	LIVE LOAD	DEAD LOAD
TABLE R301.4	(PSF)	(PSF)
DWELLING UNITS	40	10
SLEEPING ROOMS	30	10
ATTICS WITH STORAGE	20	10
ATTICS WITHOUT STORAGE	10	10
ROOF SNOW	20	10
STAIRS	40	10
DECKS	40	10
EXTERIOR BALCONIES	60	10
PASSENGER VEHICLE GARAGES	50	
FIRE ESCAPES	40	10
GUARDRAILS AND HANDRAILS	200	

### MATERIALS

1. FRAMING LUMBER SHALL BE #2 SPRUCE PINE FIR (SPF) WITH THE FOLLOWING DESIGN PROPERTIES: Fb = 875 PSI  $\,$  Fv = 70 PSI  $\,$  E = 1.4E6 PSI

2. FRAMING LUMBER EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND, CONCRETE OR MASONRY SHALL BE #2 SOLUTION FRAME (SYP) TREATED IN ACCORDANCE WITH AWPA C22 WITH THE FOLLOWING DESIGN PROPERTIES: FD = 1000 PSI FV = 59 FSI E = 1 C66 FSI

3. ENGINEERED WOOD BEAMS SHALL BE LAMINATED VENEER LUMBER (LVL) OR PARALLEL STRAND LUMBER (PSL) WITH THE FOLLOWING MINIMUM DESIGN PROPERTIES: Fb = 2900 PSI Fv = 285 PSI E = 1.9E6 PSI

4. STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36 MINIMUM GRADE.

5. BOLTS SHALL CONFORM TO A307 MINIMUM GRADE.

6. REBAR SHALL BE DEFORMED STEEL CONFORMING TO ASTM A615 GRADE 60.

7. POURED CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. MATERIALS USED TO PRODUCE CONCRETE SHALL COMPLY WITH THE APPLICABLE STANDARDS LISTED IN ACI 318 OR ASTM C 1157.

8. CONCRETE LOCATED PER TABLE R402.2 SHALL BE AIR ENTRAINED WITH THE TOTAL AIR CONTENT NOT LESS THAN 5 PERCENT OR MORE THAN 7 PERCNET.

9. MASONRY UNITS SHALL CONFORM TO ACI 530/ASCE 5/TMS 402 AND MORTAR SHALL COMPLY WITH ASTM C 270.

10. ALLOWABLE SOIL BEARING PRESSURE 2000 PSF.

### GENERAL

ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY AND DOES NOT CERTIFY ARCHITECTURAL LAYOUT OR DIMENSIONAL ACCURACY. ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION METHODS OR ANY DEVIATION FROM THE PLANS.

ALL CONSTRUCTION, WORKMANSHIP, MATERIAL QUALITY AND SELECTION SHALL BE IN ACCORDANCE WITH THE <u>NORTH</u> <u>CAROLINA STATE BUILDING CODE - RESIDENTIAL CODE 2018 EDITION FROM THE INTERNATIONAL RESIDENTIAL CODE 2018</u> (IRC), AND LOCAL CODES AND REGULATIONS. DIMENSIONS SHALL GOVERN OVER SCALE AND CODE SHALL GOVERN OVER DIMENSIONS.

### ADDITIONAL LOADS

FIGURE R301.2(4) - ULTIMATE DESIGN WIND SPEEDS 115-120 MPH

FIGURE R301.2(2) - SEISMIC DESIGN CATEGORY B

TABLE R301.2(4) - DESIGN POSITIVE AND NEGATIVE PRESSURE FOR DOORS AND WINDOW FOR A MEAN ROOF HEIGHT OF 35 FEET OR LESS SHALL BE 25 PSF

TABLE R301.2(2) - COMPONENT AND CLADDING LOADS FOR A MEAN ROOF HEIGHT OF 30 FEET OR LESS LOCATED IN EXPOSURE B

EXPOSIVE B ROOF VALUES BOTH POSITIVE AND NEGATIVE SHALL BE DESIGNED BASED ON ROOF PITCHES AS FOLLOWS: 45.4 PSF FOR 0:12 TO 225:12, 34.8 PSF FOR 225:12 TO 7:12 AND 21 PSF FOR 7:12 TO 12:12 WALL CLADDING IS DESIGNED FOR A 24.1 PSF POSITIVE AND NEGATIVE PRESSURE

### ENERGY COMPLIANCE:

TABLE N1102.1 - REFER TO TABLE N1101.1 TO DETERMINE THE CLIMATE ZONE BY COUNTY AND REFER TO TABLE N1102.1 FOR R VALUE INSULATION REQUIREMENTS LISTED BY ZONE.

 $\frac{\texttt{TABLE N1102.1} - \texttt{ZONE 7}}{\texttt{FLOORS } \texttt{R-13}}, \texttt{BASEMENT WALLS } \texttt{R-13}, \texttt{FLOORS } \texttt{R-19}, \texttt{BASEMENT WALLS } \texttt{R-7}, \texttt{SLAB PERIMETER } \texttt{R-0}, \texttt{CRAWL SPACE WALLS } \texttt{R-7}.$ 

TABLE N1102.1 - ZONE § - MAX. GLAZING U FACTOR: 0.40. MIN. INSULATION R VALUES: CEILING R-30, WALLS R-13, FLOORS R-19, BASEMENT WALLS R-8, SLAB PERIMETER R-5 (2 FT DEEP), CRAWL SPACE WALLS R-10.

### CONSTRUCTION

1. STEEL FLITCH BEAMS SHALL BE FASTENED TOGETHER WITH 1/2" DIAMETER BOLTS WITH WASHERS PLACED UNDER THE THREADED END OF THE BOLT. BOLTS SHALL BE SPACED AT MAXIMUM 24" o.c. STAGGERED TOP AND BOTTOM OF BEAM WITH A MINIMUM 2" EDGE DISTANCE. TWO BOLTS SHALL BE LOCATED AT 6" FROM EACH END OF FLITCH BEAM.

2. STEEL BEAMS SHALL BE SUPPORTED AT EACH END WITH A MINIMUM BEARING LENGTH OF 3 1/2" AND FULL FLANGE WIDTH BEAMS MUST BE ANCHORED AT EACH END WITH A MINIMUM OF FOUR 16d NAILS OR TWO 1/2" x 4" LAG SCREWS.

3. ENGINEERED WOOD BEAMS SHALL BE INSTALLED WITH ALL CONNECTIONS PER MANUFACTURER'S INSTRUCTIONS.

4. ALL BEAMS SHALL BE CONTINUOUSLY SUPPORTED LATERALLY AND SHALL BEAR FULL WIDTH ON THE SUPPORTING WALLS OR COLUMNS INDICATED WITH A MINIMUM OF THREE STUDS.

5. SOLID BLOCKING SHALL BE PROVIDED AT ALL POINT LOADS TO TRANSFER LOADS THROUGH FLOOR LEVELS. COLUMNS SHALL BE CONTINUOUS TO THE FOUNDATION OR TO OTHER STRUCTURAL ELEMENTS.

6. ENGINEERED WOOD FLOOR SYSTEMS AND ROOF TRUSS SYSTEMS SHALL BE PROVIDED FOR REVIEW AND COORDINATED WITH THE ENGINEER OF RECORD. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

7. WALL BRACING REQUIREMENTS SHALL BE IN ACCORDANCE WITH SECTION R602.10 OF THE NORTH CAROLINA RESIDENTIA CODE.

8. BRICK LINTELS SHALL BE 3 1/2 x 3 1/2 x 1/4 STEEL ANGLE FOR UP TO 60° MAXIMUM SPAN AND 6 x 4 x 5/16 FOR SPANS GREATER THAN 60°.

9. BRICK LINTELS AT SLOPED AREAS SHALL BE 4 x 3 1/2 x 1/4 STEEL ANGLE WITH 16d NAILS IN 31/6" HOLES IN 4" ANGLE LEG AT 12" o.c. TO DOUBLE RAFTER. WHEN THE SLOPE EXCEEDS 4:12 A MINIMUM OF 3 x 3 x 1/4 PLATES SHALL BE WELDED AT 24" o.c. ALONG THE STEEL ANGLE.

ĺ	ABBREVIATIONS	
	CONC	CONCRETE
	CONT	CONTINUOUS
	DBL	DOUBLE
	DJ	DOUBLE JOIST
	DSP	DOUBLE STUD POCKET
	EA	EACH
	FL PT	FLAT PLATE
	FTG	FOOTING
	HGR	HANGER
	LVL	LAMINATED VENEER LUMBER
	NTS	NOT TO SCALE
	OC	ON CENTER
	PSL	PARALLEL STRAND LUMBER
	PT	PRESSURE TREATED
	SC	STUD COLUMN
	SP	STUD POCKET
	TJ	TRIPLE JOIST
	TYP	TYPICAL

UNLESS NOTED OTHERWISE

# Lot 17 Cotton Farms

# MEAN ROOF HEIGHT 1 STORY = 11'-0" CLADDING POSITIVE & NEGATIVE PRESSURE = 21

1 1/2 STORY = 19'-0" CLADDING POSITIVE & NEGATIVE PRESSURE = 34.8 PSF

2 STORY = 19'-0" CLADDING POSITIVE & NEGATIVE PRESSURE = 34.8 PSF

ANCHOR BOLTS INSTALL ANCHOR BOLTS, NUTS, AND WASHERS PER CODE AT ALL EXTERIOR WALL TREATED PLATES AND AT INTERIOR BEARING

TREATED PLATES ON SLAB FOUNDATIONS. TO BE A MINIMUM OF 6' O.C. AND WITHIN 12" FROM THE ENDS OF EACH PLATE.

