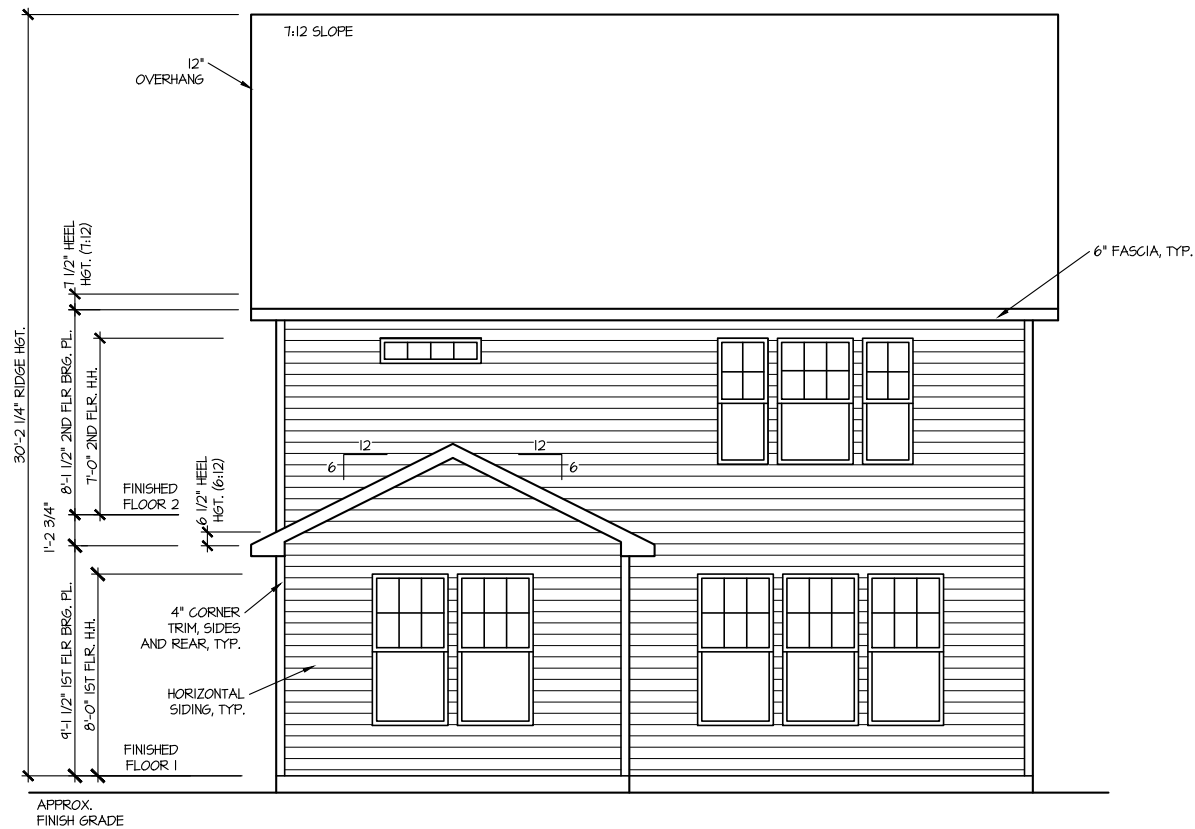


**FRONT ELEVATION I**

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



**REAR ELEVATION I**

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

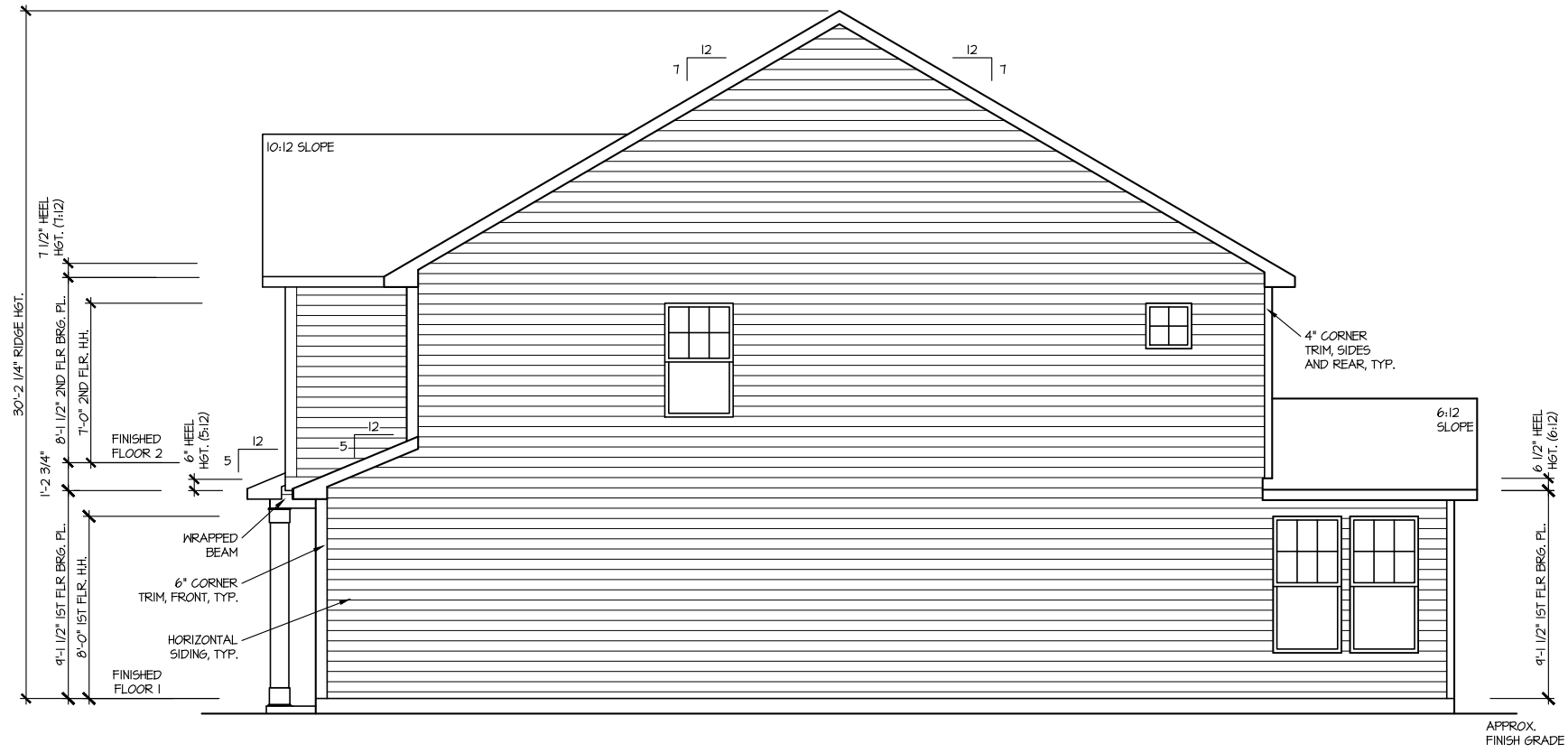
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REVISION	DATE	
2 - RALE	07-10-2023	

DRAWN BY:	ITS
DATE:	02/08/2024
PLAN NO.	1995



HOUSE NAME:	MERLOT
DRAWING TITLE	FRONT & REAR ELEVATIONS

SHEET No.	A.I.
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**RIGHT ELEVATION I**

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



**LEFT ELEVATION I**

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

UPDATED DATE

MASTER PLAN INFORMATION  
REVISION DATE 07-10-2023  
2-RALE

DRAWN BY: ITS

DATE: 02/08/2024

PLAN NO. 1995



HOUSE NAME: MERLOT  
DRAWING TITLE

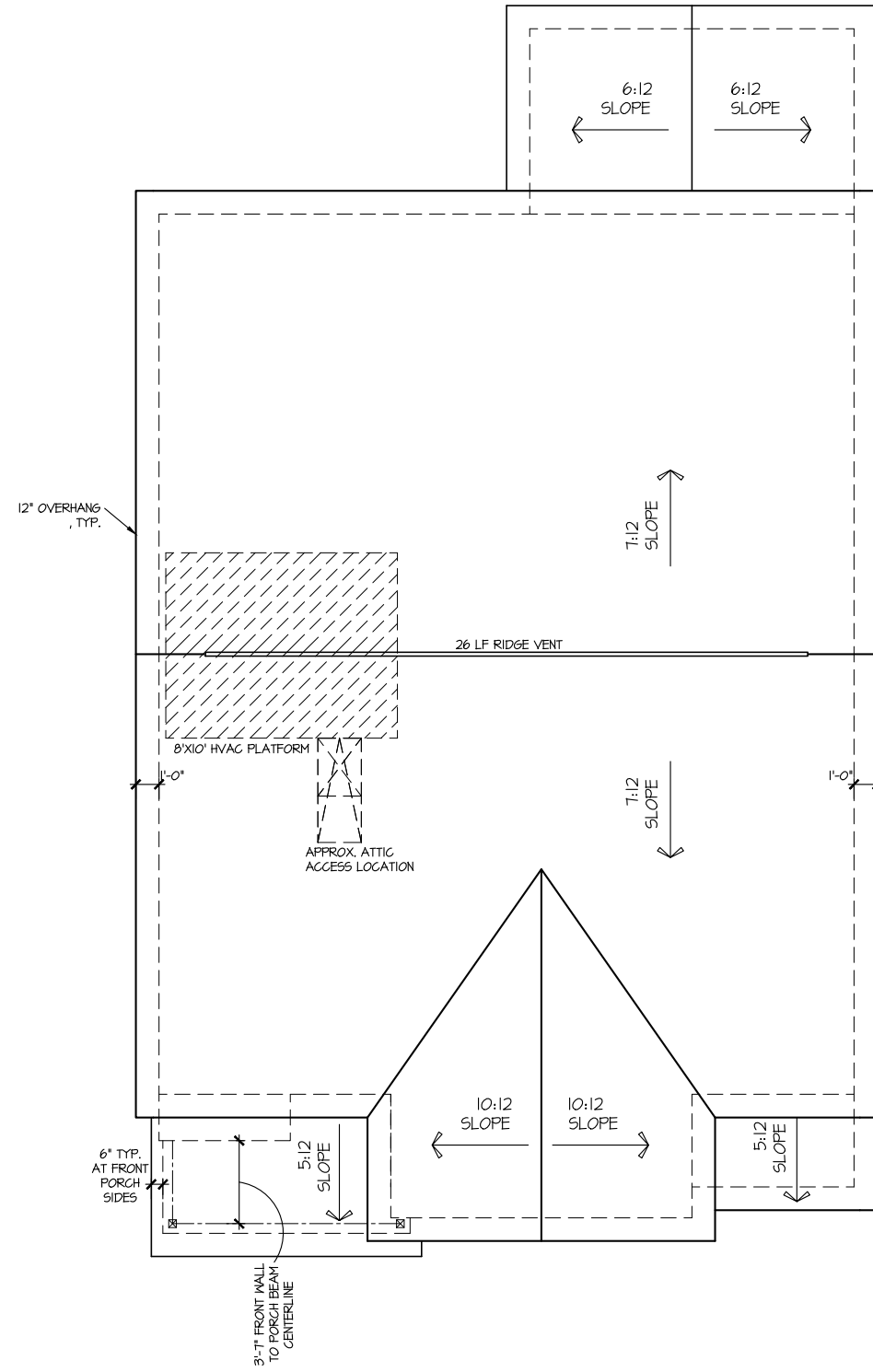
RIGHT & LEFT ELEVATIONS

SHEET No.

A1.2

**UPPER ROOF VENTILATION CALCULATIONS:**

ROOF AREA = 1900 SQ. FT.  
 OVERALL REQUIRED VENTILATION:  
 1 TO 150 = 8.67 SQ. FT.  
 1 TO 300 = 4.33 SQ. FT.  
 50-80% IN TOP THIRD = 2.17 - 3.46 SQ. FT. (1 TO 300)  
 NET FREE AREA OF VENTED SOFFIT = 5.1 SQ. IN. / LINEAR FT.  
 NET FREE AREA OF RIDGE VENT = 18 SQ. IN. / LINEAR FT.  
 LOWER VENTING (BOTTOM 2/3 RISE)  
 57 LINEAR FEET OF SOFFIT X 5.1 SQ. IN. = 2.26 SQ. FT.  
 UPPER VENTING (TOP 1/3 RISE)  
 26 LINEAR FEET OF RIDGE X 18 SQ. IN. = 3.25 SQ. FT.  
 3.25 SQ. FT. BETWEEN 50% - 80%  
 (1 TO 300 ALLOWED)  
 TOTAL ROOF VENTILATION: 5.51 SQ. FT. > 4.33 SQ. FT. (R2/D)



**ROOF PLAN ELEV. 1**  
 SCALE: 1/8" = 1'-0"

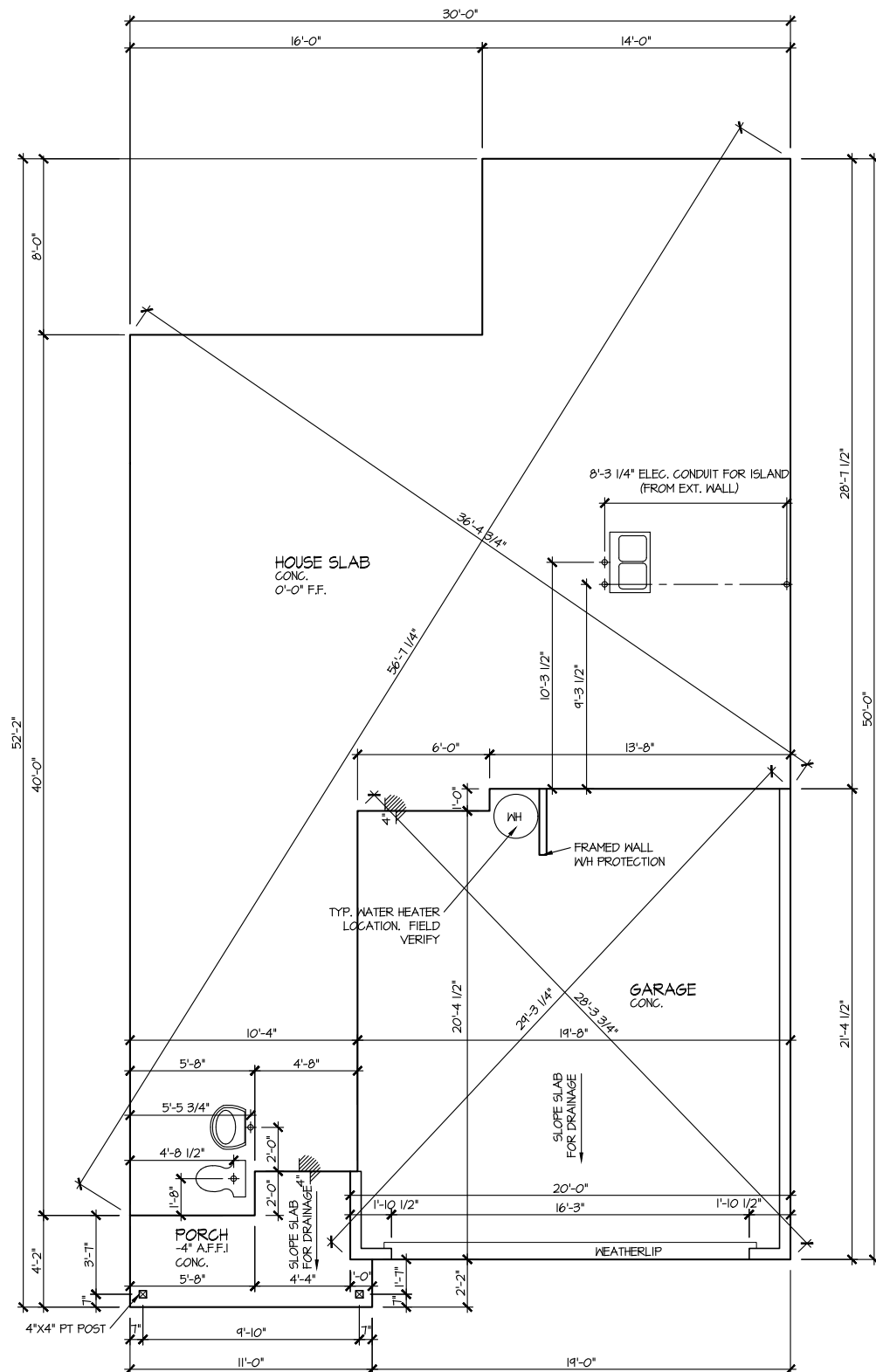
MASTER PLAN INFORMATION		UPDATED DATE
REVISION	DATE	
2 - RALE	07-10-2023	

