COOPER 3-RALE

RALEIGH - LOT 00.0176 THE FARM AT NEILL'S CREEK

(MODEL# 1777)

ELEVATION 1 - GL

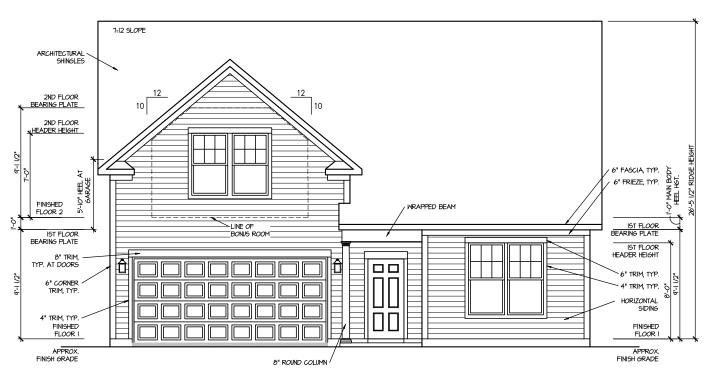


| ABEA ON OUR ATIONS | | | | |
|---------------------------|-------|---------|-----------------------|-----------|
| AREA CALCULATIONS | | | COVEDED / | |
| ELEVATION 1 | | HEATED | COVERED / UNHEATED | UNCOVERED |
| FIRST FLOOR | | 1777 SF | ONTILATED | ONCOVERED |
| GARAGE | | 1777 31 | 394 SF | |
| FRONT PORCH - ELEVATION 1 | | | 33 SF | |
| FRONT PORCH - ELEVATION T | | | 33 SF | |
| 00710110 | | | | |
| OPTIONS | | | | |
| BONUS ROOM | | 430 SF | | |
| BEDROOM 4 | | 168 SF | | |
| | | | | |
| | | | | |
| | ΓΟΤΑL | 2375 SF | 427 SF | |
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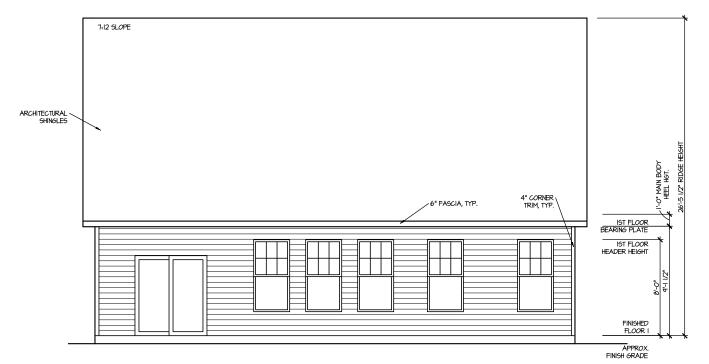
167 Appleseed Drive

| LOT | SPECIFIC | |
|-----|----------|---------------------------------------|
| 1 | | THE FARM AT NEILL'S CREEK |
| | | COOPER 3 REV. RALE 4 ELEVATION 1 |
| 2 | ADDRESS | 167 APPLESEED DR LILLINGTON, SC 27546 |
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FRONT ELEVATION I SCALE: 1/8" = 1'-0"



REAR ELEVATION I SCALE: 1/0" = 1'-0" DRAWN BY:
ITS
DATE:
03/28/2025
PLAN NO.
1777



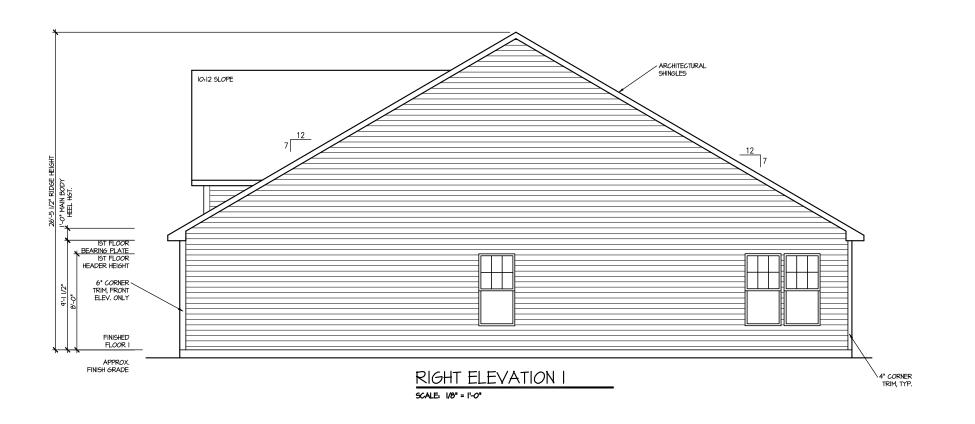
TITLE

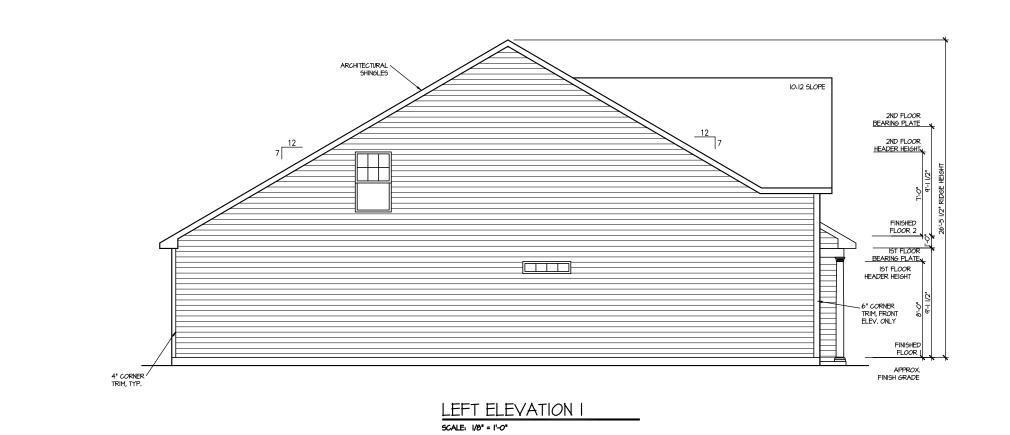
REAR ELEVATIONS

HOUSE NAME:
COOPER
DRAWING TITLE

SHEET No.

EET No.





DRAWN BY: DATE: 03/28/2025

PLAN NO. 1777



ELEVATIONS

HOUSE NAME:
COOPER
DRAWING TITLE
RIGHT & LEF

SHEET No.

ROOF VENTILLATION CALCULATIONS:
ROOF AREA = 239 50 EF,
ROOF ALEX BEGINSTON STATEMENT OF THE STATEMENT OF THE

LOHER VENTING. (BOTTOM 2/3 RDS)

T4 LINEAR FIET OF SOFFIT X 5.1 5c. N. = 2.43 5c. FT.

14 LINEAR FIET OF ROSE X 10 5c. N. = 4.06 5c. FT.

15 LINEAR FIET OF ROSE X 10 5c. N. = 4.06 5c. FT.

16 30 50 ALLOWED)

TOTAL ROOF VENTLATION. 10 15c. FT. > 1.72 5c. FT. (Rot)

12" OVERHANG AT REAR (TYP.) APPROX. LOCATION OF RAISED TREY AT FAMILY ROOM LINE OF BONUS W/ BED 4 12" OVERHANG AT SIDES (TYP.) 39 LF RIDGE VENT

HVAC PLATFORM
8' X 12' TYP. ATTIC ACCESS PER DIV. SPECS. FIELD VERIFY LOCATION ATTIC ACCESS -ATTIC ACCESS 12" OVERHANG -AT PORCH SIDE / 10:12/ /SLOPE/ IO:12 SLOPE 12" OVERHANG AT PORCH SIDE 12" OVERHANG AT FRONT (TYP.)