DESIGN PRESSURES MINIMUM RATING: 25 PSF

MI WINDOWS 3500 SERIES LOW E-GLASS WINDOWS

SQUARE FOOTAGE					
	HEATED S.F. UNHEATED S.F.				
FIRST FLOOR	1571				
SECOND FLOOR	1008				
HVAC /STORAGE		177			
SCREEN PORCH		144			
FRONT PORCH		129			
GARAGE		764			
TOTAL	2579	1214			
	OPTIONS				
	HEATED S.F.	UNHEATED S.F.			
OPT. PATIO		118			

	REVISION LOG					
Rev	Description	Drawn By	Date	Sheets Affected	Brochure Required	Engineering Required
1						
2						
3						
4						
5						
6						
8						
9						
10						
11						
12						
13						

# TABLE N1102 1 CLIMATE ZONES 3-5

CLIMATE ZONES	FENESTRATION U-FACTOR b	SKYLIGHT <sup>b</sup> U-FACTOR	GLAZED FENESTRATION SHGC b,e	CEILING <sup>k</sup> R-VALUE	WOOD FRAMED WALL R-VALUE	MASS WALL R-VALUE <sup>†</sup>	FLOOR R-VALUE	BASEMENT <sup>C</sup> WALL R-VALUE	SLAB <sup>d</sup> R-VALUE AND DEPTH	CRAWL SPACE C WALL R-VALUE
	0.25	0.55	0.20	20	40	5/40	40	5(40 f	0	5/40
•		0100						0110	•	0, 10
4	0.35	0.55	0.30	38 OR 30 CONT j	15 OR 13+2.5 <sup>h</sup>	5/13	19	10/15	10	10/15
-	0.05	0.55	10	38 OR -	19 OR 13+5	13/17 OR	00.0	40145		10110
-	0.00	0.00	Nix	30 CONT 3	OR 15+3e,11	13/12.50	00 -	10/10	10	10110

a. R-VALUES ARE MINIMUMNS, U-FACTORS AND SHGC ARE MAXIMUMS.

b. THE FENESTRATION U-FACTOR COLUMN EXCLUDED SKYLIGHTS. THE SHGC COLUMN APPLIES TO ALL GLAZED FENESTRATION.

c. 10/13' MEANS R-10 CONT. INSULATED SHEATHING ON THE INTERIOR OR EXTERIOR OF THE HOME OR R-13 CAVITY INSULATION AT THE INTERIOR OF THE BASEMENT WALL OR CRAWL SPACE WALL

d. GOR UNCLUMESTARS, INSULATION SHALL BE APPLIED FROM THE INSPECTION GAP DOWNWARD TO THE BOTTOM OF THE FOOTING OR A MAXIMUM OF 18 INCHES BELOW GRADE, WHICHEVER IS LESS, FOR FLOATING SLABS, INSULATION SHALL EXTEND TO THE BOTTOM OF THE FOUNDATION WALL OR 24 INCHES, WHICHEVER IS LESS. R-S SHALL BE ADDED TO THE DOWN AND ADDED TO THE DOT THE DOTTING SLABS, INSULATION SHALL EXTEND TO THE BOTTOM OF THE FOUNDATION WALL OR 24 INCHES, WHICHEVER IS LESS. R-S SHALL BE ADDED TO THE DOWN AND ADDED TO THE DOTTING SLABS, INSULATION SHALL EXTEND TO THE BOTTOM OF THE FOUNDATION WALL OR 24 INCHES, WHICHEVER IS LESS. R-S SHALL BE ADDED TO THE DOWN AND ADDED TO THE DOTTING SLABS, INSULATION SHALL EXTEND TO THE BOTTOM OF THE FOUNDATION WALL OR 24 INCHES, WHICHEVER IS LESS. R-S SHALL BE ADDED TO THE DOWN AND ADDED TO THE DOTTING SLABS, INSULATION SHALL EXTEND TO THE BOTTOM OF THE FOUNDATION WALL OR 24 INCHES, WHICHEVER IS LESS. R-S SHALL BE ADDED TO THE DOWN AND ADDED TO THE DOTTING SLABS, INSULATION SHALL EXTEND TO THE BOTTOM OF THE FOUNDATION WALL OR 24 INCHES, WHICHEVER IS LESS. R-S SHALL BE ADDED TO THE DOWN AND ADDED TO THE DOWN AND ADDED TO THE DOTTOM OF THE FOUNDATION WALL OR 24 INCHES, WHICHEVER IS LESS. R-S SHALL BE ADDED TO THE DOWN AND ADDED TO THE DOWN AND ADDED TO THE DOTTOM OF THE FOUNDATION WALL OR 24 INCHES, WHICHEVER IS LESS. R-S SHALL BE ADDED TO THE DOWN AND ADDED TO THE DOWN AD

REQUIRED SLAB EDGE R-VALUE FOR HEATED SLABS. e. R-19 FIBERGLASS BATTS COMPRESSED AND INSTALLED IN A NOMINAL 2x6 CAVITY IS DEEMED TO COMPLY. FIBERGLASS BATTS RATED R-19 OR HIGHER COMPRESSED AND INSTALLED IN A 2x4 WALL IS NOT DEEMED TO COMPLY

BASEMENT VALUES UND IS NOT REQUIRED IN WARM-HUNID LOCATIONS AS DEFINED BY FIGURE N1101.2 (1 AND 2) AND TABLE N1101.2
 G. OR INSULATION SUFFICIENT TO FILL THE FRAMING CAVITY, R-19 MINIMUM.

147 MODUNING OF THE CANTY INSULATION FLUS R-5 INSULATED SHEATHING. 15+3 MEANS R-15 CANTY INSULATION FLUS R-3 INSULATED SHEATHING, IF STRUCTURAL SHEATHING SOVERS 25 PERCENT OR LESS OF THE EXTERIOR, INSULATION SHEATHING IS NOT REQUIRED WHERE STRUCTURAL SHEATHING IS USED. IF THE STRUCTURAL SHEATHING COVERS MORE THAN 25 PERCENT OF THE EXTERIOR, STRUCTURAL SHEATHING SHALL BE SUPPLEMENTED WITH INSULATED SHEATHING OF AT LEAST R-2, 13+2.5 MEANS R-13 CAVITY INSULATION PLUS R-2.5 SHEATHING. FOR MASS WALLS, THE SECOND R-VALUE APPLIES WHEN MORE THAN HALF THE INSULATION IS ON THE INTERIOR OF THE MASS WALL.

R-30 SHALL BE DEEMED TO SATISFY THE CEILING INSULATION REQUIREMENT WHEREVER THE FULL HEIGHT OF THE LINCOMPRESSED R-30 INSULATION EXTENDS OVER THE WALL TOP

PLATE AT THE EAVES. OTHERWISE R-38 INSULATION IS REQUIRED WHERE ADEQUATE CLEARANCE EXISTS OR INSULATION MUST EXTEND TO EITHER THE INSULATION BAFFLE OR WITHIN 1" OF THE ATTIC ROOF DECK.

k. TABLE VALUE REQUIRED EXCEPT FOR ROOF EDGE WHERE THE SPACE IS LIMITED BY THE PITCH OR THE ROOF. THERE THE INSULATION MUST FILL THE SPACE UP TO THE AIR BAFFLE.



ATTIC VENT SCHE							
MAIN HOUSE SQ FTG 2608					AT	/ NEA	
VENT TYPE	SQ. FT. REQUIRED SUBSUITE OF TOTAL		PERCENT OF TOTAL	POT LARGE (SQ. FT. EACH)	POT S		
	RAN		SUPPLIED	SUPPLIED	0.4236	0.2	
•							
RIDGE VENT	3.48	4.35	5.25	55.26	0	C	
SOFFIT VENTS	5.22	4.35	4.25	44.74			
OTAL (MIN)	8.69	8.69	9.50	100.00	POT VENTS MAY BE REQUIRE		
CHEDULE HAS BEEN CALCULATED ASSUMING EAVE VENTILATION AT 50-60% OF TOTA							

=t. / 150 =t. / .41 per	22.5	50. FT. _ REQ.	VENTS	
Τ =		12	REQ.	

NOTE: A MINIMUM OPENING MEASURING 18 INCHES BY 24 INCHES SHALL BE PROVIDED.

OPT ": WHERE AN APPROVED VAPOR BARRIER IS INSTALLED OVER GROUND SURFACE, THE REQUIRED VENTILATION MAY BE REDUCED BY 50%.

OPT 12 - CLOSED CRAWL SPACE PER R409.

## DULE AR RIDGE AT / NEAR EAVE SMALL RIDGE VEN CONT. VEN 2778 0.125 0.1944 0.0625 42.00 0 68.00 RED IF THERE IS INSUFFICIENT RIDGE AVAILABLE

TAL AND RIDGE AT 40-50% OF TOTAL REQUIRED VENTILATION

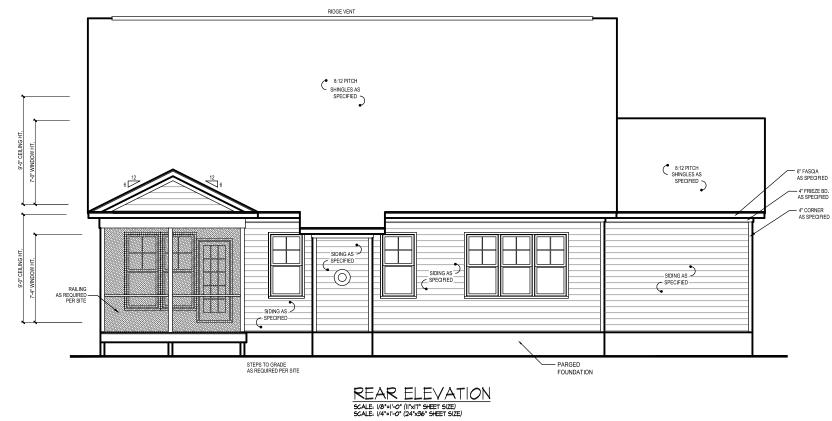
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1-19-2024 Revision No. Revision Date
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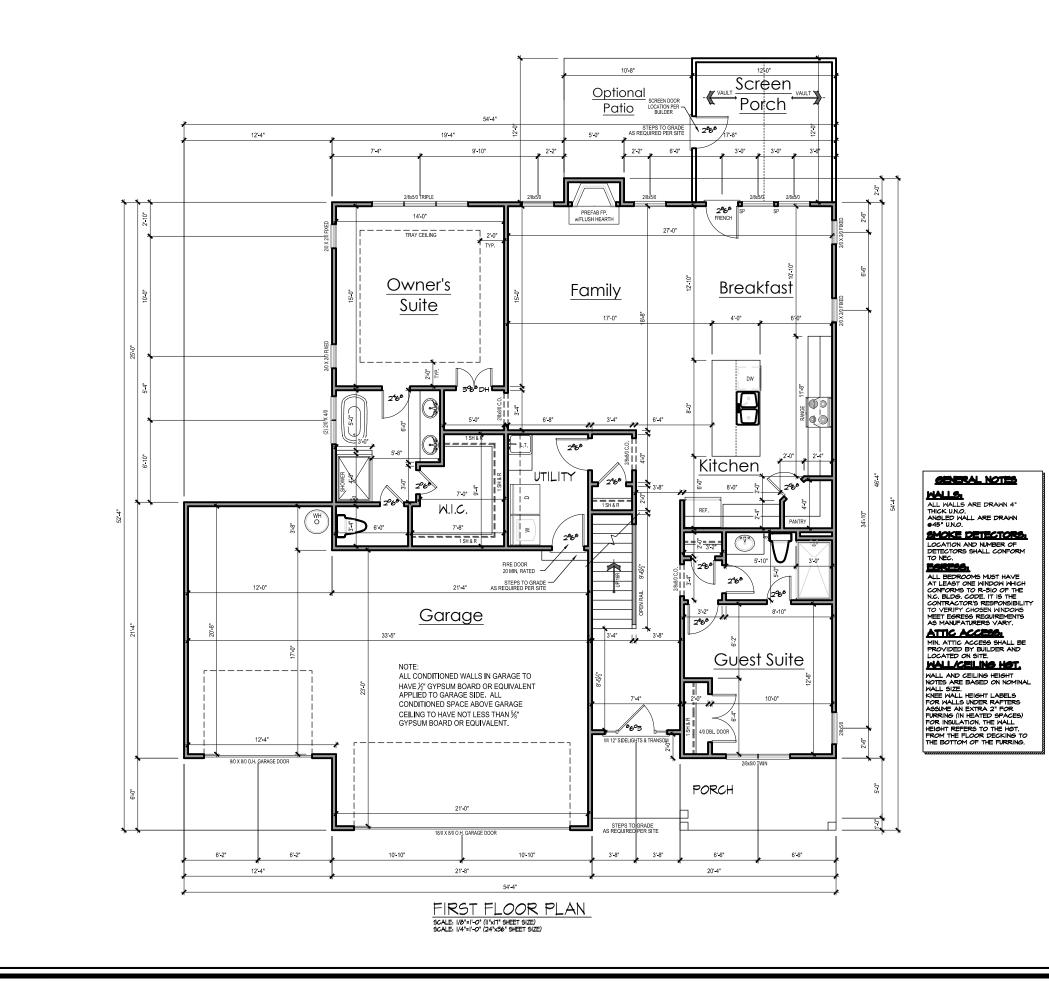




