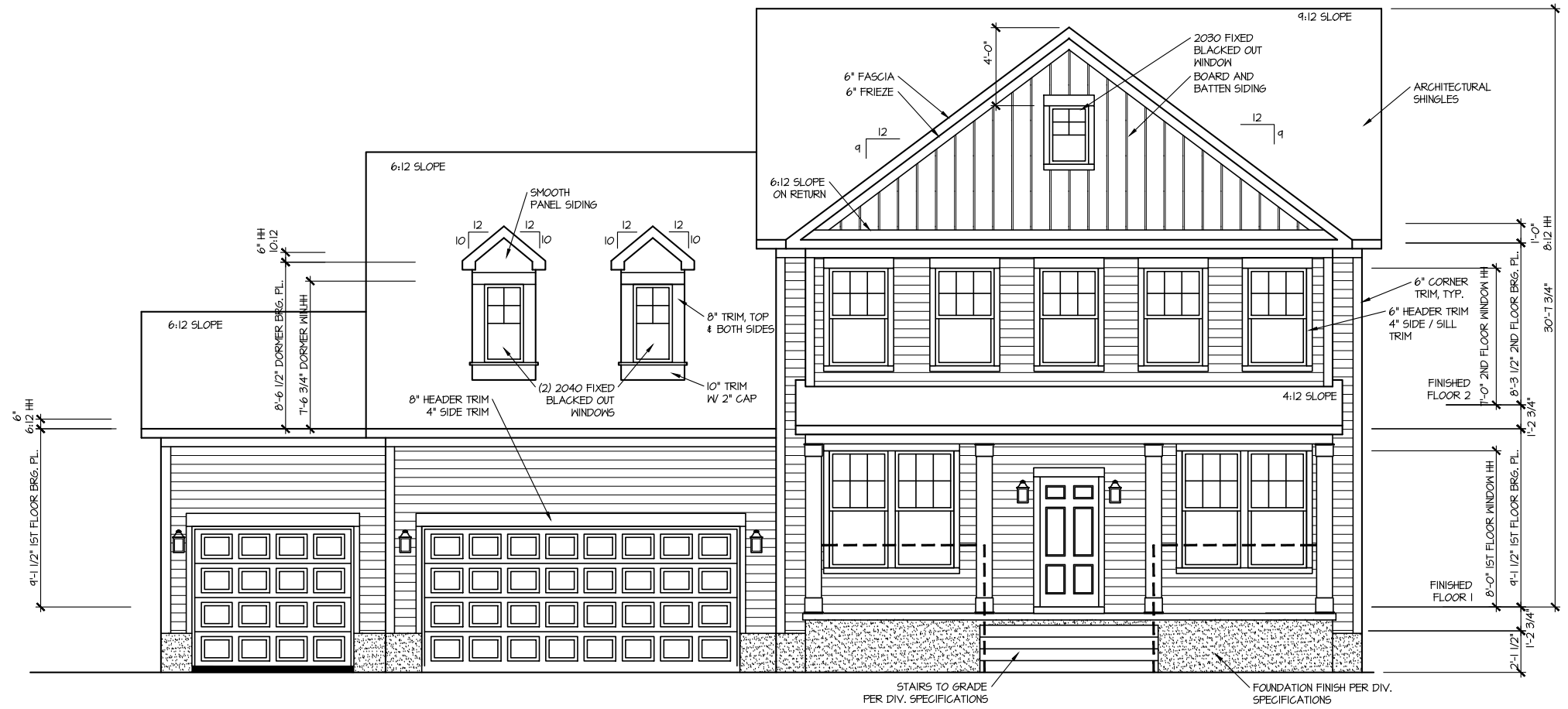


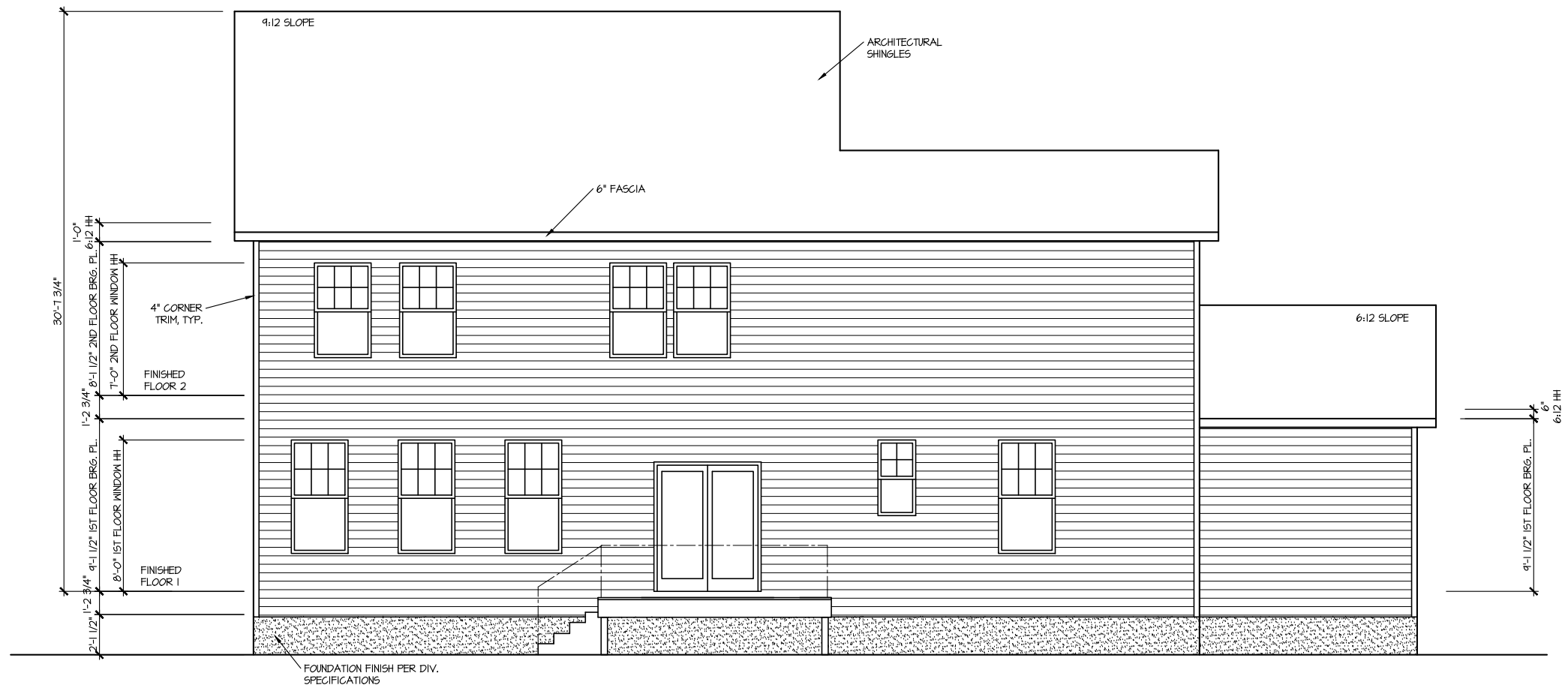
FRONT ELEVATION 4

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



REAR ELEVATION 4

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



MASTER PLAN INFORMATION	
REVISION	DATE
99	10-05-22
UPDATED DATE	09-13-2023

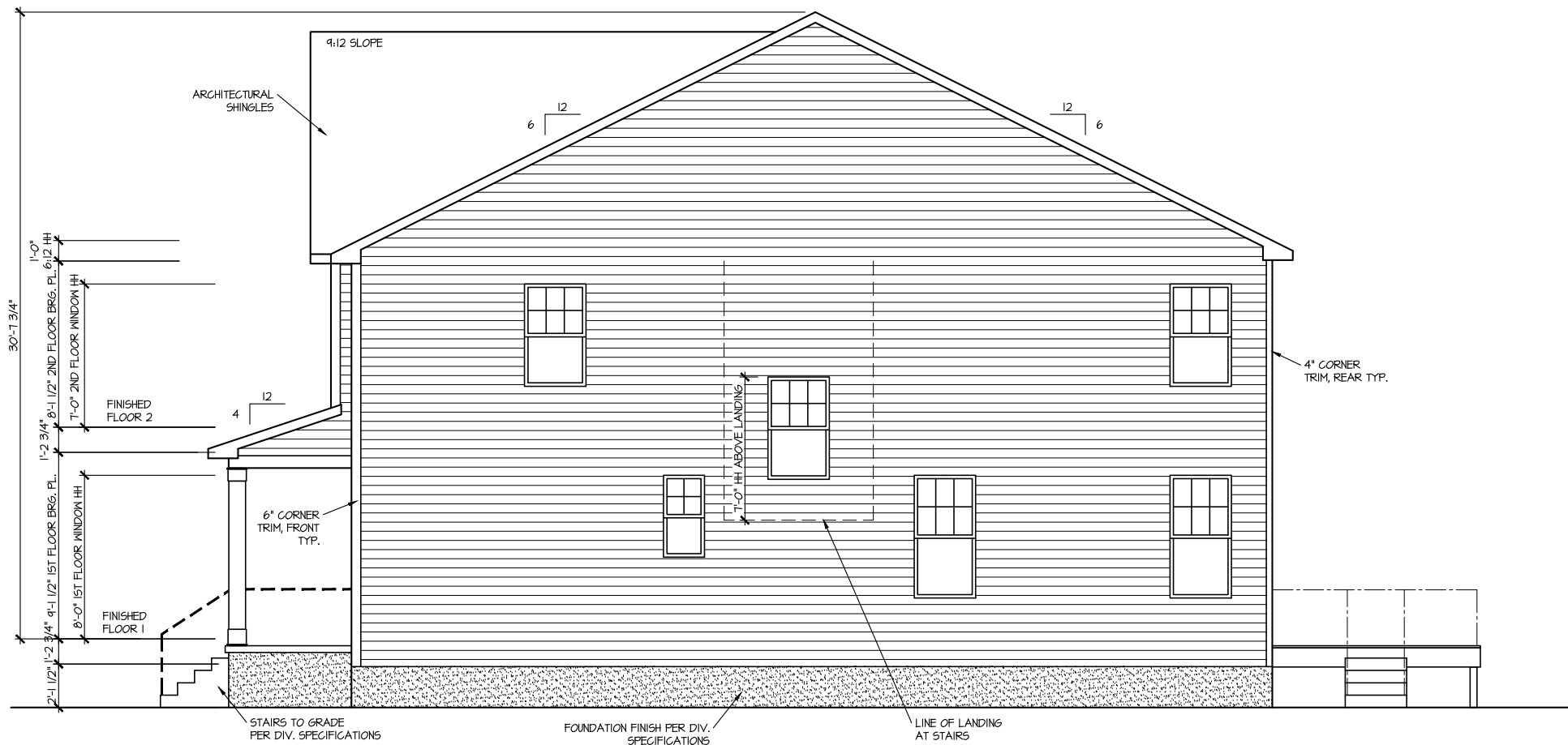
DRAWN BY:	ITS
DATE:	02/08/2024
PLAN NO.	3186



HOUSE NAME:	NORRIS
DRAWING TITLE	FRONT & REAR ELEVATIONS

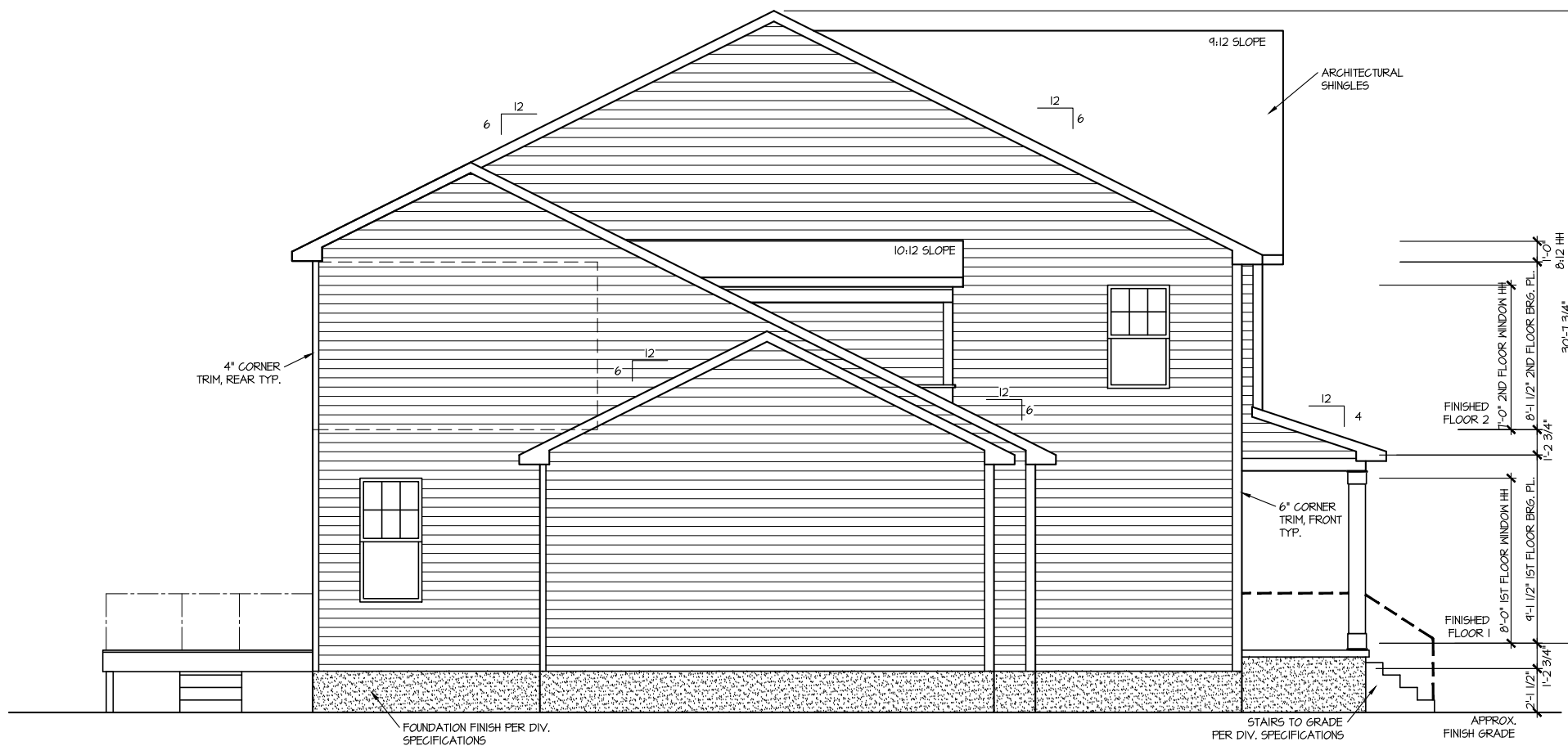
SHEET No.	A.I.
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RIGHT ELEVATION 4

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



LEFT ELEVATION 4

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

MASTER PLAN INFORMATION	
REVISION	DATE
99	10-05-22
UPDATED DATE	09-13-2023

DRAWN BY: ITS
 DATE: 02/08/2024
 PLAN NO. 3186

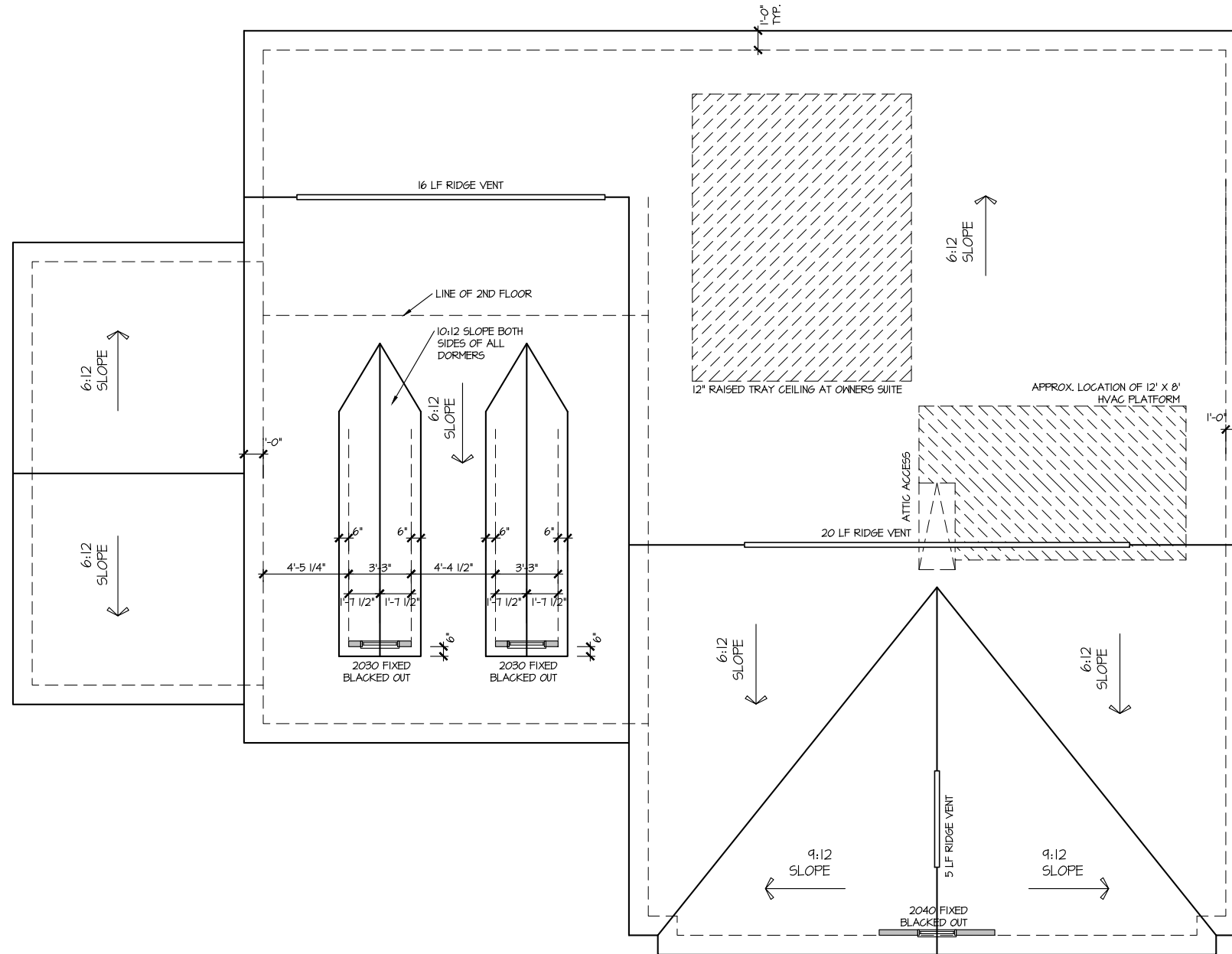


HOUSE NAME: NORRIS
 DRAWING TITLE: RIGHT & LEFT ELEVATIONS

SHEET No. A1.2

UPPER ROOF VENTILATION CALCULATIONS:

