

MIDDLETON-RALE

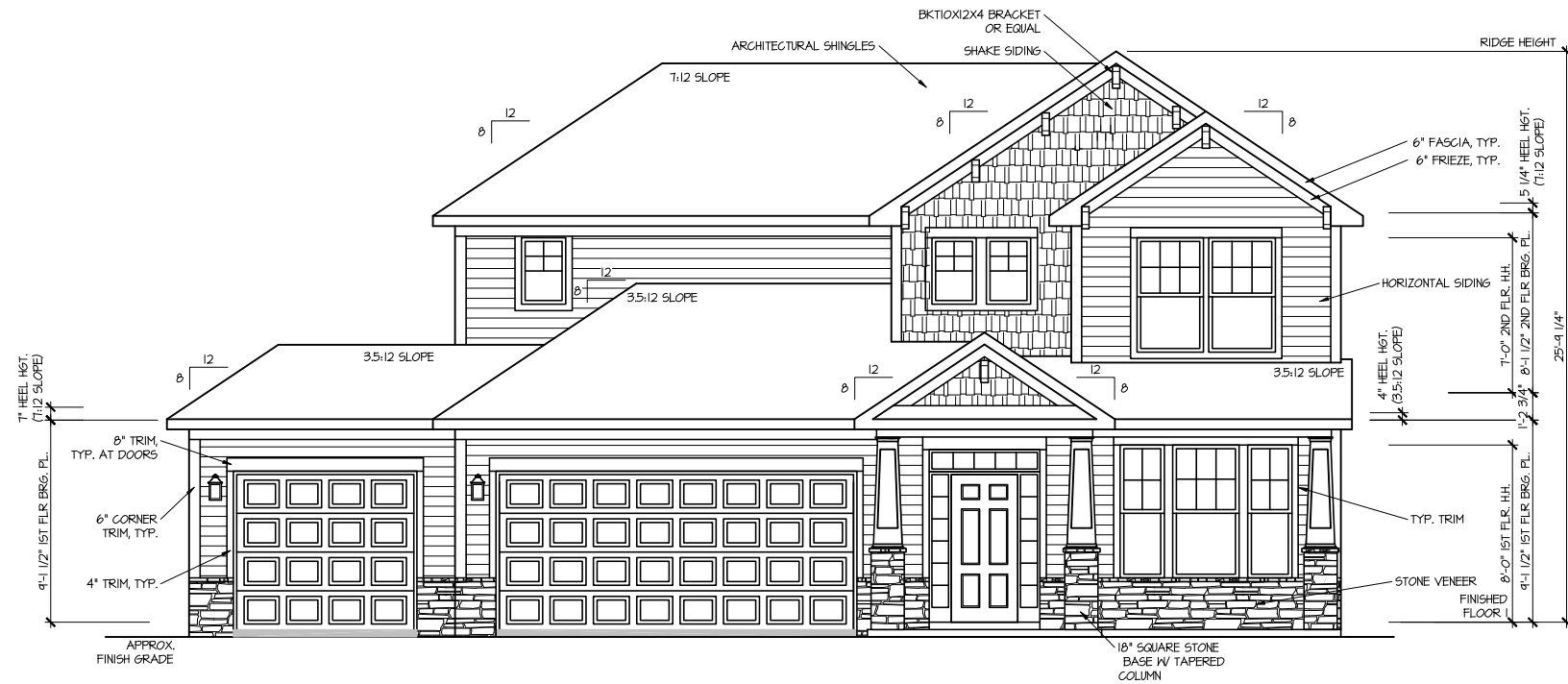
RALEIGH - LOT 00.0144 THE FARM AT NEILL'S CREEK
(MODEL# 2183)

ELEVATION 10- GL

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 below it.

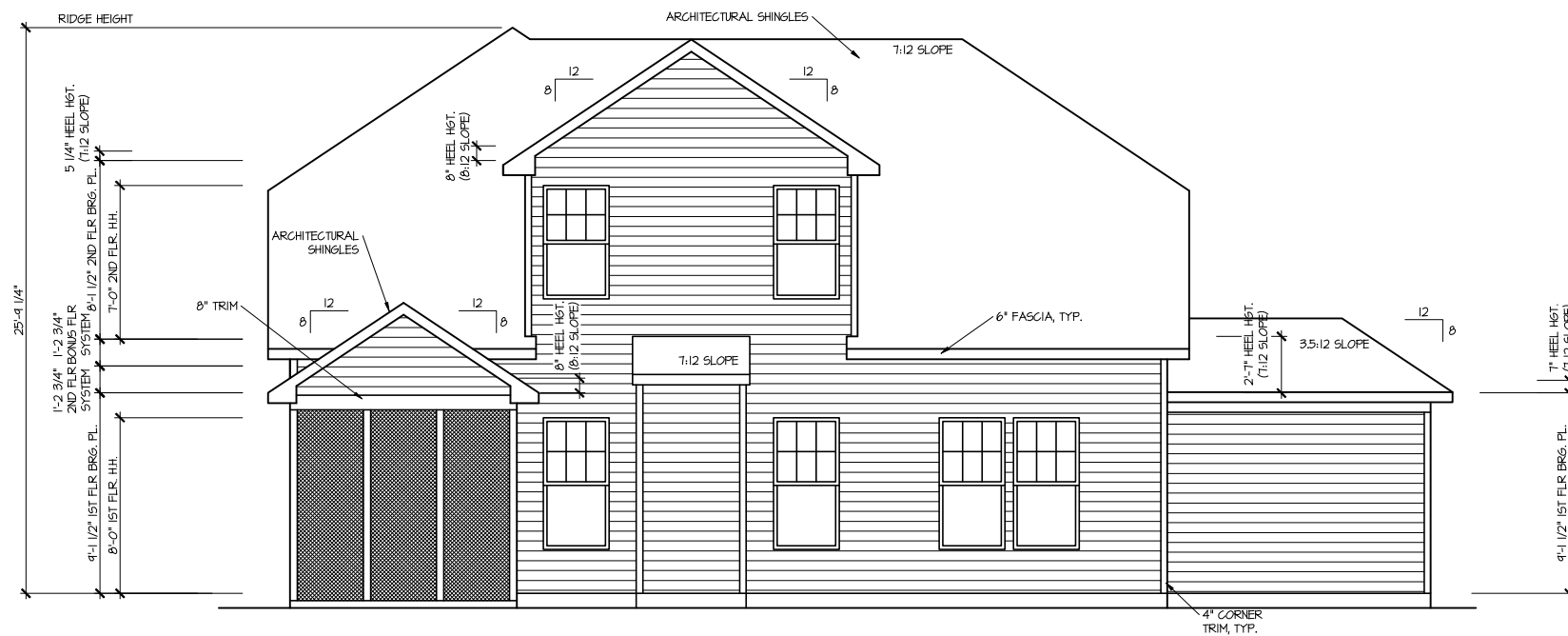
131 Green Tractor Drive

[illegible][illegible][illegible]



FRONT ELEVATION 10

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



REAR ELEVATION 10

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

MASTER PLAN INFORMATION

REVISION	DATE	UPDATED DATE
2 - RALE	03-20-2024	09-23-2024

DRAWN BY:
ITS

DATE:
08/15/2025

PLAN NO.
2183

DRB
HOMES

HOUSE NAME:
MIDDLETON

DRAWING TITLE

FRONT & REAR ELEVATIONS

SHEET No.

A.1



DRAWN BY: ITS
DATE: 08/15/2025
PLAN NO. 2183



HOUSE NAME: **MIDDLETON**

DRAWING TITLE: **RIGHT & LEFT ELEVATIONS**

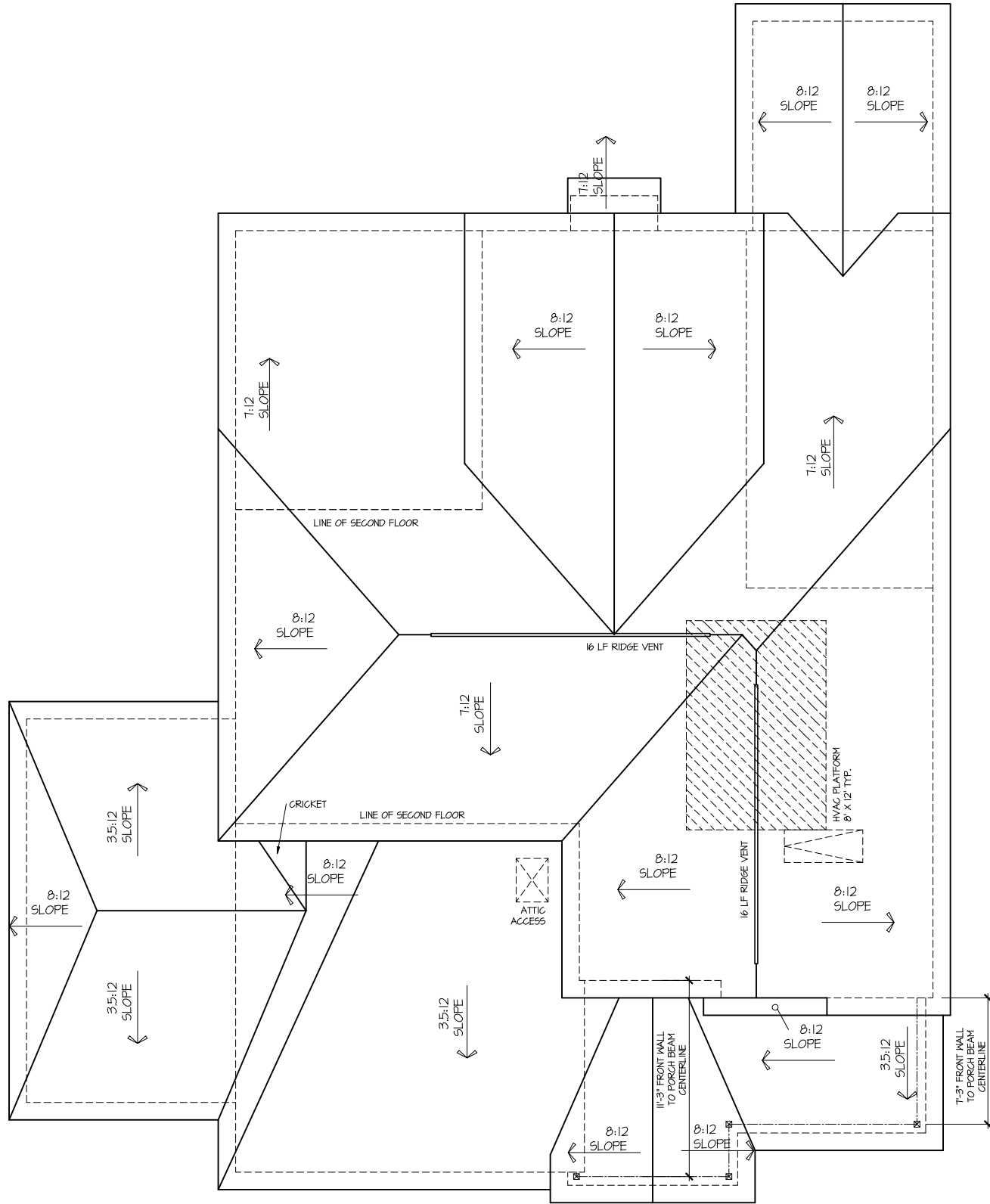
SHEET No.
A1.2

FILE: Lot 00.0144.dwg DATE: 8/15/2025 10:44 AM

ROOF VENTILATION CALCULATIONS:
ROOF AREA = 1727 SQ. FT.
OVERALL REQUIRED VENTILATION:
1 TO 50 = 11.51 SQ. FT.
1 TO 300 = 5.16 SQ. FT.
50-80% IN TOP THIRD = 2.88 - 4.61 SQ. FT. (1 TO 300)
NET FREE AREA OF VENTED SOFFIT = 5.1 SQ. IN. / LINEAR FT.
NET FREE AREA OF RIDGE VENT = 10 SQ. IN. / LINEAR FT.
LOWER VENTING: (BOTTOM 2/3 RIDGE)
14 LINEAR FEET OF SOFFIT X 5.1 SQ. IN. = 4.71 SQ. FT.
UPPER VENTING: (TOP 1/3 RIDGE)
32 LINEAR FEET OF RIDGE X 10 SQ. IN. = 4.0 SQ. FT.
4.00 SQ. FT. BETWEEN 50% - 80%
(1 TO 300 ALLOWED)
TOTAL ROOF VENTILATION: 8.71 SQ. FT. > 5.16 SQ. FT. (REQ'D)

