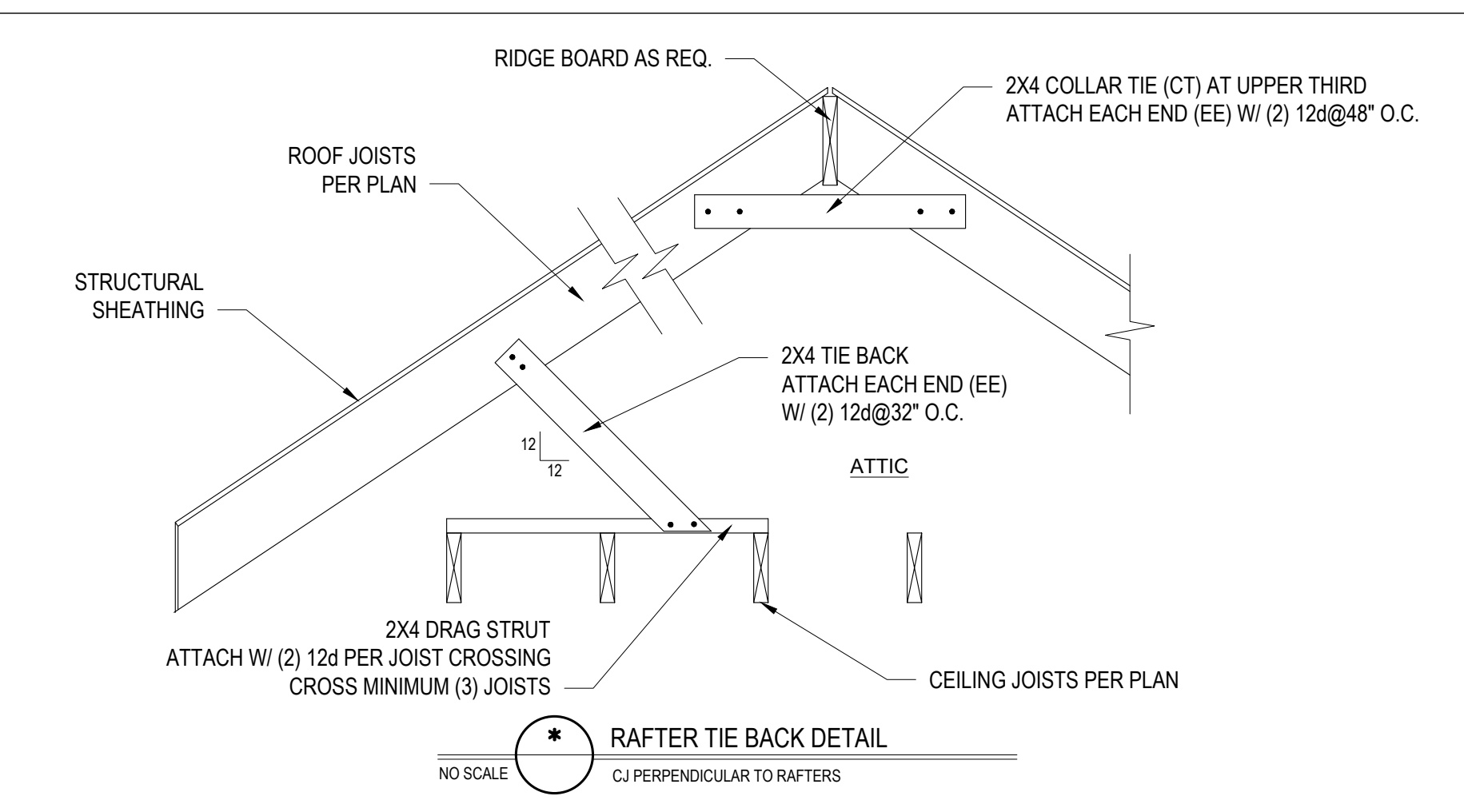
NO SCALE \* ONE-STORY ON CRAWL TYPICAL WALL DETAIL



