MALBEC-RALE

RALEIGH - LOT 00.0142 THE FARM AT NEILL'S CREEK

(MODEL# 1930)

ELEVATION 4.1 - GR

<u>INDEX</u>

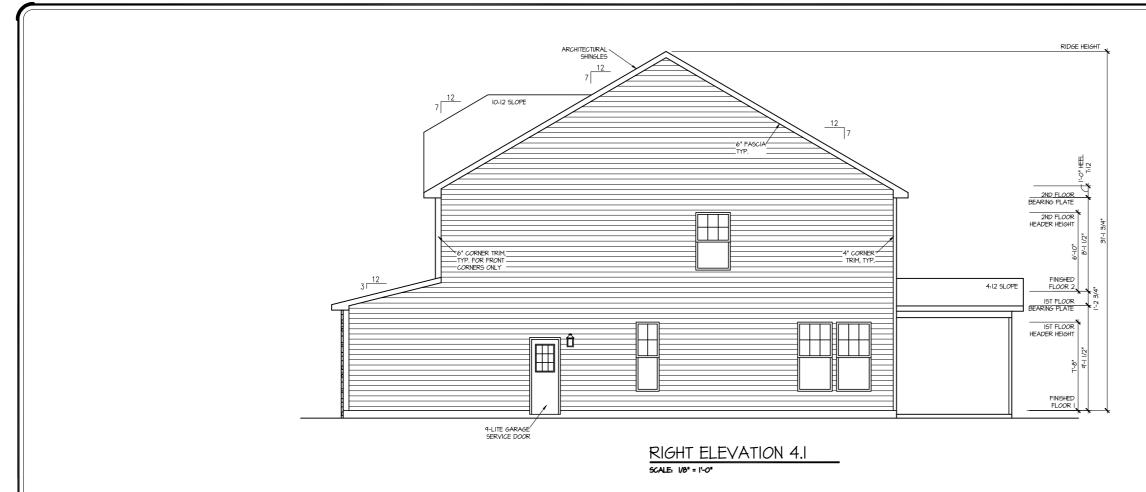
DR3 HOMES

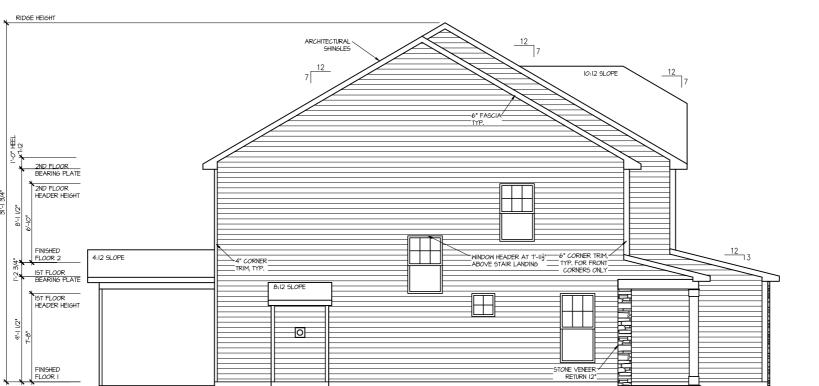
ABEA ON OUR ATIONS			
AREA CALCULATIONS		001/5050 /	
ELEVATION 4.1	HEATED	COVERED / UNHEATED	UNCOVERED
		UNHEATED	UNCOVERED
FIRST FLOOR	885 SF	440.05	
GARAGE		448 SF	
FRONT PORCH - ELEVATION 4.1		57 SF	
SECOND FLOOR	1100 SF		
OPTIONS			
COVERED PORCH		127 SF	
FIREPLACE	10 SF		
TOTAL	1995 SF	632 SF	

103 Green Tractor Drive

	SPECIFIC	
1	LOT 00.0142	THE FARM AT NEILL'S CREEK
		MALBEC REV. RALE 1 ELEVATION 4.1
2	ADDRESS	103 GREEN TRACTOR DR LILLINGTON, NC 27546
	+	
	-	
	-	
	-	
	-	
	+	
	-	
	+	
	 	
	-	







LEFT ELEVATION 4.1 SCALE 1/8" = 1'-0"

MASTER PLAN INFORMATION

REVISION DATE

1-RALE 07-06-2018 05-19-2025

□ 3-1

DRAWN BY:
ITS

DATE:
07/30/2025

PLAN NO.
1930



HOUSE NAME:
MALBEC
DRAWING TITLE
RIGHT & LEFT ELEVATIONS

UPPER ROOF VENTILATION CALCULATIONS:
ROOF AREA = 1244 50. FT.
CATESILL ESIGNED VENTILATION.

1 10 30. 94. 15-50. FT.
1 10 30. 95. 15-50. FT.
1 10 30. 95. 15-50. FT.
1 10 30. 95. 15-50. FT.
2 10 30. 95. 15-50. FT.
3 25. 95. 15. EETHER 10. 82. 50. 8. 95. 95. FT.
3 25. 95. 15. EETHER 10. 82. 50. 15. 95. FT. (ROD)

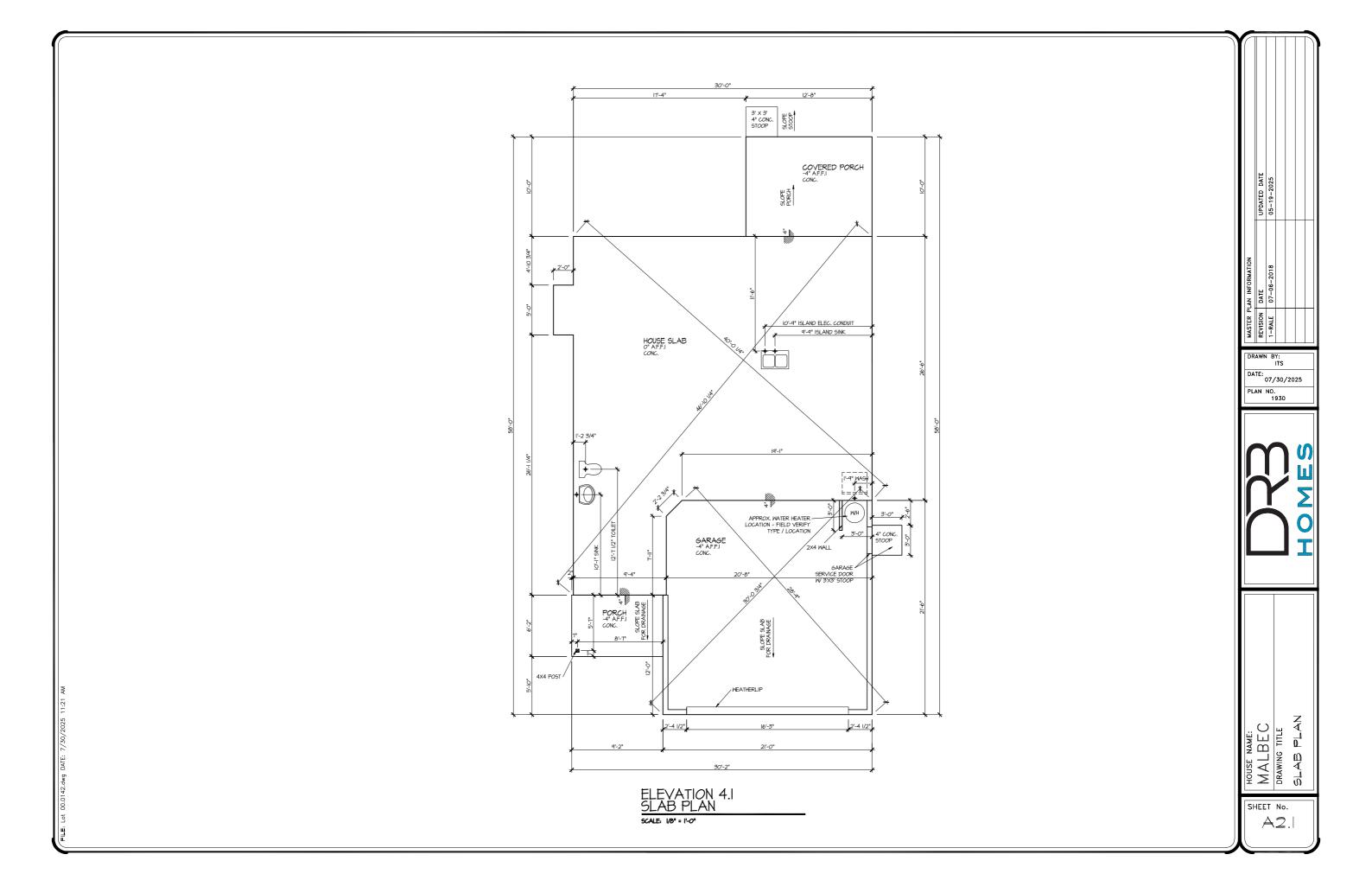
4:12 SLOPE 4:12 SLOPE 3" OVERHANG ALL SIDES 7:12 5LOPE 8:12 SLOPE 7 LF RIDGE VENT 19 LF RIDGE VENT 12" OVERHANG (TYP.) 10:12 SLOPE IO:12 SLOPE 6" OVERHANG 7'-9" 6'-3 3/4" 20'-4 1/2" LINE OF PORCH BEAM

