

# Residence for Gammon Construction The Riverstone Elev A - L



1027 Hwy 70 West  
Suite 223  
Gamer, NC 27529  
919-779-6005  
www.homesunique.com

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The purpose of these drawings is to show the intent of the design and construction of this home. Contractor should verify all conditions and dimensions prior to construction. Once a permit has been issued, contractor shall assume all responsibility to the accuracy of the plans and any changes made during construction.



## INDEX TO DRAWINGS:

	COVER SHEET	S1	STEM WALL SLAB FOUNDATION PLAN
1	FRONT AND LEFT SIDE ELEVATIONS	S2	CEILING FRAMING PLAN
2	REAR AND RIGHT SIDE ELEVATIONS	S3	ROOF FRAMING PLAN
3	FLOOR PLAN		
4	ELECTRICAL PLAN		
D1	CONSTRUCTION DETAILS		



## GENERAL NOTES:

- ALL WORK IS TO BE DONE IN STRICT ACCORDANCE WITH NORTH CAROLINA STATE RESIDENTIAL BUILDING CODE, 2018 EDITION (HEREIN SHOWN AS N.C.S.R.B.C.).
- DIMENSIONS SHOWN ON DRAWINGS GOVERN OVER SCALE.
- STUD WALL DESIGN SHALL CONFORM TO ALL N.C.S.R.B.C. REQUIREMENTS.
- CONTRACTOR SHALL USE TEMPERED SAFETY GLASS IN ALL LOCATIONS AS REQUIRED BY N.C.S.R.B.C., SECTION R303.4
- ANY HABITABLE ROOM SHALL MEET ALL LIGHT/VENTILATION AND EGRESS AS REQUIRED BY N.C.S.R.B.C., SECTIONS R-303.1 AND R-310.1
- ALL WALLS SHOWN ON FLOOR PLANS ARE 2x4 FRAME UNLESS NOTED OTHERWISE.
- ALL ANGLED WALLS SHOWN ON FLOOR PLANS ARE 45° UNLESS NOTED OTHERWISE.
- ALL WINDOWS SHALL HAVE A MINIMUM DPI RATING OF 25. BUILDER SHALL VERIFY WITH WINDOW MANUFACTURER THAT UNITS INSTALLED MEET THESE REQUIREMENTS AS PER N.C.S.R.B.C., TABLE 301.2(6).
- ENERGY EFFICIENCY REQUIREMENTS FOR THE SPECIFIC CLIMATE ZONE WHERE STRUCTURE IS BEING BUILT SHALL BE IN ACCORDANCE WITH CHAPTER 11 OF THE NORTH CAROLINA RESIDENTIAL BUILDING CODE, AS SHOWN IN TABLES N1102.2 AND N1102.1.
- TERMITE TREATMENT - BORATE APPLIED TO ALL FRAME MEMBERS WITHIN 24" AFF.

## RESIDENTIAL BUILDING CODE SUMMARY

- PLANS ARE DESIGNED TO THE 2018 NORTH CAROLINA RESIDENTIAL BUILDING CODE.
- HOUSE IS DESIGNED FOR 130 MPH, 3 SECOND GUST (101 MPH FASTEST WIND), EXPOSURE B.
- ANCHOR BOLTS SHALL BE MIN. 1/2" DIAMETER WITH STANDARD WASHER AND NUT AND SHALL EXTEND 7" MIN. INTO MASONRY OR CONCRETE. BOLTS TO BE NO MORE THAN 6' O.C. AND WITHIN 12" OF CORNERS. ALTERNATE ANCHOR STRAPS CAN BE USED INSTEAD OF ANCHOR BOLTS SPACED AT THE EQUIVALENT SPACING AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS EXCEPT AT GARAGE LUG FTG.
- MEAN ROOF HEIGHT: 26'-10"
- COMPONENT & CLADDING DESIGNED FOR THE FOLLOWING LOADS:  
MEAN ROOF HGT: UP TO 30'-0" TO 35'-0" TO 40'-0" TO 45'-0"  

ZONE 1	16.5, -18.0	17.3, -18.9	18.0, -19.6	18.5, -20.2
ZONE 2	16.5, -21.0	17.3, -22.1	18.0, -22.9	18.5, -23.5
ZONE 3	16.5, -21.0	17.3, -22.1	18.0, -22.9	18.5, -23.5
ZONE 4	18.0, -19.5	18.9, -20.5	19.6, -21.3	20.2, -21.8
ZONE 5	18.0, -24.1	18.9, -25.3	19.6, -26.3	20.2, -27.0
- MINIMUM VALUES FOR ENERGY COMPLIANCE: ZONE 3
- MAXIMUM GLAZING U-FACTOR: 0.35
- INSULATING VALUES: CEILING: R-30\* / WALLS: R-15 / FLOOR: R-19 / SLABS: R-0. CODE REFERENCE: TABLE N1102.1 (\*R-30 ONLY IF UNCOMPRESSED, R-38 REQUIRED IF COMPRESSED)
- FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R703.8 OF THE N.C.R.B.C.
- FIREBLOCKING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R602.8 OF THE N.C.R.B.C.
- DRAFTSTOPPING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R302.12 OF THE N.C.R.B.C.

## MATERIALS LEGEND

	EARTH/COMPACT FILL		FINISH WOOD
	CONCRETE		ROUGH WOOD
	BRICK		BLOCKING
	CONCRETE BLOCK/STONE		PLYWOOD
	STEEL		BATT INSULATION
	ALUMINUM		RIGID INSULATION

## TOILET ACCESSORIES LEGEND

PROVIDE 2x4 BLOCKING IN THE WALL FOR THE FOLLOWING:

TB	TOWEL BAR
TP	TOILET PAPER HOLDER
TR	TOWEL RING
MC	MEDICINE CABINET
MR	MAGAZINE RACK

THE PURPOSE OF THESE DRAWINGS IS TO SHOW THE INTENT OF THE DESIGN AND CONSTRUCTION OF THIS HOME. ANY ERRORS AND/OR OMISSIONS FOUND IN THIS SET SHOULD IMMEDIATELY BE REPORTED TO HOMES UNIQUE FOR CLARIFICATION OR CORRECTION. THE CONTRACTOR SHOULD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION. ONCE A PERMIT HAS BEEN ISSUED FOR CONSTRUCTION, THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY AS TO THE ACCURACY OF THE PLANS AND TO ANY CHANGES MADE BY THE CONTRACTOR AND/OR THE OWNER.

DUE TO VARYING LOCAL AND STATE CODES, HOMES UNIQUE CANNOT BE HELD RESPONSIBLE FOR ANY REQUIREMENTS THAT EXISTING SITE CONDITIONS MAY CREATE.

## AREA CALCULATIONS

	HEATED:	UNHEATED:
1ST FLOOR:	1291	GARAGE: 474
TOTAL:	1291	FRONT PORCH: 85
		REAR PORCH: 100
		TOTAL: 659

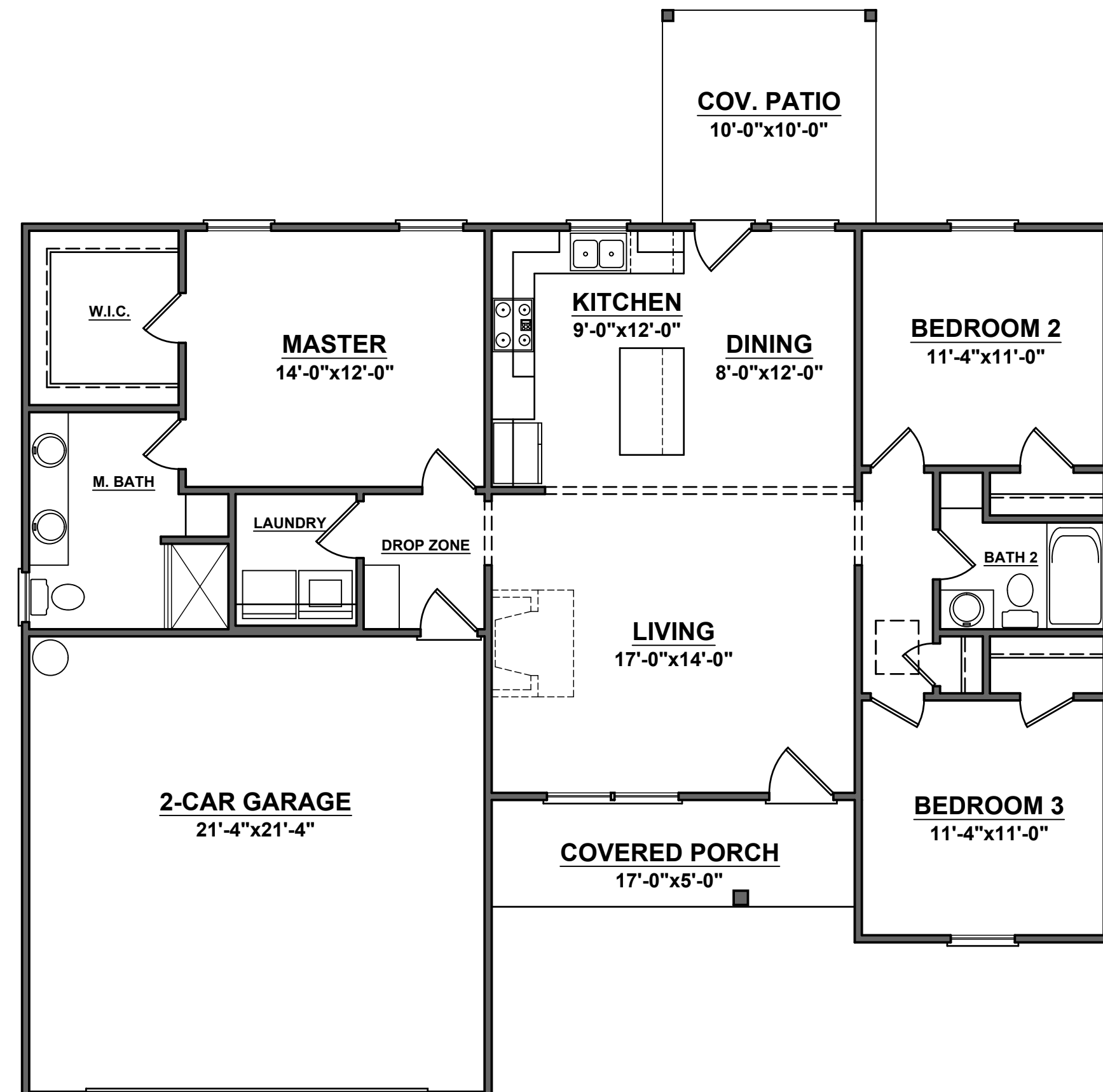
WIDTH: 51'-0"  
DEPTH: 51'-0"