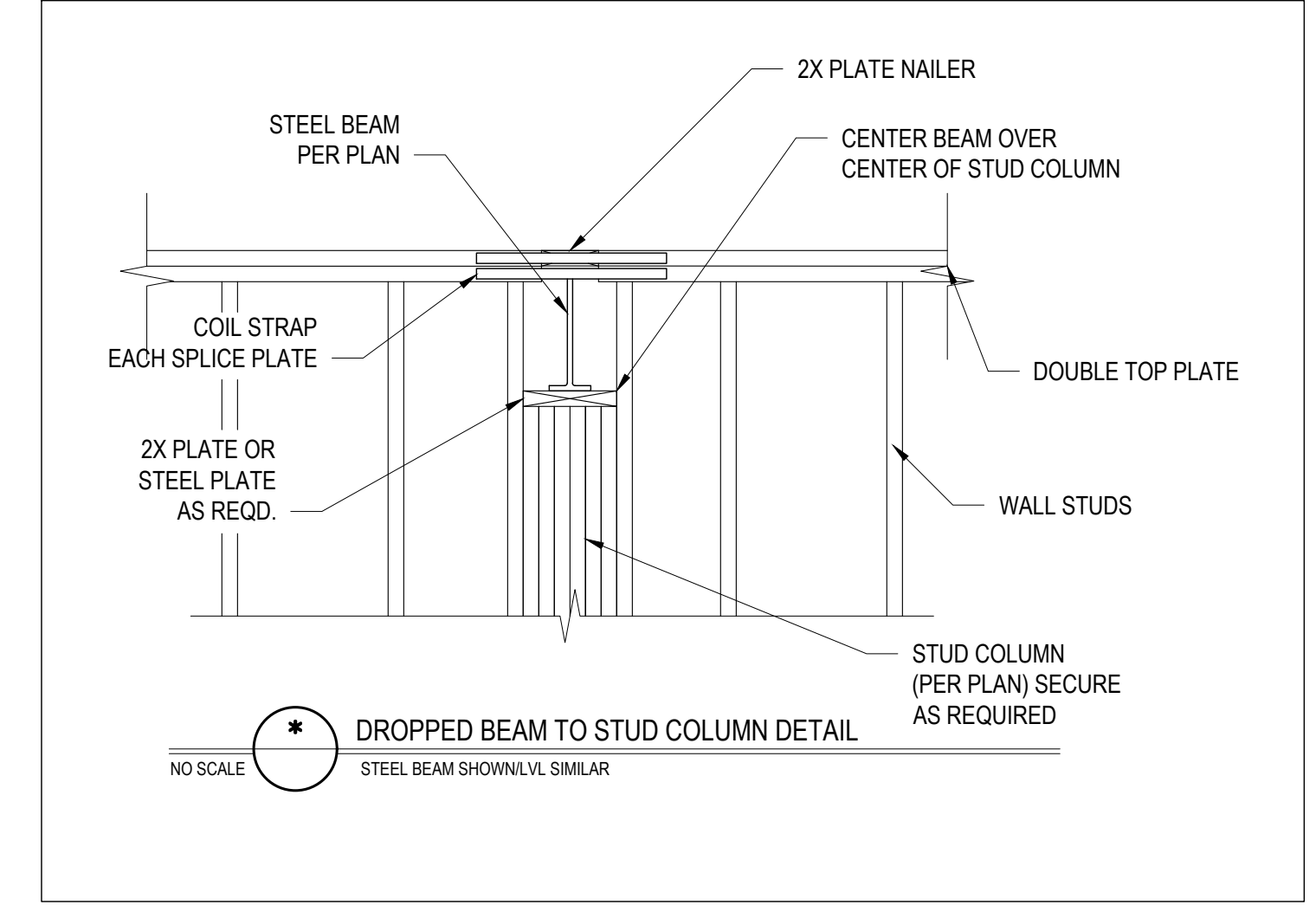
NO SCALE \* TYPICAL WINDOW STUD POCKET DETAIL



