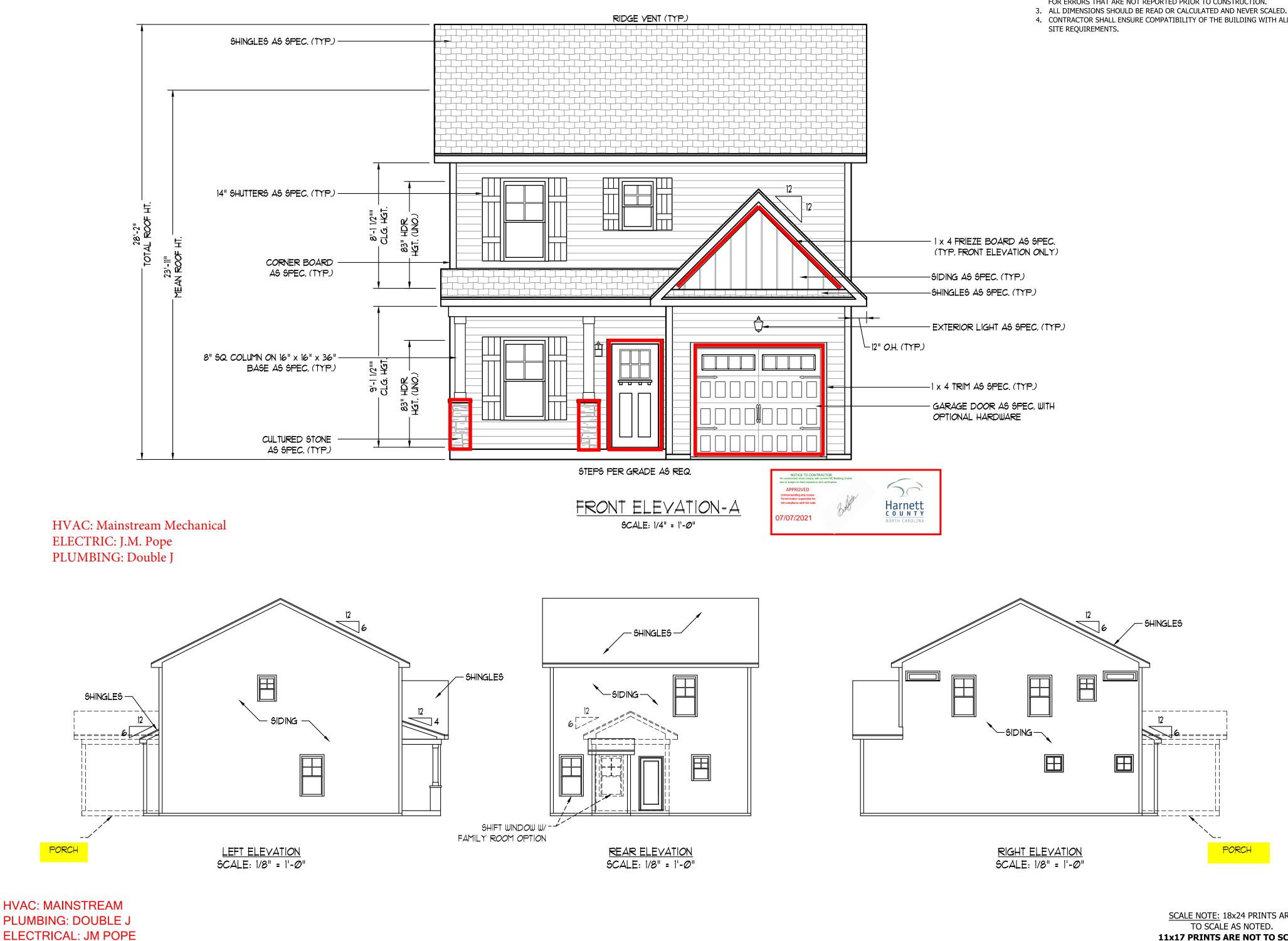
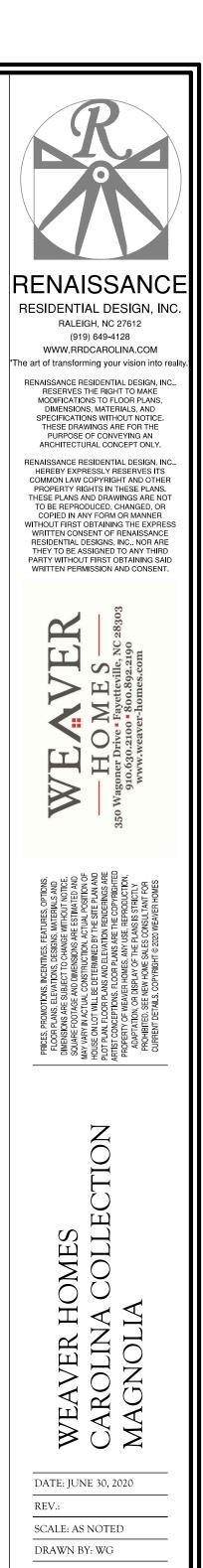
PLANS DESIGNED TO THE 2018 NORTH CAROLINA STATE **RESIDENTIAL BUILDING CODE.**



BCR LOT 4 4934 BARBECUE CHURCH RD SANFORD, NC

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.
- 4. CONTRACTOR SHALL ENSURE COMPATIBILITY OF THE BUILDING WITH ALL