ROOF PLAN ELEV. 10

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



MASTER PLAN INFORMATION

REVISION	DATE	UPDATED DATE
2 - RALE	03-20-2024	09-23-2024

DRAWN BY:
ITS

DATE:
08/15/2025

PLAN NO.
2183

DRB
HOMES

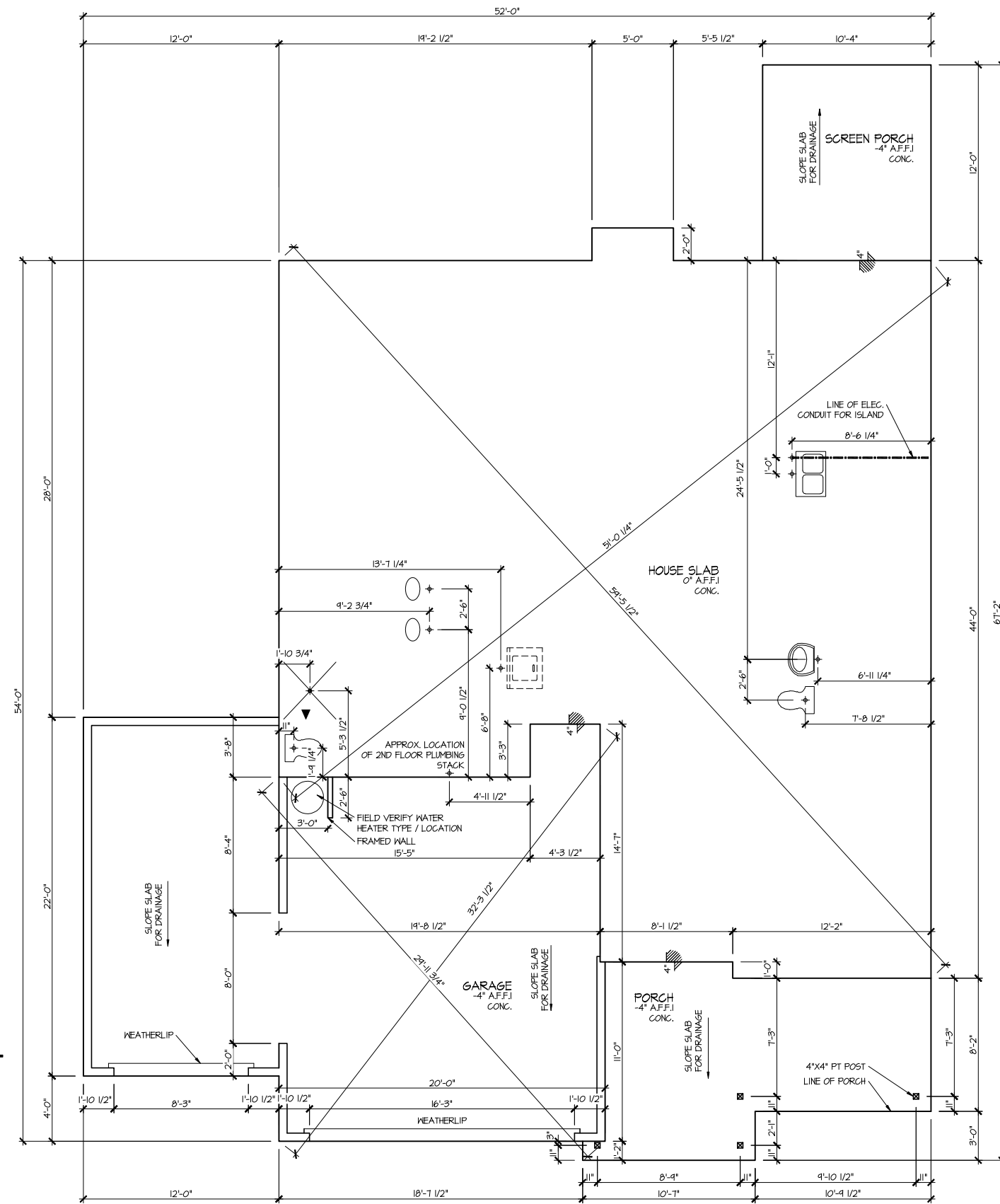
HOUSE NAME:
MIDDLETON

DRAWING TITLE
ROOF PLAN

SHEET No.

A13

ELEVATION 10
SLAB PLAN
SCALE: 1/8" = 1'-0"



MASTER PLAN INFORMATION		
REVISION	DATE	UPDATED DATE
2-RALE	03-20-2024	09-23-2024

DRAWN BY:	ITS
DATE:	08/15/2025
PLAN NO.	2183



HOUSE NAME:
MIDDLETON
DRAWING TITLE
SLAB PLAN

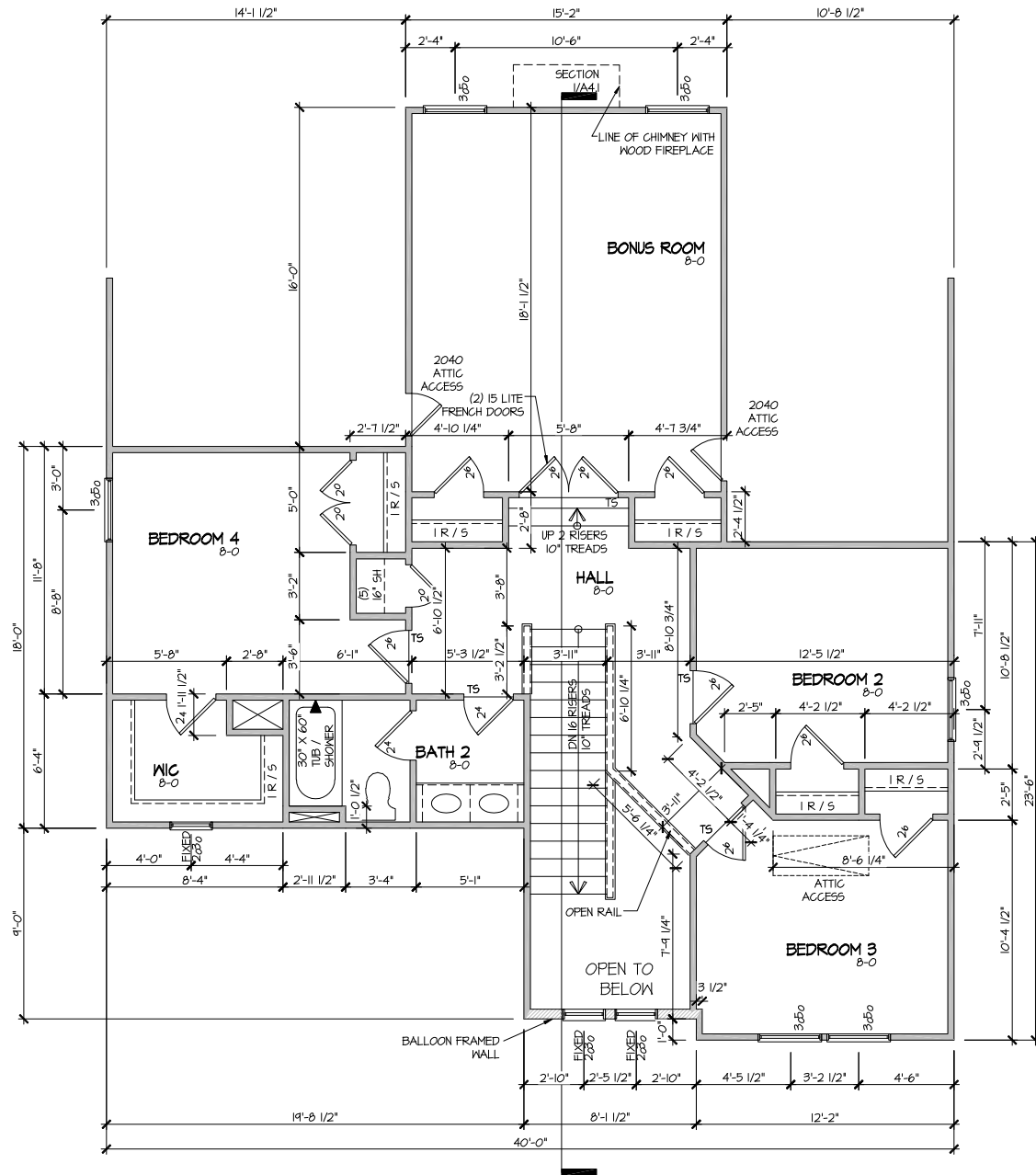
SHEET No. A2.1



MASTER PLAN INFORMATION	
REVISION	DATE
2 - RALE	03-20-2024

DRAWN BY:	ITS
DATE:	08/15/2025
PLAN NO.	2183





ELEVATION 10
SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

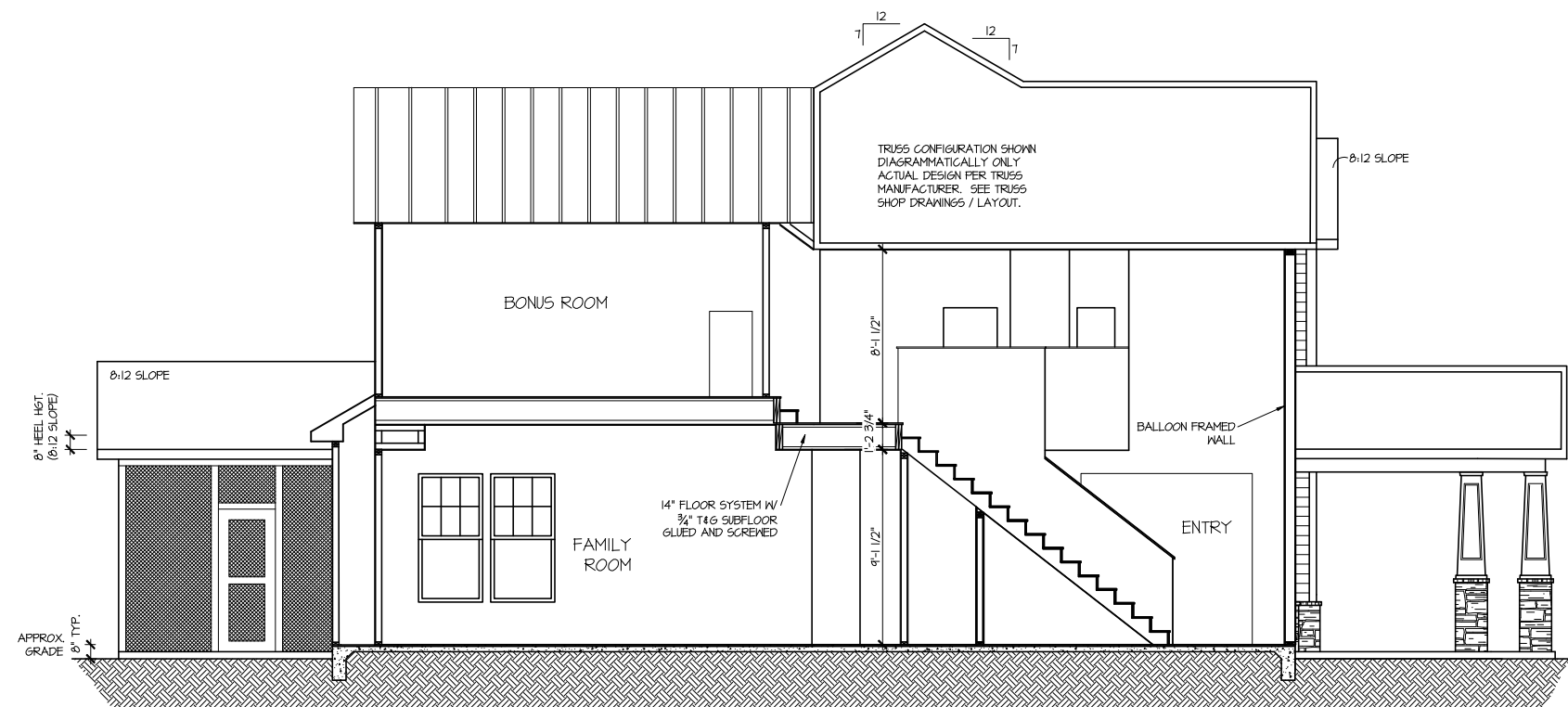
MASTER PLAN INFORMATION		
REVISION	DATE	UPDATED DATE
2 - RALE	03-20-2024	09-23-2024

DRAWN BY:	ITS
DATE:	08/15/2025
PLAN NO.	2183



HOUSE NAME:	MIDDLETON
DRAWING TITLE	SECOND FLOOR PLAN

SHEET No.
A3.2



SECTION I

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

MASTER PLAN INFORMATION		
REVISION	DATE	UPDATED DATE
2-RALE	03-20-2024	09-23-2024

DRAWN BY:	ITS
DATE:	08/15/2025
PLAN NO.	2183

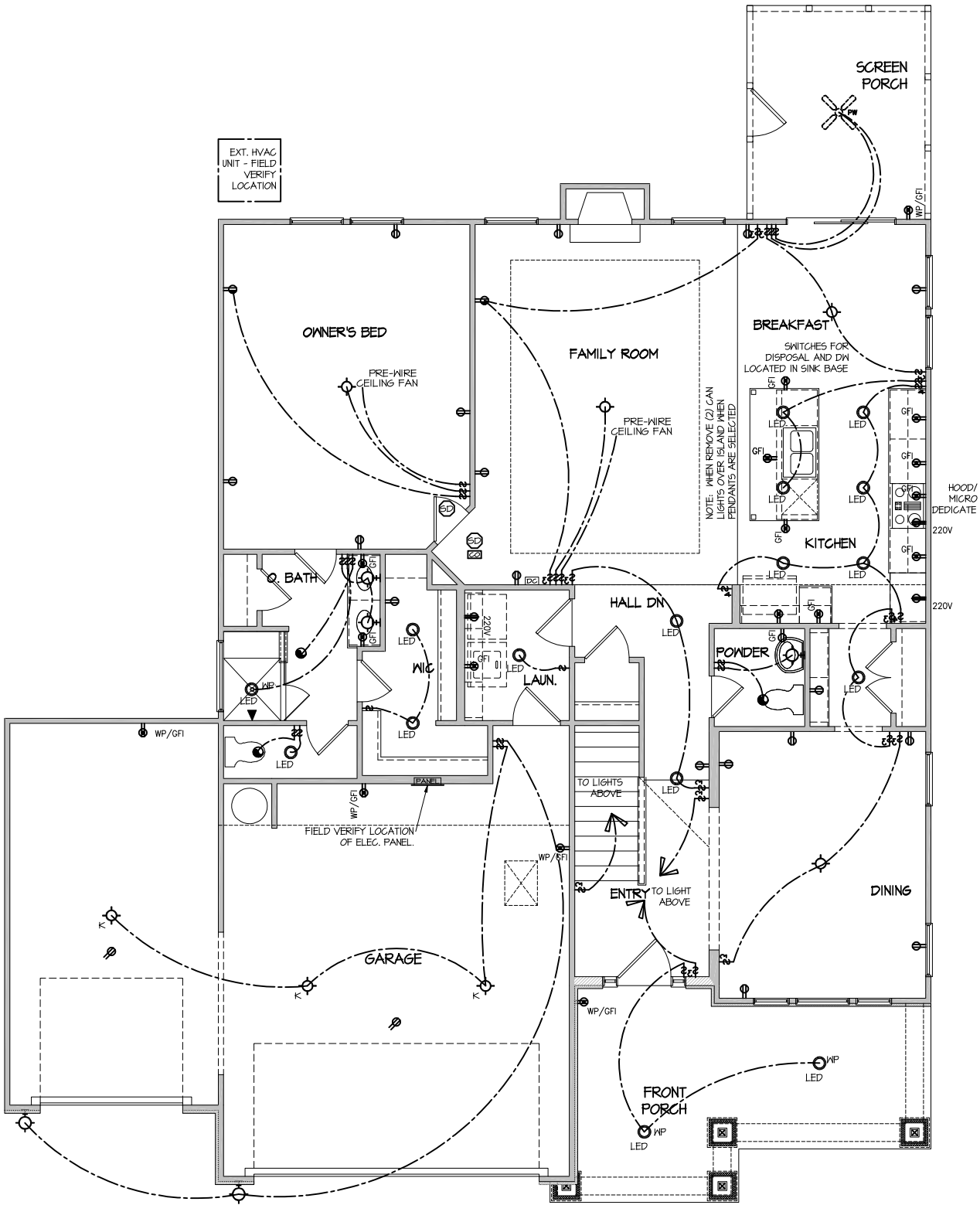


HOUSE NAME:
MIDDLETON
DRAWING TITLE
BUILDING SECTION

SHEET No. 44

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
	PULLCHAIN 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. 10
SCALE: 1/8" = 1'-0"