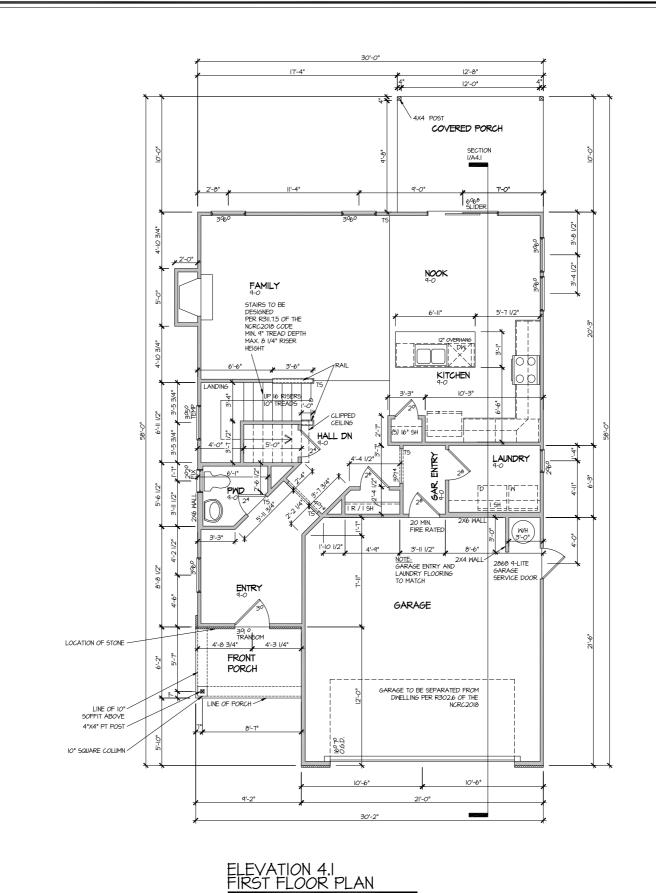
ROOF PLAN ELEV. 4.1

DRAWN BY: ITS DATE: 07/30/2025 PLAN NO. 1930



HOUSE NAME:
MALBEC
DRAWING TITLE
ROOF PLAN



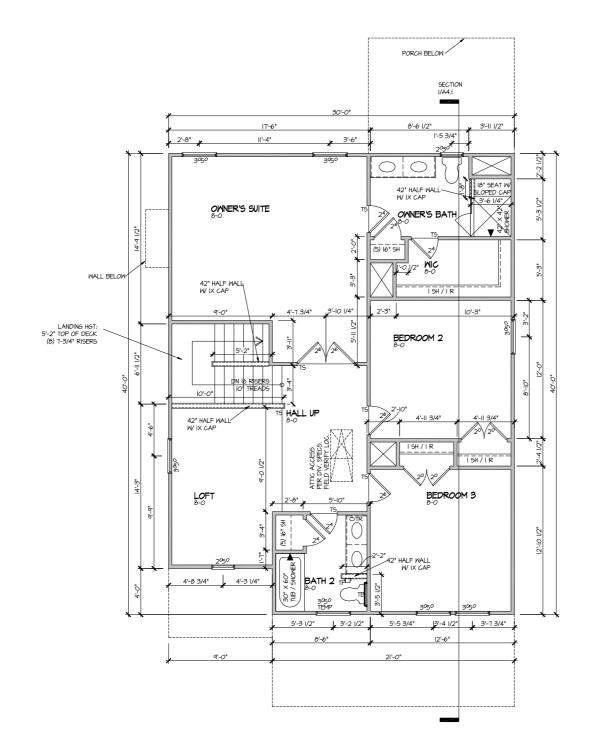


SCALE: 1/8" = 1'-0"

DRAWN BY: DATE: 07/30/2025 PLAN NO. 1930

HOUSE NAME:
MALBEC
DRAWING TITLE
FIRST FLOC

SHEET No. A3.1



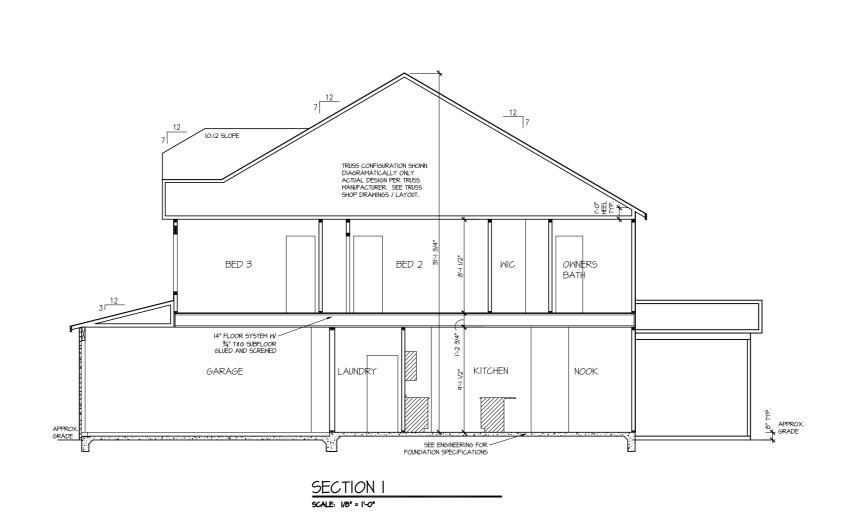
ELEVATION 4.1 SECOND FLOOR PLAN SCALE: 1/8" = 1'-0"

DRAWN BY: DATE: 07/30/2025 PLAN NO. 1930



HOUSE NAME:
MALBEC
DRAWING TITLE
SECOND FL

SHEET No. A3.2



MASTER PLAN INFORMATION

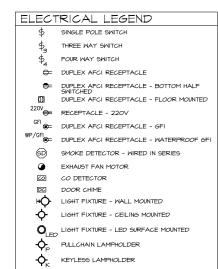
REVISION DATE

1-RALE 07-06-2018 05-19-2025

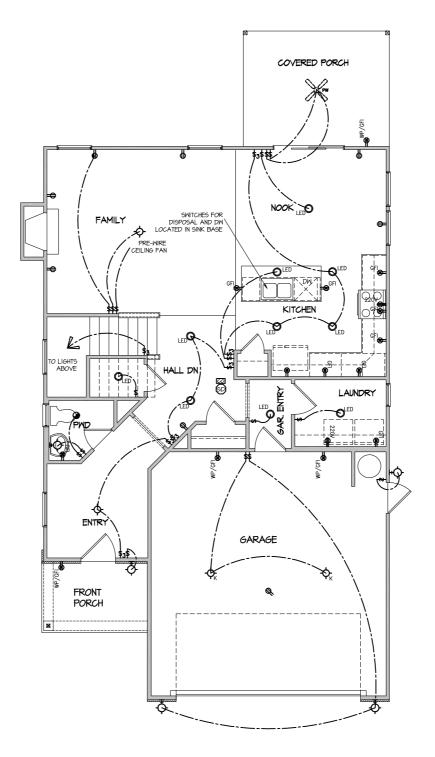
DRAWN BY: ITS DATE: 07/30/2025 PLAN NO. 1930



HOUSE NAME:
MALBEC
DRAWING TITLE
BUILDING SECTION



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.



ELECTRICAL PLAN FIRST FLOOR - ELEV. 4.1 SCALE: 1/8" = 1'-0" MASTER PLAN INFORMATION

REVISION DATE 07-06-2018 05-19-2025

1-RALE 07-06-2018 05-19-2025

DRAWN BY:

ITS

DATE:

07/30/2025

PLAN NO.

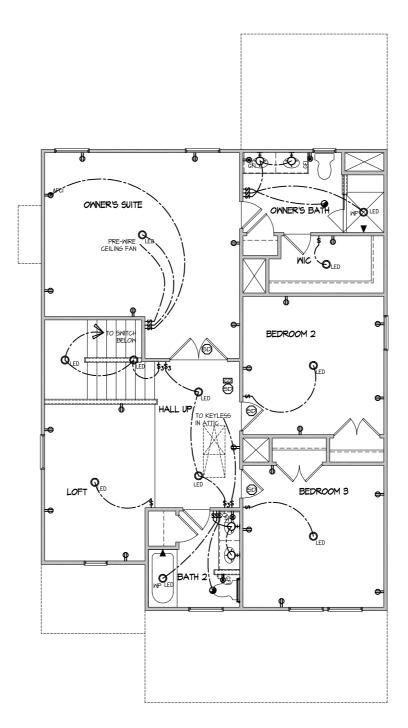
1930



HOUSE NAME:
MALBEC
DRAWING TITLE
FIRST FLOOR ELECTRICAL

MOTE: 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.

