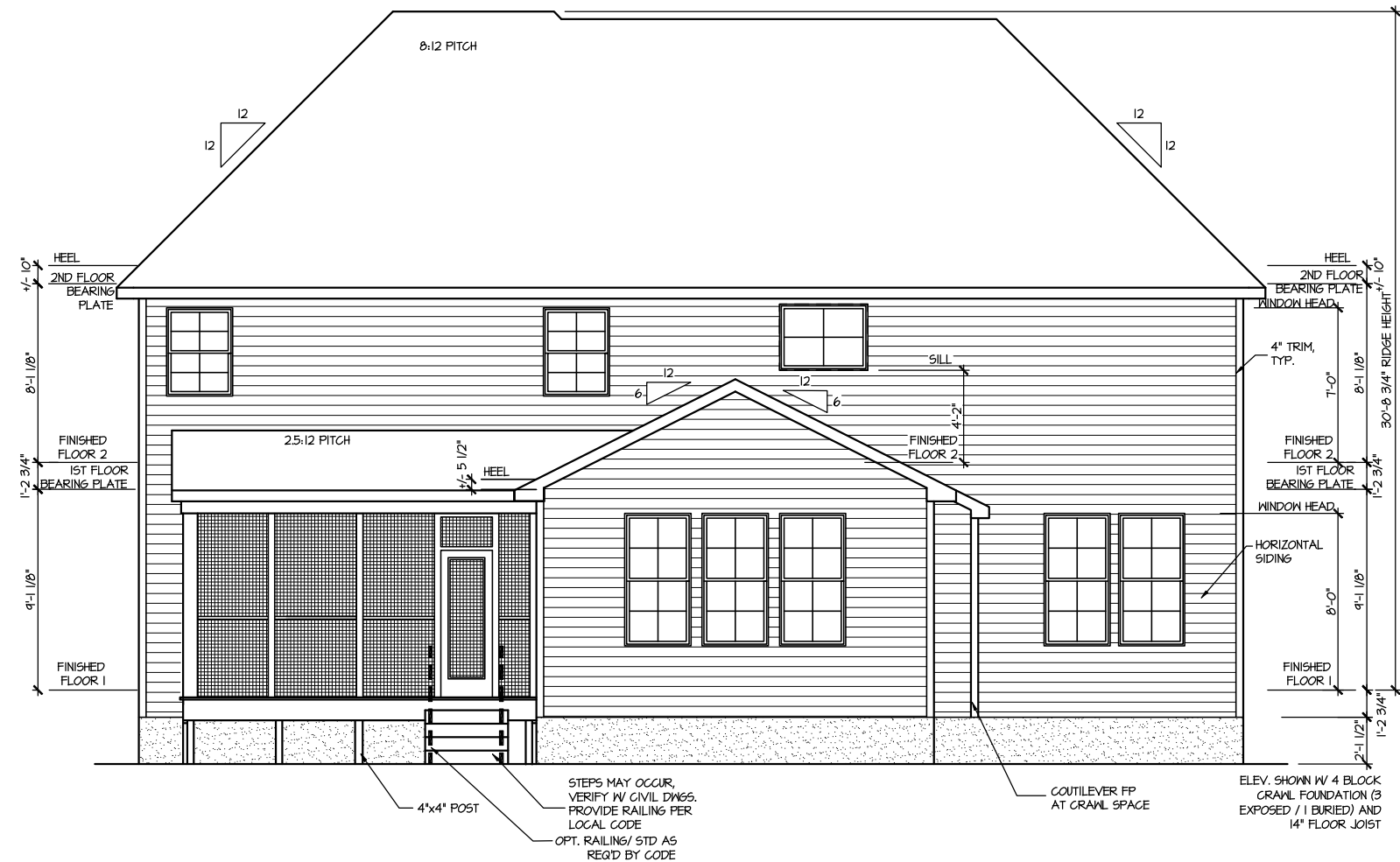


**FRONT ELEVATION 4**

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



**REAR ELEVATION 4**

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

MASTER PLAN INFORMATION	
REVISION	DATE
1 - RALE	09-16-19
UPDATED DATE	12-06-2021

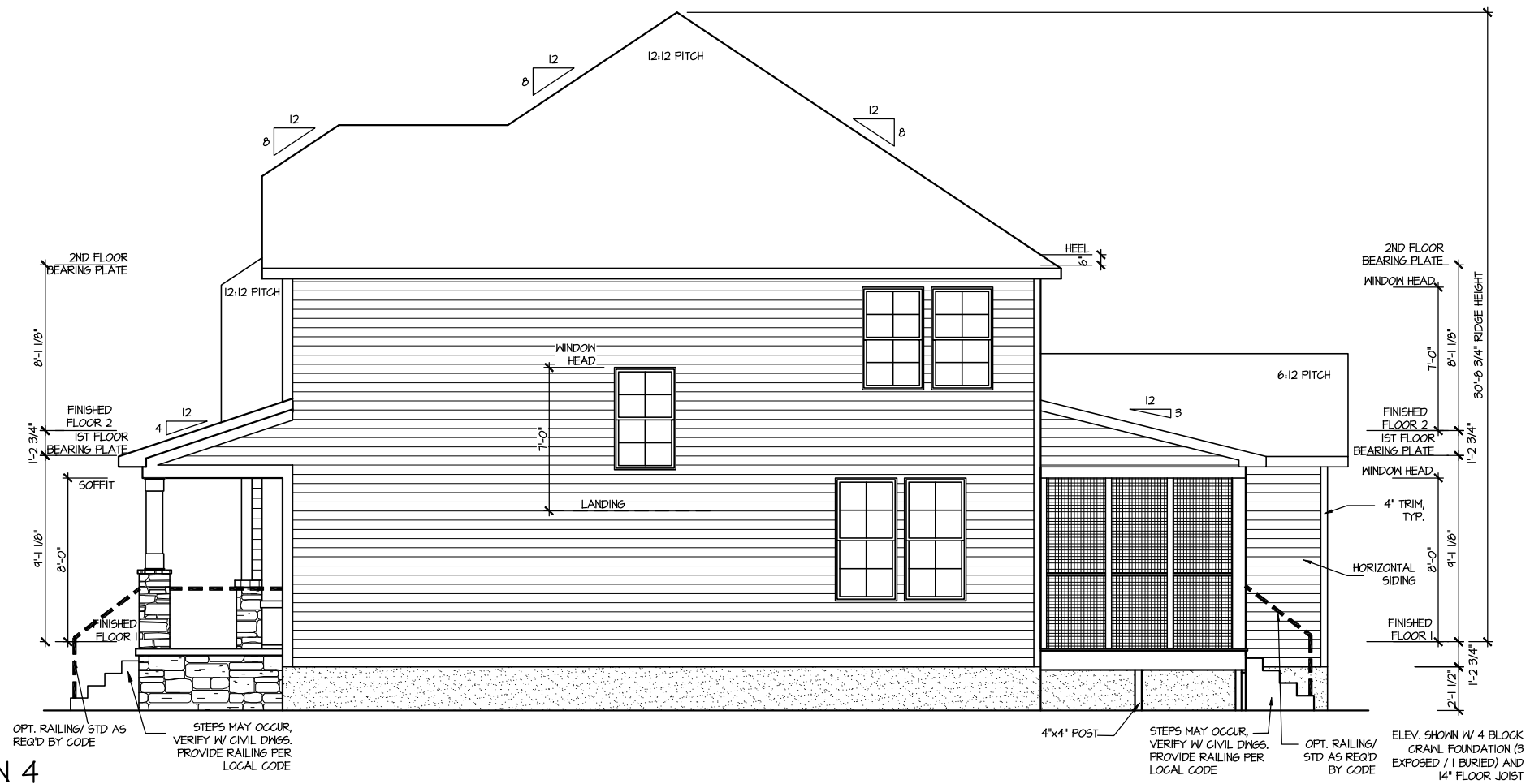
DRAWN BY:	ITS
DATE:	06/27/2023
PLAN NO.	1635



HOUSE NAME:	STONEFIELD
DRAWING TITLE	FRONT & REAR ELEVATIONS

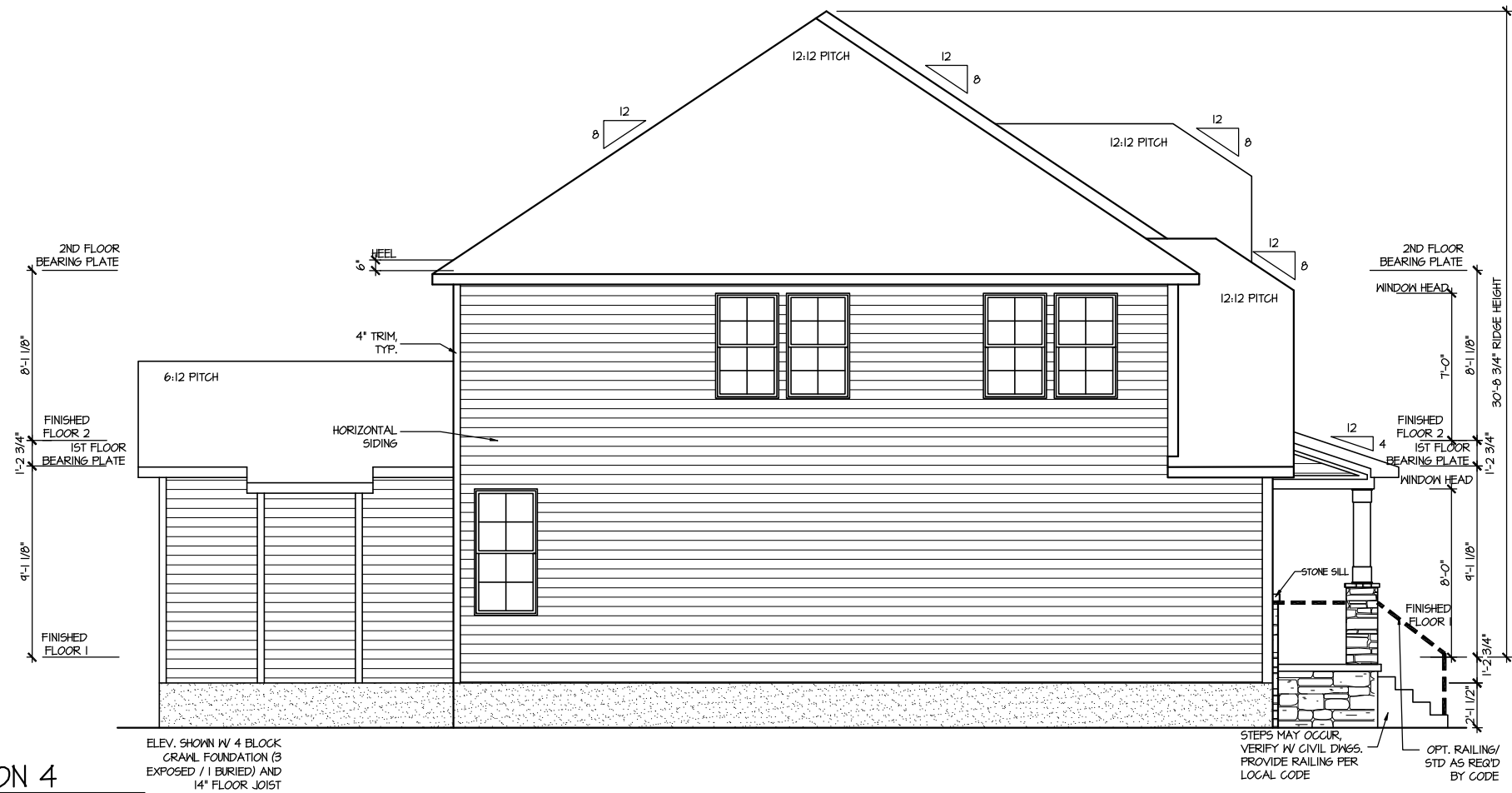
SHEET No.	A.I.
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FILE: Lot\_00.0047.dwg DATE: 6/27/2023 10:56 AM