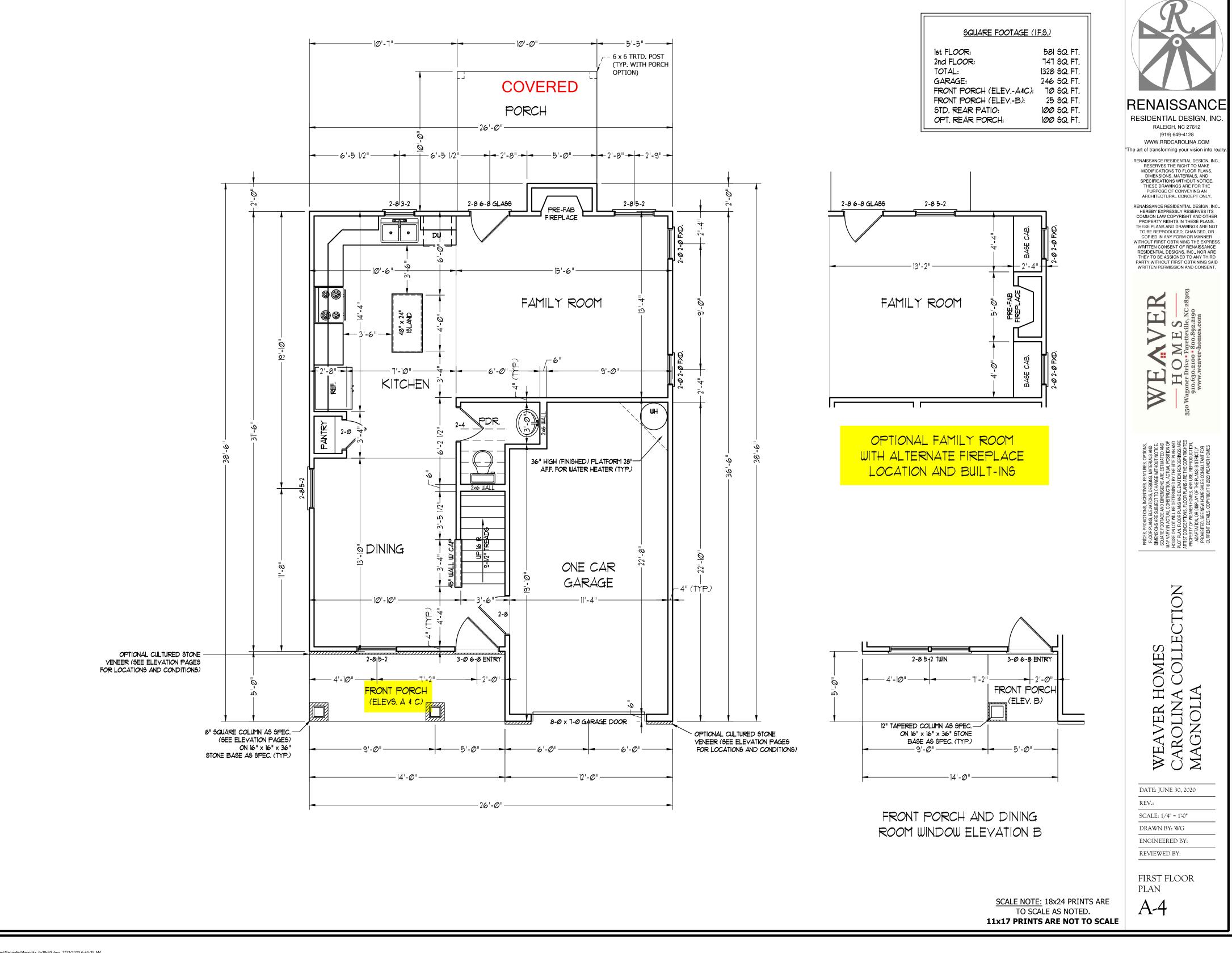


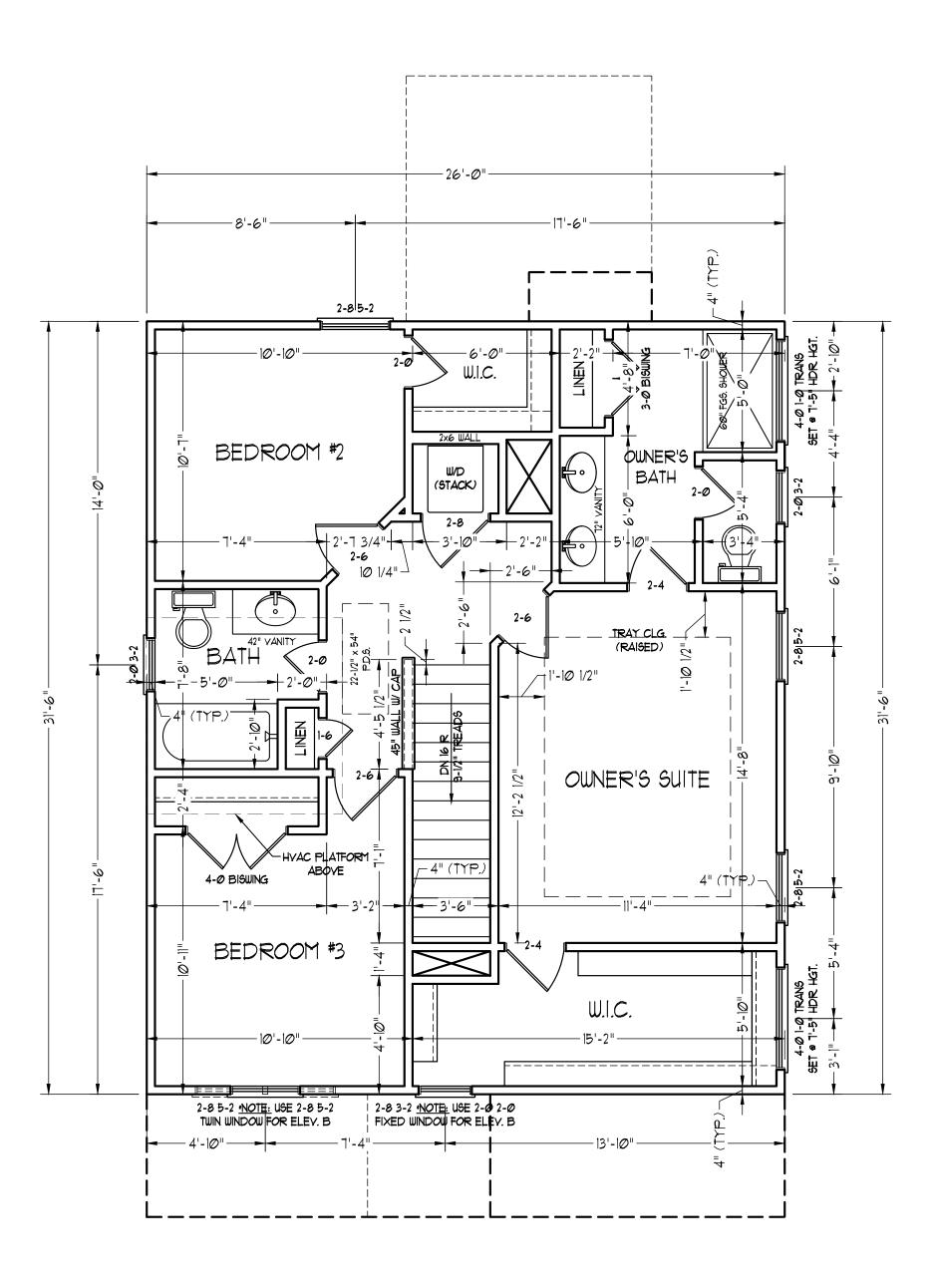
ENGINEERED BY: **REVIEWED BY:**

A - ELEVATIONS

A-1

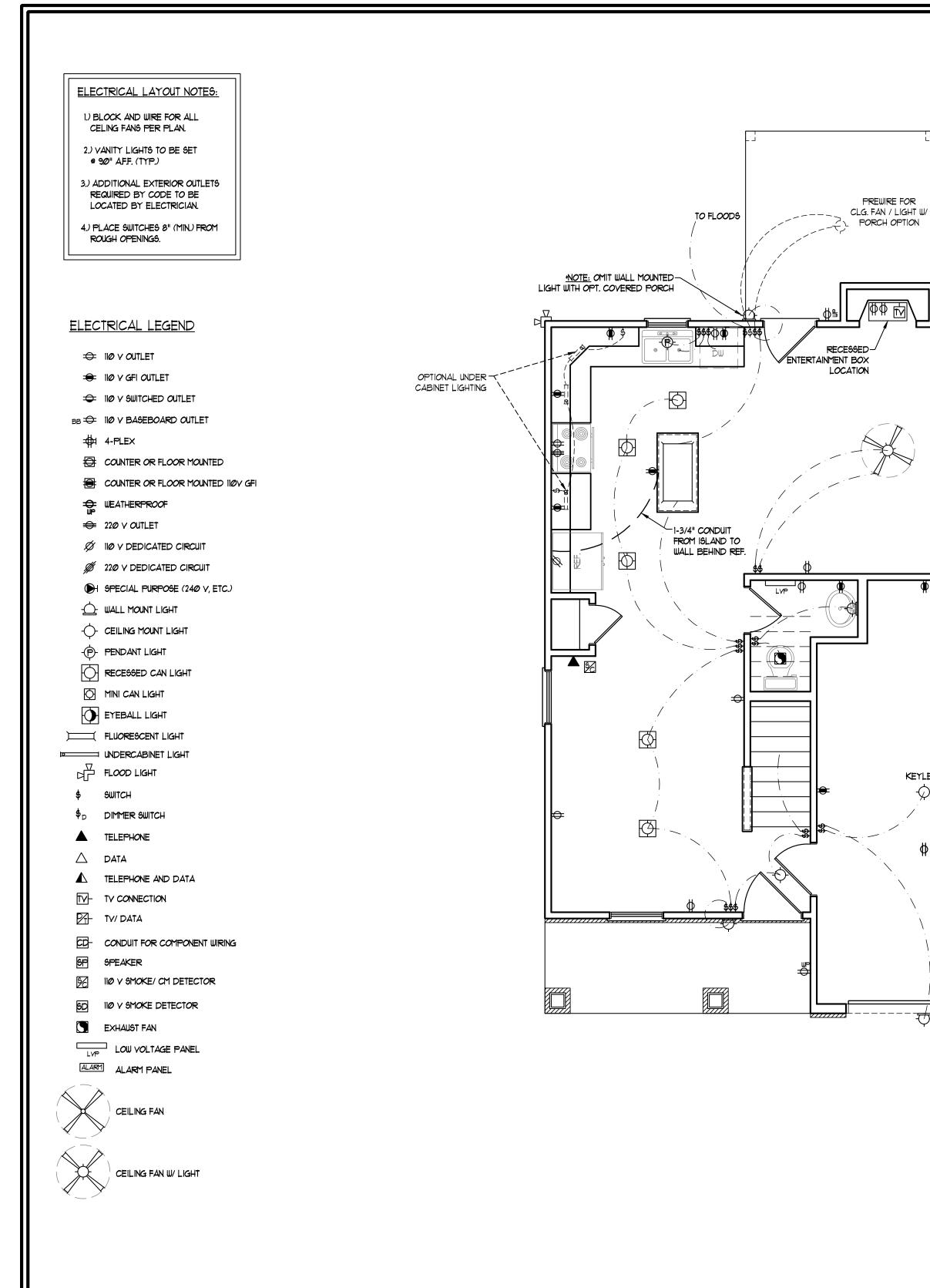
SCALE NOTE: 18x24 PRINTS ARE TO SCALE AS NOTED. **11x17 PRINTS ARE NOT TO SCALE**