RAILING — AS REQUIRED PER SITE

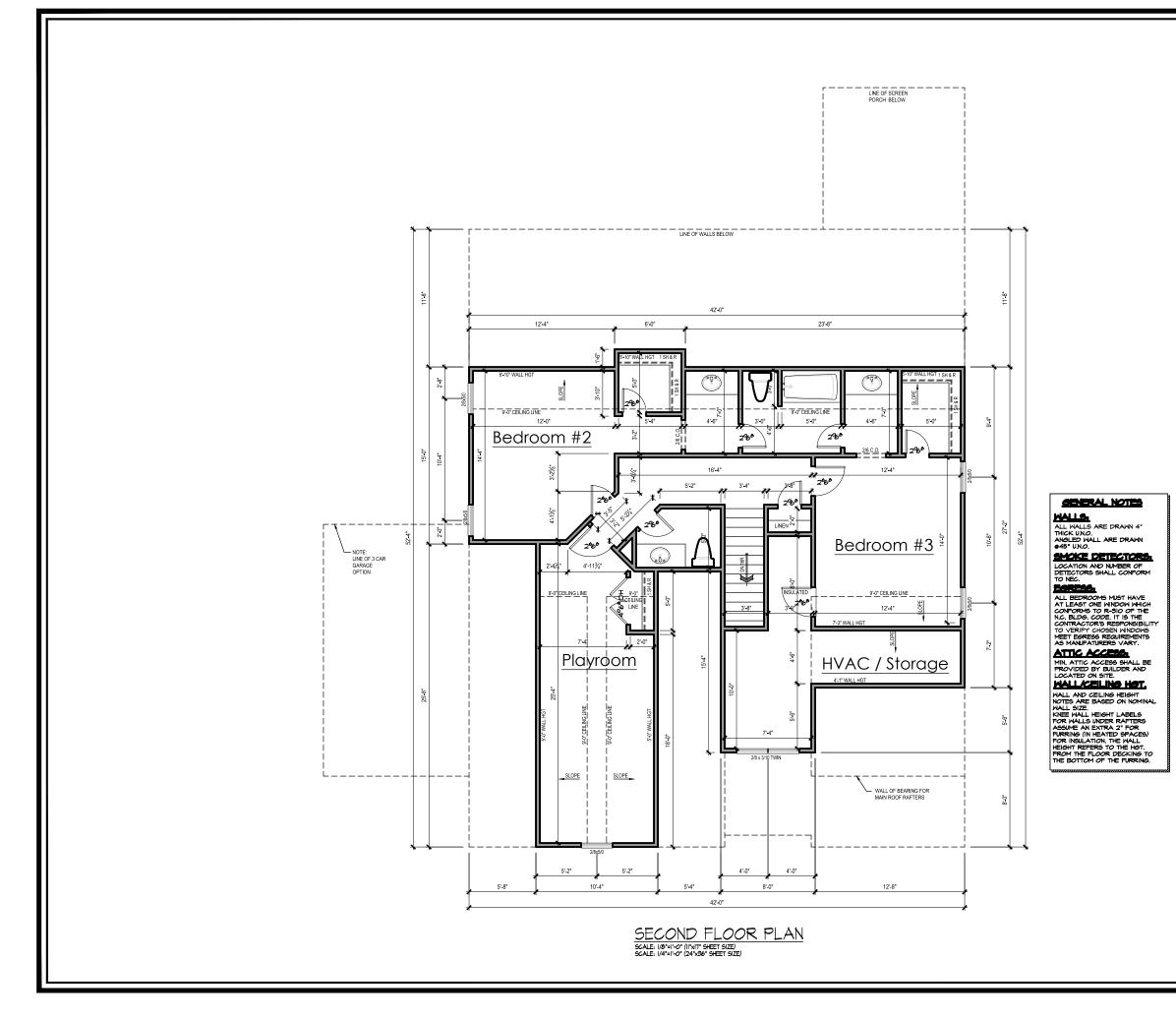
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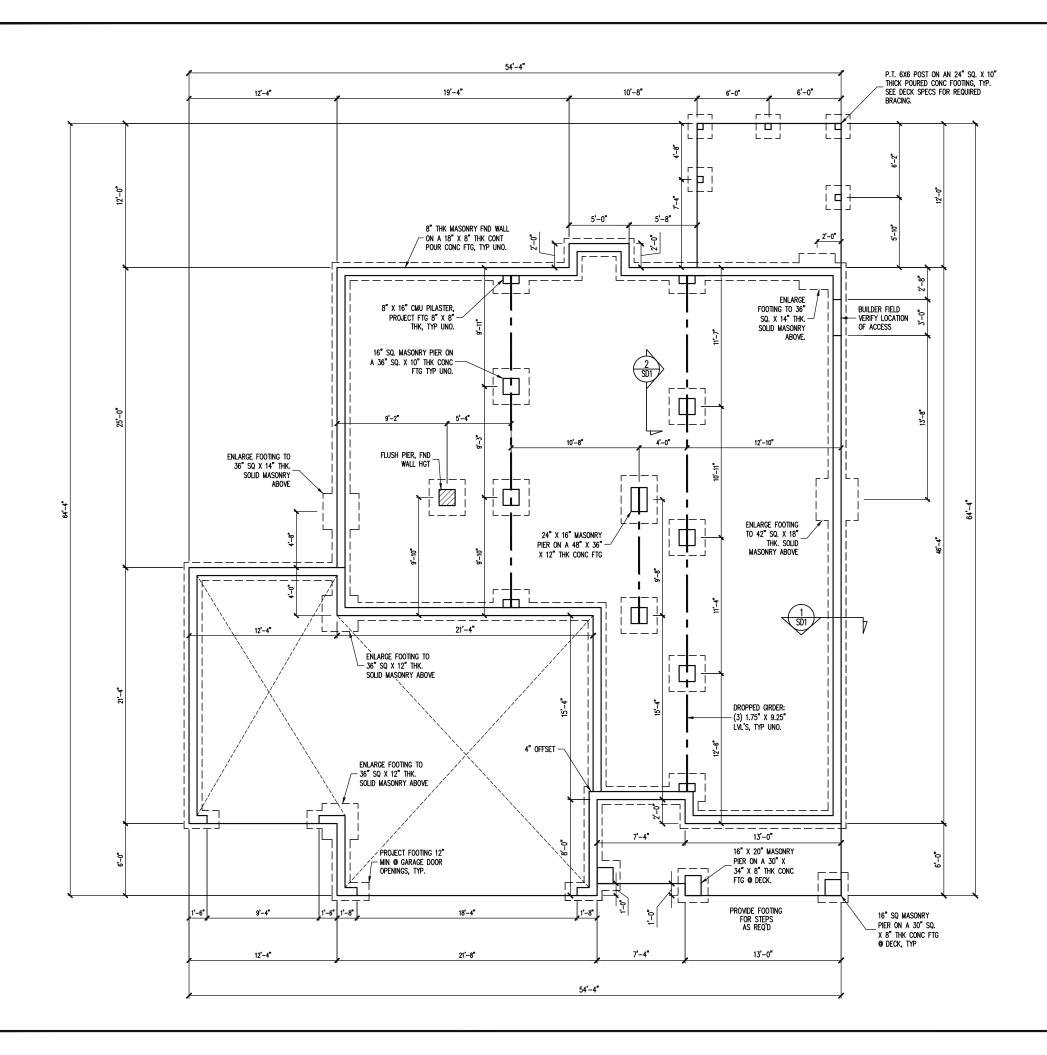
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FIRST FLOOR PLAN
2579 A-1