FILE: Lot_00.0144.dwg DATE: 8/15/2025 10:44 AM

MASTER PLAN INFORMATION	
DATE	03-20-2024
REVISION	2-RALE
UPDATED DATE	09-23-2024

DRAWN BY:	ITS
DATE:	08/15/2025
PLAN NO.	2183

DRB
HOMES

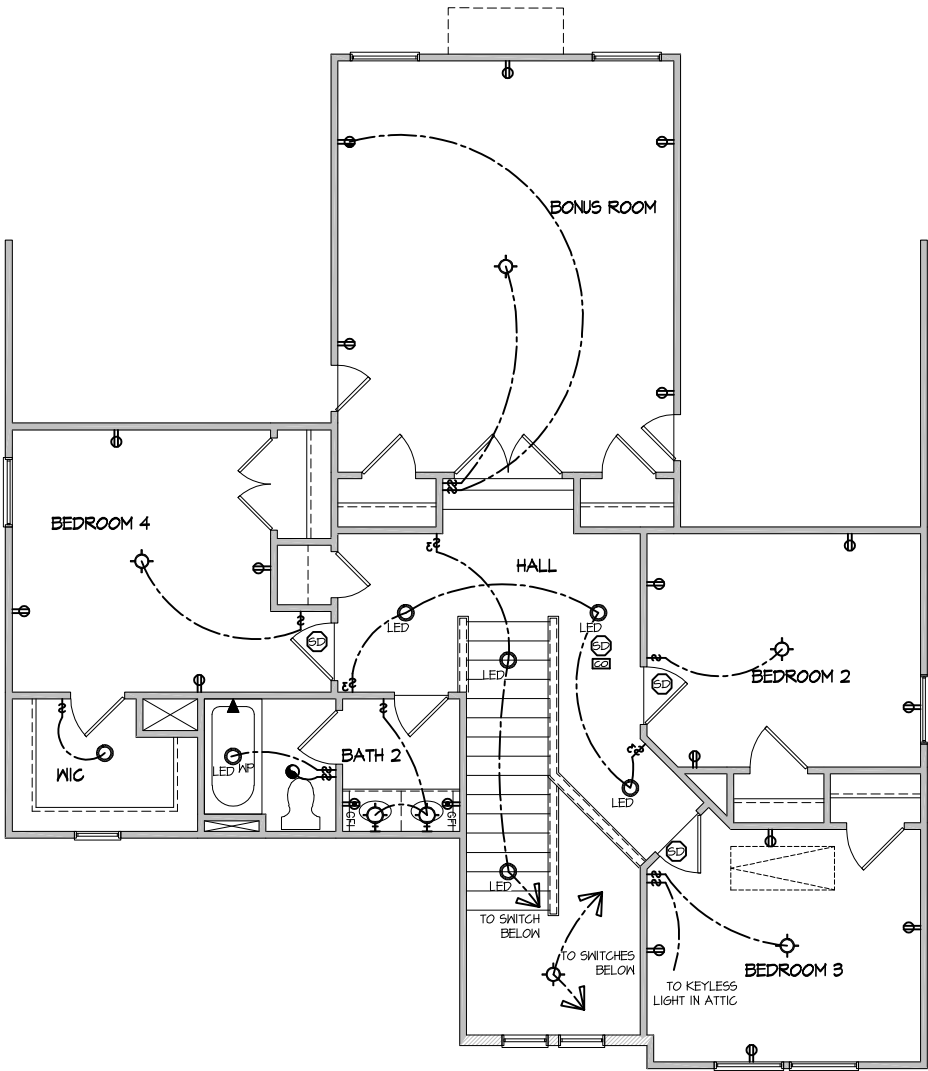
HOUSE NAME:
MIDDLETON
DRAWING TITLE
FIRST FLOOR ELECTRICAL

SHEET No.
1

FILE: Lot_00.0144.dwg DATE: 8/15/2025 10:44 AM

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
	PULLCHAIN 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. 10
SCALE: 1/8" = 1'-0"

MASTER PLAN INFORMATION	
DATE	03-20-2024
REVISION	2-RALE
UPDATED DATE	09-23-2024

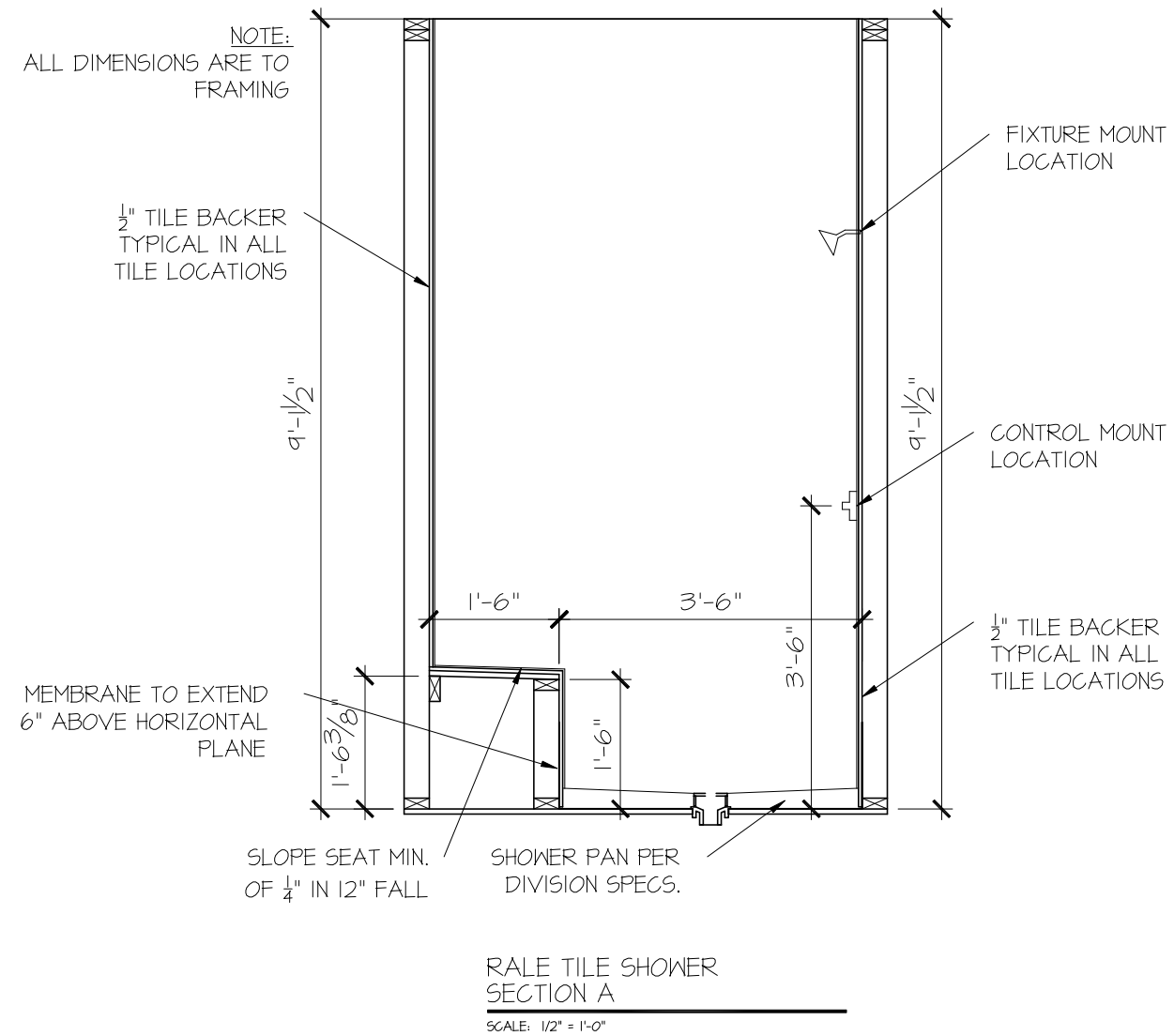
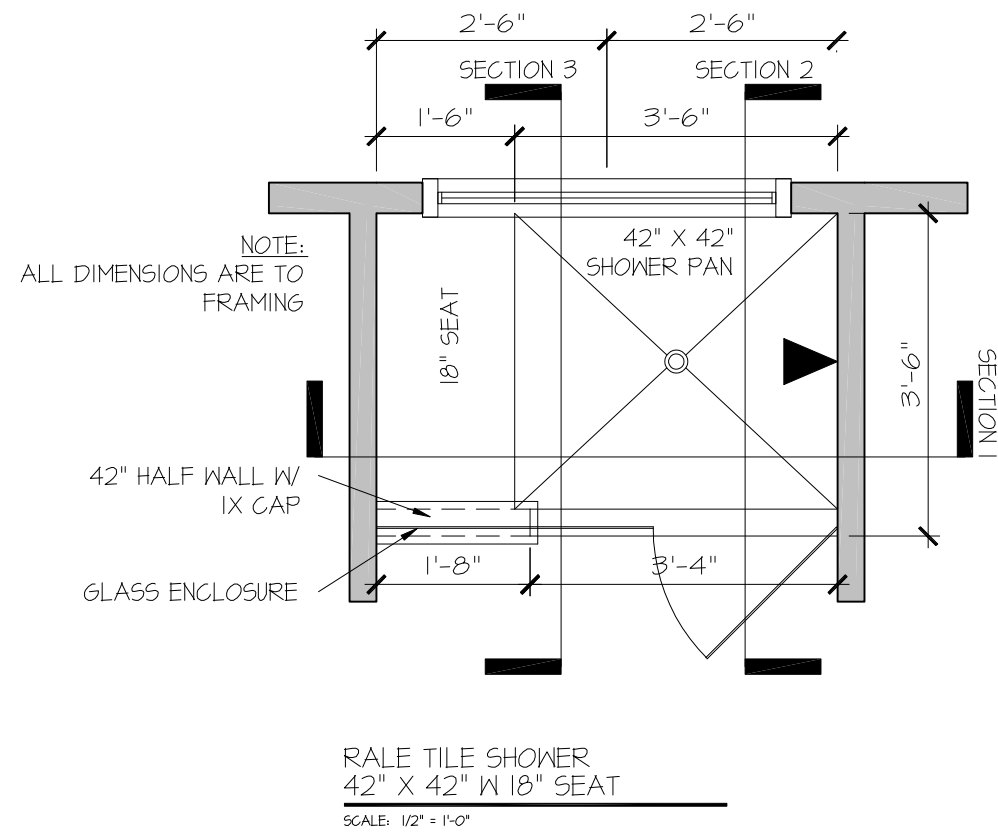
DRAWN BY:	ITS
DATE:	08/15/2025
PLAN NO.	2183



HOUSE NAME:	MIDDLETON
DRAWING TITLE	SECOND FLOOR ELECTRICAL

SHEET No.	1.2
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FILE: RALE TILE SHOWER DETAIL 8-2022.dwg DATE: 09-19-2022



CONSULTANT LOGO

SEAL

DRAWN BY:
L. BEAVERS
DATE: 9/1/22
PLAN NO.
11 X 17 SCALE
24 X 36 SCALE

DRB
HOMES

HOUSE NAME:

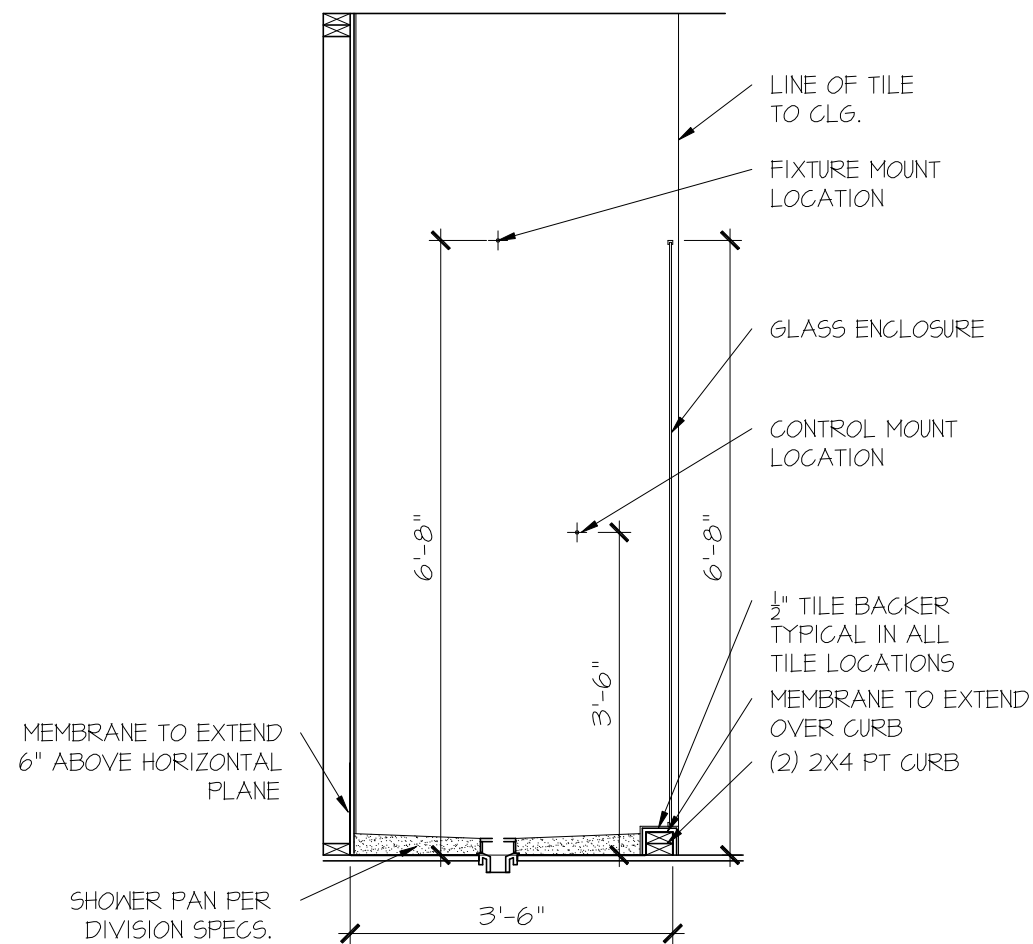
DRAWING TITLE

RALE TILE SHOWER DETAIL

SHEET No.

