

DRA YTON-RALE

RALEIGH- LOT 00.0021 CAMPBELL RIDGE SF

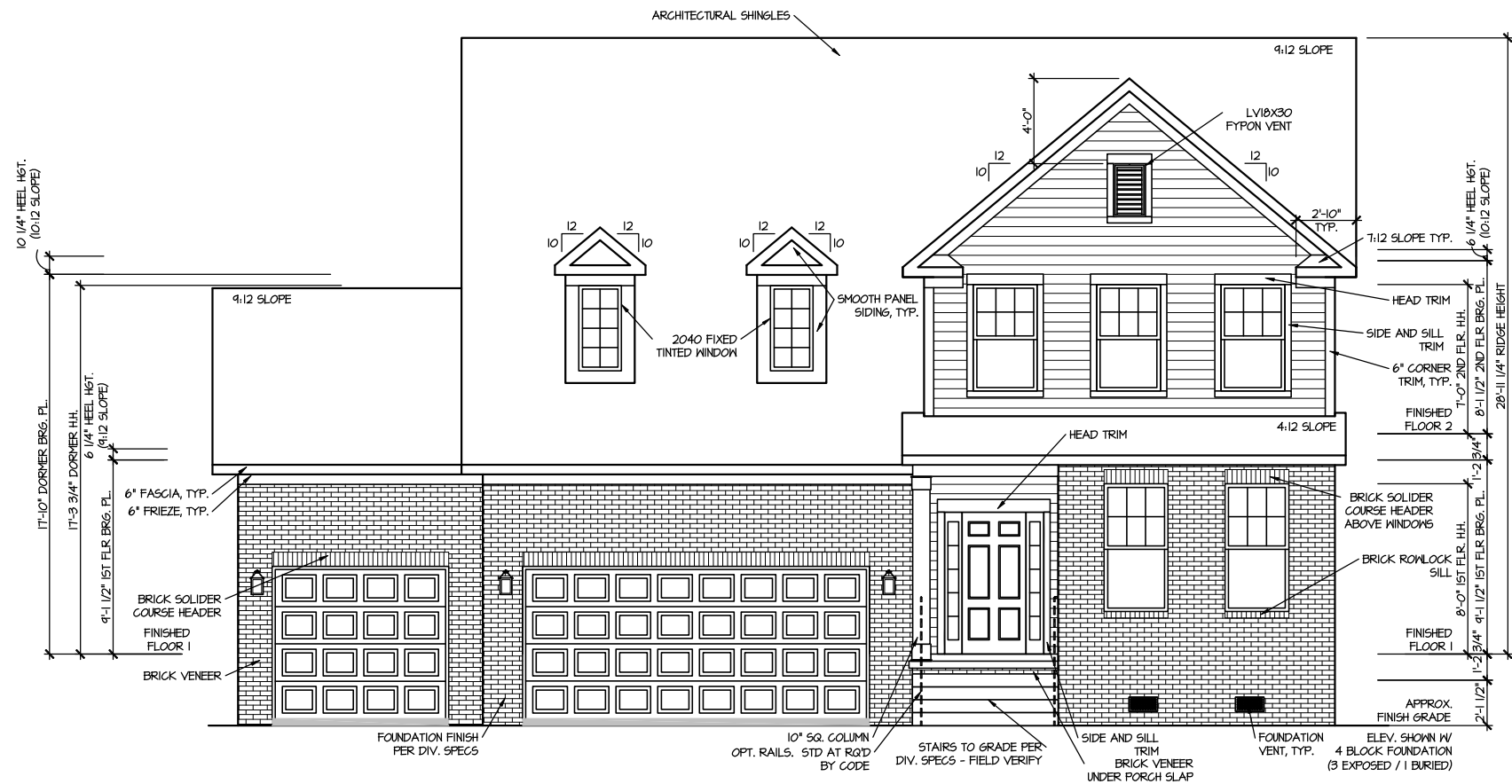
(MODEL# 2695)

ELEVATION 2 - GL

141 ALDEN WAY

[illegible][illegible][illegible]

FILE: Lot_00.0021.dwg DATE: 3/14/2025 12:10 PM



FRONT ELEVATION 2

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



REAR ELEVATION 2

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

MASTER PLAN INFORMATION

DATE

03-06-2019

REVISION

2-RALE

04-26-2024

DRAWN BY:

ITS

DATE:

03/14/2025

PLAN NO.

2695

DRB HOMES

HOUSE NAME:

DRAYTON

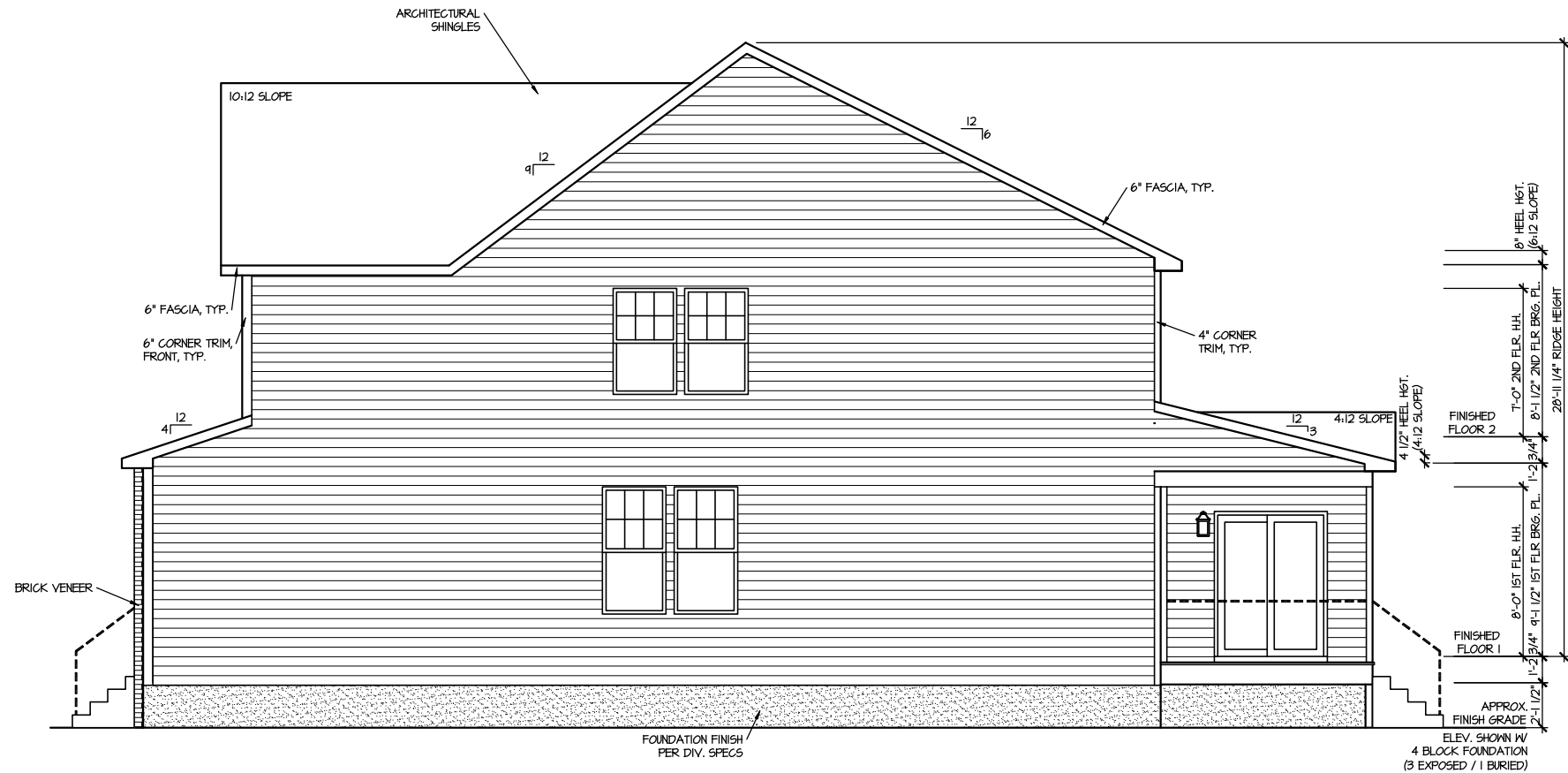
DRAWING TITLE

FRONT & REAR ELEVATIONS

SHEET No.

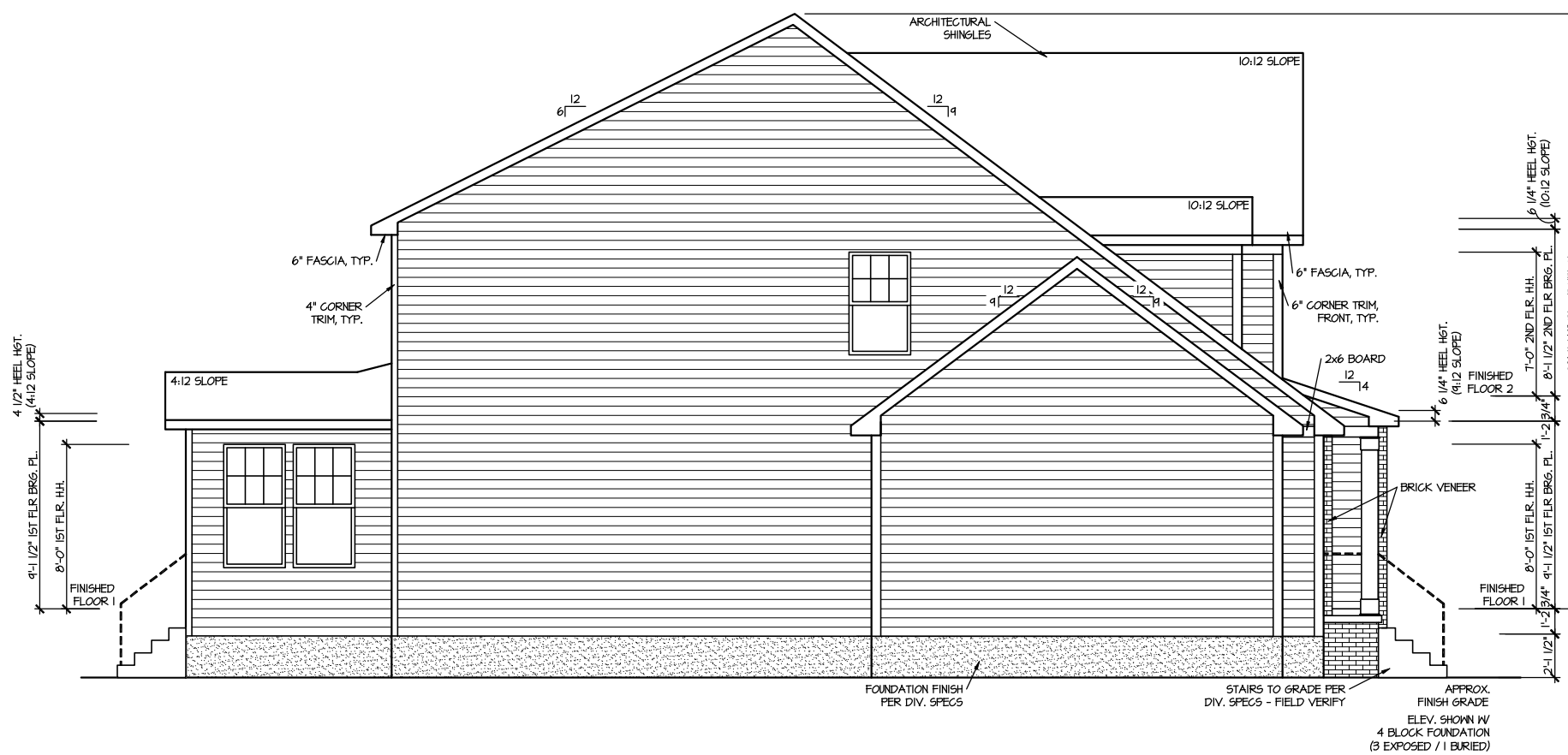
A.1

FILE: Lot_00.0021.dwg DATE: 3/14/2025 12:10 PM



RIGHT ELEVATION 2

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



LEFT ELEVATION 2

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

MASTER PLAN INFORMATION

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

DRAWN BY: ITS

DATE: 03/14/2025

PLAN NO. 2695

DRB HOMES

HOUSE NAME: DRAYTON

DRAWING TITLE

RIGHT & LEFT ELEVATIONS

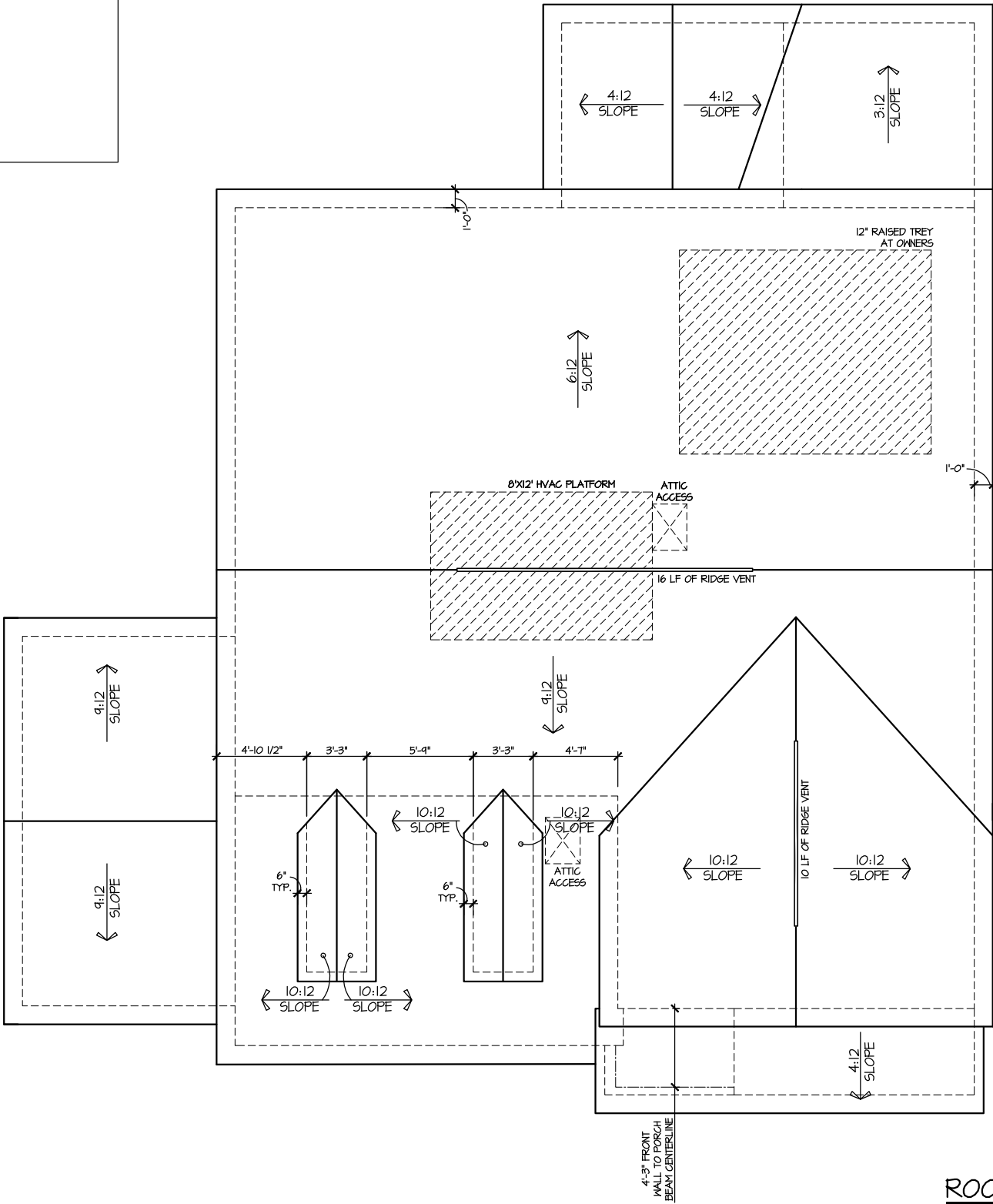
SHEET No.

A1.2

ROOF VENTILATION CALCULATIONS:

ROOF AREA = 1775 SQ. FT.
OVERALL REQUIRED VENTILATION:
1 TO 150 = 11.83 SQ. FT.
1 TO 300 = 5.92 SQ. FT.
50-80% IN TOP THIRD = 2.96- 4.66 FT. (1 TO 300)
NET FREE AREA OF VENTED SOFFIT = 5.1 SQ. IN. / LINEAR FT.
NET FREE AREA OF RIDGE VENT = 16 SQ. IN. / LINEAR FT.