DRAWN BY:

DATE: 03/28/2025

PLAN NO. 1777

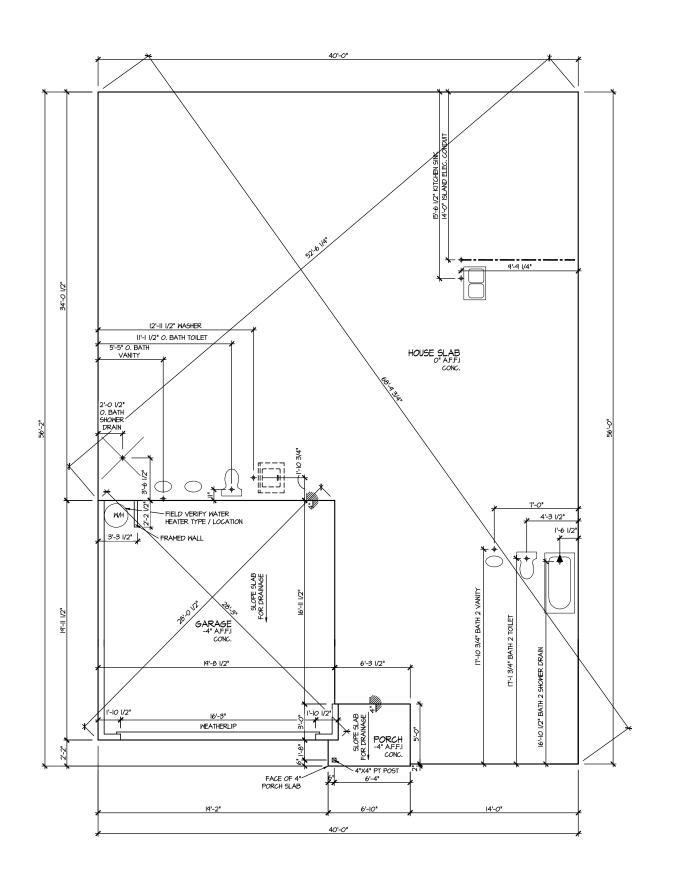


8 HOUSE NAME:
COOPER
DRAWING TITLE

SHEET No.

ROOF PLAN ELEV. I

AI.3



| | | UPDATED DATE | 02-19-2025 | | | | |
|---|-------------------------|---------------|------------|-------------------|-----|----|--|
| | MASTER PLAN INFORMATION | DATE | 02-24-2022 | | | | |
| | MASTER PL | REVISION DATE | 4-RALE | | | | |
| Ī | DR DA | AWN | | Y: ITS '28, | /20 | 25 | |

PLAN NO. 1777

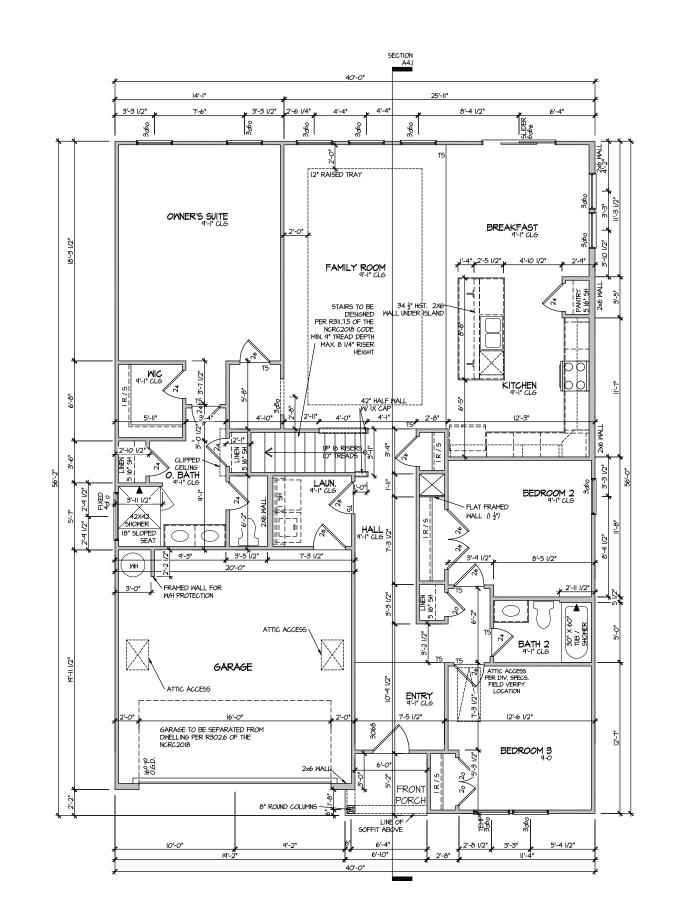


8 HOUSE NAME:
COOPER
DRAWING TITLE
SLAB PLAN

SHEET No.

ELEVATION I SLAB PLAN SCALE: 1/8° = 1'-0°

A2.1



ELEVATION I FIRST FLOOR PLAN

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

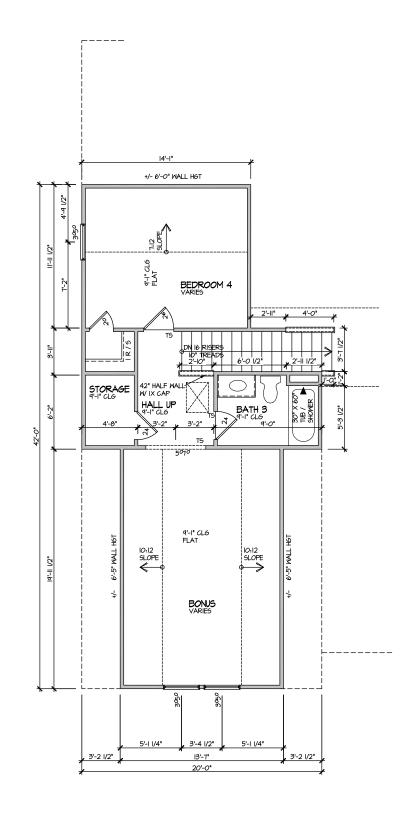
HOUSE NAME:
COOPER
DRAWING TITLE

2

DRAWN BY: DATE: 03/28/2025

PLAN NO. 1777

SHEET No. A3.1



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

DRAWN BY:

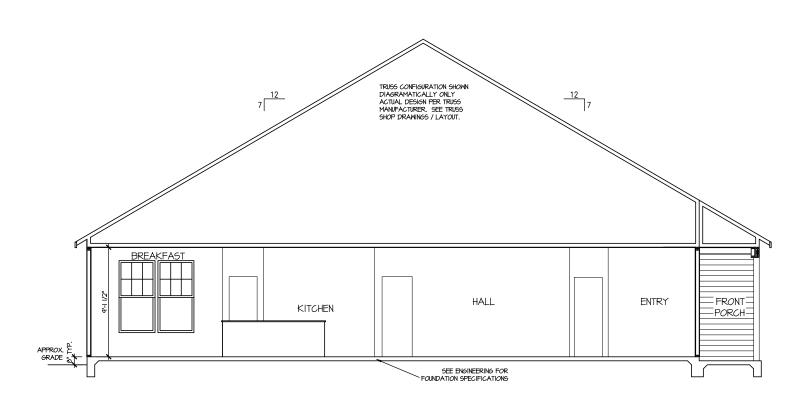
DATE: 03/28/2025 PLAN NO. 1777



HOUSE NAME:
COOPER
DRAWING TITLE
SECOND FLO

SHEET No.

A3.2



BUILDING SECTION SCALE: 1/8" = 1/-0"

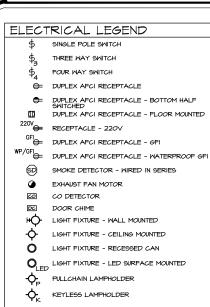
DATE: 03/28/2025

DRAWN BY: PLAN NO. 1777

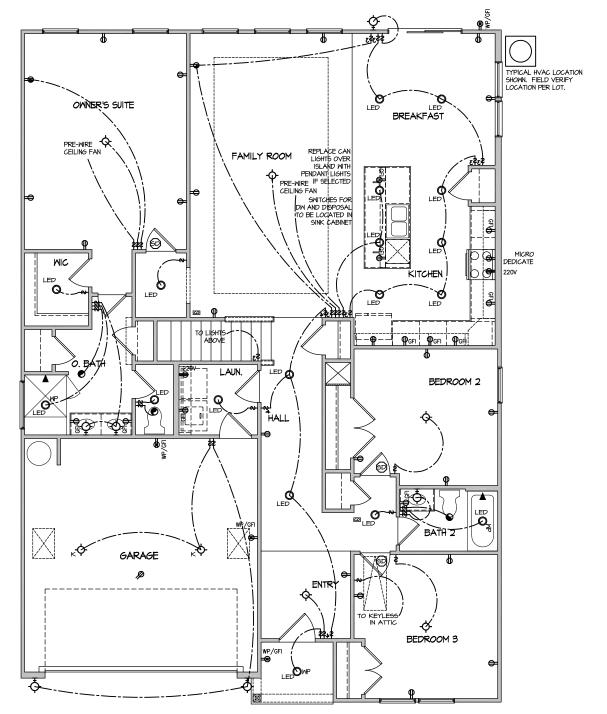


9 〒0 □ HOUSE NAME:
COOPER
DRAWING TILE
BUILDING SE

> SHEET No. A4.1



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. I

DRAWN BY: DATE: 03/28/2025 PLAN NO. 1777

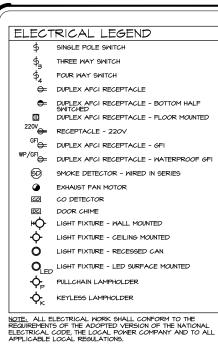


ᇳ HOUSE NAME:
COOPER
DRAWING TITLE

SHEET No.