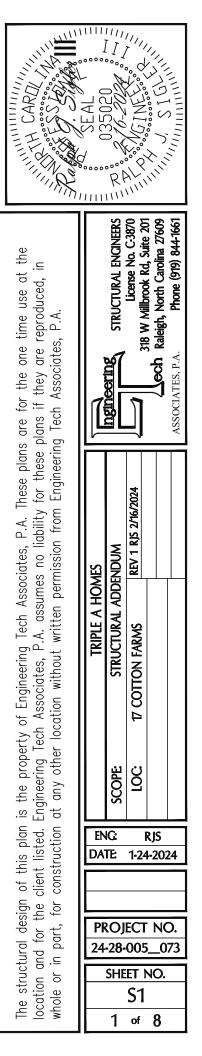
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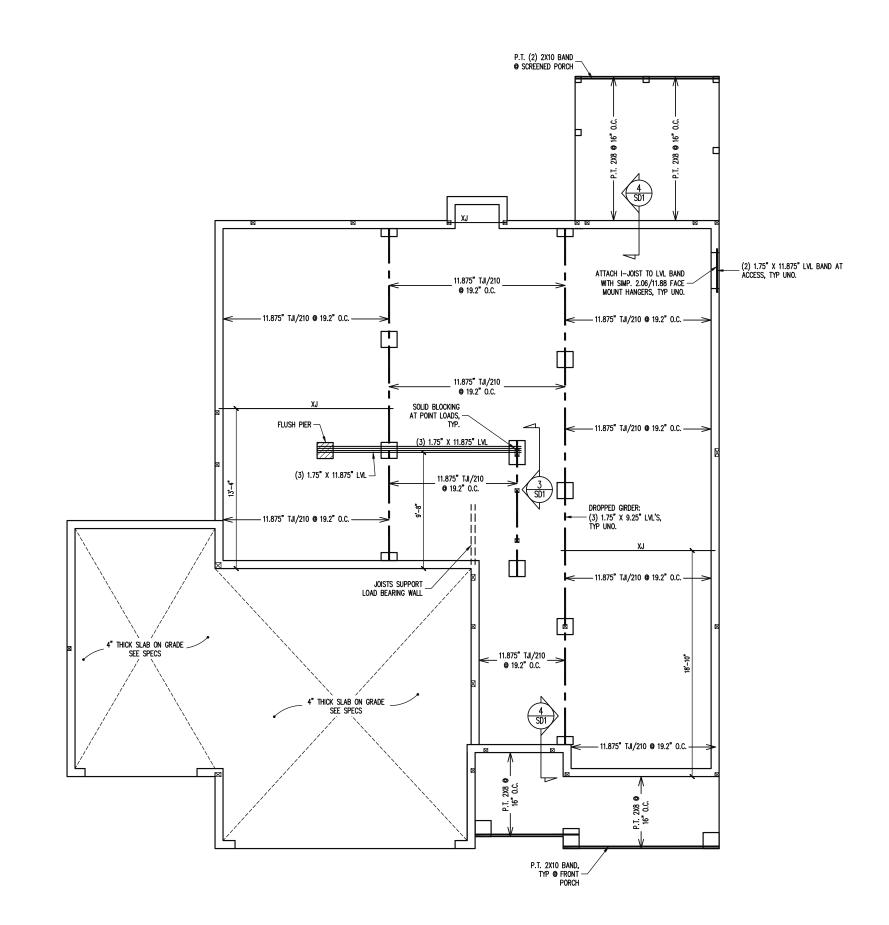


CONSTRUCTION SPECIFICATIONS INSTANT REFERENCES REFER TO THE CONSTRUCTION SPECIFICATIONS SECTIONS FOR THE FOLLOWING INFORMATION: PART 1.01: CURRENT GOVERNING CODE PART 14: STUD SUPPORT FOR BEAMS PART 17: KING STUDS FOR EXTERIOR WALLS SEE DETAIL / CONSTRUCTION SPECIFICATIONS SHEETS FOR I-JOISTS ALLOWABLE SUBSTITUTIONS NOTES: 10TES: -HEIGHT AND BACKFILL LIMITATIONS FOR FOUNDATION WALLS ARE TO BE GOVERNED BY THE NCSBC, LATEST EDITION. REINFORCEMENT AND GROUTING SHALL BE DETERMINED BY FINAL SITE CONDITIONS. -BUILDER TO FIELD LOCATE CRAWLSPACE

-BUILDER TO FIELD LOCATE CRAWLSPALE ACCESS OPENING WITH MINIMUM DIMENSIONS OF 18X24. DO NOT LOCATE ACCESS OPENING BELOW POINT LOADS FROM ABOVE WITHOUT ENGINEER APPROVAL.

FOUNDATION PLAN

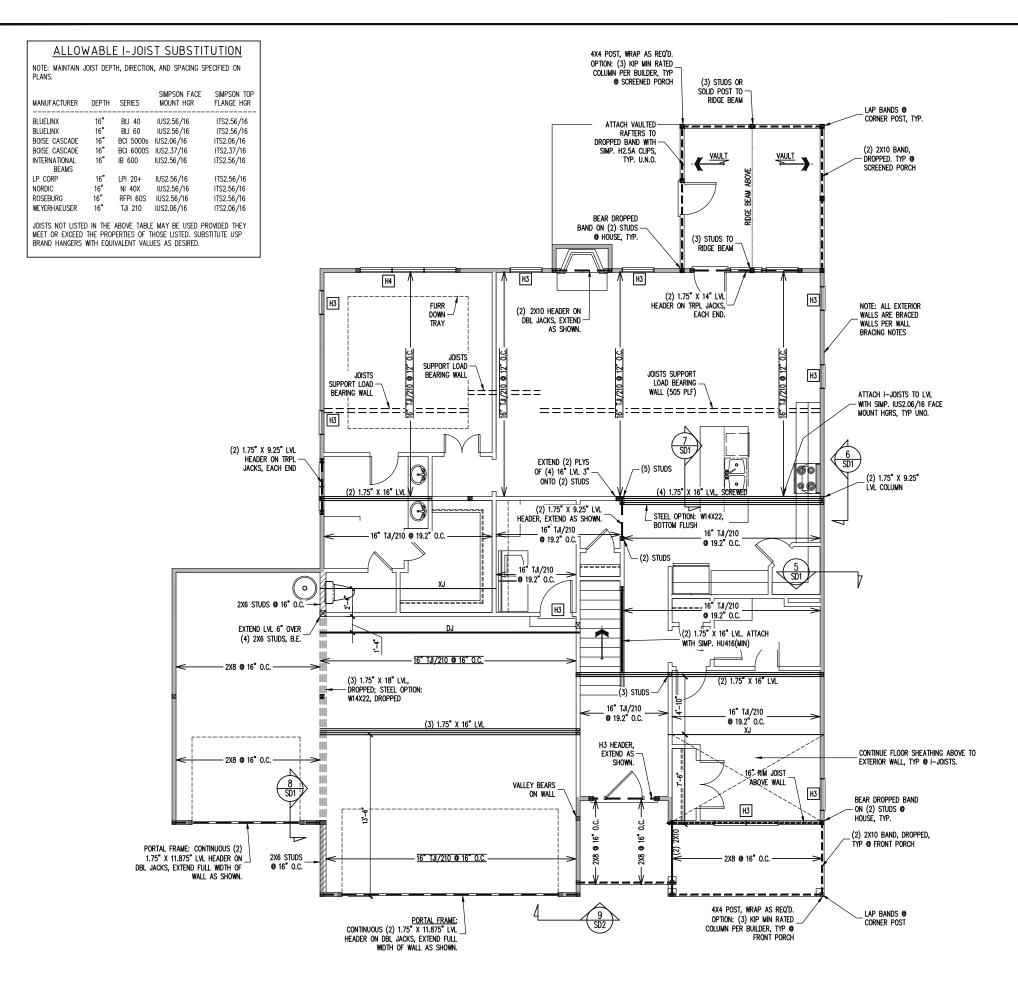
<u>1/8" = 1'-0"</u>

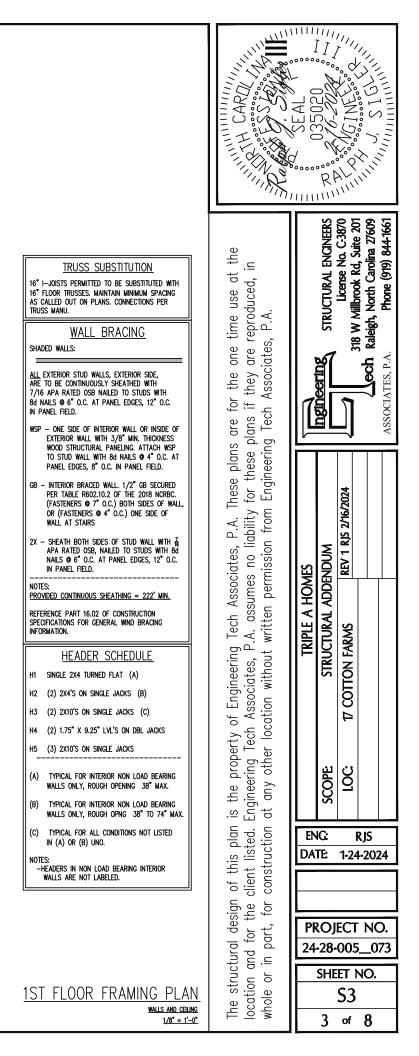


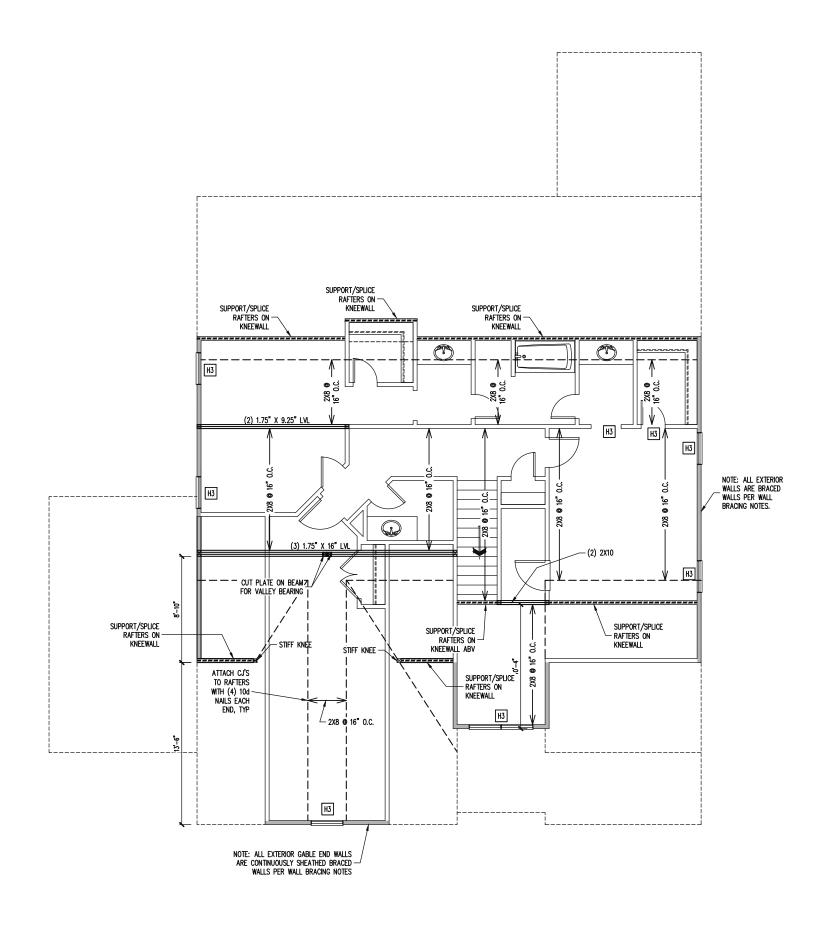
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PROJECT NO. 24-28-005_073			
SHEET NO. SHEET NO. S1 of 8			