♦ KEYLESS LAMPHOLDER



ELECTRICAL PLAN SECOND FLOOR - ELEV. 4.1 SCALE: 1/8" = 1'-0"

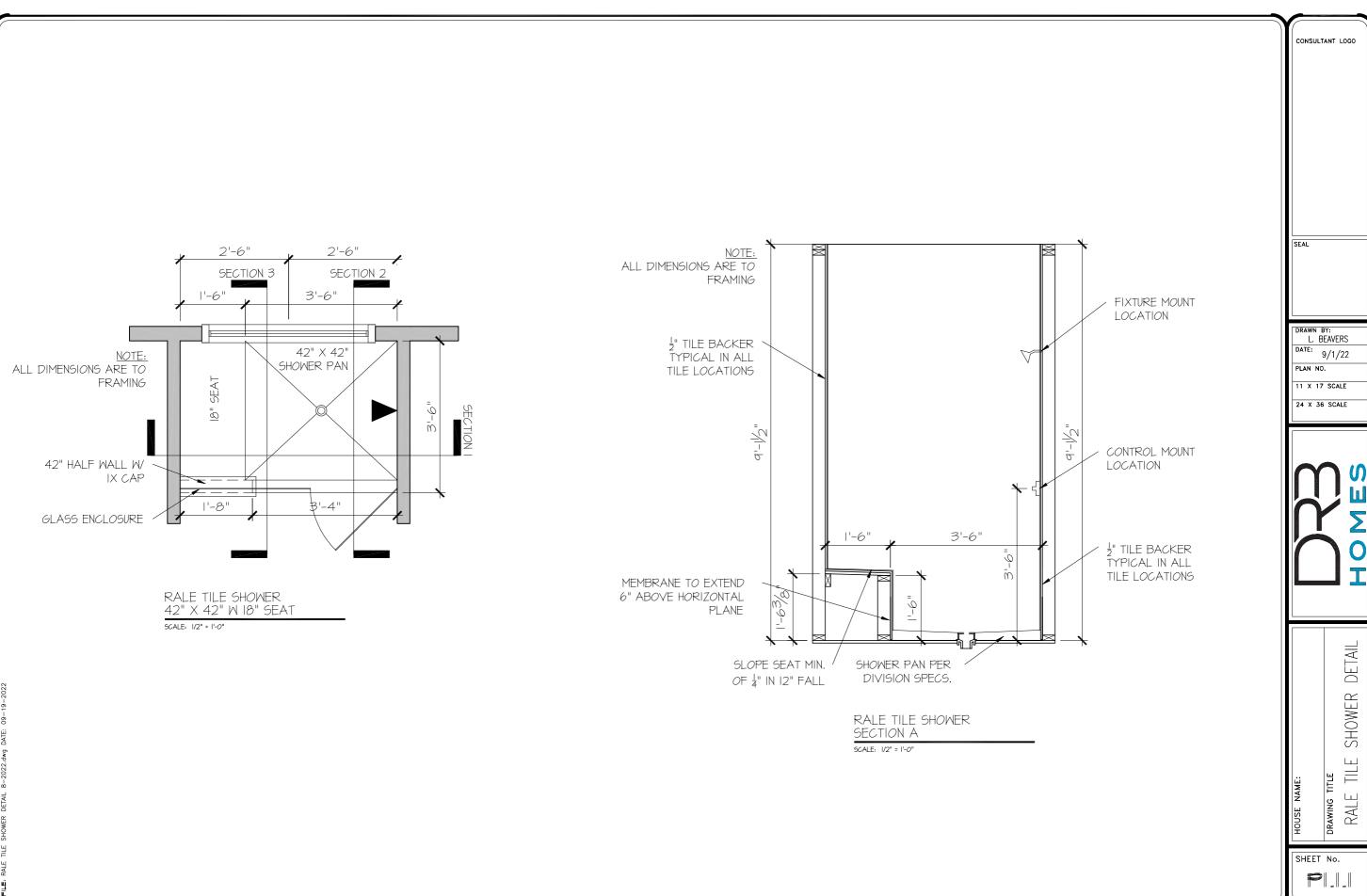
UPDATED DATE 05-19-2025 DRAWN BY:

DATE: 07/30/2025 PLAN NO. 1930



C III III HOUSE NAME:
MALBEC
DRAWING TITLE
SECOND FL

SHEET No. **E**1.2





DRAWN BY: L. BEAVERS DATE: 9/1/22 PLAN NO.

11 X 17 SCALE 24 X 36 SCALE



DETAIL SHOWER

RALE

DRAWING TITLE
RALE TILE

SHEET No.

PI.I.2

GLASS ENCLOSURE <u>-</u>P 42" HGT. HALF WALL W/ IX CAP BEYOND I" TILE BACKER V / LINE OF SEAT TYPICAL IN ALL BEYOND TILE LOCATIONS MEMBRANE TO EXTEND OVER CURB / MEMBRANE TO EXTEND (2) 2X4 PT CURB 6" ABOVE HORIZONTAL PLANE SHOWER PAN PER 3'-6" DIVISION SPECS. RALE TILE SHOWER

SECTION C

SCALE: 1/2" = 1'-0"

LINE OF TILE

TO CLG.

LINE OF TILE TO CLG. FIXTURE MOUNT LOCATION GLASS ENCLOSURE CONTROL MOUNT LOCATION "B-19 1 TILE BACKER TYPICAL IN ALL TILE LOCATIONS MEMBRANE TO EXTEND OVER CURB MEMBRANE TO EXTEND (2) 2X4 PT CURB 3'-6"

RALE TILE SHOWER SECTION B

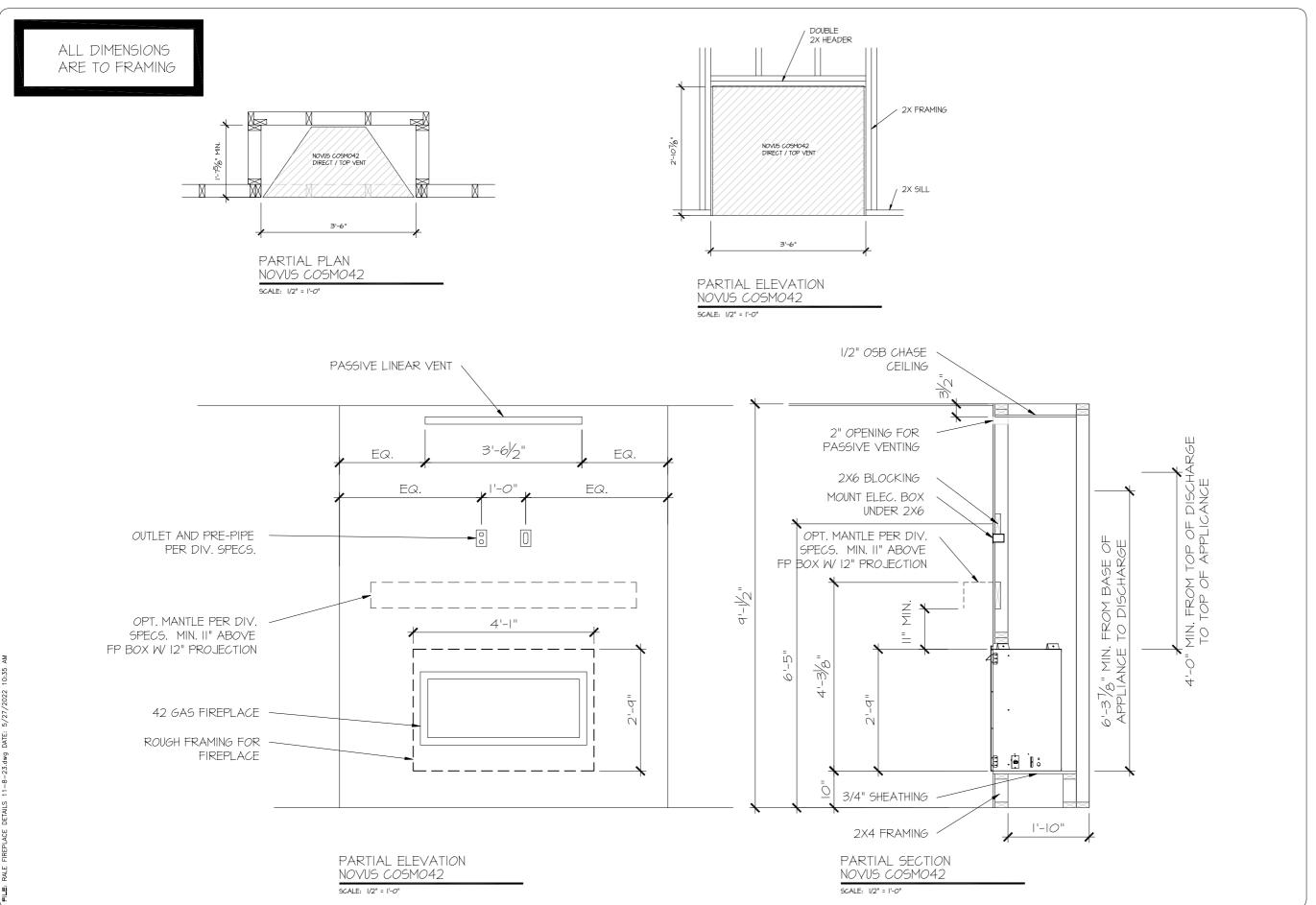
SCALE: 1/2" = 1'-0"

6" ABOVE HORIZONTAL

SHOWER PAN PER

DIVISION SPECS.