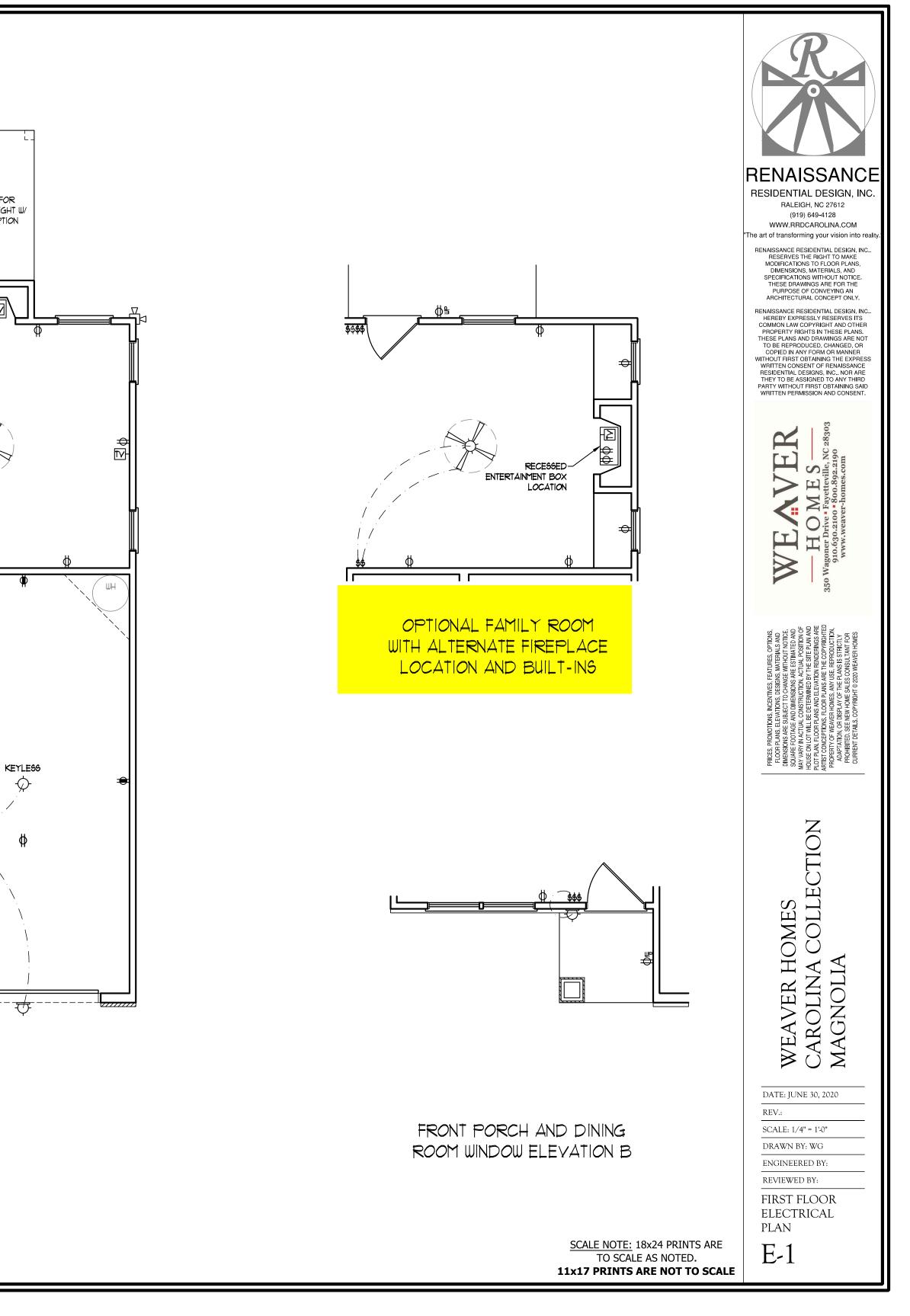






SCALE NOTE: 18x24 PRINTS ARE TO SCALE AS NOTED. 11x17 PRINTS ARE NOT TO SCALE





ELECTRICAL LAYOUT NOTES:

 BLOCK AND WIRE FOR ALL CELING FANS PER PLAN.
 VANITY LIGHTS TO BE SET

90" AFF. (TYP.)

3.) ADDITIONAL EXTERIOR OUTLETS REQUIRED BY CODE TO BE LOCATED BY ELECTRICIAN.

4.) PLACE SWITCHES 8" (MIN.) FROM ROUGH OPENINGS.

ELECTRICAL LEGEND

↔ 110 v Outlet

- 😑 110 V GFI OUTLET
- + 110 V SWITCHED OUTLET
- BB 🗢 110 V BASEBOARD OUTLET
- 4-PLEX
- COUNTER OR FLOOR MOUNTED
- COUNTER OR FLOOR MOUNTED 110V GFI
- WEATHERPROOF
- € 220 ∨ OUTLET
- Ø 110 V DEDICATED CIRCUIT
- Ø 220 V DEDICATED CIRCUIT
- ●H SPECIAL PURPOSE (240 V, ETC.)

- WALL MOUNT LIGHT

- CEILING MOUNT LIGHT
- PENDANT LIGHT
- MINI CAN LIGHT

- FLUORESCENT LIGHT
- - SWITCH
- \$_D DIMMER SWITCH
- \bigtriangleup data
- TELEPHONE AND DATA
- TV- TV CONNECTION
- CD- CONDUIT FOR COMPONENT WIRING
- SP SPEAKER
- 110 V SMOKE/ CO DETECTOR
- 5D 110 V SMOKE DETECTOR
- EXHAUST FAN