3

=|.|



BEDROOM 4 PEDP BATH 3 STORAGE = LEDG BONUS

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

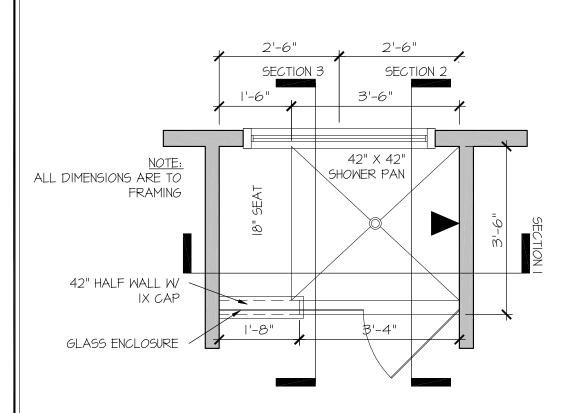
SHEET No.

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DRAWN BY:

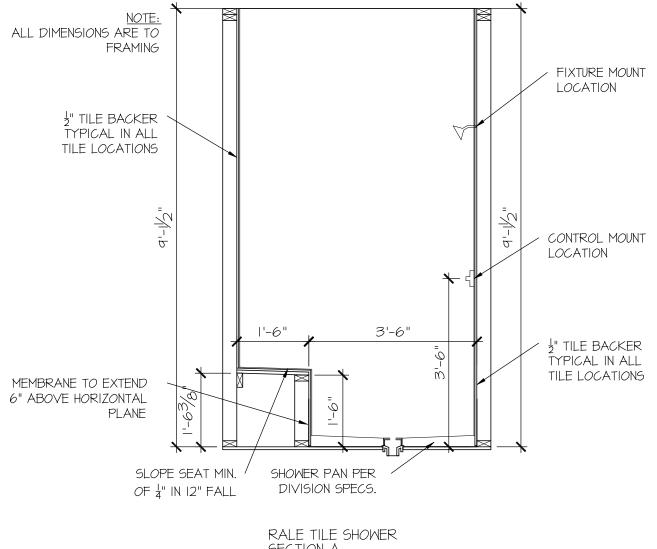
PLAN NO. 1777

DATE: 03/28/2025



RALE TILE SHOWER 42" X 42" W 18" SEAT

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



SECTION A

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

CONSULTANT LOGO

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

11 X 17 SCALE

24 X 36 SCALE



DETAIL SHOWER RALE

SHEET No.



SEAL

DRAWN BY:
L. BEAVERS
DATE: 9/1/22

PLAN NO.

24 X 36 SCALE

~ "

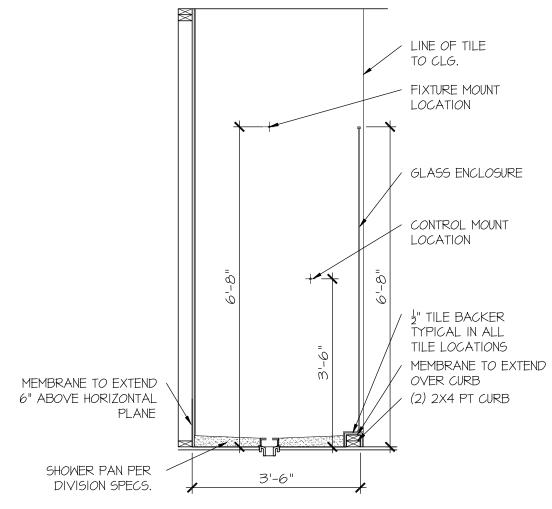


E ILE SHOWER DETAIL

OUSE NAME:

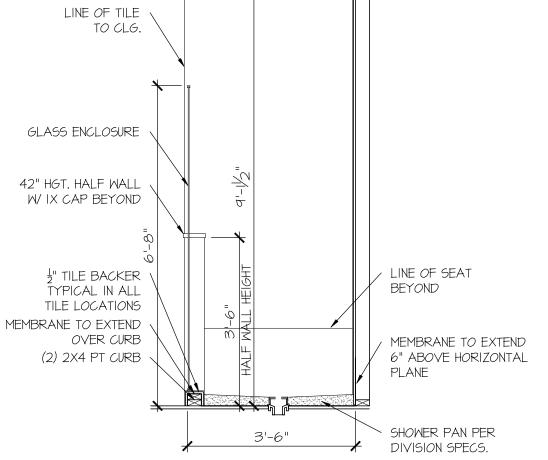
SHEET No.

P||.2



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





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

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 2x4/6 SILL PLATES TO FND WITH A MINIMUM OF 2 ANCHORS PER PLATE 12" MAX FROM PLATE ENDS - LITH 17ING
- (CONC.) 15" MIN EMBEDMENT (CMU)
- SIMPSON MASA ANCHOR STRAPS @ 6'-0" O.C. (CONC)
- (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 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 ACL 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
- BASEMENT FOUNDATION WALL DESIGN BASED ON:
- . 9' OR IO' HEIGHT (AS NOTED ON PLANS)
- TALLER WALLS MUST BE ENGINEERED.
- NOMINAL WIDTH (9 ½" 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. REINFORGEMENT 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.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 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" OC (MAXIMUM) JOINT GRID PATTERN SHALL BE AS CLOSE TO SQUARES AS
- POSSIBLE (I.I RATIO) WITH A MAXIMIM OF I.I.S PATIO
- · CONTROL JOINTS SHALL NOT BE INSTALLED IN STRUCTURAL
- CONCRETE MASONRY UNITS (CMU) SHALL BE ASTM C90 WITH A MIN. COMPRESSIVE STRENGTH OF 1900 psi (Fm=1500 psi). MORTAR SHALL BE ASTM C270, TYPE S. CMU DESIGN PER ACI 530 & 530.1.
- 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 CRAW 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.
- 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

GENERAL STRUCTURAL NOTES

- DESIGN IS BASED ON 2018 NORTH CAROLINA STATE BUILDING CODE
- WOOD FRAME ENGINEERING IS BASED ON NDS, "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" - LATEST EDITION.
- DESIGN LOADS ROOF

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

LIVE = 40 PSE (30 PSE @ SLEEPING AREAS) DEAD = 10 PSF (1-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 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
- 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 SPRICE-PINE-FIR #2 (SPF) OR SOUTHERN PINE #2 (SYP) LIMBER, 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" O.C. (MAX., U.N.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=3I0 psi; E=I.55xI0^6 psi 'LVL' - Fb=2600 psi; Fv=285 psi; E=2.0xl0^6 psi
- 'PSL' 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 M+K FOR STRUCTURAL REVIEW PRIOR TO FABRICATION, DELIVERY, OR
- FOR 2 & 3 PLY BEAMS OF FOUAL WIDTH, FASTEN PLIES TOGETHER WITH 3 ROWS OF 3"x0.120" NAILS @ 8" O/C OR 2 ROWS 1/4"x31/5" 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. LOCATE 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
- FOR 4 PLY BEAMS OF EQUAL WIDTH, FASTEN PLIES TOGETHER WITH 3 ROWS OF 1/2"x6" SIMPSON SDS SCREWS (OR 6 3/4" TRUSSLOK SCREWS) @ 16" O/C. USE 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 SCREW 2" FROM EDGE. A SOLID 7" BEAM IS ACCEPTABLE.
- ALL HEADERS SHALL BE SUPPORTED BY (1)2x JACK STUD & (1)2x KING 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.

