

CSI

PLANS DESIGNED TO THE
2018 NORTH CAROLINA STATE
RESIDENTIAL BUILDING CODE.

- GENERAL NOTES
1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AND REGULATIONS.
 2. CONTRACTOR SHALL THOROUGHLY REVIEW ALL SHEETS IN PLAN SET AND VERIFY ALL DETAILS AND DIMENSIONS BEFORE BEGINNING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO RENAISSANCE RESIDENTIAL DESIGN, INC. FOR JUSTIFICATION AND/OR CORRECTION BEFORE PROCEEDING WITH WORK. CONTRACTORS SHALL ASSUME RESPONSIBILITY FOR ERRORS THAT ARE NOT REPORTED PRIOR TO CONSTRUCTION.
 3. ALL DIMENSIONS SHOULD BE READ OR CALCULATED AND NEVER SCALED.
 4. CONTRACTOR SHALL ENSURE COMPATIBILITY OF THE BUILDING WITH ALL SITE REQUIREMENTS.

NOTICE TO CONTRACTOR
All construction must comply with current NC Building Code and is subject to local inspection and variations.

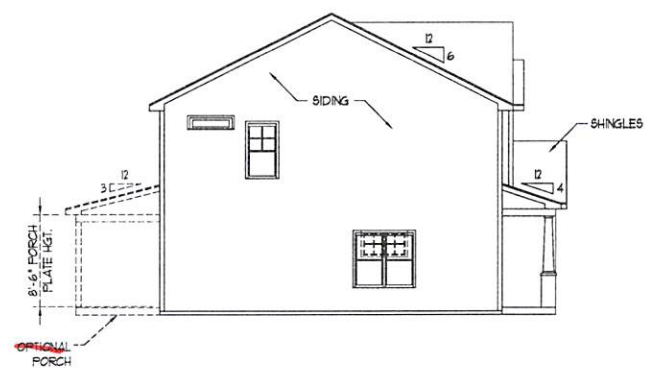
APPROVED
Limited building only review.
Permit holder responsible for full compliance with the code.

03/08/2021

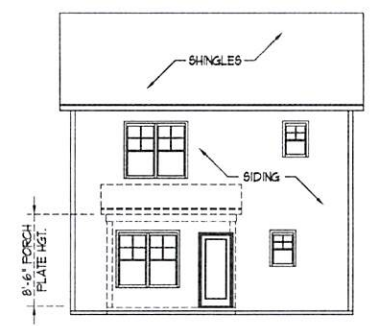


Stained Cedar - Elbow

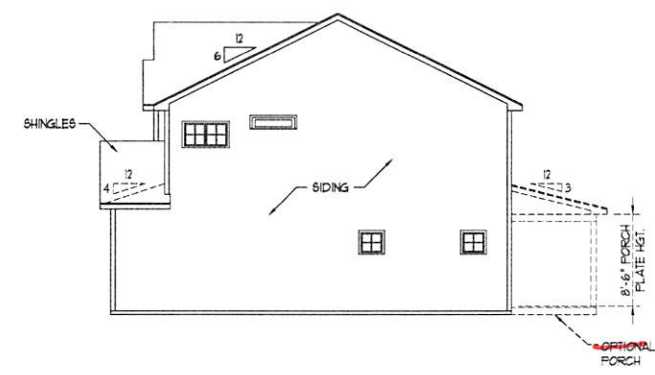
FRONT ELEVATION-C
SCALE: 1/4" = 1'-0"



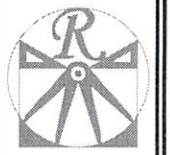
LEFT ELEVATION
SCALE: 1/8" = 1'-0"



