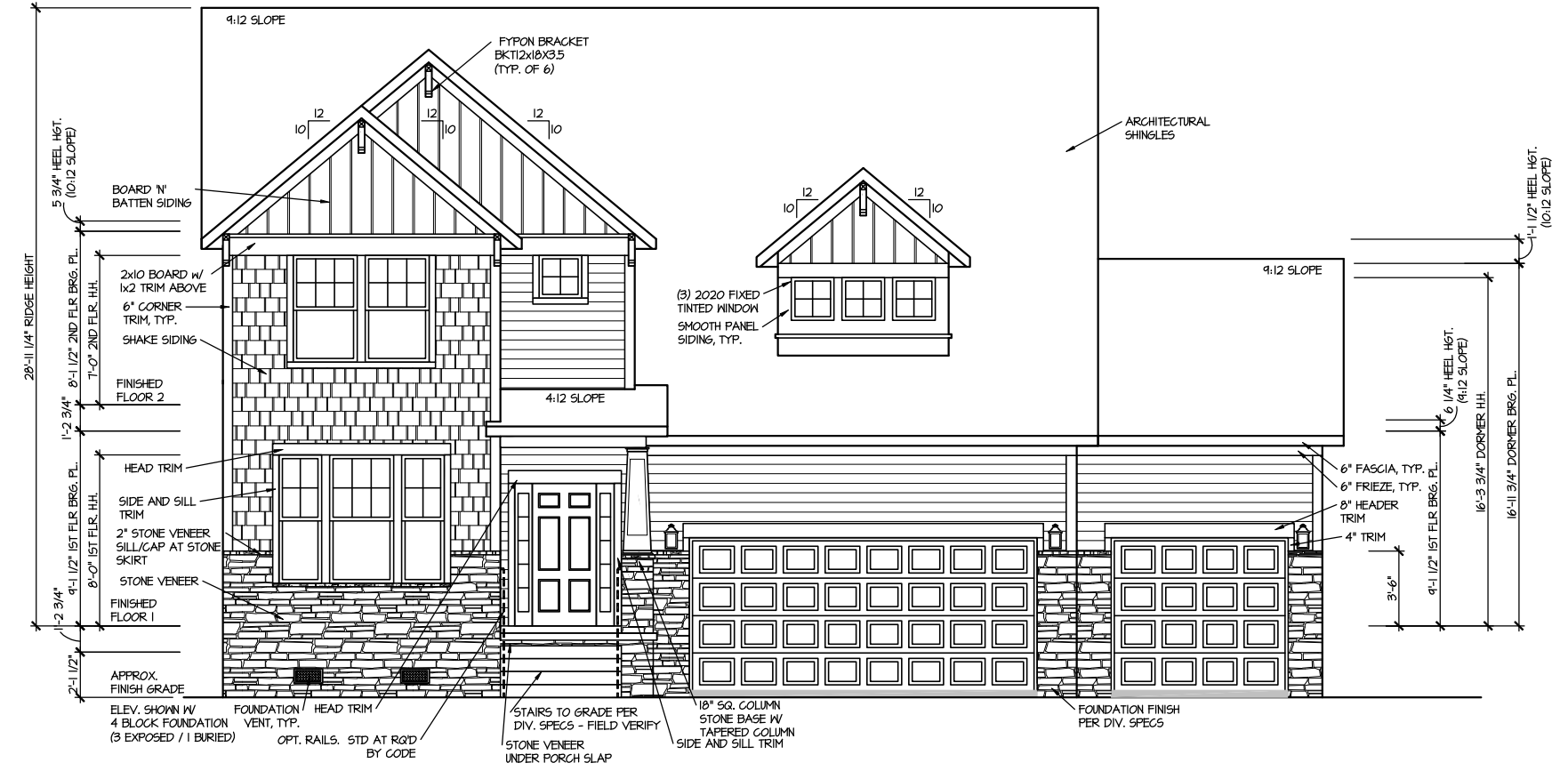
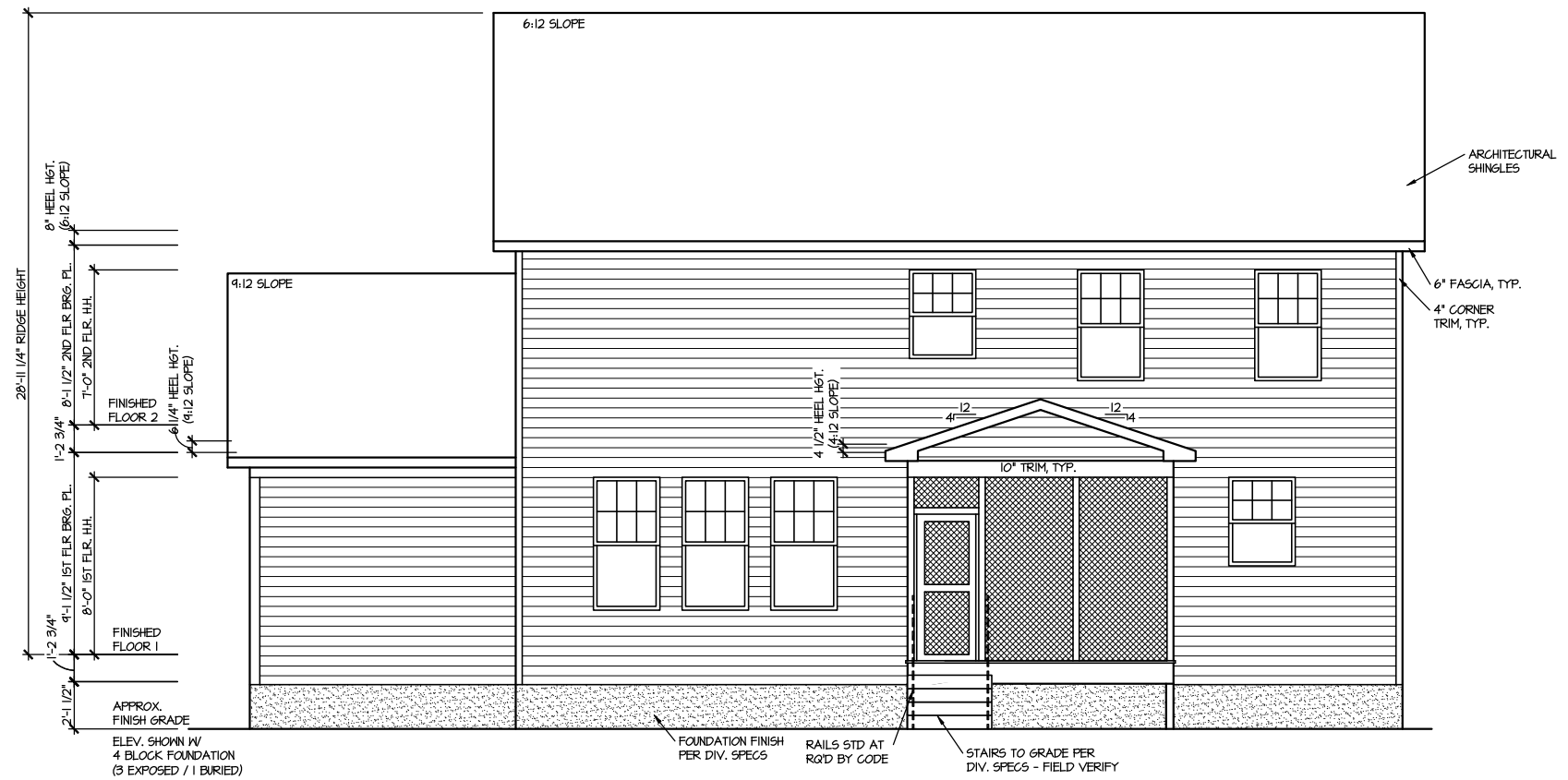




FILE: Lot\_00.0007.dwg DATE: 11/27/2024 2:01 PM



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



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

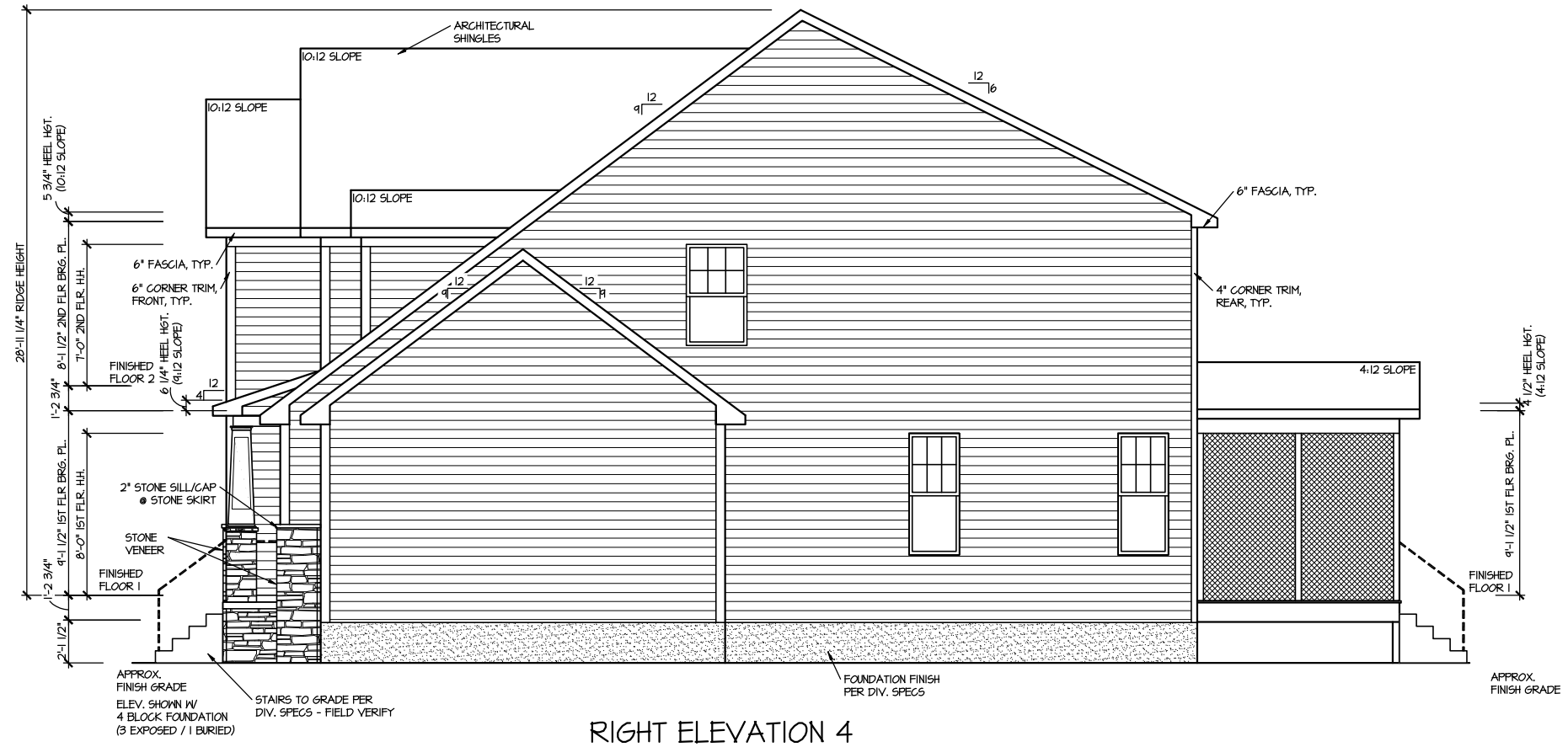
MASTER PLAN INFORMATION	
REVISION	DATE
2-RALE	03-06-2019
	UPDATED DATE
	04-26-2024

DRAWN BY:	ITS
DATE:	11/27/2024
PLAN NO.	2695



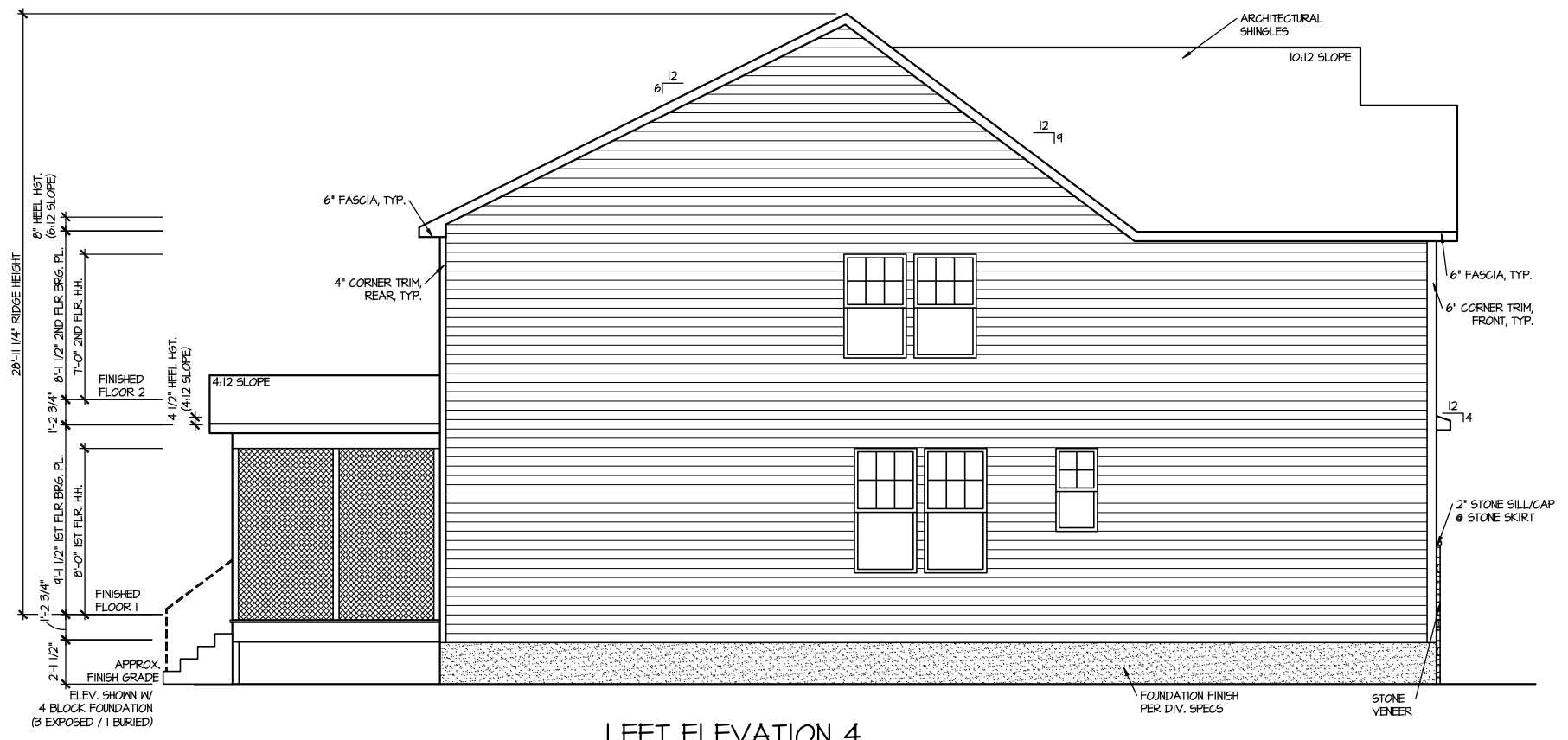
HOUSE NAME:  
**DRAYTON**  
DRAWING TITLE  
**FRONT & REAR ELEVATIONS**

SHEET No.  
**A.1**



**RIGHT ELEVATION 4**

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



**LEFT ELEVATION 4**

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

FILE: Lot\_00.0007.dwg DATE: 11/27/2024 2:01 PM

MASTER PLAN INFORMATION	
REVISION	DATE
2-RALE	03-06-2019
	UPDATED DATE
	04-26-2024

DRAWN BY:	ITS
DATE:	11/27/2024
PLAN NO.	2695



HOUSE NAME:  
**DRAYTON**

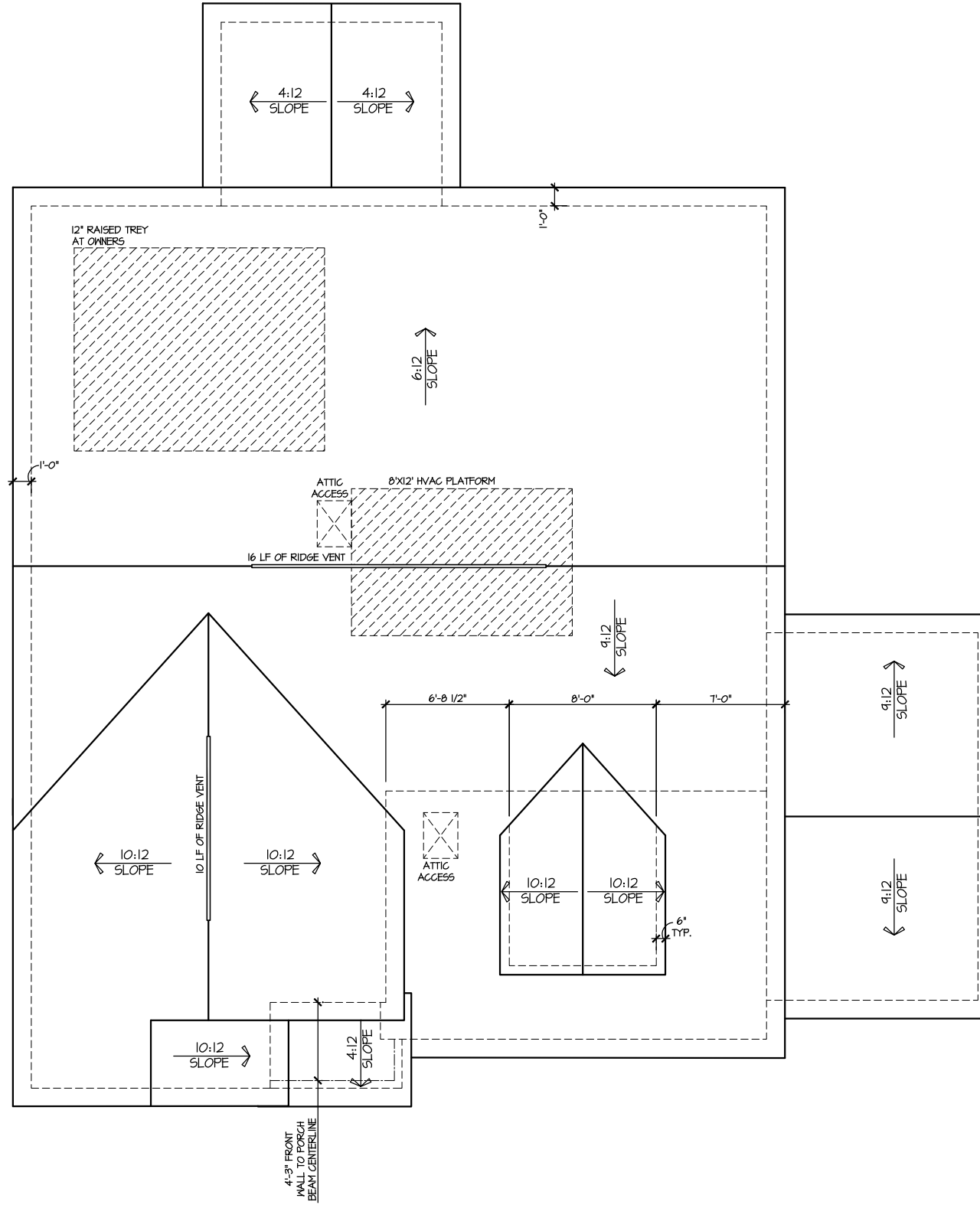
DRAWING TITLE  
**RIGHT & LEFT ELEVATIONS**

SHEET No.  
**A1.2**

**ROOF VENTILATION CALCULATIONS:**

ROOF AREA = 1036 SQ. FT.  
 OVERALL REQUIRED VENTILATION:  
 1 TO 150 = 12.24 SQ. FT.  
 1 TO 300 = 6.12 SQ. FT.  
 50-80% IN TOP THIRD = 3.06- 4.90 FT. (1 TO 300)  
 NET FREE AREA OF VENTED SOFFIT = 5.1 SQ. IN / LINEAR FT.  
 NET FREE AREA OF RIDGE VENT = 18 SQ. IN/ LINEAR FT.