PLANE



CONSULTANT LOGO

SEAL

DRAWN BY:
L. BEAVERS

DATE:
11-8-23

PLAN NO.
N/A

11 X 17 SCALE

24 X 36 SCALE



HOUSE NAME:
RALE FIREPLACE DETAILS
DRAWING TITE
RALE FIREPLACE DETAIL
INTERIOR GAS UNITS

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

ROOF

DEAD = 7 PSF T.C., 10 PSF B.C. LOAD DURATION FACTOR = 1.25

LIVE = 40 PSF (30 PSF @ SLEEPING AREAS) DEAD = 10 PSF (I-JOISTS & SOLID SAWN) IO PSF T.C., 5 PSF B.C. (TRUSSES) (ADD'L IO PSF @ TILE)

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 (KILN-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" OC (MAX. UNO) . HEADERS IN NON-LOAD BEARING WALLS SHALL BE: (I)2x4/6 FLAT @ OPENINGS UP TO 41, (2)2x4/6 FLAT UP TO 81
- 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=3I0 psi; E=I.55xI0^6 psi • 'LVL' - Fb=2600 psi; Fv=265 psi; E=2.0x10^6 psi
- 'PSL' FB=2900 PSI; FV=290 PSI; E=2.0XI0^6 PSI
- MIK SHALL BE FULLY INDEMNIFIED FOR ANY AND ALL ISSUES OWNER DOES NOT SUBMIT THE COMPONENT SHOP DRAWINGS TO MAKE FOR STRUCTURAL REVIEW PRIOR TO FABRICATION, DELIVERY, OR INSTALLATION.
- FOR 2 \$ 3 PLY BEAMS OF EQUAL WIDTH, FASTEN PLIES TOGETHER WITH 3 ROMS OF 3"XO.120" NAILS @ 8" O/C OR 2 ROMS ¼"X3½" SIMPSON SDS SCREWS (OR 3½" 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, LOCATI TOP & BOTTOM NAILS/SCREWS 2" FROM EDGE. SOLID 3 1/2" OR 5 1/4" BEAMS ARE ACCEPTABLE. USE 2 ROWS OF NAILS FOR 2x6 \$ 2x8 MEMBERS.
- FOR 4 PLY BEAMS OF EQUAL WIDTH, FASTEN PLIES TOGETHER WITH 3 ROMS OF 1/4"x6" SIMPSON SDS SCREMS (OR 6 3/4" TRUSSLOK SCREMS) • 16" O/C. USE A MINIMUM OF 4 ROMS FOR BEAM DEPTHS OF I4" OR GREATER, APPLY FASTENING AT BOTH FACES (ONE SIDE ONLY FOR TRUSSLOK SCREWS). LOCATE TOP AND BOTTOM SCREWS 2" FROM EDGE. A SOLID T" BEAM IS ACCEPTABLE.
- ALL HEADERS SHALL BE SUPPORTED BY (1)2x JACK STUD & (1)2x CING STUD, MINIMUM - 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.I3I"
- 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 I/2" DIA. BOLTS @ 48" O.C. STAGGERED.
- ALL EXTERIOR 4x4 WOOD POSTS SHALL HAVE SIMPSON BCS2-2/4 CAP € ABM44Z BASE, U.N.O.

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

(3) TOENAILS

NAII S @ 24" c

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

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

BLK'G. BTWN. JOISTS TO TOP PL. (3) TOENAILS

(ONLY ACCEPTABLE WHERE * ARE SHOWN)

DOUBLE TOP PLATE LAP SPLICE (9) NAILS IN LAPPE

JOIST TO SOLE PLATE

DOUBLE TOP PLATE

INTERSECTING WALLS

TOP OR SOLE PLATE TO STU

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 I/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 TONGUE AND
- GROOVE EDGES. FASTEN TO FRAMING MEMBERS W GLUE AND 2 ½" x 0.131" NAILS @ 6"o.c. @ PANEL EDGES € @ 12"o.c. FIELD.
- 2 ₹ × 0.120" NAILS 4" O.C. PANEL EDGES \$ 8" O.C. FIELD.
- 2 2" × 0 113" NAILS @ 3" OC @ PANEL EDGES & @ 6" OC 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 H25T CLIP (OR APPROVED EQUAL) @ ALL BEARING POINTS. PROVIDE (2) H2.51 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.C
- 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 (U.N.O.) FASTENED TO: - RIM BOARD w/ (2) 3"x0.131" NAII 5 @ 16" O.C. MAX. (1-1015TS
 - TRUSS VERTICALS w/ (3) 3"x0.131" NAILS @ 19.2" O.C. MAX. (FLOOR TRUSSES)
- ROOF SHEATHING SHALL BE 1/16" A.P.A. RATED SHEATHING 24/16 EXPOSURE I (OR APPROVED EQUAL). FASTEN TO FRAMING MEMBERS
- W 2 ½" × 0.131" NAILS 6"O.C. PANEL EDGES € 12" O.C. FIELD.
- W/ 2 🖁 × 0.120" NAILS 4"0.c. PANEL EDGES \$ 6" O.C. FIELD. - W/ 2 🖁 × 0.113" NAILS • 3"O.C. • PANEL EDGES € • 6" O.C. FIELD.

HOLD-DOWN SCHEDULE

5YMB0L	SPECIFICATION
► HD-I	SIMPSON HTT4 HOLD-DOWN * (%" DIA. ANCHOR)
HD-2	SIMPSON MSTC66 STRAP TIE (CENTER STRAP ON FLOOR SYSTEM UN.O.) -OR- MSTC66B3 ALTERNATE
► HD-3	SIMPSON STHDI4/STHDI4RJ

<u>* UTILIZE THE SSTB24 ANCHOR BOLT</u> ◆ ALL MONOSLAB & INTERIOR RAISED 5LAB (I.E. THICKENED SLABS, FOOTINGS) CONDITIONS. MINIMUM 24" MIN. COTING THICKNESS REQUIRED

POXY-SET ALTERNATE FOR MONOSLAB & INTERIOR RAISED SLAB ONDITIONS ONLY: UTILIZE SIMPSON 'SET' EPOXY SYSTEM TO FAS THREADED ROD INTO CONCRETE FOUNDATION, PROVIDE 10" (FOR 5/8" DIA.) OR 5" (FOR 7/8" DIA.) MIN. EMBEDMENT INTO CONCRETE.

NSTALL PER MANUF. INSTRUCTIONS. MINIMUM 16" FOOTING THICKNESS REQ'D. DO NOT LOCATE ANCHORS WITHIN I 3/4" OF EDGE OF CONCRETE.

SD2. | REFERS TO SD2. | A FOR LVL/PSL/LSL BEAMS OR SD2.IB FOR FLITCH BEAMS OR SD2.IC FOR STEEL BEAMS

3"x0.120" NAILS

(3) NAILS @ 4" o.c 3) TOENAILS*

(3) NAILS TOENAILS **0** 6" O.C.

(II) NAILS IN LAPPED AREA (2) NAII S

(3) TOENAILS*

(3) TOFNAIL S*

NAILS @ 16" o.

NAII 5 @ 16" 00

LATERAL BRACING & SHEAR WALL 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 R301211) 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 NCSBC-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 ¾"x0.II3" NAILS @ 6" O.C. AT EDGES & @ I2" 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: 1/5" 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 %" x 0.113" NAILS @ 6" O.C. AT ALL PANEL EDGES AND 12" O.C. IN THE PANEL FIELD OR 1 3/1 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 V 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: 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

VENEER LINTEL SCHEDULE

(MAX)	ABOVE LINTEL	STEEL ANOLE SIZE	
3'-0"	20 FT. MAX	L3"x3"x/4"	
	3 FT. MAX	L3"x3"x/4"	
6'-0"	I2 FT. MAX	L4"x3"x/4"	
	20 FT. MAX	L5"x3½"x%;"	
	3 FT, MAX	L4"x4"x4" *	
ð'-O"	I2 FT. MAX	L5"X31½"X"%"	
	I6 FT. MAX	L6"x3½"x¾"	
4'-6"	I2 FT. MAX	L6"x3%"x%6"	
16'-0"	2 FT. MAX	LT"x4"x½" **	
10-0	3 FT. MAX	L8"x4"x½" **	

LL LINTELS:

- SHALL SUPPORT 2 %" 3½" VENEER w/ 40 psf MAXIMUM WEIGHT. 16' SHALL HAVE 4" MIN. BEARING

HEIGHT OF VENEER

- 16' SHALL HAVE 8" MIN, BEARING 16' SHALL NOT BE FASTENED BACK TO HEADER.
- 6' SHALL BE FASTENED BACK TO WOOD HEADER IN WALL #48"0.0 w/ ½" DIA. x 3 ½" LONG LAG SCRENS IN 2" LONG VERTICALLY SLOTTED HOLES.
- AX. VENEER HT. APPLIES TO ANY PORTION OF BRICK OVER THE
- OF ENING. ALL LINTELS SHALL BE LONG LEG VERTICAL. NHEN SUPPORTING VENEER (3" WIDE THE EXTERIOR TOE OF THE HORIZONTAL LEG MAY BE CUT IN THE FIELD TO BE 3 $\frac{1}{N}$ " WIDE OVER THE BEARING LENGTH ONLY. THIS IS TO ALLOW FOR MORTAR JOINT
- FINISHING.
 SEE STRUCTURAL PLANS FOR ANY LINTEL CONDITION NOT ENCOMPASSED BY THE ABOVE PARAMETERS, FOR ANY LINTEL FASTENED SHACK TO EEMA FISTENEDS SHALL MAINTAIN A 25' (MINIMAN) CLEAR DISTANCE FROM BOTTOM OF BEAM,
- FOR QUEEN VENEER USE L4x3%.
 FOR SY VENEER ONLY, SEE PLAN FOR VENEER SUPPORT IF VENEER < 3%" THICK.

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.