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



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



RENAISSANCE
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RALEIGH, NC 27612
919.684.4138
WWW.RENCAROLINA.COM

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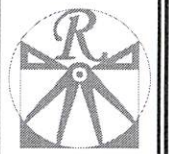
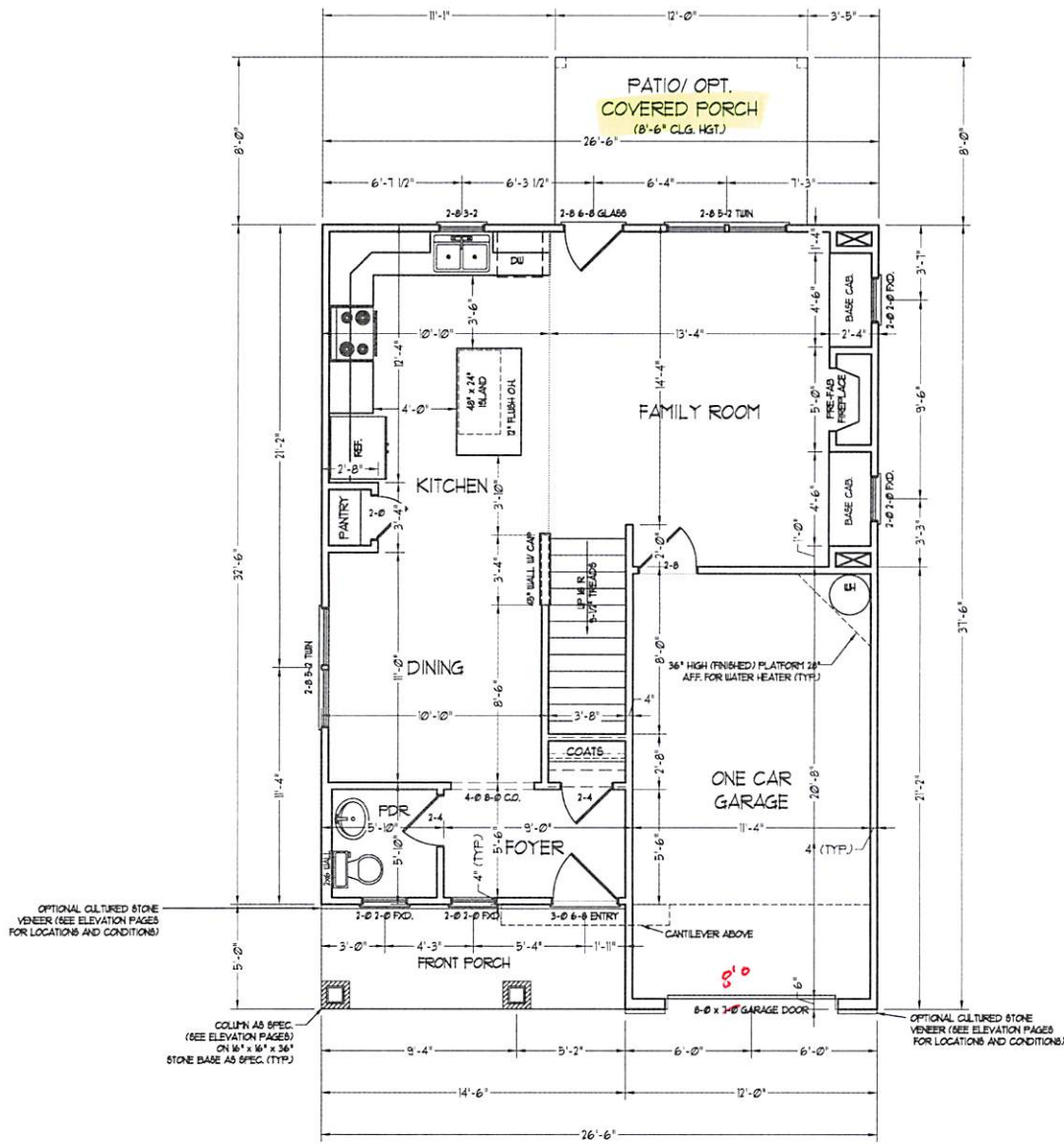
1555 W. WILSON DRIVE • DURHAM, NC 27615
919.487.2149 • WWW.WEAVERHOMES.COM

WEAVER HOMES
CAROLINA COLLECTION
HICKORY

DATE: AUGUST 25, 2020
REV.
SCALE: 1/4" = 1'-0"
DRAWN BY: WJO
ENGINEERED BY:
REVIEWED BY:

C - ELEVATIONS
A-3

SQUARE FOOTAGE (S.F.)	
1st FLOOR	639 S.Q. FT.
2nd FLOOR	795 S.Q. FT.
TOTAL	1434 S.Q. FT.
GARAGE	232 S.Q. FT.
FRONT PORCH	73 S.Q. FT.
STD. REAR PATIO	96 S.Q. FT.
OPT. REAR PORCH	96 S.Q. FT.



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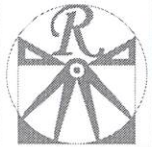
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REV: _____
SCALE: 1/4" = 1'-0"
DRAWN BY: WJO
ENGINEERED BY: _____
REVIEWED BY: _____