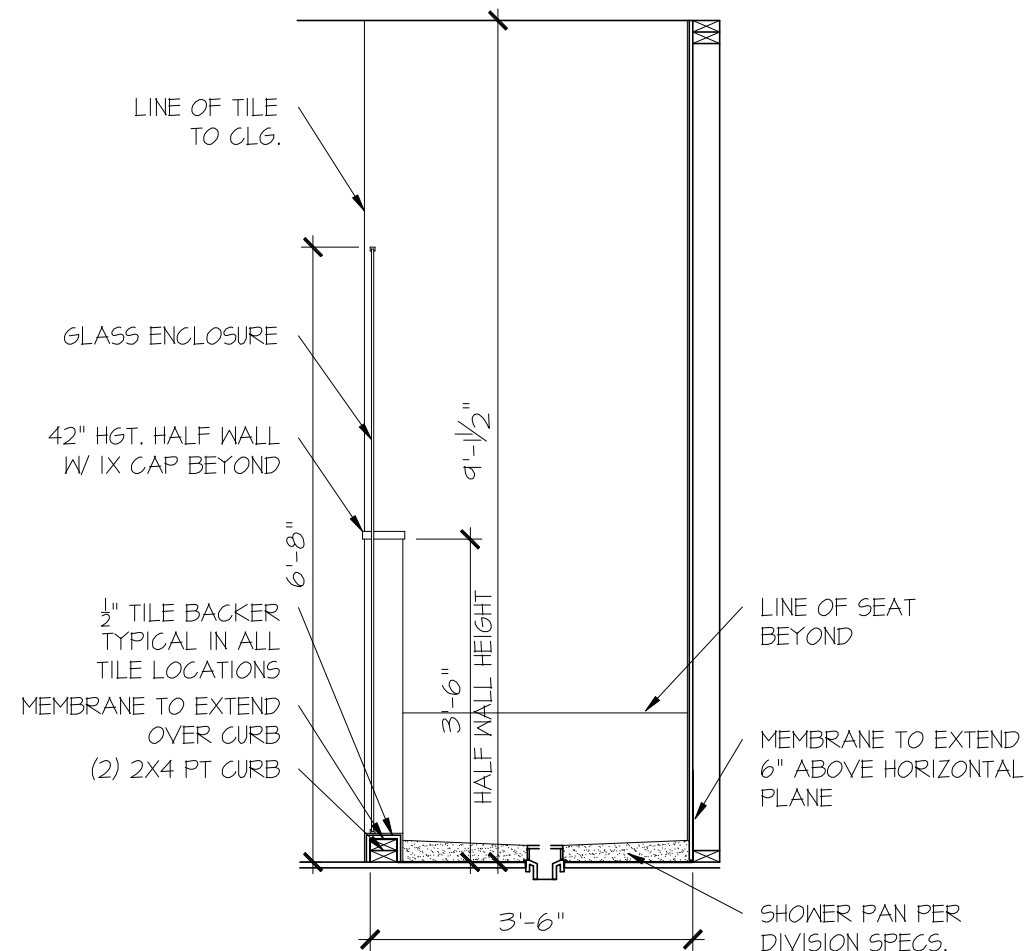
0111

FILE: RALE TILE SHOWER DETAIL 8-2022.dwg DATE: 09-19-2022



RALE TILE SHOWER
SECTION B

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



RALE TILE SHOWER
SECTION C

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

CONSULTANT LOGO

SEAL

DRAWN BY:
L. BEAVERS
DATE: 9/1/22
PLAN NO.
11 X 17 SCALE
24 X 36 SCALE

DRB
HOMES

HOUSE NAME:

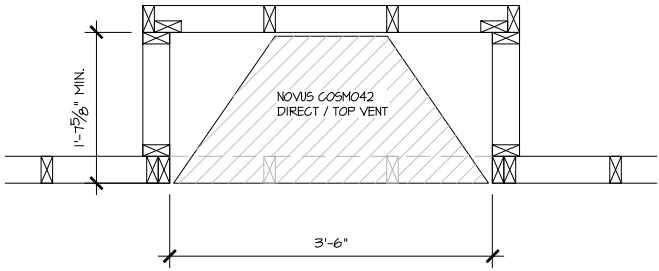
DRAWING TITLE

RALE TILE SHOWER DETAIL

SHEET No.

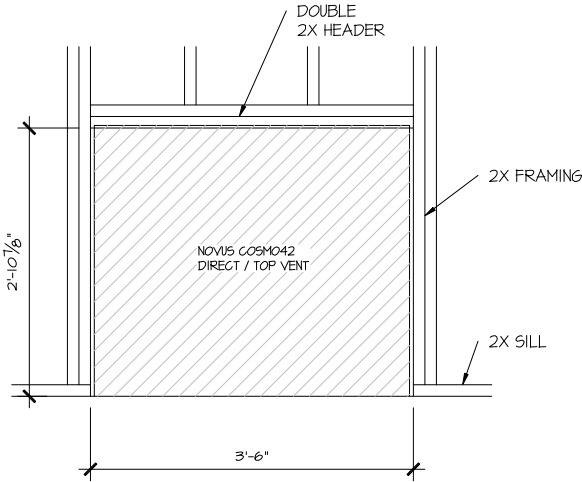
P.I.1.2

ALL DIMENSIONS
ARE TO FRAMING



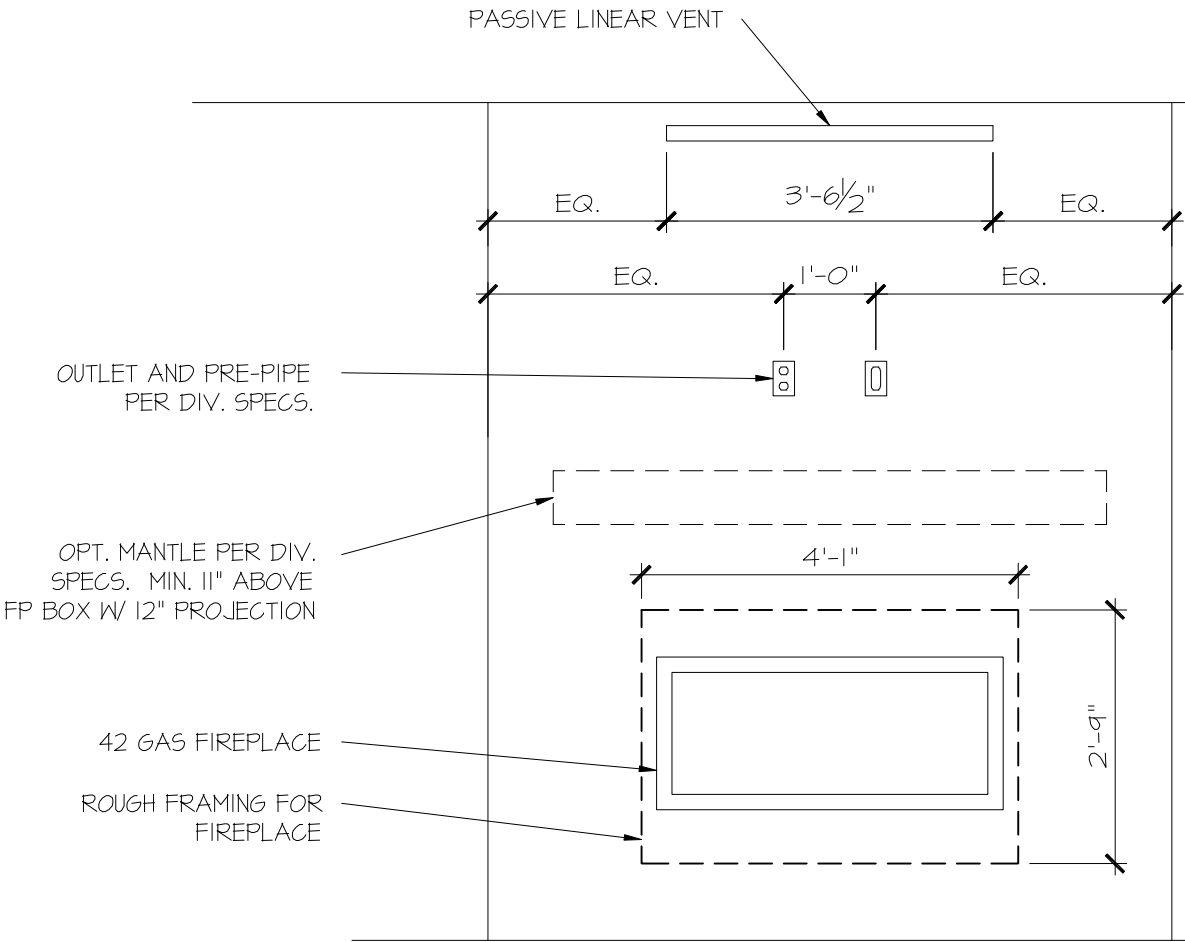
PARTIAL PLAN
NOVUS COSMO42

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



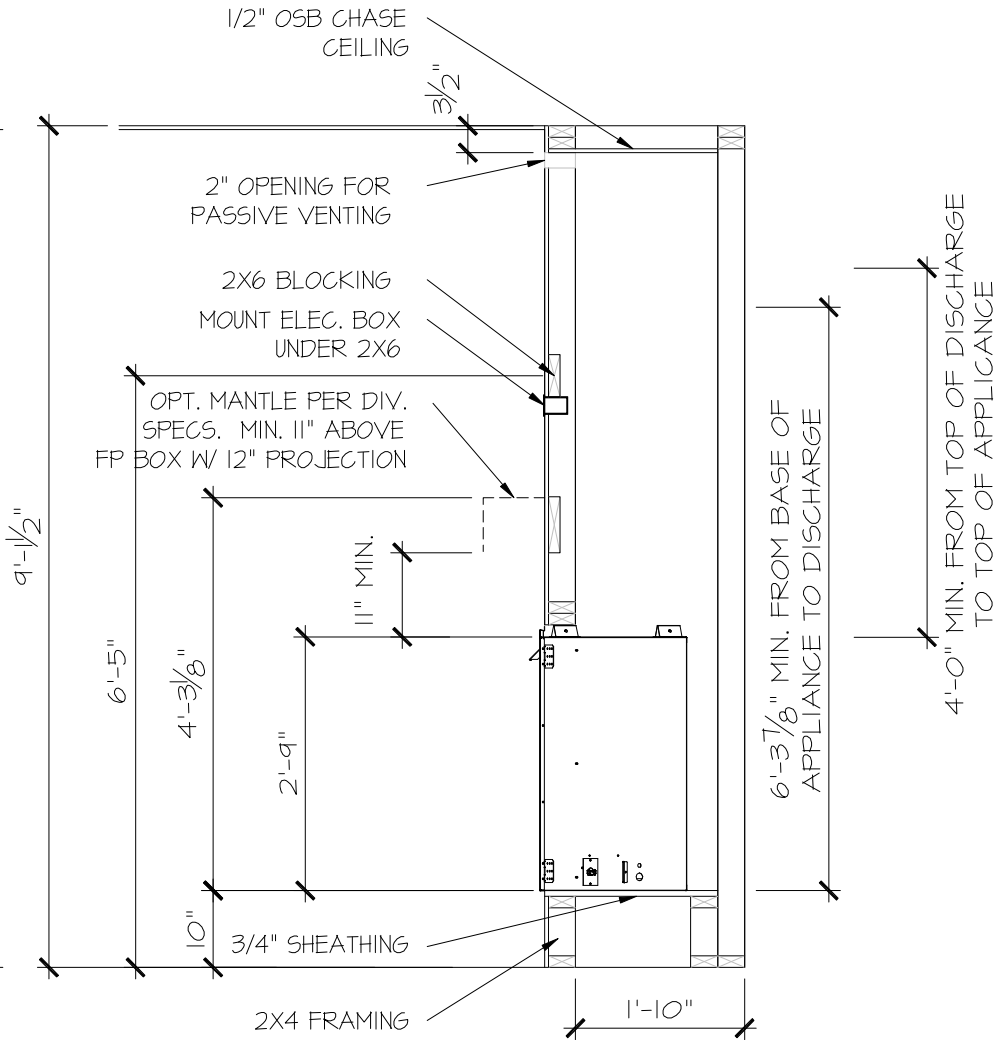
PARTIAL ELEVATION
NOVUS COSMO42

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



PARTIAL ELEVATION
NOVUS COSMO42

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



PARTIAL SECTION
NOVUS COSMO42

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

CONSULTANT LOGO

SEAL

DRAWN BY:
L. BEAVERS
DATE:
11-8-23
PLAN NO.
N/A
11 X 17 SCALE
24 X 36 SCALE

DRB
HOMES

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

SHEET No.
10.1



Project mgr: JTR
Drawn by: NLD
Issue date: 08-27-25








FOUNDATION PLANS
FARM AT NEIL'S CREEK
LOT 144 - MIDDLETON 10
RALEIGH, NC

Sheet:

\$1.0



LEGEND

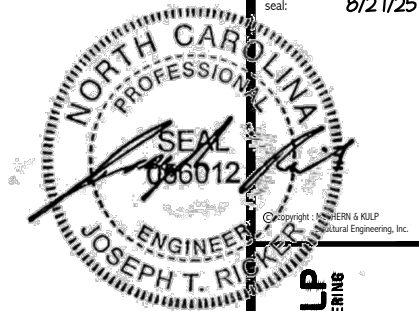
-  INTERIOR BEARING WALL
-  BEARING WALL ABOVE
-  BEAM / HEADER
-  INDICATES SHEAR WALL & EXTENT
-  EXTENT OF OVERFRAMING

⊥ 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**



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P: 724-596-8881 • E: mulhern@mulhernkulp.com