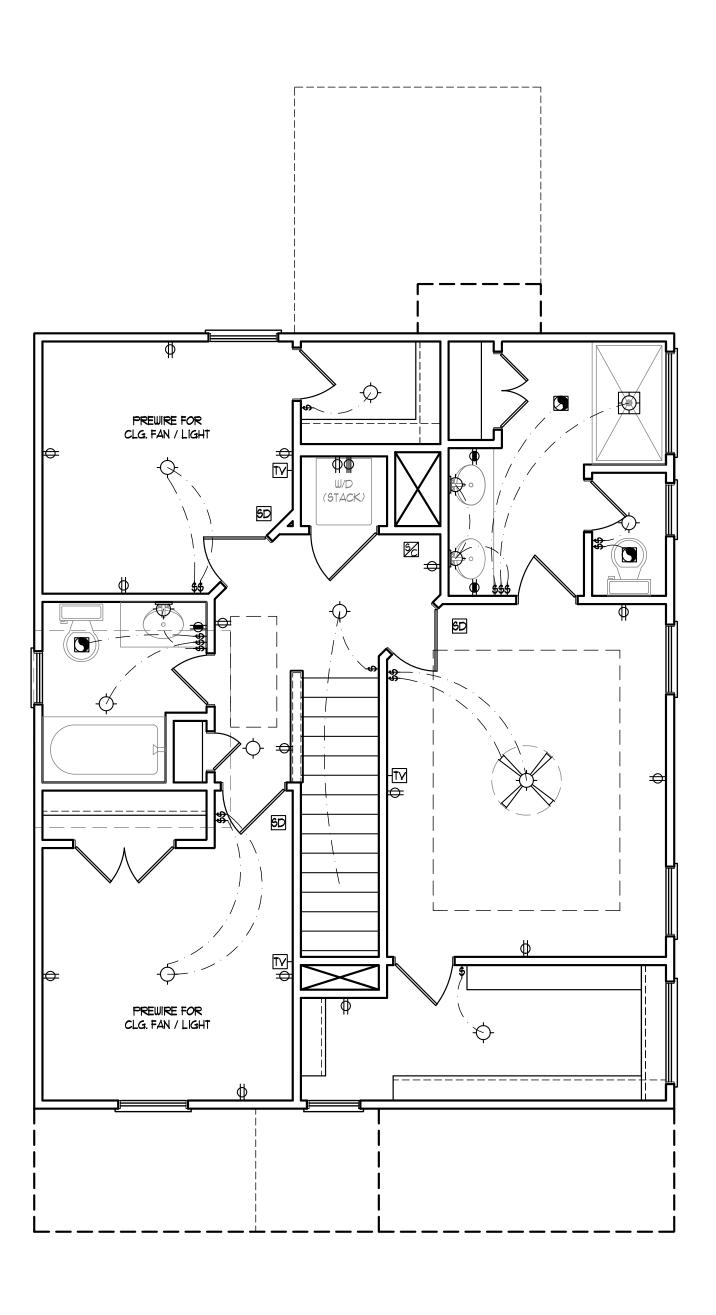
LOW VOLTAGE PANEL

ALARM ALARM PANEL

 $\triangleright_{\setminus}$

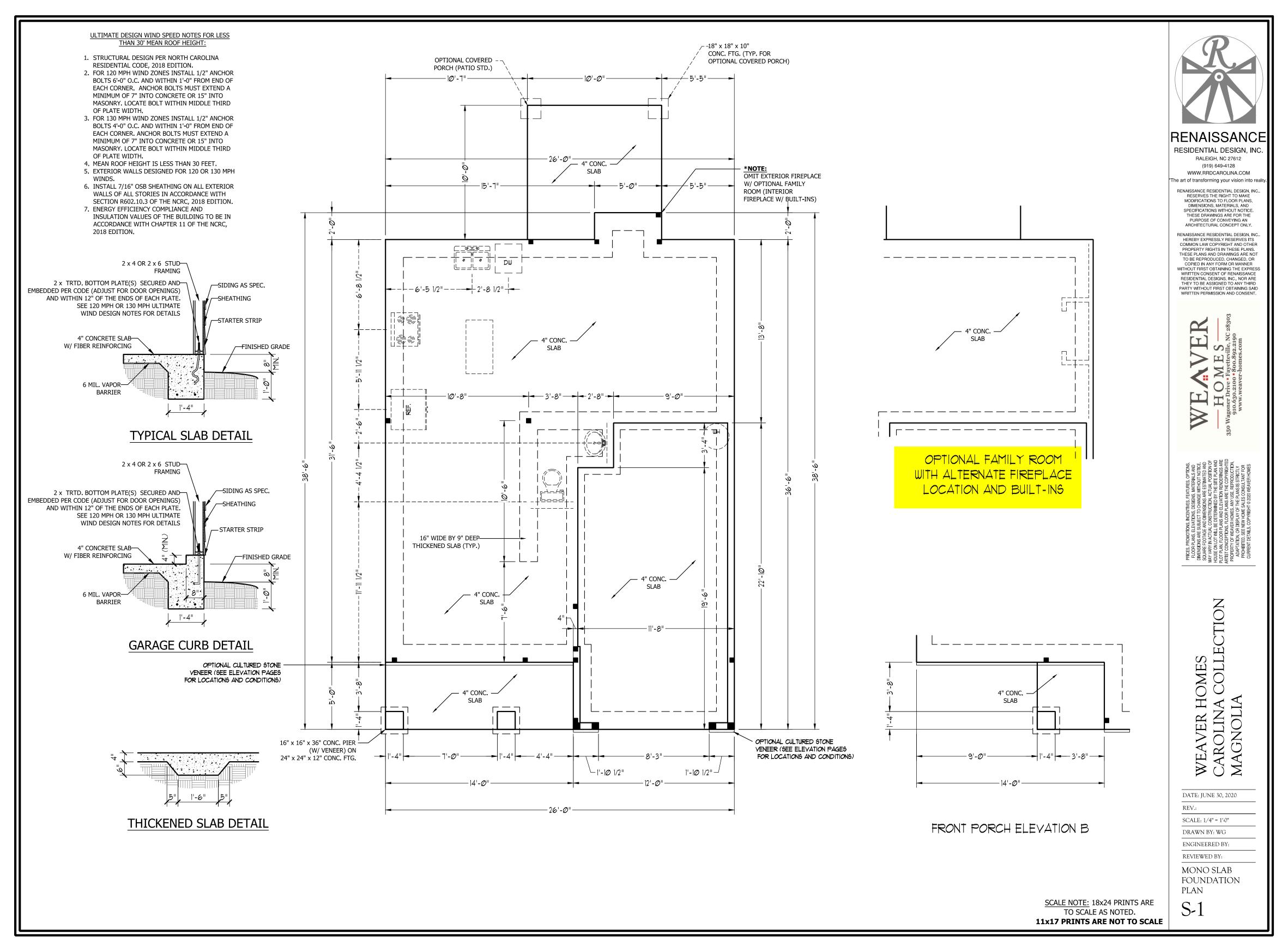
CEILING FAN

CEILING FAN W/ LIGHT





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



STRUCTURAL NOTES:

- 1. ALL FRAMING LUMBER TO BE SPF #2 (UNO). ALL TREATED LUMBER TO BE SYP #2 (UNO.)
- 2. ALL LOAD BEARING HEADERS TO BE (2) 2 x 6 (UNO).
- 3. INSTALL AN EXTRA JOIST UNDER WALLS PARALLEL TO FLOOR JOISTS 4. WINDOW AND DOOR HEADERS TO BE SUPPORTED w/ (1) JACK STUD AND (1) KING STUD EA. END (UNO.). SEE TABLE R602.7.5 FOR ADDITIONAL KING STUD
- REQUIREMENTS. 5. SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION. ALL SQUARES TO BE (2) STUDS (UNO.)
- 6. ALL 4 X 4 POSTS SHALL BE ANCHORED TO SLABS W/ SIMPSON ABU44 POST BASES (OR EQUAL) AND 6 X 6 POSTS W/ ABU66 POST BASES (OR EQUAL) (UNO). ALL 4 X 4 AND 6 X 6 POSTS TO BE INSTALLED WITH 700 LB CAPACITY UPLIFT CONNECTORS AT TOP (UNO.)
- 7. FOR FIBERGLASS, ALUMINUM, OR COLUMN ENG. BY OTHERS, SECURE TO SLAB W/ (2) METAL ANGLES USING 2" CONC. SCREWS. FASTEN ANGLES TO COLUMNS W/ 1/4" THROUGH BOLTS W/ NUTS AND WASHERS. LOCATE ANGLES ON OPPOSITE SIDES OF COLUMN. THROUGH BOLTS MUST BE INSTALLED PRIOR TO SETTING COLUMN.

BRACE WALL PANEL NOTES:

EXTERIOR WALLS: ALL EXTERIOR WALLS TO BE SHEALTHED WITH CS-WSP OR CS-SFB IN ACCORDANCE WITH SECTION R602.10.3 UNLESS NOTED OTHERWISE.

REQUIRED LENGTH OF BRACING: REQUIRED BRACE WALL LENGTH FOR EACH SIDE OF THE CIRCUMSCRIBED RECTANGLE ARE INTERPOLATED PER TABLE R602.10.3. METHODS CS-WSP AND CS-SFB CONTRIBUTE THIER ACTUAL LENGTH. METHOD GB CONTRIBUTES 0.5 ITS ACTUAL LENGTH. METHOD PF CONTRIBUTES 1.5 TIMES ITS ACTUAL LENGTH.

GYPSUM: ALL INTERIOR SIDES OF EXTERIOR WALLS AND BOTH SIDES OF INTERIOR WALLS TO HAVE 1/2" GYPSUM INSTALLED. WHEN NOT USING METHOD GB GYPSUM TO BE FASTENED PER TABLE R702.3.5. METHOD GB TO BE FASTENED PER TABLE R602.10.1.

HD: 800 LBS HOLD DOWN DEVICE FASTENED TO THE EDGE OF THE BRACE WALL PANEL NEAREST TO THE CORNER

> EXTENT OF HEADER WITH SINGLE PORTAL FRAME (ONE BRACED WALL PANEL) 21-18 FINISHED WIDTH OF OPENING FOR SINGLE OR DOUBLE PORTAL

> > MIN. 3'x11%' NET HEADER TEEL HEADER PROHIBITED ONLY WITH PF) - FASTEN SHEATHING TO HEADER WITH 8D COMMON OR GALWANIZED BOX NAILS IN 3" GRID PATTERN AS SHOWN

HEADER TO JACK-STUD STRAP ON BOTH SIDE
 OF OPENING OPPOSITE SIDE OF SHEATHING.
 STRAP CAPACITY SHALL EQUAL 1,000 LBS. OR
 4,000 LBS. WHEN PONY WALL IS PRESENT.

L FRAMING (STUDS.

MIN. DOUBLE S

MINIMUM PANEL LENGTH
 WALL HEIGHT, ft.
 8
 9
 10
 11
 12

 PANEL LENGTH. In.
 16
 18
 20
 22
 24
 MIN (2) % DIAMETER ANCHOR BOLTS INSTALLED PER R403 16 WITH 2'x2'xWir" PLATE WASHER

OVER CONCRETE OR MASONRY BLOCK FOUNDATION

WOOD STRUCTURAL PANEL SHEATHING TO TOP OF BAND OR RIM JOIST TABLE R602 3(1)

OVER RAISED WOOD FLOOR - FRAMING ANCHOR OPTION

OVER RAISED WOOD FLOOR - OVERLAP OPTION FRONT ELEVATION

nch = 25.4 mm, 1 foot = 305 mm, 1 lb = 4.45 N.

EXTENT OF HEADER WITH DOUBLE PORTAL FRAMES (TWO BRACED WALL PANELS

ON OPPOSITE SIDE

IF NEEDED, PANEL SPLICE EDGES SHAL OCCUR OVER AND BI ATTACHED TO COMM

BLOCKING WITHIN 24' OF THE WALL MID-HEIGHT, ONE ROW OF 3' O.C. NAILING IS REQUIRED-IN EACH PANEL EDGE

TYPICAL PORTAL FRAME CONSTRUCTION

-MIN. DOUBLE POST (KING AND JACK STUD) NUMBER OF JACK STUDS PER TABLES R502.5(1) & (2).