FIRST FLOOR
PLAN

SCALE NOTE: 18x24 PRINTS ARE TO SCALE AS NOTED.
11x17 PRINTS ARE NOT TO SCALE

A-4



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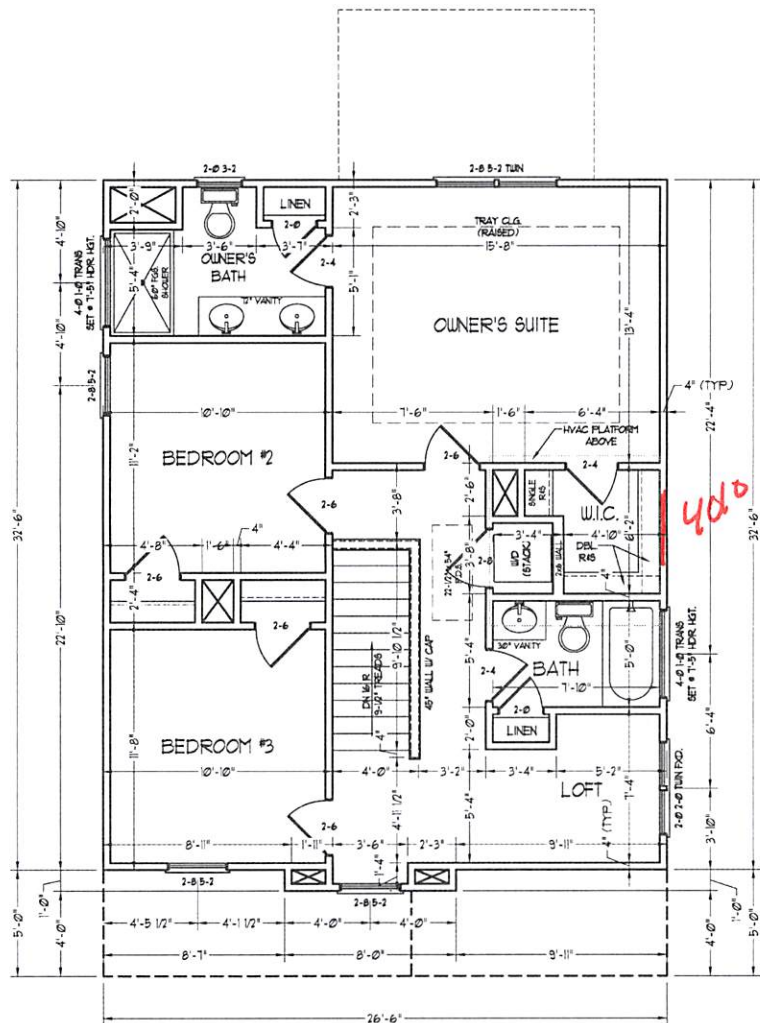
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DATE: AUGUST 25, 2020
REV: _____
SCALE: 1/4" = 1'-0"
DRAWN BY: WCO
ENGINEERED BY: _____
REVIEWED BY: _____

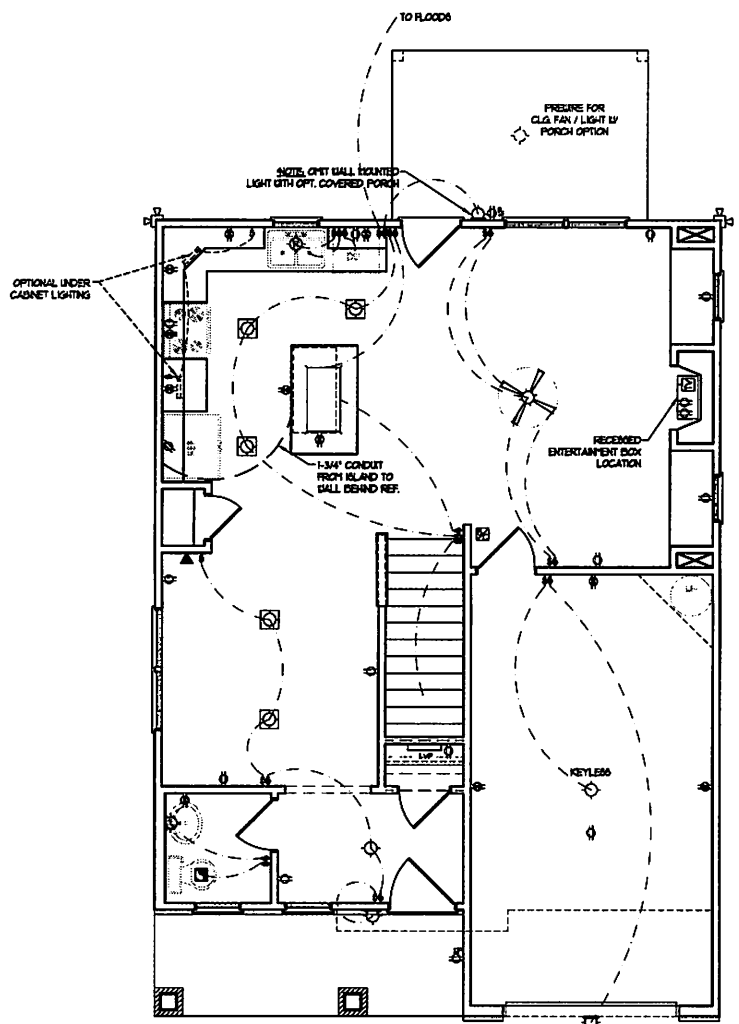
SECOND FLOOR
PLAN

A-5

SCALE NOTE: 18x24 PRINTS ARE
TO SCALE AS NOTED.
11x17 PRINTS ARE NOT TO SCALE



4x8 TOO PLATE

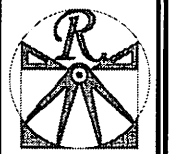


ELECTRICAL LAYOUT NOTES:

- 1) BLOCK AND LINE FOR ALL CEILING FANS PER PLAN
- 2) VANITY LIGHTS TO BE SET @ 90° AFF. (TYP)
- 3) ADDITIONAL EXTERIOR OUTLETS REQUIRED BY CODE TO BE LOCATED BY ELECTRICIAN
- 4) PLACE SWITCHES @ 10" FROM ROUGH OPENING.