DRAWN BY: ITS  
 DATE: 02/08/2024  
 PLAN NO. 1995



HOUSE NAME: MERLOT  
 DRAWING TITLE: ROOF PLAN

SHEET No. A1.3



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

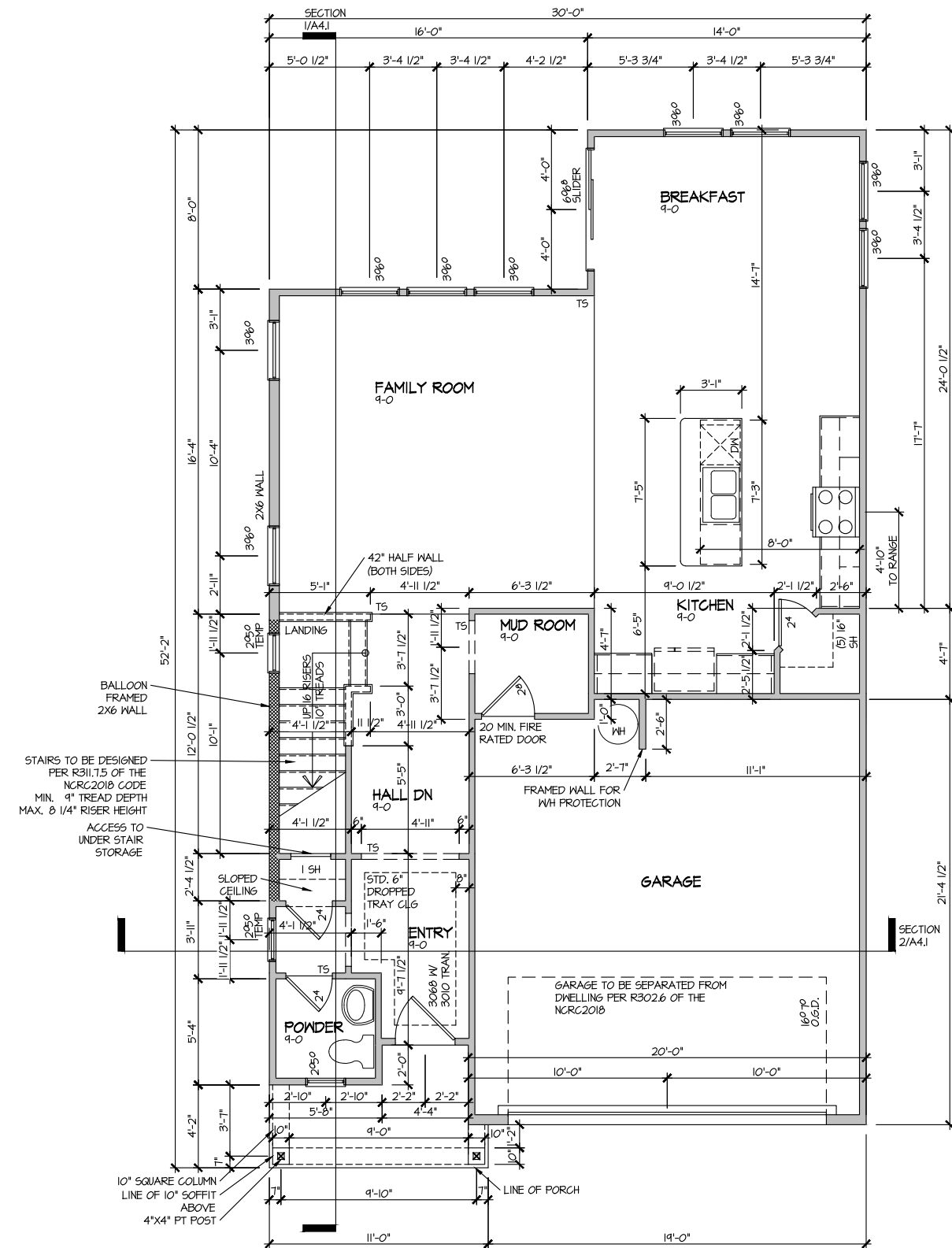
MASTER PLAN INFORMATION		
REVISION	DATE	UPDATED DATE
2-RALE	07-10-2023	

DRAWN BY:	ITS
DATE:	02/08/2024
PLAN NO.	1995



HOUSE NAME:	MERLOT
DRAWING TITLE	SLAB PLAN

SHEET No.  
A2.1



BALLOON FRAMED 2X6 WALL

STAIRS TO BE DESIGNED PER R311.15 OF THE NCGC2018 CODE MIN. 4" TREAD DEPTH MAX. 8 1/4" RISER HEIGHT ACCESS TO UNDER STAIR STORAGE

10" SQUARE COLUMN LINE OF 10" SOFFIT ABOVE 4"x4" PT POST

ELEVATION I  
FIRST FLOOR PLAN

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

MASTER PLAN INFORMATION	
REVISION	DATE
2 - RALE	07-10-2023
UPDATED DATE	

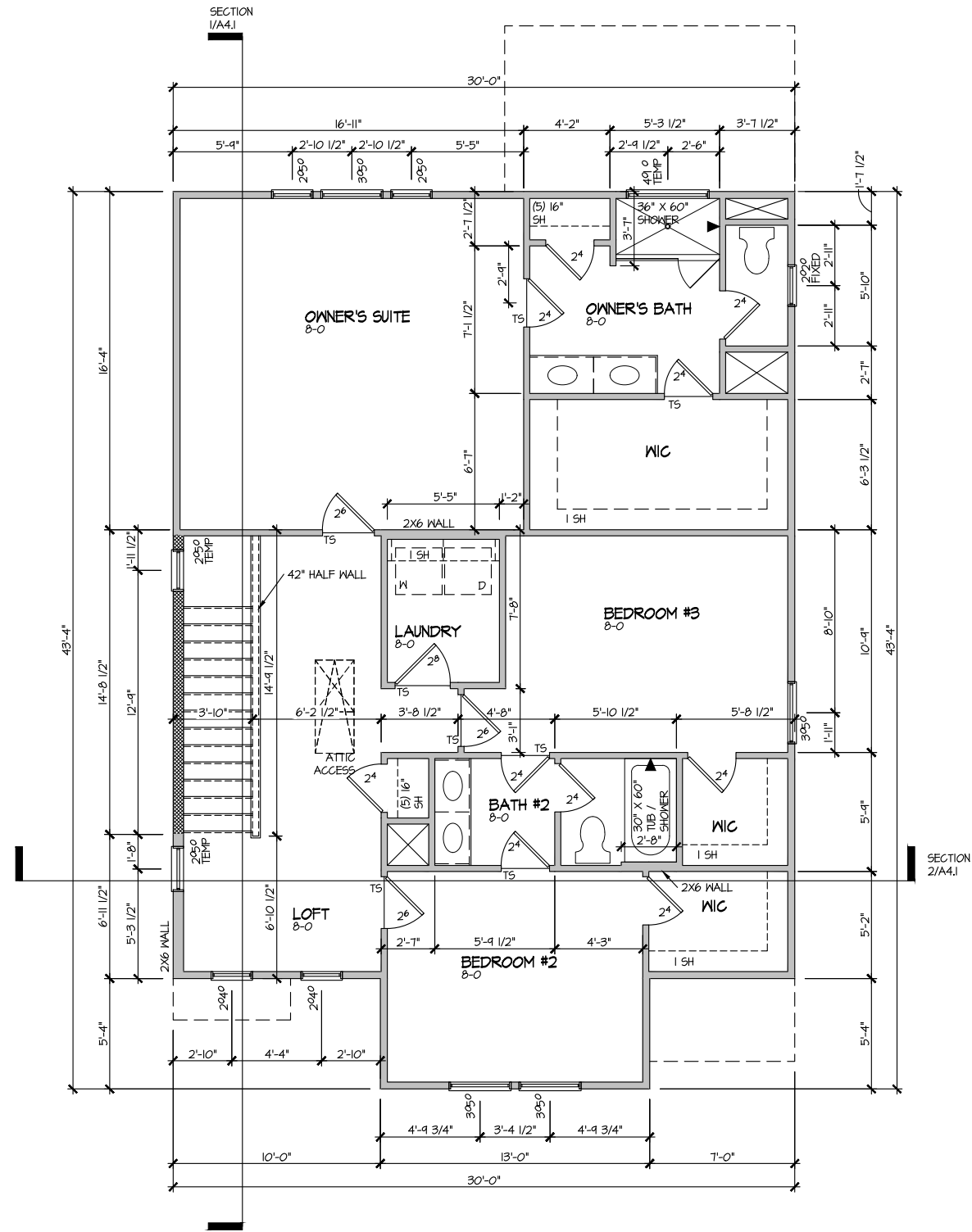
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DATE:	02/08/2024
PLAN NO.	1995



HOUSE NAME:	MERLOT
DRAWING TITLE	FIRST FLOOR PLAN

SHEET No.  
A3.1

FILE: Lot 00.0193.dwg DATE: 2/8/2024 2:30 PM



ELEVATION I  
SECOND FLOOR PLAN

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

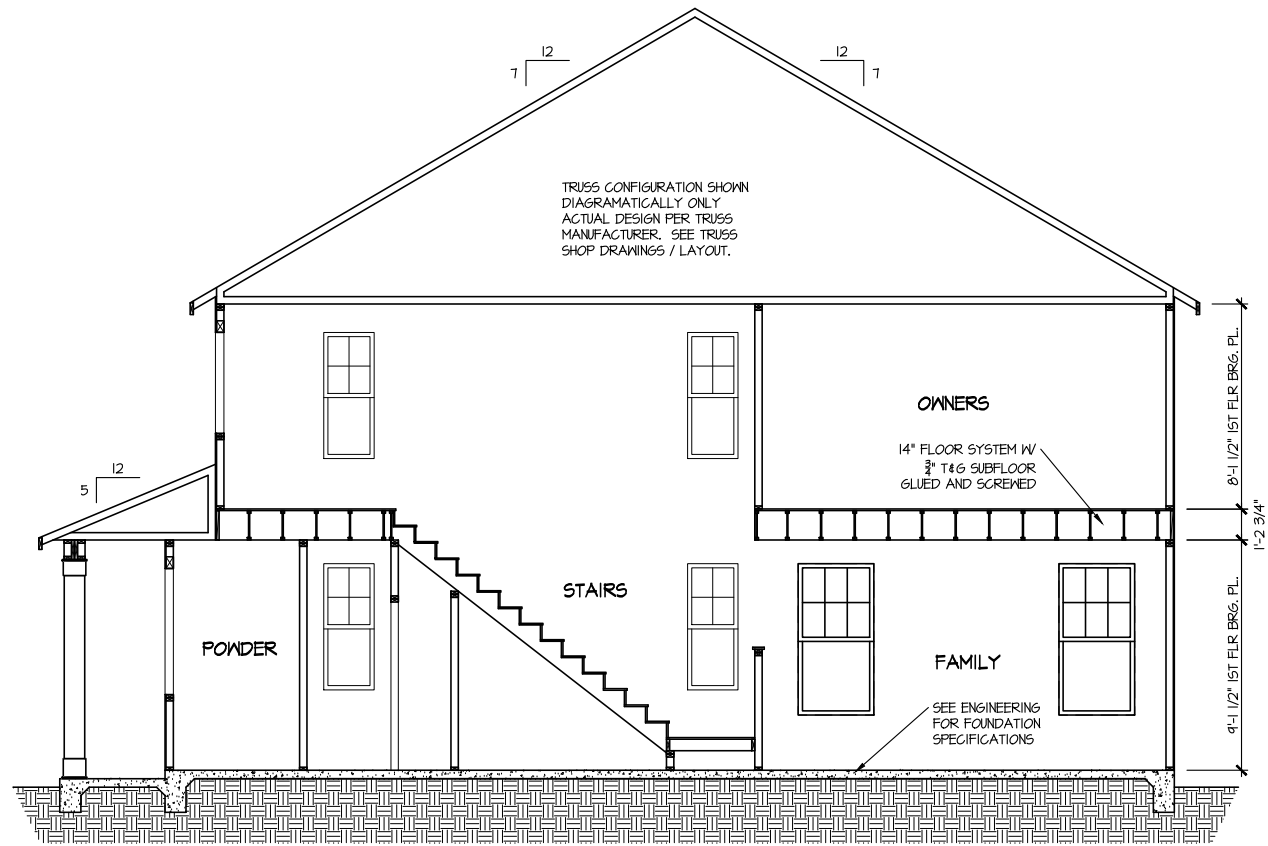
MASTER PLAN INFORMATION	
REVISION	DATE
2-RALE	07-10-2023
	UPDATED DATE

DRAWN BY:	ITS
DATE:	02/08/2024
PLAN NO.	1995



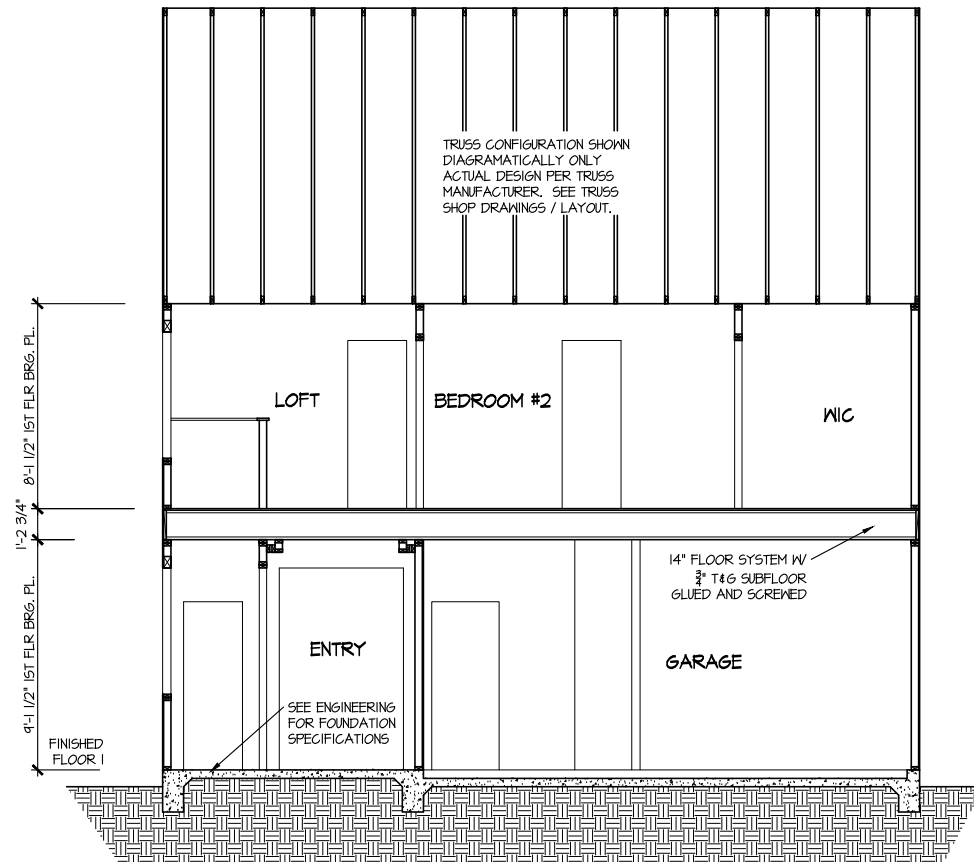
HOUSE NAME:	MERLOT
DRAWING TITLE	SECOND FLOOR PLAN

SHEET No.  
A3.2



**SECTION 1**

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



**SECTION 2**

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

MASTER PLAN INFORMATION		UPDATED DATE
REVISION	DATE	
2 - RALE	07-10-2023	

DRAWN BY:	ITS
DATE:	02/08/2024
PLAN NO.	1995



HOUSE NAME:	MERLOT
DRAWING TITLE	BUILDING SECTION

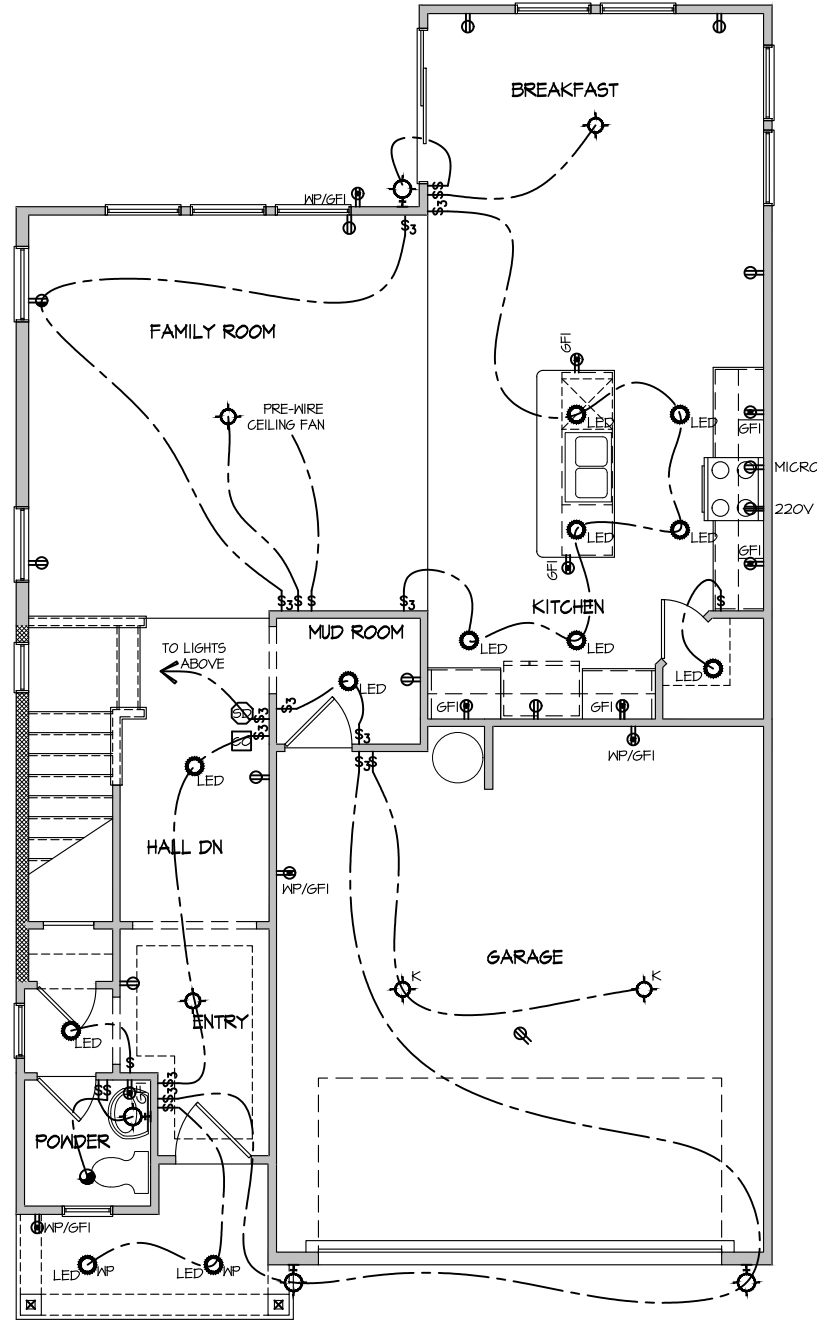
SHEET No.	A4.1
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**ELECTRICAL LEGEND**