ANCHOR BOLTS PER SECTION R403.1.6

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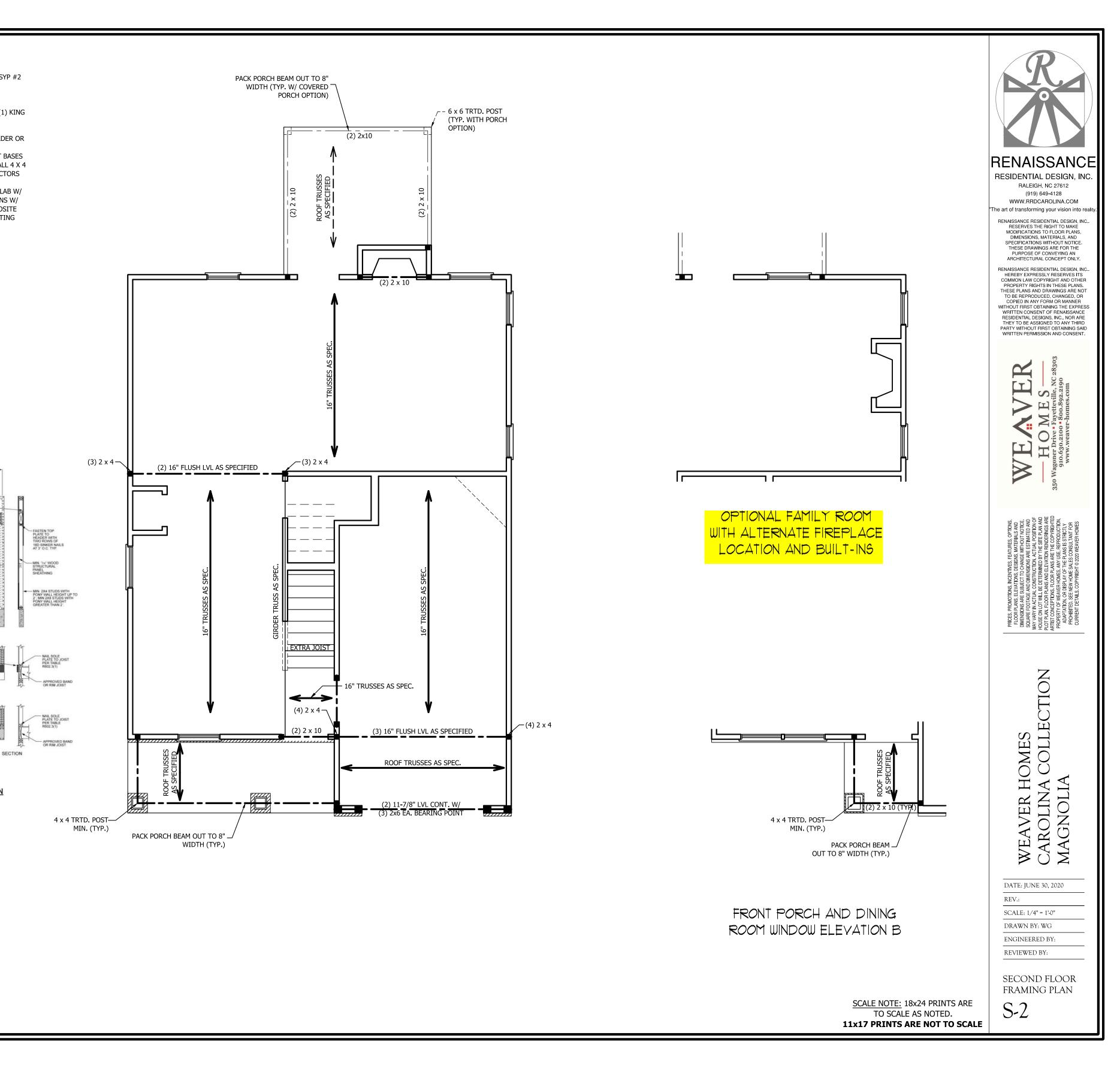
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FIGURE R602.10.1

METHOD PF-PORTAL FRAME CONSTRUCTION

METHODS: PER TABLE R602.10.1

9 121 111



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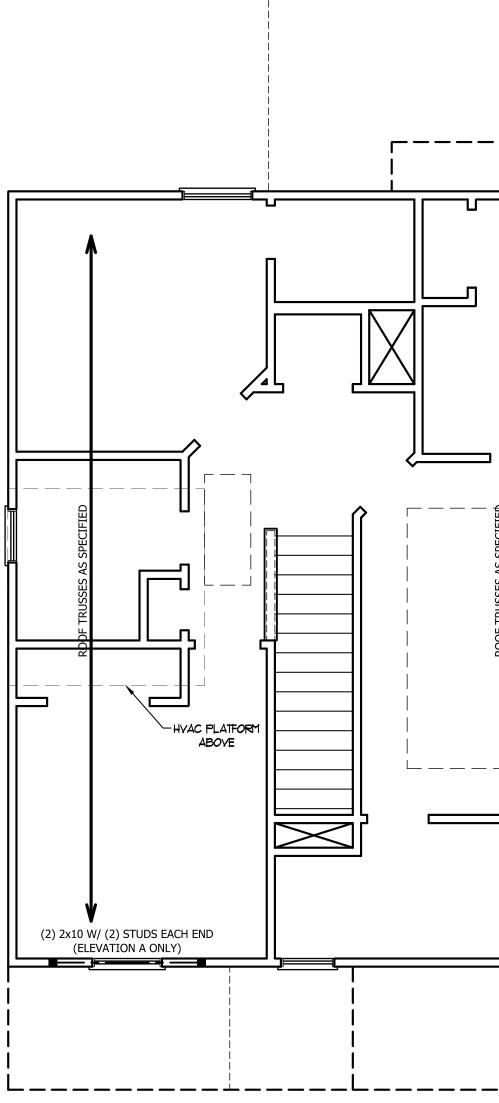


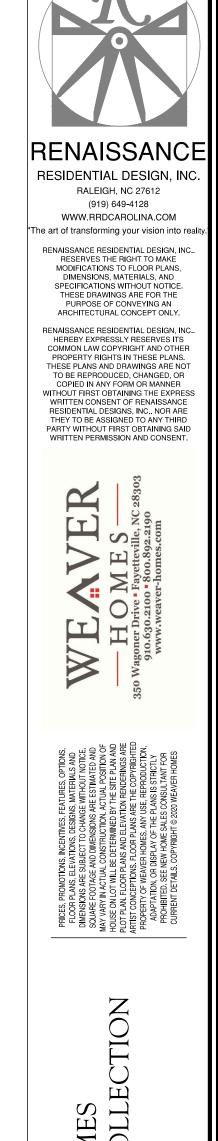
TABLE R602.7.5 MINIMUM NUMBER OF FULL HEIGHT STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS

HEADER SPAN (FEET)	MAXIMUM STUD SPACING (INCHES) (PER TABLE R602.3(5)			
(. == .)	16	24		
UP TO 3'	1	1		
4'	2	1		
8'	3	2		
12'	5	3		
16'	6	4		

STRUCTURAL NOTES:

- ALL FRAMING LUMBER TO BE SPF #2 (UNO). ALL TREATED LUMBER TO BE SYP #2 (UNO.)
- 2. ALL LOAD BEARING HEADERS TO BE (2) 2 x 6 (UNO).
- 3. WINDOW AND DOOR HEADERS TO BE SUPPORTED w/ (1) JACK STUD AND (1) KING STUD EA. END (UNO.). SEE TABLE R602.7.5 FOR ADDITIONAL KING STUD REQUIREMENTS.
- 4. SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION. ALL SQUARES TO BE (2) STUDS (UNO.)

