
DEVON-RALE

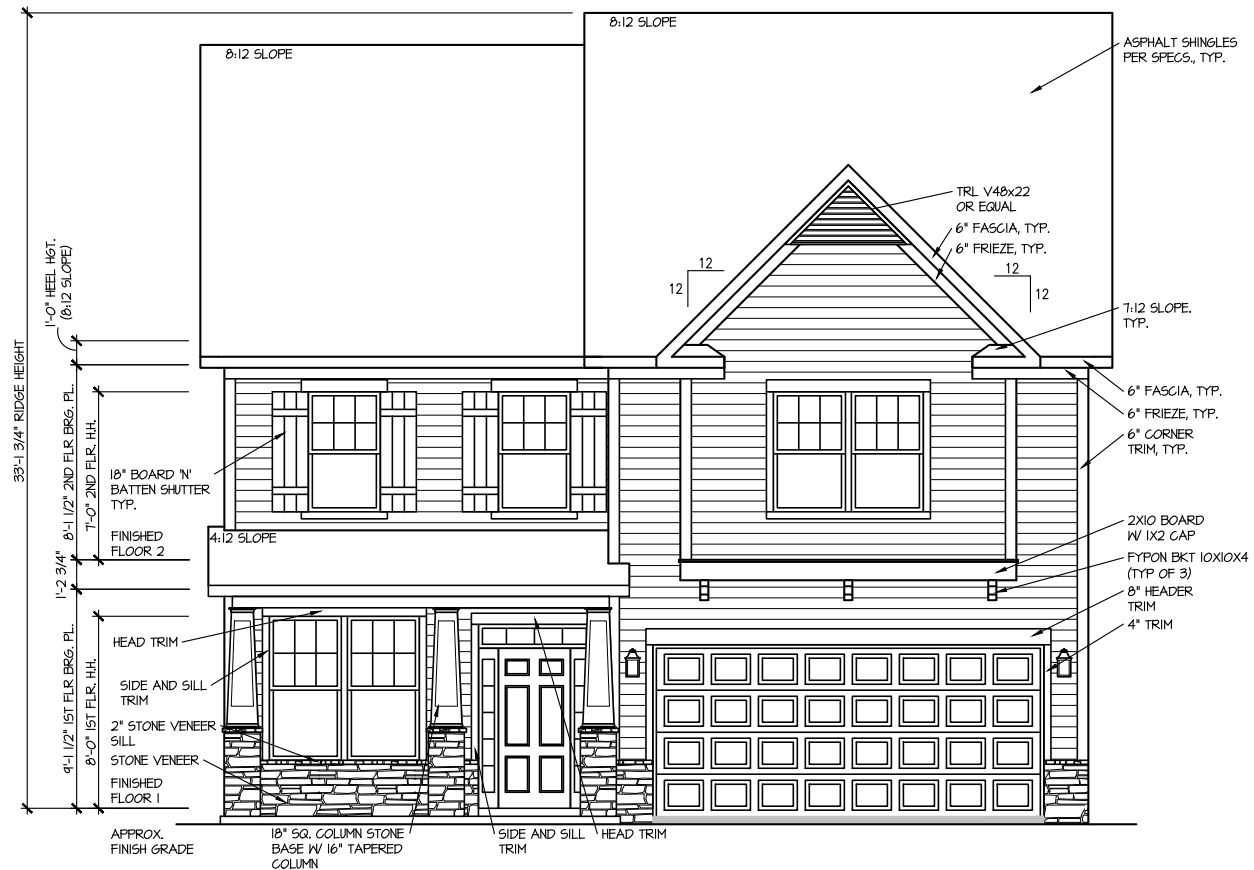
RALEIGH - LOT 00.0044 THE FARM AT NEILL'S CREEK
(MODEL# 1615)

ELEVATION 4 - GR

The logo for DRB HOMES, featuring the letters "DRB" in a large, bold, black sans-serif font, with the word "HOMES" in a smaller, blue, sans-serif font directly beneath it.

516 Winding Creek Drive

[illegible][illegible][illegible]



FRONT ELEVATION 4

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



REAR ELEVATION 4

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

MASTER PLAN INFORMATION

REVISION	DATE	UPDATED DATE
3-RAL	10-16-2019	06-18-2024

DRAWN BY: ITS

DATE: 02/20/2025

PLAN NO. 1615

DRB HOMES

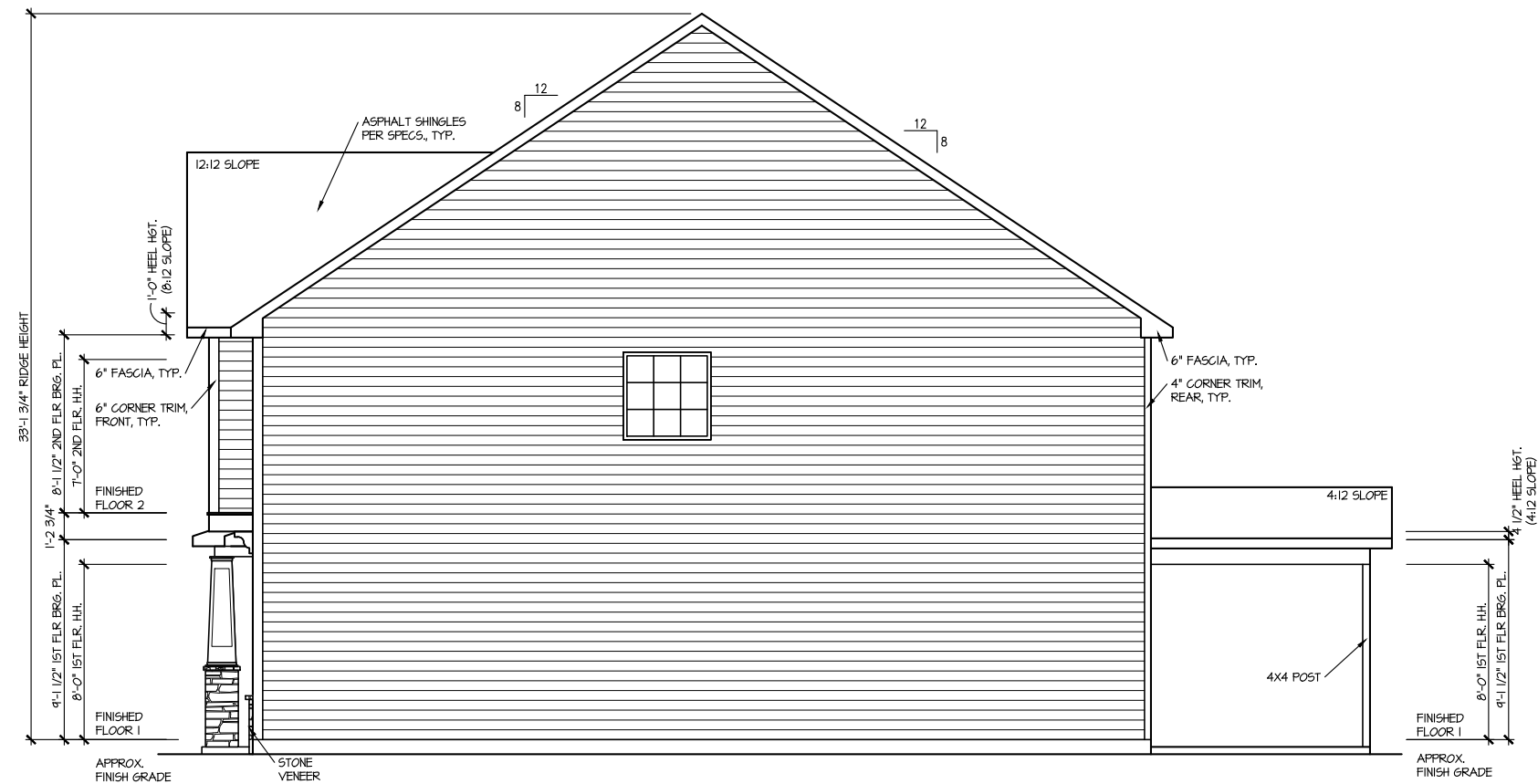
HOUSE NAME: DEVON

DRAWING TITLE

FRONT & REAR ELEVATIONS

SHEET No.

A.1



RIGHT ELEVATION 4
SCALE: 1/8" = 1'-0"



LEFT ELEVATION 4
SCALE: 1/8" = 1'-0"

MASTER PLAN INFORMATION		
REVISION	DATE	UPDATED DATE
3-RALE	10-16-2019	06-18-2024

DRAWN BY:	ITS
DATE:	02/20/2025
PLAN NO.	1615



HOUSE NAME:
DEVON

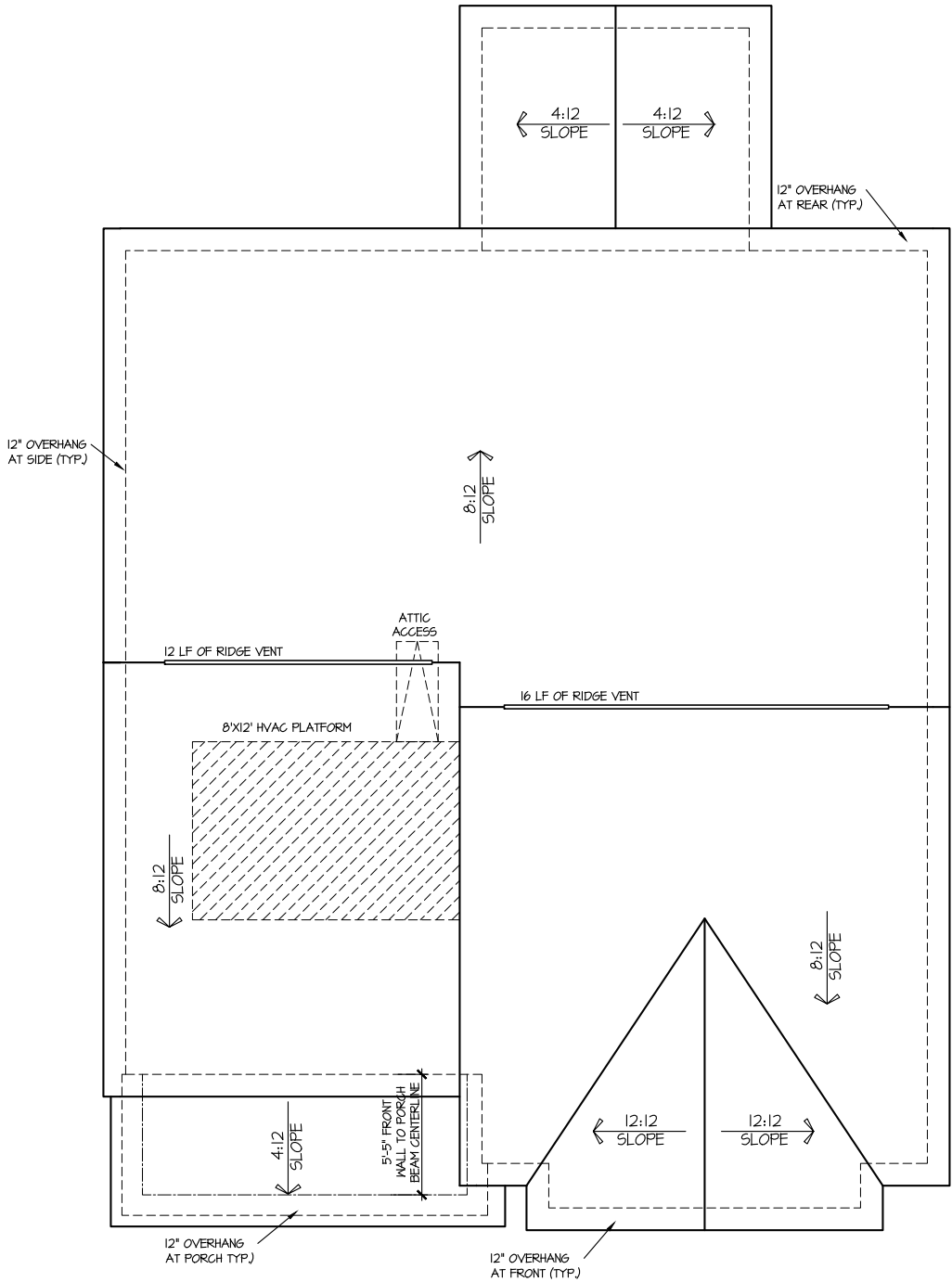
DRAWING TITLE
RIGHT & LEFT ELEVATIONS

SHEET No.
A | .2

ROOF VENTILATION CALCULATIONS:

ROOF AREA = 1440 SQ. FT.
OVERALL REQUIRED VENTILATION:
1 TO 150 = 9.6 SQ. FT.
1 TO 300 = 4.8 SQ. FT.
50-80% IN TOP THIRD = 2.4- 3.84 FT. (1 TO 300)
NET FREE AREA OF VENTED SOFFIT = 5.7 SQ. IN / LINEAR FT.
NET FREE AREA OF RIDGE VENT = 18 SQ. IN / LINEAR FT.