FLOOR FRAMING

- -JOISTS/TRUSSES SHALL BE DESIGNED BY MANUF. TO MEET OR EXCEED 1 /480 LIVE LOAD DEELECTION CRITERIA (EXCLUDES MARBLE FLOORS - CONTACT M&K 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 1" x 0 131" NAIL S @ 6"04 @ PANEL EDGES & @ 12"04 FIELD
- 2 3" × 0 120" NAILS @ 4" OC @ PANEL EDGES & @ 8" OC FIELD 2 3" x 0.113" NAILS @ 3" O.C. @ PANEL EDGES & @ 6" O.C. IN FIELD.
- #6 x 2" MIN. SCREWS @ 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 EACH 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) H2.5T CLIPS AT 3-PLY GIRDER TRUSSES & ROOF BEAMS - AT ALL BEARING POINTS.
- METAL HANGERS SHALL BE SPECIFIED BY THE MANUFACTURER, U.N.O.
- 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 FASTENED 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 1/16" A.P.A. RATED SHEATHING 24/16 EXPOSURE I (OR APPROVED EQUAL). FASTEN TO FRAMING MEMBERS
- w/ 2 1 x 0.131 NAILS @ 6 0c. @ PANEL EDGES & @ 12 0.C. FIELD.
- w/ 2 🐉 x 0.120" NAILS 🙍 4"o.c. 🙍 PANEL EDGES 🕻 🗖 8" O.C. FIELD.
- W/ 2 🖁 X O.II3" NAILS @ 3"O.C. @ PANEL EDGES \$ @ 6" O.C. FIELD.

HOLD-DOWN SCHEDULE

| 5YMB0L | SPECIFICATION |
|--------|--|
| ► HD-I | SIMPSON HTT4 HOLD-DOWN * (5/6" DIA. ANCHOR) |
| HD-2 | SIMPSON MSTC66 STRAP TIE (CENTER STRAP ON FLOOR SYSTEM UN.O.) -OR- MSTC66BB ALTERNATE |
| ► HD-3 | SIMPSON STHD14/STHD14RJ |

* UTIL 17F THE SSTB24 ANCHOR BOLT & ALL MONOSI AB & INTERIOR RAISED FOOTING THICKNESS REQUIRED. EPOXY-SET ALTERNATE FOR MONOSLAB & INTERIOR RAISED SLAB

CONDITIONS ONLY: UTILIZE SIMPSON 'SET' EPOXY SYSTEM TO FASTE HREADED ROD INTO CONCRETE FOUNDATION, PROVIDE IO" (FOR 5/8" DIA.) OR 15" (FOR 1/8" DIA.) MIN. EMBEDMENT INTO CONCRETE. INSTALL PER MANUF. INSTRUCTIONS. MINIMUM 16" FOOTING THICKNESS REQ'D. DO NOT LOCATE ANCHORS WITHIN I 3/4" OF EDGE OF CONCRETE.

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

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

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

LATERAL BRACING & SHEAR WALL SHEATHING SPECIFICATIONS

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

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

EXT. WALL SHEATHING SPECIFICATION

- 7/16" OSB OR 15/32" PLYWOOD: FASTEN SHEATHING W/ 2 ¾"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.
- ・ALT. STAPLE CONNECTION SPEC: 1 名" 16 GA STAPLES

BLOCKED PANEL EDGES

%" x 0.113" NAILS @ 6" O.C. AT ALL PANEL EDGES AND 12" O.C. IN THE PANEL FIELD OR 1 %" 16 GA STAPLES (%" 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 FDGES & FDGE FASTENING

• 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 OF SHEAR WALL OR 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT UNSUPPORTED PANEL EDGES AND 3" O.C. EDGE FASTENING

- 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
- PRE-MANUFACTURED PANELIZED WALLS: FASTEN TOGETHER END STUDS OF WALL PANELS SHEATHED W/ OSB OR PLYWOOD W/ 3" x 0.120"

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

INDICATES HOLDOWN BELOW

) MPH WIND IN 2018 NCSBC:R(

(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 R301.13 OF THE 2018 NCSBC:RC, OR THE SIMPLIFIED PRESCRIPTIVE PROCEDURE IN ACCORDANCE WITH THE 2015 IRC. IF THE PARAMETERS OF SECTION R60212 COMPLY CCORDINGLY, THIS MODEL, AS DOCUMENTED AND DETAILED HEREWITHIN, IS ADEQUATE TO RESIST

THE CODE REQUIRED LATERAL FORCES.

SECTIONS R602.3.5¢ R802.II.

- ALL EXT. WALLS SHALL BE CONTINUOUSLY SHEATHED AND ARE CONSIDERED SHEAR WALLS.
- ■ FAM / HEADER (1/6" CROWN) @ 3" O.C. AT EDGES & @ 6" O.C IN FIELD.

AT DESIGNATED AREAS - FASTEN SHEATHING w/ 2

3" O.C. EDGE NAILING

- SEE CONNECTION SPECIFICATIONS CHART FOR
- APPLIED TO STUD FRAMING.
- NAILS @ 4" O.C. (THRU ONE SIDE ONLY)

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"x¼" |
| 6'-0" | I2 FT. MAX | L4"x3"x¼" |
| | 20 FT. MAX | L5"x3½"x%" |
| | 3 FT. MAX | L4"x4"x¼" * |
| 8'-0" | I2 FT. MAX | L5"x3½"x%" |
| | I6 FT. MAX | L6"x31½"x3%" |
| 4'-6" | I2 FT. MAX | L6"x31½"x"%" |
| 16'-0" | 2 FT. MAX | L7"x4"x½" ** |
| 10-0 | 3 FT. MAX | L8"x4"x½" ** |

LLIMIELS: SHALL SIPPORT 2 ½" - 3 ½" VENEER W 40 PAF MAXIMUM MEIGHT. 16' SHALL HAVE 4" MIN. BEARING 16' SHALL HAVE 5" MIN. BEARING 16' SHALL NOT DE FASTENED BACK TO HEADER. 16' SHALL DE FASTENED BACK TO MODD HEADER. IN WALL @48'O.C.

w/ $\mbox{\ensuremath{\not{k}}}$ " DIA, x 3 $\mbox{\ensuremath{\not{k}}}$ " LONG LAG SCREWS IN 2" LONG VERTICALLY SLOTTED HOLES.

IAX. VENEER HT. APPLIES TO ANY PORTION OF BRICK OVER THE

OPENING.
VILLINITELS SHALL BE LONG LEG VERTICAL.
WHEN SUPPORTING VENEER (3" MIDE THE EXTERIOR TOE OF THE
HORIZONTAL LEG MAY BE CUT IN THE FIELD TO BE 3 %," MIDE OVER
THE BEARING LENGTH ONLY, THIS IS TO ALLOW FOR MORTAR JOINT

FINISHING. BEE STRUCTURAL PLANS FOR ANY LINTEL CONDITION NOT NCOMPASSED BY THE ABOVE PARAMETERS, FOR ANY LINTEL ASTENED BACK TO BEAM, FASTINERS SHALL MAINTAIN A 25" MINIMM) CLEAR DISTANCE FROM BOTTOM OF BEAM. MINITUMY CLEAR DISTANCE FROM BOTTOM OF BEAM. FOR QUEEN VENEER USE L4x3%/". FOR 3%" VENEER ONLY, SEE PLAN FOR VENEER SUPPORT IF VENEER < 3%" THICK.

LEGEND

- INTERIOR BEARING WALL
- □===□ BEARING WALL ABOVE
- ■ INDICATES SHEAR WALL & EXTENT
- EXTENT OF OVERFRAMING
- JL METAL HANGER
- INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.
- NDICATES HOLD-DOWN OR STRAP. 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)2×4 |
| UP TO 8'-0" | (2)2x6 | (3)2×6 |
| UP TO 12'-0" | (2)2x8 | (3)2×8 |

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

ENGINEERED BEAM MATERIAL SCHEDULE

| BEAM NUMBER | LVL OPTION | PSL OPTION | LSL OPTION | FLITCH OPTION | STEEL OPTION |
|----------------|------------------|---------------|---------------------|--|--------------|
| 001 | (2)1¾"x11%" - F | 3½"xII%" - F | (3)1¾"x11%" - F | (2)2xl2 + (l) %"xl以" STEEL FLITCH PLATES - F | WI2xI4 - F |
| 002 | (3)1¾"x11½" - F | 5¼"×11%" - F | (4)1¾"x11½" - F | (2)2xi2 + (I) %"xil4" STEEL FLITCH PLATES - F | WI2xI4 - F |
| 003 | (2)1¾"x11½" - F | 3½"x11%" - F | (3)1¾"×11½" - F | (2)2xi2 + (I) %"xil4" STEEL FLITCH PLATES - F | WI2xI4 - F |
| 004 | (2)1%"×11 ½" - D | 3%"x ½" - D | (2)13/4"×117/4" - D | (2)2xI0 + (I) %"xII4" STEEL | WBXIO - D |

- BEAM NOTATION: "F" INDICATES FLUSH BEAM
- "FT" INDICATES FLUSH TOP BEAM "FB" INDICATES FLUSH BOTTOM BEAM
- "H" INDICATES DROPPED OPENING HEADER

PLATES IN SUCCESSION w/ (2) 3"x0.120" NAILS @ 8" O.C.