LOWER VENTING: (BOTTOM 2/3 RIDG)
75 LINEAR FEET OF SOFFIT X 5.1 SQ. IN. = 2.96 SQ. FT.
UPPER VENTING: (TOP 1/3 RIDG)
24 LINEAR FEET OF RIDGE X 16 SQ. IN. = 3 SQ. FT.
3 SQ. FT. BETWEEN 50% - 80%
(1 TO 300 ALLOWED)
TOTAL ROOF VENTILATION: 5.96 SQ. FT. > 4.66 SQ. FT. (REQ'D)



ROOF PLAN ELEV. 2

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

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

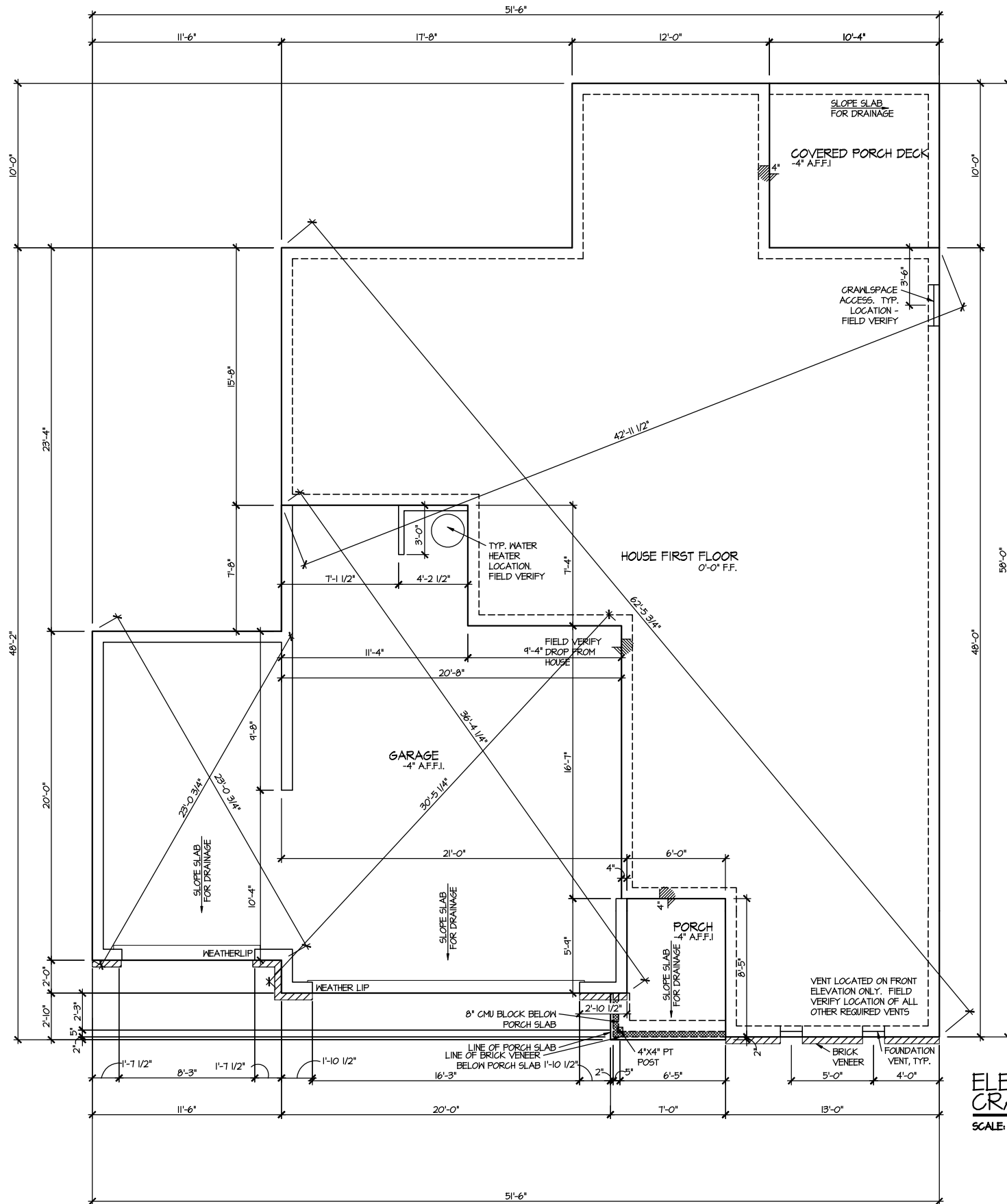
DRAWN BY:	ITS
DATE:	03/14/2025
PLAN NO.	2695

DRB
HOMES

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-E-BLACK (MB) OR EQUAL
VENTING REQUIREMENT:
63 SQ. FT / 62 SQ. IN = 14.6 VENTS = 20 VENTS



ELEVATION 2
CRAWL SPACE PLAN
SCALE: 1/8" = 1'-0"

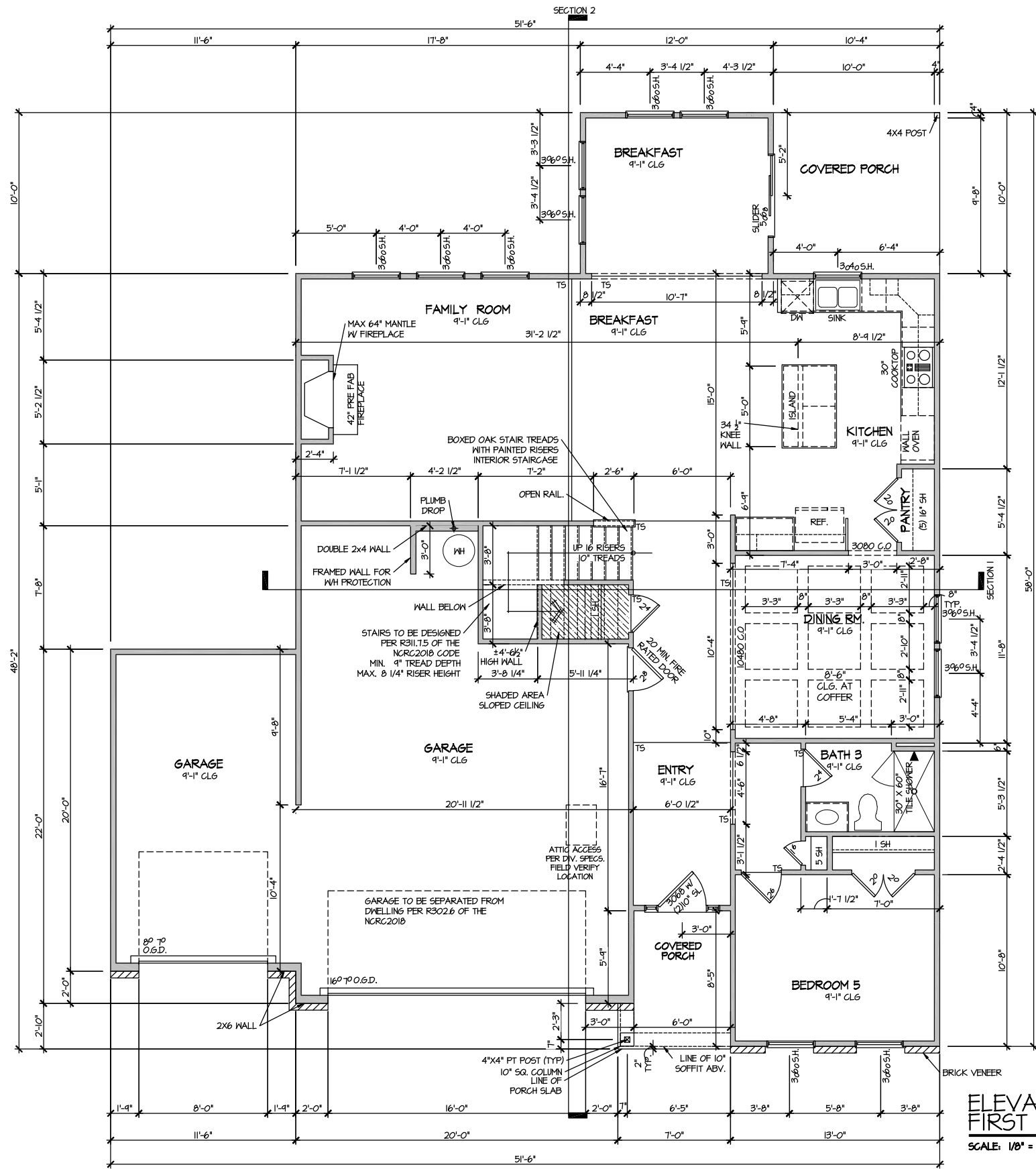
MASTER PLAN INFORMATION			
REVISION	DATE	DATE	UPDATED DATE
2-RALE	03-06-2019		04-26-2024

DRAWN BY:	ITS
DATE:	03/14/2025
PLAN NO.	2695



HOUSE NAME:	DRAYTON
DRAWING TITLE	CRAWL SPACE PLAN

SHEET No.	A2.3
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ELEVATION 2
FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

MASTER PLAN INFORMATION

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

DRAWN BY: ITS

DATE: 03/14/2025

PLAN NO. 2695

DRB
HOMES

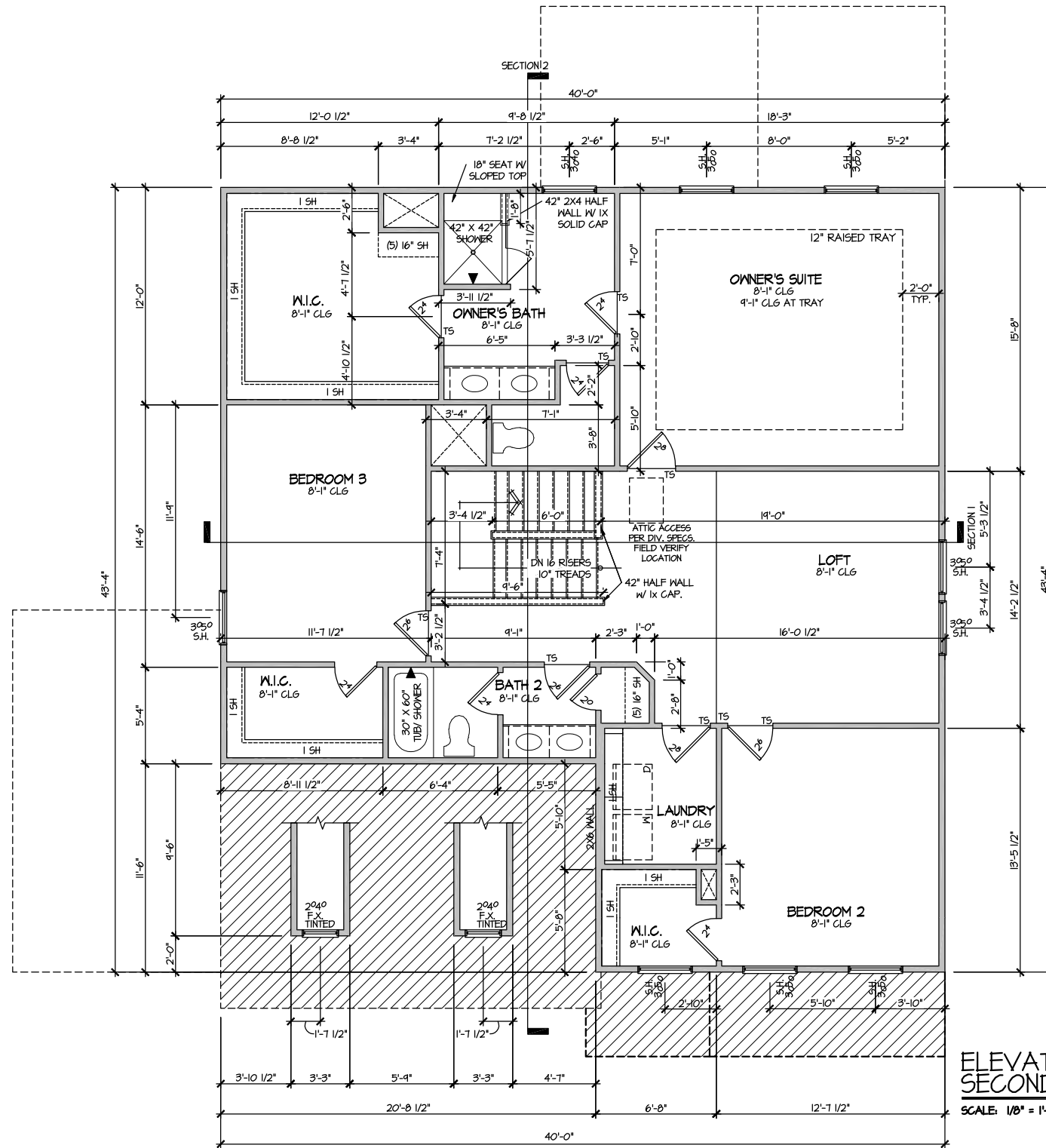
HOUSE NAME:
DRAYTON

DRAWING TITLE

FIRST FLOOR PLAN

SHEET No.

A3.1



ELEVATION 2
SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

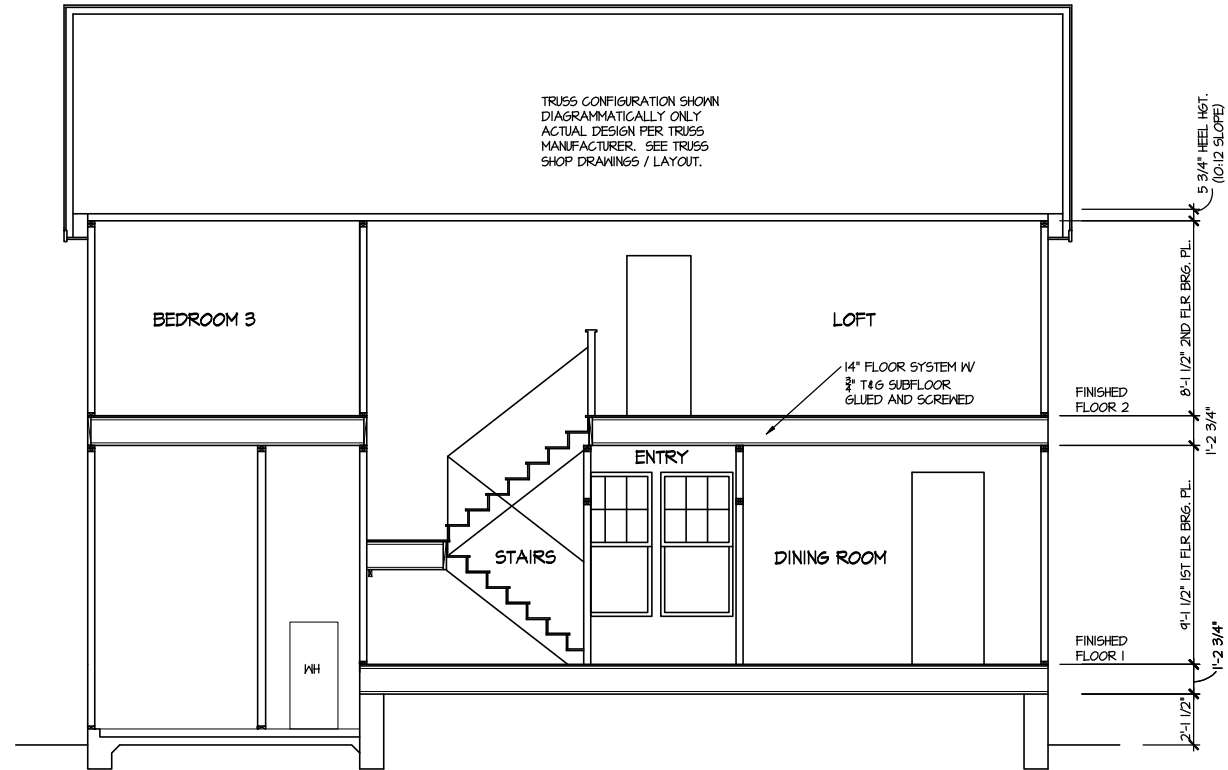
MASTER PLAN INFORMATION			
REVISION	DATE	UPDATED DATE	
2-RALE	03-06-2019	04-26-2024	