ALLOWABLE I-JOIST SUBSTITUTION					
NOTE: MAINTAIN JOIST DEPTH, DIRECTION, AND SPACING SPECIFIED ON PLANS.					
MANUFACTURER	DEPTH	SERIES	SIMPSON FACE MOUNT HGR	SIMPSON TOP Flange Hgr	
BLUELINX	11.875"	BLI 40	IUS2.56/11.88	ITS2.56/11.88	
BOISE CASCADE	11.875"	BCI 5000s	IUS2.06/11.88	ITS2.06/11.88	
BOISE CASCADE	11.875"	BCI 6000s		ITS2.37/11.88	
INTERNATIONAL BEAMS	11.875"	IB 400	IUS2.56/11.88	ITS2.56/11.88	
LP CORP	11.875"	LPI 20+	IUS2.56/11.88	ITS2.56/11.88	
NORDIC	11.875"	NI 40X	IUS2.56/11.88	ITS2.56/11.88	
ROSEBURG	11.875"	RFPI 40s	IUS2.56/11.88	ITS2.56/11.88	
WEYERHAEUSER	11.875	TJI 210	IUS2.06/11.88	ITS2.06/11.88	
WEYERHAEUSER	11.875"	EEI-20	IUS2.37/11.88	ITS2.37/11.88	
JOISTS NOT LISTED IN THE ABOVE TABLE MAY BE USED PROVIDED THEY MEET OR EXCEED THE PROPERTIES OF THOSE LISTED. SUBSTITUTE USP BRAND HANGERS WITH EQUIVALENT VALUES AS DESIRED.					

CRAWL	SPACE	FRAMING	PLAN
			<u>1/8" = 1'-0"</u>







# WALL BRACING

SHADED WALLS:

 $\begin{array}{l} \underline{\text{ALL}} \text{ exterior stud walls, exterior side,} \\ \text{ARE TO BE CONTINUOUSLY SHEATHED WITH} \\ 7/16 \text{ APA RATED OSB NAILED TO STUDS WITH} \\ \text{36 NAILS 06} \\ 6^{\circ} \text{ .C. AT PANEL EDGES, } 12^{\circ} \text{ .C.} \\ \text{IN PANEL FIELD.} \end{array}$ 

NOTES: <u>PROVIDED CONTINUOUS SHEATHING = 71' MIN.</u>

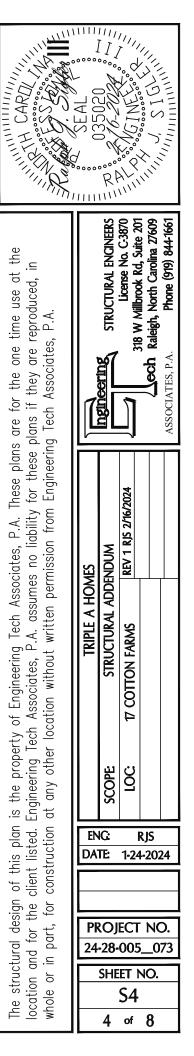
REFERENCE PART 16.02 OF CONSTRUCTION SPECIFICATIONS FOR GENERAL WIND BRACING INFORMATION.

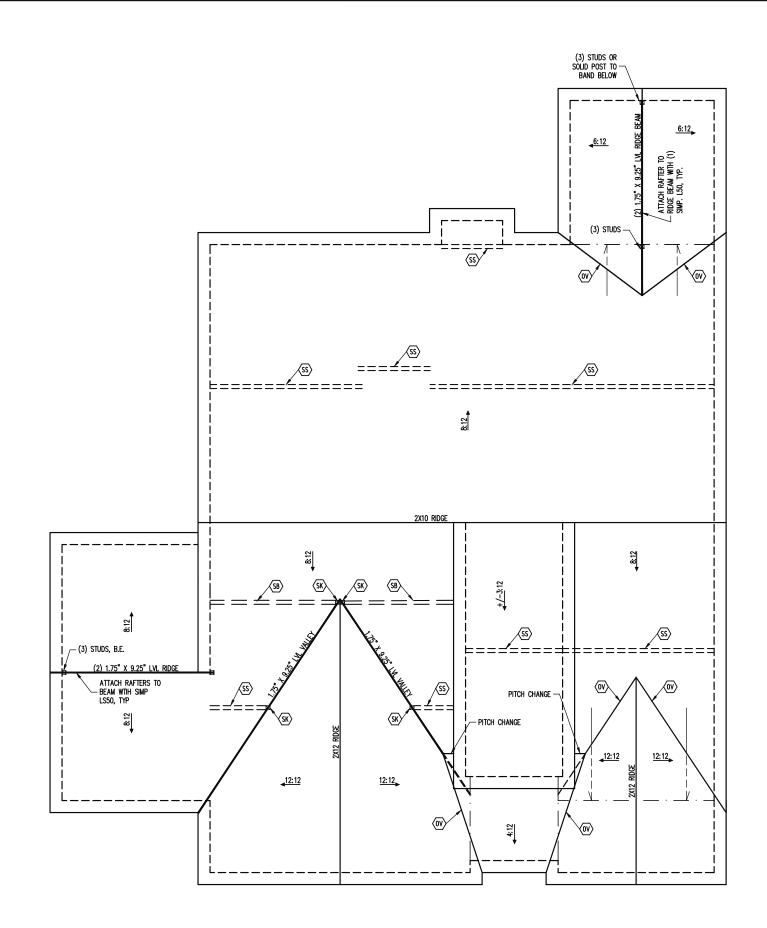
# HEADER SCHEDULE

- H1 SINGLE 2X4 TURNED FLAT (A)
- H2 (2) 2X4'S ON SINGLE JACKS (B)
- H3 (2) 2X10'S ON SINGLE JACKS (C)
- H4 (2) 1.75" X 9.25" LVL'S ON DBL JACKS
- H5 (3) 2X10'S ON SINGLE JACKS
- (A) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPENING 38" MAX.
- (B) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPNG 38" TO 74" MAX.
- (C) TYPICAL FOR ALL CONDITIONS NOT LISTED IN (A) OR (B) UNO.

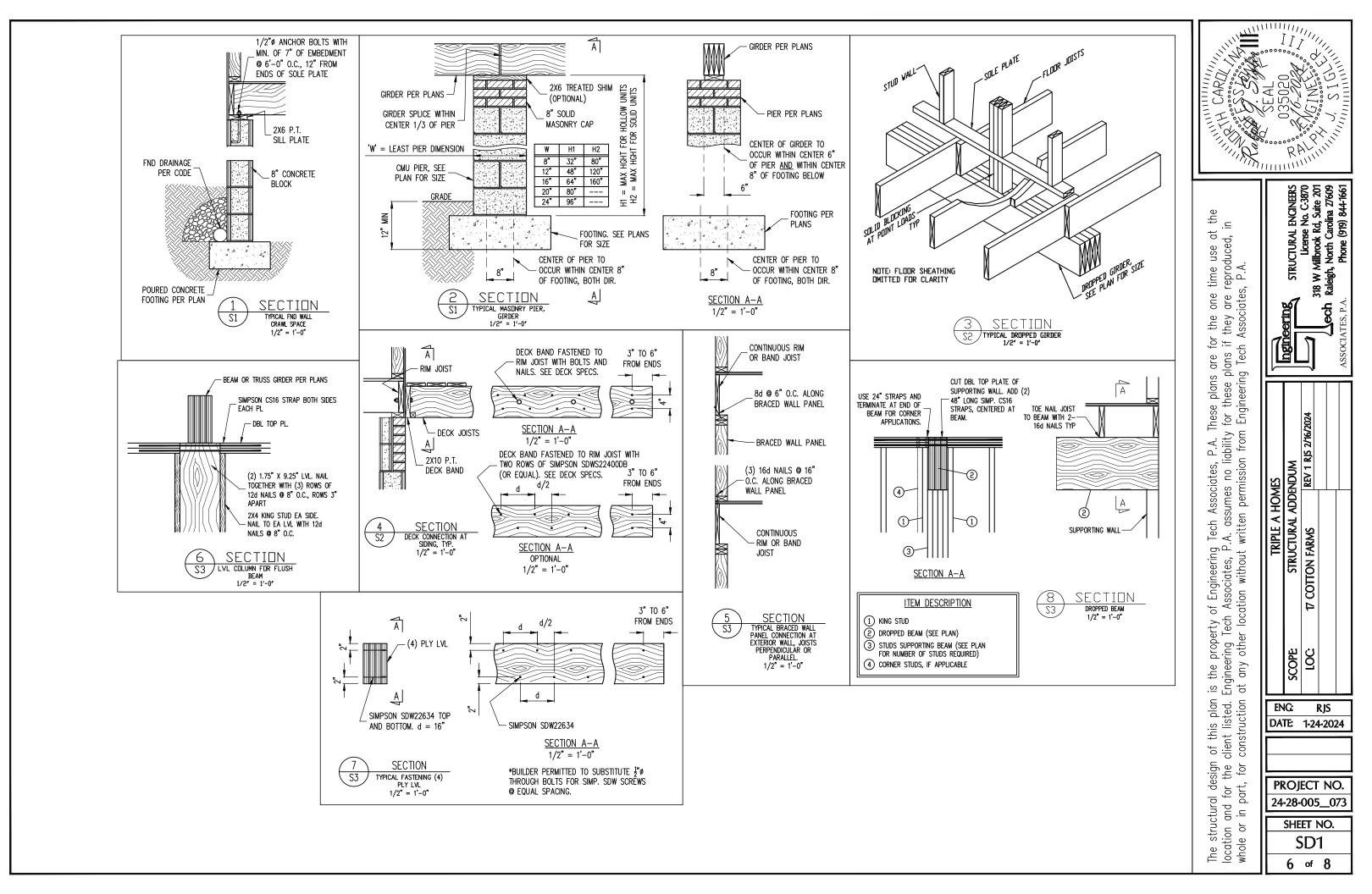
-HEADERS IN NON LOAD BEARING INTERIOR WALLS ARE NOT LABELED.