- REFER TO DETAIL D/502.0 FOR TYPICAL FLITCH BEAM CONNECTIONS
 REFER TO DETAIL E/5D2.0 FOR TYPICAL STEEL BEAM CONNECTIONS
 FOR FLUSH TOP BEAMS PROVIDE 2X STACKED PLATES BENEATH BEAM AS REQ'D. FASTEN
- PLATES IN SICCESSION W/ (2) 3"X0 120" NAILS @ 8" OC FOR FLUSH BOTTOM BEAMS PROVIDE 2x STACKED PLATES ATOP BEAM AS REQ'D. FASTEN

H CAR EESSIO

ERN+KU

4/4/2

1&K project numbe 126-22076 **JTR**

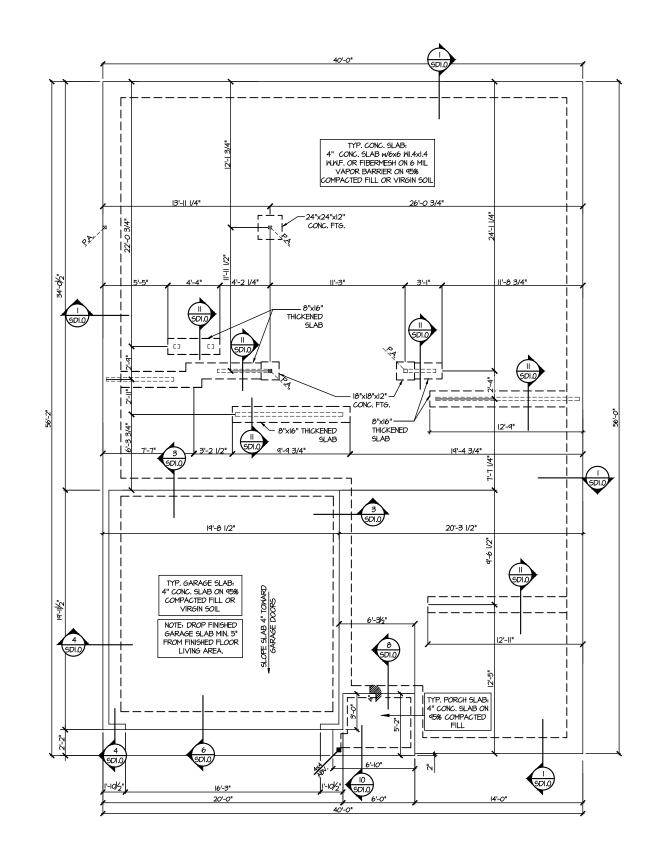
KJN

initial:

sue date: 03-31-2 REVISIONS

rawn by:

 $\bigcap_{i=1}^{n}$ \mathcal{S} NEIL' AT ARM



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

MUCHERN+KULP

RESIDENTIAL STRUCTURAL ENGINEERING Y

"H CAR

M&K project number: 126-22076

4/4/25

JTR drawn by: issue date: 03-31-25

initial:



CREEK

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

• IIIIIII INTERIOR BEARING WALL

● □===□ BEARING WALL ABOVE

EXTENT OF OVERFRAMING

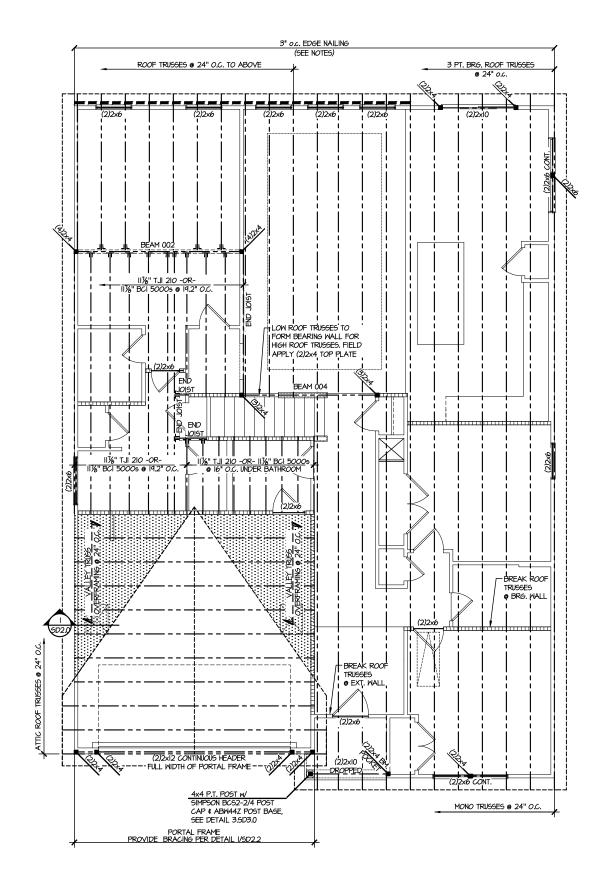
INDICATES HOLD-DOWN OR STRAP.
REFER TO SCHEDULE.

• ---- BEAM / HEADER

JL METAL HANGER

FARM AT NEIL'S Lot 176 - cooper 1 raleigh, nc OUNDATION |

S1.0



SECOND FLOOR/LOW ROOF FRAMING PLAN SCALE: |/8"=|'-0"

4/4/25 "H CAR SEPH T. R

MUCHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING Y

M&K project number 126-22076

JTR drawn by: KJN issue date: 03-31-25

REVISIONS:

initial:

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

| | ENGINEERED BEAM MATERIAL SCHEDULE | | | | | |
|---|-----------------------------------|---------------------|---------------|-------------------|---|--------------|
| | BEAM NUMBER | LVL OPTION | PSL OPTION | LSL OPTION | FLITCH OPTION | STEEL OPTION |
| I | 001 | (2)13/4"×117/6" - F | 3½"xII%" - F | (3)1¾"x11%" - F | (2)2xl2 + (l) 🐉 "xll". STEEL FLITCH PLATES - F | WI2xI4 - F |
| | 002 | (3)13/4"x117/6" - F | 5¼"×II%" - F | (4)1¾"x11%" - F | (2)2xl2 + (l) %"xll4" STEEL FLITCH PLATES - F | WI2xI4 - F |
| | 600 | (2)134"x1136" - F | 3½"×II%" - F | (3)1¾"x11%" - F | (2)2xi2 + (l) %"xi以" STEEL FLITCH PLATES - F | WI2xI4 - F |
| | 004 | (2)194"xII ¼" - D | 3½"xII ¼" - D | (2)134"x1136" - D | (2)2xl0 + (l) %"xll以" STEEL FLITCH PLATES - D | W8X10 - D |

- DEAM NOTATION:

 "F" INDICATES FLUSH BEAM

 "F" INDICATES FLUSH BOTTOM BEAM

 "F" INDICATES FLUSH BOTTOM BEAM

 "B" 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 DEAMS PROVIDE 2X STACKED PLATES BENEATH BEAM AS REQ'D. FASTEN PI ATTES IN SICCESSION W (2) 3*YOLD" NALLS @ 8" OC. PLATES IN SUCCESSION W (2) 3"XO.120" NAILS @ 8" O.C.
 FOR FLUSH BOTTOM BEAMS PROVIDE 2X STACKED PLATES ATOP BEAM AS REQ'D. FASTEN
 PLATES IN SUCCESSION W (2) 3"XO.120" NAILS @ 8" O.C.