DRAWN BY:	
ITS	
DATE:	03/14/2025
PLAN NO.	2695

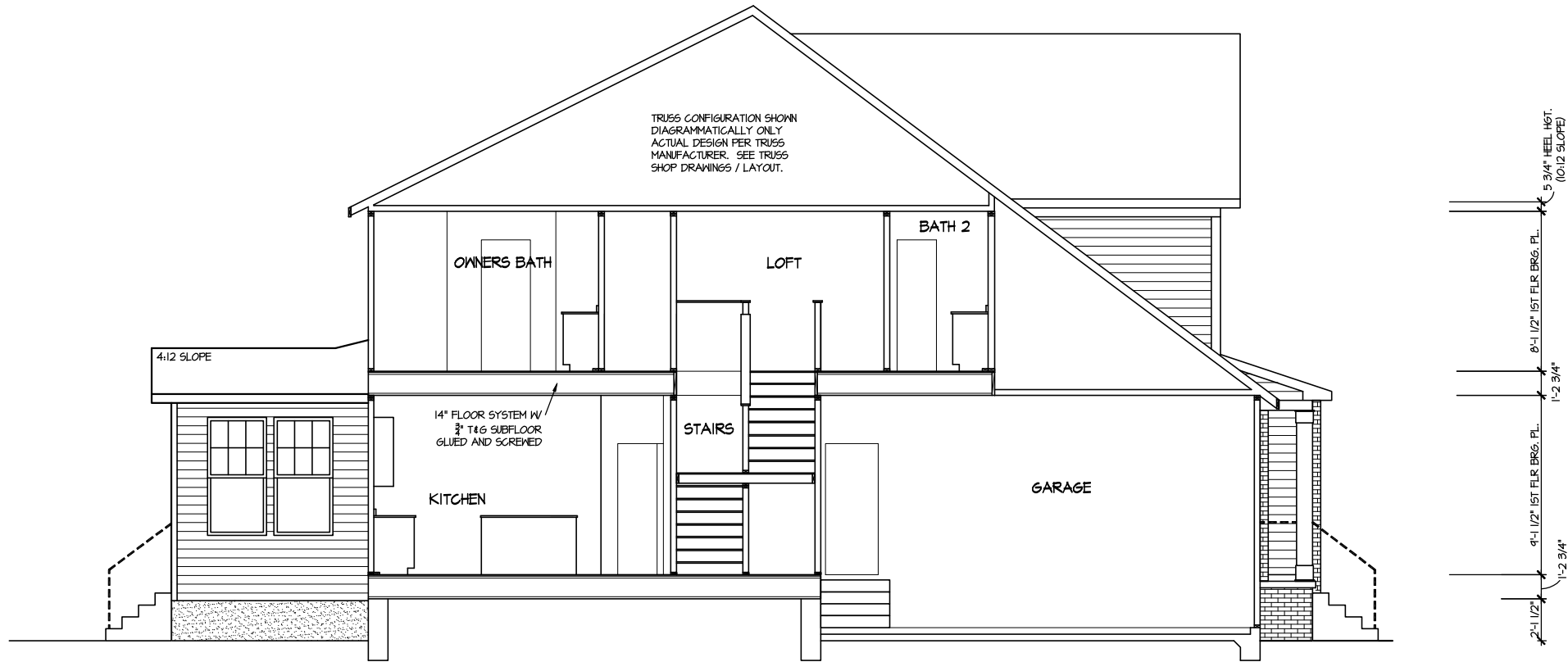
DRB
HOMES

HOUSE NAME:	DRAYTON
DRAWING TITLE	SECOND FLOOR PLAN

SHEET No.
A3.2



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



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

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

DRAWN BY:	ITS
DATE:	03/14/2025
PLAN NO.	2695

DRB
HOMES

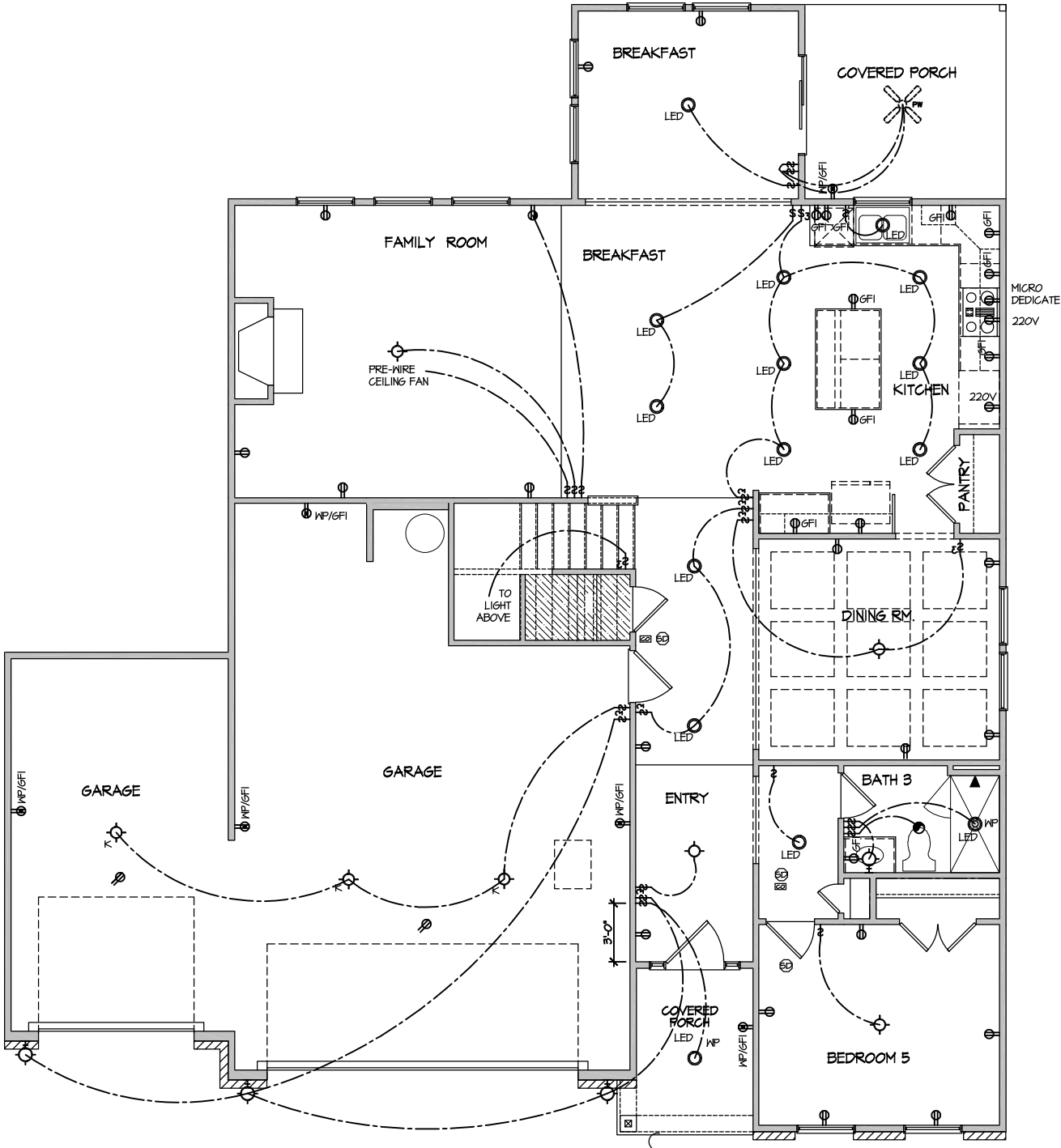
HOUSE NAME:
DRAYTON
DRAWING TITLE
BUILDING SECTION

SHEET No.
A4.1

ELECTRICAL LEGEND

- Ⓢ SINGLE POLE SWITCH
- Ⓢ₃ THREE WAY SWITCH
- Ⓢ₄ FOUR WAY SWITCH
- Ⓢ- DUPLEX AFCI RECEPTACLE
- Ⓢ- DUPLEX AFCI RECEPTACLE - BOTTOM HALF SWITCHED
- Ⓢ- DUPLEX AFCI RECEPTACLE - FLOOR MOUNTED
- 220V Ⓢ RECEPTACLE - 220V
- GFI Ⓢ DUPLEX AFCI RECEPTACLE - GFI
- WP/GFI Ⓢ DUPLEX AFCI RECEPTACLE - WATERPROOF GFI
- Ⓢ SMOKE DETECTOR - WIRED IN SERIES
- Ⓢ EXHAUST FAN MOTOR
- Ⓢ 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. 2
SCALE: 1/8" = 1'-0"

FILE: Lot_00.0021.dwg DATE: 3/14/2025 12:10 PM

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

DRAWN BY:	ITS
DATE:	03/14/2025
PLAN NO.	2695

DRB
HOMES

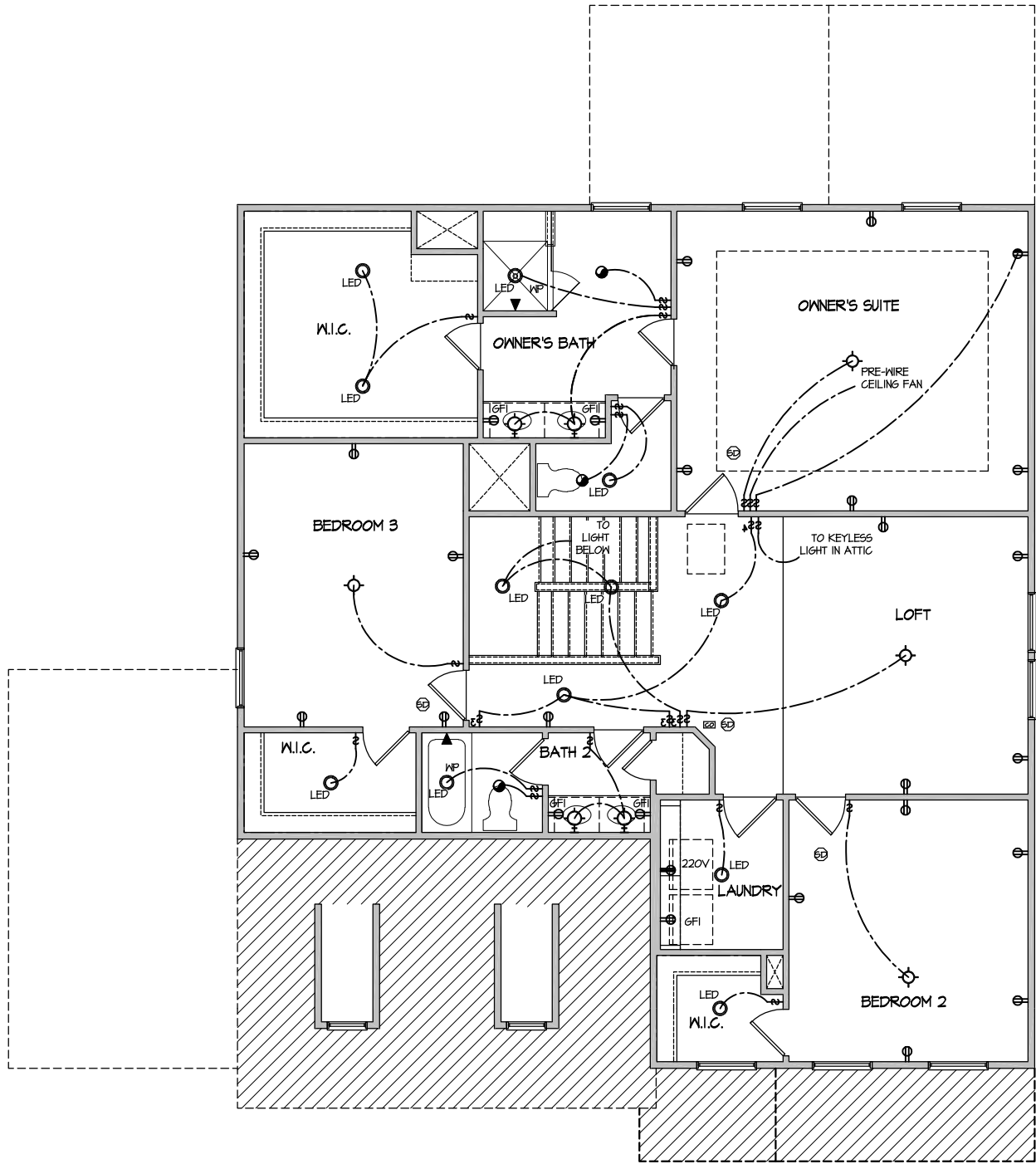
HOUSE NAME:
DRAYTON
DRAWING TITLE
FIRST FLOOR ELECTRICAL

SHEET No.
11

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
- GF ⊖ DUPLEX AFCI RECEPTACLE - GFI
- WP/GF ⊖ DUPLEX AFCI RECEPTACLE - WATERPROOF GFI
- SD SMOKE DETECTOR - WIRED IN SERIES
- EX EXHAUST FAN MOTOR
- CO CO DETECTOR
- DC 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
SECOND FLOOR - ELEV. 2
SCALE: 1/8" = 1'-0"

FILE: Lot_00.0021.dwg DATE: 3/14/2025 12:10 PM

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

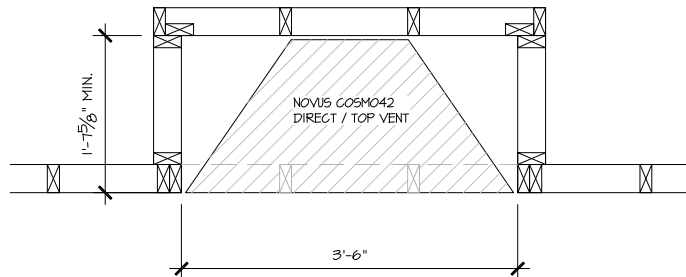
DRAWN BY:	ITS
DATE:	03/14/2025
PLAN NO.	2695

DRB
HOMES

HOUSE NAME:
DRAYTON
DRAWING TITLE
SECOND FLOOR ELECTRICAL

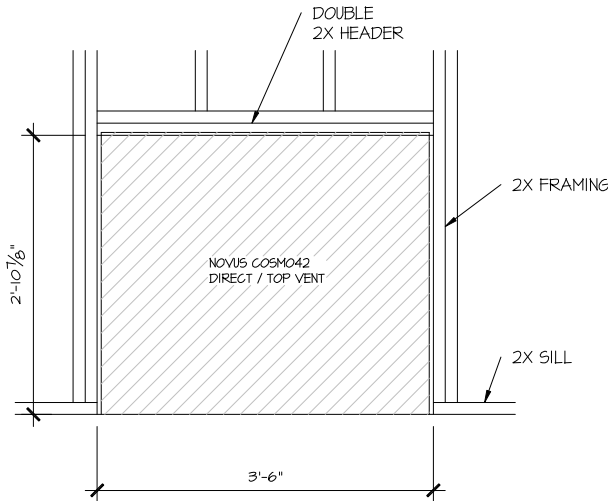
SHEET No.
1.2

ALL DIMENSIONS
ARE TO FRAMING



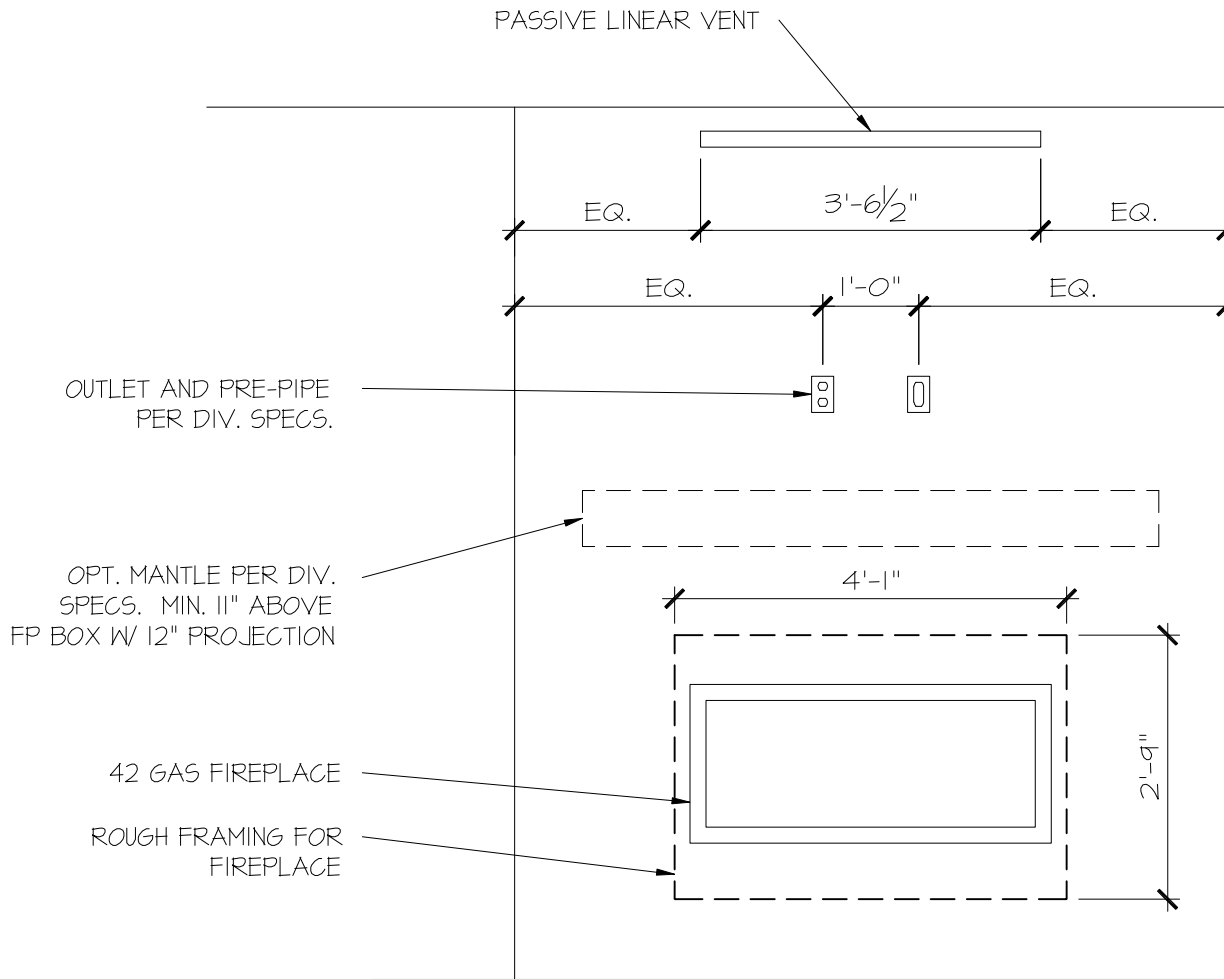
PARTIAL PLAN
NOVUS COSMO42

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



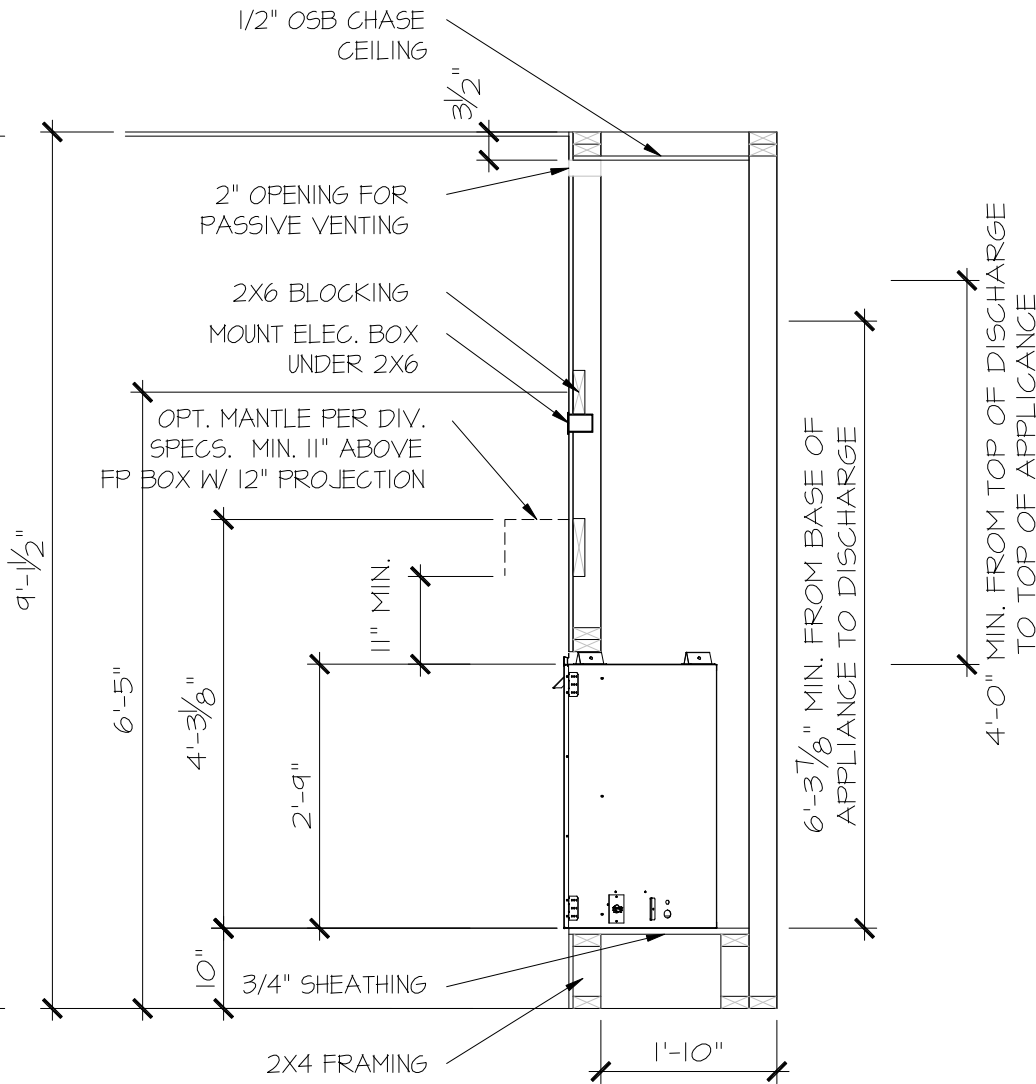
PARTIAL ELEVATION
NOVUS COSMO42

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

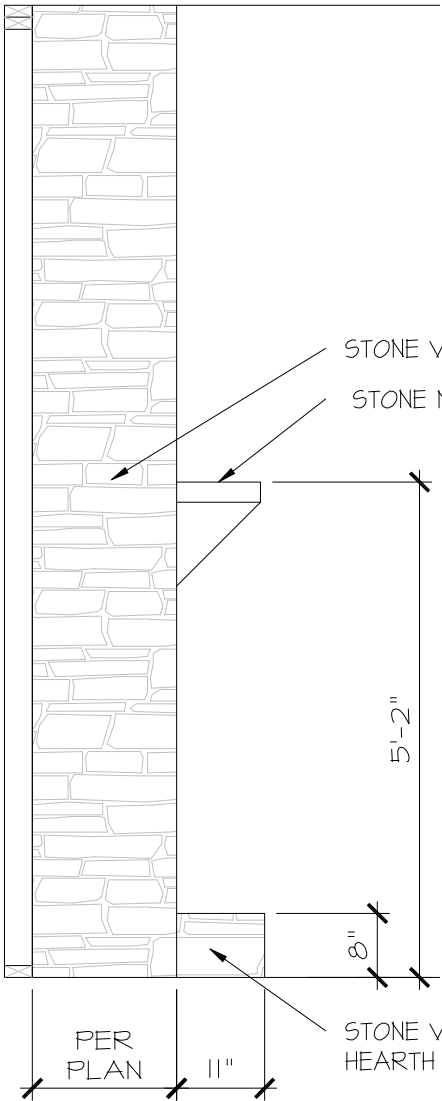
DRB
HOMES

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

SHEET No.

