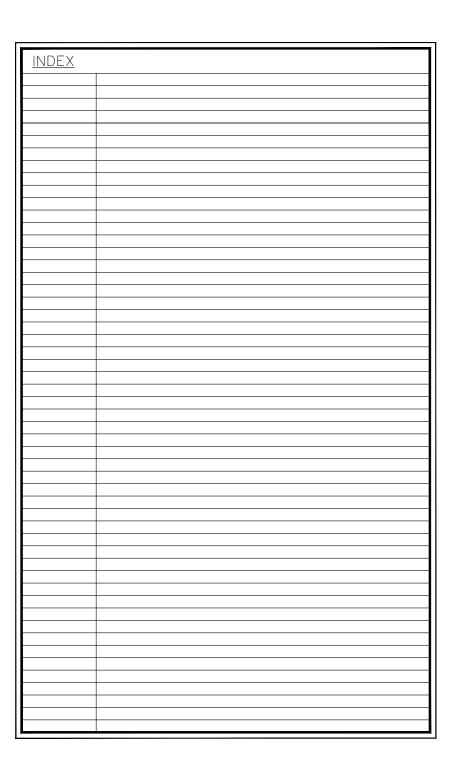
TOWNSEND-RALE

RALEIGH- LOT 00.0031 HONEYCUTT HILLS SF

(MODEL# 3501) ELEVATION 1 - GR



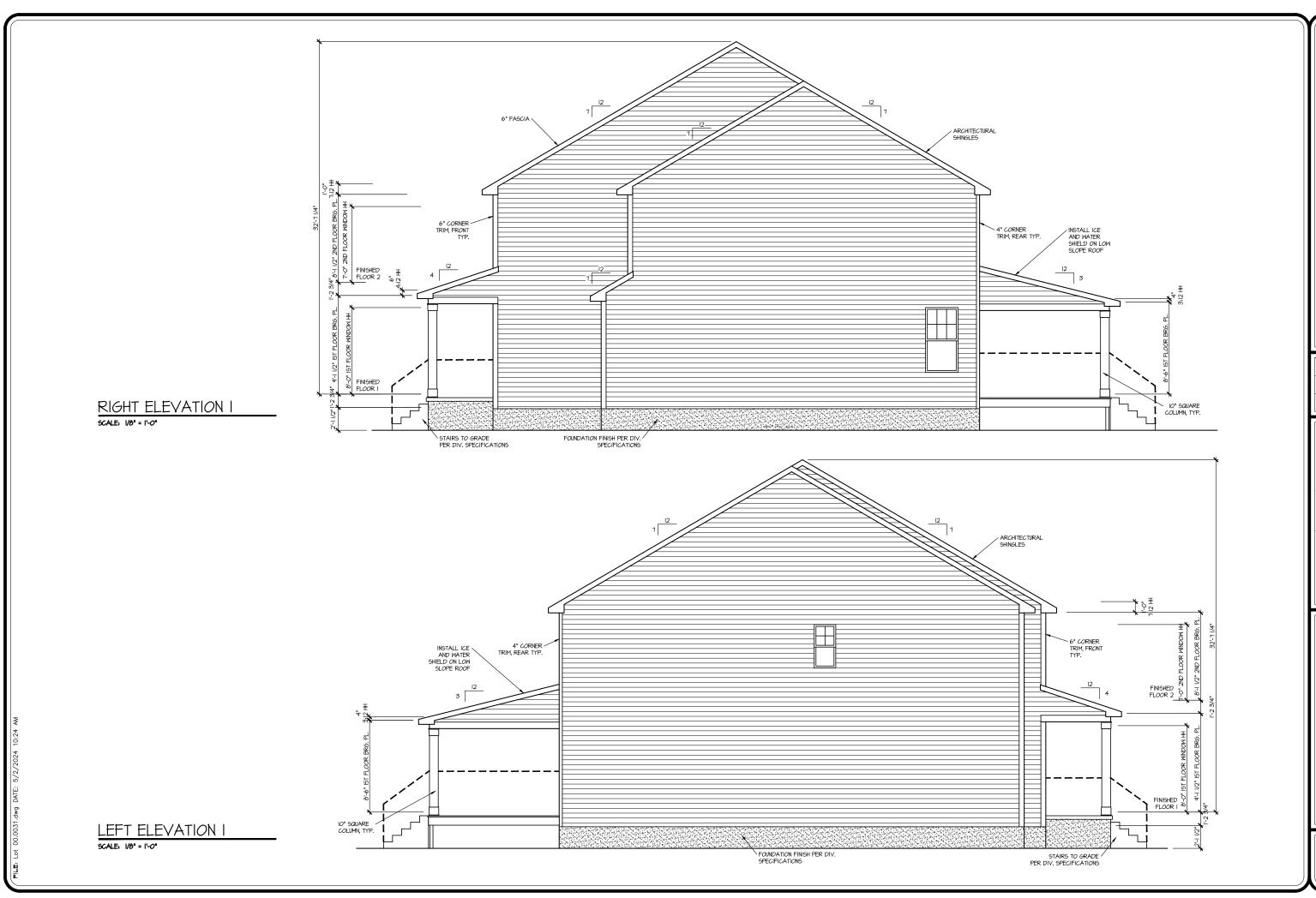


ADEA OALOULATIONIC			
<u>area calculations</u>		001/5050 /	
ELEVATION 1	HEATED	COVERED / UNHEATED	UNCOVERED
		UNHEATED	UNCOVERED
FIRST FLOOR	1588 SF		
GARAGE		439 SF	
FRONT PORCH — ELEVATION 1		116 SF	
THORFT GROTT ELECTRICATE		110 01	
SECOND FLOOR	1913 SF		
OPTIONS			
REAR PORCH		462 SF	
TEAR T OROTT		102 01	
TOTAL	3501 SF	1017 SF	
	+		
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362 ADAMS POINTE COURT

Γ		SPECIFIC	WOT OHTE GOOK
╽	1	LOT 00.0031	HONEYCUTT HILLS SF
L			TOWNSEND R99 ELEVATION 1
IL	2	ADDRESS	362 ADAMS POINTE COURT ANGIER, NC 27501
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RE99 10-04-2022 09-25-2023

DRAWN BY:
ITS

DATE:
05/02/2024

PLAN NO.
3501



DRAWING TITLE RIGHT & LEFT ELEVATIONS

HOUSE NAME:
TOWNSEND
DRAWING TITLE

SHEET No.

UPPER ROOF VENTILATION CALCULATIONS:

ROOF AREA = 2(0) 50. FT.

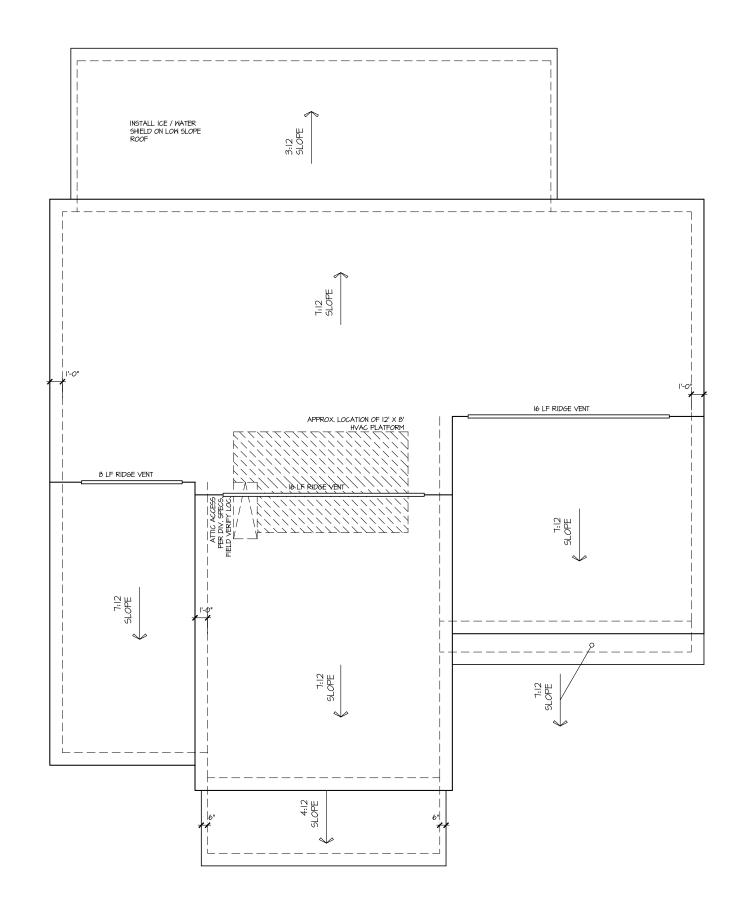
OVERAL REQUIRED VENTILATION.

ITO 50 = 40. 10.50. FT.

100 50. FT.

100 LOMER VENTING. (BOTTOM 2/3 RDS)

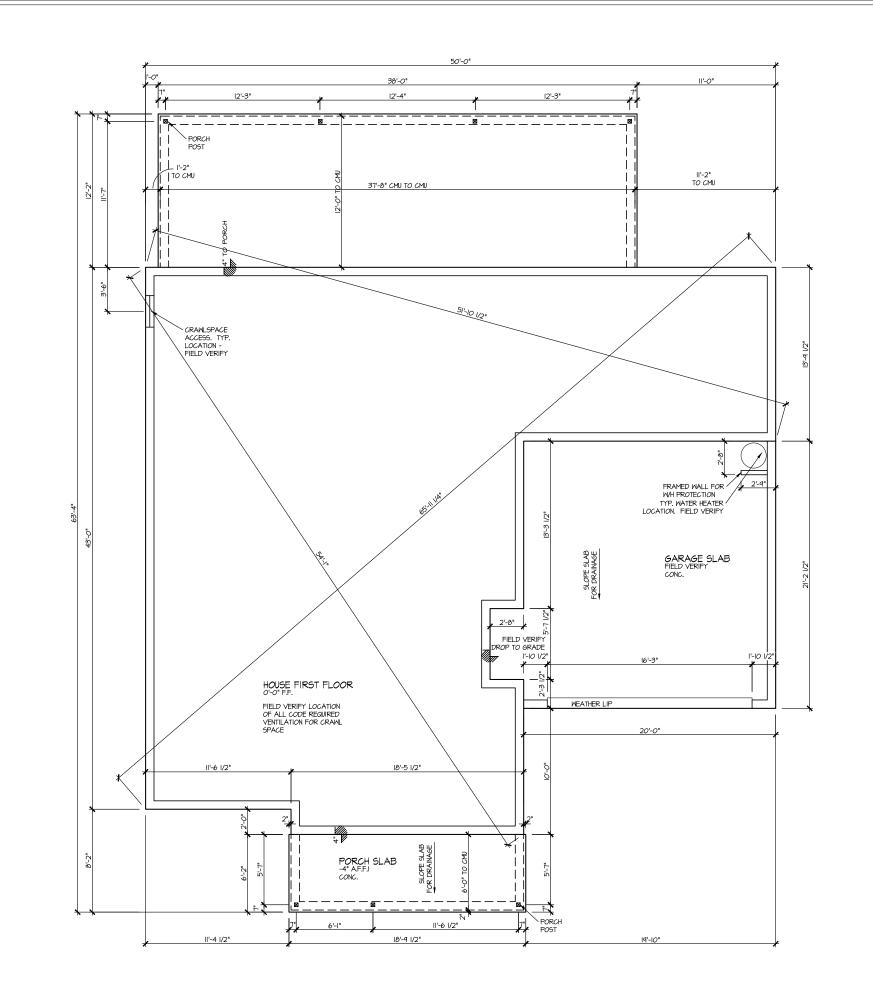
LOUIREAR FIET OF SOFFIT X5.1 Sc., IN. = 3.46 Sc., FT., IMPER VENTING. (TOP II) SC. IN. = 5.0 Sc., FT., IMPER VENTING. (TOP II) Sc. IN. = 5.0 Sc., FT., SC. Sc., FT., SC., FT., Sc., Sc., FT., Sc.,



ROOF PLAN ELEV. I

DRAWN BY: DATE: 05/02/2024 PLAN NO. 3501 HOUSE NAME:
TOWNSEND
DRAWING TITLE ROOF PLAN

SHEET No. AI.3



ELEVATION I CRAWL SPACE PLAN SCALE: 1/8" = 1'-0"