LOWER VENTING: (BOTTOM 2/3 RDS)
51 LINEAR FEET OF SOFFIT X 5.7 SQ. IN. = 2.907 SQ. FT.
UPPER VENTING: (TOP 1/3 RD)
28 LINEAR FEET OF RIDGE X 18 SQ. IN. = 3.5 SQ. FT.
3.5 SQ. FT. BETWEEN 50% - 80%
(1 TO 300 ALLOWED)
TOTAL ROOF VENTILATION: 5.5 SQ. FT. > 4.80 SQ. FT. (REQ'D)



ROOF PLAN ELEV. 4

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

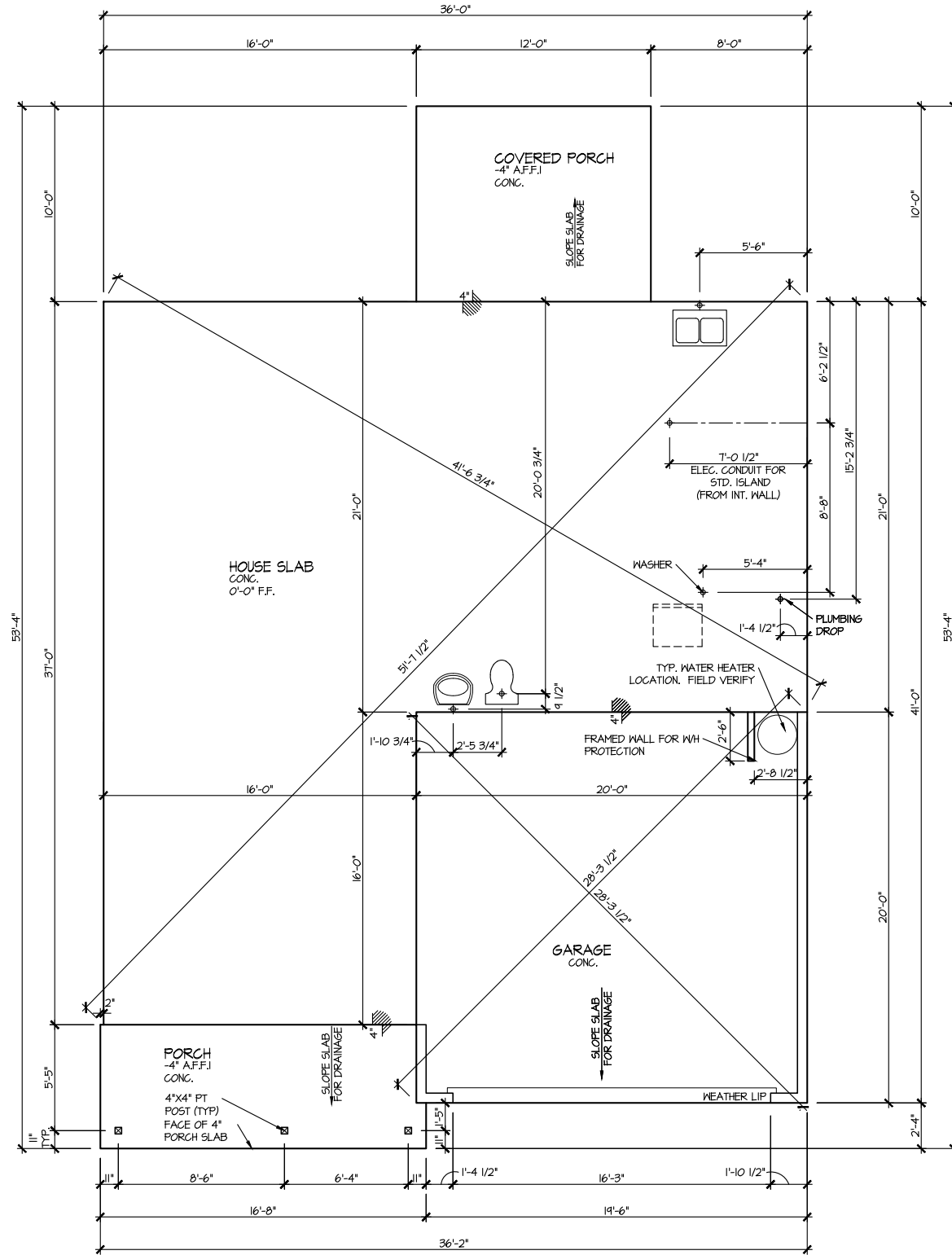
MASTER PLAN INFORMATION		
REVISION	DATE	UPDATED DATE
3-RAL	10-16-2019	06-18-2024

DRAWN BY:	ITS
DATE:	02/20/2025
PLAN NO.	1615

DRB
HOMES

HOUSE NAME:
DEVON
DRAWING TITLE
ROOF PLAN

SHEET No.
A.3



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

MASTER PLAN INFORMATION		
REVISION	DATE	UPDATED DATE
3--RALE	10-16-2019	06-18-2024

DRAWN BY: ITS
DATE: 02/20/2025
PLAN NO. 1615



HOUSE NAME:
DEVON

DRAWING TITLE
SLAB PLAN

SHEET No.
A2.1

ELEVATION 4
FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

MASTER PLAN INFORMATION		
REVISION	DATE	UPDATED DATE
3-RALE	10-16-2019	06-18-2024

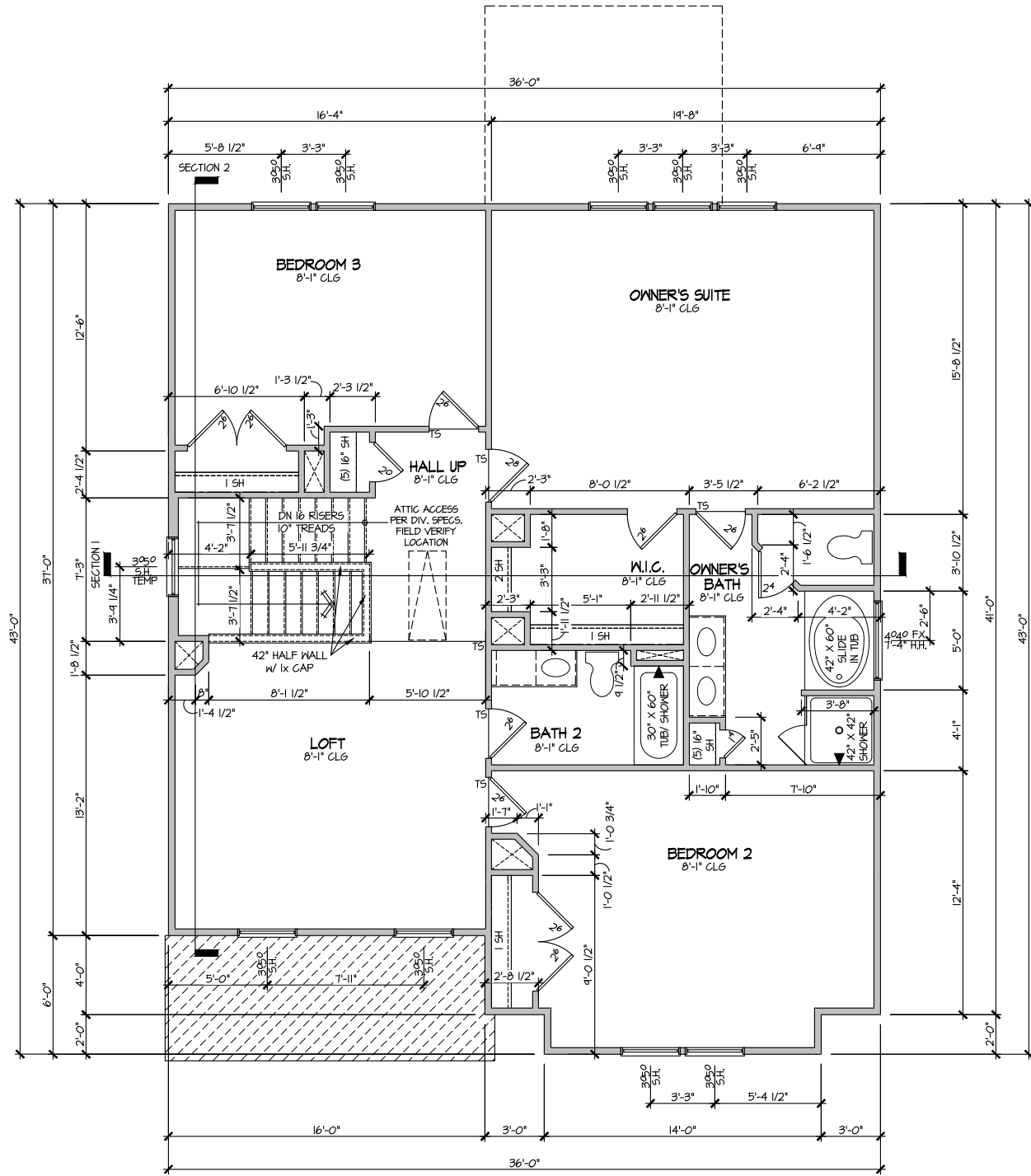
DRAWN BY:	ITS
DATE:	02/20/2025
PLAN NO.	1615



HOUSE NAME:
DEVON

DRAWING TITLE
FIRST FLOOR PLAN

SHEET No.
A3.1



ELEVATION 4
SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

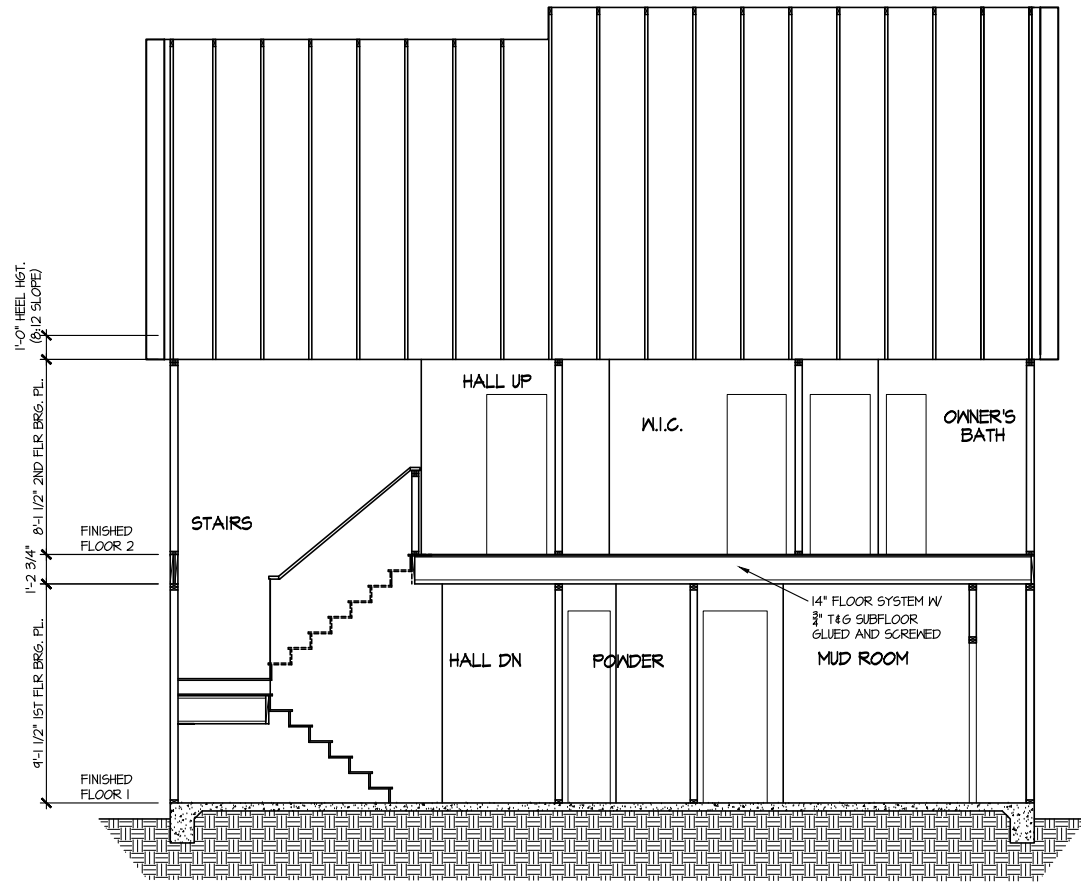
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REVISION	DATE	BY	UPDATED DATE
3-RALE	10-16-2019		06-18-2024

DRAWN BY:	ITS
DATE:	02/20/2025
PLAN NO.	1615



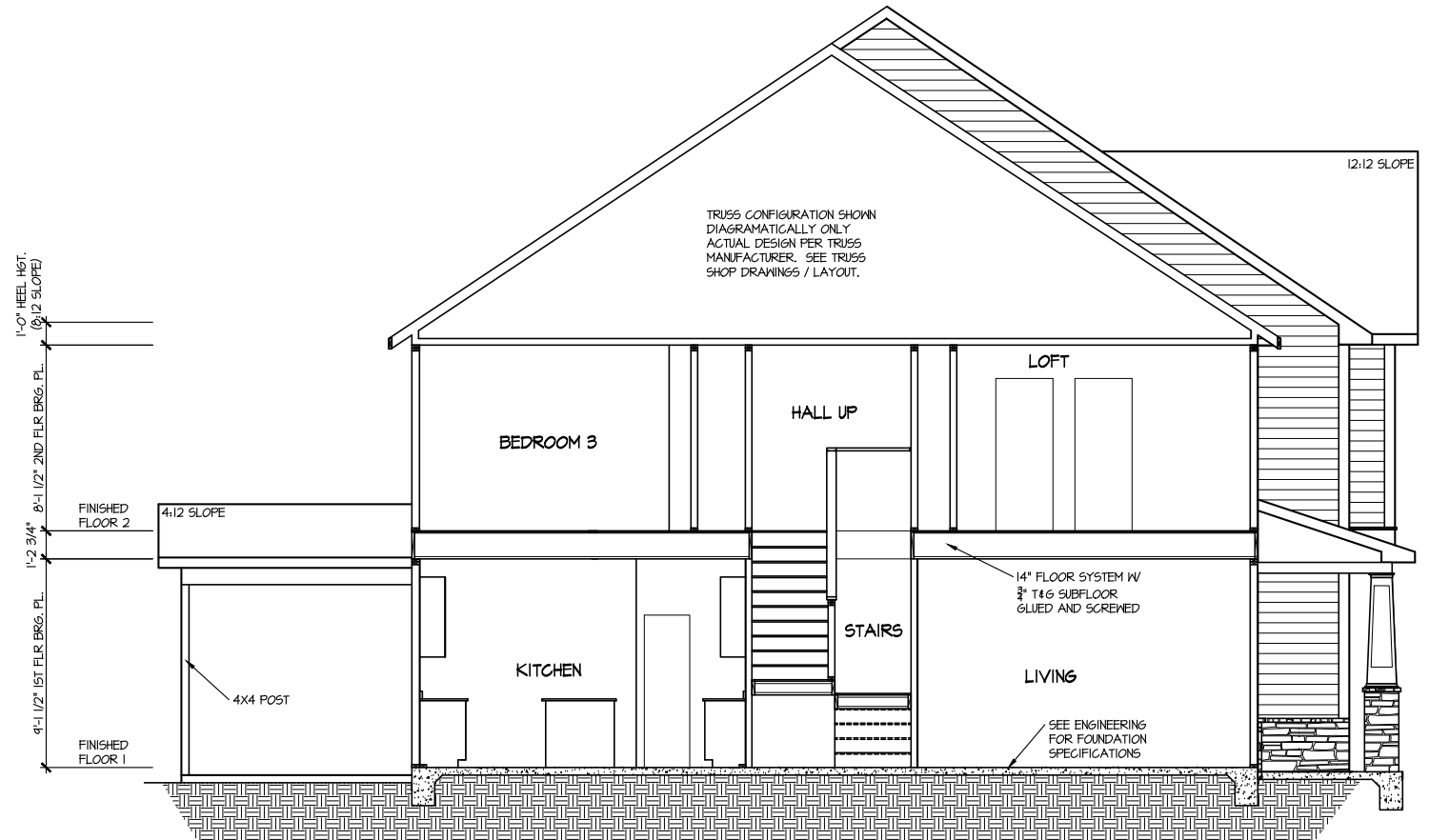
HOUSE NAME:	DEVON
DRAWING TITLE	SECOND FLOOR PLAN