- ELECTRICAL LEGEND**
- ⊖ 120 V OUTLET
 - ⊖ 120 V GFI OUTLET
 - ⊖ 120 V SWITCHED OUTLET
 - ⊖ 120 V BASEBOARD OUTLET
 - ⊖ 4-FLEX
 - ⊖ COUNTER OR FLOOR MOUNTED
 - ⊖ COUNTER OR FLOOR MOUNTED 120V GFI
 - ⊖ WEATHER-PROOF
 - ⊖ 220 V OUTLET
 - ⊖ 120 V DEDICATED CIRCUIT
 - ⊖ 220 V DEDICATED CIRCUIT
 - ⊖ SPECIAL PURPOSE (120 V, ETC)
 - ⊖ WALL MOUNT LIGHT
 - ⊖ CEILING MOUNT LIGHT
 - ⊖ PENDANT LIGHT
 - ⊖ RECESSED CAN LIGHT
 - ⊖ NON CAN LIGHT
 - ⊖ EYE-BALL LIGHT
 - ⊖ FLUORESCENT LIGHT
 - ⊖ UNDERCABINET LIGHT
 - ⊖ FLOOD LIGHT
 - ⊖ SWITCH
 - ⊖ DIMMER SWITCH
 - ⊖ TELEPHONE
 - ⊖ DATA
 - ⊖ TELEPHONE AND DATA
 - ⊖ TV CONNECTION
 - ⊖ TV/ DATA
 - ⊖ CONDUIT FOR COMPONENT DRING
 - ⊖ SPEAKER
 - ⊖ 120 V SMOKE/ CO DETECTOR
 - ⊖ 120 V SMOKE DETECTOR
 - ⊖ EXHAUST FAN
 - ⊖ LOW VOLTAGE PANEL
 - ⊖ ALARM PANEL
 - ⊖ CEILING FAN
 - ⊖ CEILING FAN W/ LIGHT

SCALE NOTE: 18x24 PRINTS ARE TO SCALE AS NOTED. 11x17 PRINTS ARE NOT TO SCALE



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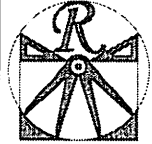
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REV: _____
SCALE: 1/4" = 1'-0"
DRAWN BY: WCI
ENGINEERED BY: _____
REVIEWED BY: _____
FIRST FLOOR ELECTRICAL PLAN

E-1



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DATE: AUGUST 25, 2020

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

DRAWN BY: WO

ENGINEERED BY: _____

REVIEWED BY: _____

SECOND FLOOR

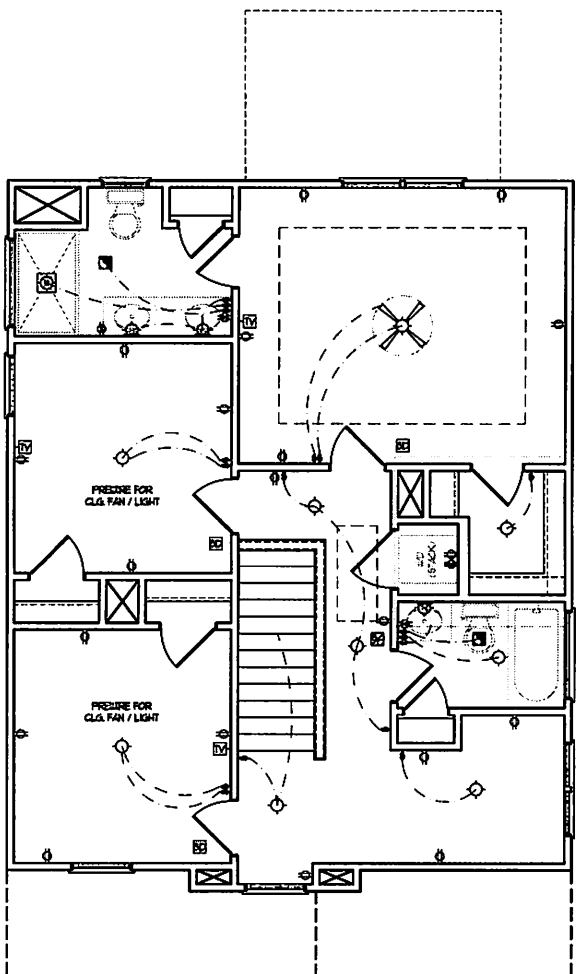
ELECTRICAL

PLAN

E-2

ELECTRICAL LAYOUT NOTES:

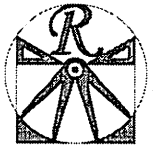
- 1) BLOCK AND WIRE FOR ALL CEILING FANS PER PLAN.
- 2) VANITY LIGHTS TO BE SET @ 50" AFF. (TYP.)
- 3) ADDITIONAL EXTERIOR OUTLETS REQUIRED BY CODE TO BE LOCATED BY ELECTRICIAN.
- 4) PLACE SWITCHES 18" MIN FROM ROUGH OPENINGS.