CREE AT NEIL'S (
- COOPER 1 FARM LOT 176 - CORREIGH, N

MUCHERN+KULP

RESIDENTIAL STRUCTURAL ENSINEERING

STRUCTURAL ARTINITY THE PROPERTY OF THE PROP Y

M&K project number: 126-22076

JTR drawn by: KJN issue date: 03-31-25

REVISIONS:

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BLOCKING UNDER POST OR JAMB ABOVE. INDICATES HOLD-DOWN OR STRAP.
REFER TO SCHEDULE.

* INDICATES POST ABOVE. PROVIDE SOLID

LEGEND

• = = INDICATES SHEAR WALL & EXTENT EXTENT OF OVERFRAMING

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

JL METAL HANGER

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

| | ENGINEERED BEAM MATERIAL SCHEDULE | | | | |
|----------------|-----------------------------------|---------------|-------------------|--|--------------|
| BEAM NUMBER | LVL OPTION | PSL OPTION | LSL OPTION | FLITCH OPTION | STEEL OPTION |
| 001 | (2)13/4"×117/6" - F | 3½"xII%" - F | (3)1¾"x11¾" - F | (2)2xl2 + (l) 🐉 "xll" STEEL FLITCH PLATES - F | WI2xI4 - F |
| 002 | (3)13/4"x117/6" - F | 5¼"×II%" - F | (4)1¾"x11%" - F | (2)2xl2 + (l) %"xll4" STEEL FLITCH PLATES - F | WI2xI4 - F |
| 003 | (2)1¾"×11%" - F | 3½"xII%" - F | (3)1¾"x11¾" - F | (2)2xl2 + (l) %"xl以" STEEL FLITCH PLATES - F | WI2xI4 - F |
| 004 | (2)194"xII ¼" - D | 3½"xII ¼" - D | (2)13/4"x11%" - D | (2)2xl0 + (I) %"xll以" STEEL FLITCH PLATES - D | MBXIO - D |

- BEAM NOTATION:

 "F" INDICATES FLUSH BEAM
 "FT" INDICATES FLUSH BEAM
 "FT" INDICATES FLUSH BOTTOM BEAM
 "FB" INDICATES FLUSH BOTTOM BEAM
 "TO" INDICATES FLUSH BOTTOM BEAM
 "TO" INDICATES DROPPED DEAM
 "T" INDICATES DROPPED DEAM
 TYPICAL FLITCH BEAM CONNECTIONS
 REFER TO DETAIL DSD2.0 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"X0.120" NAILS @ 8" OC.

ROOF TRUSSES 24" O.C. TO BELOW

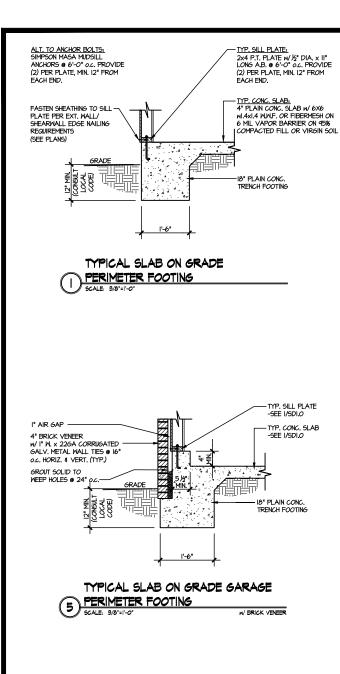
FORM BEARING WALL FOR HIGH ROOF TRUSSES. FIELD APPLY (2)2x4 TOP PLATE

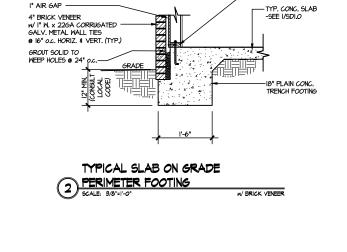
HIGH ROOF FRAMING PLAN

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

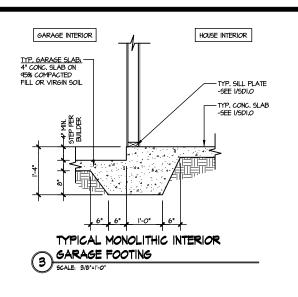
LOCATE ATTIC ACCESS BETWEEN

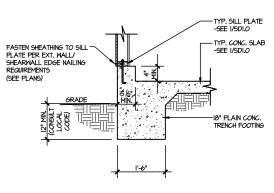
FARM AT NEIL'S LOT 176 - COOPER 1 RALEIGH, NC





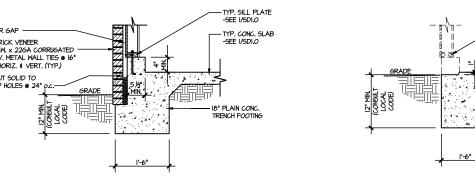
TYP, SILL PLATE -SEE I/SDI.O

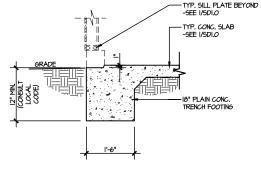


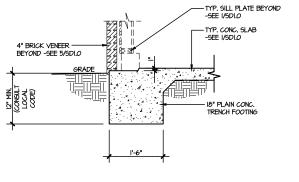


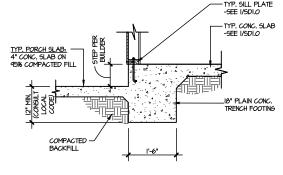
TYPICAL SLAB ON GRADE GARAGE PERIMETER FOOTING

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





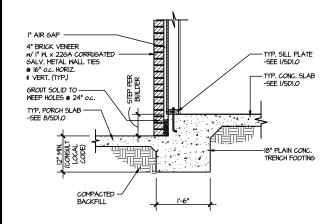


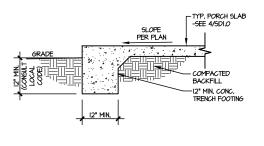


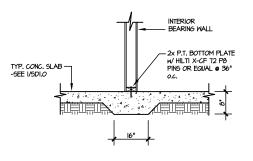


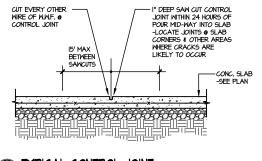
TYPICAL SLAB ON GRADE GARAGE ENTRY @ PERIMETER FOOTING











TYPICAL SLAB ON GRADE PERIMETER FOOTING @ PORCH/PATIO

TYPICAL FOOTING @ PORCH SLAB

TYPICAL THICKENED SLAB @ INTERIOR BEARING WALL

TYPICAL CONTROL JOINT SCALE: 9/8"=1"-0" LOCATE @ 15'-O" o.c. MAX, OR CORNERS WHERE CRACKS LIKELY TO DEVELOP

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.

4/4/2

STRUCTURAL ENGINEER

M&K project number: 126-22076

frawn by:

REVISIONS

JTR

KJN ssue date: 03-31-2

initial:

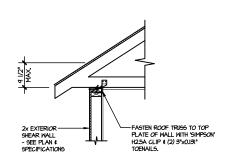
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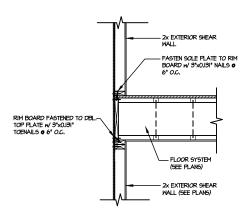
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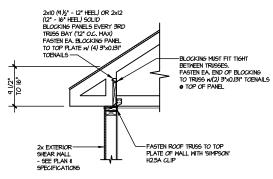
TYPICAL SHEAR

TRANSFER DETAIL @ ROOF Al TRANSFER

HEEL HEIGHT LESS THAN 9½" NO BLOCKING REQ'D



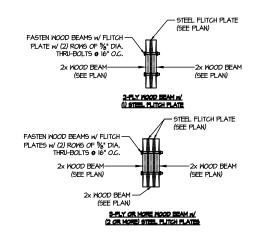
TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL SCALE: 3/8'=1'-0'



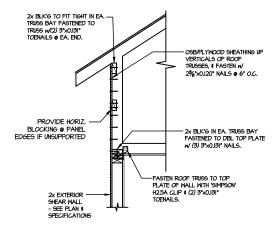
TYPICAL SHEAR

TRANSFER DETAIL @ ROOF
SCALE: 3/8'=1'-0' HEEL HEIGHT BETWEEN 9/

HEEL HEIGHT BETWEEN 9 ½" - 16" BLOCKING REQ'D



TYPICAL FLITCH BEAM CONNECTION DETAIL SCALE 944-91-0*

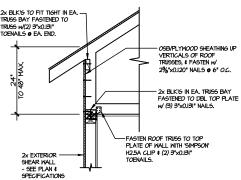




- HOLD-DOWN (SEE PLANS)

- Anchor (refer to hold-down schedule on Plan) into concrete or 3,000 psi grouted

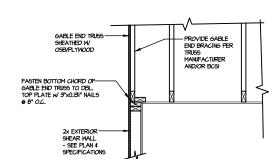




TYPICAL SHEAR TRANSFER

DETAIL @ RAISED HEEL TRUSS

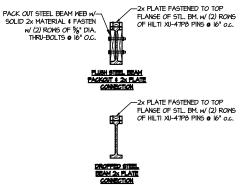
SCALE: 3/8':1'-0' HEEL HEIGHT UP TO 48" MAX.