## FOUNDATION VENTING CALCULATIONS

NOT NEEDED WITH SLAB FOUNDATION

## ATTIC VENTILATION REQUIREMENTS

NATURAL ROOF VENTILATION	MECHANICAL ROOF VENTILATOR
1950 SQ. FT.	1950 SQ. FT.
150 = 13.00 SQ. FT. VENT REQ'D.	300 = 6.50 SQ. FT. VENT REQ'D.
BUILDER TO PROVIDE APPROPRIATE VENTILATING AS REQUIRED PER CODE	



PROJECT INFO:  
**Gammon Construction**  
The Riverstone Elev A - L

TITLE:  
Cover Sheet

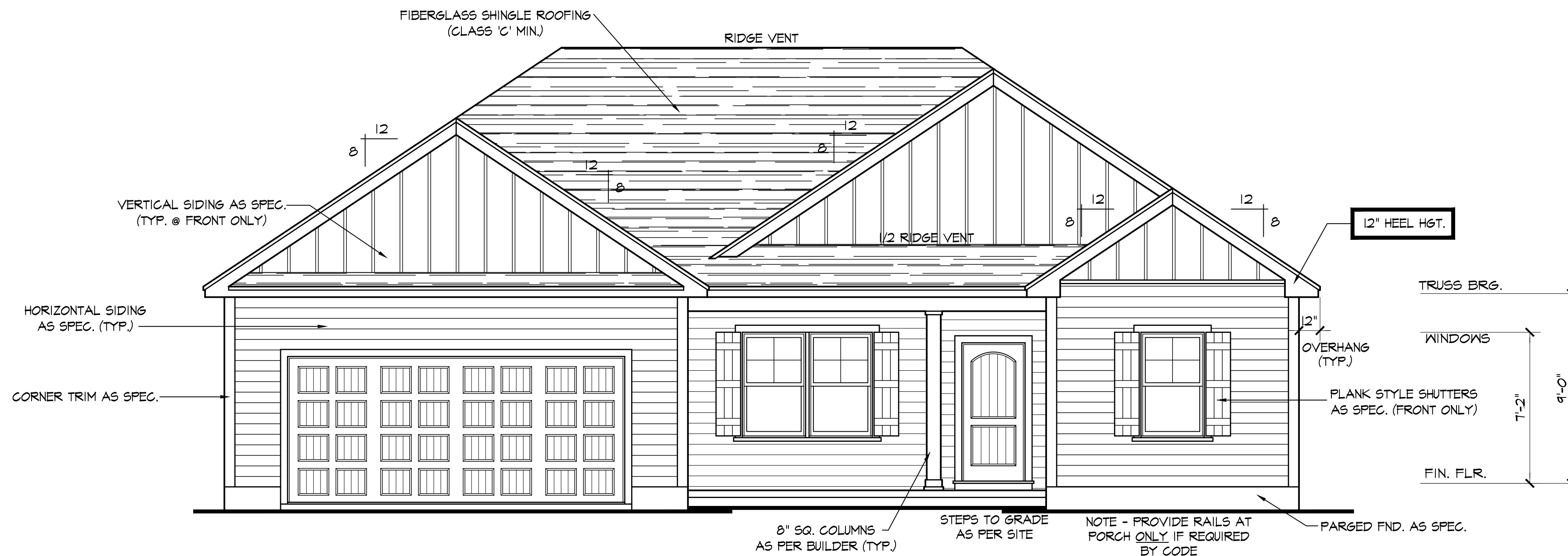
PROJECT NUMBER:  
**6518**  
DRAWN BY:  
**J.A.D.**  
CHECKED BY:  
**J.T.S.**  
REVISIONS:

DATE:  
**7/24/2024**  
SHEET:

**C**

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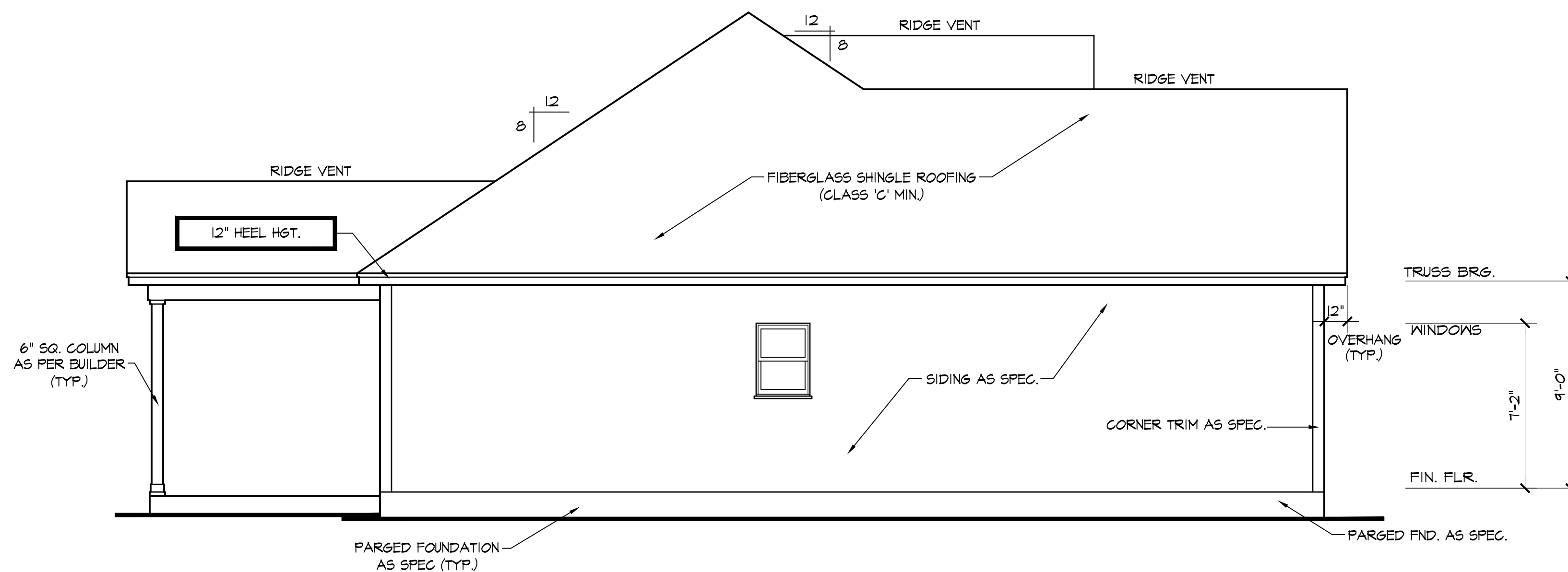
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### FRONT ELEVATION A

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

NOTE - SLOPE ALL GRADES AWAY FROM HOUSE FOR POSITIVE DRAINAGE



### LEFT SIDE ELEVATION

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

PROJECT INFO:

**Gammon Construction**  
The Riverstone Elev A - L

TITLE:

**Elevations**

PROJECT NUMBER:

**6518**

DRAWN BY:

**J.A.D.**

CHECKED BY:

**J.T.S.**

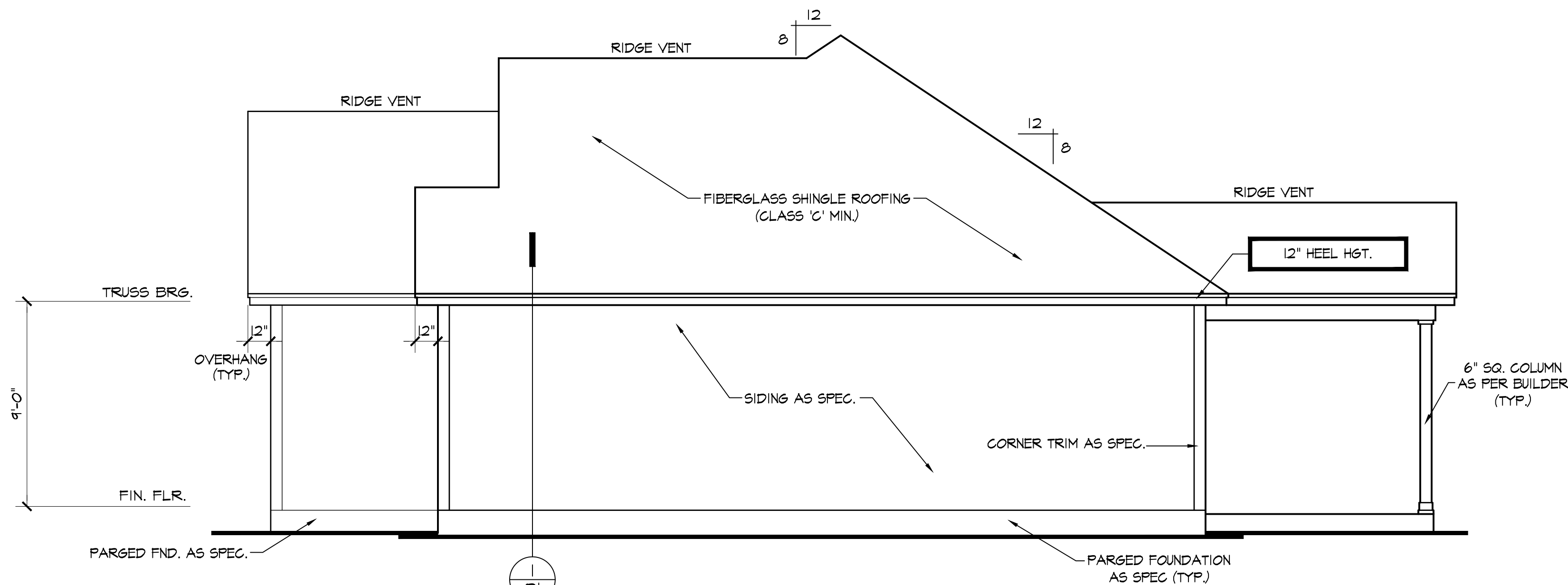
REVISIONS:

DATE:

**7/24/2024**

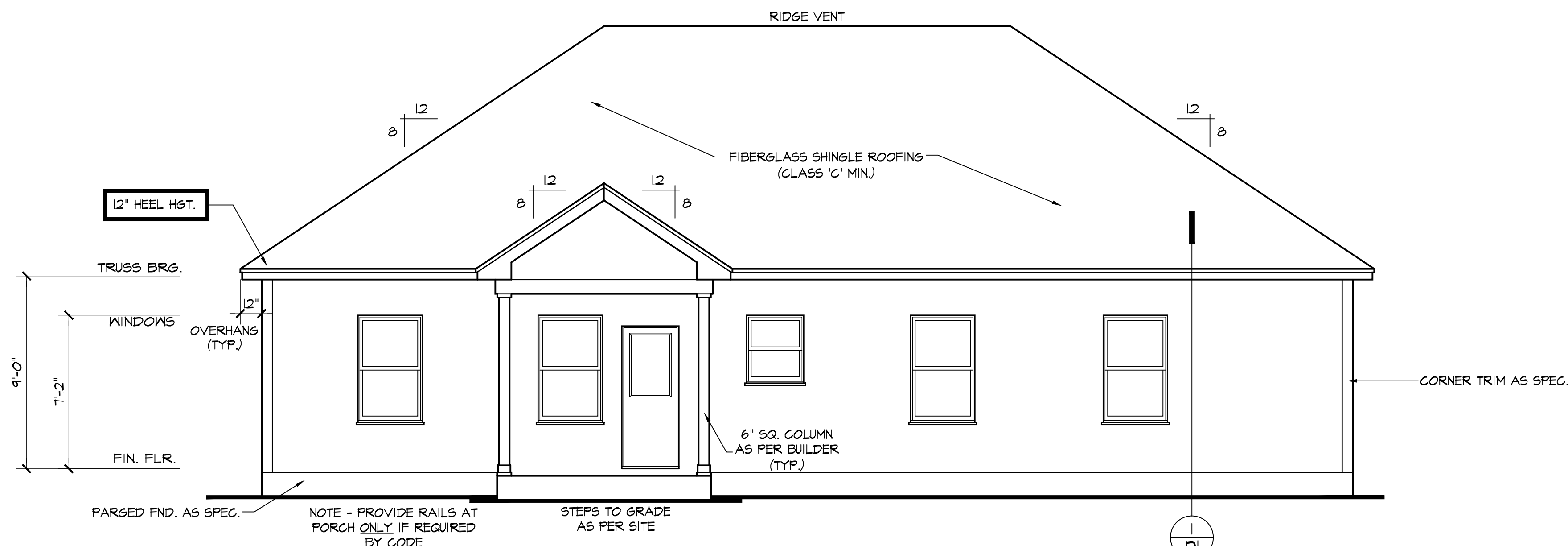
SHEET:

**1**



### RIGHT SIDE ELEVATION

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



### REAR ELEVATION

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

NOTE - SLOPE ALL GRADES AWAY FROM HOUSE FOR POSITIVE DRAINAGE

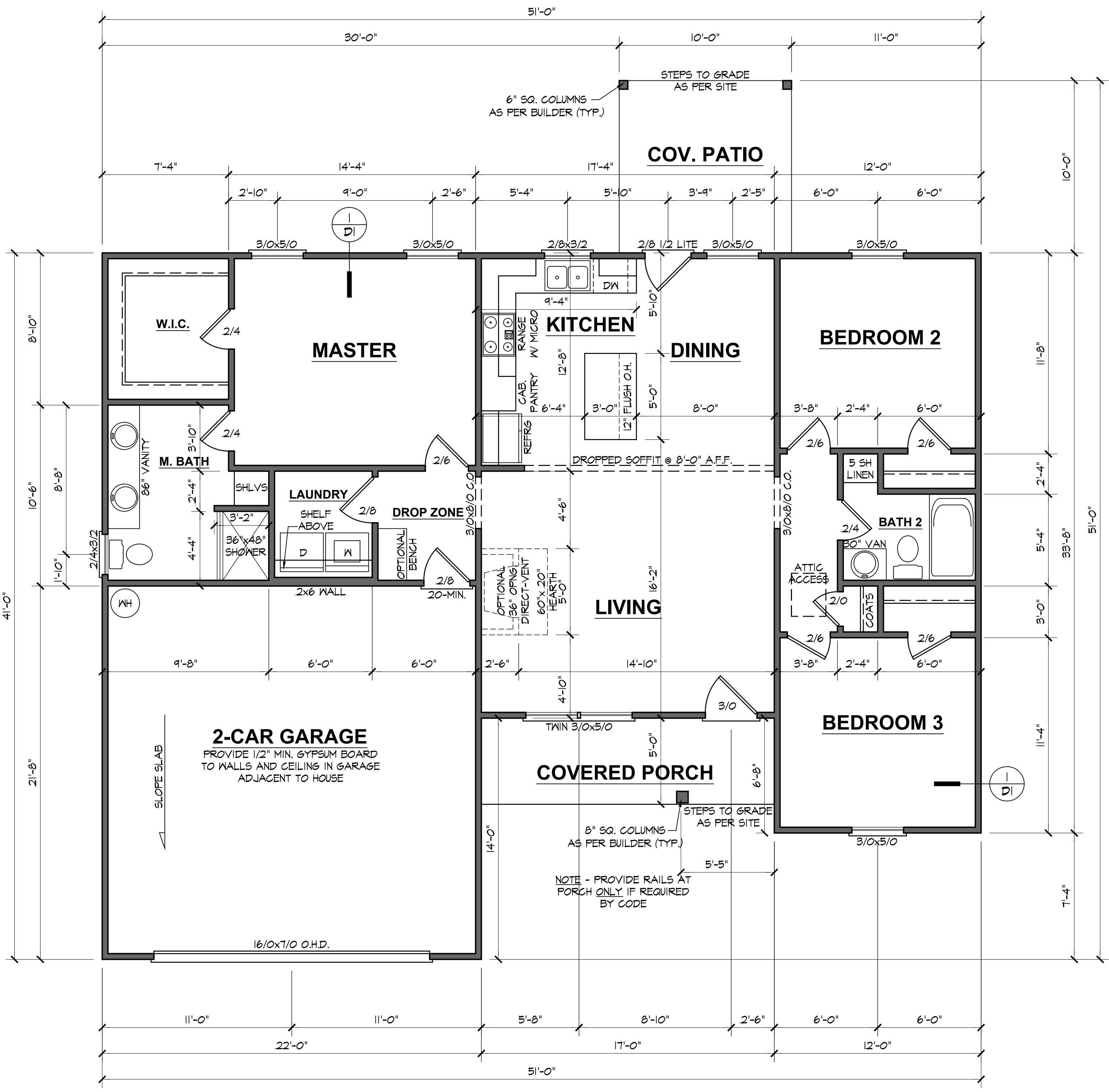
PROJECT INFO:  
**Gammon Construction**  
The Riverstone Elev A - L