DSP - DOUBLE STUD POCKET TSP - TRIPLE STUD POCKET



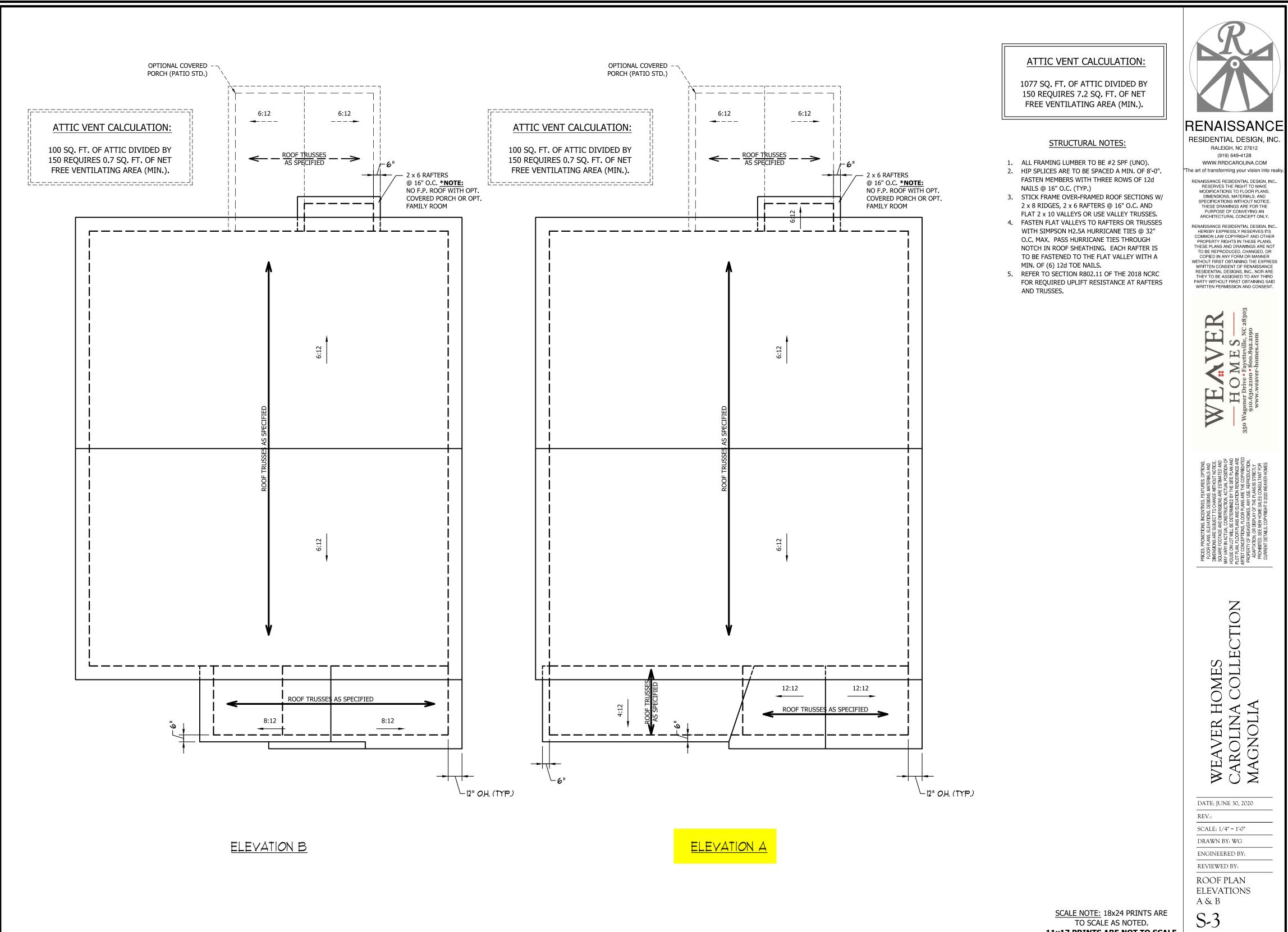


DATE: JUNE 30, 2020

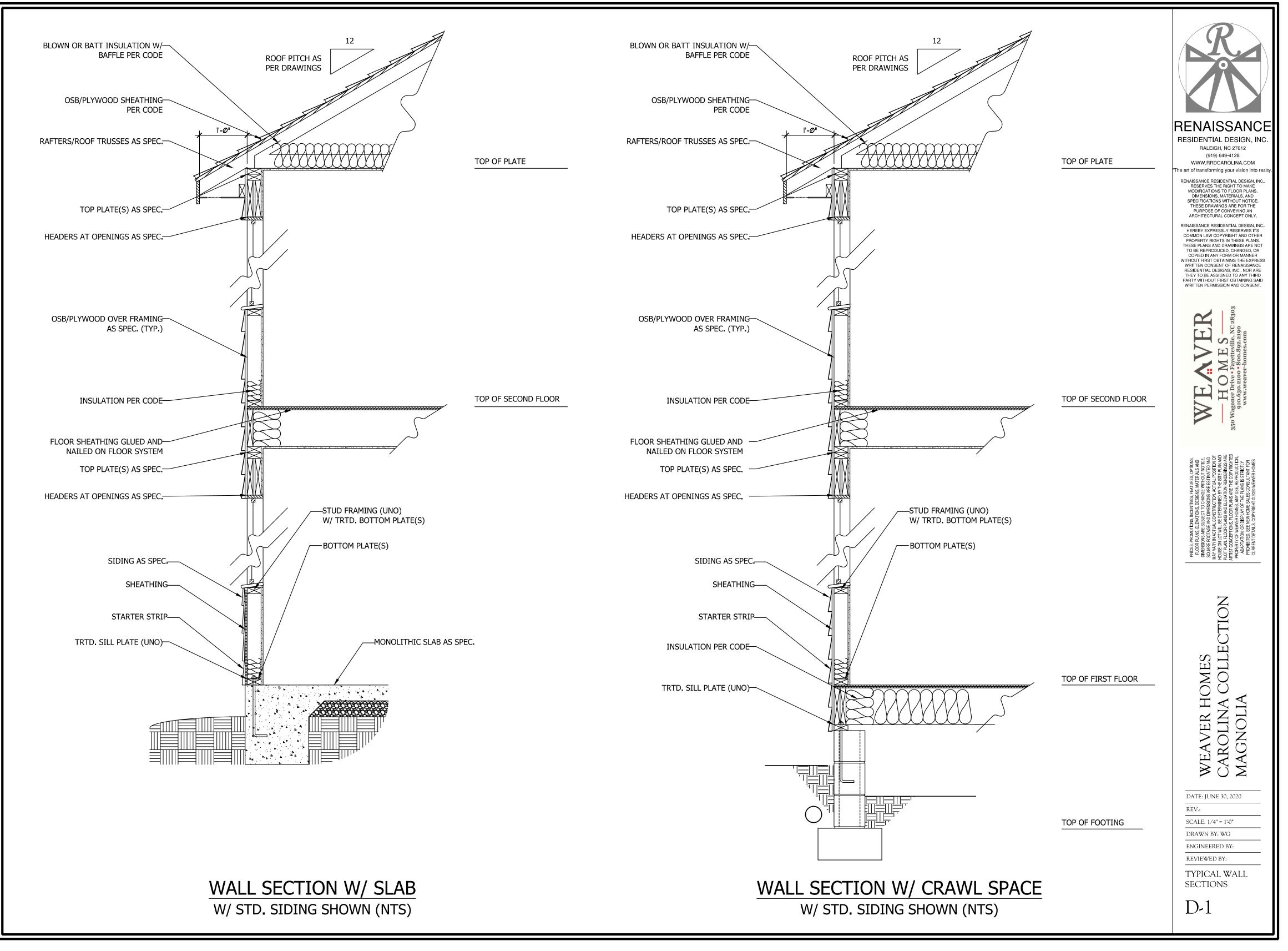
REV.:
SCALE: 1/4" = 1'-0"
DRAWN BY: WG
ENGINEERED BY:
REVIEWED BY:

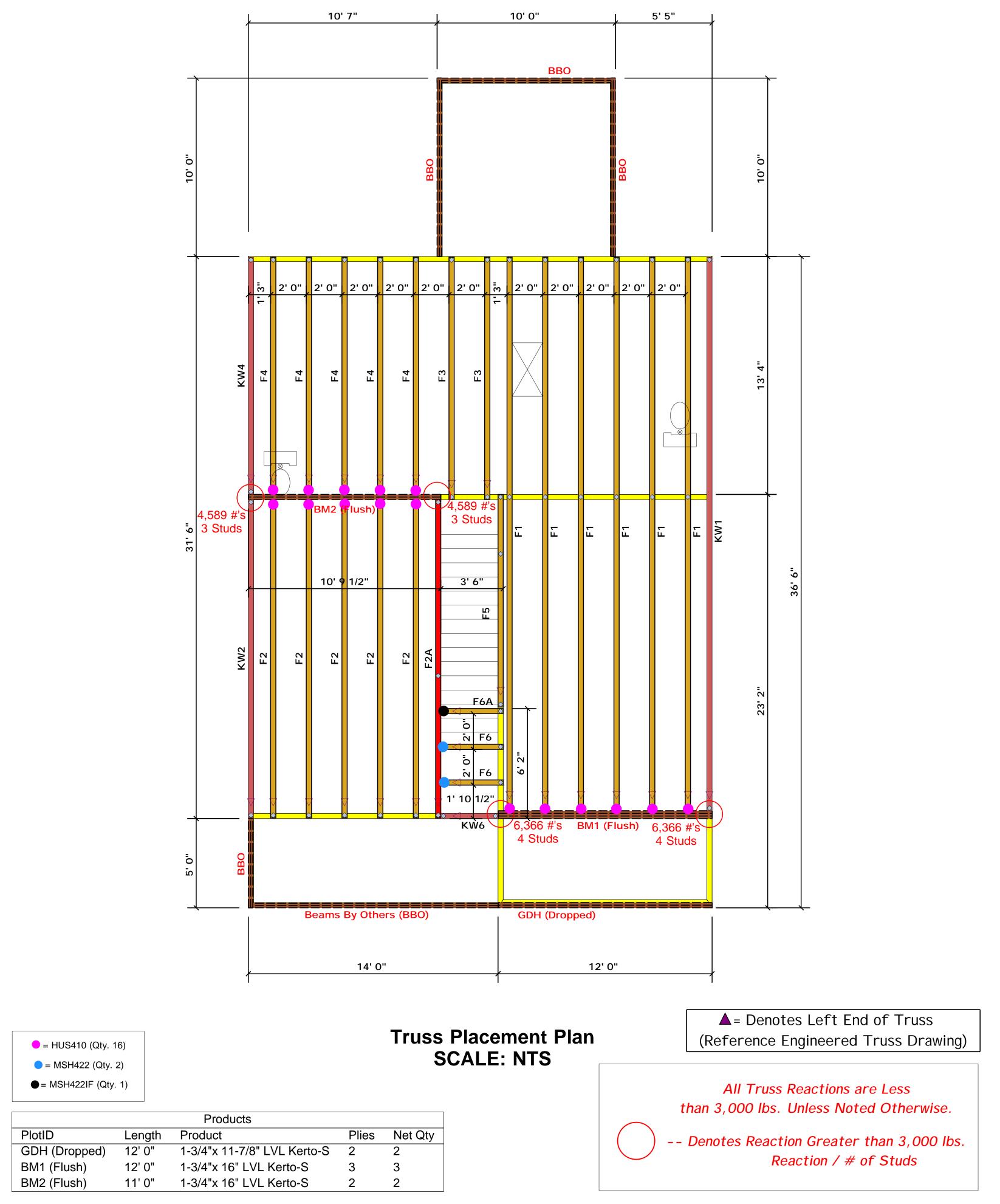
ATTIC FLOOR FRAMING PLAN

S-3

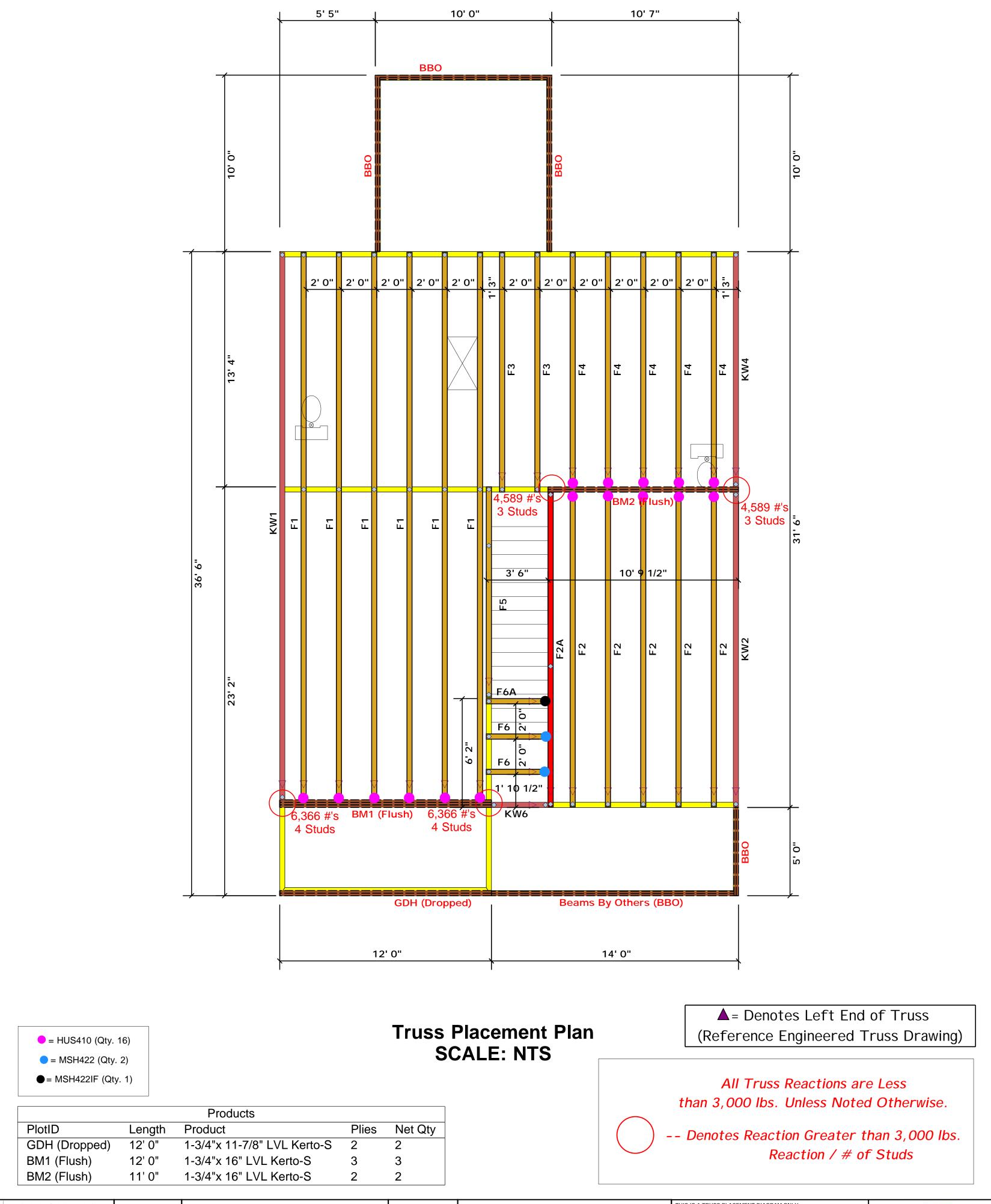


11x17 PRINTS ARE NOT TO SCALE

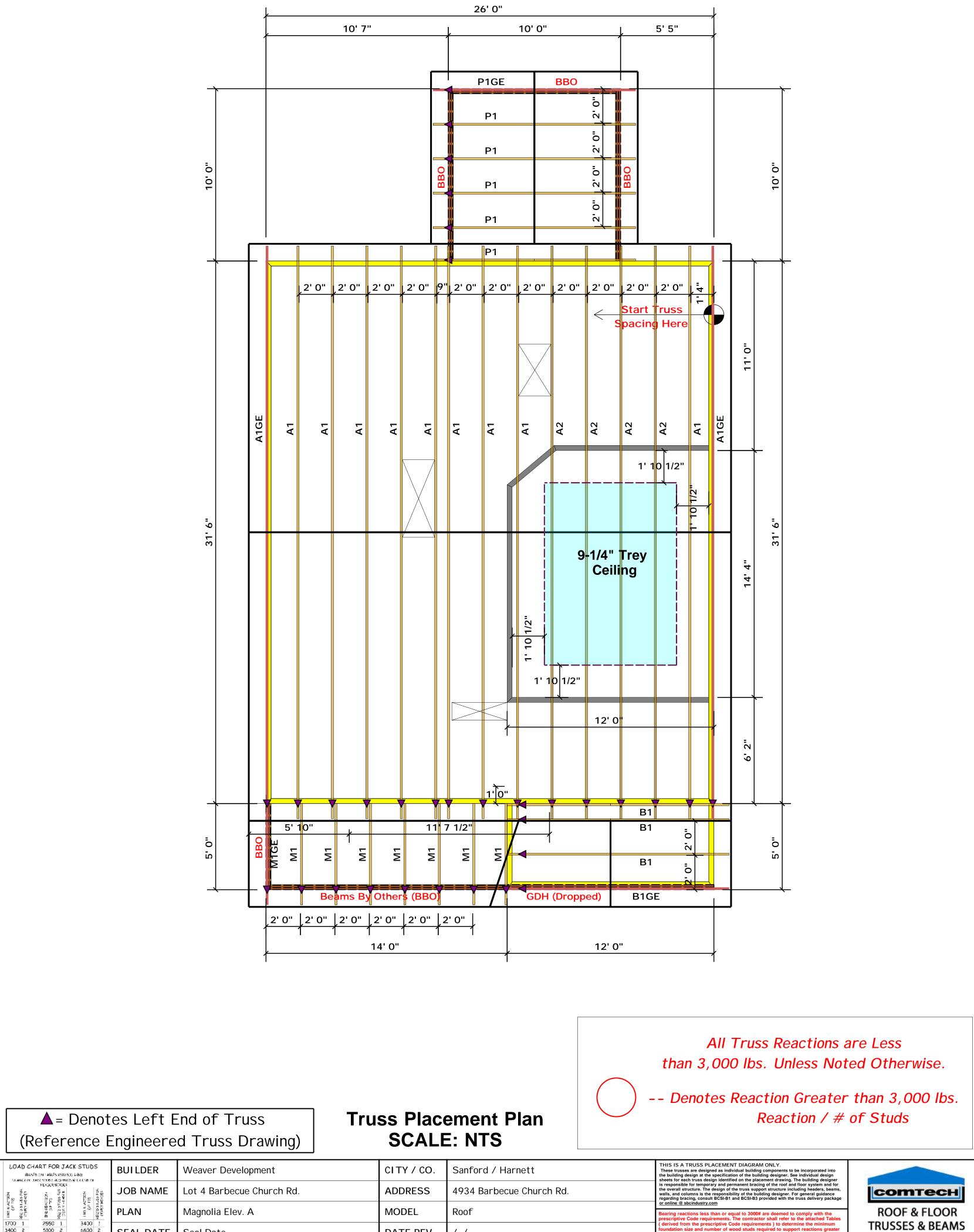




LOAD CHART FOR JA MANFH ON THEFS 85025 MUNICE OF JACK STUDY BOD ING		$(1) \neq (60)$	BUILDER	Weaver Development	CITY/CO.	Sanford / Harnett	THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual designer sheets for each truss design identified on the placement drawing. The building designer	
	FEADERVIERROER		JOB NAME	Lot 4 Barbecue Church Rd.	ADDRESS	4934 Barbecue Church Rd.	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	COMTECH ROOF & FLOOR TRUSSES & BEAMS Reilly Road Industrial Park Fayetteville, N.C. 28309 Phone: (910) 864-8787
NDL22VIR (1) (0, 10) (0, 10) (0, 10)	BND PEA 9.10 12 12 12 12 12 12 12 12 12 12 12 12 12 1	ND SIA (10) BEQUEST		Magnolia Elev. A	MODEL	Floor	or online @ sbcindustry.com 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 exceed sthose specified in the attached Tables. A registered design professional shall be retained to design the support system for any reaction that exceed 15000#. Christine Shivy	
1700 1 3400 2 5100 3	2550 1 5100 2 7650 3	10200 3		Seal Date	DATE REV.	/ /		
6800 4 8500 5 10200 6	10200 4 12750 5 15300 6	13600 4 17000 5	QUOTE #	Quote #	DRAWN BY	Christine Shivy		
11900 7 13600 8 15300 9			JOB #	J0521-2891	SALES REP.	Lenny Norris	Christine Shivy	Fax: (910) 864-4444

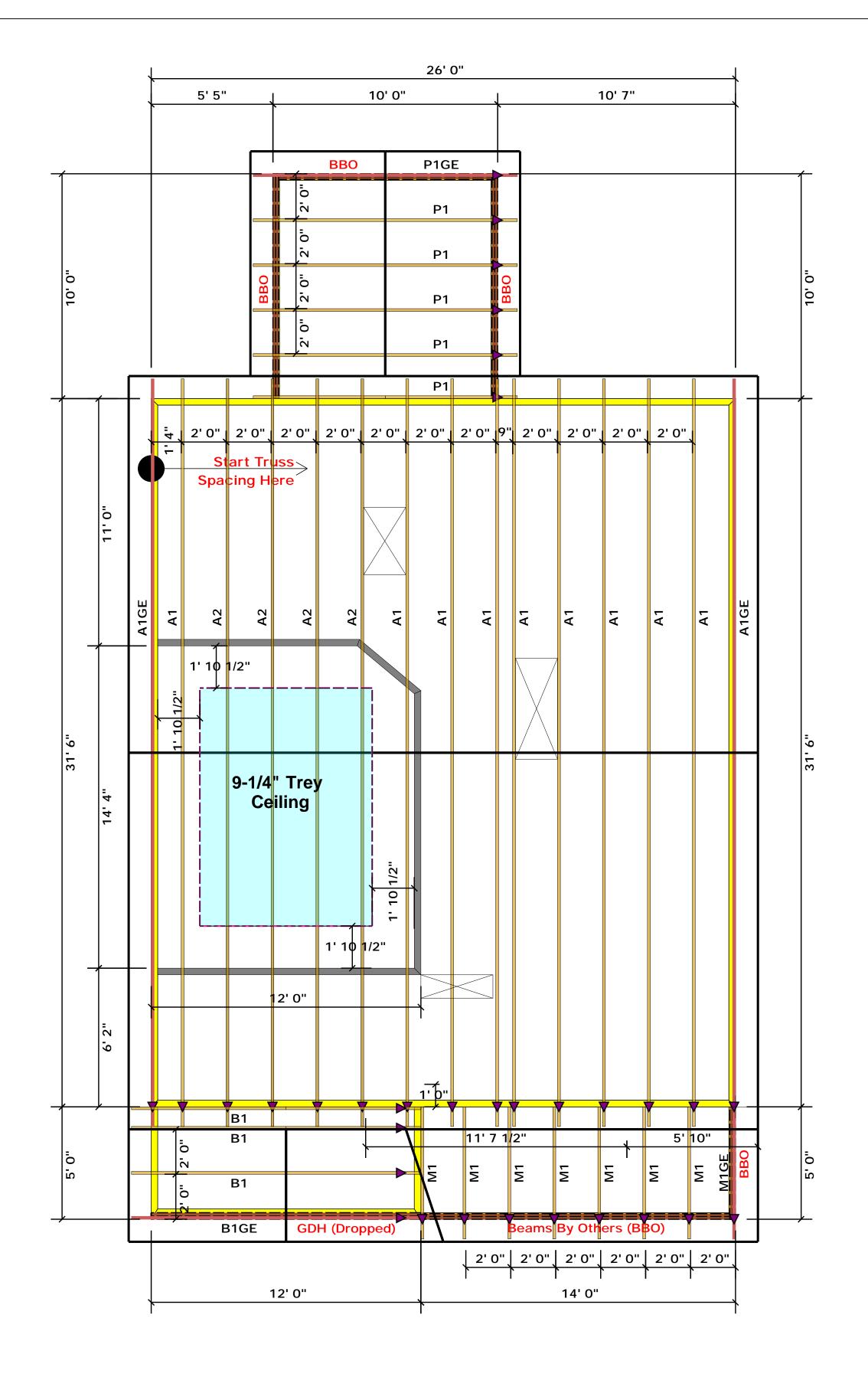


LOAD CHART FC BASES ON TABLE		02 5(1) & (b))	BUILDER	Weaver Development	CITY/CO.	Sanford / Harnett	THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer	
	HEADEWEIR BURGER	es ¢ z 200	JOB NAME	Lot 4 Barbecue Church Rd.	ADDRESS	4934 Barbecue Church Rd.	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 @ sbeindustry.com 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 studies 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 exceed sthose specified in the attached Tables. A registered design professional shall be retained to design the support system for all reactions that exceed 15000#.	COMTECH ROOF & FLOOR TRUSSES & BEAMS Reilly Road Industrial Park Fayetteville, N.C. 28309 Phone: (910) 864-8787
<u>z</u>	ಕೆಲ ಸತ್ತ	Andres (I) MA	PLAN	Magnolia Elev. A	MODEL	Floor		
1700 3400 5100	3 7650 3	3400 1 6600 2 10200 3	SEAL DATE	Seal Date	DATE REV.	/ /		
6800 8500 10200	5 12750 5 6 15300 6	13600 4 17000 5	QUOTE #	Quote #	DRAWN BY	Christine Shivy		