ELECTRICAL LEGEND

- ⊕ 120 V OUTLET
- ⊕ 120 V GFI OUTLET
- ⊕ 120 V SWITCHED OUTLET
- ⊕ 120 V DASHBOARD OUTLET
- ⊕ 4-FLEX
- ⊕ COUNTER OR FLOOR MOUNTED
- ⊕ COUNTER OR FLOOR MOUNTED 120V GFI
- ⊕ WEATHER-PROOF
- ⊕ 220 V OUTLET
- ⊕ 120 V DEDICATED CIRCUIT
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- ⊕ ALARM PANEL
- ⊕ CEILING FAN
- ⊕ CEILING FAN W/ LIGHT

SCALE NOTE: 18x24 PRINTS ARE TO SCALE AS NOTED.
11x17 PRINTS ARE NOT TO SCALE



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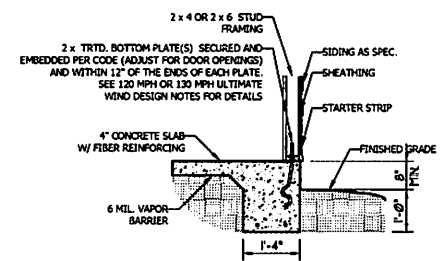
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HICKORY

DATE: 11/01/21
REV: 1
SCALE: 1/4" = 1'-0"
DRAWN BY: WJO
ENGINEERED BY:
REVIEWED BY:
MONOSLAB
FOUNDATION
PLAN

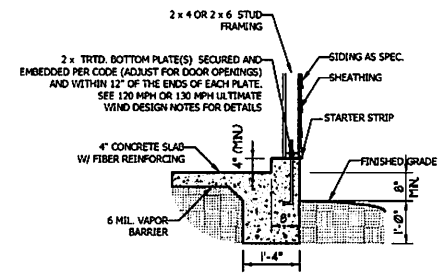
S-1

ULTIMATE DESIGN WIND SPEED NOTES FOR LESS THAN 30' MEAN ROOF HEIGHT:

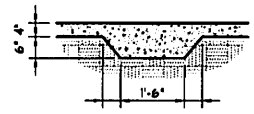
1. STRUCTURAL DESIGN PER NORTH CAROLINA RESIDENTIAL CODE, 2018 EDITION.
2. FOR 120 MPH WIND ZONES INSTALL 1/2" ANCHOR BOLTS 4'-0" O.C. AND WITHIN 1'-0" FROM END OF EACH CORNER. ANCHOR BOLTS MUST EXTEND A MINIMUM OF 7" INTO CONCRETE OR 15" INTO MASONRY. LOCATE BOLT WITHIN MIDDLE THIRD OF PLATE WIDTH.
3. FOR 130 MPH WIND ZONES INSTALL 1/2" ANCHOR BOLTS 4'-0" O.C. AND WITHIN 1'-0" FROM END OF EACH CORNER. ANCHOR BOLTS MUST EXTEND A MINIMUM OF 7" INTO CONCRETE OR 15" INTO MASONRY. LOCATE BOLT WITHIN MIDDLE THIRD OF PLATE WIDTH.
4. MEAN ROOF HEIGHT IS LESS THAN 30 FEET.
5. EXTERIOR WALLS DESIGNED FOR 120 OR 130 MPH WINDS.
6. INSTALL 7/16" OSB SHEATHING ON ALL EXTERIOR WALLS OF ALL STORIES IN ACCORDANCE WITH SECTION R602.10.3 OF THE IRC, 2018 EDITION.
7. ENERGY EFFICIENCY COMPLIANCE AND INSULATION VALUES OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTER 11 OF THE NCRC, 2018 EDITION.