ROOF AREA = 2947 SQ. FT.
 OVERALL REQUIRED VENTILATION:
 1 TO 150 = 15.47 SQ. FT.
 1 TO 300 = 7.22 SQ. FT.
 50-80% IN TOP THIRD = 3.91 - 6.26 SQ. FT. (1 TO 300)
 NET FREE AREA OF VENTED SOFFIT = 5.1 SQ. IN. / LINEAR FT.
 NET FREE AREA OF RIDGE VENT = 16 SQ. IN. / LINEAR FT.
 LOWER VENTING (BOTTOM 2/3 RDS):
 94 LINEAR FEET OF SOFFIT X 5.1 SQ. IN. = 3.39 SQ. FT.
 UPPER VENTING (TOP 1/3 RDS):
 41 LINEAR FEET OF RIDGE X 16 SQ. IN. = 5.9 SQ. FT.
 5.19 SQ. FT. BETWEEN 50% - 80%
 (1 TO 300 ALLOWED)
 TOTAL ROOF VENTILATION: 8.46 SQ. FT. > 7.82 SQ. FT. (REQ'D)



ROOF PLAN ELEV. 4

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

UPDATED DATE
09-13-2023

MASTER PLAN INFORMATION	
REVISION	DATE
99	10-05-22

DRAWN BY:
ITS

DATE:
02/08/2024

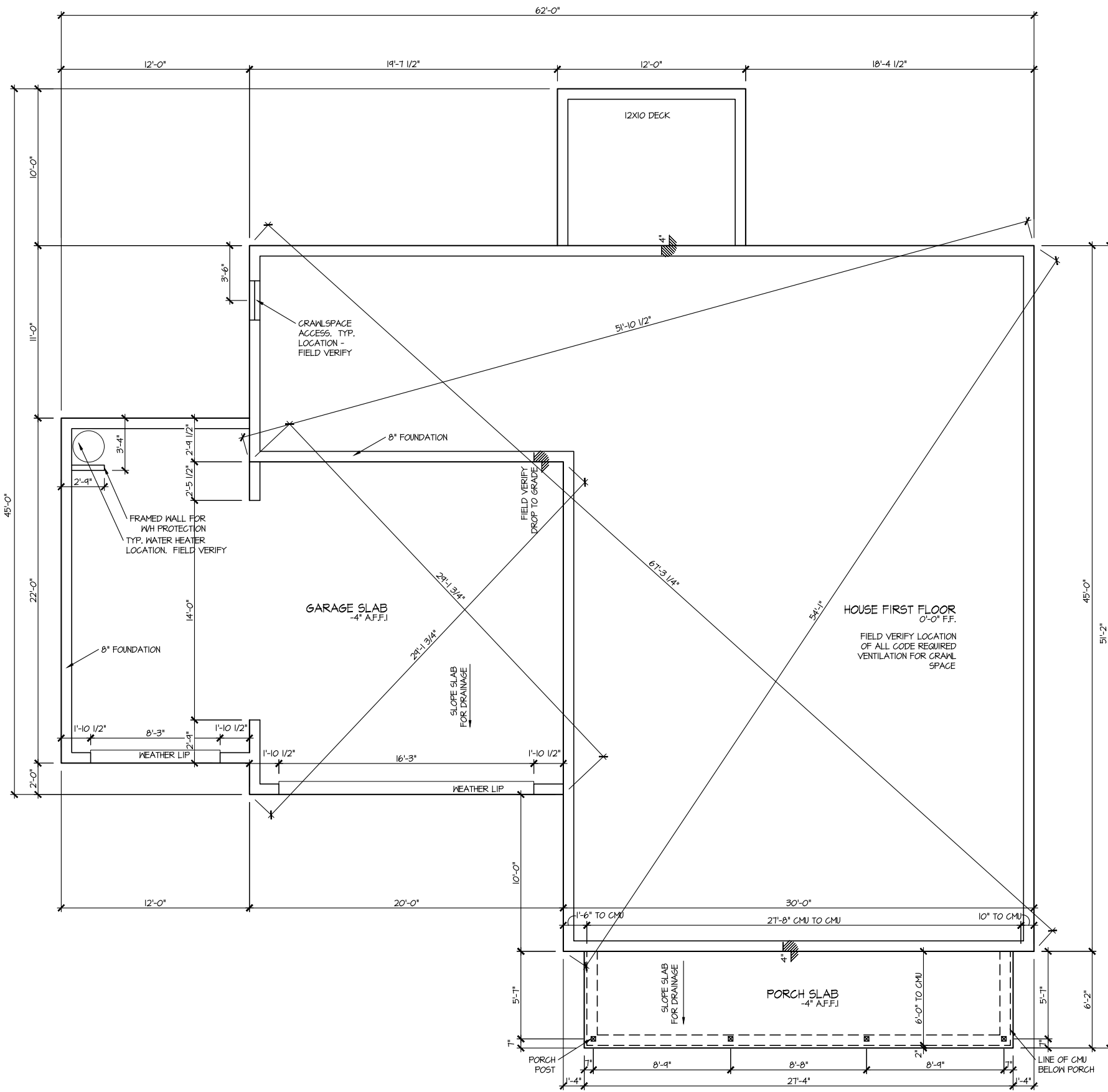
PLAN NO.
3186



HOUSE NAME:
NORRIS
DRAWING TITLE
ROOF PLAN

SHEET No.

A13



ELEVATION 4
CRAWL SPACE PLAN
SCALE: 1/8" = 1'-0"

MASTER PLAN INFORMATION
REVISION DATE 10-05-22
UPDATED DATE 09-13-2023

DRAWN BY: ITS
DATE: 02/08/2024
PLAN NO. 3186



HOUSE NAME: NORRIS
DRAWING TITLE: CRAWL SPACE PLAN

SHEET No. A2.1

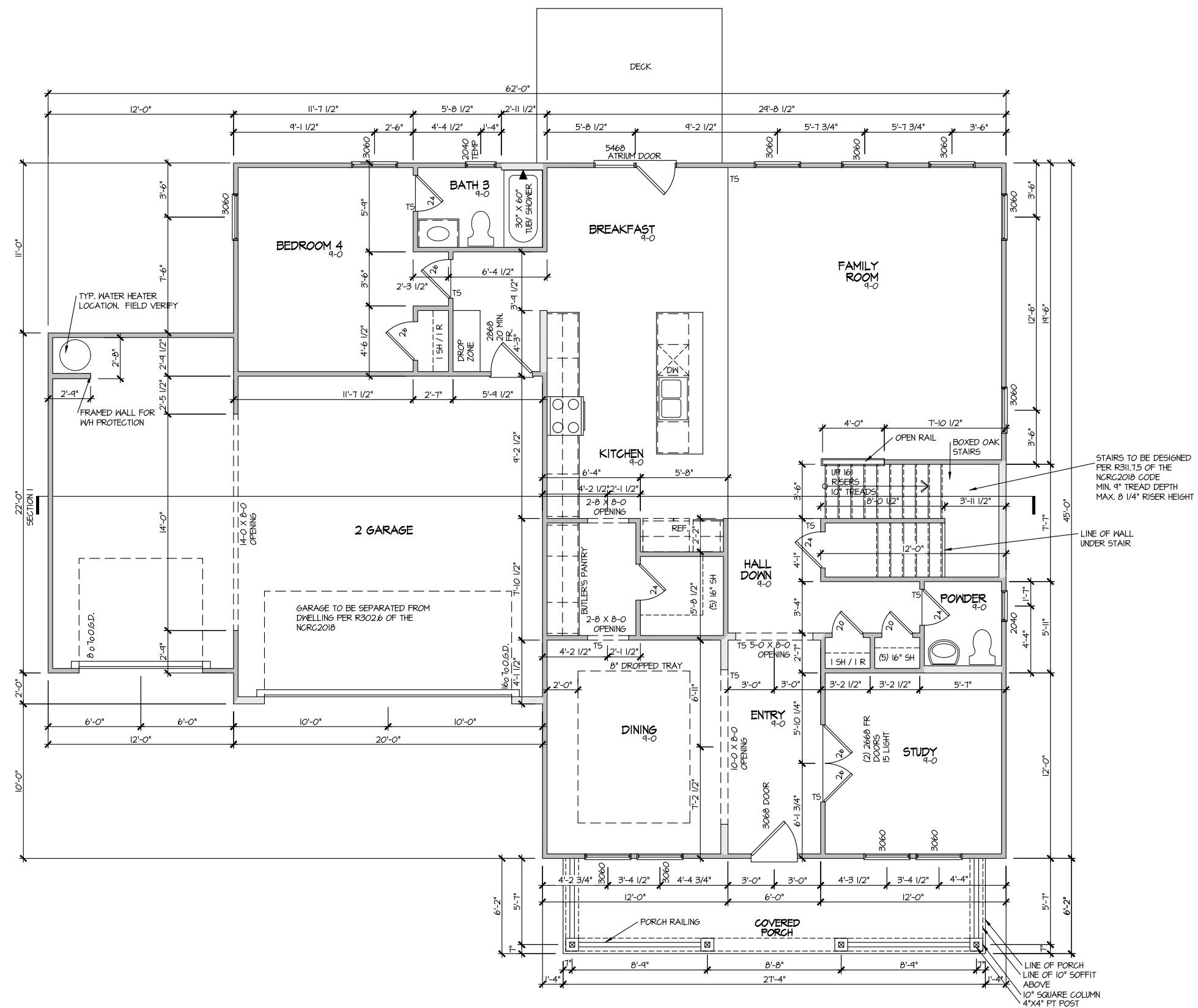
MASTER PLAN INFORMATION	
REVISION	DATE
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UPDATED DATE	09-13-2023

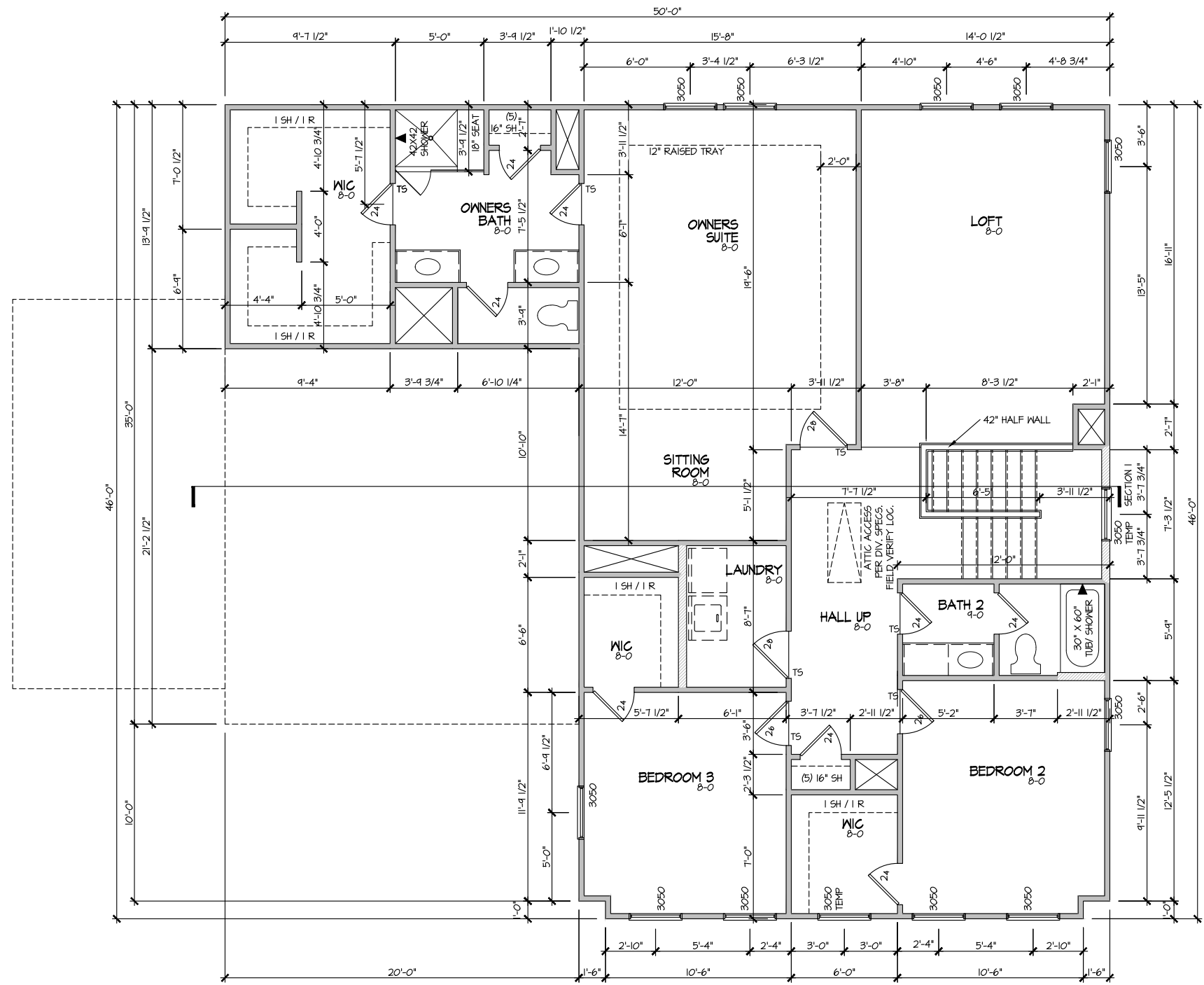
DRAWN BY:	ITS
DATE:	02/08/2024
PLAN NO.	3186



HOUSE NAME:	NORRIS
DRAWING TITLE	FIRST FLOOR PLAN

SHEET No.	A3.1
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ELEVATION 4
 SECOND FLOOR PLAN
 SCALE: 1/8" = 1'-0"

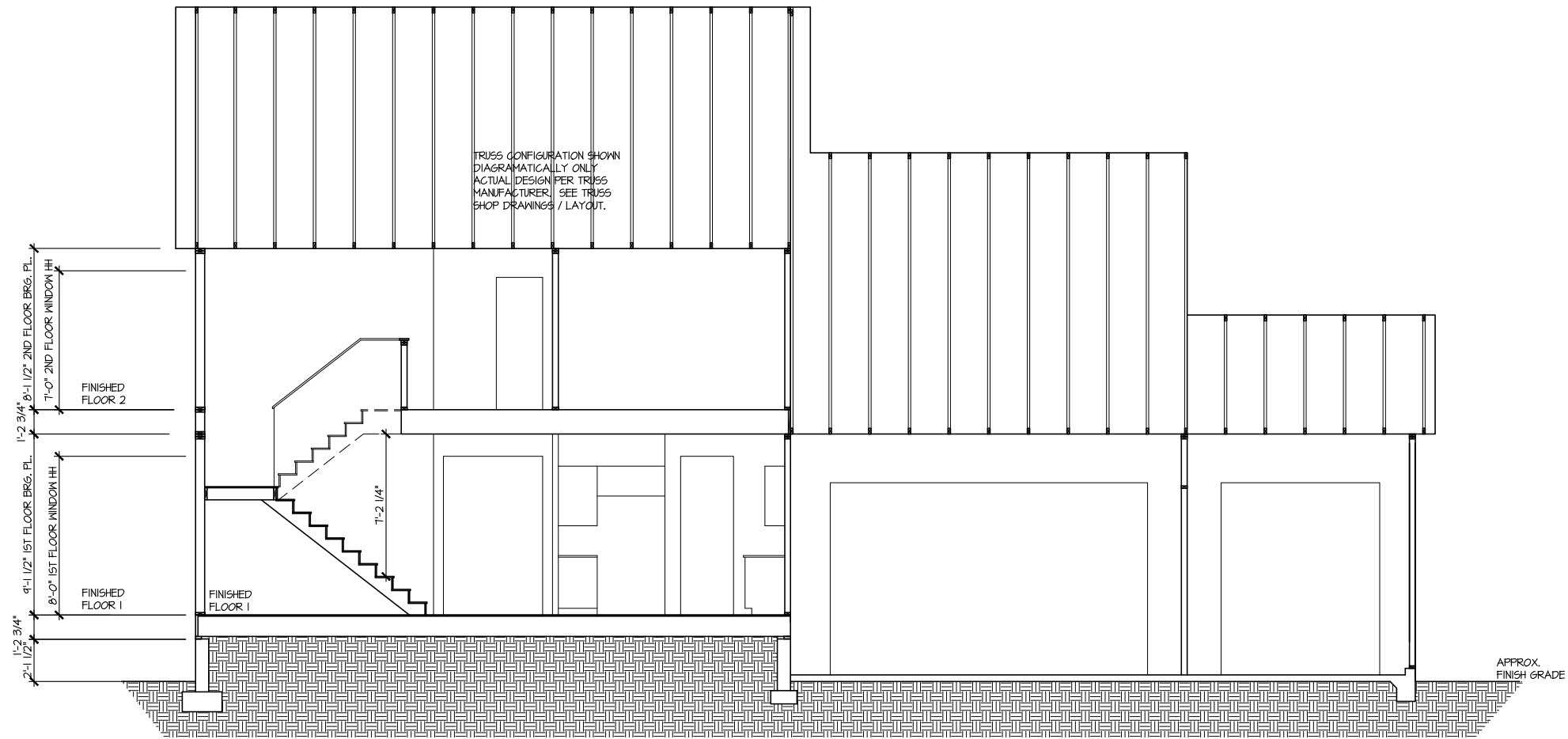
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REVISION	DATE
99	10-05-22
UPDATED DATE	09-13-2023

DRAWN BY:	ITS
DATE:	02/08/2024
PLAN NO.	3186



HOUSE NAME:	NORRIS
DRAWING TITLE	SECOND FLOOR PLAN

SHEET No.	A3.2
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SECTION I
SCALE: 1/8" = 1'-0"