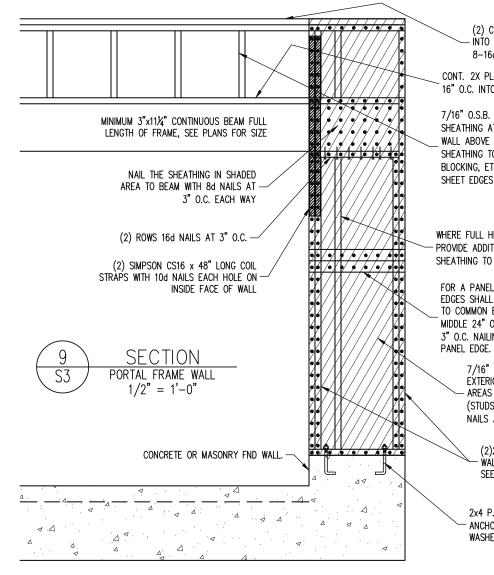
# 2ND FLOOR FRAMING PLAN WALLS AND CELLING 1/8" = 1'-0"





	The second secon	SEAL SEAL SEAL SEAL SEAL SEAL SEAL SEAL
	s are for the one time use at the plans if they are reproduced, in g Tech Associates, P.A.	Associates, P.A. Phone (919) 844-1661
FRAMING NOTES ROOF ONLY -COMMON RAFTERS 2X8 @ 16" O.C. TYP U.N.O. -COLLAR TIES 2X4 EVERY 3RD SET OF RAFTERS TYP U.N.O. -VERTY ALL KNEEWALL HEIGHTS, ARCHITECTURAL OVERHANGS, AND ROOF PITCHES PRIOR TO CONSTRUCTION FRAMING SCHEDULE ROOF ONLY N. AND REVENUE AND REVENUE AND REVENUE	The structural design of this plan is the property of Engineering Tech Associates, P.A. These plans are for the one time use at the location and for the client listed. Engineering Tech Associates, P.A. assumes no liability for these plans if they are reproduced, in whole or in part, for construction at any other location without written permission from Engineering Tech Associates, P.A.	TRIPLE A HOMES       SCOPE     STRUCTURAL ADDENDUM       LOC:     7 COTTON FARMS
OV     OVERFRAME VALLEY (2X10 SLEEPER )       SK     DBL 2X4 STIFF KNEE       SS     SUPPORT/SPLICE RAFTERS ON KNEEWALL BELOW       SB     SUPPORT/SPLICE RAFTERS ON BEAM BELOW	of this plan is lient listed. Er construction a	ENG: RJS DATE: 1-24-2024
	ctural design and for the c in part, for c	PROJECT NO. 24-28-005_073
ROOF FRAMING PLAN 1/8° = 1'-0'	The stru location whole or	SHEET NO. S5 5 of 8





(2) CONT. 2X TOP PLATES, EXTEND EACH END - INTO ADJACENT WALL. NAIL SPLICES WITH 8-16d NAILS PER SPLICE/LAP.

CONT. 2X PLATE WITH 10d NAILS AT 16" O.C. INTO HEADER/BEAM

7/16" O.S.B. OR 15/32" PLYWOOD EXTERIOR WALL SHEATHING AT UNSHADED AREAS (BEAM, INFILL WALL ABOVE BEAM, AND CENTER WALL). NAIL SHEATHING TO ALL SUPPORTS (STUDS, PLATES, BLOCKING, ETC.) WITH 8d NAILS AT 6" O.C. AT SHEET EDGES AND 12" O.C. IN THE FIELD.

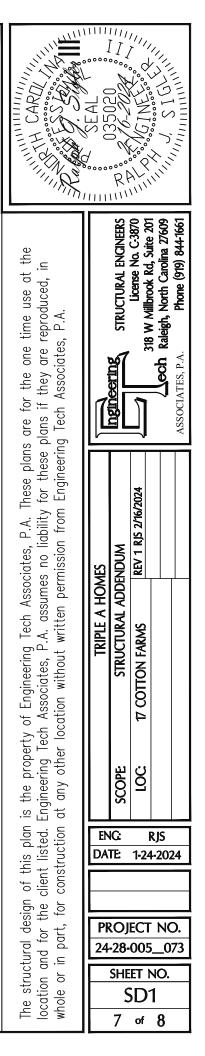
WHERE FULL HEIGHT PANEL WIDTH EXCEEDS 16", PROVIDE ADDITIONAL STUDS AT 16" O.C. NAIL SHEATHING TO ALL STUDS WITH 8d NAILS AT 3" O.C.

FOR A PANEL SPLICE (IF NEEDED), PANEL EDGES SHALL OCCUR OVER AND BE NAILED TO COMMON BLOCKING AND OCCUR WITHIN MIDDLE 24" OF WALL HEIGHT. ONE ROW OF 3" O.C. NAILING IS REQUIRED IN EACH PANEL EDGE.

> 7/16" O.S.B. OR 15/32" PLYWOOD EXTERIOR WALL SHEATHING. AT SHADED AREAS NAIL SHEATHING TO ALL SUPPORTS (STUDS, PLATES, BLOCKING, ETC.) WITH 8d NAILS AT 3" O.C.

(2)2x STUD MIN. AT START AND END OF WALL SEGMENTS EACH SIDE OF OPENING. SEE PLANS FOR ADDITIONAL STUDS

2x4 P.T. PLATE WITH TWO 1/2" DIA x 7" EMBED ANCHOR BOLTS WITH A 3/16"x2"x2" PLATE WASHERS OR ADDITIONAL HOLDOWN PER PLANS