SHEET No.	A3.2
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SECTION I

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



SECTION 2

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

MASTER PLAN INFORMATION			UPDATED DATE
REVISION	DATE		
3-RAL	10-16-2019		06-18-2024

DRAWN BY:	ITS
DATE:	02/20/2025
PLAN NO.	1615

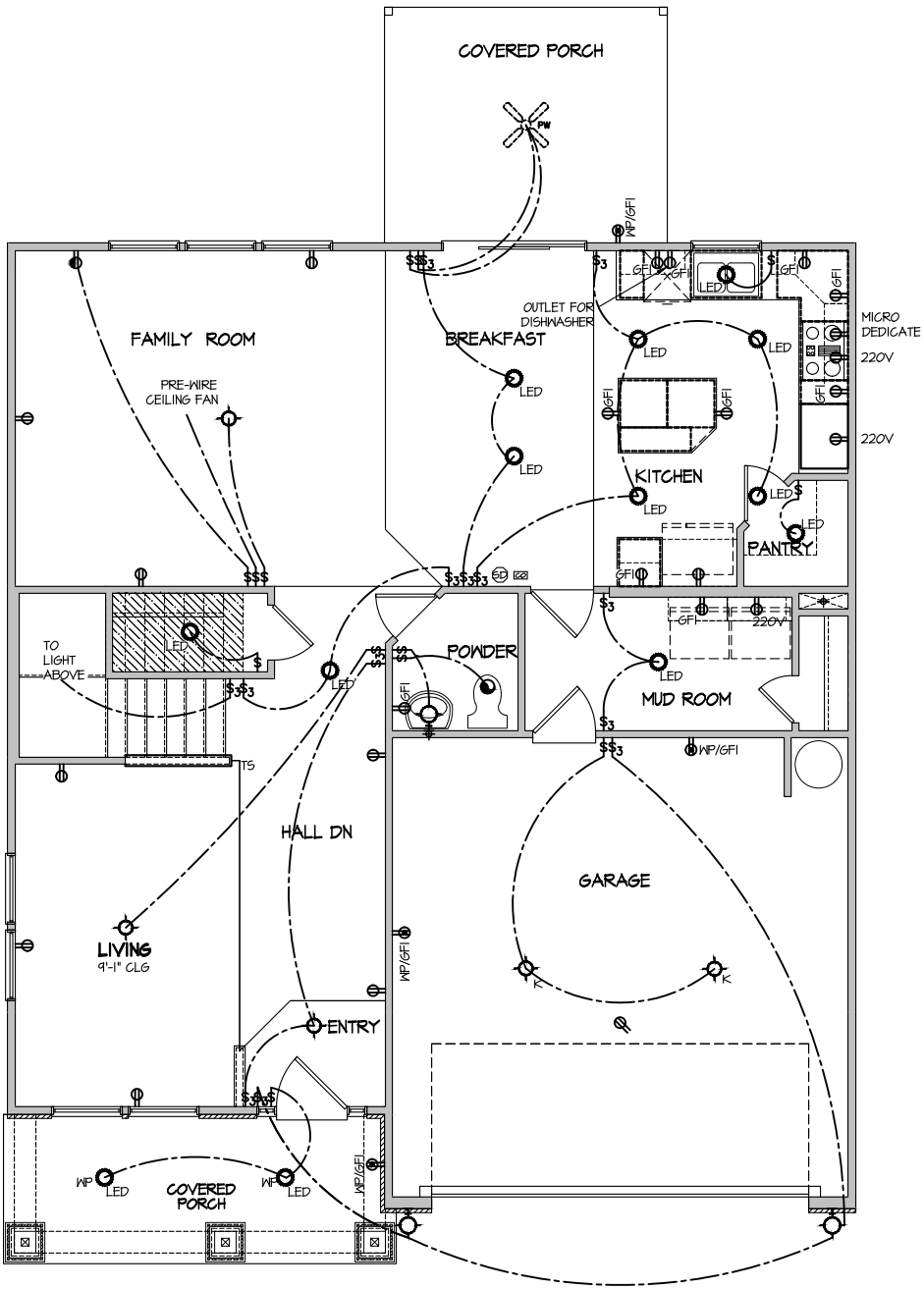
DRB
HOMES

HOUSE NAME:
DEVON
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
SD	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
P	PULLCHAIN LAMPHOLDER
K	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. 4
SCALE: 1/8" = 1'-0"

MASTER PLAN INFORMATION	
REVISION	DATE
3-RALE	10-16-2019
	UPDATED DATE
	06-18-2024

DRAWN BY:	ITS
DATE:	02/20/2025
PLAN NO.	1615

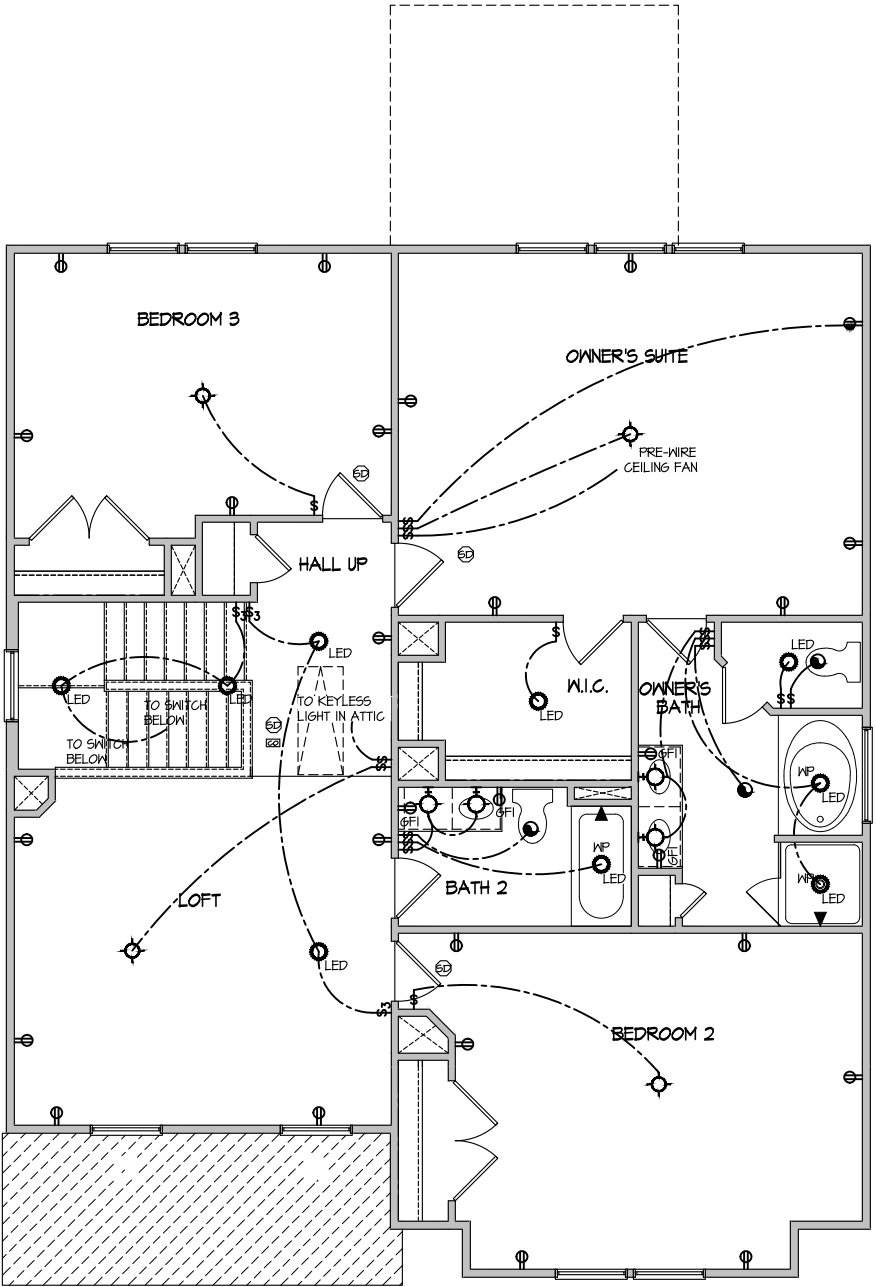
DRB
HOMES

HOUSE NAME:	DEVON
DRAWING TITLE	FIRST FLOOR ELECTRICAL

SHEET No.	1.1
-----------	-----

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

FILE: Lot_00.0044.dwg DATE: 2/19/2025 11:29 AM

MASTER PLAN INFORMATION	
REVISION	DATE
3-RALE	10-16-2019
	UPDATED DATE
	06-18-2024

DRAWN BY:	ITS
DATE:	02/20/2025
PLAN NO.	1615

DRB
HOMES

HOUSE NAME:	DEVON
DRAWING TITLE	SECOND FLOOR ELECTRICAL

SHEET No.	1.2
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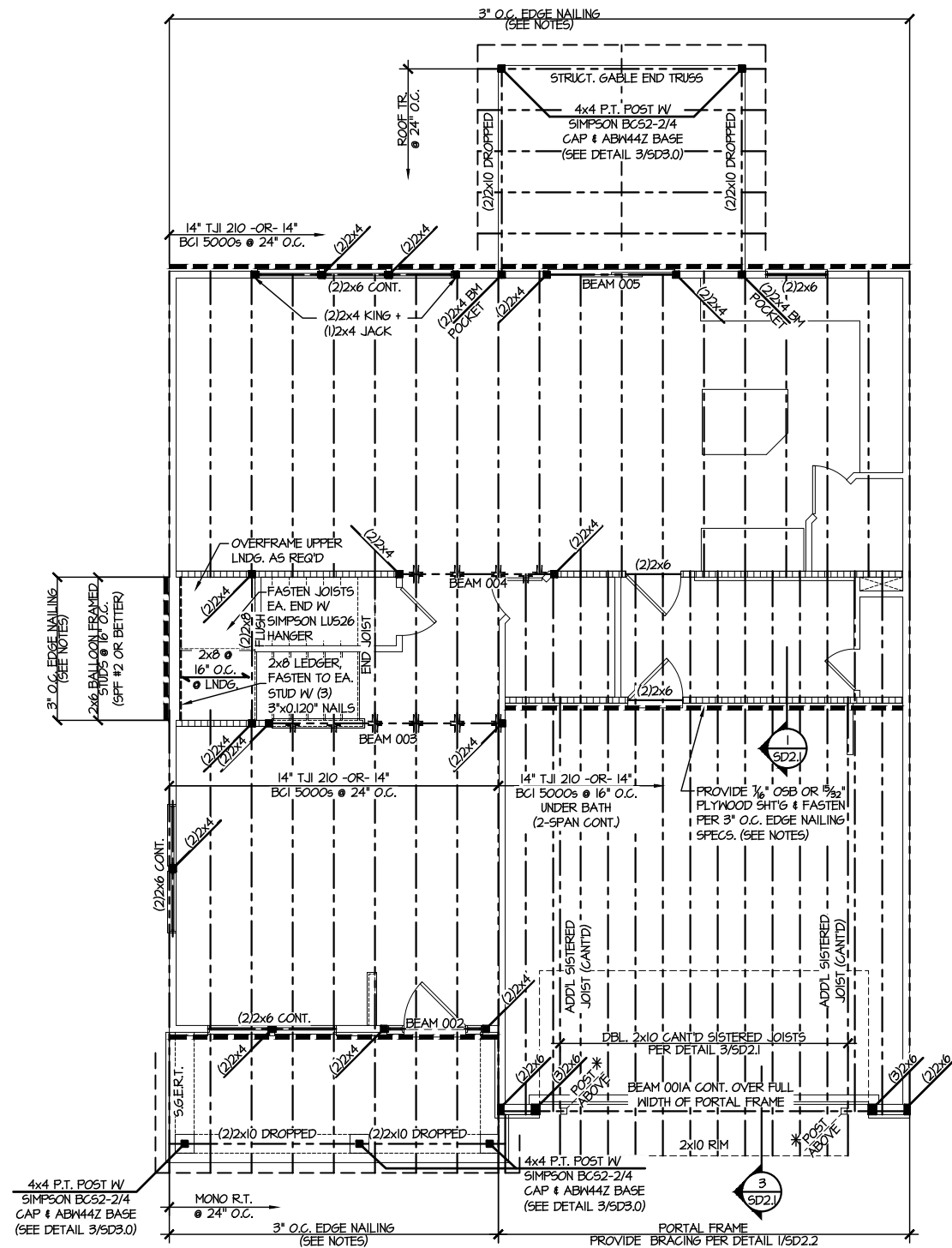
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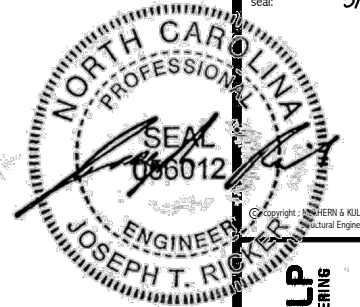
S1.0



- REFER TO SO.0 FOR
TYPICAL STRUCTURAL NOTES
& SCHEDULES



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



seal:

3/4/25

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NC LICENSE #C-3825

M&K project number:

126-22076

project mgr:

JTR

drawn by:

JAD

issue date:

02-27-25

REVISIONS:

date: initial:

LEGEND

- [Pattern] INTERIOR BEARING WALL
- [Pattern] BEARING WALL ABOVE
- [Pattern] BEAM / HEADER
- [Pattern] INDICATES SHEAR WALL & EXTENT
- [Pattern] EXTENT OF OVERFRAMING
- [Symbol] J.L. METAL HANGER
- [Symbol] INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.
- [Symbol] INDICATES HOLD-DOWN OR STRAP. REFER TO SCHEDULE.