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	
UP TO 12'-0"	(2)2x8	(3)2x8	

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

GENERAL STRUCTURAL NOTES

FOUNDATION

- DESIGN IS BASED ON 2018 NORTH CAROLINA STATE BUILDING CODE: RESIDENTIAL CODE.
- FOOTING DESIGN 2,000 PSF ALLOWABLE SOIL BEARING PRESSURE IS ASSUMED, BUILDER/CONTRACTOR MUST VERIFY
- •FASTEN 2x 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 IO' 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 VERIEY 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, U.N.O.:
- 4,000 psi: FOUNDATION WALLS
 2,500 psi: FOOTINGS & INTERIOR SLABS ON GRADE 3,000 psi: GARAGE & EXTERIOR SLABS ON GRADE 60.000 psi
- BASEMENT FOUNDATION WALL DESIGN BASED ON:
- . 4' OR 10' HEIGHT (AS NOTED ON PLANS - TALLER WALLS MUST BE ENGINEERED
- NOMINAL WIDTH (9 25" 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 1st FLOOR DECK.
- PROVIDE (2) #5 BARS AROUND ALL SIDES OF OPENINGS IN CONCRETE BSMT. FND. WALL WITH 2" CLEAR. REINFORCEMENT SHALL EXTEND 12" PAST CORNER OF OPENING IN ALL DIRECTIONS.
- FOR OPENINGS UP TO 36", PROVIDE MINIMUM IO" CONCRETE DEPTH OVER OPENING OR (3)2x10 w/ (2)2x6 JACK STUDS, U.N.O
- 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 95% COMPACTED FILL. PROVIDE CONTROL JOINTS AT ALL INSIDE CORNERS OF SLAB EDGES, AND OTHER LOCATIONS WHERE SLAB CRACKS ARE LIKELY
- TO DEVELOP . JOINTS SHALL BE LOCATED . 10'-0" O.C. (RECOMMENDED) OR
- 15'-O" O.C. (MAXIMUM) JOINT GRID PATTERN SHALL BE AS CLOSE TO SQUARES AS
- POSSIBLE (LI RATIO), WITH A MAXIMUM OF LLS RATIO CONTROL JOINTS SHALL <u>NOT</u> BE INSTALLED IN STRUCTURAL SI ABS
- CONCRETE MASONRY UNITS (CMU) SHALL BE ASTM C90 WITH A MIN COMPRESSIVE STRENGTH OF 1900 psi (Fm=1500 psi), MORTAR SHAL 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 2x6 (MIN.) x 16" LONG P.T. PLATE ON TOP OF ALL CRAW SPACE PIERS. ALL PIERS SHALL BE FASTENED PER ANCHORAGE SPECIFICATIONS NOTED ABOVE. TOP 2 COURSES (MIN.) OF PIER TO
- BE GROUTED SOLID (8 COURSE MAX. PIER HEIGHT). PROVIDE 2x6 P.T. PLATE ON INTERIOR CRAWL SPACE WALLS, FASTENED PER ANCHORAGE SPECIFICATION NOTED ABOVE. TOP 2 COURSES (MIN.) OF WALL TO BE GROUTED SOLID (8 COURSE MAX WALL HEIGHT)
- DIMENSIONS BY OTHERS, BUILDER TO VERIEY.
- 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.

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 ELEMENT IN CONTACT WITH FLOOR FRAMING ARE LEVEL ICLUDING, BUT NOT LIMITED TO; FOUNDATIONS, SLABS ON GRADE, BEAMS, WALLS, AND NON-BEARING ELEMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LEVELNESS AND MAKE ADJUSTMENTS AS NECESSARY, INCLUDING CONSIDERATION OF THOSE AREAS THAT MAY BE WITHIN CONTRACTUAL, INDUSTRY OR WARRANTY TO FRANCES

ADDITIONAL NOTES FOR TRUSS \$ I-JOIST MANUFACTURER

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

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

- I/4" DEAD LOAD FLOOR TRUSSES, ATTIC TRUSSES, & I-JOISTS: 1/8" DEAD LOAD
- FLOOR TRUSSES & ATTIC TRUSSES ADJACENT TO FLOOR FRAMING BY OTHERS: LIMIT ABSOLUTE TRUSS DEFLECTION TO 3/16" DFAI LOAD. (NOT DIFFERENTIAL DEFLECTION)

ALTERNATE F.J MANUFACTURERS

FLOOR JOISTS BY MANUFACTURER'S OTHER THAN THOSE SHOWN ON PLAN SHALL CONFORM TO THE APA PERFORMANCE RELATED I-JOISTS DESIGN AND CONSTRUCTION GUIDE, MINIMUM JOIST PROPERTIES INCLUDING, BUT NOT LIMITED TO, ALLOWABLE SHEAR, ALLOWABLE MOMENT, STRENGTH, AND STIFFNESS, SHALL MEET OR EXCEED THOSE LISTED FOR THE PRI-60 SERIES I-JOISTS. ALL ALLOWABLE HOLES, BEARING STIFFENERS, AND JOIST TO JOIST CONNECTIONS ARE PER THE JOIST MANUFACTURER.

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126-22076 **JTR** rawn by:

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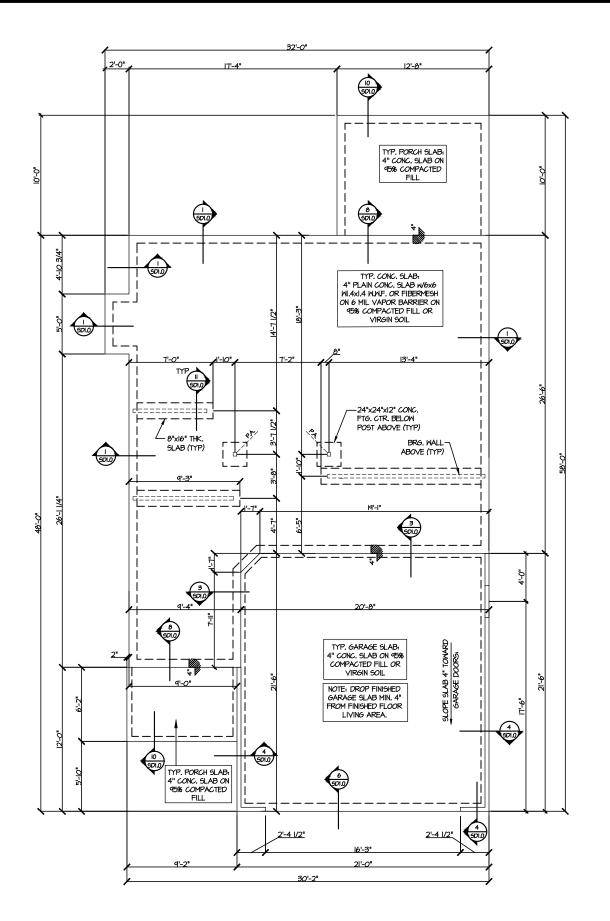
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F/A



MONO SLAB FOUNDATION PLAN SCALE: 1/8°=1'-0'

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M&K project number: 126-22076

project mgr: JTR drawn by: NLD issue date: 08-01-25

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JEK JEK

FOUNDATION PLANS
FARM AT NEIL'S CREEK
LOT 143 - MALBEC 4.1
RALEIGH, NC

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.

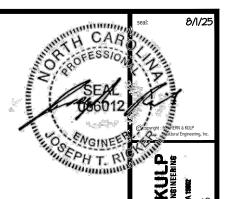
INTERIOR BEARING WALL
 BEARING WALL ABOVE
 BEAM / HEADER

JL METAL HANGER

\$1.0

2ND FLOOR FRAMING PLAN

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



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ALTERNATE F.J MANUFACTURERS

FLOOR JOISTS BY MANUFACTURER'S OTHER THAN THOSE SHOWN ON PLAN SHALL CONFORM TO THE APA PERFORMANCE RELATED
1-JOISTS DESIGN AND CONSTRUCTION GUIDE, MINIMUM JOIST PROPERTIES INCLUDING, BUT NOT LIMITED TO, ALLOWABLE SHEAR, ALLOWABLE MOMENT, STRENGTH, AND STIFFNESS, SHALL MEET OR EXCEED THOSE LISTED FOR THE PRI-60 SERIES I-JOISTS. ALL ALLOWABLE HOLES, BEARING STIFFENERS, AND JOIST TO JOIST CONNECTIONS ARE PER THE JOIST MANUFACTURER.

> REFER TO SO.O FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

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

LEGEND

- IIIIII 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

I	BEAM NUMBER	LVL OPTION	PSL OPTION	LSL OPTION	FLITCH OPTION	STEEL OPTION
I	001	(3) % "x 8" - FT 5¼"x 8" - FT		N/A	(4)2xl2 + (3) 片"xli片" STEEL FLITCH PLATES - FB	WI2x26 - F
ı	002	(2)134"×14" - F	3½"xi4" - F	(3)13/4"x14" - F	(2)2xl2 + (I) ¼ "xll¼" STEEL FLITCH PLATES - FB	WI2xI4 - F

- BEAM NOTATION: "F" INDICATES FLUSH BEAM "FT" INDICATES FLUSH TOP BEAM "FB" INDICATES FLUSH BOTTOM BEAM

- "H" INDICATES FLUSH BOTTOM BEAM
 "D" INDICATES DROPPED BEAM
 "H" INDICATES DROPPED OPENING HEADER
 REFER TO DETAIL D/SD2.0 FOR TYPICAL FILTCH BEAM CONNECTIONS
 REFER TO DETAIL E/SD2.0 FOR TYPICAL STEEL BEAM CONNECTIONS
 FOR FLUSH TOP BEAMS PROVIDE 2X STACKED PLATES BENEATH BEAM AS REQ'D. FASTEN
 PLATES IN SUCCESSION W (2) 3"X01.20" NAILS @ 8" O.C.