LOWER VENTING: (BOTTOM 2/3 RDS)  
 77 LINEAR FEET OF SOFFIT X 5.1 SQ. IN. = 3.05 SQ. FT.  
 UPPER VENTING: (TOP 1/3 RD)  
 26 LINEAR FEET OF RIDGE X 18 SQ. IN. = 3.25 SQ. FT.  
 3.25 SQ. FT. BETWEEN 50% - 80%  
 (1 TO 300 ALLOWED)  
 TOTAL ROOF VENTILATION: 6.30 SQ. FT. > 6.12 SQ. FT. (RQ'D)



**ROOF PLAN ELEV. 4**

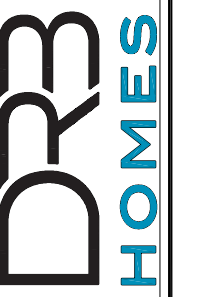
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FILE: Lot\_00.0007.dwg DATE: 11/27/2024 2:01 PM

UPDATED DATE  
04-26-2024

MASTER PLAN INFORMATION  
 REVISION DATE 03-06-2019  
 2-RALE

DRAWN BY: ITS  
 DATE: 11/27/2024  
 PLAN NO. 2695

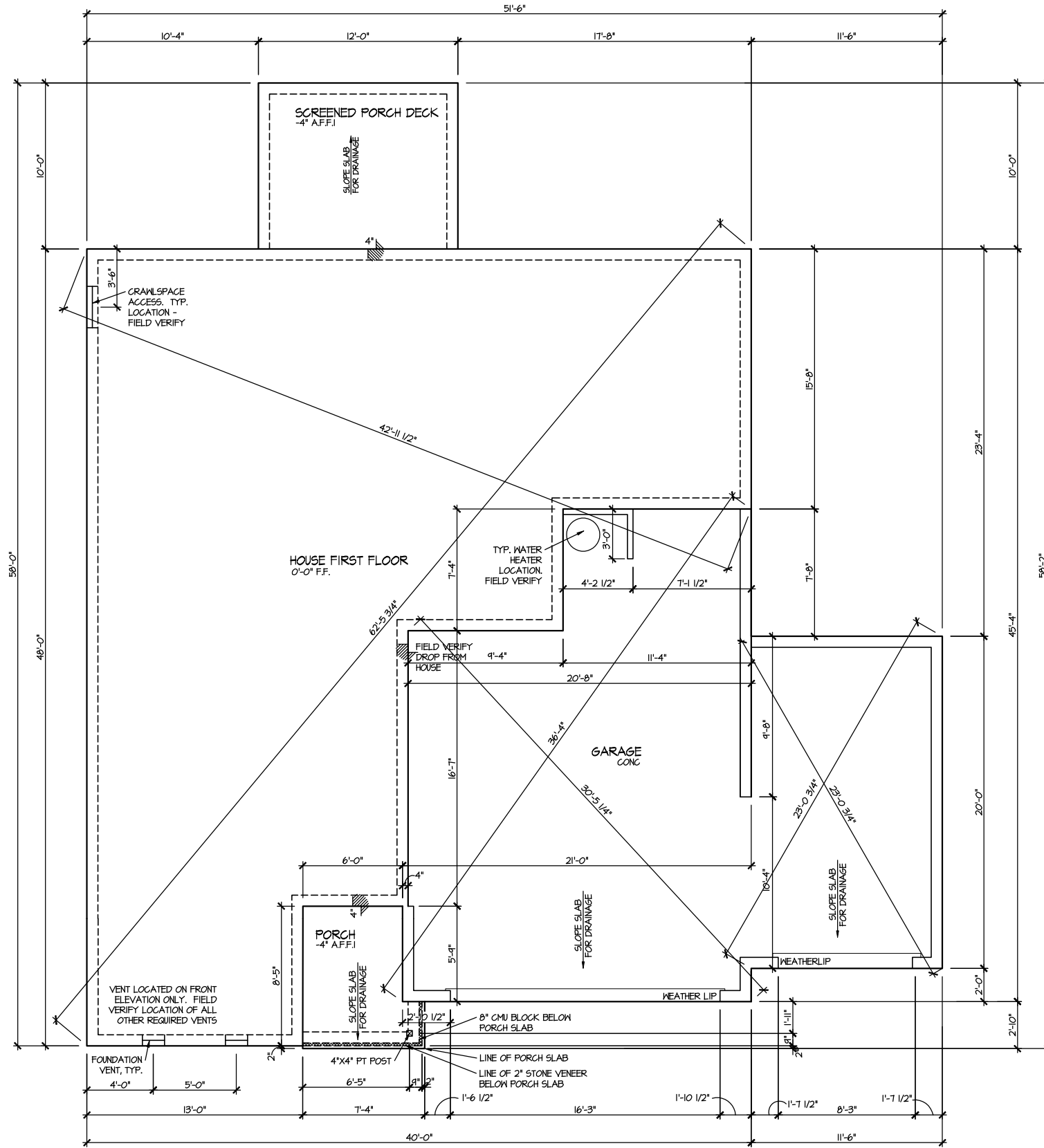


HOUSE NAME: DRAYTON  
 DRAWING TITLE: ROOF PLAN

SHEET No. A.3



CRAWL AREA = 1267 SQ. FT.  
 OVERALL REQUIRED VENTILATION:  
 1 TO 150 = 8.44 SQ. FT.  
 NET FREE AREA OF VENT = 62 SQ. IN PER VENT  
 WITTEN AUTOMATIC VENT B-EBLACK (MB) OR EQUAL  
 VENTING REQUIREMENT:  
 6.3 SQ. FT / 62 SQ. IN = 14.6 VENTS = 20 VENTS



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

FILE: Lot\_00.0007.dwg DATE: 11/27/2024 2:01 PM

MASTER PLAN INFORMATION	
REVISION	DATE
2-RALE	03-06-2019
UPDATED DATE	04-26-2024

DRAWN BY: ITS  
 DATE: 11/27/2024  
 PLAN NO. 2695



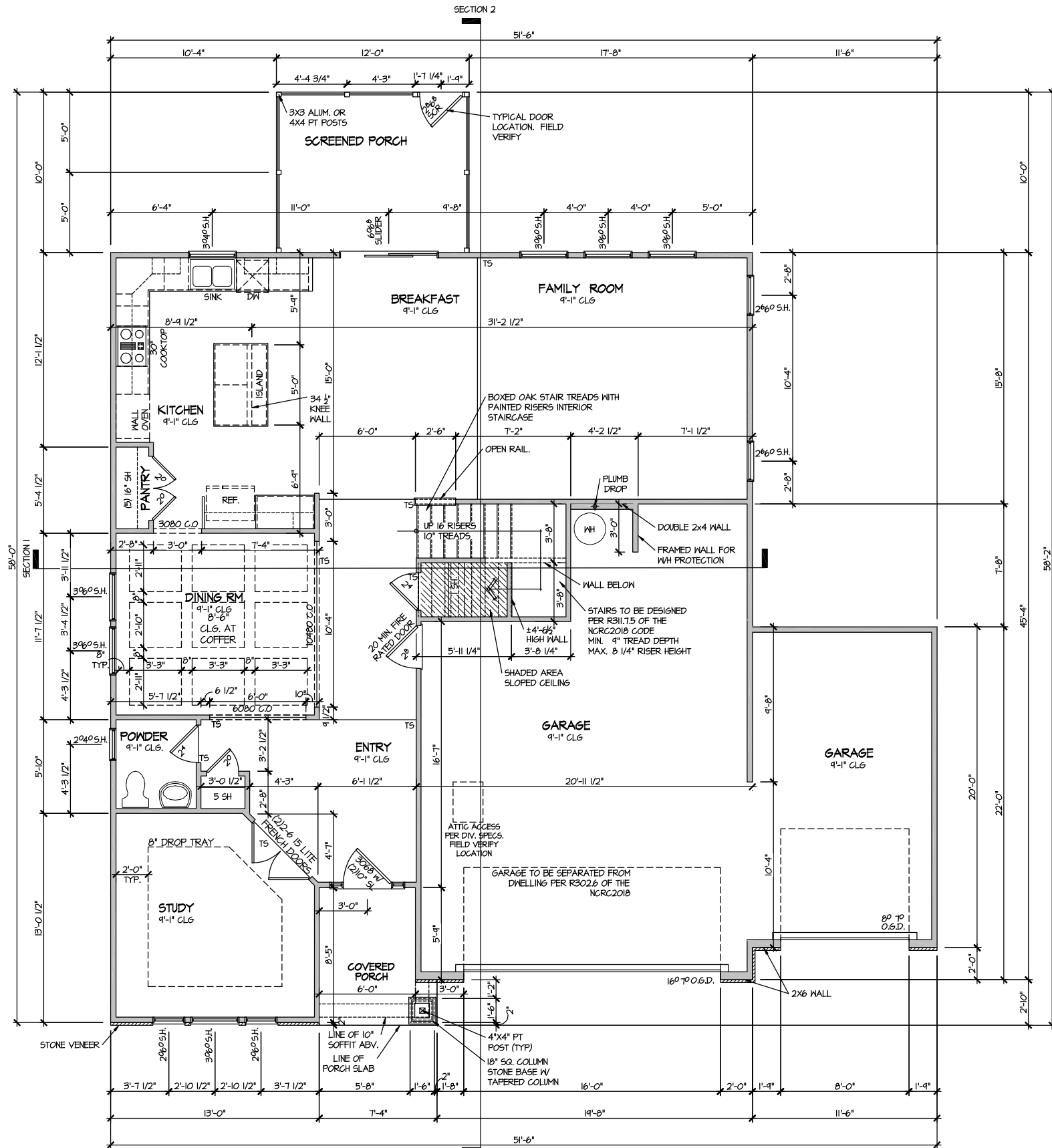
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 DRAWING TITLE: CRAWL SPACE PLAN

SHEET No. **A2.3**

FILE: Lot\_00.0007.dwg DATE: 11/27/2024 2:01 PM

# ELEVATION 4 FIRST FLOOR PLAN

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



MASTER PLAN INFORMATION	
REVISION	DATE
2-RALE	03-06-2019
	UPDATED DATE
	04-26-2024

DRAWN BY:	ITS
DATE:	11/27/2024
PLAN NO.	2695



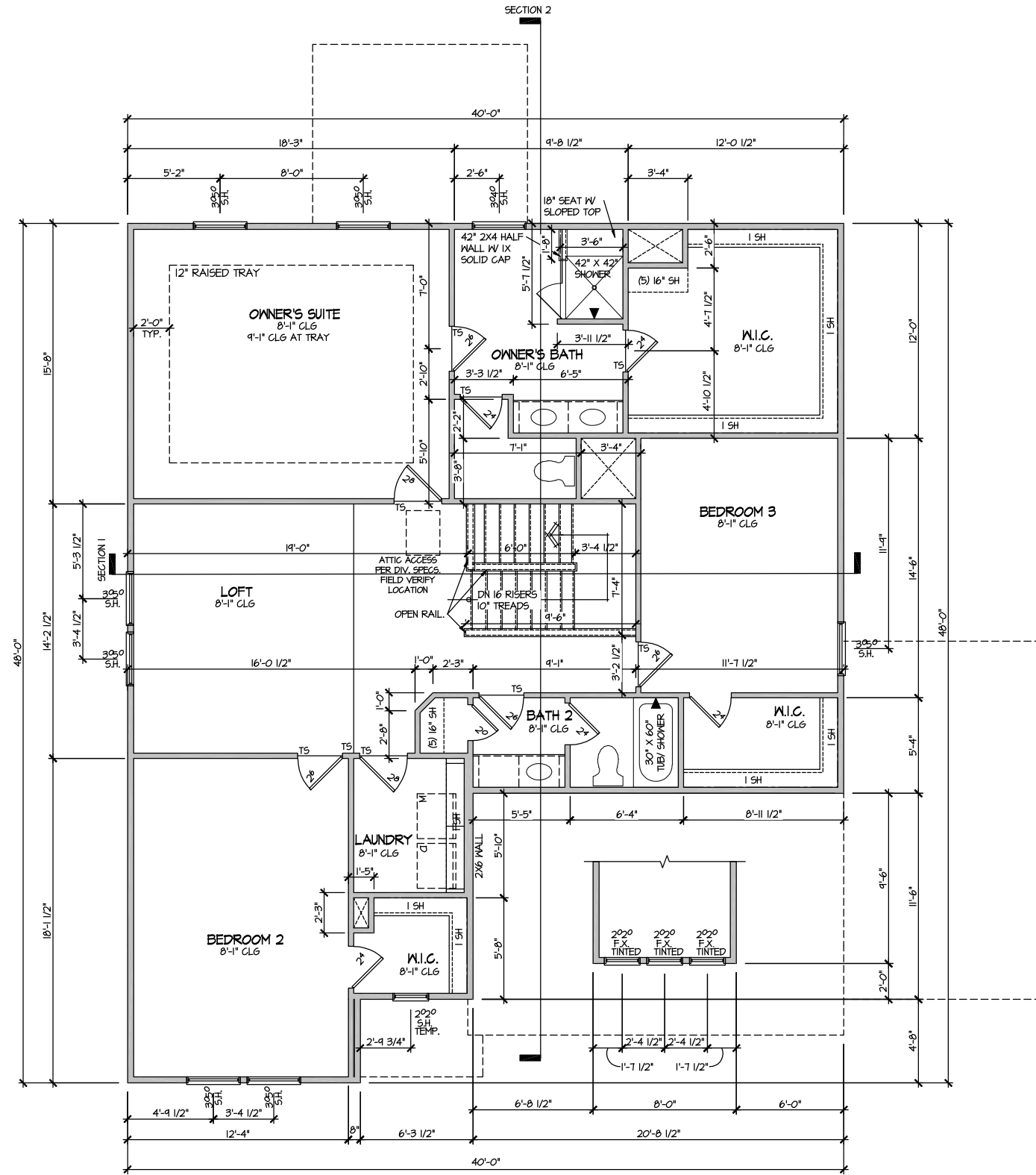
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**DRAYTON**  
DRAWING TITLE:  
**FIRST FLOOR PLAN**

SHEET No.  
**A3.1**

FILE: Lot\_00.0007.dwg DATE: 11/27/2024 2:01 PM

### ELEVATION 4 SECOND FLOOR PLAN

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



MASTER PLAN INFORMATION	
REVISION	DATE
2-RALE	03-06-2019
	UPDATED DATE
	04-26-2024

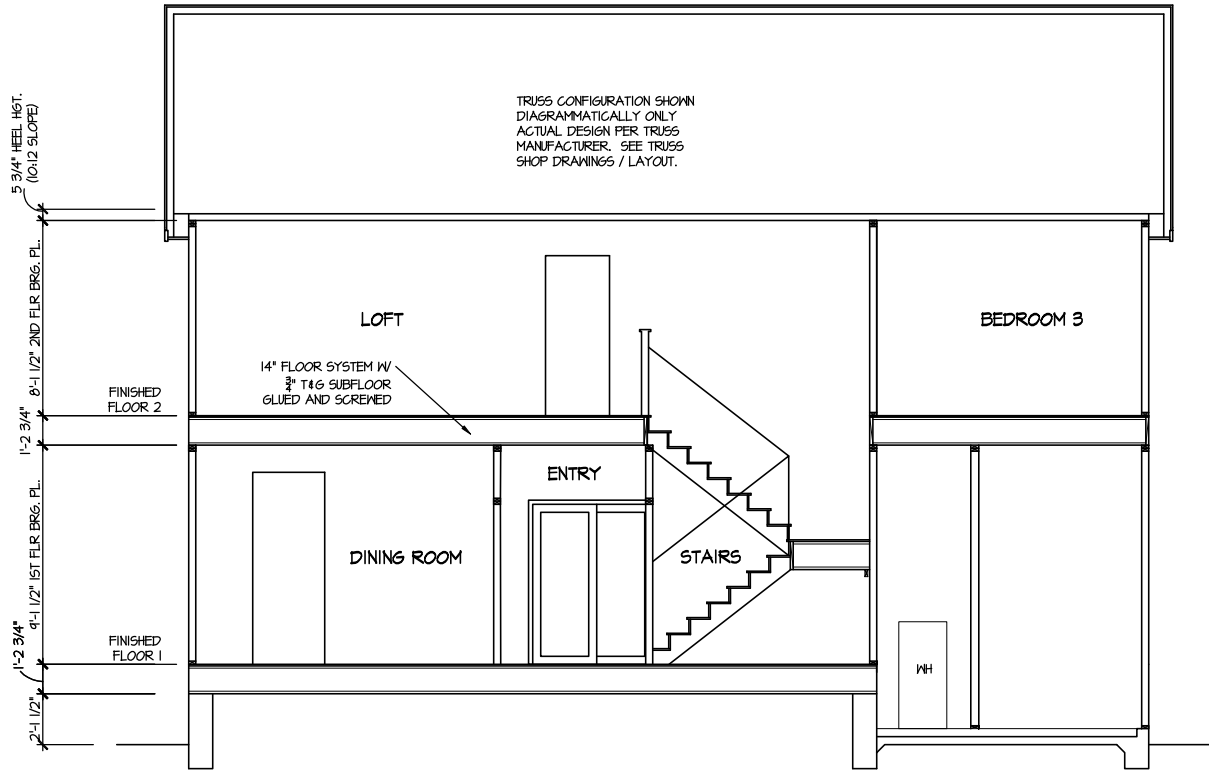
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PLAN NO.	2695



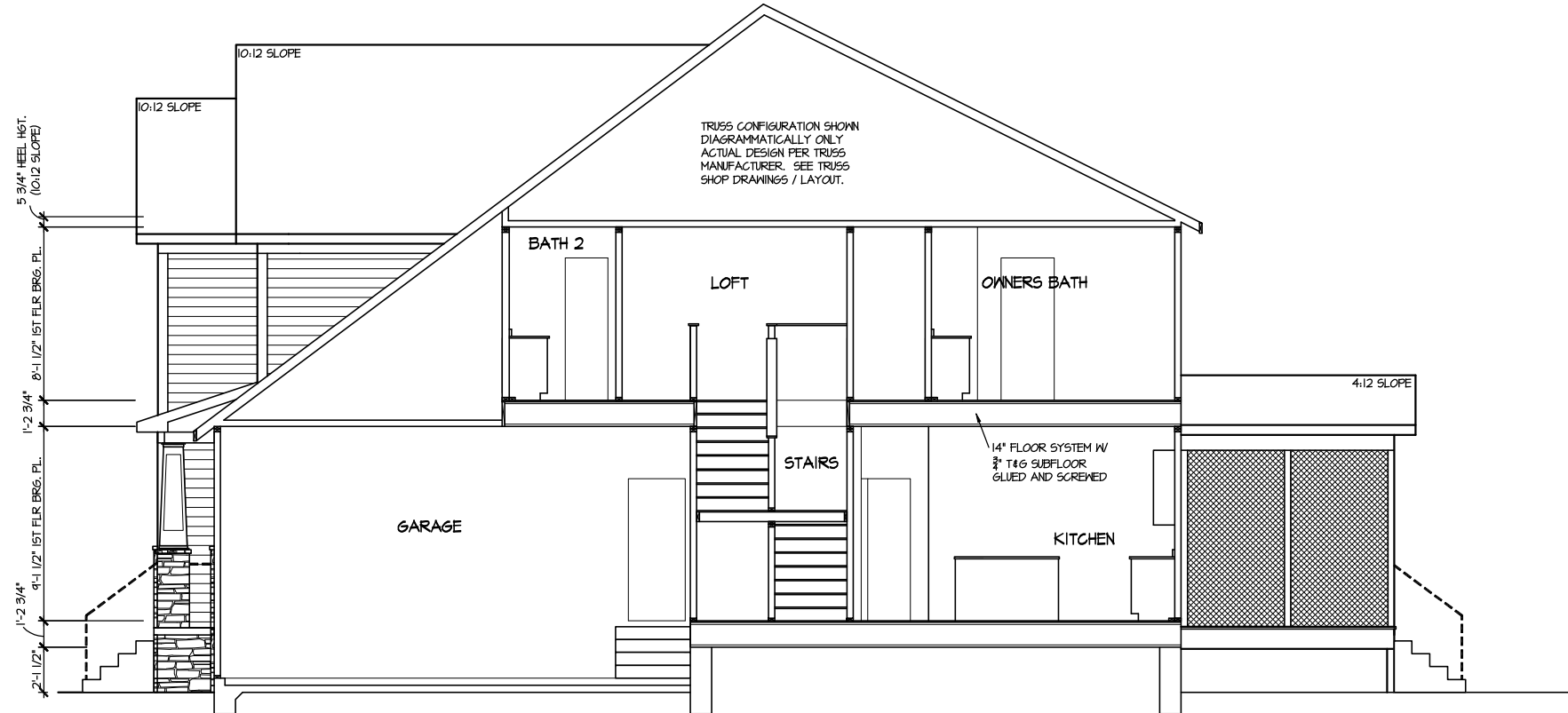
HOUSE NAME:  
**DRAYTON**

DRAWING TITLE  
**SECOND FLOOR PLAN**

SHEET No.  
**A3.2**



**SECTION I**  
SCALE: 1/8" = 1'-0"



**SECTION 2**  
SCALE: 1/8" = 1'-0"

FILE: Lot\_00.0007.dwg DATE: 11/27/2024 2:01 PM

MASTER PLAN INFORMATION	
REVISION	DATE
2-RALE	03-06-2019
UPDATED DATE	04-26-2024

DRAWN BY:	ITS
DATE:	11/27/2024
PLAN NO.	2695



HOUSE NAME:  
**DRAYTON**

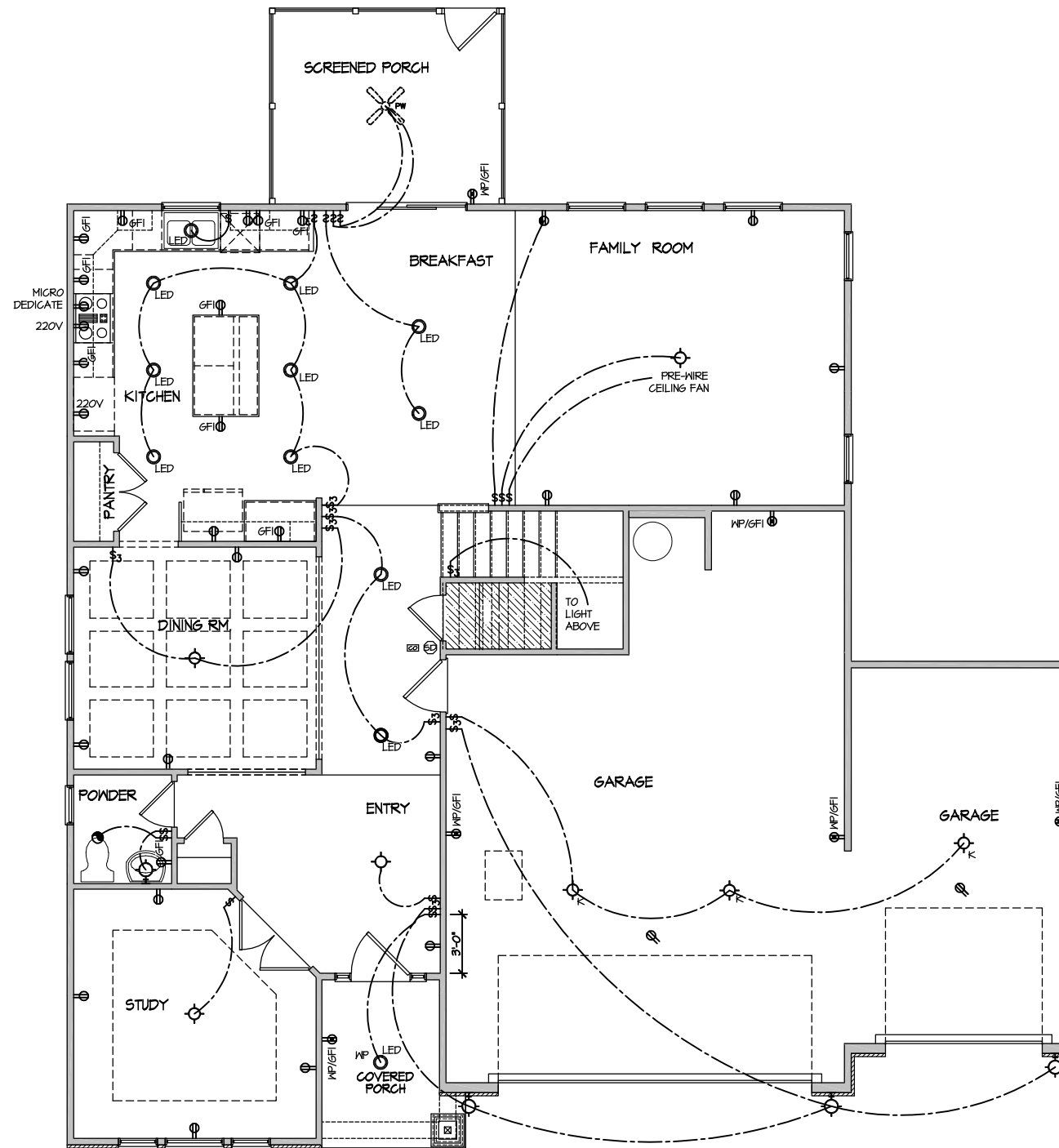
DRAWING TITLE  
**BUILDING SECTION**

SHEET No.  
**A4.1**

**ELECTRICAL LEGEND**

- Ⓢ SINGLE POLE SWITCH
- Ⓢ<sub>3</sub> THREE WAY SWITCH
- Ⓢ<sub>4</sub> 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
- LED FULLCHAIN LAMPHOLDER
- LED 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"