TYPICAL GABLE END DETAIL

SCALE: 9/0"=1"-0"

MULHERN+KU
RESIDENTIAL STRUCTURAL ENGINE Y



TYPICAL STEEL BEAM CONNECTION DETAIL SCALE 944-1-07

 \bigcup A F NEIL'S (
COOPER 1 DETAIL Ŋ FARM

LOT 176 - (RALEIGH, 1

M&K project number:

drawn by:

REVISIONS:

126-22076

issue date: 03-31-25

JTR

initial:

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H CAR

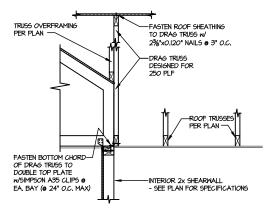
SEPH T. R

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

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

PROVIDE MIN. (2) STUDS @ HOLD-DOWN LOCATION —

SHEAR TRANSFER DETAIL @ BREAK IN TRUSSES OVER SHEAR WALL



SHEAR TRANSFER DETAIL

AT INTERIOR SHEARWALL BELOW

8042 944-140

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.

OR ROFES SEPH T. RI

4/4/25

MUCHERNAL KULP



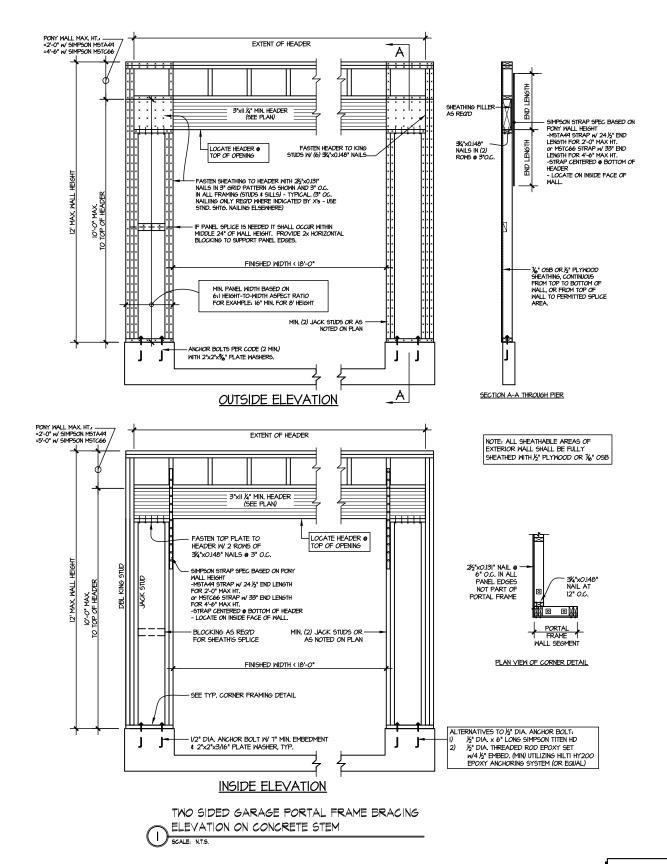
M&K project number: 126-22076

JTR drawn by: KJN issue date: 03-31-25

REVISIONS:

initial:

CREEK FRAMING DETAILS FARM AT NEIL'S (LOT 176 - COOPER 1 RALEIGH, NC



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4/4/25

MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING

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M&K project number: 126-22076

drawn by:

REVISIONS:

JTR

KJN

initial:

issue date: 03-31-25

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

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

NUMBERED DETAILS ARE PLAN

RAMING DETAILS FARM AT NEIL'S (LOT 176 - COOPER 1

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MUCHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING Y