NC LICENSE #C-3825

M&K project number:
126-22076

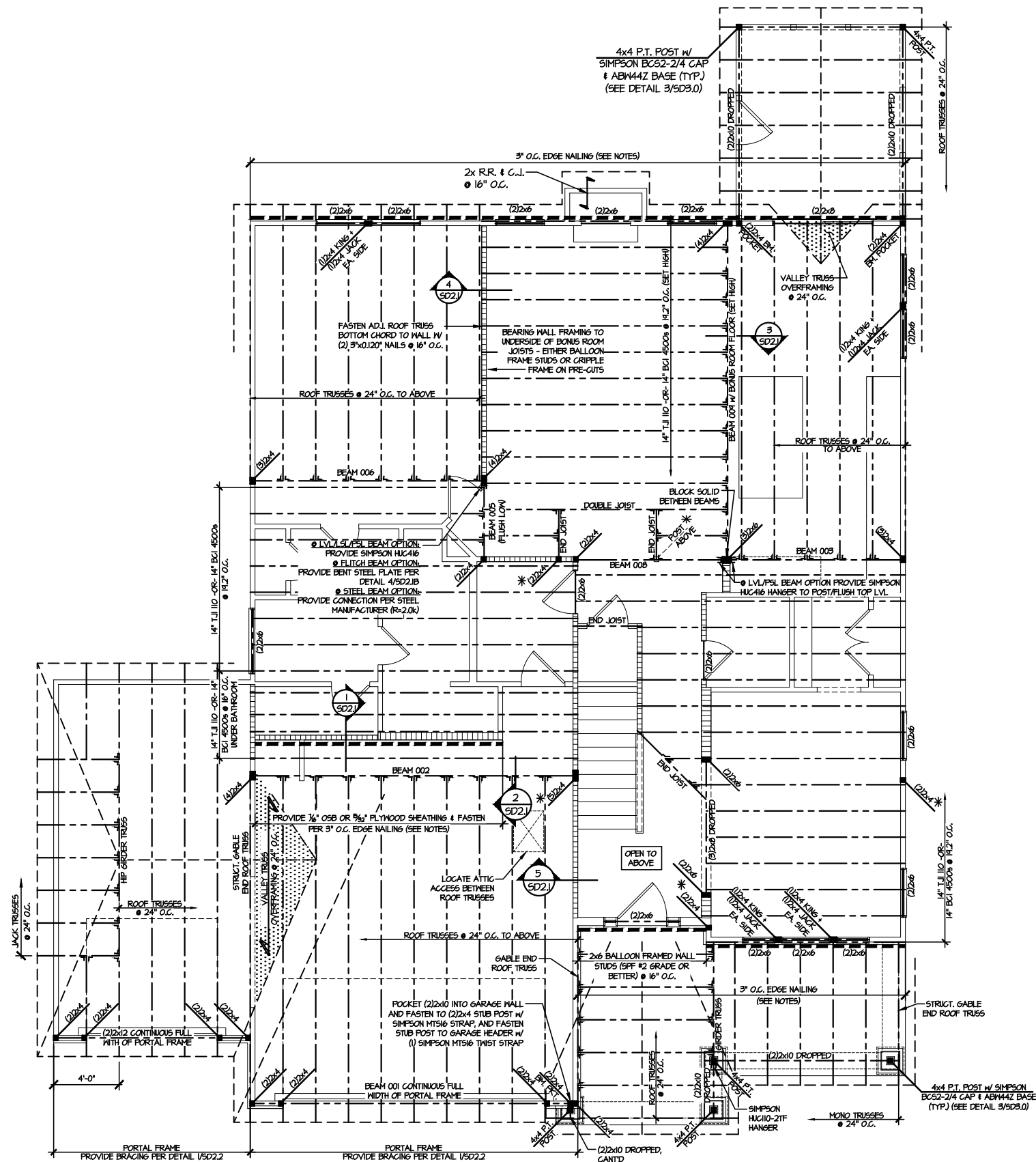
project mgr: JTR
drawn by: NLD
issue date: 08-27-25

REVISIONS:
date: initial:

DRB
HOMES

FLOOR FRAMING PLANS
FARM AT NEIL'S CREEK
LOT 144 - MIDDLETON 10
RALEIGH, NC

sheet:
S2.0



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

ENGINEERED BEAM MATERIAL SCHEDULE

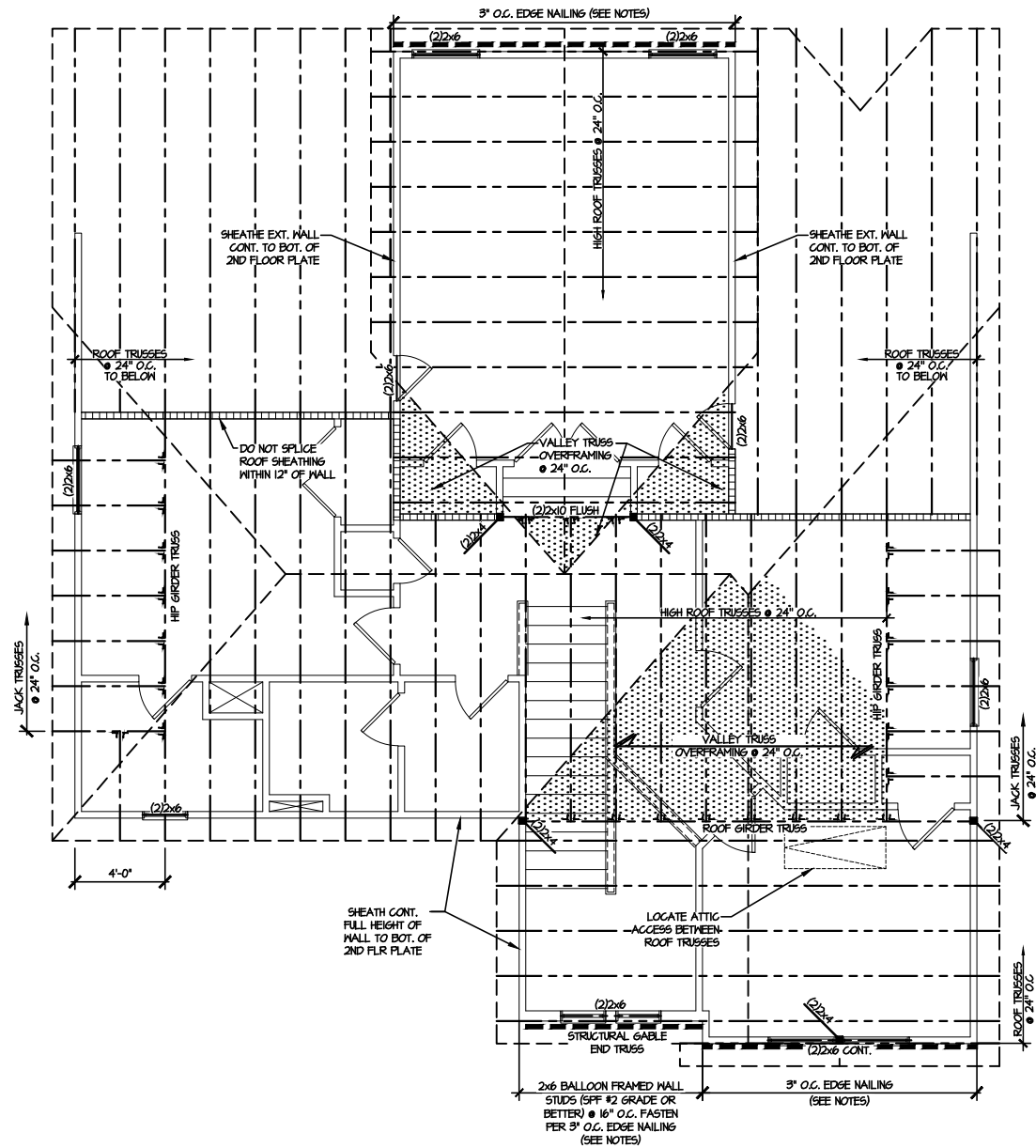
BEAM NUMBER	LVL OPTION	PSL OPTION	LSL OPTION	FLITCH OPTION	STEEL OPTION
001	(2)3/4"x11 1/8" - H	3/2"x11 1/8" - H	(2)3/4"x11 1/8" - H	(2)2x12 + (1) 1/2"x11 1/8" STEEL FLITCH PLATE - H	N/A
001A	(2)3/4"x11 1/8" - H	3/2"x11 1/8" - H	(2)3/4"x11 1/8" - H	(2)2x12 + (1) 1/2"x11 1/8" STEEL FLITCH PLATE - H	N/A
002	(2)3/4"x10" - FT	3/4"x10" - FT	N/A	(3)2x12 + (2) 1/2"x10" STEEL FLITCH PLATES - FB	W12x14 - F
003	(2)3/4"x14" - F	3/2"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 1/2"x14" STEEL FLITCH PLATE - FB	W12x14 - F
004	(2)3/4"x14" - F	3/2"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 1/2"x14" STEEL FLITCH PLATE - FB	W12x14 - F
005	(2)3/4"x14" - F	3/2"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 1/2"x14" STEEL FLITCH PLATE - FB	W12x14 - F
006	(2)3/4"x14" - F	3/2"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 1/2"x14" STEEL FLITCH PLATE - FB	W12x14 - F
007	(2)3/4"x11 1/8" - F	3/2"x11 1/8" - F	(2)3/4"x11 1/8" - F	(2)2x12 + (1) 1/2"x11 1/8" STEEL FLITCH PLATE - F	W10x12 - F
008	(2)3/4"x14" - F	3/2"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 1/2"x14" STEEL FLITCH PLATE - FB	W12x14 - F
009	(3)3/4"x10" - FT	3/4"x10" - FT	N/A	(4)2x12 + (3) 1/2"x10" STEEL FLITCH PLATES - FB	W12x26 - F
010	(3)3/4"x20" - FT	3/4"x20" - FT	N/A	(4)2x12 + (3) 1/2"x20" STEEL FLITCH PLATES - FB	W12x35 - F
011	(2)3/4"x11 1/8" - FB	3/2"x11 1/8" - FB	(2)3/4"x14" - FB	(2)2x12 + (1) 1/2"x11 1/8" STEEL FLITCH PLATE - FB	W10x12 - FB

- 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.

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 SO.O FOR
TYPICAL STRUCTURAL NOTES
& SCHEDULES

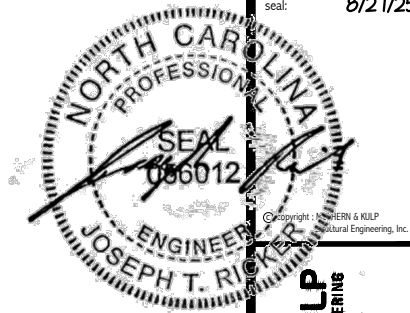


1 HIGH ROOF FRAMING PLAN
SCALE: 1/8"=1'-0"

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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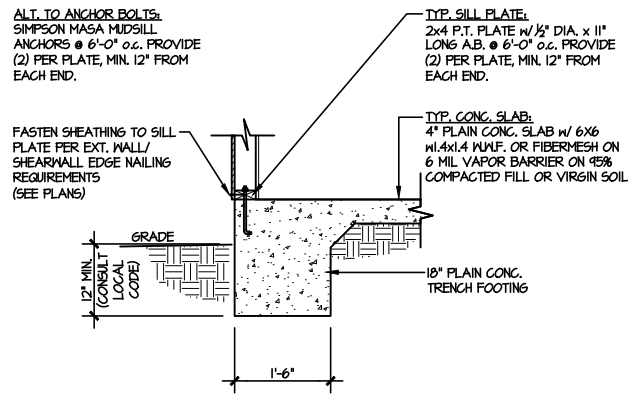
NC LICENSE #C-3825

M&K project number:	126-22076
project mgr:	JTR
drawn by:	NLD
issue date:	08-27-25
REVISIONS:	
date:	initial:

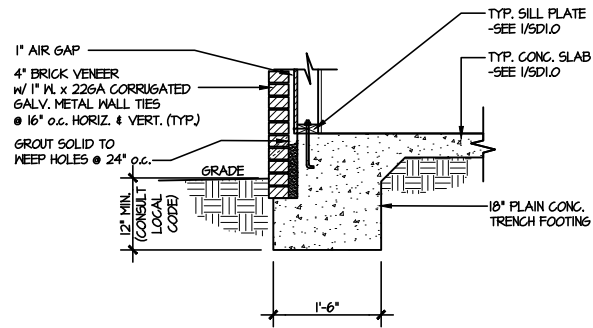


ROOF FRAMING PLANS
FARM AT NEIL'S CREEK
LOT 144 - MIDDLETON 10
RALEIGH, NC

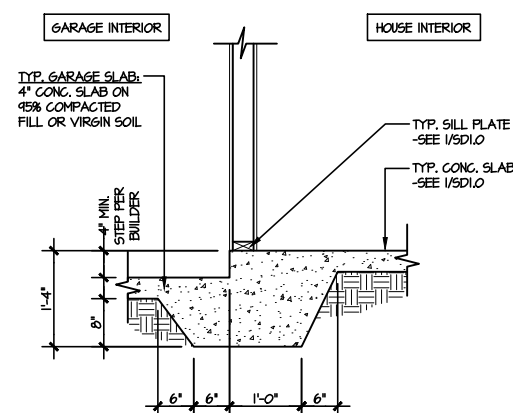
FILE: RLH - Neil's Creek - Lot 144 - Structural DATE: 8/27/2025 9:15 AM



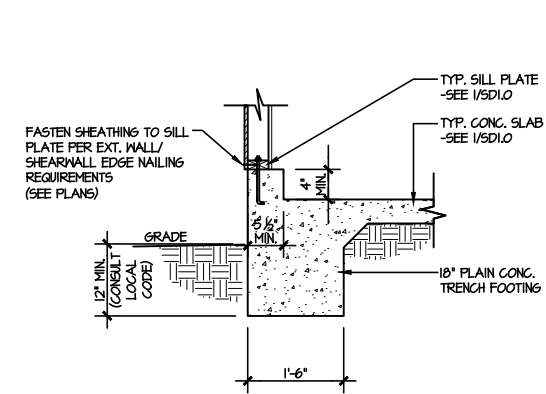
1 TYPICAL SLAB ON GRADE
PERIMETER FOOTING
SCALE: 3/8"=1'-0"



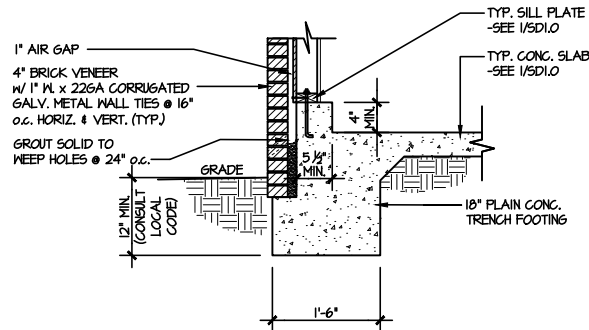
2 TYPICAL SLAB ON GRADE
PERIMETER FOOTING
SCALE: 3/8"=1'-0"