<u>CONSTRUCTION</u>	SPECIFICATIONS		DECK SPECIFICATIONS
PART 1: GENERAL 1.01 CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL	f'm = 1,500 PSI MIN 7.02 CLAY MASONRY UNITS SHALL CONFORM TO ASTM C62-17 GRADE SW	14.03 EXTRA JOISTS BEARING ON A STUD WALL PERPENDICULAR TO OR SKEWED RELATIVE TO THE BEAM SHALL BE SUPPORTED BY ONE ADDITIONAL STUD.	1. A DECK IS AN EXPOSED EXTERIOR WOOD FLOOR STRUCTURE WHICH MAY BE A STRUCTURE OR BE FREE STANDING. ROOFED PORCHES, OPEN OR SCREENI CONSTRUCTED USING THESE PROVISIONS.
CODE, 2018 EDITION. 1.02 DIMENSIONS SHOWN SHALL GOVERN OVER SCALE ON THESE DRAWINGS.	7.03 MORTAR SHALL BE TYPE S. MORTAR AND GROUT SHALL CONFORM TO ASTM C476, MIN COMPRESSIVE STRENGTH OF 2000 PSL.	14.04 STUDS THAT ARE GANGED TO FORM A COLUMN SHALL HAVE ADJACENT STUDS WITHIN THE COLUMN NAILED TOGETHER WITH ONE ROW OF 10d NAILS AT 8" O.C. (TWO ROWS	2. SUPPORT POSTS SHALL BE SUPPORTED BY A FOOTING.
1.05 METHODS, PROCEDURES AND SEQUENCES OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR, WHO SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND INSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION.	<ul> <li>7.04 MASONRY CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS OF ACI 530</li> <li>7.05 LADDER WIRE REINFORCEMENT SHALL CONFORM TO ASTM A951. 6" MIN LAPS FOR CONTINUOUS WALL APPLICATIONS</li> </ul>	OF 10d NAILS @ 8" O.C., 3" APART, FOR 2X8 OR 2X10 STUDS) ALL COLUMINS SHALL BE CONTINUOUS DOWN TO THE FOUNDATION OR OTHER PROPERLY DESIGNED STRUCTURAL ELEMENT SUCH AS A BEAM. COLUMNS TRANSFERRING LOADS THROUGH FLOOR LEVELS SHALL BE SOLIDLY BLOCKED FOR THE FULL WIDTH OF THE STUD COLUMN WITHIN THE CAVITY FORMED BY THE	<ol> <li>WHEN ATTACHED TO A STRUCTURE, THE STRUCTURE TO WHICH ATTACHED TREATED WOOD BAND FOR THE LENGTH OF THE DECK, OR CORROSION RES SHALL BE USED TO PREVENT MOISTURE FROM COMING IN CONTACT WITH T FRAMING OF THE STRUCTURE. THE DECK BAND AND THE STRUCTURE BAND</li> </ol>
PART 2: DESIGN LOADS 2.01 DESIGN LOADS SHALL CONFORM WITH THE TABLE BELOW:	PART 8: BOLTS AND LAG SCREWS	FLOOR JOISTS.	CONSTRUCTED IN CONTACT WITH EACH OTHER EXCEPT AT BRICK VENEER A PLYWOOD SHEATHING IS REQUIRED AND PROPERLY FLASHED. SIDING SHALL
USE LIVE LOAD (PSF) DEAD LOAD (PSF) BALCONIES, DECKS, ATTICS WITH FIXED STAIR	8.01 BOLTS SHALL CONFORM TO ASTM A307 MINIMUM GRADE TYP UNO. INSTALL STANDARD STEEL WASHERS (ASTM F844-070) FOR THE NUT / BOLT HEAD WHEN BOLTING WOOD MEMBERS. HOLES FOR BOLTS SHALL BE AISC STANDARD HOLES UNO	PART 15: NAILING OF MULTI PLY WOOD BEAMS 15.01 SOLID SAWN LUMBER JOISTS THAT ARE GANGED TO FORM A BEAM SHALL HAVE ADJACENT MEMBERS IN THE BEAM NAILED TOGETHER WITH THREE ROWS OF TOG NAILS	INSTALLED BETWEEN THE STRUCTURE AND THE DECK BAND. IF ATTACHED STRUCTURE, NEITHER FLASHING NOR A TREATED BAND FOR THE BRICK STI IS REQUIRED. IN ADDITION, THE TREATED DECK BAND SHALL BE CONSTRUC WITH THE BRICK
ACCESS, DWELLING UNITS INCLUDING ATTICS WITH FIXED STAIR ACCESS, STAIRS, FIRE ESCAPES 40 10 GARAGES (PASSENGER CARS ONLY) 50	8.02 LAG SCREWS SHALL CONFORM TO ANS/ASME STANDARD B18.21-1981. PILOT HOLES SHALL BE USED FOR LAG SCREW INSTALLATION AND SHALL BE BORED ACCORDING TO NDS SPECIFICATIONS. INSTALL STANDARD STEEL WASHERS (ASTM F844-07a) FOR SCREW HEAD	ROW OF 10d NAILS @ 16" O.C. FOR 2X6 OR SMALLER. STAGGER ROWS 5" MIN. 15.02 LVL MEMBERS THAT ARE GANGED TO FORM A BEAM SHALL HAVE ADJACENT MEMBERS IN THE BEAM FASTENED TOGETHER PER MANUFACTURERS RECOMMENDATIONS, TYP UNO	<ol> <li>WHEN THE DECK IS SUPPORTED AT THE STRUCTURE BY ATTACHING THE DE STRUCTURE, THE FOLLOWING ATTACHMENT SCHEDULES SHALL APPLY FOR / DECK BAND TO THE STRUCTURE:</li> </ol>
ATTICS (NO STORAGE, LESS THAN 5' HEADROOM) 10 10 ATTICS (WITH STORAGE) 20 10	8.03 ANCHOR RODS AND BOLTS SHALL CONFORM TO ASTM F1554-15 GRADE 36 UNO. BENT ANCHOR BOLTS SHALL HAVE A 2" MIN HOOK UNO	PART 16: WALL FRAMING AND BRACING	A. ALL STRUCTURES EXCEPT BRICK STRUCTURES
ROOF 20 10 (15 FOR VAULTS)		16.01 STUD WALLS SHALL CONSIST OF 2X4 STUDS SPACED AT 16" O.C. UNO. STUDS SHALL BE CONTINUOUS FROM SOLE PLATE AT FLOOR TO DOUBLE TOP PLATE AT THE CEILING	JOIST LENGTH
<ul> <li>NOTES: - INDIVIDUAL STAIR TREADS ARE TO BE DESIGNED FOR THE UNIFORMLY DISTRIBUTED LIVE LOAD OF 40 PSF OR A 300 LB. CONCENTRATED LOAD ACTING OVER AN AREA OF 4 SQ. WHICHEVER PRODUCES THE GREATER STRESS.</li> <li>BUILDER TO VERIFY DEAD LOAD DOES NOT EXCEED 10 PSF WHEN HEAVY FLOOR OR</li> </ul>	9.01 NAILS, SPIKES AND STAPLES SHALL CONFORM TO ASTM F 1667- 05. NAILS ARE TO BE COMMON WIRE OR BOX PART 10: DIMENSIONAL LUMBER	OR ROOF. NO INTERMEDIATE BANDS OR PLATES SHALL CAUSE DISCONTINUITIES IN A STUD WALL EXCEPT AS REQUIRED FOR DOOR WINDOW OPENINGS. THE KING STUDS FOR SUCH OPENINGS SHALL BE CONTINUOUS, TYP UNO. MAX ALLOWABLE WALL HEICHTS FOR EXTERIOR STUD WALLS, INCLUSIVE OF SOLE	REQUIRED FASTENERS (2) ROWS OF 12d NAILS @ 8" O.C. OR (3) ROWS OF 12d NAILS @ 8" O.C. OR (3) ROWS OF 12d NAILS @ 8" O.C. OR (3) ROWS OF SIMPSON SDWS22400DB TWO ROWS OF SIMPSON
ROOF FINISHES SUCH AS TILE OR SLATE ARE UTILIZED. NOTIFY ENGINEERING UNDER THESE CONDITIONS	10.01 SOLID SAWN WOOD FRAMING DESIGN IS BASED ON NO. 2 SPRUCE PINE FIR <u>OR</u> SYP #2 FOR JOISTS, RAFTERS, GIRDERS, BEAMS, STUDS, ETC.	PLATE AND DBL TOP PLATE AND 7/16" OSB EXTERIOR BRACING AND ROW OF 2X4 2X6 PURLINS AT 8' HEIGHT (AND AT 16' HEIGHT FOR TALL WALLS), TYP UNO: 2X4 00 16" O.C.: 17-0"	• d = 32" O.C. STAGGERED • d = 16" O.C. S
2.02 INTERIOR WALLS: 5 PSF LATERAL.	PART 11: ENGINEERED LUMBER	2X4 @ 12" 0.C: 12"1 1/2" 2X6 @ 12" 0.C: 13"-8" DBL 2X4 @ 16" 0.C: 13"-4" DBL 2X6 @ 16" 0.C: 21'-0"	A . BRICK VENEER STRUCTURES JOIST LENGTH
2.03 BASIC WIND DESIGN VELOCITY OF 120 MPH. 2.04 SOIL BEARING CAPACITY 2000 PSF (PRESUMPTIVE).	11.01 LVL OR PSL MINIMUM ALLOWABLE DESIGN STRESSES ARE AS FOLLOWS: E= 1.9 X 10E6 PSI, Fb = 2600 PSI, Fv = 285 PSI, Fc = 750 PSI LSL MINIMUM ALLOWABLE DESIGN STRESSES ARE AS FOLLOWS:	16.02 FOR WALL BRACING THE FOLLOWING SHALL APPLY: -BLOCKING AT UNSUPPORTED PANEL EDGES IS REQUIRED TYP UNO.	UP TO 8' MAX. UP TO 16' M
PART 3: STRUCTURAL STEEL 3.01 WIDE FLANGE BEAMS AND TEE SECTIONS SHALL CONFORM TO ASTM A992 MINIMUM	E= 1.3 X 10E6 PSI, Fb = 1700 PSI, Fv = 400 PSI, Fc = 680 PSI 11.02 LVL OR PSL MEMBERS MAY BE RIPPED FROM DEEPER MEMBERS TO MATCH THE MEMBER	-WALL BRACING IS BY ENGINEERED DESIGN AND NOT PRESCRIPTIVE PER SECTION 602.10 OF THE 2018 NORC. CONTINUOUS SHEATHING HAS BEEN PROVIDED, ALONG WITH ALTERNATIVE METADOS TO INSUE THE MINIMUM INTERF OF SECTION 603.10	REQUIRED ONE- 5/8" Ø BOLT @ 28" O.C. ONE- 5/8" Ø BOLT
GRADE 3.02 SQUARE AND RECTANGULAR TUBING SHALL CONFORM TO ASTM A500 GRADE B MINIMUM GRADE.		-BRACED WALL PANELS SHALL BE FASTENED IN ACCORDANCE WITH TABLE 602.3(1) TO PROVDE CONTINUOUS PANEL UPLIFT RESISTANCE AND COMPLIANCE WITH NORBC R602.3.5 AND R802.11 UNLESS NOTED OTHERWISE ON STRUCTURAL PLANS. -WAY SUBSTITUTE WSP FOR GB	<ol> <li>IF THE DECK BAND IS SUPPORTED BY A 1/2" MINIMUM MASONRY LEDGE AL FOUNDATION WALL, 5/8" Ø BOLTS SPACED @ 48" O.C. MAY BE USED FOR S</li> <li>OTHER MEANS OF SUPPORT, SUCH AS JOIST HANGERS, MAY BE USED TO (</li> </ol>
3.03 STEEL PIPE SHALL CONFORM TO ASTM A53 GRADE B, TYPE S, MINIMUM GRADE 3.04 ALL OTHER STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 MINIMUM GRADE	12.01 LUMBER IN CONTACT WITH THE GROUND, CONCRETE OR MASONRY SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AWPA STANDARD C-15. ALL OTHER EXPOSED LUMBER SHALL BE TREATED IN ACCORDANCE WITH AWPA STANDARD C-2 OR BY ANY METHOD GIVING EQUAL PROTECTION. THE BUILDING CODE OFFICE MAY ALSO APPROVE A NATURAL	-SINGLE JOIST, CONTINUOUS RIM JOIST, OR BLOCKING OF EQUAL DEPTH IS REQUIRED ABOVE AND BELOW ALL BRACED WALLS, NAIL BLOCKING ABOVE WALL TO TOP PLATE	JOISTS TO A TREATED STRUCTURE BAND 7. GRDERS SHALL BEAR DIRECTLY ON POSTS OR BE BE CONNECTED TO THE
3.05 STRUCTURAL STEEL CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.	DECAY RESISTANT WOOD PER SECTION 19-6(A) Part 13: Steel Flitch Plate Beams	WALL LINES ONLY REQUIRED AT SHADED WALLS, UNO. PART 17: KING STUDS	WITH 2- 5/8" Ø BOLTS 8. FLOOR DECKING SHALL BE NO. 2 GRADE TREATED SOUTHERN PINE OR EQU MINIMUM FLOOR DECKING THICKNESS SHALL BE AS FOLLOWS:
PART 4: WELDING	13.01 FLITCH PLATE BEAMS SHALL CONSIST OF A CONTINUOUS STEEL PLATE BOLITED BETWEEN TWO PIECES OF CONTINUOUS LUMBER AS SIZED ON THE PLANS. BOLT PIECES TOGETHER USING 1/2" & BOLTS SPACED AT 16" O.C. STAGGERED TOP TO BOTTOM OF THE BEAM.	17.01 KING STUDS FOR OPENINGS IN EXTERIOR WALLS SHALL BE AS FOLLOWS:	MINIMUM FLUUR DEURING IHICKNESS SHALL BE AS FULLUWS:
4.01 WELDING ELECTRODES SHALL BE E70XX AND ALL WELDING SHALL BE PERFORMED BY AN AWS CERTIFIED WELDER	MAINTAIN A 2" EDGE DISTANCE PLACE TWO BOLTS, ONE ABOVE THE OTHER, 16" MAX FROM EACH END OF THE BEAM. TYP UNO	NUMBER OF KING STUDS MAX OPENING MIDTH 5'-0" 9'-0" 13'-0" 17'-0" 21'-0"	JOIST SPAN DECKING
PART 5: CONCRETE AND SLABS ON GRADE	PART 14: STUD SUPPORTS FOR BEAMS	2X4         1         2         3         4         5           STUD SIZE         2X6         1         1         2         2           2X8         1         1         1         2         2	16" 0.C. 1" T&G 24" 0.C. 1 1/4" S4S
5.01 CAST IN PLACE CONCRETE SHALL BE OF NORMAL WEIGHT, 4-6% AIR ENTRAINMENT, FOR EXTERIOR CONCRETE AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS TYP UNO. <u>ALL</u> ITEMS NOTED AS 'CONCRETE' ARE TO BE CAST IN PLACE, TYP UNO.	SHALL BEAR AS FOLLOWS: 1-WHEN THE BEAM IS PERPENDICULAR TO, OR SKEWED RELATIVE TO THE WALL, THE BEAM	PART 18: SUBSTITUTIONS 18.01 MATERIAL OR MEMBER SIZE SUBSTITUTIONS OR PLAN DEVIATIONS REQUIRE THE WRITTEN	9. MAXIMUM HEIGHT OF DECK SUPPORT POSTS IS AS FOLLOWS:
5.02 REINFORCED CAST IN PLACE CONCRETE SHALL BE PROPORTIONED, MIXED AND PLACED I ACCORDANCE WITH THE SPECIFICATIONS OF ACI 318, LATEST EDITION.	SHALL BEAR FULL WIDTH ON THE SUPPORTING WALL INDICATED AND SHALL BE SUPPORTED BY A MINIMUM OF THREE GANGED STUDS, OR A GANGED STUD COLUMN WITH A NUMBER OF STUDS SUCH THAT THE STUD COLUMN IS AT LEAST AS WIDE AS THE TRUE WIDTH OF	AUTHORIZATION OF THE DESIGNERS. UNAUTHORIZED DEVIATIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.	POST SIZE MAX POST HEIGH
5.03 SLABS ON GRADE, IF ANY, SHALL BE CAST IN PLACE, CONTAIN SYNTHETIC POLYPROPYLENE FIBRILLATED MICRO FIBERS, FIBER LENGTH 1 1/2", DOSAGE RATE 1 1/2 LBS/CU YD. SLAB TO BE PLACED ON A 6 MIL VAPOR BARRIER ON 4" MIN GRANULAR	THE BEAM BEING SUPPORTED, WHICHEVER IS GREATER, TYP UNO. FOR THE SKEWED CONDITION PARTICULAR CARE SHALL BE TAKEN TO ENSURE STUD COLUMN IS CENTERED ON	PART 19: OWNERSHIP OF STRUCTURAL DESIGN 19.01 THE STRUCTURAL DESIGN OF THIS PLAN IS THE PROPERTY OF ENGINEERING TECH ASSOCIATES (ETA). THESE PLANS ARE FOR THE ONE TIME USE AT THE LOCATION	6X6 20' ENGINEERED 20' +
FILL'ON SOIL WITH 90% MIN STANDARD PROCTOR DENSITY. VAPOR BARRIER MAY BE OMITTED FOR SLABS NOT IN ENCLOSED AREAS	A MINIMUM OF 4 1/2" ONTO THE WALL AND BE SUPPORTED BY A TRPL STUD GANGED COLUMN TYP UNO.	INDICATED AND FOR THE CLENT LISTED. ETA ASSUMES NO LIABILITY FOR THESE PLANS IF THEY ARE REPRODUCED, IN WHOLE OR IN PART, FOR CONSTRUCTION AT ANY OTHER LOCATION WITHOUT WRITTEN PERMISSION FROM ETA	Notes: 1) This table is based on No. 2 treated southern pine pos 2) This table is based on a maximum tributary area of 128 3) Post height is from top of footing to bottom of grder.
PART 6: REBAR AND WIRE REINFORCEMENT 6.01 REBAR SHALL BE DEFORMED STEEL CONFORMING TO ASTM A615 GRADE 60 TYP UNO	14.02 DIMENSIONAL LUMBER BEAMS BEARING ON A STUD WALL SHALL BEAR AS FOLLOWS: 1-WHEN THE BEAM IS PERPENDICULAR TO, OR SKEWED RELATIVE TO THE WALL, THE BEAM		10. DECKS SHALL BE BRACED TO PROVIDE LATERAL STABILITY BY ONE OF TH
6.02 LAP SPLICES SHALL BE CLASS B AS DEFINED BY ACI 318, TYP UNO 6.03 WIRE REINFORCEMENT SHALL BE 9 GA AND SHALL CONFORM TO ASTM A1064.	SHALL BEAR <u>FULL WIDTH</u> ON THE SUPPORTING WALL INDICATED (LESS 1 1/2" TO ALLOW FOR A CONTINUOUS RIM JOIST WHERE APPLICABLE) AND SHALL BE SUPPORTED BY A GANGED STUD COLUMN THE SAME WIDTH AS THE BEAM TYP UNO. (E.G. A TRIPLE 2X10 IS TO DE ADD TO DE ADD TO DE THE CARE TO DETAIL		METHODS: A. WHEN THE DECK FLOOR HEIGHT IS LESS THAN 4'-0" AND THE DECK I
PART 7: MASONRY	TO BE SUPPORTED BY (3) STUDS). FOR THE SKEWED CONDITION PARTICULAR CARE SHALL BE TAKEN TO ENSURE STUD COLUMN IS CENTERED ON THE BEAM 2-BEAMS BEARING ONTO THE END OF A STUD WALL PARALLEL TO THE BEAM SHALL BEAR A		THE STRUCTURE IN ACCORDANCE WITH SECTION 4, LATERAL BRACING IS B. 4X4 WOOD KNEE BRACES MAY BE PROVIDED ON EACH COLUMN IN BOTH
7.01 CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90 AND C55, NORMAL WEIGHT,	MINIMUM OF 3" ONTO THE WALL AND BE SUPPORTED BY A DBL STUD GANGED COLUMN TYP UNO.		THE KNEE BRACES SHALL ATTACH TO EACH POST AT A POINT NOT LE THE POST LENGTH FROM THE TOP OF THE POST, AND THE BRACES SH BETWEEN 45' AND 60' FROM THE HORIZONTAL KNEE BRACES SHALL E THE ENDS TO THE GIRDER AND THE POST WITH ONE - 5/8" Ø BOLT
	NOTES	ABBREVIATIONS	C. FOR FREE STANDING DECKS WITHOUT KNEE BRACES OR DIAGONAL BRAC STABILITY MAY BE PROVIDED BY EMBEDDING THE POSTS IN CONCRETE WITH THE FOLLOWING:
	THE BUILDER IS RESPONSIBLE FOR REVIEWING PLANS PRIOR TO CONSTRUCTION. THE BUILDER SHALL IMMEDIATELY CONTACT THE ENGINEER OF RECORD (EOR) BEFORE PROCEEDING IF THE	ABV ABOVE FND FOUNDATION TJ TRIPLE JOIST B. BOTH FTG FOOTING TYP TYPICAL	POST SIZE TRIBUT. AREA POST HEIGHT EMB. DEPTH CON
	FOLLOWING CONDITIONS ARE NOTED BEFORE OF ACCOUNT (CONSTRUCTION: 1) THE WORKING PLANS DO NOT BEAR THE SEAL OF THE EOR 2) THE PLANS CONTAIN DISCREPANT OR INCOMPLETE INFORMATION	BLE. BOTH ENDS HDG HOT DIPPED TRPL TRIPLE BTWN BETWEEN GALVANIZED TSP TRIPLE STUD POCKE CIP CAST IN PLACE HOR HANGER UNO UNLESS NOTED	T 4X4 48 SQ. FT. 4'-0" 2'-6" 1 6X6 120 SQ. FT. 6'-0" 3'-6" 1
	ANY ERRORS DUE TO A FAILURE TO FOLLOW THE ABOVE PROCEDURES SHALL NOT BE THE RESPONSIBILITY OF THE EOR. FURTHERMORE, IT IS THE RESPONSIBILITY OF THE BUILDER TO ENSURE THAN ANY REVISIONS ISSUED BY THE EOR ARE PROMPLY DISTRIBUTED TO THE	CONC         CONCRETE         LVL         LAMINATED         VENEER         OTHERWISE           CS         CONTINUOUS SHEATHING         LUMBER         XJ         EXTRA JOIST           DIA         DAMETER         NTS         NOT         TO SCALE         DBL           DBL         DOUBLE         O.C.         ON CENTER         UM         CONCENTER	D. 2X6 DIAGONAL VERTICAL CROSS BRACING SHALL BE PROVIDED IN TWO I DIRECTIONS FOR FREE STANDING DECKS OR PARALLEL TO THE STRUCT EXTERIOR COLUMN LINE FOR ATTACHED DECKS. THE BRACES SHALL BE THE POSTS WITH ONE – 5/8" Ø BOLT AT EACH END OF THE BRACE.
	SUBCONTRACTORS THE EOR DOES NOT PERFORM FENESTRATION OR VENTING CALCULATIONS OR ANY OTHER	DJ DOUBLE JOIST PSL PARALLEL STRAND DSP DBL STUD POCKET LUMBER EQ EQUAL PT PRESSURE TREATED EA EACH QJ QUAD JOIST	NOTES: 1) ALL NAILS AND BOLTS ARE TO BE HOT DIPPED GALVANIZED. 2) MINIMUM EDGE DISTANCE FOR BOLTS IS 2 1/2".
	CALCULATIONS THAT ARE NOT DIRECTLY RELATED TO STRUCTURAL ENGINEERING. ROOF AND FLOOR TRUSSES TO BE DESIGNED BY AN ENGINEER REGISTERED BY THE STATE. FINA TRUSS DRAWING SHOULD BE SUBMITTED TO THE EOR FOR REVIEW	FLG FLANGE SP SPACE (OR SPACING)	3) NAILS MUST PENETRATE THE SUPPORTING STRUCTURE BAND A MININ