CRAWL SPACE PLAN HOUSE NAME:
TOWNSEND
DRAWING TITLE

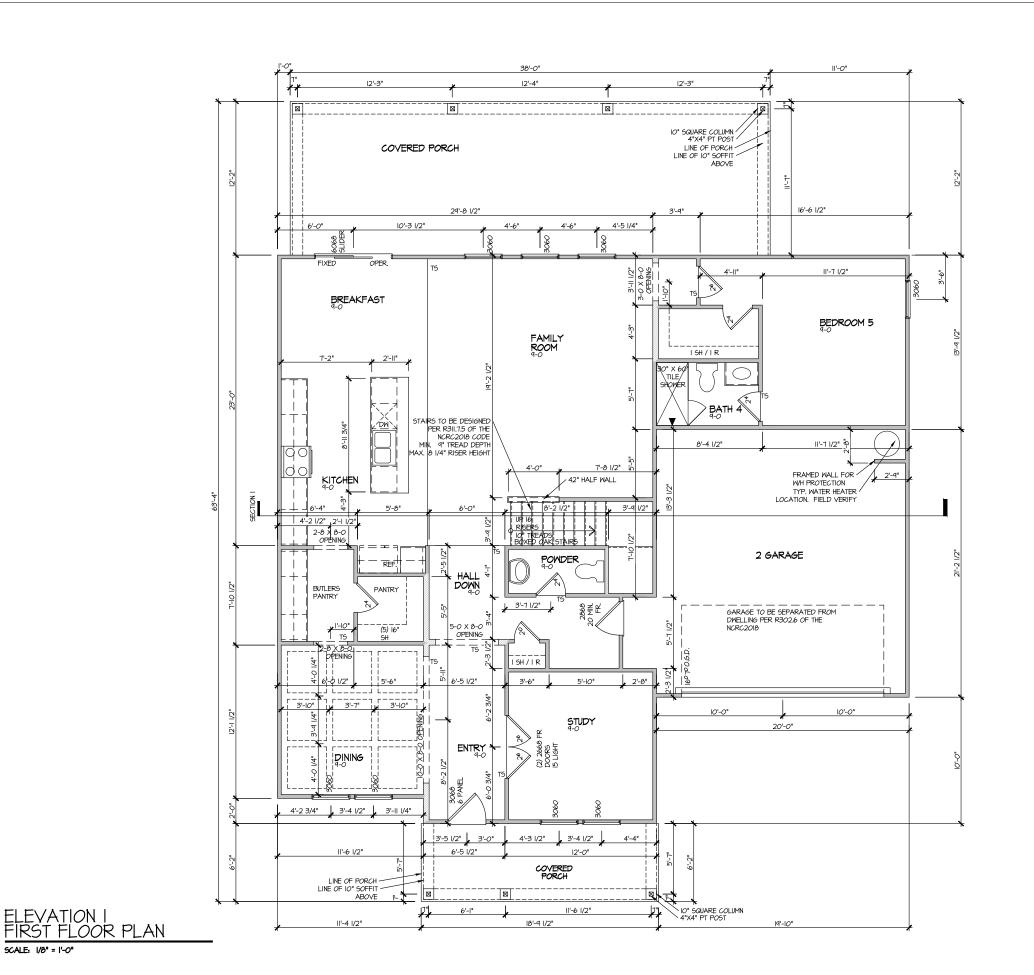
UPDATED DATE 09-25-2023

DRAWN BY:

DATE: 05/02/2024 PLAN NO. 3501

SHEET No.

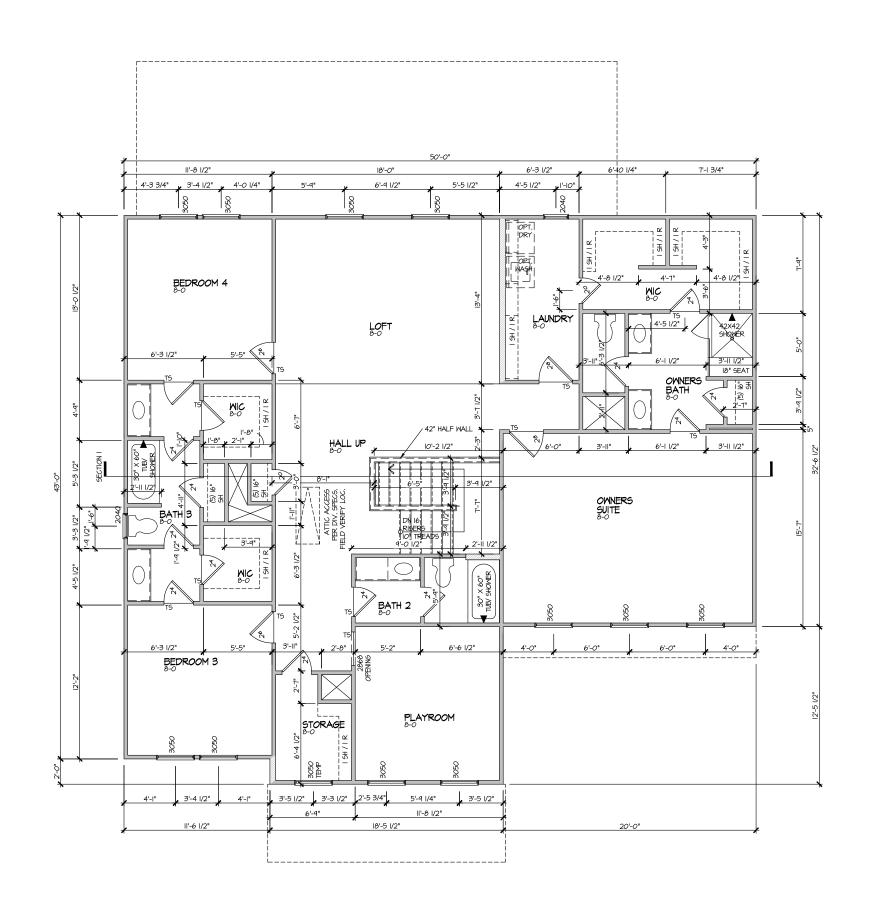
A2.I



MASTER PI REVISION R99 DRAWN BY: DATE: 05/02/2024 PLAN NO. 3501 FLOOR PLAN HOUSE NAME:
TOWNSEND
DRAWING TITLE

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

SHEET No. A3.I



ELEVATION I SECOND FLOOR PLAN SCALE: 1/8" = 1'-0" MASTER PLAN INFORMATION

MASTER PLAN INFORMATION

REVISION DATE

R99

10-04-2022

09-2

10-04-2022

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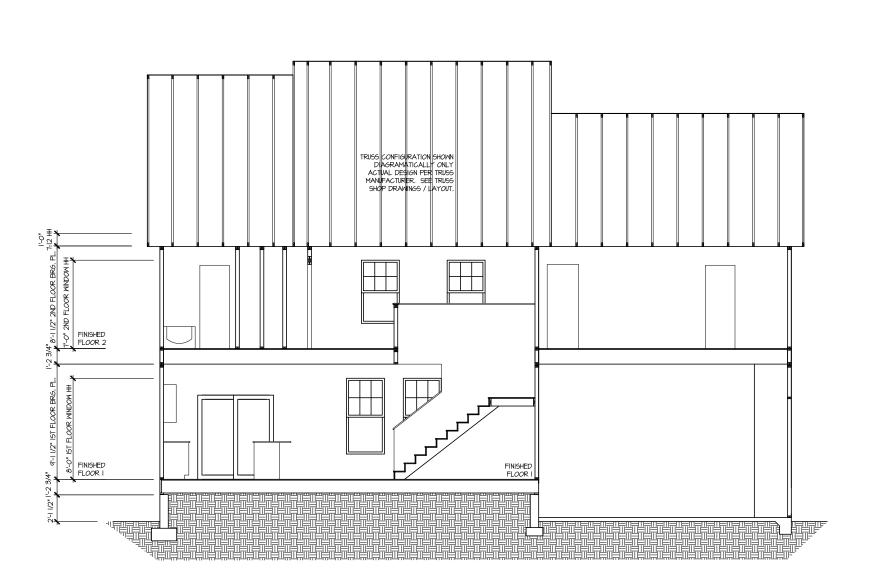
HOUSE NAME:

TOWNSEND

DRAWING TITLE

SECOND FLOOR PLAN

SHEET No. A3.2



SECTION | SCALE: 1/8" = 1'-0"

UPDATED DATE 09-25-2023 MASTER PLAN INFORMATION
REVISION DATE
R99 10-04-2022 DRAWN BY:

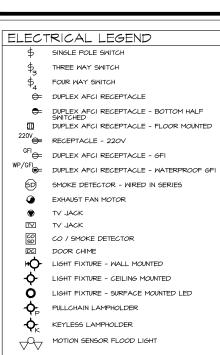
DATE: 05/02/2024

PLAN NO. 3501

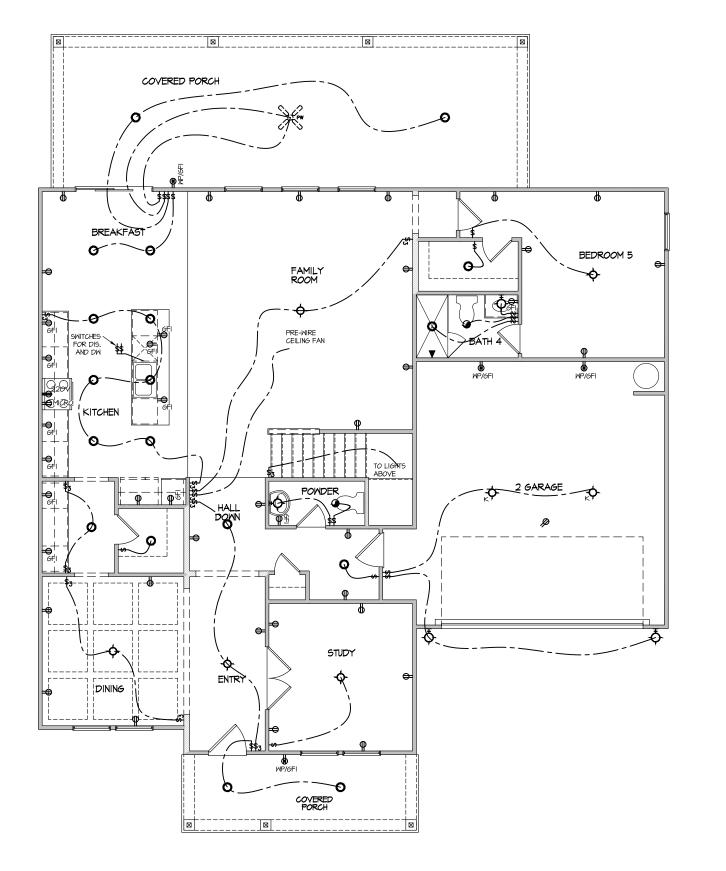


HOUSE NAME:
TOWNSEND
DRAWING TITLE BUILDING SECTION

SHEET No. A4.I



NOTE: ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE ADOPTED VERSION OF THE NATIONAL ELECTRICAL CODE, THE LOCAL POWER COMPANY AND TO ALL APPLICABLE LOCAL REGULATIONS.





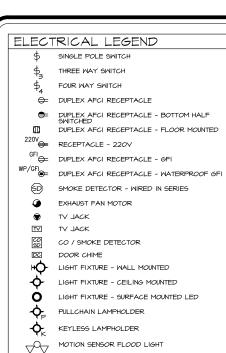


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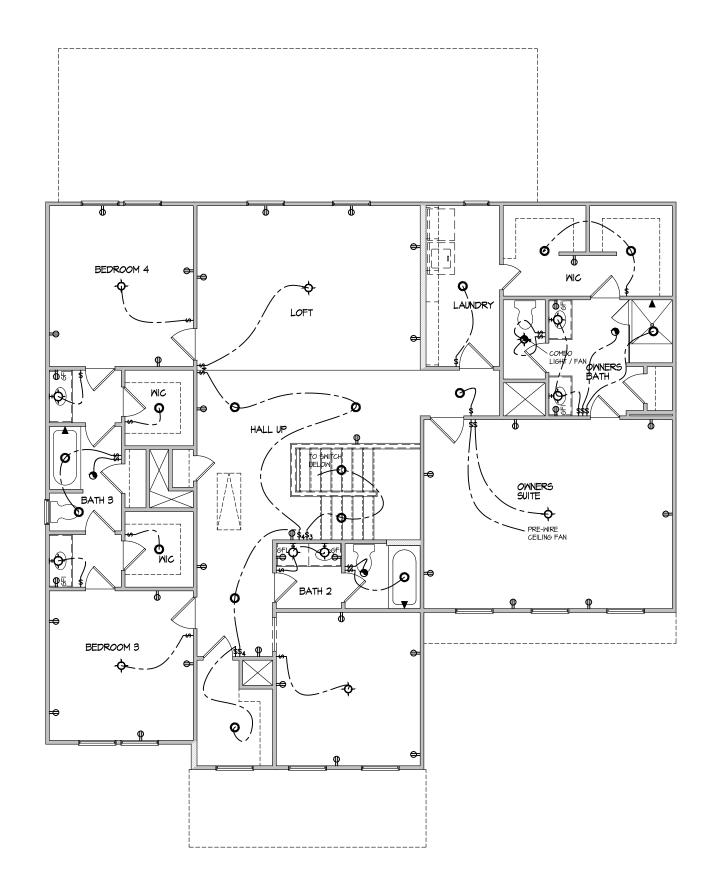
FLOOR ELECTRICAL

HOUSE NAME:
TOWNSEND
DRAWING TITLE

SHEET No.



NOTE: ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE ADDPTED VERSION OF THE NATIONAL ELECTRICAL CODE, THE LOCAL PONER COMPANY AND TO ALL APPLICABLE LOCAL REGULATIONS.



ELECTRICAL PLAN SECOND FLOOR - ELEV. I SCALE: 1/8" = 1'-0"

SHEET No.

HOUSE NAME:
TOWNSEND
DRAWING TITLE

SECOND FLOOR ELECTRICAL

DRAWN BY:

PLAN NO. 3501

DATE: 05/02/2024

FOOTING DESIGN - 2,000 PSF ALLOWABLE SOIL BEARING PRESSURE IS ASSUMED, BUILDER/CONTRACTOR MUST VERIEY.

FASTEN 2x4/6 SILL PLATES TO FND WITH A MINIMUM OF 2 ANCHORS PER PLATE, 12" MAX. FROM PLATE ENDS - UTILIZING:

(CONC), 15" MIN. EMBEDMENT (CMU)

SIMPSON MASA ANCHOR STRAPS @ 6'-0" O.C. (CONC) * SIMPSON MAB23 ANCHOR STRAPS @ 2'-8" O.C. (CMU)

(REFER TO DETAILS FOR 10' TALL WALL ANCHOR REQUIREMENTS) ALL LUMBER EXPOSED TO WEATHER OR IN CONTACT W CONCRETE OR CMU SHALL BE PRESERVATIVE TREATED SOUTHERN PINE #2.