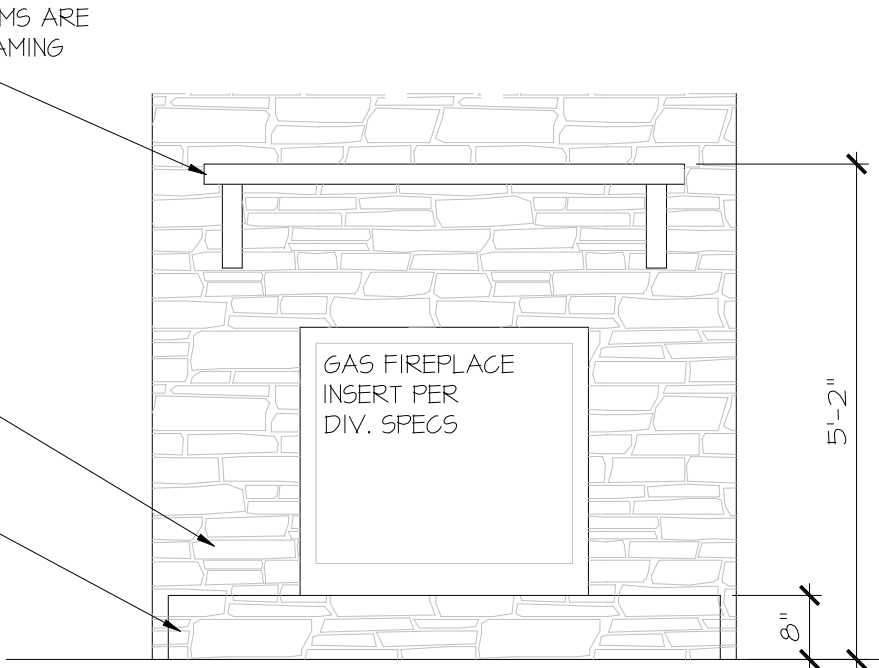
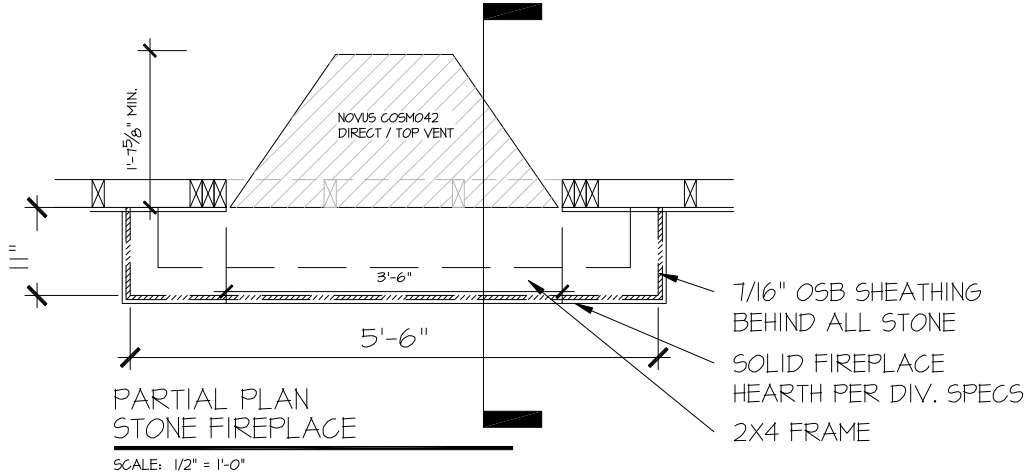
11
10
11

ALL DIMENSIONS
ARE TO FRAMING



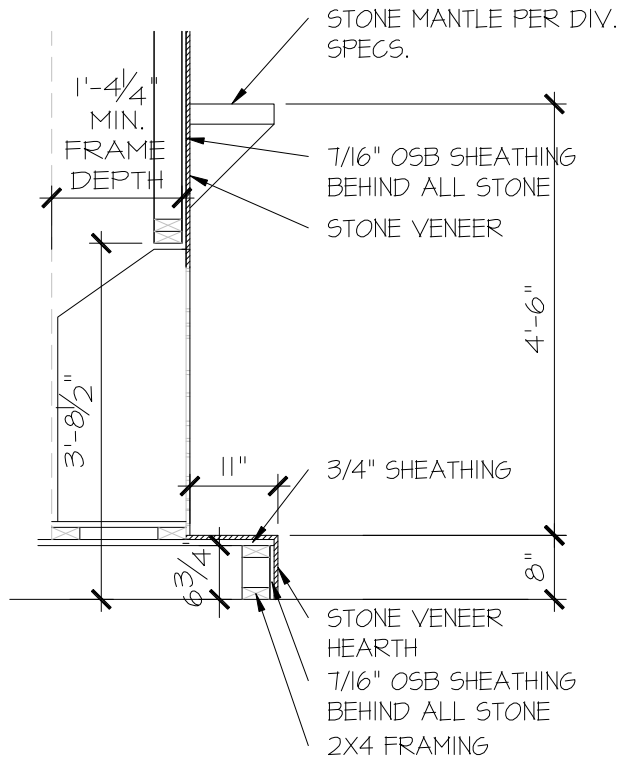
PARTIAL ELEVATION
STONE FIREPLACE

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



PARTIAL ELEVATION
STONE FIREPLACE

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



PARTIAL SECTION
STONE FIREPLACE

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

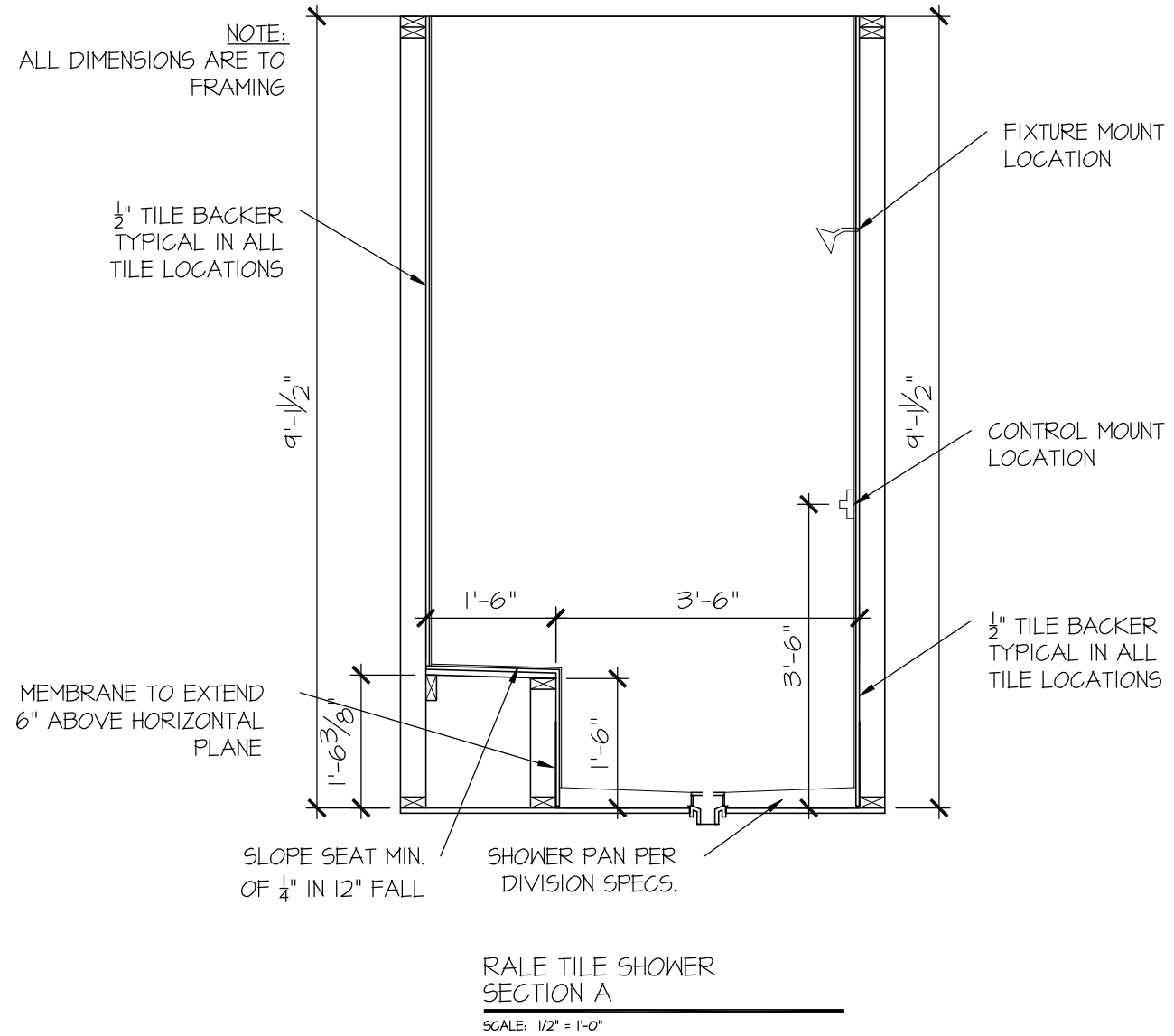
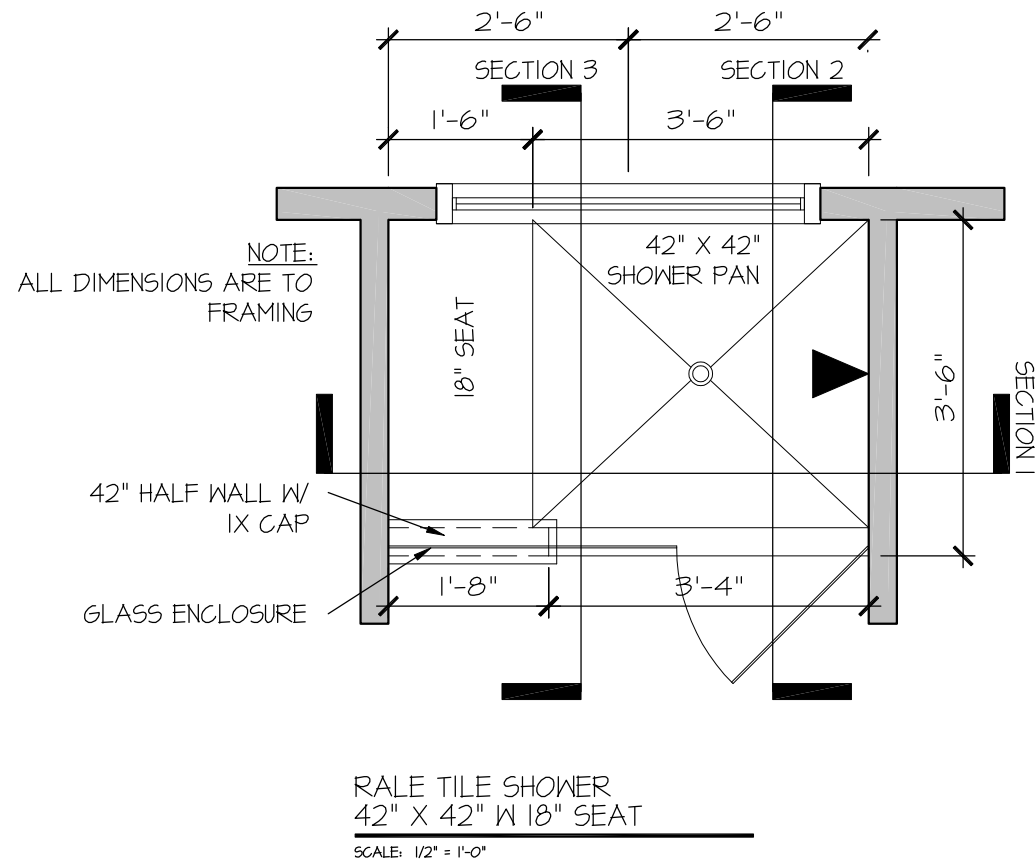
DRB
HOMES

HOUSE NAME:
RALE FIREPLACE DETAILS
DRAWING TITLE
RALE FIREPLACE DETAIL
STONE INTERIOR

SHEET No.

1101.2

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:

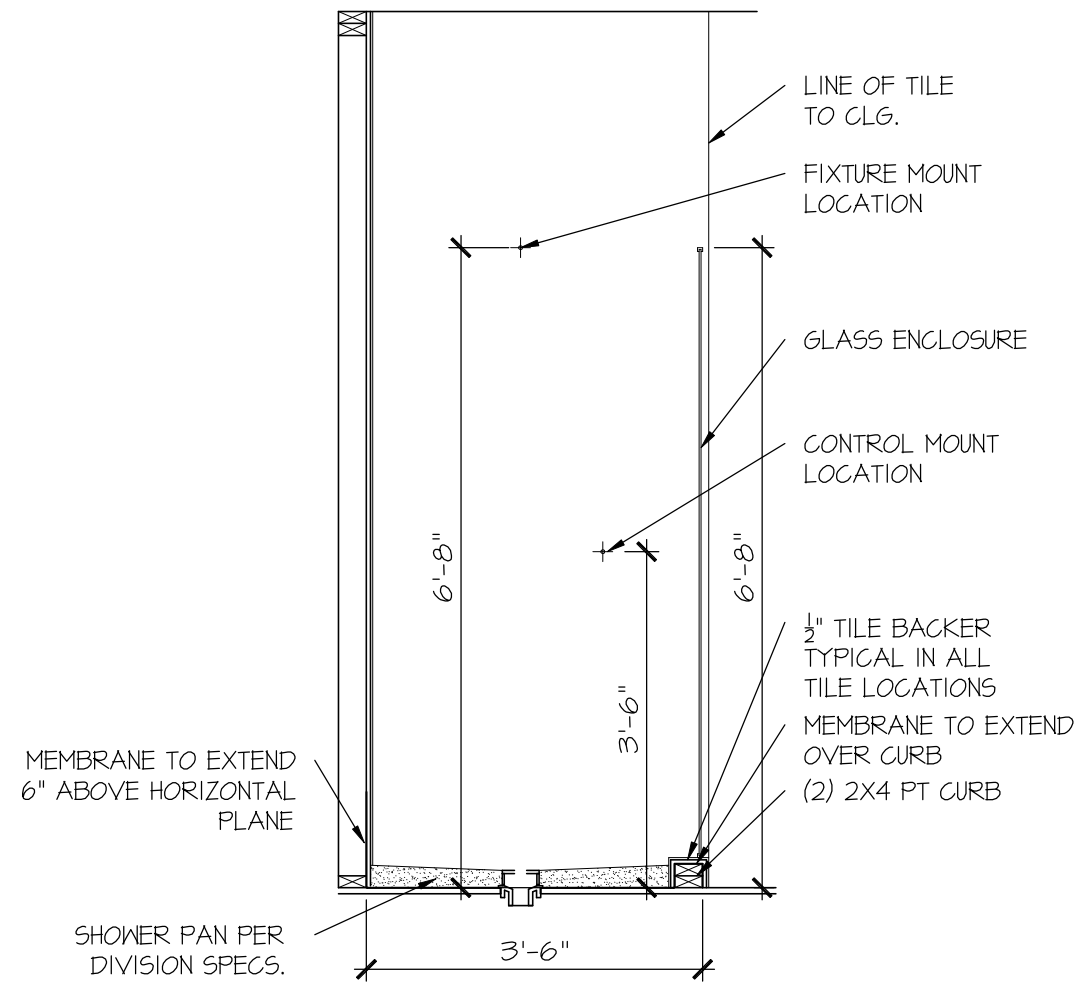
DRAWING TITLE

RALE TILE SHOWER DETAIL

SHEET No.