FOR FLUSH BOTTOM BEAMS PROVIDE 2x STACKED PLATES ATOP BEAM AS REQ'D. FASTEN PLATES IN SUCCESSION w' (2) 3%0120* NAILS \odot 8* O.C.

126-22076 **JTR**

1&K project number:

rawn by: issue date: 08-01-25 REVISIONS:

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CREEK A AT NEIL'S (
- MALBEC 4.1
1, NC

FARM LOT 143 - M RALEIGH, N OOR

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M&K project number: 126-22076

JTR drawn by: issue date: 08-01-25

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FRAMING PLANS

FARM AT NEIL'S CREEK LOT 143 - MALBEC 4.1 RALEIGH, NC ROOF

* INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE. **S3.0**

INDICATES HOLD-DOWN OR STRAP. REFER TO SCHEDULE.

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

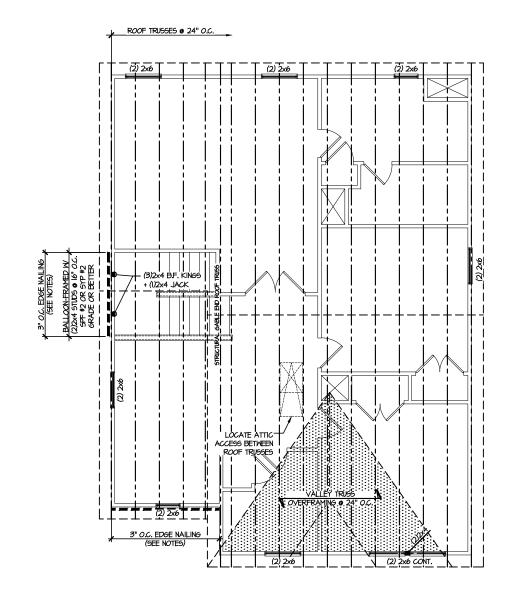
LEGEND

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

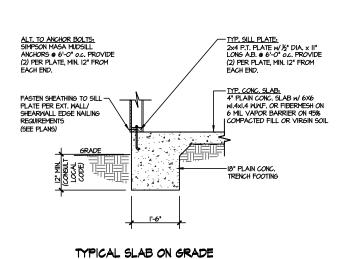
 INTERIOR BEARING WALL ● □===□ BEARING WALL ABOVE

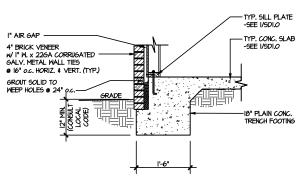
• ---- BEAM / HEADER

JL METAL HANGER



ROOF FRAMING PLAN

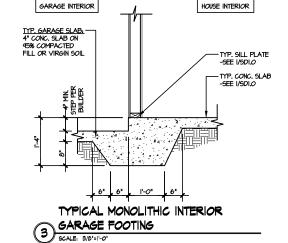


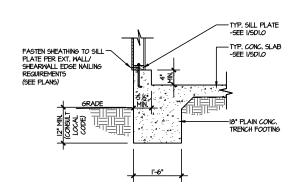


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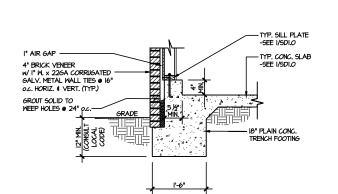
TYPICAL SLAB ON GRADE

2 PERIMETER FOOTING

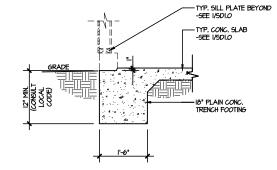


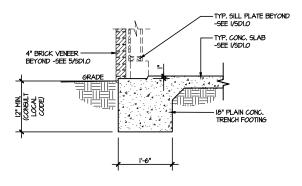


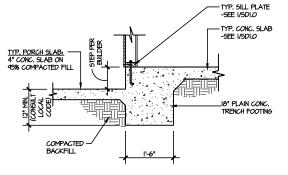
TYPICAL SLAB ON GRADE GARAGE PERIMETER FOOTING



PERIMETER FOOTING





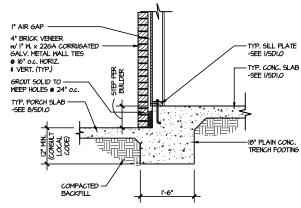


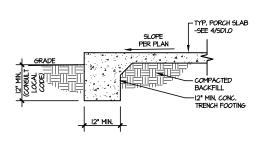


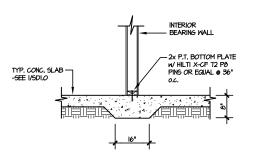


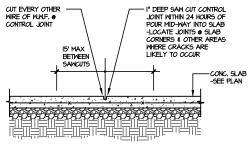
TYPICAL SLAB ON GRADE GARAGE TENTRY @ PERIMETER FOOTING

TYPICAL SLAB ON GRADE PERIMETER 8 FOOTING @ PORCH/PATIO







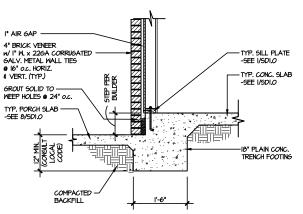


TYPICAL THICKENED SLAB @

INTERIOR BEARING WALL

LETTERED DETAILS ARE TYPICAL FOR 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



TYPICAL SLAB ON GRADE PERIMETER

FOOTING @ PORCH/PATIO SCALE. 3/6"=1'-0"



A TYPICAL CONTROL JOINT SCALE: 8/8'=1'-0' LOCATE & 15'-O" o.c. MAX. OR CORNERS WHERE CRACKS LIKELY TO DEVELOP

("CUT") ON THE PLANS.

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ARM LOT 143 - N RALEIGH, 1

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M&K project number: 126-22076

issue date: 08-0 1-2

drawn by:

REVISIONS

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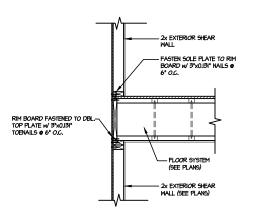
ENGINE

EPH T. R

TYPICAL SHEAR

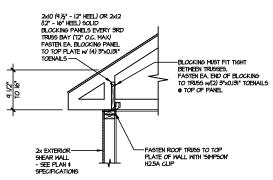
TRANSFER DETAIL @ ROOF

SCALE: 3/8"=1"-0" HEEL HEIGHT LESS THAN HEEL HEIGHT LESS THAN 9½" NO BLOCKING REQ'D



TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL

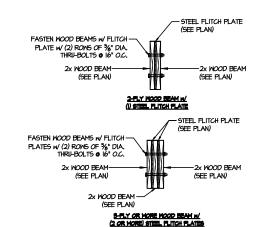
SCALE: 3/8"=1"-0"



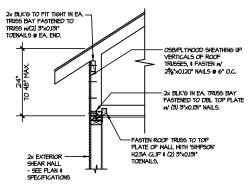
TYPICAL SHEAR

TRANSFER DETAIL @ ROOF

SCALE: 3/8"=1"-0" HEEL HEIGHT BETWEEN 9 1/2 HEEL HEIGHT BETWEEN 9 ½" - 16" BLOCKING REQ'D

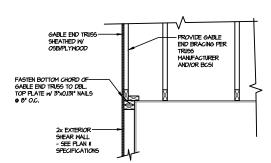


TYPICAL FLITCH BEAM CONNECTION DETAIL
SCALE 944-11-0*



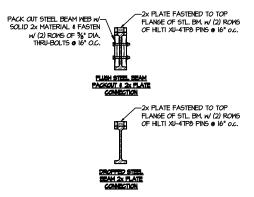
TYPICAL SHEAR TRANSFER

DETAIL @ RAISED HEEL TRUSS



TYPICAL GABLE END DETAIL

SCALE: 3/8"=1"-Q"



TYPICAL STEEL BEAM CONNECTION DETAIL SCALE 844-1-67

LETTERED DETAILS ARE TYPICAL FOR 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.