**RIGHT ELEVATION 4**

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



**LEFT ELEVATION 4**

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

MASTER PLAN INFORMATION		UPDATED DATE
REVISION	DATE	12-06-2021
1-RALE	09-16-19	

DRAWN BY:	ITS
DATE:	06/27/2023
PLAN NO.	1635



HOUSE NAME: STONEFIELD  
 DRAWING TITLE: RIGHT & LEFT ELEVATIONS

SHEET No. A1.2

FILE: Lot\_00.0047.dwg DATE: 6/27/2023 10:56 AM

ATTIC VENT CALCULATION FOR PLAN '4'

**UPPER ROOF VENTILATION CALCULATIONS:**  
 ROOF AREA 1 = 1792 SQ. FT.  
**OVERALL REQUIRED VENTILATION:**  
 1 TO 150 = 11.95 SQ. FT.  
 1 TO 300 = 5.97 SQ. FT.  
 50% IN TOP THIRD = 2.987 SQ. 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 RISE)**  
 82 LINEAR FEET OF SOFFIT X 5.1 SQ. IN. = 3,246 SQ. FT.  
**UPPER VENTING (TOP 1/3 RISE)**  
 24 LINEAR FEET OF RIDGE X 18 SQ. IN. = 3 SQ. FT.  
 3 SQ. FT. AT 50%  
 (1 TO 300 ALLOWED)

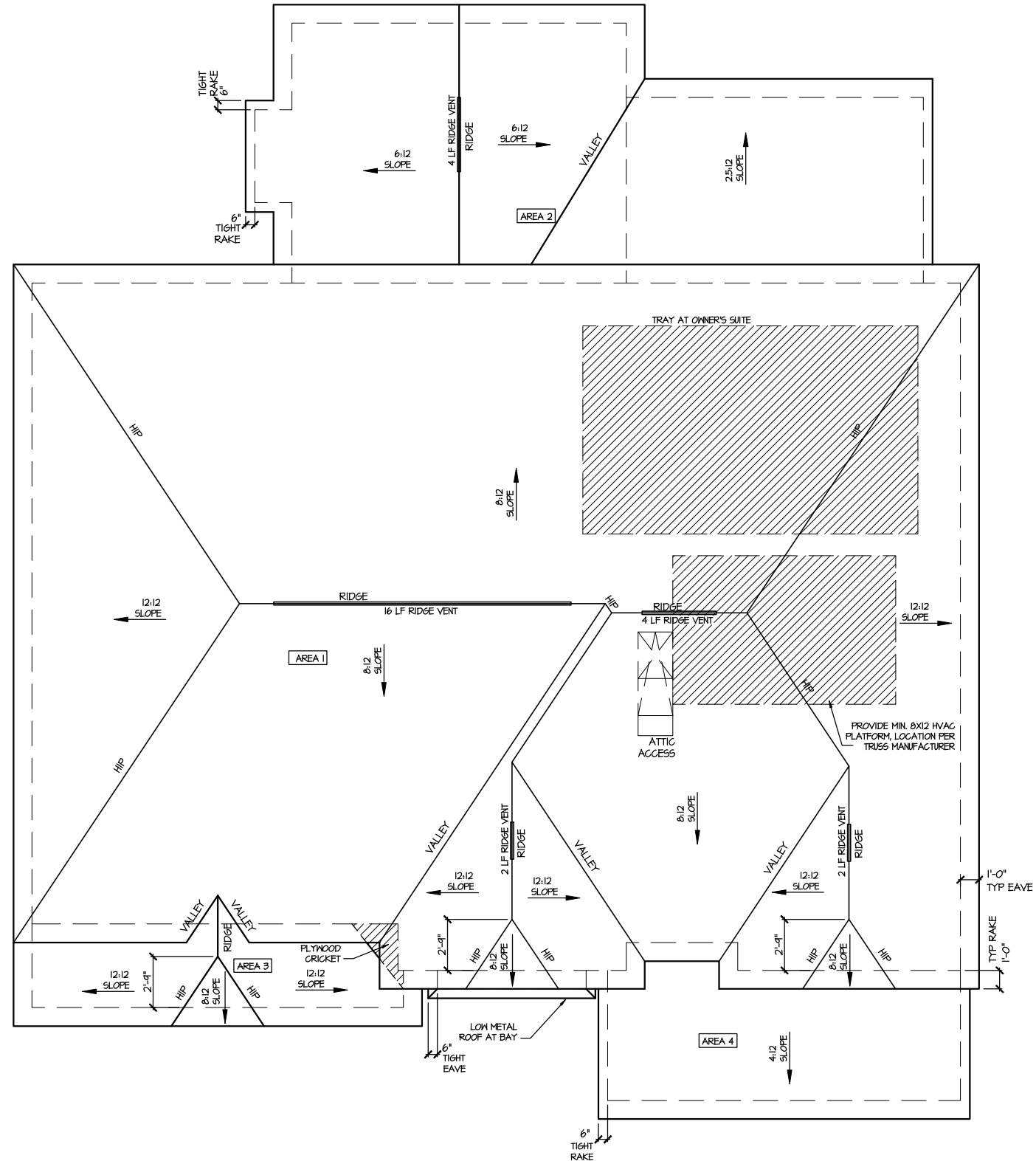
**UPPER ROOF VENTILATION CALCULATIONS:**  
 ROOF AREA 2 = 252 SQ. FT.  
**OVERALL REQUIRED VENTILATION:**  
 1 TO 150 = 1.68 SQ. FT.  
 1 TO 300 = 0.84 SQ. FT.  
 50% IN TOP THIRD = 0.42 SQ. FT. (1 TO 300)  
 NET FREE AREA OF VENTED SOFFIT = 5.1 SQ. IN / LINEAR FT.  
 NET FREE AREA OF RIDGE VENT = 18 SQ. IN / LINEAR FT.  
**LOWER VENTING (BOTTOM 2/3 RISE)**  
 11 LINEAR FEET OF SOFFIT X 5.1 SQ. IN. = 0.489 SQ. FT.  
**UPPER VENTING (TOP 1/3 RISE)**  
 4 LINEAR FEET OF RIDGE X 18 SQ. IN. = 0.5 SQ. FT.  
 0.5 SQ. FT. AT 50%  
 (1 TO 300 ALLOWED)

**UPPER ROOF VENTILATION CALCULATIONS:**  
 ROOF AREA 3 = 84 SQ. FT.  
**OVERALL REQUIRED VENTILATION:**  
 1 TO 150 = 5.49 SQ. FT.  
 1 TO 300 = 2.71 SQ. FT.  
 50% IN TOP THIRD = 1.40 SQ. 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 RISE)**  
 23 LINEAR FEET OF SOFFIT X 5.1 SQ. IN. = 0.88 SQ. FT.  
**UPPER VENTING (TOP 1/3 RISE)**  
 8 LINEAR FEET OF RIDGE X 18 SQ. IN. = 1 SQ. FT.  
 1 SQ. FT. BETWEEN 50%  
 (1 TO 300 ALLOWED)

**UPPER ROOF VENTILATION CALCULATIONS:**  
 ROOF AREA 4 = 142 SQ. FT.  
**OVERALL REQUIRED VENTILATION:**  
 1 TO 150 = 0.441 SQ. FT.  
 1 TO 300 = 0.219 SQ. FT.  
 50% IN TOP THIRD = 0.237 SQ. 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 RISE)**  
 20 LINEAR FEET OF SOFFIT X 5.1 SQ. IN. = 0.71 SQ. FT.  
**UPPER VENTING (TOP 1/3 RISE)**  
 8 LINEAR FEET OF RIDGE X 18 SQ. IN. = 1 SQ. FT.  
 1 SQ. FT. AT 50%  
 (1 TO 300 ALLOWED)

**UPPER ROOF VENTILATION CALCULATIONS:**  
 ROOF AREA 6 = 234 SQ. FT.  
**OVERALL REQUIRED VENTILATION:**  
 1 TO 150 = 1.56 SQ. FT.  
 1 TO 300 = 0.78 SQ. FT.  
 50% IN TOP THIRD = 0.394 SQ. 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 RISE)**  
 10 LINEAR FEET OF SOFFIT X 5.1 SQ. IN. = 0.316 SQ. FT.  
**UPPER VENTING (TOP 1/3 RISE)**  
 4 LINEAR FEET OF RIDGE X 18 SQ. IN. = 0.5 SQ. FT.  
 1 SQ. FT. AT 50%  
 (1 TO 300 ALLOWED)

NOTE: ROOF PLANS SHOWN W/ MIN. REQ'D RIDGE VENT LOCATIONS.  
 ACTUAL RIDGE VENT LOCATIONS AND QUANTITY PER BUILDER



ROOF PLAN ELEV. 4

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

MASTER PLAN INFORMATION	
REVISION	DATE
1-RALE	09-16-19
	UPDATED DATE
	12-06-2021

DRAWN BY: ITS  
 DATE: 06/27/2023  
 PLAN NO. 1635



HOUSE NAME: STONEFIELD  
 DRAWING TITLE: ROOF PLAN

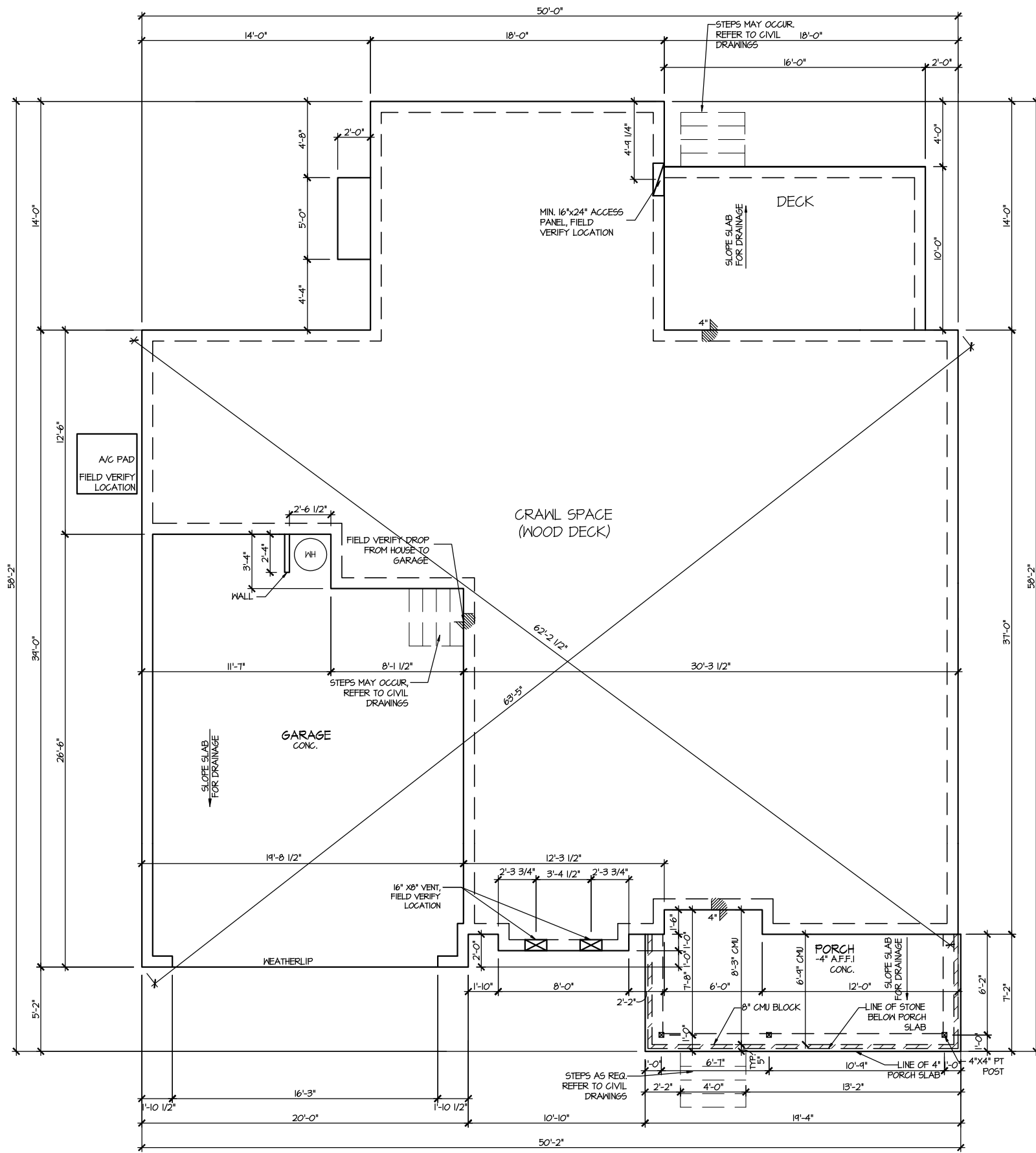
SHEET No. A13

CRAWL SPACE VENT CALCULATIONS: ELEV 4  
 CRAWL AREA = 1552 SQ. FT.  
 OVERALL REQUIRED VENTILATION:  
 1 SQ. IN. PER 1 SQ. FT. = 1552 SQ. IN.