- Ⓢ SINGLE POLE SWITCH
- Ⓢ₃ THREE WAY SWITCH
- Ⓢ₄ FOUR WAY SWITCH
- ⓈⓈ DUPLEX AFCI RECEPTACLE
- ⓈⓈⓈ DUPLEX AFCI RECEPTACLE - BOTTOM HALF SWITCHED
- ⓈⓈⓈⓈ DUPLEX AFCI RECEPTACLE - FLOOR MOUNTED
- 220V Ⓢ RECEPTACLE - 220V
- GFI Ⓢ DUPLEX AFCI RECEPTACLE - GFI
- WP/GFI Ⓢ DUPLEX AFCI RECEPTACLE - WATERPROOF GFI
- ⓈⓈⓈ SMOKE DETECTOR - WIRED IN SERIES
- Ⓢ EXHAUST FAN MOTOR
- Ⓢ CO DETECTOR
- Ⓢ DOOR CHIME
- Ⓢ LIGHT FIXTURE - WALL MOUNTED
- Ⓢ LIGHT FIXTURE - CEILING MOUNTED
- LED LIGHT FIXTURE - LED SURFACE MOUNTED
- Ⓢ FULLCHAIN LAMPHOLDER
- Ⓢ KEYLESS LAMPHOLDER

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. 1**

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

MASTER PLAN INFORMATION		UPDATED DATE
REVISION	DATE	
2-RALE	07-10-2023	

DRAWN BY:	ITS
DATE:	02/08/2024
PLAN NO.	1995





















HOUSE NAME:	MERLOT
DRAWING TITLE	FIRST FLOOR ELECTRICAL

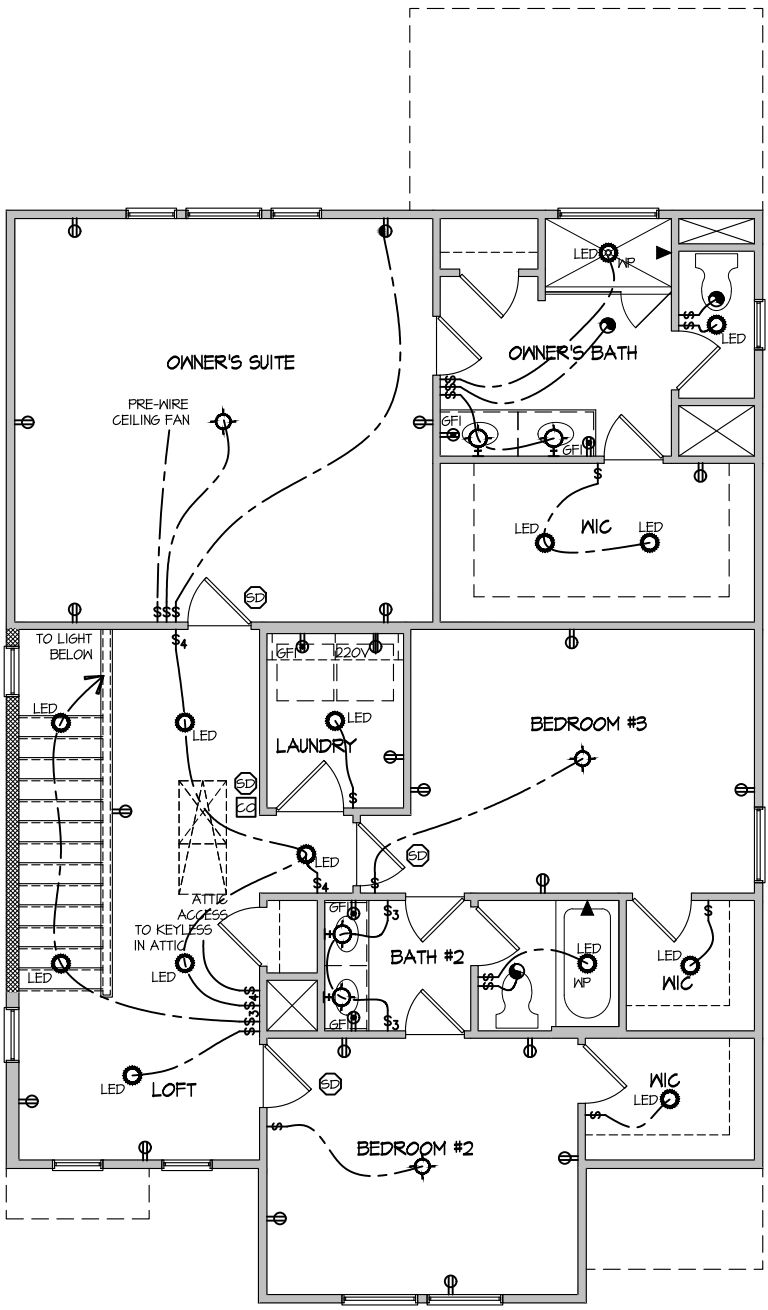
SHEET No.	E.1
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FILE: Lot 00.0193.dwg DATE: 2/8/2024 2:30 PM

**ELECTRICAL LEGEND**

-  SINGLE POLE SWITCH
-  THREE WAY SWITCH
-  FOUR WAY SWITCH
-  DUPLEX AFCI RECEPTACLE
-  DUPLEX AFCI RECEPTACLE - BOTTOM HALF SWITCHED
-  DUPLEX AFCI RECEPTACLE - FLOOR MOUNTED
-  RECEPTACLE - 220V
-  DUPLEX AFCI RECEPTACLE - GFI
-  DUPLEX AFCI RECEPTACLE - WATERPROOF GFI
-  SMOKE DETECTOR - WIRED IN SERIES
-  EXHAUST FAN MOTOR
-  CO DETECTOR
-  DOOR CHIME
-  LIGHT FIXTURE - WALL MOUNTED
-  LIGHT FIXTURE - CEILING MOUNTED
-  LIGHT FIXTURE - LED SURFACE MOUNTED
-  FULLCHAIN LAMPHOLDER
-  KEYLESS LAMPHOLDER

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  
SECOND FLOOR - ELEV. 1**

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

MASTER PLAN INFORMATION		
REVISION	DATE	UPDATED DATE
2 - RALE	07-10-2023	

DRAWN BY:  
ITS

DATE:  
02/08/2024

PLAN NO.  
1995



HOUSE NAME:  
**MERLOT**

DRAWING TITLE  
**SECOND FLOOR ELECTRICAL**

SHEET No.  
**E1.2**

CONNECTION SPECIFICATIONS (TYP. U.N.O.)
DESCRIPTION OF BLDG. ELEMENT | 3"x0.131" NAILS | 3"x0.120" NAILS
JOIST TO SOLE PLATE | (3) TOENAILS | (3) TOENAILS\*

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.

STRUCTURAL DESIGN AND SPECIFICATIONS ASSUME THAT ALL SUPPORTING AND NON-SUPPORTING ELEMENTS IN CONTACT WITH FLOOR FRAMING ARE LEVEL.

ADDITIONAL NOTES FOR TRUSS & I-JOIST MANUFACTURER

ROOF TRUSS, FLOOR TRUSS AND ENGINEERED JOISTS SHALL BE DESIGNED TO MEET THE DIFFERENTIAL DEFLECTION CRITERIA BELOW.

- TRUSSES/JOISTS 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:
1/4" DEAD LOAD
1/8" DEAD LOAD

GENERAL STRUCTURAL NOTES
DESIGN IS BASED ON 2018 NORTH CAROLINA STATE BUILDING CODE: RESIDENTIAL CODE.
WOOD FRAME ENGINEERING IS BASED ON NDS, "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" - LATEST EDITION.

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.

REFER TO FASTENING SCHEDULE TABLE R602.3(I) 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, U.N.O.

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" O.C. (MAX. U.N.O.)

ENGINEERED LUMBER BEAMS TO MEET OR EXCEED THE FOLLOWING:
LSL' - Fb=2325 psi; Fv=310 psi; E=1.55x10^6 psi
LVL' - Fb=2600 psi; Fv=285 psi; E=2.0x10^6 psi
PSL' - Fb=2400 psi; Fv=240 psi; E=2.0x10^6 psi

MK 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 MK FOR STRUCTURAL REVIEW PRIOR TO FABRICATION, DELIVERY, OR INSTALLATION.

- FOR 2 & 3 PLY BEAMS OF EQUAL WIDTH, FASTEN PLYS TOGETHER WITH 3 ROWS OF 3"x0.120" NAILS @ 8" O/C OR 2 ROWS 1/4"x3/8" SIMPSON SDS SCREWS (OR 3/8" TRUSSLOK SCREWS) @ 16" O/C.

ALL HEADERS SHALL BE SUPPORTED BY (1)2x JACK STUD & (1)2x KING STUD, MINIMUM.

- 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 (HILT! X-CF PINS OR EQUAL) @ 16" O.C. STAGGERED, OR 1/2" DIA. BOLTS @ 48" O.C. STAGGERED.

ALL EXTERIOR 4x4 WOOD POSTS SHALL HAVE SIMPSON BC52-2/4 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.

ROOF FRAMING

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

- FASTEN EACH ROOF TRUSS TO TOP PLATE W/ SIMPSON H25T CLIP (OR APPROVED EQUAL) @ ALL BEARING POINTS.

ERECT AND INSTALL ROOF TRUSSES PER WTCA & TPI'S BC51 1-08 "GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING & BRACING OF METAL PLATE CONNECTED WOOD TRUSSES."

- SUPPORT FORCH & SHORT SPAN ROOF TRUSSES (MAX T' SPAN) W/ 2x4 LEDGER FASTENED TO:
- RIM BOARD W/ (2) 3"x0.131" NAILS @ 16" O.C. MAX. (I-JOISTS)

TRUSS VERTICALS W/ (3) 3"x0.131" NAILS @ 14/2" O.C. MAX. (FLOOR TRUSSES)

- ROOF SHEATHING SHALL BE 7/16" A.P.A. RATED SHEATHING 24/16 EXPOSURE 1 (OR APPROVED EQUAL). FASTEN TO FRAMING MEMBERS
- W/ 2 1/2" x 0.131" NAILS @ 6" O.C. @ PANEL EDGES & @ 12" O.C. FIELD.

W/ 2 3/8" x 0.120" NAILS @ 4" O.C. @ PANEL EDGES & @ 8" O.C. FIELD.

W/ 2 3/8" x 0.113" NAILS @ 3" O.C. @ PANEL EDGES & @ 6" O.C. FIELD.

HOLD-DOWN SCHEDULE

Table with 2 columns: SYMBOL, SPECIFICATION. HD-1 SIMPSON HTT4 HOLD-DOWN. HD-2 SIMPSON MSTC66 STRAP TIE.

ALTERNATIVE TO SD2B24 ANCHOR BOLT SPECIFICATION:
UTILIZE SIMPSON "SET" EPOXY SYSTEM TO FASTEN 3/8" DIA. THREADED ROD INTO CONCRETE FOUNDATION.

INSTALL PER MANUF. RECOMMENDATIONS. DO NOT LOCATE ANCHORS WITHIN 1 3/4" OF EDGE OF FOUNDATION.

VEENER LINTEL SCHEDULE

Table with 3 columns: SPAN (MAX), HEIGHT OF VEENER ABOVE LINTEL, STEEL ANGLE SIZE. 3'-0" 20 FT. MAX L3"x3"x1/2"

ALL LINTELS:
- SHALL SUPPORT 2 3/4" - 3 1/2" VEENER W/ 40 ppi MAXIMUM HEIGHT.
- W/ SHALL HAVE 4" MIN BEARING
- W/ SHALL HAVE 8" MIN BEARING
- W/ SHALL NOT BE FASTENED BACK TO HEADER.

LATERAL BRACING & SHEAR WALL SHEATHING SPECIFICATIONS

THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM: 120 MPH WIND IN 2018 NCSBC:RC

THE DESIGN WAS COMPLETED PER 2015 IBC (SECTION 1609) & ASCE 7-10, AS PERMITTED BY R301.1.3 OF THE 2018 NCSBC:RC.

DESIGN WIND UPLIFT LOADS HAVE BEEN CALCULATED UTILIZING ASCE 7-10 (ACCEPTED ENGINEERING PRACTICE) AS ALLOWED PER 2018 NCSBC:RC SECTION R802.11.1. THIS MODEL HAS BEEN DETAILED WHERE REQUIRED & ENGINEERED TO RESIST THE WIND UPLIFT LOAD PATH PER SECTIONS R602.3.5 & R802.11.

EXT. WALL SHEATHING SPECIFICATION

- 7/16" OSB OR 15/32" PLYWOOD:
FASTEN SHEATHING W/ 2 3/8"x0.113" 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 (1/2" CROWN) @ 3" O.C. AT EDGES & @ 6" O.C. IN FIELD.

BLOCKED PANEL EDGES

- AT DESIGNATED AREAS - FASTEN SHEATHING W/ 2 3/8" x 0.113" NAILS @ 6" O.C. AT ALL PANEL EDGES AND 12" O.C. IN THE PANEL FIELD OR 1 3/4" 16 GA STAPLES (1/2" CROWN) @ 3" O.C. AT EDGES & @ 6" O.C. IN FIELD.

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.

UTILIZE SIMPSON "SET" EPOXY SYSTEM TO FASTEN 3/8" DIA. THREADED ROD INTO CONCRETE FOUNDATION. PROVIDE 12" MIN. EMBEDMENT INTO CONCRETE. INSTALL PER MANUF. RECOMMENDATIONS. DO NOT LOCATE ANCHORS WITHIN 1 3/4" OF EDGE OF FOUNDATION.

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 HOLD-DOWN BELOW

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 2x4/6 SILL PLATES TO FIND WITH A MINIMUM OF 2 ANCHORS PER PLATE, 12" MAX. FROM PLATE ENDS - UTILIZING:
1/2" DIA. ANCHOR BOLTS @ 6'-0" O.C. 7" MIN. EMBEDMENT (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, 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 10" HEIGHT (AS NOTED ON PLANS)
TALLER WALLS MUST BE ENGINEERED.
NOMINAL WIDTH (4 1/2" 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 10' CONCRETE DEPTH OVER OPENING OR (2)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 1% 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'-0" O.C. (MAXIMUM)

CONTROL JOINTS SHALL BE AS CLOSE TO SQUARES AS POSSIBLE (1:1 RATIO), WITH A MAXIMUM OF 1:1.5 RATIO

CONTROL JOINTS SHALL NOT BE INSTALLED IN STRUCTURAL SLABS

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.

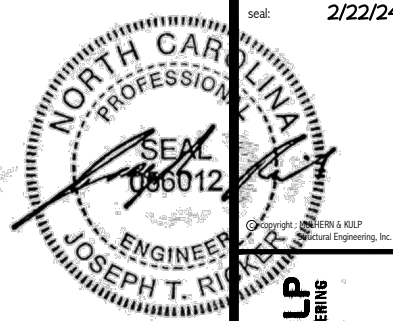
PROVIDE 2x8 x 16" LONG P.T. PLATE ON TOP OF ALL CRANIL SPACE PIERS. ALL PIERS SHALL BE GROUTED SOLID.

PROVIDE 2x6 P.T. PLATE ON INTERIOR CRANIL 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.