REFER TO SO.0 FOR
TYPICAL STRUCTURAL NOTES
& SCHEDULES

ENGINEERED BEAM MATERIAL SCHEDULE

BEAM NUMBER	LVL. OPTION	PSL. OPTION	LSL. OPTION	FLITCH OPTION	STEEL OPTION
001	(3)3/4"x16" - H	3/4"x16" - H	N/A	(3)2x12 + (2)3/4"x11/2" STEEL FLITCH PLATES - H	N/A
001A	(3)3/4"x14" - H	3/4"x14" - H	(3)3/4"x16" - H	(3)2x12 + (2)3/4"x11/2" STEEL FLITCH PLATES - H	N/A
002	(2)3/4"x9" - H	3/2"x9" - H	(2)3/4"x9" - H	(2)2x10 + (1)1/2"x9" STEEL FLITCH PLATES - H	W6x10 - H
003	(2)3/4"x14" - F	3/2"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1)3/4"x11/2" STEEL FLITCH PLATES - FB	W12x14 - F
004	(2)3/4"x14" - F	3/2"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1)3/4"x11/2" STEEL FLITCH PLATES - FB	W12x14 - F
005	(2)3/4"x9" - H	3/2"x9" - H	(2)3/4"x9" - H	(2)2x10 + (1)1/2"x9" STEEL FLITCH PLATES - H	W6x10 - H
006	(2)3/4"x9" - F	3/2"x9" - F	(3)3/4"x9" - F	(2)2x10 + (1)1/2"x9" STEEL FLITCH PLATES - F	N/A
007	(2)3/4"x9" - F	3/2"x9" - F	(3)3/4"x9" - F	(2)2x10 + (1)1/2"x9" STEEL FLITCH PLATES - F	N/A
008	(2)3/4"x14" - F	3/2"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1)3/4"x11/2" STEEL FLITCH PLATES - FB	W12x14 - F
009	(2)3/4"x14" - F	3/2"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1)3/4"x11/2" STEEL FLITCH PLATES - FB	W12x14 - F
010	(2)3/4"x11/2" - H	3/2"x11/2" - H	(2)3/4"x11/2" - H	(2)2x12 + (1)1/2"x11/2" STEEL FLITCH PLATES - H	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 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.

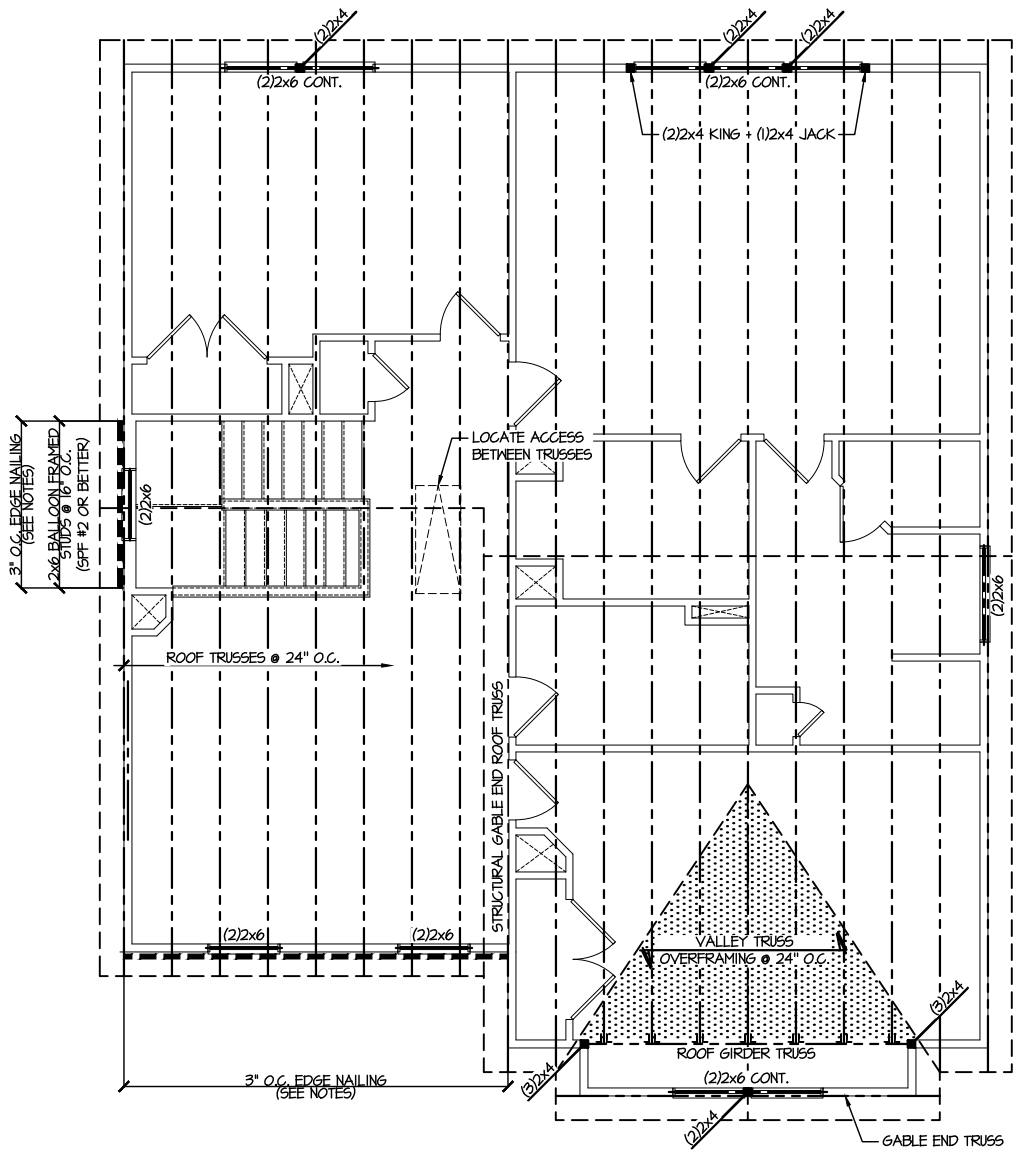
FLOOR FRAMING PLANS

FARM AT NEIL'S CREEK

LOT 44 - DEVON 4
RALEIGH, NC

sheet:

S2.0

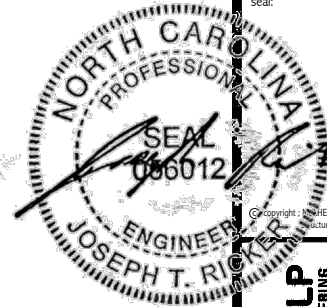


1 ROOF FRAMING PLAN
SCALE: 1/8"=1'-0"

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 50.0 FOR
TYPICAL STRUCTURAL NOTES
& SCHEDULES**



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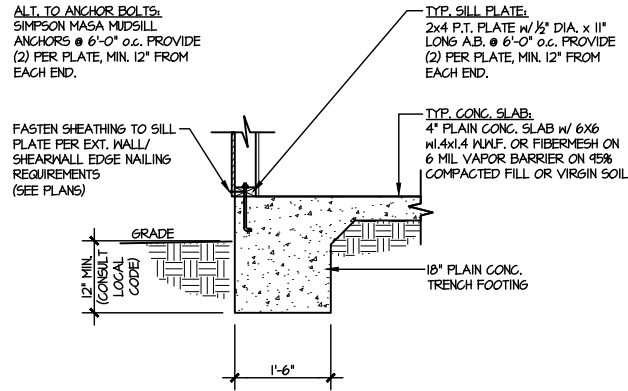
NC LICENSE #C-3825

M&K project number:	126-22076
project mgr:	JTR
drawn by:	JAD
issue date:	02-27-25
REVISIONS:	
date:	initial:

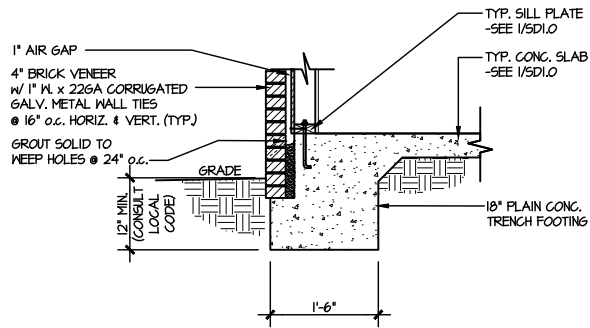


ROOF FRAMING PLANS
FARM AT NEIL'S CREEK
LOT 44 - DEVON 4
RALEIGH, NC

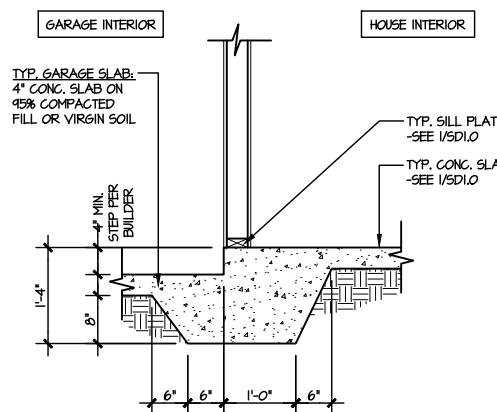
sheet:
S3.0



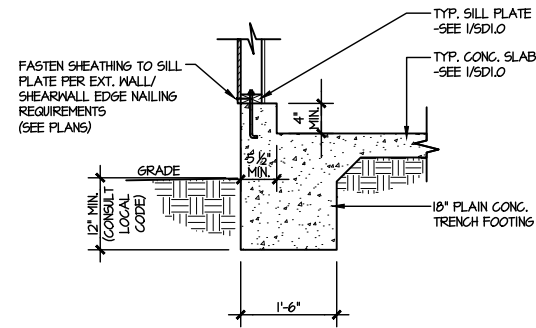
1 TYPICAL SLAB ON GRADE
PERIMETER FOOTING
SCALE: 3/8"=1'-0"



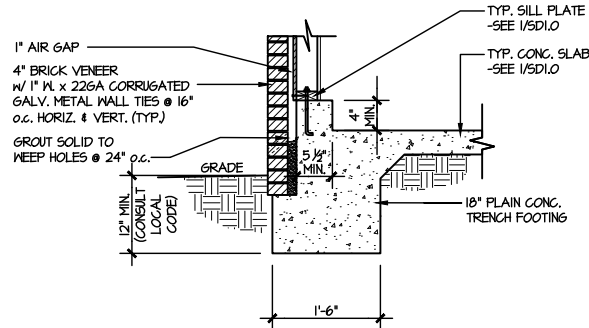
2 TYPICAL SLAB ON GRADE
PERIMETER FOOTING
SCALE: 3/8"=1'-0"



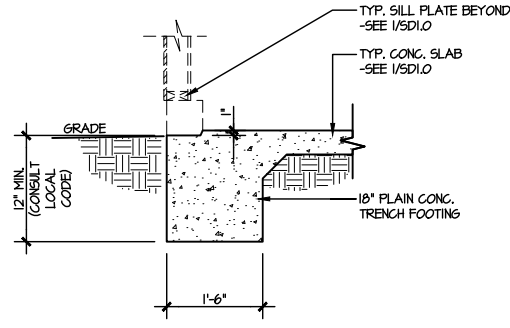
3 TYPICAL MONOLITHIC INTERIOR
GARAGE FOOTING
SCALE: 3/8"=1'-0"



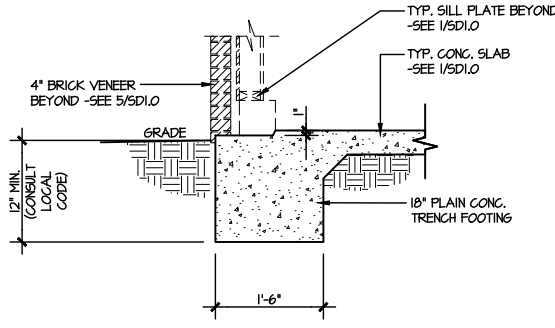
4 TYPICAL SLAB ON GRADE GARAGE
PERIMETER FOOTING
SCALE: 3/8"=1'-0"



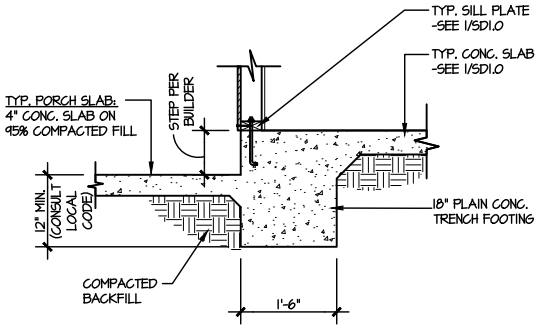
5 TYPICAL SLAB ON GRADE GARAGE
PERIMETER FOOTING
SCALE: 3/8"=1'-0"



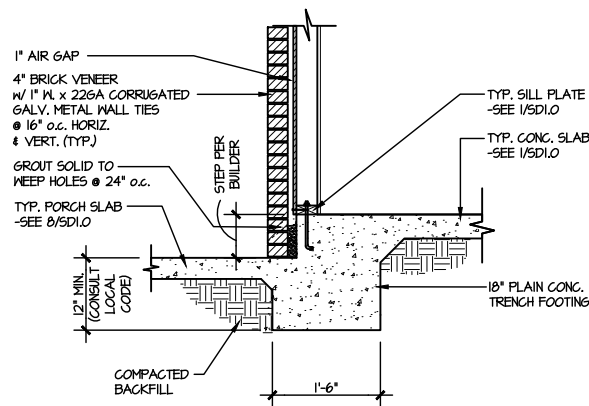
6 TYPICAL SLAB ON GRADE GARAGE
ENTRY @ PERIMETER FOOTING
SCALE: 3/8"=1'-0"



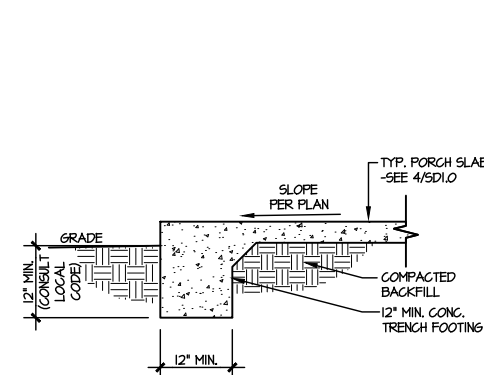
7 TYPICAL SLAB ON GRADE GARAGE
ENTRY @ PERIMETER FOOTING
SCALE: 3/8"=1'-0"



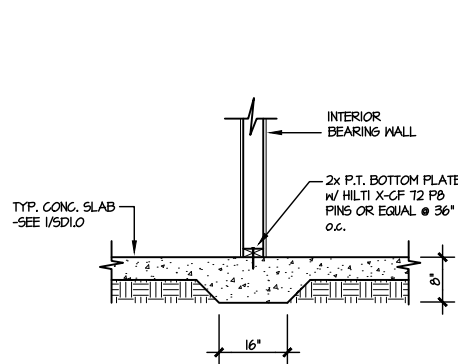
8 TYPICAL SLAB ON GRADE PERIMETER
FOOTING @ PORCH/PATIO
SCALE: 3/8"=1'-0"



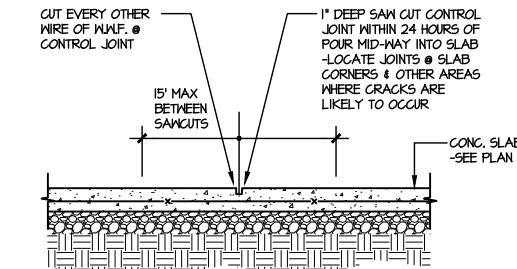
9 TYPICAL SLAB ON GRADE PERIMETER
FOOTING @ PORCH/PATIO
SCALE: 3/8"=1'-0"



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



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

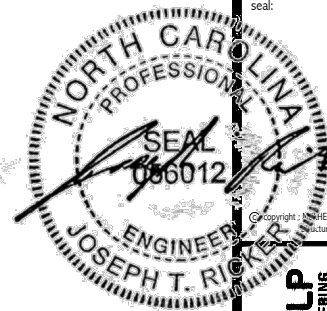


A TYPICAL CONTROL JOINT
SCALE: 3/8"=1'-0"

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.