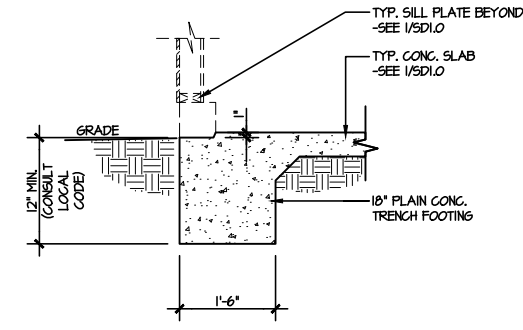
3 TYPICAL MONOLITHIC INTERIOR
GARAGE FOOTING
SCALE: 3/8"=1'-0"



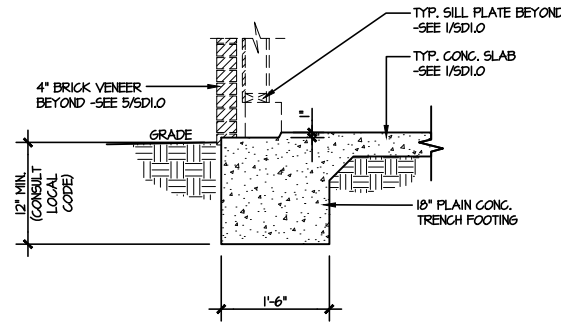
4 TYPICAL SLAB ON GRADE GARAGE
PERIMETER FOOTING
SCALE: 3/8"=1'-0"



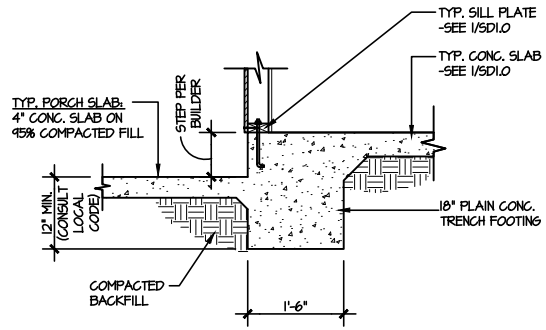
5 TYPICAL SLAB ON GRADE GARAGE
PERIMETER FOOTING
SCALE: 3/8"=1'-0"



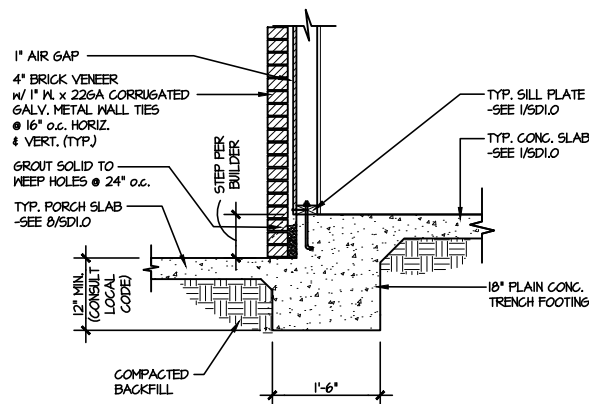
6 TYPICAL SLAB ON GRADE GARAGE
ENTRY @ PERIMETER FOOTING
SCALE: 3/8"=1'-0"



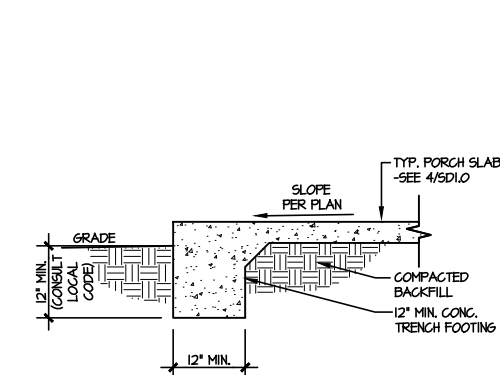
7 TYPICAL SLAB ON GRADE GARAGE
ENTRY @ PERIMETER FOOTING
SCALE: 3/8"=1'-0"



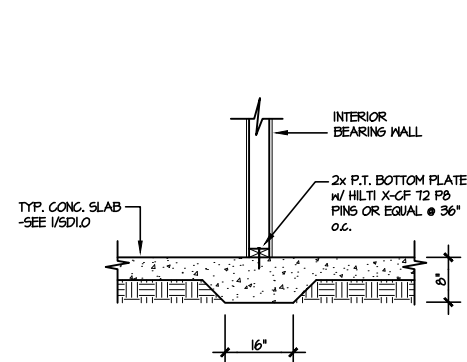
8 TYPICAL SLAB ON GRADE PERIMETER
FOOTING @ PORCH/PATIO
SCALE: 3/8"=1'-0"



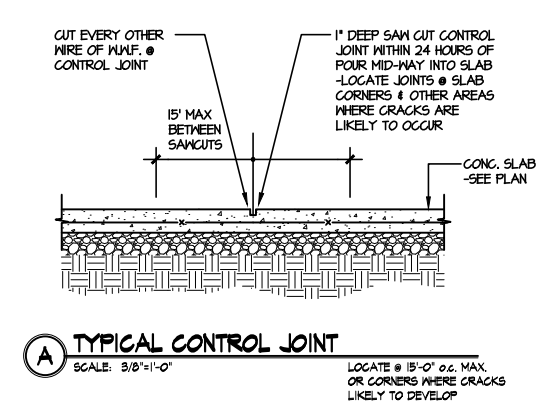
9 TYPICAL SLAB ON GRADE PERIMETER
FOOTING @ PORCH/PATIO
SCALE: 3/8"=1'-0"



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

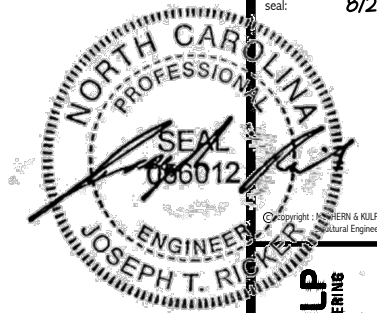


11 TYPICAL THICKENED SLAB @
INTERIOR BEARING WALL
SCALE: 3/8"=1'-0"



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.



8/27/25

MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
3805 Dunsmuir Ave., Building 4 - Asheville, NC 28802
P: 726-596-0383 • mulhern+kulp.com



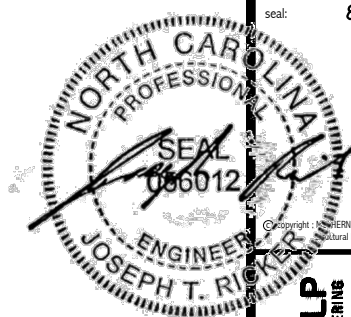
M&K project number:
126-22076
project mgr: JTR
drawn by: NLD
issue date: 08-27-25

REVISIONS:
date: initial:

DRB
HOMES

FOUNDATION DETAILS
FARM AT NEIL'S CREEK
LOT 144 - MIDDLETON 10
RALEIGH, NC

sheet:
SD1.0



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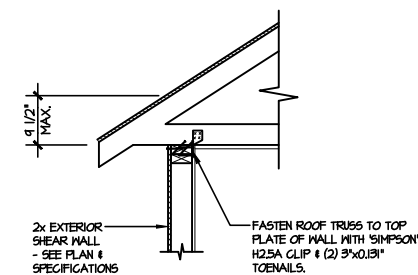
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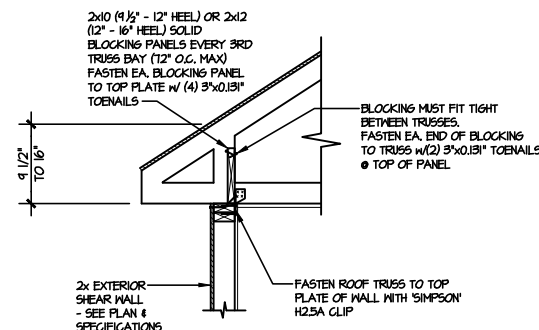
DRB
HOMES

FRAMING DETAILS
FARM AT NEIL'S CREEK
LOT 144 - MIDDLETON 10
RALEIGH, NC

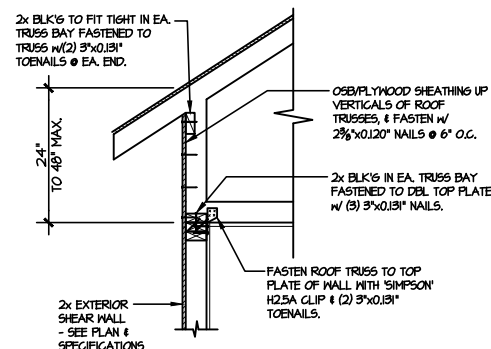
sheet:
SD2.0



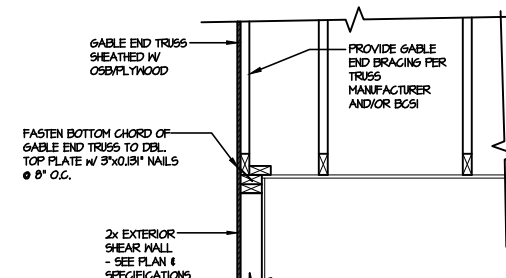
AI **TYPICAL SHEAR TRANSFER DETAIL @ ROOF**
SCALE: 3/8"=1'-0"
HEEL HEIGHT LESS THAN 9 1/2"
NO BLOCKING REQ'D



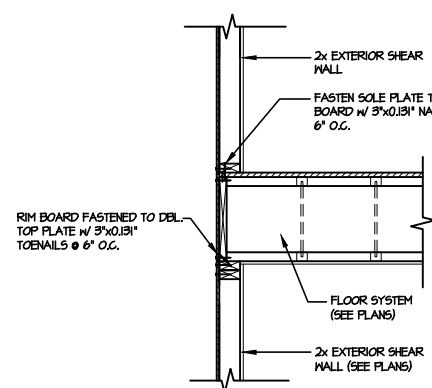
A2 **TYPICAL SHEAR TRANSFER DETAIL @ ROOF**
SCALE: 3/8"=1'-0"
HEEL HEIGHT BETWEEN 9 1/2" - 16"
BLOCKING REQ'D



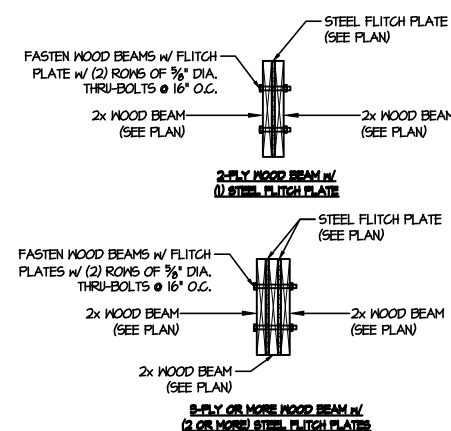
A3 **TYPICAL SHEAR TRANSFER DETAIL @ RAISED HEEL TRUSS**
SCALE: 3/8"=1'-0"
HEEL HEIGHT UP TO 48" MAX.



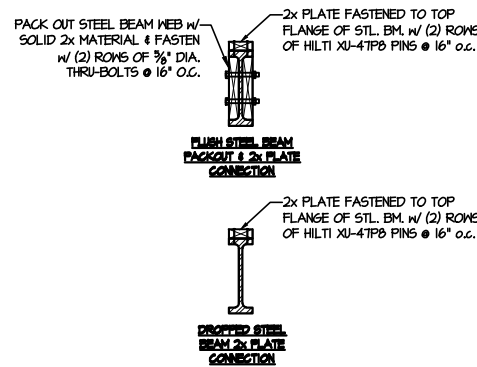
B **TYPICAL GABLE END DETAIL**
SCALE: 3/8"=1'-0"



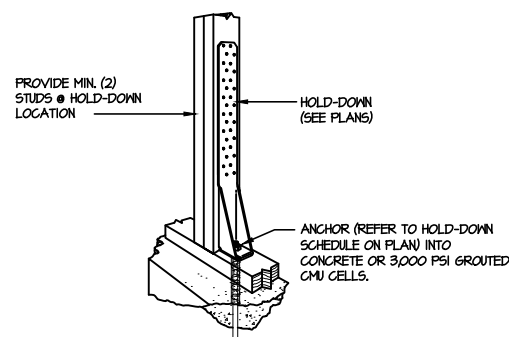
C **TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL**
SCALE: 3/8"=1'-0"



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



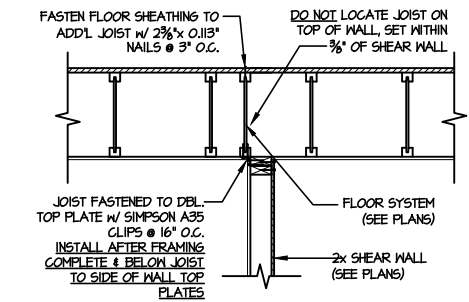
E **TYPICAL STEEL BEAM CONNECTION DETAIL**
SCALE: 3/4"=1'-0"



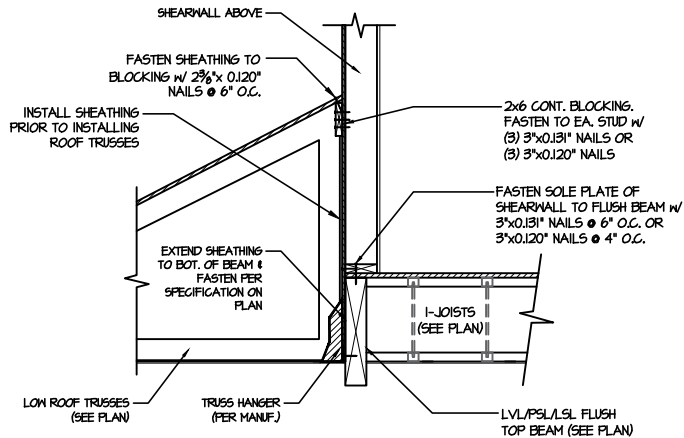
FI **TYPICAL HOLD DOWN INSTALLATION**
SCALE: N.T.S.