Y BE ATTACHED TO KEENED IN, MAY BE HED SHALL HAVE A RESISTANT FLASHING IN THE UNTREATED SAND SHALL BE ER AND WHERE HALL NOT BE HED TO A BRICK	CARDON CARD	D35020				
STRUCTURE IRUCTED IN CONTACT E DECK TO THE OR ATTACHING THE 16' MAX. T © 20° O.C. AND AILS © 6° O.C. OR SON SDWS22400DB 2. STAGGERED 6' MAX. OLT © 16° O.C. E ALONG THE OR SUPPORT. TO CONNECT DECK	he			License No. C-3870 18 W Millbrook Rd, Suite 201	_	ASSOCIATES, P.A. Phone (919) 844-1661
TO CONNECT DECK THE SIDES OF POSTS EQUIVALENT. THE S IGHT POSTS. 128 SQ. FT. 128 SQ. FT. 128 SQ. FT. DER. THE FOLLOWING CK IS ATTACHED TO NG IS NOT REQUIRED. BOTH DIRECTIONS. T LESS THAN 1/3 OF S SHALL BE ANGLED LL BE ATTACHED AT T	The structural design of this plan is the property of Engineering Tech Associates, P.A. These plans are for the one time use at t location and for the client listed. Engineering Tech Associates, P.A. assumes no liability for these plans if they are reproduced, in whole or in part, for construction at any other location without written permission from Engineering Tech Associates, P.A.	TRIPLE A HOMES	SCOPE STRUCTURAL ADDENDUM	LOC: 17 COTTON FARMS REV 1 RJS 2/16/2024		
MINIMUM OF 1 1/2".	The structural design of this plan i location and for the client listed. E whole or in part, for construction o	24	re: ROJ -28- She	1-24- ECT 005_ ET N PEC	NC _07	).