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



3/4/25

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M&K project number:
126-22076

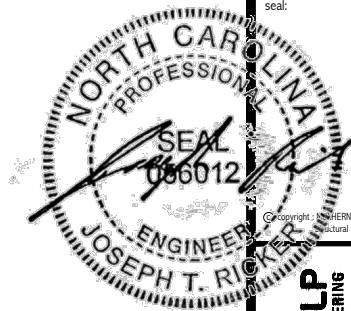
project mgr: JTR
drawn by: JAD
issue date: 02-27-25

REVISIONS:
date: initial:

DRB
HOMES

FOUNDATION DETAILS
FARM AT NEIL'S CREEK
LOT 44 - DEVON 4
RALEIGH, NC

sheet:
SD1.0



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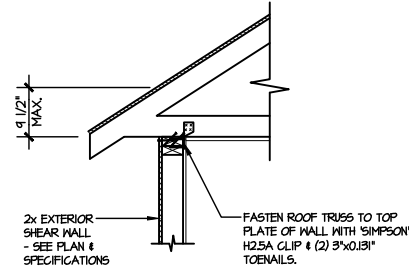
M&K project number:
126-22076
project mgr: JTR
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issue date: 02-27-25

REVISIONS:
date: initial:

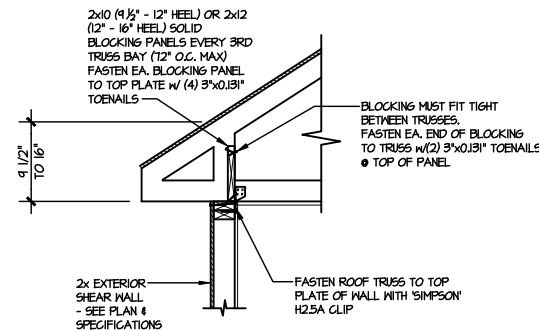
DRB
HOMES

FRAMING DETAILS
FARM AT NEIL'S CREEK
LOT 44 - DEVON 4
RALEIGH, NC

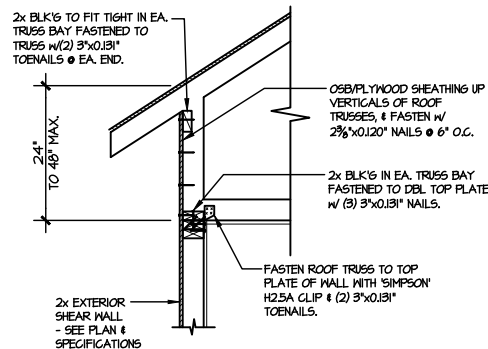
sheet:
SD2.0



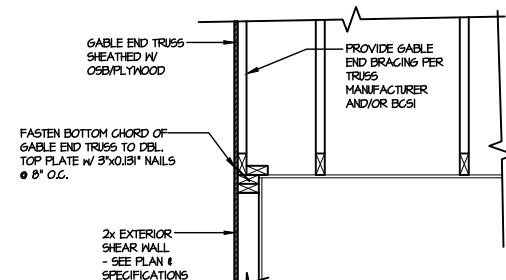
(AI) TYPICAL SHEAR TRANSFER DETAIL @ ROOF
SCALE: 3/8"=1'-0"
HEEL HEIGHT LESS THAN 4 1/2"
NO BLOCKING REQ'D



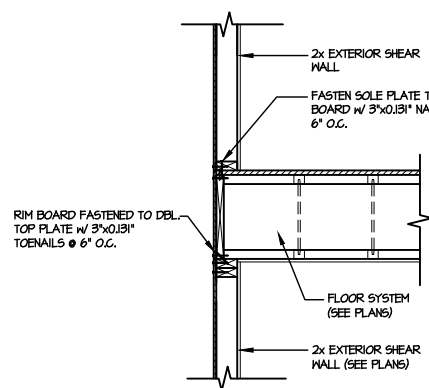
(A2) TYPICAL SHEAR TRANSFER DETAIL @ ROOF
SCALE: 3/8"=1'-0"
HEEL HEIGHT BETWEEN 4 1/2" - 16"
BLOCKING REQ'D



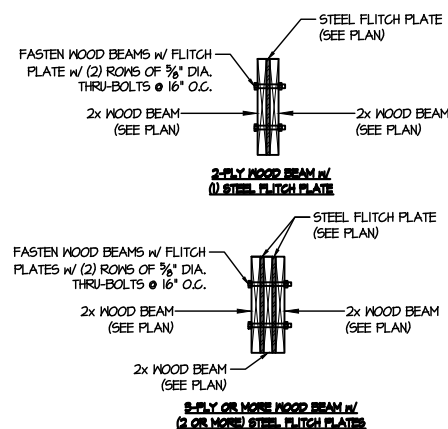
(A3) TYPICAL SHEAR TRANSFER DETAIL @ RAISED HEEL TRUSS
SCALE: 3/8"=1'-0"
HEEL HEIGHT UP TO 48" MAX.



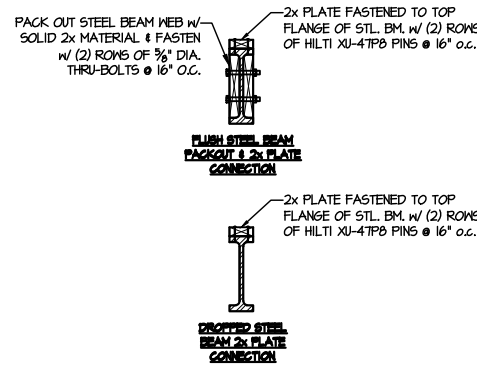
(B) TYPICAL GABLE END DETAIL
SCALE: 3/8"=1'-0"



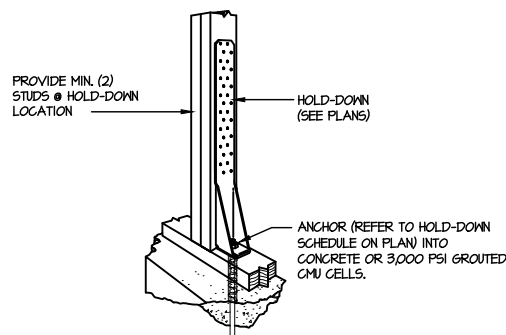
(C) TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL
SCALE: 3/8"=1'-0"



(D) TYPICAL FLITCH BEAM CONNECTION DETAIL
SCALE: 3/4"=1'-0"



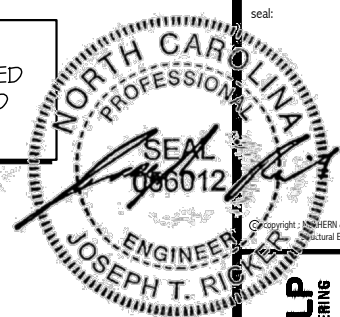
(E) TYPICAL STEEL BEAM CONNECTION DETAIL
SCALE: 3/4"=1'-0"



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

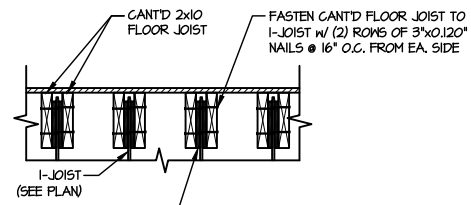
LETTERED DETAILS ARE TYPICAL FOR THIS HOME & SHALL BE IMPLEMENTED IN ALL APPLICABLE AREAS. THESE DETAILS ARE NOT "CUT" ON THE PLANS.

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

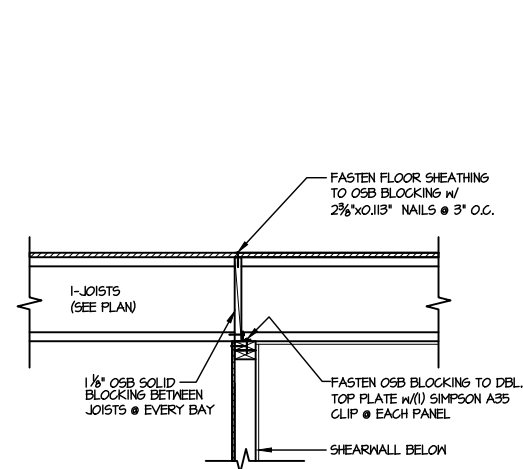


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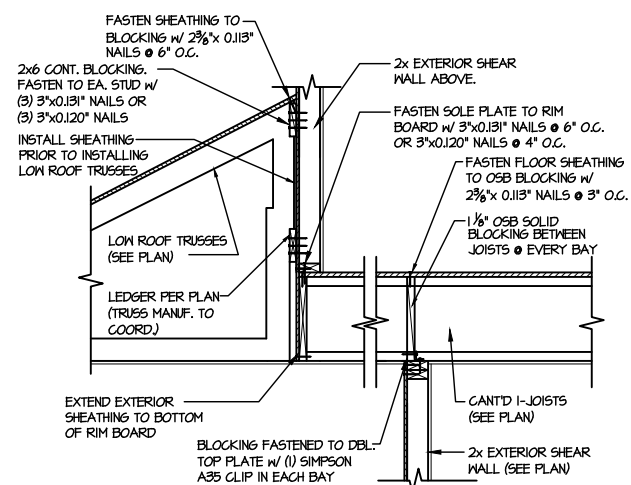
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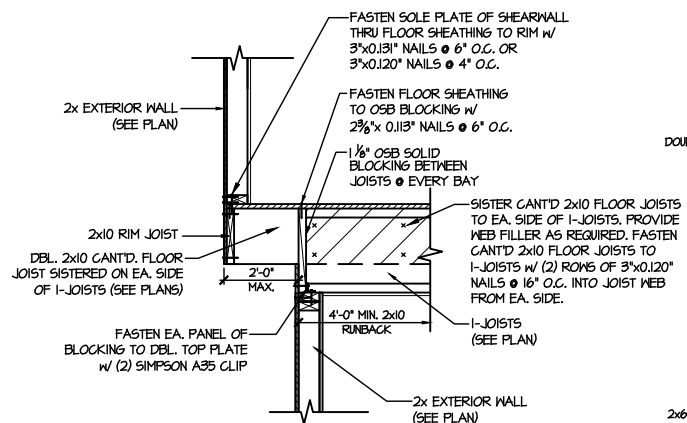
SECTION @ INTERIOR CONNECTION



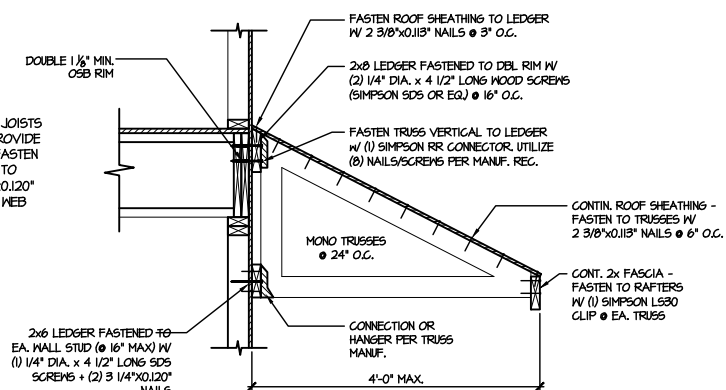
1 SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL BELOW
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



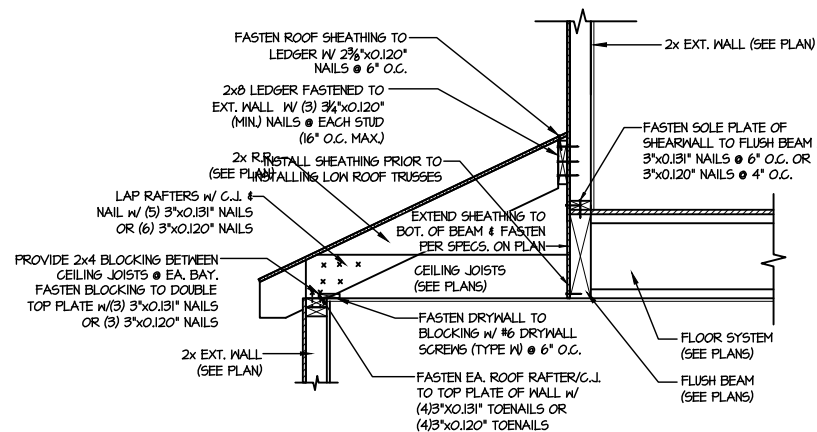
2 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



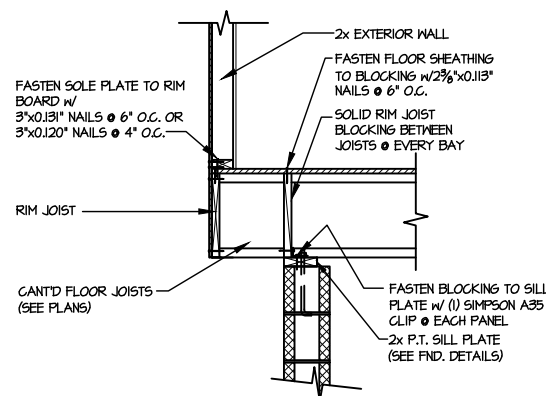
3 SHEAR TRANSFER DETAIL BETWEEN FLOORS @ CANT'D EXT. WALL
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