MASTER PLAN INFORMATION	
REVISION	DATE
99	10-05-22

DRAWN BY:	ITS
DATE:	02/08/2024
PLAN NO.	3186



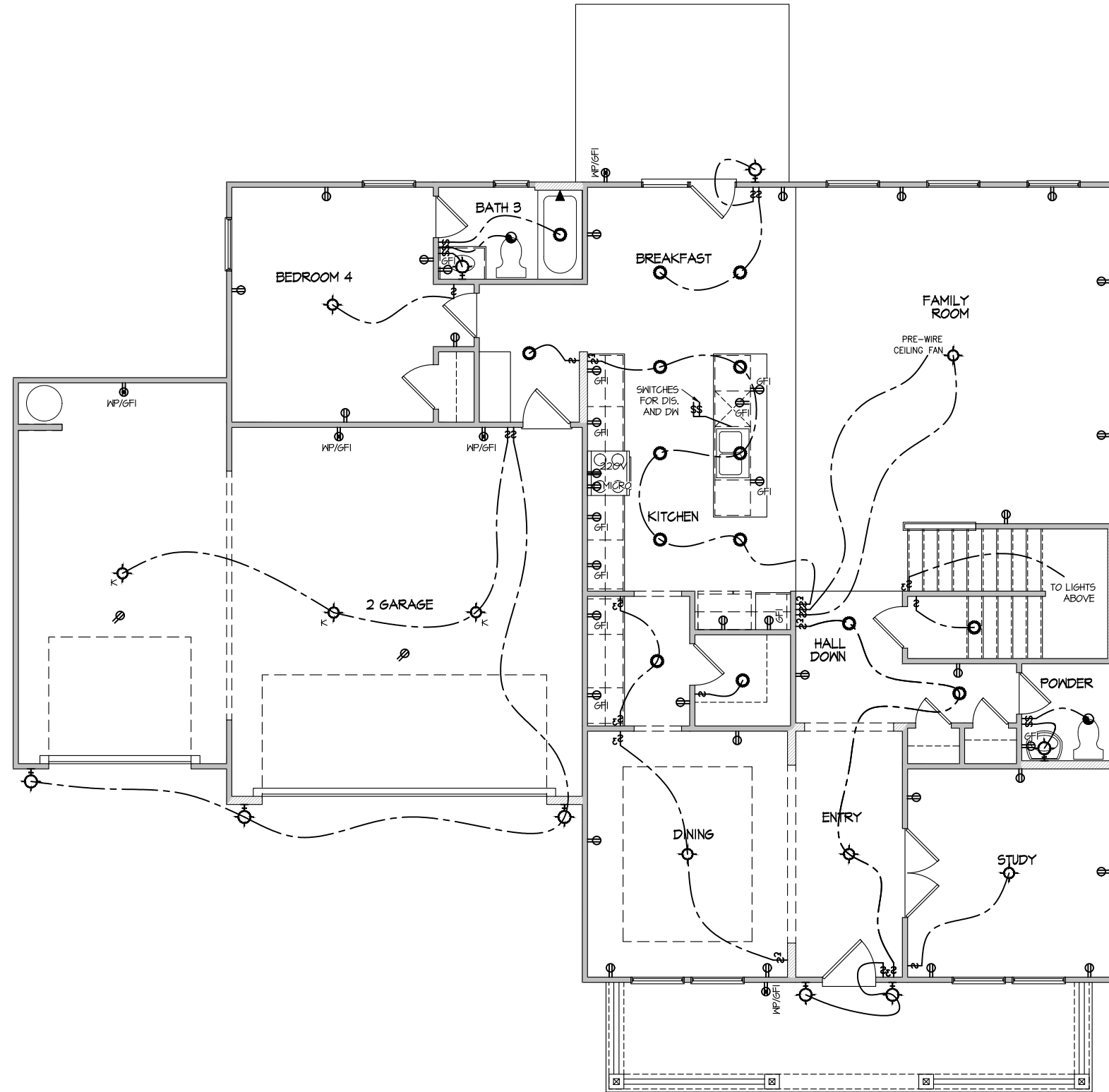
HOUSE NAME:	NORRIS
DRAWING TITLE	BUILDING SECTION

SHEET No.
A4.1

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
- ⊕ TV JACK
- ⊕ TV JACK
- ⊕ CO / SMOKE DETECTOR
- ⊕ DOOR CHIME
- ⊕ LIGHT FIXTURE - WALL MOUNTED
- ⊕ LIGHT FIXTURE - CEILING MOUNTED
- ⊕ LIGHT FIXTURE - SURFACE MOUNTED LED
- ⊕ FULLCHAIN LAMPHOLDER
- ⊕ KEYLESS LAMPHOLDER
- ⊕ MOTION SENSOR FLOOD LIGHT

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



ELECTRICAL PLAN
FIRST FLOOR - ELEV. 4
 SCALE: 1/8" = 1'-0"

MASTER PLAN INFORMATION
 REVISION DATE 10-05-22
 UPDATED DATE 09-13-2023

DRAWN BY: ITS
 DATE: 02/08/2024
 PLAN NO. 3186



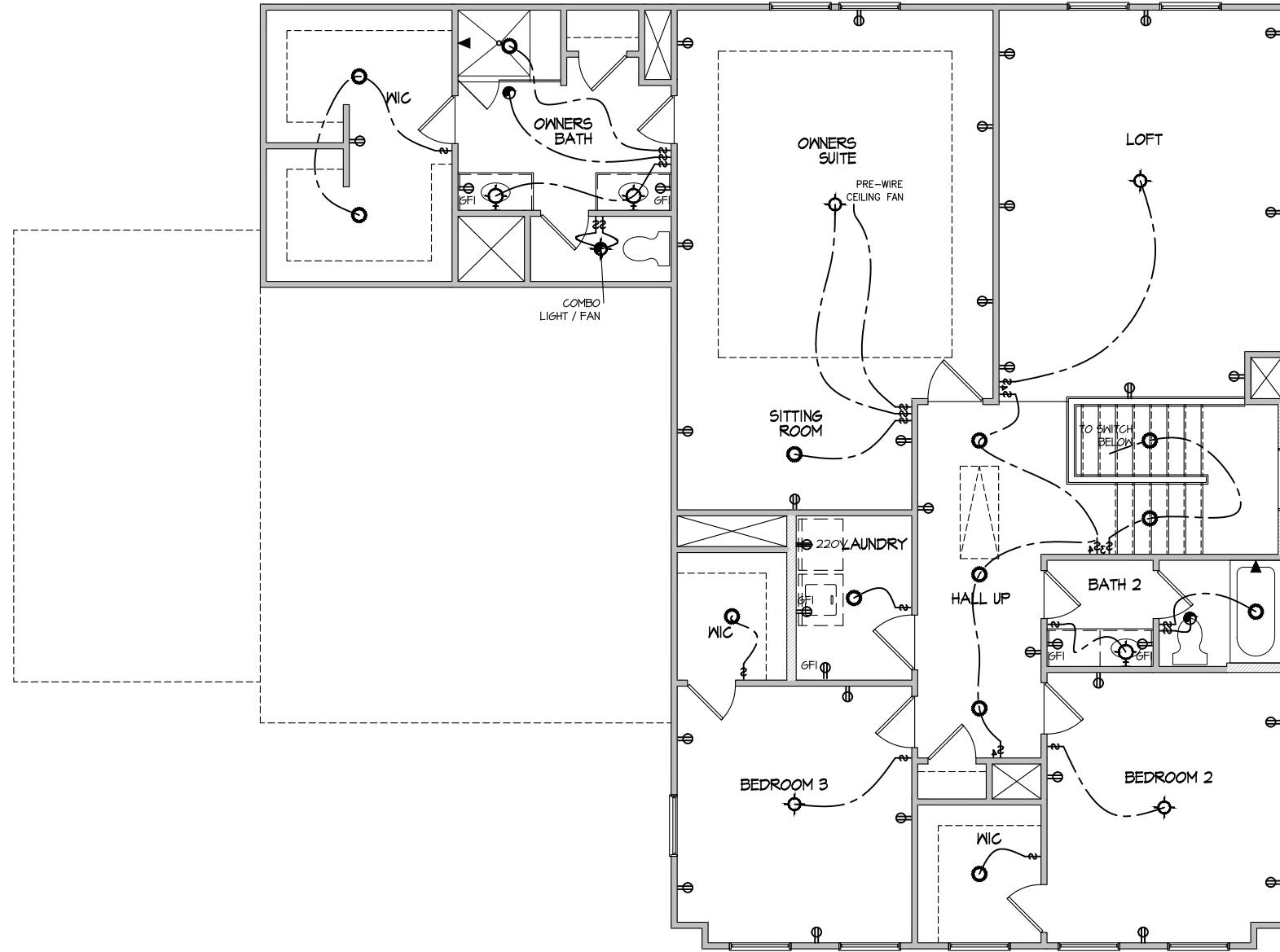
HOUSE NAME: NORRIS
 DRAWING TITLE: FIRST FLOOR ELECTRICAL

SHEET No. E.I.

ELECTRICAL LEGEND

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

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. 4
 SCALE: 1/8" = 1'-0"

UPDATED DATE
 09-13-2023

REVISION	DATE
99	10-05-22

DRAWN BY:
 ITS
 DATE:
 02/08/2024
 PLAN NO.
 3186



HOUSE NAME:
 NORRIS
 DRAWING TITLE
 SECOND FLOOR ELECTRICAL

SHEET No.
 E1.2

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

Table with 3 columns: DESCRIPTION OF BLDG. ELEMENT, 3"x0.131" NAILS, 3"x0.120" NAILS. Rows include JOIST TO SOLE PLATE, SOLE PLATE TO JOIST/BLK'G, STUD TO SOLE PLATE, etc.

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, INCLUDING, BUT NOT LIMITED TO; FOUNDATIONS, SLABS ON GRADE, BEAMS, WALLS, AND NON-BEARING ELEMENTS.

ADDITIONAL NOTES FOR TRUSS & I-JOIST MANUFACTURER

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

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

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.
DESIGN LOADS: ROOF DEAD = 7 PSF T.C., 10 PSF B.C. LIVE = 16 PSF LOAD DURATION FACTOR = 1.25

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.
REFER TO FASTENING SCHEDULE TABLE R602.3(1) FOR ALL CONNECTIONS, TYP. U.N.O.
EXT. & INT. BRG WALLS SHALL BE 2x4 OR 2x6 (AS SHOWN ON PLANS)

FLOOR FRAMING

- I-JOISTS/TRUSSES SHALL BE DESIGNED BY MANUF. TO MEET OR EXCEED L/480 LIVE LOAD DEFLECTION CRITERIA.
AT 1-JOIST FLOORS, PROVIDE 1 1/8" MIN. OSB RIM BOARD.
METAL HANGERS SHALL BE SPECIFIED BY MANUFACTURER, U.N.O.

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 H25T CLIP (OR APPROVED EQUAL) @ ALL BEARING POINTS.
ERECT AND INSTALL ROOF TRUSSES PER WTCA & TPI'S BCS1 I-08 "GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING & BRACING OF METAL PLATE CONNECTED WOOD TRUSSES."

VENEER LINTEL SCHEDULE

Table with 3 columns: SPAN (MAX), HEIGHT OF VENEER ABOVE LINTEL, STEEL ANGLE SIZE. Rows include 3'-0", 6'-0", 8'-0", 9'-6", 16'-0".

ALL LITLES:
- SHALL SUPPORT 2 1/2" - 3 1/2" VENEER W/ 40 PSF MAXIMUM HEIGHT.
- 16" SHALL HAVE 4" MIN. BEARING
- 16" SHALL NOT BE FASTENED BACK TO HEADER.

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

LATERAL BRACING & SHEAR WALL SHEATHING SPECIFICATIONS

THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM:
120 MPH WIND IN 2018 NC5BC:RC
(120 MPH WIND SPEED IN ASCE 7-10 WIND MAP, PER IRC R301.2.1.1) EXP. B, RISK CAT. 2 & SEISMIC CAT. A/B.

THE DESIGN WAS COMPLETED PER 2015 IBC (SECTION 1604) & ASCE 7-10, AS PERMITTED BY R301.1.3 OF THE 2018 NC5BC:RC, OR THE SIMPLIFIED PRESCRIPTIVE PROCEDURE IN ACCORDANCE WITH THE 2015 IRC IF THE PARAMETERS OF SECTION R602.12 COMPLY. ACCORDINGLY, THIS MODEL, AS DOCUMENTED AND DETAILED HEREIN, IS ADEQUATE TO RESIST THE CODE REQUIRED LATERAL FORCES.

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

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.

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.

INDICATES EXTENT OF INT. OSB SHEARWALL OR 3" O.C. OSB SHEARWALL.
INDICATES HOLD-DOWN BELOW

GENERAL STRUCTURAL NOTES

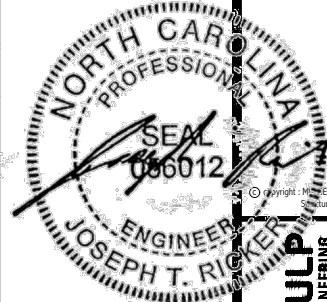
FOUNDATION

- DESIGN IS BASED ON 2018 NORTH CAROLINA STATE BUILDING CODE: RESIDENTIAL CODE.
FOOTING DESIGN - 2,000 PSF ALLOWABLE SOIL BEARING PRESSURE IS ASSUMED.
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)

HOLD-DOWN SCHEDULE

Table with 2 columns: SYMBOL, SPECIFICATION. Rows include HD-1 SIMPSON HTT4 HOLD-DOWN, HD-2 SIMPSON MSTC66 STRAP TIE, HD-3 SIMPSON STDH14/14RJ HOLD-DOWN.

ALTERNATIVE TO S6TB24 ANCHOR BOLT SPECIFICATION:
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.



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M&K project number: 126-23061

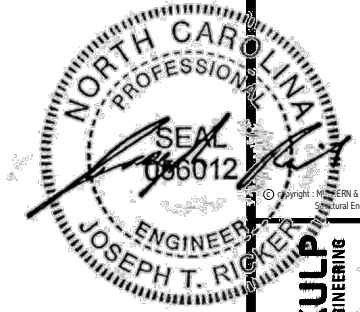
project mgr: JTR
drawn by: SJF
issue date: 02-12-24

REVISIONS:
date: initial:



STRUCTURAL NOTES
BLAKE POND
LOT 92 - NORRIS 4
RALEIGH, NC

sheet: S0.0



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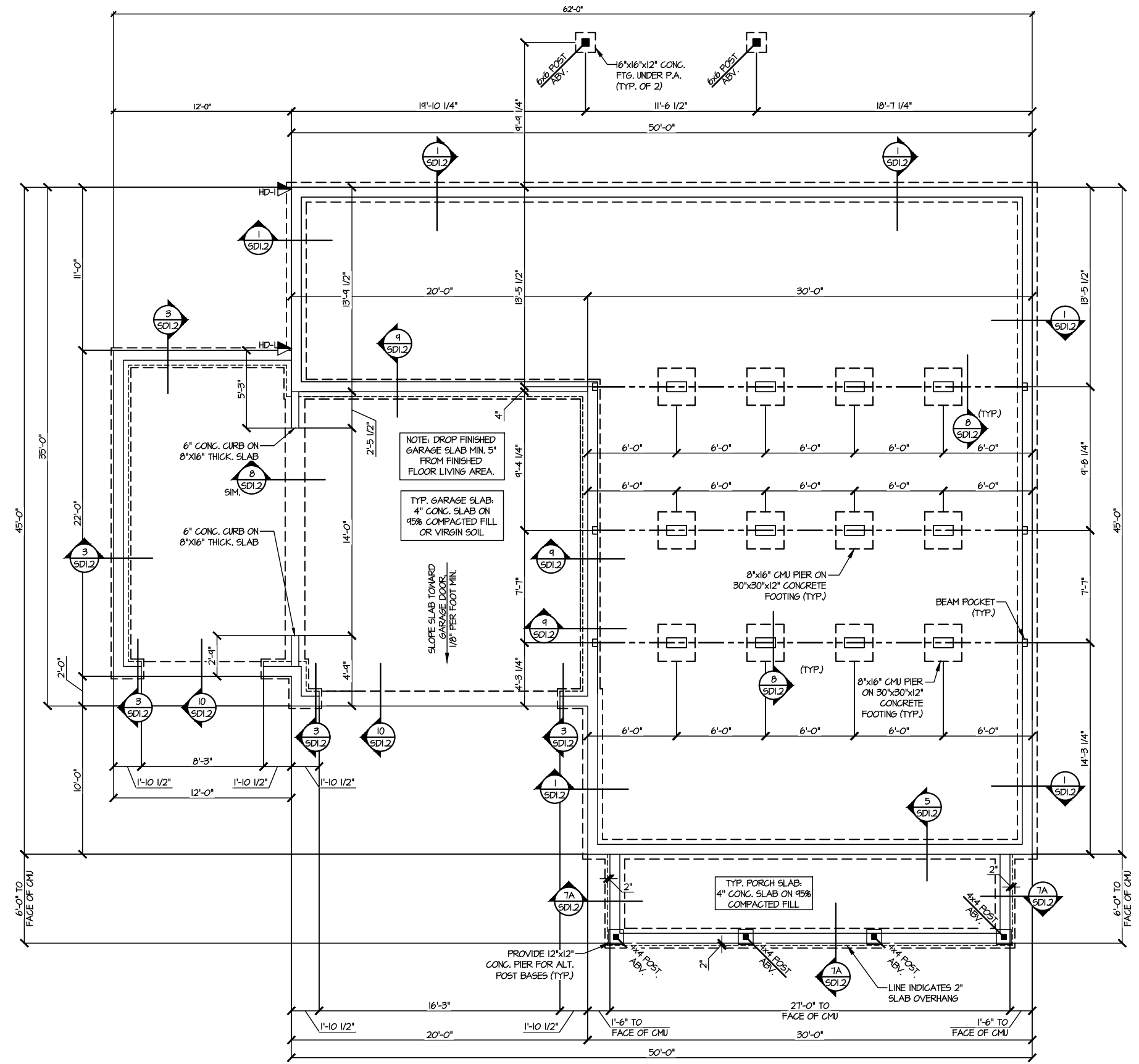
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126-23061
project mgr: JTR
drawn by: SJF
issue date: 02-12-24

REVISIONS:
date: initial:



FOUNDATION PLANS
BLAKE POND
LOT 92 - NORRIS 4
RALEIGH, NC

sheet:
S1.0



1 CRAWL SPACE FOUNDATION 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.

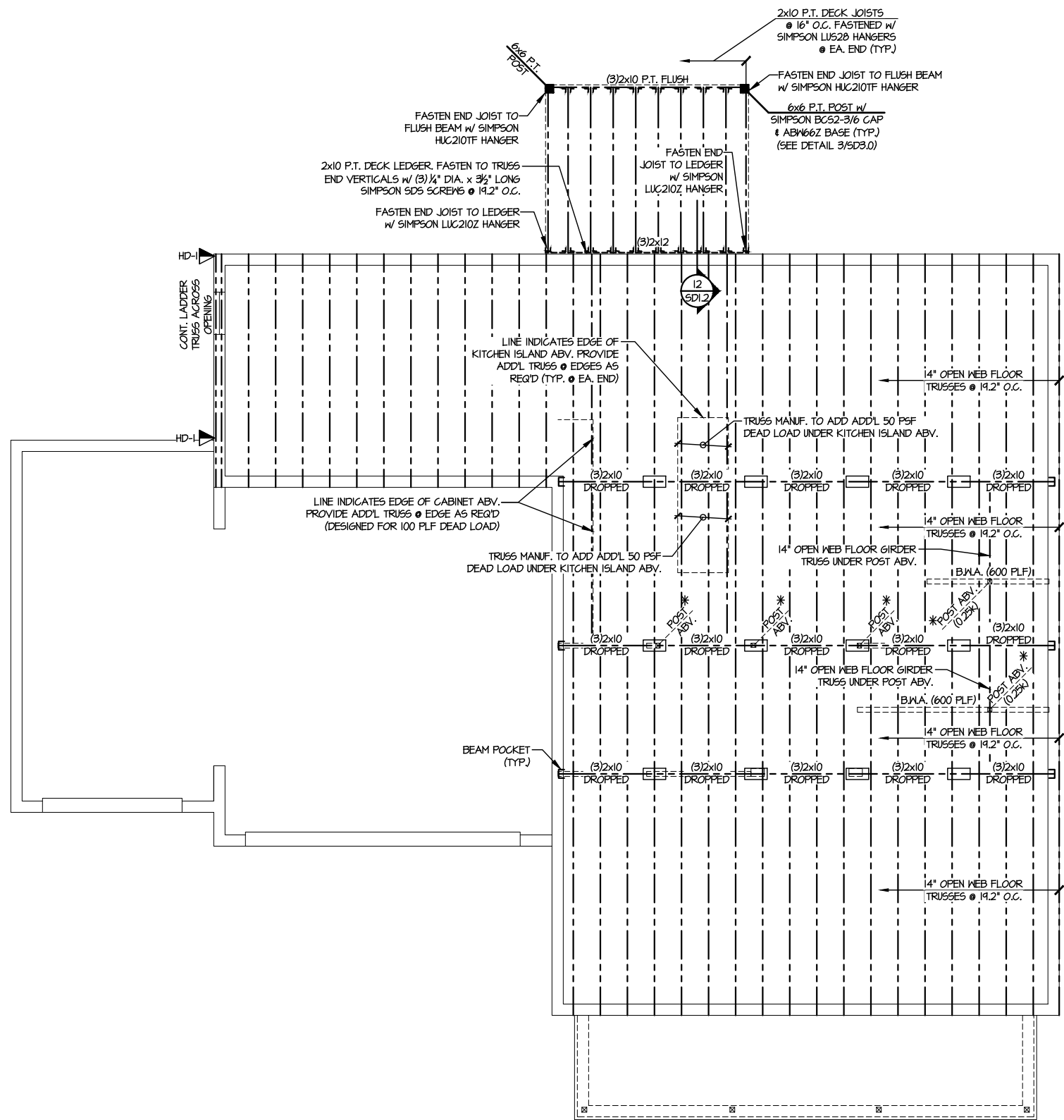
REFER TO 50.0 FOR TYPICAL STRUCTURAL NOTES & SCHEDULES



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NC LICENSE HC-3825

ENGINEERED BEAM MATERIAL SCHEDULE					
BEAM NUMBER	LVL OPTION	PSL OPTION	LSL OPTION	FLITCH OPTION	STEEL OPTION
001	(3)3/4"x11/2" - H	5/8"x11/4" - H	(3)3/4"x11/2" - H	N/A	N/A
002	(2)3/4"x14" - F	3/2"x14" - F	(3)3/4"x14" - F	(2)2x12 + (1) 3/4"x11/2" STEEL FLITCH PLATES - F	W12x14 - F
003	(2)3/4"x4" - H	3/2"x4" - H	(2)3/4"x11/2" - H	(2)2x10 + (1) 3/4"x4" STEEL FLITCH PLATES - H	N/A
004	(2)3/4"x4" - H	3/2"x4" - H	(2)3/4"x11/2" - H	(2)2x10 + (1) 3/4"x4" STEEL FLITCH PLATES - H	N/A
005	(4)3/4"x8" - FT	7"x8" - FT	N/A	(3)2x12 + (2) 1"x11/2" STEEL FLITCH PLATES - F	W12x30 - F
006	(3)3/4"x11/2" - H	5/8"x11/4" - H	(3)3/4"x11/2" - H	N/A	N/A
007	(2)3/4"x14" - H	N/A	N/A	N/A	N/A

• 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 E1/SD2.0 FOR TYPICAL FLITCH BEAM CONNECTIONS
 • REFER TO DETAIL E2/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.



1ST FLOOR FRAMING PLAN
SCALE: 1/8"=1'-0"

SD2.1 REFERS TO SD2.1A FOR LVL/PSL/LSL BEAMS OR SD2.1B FOR FLITCH BEAMS OR SD2.1C FOR STEEL BEAMS

LEGEND	
	INTERIOR BEARING WALL
	BEARING WALL ABOVE
	BEAM / HEADER
	INDICATES SHEAR WALL & EXTENT
	EXTENT OF OVERFRAMING
	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

M&K project number: 126-23061
project mgr: JTR
drawn by: SJF
issue date: 02-12-24

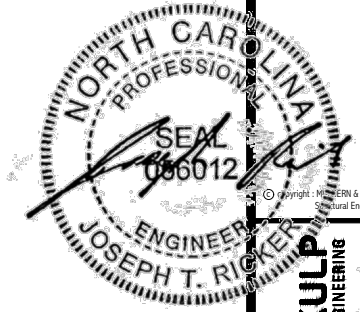
REVISIONS:

date:	initial:

DRB HOMES

FLOOR FRAMING PLANS
BLAKE POND
LOT 92 - NORRIS 4
RALEIGH, NC

sheet: **S2.0**



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M&K project number:
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REVISIONS:
date: initial:

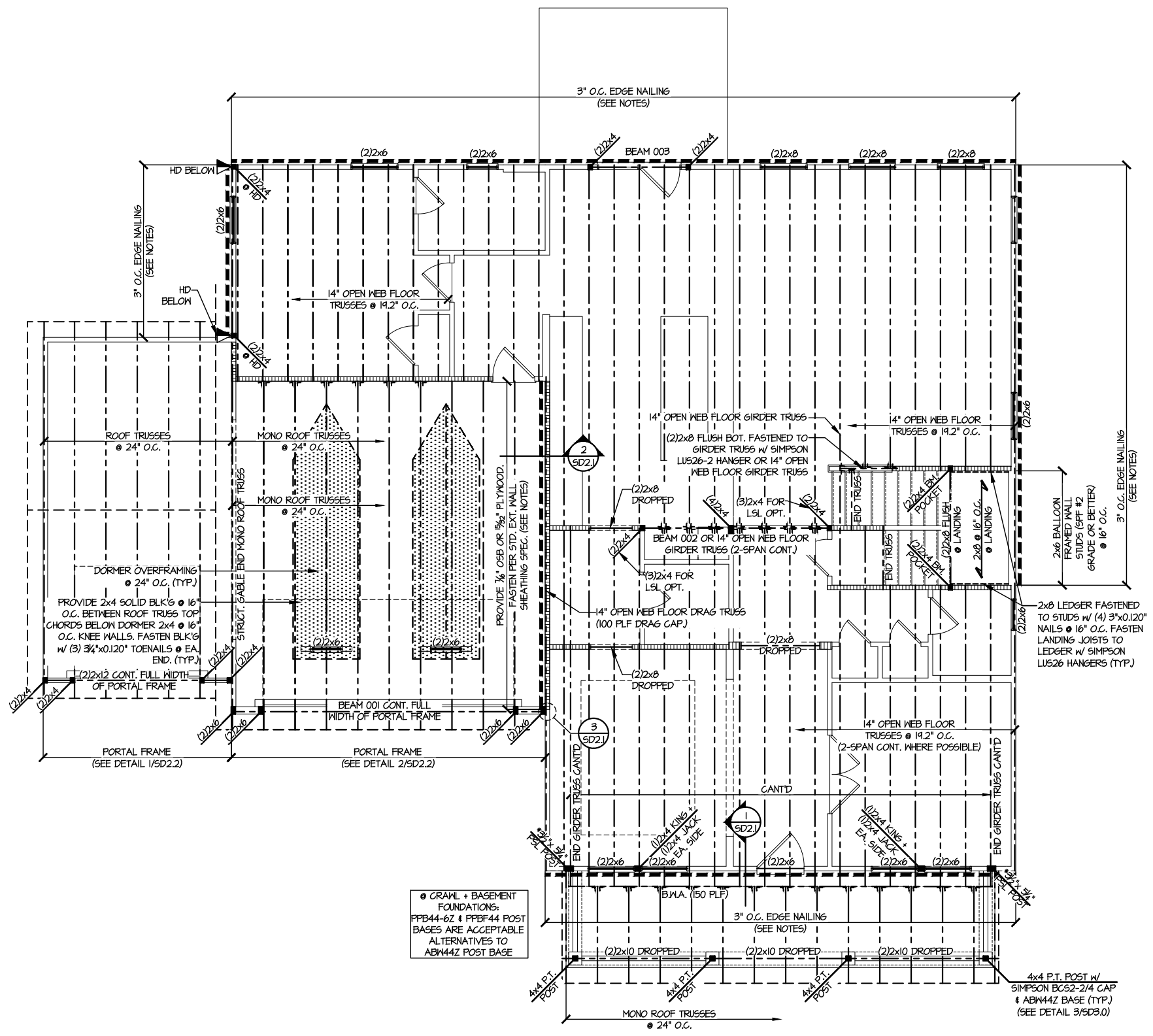
DRB HOMES

FLOOR FRAMING PLANS
BLAKE POND
LOT 92 - NORRIS 4
RALEIGH, NC

sheet: **S3.0**

ENGINEERED BEAM MATERIAL SCHEDULE					
BEAM NUMBER	LVL OPTION	PSL OPTION	LSL OPTION	FLITCH OPTION	STEEL OPTION
001	(3)3/4"x1 1/4" - H	5/4"x1 1/4" - H	(3)3/4"x1 1/2" - H	N/A	N/A
002	(2)3/4"x14" - F	3/2"x14" - F	(3)3/4"x14" - F	(2)2x12 + (1) 3/4"x1 1/4" STEEL FLITCH PLATES - F	W2x14 - F
003	(2)3/4"x9" - H	3/2"x9" - H	(2)3/4"x14" - H	(2)2x10 + (1) 3/4"x1 1/4" STEEL FLITCH PLATES - H	N/A
004	(2)3/4"x9" - H	3/2"x9" - H	(2)3/4"x14" - H	(2)2x10 + (1) 3/4"x1 1/4" STEEL FLITCH PLATES - H	N/A
005	(4)3/4"x10" - FT	7"x10" - FT	N/A	(3)2x12 + (2) 1"x1 1/4" STEEL FLITCH PLATES - F	W2x30 - F
006	(3)3/4"x14" - H	5/4"x14" - H	(3)3/4"x1 1/2" - H	N/A	N/A
007	(2)3/4"x14" - H	N/A	N/A	N/A	N/A

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 E1/SD2.0 FOR TYPICAL FLITCH BEAM CONNECTIONS
 • REFER TO DETAIL E2/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.



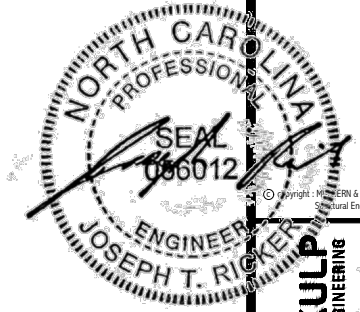
• CRAWL + BASEMENT FOUNDATIONS: PFB44-6Z & PFB44 POST BASES ARE ACCEPTABLE ALTERNATIVES TO ABW44Z POST BASE

SD2.1 REFERS TO SD2.1A FOR LVL/PSL/LSL BEAMS OR SD2.1B FOR FLITCH BEAMS OR SD2.1C FOR STEEL BEAMS

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.0 FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

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



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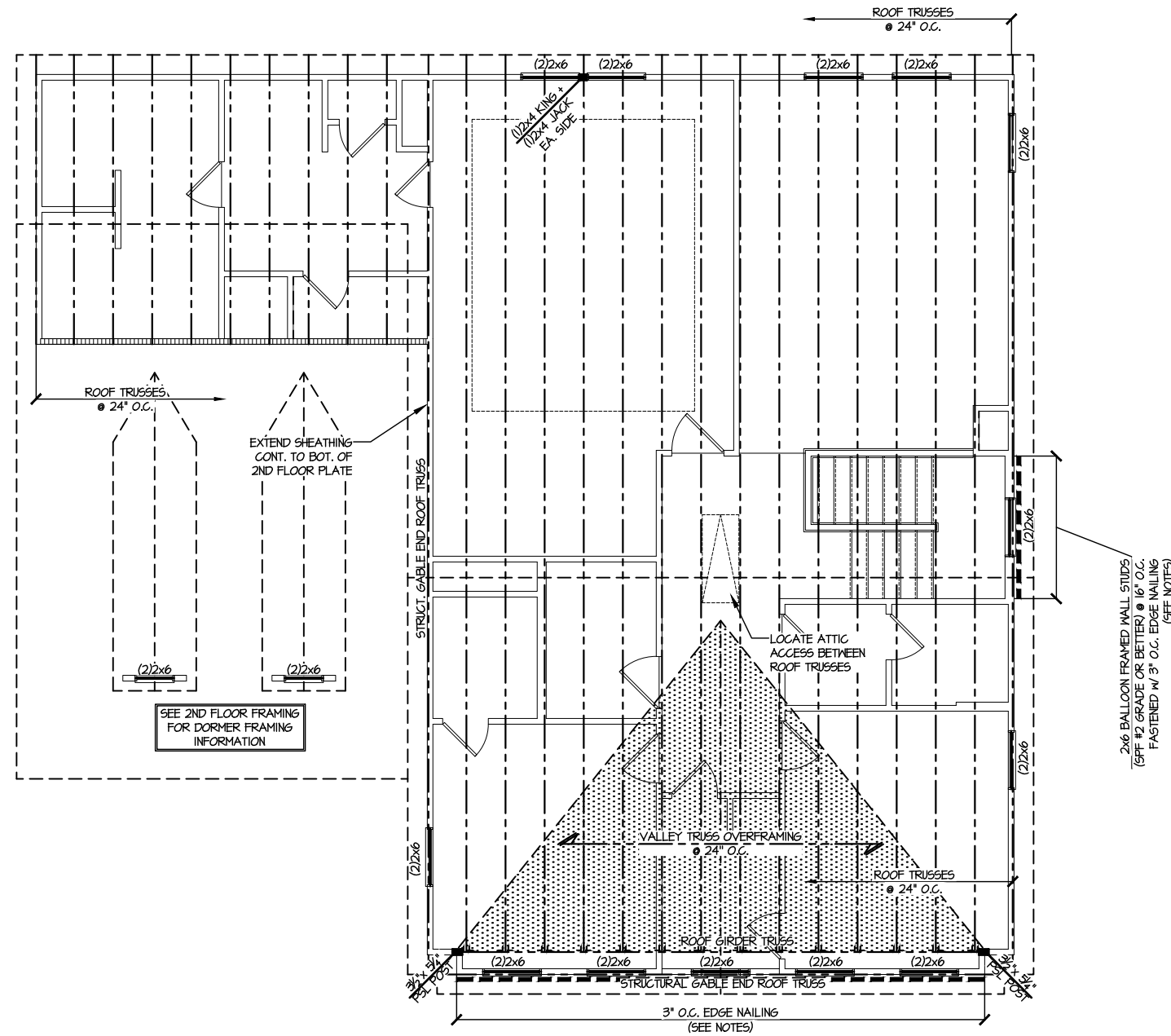
M&K project number:
126-23061
project mgr: JTR
drawn by: SJF
issue date: 02-12-24

REVISIONS:
date: initial:

DRB
HOMES

ROOF FRAMING PLANS
BLAKE POND
LOT 92 - NORRIS 4
RALEIGH, NC

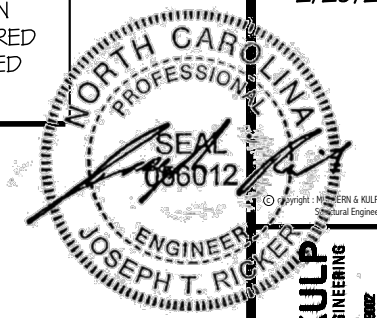
sheet:
S4.0



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
	HL 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



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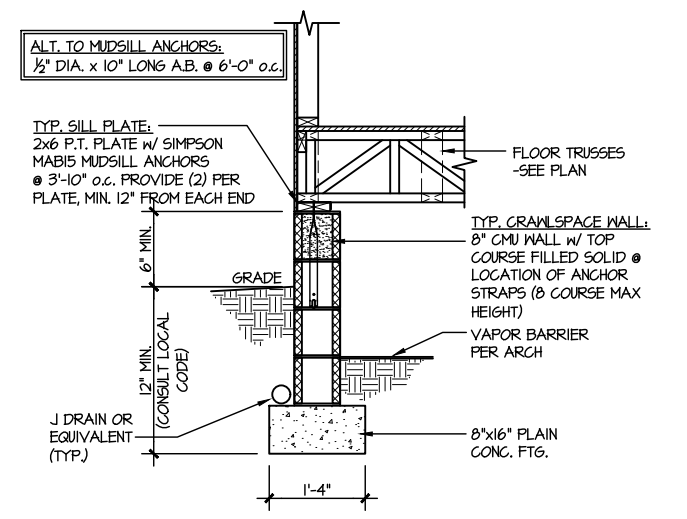
DRB HOMES

FOUNDATION DETAILS
BLAKE POND
LOT 92 - NORRIS 4
RALEIGH, NC

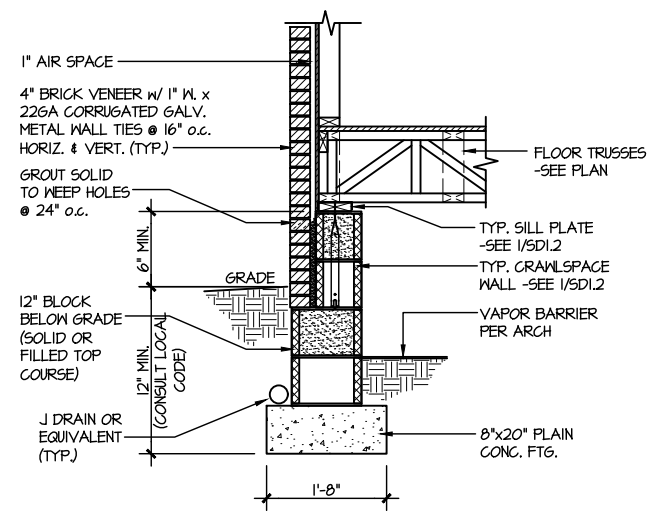
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LETTERED DETAILS ARE TYPICAL FOR THIS HOME & SHALL BE IMPLEMENTED IN ALL APPLICABLE AREAS. THESE DETAILS ARE NOT "CUT" ON THE PLANS.