**Elevations**

TITLE:  
PROJECT NUMBER:  
**6518**  
DRAWN BY:  
**J.A.D.**  
CHECKED BY:  
**J.T.S.**  
REVISIONS:

DATE:  
**7/24/2024**  
SHEET:

**2**



**NOTES:**  
ALL DOORS AND CASSED OPENINGS TO BE 6'-8" TALL UNLESS NOTED OTHERWISE.  
ROUGH FRAME ALL CASSED OPENINGS 2" BIGGER THAN FINISHED OPENING CALL FOR  
BOTTOM OF WINDOW CLEAR OPENINGS SHALL BE MORE THAN 24" ABOVE FINISH FLOOR OR A FALL PREVENTION DEVICE SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R612.3 OF THE 2018 NORTH CAROLINA RESIDENTIAL BUILDING CODE.



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**Gammon Construction**  
The Riverstone Elev A - L

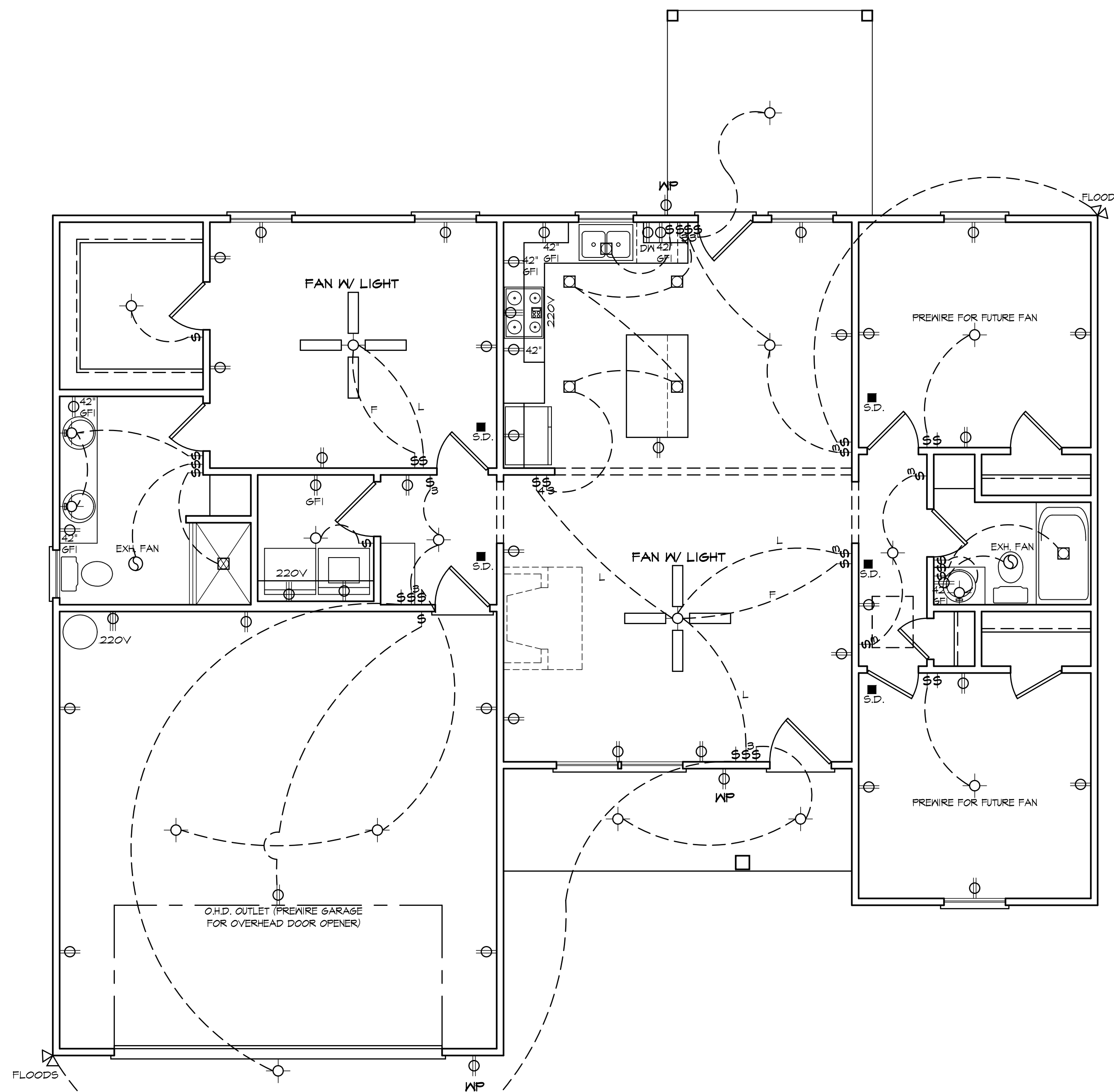
TITLE:  
**Floor Plan**

PROJECT NUMBER:  
**6518**  
DRAWN BY:  
**J.A.D.**  
CHECKED BY:  
**J.T.S.**  
REVISIONS:

DATE:  
**7/24/2024**  
SHEET:

ELECTRICAL LEGEND	
○	- LIGHT FIXTURE
⊙	- FAN/LIGHT
⊕	- WATERPROOF OUTLET
□	- RECESSED LIGHTING
\$	- SINGLE FULL SWITCH
\$₃	- 3-WAY SWITCH
\$₄	- 4-WAY SWITCH
\$₅	- DIMMER SWITCH
■	- SMOKE DETECTOR
⚡	- FLOOD LIGHTS
▽	- EYEBALL SPOTS
⊕	- DUPLEX RECEPTACLE (110V)
⊕	- 220 VOLT RECEPTACLE
⊕	- SWITCHED RECEPTACLE (TOP WIRE ONLY)
⊕ <sub>GFI</sub>	- GROUND FAULT CIRCUIT INTERRUPTOR
+	- CLG FAN/LIGHTS
—	- TRACK LIGHTS
—	- FLUORESCENT LIGHTING
○	- CABLE OUTLET
▲	- TELEPHONE OUTLET
△	- COMPUTER DATA OUTLET
⊗	- BURGLAR ALARM
□	- INTERCOM

NOTE: ALL ELECTRICAL TO BE VERIFIED BY OWNER/BUILDER BEFORE ROUGH-IN.



**ELECTRICAL PLAN**

NOTE - ELECTRICAL RECEPTACLE AND SWITCH QUANTITIES AND LOCATIONS SHOWN ON PLAN ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL NUMBER AND LOCATIONS SHALL BE FIELD DETERMINED AS PER CLIENT AND BUILDER EXCEPT WHERE CODE REQUIREMENTS APPLY.