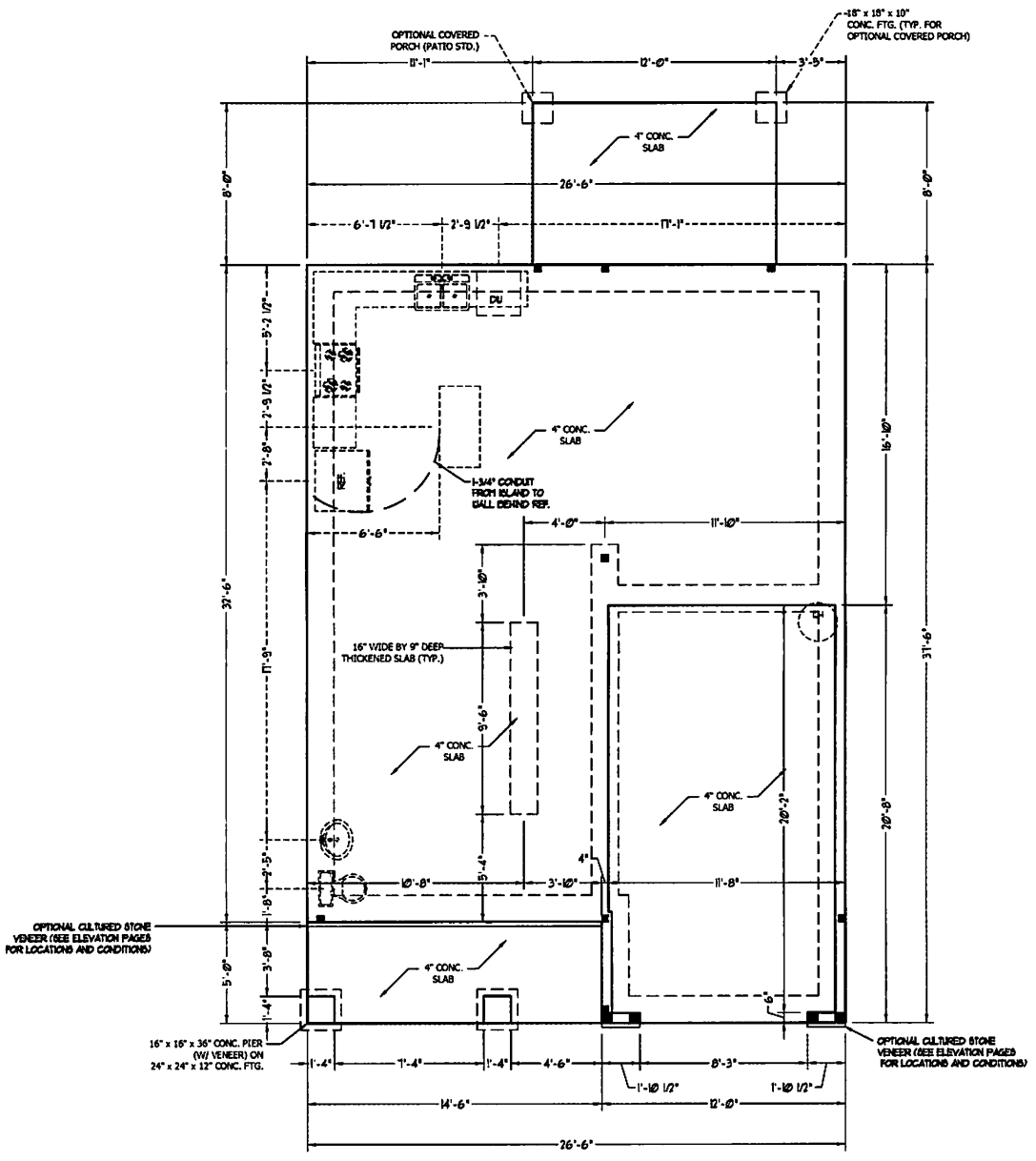
TYPICAL SLAB DETAIL



GARAGE CURB DETAIL



THICKENED SLAB DETAIL



SCALE NOTE: 18x24 PRINTS ARE TO SCALE AS NOTED.
11x17 PRINTS ARE NOT TO SCALE



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#.