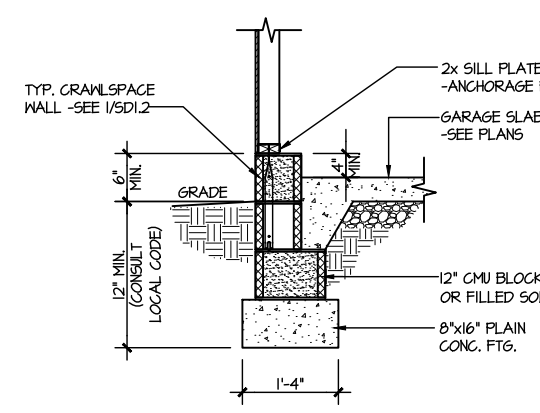
NUMBERED DETAILS ARE PLAN SPECIFIC AND ARE ONLY REQUIRED WHERE SPECIFICALLY INDICATED ("CUT") ON THE PLANS.



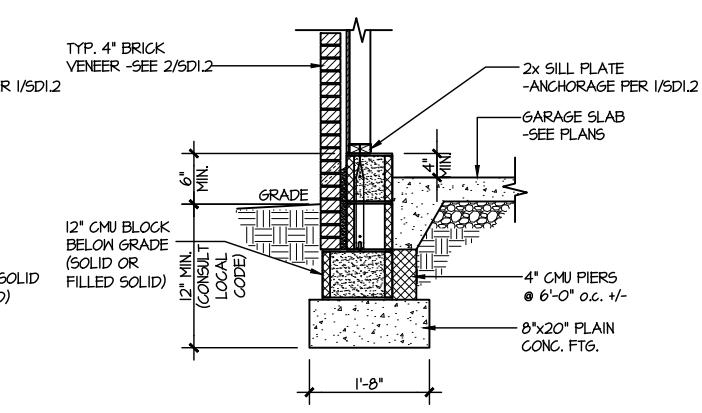
1 TYPICAL CRAWLSPACE FOUNDATION
SCALE: 3/8"=1'-0"



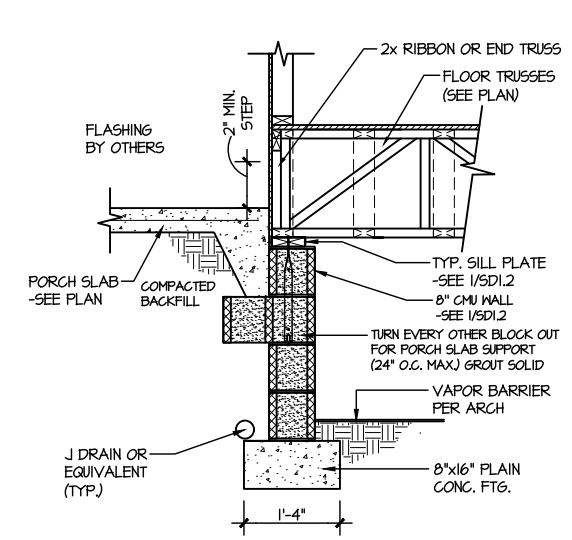
2 TYPICAL CRAWLSPACE FOUNDATION
SCALE: 3/8"=1'-0" W/ BRICK VENEER



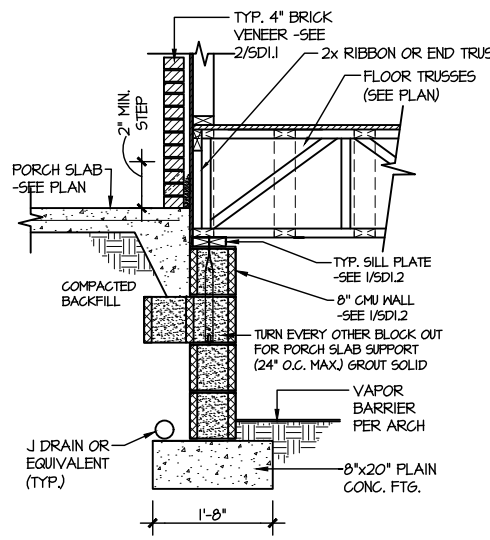
3 TYPICAL GARAGE FOUNDATION
SCALE: 3/8"=1'-0"



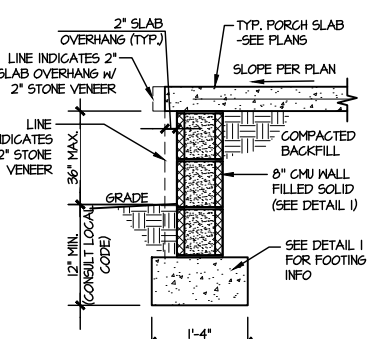
4 TYPICAL GARAGE FOUNDATION
SCALE: 3/8"=1'-0" W/ BRICK VENEER



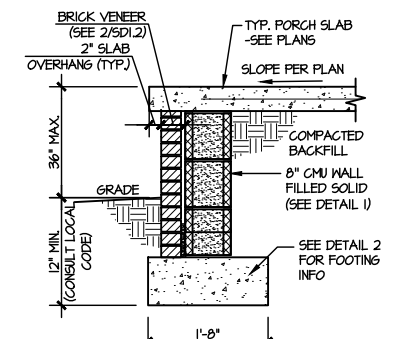
5 TYPICAL CRAWLSPACE FOUNDATION @ PORCH/PATIO SLAB
SCALE: 3/8"=1'-0"
(REFER TO DETAIL 12 FOR WOOD PORCH OPTION)



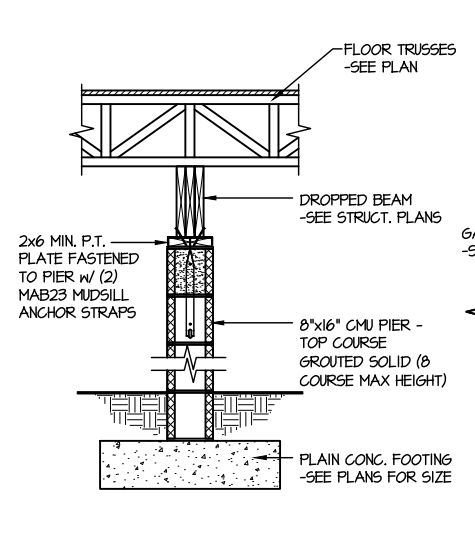
6 TYPICAL CRAWLSPACE FOUNDATION @ PORCH/PATIO SLAB
SCALE: 3/8"=1'-0" W/ BRICK VENEER



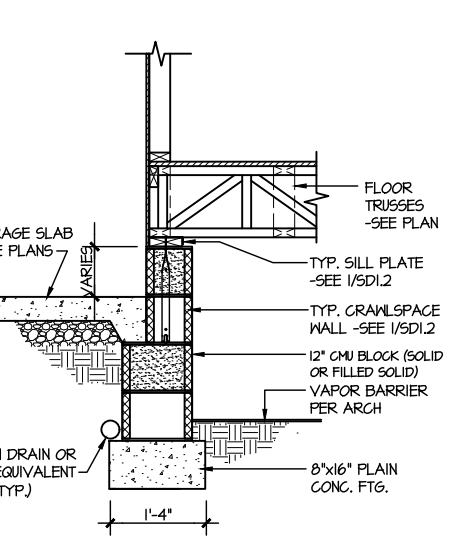
7A TYP. FOOTING @ PORCH SLAB
SCALE: 3/8"=1'-0"



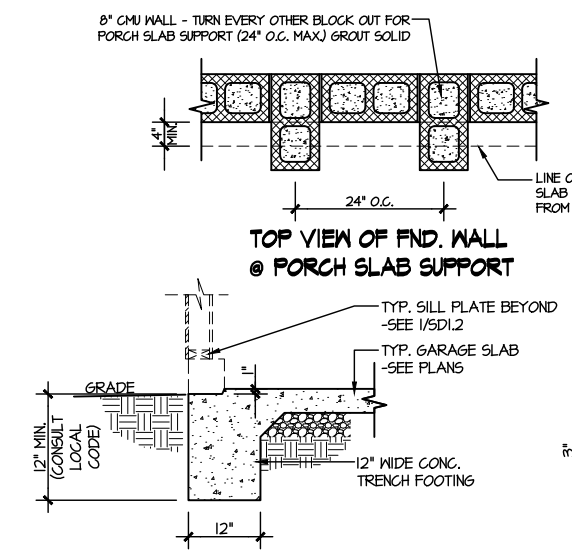
7B TYP. FOOTING @ PORCH SLAB
SCALE: 3/8"=1'-0" W/ BRICK VENEER



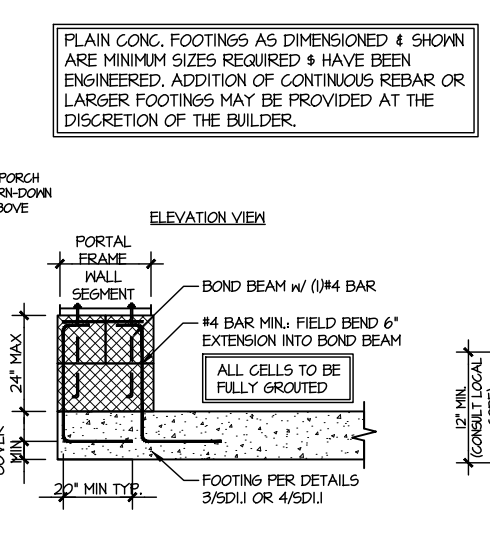
8 TYPICAL CRAWLSPACE FND. @ INTERIOR PIER
SCALE: 3/8"=1'-0"



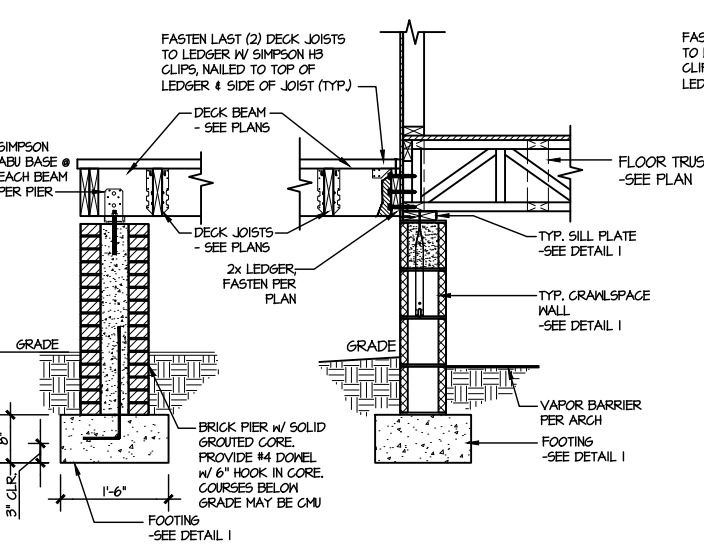
9 TYPICAL CRAWLSPACE FOUNDATION @ GARAGE
SCALE: 3/8"=1'-0"



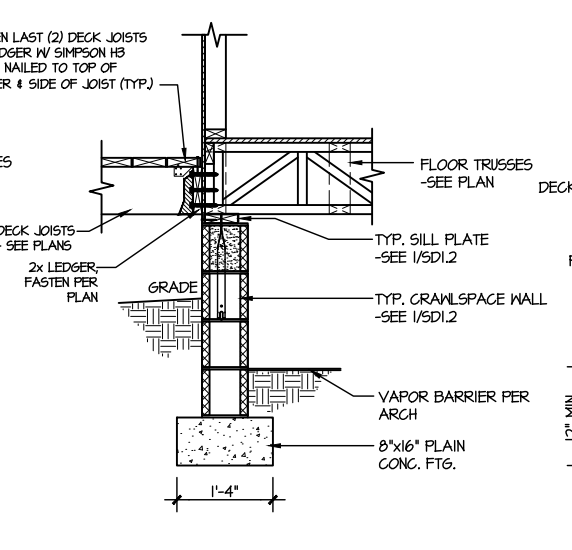
10 TYPICAL SLAB ON GRADE GARAGE ENTRY @ PERIMETER FOOTING
SCALE: 3/8"=1'-0"



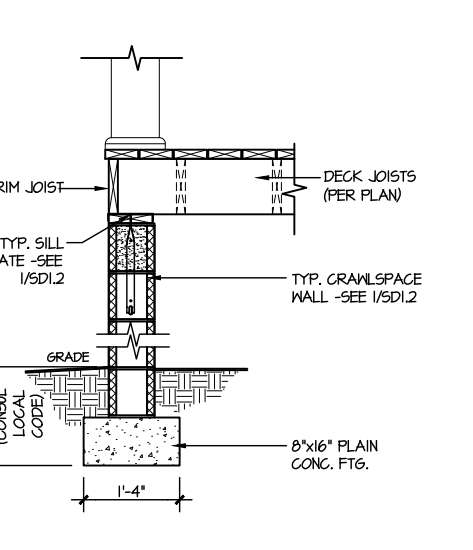
A GARAGE PORTAL FRAME STEM WALL REINFORCEMENT
SCALE: 3/8"=1'-0"



11 TYPICAL CRAWLSPACE FOUNDATION @ WOOD PORCH/DECK W/ PIERS
SCALE: 3/8"=1'-0"

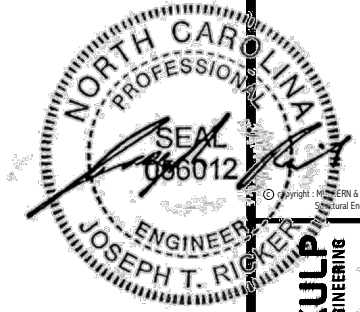


12 TYPICAL CRAWLSPACE FOUNDATION @ WOOD PORCH/DECK
SCALE: 3/8"=1'-0"

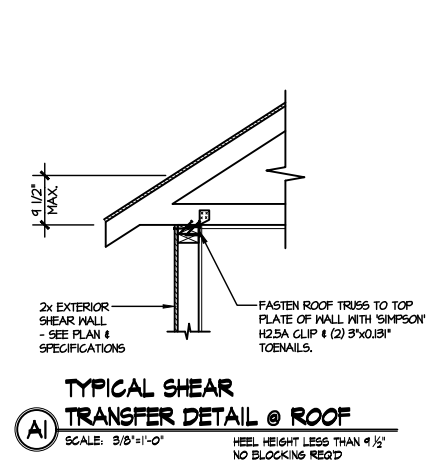


13 TYPICAL CRAWLSPACE FOUNDATION @ WOOD PORCH/DECK PERIMETER
SCALE: 3/8"=1'-0"

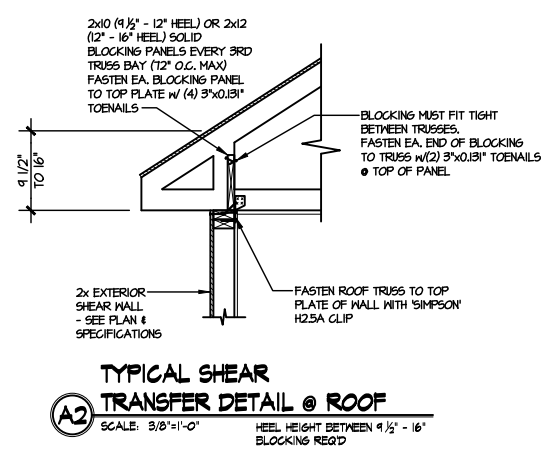
PLAIN CONC. FOOTINGS AS DIMENSIONED & SHOWN ARE MINIMUM SIZES REQUIRED & HAVE BEEN ENGINEERED. ADDITION OF CONTINUOUS REBAR OR LARGER FOOTINGS MAY BE PROVIDED AT THE DISCRETION OF THE BUILDER.