NET FREE AREA OF VENT = 72 SQ. IN. PER VENT  
 WITHIN AUTOMATIC VENT OAL-1 OR EQUAL

VENTING REQUIREMENT:  
 1552 SQ. IN. / 72 SQ. IN. = 21.6 VENTS = 22 VENTS

ONLY VENTS ON THE FRONT ELEVATION ARE SHOWN.  
 ALL OTHERS TO BE FIELD LOCATED.  
 VENTS SHALL BE INSTALLED PER R322.2.2 - R322.2.2.1



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

MASTER PLAN INFORMATION	
REVISION	DATE
1 - RALE	09-16-19
	UPDATED DATE
	12-06-2021

DRAWN BY:  
 ITS

DATE:  
 06/27/2023

PLAN NO.  
 1635

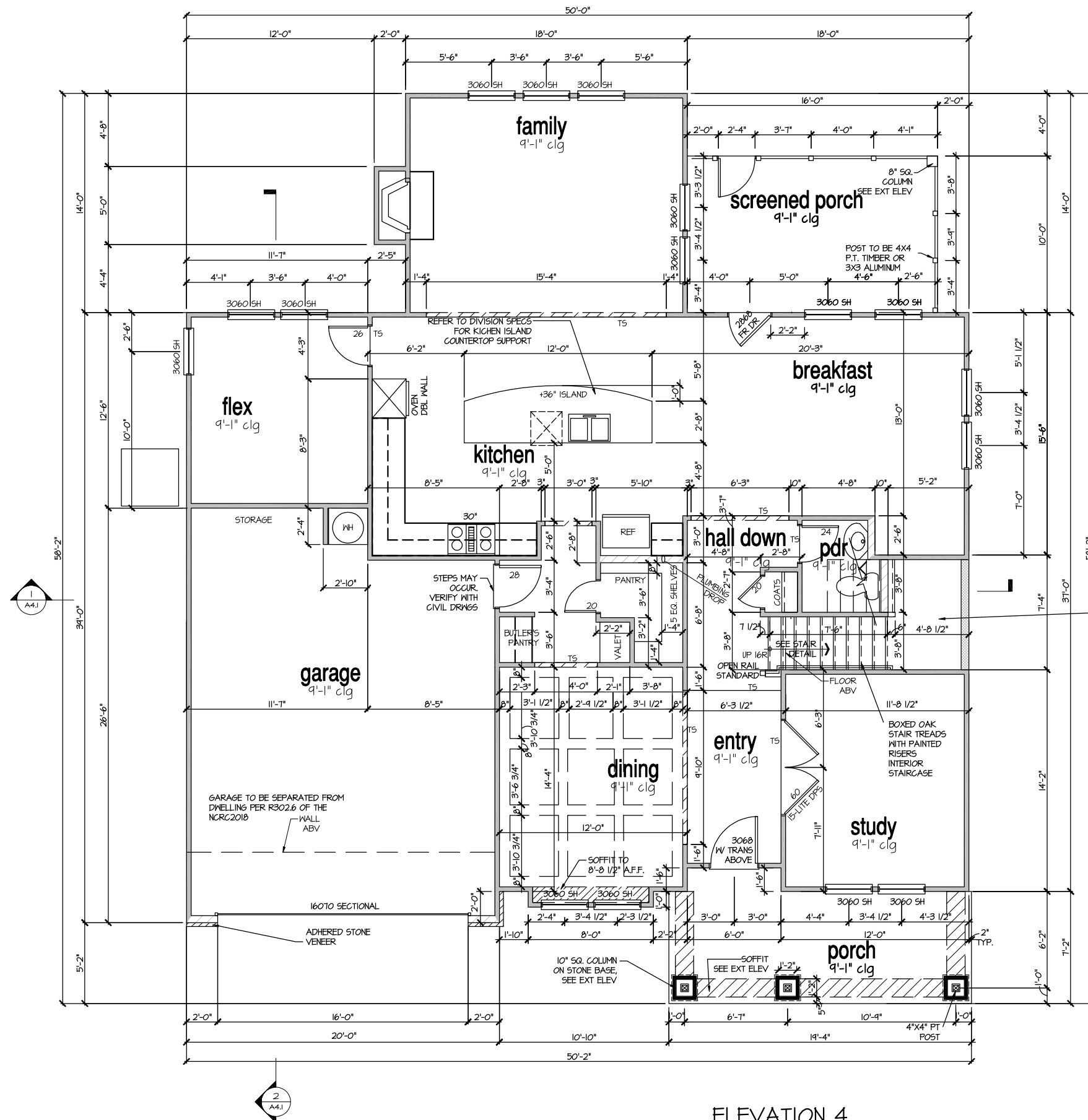


HOUSE NAME:  
 STONEFIELD

DRAWING TITLE  
 CRAWL SPACE PLAN

SHEET No.  
 A2.1

FILE: Lot 00.0047.dwg DATE: 6/27/2023 10:56 AM



ELEVATION 4  
FIRST FLOOR PLAN

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

MASTER PLAN INFORMATION	
REVISION	DATE
1 - RALE	09-16-19
UPDATED DATE	12-06-2021

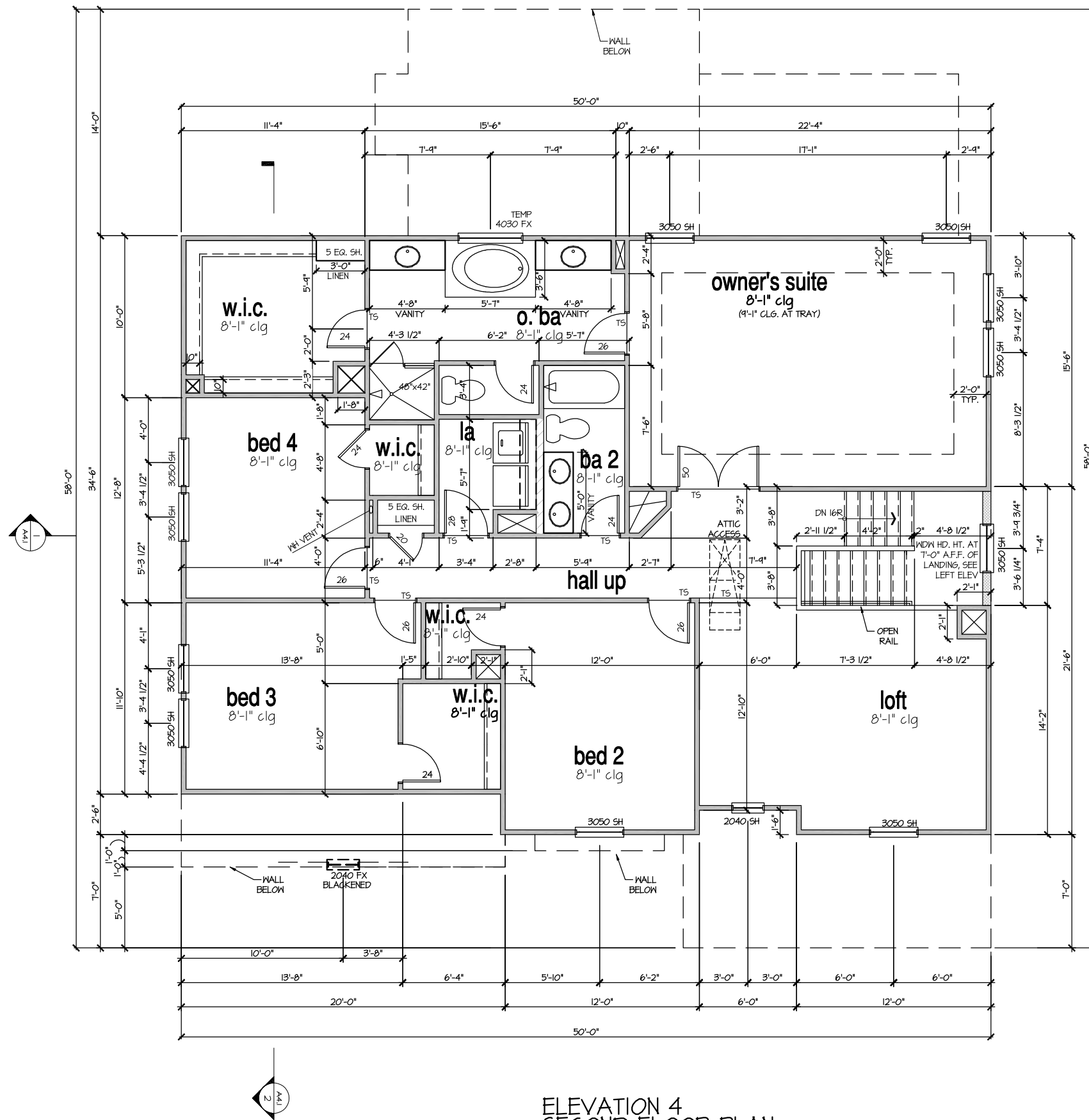
DRAWN BY:	ITS
DATE:	06/27/2023
PLAN NO.	1635



HOUSE NAME:	STONEFIELD
DRAWING TITLE	FIRST FLOOR PLAN

SHEET No.	A3.1
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FILE: Lot 00.0047.dwg DATE: 6/27/2023 10:56 AM