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



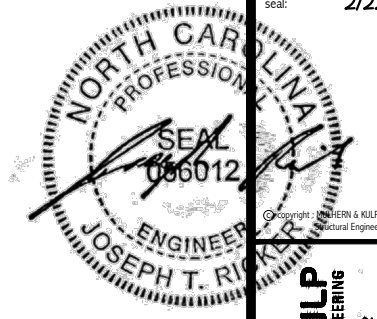
MULHERN+KULP RESIDENTIAL STRUCTURAL ENGINEERING
300 Beavertide Ave., Building 4 - Ashboro, PA 17009
P: 715-948-8001 - mulhern@mkp.com

M&K project number: 126-22076
project mgr: JTR
drawn by: KFG
issue date: 02-13-24

REVISIONS:
date: initial:

DRB HOMES
STRUCTURAL NOTES
FARM AT NEIL'S CREEK
LOT 193 - MERLOT 1
RALEIGH, NC

SO.0



M&K project number:  
126-22076

project mgr: JTR  
drawn by: KFG  
issue date: 02-13-24

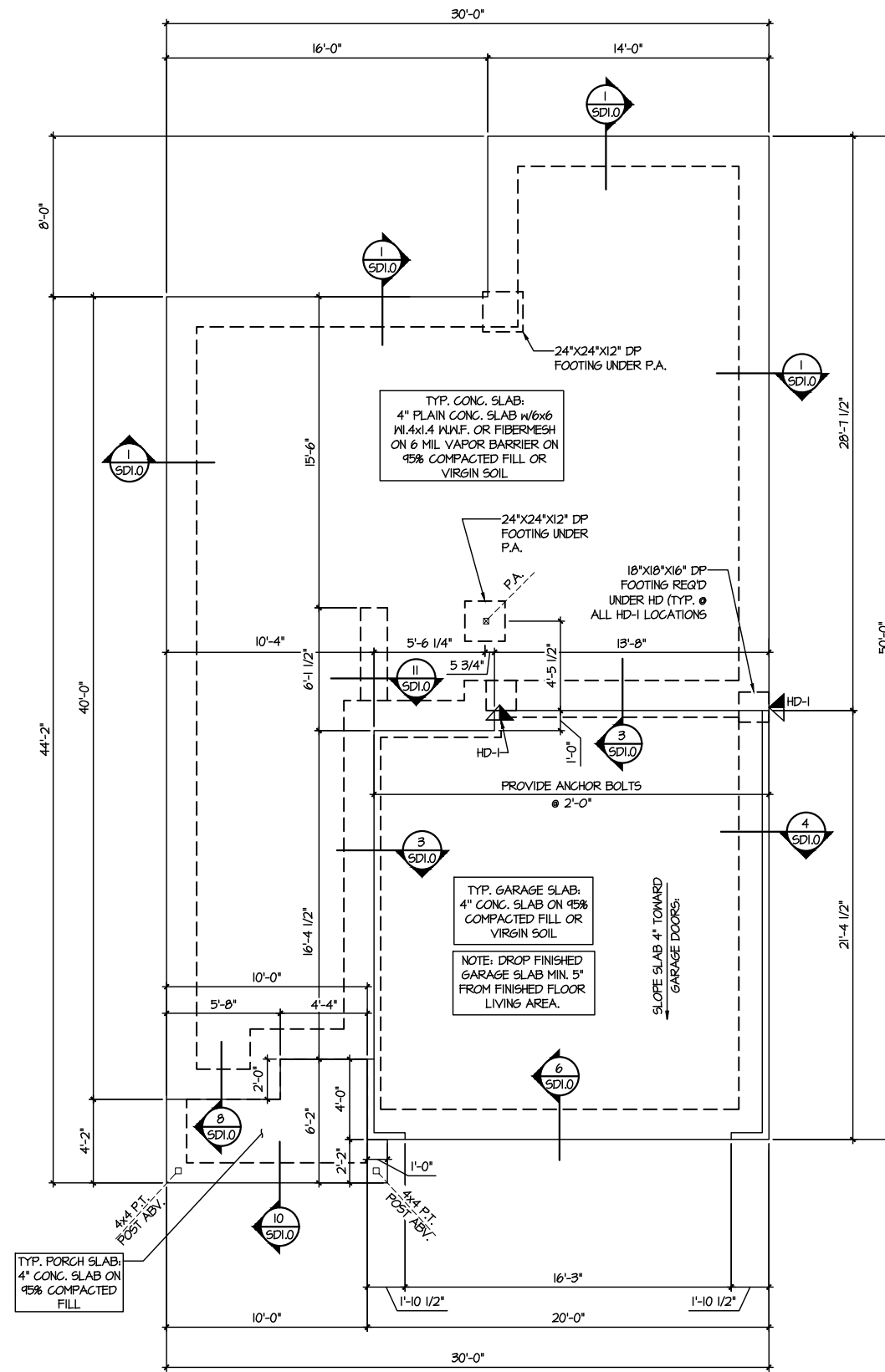
REVISIONS:  
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FOUNDATION PLANS  
FARM AT NEIL'S CREEK  
LOT 193 - MERLOT 1  
RALEIGH, NC

sheet:

S1.0

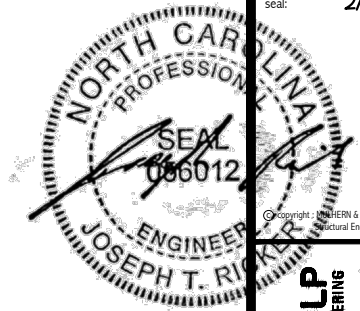


1 MONO SLAB FOUNDATION PLAN  
SCALE: 1/8"=1'-0"

**LEGEND**

- [Symbol] INTERIOR BEARING WALL
- [Symbol] BEARING WALL ABOVE
- [Symbol] BEAM / HEADER
- [Symbol] INDICATES SHEAR WALL & EXTENT
- [Symbol] 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.0 FOR TYPICAL STRUCTURAL NOTES & SCHEDULES



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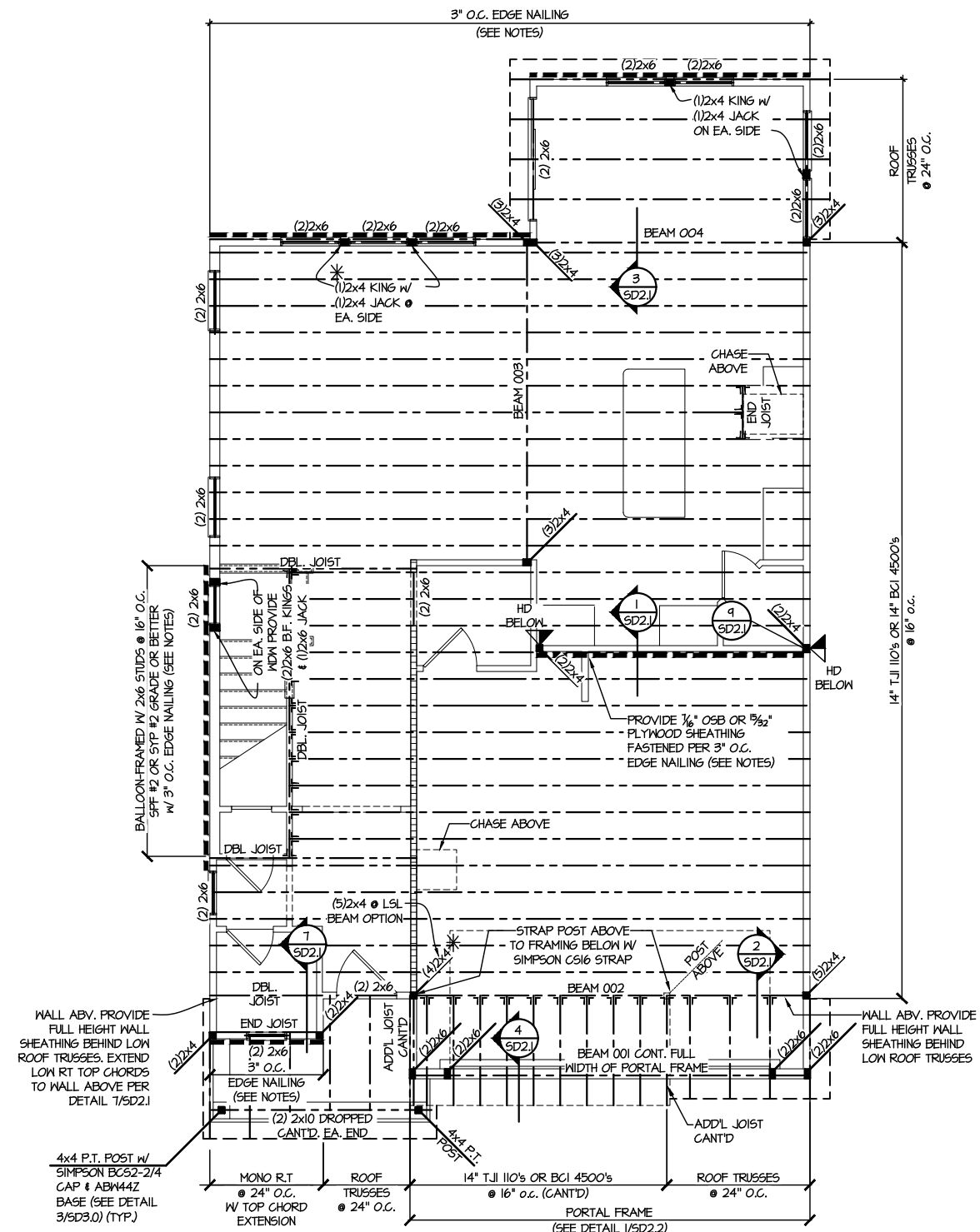
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M&K project number: 126-22076  
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drawn by: KFG  
issue date: 02-13-24  
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date: initial:



FLOOR FRAMING PLANS  
FARM AT NEIL'S CREEK  
LOT 193 - MERLOT 1  
RALEIGH, NC

sheet: **S2.0**



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

- LEGEND**
- [Symbol] INTERIOR BEARING WALL
  - [Symbol] BEARING WALL ABOVE
  - [Symbol] BEAM / HEADER
  - [Symbol] INDICATES SHEAR WALL & EXTENT
  - [Symbol] 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.

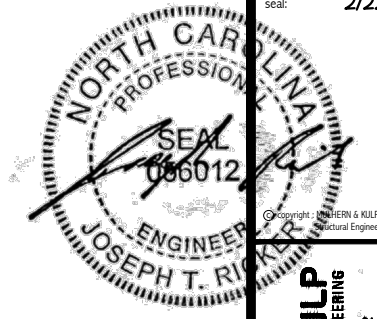
**REFER TO 50.0 FOR TYPICAL STRUCTURAL NOTES & SCHEDULES**

**ENGINEERED BEAM MATERIAL SCHEDULE**

BEAM NUMBER	LVL OPTION	PSL OPTION	LSL OPTION	FLITCH OPTION	STEEL OPTION
001	(2) 3/4" x 11 1/8" - H	3 1/2" x 11 1/8" - H	(3) 3/4" x 11 1/8" - H	(3) 2x12 + (2) 1/4" x 11 1/8" STEEL FLITCH PLATES - H	N/A
002	(4) 3/4" x 14" - F	7" x 14" - F	(5) 3/4" x 14" - F	(4) 2x12 + (3) 1/4" x 11 1/8" STEEL FLITCH PLATES - FB	W12x19 - F
003	(2) 3/4" x 14" - D	3 1/2" x 14" - D	(3) 3/4" x 14" - D	(3) 2x12 + (2) 3/8" x 11 1/8" STEEL FLITCH PLATES - D	W8x10 - D
004	(2) 3/4" x 14" - F	3 1/2" x 14" - F	(3) 3/4" x 14" - F	(2) 2x12 + (1) 1/2" x 11 1/8" STEEL FLITCH PLATES - FB	W12x14 - F
005	(2) 3/4" x 16" - H	3 1/2" x 16" - H	(3) 3/4" x 16" - H	(3) 2x12 + (2) 1/4" x 11 1/8" STEEL FLITCH PLATES - H	N/A
006	(2) 3/4" x 16" - D	3 1/2" x 16" - D	(2) 3/4" x 16" - D	(2) 2x12 + (1) 1/4" x 11 1/8" STEEL FLITCH PLATES - D	W8x10 - D

- BEAM NOTATION:**
- "F" INDICATES FLUSH BEAM
  - "FT" INDICATES FLUSH TOP BEAM
  - "FB" INDICATES FLUSH BOTTOM BEAM
  - "D" INDICATES DROPPED BEAM
  - "H" INDICATES DROPPED OPENING HEADER
- REFER TO DETAIL D/SD2.0 FOR TYPICAL FLITCH 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"x0.120" NAILS @ 8" O.C.
  - FOR FLUSH BOTTOM BEAMS PROVIDE 2X STACKED PLATES ATOP BEAM AS REQ'D. FASTEN PLATES IN SUCCESSION W/ (2) 3"x0.120" NAILS @ 8" O.C.

**2ND FLOOR FRAMING PLAN**  
SCALE: 1/8"=1'-0"



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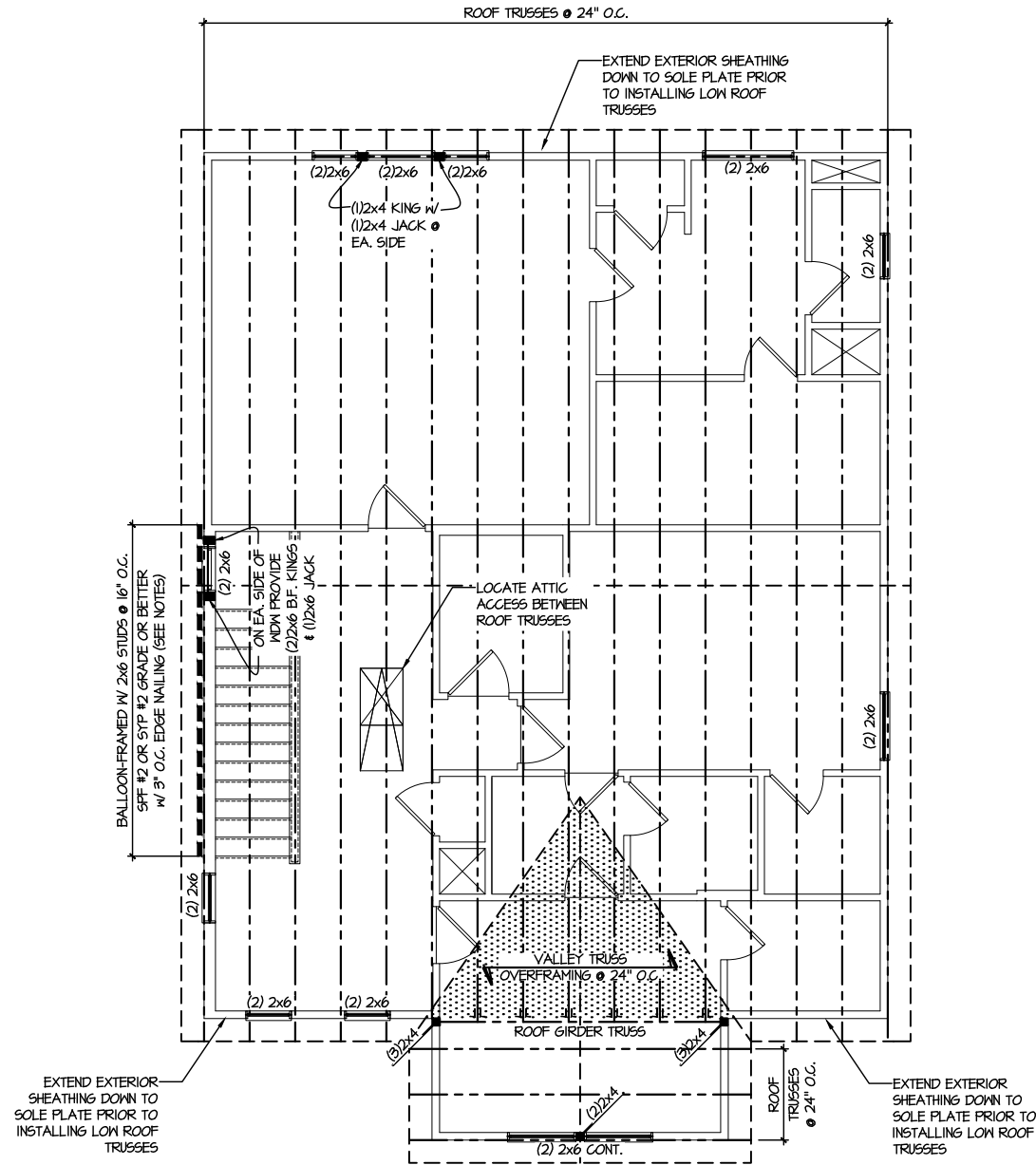
M&K project number:  
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project mgr: JTR  
drawn by: KFG  
issue date: 02-13-24

REVISIONS:  
date: initial:



ROOF FRAMING PLANS  
FARM AT NEIL'S CREEK  
LOT 193 - MERLOT 1  
RALEIGH, NC

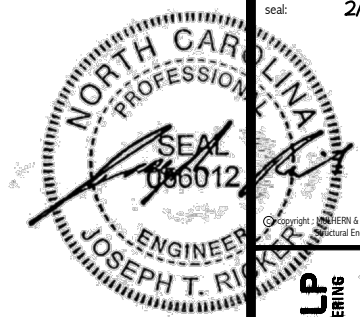
sheet:  
**S3.0**



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

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 S.O FOR  
TYPICAL STRUCTURAL NOTES  
& SCHEDULES



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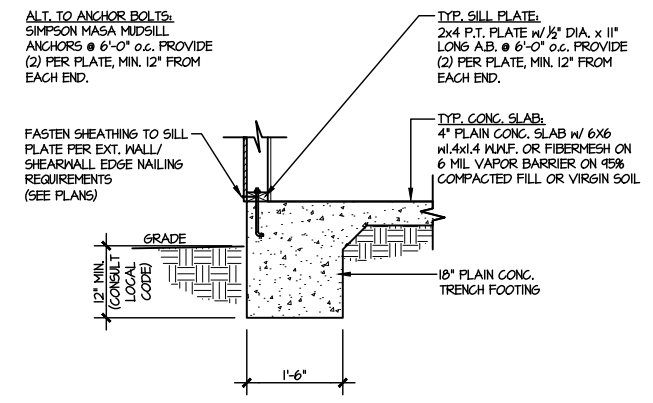
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**DRB**  
**HOMES**

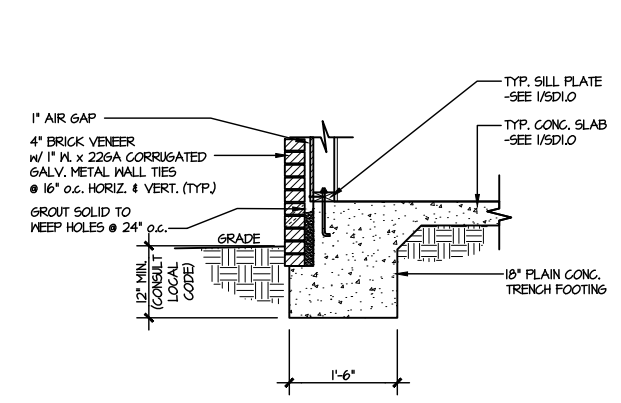
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FARM AT NEIL'S CREEK  
LOT 193 - MERLOT 1  
RALEIGH, NC

sheet:

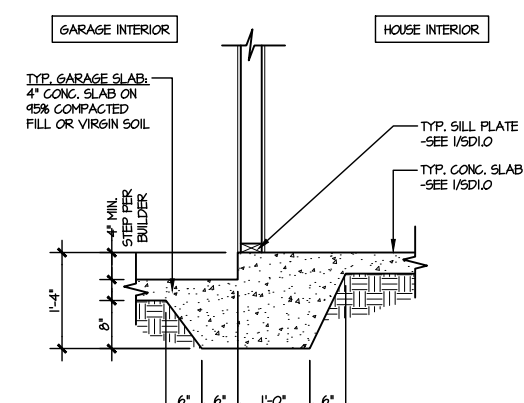
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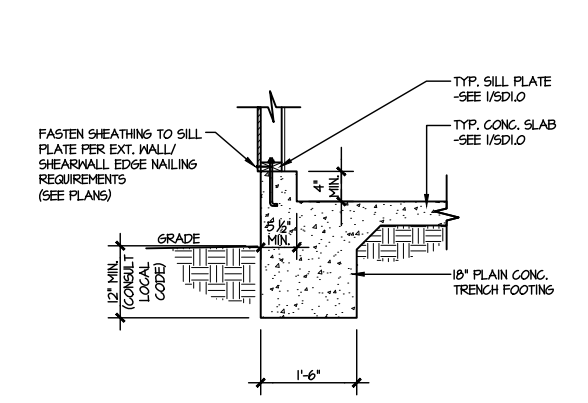
**1** TYPICAL SLAB ON GRADE PERIMETER FOOTING  
SCALE: 3/8"=1'-0"



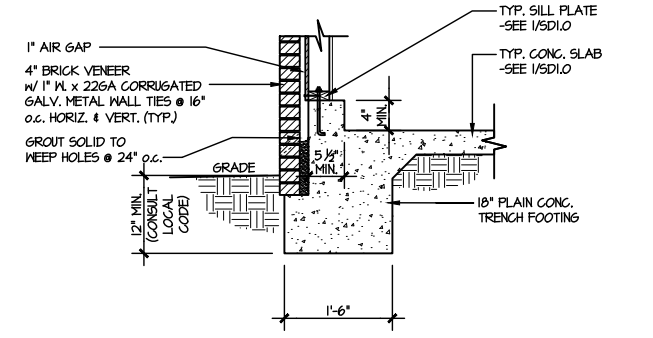
**2** TYPICAL SLAB ON GRADE PERIMETER FOOTING  
SCALE: 3/8"=1'-0" W/ BRICK VENEER



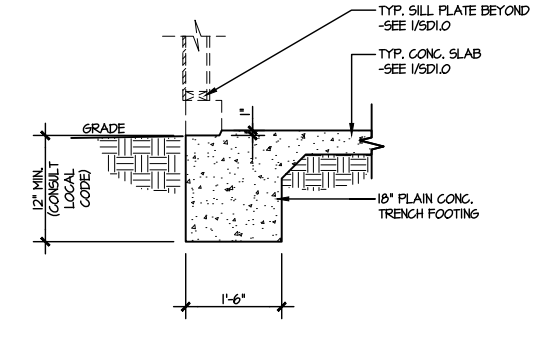
**3** TYPICAL MONOLITHIC INTERIOR GARAGE FOOTING  
SCALE: 3/8"=1'-0"



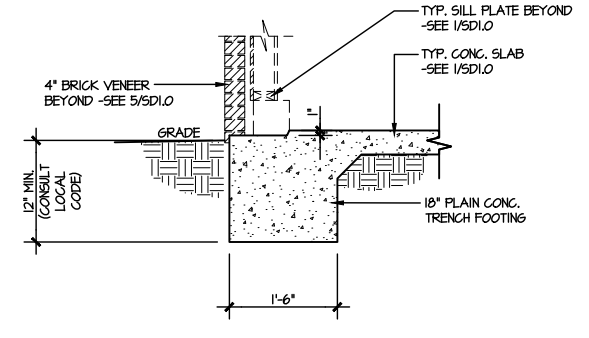
**4** TYPICAL SLAB ON GRADE GARAGE PERIMETER FOOTING  
SCALE: 3/8"=1'-0"



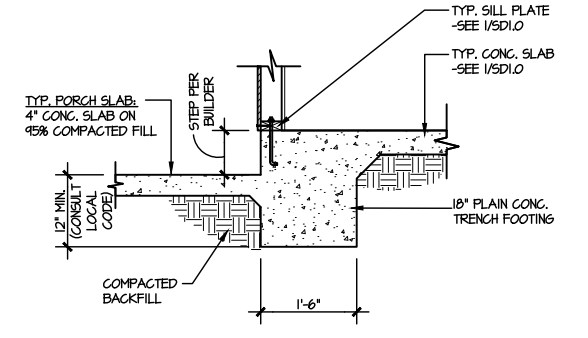
**5** TYPICAL SLAB ON GRADE GARAGE PERIMETER FOOTING  
SCALE: 3/8"=1'-0" W/ BRICK VENEER



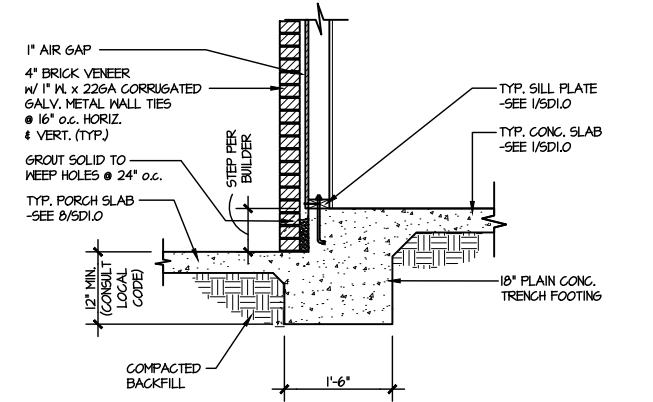
**6** TYPICAL SLAB ON GRADE GARAGE ENTRY @ PERIMETER FOOTING  
SCALE: 3/8"=1'-0"



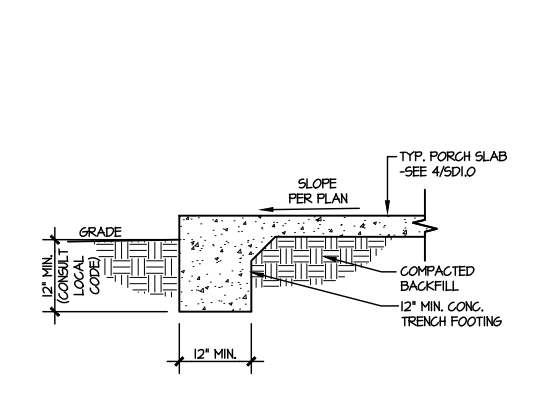
**7** TYPICAL SLAB ON GRADE GARAGE ENTRY @ PERIMETER FOOTING  
SCALE: 3/8"=1'-0" W/ BRICK VENEER



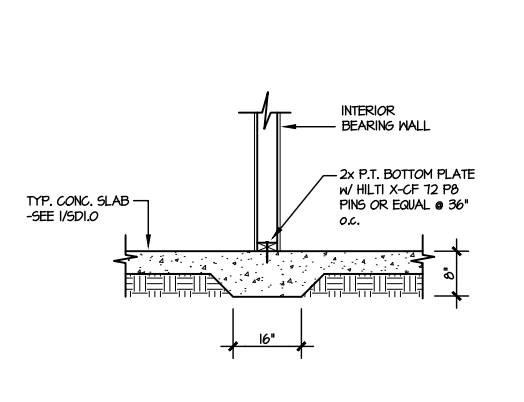
**8** TYPICAL SLAB ON GRADE PERIMETER FOOTING @ PORCH/PATIO  
SCALE: 3/8"=1'-0"



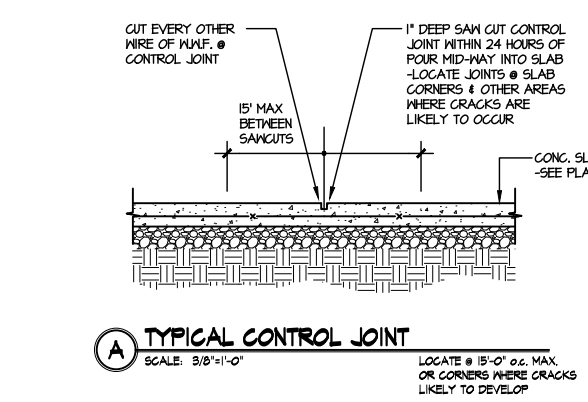
**9** TYPICAL SLAB ON GRADE PERIMETER FOOTING @ PORCH/PATIO  
SCALE: 3/8"=1'-0" W/ BRICK VENEER



**10** TYPICAL FOOTING @ PORCH SLAB  
SCALE: 3/8"=1'-0"



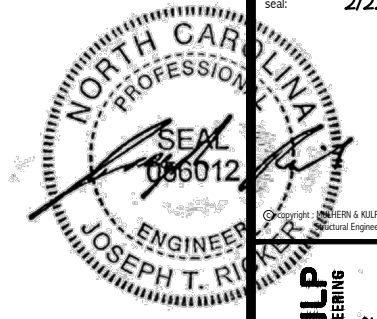
**11** TYPICAL THICKENED SLAB @ INTERIOR BEARING WALL  
SCALE: 3/8"=1'-0"



**A** TYPICAL CONTROL JOINT  
SCALE: 3/8"=1'-0"  
LOCATE @ 15'-0" 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.

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issue date: 02-13-24

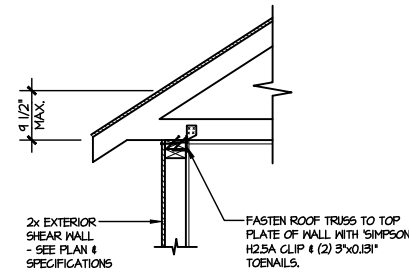
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**DRB**  
**HOMES**

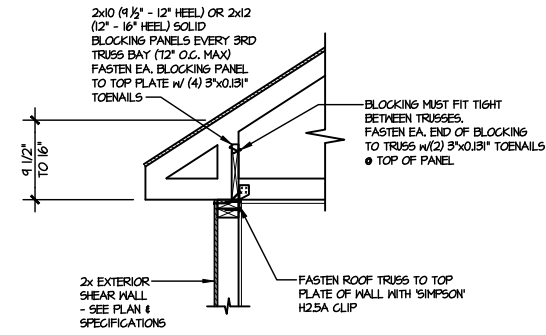
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FARM AT NEIL'S CREEK  
LOT 193 - MERLOT 1  
RALEIGH, NC

sheet:

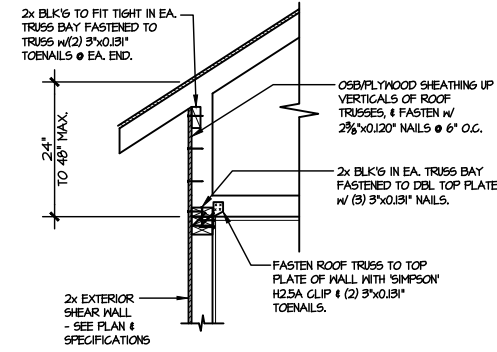
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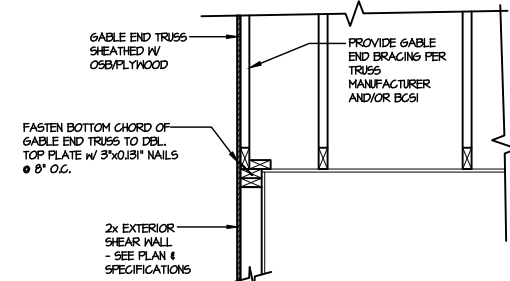
**(A1) TYPICAL SHEAR TRANSFER DETAIL @ ROOF**  
SCALE: 3/8\"/>



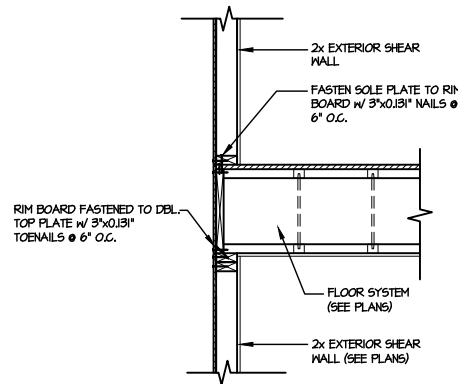
**(A2) TYPICAL SHEAR TRANSFER DETAIL @ ROOF**  
SCALE: 3/8\"/>



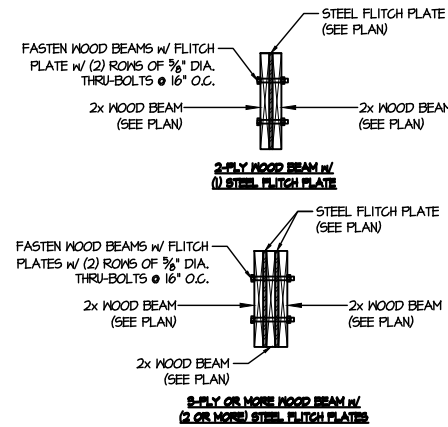
**(A3) TYPICAL SHEAR TRANSFER DETAIL @ RAISED HEEL TRUSS**  
SCALE: 3/8\"/>



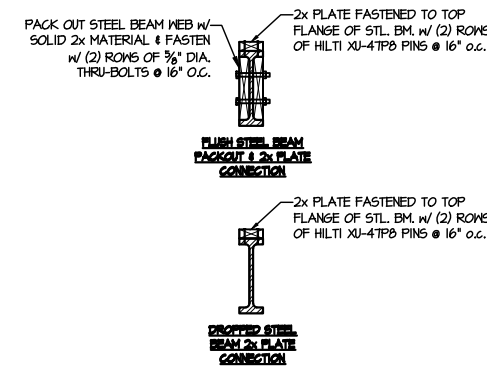
**(B) TYPICAL GABLE END DETAIL**  
SCALE: 3/8\"/>



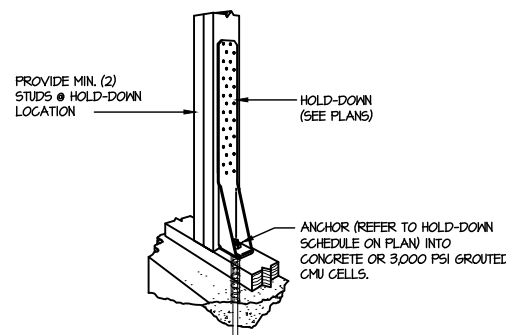
**(C) TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL**  
SCALE: 3/8\"/>



**(D) TYPICAL FITCH BEAM CONNECTION DETAIL**  
SCALE: 3/4\"/>



**(E) TYPICAL STEEL BEAM CONNECTION DETAIL**  
SCALE: 3/4\"/>

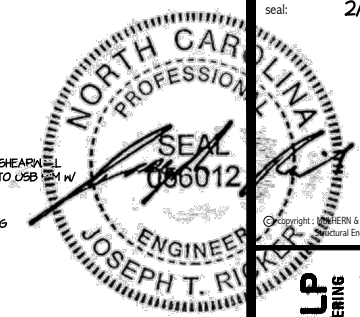


**(F1) TYPICAL HOLD DOWN INSTALLATION**  
SCALE: N.T.S.

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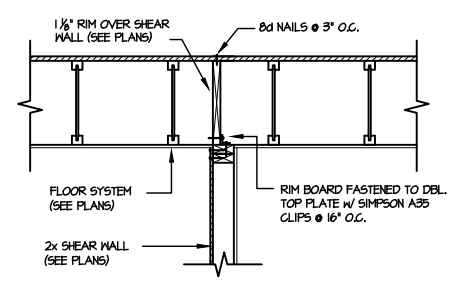
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issue date: 02-13-24

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date: initial:

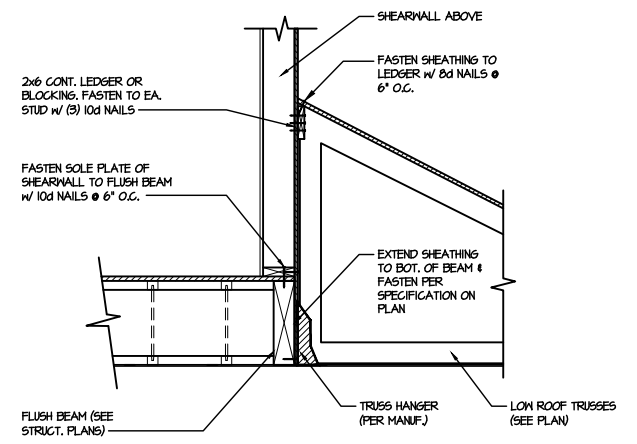
**DRB**  
**HOMES**

FRAMING DETAILS  
FARM AT NEIL'S CREEK  
LOT 193 - MERLOT 1  
RALEIGH, NC

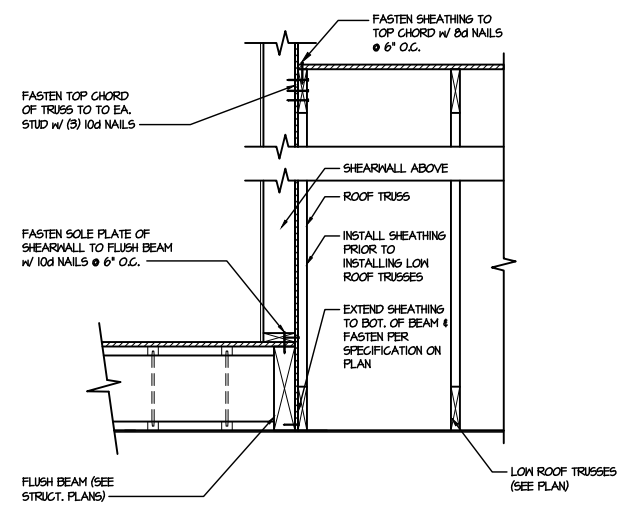
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**SD2.1A**