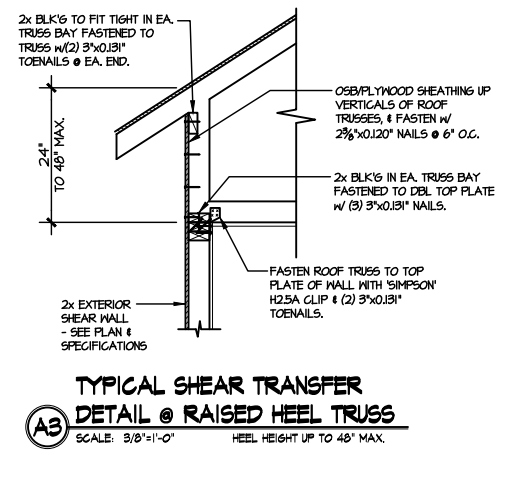
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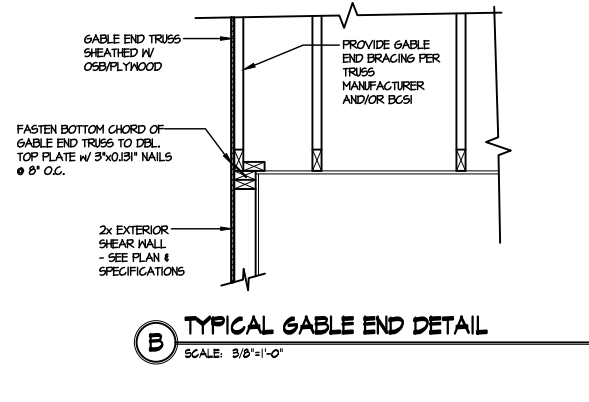
A1 TYPICAL SHEAR TRANSFER DETAIL @ ROOF
SCALE: 3/8\"/>



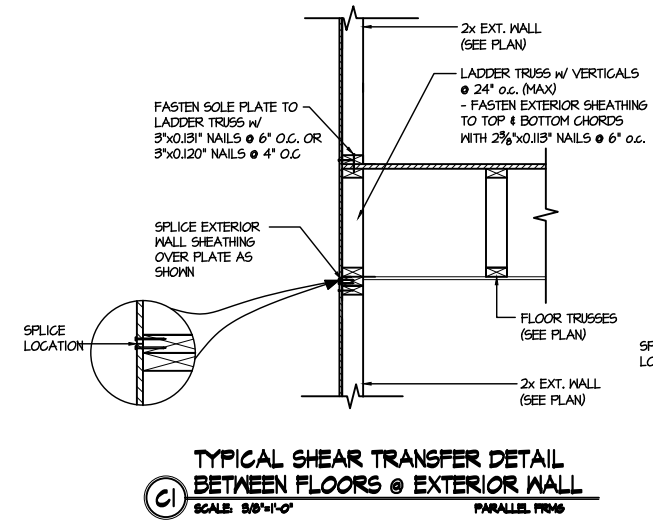
A2 TYPICAL SHEAR TRANSFER DETAIL @ ROOF
SCALE: 3/8\"/>



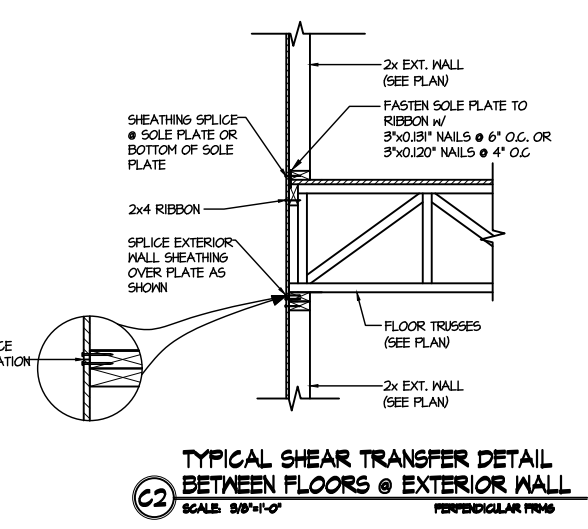
A3 TYPICAL SHEAR TRANSFER DETAIL @ RAISED HEEL TRUSS
SCALE: 3/8\"/>



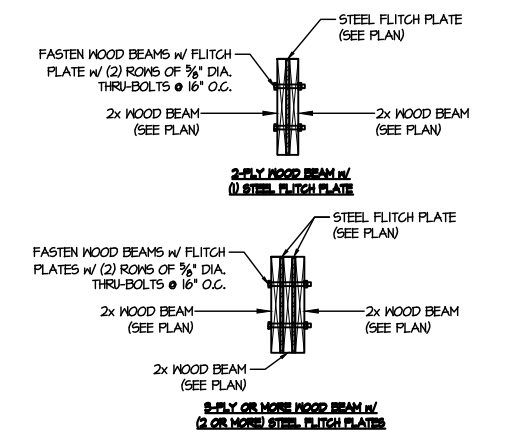
B TYPICAL GABLE END DETAIL
SCALE: 3/8\"/>



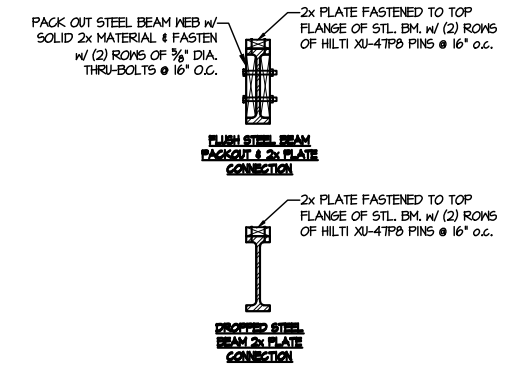
C1 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL
SCALE: 3/8\"/>



C2 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL
SCALE: 3/8\"/>



D TYPICAL FLITCH BEAM CONNECTION DETAIL
SCALE: 3/4\"/>



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

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DRB HOMES

FRAMING DETAILS
BLAKE POND
LOT 92 - NORRIS 4
RALEIGH, NC

sheet: **SD2.0**



M&K project number: 126-23061
project mgr: JTR
drawn by: SJF
issue date: 02-18-24

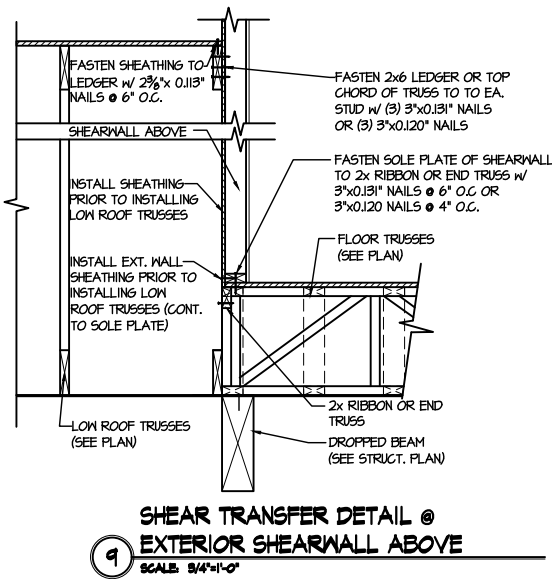
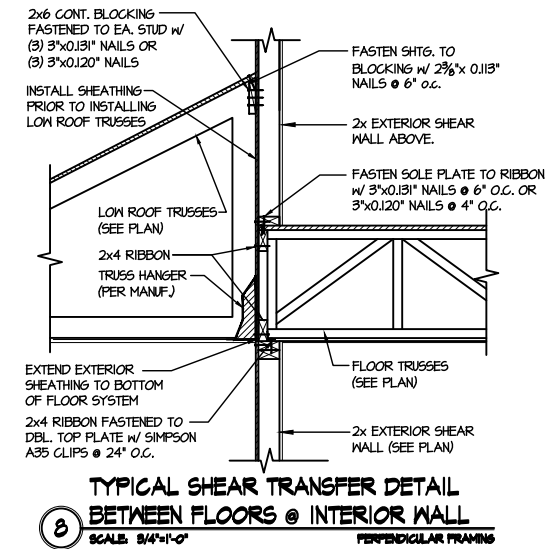
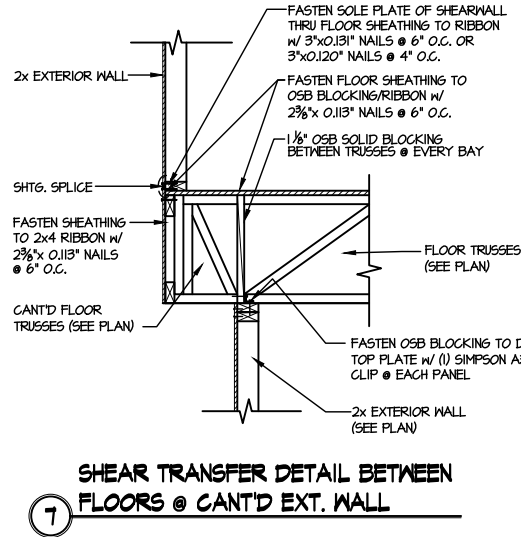
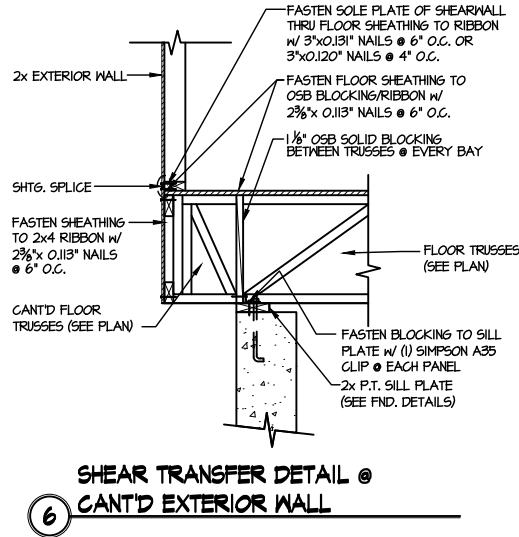
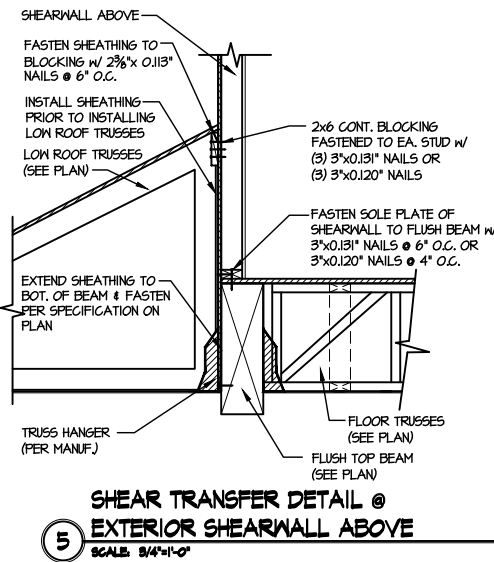
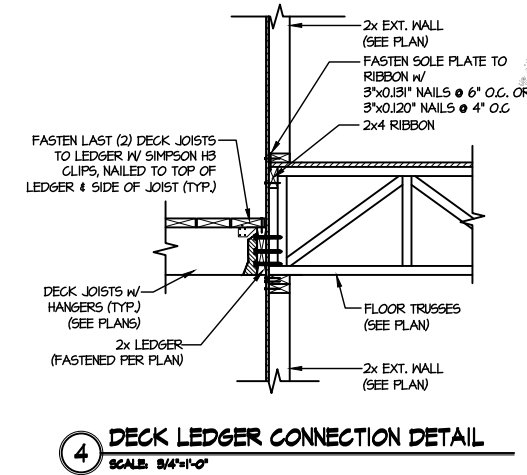
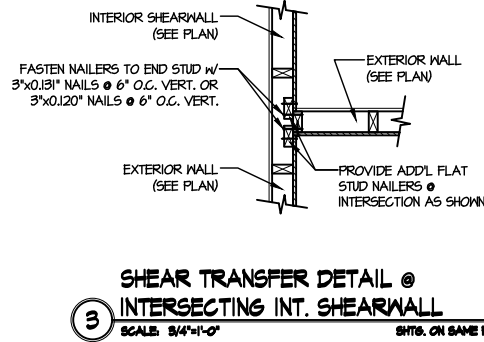
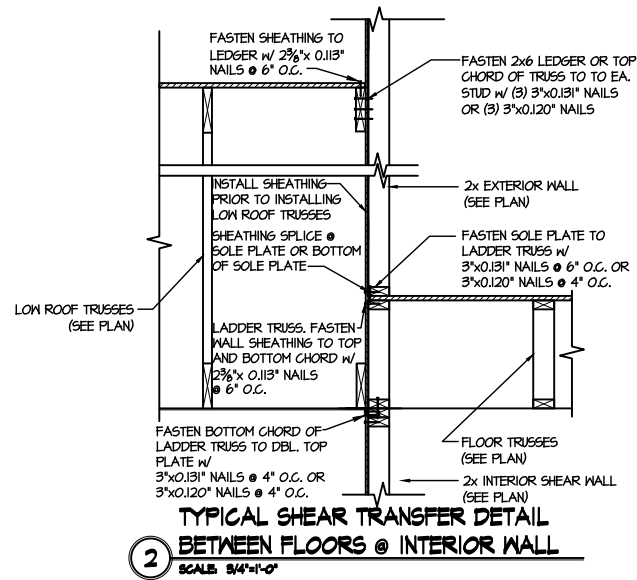
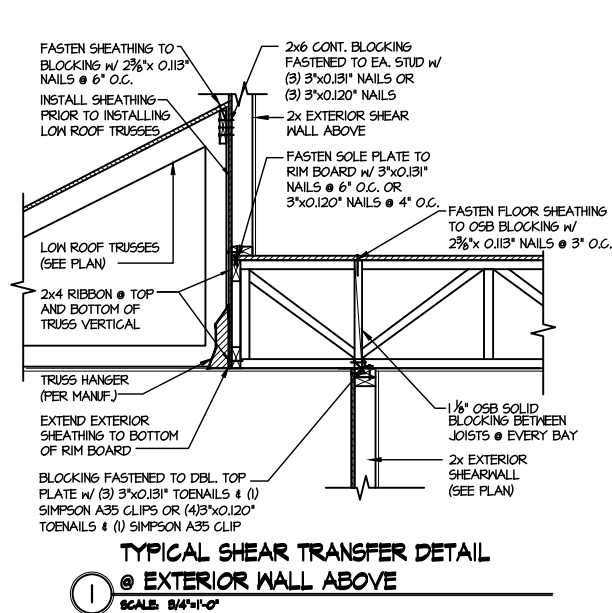
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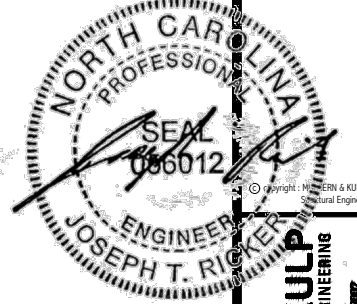
FRAMING DETAILS
BLAKE POND
LOT 92 - NORRIS 4
RALEIGH, NC

sheet:

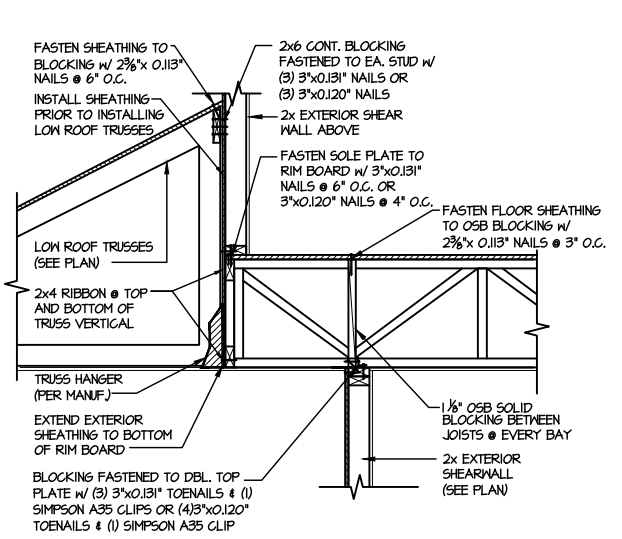
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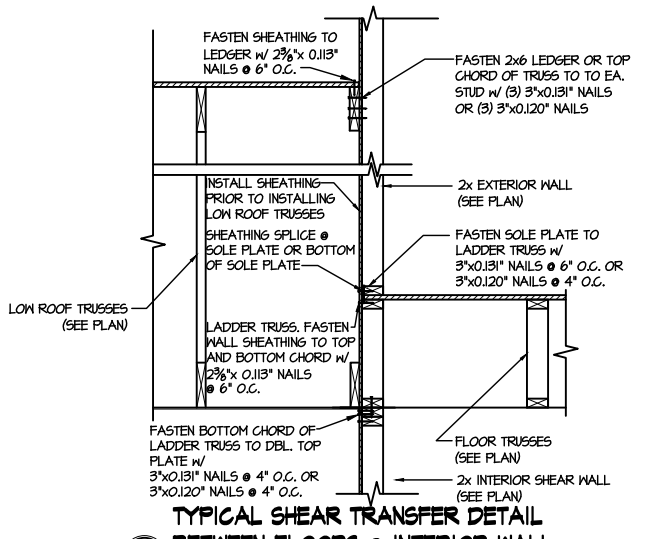
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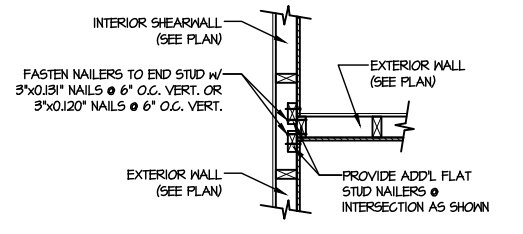
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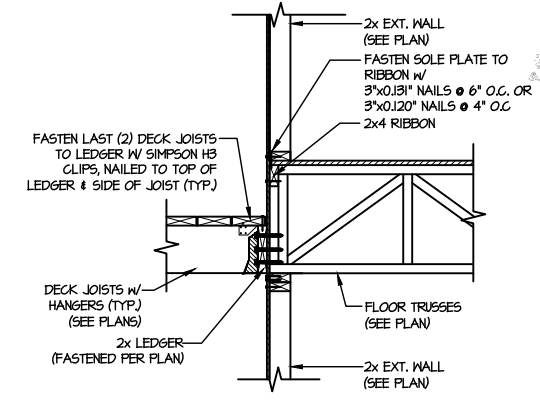
1 TYPICAL SHEAR TRANSFER DETAIL @ EXTERIOR WALL ABOVE
SCALE: 3/4"=1'-0"



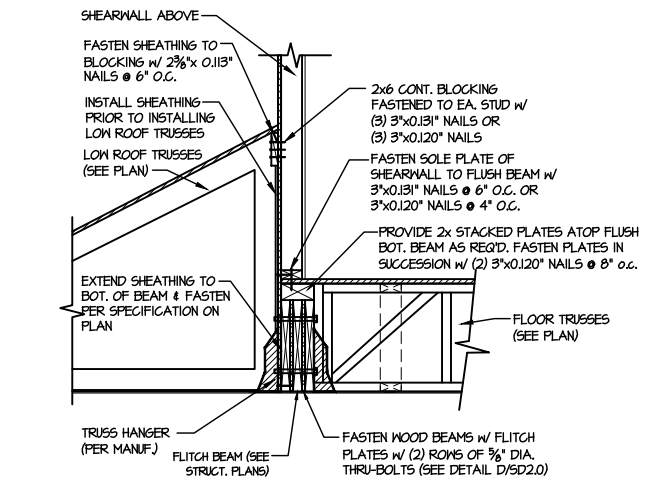
2 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



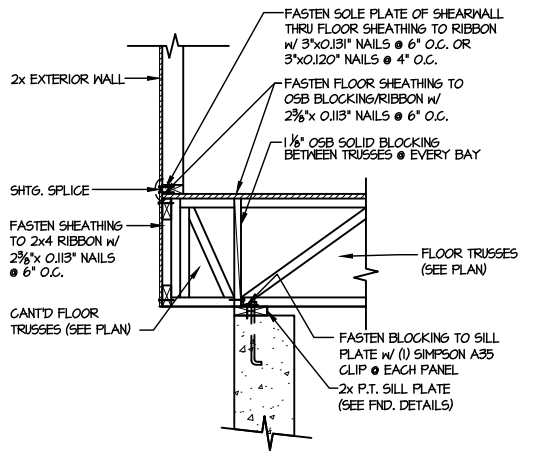
3 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL
SCALE: 3/4"=1'-0" SHTS. ON SAME PAGE