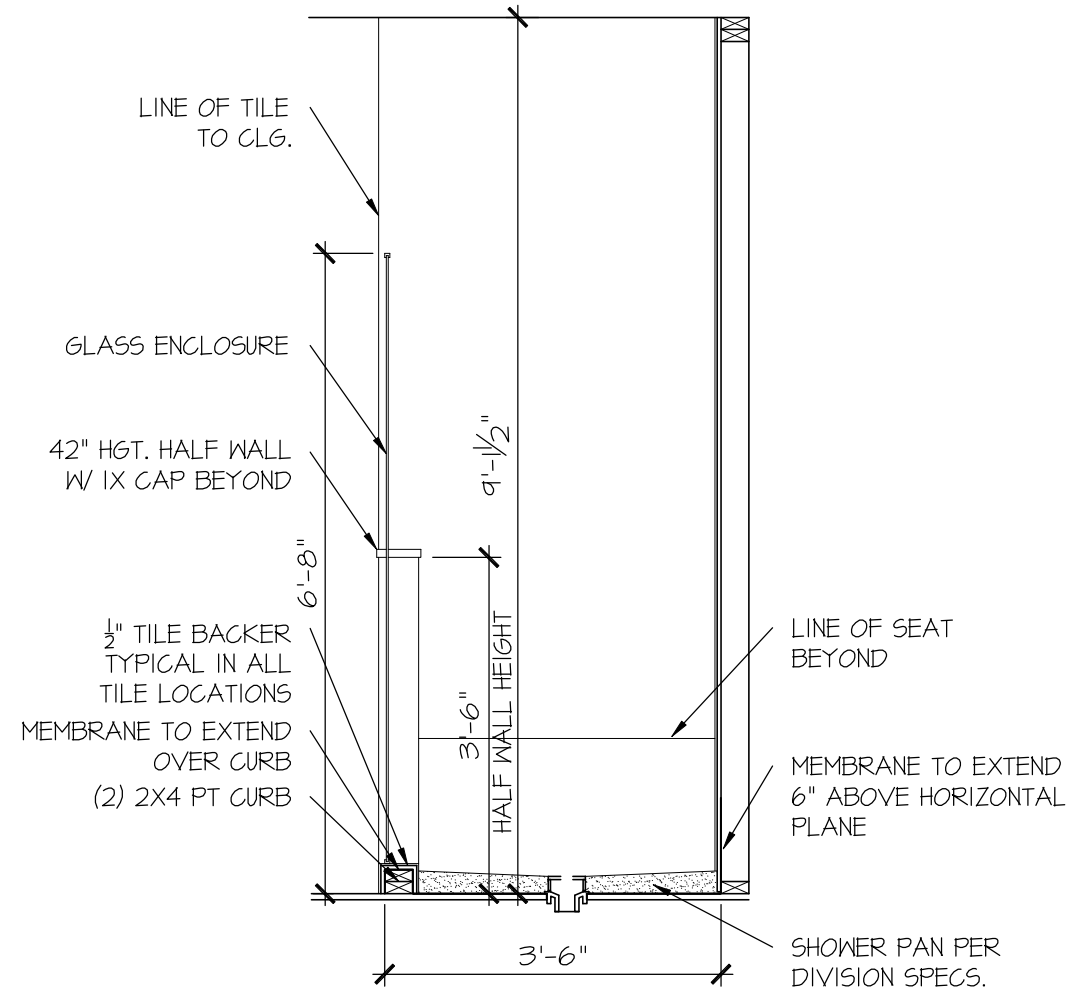
0111

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

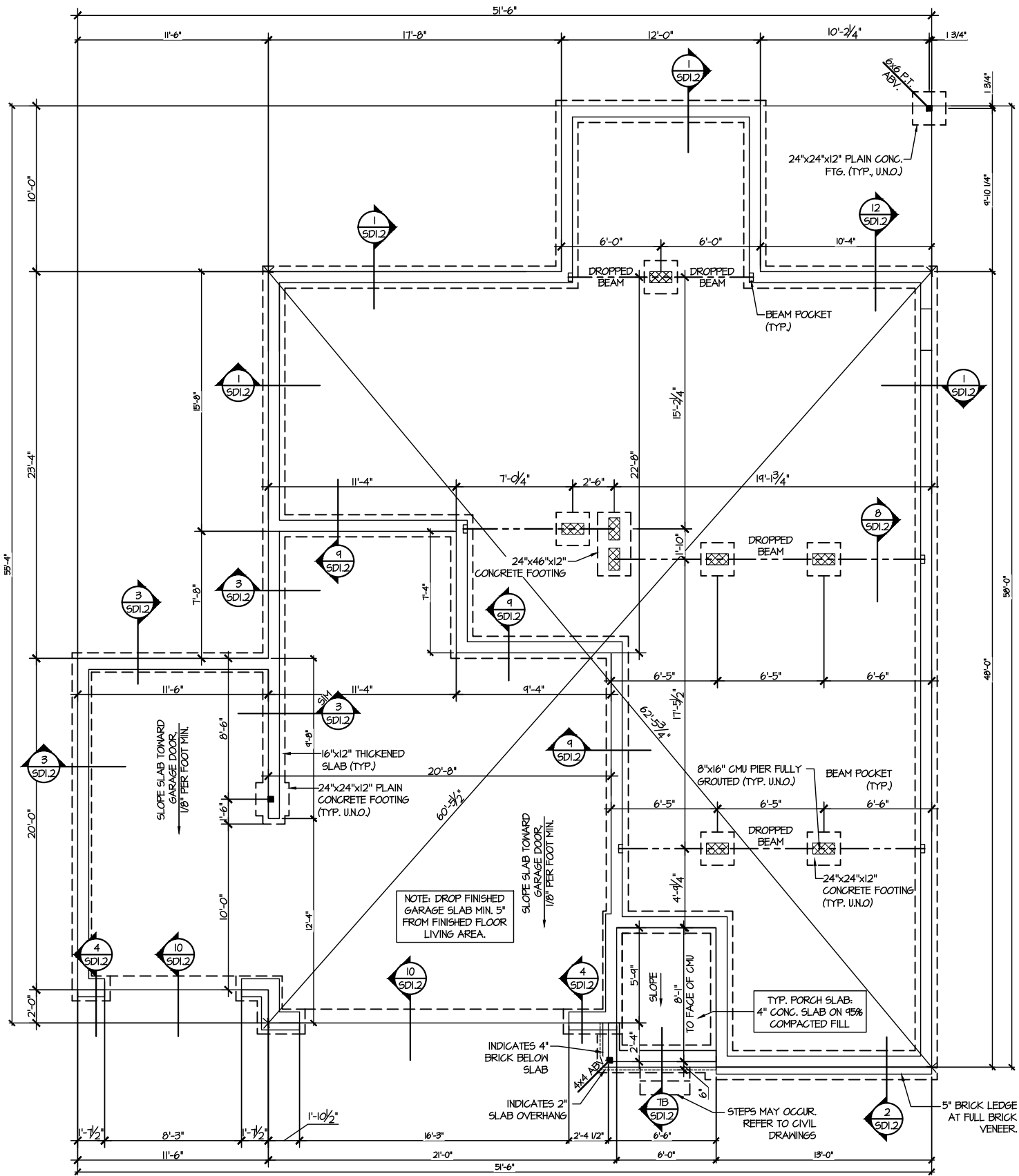
DRAWN BY:
L. BEAVERS
DATE: 9/1/22
PLAN NO.
11 X 17 SCALE
24 X 36 SCALE

DRB
HOMES

HOUSE NAME:
DRAWING TITLE
RALE TILE SHOWER DETAIL

SHEET No.

P.1.2



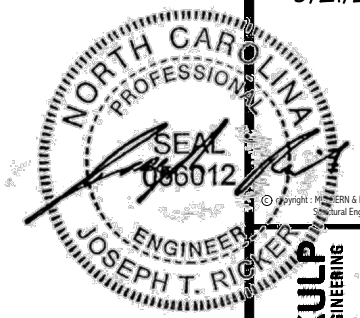
CRAWLSPACE FOUNDATION PLAN
SCALE: 1/8"=1'-0"

HOLD-DOWN SCHEDULE	
SYMBOL	SPECIFICATION
▶ HD-1	SIMPSON HTT4 HOLD-DOWN * (5/8" DIA. ANCHOR)
▶ HD-2	SIMPSON MTC66 STRAP TIE (CENTER STRAP ON FLOOR SYSTEM UNLO.) -OR- MTC66B3 ALTERNATE
▶ HD-3	SIMPSON STHD14/STHD14RJ

* UTILIZE THE S6TB24 ANCHOR BOLT • ALL MONOSLAB & INTERIOR RAISED SLAB (I.E. THICKENED SLABS, FOOTINGS) CONDITIONS. MINIMUM 24" MIN. FOOTING THICKNESS REQUIRED.
EPOXY-SET ALTERNATE FOR MONOSLAB & INTERIOR RAISED SLAB CONDITIONS ONLY. UTILIZE SIMPSON 'SET' EPOXY SYSTEM TO FASTEN THREADED ROD INTO CONCRETE FOUNDATION. PROVIDE 10" (FOR 5/8" DIA.) OR 15" (FOR 1/2" DIA.) MIN. EMBEDMENT INTO CONCRETE. INSTALL PER MANUF. INSTRUCTIONS. MINIMUM 16" FOOTING THICKNESS REQ'D. DO NOT LOCATE ANCHORS WITHIN 1 3/4" OF EDGE OF CONCRETE.

LEGEND	
•	INTERIOR BEARING WALL
•	BEARING WALL ABOVE
•	BEAM / HEADER
•	INDICATES SHEAR WALL & EXTENT
•	EXTENT OF OVERFRAMING
•	1L METAL HANGER
*	INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.
▶	INDICATES HOLD-DOWN OR STRAP. REFER TO SCHEDULE.

REFER TO SO.0 FOR
TYPICAL STRUCTURAL NOTES
& SCHEDULES



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
300 Dunsmuir Ave. Building 4 - Durham, NC 27602
P 215-546-5001 • mulhern+kulp.com
NC LICENSE #C-3825

M&K project number:
126-24045
project mgr: JTR
drawn by: JAD
issue date: 03-20-25

REVISIONS:	

DRB HOMES

FOUNDATION PLANS
CAMPBELL RIDGE
LOT 21 - DRAYTON 2
RALEIGH, NC

sheet:
S1.0



LEGEND

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

11. 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

LEGEND

-  INTERIOR BEARING WALL.
 -  BEARING WALL ABOVE
 -  BEAM / HEADER
 -  INDICATES SHEAR WALL & EXTENT
 -  EXTENT OF OVERFRAMING
- 11. METAL HANGER**
- * INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.
-  INDICATES HOLD-DOWN OR STRAP.
REFER TO SCHEDULE.

REFER TO SO.0 FOR
TYPICAL STRUCTURAL NOTES
& SCHEDULES

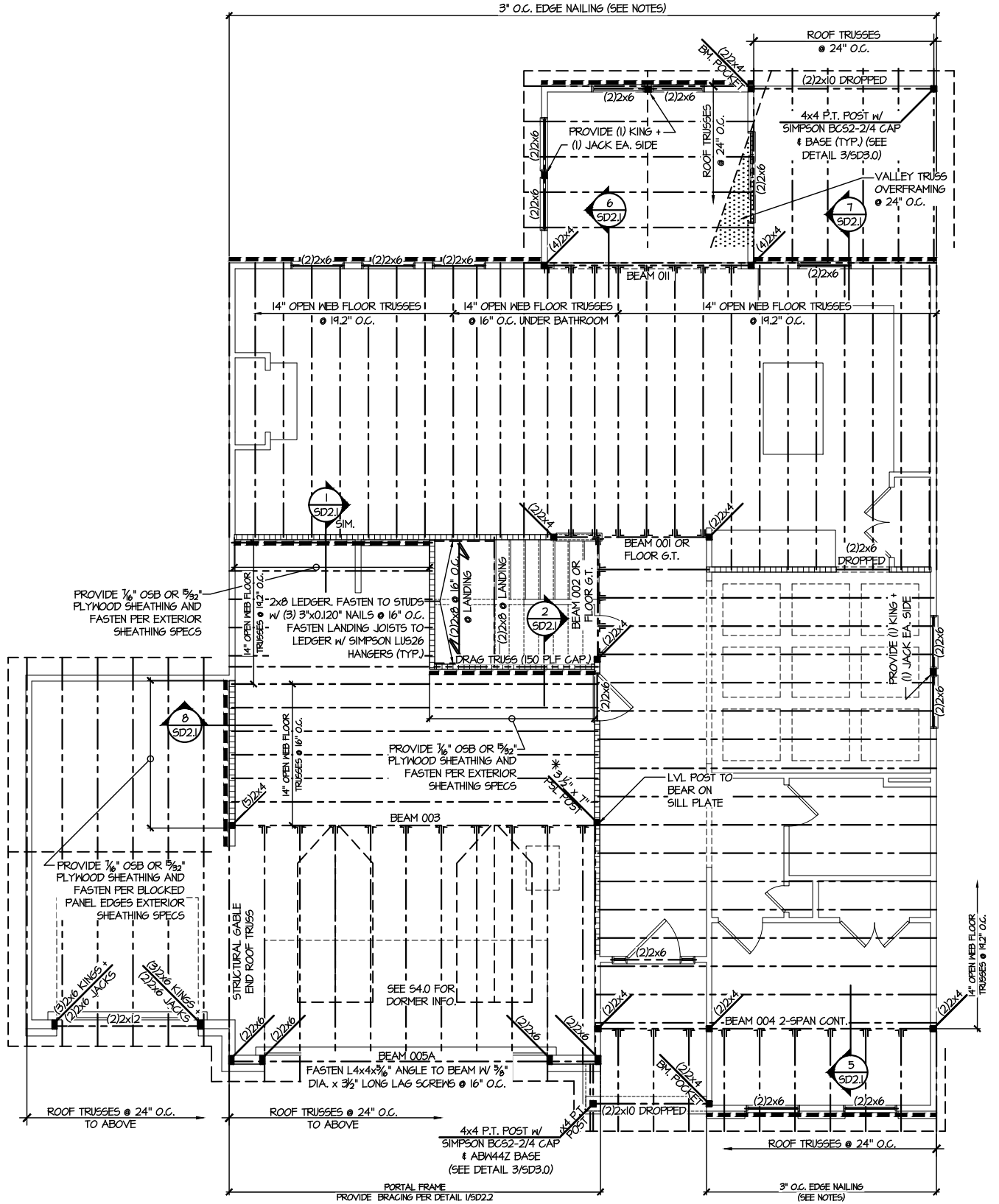
ENGINEERED BEAM MATERIAL SCHEDULE

BEAM NUMBER	LVL OPTION	PSL OPTION	LSL OPTION	FLITCH OPTION	STEEL OPTION
001	(2)3/4"x14" - F	3/5"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 3/4"x14" STEEL FLITCH PLATES - FB	M12x14 - F
002	(2)3/4"x14" - F	3/5"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 3/4"x14" STEEL FLITCH PLATES - FB	M12x14 - F
003	(3)3/4"x10" - FB or (2)3/4"x20" - FB	5/4"x10" - FB	N/A	(3)2x12 + (2) 3/4"x14" STEEL FLITCH PLATES - FB	M12x26 - F
004	(2)3/4"x14" - F	3/5"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 3/4"x14" STEEL FLITCH PLATES - FB	M12x14 - F
005	(2)3/4"x11 7/8" - H cont.	3/5"x11 7/8" - H cont.	(2)3/4"x11 7/8" - H cont.	(3)2x12 + (2) 3/4"x11 7/8" STEEL FLITCH PLATES - H cont.	N/A
005A	(3)3/4"x14" - H cont.	5/4"x14" - H cont.	N/A	(3)2x12 + (2) 3/4"x11 7/8" STEEL FLITCH PLATES - H cont.	N/A
006	(1)3/4"x14" - F	3/5"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 3/4"x14" STEEL FLITCH PLATES - FB	M12x14 - F
007	(2)3/4"x11 7/8" - D	3/5"x11 7/8" - D	(2)3/4"x11 7/8" - D	(2)2x12 + (1) 3/4"x14" STEEL FLITCH PLATES - D	M10x12 - D
008	(2)3/4"x16" - H cont.	3/5"x16" - H cont.	(3)3/4"x16" - H cont.	(3)2x12 + (2) 3/4"x14" STEEL FLITCH PLATES - H cont.	N/A
009	(2)3/4"x9 5/8" - F	3/5"x9 5/8" - F	(2)3/4"x9 5/8" - F	(2)2x10 + (1) 3/4"x9 5/8" STEEL FLITCH PLATES - F	M8x10 - F
010	(2)3/4"x14" - F	3/5"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 3/4"x14" STEEL FLITCH PLATES - FB	M12x14 - F
011	(2)3/4"x14" - F	3/5"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 3/4"x14" STEEL FLITCH PLATES - FB	M12x14 - F
012	(2)3/4"x11 7/8" - D	3/5"x11 7/8" - D	(2)3/4"x11 7/8" - D	(2)2x12 + (1) 3/4"x14" STEEL FLITCH PLATES - D	M10x12 - D

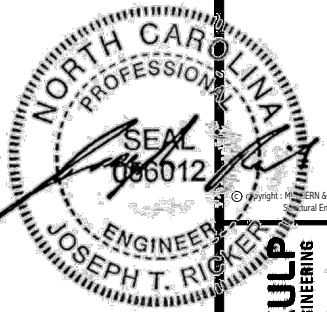
- BEAM NOTATION:**
- "F" INDICATES FLUSH BEAM
 - "FT" INDICATES FLUSH TOP BEAM
 - "FB" INDICATES FLUSH BOTTOM BEAM
 - "D" INDICATES DROPPED BEAM
 - "H" INDICATES DROPPED OPENING HEADER
- REFER TO DETAIL D/SD2.0 FOR TYPICAL FLITCH BEAM CONNECTIONS
- REFER TO DETAIL E/SD2.0 FOR TYPICAL STEEL BEAM CONNECTIONS
- FOR FLUSH TOP BEAMS PROVIDE 2x STACKED PLATES BENEATH BEAM AS REQ'D. FASTEN PLATES IN SUCCESSION W/ (2) 3"x10x12" NAILS @ 8" O.C.
- FOR FLUSH BOTTOM BEAMS PROVIDE 2x STACKED PLATES ATOP BEAM AS REQ'D. FASTEN PLATES IN SUCCESSION W/ (2) 3"x10x12" NAILS @ 8" O.C.

RALEIGH, NC

S3.0



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



MULHERN+KULP
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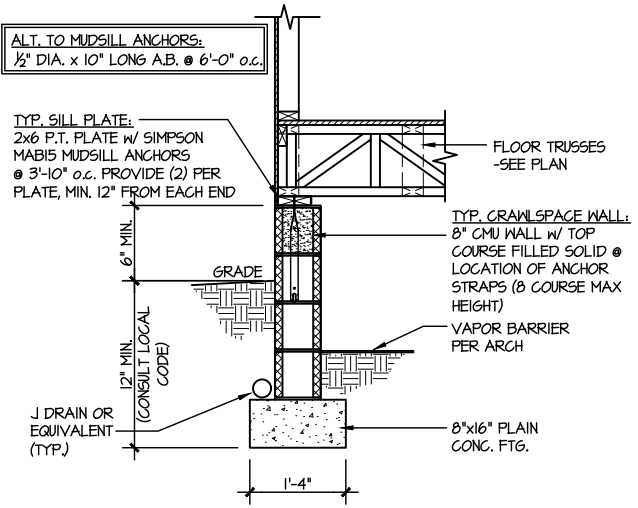
M&K project number:
126-24045
project mgr: JTR
drawn by: JAD
issue date: 03-20-25

REVISIONS:

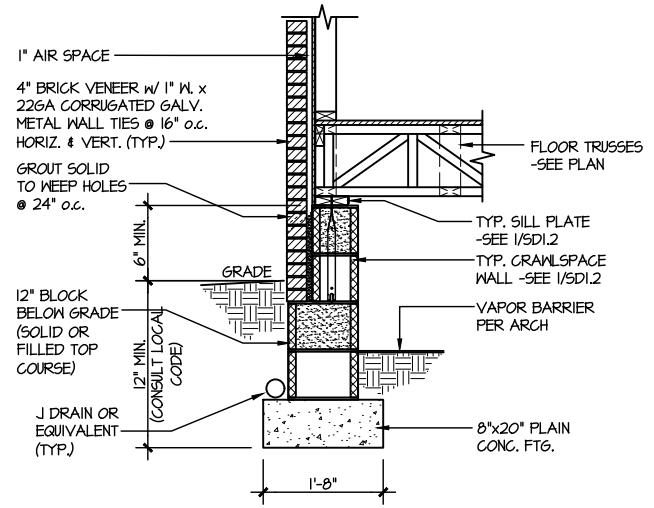
DRB HOMES

FOUNDATION DETAILS
CAMPBELL RIDGE
LOT 21 - DRAYTON 2
RALEIGH, NC

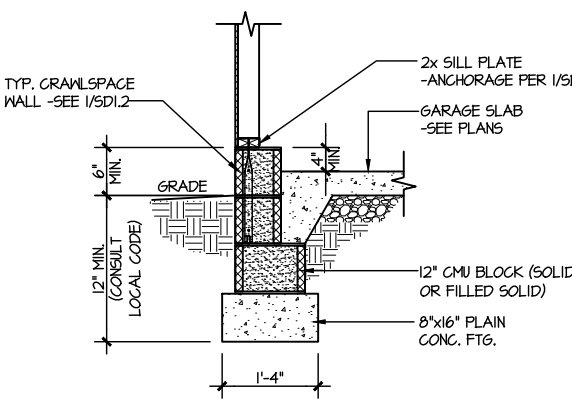
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SD1.2