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PROJECT INFO:  
**Gammon Construction**  
The Riverstone Elev A - L

TITLE:  
**Details**

PROJECT NUMBER:

**6518**

DRAWN BY:

**J.A.D.**

CHECKED BY:

**J.T.S.**

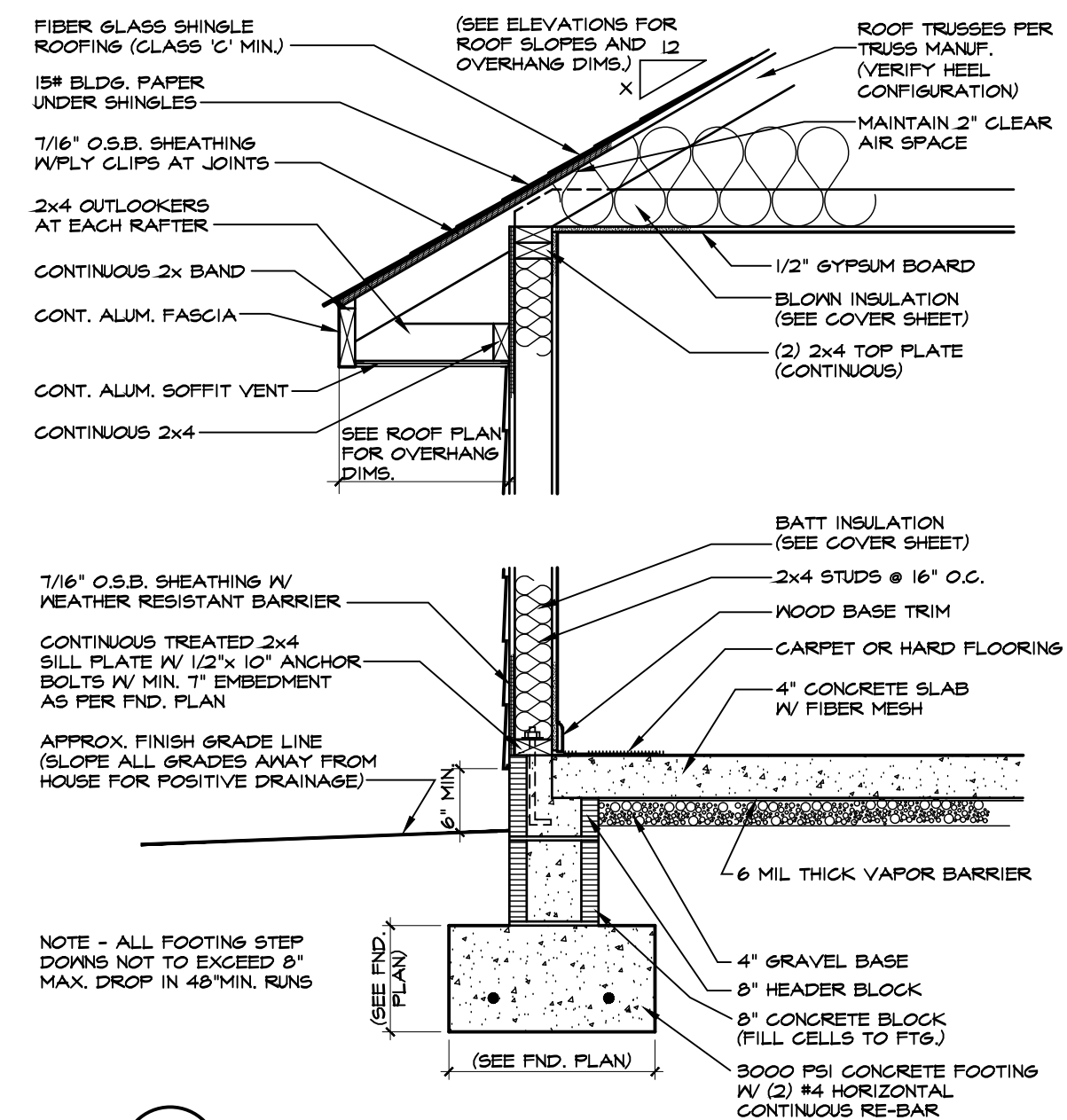
REVISIONS:

DATE:

**7/24/2024**

SHEET:

**D1**



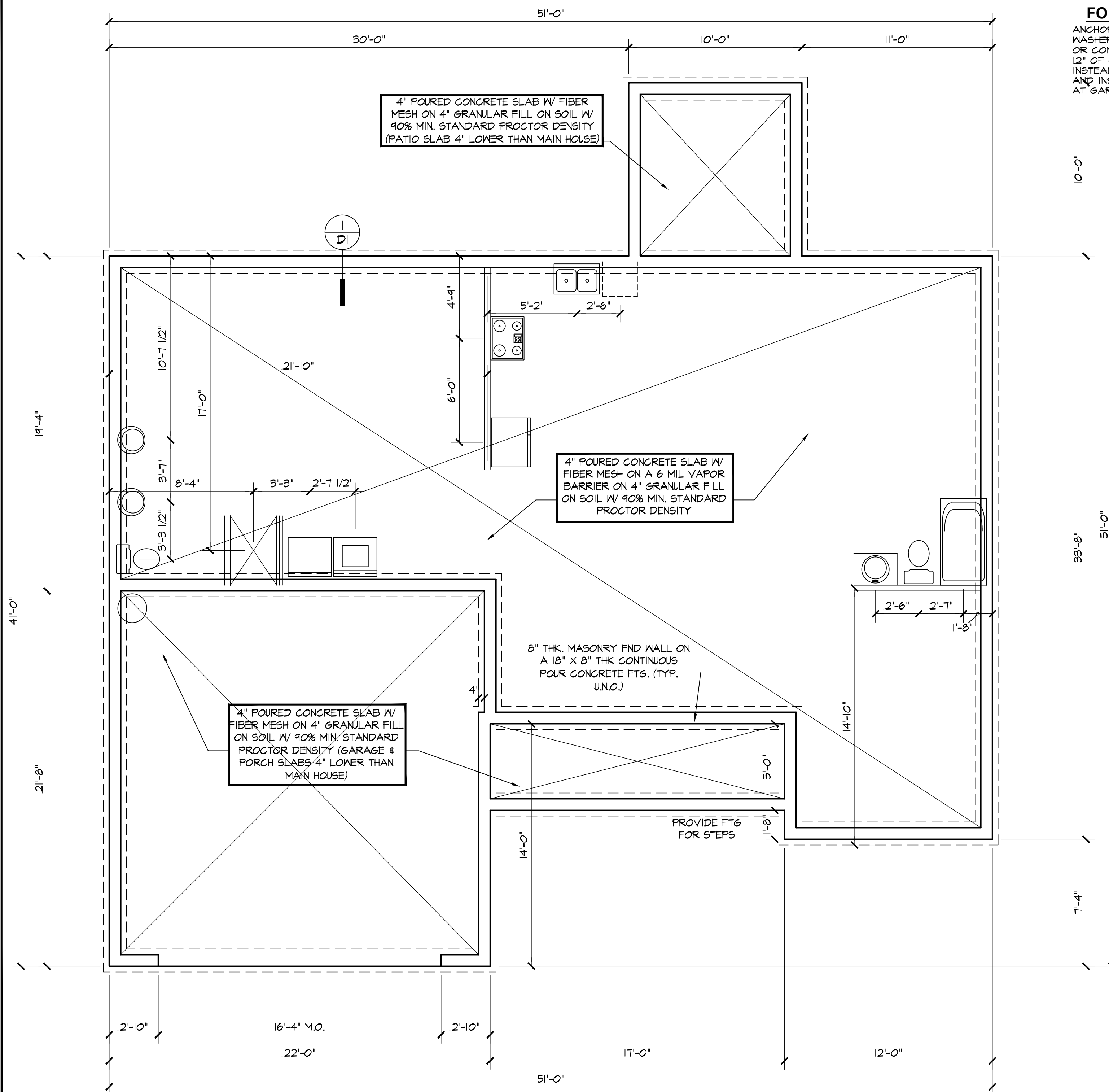
**1 ONE STORY WALL SECTION**

SCALE: 3/4"=1'-0"

BLOCK STEM WALL

**FOUNDATION WALL ANCHOR BOLTS**

ANCHOR BOLTS SHALL BE MIN. 1/2" DIAMETER WITH STANDARD WASHER AND NUT AND SHALL EXTEND 7" MIN. INTO MASONRY OR CONCRETE. BOLTS TO BE NO MORE THAN 6' O.C. AND WITHIN 12" OF CORNERS. ALTERNATE ANCHOR STRAPS CAN BE USED INSTEAD OF ANCHOR BOLTS SPACED AT THE EQUIVALENT SPACING AND INSTALLED PER MANUFACTURER'S SPECIFICATION'S EXCEPT AT GARAGE LUG FTG.