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

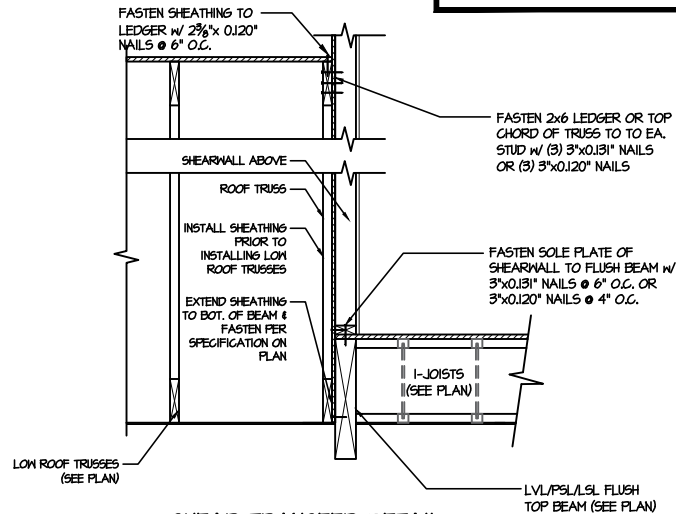
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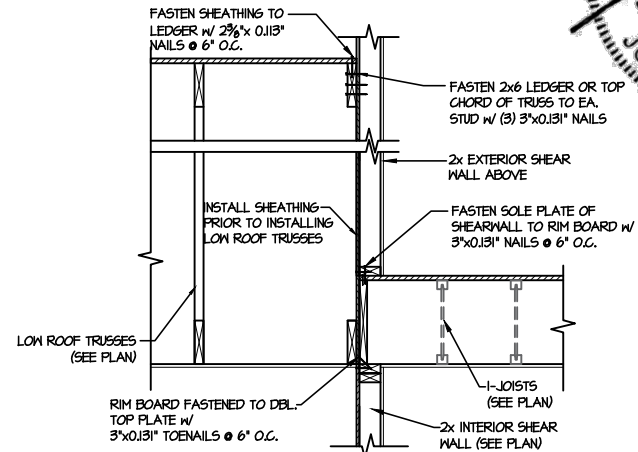
1 SHEAR TRANSFER DETAIL @
INTERIOR SHEARWALL BELOW
SCALE: 3/4"=1'-0"
PARALLEL TO FRAMING
ONLY RECD WHERE NOTED ON PLAN



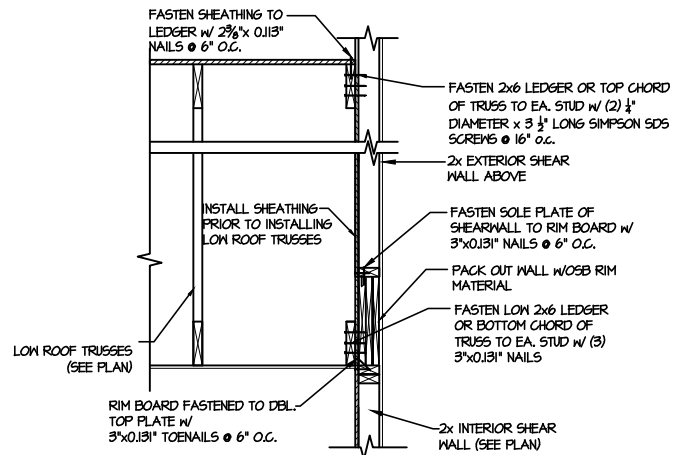
2 SHEAR TRANSFER DETAIL @
EXTERIOR SHEARWALL ABOVE
SCALE: 3/8"=1'-0"



3 SHEAR TRANSFER DETAIL @
EXTERIOR SHEARWALL ABOVE
SCALE: 3/8"=1'-0"



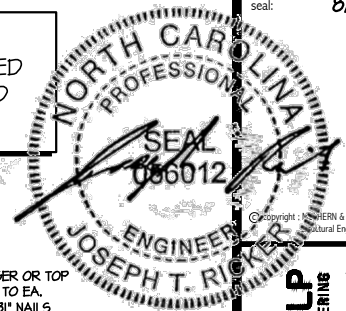
4 TYPICAL SHEAR TRANSFER DETAIL
BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



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

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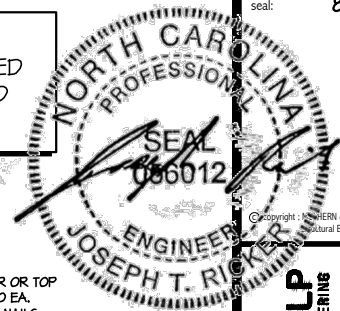


FRAMING DETAILS
FARM AT NEIL'S CREEK
LOT 144 - MIDDLETON 10
RALEIGH, NC

sheet:
SD2.1A

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NC LICENSE #C-3825

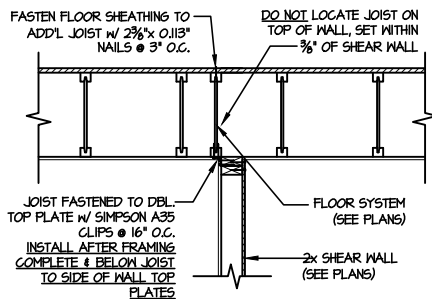
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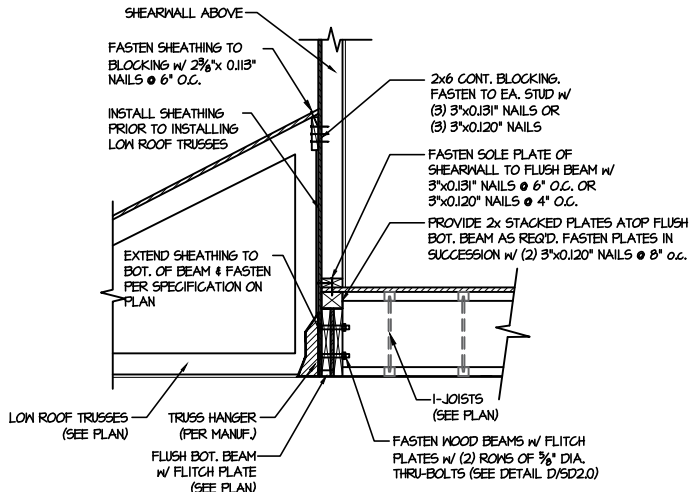
DRB
HOMES

FRAMING DETAILS
FARM AT NEIL'S CREEK
LOT 144 - MIDDLETON 10
RALEIGH, NC

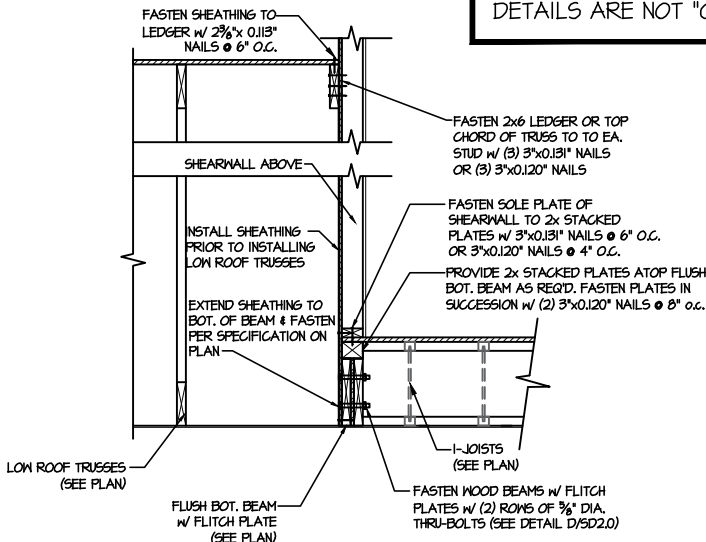
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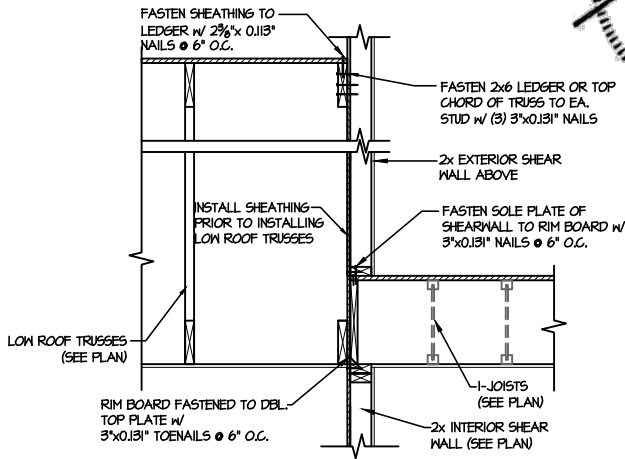
1 SHEAR TRANSFER DETAIL @
INTERIOR SHEARWALL BELOW
SCALE: 3/4"=1'-0"
PARALLEL TO FRAMING
ONLY REQ'D WHERE NOTED ON PLAN



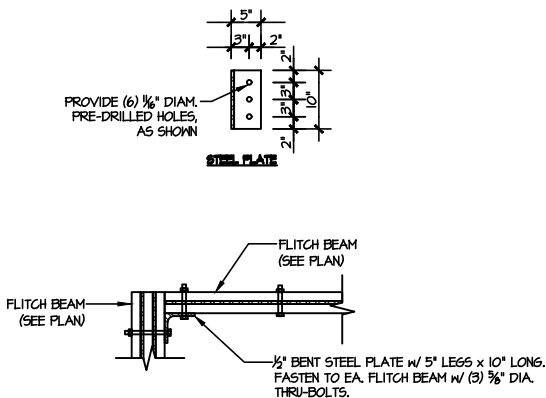
2 SHEAR TRANSFER DETAIL @
EXTERIOR SHEARWALL ABOVE
SCALE: 3/8"=1'-0"



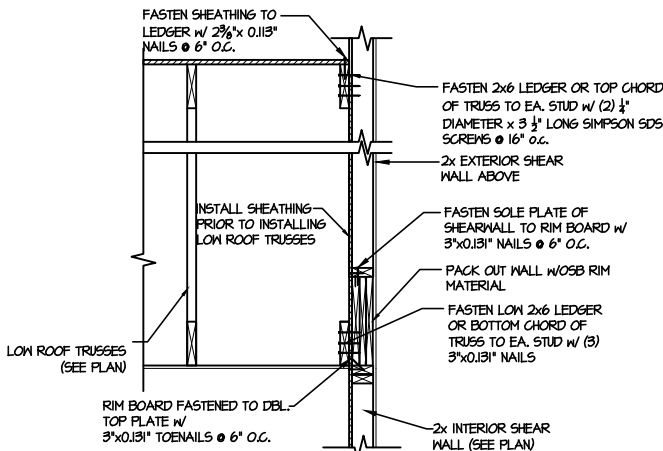
2 SHEAR TRANSFER DETAIL @
EXTERIOR SHEARWALL ABOVE
SCALE: 3/8"=1'-0"



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



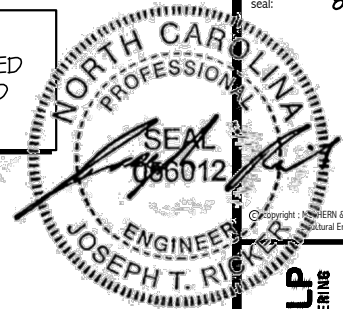
4 TYPICAL FLITCH BEAM TO FLITCH BEAM
CONNECTION DETAIL
SCALE: 3/4"=1'-0"



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

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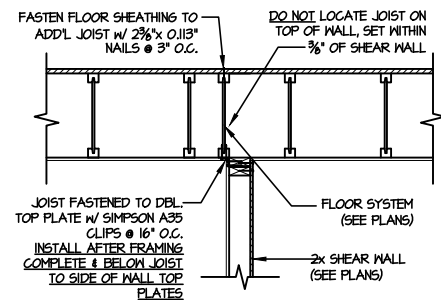
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FRAMING DETAILS
FARM AT NEIL'S CREEK
LOT 144 - MIDDLETON 10
RALEIGH, NC

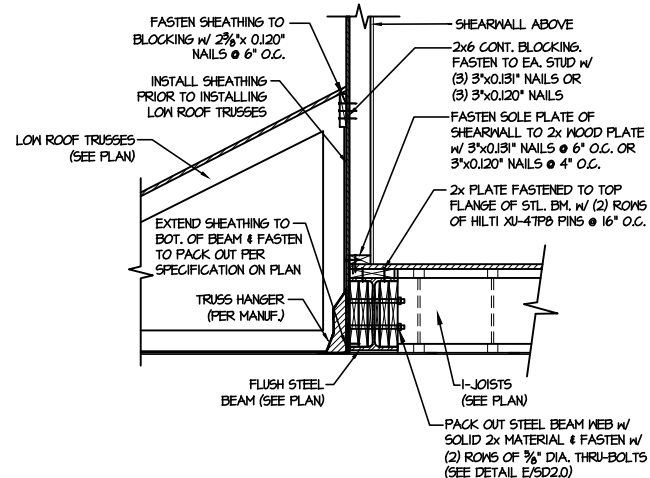
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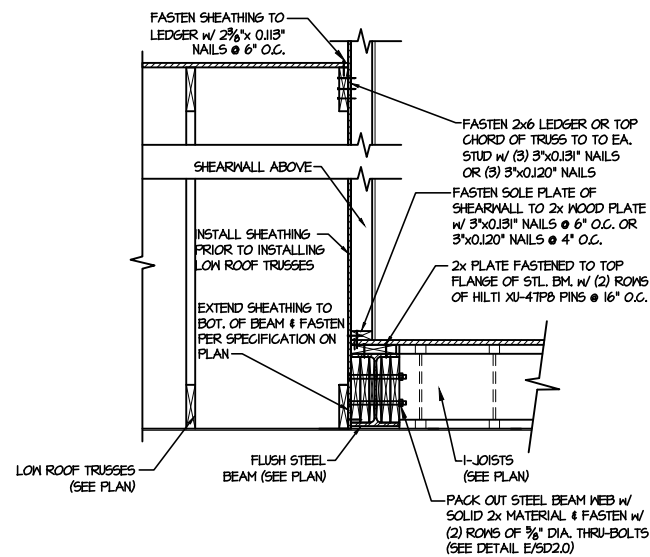
1 SHEAR TRANSFER DETAIL @
INTERIOR SHEARWALL BELOW

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

PARALLEL TO FRAMING
ONLY REVD WHERE NOTED ON PLAN

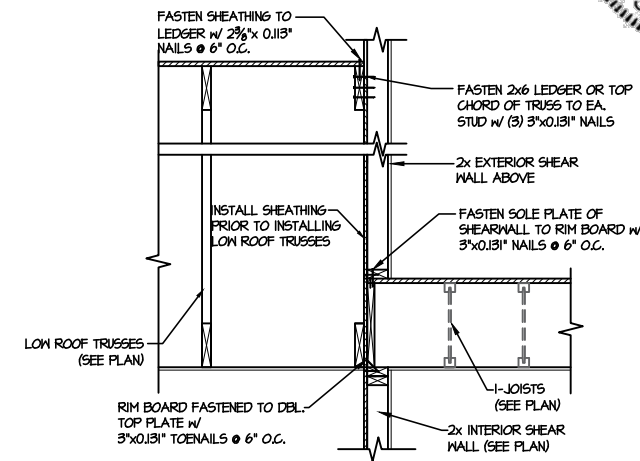
2 SHEAR TRANSFER DETAIL @
EXTERIOR SHEARWALL ABOVE