FILE: Lot\_00.0007.dwg DATE: 11/27/2024 2:01 PM

UPDATED DATE  
04-26-2024

MASTER PLAN INFORMATION  
DATE 03-06-2019  
REVISION 2-RALE

DRAWN BY: ITS  
DATE: 11/27/2024  
PLAN NO. 2695



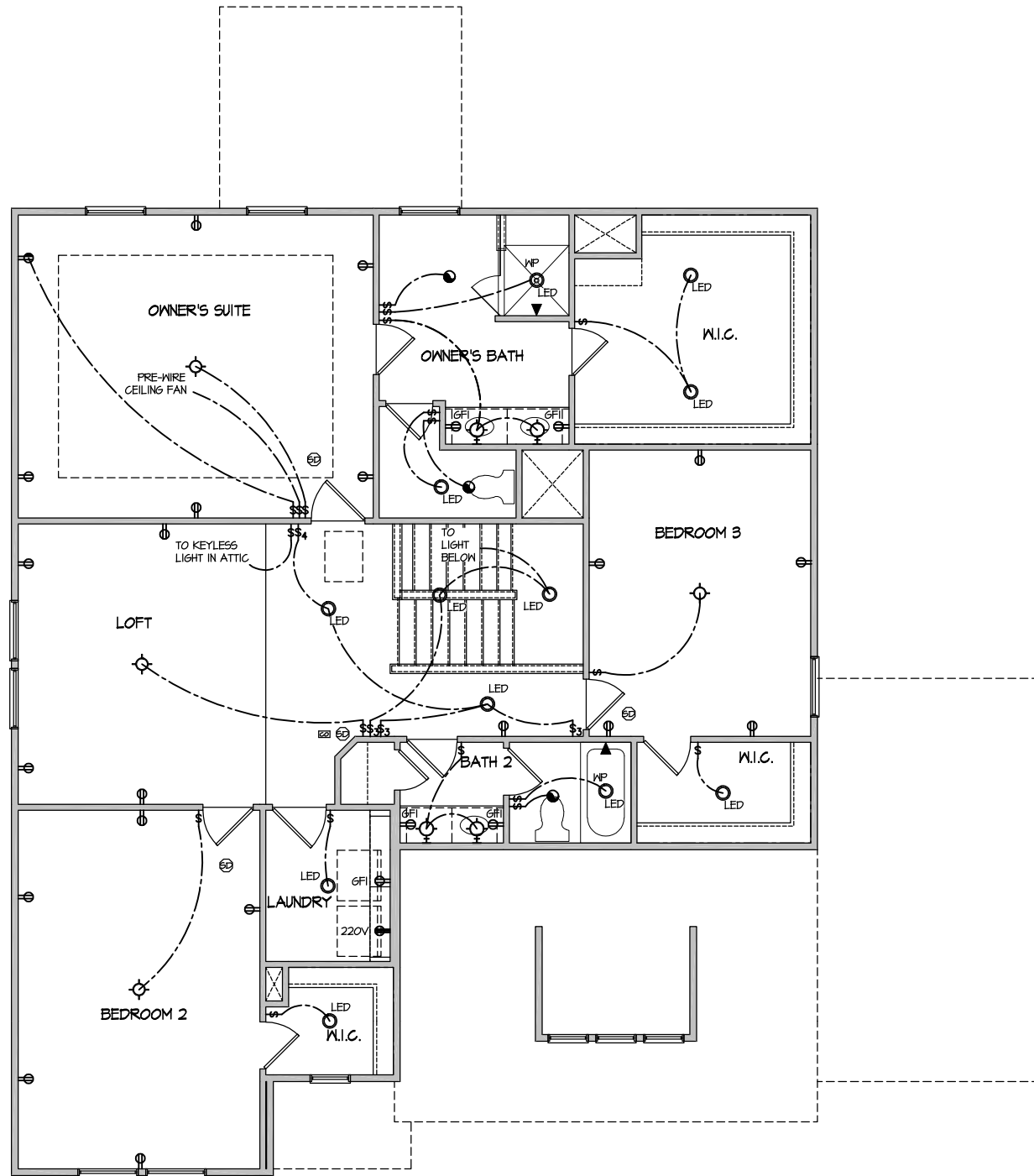
HOUSE NAME: DRAYTON  
DRAWING TITLE: FIRST FLOOR ELECTRICAL

SHEET No.  
1

**ELECTRICAL LEGEND**

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

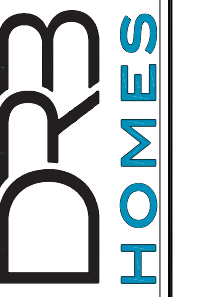


**ELECTRICAL PLAN**  
**SECOND FLOOR - ELEV. 4**  
 SCALE: 1/8" = 1'-0"

FILE: Lot\_00.0007.dwg DATE: 11/27/2024 2:01 PM

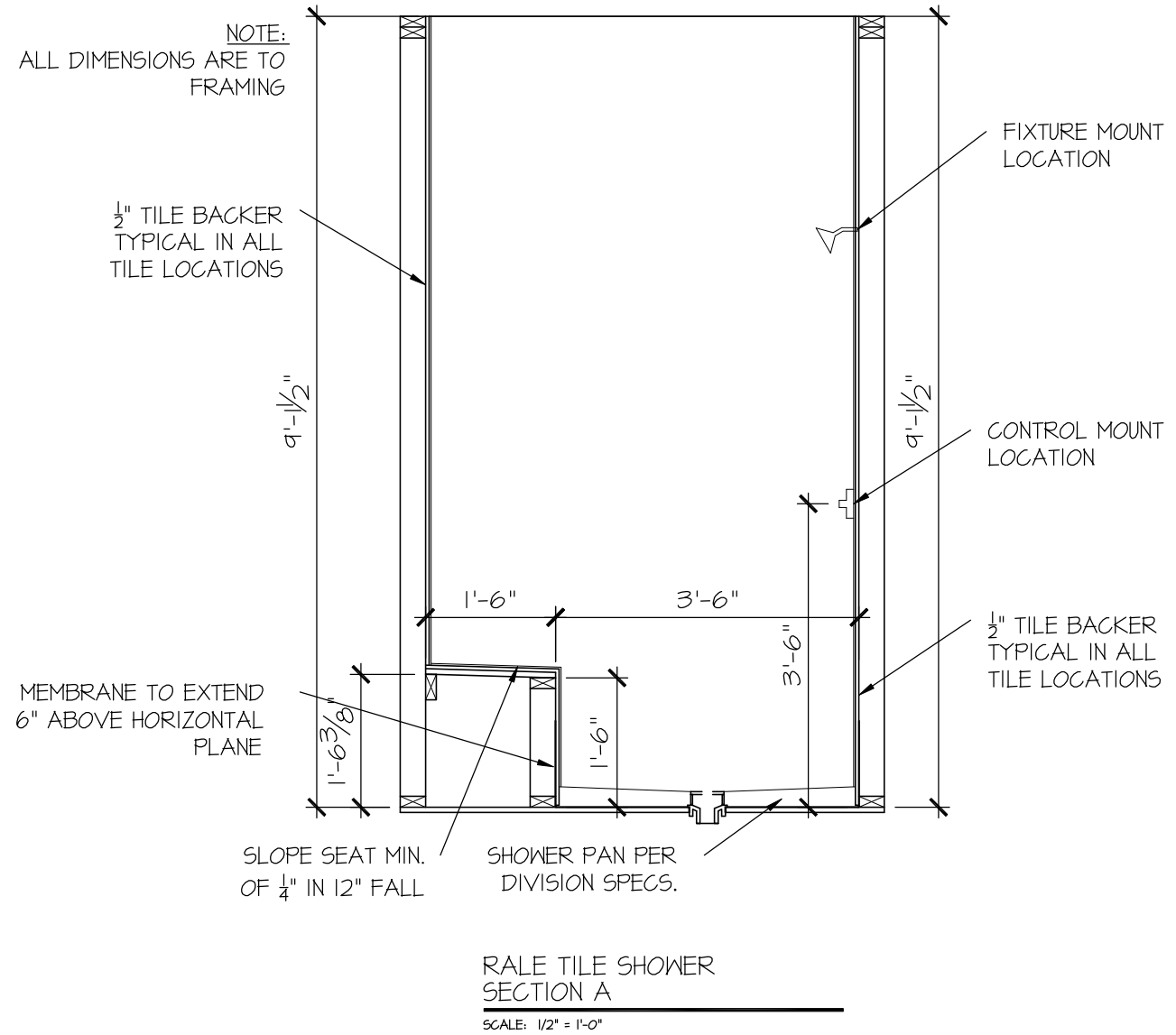
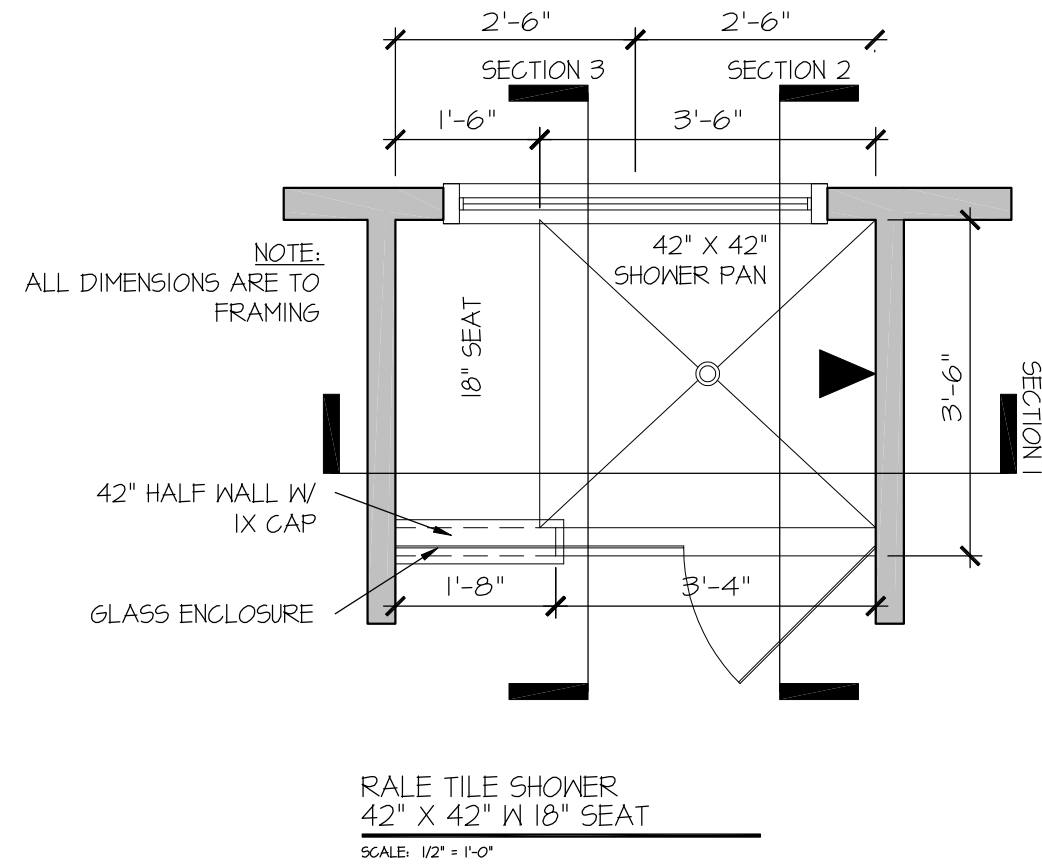
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DATE	03-06-2019
REVISION	2-RALE
UPDATED DATE	04-26-2024

DRAWN BY:	ITS
DATE:	11/27/2024
PLAN NO.	2695



HOUSE NAME:  
**DRAYTON**  
 DRAWING TITLE  
**SECOND FLOOR ELECTRICAL**

SHEET No.  
**1.2**





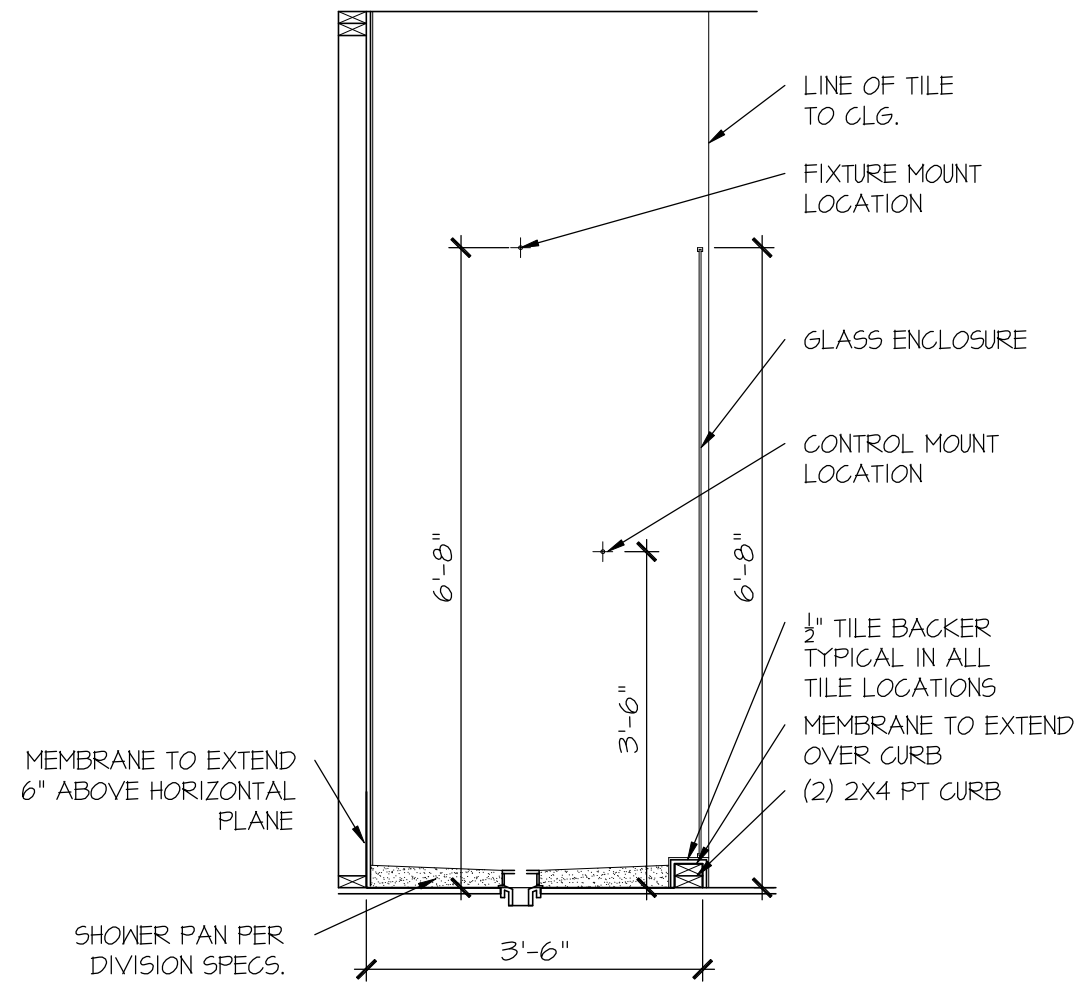
SEAL

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

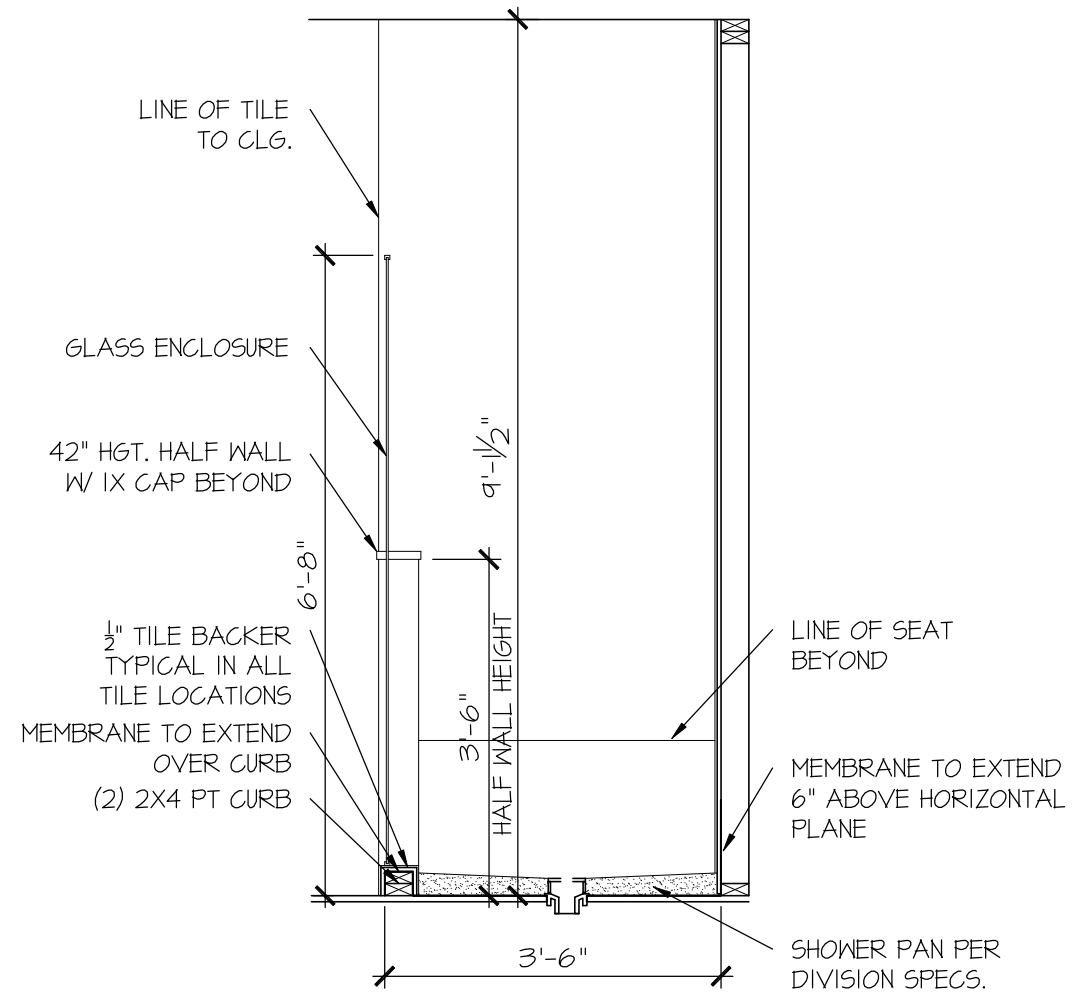


HOUSE NAME:  
DRAWING TITLE  
RALE TILE SHOWER DETAIL

SHEET No.  
01.12

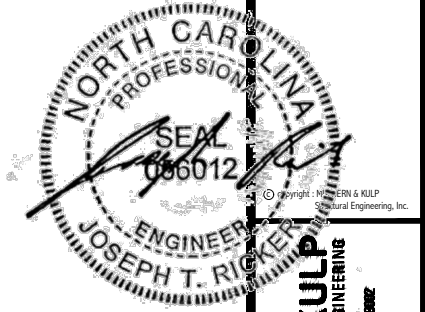


RALE TILE SHOWER SECTION B  
SCALE: 1/2" = 1'-0"