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

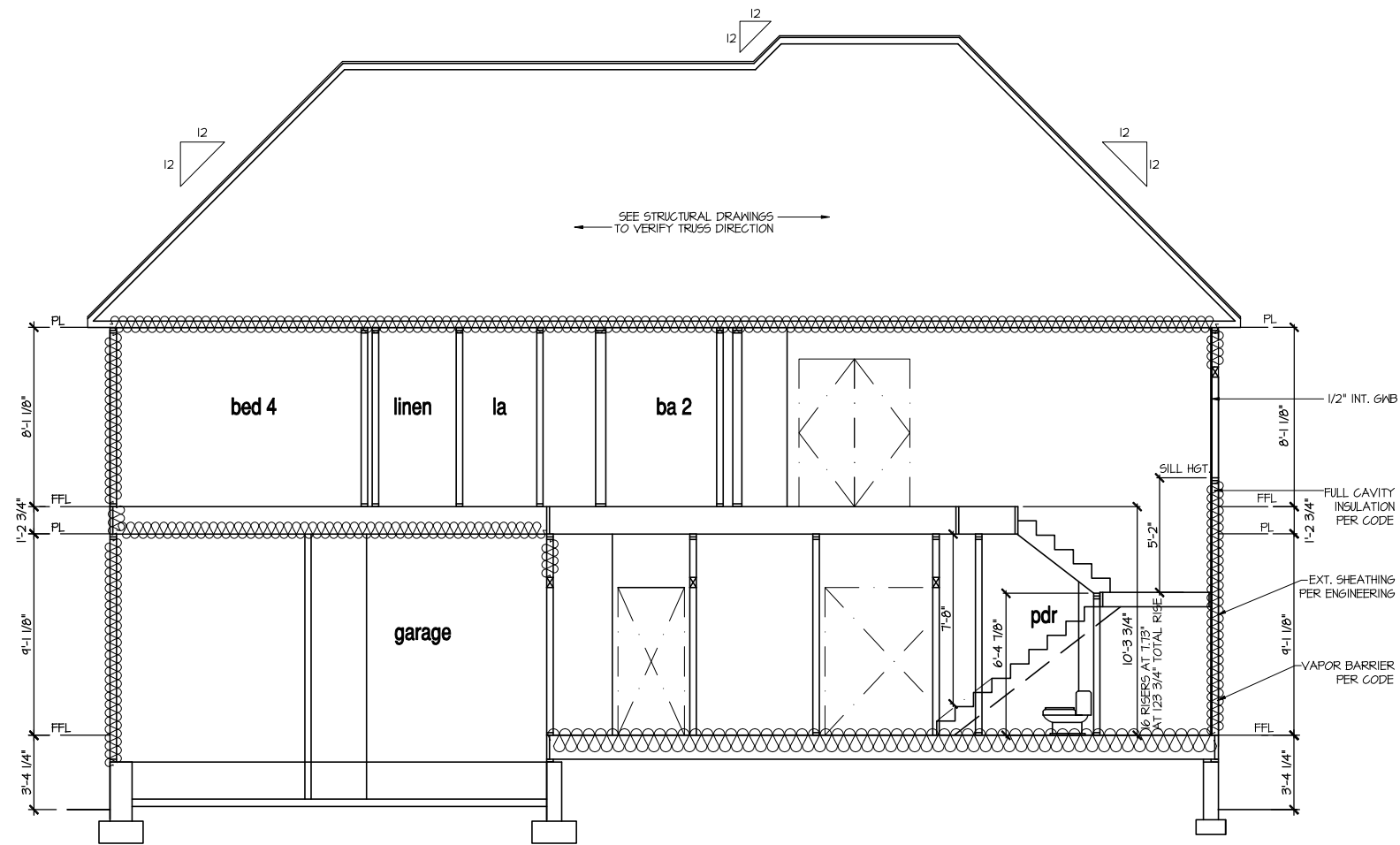
MASTER PLAN INFORMATION	
REVISION	DATE
1 - RALE	09-16-19
UPDATED DATE	12-06-2021

DRAWN BY:	ITS
DATE:	06/27/2023
PLAN NO.	1635

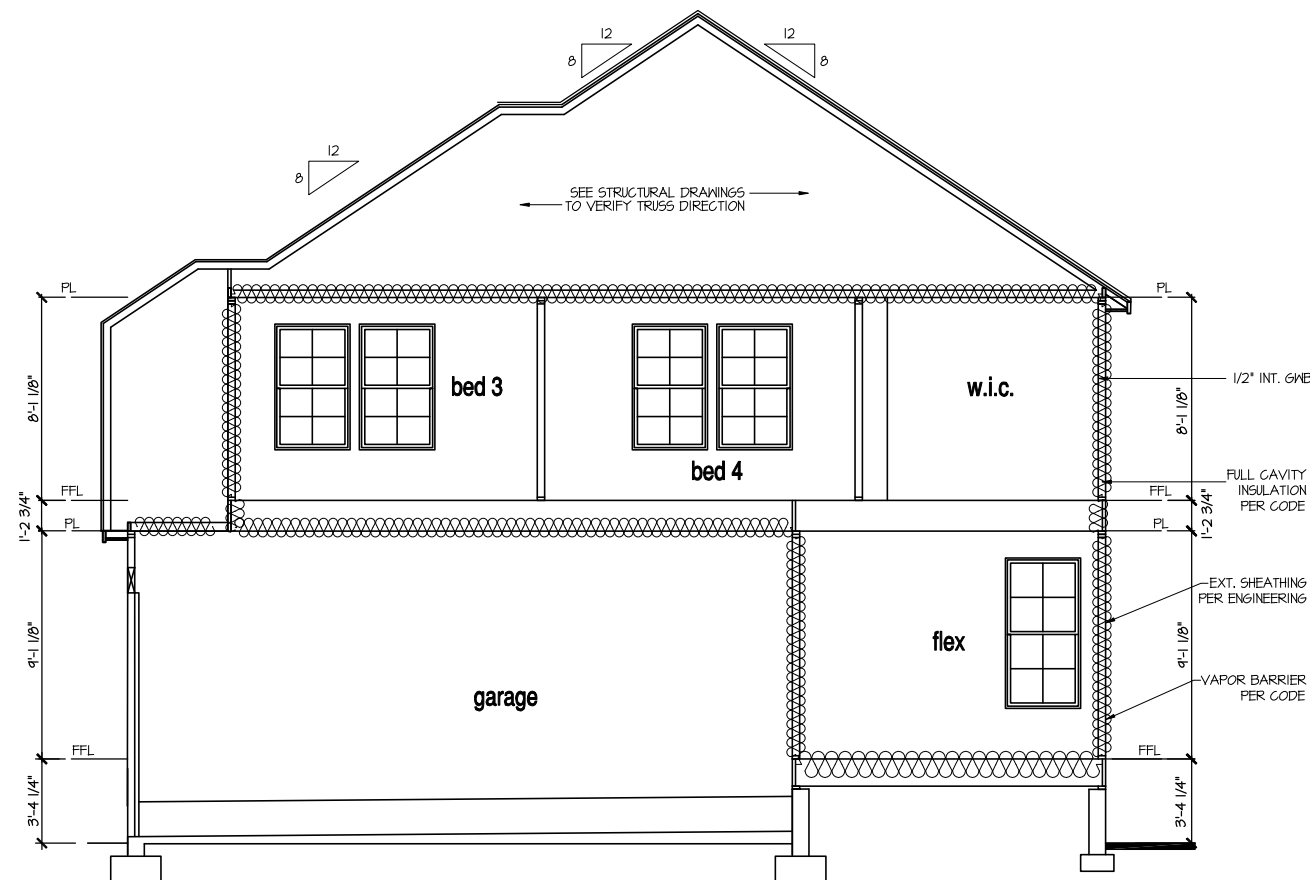


HOUSE NAME:	STONEFIELD
DRAWING TITLE	SECOND FLOOR PLAN

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



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

**9'-1" STAIR NOTE:**  
USE 14" T.J. WITH 3/4" PLYWOOD SUBFLOOR.  
15 TREADS AT 10" EACH VERIFY  
16 RISERS AT +/- 1.13" = 123 3/4" TOTAL  
RISE VERIFY

**NOTES:**

- BUILDING SECTIONS SHOWN HERE DEPICT VOLUMN SPACES WITHIN THE STRUCTURE. REFER TO STRUCTURAL DRAWINGS, TRUSS DRAWINGS, STRUCTURAL DETAILS AND CALCULATIONS BY OTHER FOR ALL STRUCTURAL INFO.
- ROOFING: PITCHED SHINGLE ROOF. REFER TO ROOF PLAN FOR TYPICALS.
- WOOD FLOORS: FLOOR SHEATHING OVER FLOOR JOIST. REFER TO STRUCTURAL AND TRUSS DRAWINGS BY OTHERS.
- INSULATION:  
 EXTERIOR WALLS: R-13 BATT'S MINIMUM. VERIFY  
 CEILING WITH ATTIC ABOVE: R-38 BATT'S MINIMUM. VERIFY  
 FLOOR OVER GARAGE: R-14 BATT'S MINIMUM. VERIFY  
 ATTIC KNEEWALL: R-14 BATT'S MINIMUM. VERIFY

PER STATE RESIDENTIAL CODE  
COMPLIANCE METHOD TO BE  
DETERMINED BY BUILDER.

MASTER PLAN INFORMATION	
REVISION	DATE
1-RALE	09-16-19
UPDATED DATE	12-06-2021

DRAWN BY:	ITS
DATE:	06/27/2023
PLAN NO.	1635

**DRB**  
**HOMES**

HOUSE NAME:  
**STONEFIELD**  
DRAWING TITLE  
**BUILDING SECTION**

SHEET No.  
**A4.1**



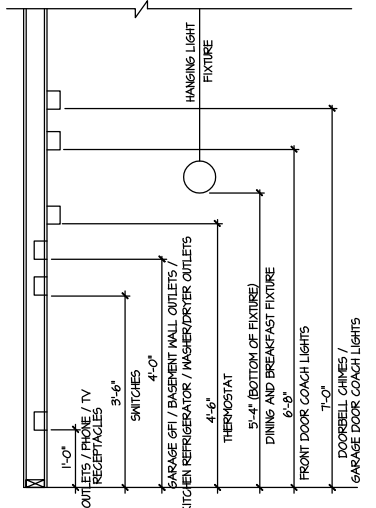
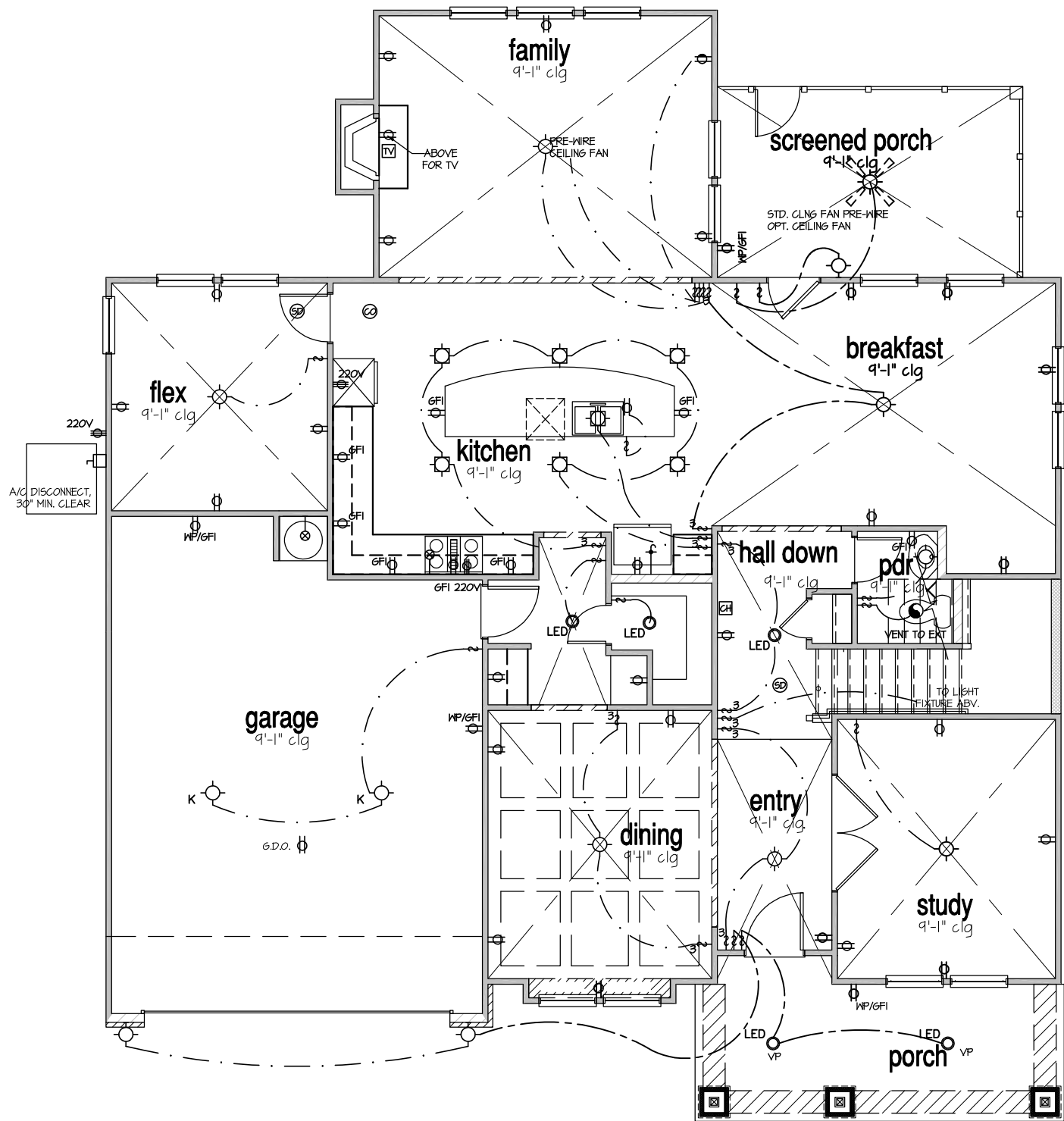
MASTER PLAN INFORMATION	
REVISION	DATE
1 - RALE	09-16-19
UPDATED DATE	12-06-2021

DRAWN BY: ITS  
DATE: 06/27/2023  
PLAN NO. 1635

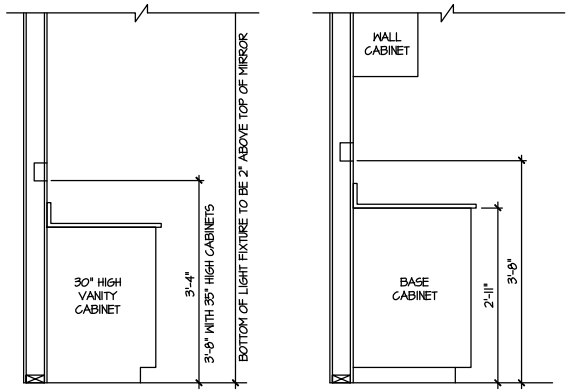


HOUSE NAME: STONEFIELD  
DRAWING TITLE: FIRST FLOOR ELECTRICAL

SHEET No. E.I.