BUILDER TO VERIFY CORROSION-RESISTANCE COMPATIBILITY OF HARDWARE & FASTENERS IN CONTACT w/ PRESERVATIVE-TREATED WOOD. CONTACT LUMBER & HARDWARE SUPPLIERS TO COORD.

BASEMENT INTERIOR BEARING WALLS & EXTERIOR WALK-OUT BASEMENT WALLS SHALL BE 2x6 @ 16" O.C. SPF OR SYP, "STUD" GRADE OR BETTER

CONCRETE DESIGN BASED ON ACI 318. CONCRETE SHALL ATTAIN THE FOLLOWING MIN, COMPRESSIVE STRENGTHS IN 28 DAYS, UN.O.; 4,000 psi: FOUNDATION WALLS

2500 psi: FOOTINGS & INTERIOR SLABS ON GRADE 3,000 psi: GARAGE & EXTERIOR SLABS ON GRADE 60,000 psi

BASEMENT FOUNDATION WALL DESIGN BASED ON:

. 9' OR 10' HEIGHT (AS NOTED ON PLANS) - TALLER WALLS MUST BE ENGINEERED

. NOMINAL WIDTH (9 1/5" FOR 10" THICK WALL).

BASEMENT WALL DESIGN IS BASED ON 60 PCF BACKFILL SOIL TYPE CLASSIFICATIONS (SC, ML-CL, OR CL).

BASEMENT WALLS SHALL BE BRACED, PRIOR TO BACKFILLING, BY ADEQUATE TEMPORARY BRACING OR INSTALL IST FLOOR DECK.

PROVIDE (2) #5 BARS AROUND ALL SIDES OF OPENINGS IN CONCRETE BSMT. FND. WALL MITH 2" CLEAR. REINFORCEMENT SHALL EXTEND 12" PAST CORNER OF OPENING IN ALL DIRECTIONS.

 FOR OPENINGS UP TO 36". PROVIDE MINIMUM 10" CONCRETE DEPTH OVER OPENING OR (3)2x10 W (2)2x6 JACK STUDS, U.N.C

• LARGER OPENINGS SHALL BE PER PLAN.

ALL CONCRETE EXPOSED TO THE WEATHER SHALL NOT HAVE LESS THAN 5% OR MORE THAN 7% AIR ENTRAINMENT

ALL FOOTINGS SHALL BEAR AT LEAST 12" BELOW FINISH GRADE.

• FOOTINGS AND SLABS ON GRADE SHALL BEAR ON VIRGIN SOIL OR

PROVIDE CONTROL JOINTS AT ALL INSIDE CORNERS OF SLAB EDGES, AND OTHER LOCATIONS WHERE SLAB CRACKS ARE LIKELY

• JOINTS SHALL BE LOCATED @ 10'-0" O.C. (RECOMMENDED) OR 15'-0" O.C. (MAXIMUM)

 JOINT GRID PATTERN SHALL BE AS CLOSE TO SQUARES AS POSSIBLE (I:I RATIO), WITH A MAXIMUM OF I:1.5 RATIO

· CONTROL JOINTS SHALL NOT BE INSTALLED IN STRUCTURAL

CONCRETE MASONRY UNITS (CMU) SHALL BE ASTM C90 WITH A MIN. COMPRESSIVE STRENGTH OF 1900 psi (F/m=1500 psi). MORTAR SHALL BE ASTM C270, TYPE S. CMU DESIGN PER ACI 530 \$ 530.I.

CMU FOUNDATION WALLS SHALL HAVE 'DUR-O-WALL' HORIZONTAL JOINT REINFORCEMENT (OR EQUAL) - 9 GA. MINIMUM ● 16" O.C.

PROVIDE 2x8 x 16" LONG P.T. PLATE ON TOP OF ALL CRAWL SPACE PIERS. ALL PIERS SHALL BE GROUTED SOLID.

PROVIDE 2x6 P.T. PLATE ON INTERIOR CRAWL SPACE WALLS, FASTENED PER ANCHORAGE SPECIFICATION NOTED ABOVE.

DIMENSIONS BY OTHERS, BUILDER TO VERIFY.

DESCRIPTION OF BLDG. ELEMENT 3"x0.131" NAILS

IOIST TO SOLE PLATE

COUBLE STUD

OUBLE TOP PLATE

NTERSECTING WALLS

SOLE PLATE TO JOIST/BLK'G STUD TO SOLE PLATE

TOP OR SOLE PLATE TO STUD

BLK'G, BTWN, JOISTS TO TOP PL.

OP PLATE LAP @ CORNERS &

(ONLY ACCEPTABLE WHERE * ARE SHOWN)

BUILDER TO VERIFY THAT MODEL HAS BEEN ADEQUATELY TREATED BY A LICENSED AND BONDED PEST CONTROL COMPANY FOR SUBTERRANEAN TERMITES. METHOD AND TYPE OF TREATMENT TO BE DETERMINED BY PEST CONTROL COMPANY.

CONNECTION SPECIFICATIONS (TYP. U.N.O.)

OUBLE TOP PLATE LAP SPLICE (4) NAILS IN LAPPED AREA

3) TOENAILS

(3) NAILS @ 4" 0.0 (2) TOENAILS

OFNAILS @ 8"

NAILS @ 24" 04

2/4"x0.113 IS AN ACCEPTABLE ALTERNATIVE TO A 3"x0.120", SAME SPACING OR NUMBER OF NAILS.

(3) TOENAILS

(2) NAILS

GENERAL STRUCTURAL NOTES

DESIGN IS BASED ON 2018 NORTH CAROLINA STATE BUILDING CODI RESIDENTIAL CODE.

 WOOD FRAME ENGINEERING IS BASED ON NDS. "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" - LATEST EDITION.

DESIGN LOADS: DEAD = 7 PSF T.C., 10 PSF B.C.

LOAD DURATION FACTOR = 1.25

FLOOR LIVE = 40 PSF (30 PSF @ SLEEPING AREAS) DEAD = 10 PSF (I-JOISTS & SOLID SAWN) IO PSF T.C., 5 PSF B.C. (TRUSSES)

LATERAL 120 MPH, EXPOSURE B. SEISMIC A/B.

2,000 PSF ASSUMED ALLOWABLE BEARING PRESSURE (TO BE VERIFIED BY BUILDER)

GENERAL FRAMING

ALL TYP. NAIL FASTENER REQUIREMENTS ARE NOTED IN STANDARD CONNECTIONS TABLE OR ON PLANS. ALL NAILS SPECIFIED ARE MIN DIAMETER AND LENGTH REQUIRED FOR CONNECTION ALL HANGER NAILS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS FOR MAX CHARTED CAPACITY. NOTE: HANGERS USE COMMON NAIL DIAMETERS NOT TYPICAL FRAMING GUN NAILS.

REFER TO FASTENING SCHEDULE TABLE R602.3(1) FOR ALL CONNECTIONS, TYP, U.N.O.

EXT. & INT. BRG WALLS SHALL BE 2x4 OR 2x6 (AS SHOWN ON PLANS) • 16" O.C. SPF OR SYP "STUD" GRADE LUMBER, OR BETTER, UN.O. WALLS OVER 12' TALL SHALL BE PER PLAN.

ALL HEADERS BEAMS & OTHER STRUCTURAL MEMBERS SHALL BE SPRUCE-PINE-FIR #2 (SPF) OR SOUTHERN PINE #2 (SYP) LUMBER, OR BETTER (KII N-DRIED). ALL HEADERS HAVE BEEN DESIGNED BASED ON CALCULATED LOADS & SIZED ACCORDINGLY. CODE TABLES HAVE NOT BEEN USED.

ALL NON-BEARING INTERIOR STUD WALLS SHALL BE CONSTRUCTED WITH 2x 'STUD' GRADE MEMBERS SPACED ● 16" O.C. (MAX., UN.O.)

• HEADERS IN NON-LOAD BEARING WALLS SHALL BE:

(1)2x4/6 FLAT @ OPENINGS UP TO 4', (2)2x4/6 FLAT UP TO 8'.

ALL FRAMING LUMBER SHALL BE DRIED TO 15% MC (KD-15). ENGINEERED LUMBER BEAMS TO MEET OR EXCEED THE FOLLOWING:

 'LSL' - Fb=2325 psi; Fv=310 psi; E=155x10^6 psi LVL' - Fb=2600 psi: Fv=285 psi: E=2.0xl0^6 psi

- FB=2900 PSI; FV=290 PSI; E=2.0XI0^6 PSI M+K SHALL BE FULLY INDEMNIFIED FOR ANY AND ALL ISSUES RESULTING FROM OR RELATED TO ANY BUILDING COMPONENT IF THE OWNER DOES NOT SUBMIT THE COMPONENT SHOP DRAWINGS TO MH FOR STRUCTURAL REVIEW PRIOR TO FABRICATION DELIVERY, OR INSTALL ATION

FOR 2 & 3 PLY BEAMS OF EQUAL WIDTH, FASTEN PLIES TOGETHER WITH 3 ROWS OF 3"x0.120" NAILS @ 6" O/C OR 2 ROWS ¼"x3½" SIMPSON SDS SCREWS (OR 31/3" TRUSSLOK SCREWS) @ 16" O/C. USE A MINIMUM OF 3 ROWS FOR BEAM DEPTHS OF 14" OR GREATER APPLY FASTENING AT BOTH FACES FOR 3-PLY CONDITION. LOCATE TOP & BOTTOM NAILS/SCREWS 2" FROM EDGE. SOLID 3½" OR 5½" BEAMS ARE ACCEPTABLE, USE 2 ROWS OF NAILS FOR 2x6 \$ 2x8 MEMBERS

FOR 4 PLY BEAMS OF EQUAL WIDTH, FASTEN PLIES TOGETHER WITH 3 ROWS OF 1/4"x6" SIMPSON SDS SCREWS (OR 6 3/4" TRUSSLOK SCREWS) @ 16" O/C. LISE A MINIMUM OF 4 ROWS FOR BEAM DEPTHS OF 14" OR GREATER. APPLY FASTENING AT BOTH FACES (ONE SIDE ONLY FOR TRUSSLOK SCREWS). LOCATE TOP AND BOTTOM SCREWS 2" FROM EDGE, A SOLID 7" BEAM IS ACCEPTABLE.

ALL HEADERS SHALL BE SUPPORTED BY (1)2x JACK STUD & (1)2x

- THE NUMBER OF STUDS SPECIFIED AT A SUPPORT INDICATES THE NUMBER OF JACK STUDS REQUIRED, U.N.O., ALL MULTI-PLY STUDS TO BE FASTENED TOGETHER W/ 3"X0.131"

NAILS @ 24" O.C. (MIN.), EACH PLY. PROVIDE SOLID BLOCKING IN FLOOR SYSTEM UNDER ALL POSTS CONTINUOUS TO FND/BEARING, BLOCKING TO MATCH POST ABOVE

FASTEN 2x WOOD PLATES TO TOP FLANGE OF STEEL BEAMS WITH P.A.F.'s ('HILTI' X-CF PINS OR EQUAL) • 16" O.C. STAGGERED, OR 1/2" DIA, BOLTS @ 48" O.C. STAGGERED.

3"x0120" NAII S

(3) TOENAILS*

(3) TOENAILS*

NAILS @ 16" O.C.

NAILS 0 16" 0.0

(3) NAILS @ 4" O.C.

OFNAILS @ 6" OC

(II) NAILS IN LAPPED AREA (2) NAILS

ALL EXTERIOR 4x4 WOOD POSTS SHALL HAVE SIMPSON BCS2-2/4 CAP & ABW44Z BASE, U.N.O.

FLOOR FRAMING

I-JOISTS/TRUSSES SHALL BE DESIGNED BY MANUF. TO MEET OR EXCEED L/480 LIVE LOAD DEFLECTION CRITERIA. (EXCLUDES MARBLE FLOORS - CONTACT MIKE FOR MARBLE FLOOR DESIGNS)

• AT I-JOIST FLOORS, PROVIDE I 1/8" MIN. OSB RIM BOARD.

* METAL HANGERS SHALL BE SPECIFIED BY MANUFACTURER, U.N.O.

FLOOR SHEATHING SHALL BE 23/32" A.P.A. RATED 'STURD-I-FLOOR 24" O.C. EXPOSURE I (OR APPROVED EQUAL) WITH TONGLE AND

GROOVE EDGES. FASTEN TO FRAMING MEMBERS W GLUE AND - 2 j" x 0,131" NAILS @ 6"o.c. @ PANEL EDGES & @ 12"o.c. FIELD.

- 2 3 × 0.120" NAILS • 4" O.C. • PANEL EDGES \$ • 8" O.C. FIELD. - 2 3" x 0.113" NAILS @ 3" O.C. @ PANEL EDGES & @ 6" O.C. IN FIELD

#6 x 2" MIN. SCREMS @ 6" O.C. @ PANEL EDGES \$ @ 12" O.C. FIELD

ROOF FRAMING

* BAY WINDOWS & SHED ROOFS (UP TO 6' SPAN) CAN BE 2x4 OR 2x6 RAFTERS & CEILING JOISTS @ 16/24" O.C.

FASTEN FACH ROOF TRUSS TO TOP PLATE W/ SIMPSON H2.5T CLIP (OR APPROVED EQUAL) • ALL BEARING POINTS. PROVIDE (2) H2.5T CLIPS AT 2-PLY GIRDER TRUSSES (3) H25T CLIPS AT 3-PLY GIRDER TRUSSES & ROOF BEAMS - AT ALL BEARING POINTS

METAL HANGERS SHALL BE SPECIFIED BY THE MANUFACTURER, U.N.