RALE TILE SHOWER SECTION C  
SCALE: 1/2" = 1'-0"





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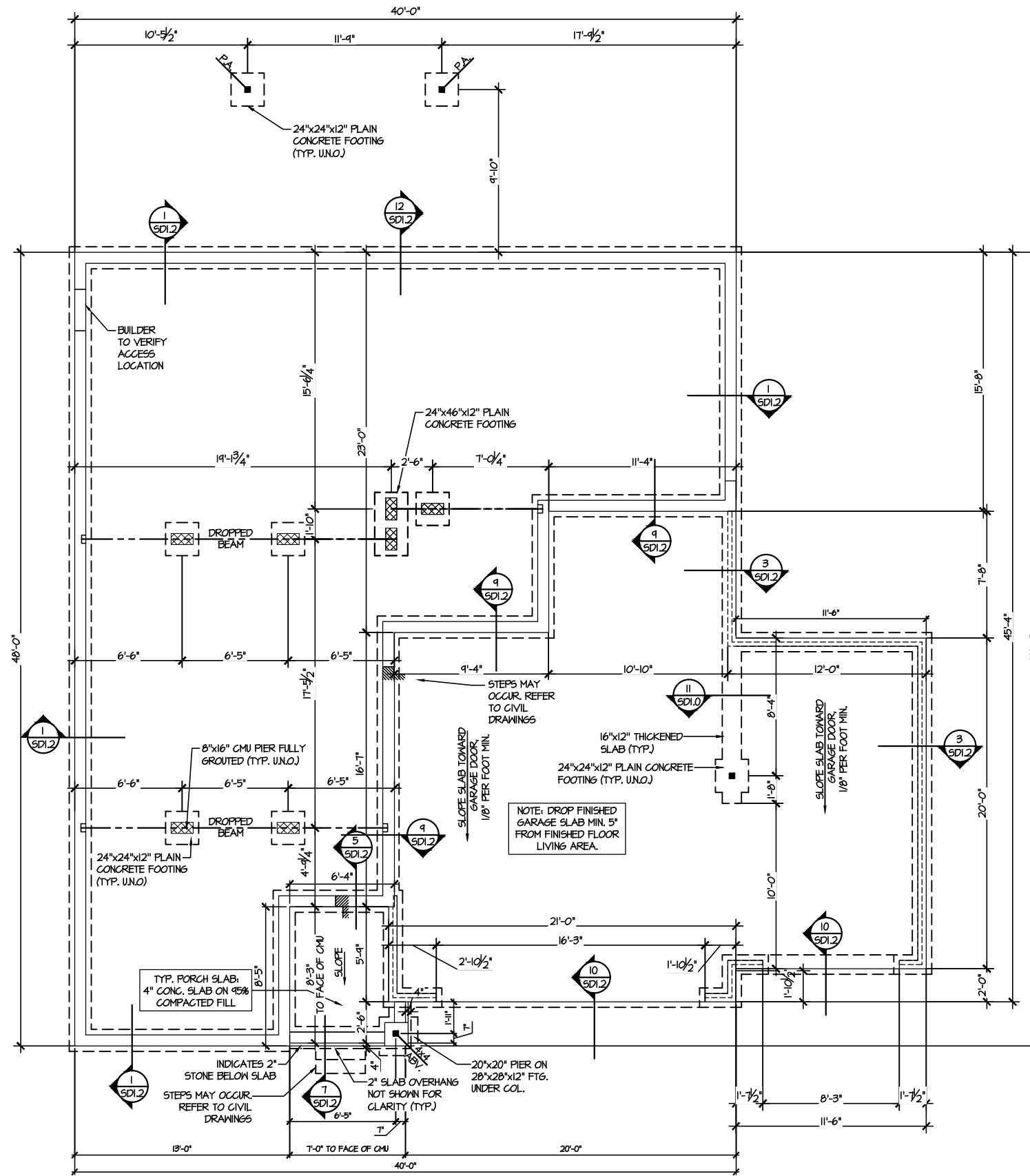
M&K project number:  
126-24045  
project mgr: JTR  
drawn by: AV  
issue date: 12-19-24

REVISIONS:



FOUNDATION PLANS  
CAMPBELL RIDGE  
LOT 07 - DRAYTON 4  
RALEIGH, NC

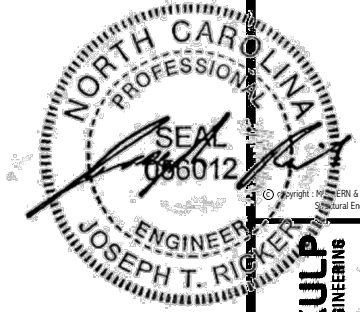
sheet: **S1.0**



**1 CRAWLSPACE 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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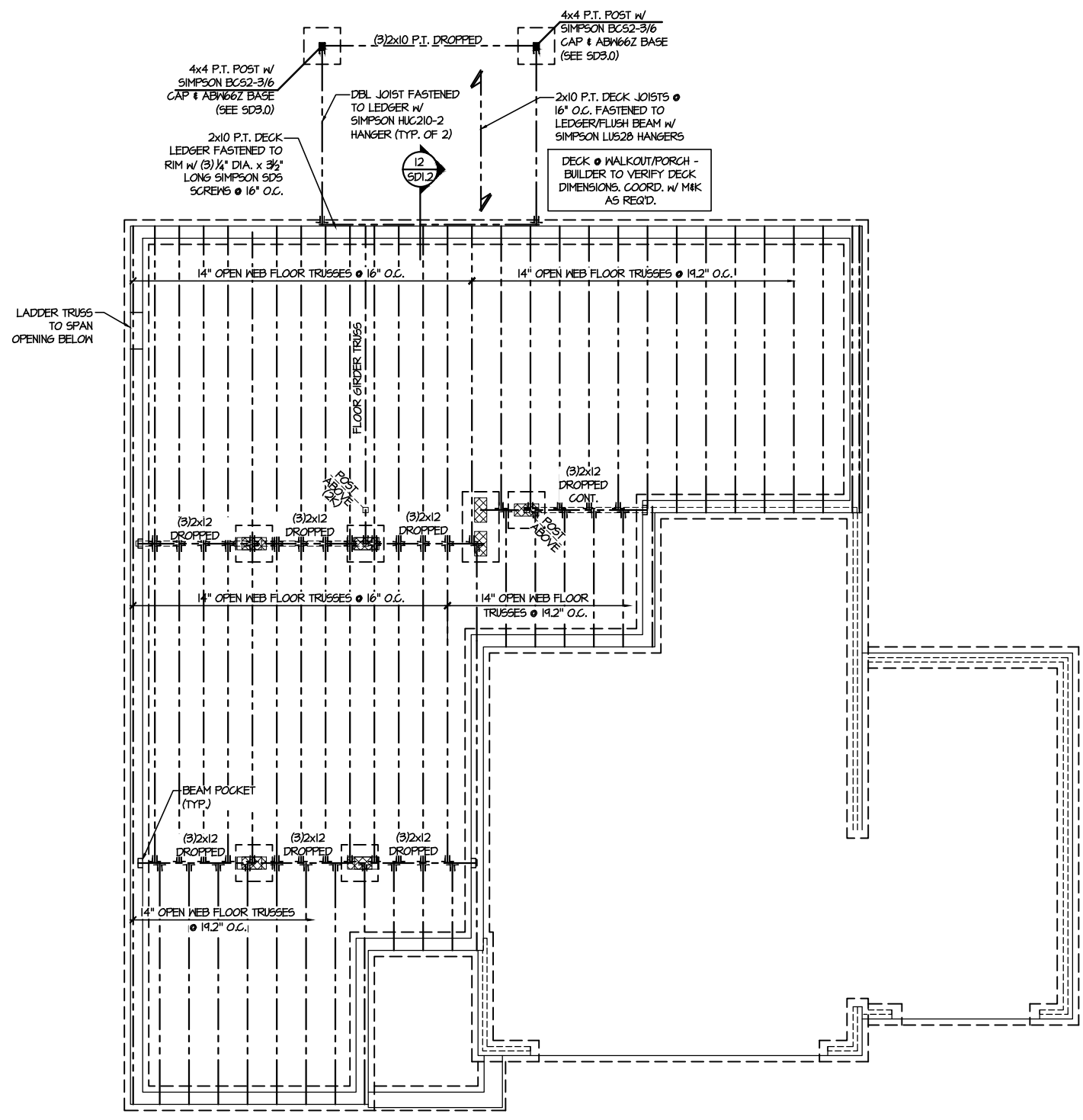
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126-24045  
project mgr: JTR  
drawn by: AV  
issue date: 12-19-24

REVISIONS:



FRAMING PLANS  
CAMPBELL RIDGE  
LOT 07 - DRAYTON 4  
RALEIGH, NC

sheet:  
**S2.0**

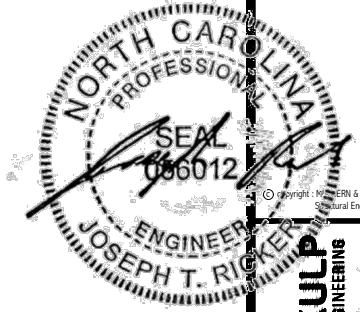


**FIRST FLOOR FRAMING PLAN**  
SCALE: 1/8"=1'-0"

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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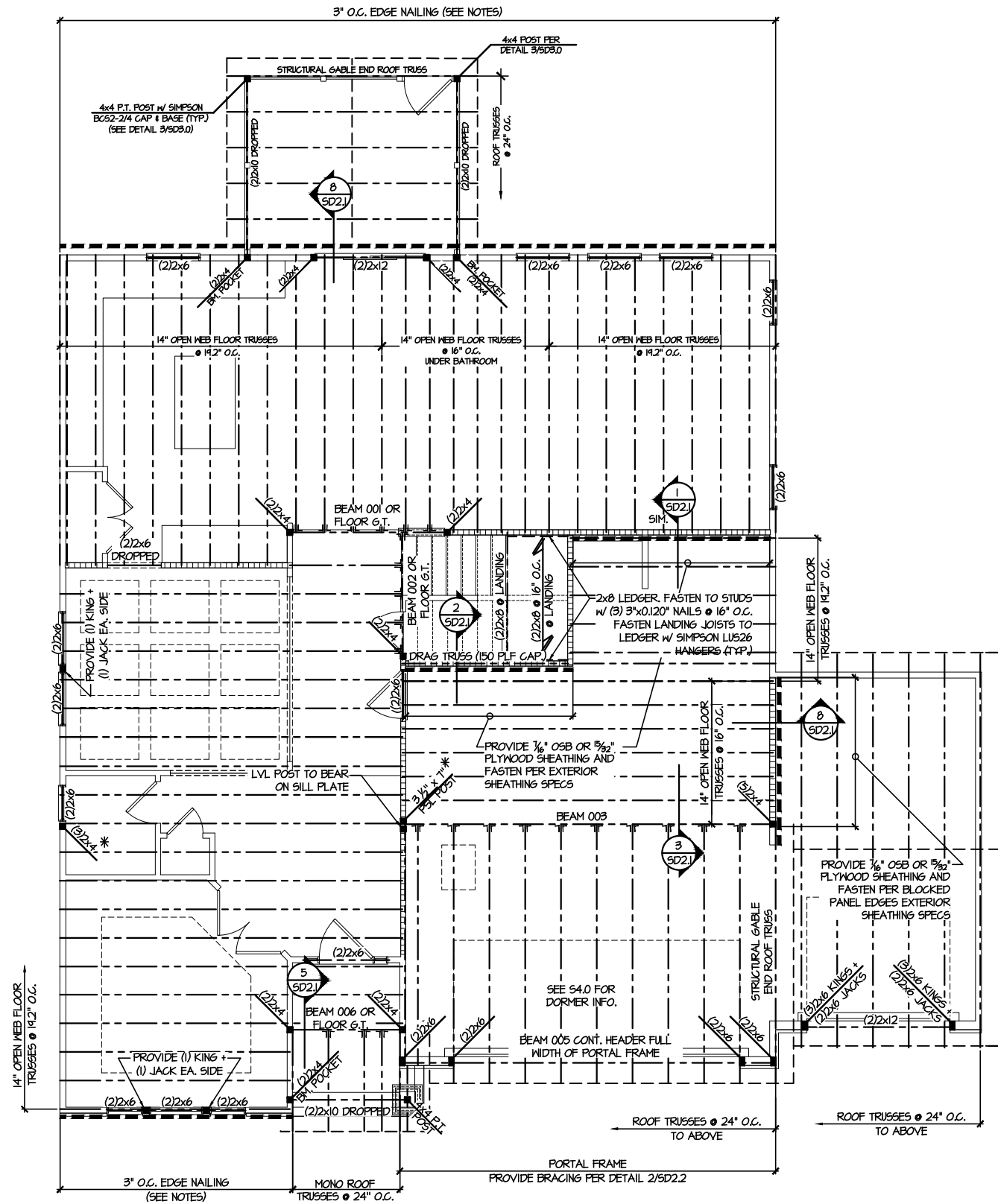
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126-24045  
project mgr: JTR  
drawn by: AV  
issue date: 12-19-24

REVISIONS:

**DRB**  
HOMES

FLOOR FRAMING PLANS  
CAMPBELL RIDGE  
LOT 07 - DRAYTON 4  
RALEIGH, NC

sheet:  
**S3.0**



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

REFER TO S.O. FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

**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.

**ENGINEERED BEAM MATERIAL SCHEDULE**

BEAM NUMBER	LVL OPTION	PSL OPTION	LSL OPTION	FLITCH OPTION	STEEL OPTION
001	(2) 3/4"x14" - F	3/4"x14" - F	(2) 3/4"x14" - F	(2) 2x12 + (1) 1/4"x10" STEEL FLITCH PLATES - FB	M2x14 - F
002	(2) 3/4"x14" - F	3/4"x14" - F	(2) 3/4"x14" - F	(2) 2x12 + (1) 1/4"x10" STEEL FLITCH PLATES - FB	M2x14 - F
003	(3) 3/4"x10" - FB or (2) 3/4"x20" - FB	3/4"x10" - FB	N/A	(3) 2x12 + (2) 3/8"x10" STEEL FLITCH PLATES - FB	M2x26 - F
004	(2) 3/4"x14" - F	3/4"x14" - F	(2) 3/4"x14" - F	(2) 2x12 + (1) 1/4"x10" STEEL FLITCH PLATES - FB	M2x14 - F
005	(2) 3/4"x11 1/2" - H cont.	3/4"x11 1/2" - H cont.	(2) 3/4"x11 1/2" - H cont.	(3) 2x12 + (2) 3/8"x10 1/2" STEEL FLITCH PLATES - H cont.	N/A
005A	(3) 3/4"x14" - H cont.	3/4"x14" - H cont.	N/A	(3) 2x12 + (2) 3/8"x10 1/2" STEEL FLITCH PLATES - H cont.	N/A
006	(1) 3/4"x14" - F	3/4"x14" - F	(2) 3/4"x14" - F	(2) 2x12 + (1) 1/4"x10" STEEL FLITCH PLATES - FB	M2x14 - F
007	(2) 3/4"x11 1/2" - D	3/4"x11 1/2" - D	(2) 3/4"x11 1/2" - D	(2) 2x12 + (1) 1/4"x10" STEEL FLITCH PLATES - D	M10x2 - D
008	(2) 3/4"x16" - H cont.	3/4"x16" - H cont.	(3) 3/4"x16" - H cont.	(3) 2x12 + (2) 3/8"x10" STEEL FLITCH PLATES - H cont.	N/A
009	(2) 3/4"x14" - F	3/4"x14" - F	(2) 3/4"x14" - F	(2) 2x10 + (1) 1/4"x10" STEEL FLITCH PLATES - F	M2x10 - F
010	(2) 3/4"x14" - F	3/4"x14" - F	(2) 3/4"x14" - F	(2) 2x12 + (1) 1/4"x10" STEEL FLITCH PLATES - FB	M2x14 - F
011	(2) 3/4"x14" - F	3/4"x14" - F	(2) 3/4"x14" - F	(2) 2x12 + (1) 1/4"x10" STEEL FLITCH PLATES - FB	M2x14 - F
012	(2) 3/4"x11 1/2" - D	3/4"x11 1/2" - D	(2) 3/4"x11 1/2" - D	(2) 2x12 + (1) 1/4"x10" STEEL FLITCH PLATES - D	M10x2 - D

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

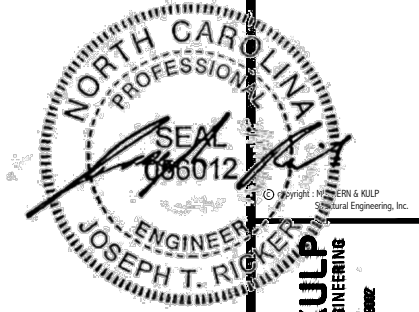
• REFER TO DETAIL D/SD2.0 FOR TYPICAL FLITCH BEAM CONNECTIONS

• REFER TO DETAIL E/SD2.0 FOR TYPICAL STEEL BEAM CONNECTIONS

• FOR FLUSH TOP BEAMS PROVIDE 2X STACKED PLATES BENEATH BEAM AS REQ'D. FASTEN PLATES IN SUCCESSION W/ (2) 3"x0.120" NAILS @ 8" O.C.

• FOR FLUSH BOTTOM BEAMS PROVIDE 2X STACKED PLATES ATOP BEAM AS REQ'D. FASTEN PLATES IN SUCCESSION W/ (2) 3"x0.120" NAILS @ 8" O.C.

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



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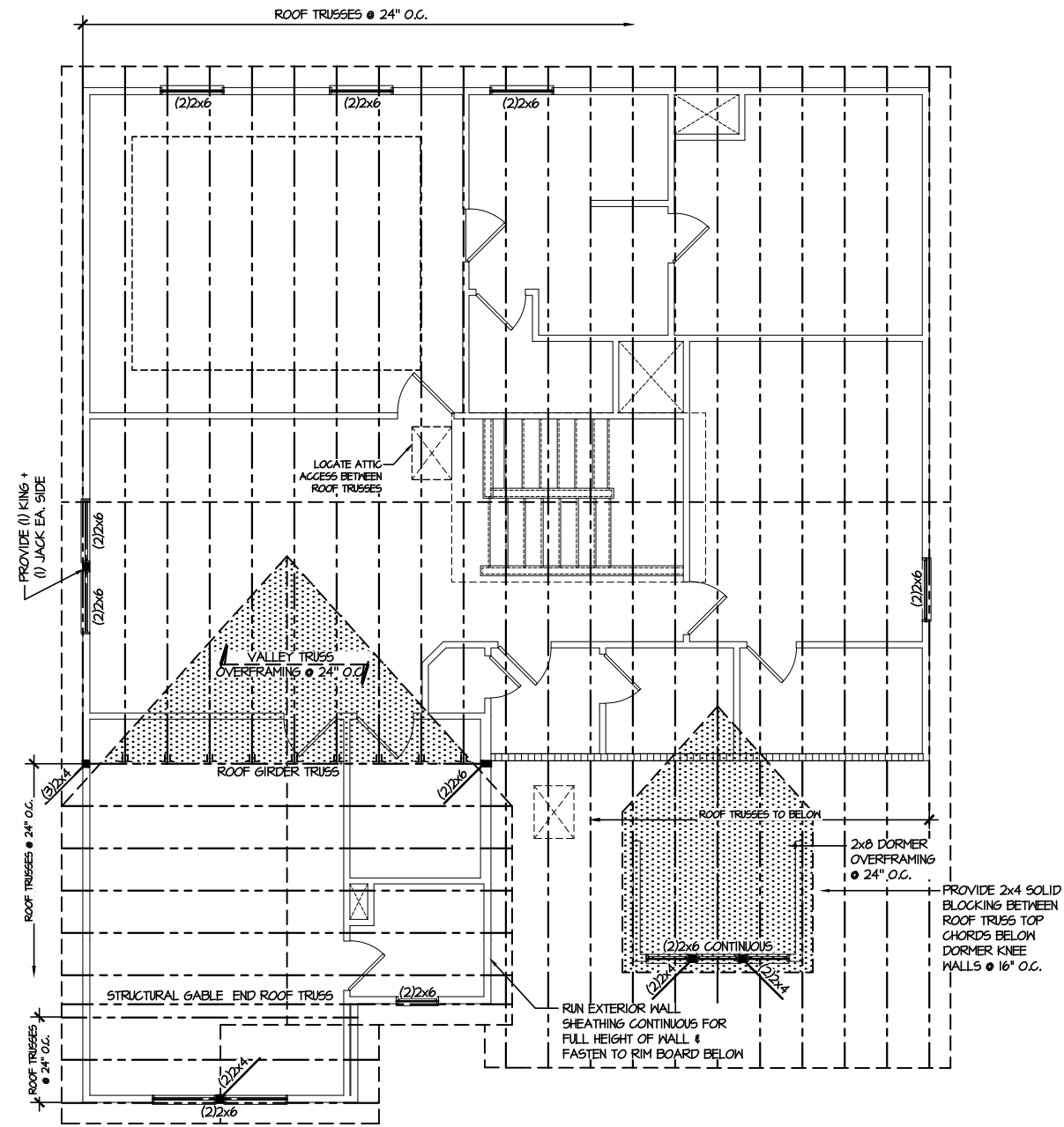
M&K project number:  
126-24045  
project mgr: JTR  
drawn by: AV  
issue date: 12-19-24

REVISIONS:




ROOF FRAMING PLANS  
CAMPBELL RIDGE  
LOT 07 - DRAYTON 4  
RALEIGH, NC

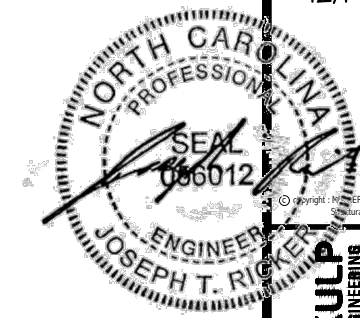
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**1 ROOF FRAMING PLAN**  
SCALE: 1/8"=1'-0"

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 S.O. FOR TYPICAL STRUCTURAL NOTES & SCHEDULES



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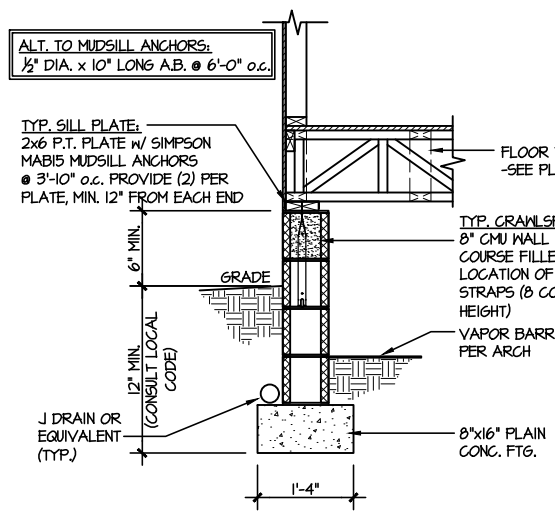
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REVISIONS:

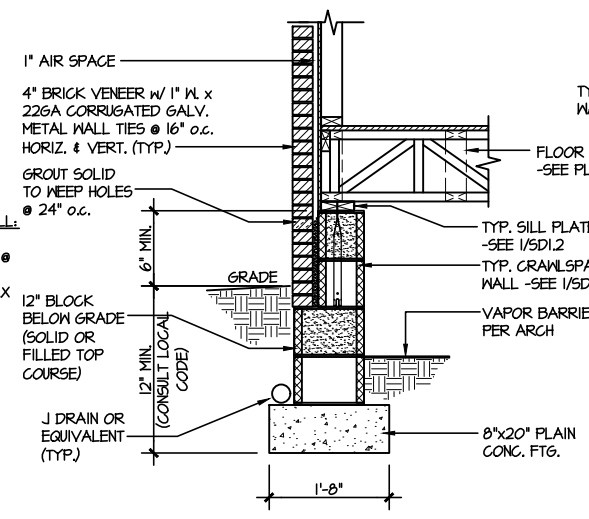
**DRB**  
HOMES

FOUNDATION DETAILS  
CAMPBELL RIDGE  
LOT 07 - DRAYTON 4  
RALEIGH, NC

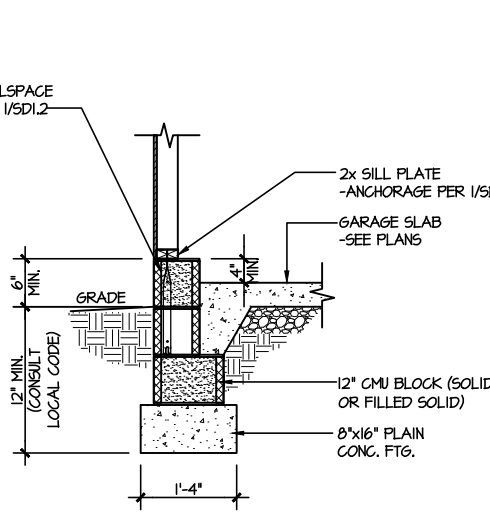
sheet:  
**SD1.2**



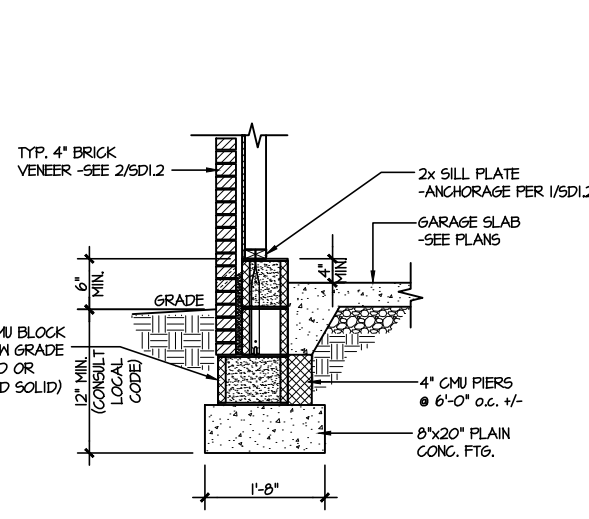
1 TYPICAL CRAWLSPACE FOUNDATION  
SCALE: 3/8"=1'-0"



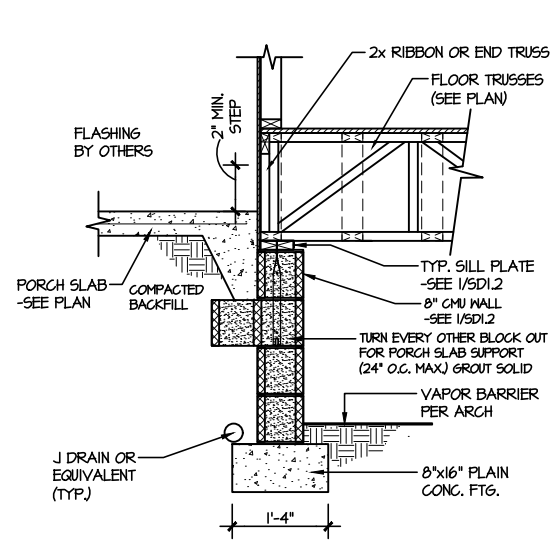
2 TYPICAL CRAWLSPACE FOUNDATION  
SCALE: 3/8"=1'-0" w/ BRICK VENEER



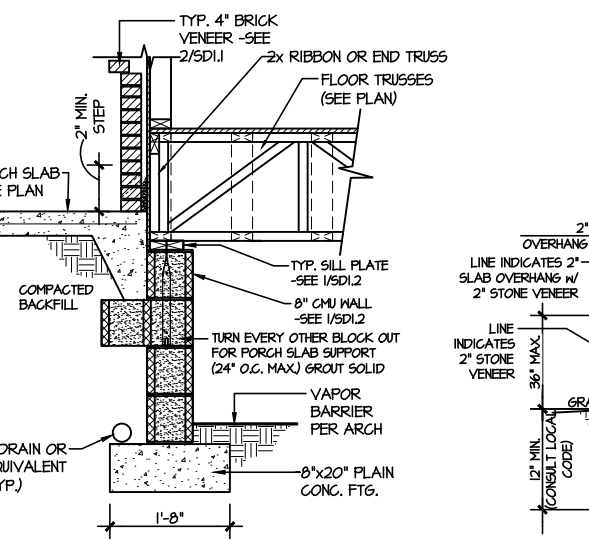
3 TYPICAL GARAGE FOUNDATION  
SCALE: 3/8"=1'-0"



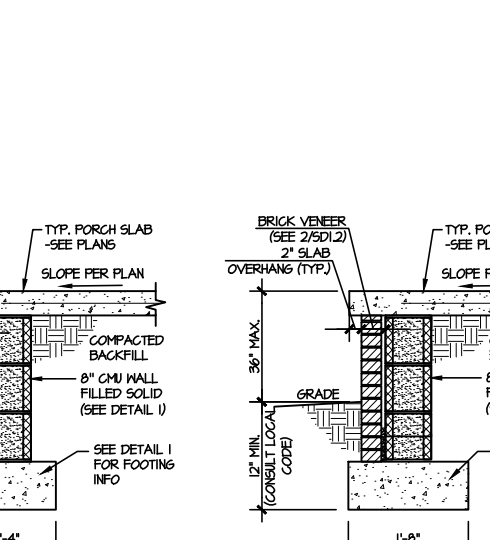
4 TYPICAL GARAGE FOUNDATION  
SCALE: 3/8"=1'-0" w/ BRICK VENEER



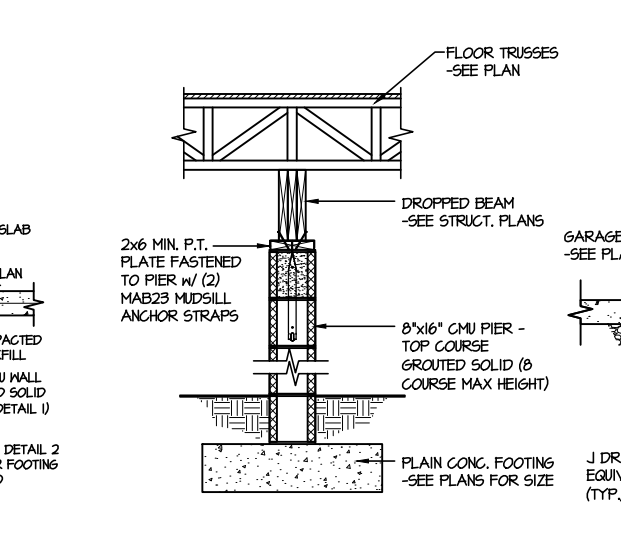
5 TYPICAL CRAWLSPACE FOUNDATION @ PORCH/PATIO SLAB  
SCALE: 3/8"=1'-0" (REFER TO DETAIL 12 FOR WOOD PORCH OPTION)



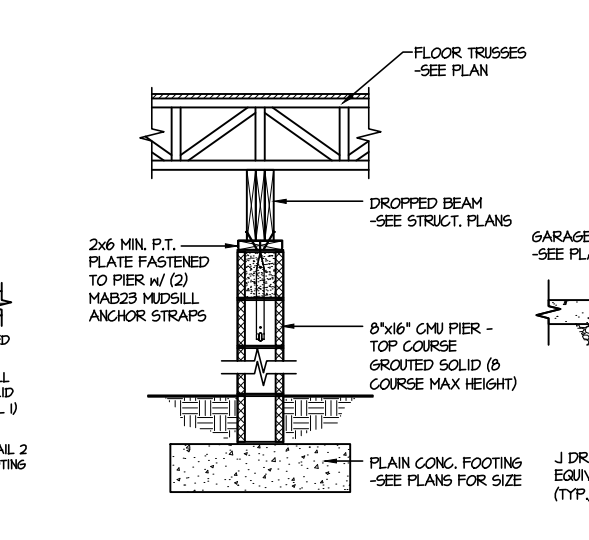
6 TYPICAL CRAWLSPACE FOUNDATION @ PORCH/PATIO SLAB  
SCALE: 3/8"=1'-0" w/ BRICK VENEER



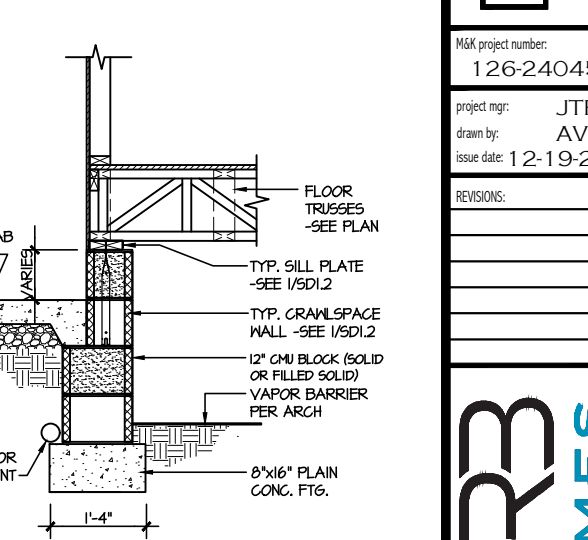
7A TYP. FOOTING @ PORCH SLAB  
SCALE: 3/8"=1'-0"



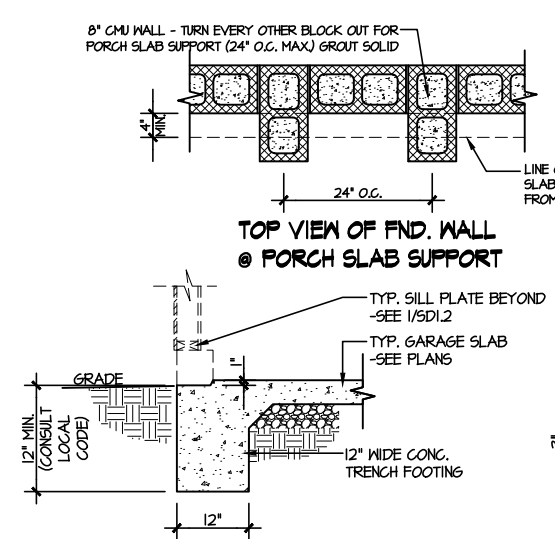
7B TYP. FOOTING @ PORCH SLAB  
SCALE: 3/8"=1'-0" w/ BRICK VENEER



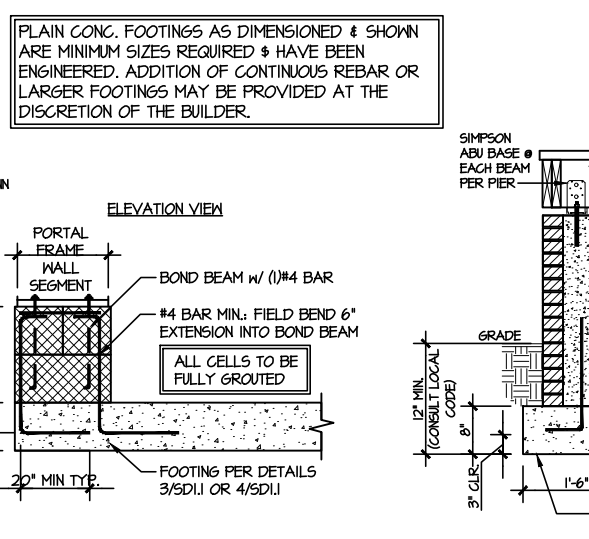
8 TYPICAL CRAWLSPACE FND. @ INTERIOR PIER  
SCALE: 3/8"=1'-0"



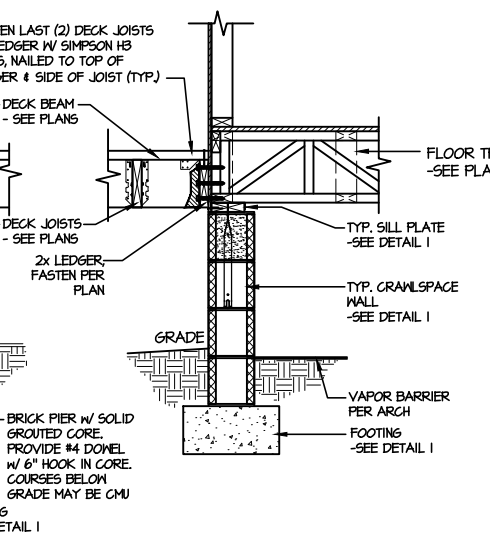
9 TYPICAL CRAWLSPACE FOUNDATION @ GARAGE  
SCALE: 3/8"=1'-0"



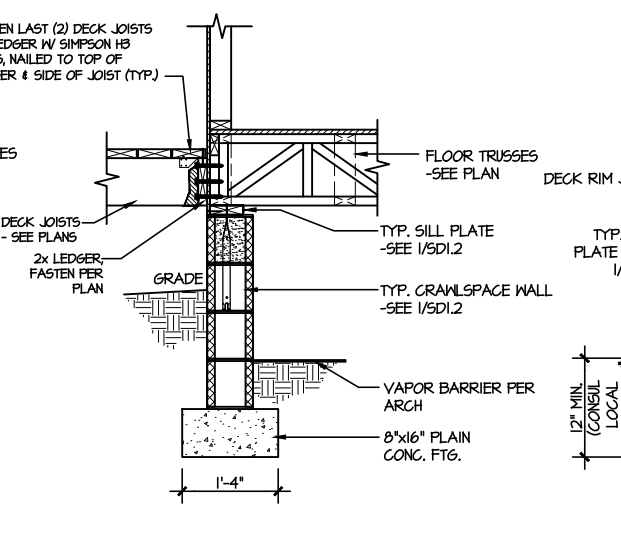
10 TYPICAL SLAB ON GRADE GARAGE ENTRY @ PERIMETER FOOTING  
SCALE: 3/8"=1'-0"



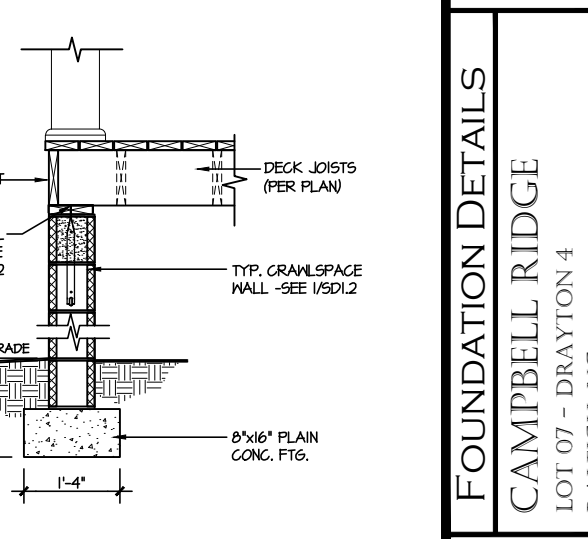
A GARAGE PORTAL FRAME STEM WALL REINFORCEMENT  
SCALE: 3/8"=1'-0"



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"

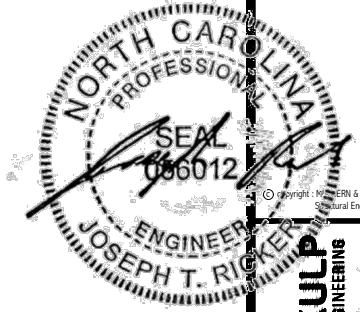


13 TYPICAL CRAWLSPACE FOUNDATION @ WOOD PORCH/DECK PERIMETER  
SCALE: 3/8"=1'-0"

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.

FILE: RLH - Campbell Ridge - Lot 7 - Structurals DATE: 12/19/2024 11:46 AM





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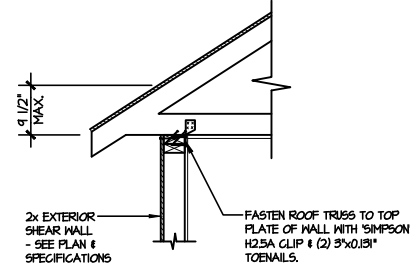
M&K project number:  
**126-24045**  
project mgr: JTR  
drawn by: AV  
issue date: 12-19-24

REVISIONS:

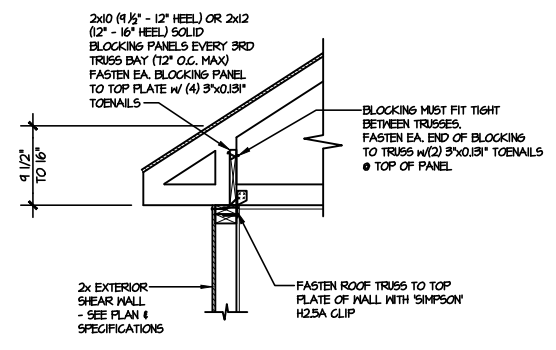
**DRB**  
**HOMES**

FRAMING DETAILS  
**CAMPBELL RIDGE**  
LOT 07 - DRAYTON 4  
RALEIGH, NC

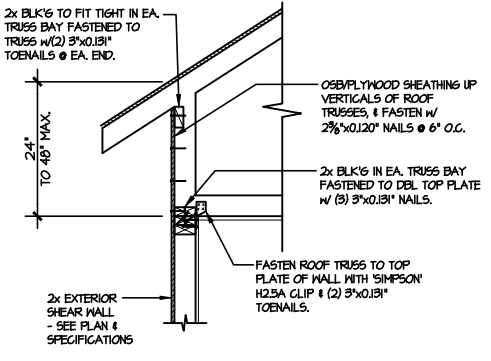
sheet:  
**SD2.0**



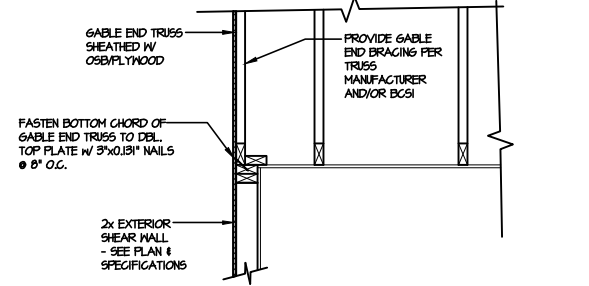
**(A1) TYPICAL SHEAR TRANSFER DETAIL @ ROOF**  
SCALE: 3/8"=1'-0"  
HEEL HEIGHT LESS THAN 4 1/2" - NO BLOCKING REQ'D



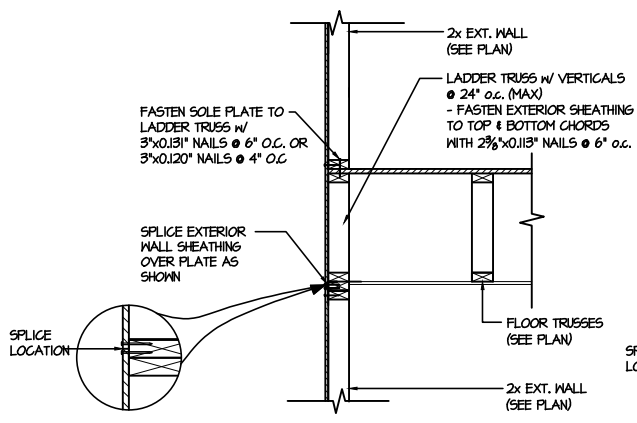
**(A2) TYPICAL SHEAR TRANSFER DETAIL @ ROOF**  
SCALE: 3/8"=1'-0"  
HEEL HEIGHT BETWEEN 4 1/2" - 16" - BLOCKING REQ'D



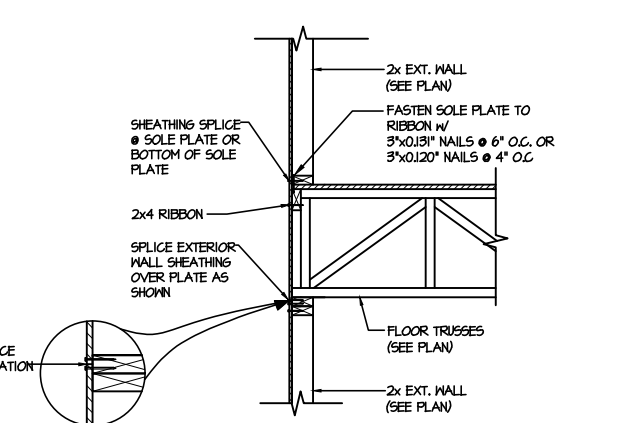
**(A3) TYPICAL SHEAR TRANSFER DETAIL @ RAISED HEEL TRUSS**  
SCALE: 3/8"=1'-0"  
HEEL HEIGHT UP TO 48" MAX.