**BRACED WALL NOTES**

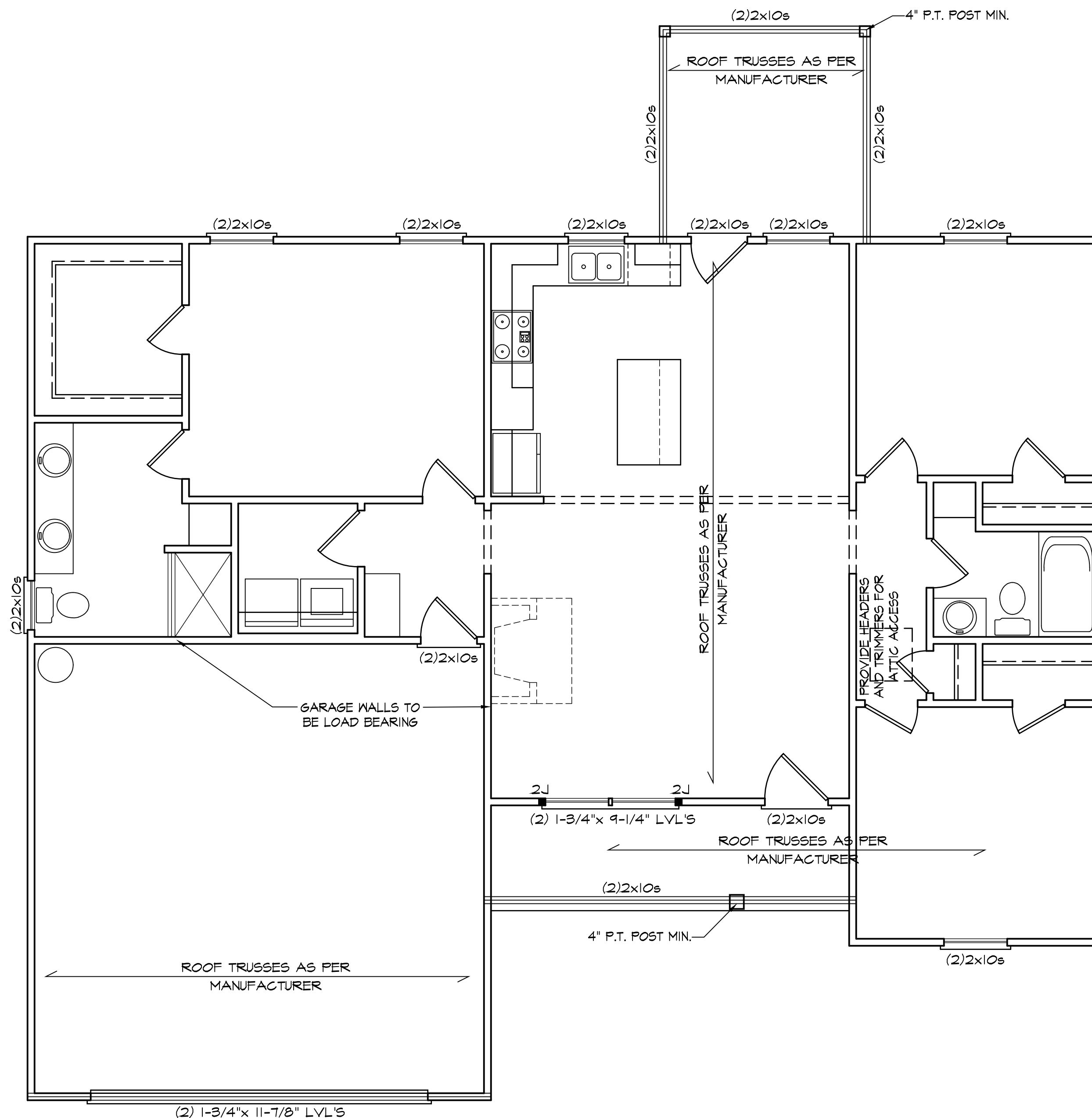
THIS PLAN SHALL BE CONTINUOUSLY BRACED WITH WOOD STRUCTURAL PANELS UTILIZING THE ALTERNATE METHOD PROVIDED BY THE TEMPORARY RULE FOR SECTION R602.10 EXCEPTION 2 OF THE NORTH CAROLINA RESIDENTIAL BUILDING CODE. ALL SHEATHABLE SURFACES SHALL BE SHEATHED WITH WOOD STRUCTURAL PANEL SHEATHING WITH A MINIMUM THICKNESS OF 3/8". SHEATHING SHALL BE SECURED WITH A MINIMUM 6d COMMON NAILS SPACED AT 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. NOTE: ALL WALLS WILL HAVE AT LEAST 50% OF THE WALL SHEATHED. THE GARAGE OPENING SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAIL CS-PF.

**LOAD CHART FOR JACK STUDS**

(BASED ON TABLE 502.5(1) AND (b))

NUMBER OF JACK STUDS REQUIRED AT EACH END OF HEADER OR GIRDER

END REACTION (IP TO)	REQUIRED STUDS FOR (2) PLY HDR	END REACTION (IP TO)	REQUIRED STUDS FOR (3) PLY HDR	END REACTION (IP TO)	REQUIRED STUDS FOR (4) PLY HDR
1700	1	2550	1	3400	1
3400	2	5100	2	6800	2
5100	3	7650	3	10200	3
6800	4	10200	4	13600	4
8500	5	12750	5	17000	5
10200	6	15300	6		
11900	7				
13600	8				
15300	9				



**CEILING STRUCT PLAN**

NOTE - ALL INTERIOR WALLS NOT LOAD BEARING MAY BE FRAMED AT 24" O.C. IF SO DESIRED.

NOTE - ALL INTERIOR HEADERS NOT LABELED TO BE (2)2x4s (TYPICAL)



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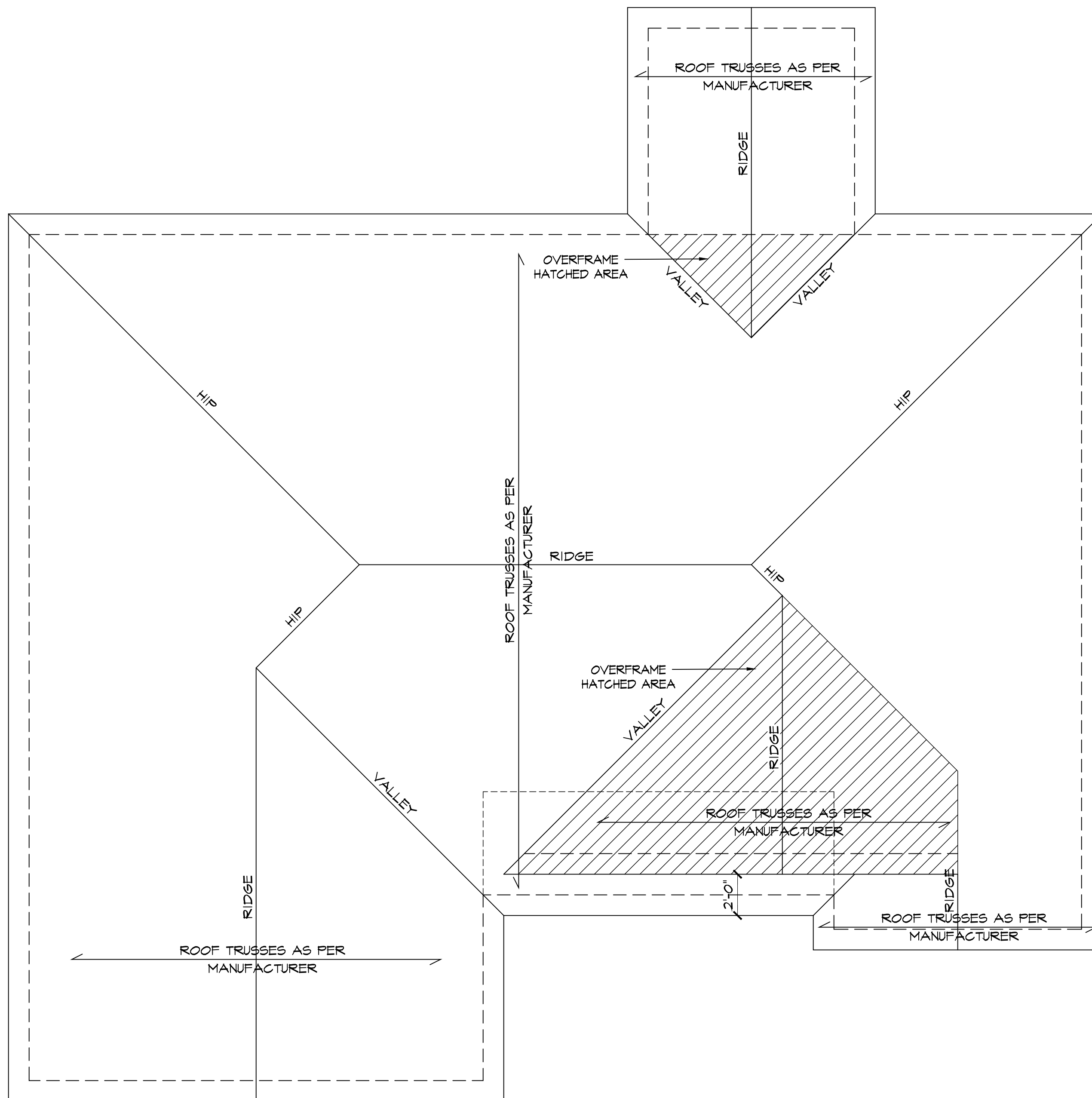
PROJECT INFO:  
**Gammon Construction**  
The Riverstone Elev A - L

TITLE:  
**Roof Plan**

PROJECT NUMBER:  
**6518**  
DRAWN BY:  
**J.A.D.**  
CHECKED BY:  
**J.T.S.**  
REVISIONS:

DATE:  
**7/24/2024**  
SHEET:

**S3**



## ROOF PLAN

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

NOTE 1 - ALL ROOF PITCHES TO BE 8/12 U.N.O.