* ERECT AND INSTALL ROOF TRUSSES PER WTCA & TPI'S BCSI I-08 "GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING & BRACING OF METAL PLATE CONNECTED WOOD TRUSSES."

SUPPORT PORCH & SHORT SPAN ROOF TRUSSES (MAX 7' SPAN) W 2x4 LEDGER EASTENED TO:

- RIM BOARD w/ (2) 3"x0.131" NAILS @ 16" O.C. MAX. (1-JOISTS) TRUSS VERTICALS w/ (3) 3"x0.131" NAILS @ 19.2" O.C. MAX. (FLOOR TRUSSES)

• ROOF SHEATHING SHALL BE 7/16" A.P.A. RATED SHEATHING 24/16 EXPOSURE I (OR APPROVED EQUAL). FASTEN TO FRAMING MEMBERS

- W/ 2 ½" x 0.131" NAILS • 6"O.C. • PANEL EDGES \$ • 12" O.C. FIELD. × 0.120" NAILS @ 4"o.c. @ PANEL EDGES \$ @ 8" O.C. FIELD.

- W 2 8 × 0.113" NAILS • 3"0c. • PANEL EDGES \$ • 6" O.C. FIELD.

HOLD-DOWN SCHEDULE

5YMB0L	SPECIFICATION		
₩D-Ī	SIMPSON HTT4 HOLD-DOWN *		
► HD-2	SIMPSON MSTC66 STRAP TIE (CENTER STRAP ON FLOOR SYSTEM UN.O.) (PRE-BENT MSTC66 ALT. WHEN SPECIFIED)		
→ HD-3	SIMPSON STHD14/14RJ HOLD-DOWN		

ALTERNATIVE TO SSTB24 ANCHOR BOLT SPECIFICATION: UTILIZE SIMPSON "SET" EPOXY SYSTEM TO FASTEN %" DIA. THREADED ROD INTO CONCRETE FOUNDATION. PROVIDE 12" MIN. EMBEDMENT INTO CONCRETE. INSTALL PER MANUF. RECOMMENDATIONS. DO NOT LOCATE ANCHORS WITHIN I 3/4" OF EDGE OF FOUNDATION

LEGEND

• IIIIIII INTERIOR BEARING WALL

□□□□□□ BEARING WALL ABOVE

• ---- BEAM / HEADER

• = = INDICATES SHEAR WALL & EXTENT

EXTENT OF OVERFRAMING

JL METAL HANGER

INDICATES POST ABOVE, PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

REFER TO SCHEDULE

NON-BEARING HEADER SCHEDULE

SPAN	2x4 NON-BEARING PARTITION WALL	2x6 Non-Bearing Partition Wall
UP TO 3'-0"	(I)2x4 FLAT	(I)2x6 FLAT
UP TO 6'-0"	(2)2x4	(3)2x4
UP TO 8'-0"	(2)2x6	(3)2x6

NOTES:

 ALL NON-BEARING INTERIOR STUD WALLS SHALL BE CONSTRUCTED WITH 2x 'STUD' GRADE MEMBERS SPACED @ 24" O.C. (MAX.)

LATERAL BRACING & SHEAR MALL SHEATHING SPECIFICATIONS

THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM:

20 MPH WIND IN 2018 NCSBC:RC (120 MPH WIND SPEED IN ASCE 7-10 WIND MAP, PER IRC R301.21.1) EXP. B. RISK CAT. 2 & SEISMIC CAT. A/B

THE DESIGN WAS COMPLETED PER 2015 IBC (SECTION 1609) & ASCE 7-10, AS PERMITTED BY R30113 OF THE 2018 NOSBO-RC OR THE SIMPLIFIED PRESCRIPTIVE PROCEDURE IN ACCORDANCE WITH THE 2015 IRC IF THE PARAMETERS OF SECTION R602.12 COMPLY CCORDINGLY, THIS MODEL, AS DOCUMENTED AND DETAILED HEREWITHIN, IS ADEQUATE TO RESIST THE CODE REQUIRED LATERAL FORCES.

DESIGN WIND UPLIFT LOADS HAVE BEEN CALCULATED UTILIZING ASCE 7-10 (ACCEPTED ENGINEERING PRACTICE) AS ALLOWED PER 2018 NCSBC:RC SECTION R802.II.I. THIS MODEL HAS BEEN DETAILED WHERE REQUIRED & ENGINEERED TO RESIST THE WIND UPLIFT LOAD PATH PER SECTIONS R602.3.5 R802.II.

EXT. WALL SHEATHING SPECIFICATION

7/16" OSB OR 15/32" PLYWOOD: FASTEN SHEATHING W/ 2 % "XO.II3" NAILS @ 6" O.C. AT EDGES & @ 12" O.C. IN THE PANEL FIELD. TYP, U.N.O.

HORIZONTAL BLOCKING OF EXT. WALL/SHEAR WALL PANEL EDGES IS NOT REQUIRED BY THIS DESIGN EXCEPT FOR THOSE AREAS SPECIFICALLY NOTED.

ALL EXT. WALLS SHALL BE CONTINUOUSLY SHEATHED AND ARE CONSIDERED SHEAR WALLS.

ALT. STAPLE CONNECTION SPEC: 1 1/2" 16 GA STAPLES (1/6" CROWN) @ 3" O.C. AT EDGES & @ 6" O.C IN FIELD

BLOCKED PANEL EDGES

AT DESIGNATED AREAS - FASTEN SHEATHING w/ 2 3/8" x 0.JI3" NAILS @ 6" O.C. AT ALL PANEL EDGES AND 12" O.C. IN THE PANEL FIELD OR 1 3/4" 16 GA STAPLES (1/6" CROWN) ● 3" O.C. AT EDGES & ● 6 O.C. IN FIELD. ALL SHEATHING PANELS SHALL BE ORIENTED AND INSTALLED FULL HEIGHT OF SHEAR WALL OR 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT ALL UNSUPPORTED PANEL EDGES & EDGE FASTENING.

3" O.C. EDGE NAILING

AT DESIGNATED AREAS - FASTEN PANEL EDGES OF WOOD STRUCTURAL WALL SHEATHING TO FRAMING W 8d NAILS @ 3" O.C. NO STAPLE ALTERNATIVE AVAILABLE AT THIS SPEC. ALL SHEATHING PANELS SHALL BE ORIENTED AND INSTALLED FULL HEIGHT SHALL BE PROVIDED TO SUPPORT UNSUPPORTED PANEL EDGES AND 3" O.C. EDGE FASTENING.

NOTES

SEE CONNECTION SPECIFICATIONS CHART FOR STANDARD SHEAR TRANSFER DETAILING, IF ADDITIONAL CAPACITY IS REQUIRED BY DESIGN, IT WILL BE SPECIFICALLY NOTED ON PLAN.

* DESIGN ASSUMES 16" O.C MAX. STUD SPACING, U.N.O. * ALL STRUCTURAL PANELS ARE TO BE DIRECTLY APPLIED TO STUD FRAMING.

PRE-MANUFACTURED PANELIZED WALLS: FASTEN TOGETHER END STUDS OF WALL PANELS SHEATHED W/ OSB OR PLYWOOD W/ 3" x 0.120" NAILS @ 4" O.C. (THRU ONE SIDE ONLY)

INDICATES EXTENT OF INT. OSB SHEARWALL OR 3" O.C. OSB SHEARWALL. ▶ INDICATES HOLDOWN BELOW

MEANS & METHODS NOTES

THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS FINISHED AND ALL PLAN, DETAIL, AND NOTE SPECIFICATIONS HAVE BEEN COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURES AND SEQUENCE TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING CONSTRUCTION. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS, AND TIE-DOWNS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING AND BRACING REQUIRED TO STABILIZE AND PROTECT EXISTING AND ADJACENT STRUCTURES AND SYSTEMS DURING COURSE OF DEMOLITION AND CONSTRUCTION OF THE PROJECT.

STRUCTURAL DESIGN AND SPECIFICATIONS ASSUME THAT ALL SUPPORTING AND NON-SUPPORTING FLEMEN IN CONTACT WITH FLOOR FRAMING ARE LEVEL, INCLUDING, BUT NOT LIMITED TO: FOUNDATIONS, SLABS ON GRADE, BEAMS, WALLS, AND NON-BEARING ELEMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIEY LEVELNESS AND MAKE AD JUSTMENTS AS NECESSARY, INCLUDING CONSIDERATION OF THOSE AREAS THAT MAY BE WITHIN CONTRACTUAL, INDUSTR' OR WARRANTY TOLERANCES.

ADDITIONAL NOTES FOR TRUSS & I-JOIST MANUFACTURER

ROOF TRUSS, FLOOR TRUSS AND ENGINEERED JOISTS SHALL BE DESIGNED TO MEET THE DIFFERENTIAL DEFLECTION CRITERIA BELOW, UNLESS NOTED OTHERWISE ON PLAN.

TRUGGES/ MISTS SHALL BE DESIGNED SO THAT DIFFERENTIAL DEFLECTION BETWEEN ADJACENT PARALLEL TRUSSES/JOISTS OR GIRDER TRUSSES/FLUSH BEAMS DO NOT EXCEED THE FOLLOWING:

A. ROOF TRUSSES: I/4" DEAD LOAD

FLOOR TRUSSES, ATTIC TRUSSES, & I-JOISTS: I/8" DEAD LOAD

FLOOR TRUSSES & ATTIC TRUSSES ADJACENT TO FLOOR FRAMING BY OTHERS: LIMIT ABSOLUTE TRUSS DEFLECTION TO 3/16" DEAD LOAD. (NOT DIFFERENTIAL DEFLECTION)

VENEER LINTEL SCHEDULE

SPAN (MAX)	HEIGHT OF VENEER ABOVE LINTEL	STEEL ANGLE SIZE
3'-0"	20 FT. MAX	L3"x3"x¼"
	3 FT. MAX	L3"x3"x/4"
6'-0"	I2 FT. MAX	L4"x3"x/4"
	20 FT. MAX	L5'x3½'x¾'
8'-0"	3 FT. MAX	L4'x4'y/\" •
8'-O"	I2 FT. MAX	L5'x3½'x¾'
	I6 FT. MAX	L6"x3½"x¾"
9'-6"	I2 FT. MAX	L6"x3½"x%;"
16'-0"	2 FT. MAX	L7"x4"x½" **
	3 FT. MAX	L8"x4"x½" **

LL LINIELS **SMALL SHPORT 2 %* - 3 ½* VENEER W 40 pot MAXIMIM MEIGHT 16' SHALL HAVE 8" MIN BEARING 16' SHALL NOT BE FASTENED BACK TO HEADER.

IF SHALL NOT BE PASSIBLED BACK TO HEADER IN WALL SHOWCAN IS DIA. 3 5/5 WHALL BE FASSIBLED BACK TO MODO HEADER IN WALL SHOWCAN IS DIA. 3 5/5 WAY VINDER HE APPLIED TO ANY PORTICAL OF FROCK OVER THE OFFENNOW ANY VINDER HE APPLIED TO ANY PORTICAL OF FROCK OVER THE OFFENNOW HEND HE PASSIBLED TO ANY PORTICAL HE WAS USED TO ANY THE SHITSFORT FOR OF THE HORIZONTIAL LEG WAY BE OUT IN THE FILE OVER THE PASSIBLE BEARNING LEGHT OUT, THIS SHOW IS ANY THE PASSIBLE OFFEN ANY LITTLE SHOW THE SHIP OF THE SHITS OF THE PASSIBLE DIA THE SHIP OF THE SHOWS IN THE SHIP OF TH

FOR SUPEN VENEER USE L4x3%," FOR 34," VENEER ONLY SEE FILAN FOR VENEER SUPPORT IF VENEER < 34," THICK.