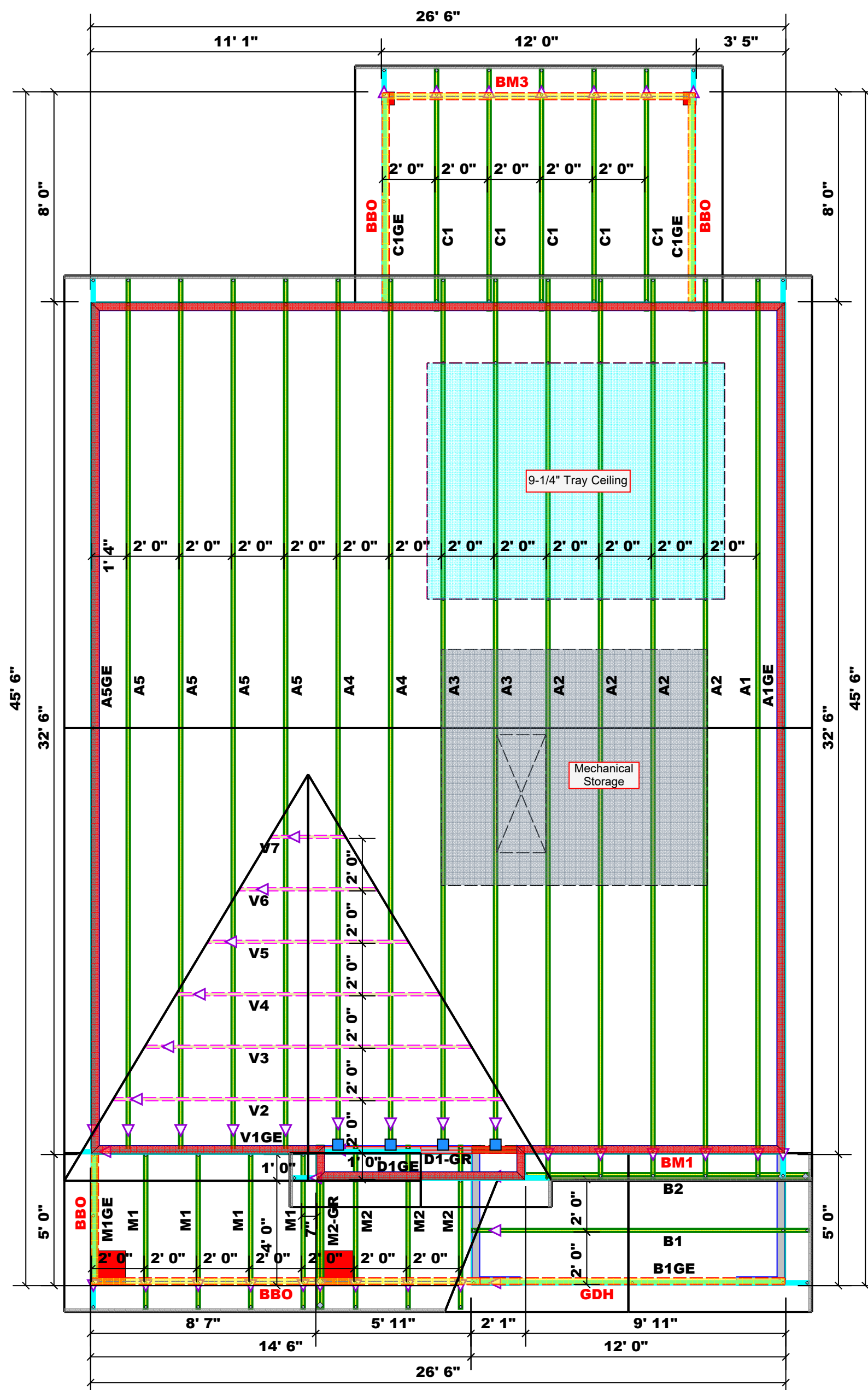
Signature David Landry

David Landry

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'D STUDS FOR (1) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (1) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (1) PLY 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				



Dimension Notes

- All exterior wall to wall dimensions are to face of sheathing unless noted otherwise
- All interior wall dimensions are to face of frame wall unless noted otherwise
- All exterior wall to truss dimensions are to face of frame wall unless noted otherwise

All Walls Shown Are Considered Load Bearing

Roof Area = 1468.1 sq.ft.
Ridge Line = 52.07 ft.
Hip Line = 0 ft.
Horiz. OH = 98.57 ft.
Raked OH = 159.04 ft.
Decking = 50 sheets

Hatch Legend

[Grey Hatch]	Padded HVAC
[Red Hatch]	2nd Floor Walls
[Light Blue Hatch]	Tray Ceiling
[Yellow Hatch]	Drop Beam

Connector Information

Sym	Product	Manuf	Qty	Supported Member	Header	Truss
[Blue Square]	HUS26	USP	4	NA	16d/3-1/2"	16d/3-1/2"

Products

PlotID	Length	Product	Plies	Net Qty
BM1	12' 0"	1-3/4"x 16" LVL Kerto-S	2	2
BM2	15' 0"	1-3/4"x 16" LVL Kerto-S	2	2
BM3	12' 0"	2x10 SPF No.2	2	2
GDH	12' 0"	2x12 SPF No.2	2	2

1 Truss Placement Plan
Scale: 1/4"=1'

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Weaver Development Co. Inc.	Lot 1 Cool Springs	Hickory "C"	Seal Date	Quote #	J0221-0664
CITY / CO.	Lillington / Harnett	ADDRESS	Cool Springs Road	MODEL	Roof
DATE REV.	02/05/21	DRAWN BY	David Landry	SALES REP.	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

▲ = Indicates Left End of Truss (Reference Engineered Truss Drawing) Do NOT Erect Truss Backwards