11900 7 13600 8 15300 9	8		JOB #	J0521-2891	SALES REP.	Lenny Norris	Christine Shivy	Fax: (910) 864-4444



NDCN 00 FOR 10 FOR	FEA Beatra 20 Seatra E	FEADEWEIRDER	a	a	a	0 0 65550 67550 67550	JOB NAME	Lot 4 Barbecue Church Rd.	ADDRESS	4934 Barbecue Church Rd.	is responsible for temporary and permanent bracing of the root 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	
END REAC			N IN RIAC	PLAN	Magnolia Elev. A	MODEL	Roof	or online @ sbcindustry.com 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				
510	0 2 51 0 3 76	550 1 5100 2 650 3	3400 1 6600 2 10200 3	SEAL DATE	Seal Date	DATE REV.	/ /	(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				
6800 4 8500 5 10200 6 11900 7 13600 8 15300 9	0 5 12	0200 4 2750 5 5300 6	13600 4 17000 5		QUOTE #	Quote #	DRAWN BY	Christine Shivy	specified in the attached Tables. A registered design professional shall be retained to design the support system for all reactions that exceed 15000#. Christine Shivy			
	8 00								JOB #	J0521-2890	SALES REP.	Signature

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



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

Truss Placement Plan SCALE: NTS

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

-- Denotes Reaction Greater than 3,000 lbs. Reaction / # of Studs

LOAD CHART FOR JACK		0.790) BC	BUILDER	Weaver Development	CITY/CO.	Sanford / Harnett	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 designer sheets for each truss design identified on the placement drawing. The building designer	
01-100 01-100 01-100 01-100 01-100 01-100 01-100	FEADERVEERDER Z	IND SUATION (01 TU) REQUERING FUR	JOB NAME	Lot 4 Barbecue Church Rd.	ADDRESS	4934 Barbecue Church Rd.	is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the russ 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 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 exceed sthose specified in the atched Tables. A registered design professional shall be retained to design the support system for all reactions that exceed 15000#.	COMTECH ROOF & FLOOR TRUSSES & BEAMS Reilly Road Industrial Park Fayetteville, N.C. 28309 Phone: (910) 864-8787
<u>z</u> %6	BND PEAUTIC CUT AU COT AU CUT AU CORA		PLAN	Magnolia Elev. A	MODEL	Roof		
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6800 4 8500 5 10200 6	10200 4 12750 5 15300 6	13600 4 17000 5	QUOTE #	Quote #	DRAWN BY	Christine Shivy		
11900 7 13600 8 15300 ₉			JOB #	J0521-2890	SALES REP.	Lenny Norris	Christine Shivy	Fax: (910) 864-4444