SEPH T. R MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
300 Benicale Ave. Builting 4 - Amber, PA. 19902
p. Z15.644 8001 - ambersidap.com

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M&K project number: 126-22076

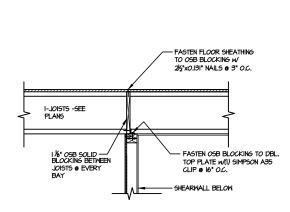
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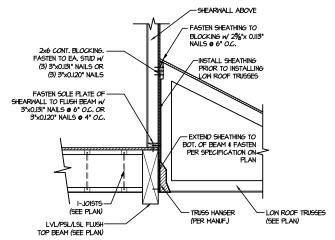
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LOT 143 - M
RALEIGH, N

SD2.0





SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL BELOW SCALE: 8/8'=1-0' PERPEDICU

SHEAR TRANSFER DETAIL @

EXTERIOR SHEARWALL ABOVE

SCALE SASTICO*

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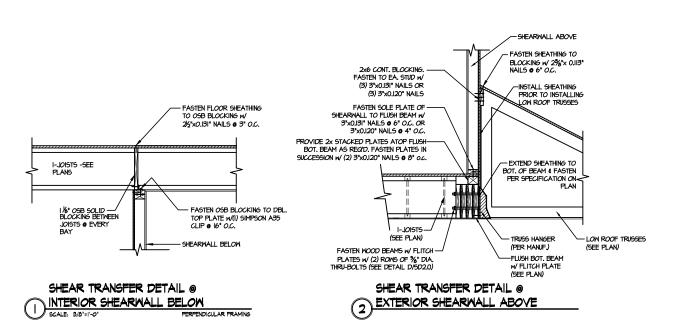
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REVISIONS:

date: initial:

FRAMING DETAILS
FARM AT NEIL'S CREEK
LOT 143 - MALBEC 4.1
RALEIGH, NC

SD2.1A



RLH - Neil's Creek - Lot 142 - Structurals DATE: 8/1/2025 2:15 PM

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RESIDENTIAL STRUCTURAL ENGINEERING
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M&K project number: 126-22076

project mgr: JTR drawn by: NLD issue date: 08-0 1-25

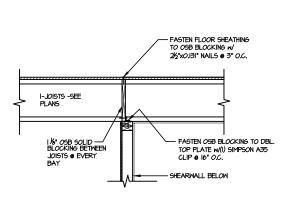
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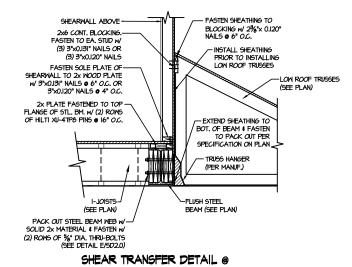
FRAMING DETAILS
FARM AT NEIL'S CREEK
LOT 143 - MALBEC 4.1
RALEIGH, NC

SD2.1B



SHEAR TRANSFER DETAIL @
INTERIOR SHEARWALL BELOW

SCALE: 9/0'=1'-0' PERPENDICULAR FRAMIN



2 EXTERIOR SHEARWALL ABOVE

SEAC SEAC SERVICE SERV

MULHERN+KULP

RESIDENTIAL STRUCTURAL ENGINEERING

SUBMISSION STRUCTURAL ENGINEERING

PERSONNELL PARTICULATION

NOT LICENSE #C 3825

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M&K project number: 126-22076

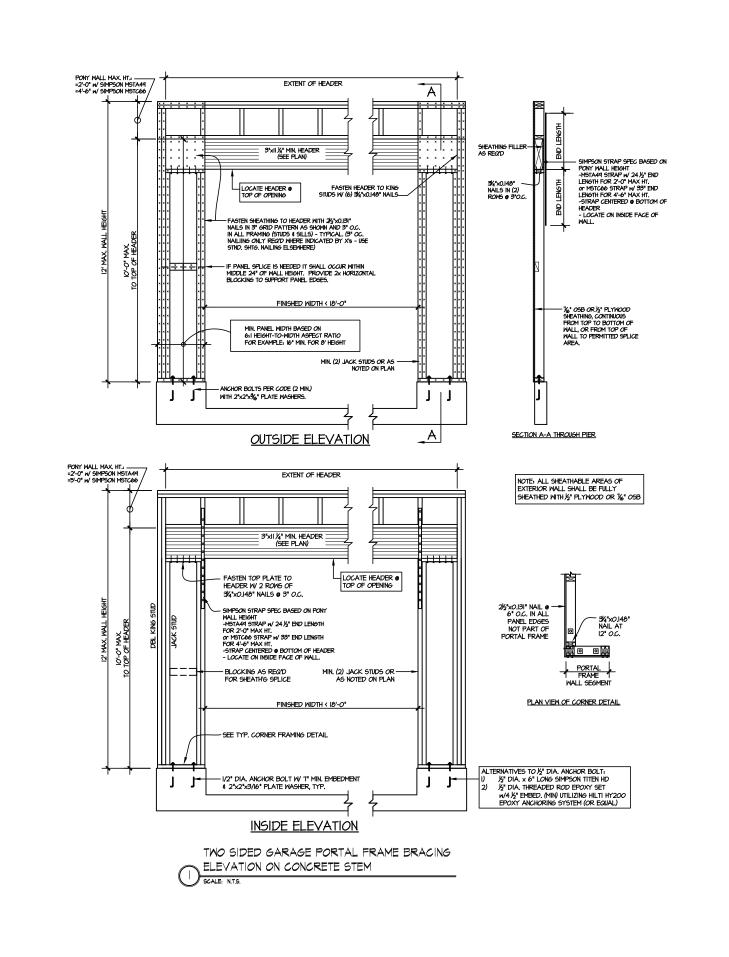
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FRAMING DETAILS
FARM AT NEIL'S CREEK
LOT 143 - MALBEC 4.1
RALEIGH, NC

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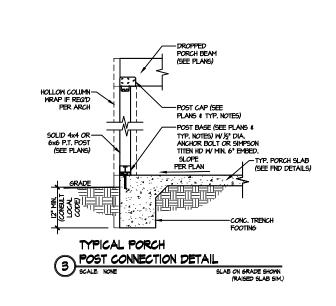
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FARMING DETAILS
FARM AT NEIL'S C
LOT 143 - MALBEC 4.1
RALEIGH, NC

SD2.2



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M&K project number: 126-22076

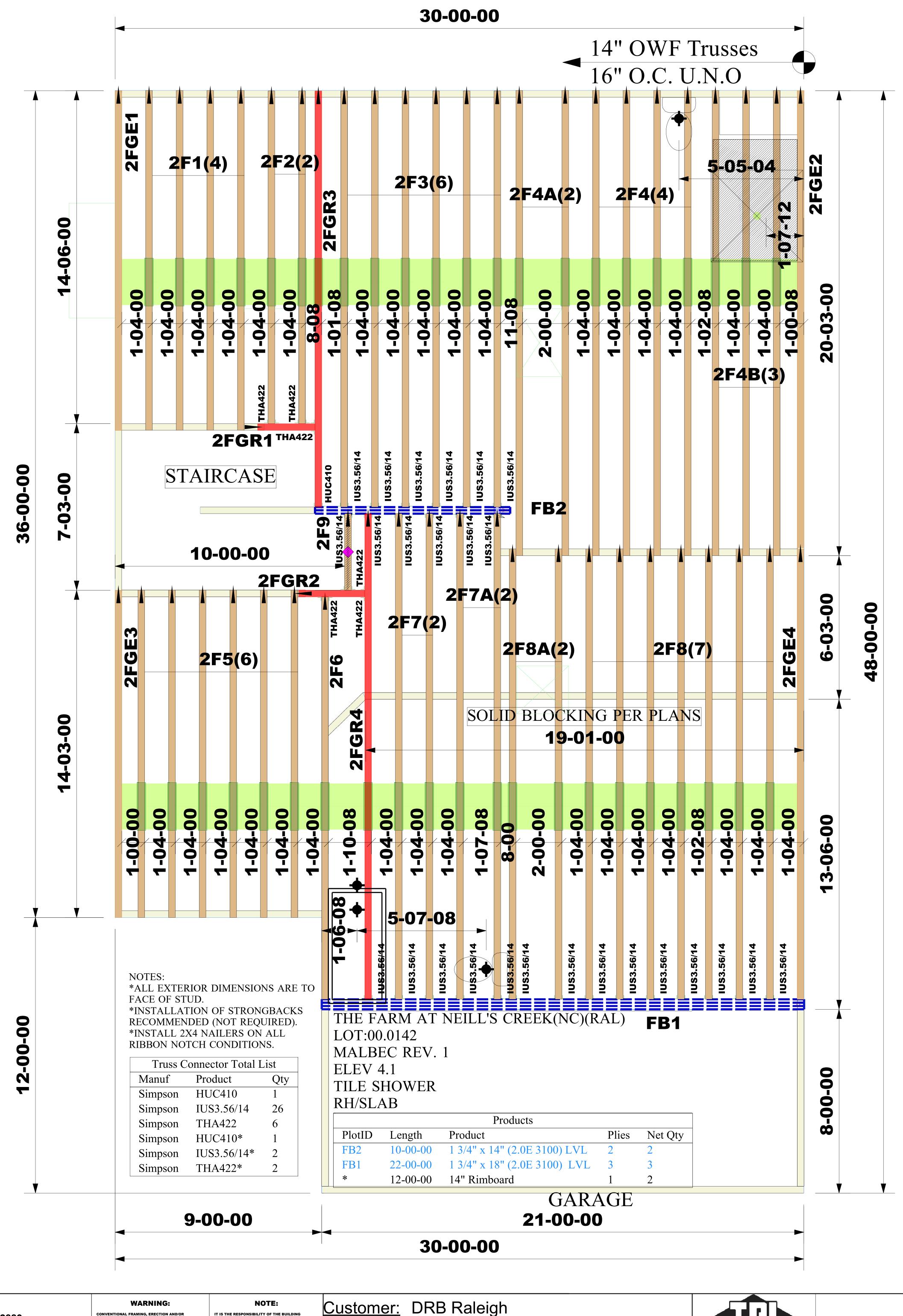
JTR NLD drawn by:

issue date: 08-01-25

FARM AT NEIL'S CREEK LOT 143 - MALBEC 4.1

SD3.0

SCALE: NTS



Job #: CONVENTIONAL FRAMING, ERECTION AND/OF IT IS THE RESPONSIBILITY OF THE BUILDING 2507-2889 PERMANENT BRACING IS NOT THE RESPONSIBILITY OF DESIGNER OR ARCHITECT TO PROVIDE AN THE TRUSS DESIGNER. PLATE MANUFACTURER. OR THE APPROPRIATE CONNECTION FOR TRUSSES TO SUPPORTING STRUCTURE PER REACTIONS SHOWN TRUSS MANUFACTURER. PERSONS ERECTING TRUSSES ARE CAUTIONED TO SEEK PROFESSIONAL ON TRUSS ENGINEERING. SPECIAL CONSIDERATIONS ADVICE REGARDING THE ERECTION BRACING WHICH FOR MECHANICAL EQUIPMENT AND/OR PLUMBING ALWAYS REQUIRED TO PREVENT TOPPLING AND (AND THEIR CONNECTIONS) IN TRUSS SPACE MUST DOMINOING DURING ERECTION; AND PERMANENT BE DIAGRAMMED BY BUILDER ON APPROVED TRUSS BRACING WHICH MAY BE REQUIRED IN SPECIFIC LAYOUT PRIOR TO FABRICATION. APPLICATIONS. SEE "BRACING WOOD TRUSSES Designer: THIS COMPANY IS A TRUSS MANUFACTURER WHOSE RESPONSIBILITIES ARE LIMITED TO THOSE DESCRIBED IN WTCA 1-1995 "DESIGN TRUSSES SHALL BE INSTALLED IN A STRAIGHT AND RESPONSIBILITIES". ACCORDINGLY, IT DISCLAIMS Rajkumar yadav Sales Rep: ANY RESPONSIBILITIES AND/OR LIABILITY FOR THE PLUMB POSITION WHERE NO SHEATHING IS APPLIED DIRECTLY TO TOP AND/OR BOTTOM CHORDS, THEY CONSTRUCTION DESIGN, DRAWINGS, DOCUMENTS INCLUDING THE INSTALLATION, AND BRACING OF DESIGN. TRUSSES SHALL BE HANDLED WITH TRUSSES MANUFACTURED BY THIS COMPANY.

Robbie Zarobinski

REASONABLE CARE DURING ERECTION TO PREVENT

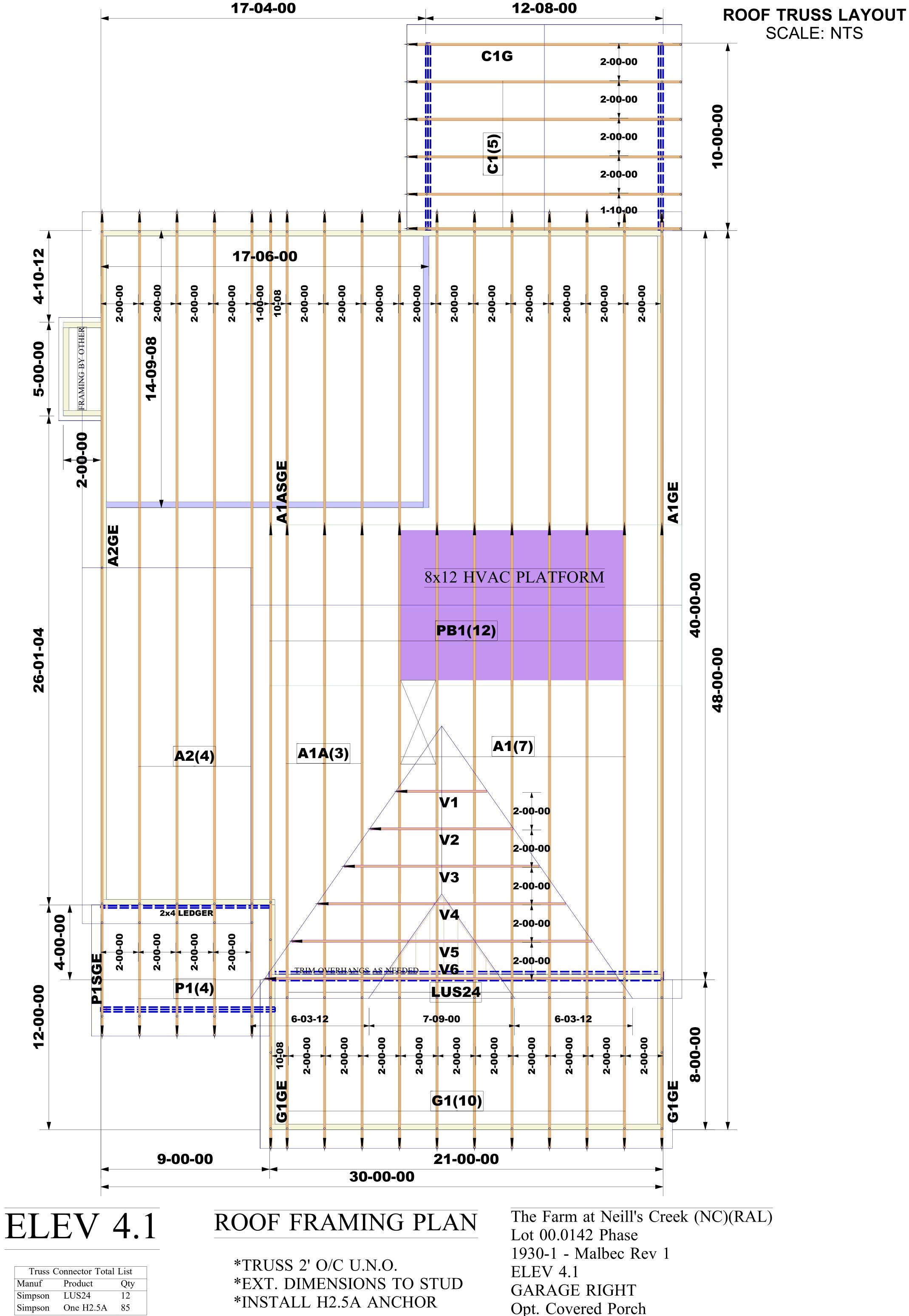
Job Name: The Farm at Neills Creek Lot 00.0142 OWF <u>ot #:</u> 00.0142

Model Name: Malbec



Phone: 301-271-7591





The Farm at Neill's Creek (NC)(RAL)

SCALE: NTS

Job #: 2507-2893	CONVENTIONAL FRAMING, ERECTION AND/OR PERMANENT BRACING IS NOT THE RESPONSIBILITY OF THE TRUSS DESIGNER, PLATE MANUFACTURER, OR THE TRUSS MANUFACTURER. PERSONS ERECTING TRUSSES ARE CAUTIONED TO SEEK PROFESSIONAL ADVICE REGARDING THE ERECTION BRACING WHICH IS ALWAYS REQUIRED TO PREVENT TOPPLING AND DOMINOING DURING ERECTION; AND PERMANENT BRACING WHICH MAY BE REQUIRED IN SPECIFIC	NOTE: IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER OR ARCHITECT TO PROVIDE AN APPROPRIATE CONNECTION FOR TRUSSES TO SUPPORTING STRUCTURE PER REACTIONS SHOWN ON TRUSS ENGINEERING. SPECIAL CONSIDERATIONS FOR MECHANICAL EQUIPMENT AND/OR PLUMBING (AND THEIR CONNECTIONS) IN TRUSS SPACE MUST BE DIAGRAMMED BY BUILDER ON APPROVED TRUSS LAYOUT PRIOR TO FABRICATION.	Customer: DRB Raleigh Job Name: The Farm at Neills Creek Lot 00.0142 Roof	Third-Party Quality Assurance Licensee TPI Plant W974	
Designer: Sagar Banik	APPLICATIONS. SEE "BRACING WOOD TRUSSES COMMENTARY AND RECOMMENDATIONS" (BCSI 1) FOR FURTHER INFORMATION. TRUSSES SHALL BE INSTALLED IN A STRAIGHT AND PLUMB POSITION WHERE NO SHEATHING IS APPLIED DIRECTLY TO TOP AND/OR BOTTOM CHORDS. THEY	THIS COMPANY IS A TRUSS MANUFACTURER WHOSE RESPONSIBILITIES ARE LIMITED TO THOSE DESCRIBED IN WTCA 1-1995 "DESIGN RESPONSIBILITIES". ACCORDINGLY, IT DISCLAIMS ANY RESPONSIBILITIES AND/OR LIABILITY FOR THE CONSTRUCTION DESIGN, DRAWINGS, DOCUMENTS	Lot #: 00.0142	Structural, LLC 201 Poplar Avenue Thurmont, MD 21788	
Sales Rep: Robbie Zarobinski	SHALL BE BRACED AS SPCIFIED ON THE ENGINEERED DESIGN. TRUSSES SHALL BE HANDLED WITH REASONABLE CARE DURING ERECTION TO PREVENT DAMAGE OR PERSONAL INJURY.	INCLUDING THE INSTALLATION, AND BRACING OF TRUSSES MANUFACTURED BY THIS COMPANY.	Model Name: Malbec	Phone: 301-271-7591	