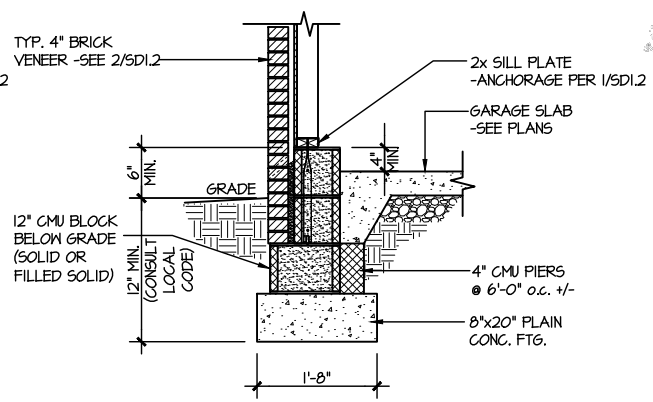
1 TYPICAL CRAWLSPACE FOUNDATION
SCALE: 3/8"=1'-0"



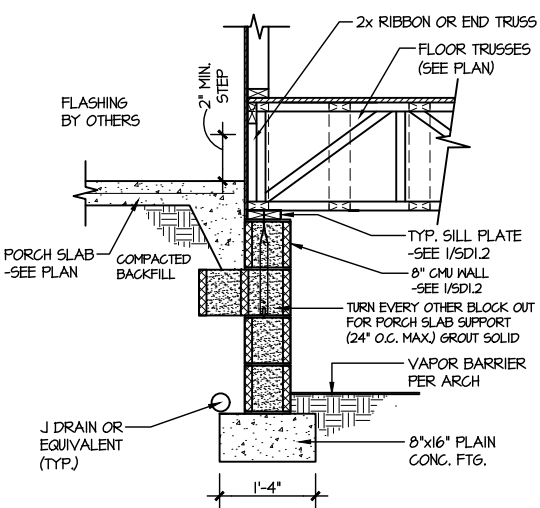
2 TYPICAL CRAWLSPACE FOUNDATION
SCALE: 3/8"=1'-0" W/ BRICK VENEER



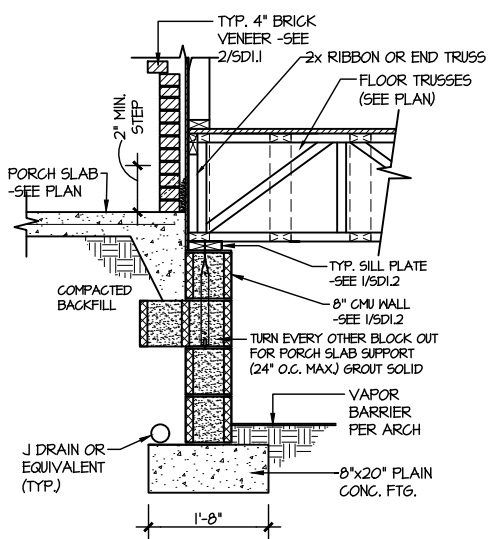
3 TYPICAL GARAGE FOUNDATION
SCALE: 3/8"=1'-0"



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

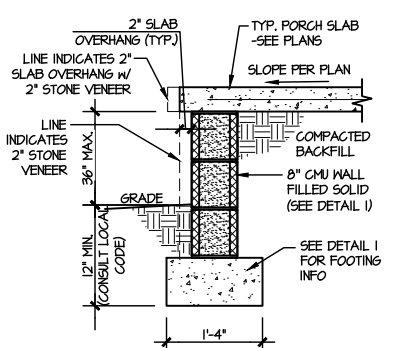


5 TYPICAL CRAWLSPACE FOUNDATION @ PORCH/PATIO SLAB
SCALE: 3/8"=1'-0"
(REFER TO DETAIL 12 FOR WOOD PORCH OPTION)

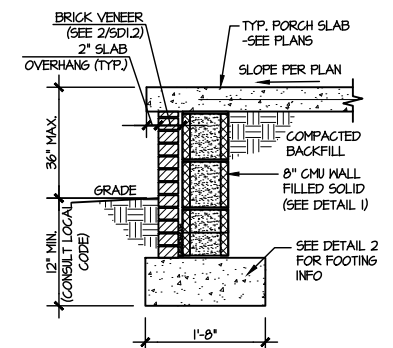


6 TYPICAL CRAWLSPACE FOUNDATION @ PORCH/PATIO SLAB
SCALE: 3/8"=1'-0" W/ BRICK VENEER

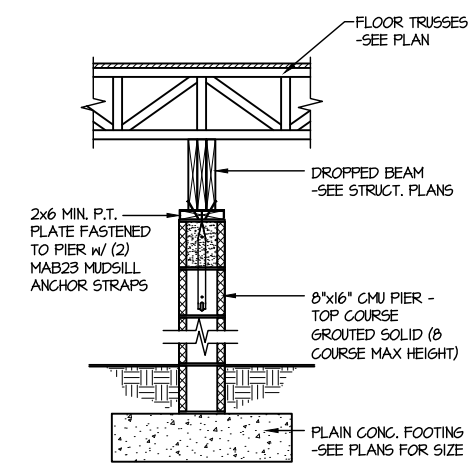
PLAIN CONC. FOOTINGS AS DIMENSIONED & SHOWN ARE MINIMUM SIZES REQUIRED & HAVE BEEN ENGINEERED. ADDITION OF CONTINUOUS REBAR OR LARGER FOOTINGS MAY BE PROVIDED AT THE DISCRETION OF THE BUILDER.



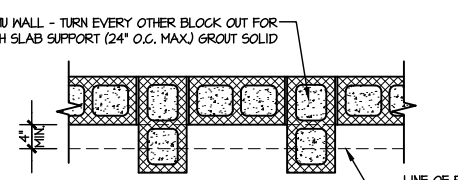
7A TYP. FOOTING @ PORCH SLAB
SCALE: 3/8"=1'-0"



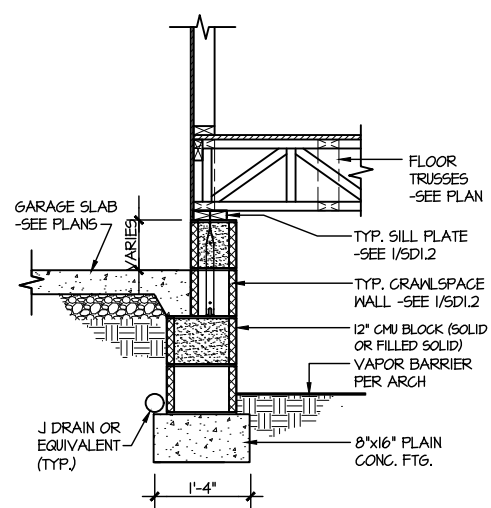
7B TYP. FOOTING @ PORCH SLAB
SCALE: 3/8"=1'-0" W/ BRICK VENEER



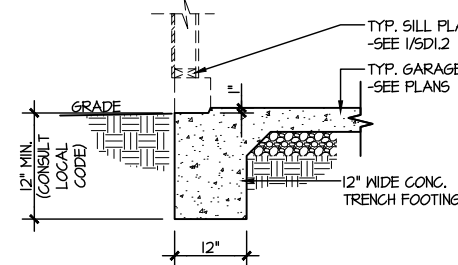
8 TYPICAL CRAWLSPACE FND. @ INTERIOR PIER
SCALE: 3/8"=1'-0"



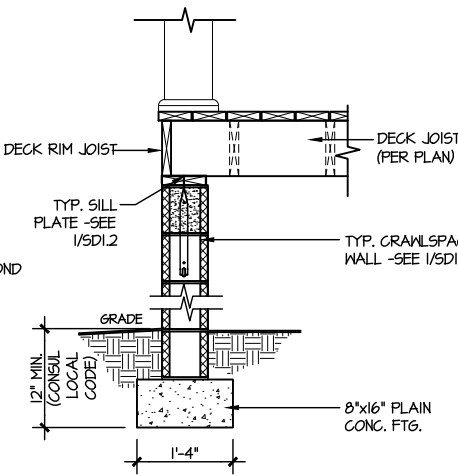
TOP VIEW OF FND. WALL @ PORCH SLAB SUPPORT



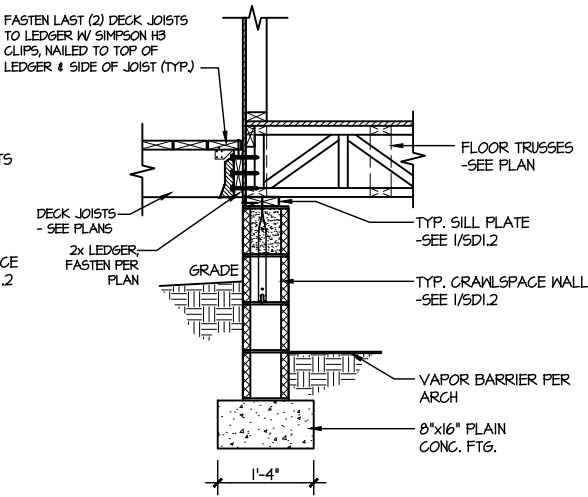
9 TYPICAL CRAWLSPACE FOUNDATION @ GARAGE
SCALE: 3/8"=1'-0"



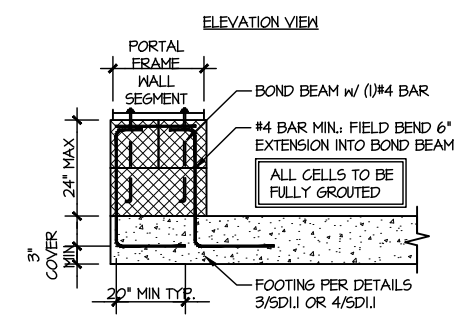
10 TYPICAL SLAB ON GRADE GARAGE ENTRY @ PERIMETER FOOTING
SCALE: 3/8"=1'-0"



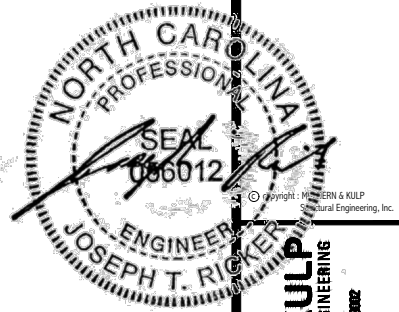
11 TYPICAL CRAWLSPACE FOUNDATION @ WOOD PORCH/DECK PERIMETER
SCALE: 3/8"=1'-0"



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



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



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M&K project number:
126-24045

project mgr: JTR
drawn by: JAD
issue date: 03-20-25

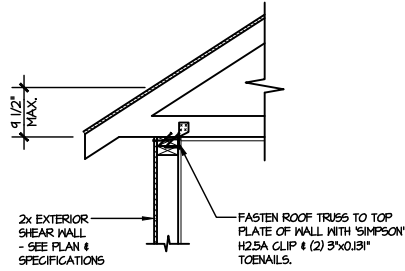
REVISIONS:

DRB HOMES

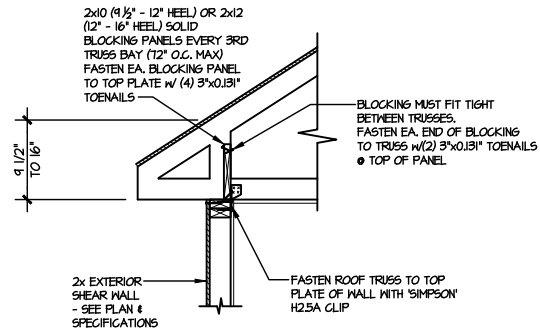
FRAMING DETAILS
CAMPBELL RIDGE
LOT 21 - DRAYTON 2
RALEIGH, NC

sheet:

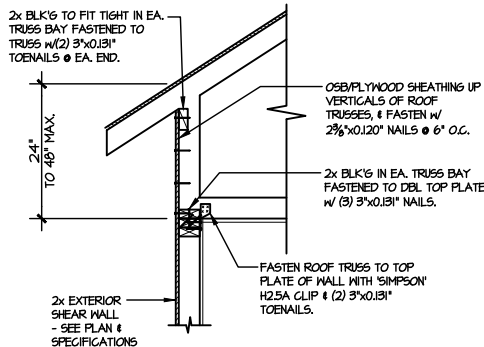
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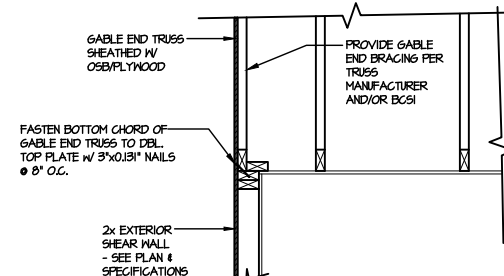
AI TYPICAL SHEAR TRANSFER DETAIL @ ROOF
SCALE: 3/8"=1'-0"
HEEL HEIGHT LESS THAN 9 1/2" NO BLOCKING REQ'D



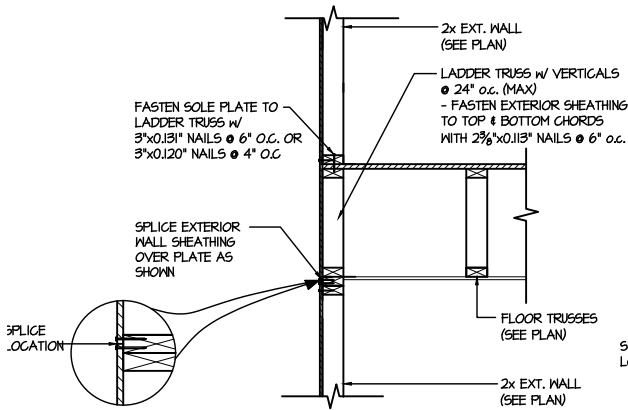
A2 TYPICAL SHEAR TRANSFER DETAIL @ ROOF
SCALE: 3/8"=1'-0"
HEEL HEIGHT BETWEEN 9 1/2" - 16" BLOCKING REQ'D



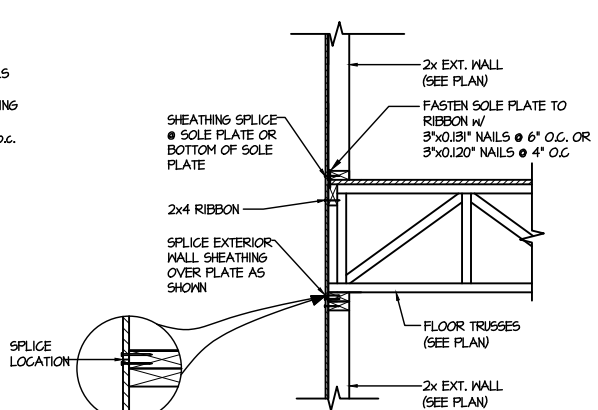
A3 TYPICAL SHEAR TRANSFER DETAIL @ RAISED HEEL TRUSS
SCALE: 3/8"=1'-0"
HEEL HEIGHT UP TO 48" MAX.



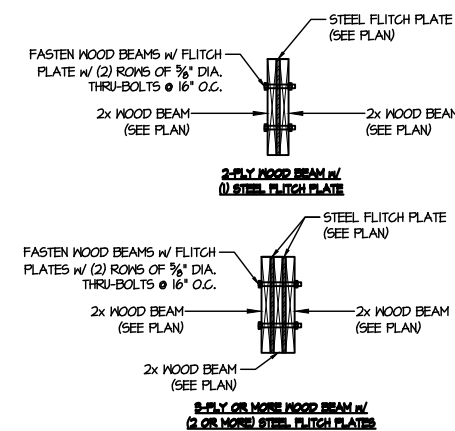
B TYPICAL GABLE END DETAIL
SCALE: 3/8"=1'-0"



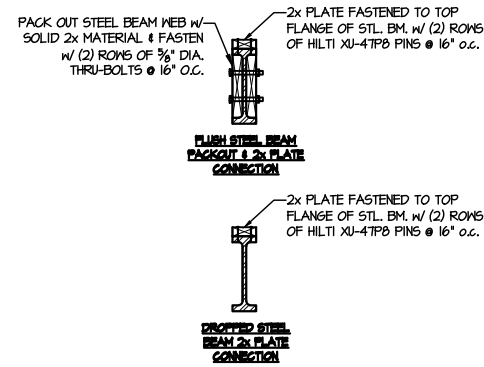
C1 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL
SCALE: 3/8"=1'-0"
PARALLEL FRMS



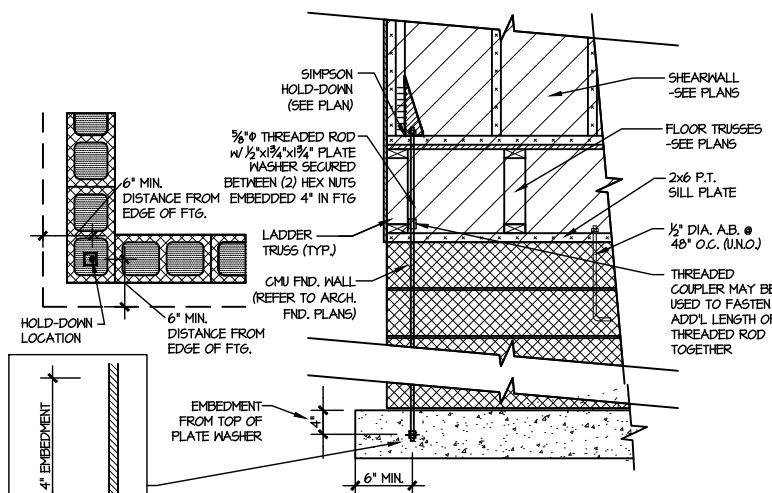
C2 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL
SCALE: 3/8"=1'-0"
PERPENDICULAR FRMS



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



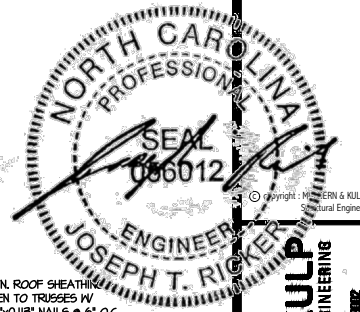
E TYPICAL STEEL BEAM CONNECTION DETAIL
SCALE: 3/4"=1'-0"