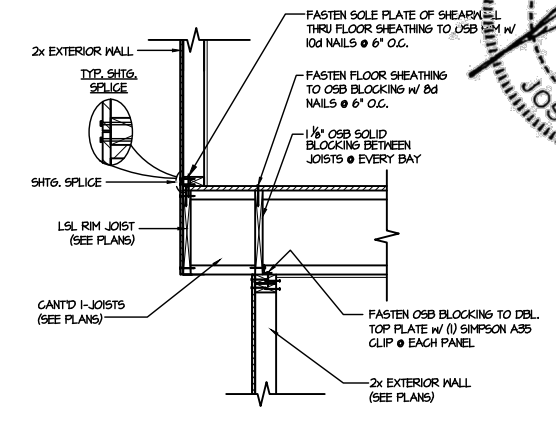
**1** SHEAR TRANSFER DETAIL @ INTERIOR SHEAR WALL  
SCALE: 3/4"=1'-0"  
PARALLEL TO FRAMING  
ONLY REVD WHERE NOTED ON PLAN



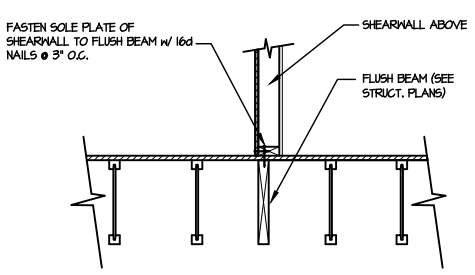
**2** SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE  
SCALE: 3/4"=1'-0"



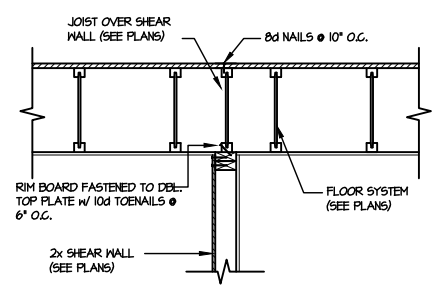
**3** SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE  
SCALE: 3/4"=1'-0"



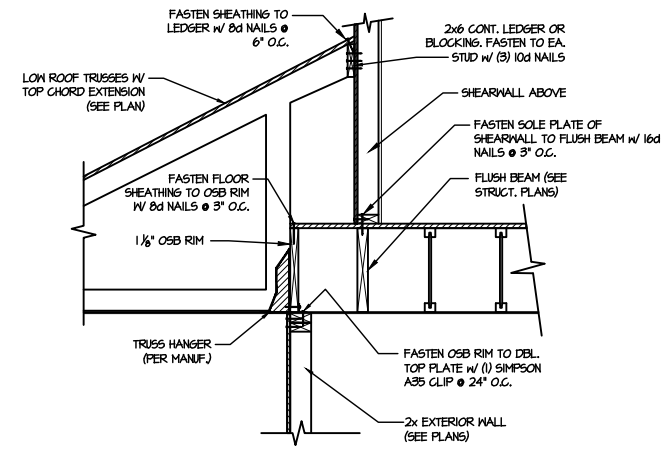
**4** SHEAR TRANSFER DETAIL BETWEEN FLOORS @ CANT'D EXT. WALL  
SCALE: 3/4"=1'-0"  
PERPENDICULAR FRAMING



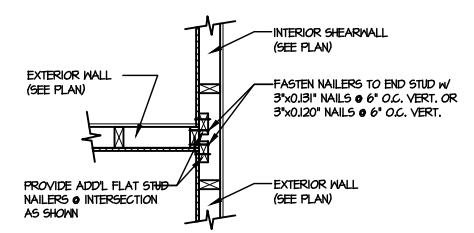
**5** SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL ABOVE  
SCALE: 3/4"=1'-0"  
PARALLEL FRAMING



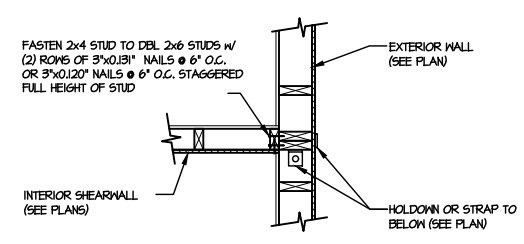
**6** SHEAR TRANSFER DETAIL @ INTERIOR SHEAR WALL  
SCALE: 3/4"=1'-0"  
PARALLEL TO FRAMING  
ONLY REVD WHERE NOTED ON PLAN



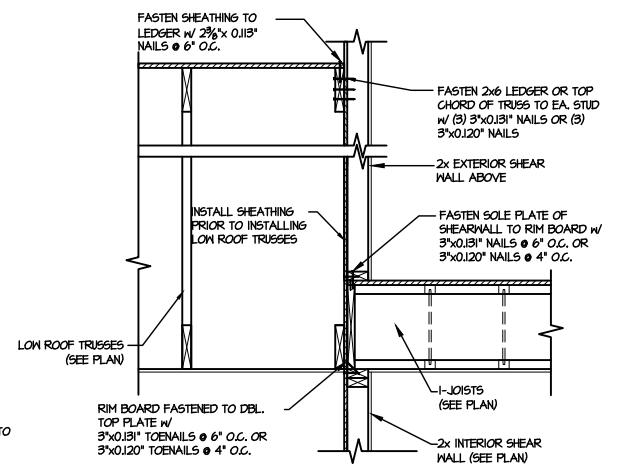
**7** SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL ABOVE  
SCALE: 3/4"=1'-0"  
PARALLEL FRAMING



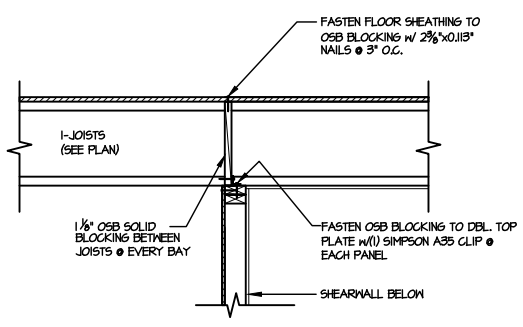
**8** SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL  
SCALE: 3/4"=1'-0"  
SITE, ON SAME PAGE



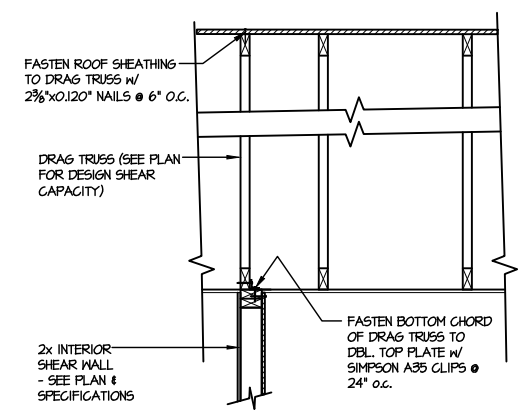
**9** SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL  
SCALE: N.T.S.



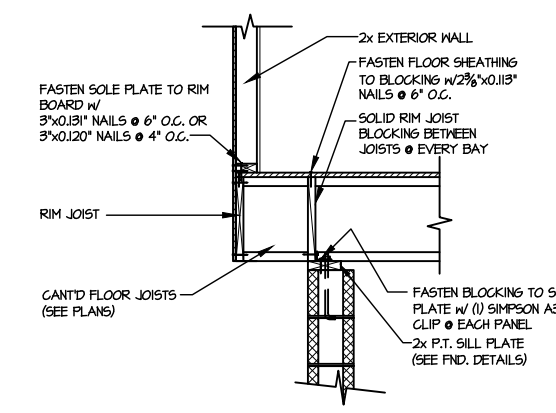
**10** TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL  
SCALE: 3/4"=1'-0"



**11** SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL BELOW  
SCALE: 3/4"=1'-0"  
PERPENDICULAR FRAMING

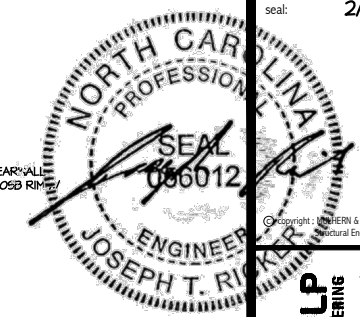


**12** INTERIOR DRAG TRUSS DETAIL  
SCALE: 3/4"=1'-0"



**13** SHEAR TRANSFER DETAIL @ CANT'D EXTERIOR WALL  
SCALE: 3/4"=1'-0"

FILE: RLH - Neil's Creek - Lot 193 - Structural DATE: 2/22/2024 9:02 AM



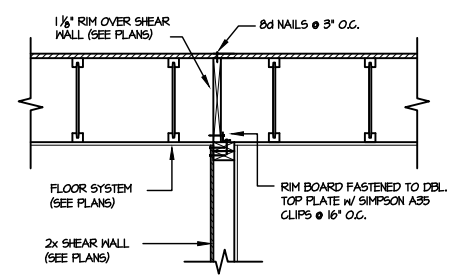
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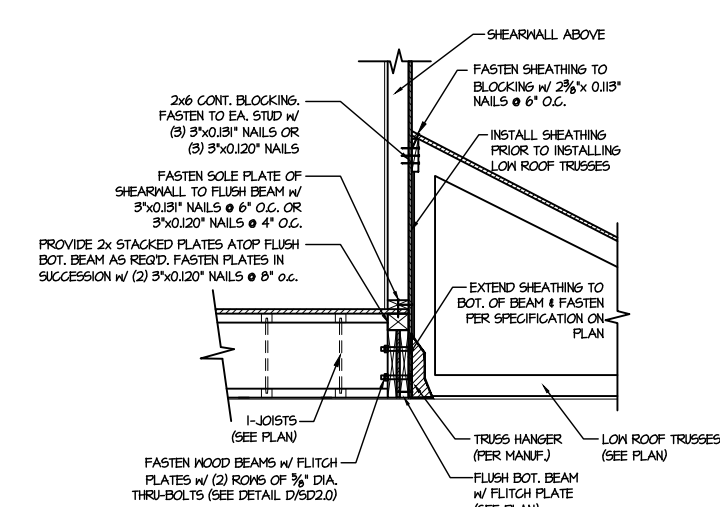
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date: initial:

DRB  
HOMES

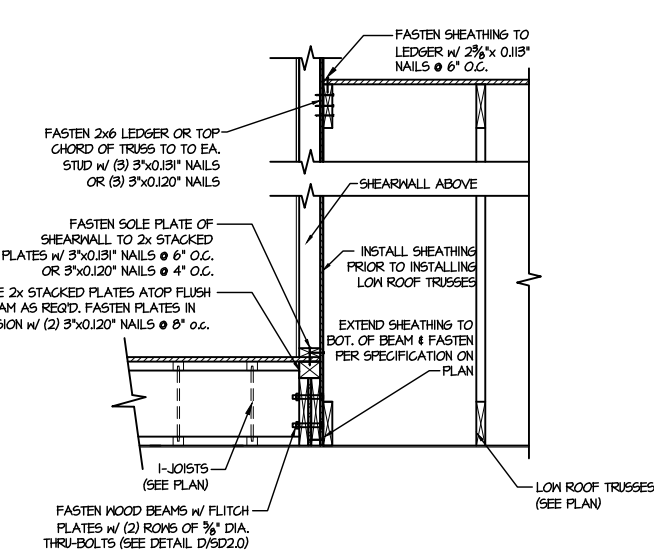
FRAMING DETAILS  
FARM AT NEIL'S CREEK  
LOT 193 - MERLOT 1  
RALEIGH, NC



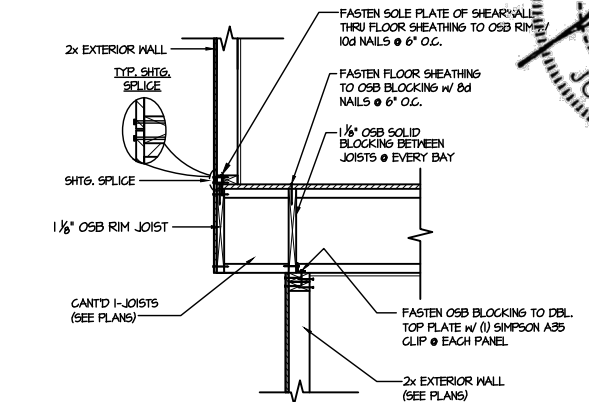
1 SHEAR TRANSFER DETAIL @ INTERIOR SHEAR WALL  
SCALE: 3/4\"/>



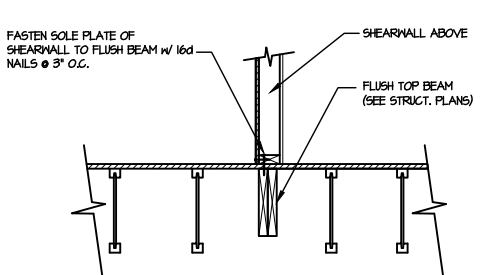
2 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE  
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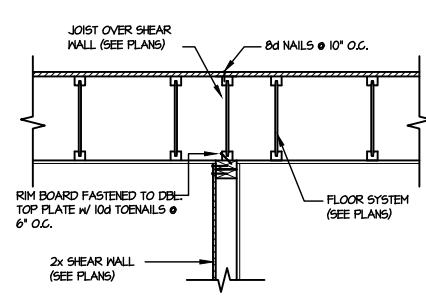
3 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE  
SCALE: 3/4\"/>



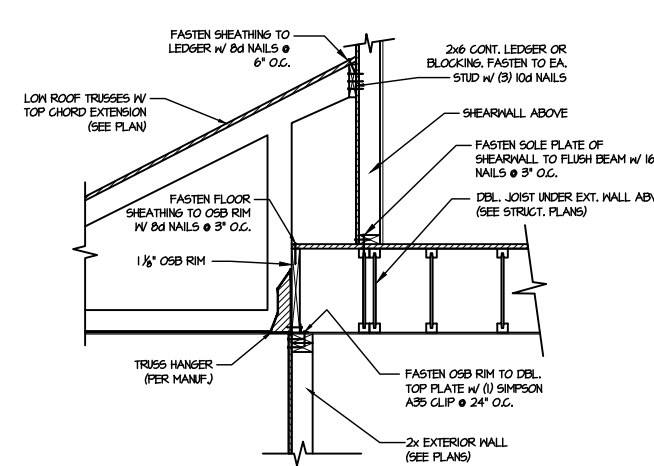
4 SHEAR TRANSFER DETAIL BETWEEN FLOORS @ CANT'D EXT. WALL  
SCALE: 3/4\"/>



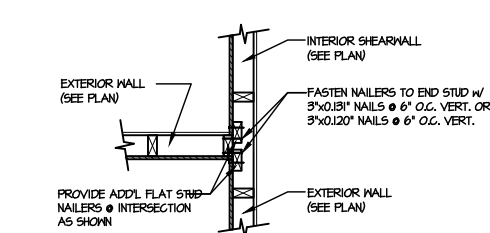
5 SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL ABOVE  
SCALE: 3/4\"/>



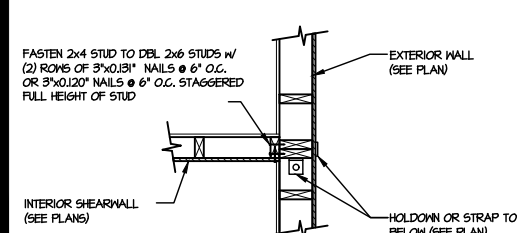
6 SHEAR TRANSFER DETAIL @ INTERIOR SHEAR WALL  
SCALE: 3/4\"/>



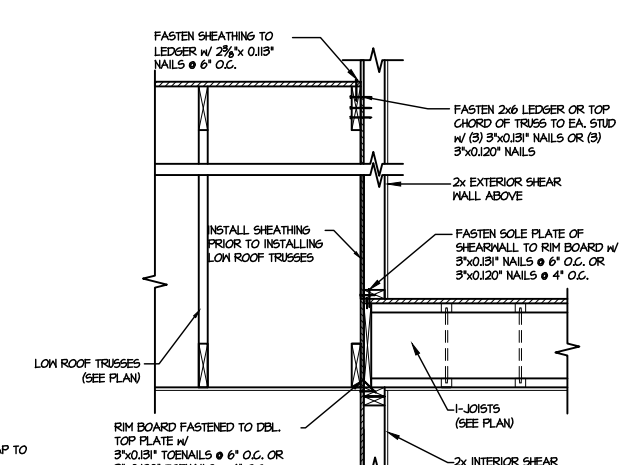
7 SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL ABOVE  
SCALE: 3/4\"/>



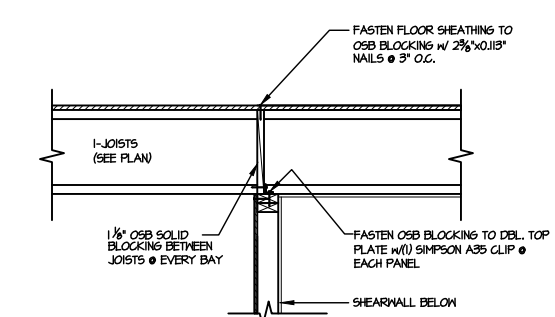
8 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL  
SCALE: 3/4\"/>



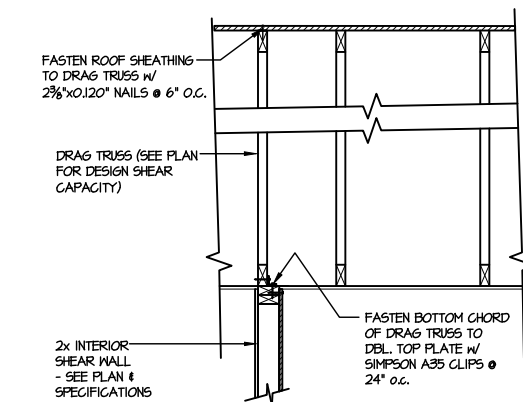
9 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL  
SCALE: N.T.S.