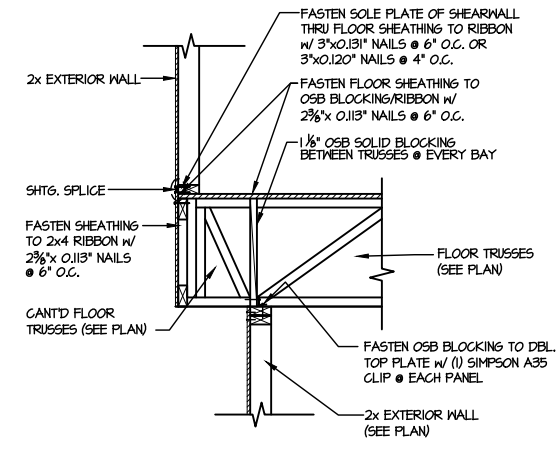
4 DECK LEDGER CONNECTION DETAIL
SCALE: 3/4"=1'-0"



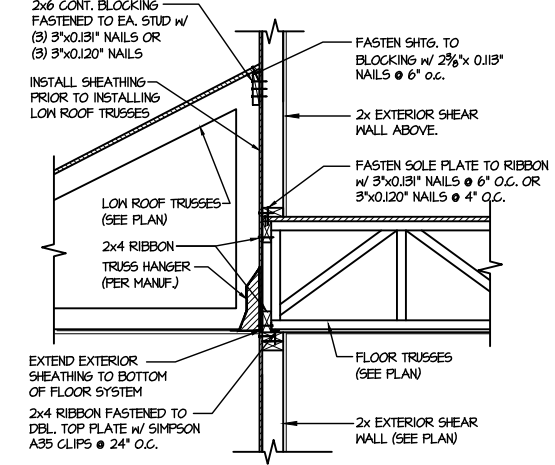
5 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



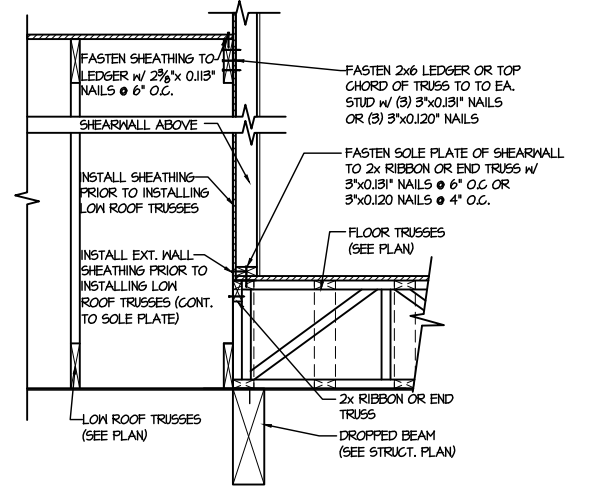
6 SHEAR TRANSFER DETAIL @ CANT'D EXTERIOR WALL



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



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



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

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M&K project number: 126-23061
project mgr: JTR
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issue date: 02-12-24
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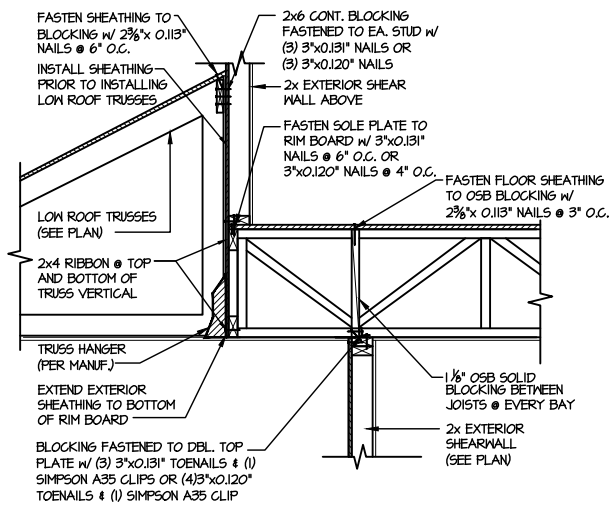
DRB HOMES

FRAMING DETAILS
BLAKE POND
LOT 92 - NORRIS 4
RALEIGH, NC

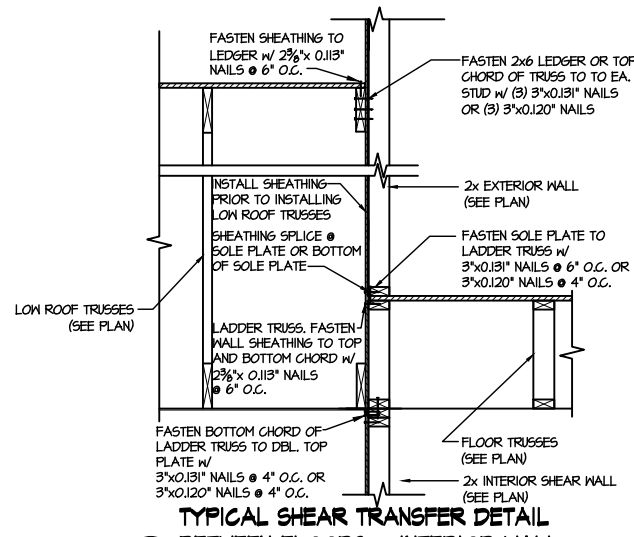
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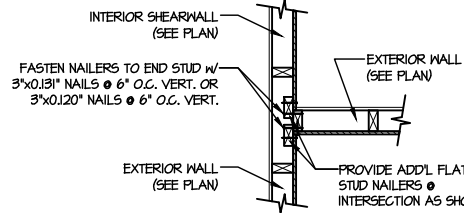
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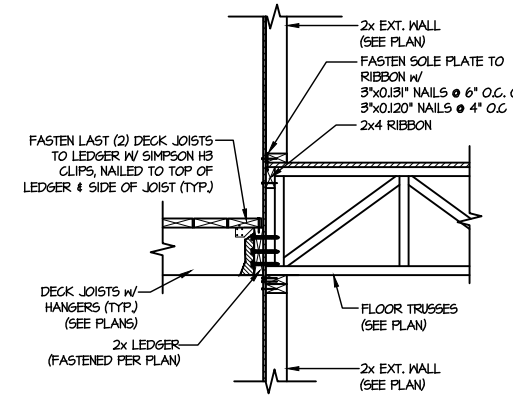
1 TYPICAL SHEAR TRANSFER DETAIL @ EXTERIOR WALL ABOVE
SCALE: 3/4"=1'-0"



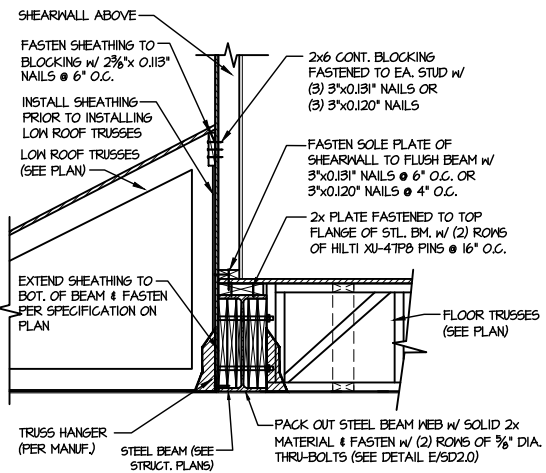
2 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



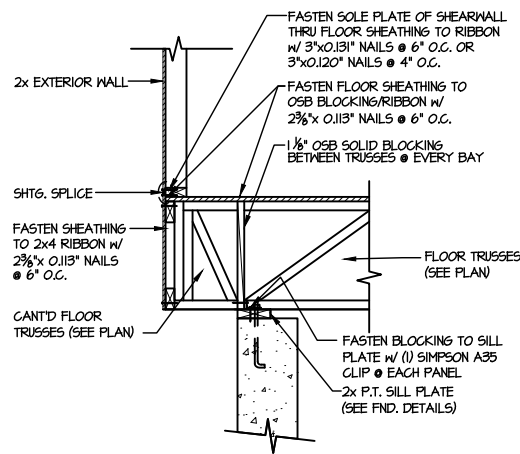
3 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL
SCALE: 3/4"=1'-0" SHG. ON SAME PAGE



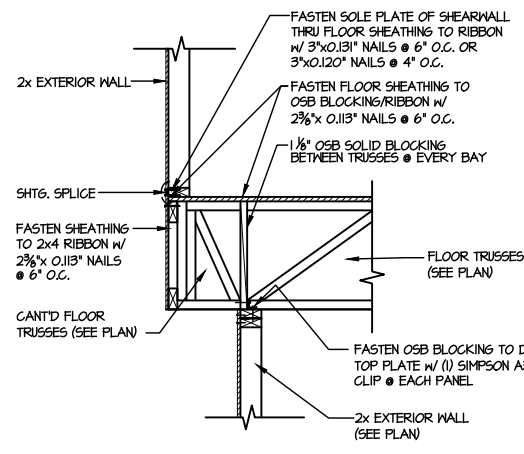
4 DECK LEDGER CONNECTION DETAIL
SCALE: 3/4"=1'-0"



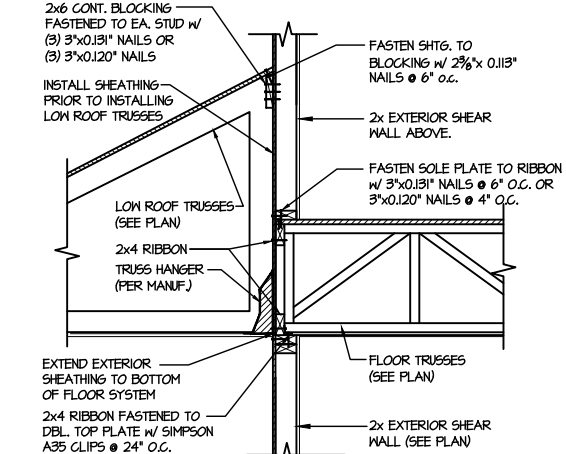
5 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



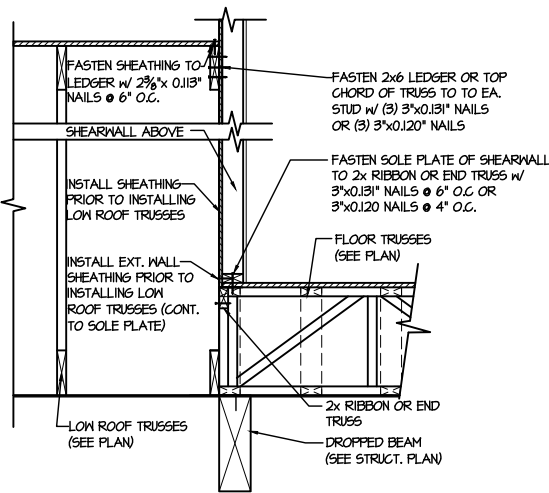
6 SHEAR TRANSFER DETAIL @ CANT'D EXTERIOR WALL



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



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



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

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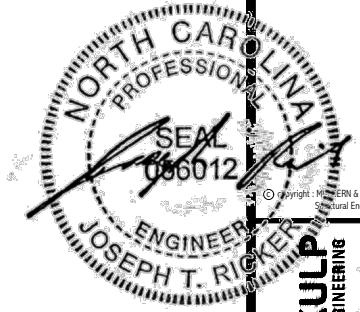
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FRAMING DETAILS
BLAKE POND
LOT 92 - NORRIS 4
RALEIGH, NC

sheet: SD2.1C

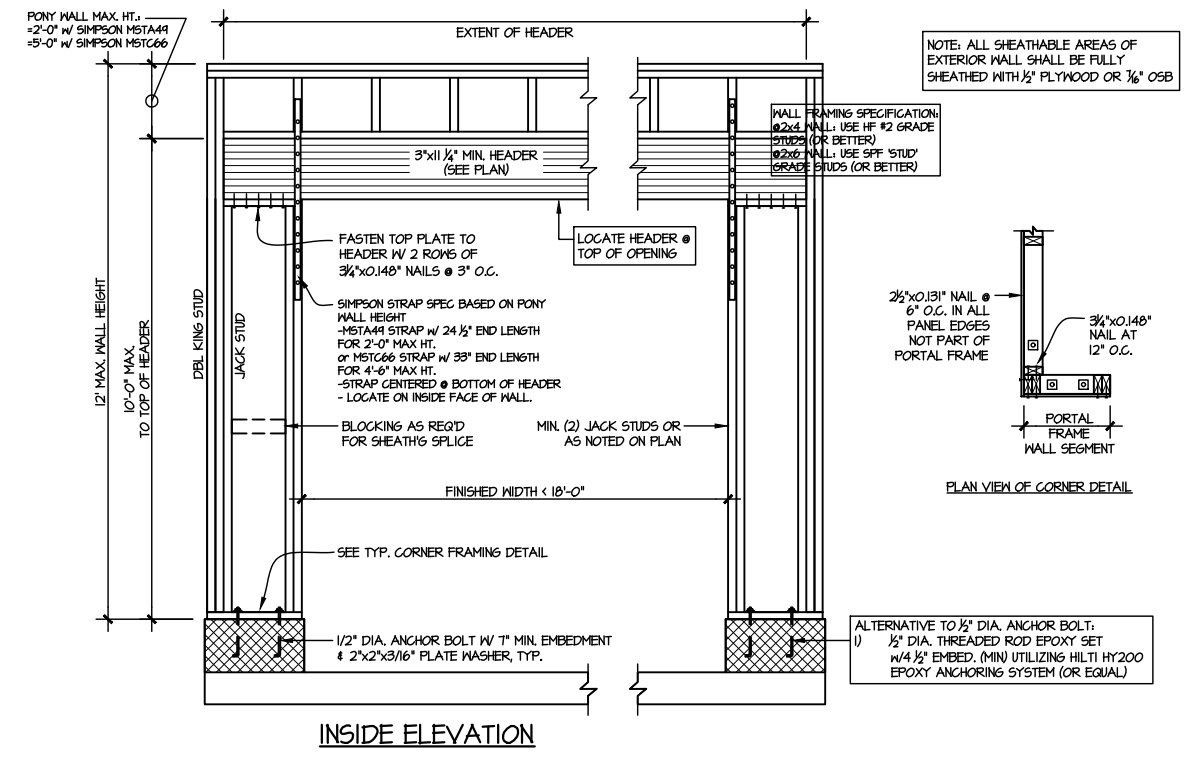
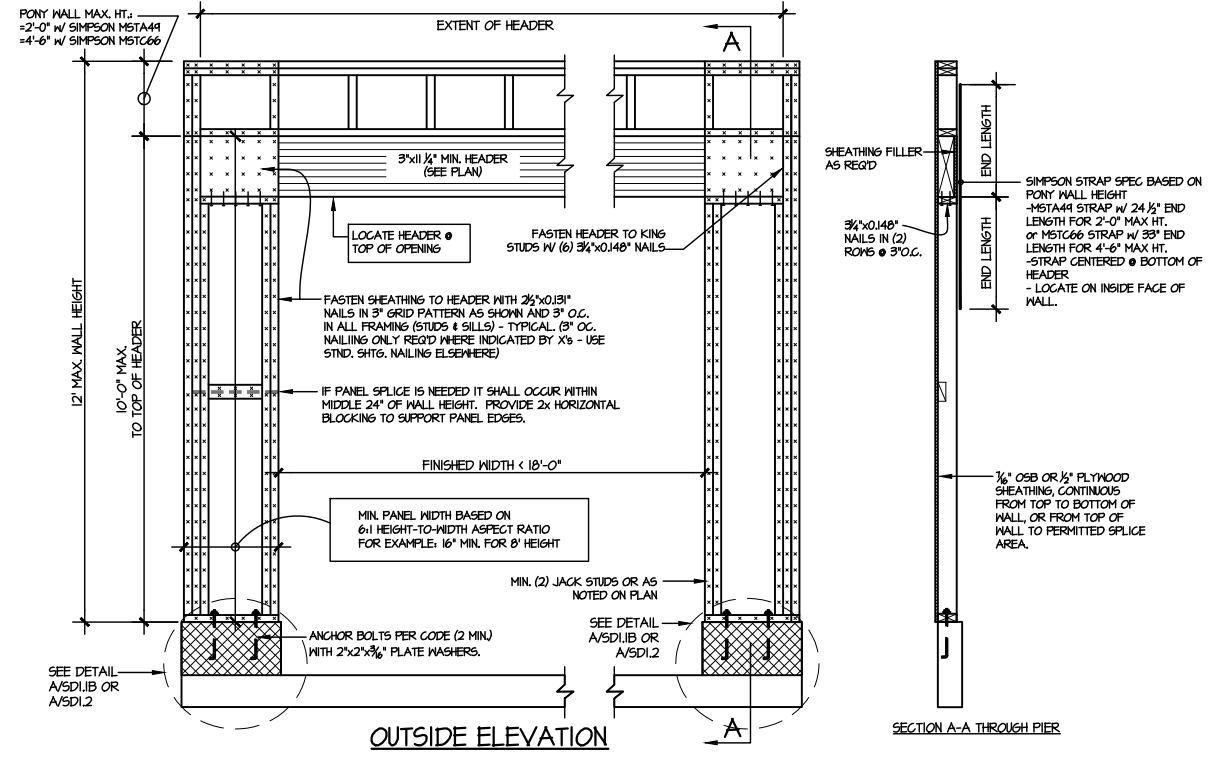


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RESIDENTIAL STRUCTURAL ENGINEERING
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P 715-948-8001 - mulhern+kulp.com
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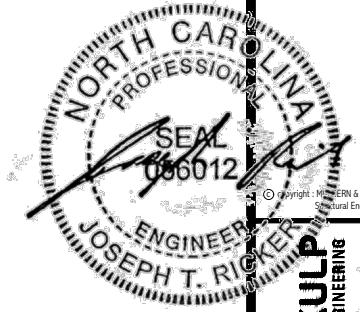
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126-23061
project mgr: JTR
drawn by: SJF
issue date: 02-12-24
REVISIONS:
date: initial:



FRAMING DETAILS
BLAKE POND
LOT 92 - NORRIS 4
RALEIGH, NC



② TWO SIDED GARAGE PORTAL FRAME BRACING ELEVATION ON CMU STEM
SCALE: N.T.S. SCALE: N.T.S.