126-2304 rawn bv: JAI sue date: 05-06-24

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FVISIONS initial:

ENGINEERED BEAM MATERIAL SCHEDULE

SD2.I REFERS TO SD2.IA FOR

LVL/PSL/LSL BEAMS OR SD2.IB

FOR FLITCH BEAMS OR SD2.IC

FOR STEEL BEAMS

BEAM NUMBER	LVL OPTION	PSL OPTION	LSL OPTION	FLITCH OPTION	STEEL OPTION
001	(2)134"×914" - H	3½"xq¼" - H	(2)134"×915" - F	(2)2xl0 + (l)以"xli以" STEEL FLITCH PLATE - H	N/A
002	(2)134"×14" - F	3½"xi4" - F	(3)13/4"×14" - F	(2)2xl2 + (l) %"xl以" 5TEEL FLITCH PLATES - F	WI2xI4
003	(3)13/4"x18" - FT	51/4"xl8" - FT	N/A	(3)2xl2 + (2) %"xl以" STEEL FLITCH PLATES - F	WI2x26 - F
004	N/A	N/A	N/A	N/A	N/A
005	(2)13¼"×14" - F	3½"xl4" - F	(2)13¼"×14" - F	(2)2xl0 + (l)以"xll以" STEEL FLITCH PLATE - F	N/A
006	(2)194"×14" - F	3½"xi4" - F	N/A	(2)2x12 + (1) %"x114" STEEL FLITCH PLATES - F	NA
001	(3)13/4"×14" - F	5¼"xi4" - F	(4)13/4"×14" - F	(3)2x12 + (2) ¼"x1¼" STEEL FLITCH PLATES - F	WI2xI4 - F
000	(2)1%"x14" - F	3½"xi4" - F	(3)13/4"×14" - F	(2)2x12 + (1) %"x114" STEEL FLITCH PLATES - F	WI2xI4 - F
004	(2)134"×14" - F	3½"xl4" - F	N/A	N/A	N/A
010	(2)13/4"×9/4" - H	3½"×9¼" - H	(2)154"x91/2" - H	(2)2x10 + (1) ¼"x11¼" STEEL FLITCH PLATE - H	N/A
OII	(2)134"x914" - H	3½"x9¼" - H	(2)134"x915" - H	(2)2xl0 + (1)以"xll以" STEEL FLITCH PLATE - H	WA
012	(2)19%"×14" - H	3½"x14" - H	N/A	N/A	WA
013	(3)134"x94" - H	3½"x7¼" - H	NA	N/A	WA
014	(3)1¾"x16" - FB	5¼"xl6" - FB	NA	N/A	N/A
015	(2)134"×14" - F	3½"x14" - F	(2)134"×14" - F	N/A	N/A
016	(3)1¾"×18" - FT	5¼"xl8" - FT	N/A	N/A	N/A
017	(2)134"×14" - F	3½"x14" - F	(2)134"×14" - F	N/A	N/A
018	(3)134"x114" - D	5¼"xII¼" - D	(3)1¾"x1¼" - D	N/A	WA
Old	(4)1¾"×14" - F	7"x 4" - F	NA	N/A	N/A
020	(2)134"×14" - F	3½"x14" - F	(2)134"×14" - F	N/A	WA

BEAM NOTATION:

'F" INDICATES FLUSH BEAM "D" INDICATES DROPPED BEAM

- "FT" INDICATES FLUSH TOP BEAM - "FB" INDICATES FLUSH BOTTOM BEAM

- "H" INDICATES DROPPED OPENING HEADER

REFER TO DETAIL D/SD2.0 FOR TYPICAL FLITCH BEAM CONNECTIONS
REFER TO DETAIL D/SD2.0 FOR TYPICAL STEEL BEAM CONNECTIONS

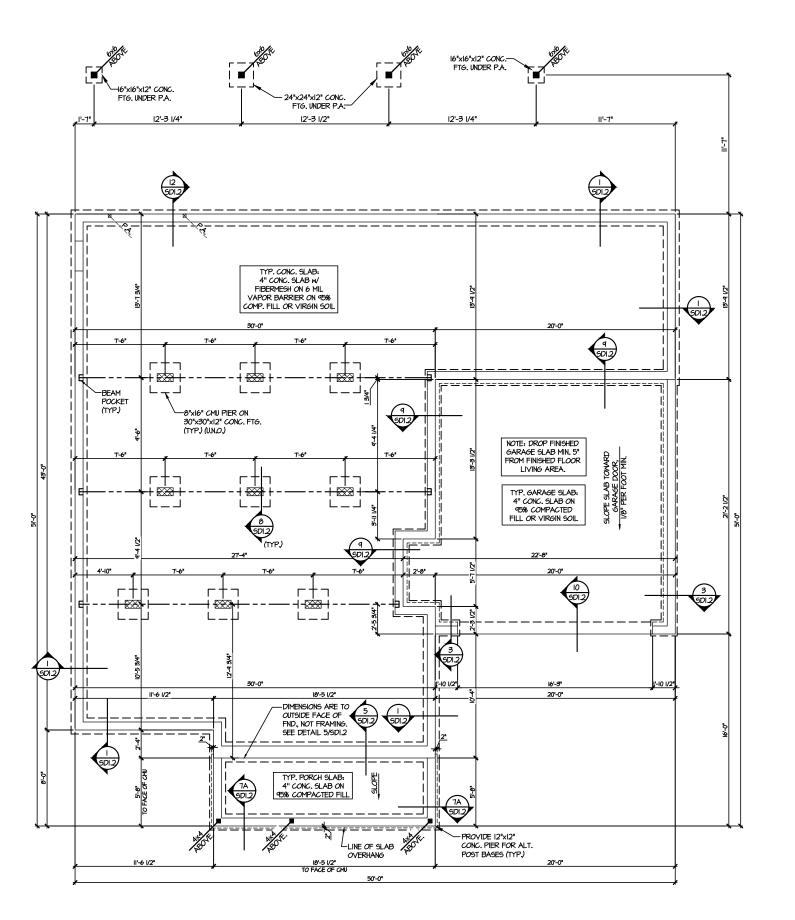
FOR FLUSH TOP BEAMS PROVIDE 2X STACKED PLATES BENEATH BEAM AS REQ'D. FASTEN

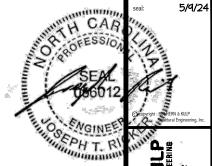
FOR FLUSH BOTTOM BEAMS PROVIDE 2x STACKED PLATES ATOP BEAM AS REQ'D, FASTEN PLATES IN SUCCESSION w/ (2) 3"x0,120" NAILS @ 8" O.C.

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MULHERN+KULP RESIDENTIAL STRUCTURAL ENSINEERING 300 Decision Am Building 44 - Ambur, PA 19802 p-715-90-6-8011 - maller maller page Y

M&K project number: 126-2304

drawn by: JAC issue date: 05-06-24

initial:

PLANS

HONEYCUTT HILLS Lot 31 - Townsend 1 Raleigh, nc OUNDATION

S1.0

REFER TO SO.O FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

INDICATES HOLD-DOWN OR STRAP. REFER TO SCHEDULE.

LEGEND

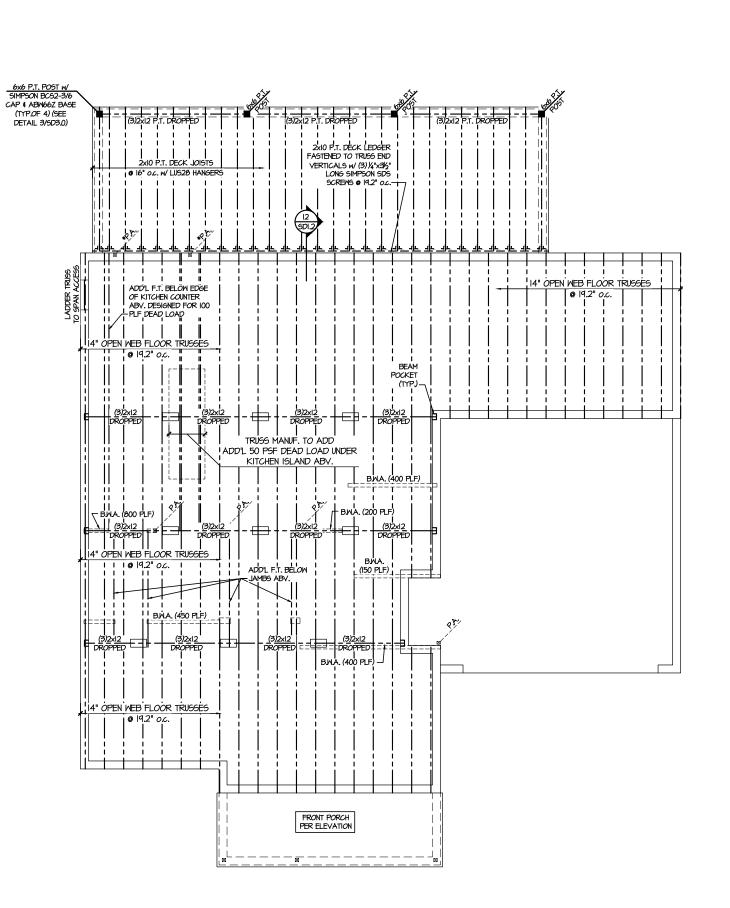
• = = INDICATES SHEAR WALL & EXTENT • EXTENT OF OVERFRAMING

* INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

• IIIIII INTERIOR BEARING WALL ● □===□ BEARING WALL ABOVE

• --- BEAM / HEADER

JL METAL HANGER



5/9/24 H CAR SEPH T. R

MULHERN+KULP RESIDENTIAL STRUCTURAL ENSINEERING 300 Decision Am Building 44 - Ambur, PA 19802 p-715-90-6-8011 - maller maller page

Y

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LEGEND

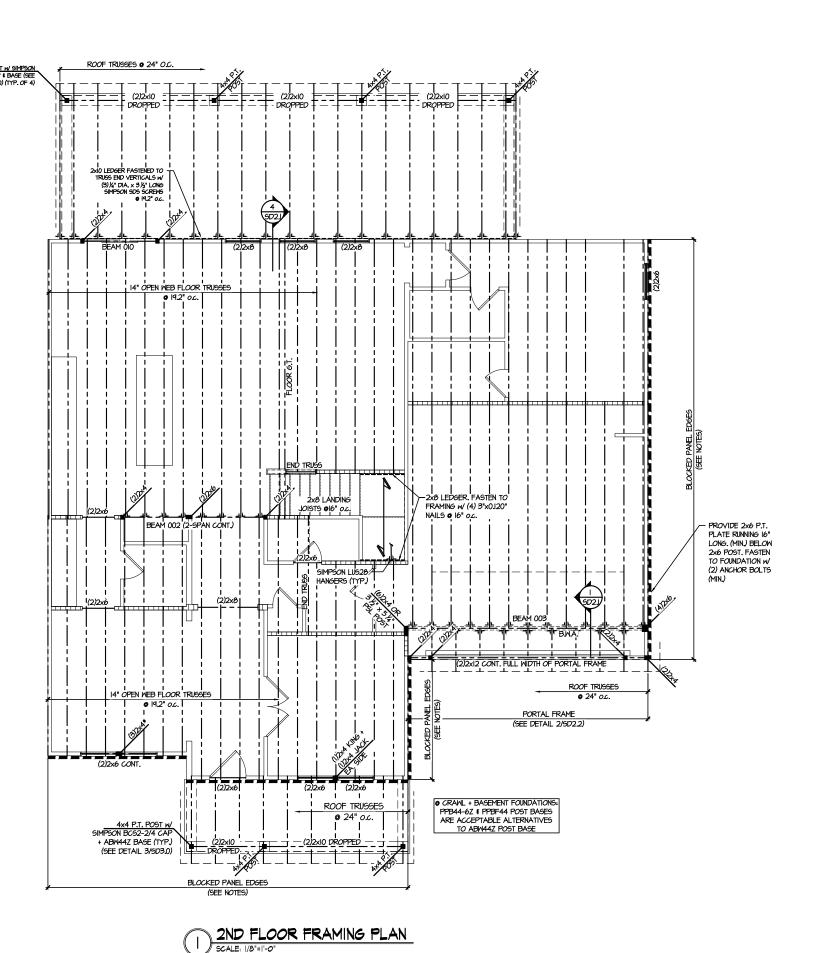
- INTERIOR BEARING WALL
- □===□ BEARING WALL ABOVE
- ---- BEAM / HEADER
- ■ INDICATES SHEAR WALL & EXTENT
- EXTENT OF OVERFRAMING
- JL METAL HANGER
- * INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.
- INDICATES HOLD-DOWN OR STRAP. REFER TO SCHEDULE.

REFER TO SO.O FOR TYPICAL STRUCTURAL NOTES \$ SCHEDULES

IST FLOOR FRAMING PLAN

OOR

HONEYCUTT HILL Lot 31 - Townsend 1 Raleigh, nc



CAR ENGINE EPH T. R

SD2.I REFERS TO SD2.IA FOR LVL/PSL/LSL BEAMS OR SD2.IB FOR FLITCH BEAMS OR SD2.IC FOR STEEL BEAMS

REFER TO SO.O FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

LEGEND

- INTERIOR BEARING WALL
- □===□ BEARING WALL ABOVE
- ---- BEAM / HEADER
- = = INDICATES SHEAR WALL & EXTENT
- EXTENT OF OVERFRAMING
- JL METAL HANGER
- * INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.
- INDICATES HOLD-DOWN OR STRAP.
 REFER TO SCHEDULE.