STANDARD ELECTRICAL BOX HEIGHTS



SWITCH AND RECEPTACLE BOXES OVER BATH CABINETS  
SWITCH AND RECEPTACLE BOXES OVER KITCHEN CABINETS

NOTES:

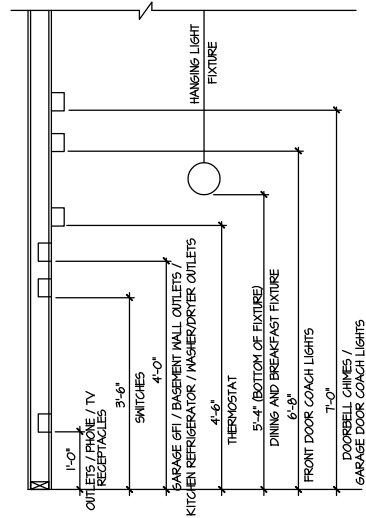
- PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE DETECTORS AND CO2 DETECTORS AS REQUIRED BY NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.
- PROVIDE AND INSTALL GROUND FAULT CIRCUIT-INTERRUPTERS (GFI) AS REQUIRED BY NATIONAL ELECTRICAL CODE (NEC) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.
- ELECTRICAL CONTRACTOR TO PROVIDE REQUIRED DIRECT HOOK-UPS/CUTOFFS.
- HVAC CONTRACTOR TO VERIFY THERMOSTAT LOCATIONS.
- ALL ELECTRICAL AND MECHANICAL EQUIPMENT (FURNACES, A/C UNITS, ELECTRICAL PANELS, SANITARY SUMP PITS, DRAIN TILE SUMP, AND WATER HEATERS) ARE SUBJECT TO RELOCATION DUE TO FIELD CONDITIONS.
- PROVIDE POWER, LIGHT AND SWITCH AS REQUIRED FOR ATTIC FURNACE PER CODE AND MANUFACTURER'S WRITTEN INSTRUCTIONS.
- CLOSET LIGHTS TO BE FLUORESCENT FIXTURES FOR NC & INCANDESCENT CLG. MOUNTED FIXTURES FOR ALL OTHER AREAS.

LEGEND:

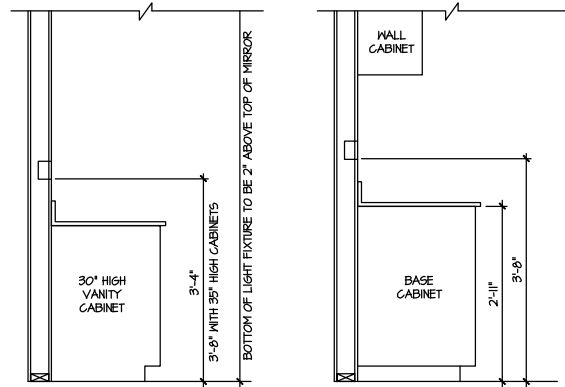
⊕	AFGI DUPLEX OUTLET	⊙	CEILING MOUNTED INCANDESCENT LIGHT FIXTURE	⊠	CHIMES	⊗	CEILING FAN (PROVIDE ADEQUATE SUPPORT)
⊕MP/GFI	WEATHERPROOF GFI AFGI DUPLEX OUTLET	⊙K	KEYLESS LIGHT	⊠	PUSHBUTTON SWITCH	⊗	CEILING FAN WITH INCANDESCENT LIGHT FIXTURE (PROVIDE ADEQUATE SUPPORT)
⊕GFI	GROUND-FAULT CIRCUIT-INTERRUPTER AFGI DUPLEX OUTLET	⊙	MALL MOUNTED INCANDESCENT LIGHT FIXTURE	⊠	110V SMOKE DETECTOR W/ BATTERY BACKUP	⊗	CEILING FAN WITH INCANDESCENT LIGHT FIXTURE (PROVIDE ADEQUATE SUPPORT)
⊕	HALF-SWITCHED AFGI DUPLEX OUTLET	⊙	RECESSED LIGHT FIXTURE	⊠	CO2 DETECTOR	⊗	6AS SUPPLY WITH VALVE
⊕220V	220 VOLT AFGI OUTLET	⊙LED	LED SURFACE MOUNTED	⊠	THERMOSTAT	⊗	HOSE BIBB
⊕	REINFORCED JUNCTION BOX	⊙	EXHAUST FAN (VENT TO EXTERIOR)	⊠	TELEPHONE	⊗	1/4" WATER STUB OUT
⊕	WALL SWITCH	⊙	EXHAUST FAN/LIGHT COMBINATION (VENT TO EXTERIOR)	⊠	TELEVISION	⊗	TECH. HUB SYSTEM
⊕3	THREE-WAY SWITCH	⊙		⊠	ELECTRIC METER		
⊕4	FOUR-WAY SWITCH	⊙		⊠	ELECTRIC PANEL		
⊕	LED STRIP FIXTURE	⊙		⊠	DISCONNECT SWITCH		

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

FILE: Lot 00.0047.dwg DATE: 6/27/2023 10:56 AM

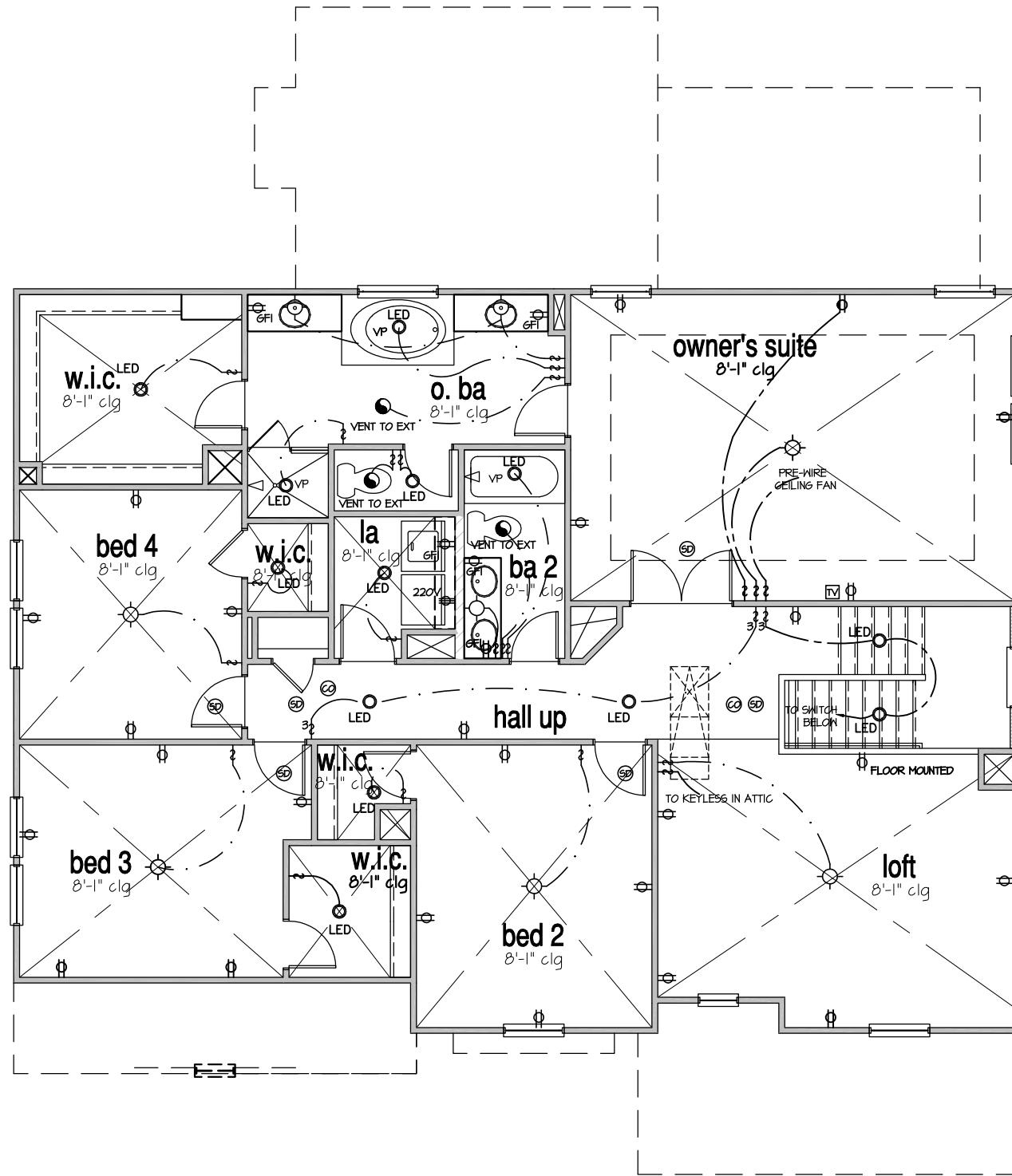


STANDARD ELECTRICAL BOX HEIGHTS



SWITCH AND RECEPTACLE BOXES OVER BATH CABINETS

SWITCH AND RECEPTACLE BOXES OVER KITCHEN CABINETS



NOTES:

- PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE DETECTORS AND CO2 DETECTORS AS REQUIRED BY NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.
- PROVIDE AND INSTALL GROUND FAULT CIRCUIT-INTERRUPTERS (GFI) AS REQUIRED BY NATIONAL ELECTRICAL CODE (NEC) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.
- ELECTRICAL CONTRACTOR TO PROVIDE REQUIRED DIRECT HOOK-UPS/CUTOFFS.
- HVAC CONTRACTOR TO VERIFY THERMOSTAT LOCATIONS.
- ALL ELECTRICAL AND MECHANICAL EQUIPMENT (FURNACES, A/C UNITS, ELECTRICAL PANELS, SANITARY SUMP PITS, DRAIN TILE PUMP, AND WATER HEATERS) ARE SUBJECT TO RELOCATION DUE TO FIELD CONDITIONS.
- PROVIDE POWER, LIGHT AND SWITCH AS REQUIRED FOR ATTIC FURNACE PER CODE AND MANUFACTURER'S WRITTEN INSTRUCTIONS.
- CLOSET LIGHTS TO BE FLOURESCENT FIXTURES FOR NC & INCANDESCENT CLG. MOUNTED FIXTURES FOR ALL OTHER AREAS.