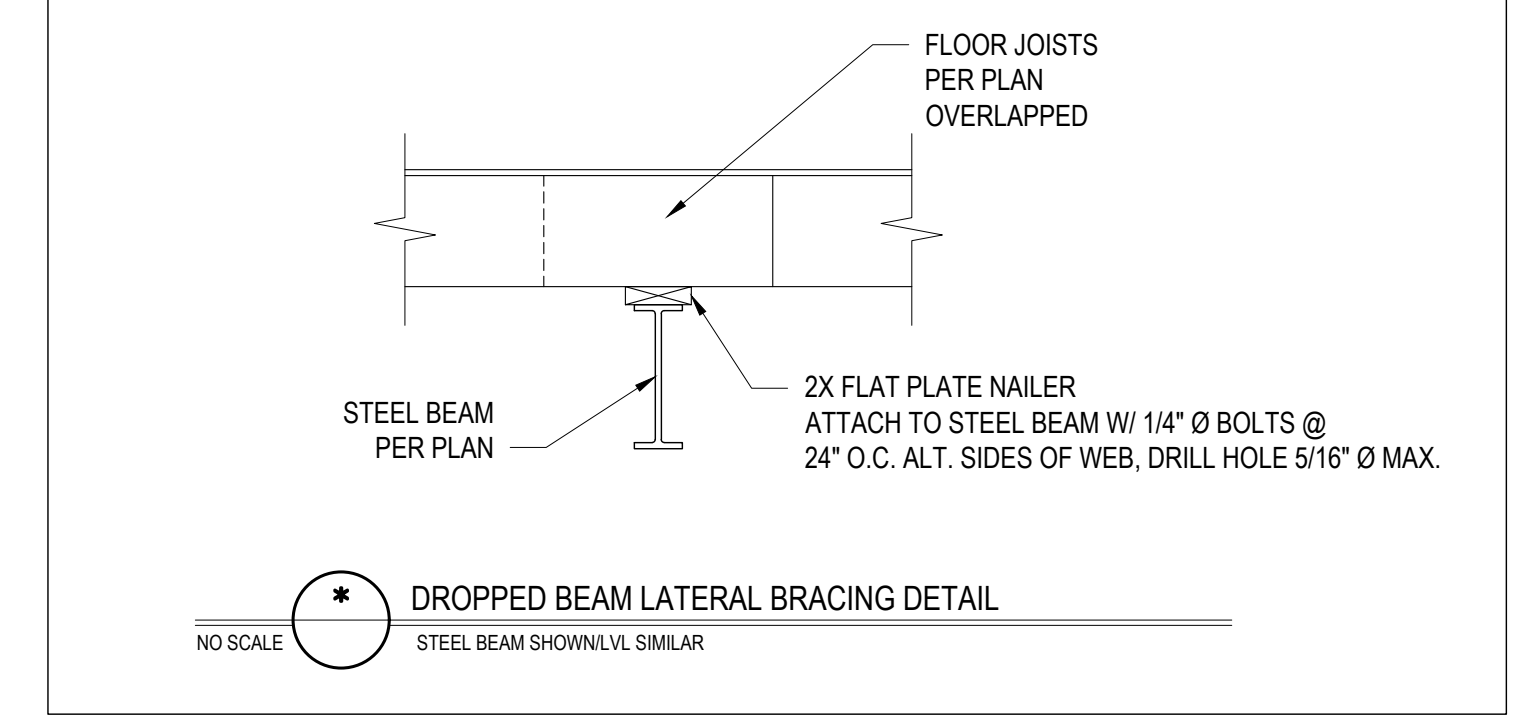
HANDRAILS SHALL BE PROVIDED ON AT LEAST ONE SIDE OF EACH CONTINUOUS RUN OF TREADS OR FLIGHT WITH FOUR OR MORE RISERS. HANDRAIL HEIGHT MEASURED VERTICALLY FROM THE SLOPED PLANE ADJOINING THE TREAD NOSING, OR FINISH SURFACE OF RAMP SLOPE, SHALL NOT BE LESS THAN 30 INCHES AND NOT MORE THAN 38 INCHES.  
NO SCALE \* TYPICAL STAIRWAY DETAIL



NO SCALE \* RAFTER TIE BACK DETAIL



NO SCALE \* DROPPED BEAM TO STUD COLUMN DETAIL STEEL BEAM SHOWN IN V. SIMILAR



NO SCALE \* DROPPED BEAM LATERAL BRACING DETAIL STEEL BEAM SHOWN IN V. SIMILAR

\* Engineers seal does not include construction means, methods, techniques, sequences, procedures or safety precautions. Any deviation or discrepancies on plans are to be brought to the immediate attention of Tyn dall Engineering & Design, P.A. Failure to do so will void Tyn dall Engineering & Design, P.A. liability. Please review these documents carefully. Tyn dall Engineering & Design, P.A. will interpret that all dimensions, recommendations, etc. presented in these documents were deemed acceptable once construction begins.