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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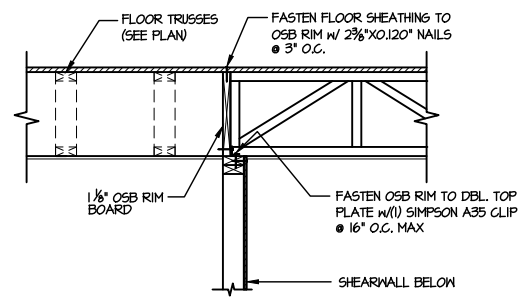


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126-24045
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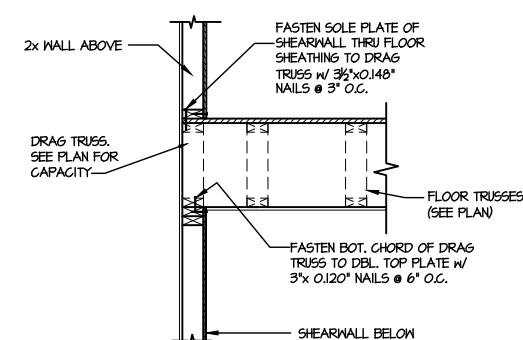
DRB
HOMES

FRAMING DETAILS
CAMPBELL RIDGE
LOT 21 - DAYTON 2
RALEIGH, NC

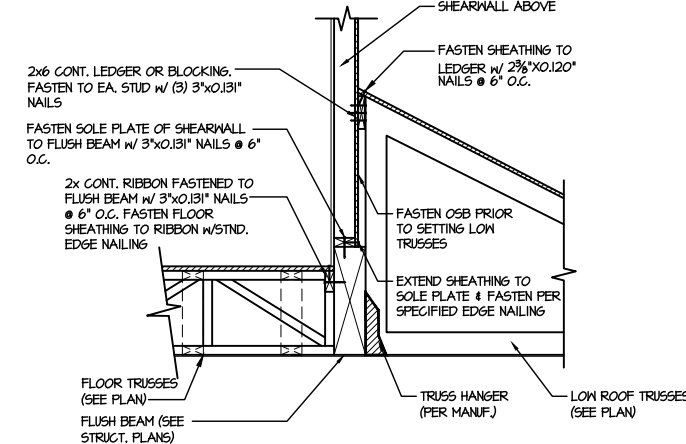
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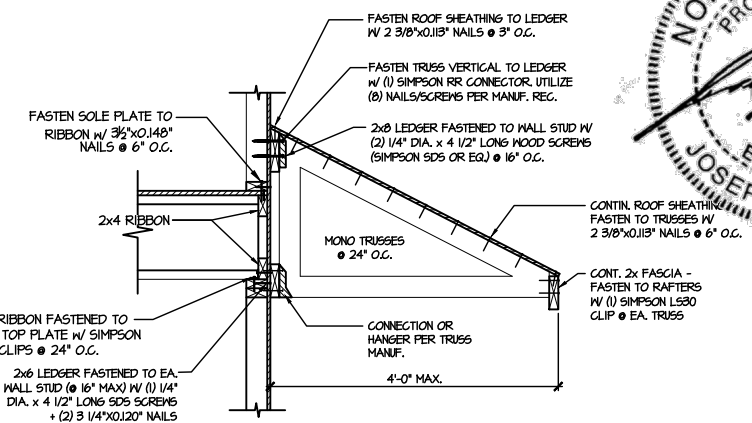
1 SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL BELOW
SCALE: 3/4"=1'-0" PARALLEL FRAMING



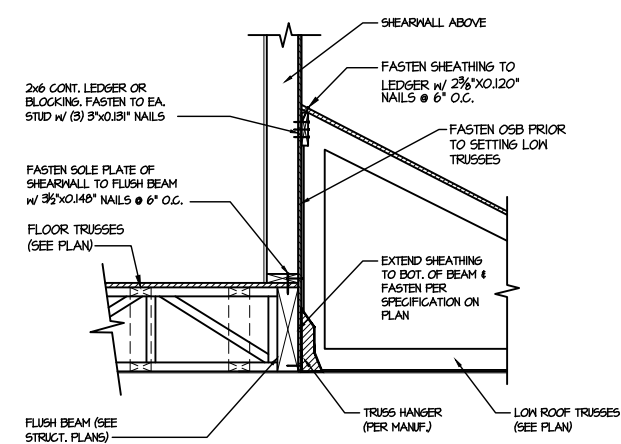
2 SHEAR TRANSFER DETAIL @ INT. SHEARWALL ABOVE & BELOW
SCALE: 3/4"=1'-0" EDGE OF FRAMING



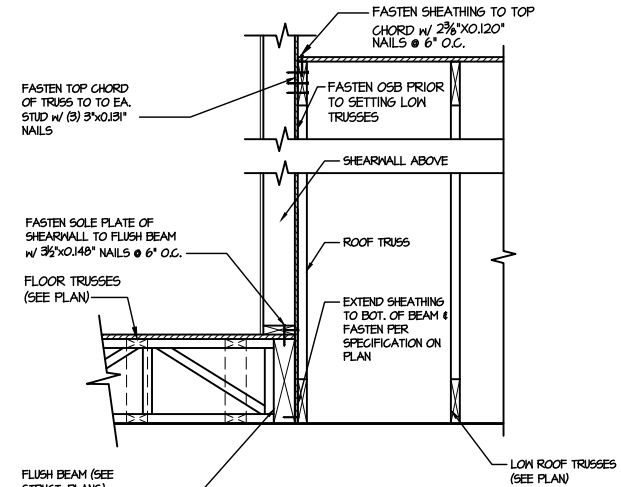
3 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



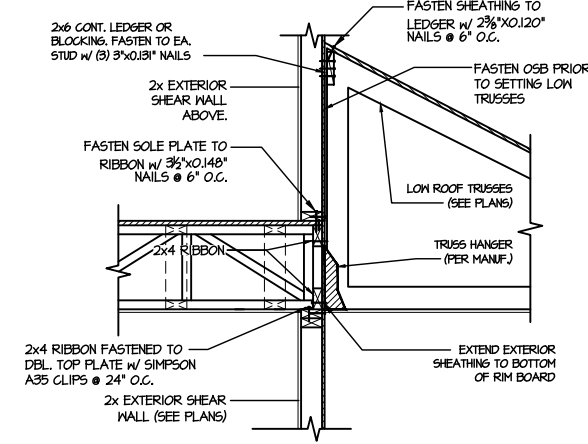
4 DETAIL @ SHED ROOF
SCALE: 3/8"=1'-0"



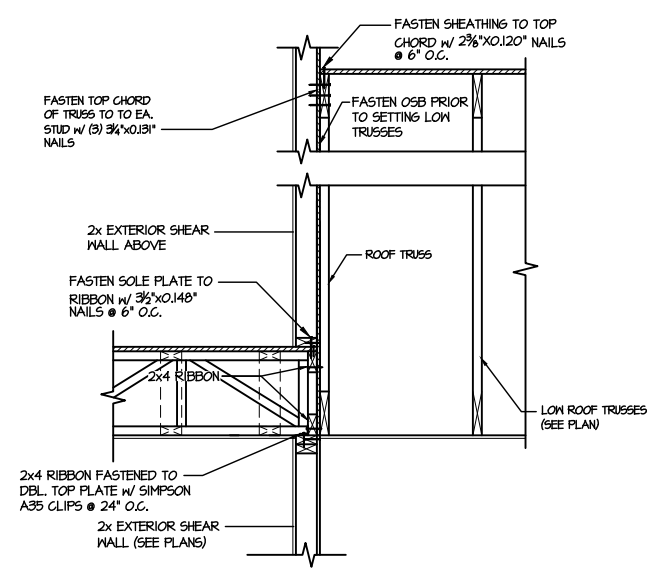
5 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



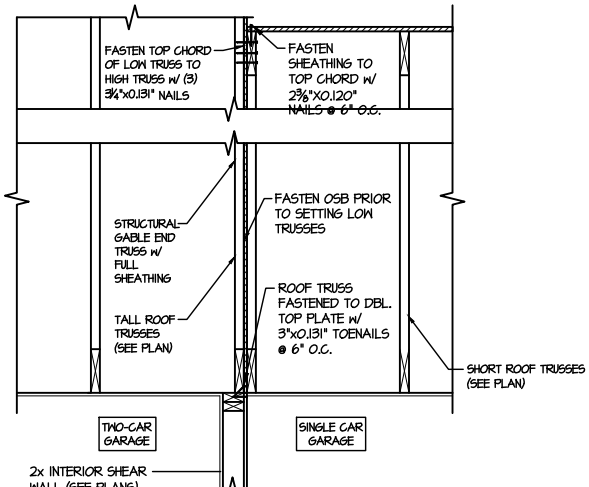
6 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



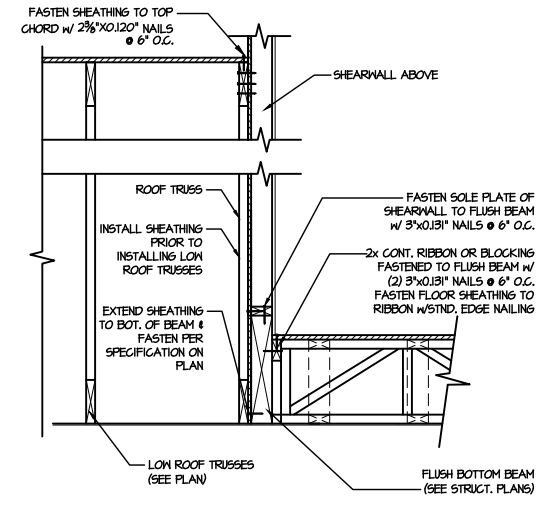
7 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



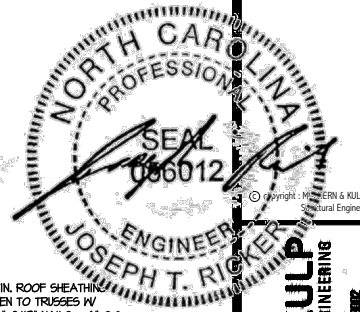
8 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



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"



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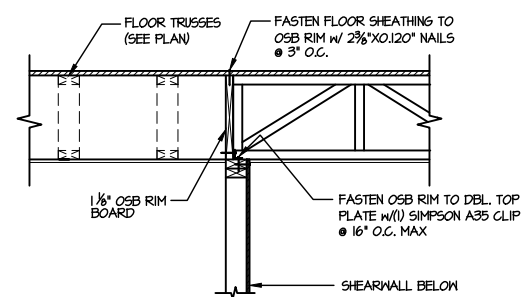


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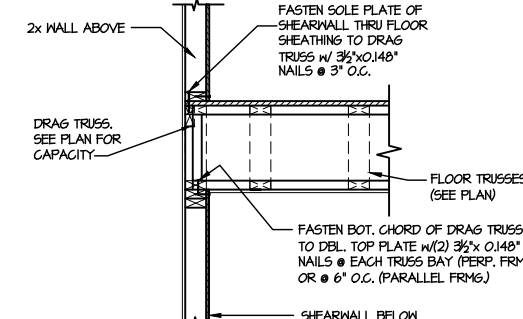
DRB HOMES

FRAMING DETAILS
CAMPBELL RIDGE
LOT 21 - DRAYTON 2
RALEIGH, NC

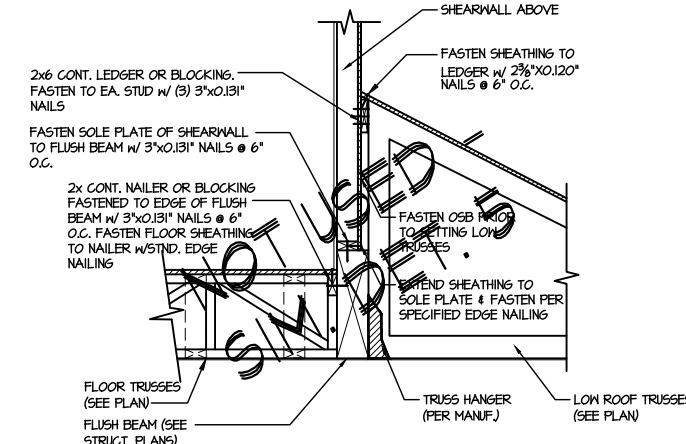
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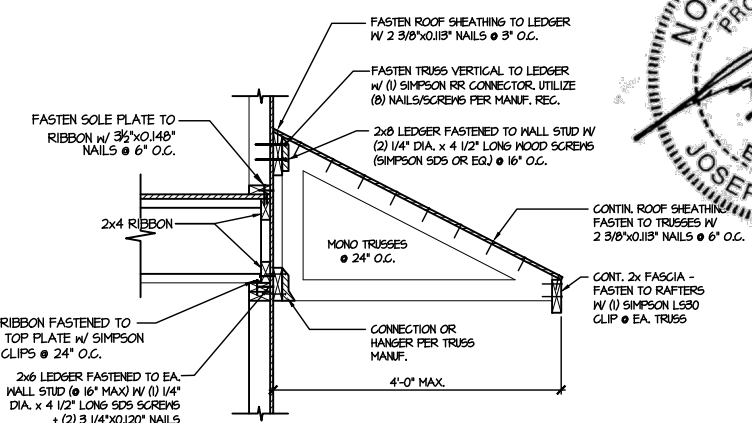
1 SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL BELOW
SCALE: 3/4"=1'-0" PARALLEL FRAMING



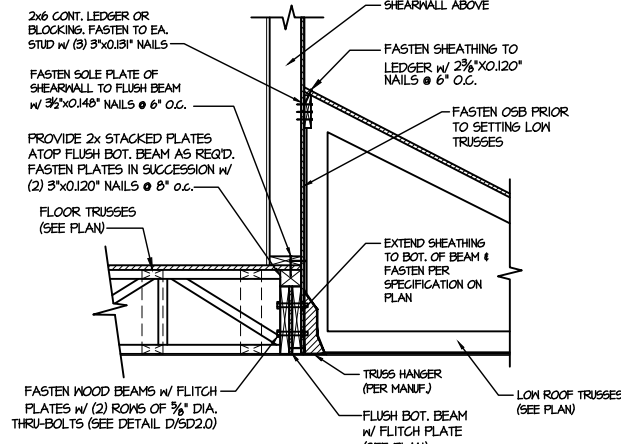
2 SHEAR TRANSFER DETAIL @ INT. SHEARWALL ABOVE & BELOW
SCALE: 3/4"=1'-0" EDGE OF FRAMING



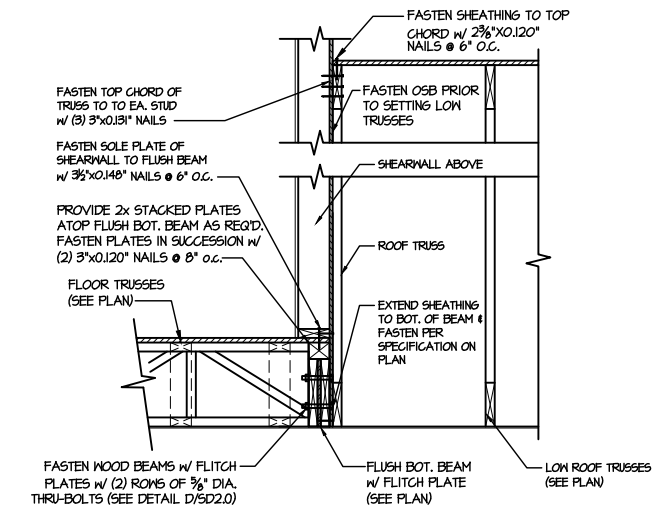
3 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



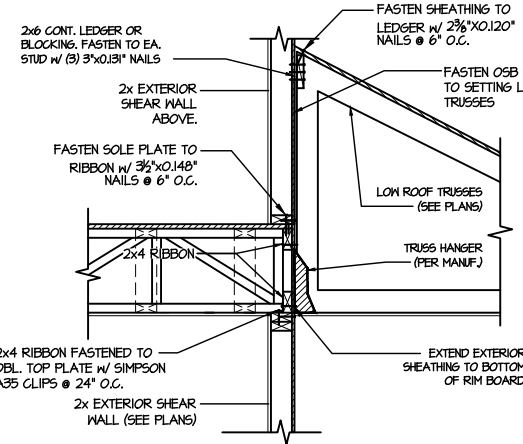
4 DETAIL @ SHED ROOF
SCALE: 3/8"=1'-0"



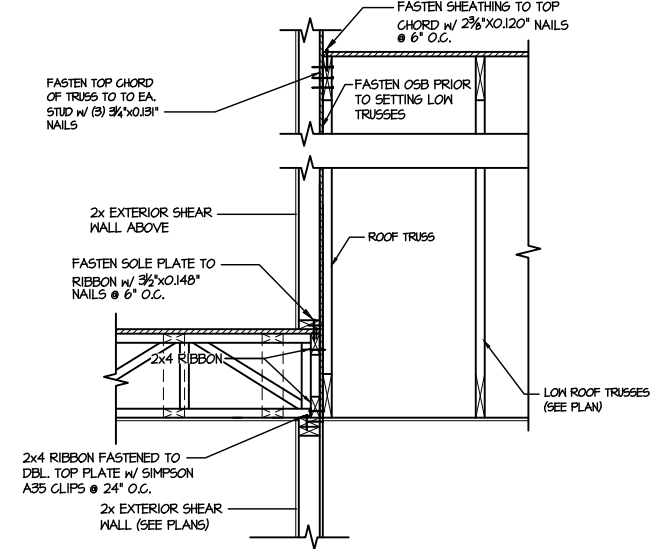
5 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



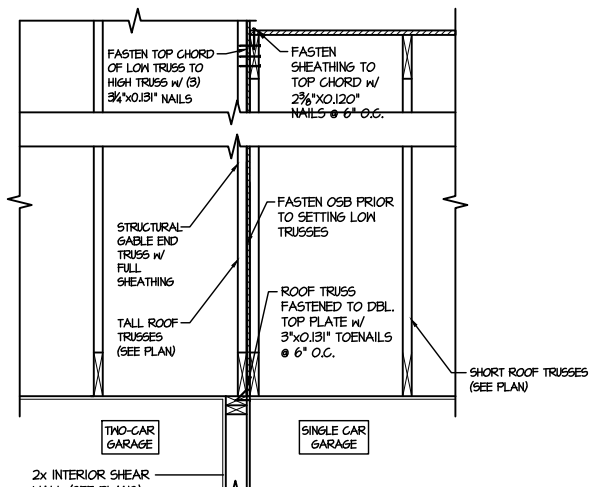
6 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