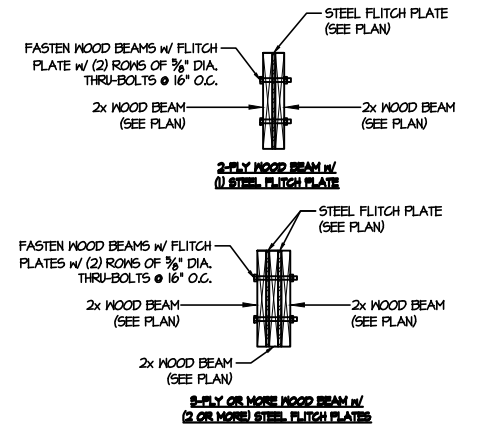
**(B) TYPICAL GABLE END DETAIL**  
SCALE: 3/8"=1'-0"



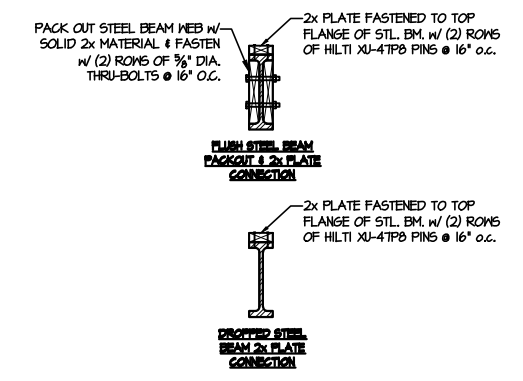
**(C1) TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL**  
SCALE: 3/8"=1'-0"  
PARALLEL FRG



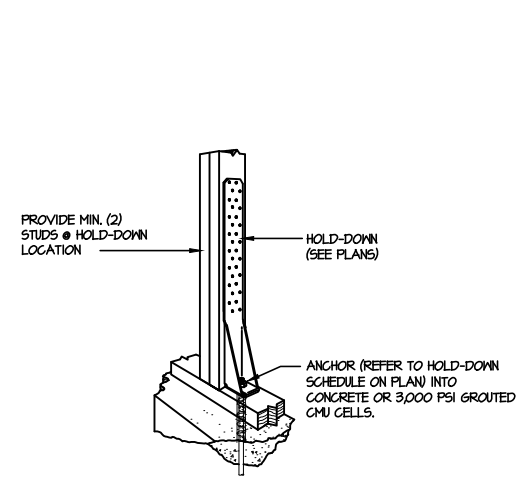
**(C2) TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL**  
SCALE: 3/8"=1'-0"  
PERPENDICULAR FRG



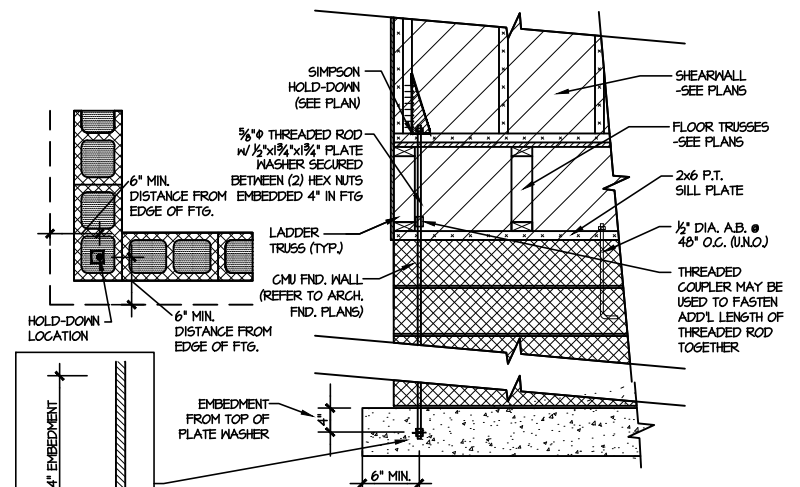
**(D) TYPICAL FLITCH BEAM CONNECTION DETAIL**  
SCALE: 3/4"=1'-0"



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



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



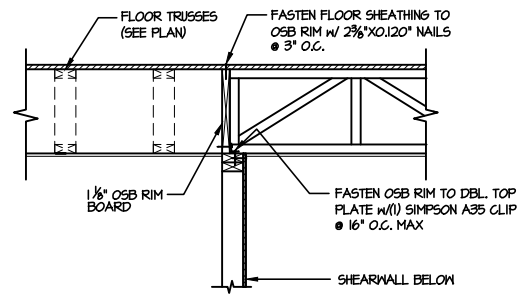
**(F2) TYPICAL CMU FOUNDATION HOLD-DOWN INSTALLATION**  
SCALE: N.T.S. (CORNER SHOWN - APPLICABLE TO ALL CONDITIONS)

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

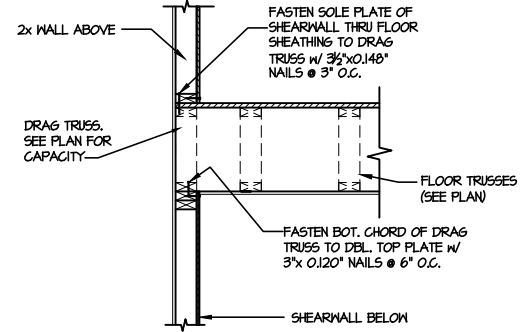
NUMBERED DETAILS ARE PLAN SPECIFIC AND ARE ONLY REQUIRED WHERE SPECIFICALLY INDICATED ("CUT") ON THE PLANS.



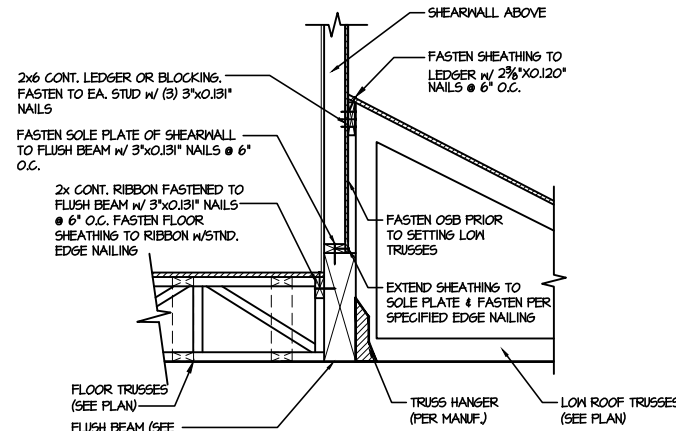
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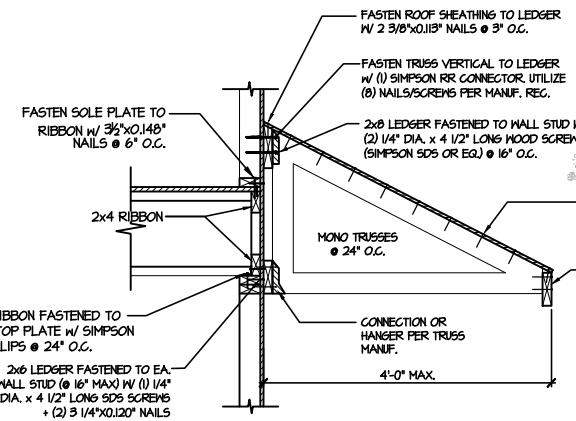
1 SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL BELOW  
SCALE: 3/4"=1'-0" PARALLEL FRAMING



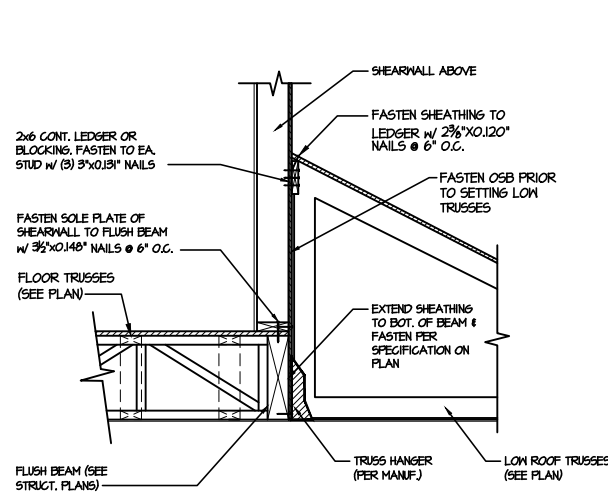
2 SHEAR TRANSFER DETAIL @ INT. SHEARWALL ABOVE & BELOW  
SCALE: 3/4"=1'-0" EDGE OF FRAMING



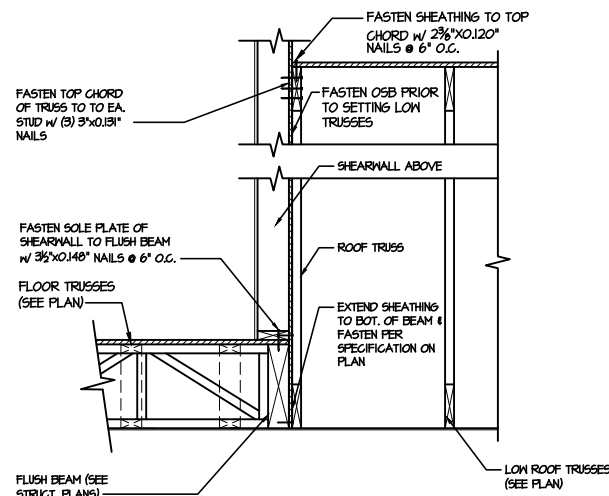
3 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE  
SCALE: 3/4"=1'-0"



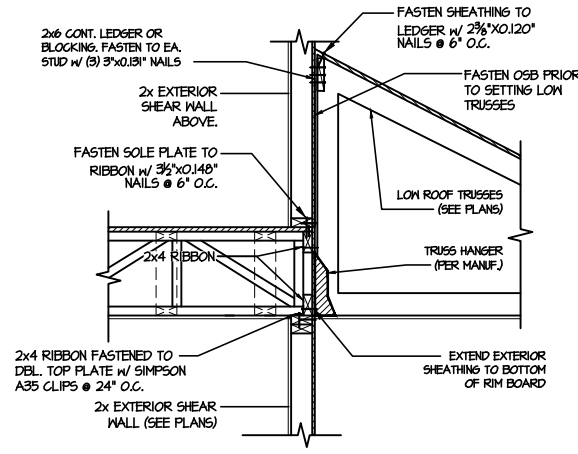
4 DETAIL @ SHED ROOF  
SCALE: 3/8"=1'-0"



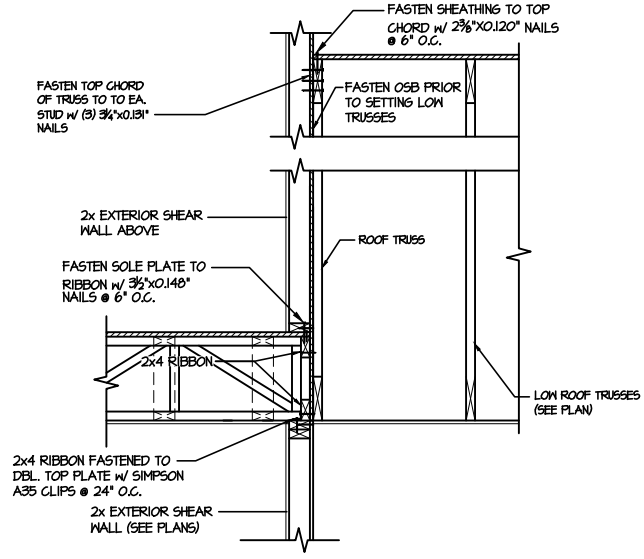
5 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE  
SCALE: 3/4"=1'-0"



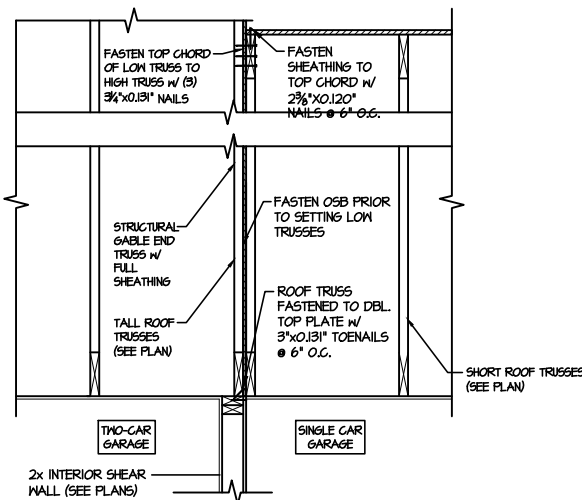
6 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE  
SCALE: 3/4"=1'-0"



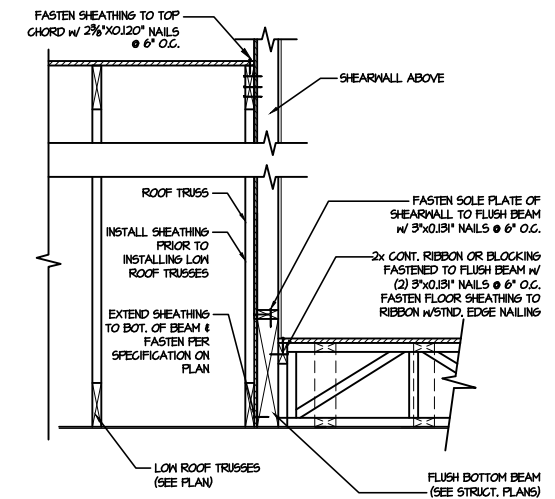
7 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL  
SCALE: 3/4"=1'-0"



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



9 TYPICAL SHEAR TRANSFER DETAIL BETWEEN GARAGE BAYS  
SCALE: 3/4"=1'-0"



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

M&K project number: 126-24045  
project mgr: JTR  
drawn by: AV  
issue date: 12-19-24

REVISIONS:

DRB HOMES

FRAMING DETAILS  
CAMPBELL RIDGE  
LOT 07 - DRAYTON 4  
RALEIGH, NC

sheet:

SD2.1A



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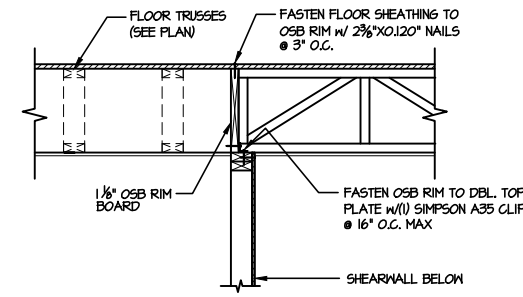
REVISIONS:

**DRB**  
**HOMES**

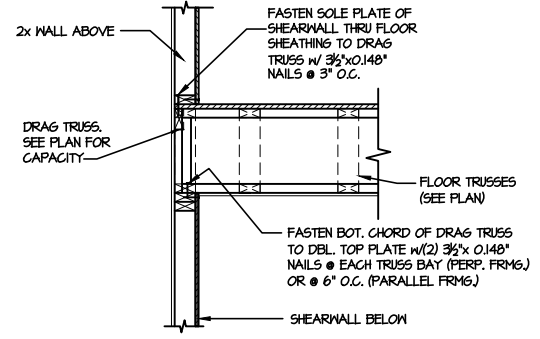
FRAMING DETAILS  
**CAMPBELL RIDGE**  
LOT 07 - DRAYTON 4  
RALEIGH, NC

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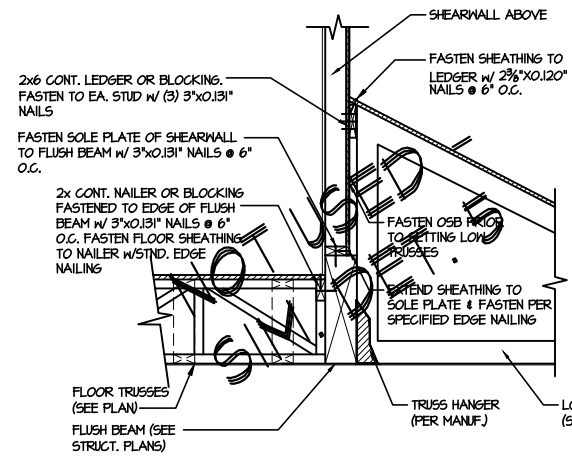
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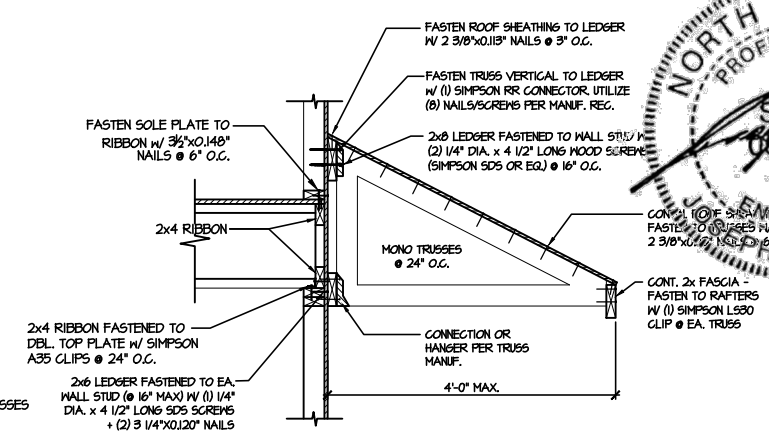
**1** SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL BELOW  
SCALE: 3/4"=1'-0"  
PARALLEL FRAMING



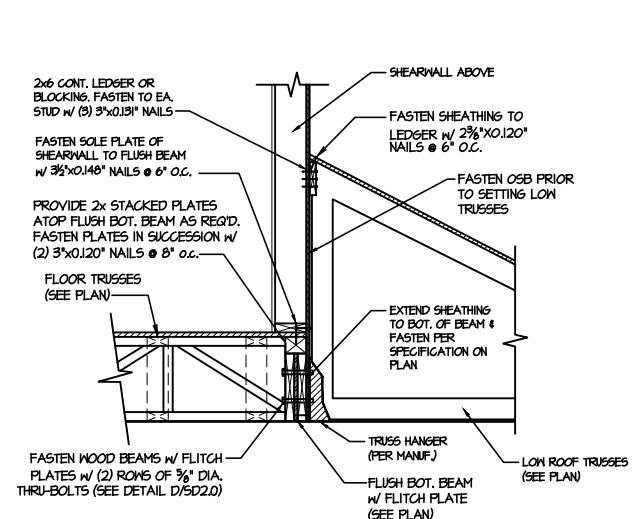
**2** SHEAR TRANSFER DETAIL @ INT. SHEARWALL ABOVE & BELOW  
SCALE: 3/4"=1'-0"  
EDGE OF FRAMING



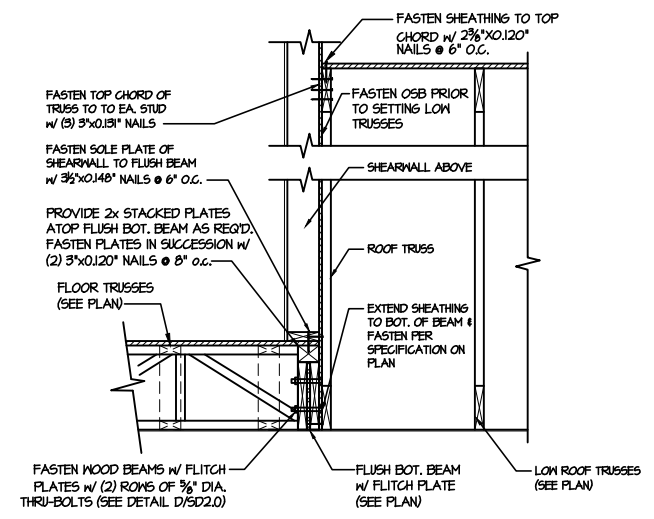
**3** SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE  
SCALE: 3/4"=1'-0"



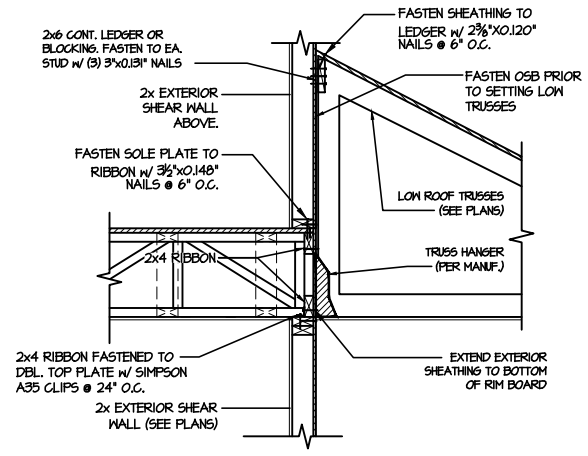
**4** DETAIL @ SHED ROOF  
SCALE: 3/8"=1'-0"