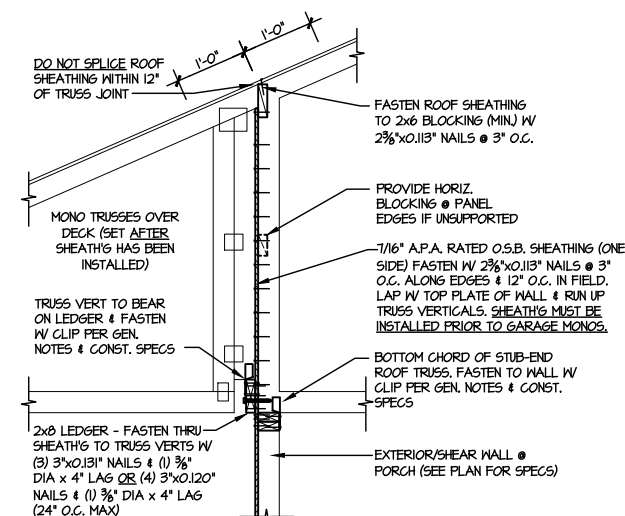
4 DETAIL @ SHED ROOF
SCALE: 3/8"=1'-0"



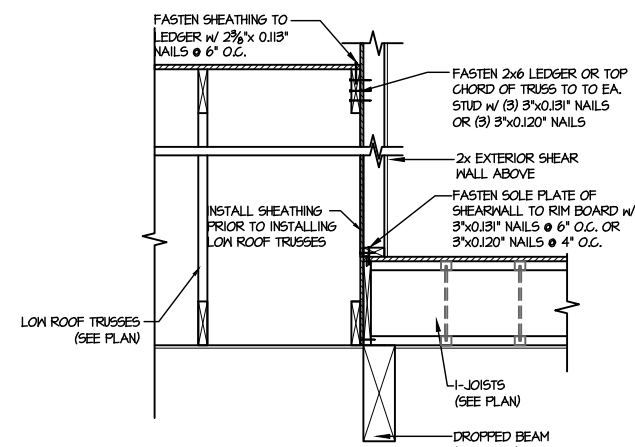
5 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ SHED ROOF
SCALE: 3/4"=1'-0"



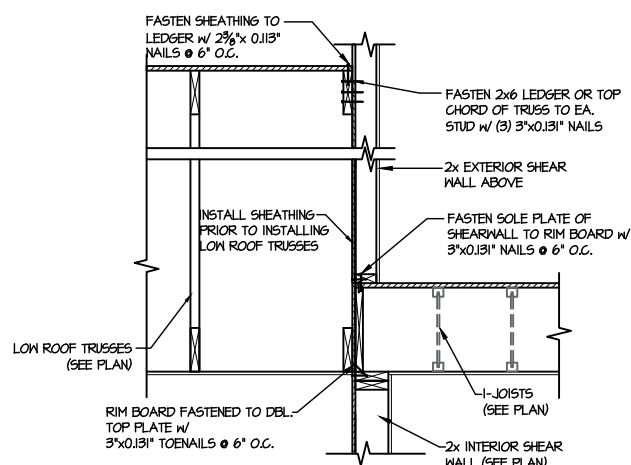
6 SHEAR TRANSFER DETAIL @ CANT'D EXTERIOR WALL
SCALE: 3/4"=1'-0"



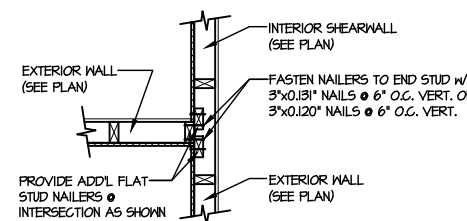
7 SHEAR TRANSFER DETAIL @ BREAK IN TRUSSES OVER SHEAR WALL
SCALE: 3/4"=1'-0" - 2204, 3/8"=1'-0" - 1047



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



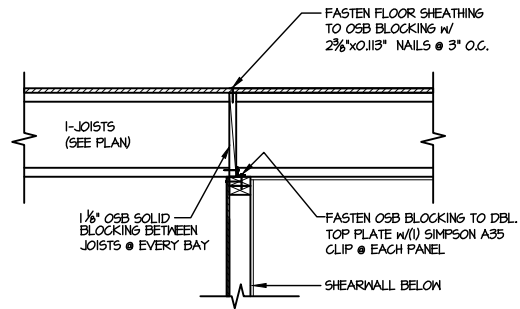
9 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



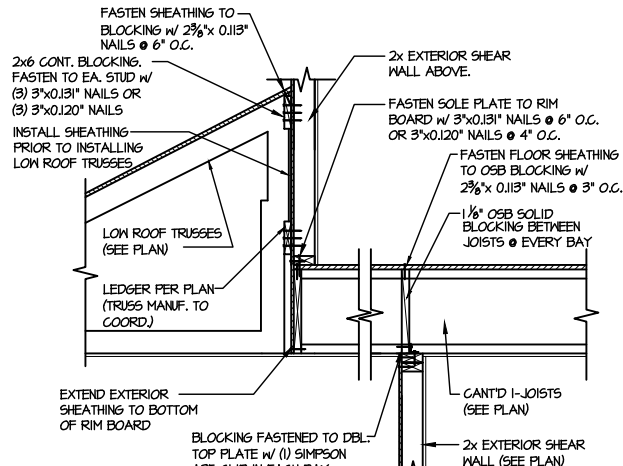
10 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL
SCALE: 3/4"=1'-0" SHTS. ON SAME PAGE

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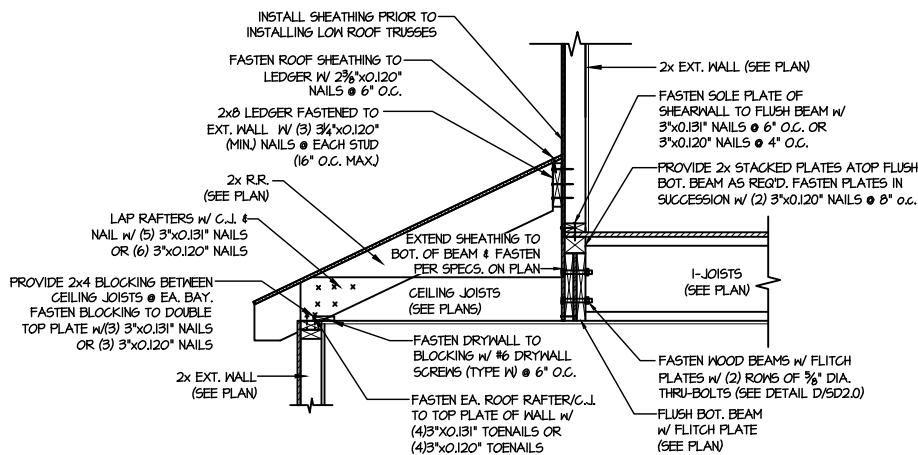
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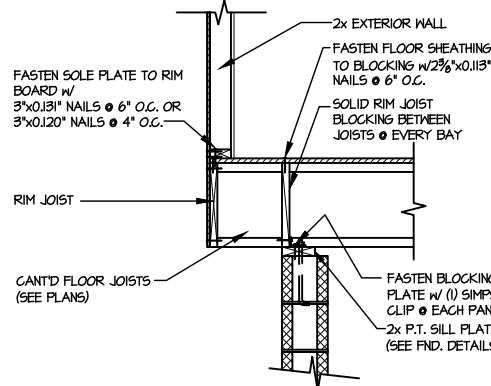
1 SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL BELOW
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



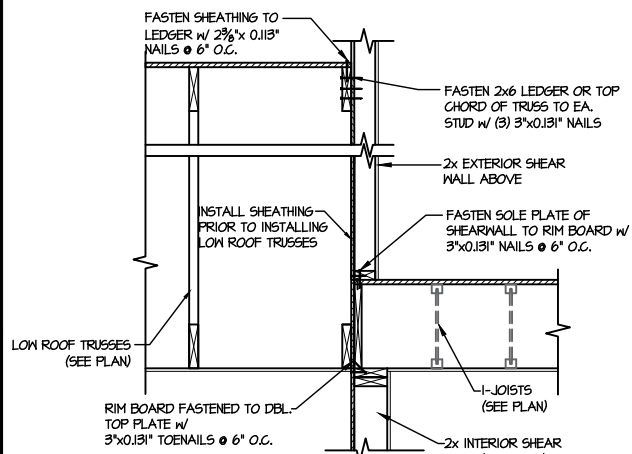
2 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



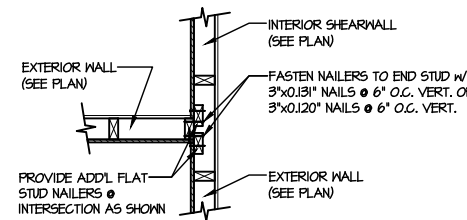
3 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ SHED ROOF
SCALE: 3/4"=1'-0"



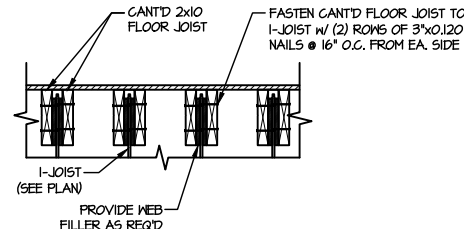
4 SHEAR TRANSFER DETAIL @ CANT'D EXTERIOR WALL
SCALE: 3/4"=1'-0"



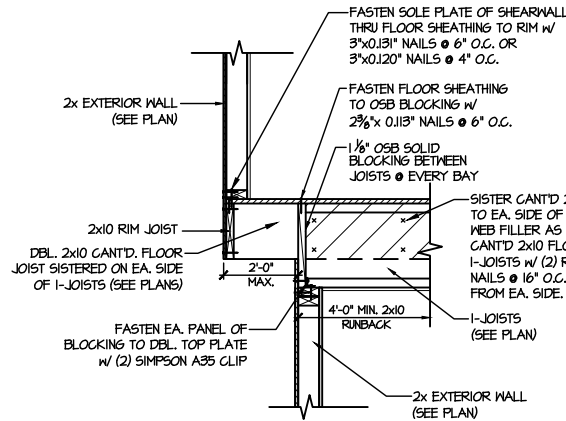
5 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



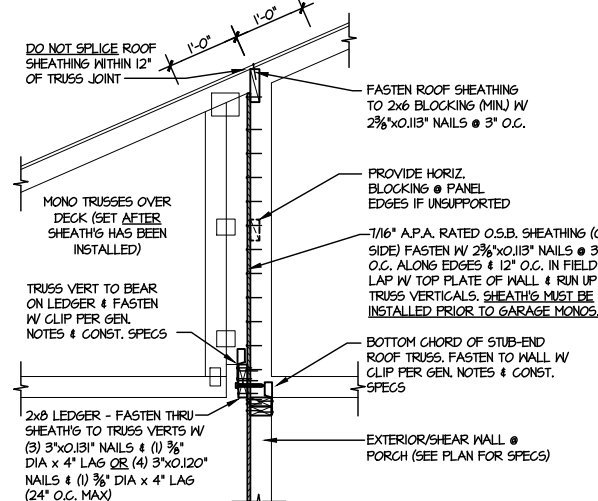
6 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL
SCALE: 3/4"=1'-0" SHOWN ON SAME PAGE



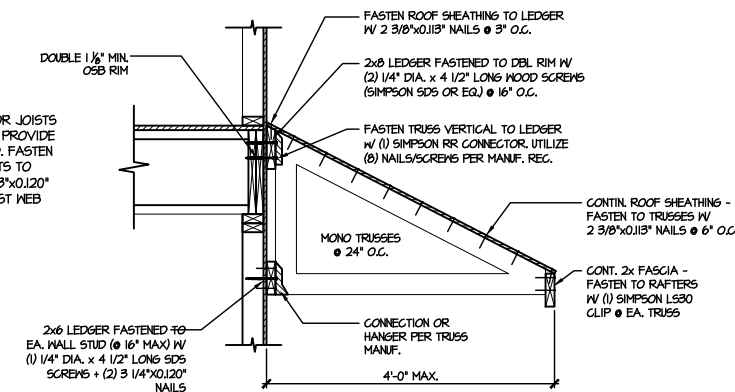
SECTION @ INTERIOR CONNECTION



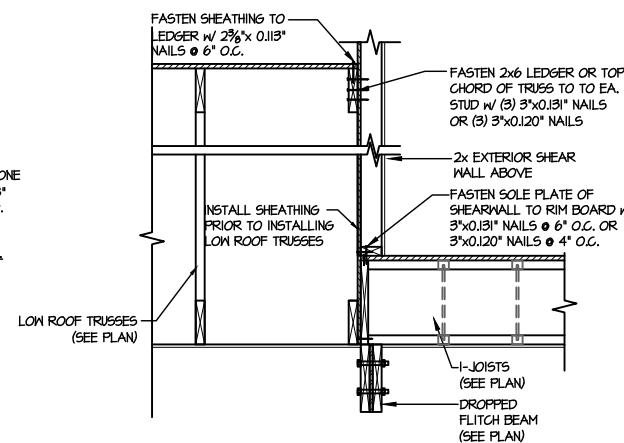
8 SHEAR TRANSFER DETAIL BETWEEN FLOORS @ CANT'D EXT. WALL
SCALE: 3/4"=1'-0"



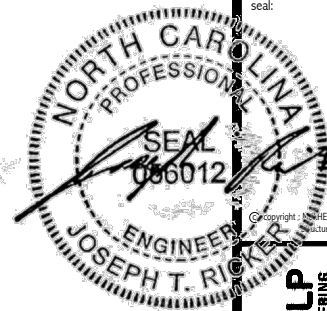
9 SHEAR TRANSFER DETAIL @ BREAK IN TRUSSES OVER SHEAR WALL
SCALE: 3/4"=1'-0" - 2204 3/8"=1'-0" - 10x7



10 DETAIL @ SHED ROOF
SCALE: 3/8"=1'-0"



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



McK project number: 126-22076

project mgr: JTR

drawn by: JAD

issue date: 02-27-25

REVISIONS:

date: initial:



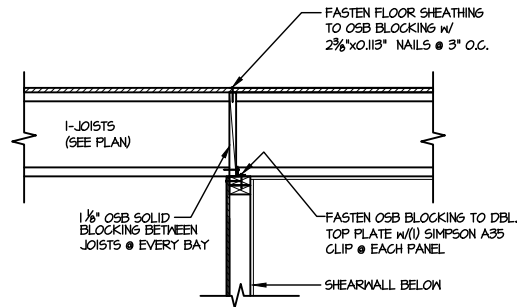
FRAMING DETAILS
FARM AT NEIL'S CREEK
LOT 44 - DEVON 4
RALEIGH, NC

sheet:

SD2.1B

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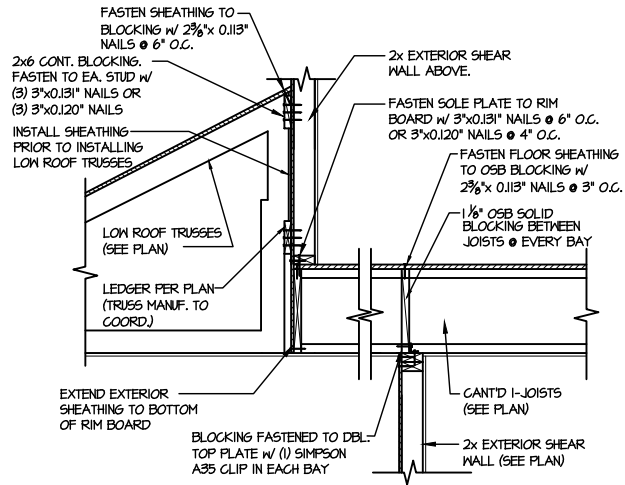
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1 SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL BELOW

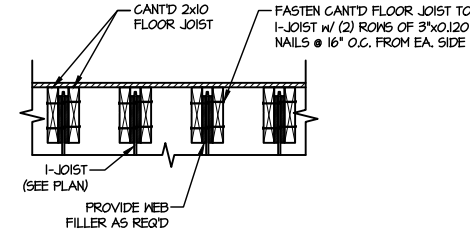
SCALE: 3/4"=1'-0"

PERPENDICULAR FRAMING

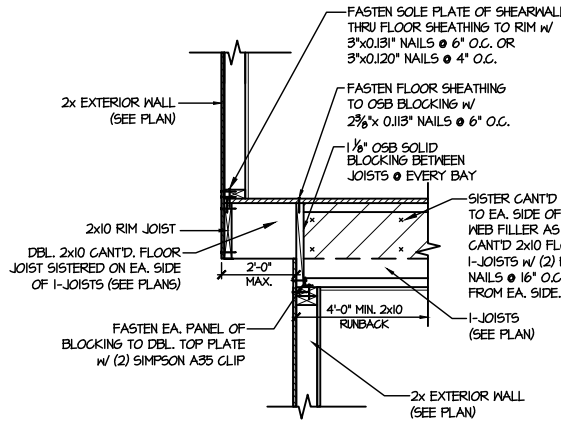


2 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL

SCALE: 3/4"=1'-0"

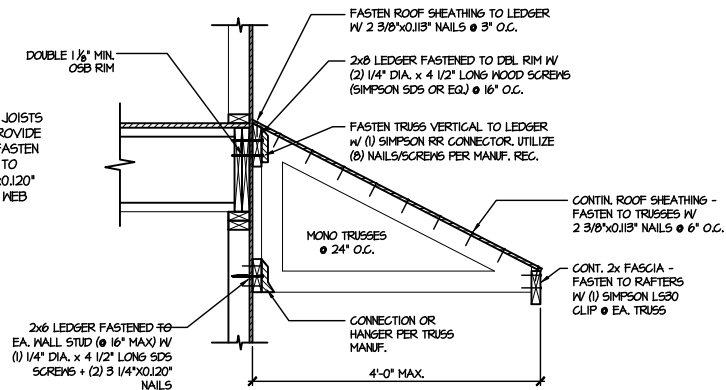


SECTION @ INTERIOR CONNECTION



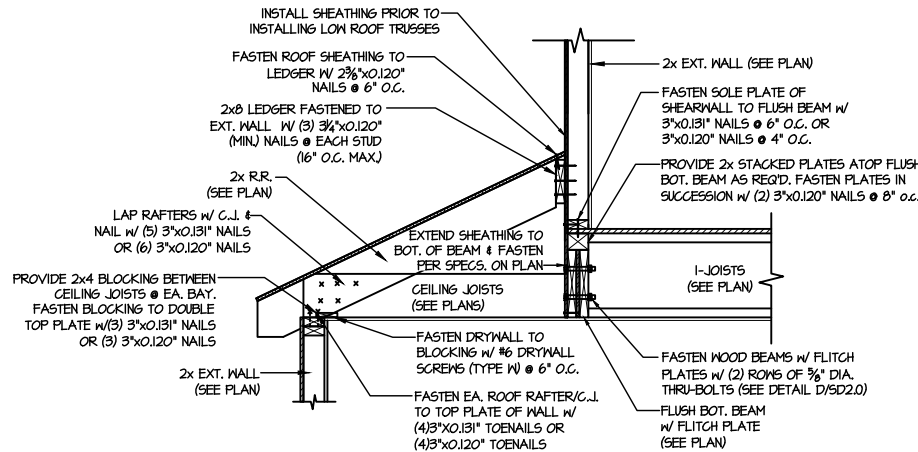
3 SHEAR TRANSFER DETAIL BETWEEN FLOORS @ CANT'D EXT. WALL

SCALE: 3/4"=1'-0"



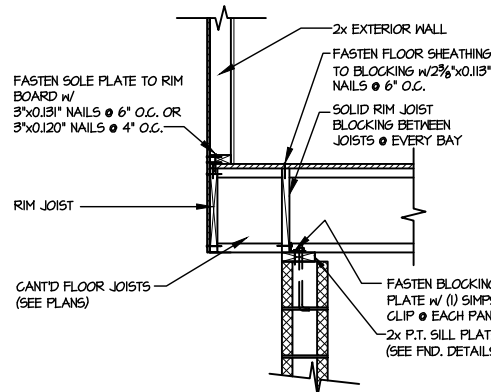
4 DETAIL @ SHED ROOF

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



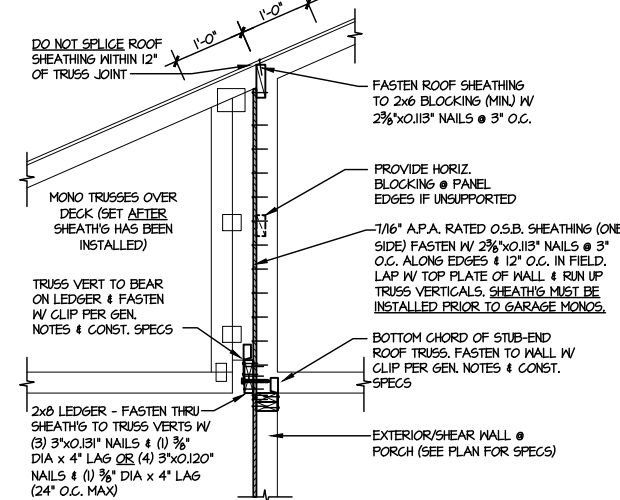
5 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ SHED ROOF

SCALE: 3/4"=1'-0"



6 SHEAR TRANSFER DETAIL @ CANT'D EXTERIOR WALL

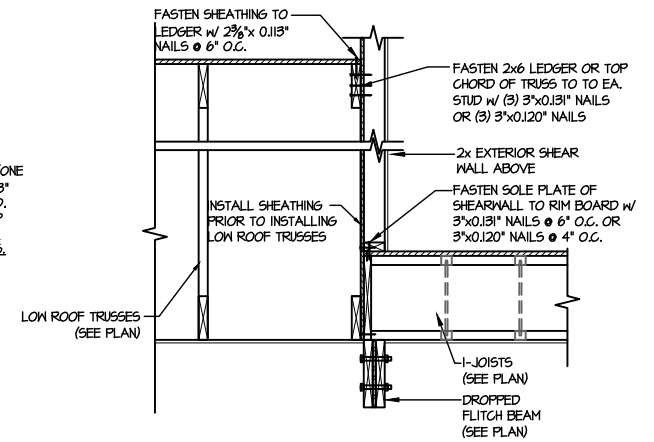
SCALE: 3/4"=1'-0"



7 SHEAR TRANSFER DETAIL @ BREAK IN TRUSSES OVER SHEAR WALL

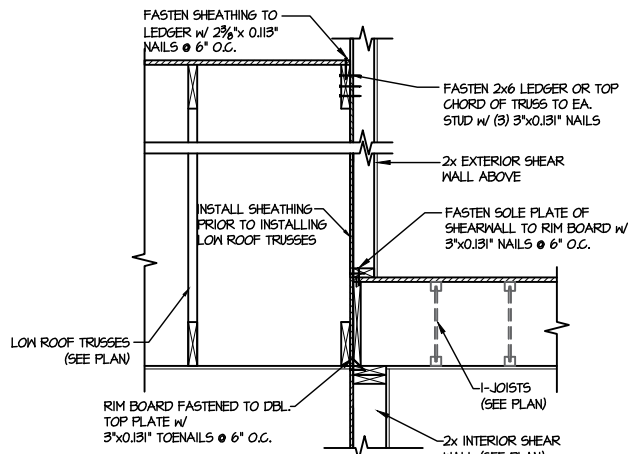
SCALE: 3/4"=1'-0" - 22'04"

3/8"=1'-0" - 11'7"



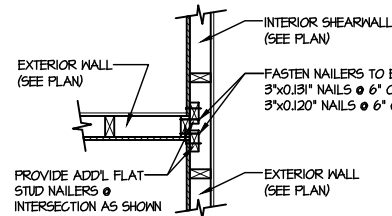
8 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE

SCALE: 3/4"=1'-0"



9 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL

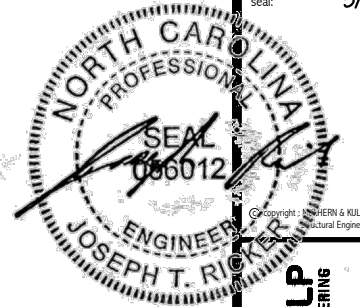
SCALE: 3/4"=1'-0"



10 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL

SCALE: 3/4"=1'-0"

SHW. ON SAME PAGE



M&K project number: 126-22076

project mgr: JTR

drawn by: JAD

issue date: 02-27-25

REVISIONS:

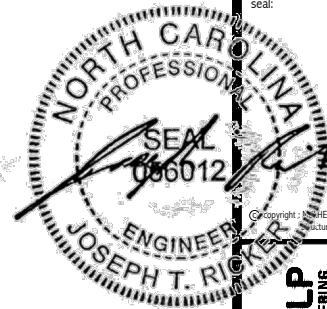
date: initial:



FRAMING DETAILS
FARM AT NEIL'S CREEK
LOT 44 - DEVON 4
RALEIGH, NC

sheet:

SD2.1C



M&K project number:
126-22076
project mgr: JTR
drawn by: JAD
issue date: 02-27-25

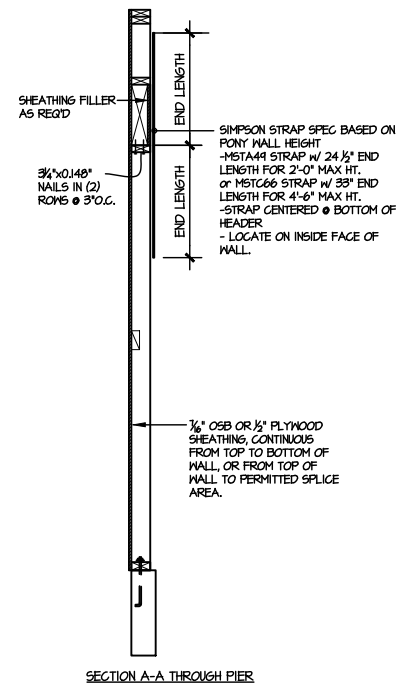
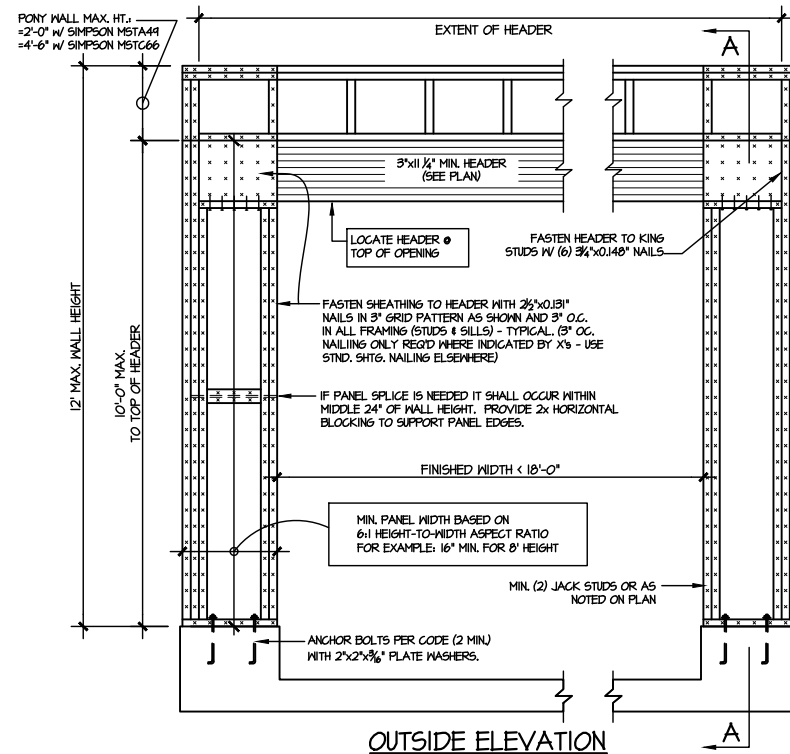
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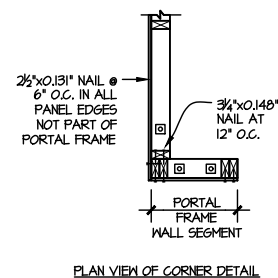
FRAMING DETAILS
FARM AT NEIL'S CREEK
LOT 44 - DEVON 4
RALEIGH, NC

sheet:

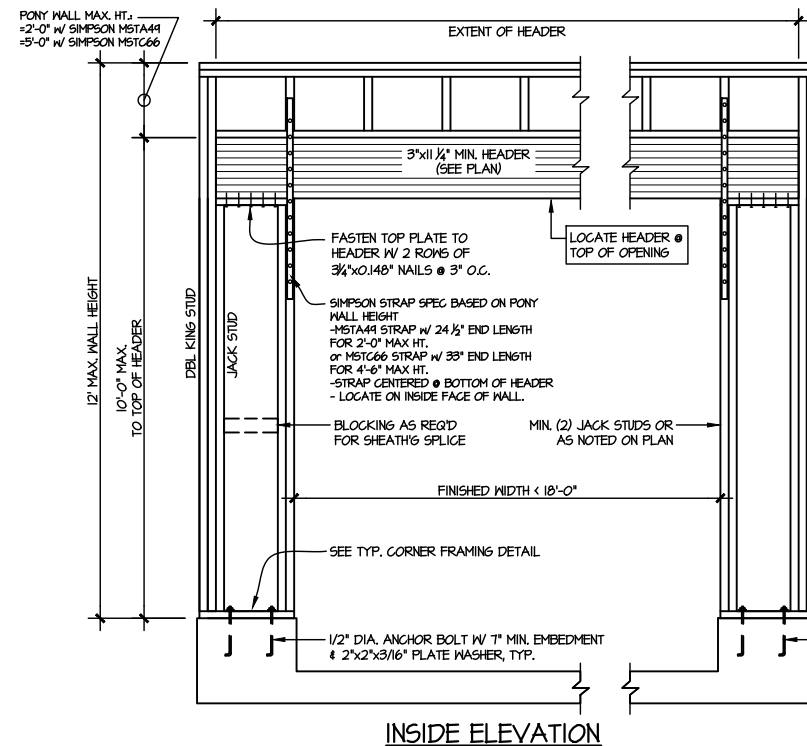
SD2.2



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

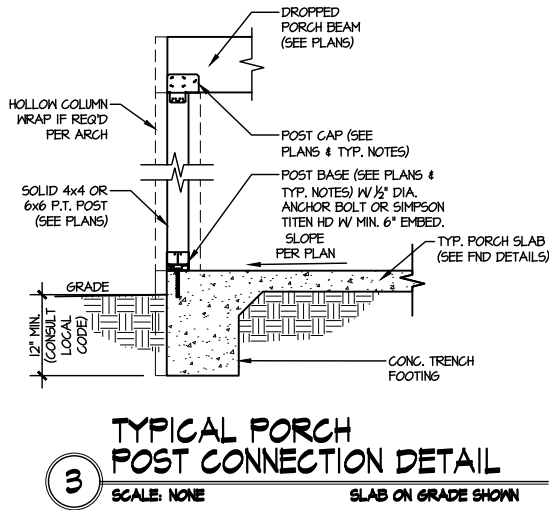


TWO SIDED GARAGE PORTAL FRAME BRACING
ELEVATION ON CONCRETE STEM

SCALE: N.T.S.