LEGEND:

⊕	AFGI DUPLEX OUTLET	☉	CEILING MOUNTED INCANDESCENT LIGHT FIXTURE	☑	CHIMES	☼	CEILING FAN (PROVIDE ADEQUATE SUPPORT)
⊕GFI	WEATHERPROOF GFI AFGI DUPLEX OUTLET	☼	KEYLESS LIGHT	⊞	PUSHBUTTON SWITCH	☼	CEILING FAN WITH INCANDESCENT LIGHT FIXTURE (PROVIDE ADEQUATE SUPPORT)
⊕GFI	GROUND-FAULT CIRCUIT-INTERRUPTER AFGI DUPLEX OUTLET	☉	WALL MOUNTED INCANDESCENT LIGHT FIXTURE	☉	110V SMOKE DETECTOR W/ BATTERY BACKUP	☉	CO2 DETECTOR
⊕	HALF-SWITCHED AFGI DUPLEX OUTLET	☼	RECESSED LIGHT FIXTURE	⊞	THERMOSTAT	☑	TELEPHONE
⊕220V	220 VOLT AFGI OUTLET	☉	LED SURFACE MOUNTED	☑	TELEVISION	☑	ELECTRIC METER
⊞	REINFORCED JUNCTION BOX	☉LED	EXHAUST FAN (VENT TO EXTERIOR)	☑	ELECTRIC PANEL	☑	DISCONNECT SWITCH
⊞	WALL SWITCH	☑	EXHAUST FAN/LIGHT COMBINATION (VENT TO EXTERIOR)	☑	DISCONNECT SWITCH	☑	
⊞3	THREE-WAY SWITCH	☑	TECH. HUB SYSTEM				
⊞4	FOUR-WAY SWITCH						
☑	LED STRIP FIXTURE						

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

MASTER PLAN INFORMATION

REVISION	DATE	UPDATED DATE
1 - RALE	09-16-19	12-06-2021

DRAWN BY: ITS  
DATE: 06/27/2023  
PLAN NO. 1635

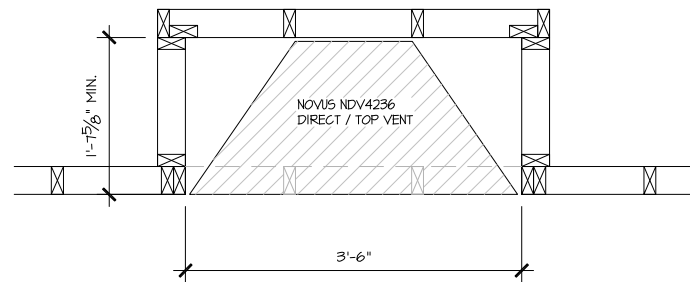


HOUSE NAME: STONEFIELD  
DRAWING TITLE: SECOND FLOOR ELECTRICAL

SHEET No. E1.2

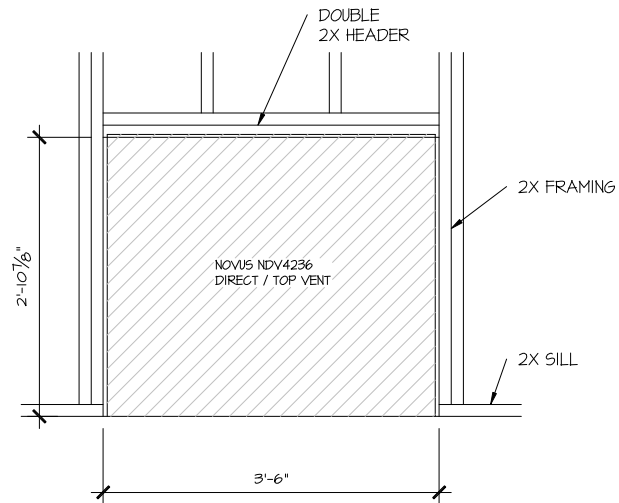
FILE: Lot\_00.0047.dwg DATE: 6/27/2023 10:56 AM

ALL DIMENSIONS ARE TO FRAMING



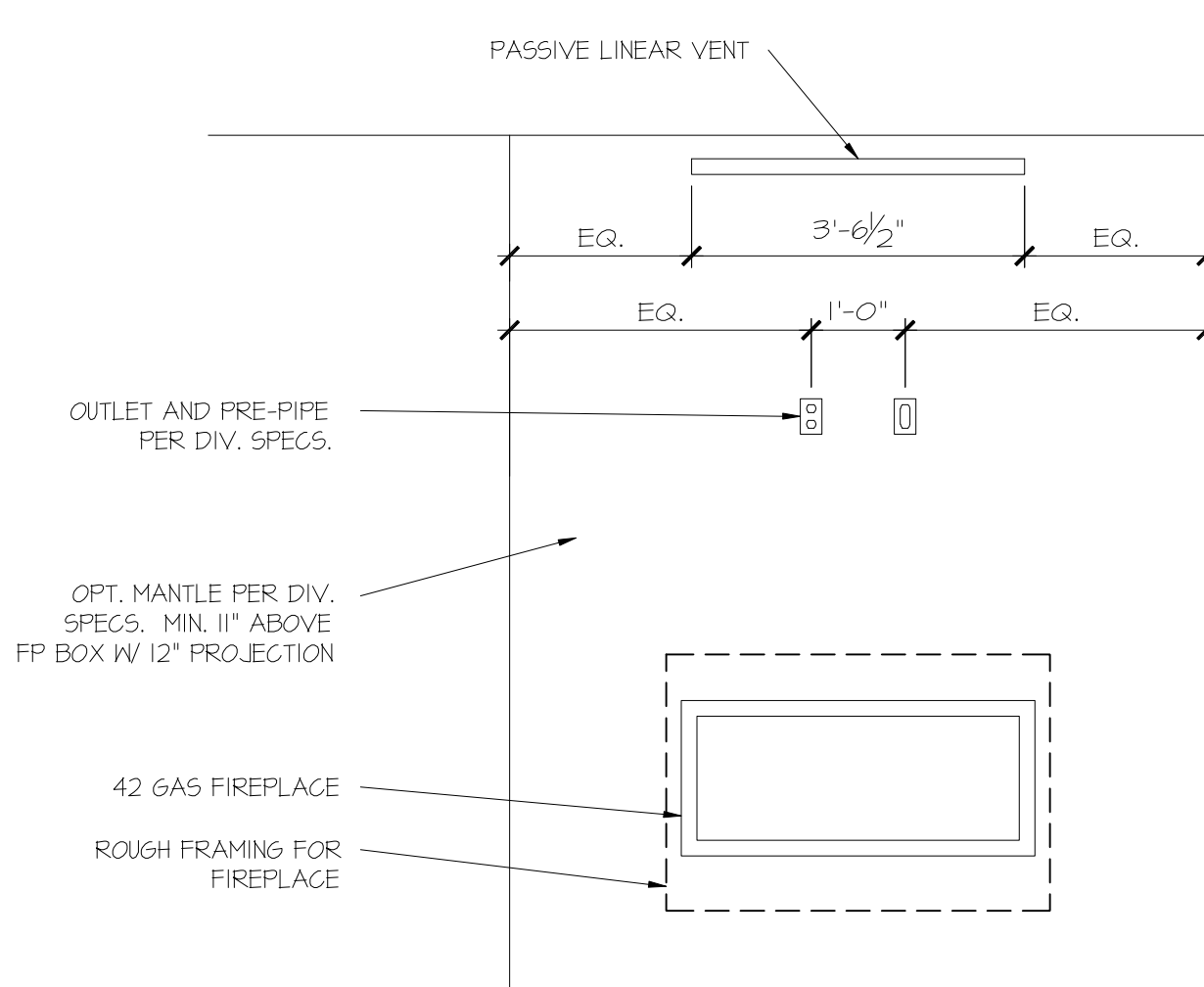
PARTIAL PLAN  
NOVUS NDV4236

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



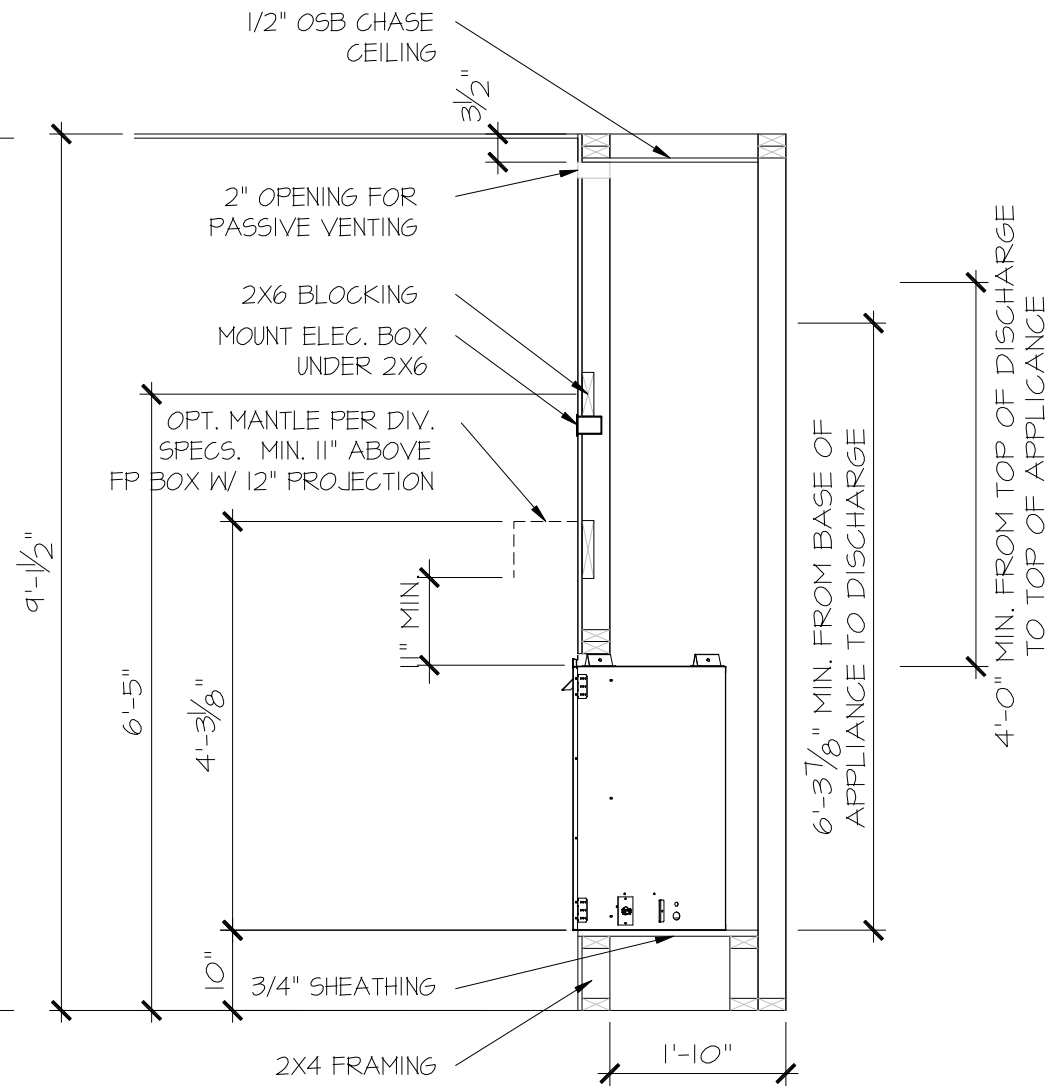
PARTIAL ELEVATION  
NOVUS NDV4236

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



PARTIAL ELEVATION  
NOVUS NDV4236

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



PARTIAL SECTION  
NOVUS NDV4236

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

FILE: RALE FIREPLACE DETAILS 9--2022.dwg DATE: 5/27/2022 10:35 AM

CONSULTANT LOGO

SEAL

DRAWN BY:

DATE:

PLAN NO.  
L. BEAVERS

11 X 17 SCALE  
9-8-22

24 X 36 SCALE  
N/A



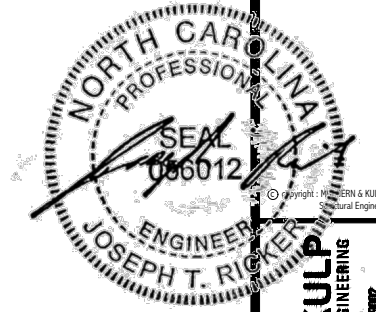
HOUSE NAME:  
RALE FIREPLACE DETAILS

DRAWING TITLE  
RALE FIREPLACE DETAIL  
INTERIOR GAS UNITS

SHEET No.