ENGINEERED BEAM MATERIAL SCHEDULE

BEAM NUMBER	LVL OPTION	PSL OPTION	LSL OPTION	FLITCH OPTION	STEEL OPTION
001	(2)134"x94" - H	3½"x9¼" - H	(2)13%"×9½" - F	(2)2xi0 + (i) ¼"xil¼" STEEL FLITCH PLATE - H	N/A
002	(2)19/4"×14" - F	3½"x 4" - F	(3)194"×14" - F	(2)2xl2 + (l) %"xl以" STEEL FLITCH PLATES - F	WI2xI4
003	(3)1¾"x18" - FT	5¼"xið" - FT	N/A	(3)2xi2 + (2) %"xilk" STEEL FLITCH PLATES - F	WI2x26 - F
004	N/A	N/A	N/A	N/A	N/A
005	(2)194"×14" - F	3½"xl4" - F	(2)194"×14" - F	(2)2xi0 + (i) ¼"xil¼" STEEL FLITCH PLATE - F	N/A
006	(2)194"×14" - F	3½"×14" - F	N/A	(2)2xi2 + (i) %"xi以" STEEL FLITCH PLATES - F	N/A
001	(3)1¾"x14" - F	5¼"xl4" - F	(4)194"×14" - F	(3)2xl2 + (2)以"xl以" STEEL FLITCH PLATES - F	WI2xI4 - F
000	(2)19/4"×14" - F	3½"x 4" - F	(3)194"×14" - F	(2)2xl2 + (l) %"xl以" STEEL FLITCH PLATES - F	WI2xI4 - F
004	(2)13/4"x14" - F	3½"xi4" - F	N/A	N/A	N/A
010	(2)134"×94" - H	3½"x9¼" - H	(2)13/4"×91/2" - H	(2)2xi0 + (i) ¼"xil¼" STEEL FLITCH PLATE - H	N/A
OII	(2)1¾"xq¼" - H	3½"x4¼" - H	(2)1¾"×9½" - H	(2)2xi0 + (1)¼"xil¼" STEEL FLITCH PLATE - H	N/A
012	(2)19/4"×14" - H	3½"x 4" - H	N/A	N/A	N/A
013	(3)1¾"×9¼" - H	3½"x7¼" - H	NA	N/A	N/A
014	(3)194"x16" - FB	5¼"xl6" - FB	NA	N/A	N/A
015	(2)1 ³ / ₄ "x14" - F	3½"xi4" - F	(2)13/4"×14" - F	N/A	N/A
016	(3)134"x18" - FT	5¼"xi8" - FT	NA	N/A	N/A
017	(2)194"×14" - F	3½"xi4" - F	(2)13/4"×14" - F	N/A	N/A
018	(3)1¾"x1¼" - D	5¼"xII¼" - D	(3)1¾"x1¼" - D	N/A	N/A
019	(4)13/4"×14" - F	7"xl4" - F	N/A	N/A	N/A
020	(2)13¼"x14" - F	3%"x 4" - F	(2)13/4"×14" - F	N/A	N/A

- BEAM NOTATION:

 "IF' INDICATES FLUSH BEAM

 "IFT' INDICATES FLUSH TOP BEAM

 "IFT' INDICATES FLUSH BOTTOM BEAM

 "ITD' INDICATES DEVISH BOTTOM BEAM

 "ITD' INDICATES DROPPED OFENING HEADER
 REFER TO DETAIL D'SD20 FOR TYPICAL FLITCH BEAM CONNECTIONS
 REFER TO DETAIL D'SD20 FOR TYPICAL FLITCH BEAM CONNECTIONS
 REFER TO DETAIL D'SD20 FOR TYPICAL STEEL BEAM CONNECTIONS
 FOR FLUSH TOP BEAM'S PROVIDE 2X STACKED PLATES BENEATH BEAM AS REQ'D. FASTEN
 PLATES IN SUCCESSION W (2) 3"X0120" NAILS @ 8" OC.
 FOR FLUSH BOTTOM BEAM'S PROVIDE 2X STACKED PLATES ATOP BEAM AS REQ'D. FASTEN
 PLATES IN GICCESSION W (2) 3"X0120" NAILS @ 8" OC.
- PLATES IN SUCCESSION W/ (2) 3"XO.120" NAILS . 8" O.C.

MULHERN+KUL
RESIDENTIAL STRUCTURAL ENGINEER
SUBMINISTA A. Bilding 1+ Author, PA 19902
p.715-64-6501 + authorisphose

5/9/24

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M&K project number: 126-2304

Irawn by: JAC issue date: 05-06-24

REVISIONS: initial:

S FRAMING

HONEYCUTT F Lot 31 - Townsend 1 Raleigh, nc OOR

S3.0

MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINERING
SERBuckets And Balding 4 - Anthe, PA 19902
p715-98-98-981 - antherchopson

Y

5/9/24

M&K project number: 126-23047

drawn by: JAC issue date: 05-06-24

initial:

FRAMING PLANS

LEGEND

• == INDICATES SHEAR WALL & EXTENT

* INDICATES POST ABOVE, PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

REFER TO SO.O FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

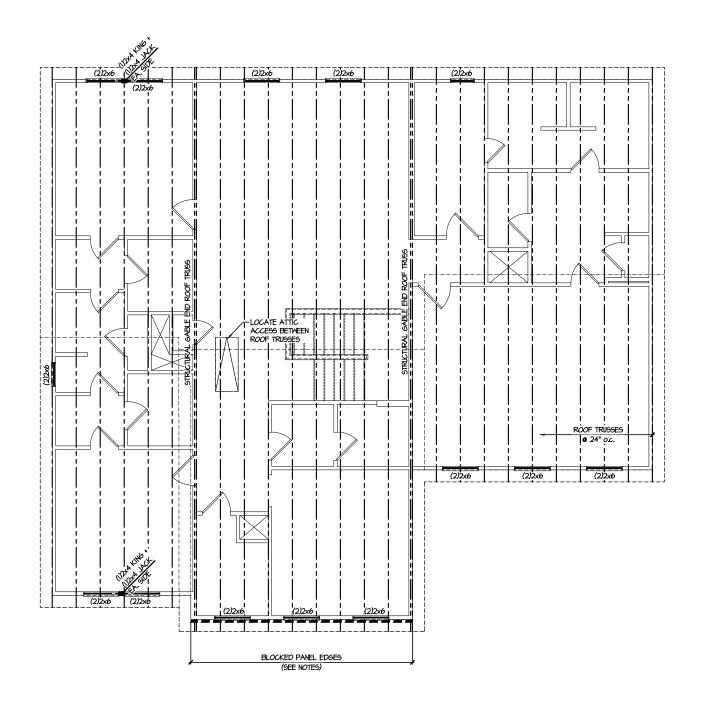
 INTERIOR BEARING WALL ● □===□ BEARING WALL ABOVE • — BEAM / HEADER

EXTENT OF OVERFRAMING

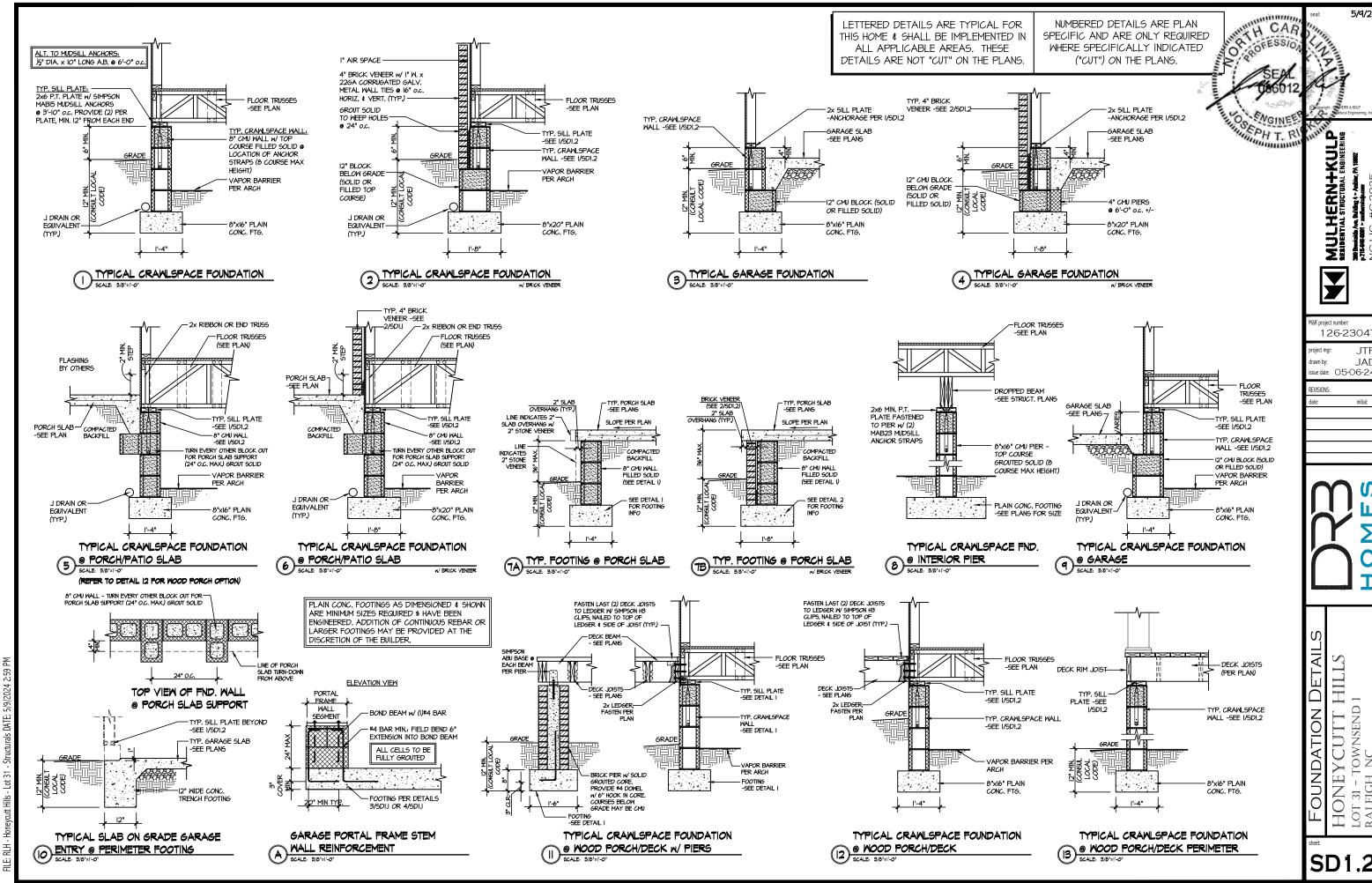
INDICATES HOLD-DOWN OR STRAP. REFER TO SCHEDULE.

JL METAL HANGER

HONEYCUTT HILLS Lot 31 - Townsend 1 Raleigh, nc ROOF



ROOF FRAMING PLAN SCALE: 1/8"=1"-0"

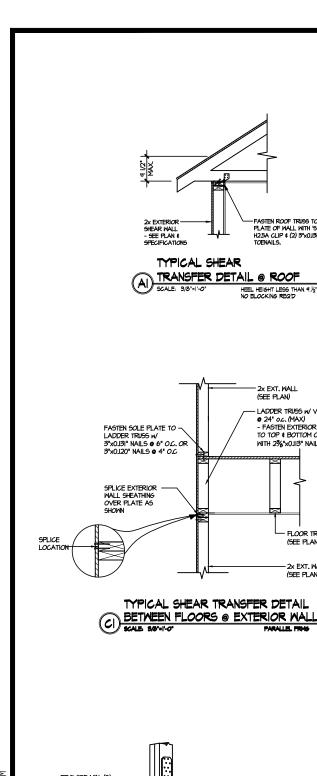


ONE LOT 31 -Raleigh

5/9/2

JAD

initial:





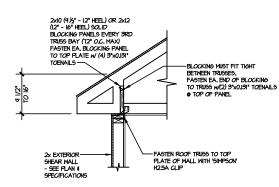
HEEL HEIGHT LESS THAN 9½" NO BLOCKING REQ'D

2x EXT, WALL

LADDER TRUSS W/ VERTICALS

- FASTEN EXTERIOR SHEATHING
TO TOP & BOTTOM CHORDS

WITH 23/8"×0.113" NAILS @ 6" o.c.



TYPICAL SHEAR TRANSFER DETAIL @ ROOF HEEL HEIGHT BETWEEN 4½" - I6" BLOCKING REQ'D

-2x EXT, WALL

- FLOOR TRUSSES

(SEE PLAN)

TYPICAL SHEAR TRANSFER DETAIL

BETWEEN FLOORS @ EXTERIOR WALL
SCALE 3/0"-11-0"
FEDERALIZATION

SHEATHING SPLICE OR

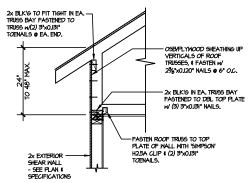
BOTTOM OF SOLE

SPLICE EXTERIOR

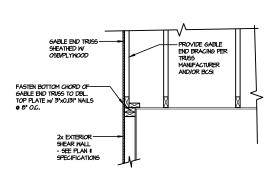
WALL SHEATHING OVER PLATE AS

FASTEN SOLE PLATE TO

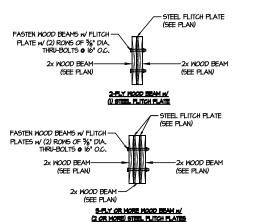
3"x0.131" NAILS @ 6" O.C. OR 3"x0.120" NAILS @ 4" O.C



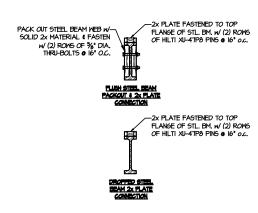




TYPICAL GABLE END DETAIL SCALE: 9/8'=1'-0'



TYPICAL FLITCH BEAM CONNECTION DETAIL



5/9/24

MULHERN+KU

M&K project number:

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DETAILS

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126-2304

issue date: 05-06-24

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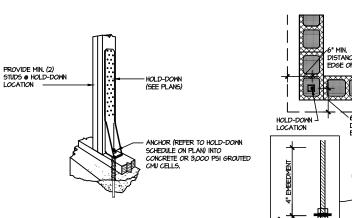
initial:

TH CAR

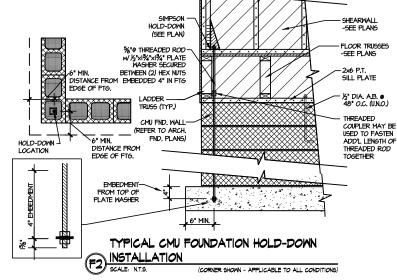
ENGINE

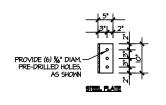
EPH T. R

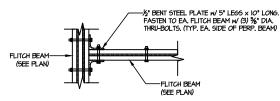
TYPICAL STEEL BEAM CONNECTION DETAIL SCALE 8/4*-1-0*











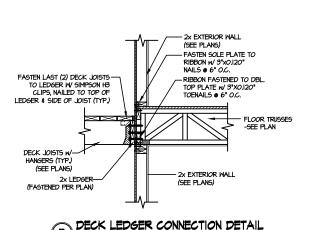
TYPICAL FLITCH BEAM TO FLITCH BEAM CONNECTION DETAIL

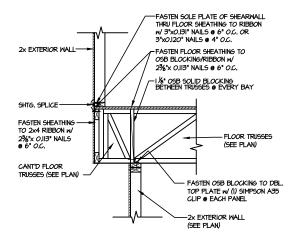
> THIS HOME & SHALL BE IMPLEMENTED IN ALL APPLICABLE AREAS. THESE DETAILS ARE NOT "CUT" ON THE PLANS.