**TYNDALL**  
ENGINEERING & DESIGN P.A.  
1101 775-0101 • 407-775-0444  
www.tyndallengineering.com  
200 Blythebark Drive • Dunwoody • Atlanta, Georgia 30328



CLIENT: **STEVE NORDAN**  
PROJECT: **MCLAMB RESIDENCE**

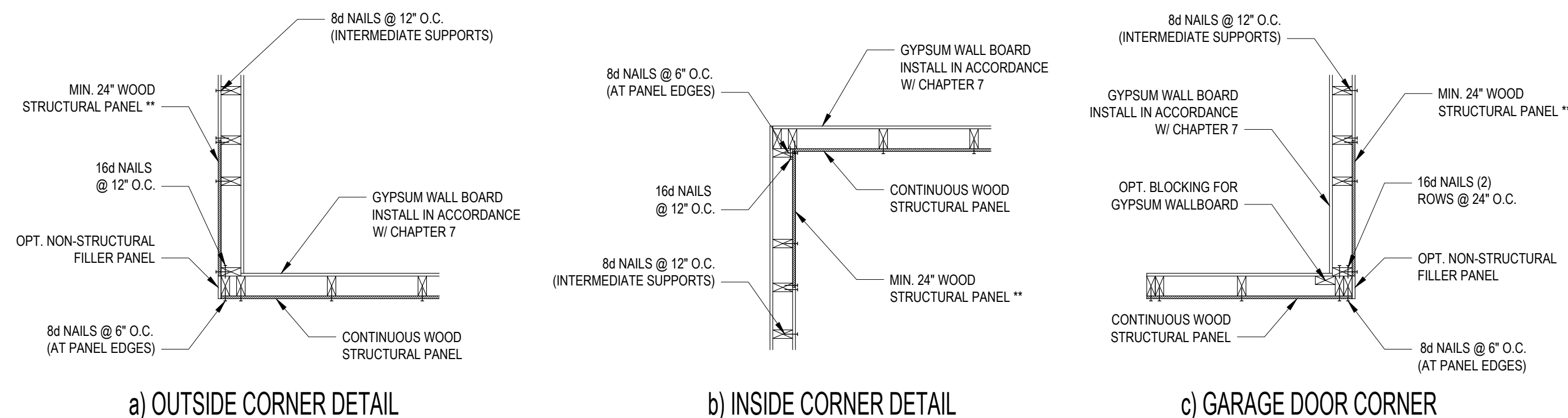
# STANDARD DETAILS

Project #: **DRB2201-0186**  
Date: **10/17/22**  
Engineered By: **AM**  
DWG. Checked By: **AWL**  
Scale: **SEE PLAN**