NOTE 2 - ALL ROOF OVERHANGS TO BE 12" U.N.O.



**ROOF & FLOOR TRUSSES & BEAMS**

Reilly Road Industrial Park  
 Fayetteville, N.C. 28309  
 Phone: (910) 864-8787  
 Fax: (910) 864-4444

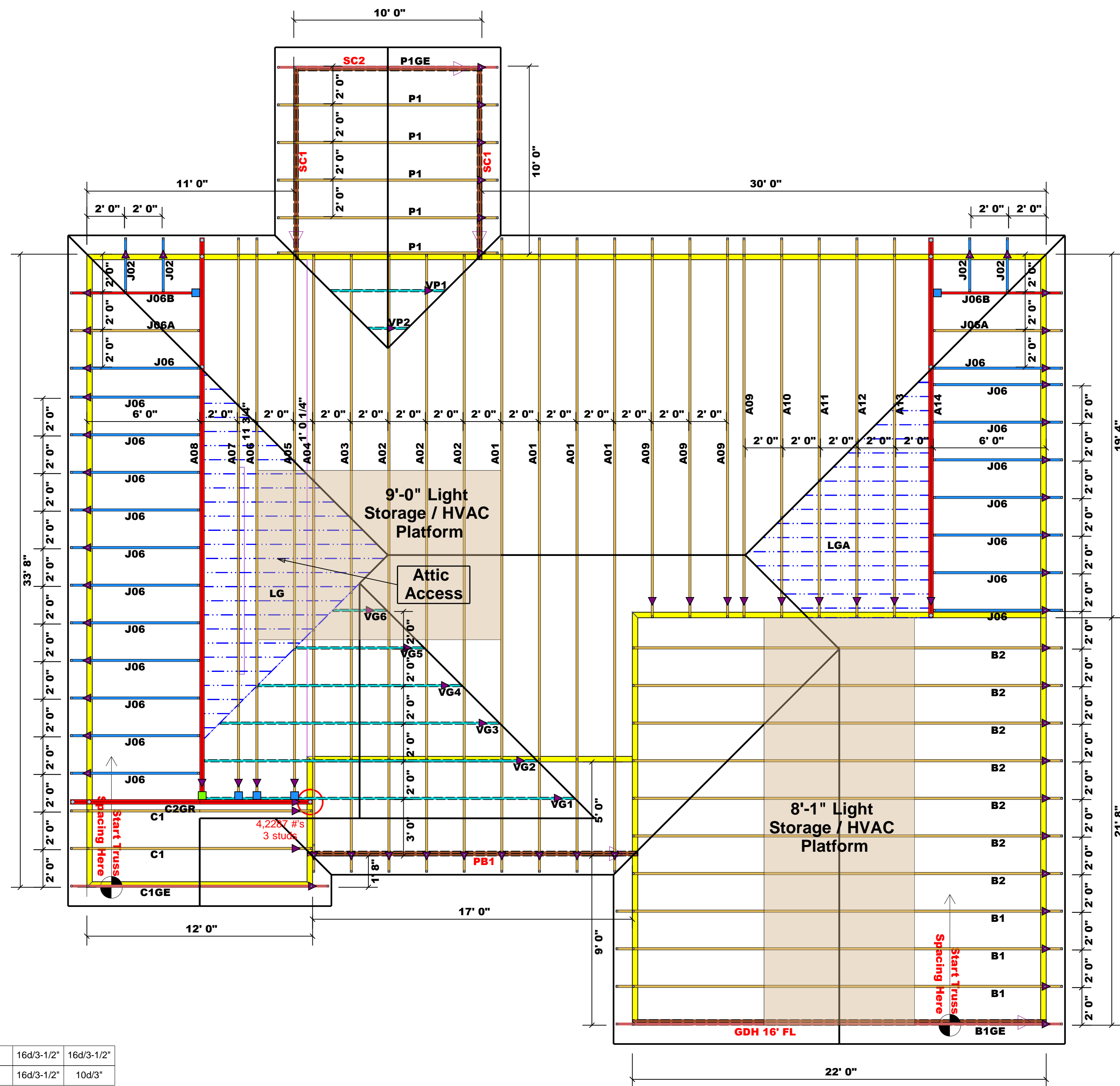
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables ( derived from the prescriptive Code requirements ) to determine the minimum foundation size and number of wood studs required to support reactions greater than 3000# but not greater than 15000#. A registered design professional shall be retained to design the support system for any reaction that exceeds those specified in the attached Tables. A registered design professional shall be retained to design the support system for all reactions that exceed 15000#.

Signature Lenny Norris  
**Lenny Norris**

**LOAD CHART FOR JACK STUDS**

(BASED ON TABLES R502.5(1) & (b))  
 NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ. STUDS FOR (1) 1" X 4" HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1" X 4" HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1" X 4" HEADER
1700	1	2550	1	3400	1
3400	2	5100	2	6800	2
5100	3	7650	3	10200	3
6800	4	10200	4	13600	4
8500	5	12750	5	17000	5
10200	6	15300	6		
11900	7				
13600	8				
15300	9				



<span style="color: blue;">■</span>	HUS26	USP	5	NA	16d/3-1/2"	16d/3-1/2"
<span style="color: green;">■</span>	THD26-2	USP	1	NA	16d/3-1/2"	10d/3"

Estimation			
Name	Selection	Formula	Calculation
Roof Area	1st Floor	Roof Area	2597.6
Roof Decking	1st Floor	Roof Decking	89

**Hatch Legend**  
 = MAIN LOAD BEARING WALLS @ 9'-1-8 HGT.  
▲ = Denotes Left End of Truss (Reference Engineered Truss Drawing)  
○ -- Denotes Reaction Greater than 3,000 lbs. Reaction / # of Studs

BEAM LEGEND					
PlotID	Length	Product	Plies	Net Qty	Fab Type
GDH 16' FL	22-00-00	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF
PB1	18-00-00	2x10 SPF No.2	2	2	FF
SC1	12-00-00	2x10 SPF No.2	2	4	FF
SC2	10-00-00	2x10 SPF No.2	2	2	FF

**Truss Placement Plan**  
**SCALE: 1/4" = 1'-0"**

<b>BUILDER</b>	Gammon Construction, LLC	<b>CITY / CO.</b>	Pikeville / Wayne
<b>JOB NAME</b>	Lot 16 Sillinger Creek	<b>ADDRESS</b>	W Sillinger Dr.
<b>PLAN</b>	Riverstone "A"	<b>MODEL</b>	ROOF
<b>SEAL DATE</b>	Seal Date	<b>DATE REV.</b>	/ /
<b>QUOTE #</b>	Quote #	<b>DRAWN BY</b>	Lenny Norris
<b>JOB #</b>	J0824-4404	<b>SALES REP.</b>	Lenny Norris

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbcindustry.com



**ROOF & FLOOR TRUSSES & BEAMS**

Reilly Road Industrial Park  
Fayetteville, N.C. 28309  
Phone: (910) 864-8787  
Fax: (910) 864-4444