NUMBERED DETAILS ARE PLAN SPECIFIC AND ARE ONLY REQUIRED WHERE SPECIFICALLY INDICATED ("CUT") ON THE PLANS.

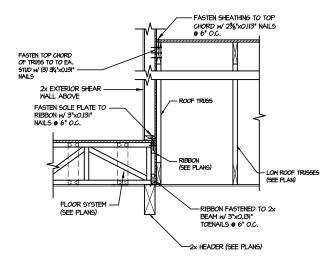
LETTERED DETAILS ARE TYPICAL FOR

SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE

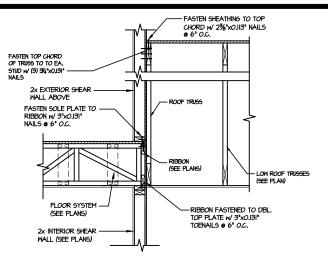




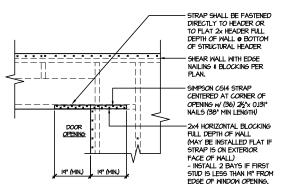
SHEAR TRANSFER DETAIL BETWEEN FLOORS @ CANT'D EXT. WALL



TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL

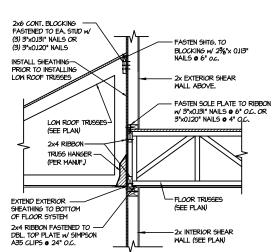


TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL

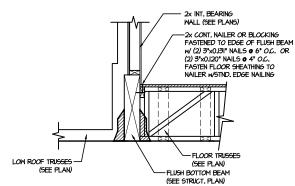


- STRAPS MAY BE INSTALLED ON EXTERIOR OR INTERIOR FACE OF WALL WHEN INSTALLED ON THE EXTERIOR FACE OF THE WALL, STRAPS TO BE INSTALLED ON EXTERIOR FACE OF SHTG. & MAY BE MOVED IS, FROM EDGE TO ALLON FOR DOOR NAILING
- REQUIRED ONLY @ OPENINGS WHERE SPECIFIED ON PLAN

TYPICAL EXT. WALL & INT. SHEARWALL OPENING ELEVATION
SCALE MTS



TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL



SHEAR TRANSFER DETAIL @ SCALE SHEARWALL ABOVE

5/9/24

MULHERN+KU

M&K project number:

łrawn by:

FVISIONS

126-2304

issue date: 05-06-24

JAC

initial:

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ENGINE

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'AILS H TOWNSEND 1 I, NC Ü RAMIN HONEY Lot 31 - To' Raleigh, N

SD2.1A

EXTERIOR SHEARWALL ABOVE SCALE SATISFO

FASTEN LAST (2) DECK JOISTS-

DECK JOISTS W HANGERS (TYP,

(SEE PLANS) 2x LEDGER

(FASTENED PER PLAN

TO LEDGER W/ SIMPSON H3

CLIPS NAILED TO TOP OF

- 2x Exterior Wall (SEE Plans)

NAILS @ 6" O.C.

TOENAILS @ 6" O.C.

(SEE PLANS)

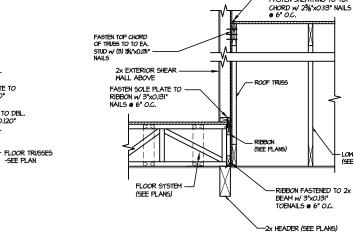
DECK LEDGER CONNECTION DETAIL

FASTEN SOLE PLATE TO RIBBON w/ 3"x0.120"

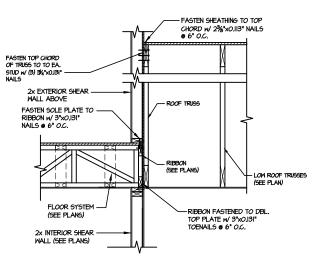
-RIBBON FASTENED TO DBL. TOP PLATE w/ 3"XO.120"

SHEAR TRANSFER DETAIL BETWEEN

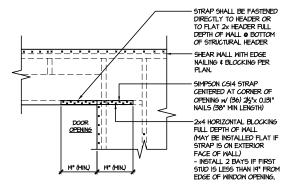
(2) FLOORS @ CANT'D EXT. WALL



BETWEEN FLOORS @ INTERIOR WALL

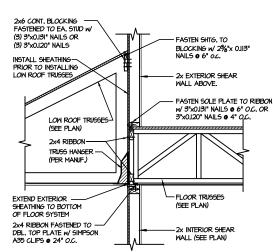


TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR MALL

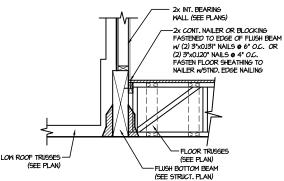


- STRAPS MAY BE INSTALLED ON EXTERIOR OR INTERIOR FACE OF WALL WHEN INSTALLED ON THE EXTERIOR FACE OF THE WALL, STRAPS TO BE
- INSTALLED ON EXTERIOR FACE OF SHTG. € MAY BE MOVED KY FROM EDGE TO ALLOW FOR DOOR NAILING REQUIRED ONLY ● OPENINGS WHERE SPECIFIED ON PLAN

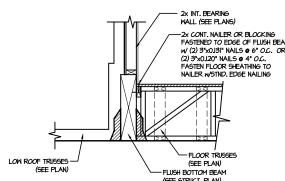
TYPICAL EXT. WALL & INT. SHEARWALL OPENING ELEVATION
SCALE MISS



TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL



SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE



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TOWNSEND 1 HONEY Lot 31 - To' Raleigh, N

5/9/24

MULHERN+KU

M&K project number: 126-2304

issue date: 05-06-24

JAC

initial:

rawn by:

FVISIONS

H CAR

OFESS/O

ENGINE

EPH T. R

SD2.1B

2x EXTERIOR WALL: FASTEN FLOOR SHEATHING TO OSB BLOCKING/RIBBON W/ 23/x 0.113" NAILS @ 6" O.C. — I 1/8" OSB SOLID BLOCKING BETWEEN TRUSSES ● EVERY BAY SHTG, SPLICE TO 2x4 RIBBON W/ 2%"x O.113" NAILS 6 6" O.C. (SEE PLAN) CANT'D FLOOR FASTEN OSB BLOCKING TO DBL. TOP PLATE w/ (I) SIMPSON A35

-FASTEN SOLE PLATE OF SHEARWALL THRU FLOOR SHEATHING TO RIBBON W/3"XO.131" NAILS @ 6" O.C. OR

3"x0.120" NAILS @ 4" O.C.

FASTEN SHEATHING TO TOP

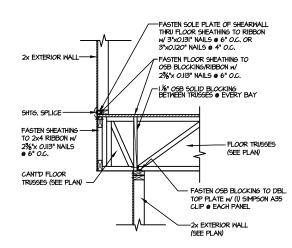
RIBBON FASTENED TO 2x

TYPICAL SHEAR TRANSFER DETAIL

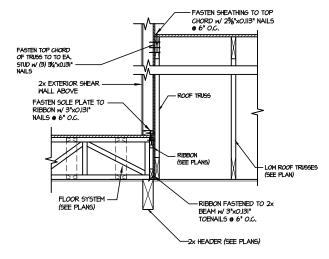
EXTERIOR SHEARWALL ABOVE

- 2x EXTERIOR WALL (SEE PLANS) FASTEN SOLE PLATE TO RIBBON w/ 3"x0.120" NAILS @ 6" O.C. FASTEN LAST (2) DECK JOISTS-TO LEDGER W SIMPSON H3 CLIPS, NAILED TO TOP OF RIBBON FASTENED TO DBL. TOP PLATE w/ 3"XO.120" LEDGER & SIDE OF JOIST (TYP.) FLOOR TRUSSES -SEE PLAN DECK JOISTS W (SEE PLANS) 2x EXTERIOR WALL 2v I FDGER (SEE PLANS)

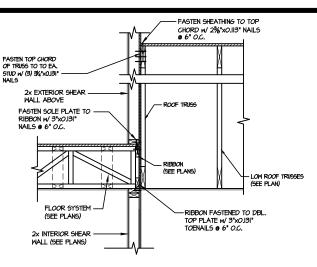
> DECK LEDGER CONNECTION DETAIL SCALE: 8/4"=1"-0



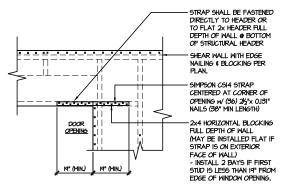
SHEAR TRANSFER DETAIL BETWEEN FLOORS @ CANT'D EXT. WALL



TYPICAL SHEAR TRANSFER DETAIL 6 BETWEEN FLOORS @ INTERIOR WALL

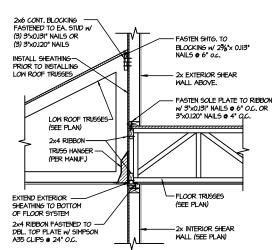


TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL



- STRAPS MAY BE INSTALLED ON EXTERIOR OR INTERIOR FACE OF WALL MEN INSTALLED ON THE EXTERIOR FACE OF THE WALL, STRAPS TO BE
 INSTALLED ON EXTERIOR FACE OF SHTG. & MAY BE MOVED IS," FROM
 EDGE TO ALLOM FOR DOOR MAILING
 REQUIRED ONLY @ OPENINGS WHERE SPECIFIED ON PLAN

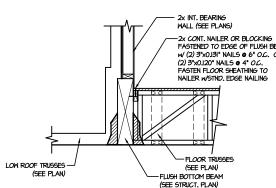
TYPICAL EXT. WALL & INT. SHEARMALL OPENING ELEVATION SCALE NTS



TYPICAL SHEAR TRANSFER DETAIL 4 BETWEEN FLOORS @ INTERIOR WALL

> WALL (SEE PLANS) -2x CONT. NAILER OR BLOCKING FASTENED TO EDGE OF FLUSH BEAM w/ (2) 3"x0.131" NAILS @ 6" O.C. OR (2) 3"x0,120" NAILS • 4" O.C. FASTEN FLOOR SHEATHING TO NAILER W/STND. EDGE NAILING FLOOR TRUSSES LOW ROOF TRUSSES -(SEE PLAN) (SEE PLAN) -FLUSH BOTTOM BEAM (SEE STRIKE PLAN

SHEAR TRANSFER DETAIL @ SCALE SHEARWALL ABOVE



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S AIL Ü HONEY Lot 31 - To' Raleigh, N

TOWNSEND 1

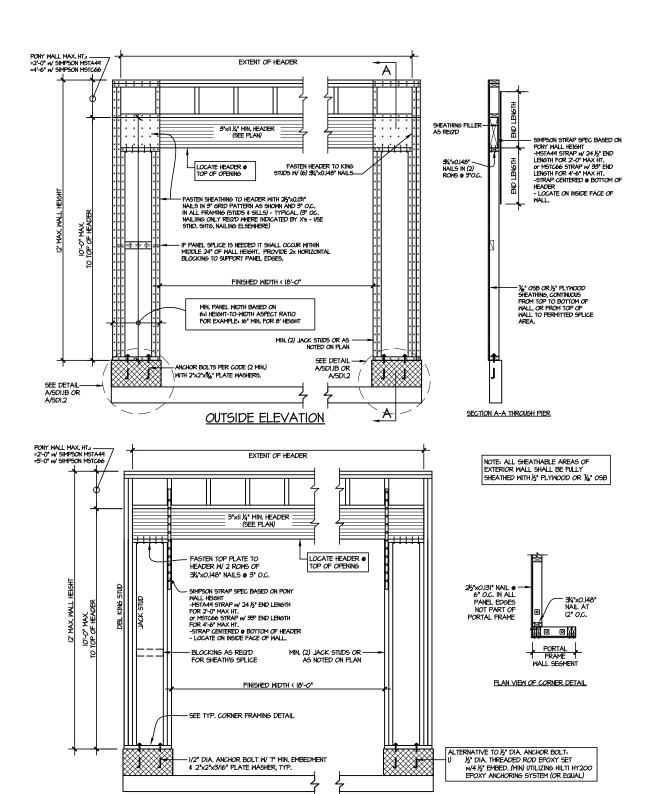
SD2.1C



5/9/24

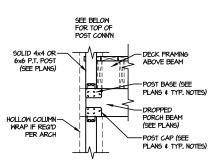
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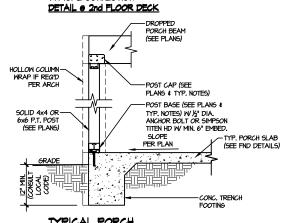


INSIDE ELEVATION TWO SIDED GARAGE PORTAL FRAME BRACING

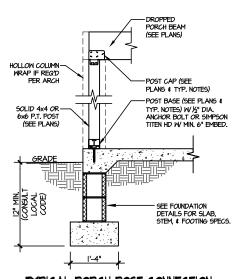
ELEVATION ON CMU STEM



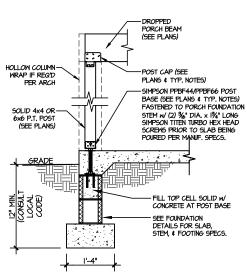
TYPICAL CONNECTION



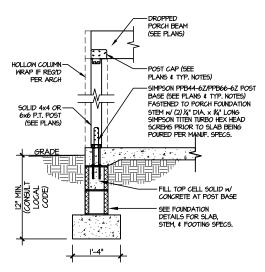
TYPICAL PORCH POST CONNECTION DETAIL
SCALE: NONE SLAB ON GRADE SHOWN (RAISED SLAB SIM.)