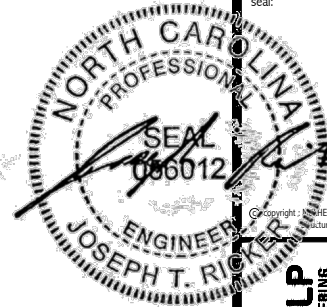
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MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
380 Riverside Ave., Building 4 - Asheville, NC 28802
P 715-546-5001 • mulhern+kulp.com
NC LICENSE #C-3825

M&K project number:
126-22076
project mgr: JTR
drawn by: JAD
issue date: 02-27-25

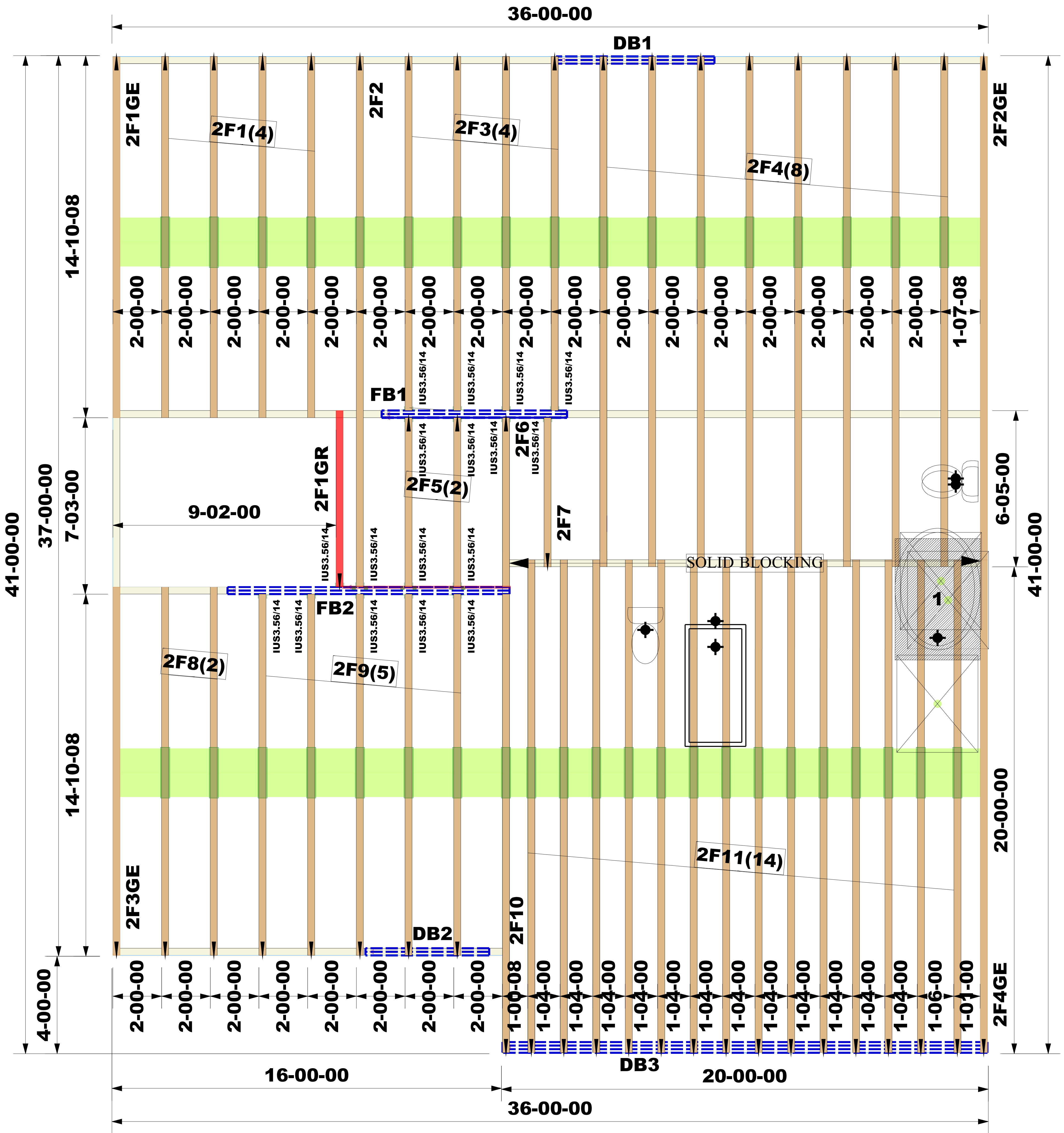
REVISIONS:	
date:	initial:



FRAMING DETAILS
FARM AT NEIL'S CREEK
LOT 44 - DEVON 4
RALEIGH, NC

sheet:
SD3.0

FLOOR TRUSS LAYOUT
SCALE: NTS
FOR CONSTRUCTION



Devon
Elev. 4
Garage Right
Rev. 3

Truss Connector Total List		
Manuf	Product	Qty
Simpson	IUS3.56/14	17
Simpson	IUS3.56/14*	2

Products				
PlotID	Length	Product	Plies	Net Qty
DB1	8'-0"	1 3/4" x 9 1/2" (2.0E 3100) LVL	2	2
DB2	6'-0"	1 3/4" x 9 1/2" (2.0E 3100) LVL	2	2
FB2	12'-0"	1 3/4" x 14" (2.0E 3100) LVL	2	2
FB1	8'-0"	1 3/4" x 14" (2.0E 3100) LVL	2	2
DB3	20'-0"	1 3/4" x 16" (2.0E 3100) LVL	3	3
*	12'-0"	14"X12' Rimboard	1	2

The Farm at Neill's Creek (NC)(RAL)
Lot:00.0044

Job #:

2502-2423

Designer:

Rajkumar yadav

Sales Rep:

Robbie Zarobinski

WARNING:
CONVENTIONAL FRAMING, ERECTION AND/OR PERMANENT BRACING IS NOT THE RESPONSIBILITY OF THE TRUSS DESIGNER, PLATE MANUFACTURER, OR THE TRUSS MANUFACTURER. PERSONS ERECTING TRUSSES ARE CAUTIONED TO SEEK PROFESSIONAL ADVICE REGARDING THE ERECTION BRACING WHICH IS ALWAYS REQUIRED TO PREVENT TOPPLING AND DOMINING DURING ERECTION, AND PERMANENT BRACING WHICH MAY BE REQUIRED IN SPECIFIC APPLICATIONS. SEE "BRACING WOOD TRUSSES COMMENTARY AND RECOMMENDATIONS" (BCSI 1) FOR FURTHER INFORMATION.

TRUSSES SHALL BE INSTALLED IN A STRAIGHT AND PLUMB POSITION WHERE NO SHEATHING IS APPLIED DIRECTLY TO TOP AND/OR BOTTOM CHORDS, THEY SHALL BE BRACED AS SPECIFIED ON THE ENGINEERED DESIGN. TRUSSES SHALL BE HANDLED WITH REASONABLE CARE DURING ERECTION TO PREVENT DAMAGE OR PERSONAL INJURY.

NOTE:
IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER OR ARCHITECT TO PROVIDE AN APPROPRIATE CONNECTION FOR TRUSSES TO SUPPORTING STRUCTURE PER REACTIONS SHOWN ON TRUSS ENGINEERING. SPECIAL CONSIDERATIONS FOR MECHANICAL EQUIPMENT AND/OR PLUMBING (AND THEIR CONNECTIONS) IN TRUSS SPACE MUST BE DIAGRAMMED BY BUILDER ON APPROVED TRUSS LAYOUT PRIOR TO FABRICATION.

THIS COMPANY IS A TRUSS MANUFACTURER WHOSE RESPONSIBILITIES ARE LIMITED TO THOSE DESCRIBED IN WTCA 1-1995 "DESIGN RESPONSIBILITIES". ACCORDINGLY, IT DISCLAIMS ANY RESPONSIBILITIES AND/OR LIABILITY FOR THE CONSTRUCTION DESIGN, DRAWINGS, DOCUMENTS INCLUDING THE INSTALLATION, AND BRACING OF TRUSSES MANUFACTURED BY THIS COMPANY.

Customer: DRB Raleigh

Job Name: The Farm at Neill's Creek Lot 00.0044 OWF

Lot #:

Model Name: Devon



Third-Party Quality Assurance Licensee
TPI Plant W974

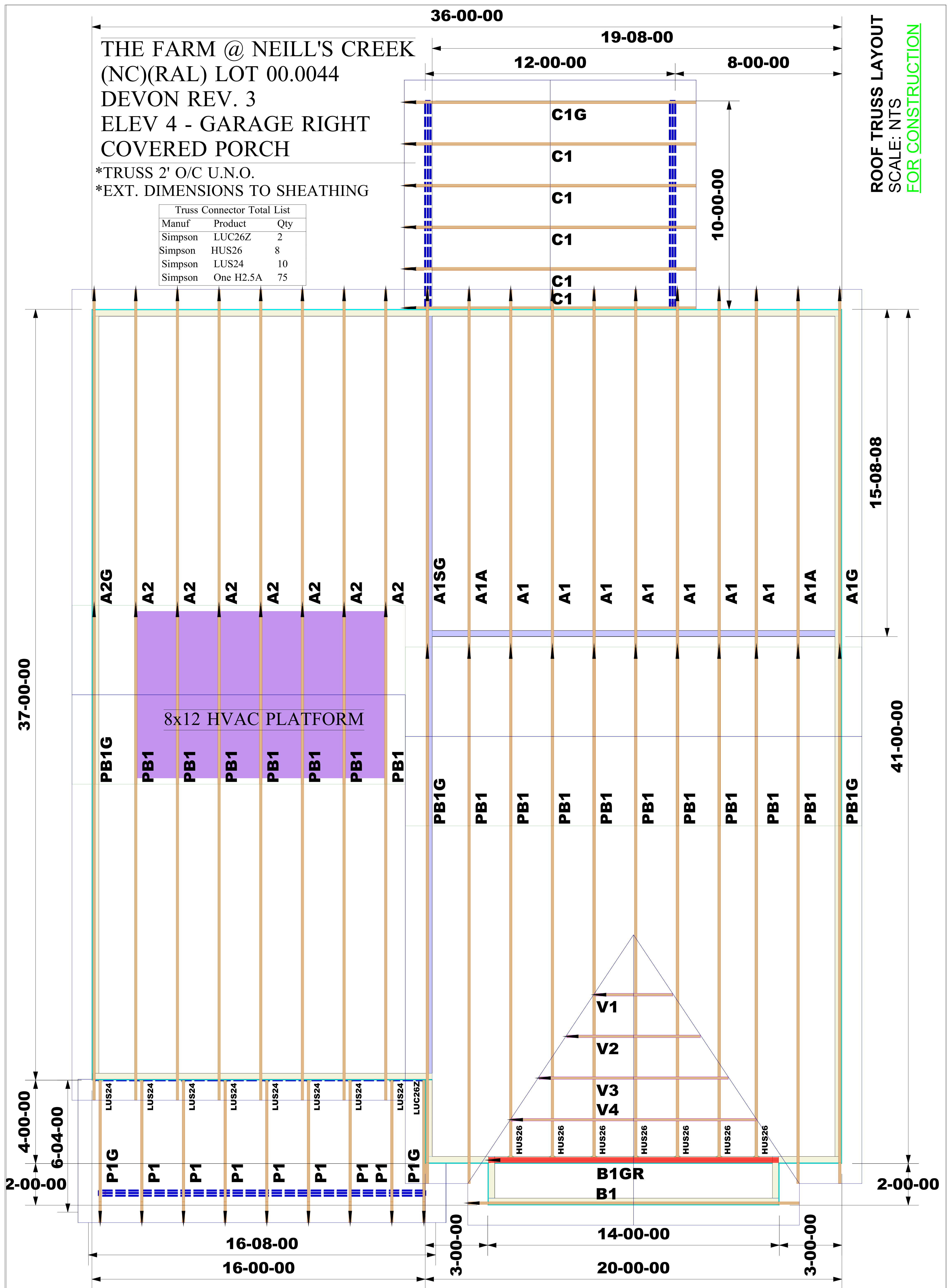
Structural, LLC
201 Poplar Avenue
Thurmont, MD 21788
Phone: 301-271-7591



ROOF TRUSS LAYOUT
SCALE: NTS
FOR CONSTRUCTION

*EXT. DIMENSIONS TO SHEATHING

Truss Connector Total List		
Manuf	Product	Qty
Simpson	LUC26Z	2
Simpson	HUS26	8
Simpson	LUS24	10
Simpson	One H2.5A	75



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Thurmont, MD 21788
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