REVISIONS		
No.	Date	Remarks

Sheet Number  
**D2**  
6 of 7





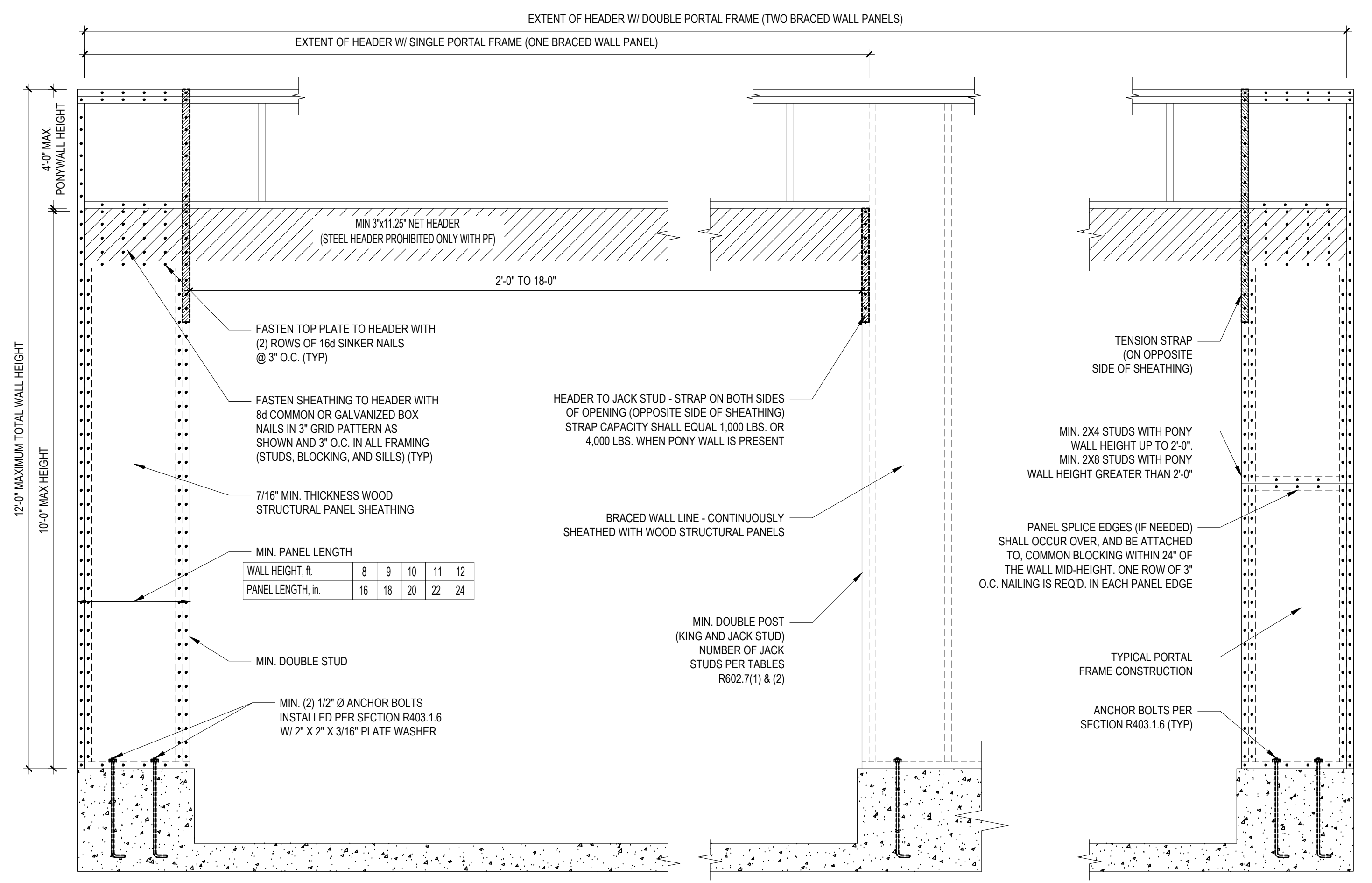
**B1: TYPICAL EXTERIOR CORNER FRAMING FOR CONTINUOUS SHEATHING**  
NO SCALE

**STRUCTURAL SHEATHING NOTES**

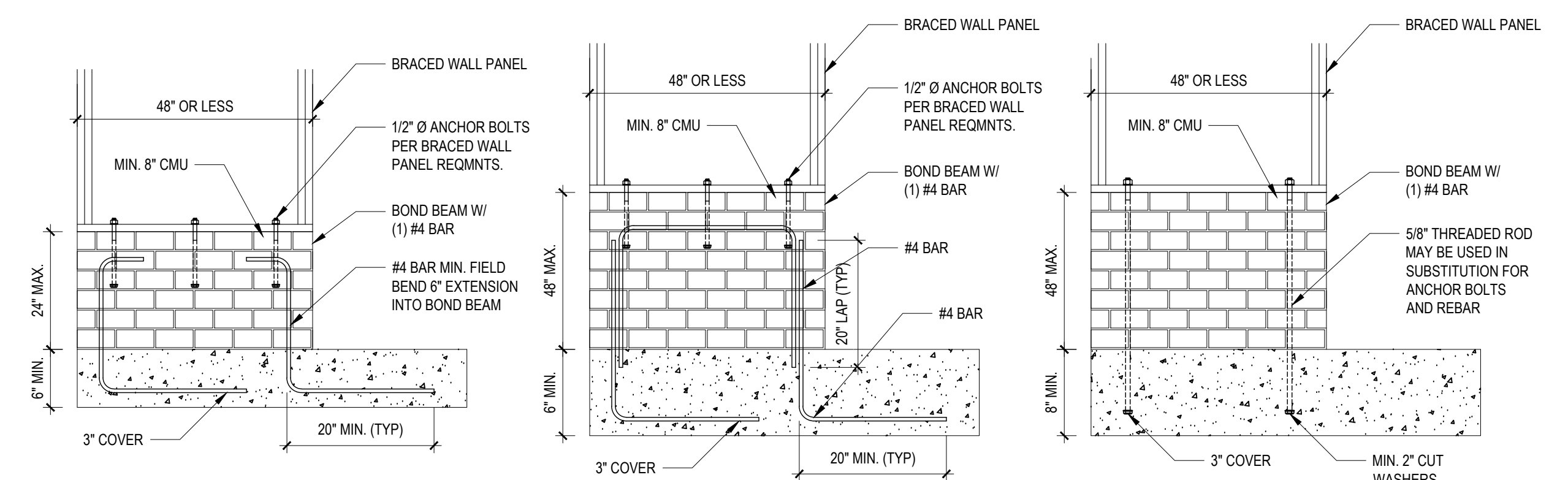
- DESIGNED FOR SEISMIC ZONE A-C AND WIND SPEEDS OF 120 MPH OR LESS.
- WALLS SHALL BE BRACED IN ACCORDANCE WITH SECTION R602.10.3 OF THE 2018 NRC.
- BRACING REQUIREMENTS SHALL BE PER TABLE R602.10.3. REFER TO SECTION R602.10.4 FOR LOAD PATH DETAILS INCLUDING CONNECTIONS & SUPPORT OF BRACED WALL PANELS.
- REFERENCE FIGURE R602.10.4.3 OF THE 2018 NRC.
- INTERIOR BRACED WALL PANELS (BWP) INDICATED SHALL BE SHEATHED IN ACCORDANCE WITH THE GB METHOD OR WSP METHOD AS PRESCRIBED IN SECTION R602.10.1 (UNO).
- 12\"/>

REQUIRED BRACED WALL PANEL CONNECTIONS				
METHOD	MATERIAL	MIN. THICKNESS	REQUIRED CONNECTION	
			@ PANEL EDGES	@ INTERMEDIATE SUPPORTS
CS-WSP	WOOD STRUCTURAL PANEL	3/8"	6d COMMON NAILS @ 6\"/>	

**B3: BRACE WALL PANEL CONNECTIONS**  
NO SCALE

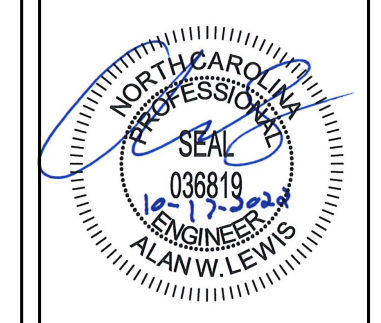


**B2: METHOD PF: PORTAL FRAME CONSTRUCTION**  
FIGURE R602.10.1