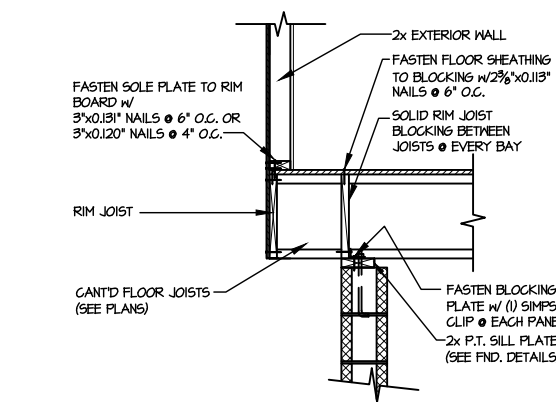
10 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL  
SCALE: 3/4\"/>



11 SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL BELOW  
SCALE: 3/4\"/>

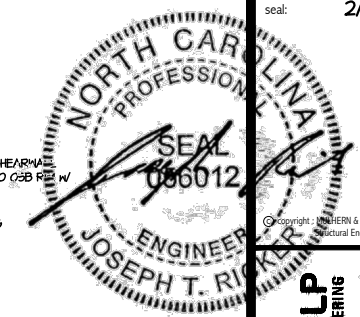


12 INTERIOR DRAG TRUSS DETAIL  
SCALE: 3/4\"/>

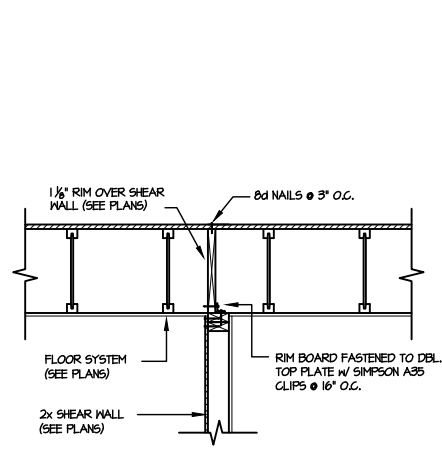


13 SHEAR TRANSFER DETAIL @ CANT'D EXTERIOR WALL  
SCALE: 3/4\"/>

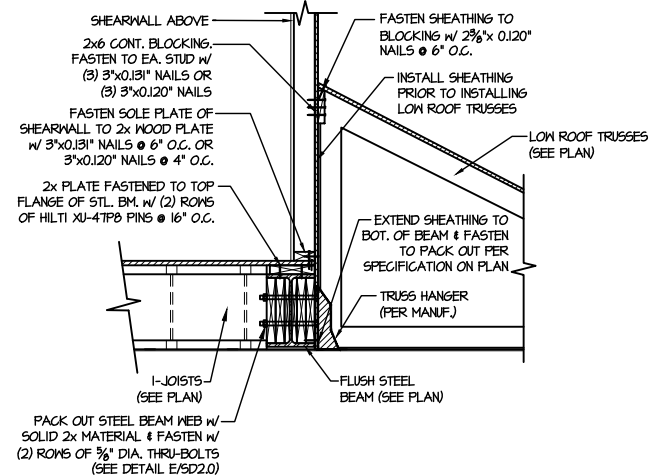
FILE: RLH - Neil's Creek - Lot 193 - Structural DATE: 2/22/2024 9:02 AM



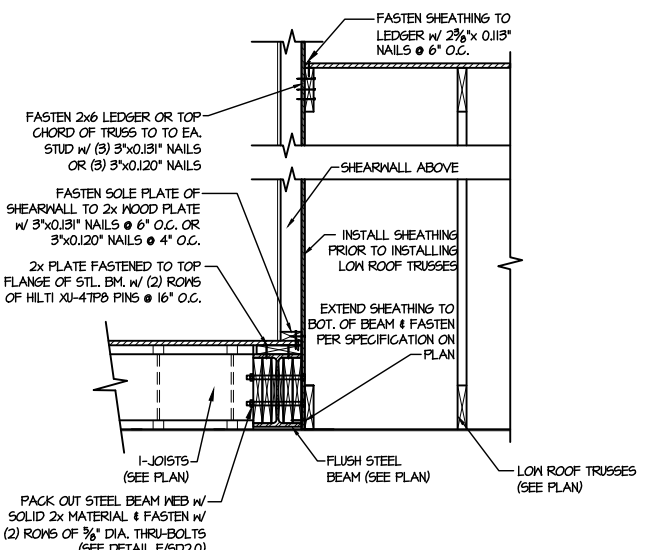
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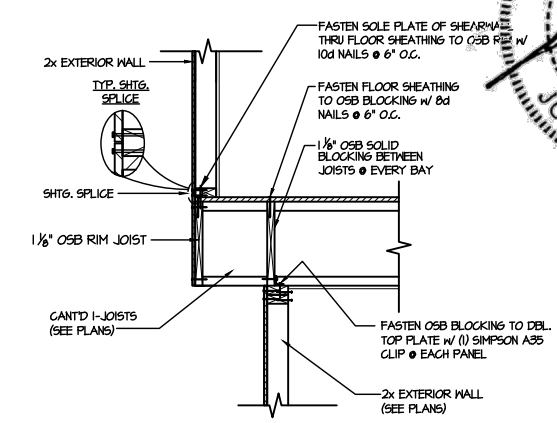
**1** SHEAR TRANSFER DETAIL @ INTERIOR SHEAR WALL  
SCALE: 3/4"=1'-0"  
PARALLEL TO FRAMING  
ONLY READ WHERE NOTED ON PLAN



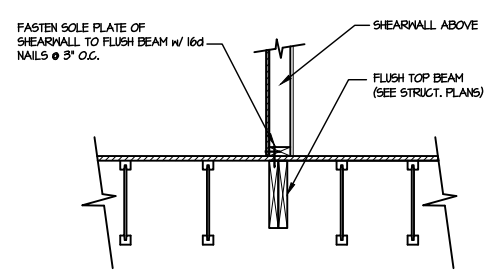
**2** SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE  
SCALE: 3/4"=1'-0"



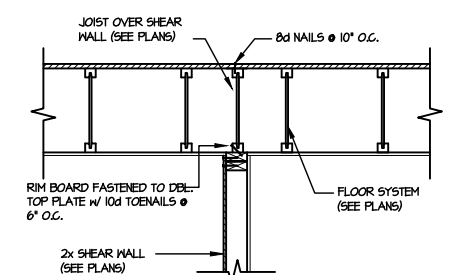
**3** SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE  
SCALE: 3/4"=1'-0"



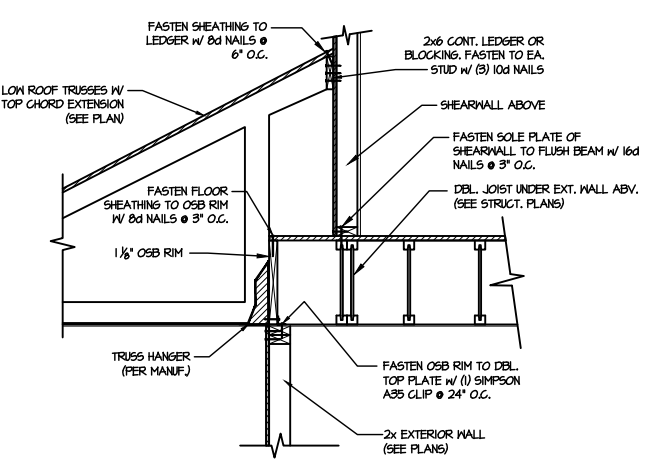
**4** SHEAR TRANSFER DETAIL BETWEEN FLOORS @ CANT'D EXT. WALL  
SCALE: 3/4"=1'-0"  
PERPENDICULAR FRAMING



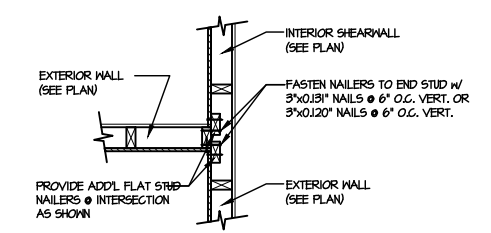
**5** SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL ABOVE  
SCALE: 3/4"=1'-0"  
PARALLEL FRAMING



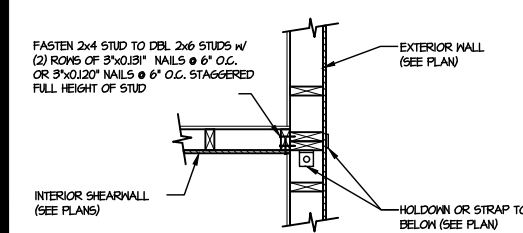
**6** SHEAR TRANSFER DETAIL @ INTERIOR SHEAR WALL  
SCALE: 3/4"=1'-0"  
PARALLEL TO FRAMING  
ONLY READ WHERE NOTED ON PLAN



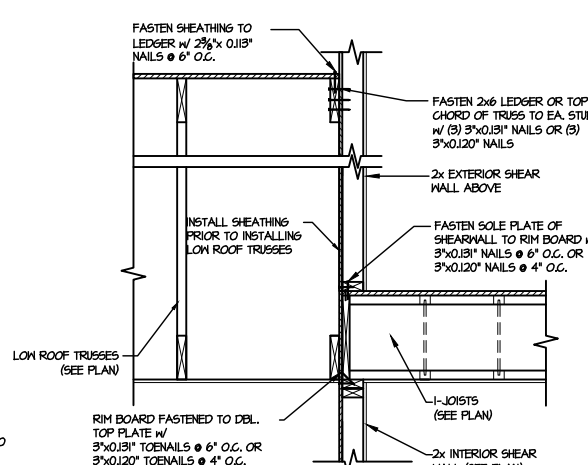
**7** SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL ABOVE  
SCALE: 3/4"=1'-0"  
PARALLEL FRAMING



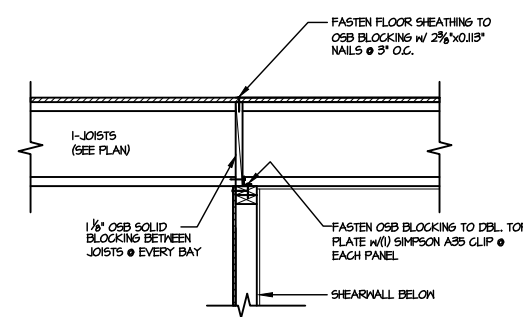
**8** SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL  
SCALE: 3/4"=1'-0"  
SHTS. ON SAME PAGE



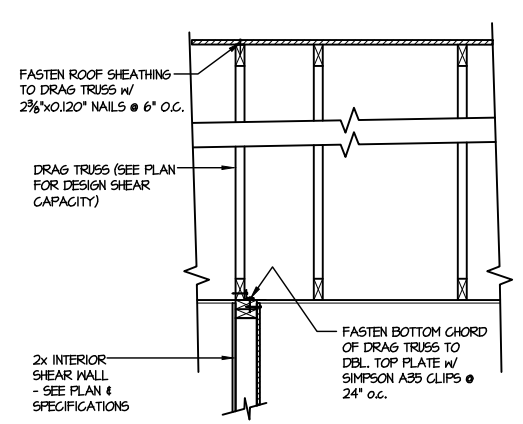
**9** SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL  
SCALE: N.T.S.



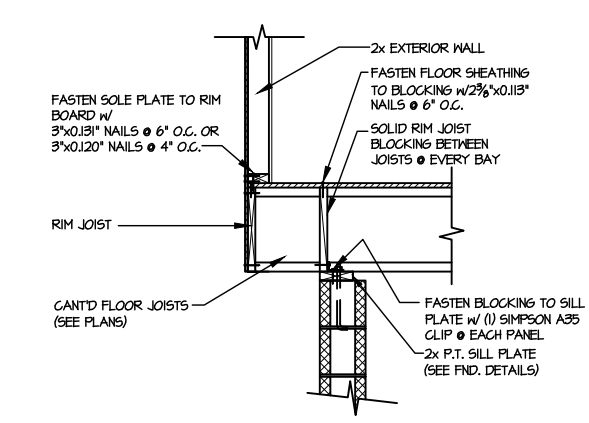
**10** TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL  
SCALE: 3/4"=1'-0"



**11** SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL BELOW  
SCALE: 3/4"=1'-0"  
PERPENDICULAR FRAMING



**12** INTERIOR DRAG TRUSS DETAIL  
SCALE: 3/4"=1'-0"

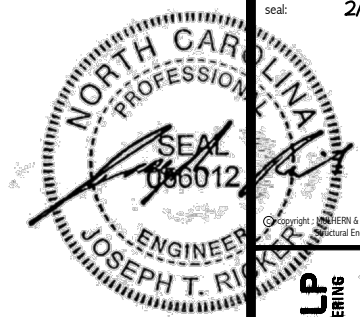


**13** SHEAR TRANSFER DETAIL @ CANT'D EXTERIOR WALL  
SCALE: 3/4"=1'-0"

FILE: RLH - Neil's Creek - Lot 193 - Structural DATE: 2/22/2024 9:02 AM

DRB HOMES

FRAMING DETAILS  
FARM AT NEIL'S CREEK  
LOT 193 - MERLOT 1  
RALEIGH, NC



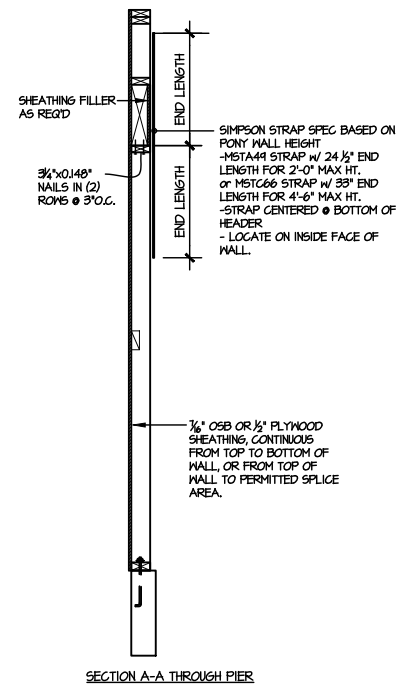
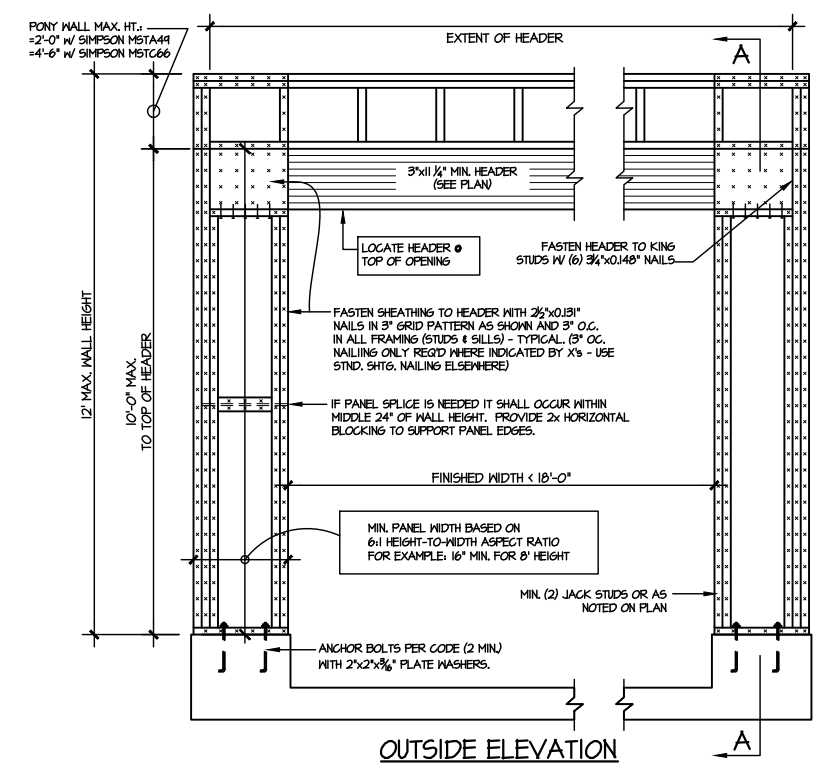
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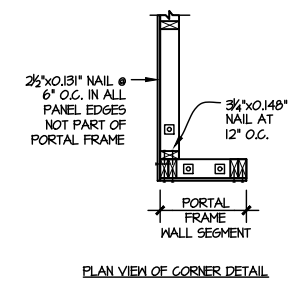
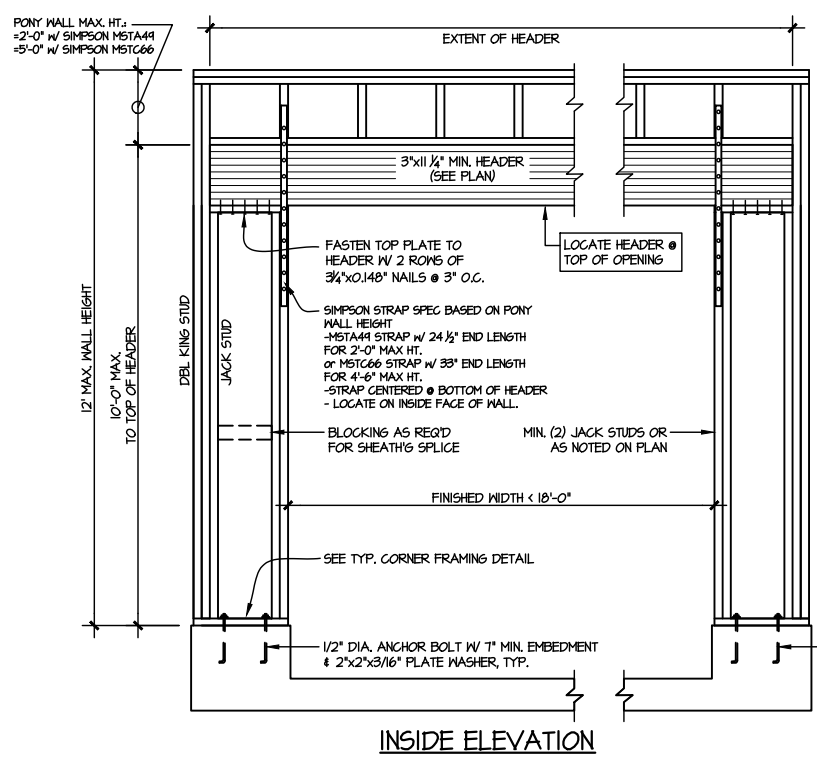
M&K project number:  
126-22076  
project mgr: JTR  
drawn by: KFG  
issue date: 02-13-24  
REVISIONS:  
date: initial:



FRAMING DETAILS  
FARM AT NEIL'S CREEK  
LOT 193 - MERLOT 1  
RALEIGH, NC

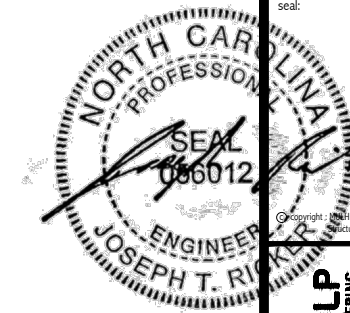


NOTE: ALL SHEATHABLE AREAS OF EXTERIOR WALL SHALL BE FULLY SHEATHED WITH 1/2" PLYWOOD OR 3/8" OSB



ALTERNATIVES TO 1/2" DIA. ANCHOR BOLT:  
1) 1/2" DIA. x 6" LONG SIMPSON TITEN HD  
2) 1/2" DIA. THREADED ROD EPOXY SET w/ 4 1/2" EMBED. (MIN UTILIZING HILTI HY200 EPOXY ANCHORING SYSTEM (OR EQUAL))

TWO SIDED GARAGE PORTAL FRAME BRACING  
ELEVATION ON CONCRETE STEM  
SCALE: N.T.S.



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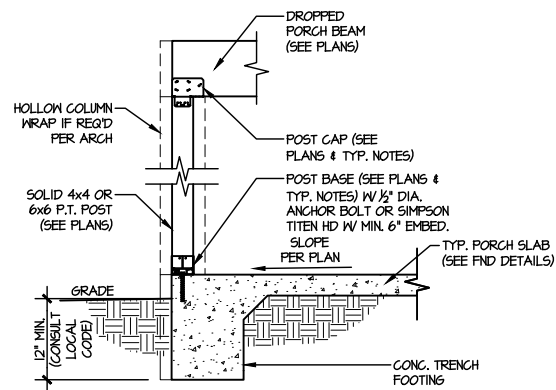
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NC LIC. #C-3825



M&K project number:  
126-22076

project mgr: JTR  
drawn by: KFG  
issue date: 02-13-24

REVISIONS:  
date: initial:



**3** TYPICAL PORCH POST CONNECTION DETAIL  
SCALE: NONE SLAB ON GRADE SHOWN (SIM. @ CRAWL & BSMT.)



FRAMING DETAILS  
FARM AT NEIL'S CREEK  
LOT 193 - MERLOT 1  
RALEIGH, NC

sheet:  
**SD3.0**

**General Notes:** \*\* CUTTING OR DRILLING OF COMPONENTS SHOULD NOT BE DONE WITHOUT CONTACTING COMPONENT SUPPLIER FIRST. CUSTOMER TAKES FULL RESPONSIBILITY FOR COMPONENTS IF CUT BEFORE AUTHORIZATION. \*\* ALL BEARING POINTS MUST BE INSTALLED PRIOR TO SETTING ANY COMPONENTS.

Revisions	
00/00/00	Name
00/00/00	Name
00/00/00	Name
00/00/00	Name
00/00/00	Name

**THIS IS A TRUSS PLACEMENT DIAGRAM ONLY.** These trusses are designed as individual components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor systems and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding the bracing, consult "Bracing of Wood Truss" available from the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53179.

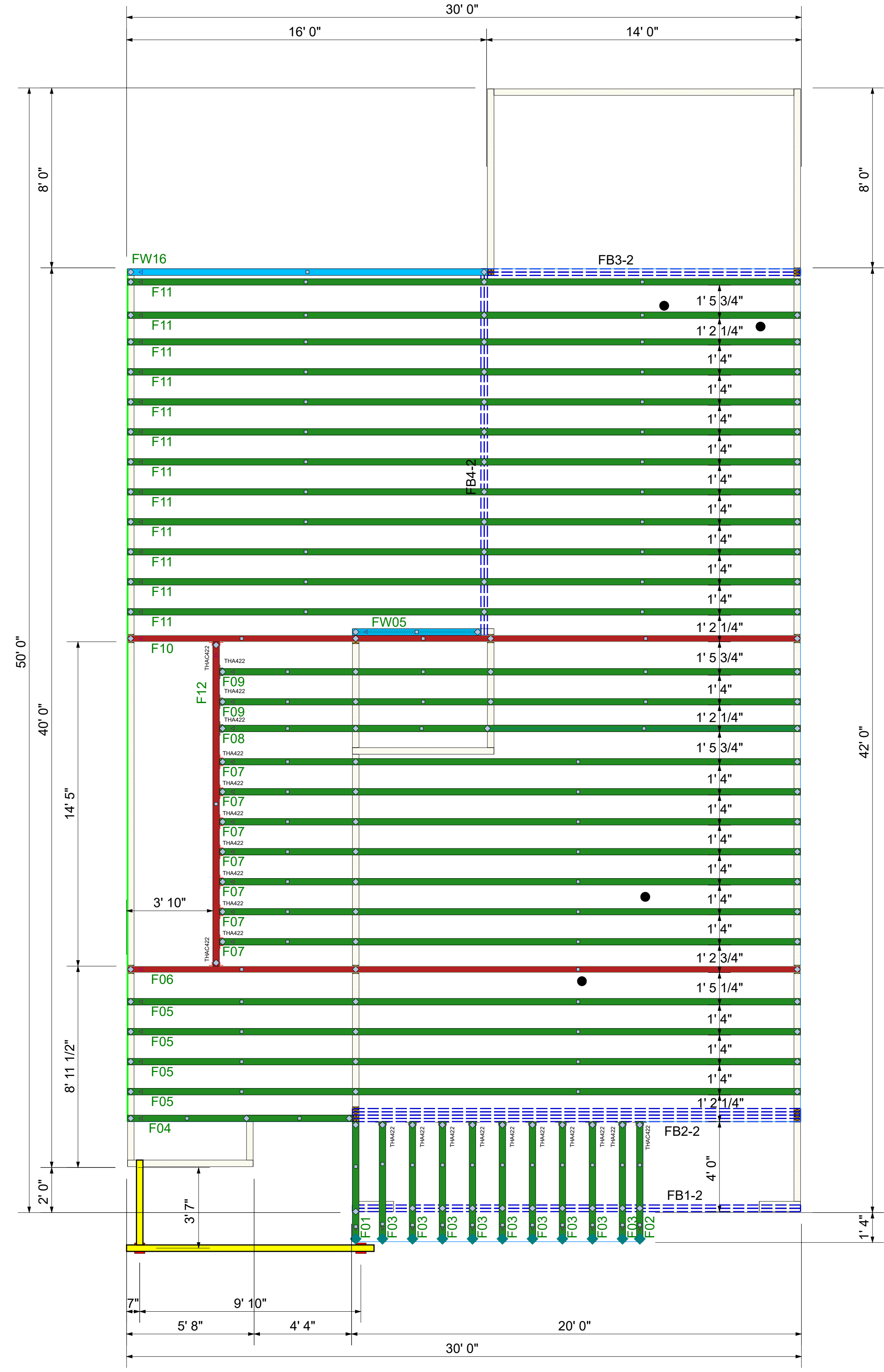


DRB HOMES  
193 FARM AT NEILLS CREEK  
MERLOT 1  
**COMPONENT PLAN**  
**PLACEMENT PLAN**

Scale:	NTS
Date:	2/15/2024
Designer:	ND
Project Number:	24020063
Sheet Number:	1/1

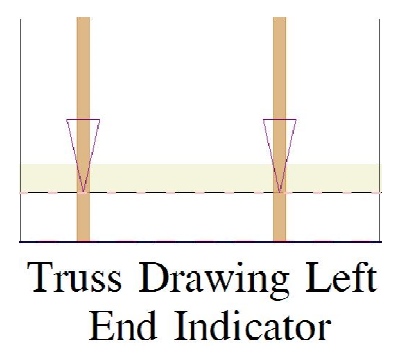
PlotID	Length	Product	Products		
			Plies	Net Qty	Fab Type
FB1-2	20' 0"	2.0 RigidLam DF LVL 1-3/4 x 11-7/8	2	2	FF
FB2-2	20' 0"	2.0 RigidLam DF LVL 1-3/4 x 14	4	4	FF
FB4-2	18' 0"	2.0 RigidLam DF LVL 1-3/4 x 14	2	2	FF
FB3-2	14' 0"	2.0 RigidLam DF LVL 1-3/4 x 14	2	2	FF

Truss Connector Total List		
Manuf	Product	Qty
Simpson	THA422	20
Simpson	THAC422	3



\*\* DAMAGED COMPONENTS SHOULD NOT BE INSTALLED UNLESS TOLD TO BY THE COMPONENT PLANT.

\*\* FRAMER MUST REFER TO PLANS WHILE SETTING COMPONENTS.

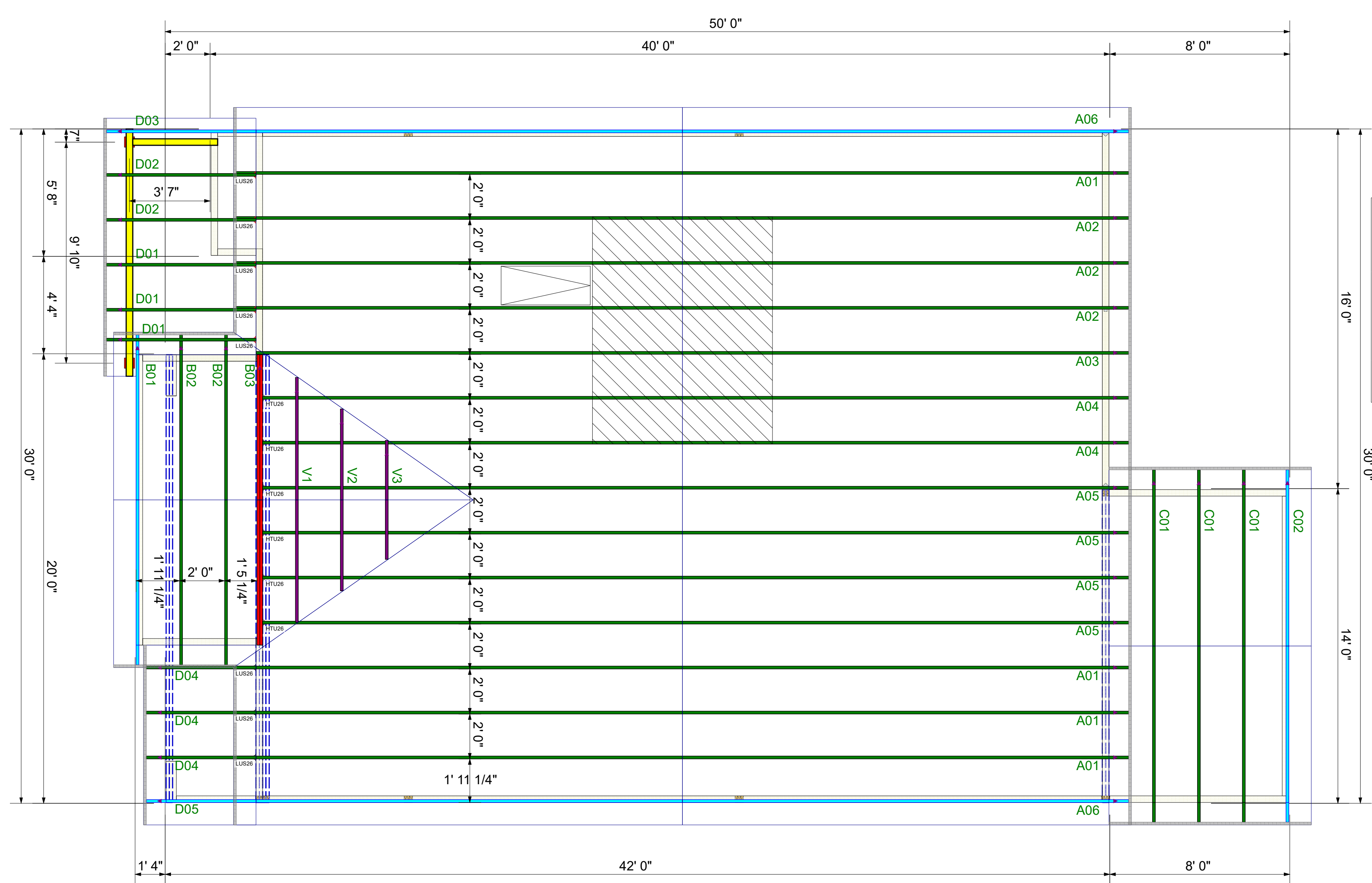


\*\* TRUSS TO TRUSS CONNECTIONS ARE TOE-NAILED, UNLESS NOTED OTHERWISE. \*\* DIMENSIONS ARE READ AS: FOOT-INCH-SIXTEENTH. \*\* GIRDERS MUST BE FULLY CONNECTED TOGETHER PRIOR TO ADDING ANY LOADS. \*\* TRIANGULAR SYMBOL NEAR END OF TRUSS INDICATES LEFT END OF TRUSS AS SHOWN ON INDIVIDUAL TRUSS DRAWINGS. \*\* PLUMBING DROPS NOTED ARE IN THE APPROXIMATE LOCATIONS PER PLAN. BUILDER TO VERIFY LOCATIONS BEFORE SETTING TRUSSES. \*\* REFER TO FINAL TRUSS ENGINEERING SHEETS FOR PLY TO PLY CONNECTIONS.

\*\* CUTTING OR DRILLING OF COMPONENTS SHOULD NOT BE DONE WITHOUT CONTACTING COMPONENT SUPPLIER FIRST. CUSTOMER TAKES FULL RESPONSIBILITY FOR COMPONENTS IF CUT BEFORE AUTHORIZATION.

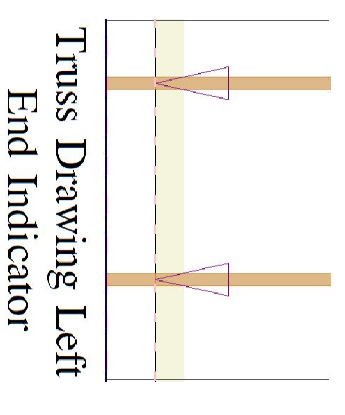
\*\* ALL BEARING POINTS MUST BE INSTALLED PRIOR TO SETTING ANY COMPONENTS.

Truss Connector Total List			
Manuf	Product	Qty	
Simpson	HTU26	6	
Simpson	LUS26	8	



\*\* FRAMER MUST REFER TO PLANS WHILE SETTING COMPONENTS.

\*\* DAMAGED COMPONENTS SHOULD NOT BE INSTALLED UNLESS TOLD TO BY THE COMPONENT PLANT.



\*\* TRIANGULAR SYMBOL NEAR END OF TRUSS INDICATES LEFT END OF TRUSS AS SHOWN ON INDIVIDUAL TRUSS DRAWINGS.

\*\* PLUMBING DROPS NOTED ARE IN THE APPROXIMATE LOCATIONS PER PLAN. BUILDER TO VERIFY LOCATIONS BEFORE SETTING TRUSSES.

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\*\* TRUSS TO TRUSS CONNECTIONS ARE TOE-NAILED, UNLESS NOTED OTHERWISE.

Scale:	NTS
Date:	2/15/2024
Designer:	ND
Project Number:	24020063
Sheet Number:	1/1

DRB HOMES  
 193 FARM AT NEILLS CREEK  
 MERLOT 1  
**COMPONENT  
 PLACEMENT PLAN**



**THIS IS A TRUSS PLACEMENT DIAGRAM ONLY.** These trusses are designed as individual components to be incorporated into the building design at the specification of the building designer. See Individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor systems and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding the bracing, consult "Bracing of Wood Truss" available from the Truss Plate Institute, 583 D'Onofrio Drive: Madison, WI 53179

Revisions	
Name	
00/00/00	Name
00/00/00	Name
00/00/00	Name
00/00/00	Name