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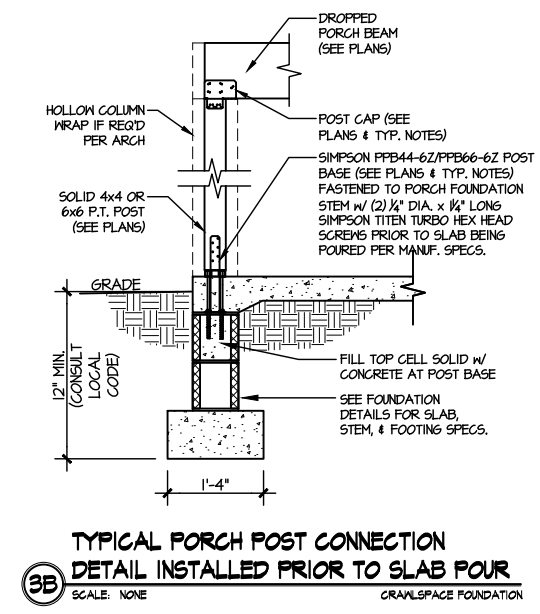
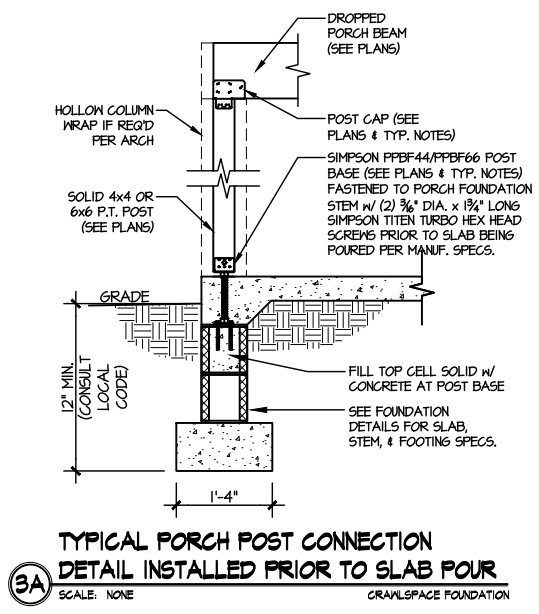
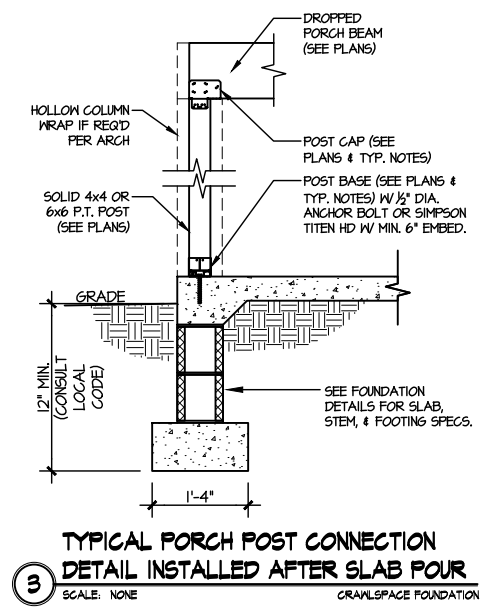
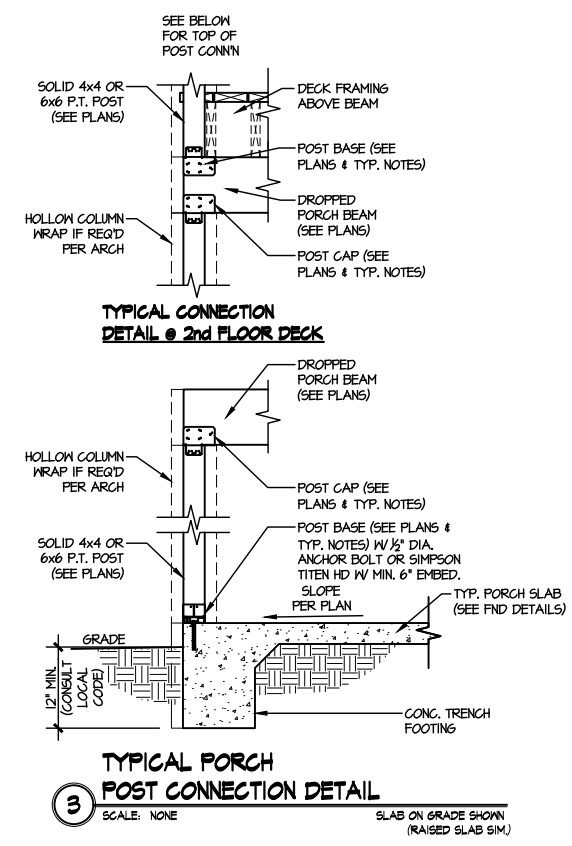
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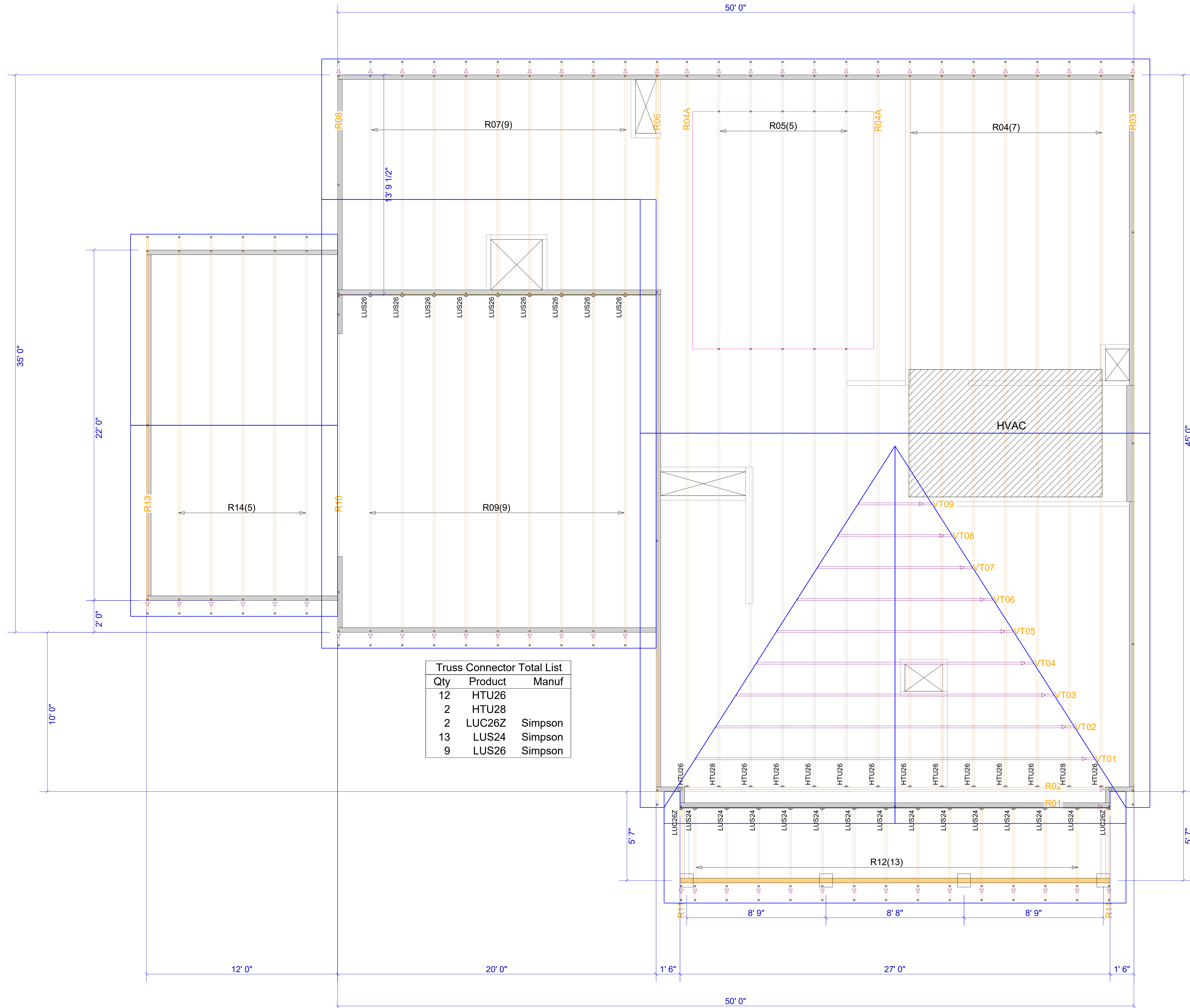
REVISIONS:
date: initial:

DRB
HOMES

FRAMING DETAILS
BLAKE POND
LOT 92 - NORRIS 4
RALEIGH, NC

sheet:
SD3.0





WARNING! Long span trusses, 60' or greater in length, require extreme care and experience for proper and safe handling and installation. For general handling and installation guidance, see the "Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), JOINTLY PRODUCED BY SBCA and TPI. For project specific guidance, consult with a registered design professional. ATLANTIC assumes no responsibility for the handling, installation or bracing of trusses.

▲ = LEFT END OF TRUSS

NOT FOR CONSTRUCTION

Client: DRB GROUP-RALEIGH
 Job: LOT 0.0092 BLAKE POND
 Plan Information:
NORRIS-4

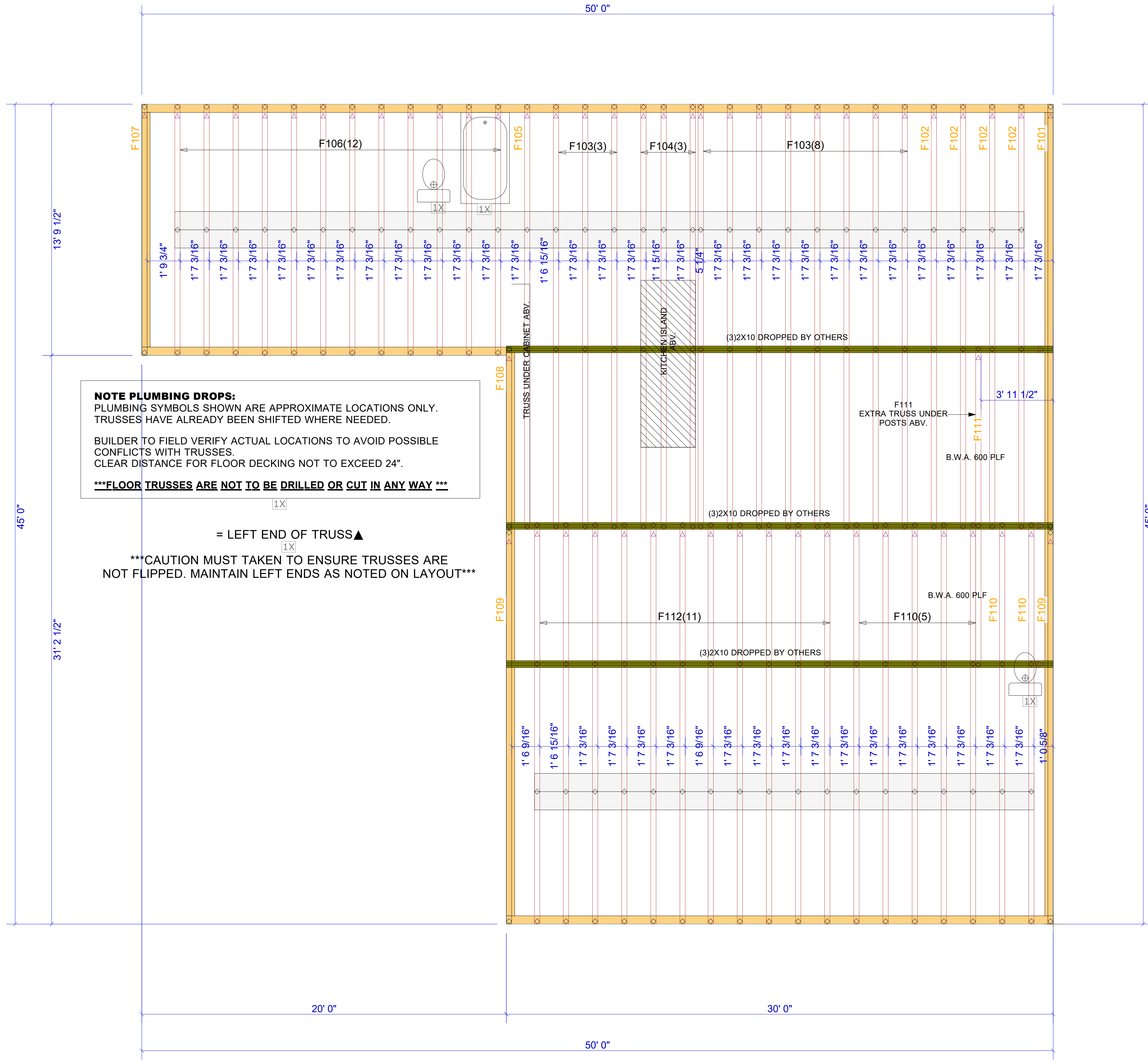
NOT TO SCALE
 Drawn By: BPT
 Date: 02/08/24
 Job #: 24-1221-R01
 Sales Rep: KYLE GIBSON
 Phone: 864-304-3282

ROOF

REVISIONS:



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



NOTE PLUMBING DROPS:
 PLUMBING SYMBOLS SHOWN ARE APPROXIMATE LOCATIONS ONLY. TRUSSES HAVE ALREADY BEEN SHIFTED WHERE NEEDED.
 BUILDER TO FIELD VERIFY ACTUAL LOCATIONS TO AVOID POSSIBLE CONFLICTS WITH TRUSSES.
 CLEAR DISTANCE FOR FLOOR DECKING NOT TO EXCEED 24".
*****FLOOR TRUSSES ARE NOT TO BE DRILLED OR CUT IN ANY WAY *****

▲ = LEFT END OF TRUSS
*****CAUTION MUST TAKEN TO ENSURE TRUSSES ARE NOT FLIPPED. MAINTAIN LEFT ENDS AS NOTED ON LAYOUT*****

FOR PERMIT

Client: DRB GROUP-RALEIGH
 Job: LOT 0.0092 BLAKE POND
 Plan Information: NORRIS-4

NOT TO SCALE
 Drawn By: BPT
 Date: 02/08/24
 Job #: 24-1221-F01
 Sales Rep: KYLE GIBSON
 Phone: 864-304-3282

▲ = LEFT END OF TRUSS

REVISIONS:



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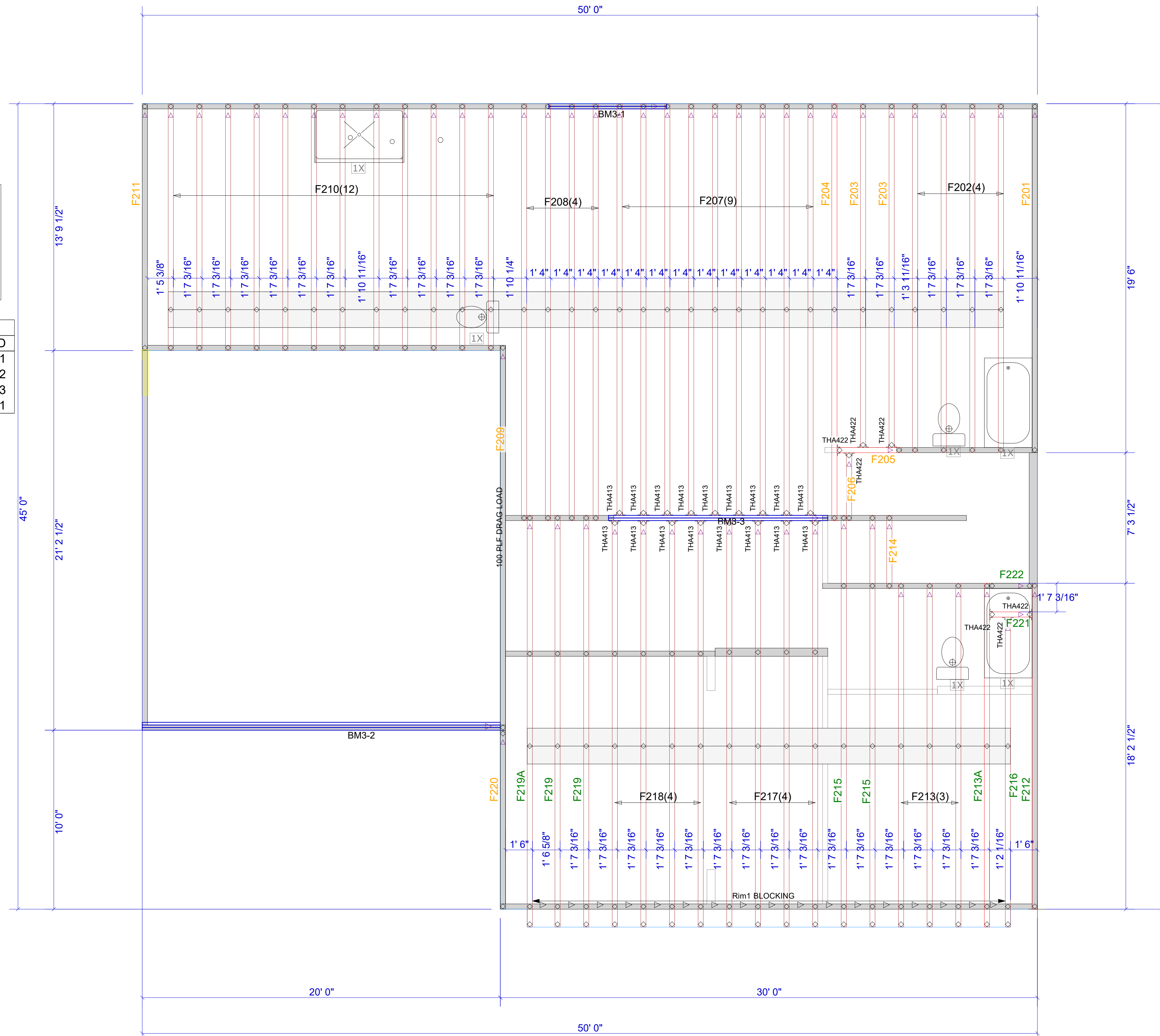
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Products					
Net Qty	Plies		Product	Length	PlotID
2	2	1-3/4" x 9-1/2"	VERSA-LAM@ 2.0 3100 SP	8' 0"	BM3-1
3	3	1-3/4" x 11-7/8"	VERSA-LAM@ 2.0 3100 SP	20' 0"	BM3-2
2	2	1-3/4" x 14"	VERSA-LAM@ 2.0 3100 SP	14' 0"	BM3-3
2	1	1-1/8" x 14"	BC RIM BOARD OSB	12' 0"	Rim1

Truss Connector Total List		
Qty	Product	Manuf
17	THA413	Simpson
7	THA422	



▲ = LEFT END OF TRUSS

FOR PERMIT

Client: DRB GROUP-RALEIGH	
Job: LOT 0.0092 BLAKE POND	
Plan Information: NORRIS-4	
NOT TO SCALE	Date: 02/08/24
Drawn By: BPT	Job #: Sales Rep: KYLE GIBSON
	24-1221-F02 Phone: 864-304-3282

REVISIONS:



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