**B4: MASONRY STEM WALL SUPPORTING BRACED WALL PANELS**  
FIGURE R602.10.4.3 OF THE 2018 NRC  
NOTE: GROUT BOND BEAMS AND ALL CELLS WHICH CONTAIN REBAR, THREADED RODS AND ANCHOR BOLTS

Engineers and architects do not include construction means, methods, techniques, sequences, procedures or safety precautions. Any deviation or discrepancies on plans are to be brought to the immediate attention of Tyn dall Engineering & Design, P.A. Failure to do so will void Tyn dall Engineering & Design, P.A. liability. Please review these documents carefully. Tyn dall Engineering & Design, P.A. will interpret that all dimensions, recommendations, etc. presented in these documents were deemed acceptable once construction begins.



**TYNDALL**  
ENGINEERING & DESIGN, P.A.  
1101 W. WINDYBROOK DRIVE, SUITE 200  
DUNEDIN, FLORIDA 33511  
TEL: 678.775.4444  
WWW.TYNDALLENGINEERING.COM

CLIENT: **STEVE NORDAN**  
PROJECT: **MCLAMB RESIDENCE**

**SHEATHING DETAILS**

Project #: **DRB2201-0186**  
Date: **10/17/22**  
Engineered by: **AM**  
DWG. Checked by: **AWL**  
Scale: **SEE PLAN**

REVISIONS		
No.	Date	Remarks

Sheet Number  
**D3**  
7 of 7