TYPICAL PORCH POST CONNECTION DETAIL INSTALLED AFTER SLAB POUR
SCALE: NONE CRANLSPACE FOINDATION



TYPICAL PORCH POST CONNECTION DETAIL INSTALLED PRIOR TO SLAB POUR
SCALE: NONE
CRAW SPACE ECHINDATIAN



TYPICAL PORCH POST CONNECTION B DETAIL INSTALLED PRIOR TO SLAB POUR CRAVLSPACE FOUNDATION

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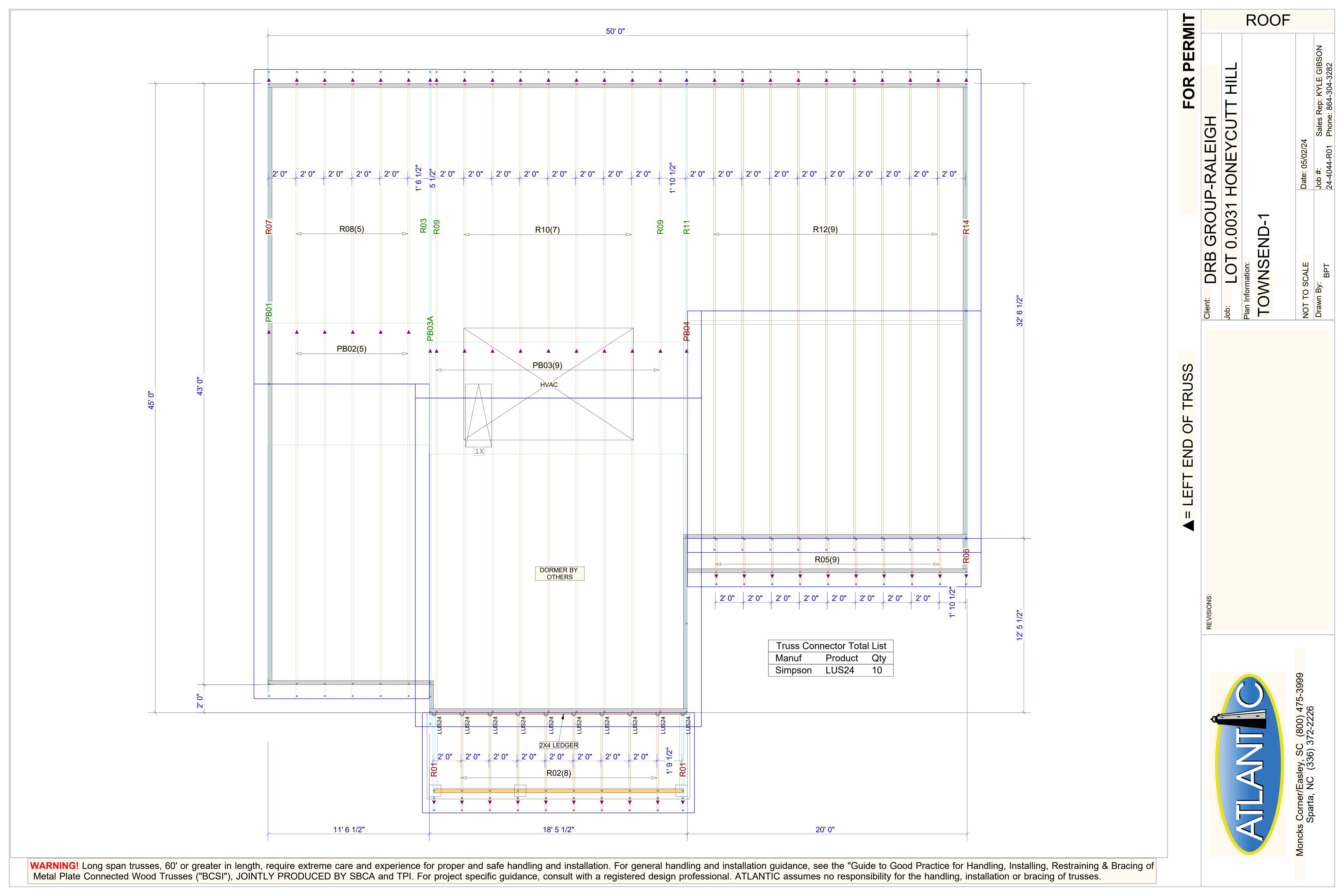
issue date: 05-06-24

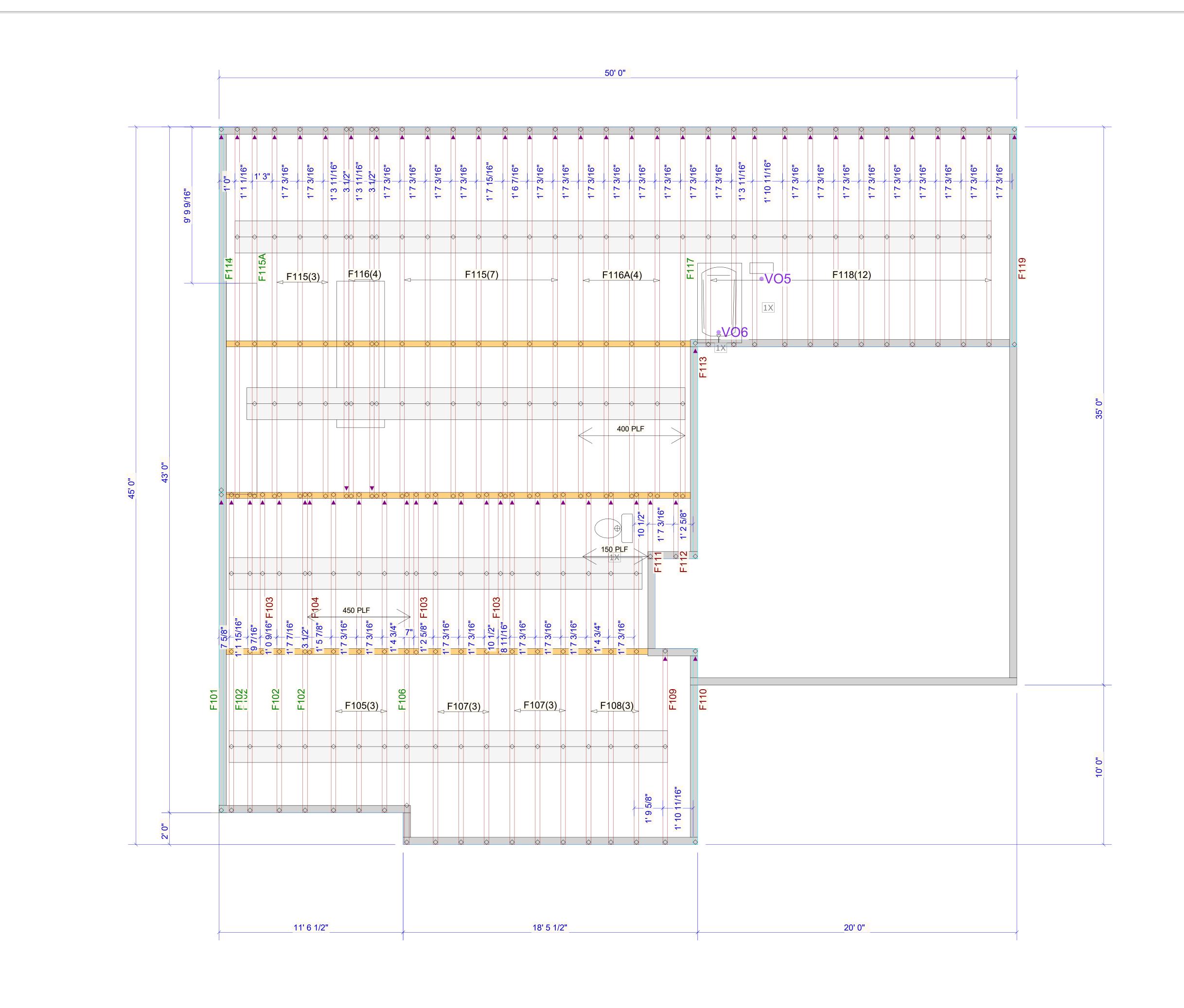
JAC

initial:

HONEYCUTT HILL Lot 31 - Townsend 1 Raleigh, nc FRAMING DETAILS

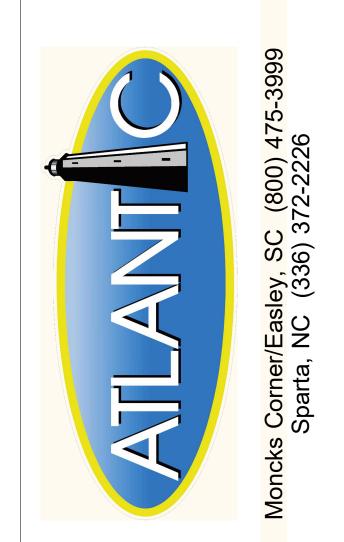
SD3.0

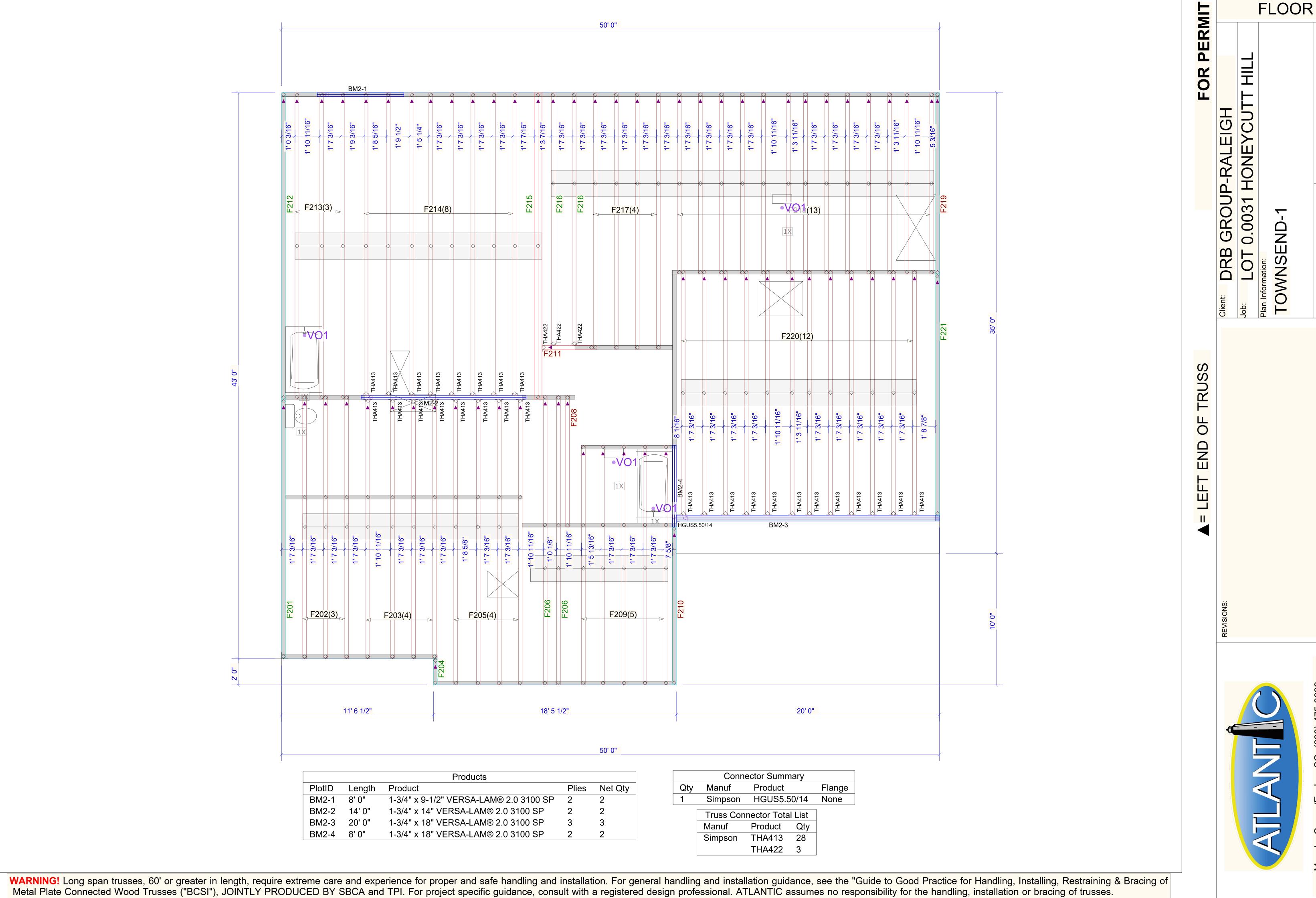




FLOOR FOR PERMIT DRB GROUP-KALEIGI.
LOT 0.0031 HONEYCUTT Date: 05/15/24 Job #: 24-4044-F01 TOWNSEND-1 NOT TO SCALE

Drawn By: END OF TRUSS = LEFT





NOT TO SCALE

Drawn By:

Corner/Easley, SC (800) 475-3999 Sparta, NC (336) 372-2226