ROOF & FLOOR TRUSSES & BEAMS

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

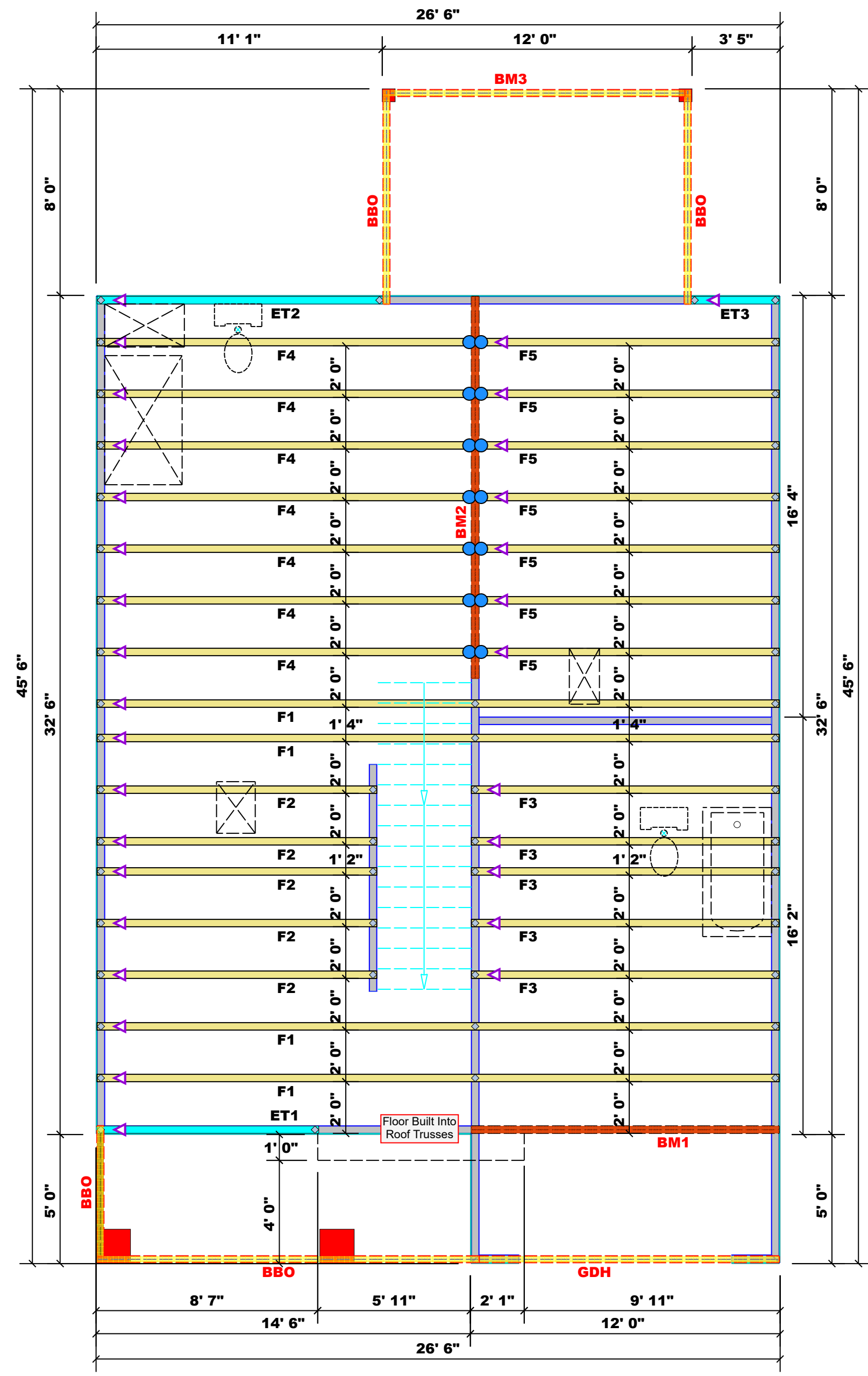
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Signature David Landry
 David Landry

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

END REACTION (UP TO)	REQ'D STUDS FOR (1) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (2) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (4) PLY 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				



Dimension Notes

- All exterior wall to wall dimensions are to face of sheathing unless noted otherwise
- All interior wall dimensions are to face of frame wall unless noted otherwise
- All exterior wall to truss dimensions are to face of frame wall unless noted otherwise

All Walls Shown Are Considered Load Bearing

Plumbing Drop Notes

- Plumbing drop locations shown are NOT exact.
- Contractor to verify ALL plumbing drop locations prior to setting Floor Trusses.
- Adjust spacing as needed not to exceed 24"oc.

Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
●	HUS410	USP	14	NA	16d/3-1/2"	16d/3-1/2"

Products					
PlotID	Length	Product	Plies	Net Qty	
BM1	12' 0"	1-3/4"x 16" LVL Kerto-S	2	2	
BM2	15' 0"	1-3/4"x 16" LVL Kerto-S	2	2	
BM3	12' 0"	2x10 SPF No.2	2	2	
GDH	12' 0"	2x12 SPF No.2	2	2	

1 Truss Placement Plan
 Scale: 1/4"=1'

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Weaver Development Co. Inc.	Lot 1 Cool Springs	Hickory "A"	Seal Date	Quote #	J0221-0665
CITY / CO.	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALES REP.
Lillington / Harnett	Cool Springs Road	Floor	02/05/21	David Landry	Lenny Norris

▲ = Indicates Left End of Truss
 (Reference Engineered Truss Drawing)
 Do NOT Erect Truss Backwards

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