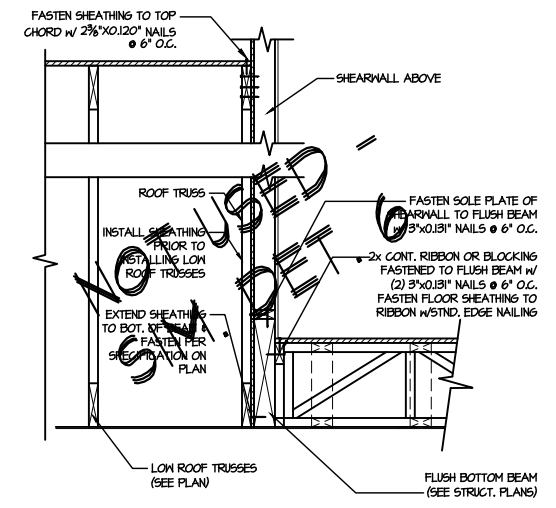
7 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



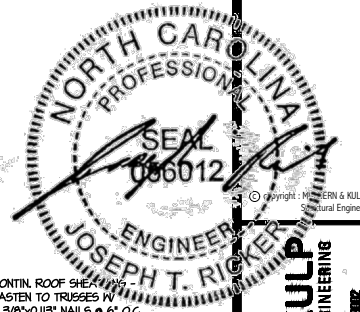
8 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



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"



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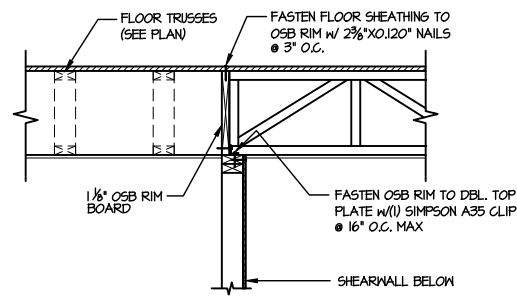
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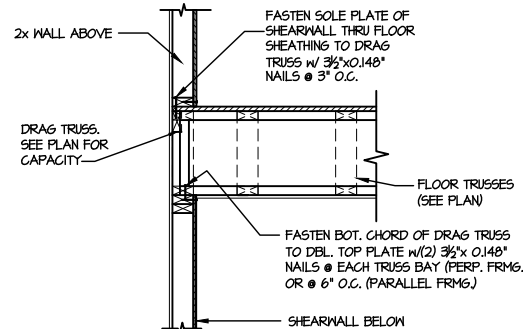
FRAMING DETAILS
CAMPBELL RIDGE
LOT 21 - DRAYTON 2
RALEIGH, NC

sheet:
SD2.1C



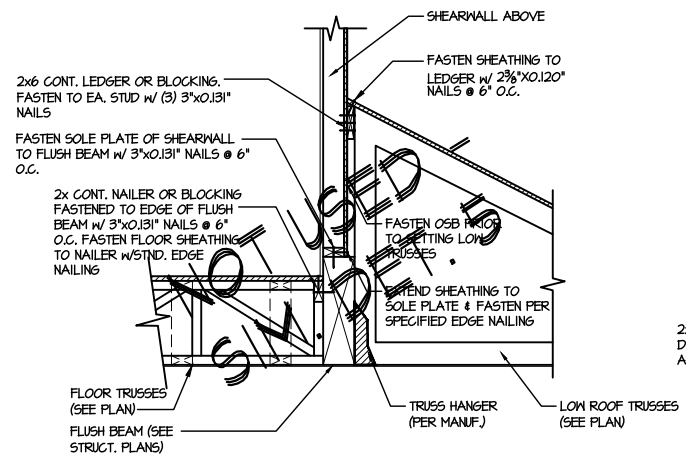
1 SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL BELOW

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



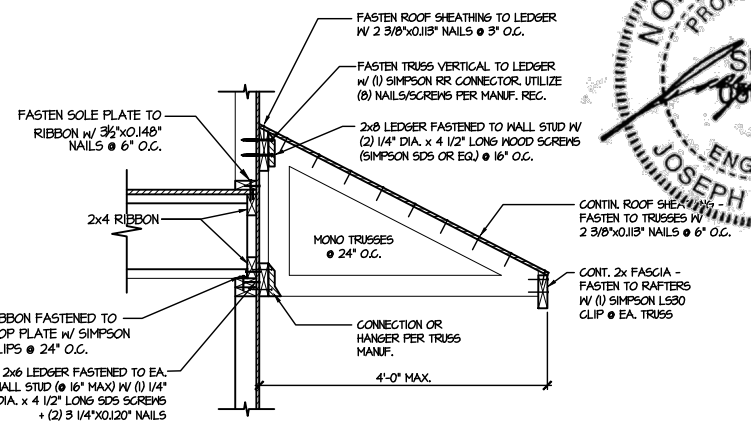
2 SHEAR TRANSFER DETAIL @ INT. SHEARWALL ABOVE & BELOW

SCALE: 3/4"=1'-0" EDGE OF FRAMING



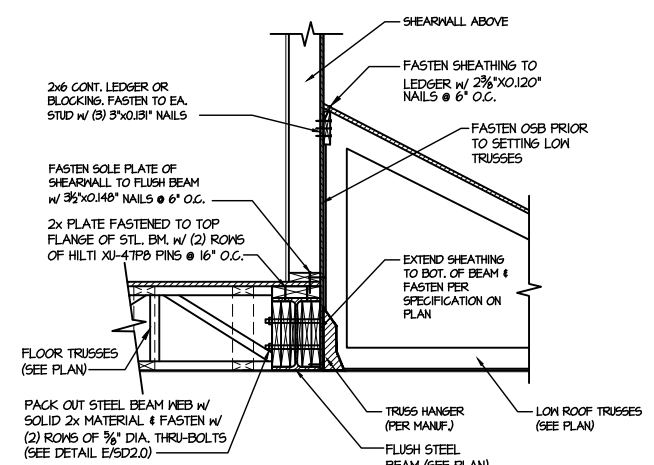
3 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE

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



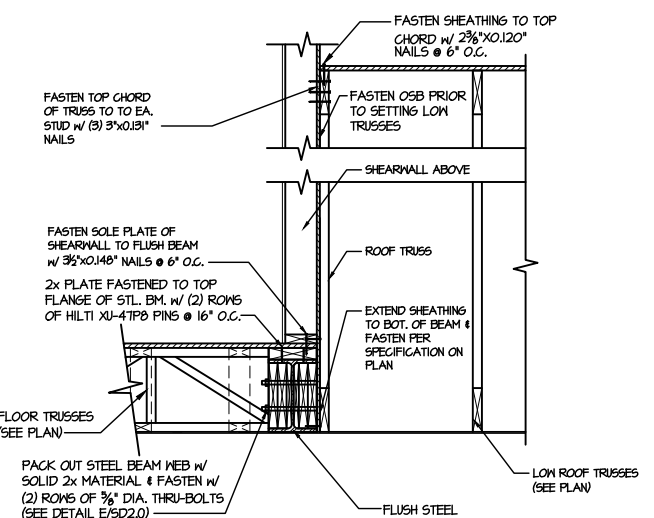
4 DETAIL @ SHED ROOF

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



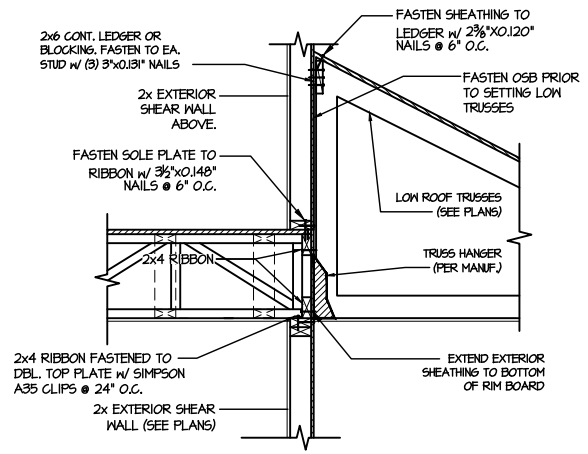
5 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE

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



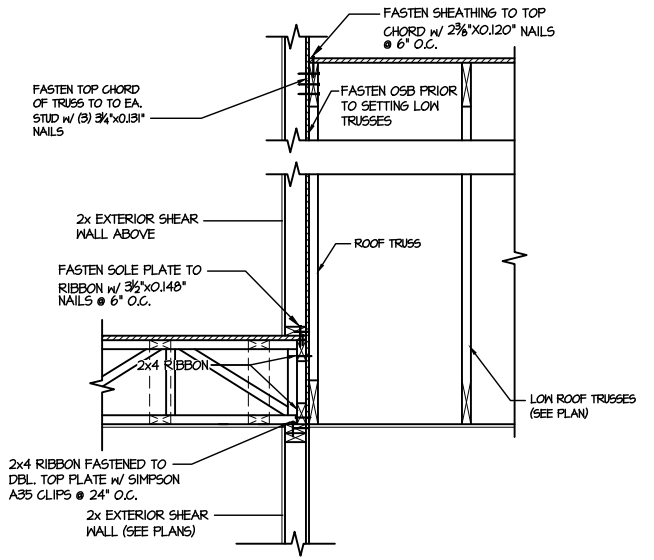
6 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE

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



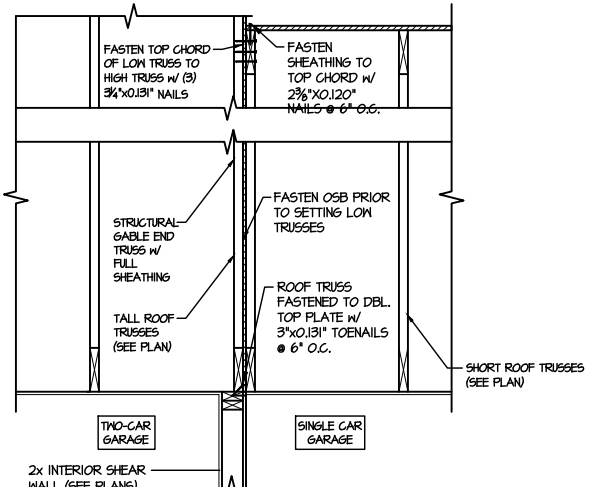
7 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL

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



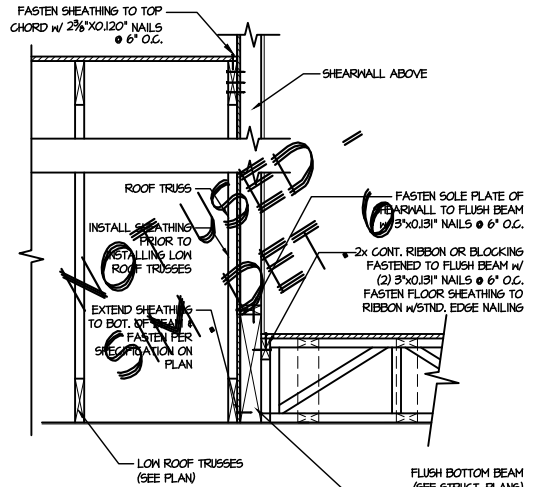
8 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL

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



9 TYPICAL SHEAR TRANSFER DETAIL BETWEEN GARAGE BAYS

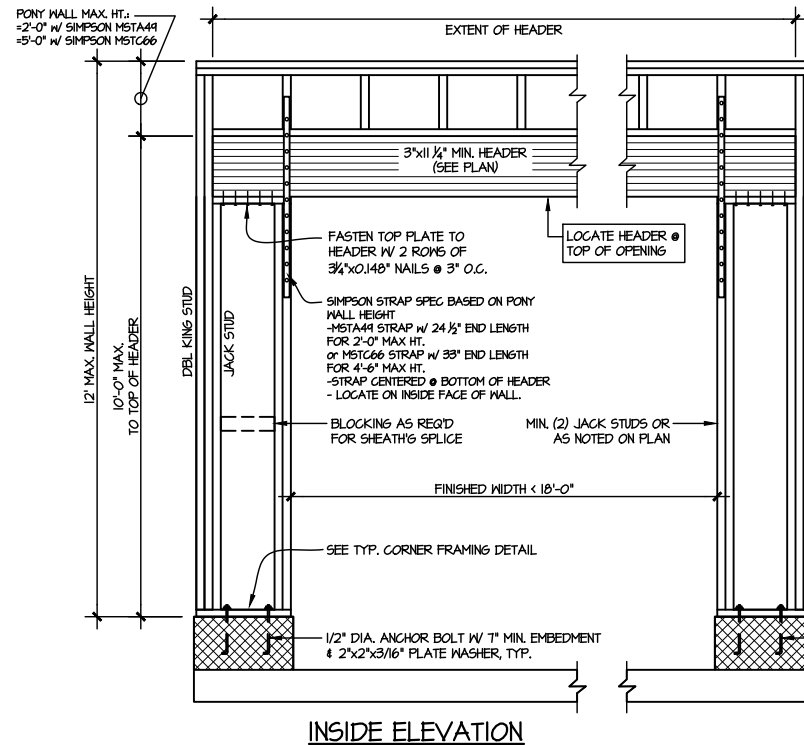
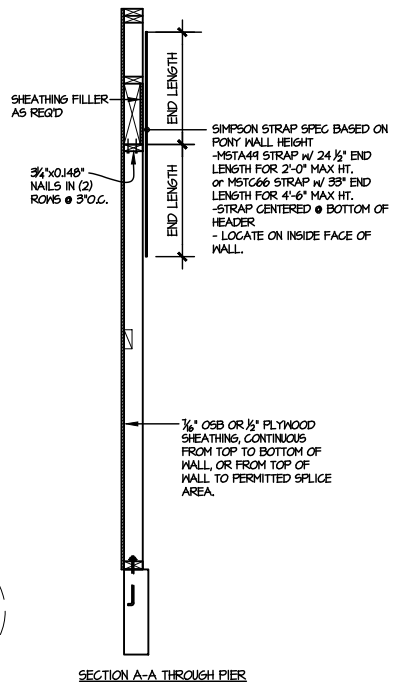
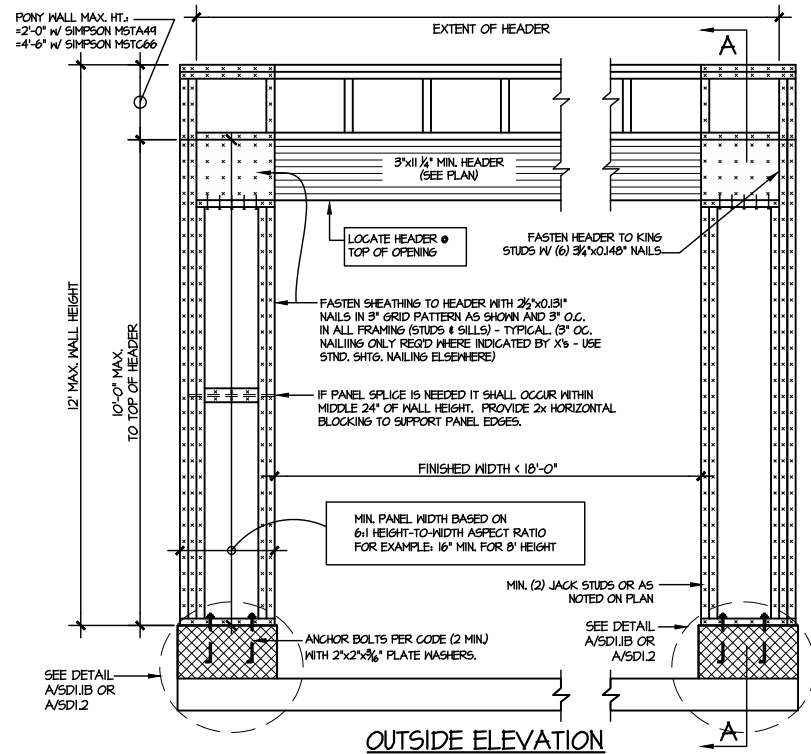
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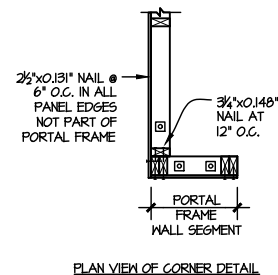
13 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE

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

FILE: RLH - Campbell Ridge - Lot 21 - Structural DATE: 3/21/2025 10:45 AM

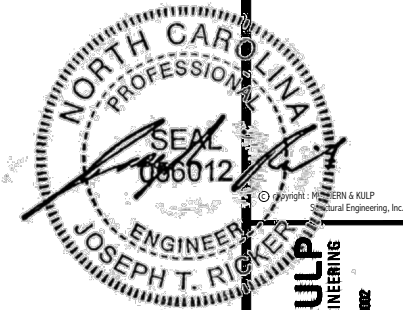


NOTE: ALL SHEATHABLE AREAS OF EXTERIOR WALL SHALL BE FULLY SHEATHED WITH 1/2" PLYWOOD OR 1/8" OSB



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.



M&K project number:
126-24045

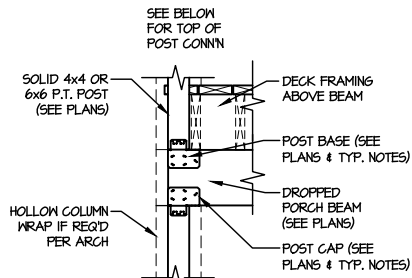
project mgr: JTR
drawn by: JAD
issue date: 03-20-25

REVISIONS:

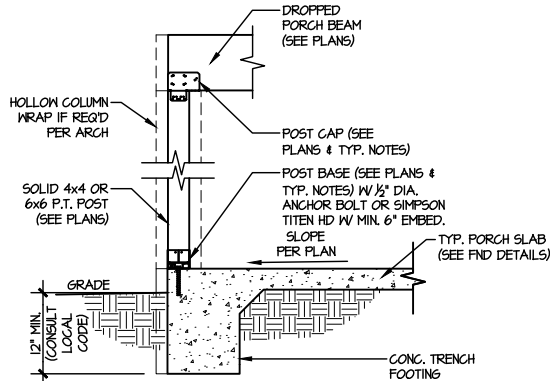
DRB HOMES

FRAMING DETAILS
CAMPBELL RIDGE
LOT 21 - DRAYTON 2
RALEIGH, NC

sheet:
SD2.2

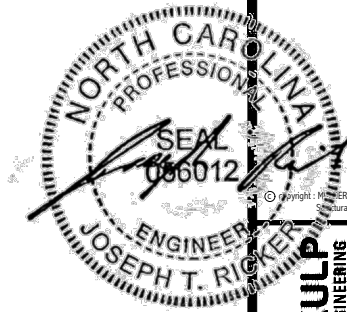


TYPICAL CONNECTION
DETAIL @ 2nd FLOOR DECK



TYPICAL PORCH
POST CONNECTION DETAIL

③ SCALE: NONE SLAB ON GRADE SHOWN (RAISED SLAB SIM.)



seal: 3/21/25



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drawn by: JAD
issue date: 03-20-25

REVISIONS:



FRAMING DETAILS
CAMPBELL RIDGE
LOT 21 - DRAYTON 2
RALEIGH, NC

sheet:
SD3.0