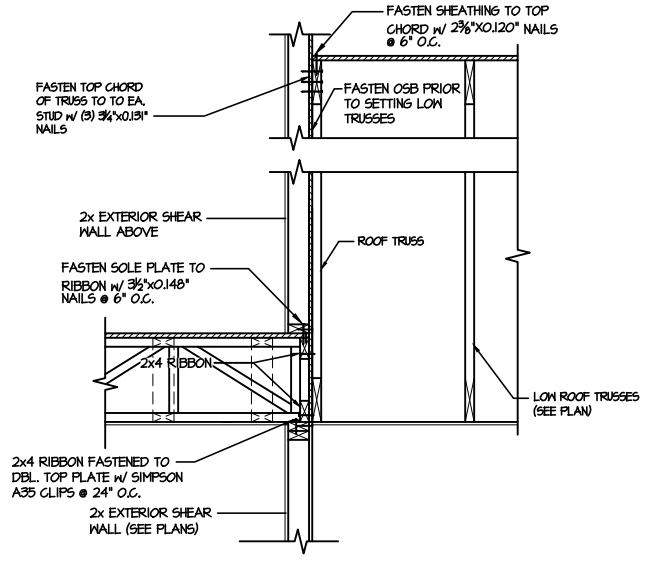
**5** SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE  
SCALE: 3/4"=1'-0"



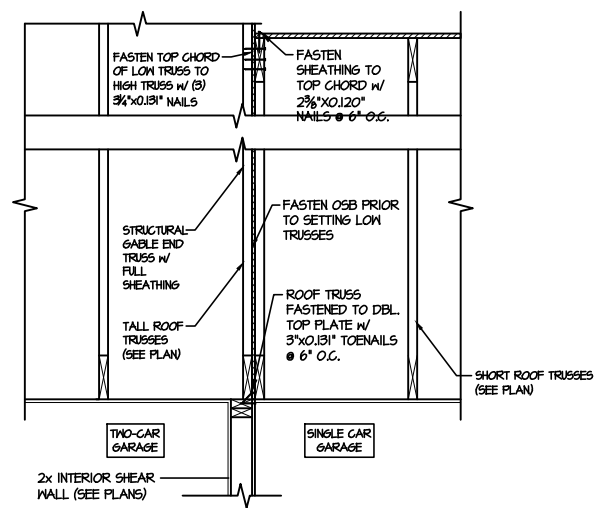
**6** SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE  
SCALE: 3/4"=1'-0"



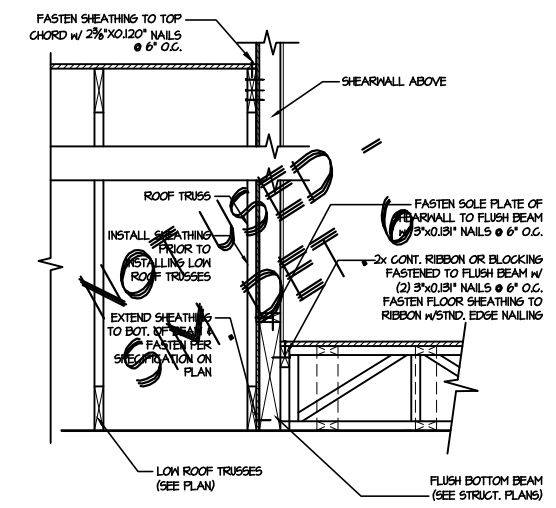
**7** TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL  
SCALE: 3/4"=1'-0"



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



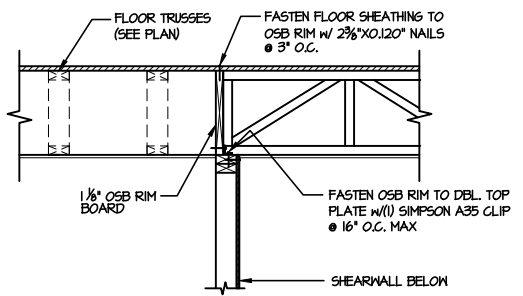
**9** TYPICAL SHEAR TRANSFER DETAIL BETWEEN GARAGE BAYS  
SCALE: 3/4"=1'-0"



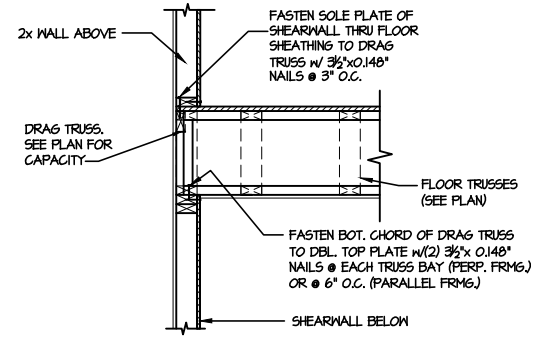
**13** SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE  
SCALE: 3/4"=1'-0"

FILE: RLH - Campbell Ridge - Lot 7 - Structural DATE: 12/19/2024 11:46 AM

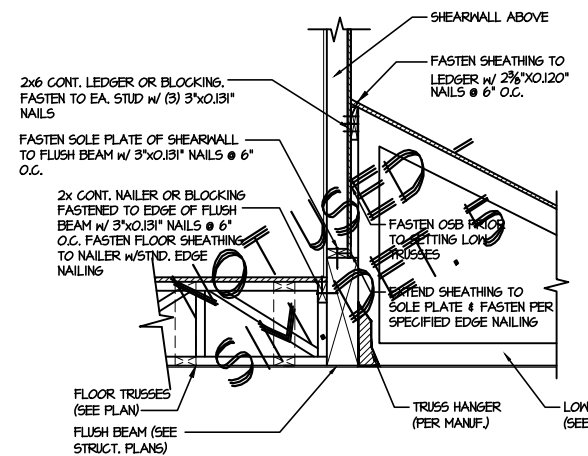




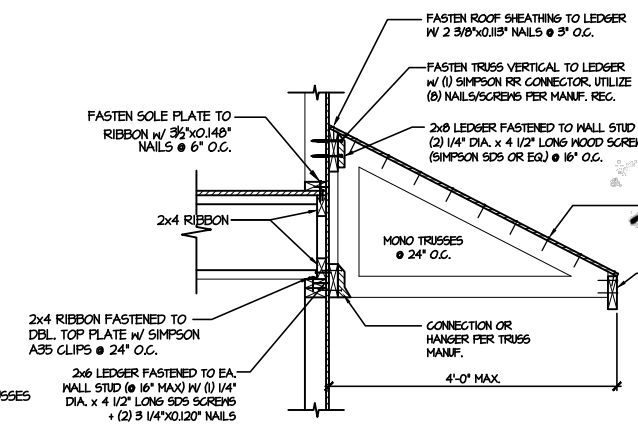
**1 SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL BELOW**  
SCALE: 3/4"=1'-0" PARALLEL FRAMING



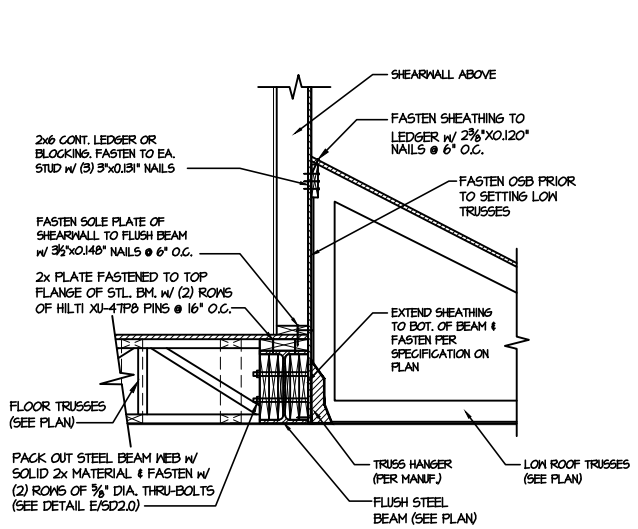
**2 SHEAR TRANSFER DETAIL @ INT. SHEARWALL ABOVE & BELOW**  
SCALE: 3/4"=1'-0" EDGE OF FRAMING



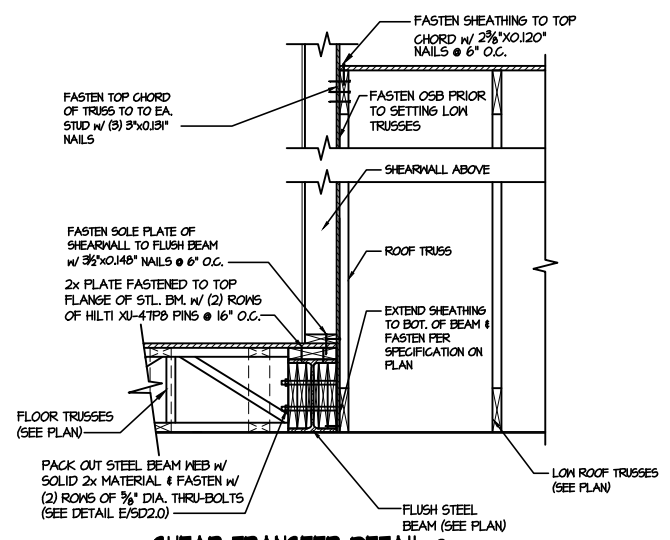
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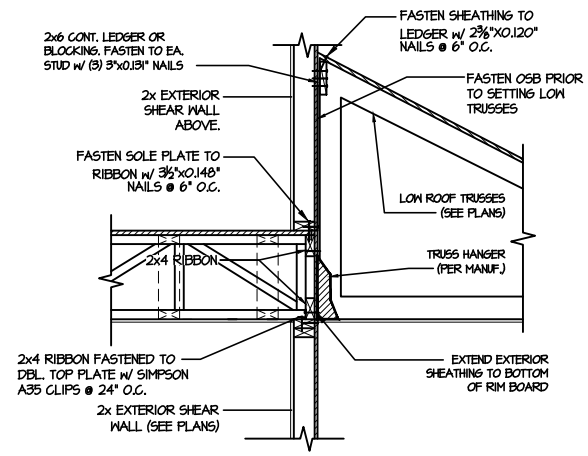
**4 DETAIL @ SHED ROOF**  
SCALE: 3/8"=1'-0"



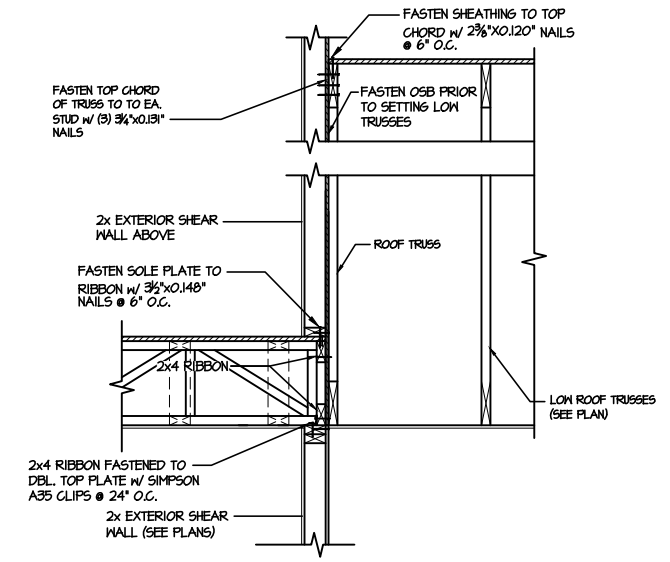
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SCALE: 3/4"=1'-0"



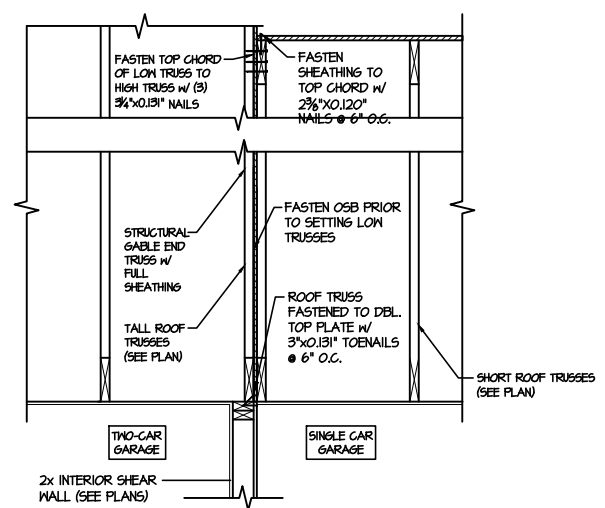
**6 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE**  
SCALE: 3/4"=1'-0"



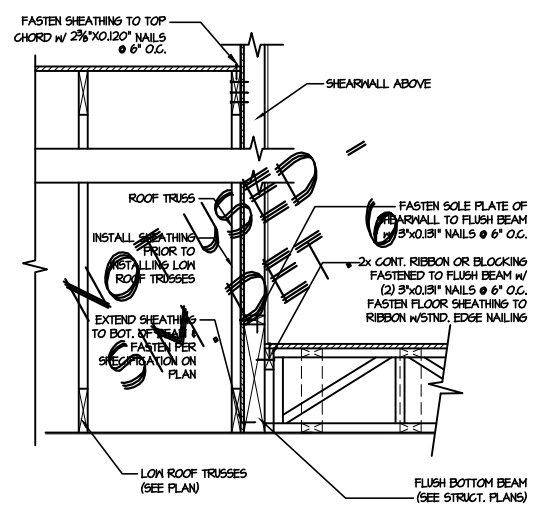
**7 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL**  
SCALE: 3/4"=1'-0"



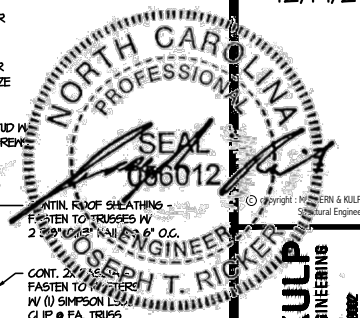
**8 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL**  
SCALE: 3/4"=1'-0"



**9 TYPICAL SHEAR TRANSFER DETAIL BETWEEN GARAGE BAYS**  
SCALE: 3/4"=1'-0"



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

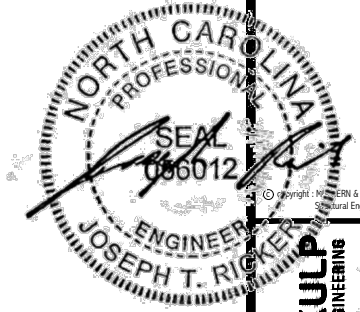


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M&K project number:  
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drawn by: AV  
issue date: 12-19-24



FRAMING DETAILS  
**CAMPBELL RIDGE**  
LOT 07 - DRAYTON 4  
RALEIGH, NC



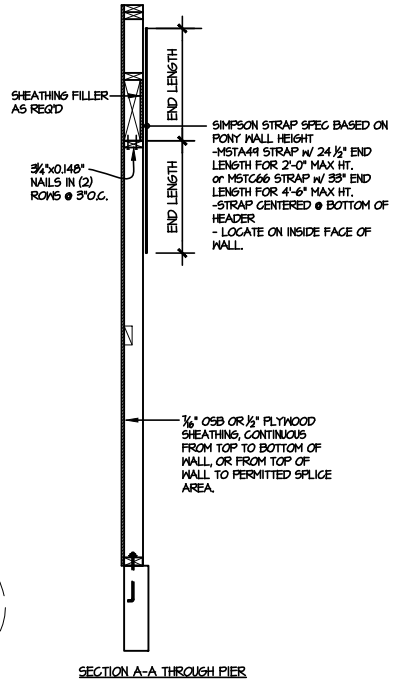
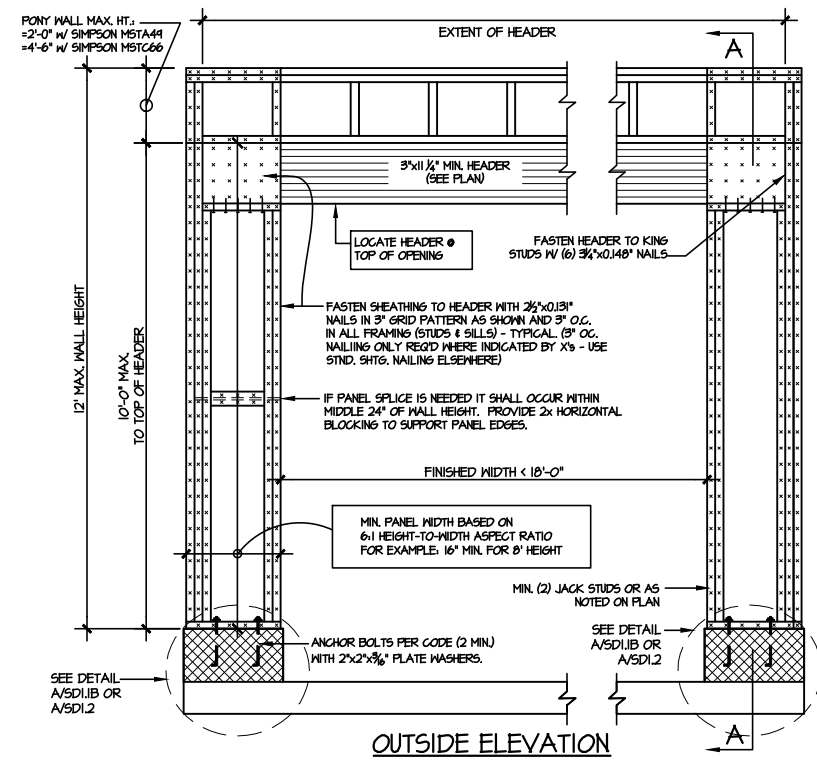
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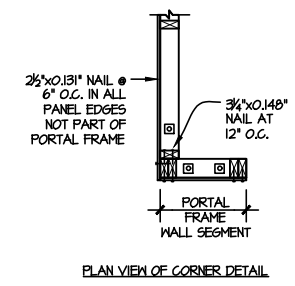
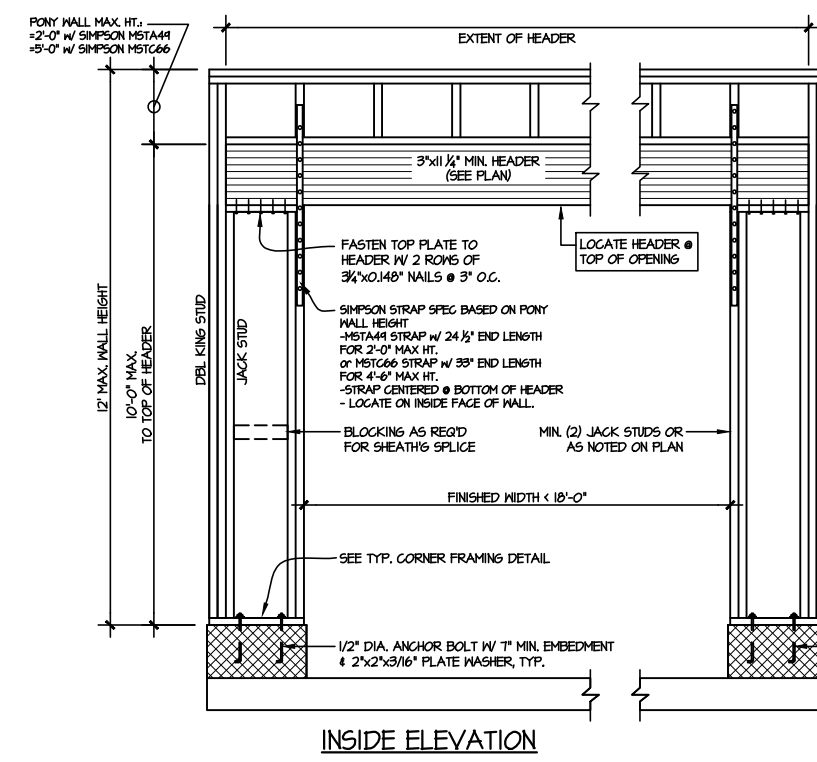
REVISIONS:




FRAMING DETAILS  
CAMPBELL RIDGE  
LOT 07 - DRAYTON 4  
RALEIGH, NC



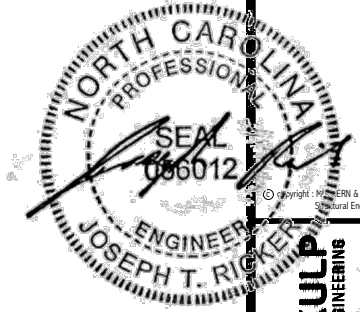
NOTE: ALL SHEATHABLE AREAS OF EXTERIOR WALL SHALL BE FULLY SHEATHED WITH 1/2" PLYWOOD OR 1/4" OSB



ALTERNATIVE TO 1/2" DIA. ANCHOR BOLT:  
1) 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 CMU STEM

SCALE: N.T.S.