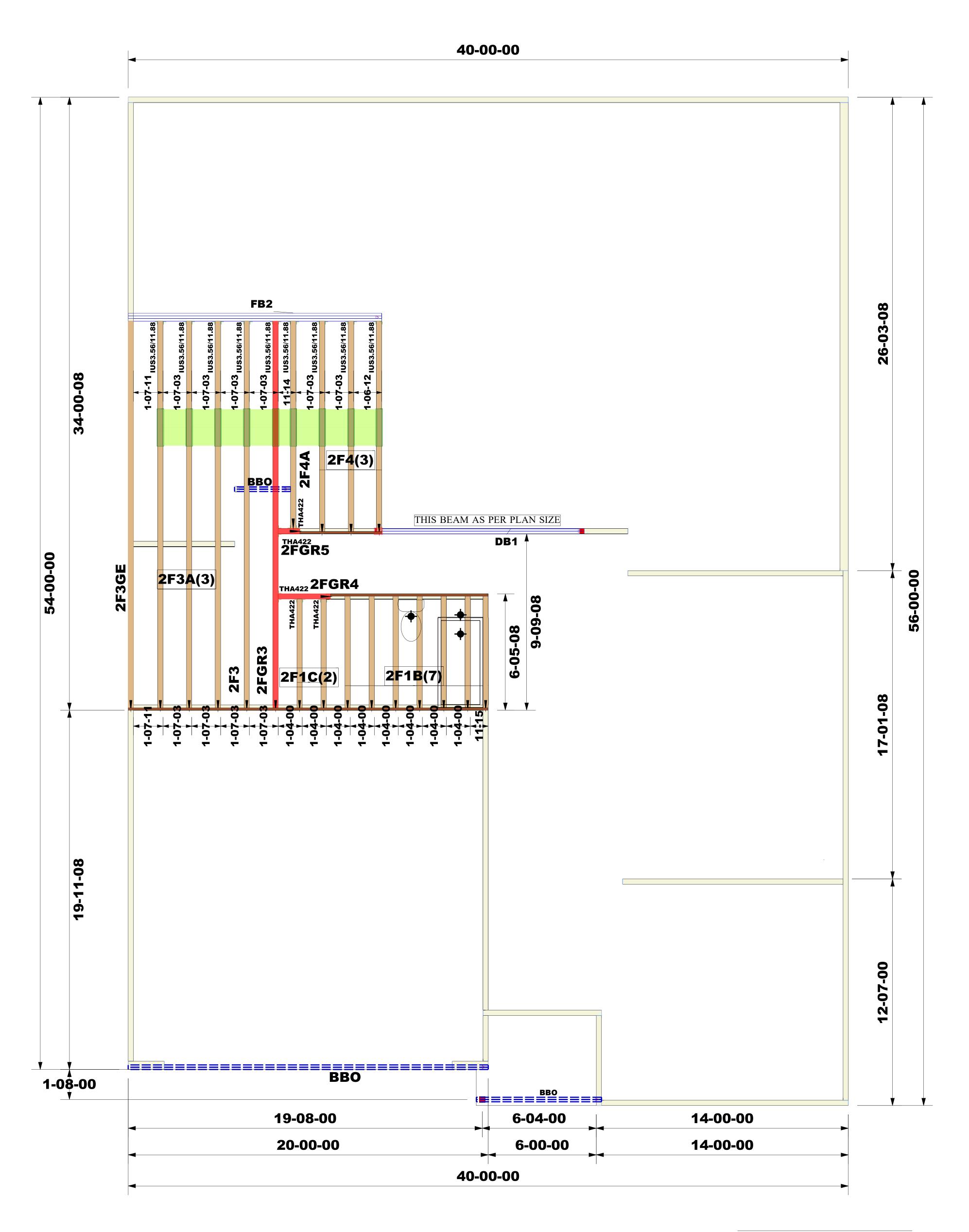
M&K project number: 126-22076

JTR drawn by: KJN issue date: 03-31-25

FARM AT NEIL'S CREEK LOT 176 - COOPER 1 RALEIGH, NC

FRAMING DETAILS

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



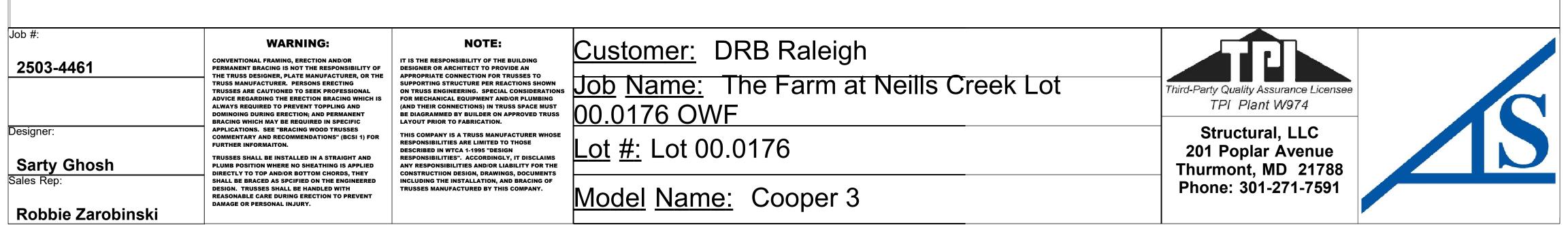
- * EXTERIOR DIMENSIONS ARE TO STUD
- * INSTALLATION OF STRONGBACKS RECOMMENDED (NOT REQUIRED)
- * INSTALL 2X4 NAILER ON ALL TOP RIBBON NOTCH CONDITIONS.

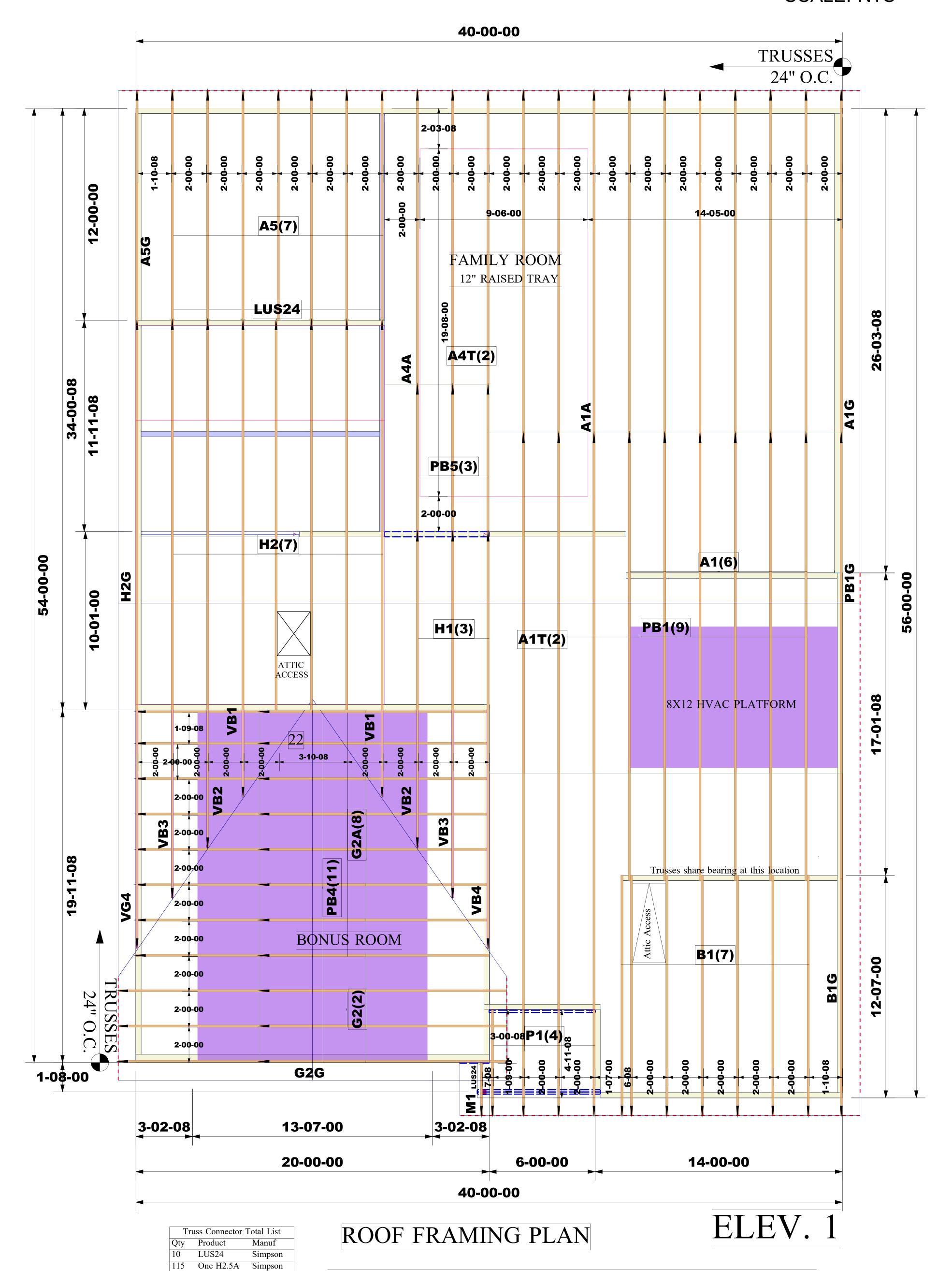
The F@NC (NC)(RAL)
Lot 176 Phase
Model-1776-1-Cooper 3
Garage Left
Opt. Bedroom 4 includes Bath 3
Opt. Bonus Room

ELEV. 1

| | Truss Connector 7 | Total List |
|-----|-------------------|------------|
| Qty | Product | Manuf |
| 5 | THA422 | Simpson |
| 9 | IUS3.56/11.88 | Simpson |

| | \mathbf{P}_{1} | roducts | | |
|-------|------------------|----------------------------------|------------------------------------|----------------------|
| Plies | Product | | Length | PlotID |
| 3 | 1 3/4" x 11 7/8" | (2.0E 3100) LVL | 16-00-00 | FB2 |
| 2 | 1 3/4" x 11 7/8" | (2.0E 3100) LVL | 12-00-00 | DB1 |
| | Plies 3 2 | Plies Product 3 1 3/4" x 11 7/8" | 3 1 3/4" x 11 7/8" (2.0E 3100) LVL | Plies Product Length |





NOTE:

*EXTERIOR DIMENSIONS ARE TO

STUD.

*TRUSS 2' O.C U.N.O.

*INSTALL SIMPSON One H2.5A HURRICANE ANCHORS AT EACH BEARING POINT.

THE FARM AT NEILL'S CREEK (NC)(RAL)
LOT 00.0176 PHASE
MODEL-1776-COOPER 3
GARAGE LEFT SIDE
OPT. BONUS ROOM
OPT TRAY CEILING FAIMLY ROOM

| Job #: | WARNING: CONVENTIONAL FRAMING, ERECTION AND/OR | NOTE: | Customer: DRB Raleigh | | |
|-------------------------------|---|---|--|---|--|
| 2503-4462 | 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 | 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 | Job Name: The Farm at Neill's Creek Lot 00.0176 Roof | Third-Party Quality Assurance Licensee TPI Plant W974 | |
| Designer: Sayan Roy | BRACING WHICH MAY BE REQUIRED IN SPECIFIC APPLICATIONS. SEE "BRACING WOOD TRUSSES COMMENTARY AND RECOMMENDATIONS" (BCSI 1) FOR FURTHER INFORMAITON. TRUSSES SHALL BE INSTALLED IN A STRAIGHT AND PLUMB POSITION WHERE NO SHEATHING IS APPLIED DIRECTLY TO TOP AND/OR BOTTOM CHORDS, THEY SHALL BE BRACED AS SPCIFIED ON THE ENGINEERED DESIGN. TRUSSES SHALL BE HANDLED WITH REASONABLE CARE DURING ERECTION TO PREVENT DAMAGE OR PERSONAL INJURY. | LAYOUT PRIOR TO FABRICATION. 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 CONSTRUCTIION DESIGN, DRAWINGS, DOCUMENTS INCLUDING THE INSTALLATION, AND BRACING OF TRUSSES MANUFACTURED BY THIS COMPANY. | Lot #: Lot 00.0176 | Structural, LLC 201 Poplar Avenue Thurmont, MD 21788 Phone: 301-271-7591 | |
| Sales Rep: Robbie Zarobinski | | | Model Name: Cooper 3 | | |