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



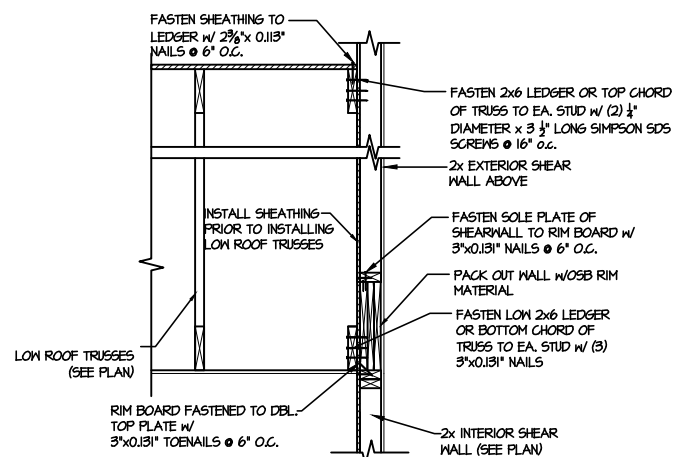
2 SHEAR TRANSFER DETAIL @
EXTERIOR SHEARWALL ABOVE

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



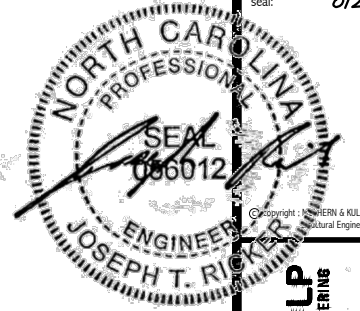
3 TYPICAL SHEAR TRANSFER DETAIL
BETWEEN FLOORS @ INTERIOR WALL

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



5 SHEAR TRANSFER DETAIL BETWEEN
FLOORS @ INTERIOR ENTRY WALL

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



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300 Pinecliffe Ave. Building 4 • Ambler, PA 19002



126-22076

Project mgr: JTR
Drawn by: NLD
Issue date: 08-27-25

Initial: _____



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FREE

STUDIES

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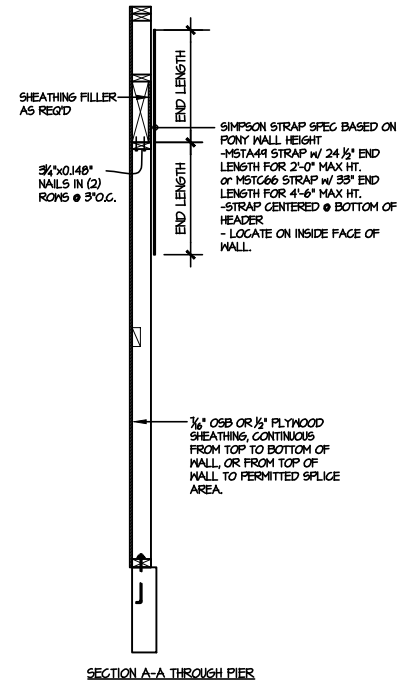
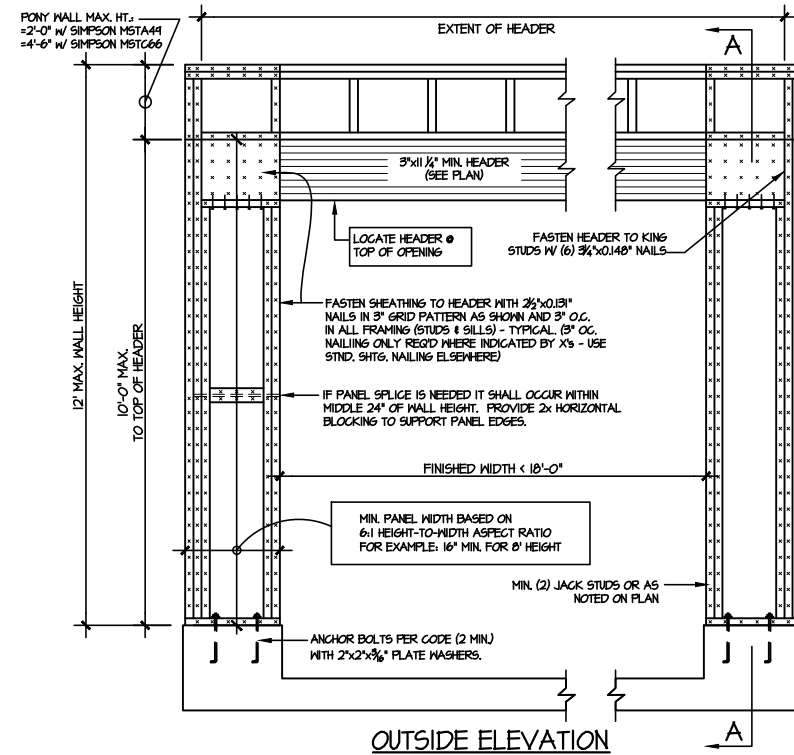
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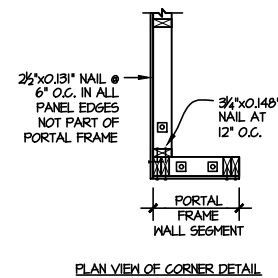
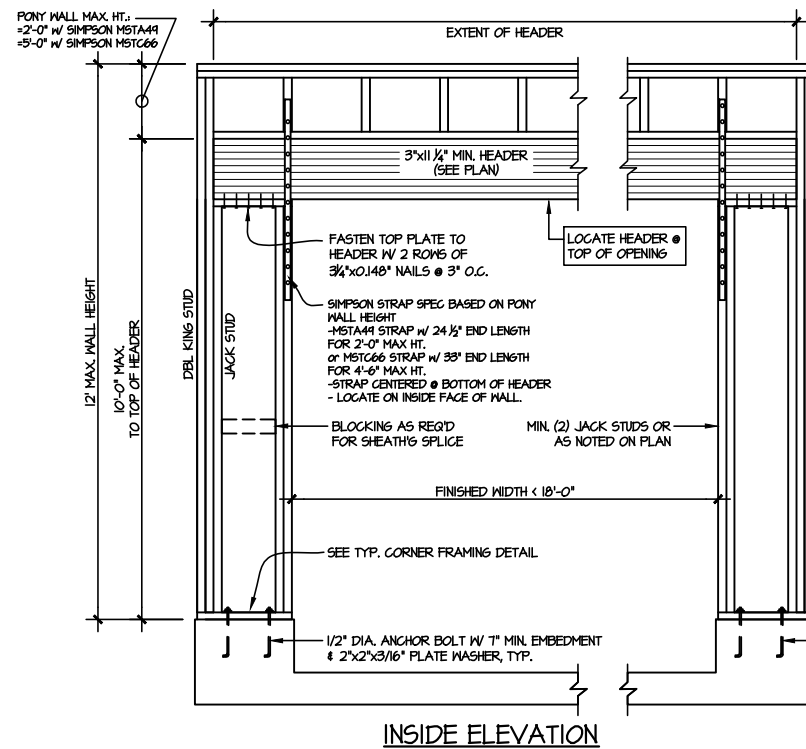
FF
FA
LOT
RALM

Sheet:

SD2.2



NOTE: ALL SHEATHABLE AREAS OF EXTERIOR WALL SHALL BE FULLY SHEATHED WITH 1/2" PLYWOOD OR 7/16" OSB



ALTERNATIVES TO 1/2" DIA. ANCHOR BOLT:

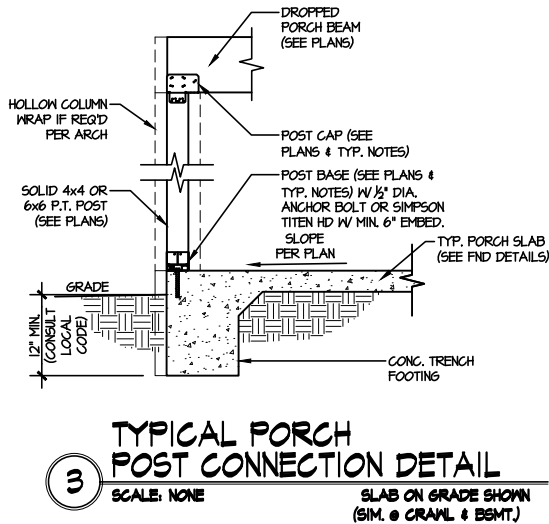
- 1) 1/2" DIA. x 6" LONG SIMPSON TITEN HD
- 2) 1/2" DIA. THREADED ROD EPOXY SET w/ 1/4" EMBED. (MIN) UTILIZING HILTI HY200 EPOXY ANCHORING SYSTEM (OR EQUAL)

TWO SIDED GARAGE PORTAL FRAME BRACING
ELEVATION ON CONCRETE STEM

SCALE: N.T.S.

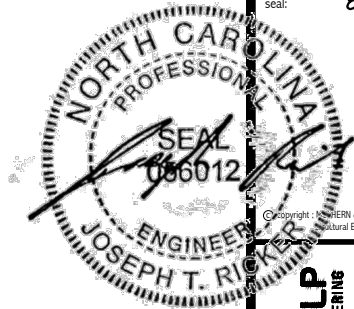
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NCLICENSE #C-3825

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FRAMING DETAILS

FARM AT NEIL'S CREEK

LOT 144 - MIDDLETON RD

RALEIGH, NC

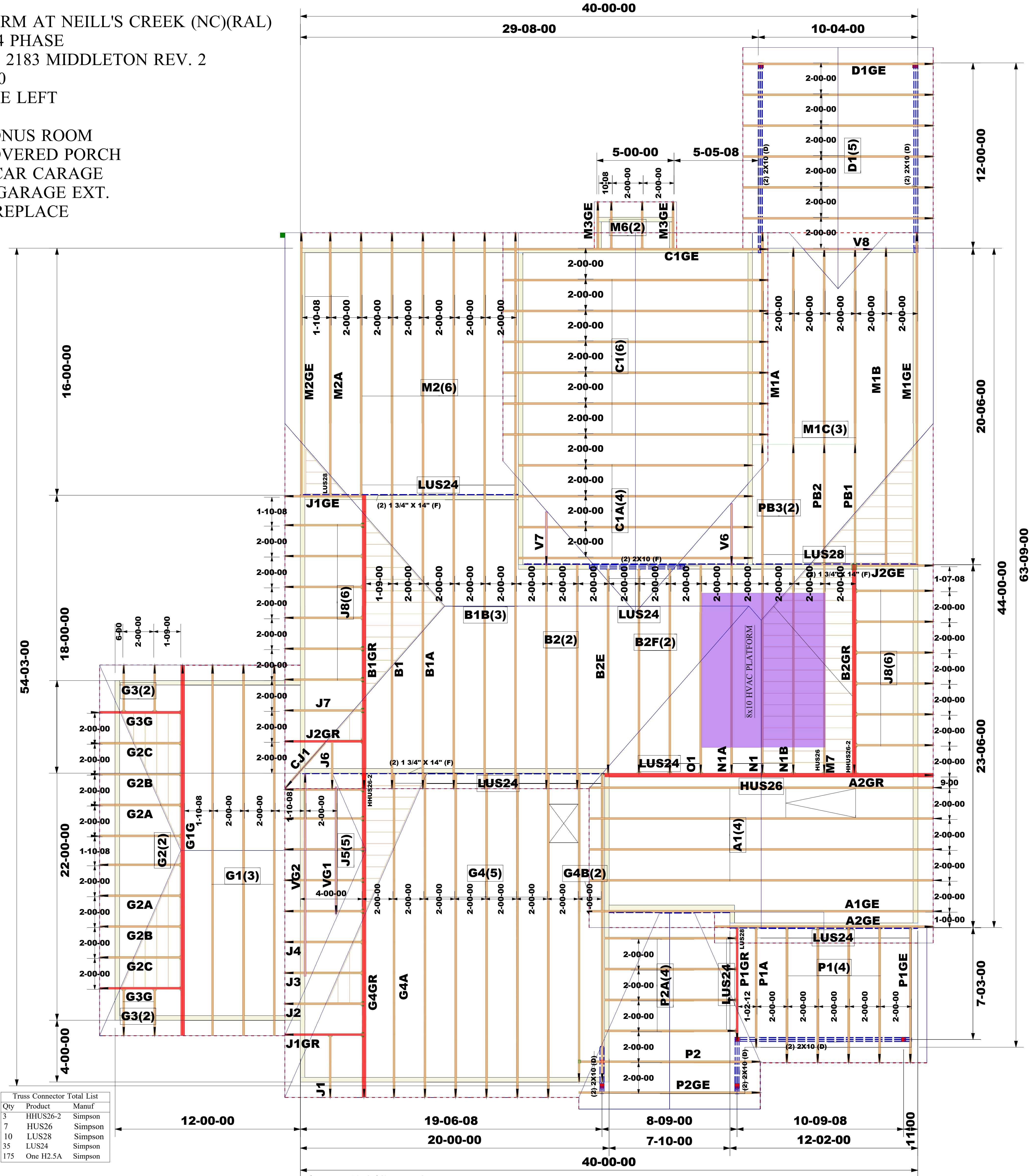
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SD3.0



ROOF TRUSS LAYOUT
SCALE: NTS
FOR CONSTRUCTION

THE FARM AT NEILL'S CREEK (NC)(RAL)
LOT 144 PHASE
MODEL 2183 MIDDLETON REV. 2
ELEV 10
GARAGE LEFT
REV 2
OPT BONUS ROOM
OPT COVERED PORCH
OPT 3 CAR CARAGE
OPT 2' GARAGE EXT.
OPT FIREPLACE



Truss Connector Total List		
Qty	Product	Manuf
3	HHUS26-2	Simpson
7	HUS26	Simpson
10	LUS28	Simpson
35	LUS24	Simpson
175	One H2.5A	Simpson

- *Truss 2' O/C U.N.O.
- *Ext. Dimensions to Stud
- *Install Hip In-Fill In Hatched Areas
- *Toenail Connection U.N.O.

ROOF TRUSS FRAMING PLAN

Job #:	2508-3704	Designer:	Bharath Charles	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 DOMINATING 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 #: 00.0144	
		Model Name: MiddletonThe Farm at Neill's Creek Lot 00.0144 Roof		Structural, LLC 201 Poplar Avenue Thurmont, MD 21788 Phone: 301-271-7591	