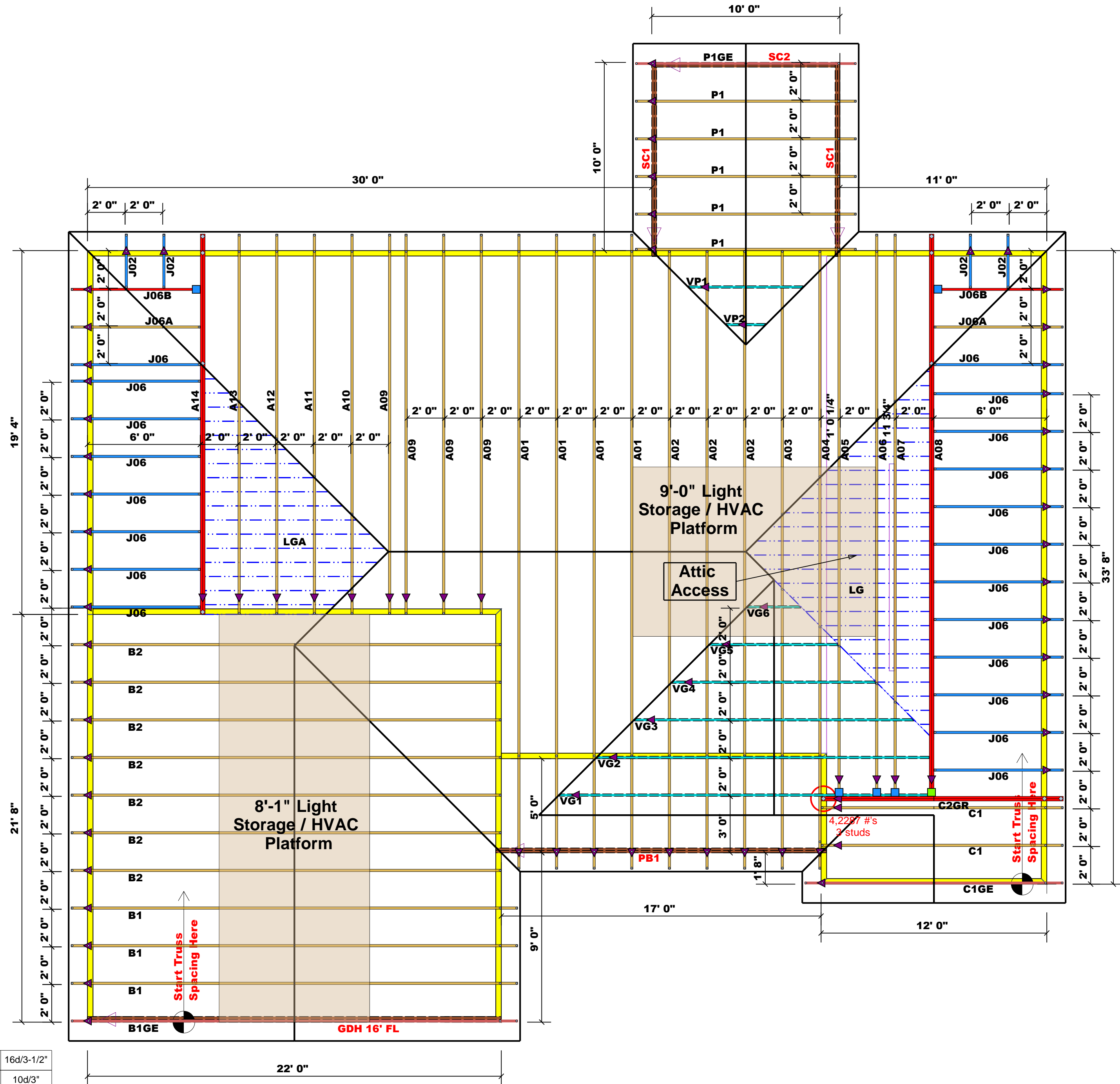
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables ( derived from the prescriptive Code requirements ) to determine the minimum foundation size and number of wood studs required to support reactions greater than 3000# but not greater than 15000#. A registered design professional shall be retained to design the support system for any reaction that exceeds those specified in the attached Tables. A registered design professional shall be retained to design the support system for all reactions that exceed 15000#.

Signature Lenny Norris  
**Lenny Norris**

**LOAD CHART FOR JACK STUDS**

(BASED ON TABLES R502.5(1) & (b))  
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ. STUDS FOR (1) 1/2" HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1/2" HEADER
1700	1	2550	1
3400	2	5100	2
5100	3	7650	3
6800	4	10200	4
8500	5	12750	5
10200	6	15300	6
11900	7		
13600	8		
15300	9		



<span style="color: blue;">■</span>	HUS26	USP	5	NA	16d/3-1/2"	16d/3-1/2"
<span style="color: green;">■</span>	THD26-2	USP	1	NA	16d/3-1/2"	10d/3"

Estimation			
Name	Selection	Formula	Calculation
Roof Area	1st Floor	Roof Area	2597.6
Roof Decking	1st Floor	Roof Decking	89

Hatch Legend  
 = MAIN LOAD BEARING WALLS @ 9'-1-8 HGT.

▲- Denotes Left End of Truss  
 (Reference Engineered Truss Drawing)

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.  
 ○ -- Denotes Reaction Greater than 3,000 lbs. Reaction / # of Studs

BEAM LEGEND						
PlotID	Length	Product	Plies	Net Qty	Fab Type	
GDH 16' FL	22' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF	
PB1	18' 0"	2x10 SPF No.2	2	2	FF	
SC1	12' 0"	2x10 SPF No.2	2	4	FF	
SC2	10' 0"	2x10 SPF No.2	2	2	FF	

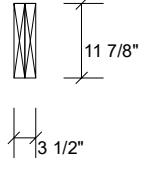
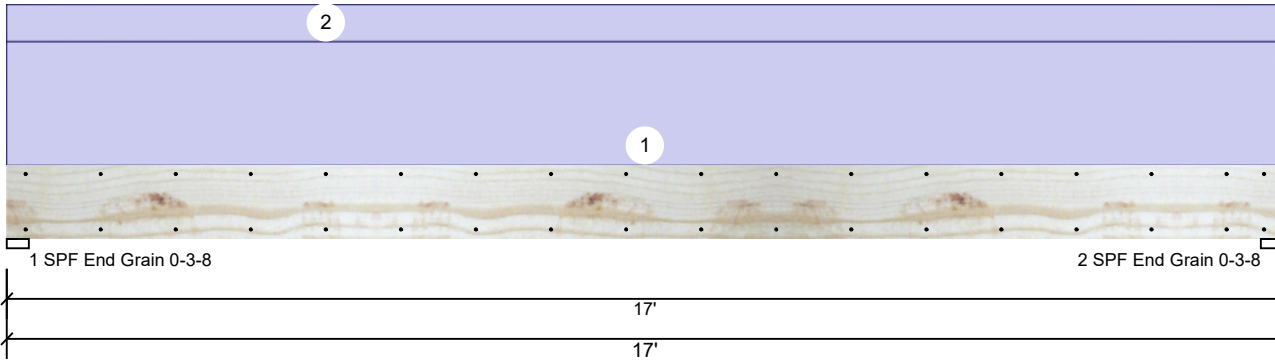
**Truss Placement Plan**  
**SCALE: 1/4" = 1'-0"**

<b>BUILDER</b>	Cammon Construction, LLC	<b>CITY / CO.</b>	Pikeville / Wayne
<b>JOB NAME</b>	Lot 16 Sillinger Creek	<b>ADDRESS</b>	W Sillinger Dr.
<b>PLAN</b>	Riverstone "A"	<b>MODEL</b>	ROOF
<b>SEAL DATE</b>	Seal Date	<b>DATE REV.</b>	/ /
<b>QUOTE #</b>	Quote #	<b>DRAWN BY</b>	Lenny Norris
<b>JOB #</b>	J0824-4404	<b>SALES REP.</b>	Lenny Norris

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**GDH 16' FL Kerto-S LVL 1.750" X 11.875" 2-Ply - PASSED**

Level: Level



**Member Information**

Type:	Girder	Application:	Floor
Plies:	2	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IRC 2018
Deflection LL:	480	Load Sharing:	No
Deflection TL:	360	Deck:	Not Checked
Importance:	Normal - II		
Temperature:	Temp <= 100°F		

**Reactions UNPATTERNED lb (Uplift)**

Brg	Direction	Live	Dead	Snow	Wind	Const
1	Vertical	0	2289	0	0	0
2	Vertical	0	2289	0	0	0

**Bearings**

Bearing	Length	Dir.	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF End Grain	3.500"	Vert	22%	2289 / 0	2289	Uniform	D
2 - SPF End Grain	3.500"	Vert	22%	2289 / 0	2289	Uniform	D

**Analysis Results**

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	9209 ft-lb	8'6"	17919 ft-lb	0.514 (51%)	D	Uniform
Unbraced	9209 ft-lb	8'6"	9215 ft-lb	0.999 (100%)	D	Uniform
Shear	1953 lb	1'3 3/8"	7980 lb	0.245 (24%)	D	Uniform
LL Defl inch	0.000 (L/999)	0	999.000 (L/0)	0.000 (0%)		
TL Defl inch	0.490 (L/405)	8'6 1/16"	0.551 (L/360)	0.888 (89%)	D	Uniform

**Design Notes**

- Provide support to prevent lateral movement and rotation at the end bearings. Lateral support may also be required at the interior bearings by the building code.
- Fasten all plies using 2 rows of 10d Box nails (.128x3") at 12" o.c. Maximum end distance not to exceed 6".
- Refer to last page of calculations for fasteners required for specified loads.
- Girders are designed to be supported on the bottom edge only.
- Top loads must be supported equally by all plies.
- Top must be laterally braced at a maximum of 9'11 13/16" o.c.
- Bottom must be laterally braced at end bearings.
- Lateral slenderness ratio based on single ply width.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Uniform			Top	200 PLF	0 PLF	0 PLF	0 PLF	0 PLF	GABLE END
2	Uniform			Top	60 PLF	0 PLF	0 PLF	0 PLF	0 PLF	DEAD WALL
	Self Weight				9 PLF					

**Notes**

Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

**Lumber**

- Dry service conditions, unless noted otherwise
- LVL not to be treated with fire retardant or corrosive chemicals

chemicals

**Handling & Installation**

- LVL beams must not be cut or drilled
- Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals
- Damaged Beams must not be used
- Design assumes top edge is laterally restrained
- Provide lateral support at bearing points to avoid lateral displacement and rotation

6. For flat roofs provide proper drainage to prevent ponding

This design is valid until 6/28/2026

**Manufacturer Info**

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