**MULHERN+KULP**  
RESIDENTIAL STRUCTURAL ENGINEERING  
300 Duneside Ave., Building 4 - Anahim, PA 19002  
P: 215-998-9281 - mulhern+kulp.com  
NC LICENSE #C-3825



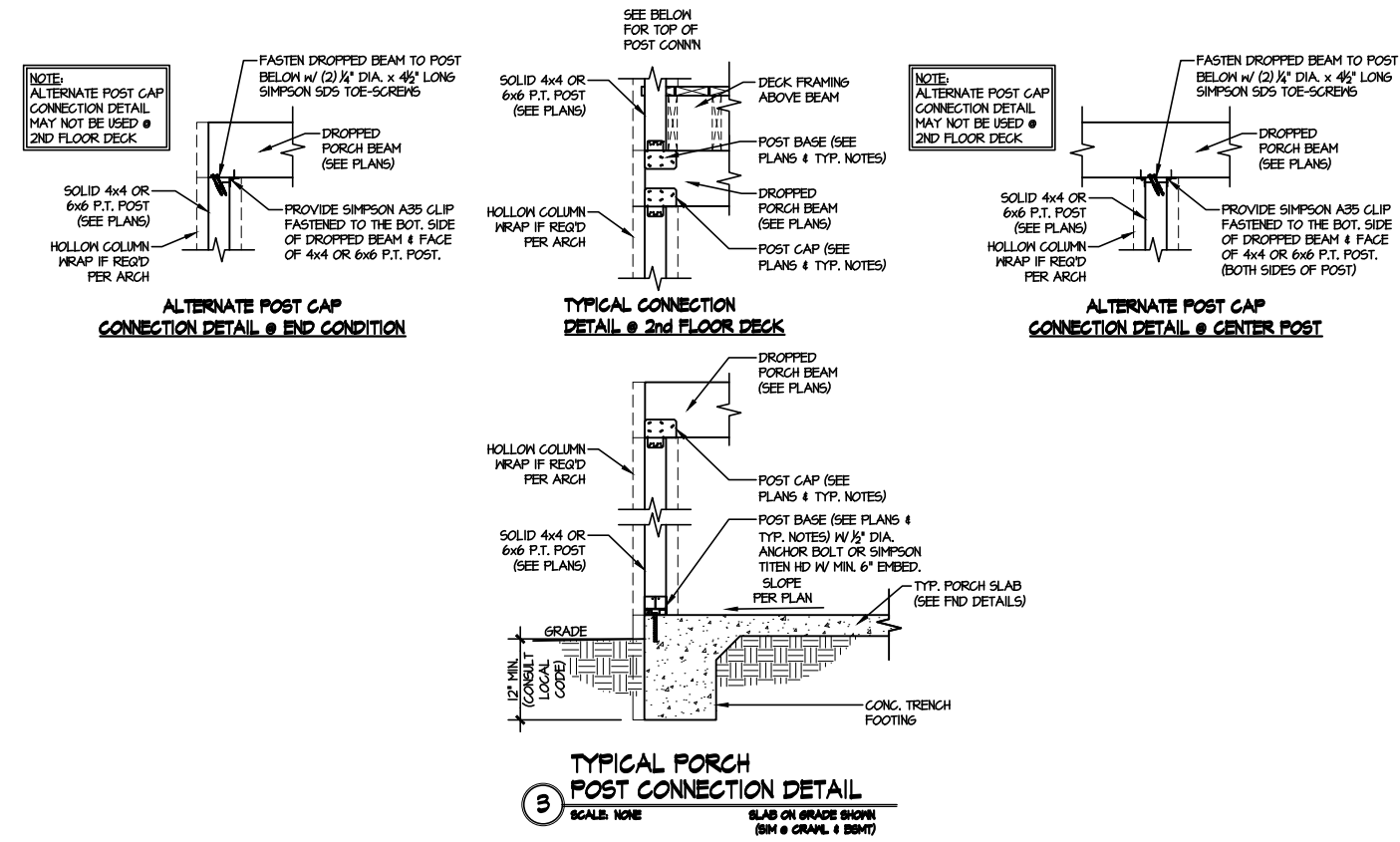
M&K project number:  
**126-24045**  
project mgr: JTR  
drawn by: AV  
issue date: 12-19-24

REVISIONS:



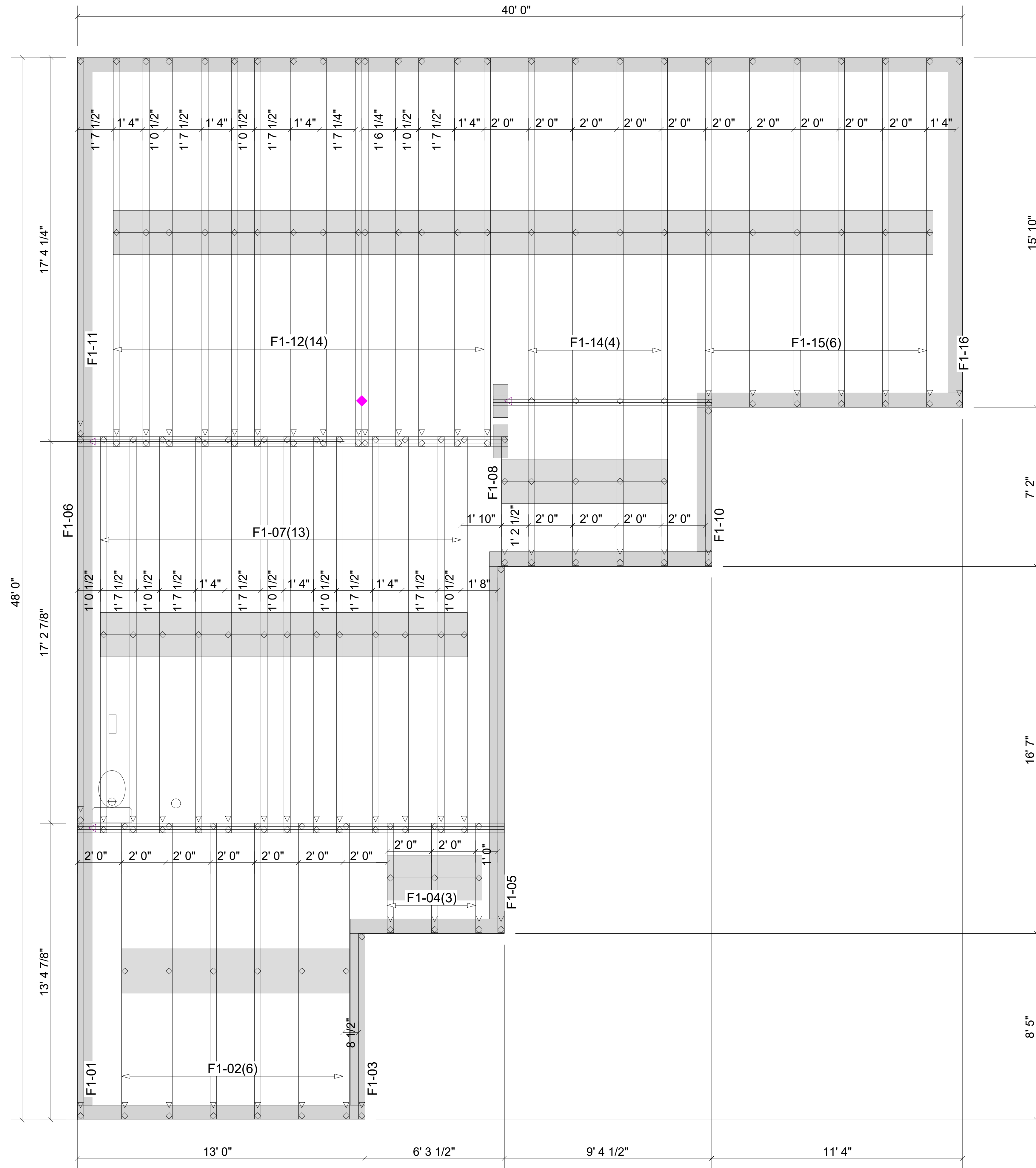

FRAMING DETAILS  
CAMPBELL RIDGE  
LOT 07 - DRAYTON 4  
RALEIGH, NC

sheet:  
**SD3.0**



EXTREME CARE MUST BE TAKEN  
TO NOT SET ANY OF THESE  
TRUSSES BACKWARDS

FLOOR DEPTH 14"



▲ = LEFT END OF TRUSS

REVISIONS:



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

FOR PERMIT

Client: DRB GROUP-RALEIGH

Job: LOT 0.0007 CAMPBELL RIDGE

Plan Information:

DRAYTON-4

NOT TO SCALE

Drawn By: CGT

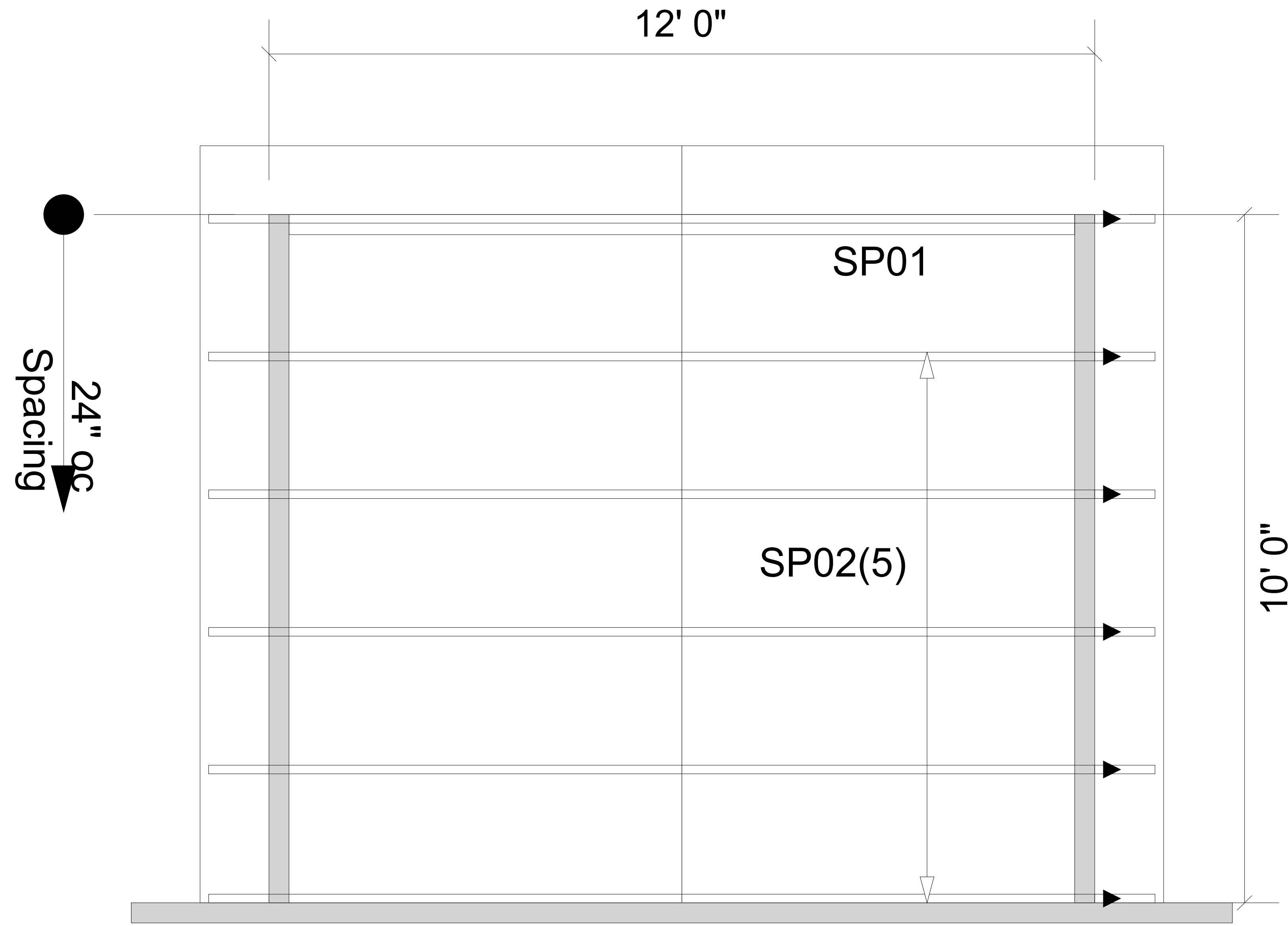
Date: 11/27/24

Job #: 24-B431-F01

Sales Rep: KYLE GIBSON  
Phone:

FLOOR





**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

REVISIONS:

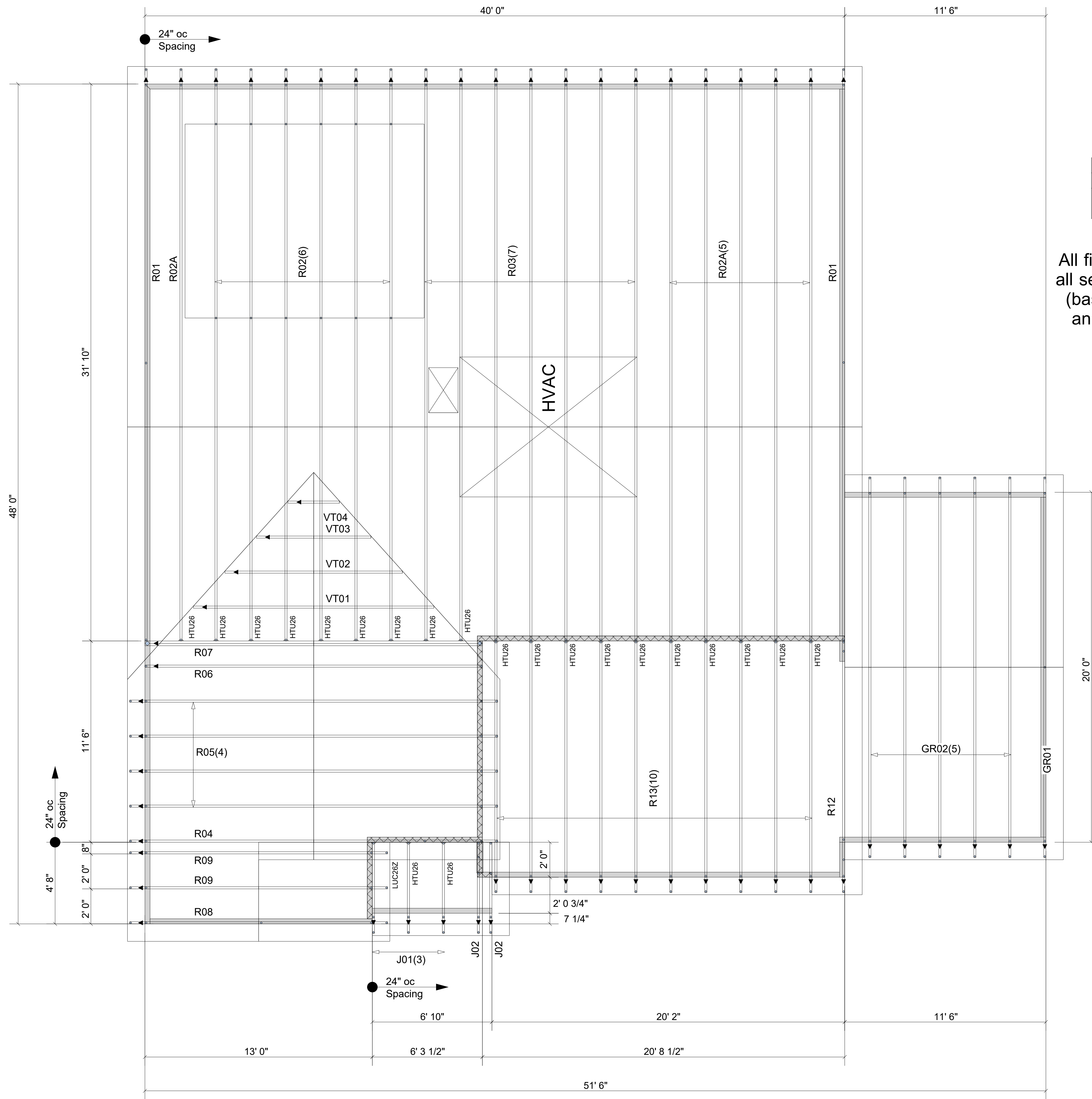


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Sparta, NC (336) 372-2226

FOR PERMIT

Client:	DRB GROUP-RALEIGH
Job:	LOT 0.0007 CAMPBELL RIDGE
Plan Information:	DRAYTON-4
NOT TO SCALE	Date: 11/27/24
Drawn By: CGT	Job #: 24-B431-R01
	Sales Rep: KYLE GIBSON
	Phone:

ROOF



Truss Connector Total List		
Manuf	Product	Qty
Simpson	HTU26	21
	LUC26Z	1

All first-story wall heights are 9-1-8, and all second-story wall heights are 18-5-12 (based on a 14" floor truss depth, and an 8-1-8 second-story ceiling height) unless otherwise indicated.

▲ = LEFT END OF TRUSS

FOR PERMIT

REVISIONS:



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Client: DRB GROUP-RALEIGH

Job: LOT 0.0007 CAMPBELL RIDGE

Plan Information: DRAYTON-4

NOT TO SCALE

Drawn By: CGT

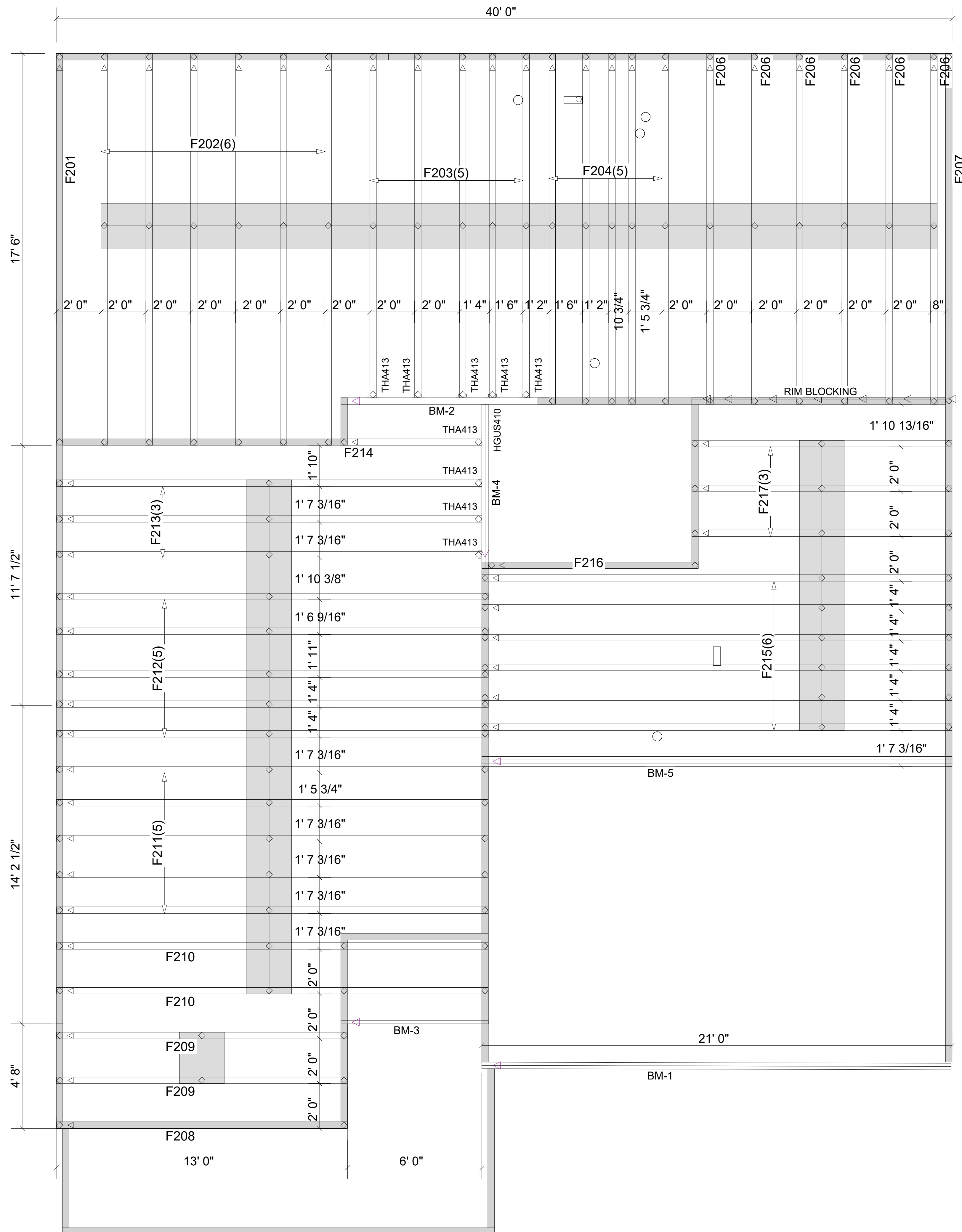
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Products				
PlotID	Length	Product	Plies	Net Qty
BM-1	22' 0"	1-3/4" x 11-7/8" VERSA-LAM® 2.0 3100 SP	2	2
BM-2	10' 0"	1-3/4" x 14" VERSA-LAM® 2.0 3100 SP	2	2
BM-3	8' 0"	1-3/4" x 14" VERSA-LAM® 2.0 3100 SP	1	1
BM-4	8' 0"	1-3/4" x 14" VERSA-LAM® 2.0 3100 SP	2	2
BM-5	22' 0"	1-3/4" x 18" VERSA-LAM® 2.0 3100 SP	3	3
Rim1	12' 0"	1-1/8" x 14" BC RIM BOARD OSB	1	1

Connector Summary			
Qty	Manuf	Product	Flange
1	Simpson	HGUS410	None

Truss Connector Total List		
Manuf	Product	Qty
Simpson	THA413	9

**FOR PERMIT**

Client: **DRB GROUP-RALEIGH**  
 Job: **LOT 0.0007 CAMPBELL RIDGE**  
 Plan Information: **DRAYTON-4**

NOT TO SCALE  
 Drawn By: CGT  
 Date: 11/27/24  
 Job #: 24-B431-F02  
 Sales Rep: KYLE GIBSON  
 Phone:

▲ = LEFT END OF TRUSS

REVISIONS:



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 Sparta, NC (336) 372-2226

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