11  
10  
11





**MULHERN+KULP**  
RESIDENTIAL STRUCTURAL ENGINEERING  
310 Bannockburn Ave., Building 4 - Aoncenter, PA 15022  
P 215-948-8001 - mulhern+kulp.com  
NC LICENSE #C-3825



M&K project number:  
**126-23035**  
project mgr: JTR  
drawn by: BGL  
issue date: 07-12-23

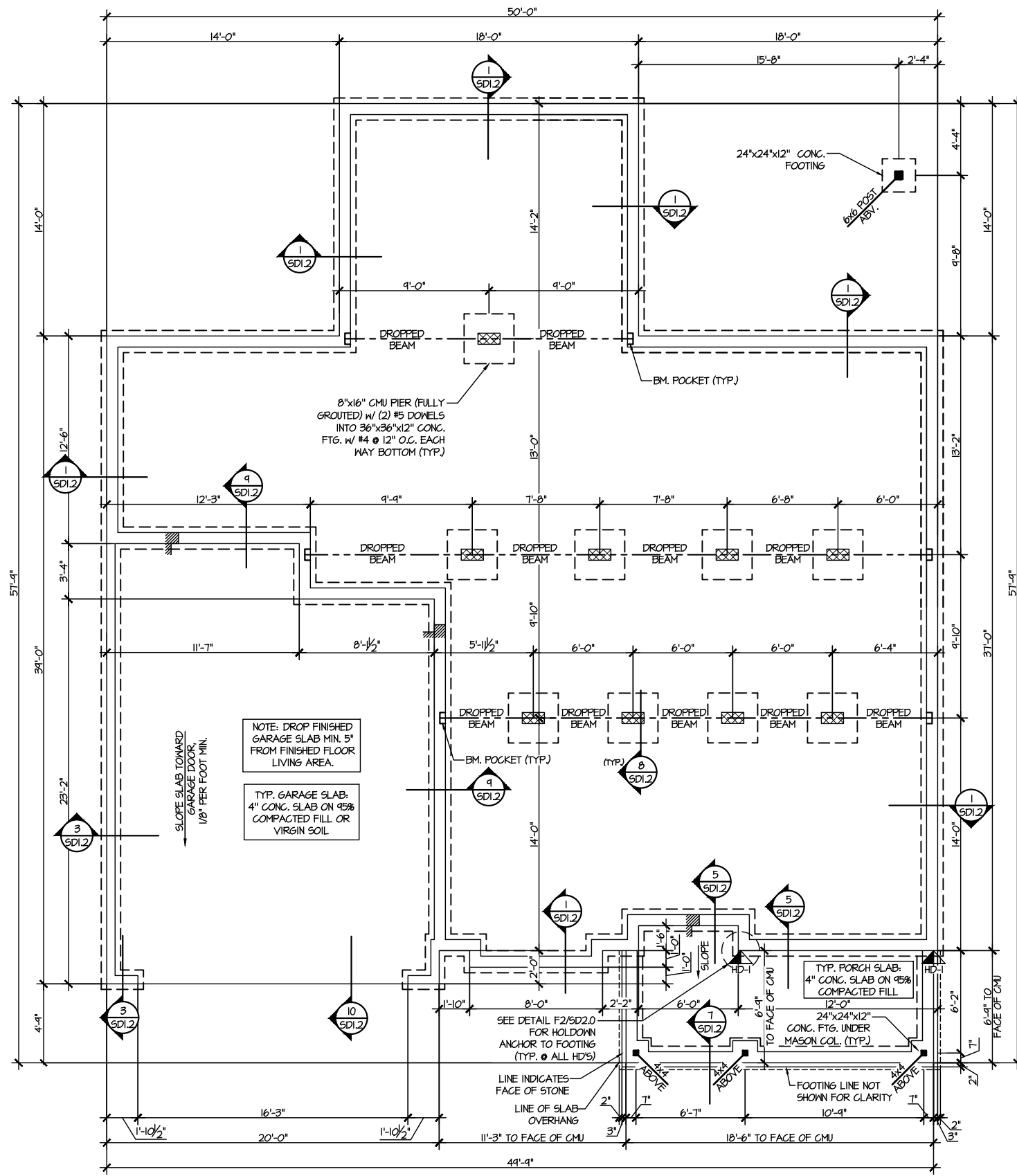
REVISIONS:

date:	initial:



FOUNDATION PLANS  
HONEYCUTT HILLS  
LOT 47 - STONEFIELD 4  
RALEIGH, NC

sheet:  
**S1.0**



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

**HOLD-DOWN SCHEDULE**

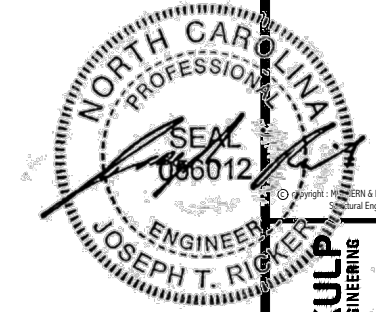
SYMBOL	SPECIFICATION
▶ HD-1	SIMPSON HTT4 HOLD-DOWN * SIMPSON MSTC66 STRAP TIE (CENTER STRAP ON FLOOR SYSTEM UNLQ.) (PRE-BENT MSTC66 ALT. WHEN SPECIFIED)
▶ HD-2	SIMPSON 5THD14/14RJ HOLD-DOWN

ALTERNATIVE TO 55TB24 ANCHOR BOLT SPECIFICATION:  
\* UTILIZE SIMPSON "SET" EPOXY SYSTEM TO FASTEN 3/8" DIA. THREADED ROD INTO CONCRETE FOUNDATION. PROVIDE 12" MIN. EMBEDMENT INTO CONCRETE. INSTALL PER MANUF. RECOMMENDATIONS. DO NOT LOCATE ANCHORS WITHIN 1 3/4" OF EDGE OF FOUNDATION.

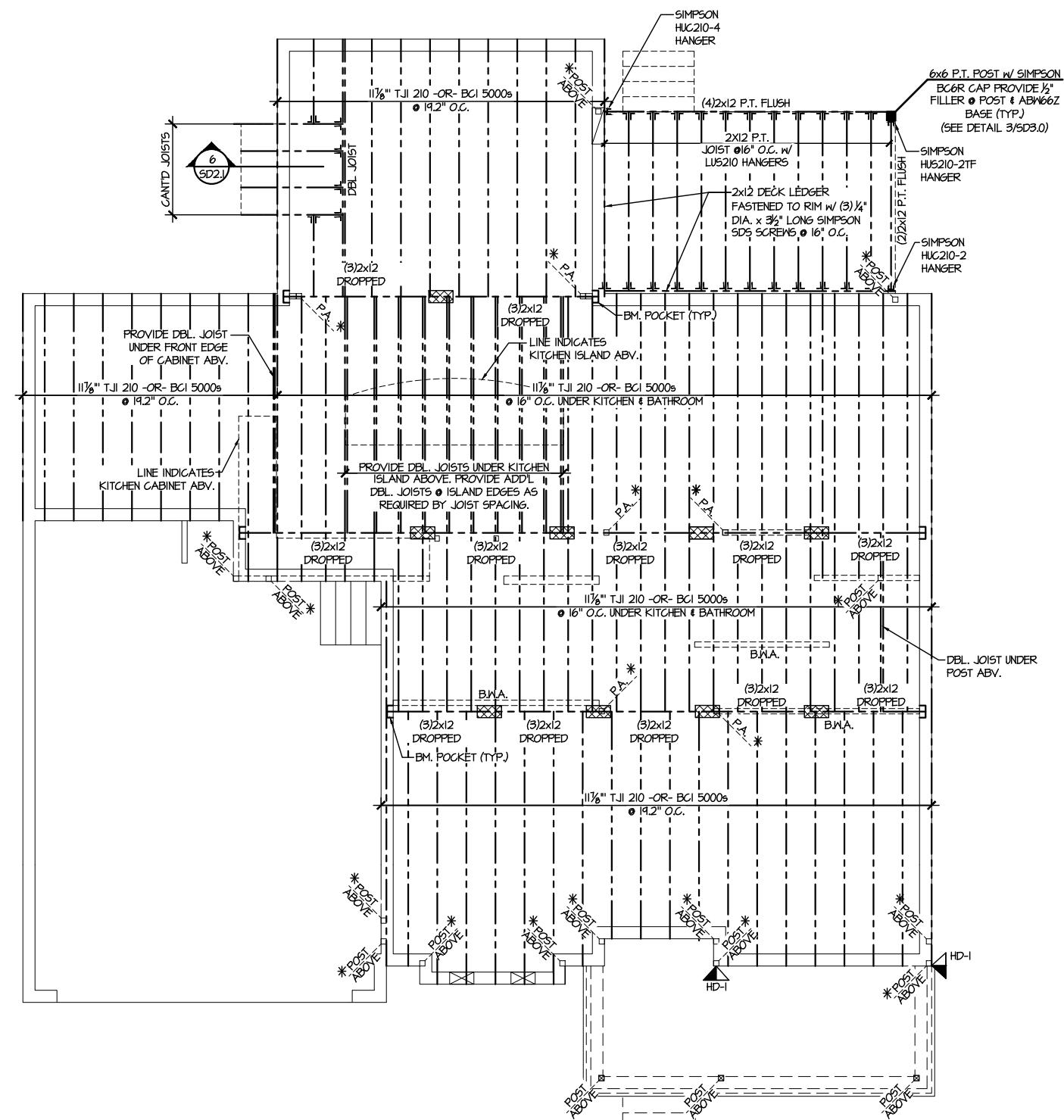
**LEGEND**

- ▬ 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.0 FOR  
TYPICAL STRUCTURAL NOTES  
& SCHEDULES



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NC LICENSE #C-3825



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

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

**REFER TO 50.0 FOR TYPICAL STRUCTURAL NOTES & SCHEDULES**

M&K project number:  
126-23035  
project mgr: JTR  
drawn by: BGL  
issue date: 07-12-23  
REVISIONS:  
date: initial:

ENGINEERED BEAM MATERIAL SCHEDULE					
BEAM NUMBER	LVL OPTION	PSL OPTION	LSL OPTION	FLITCH OPTION	STEEL OPTION
001	(2) 3/4" x 16" - D	3/2" x 16" - D	N/A	(2) 2x12 + (1) 3/8" x 11/8" STEEL FLITCH PLATES - D	N2x14 - D
002	(2) 3/4" x 17 1/2" - D	3/2" x 17 1/2" - D	(3) 3/4" x 17 1/2" - D	(2) 2x12 + (1) 1/2" x 11/8" STEEL FLITCH PLATES - D	N2x14 - D
003	(2) 3/4" x 14" - F	3/2" x 14" - F	(2) 3/4" x 14" - F	(2) 2x12 + (1) 3/8" x 11/8" STEEL FLITCH PLATES - F	N2x14 - F
004	(2) 3/4" x 14" - F	3/2" x 14" - F	(3) 3/4" x 14" - F	(2) 2x12 + (1) 3/8" x 11/8" STEEL FLITCH PLATES - F	N2x14 - F
005	(3) 3/4" x 18" - FT	5/4" x 18" - FT	N/A	(3) 2x12 + (2) 3/8" x 11/8" STEEL FLITCH PLATES - F	N2x26 - F
006	(3) 3/4" x 18" - FT	5/4" x 18" - FT	N/A	(3) 2x12 + (2) 3/8" x 11/8" STEEL FLITCH PLATES - F	N2x26 - F
007	(2) 3/4" x 14" - F	3/2" x 14" - F	(2) 3/4" x 14" - F	(2) 2x12 + (1) 1/2" x 11/8" STEEL FLITCH PLATES - F	N2x14 - F
008	(2) 3/4" x 14" - F	3/2" x 14" - F	(2) 3/4" x 14" - F	(2) 2x12 + (1) 1/2" x 11/8" STEEL FLITCH PLATES - F	N2x14 - F
009	(2) 3/4" x 14" - D	3/2" x 14" - D	(2) 3/4" x 14" - D	(2) 2x10 + (1) 1/2" x 11/8" STEEL FLITCH PLATES - D	N10x12 - D
010	(2) 3/4" x 16" - H	3/2" x 16" - H	(3) 3/4" x 16" - H	(3) 2x12 + (2) 1/2" x 11/8" STEEL FLITCH PLATES - H	N/A
011	(2) 3/4" x 17 1/2" - D	3/2" x 17 1/2" - D	(3) 3/4" x 17 1/2" - D	(2) 2x12 + (1) 1/2" x 11/8" STEEL FLITCH PLATES - D	N2x14 - D
012	(3) 3/4" x 16" - D	5/4" x 16" - D	(4) 3/4" x 16" - D	(3) 2x12 + (2) 1/2" x 11/8" STEEL FLITCH PLATES - D	N2x19 - D
013	(2) 3/4" x 17 1/2" - D	3/2" x 17 1/2" - D	(3) 3/4" x 17 1/2" - D	(2) 2x12 + (1) 1/2" x 11/8" STEEL FLITCH PLATES - D	N2x14 - D
014	(2) 3/4" x 16" - D	3/2" x 16" - D	(3) 3/4" x 16" - D	(3) 2x12 + (2) 3/8" x 11/8" STEEL FLITCH PLATES - D	N2x14 - D
015***	(3) 3/4" x 17 1/2" - D	N/A	(3) 3/4" x 17 1/2" - D	(3) 2x12 + (2) 1/2" x 11/8" STEEL FLITCH PLATES - D	N2x14 - D
016	(2) 3/4" x 17 1/2" - F	3/2" x 17 1/2" - F	(3) 3/4" x 17 1/2" - F	(2) 2x12 + (1) 1/2" x 11/8" STEEL FLITCH PLATES - F	N2x14 - F

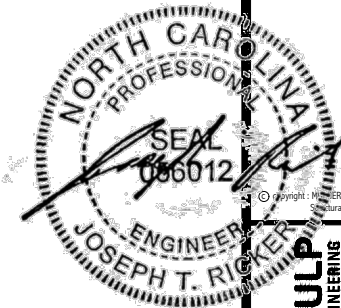
\* BEAM NOTATION:  
 - "F" INDICATES FLUSH BEAM  
 - "FT" INDICATES FLUSH TOP BEAM  
 - "FB" INDICATES FLUSH BOTTOM BEAM  
 - "D" INDICATES DROPPED BEAM  
 - "H" INDICATES DROPPED OPENING HEADER  
 \* REFER TO DETAIL D/SD2.0 FOR TYPICAL FLITCH BEAM CONNECTIONS  
 \* REFER TO DETAIL E/SD2.0 FOR TYPICAL 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.  
 \*\*\* - SEE PLAN FOR EXTENT OF 3-PLY BEAM

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



FLOOR FRAMING PLANS  
HONEYCUTT HILLS  
LOT 47 - STONEFIELD 4  
RALEIGH, NC

sheet:  
**S2.0**



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P 215-948-8001 - mulhern@mkulpe.com  
NC LICENSE #C-3825

M&K project number:  
**126-23035**  
project mgr: JTR  
drawn by: BGL  
issue date: 07-12-23

REVISIONS:  
date: initial:



FLOOR FRAMING PLANS  
HONEYCUTT HILLS  
LOT 47 - STONEFIELD 4  
RALEIGH, NC

sheet:  
**S3.0**

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

**LEGEND**

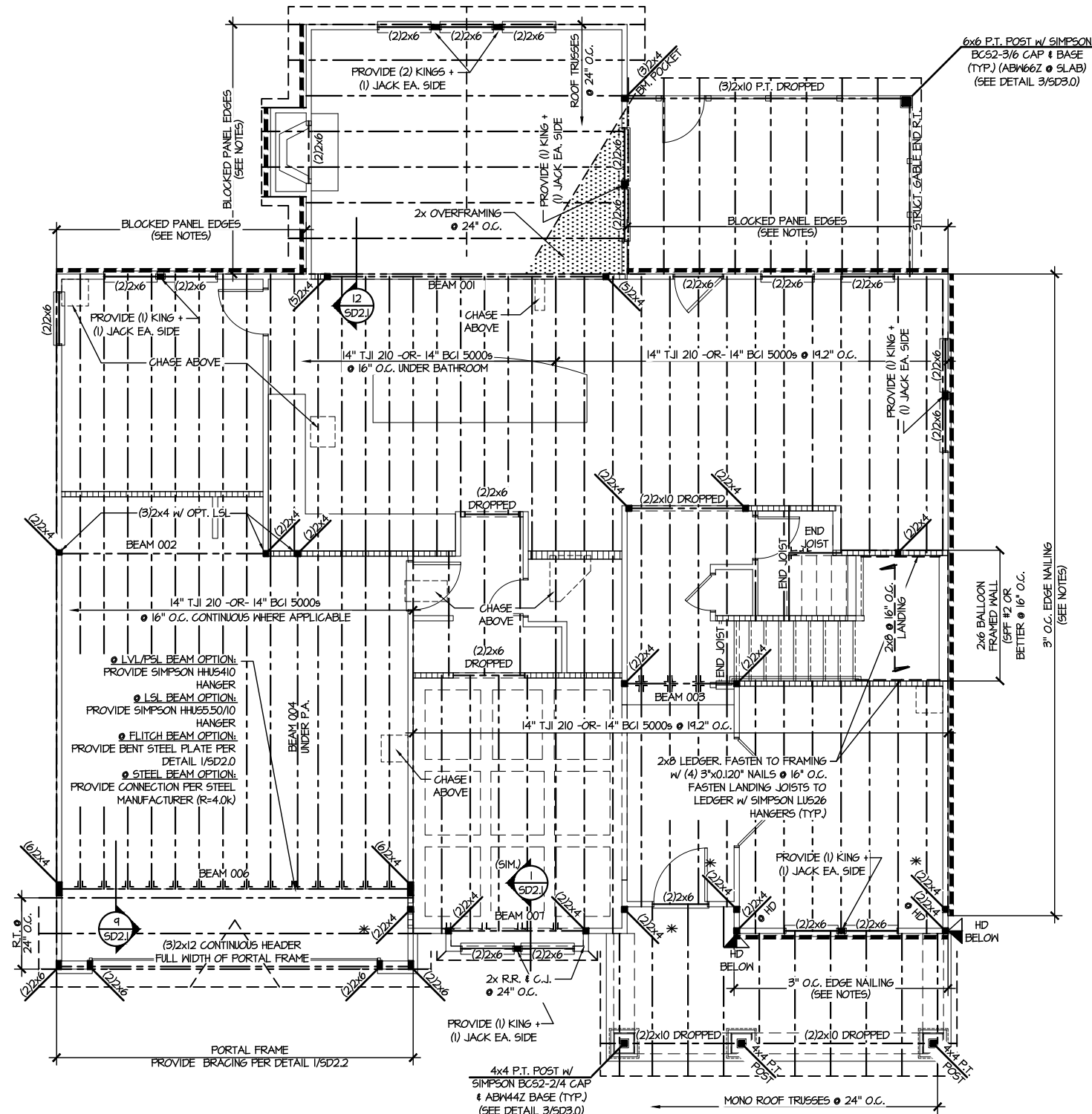
- ◻ INTERIOR BEARING WALL
- ◻ BEARING WALL ABOVE
- BEAM / HEADER
- ◻ INDICATES SHEAR WALL & EXTENT
- ◻ EXTENT OF OVERFRAMING
- JL METAL HANGER
- \* INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.
- ▶ INDICATES HOLD-DOWN OR STRAP. REFER TO SCHEDULE.

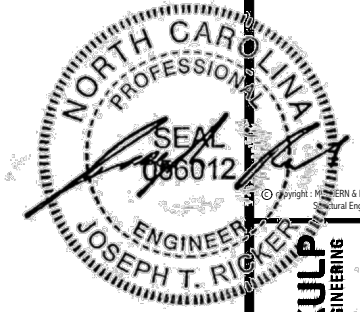
**REFER TO 50.0 FOR TYPICAL STRUCTURAL NOTES & SCHEDULES**

**ENGINEERED BEAM MATERIAL SCHEDULE**

BEAM NUMBER	LVL OPTION	PSL OPTION	LSL OPTION	FLITCH OPTION	STEEL OPTION
001	(2)3/4"x16" - D	3/8"x16" - D	N/A	(2)2x12 + (1) 3/8"x11/2" STEEL FLITCH PLATES - D	M12x14 - D
002	(2)3/4"x11/2" - D	3/8"x11/2" - D	(3)3/4"x11/2" - D	(2)2x12 + (1) 1/2"x11/2" STEEL FLITCH PLATES - D	M12x14 - D
003	(2)3/4"x14" - F	3/8"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 1/2"x11/2" STEEL FLITCH PLATES - F	M12x14 - F
004	(2)3/4"x14" - F	3/8"x14" - F	(3)3/4"x14" - F	(2)2x12 + (1) 3/8"x11/2" STEEL FLITCH PLATES - F	M12x14 - F
005	(3)3/4"x18" - FT	3/4"x18" - FT	N/A	(3)2x12 + (2) 3/8"x11/2" STEEL FLITCH PLATES - F	M12x26 - F
006	(3)3/4"x18" - FT	3/4"x18" - FT	N/A	(3)2x12 + (2) 3/8"x11/2" STEEL FLITCH PLATES - F	M12x26 - F
007	(2)3/4"x14" - F	3/8"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 1/2"x11/2" STEEL FLITCH PLATES - F	M12x14 - F
008	(2)3/4"x14" - F	3/8"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 1/2"x11/2" STEEL FLITCH PLATES - F	M12x14 - F
009	(2)3/4"x14" - D	3/8"x14" - D	(2)3/4"x14" - D	(2)2x10 + (1) 3/8"x11/2" STEEL FLITCH PLATES - D	M10x12 - D
010	(2)3/4"x16" - H	3/8"x16" - H	(3)3/4"x16" - H	(3)2x12 + (2) 3/8"x11/2" STEEL FLITCH PLATES - H	N/A
011	(2)3/4"x11/2" - D	3/8"x11/2" - D	(3)3/4"x11/2" - D	(2)2x12 + (1) 1/2"x11/2" STEEL FLITCH PLATES - D	M12x14 - D
012	(3)3/4"x16" - D	3/4"x16" - D	(4)3/4"x16" - D	(3)2x12 + (2) 3/8"x11/2" STEEL FLITCH PLATES - D	M12x14 - D
013	(2)3/4"x11/2" - D	3/8"x11/2" - D	(3)3/4"x11/2" - D	(2)2x12 + (1) 1/2"x11/2" STEEL FLITCH PLATES - D	M12x14 - D
014	(2)3/4"x16" - D	3/8"x16" - D	(3)3/4"x16" - D	(3)2x12 + (2) 3/8"x11/2" STEEL FLITCH PLATES - D	M12x14 - D
015***	(3)3/4"x11/2" - D	N/A	(3)3/4"x11/2" - D	(3)2x12 + (2) 3/8"x11/2" STEEL FLITCH PLATES - D	M12x14 - D
016	(2)3/4"x11/2" - F	3/8"x11/2" - F	(3)3/4"x11/2" - F	(2)2x12 + (1) 1/2"x11/2" STEEL FLITCH PLATES - F	M12x14 - F

**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.  
 \*\*\* - SEE PLAN FOR EXTENT OF 3-PLY BEAM





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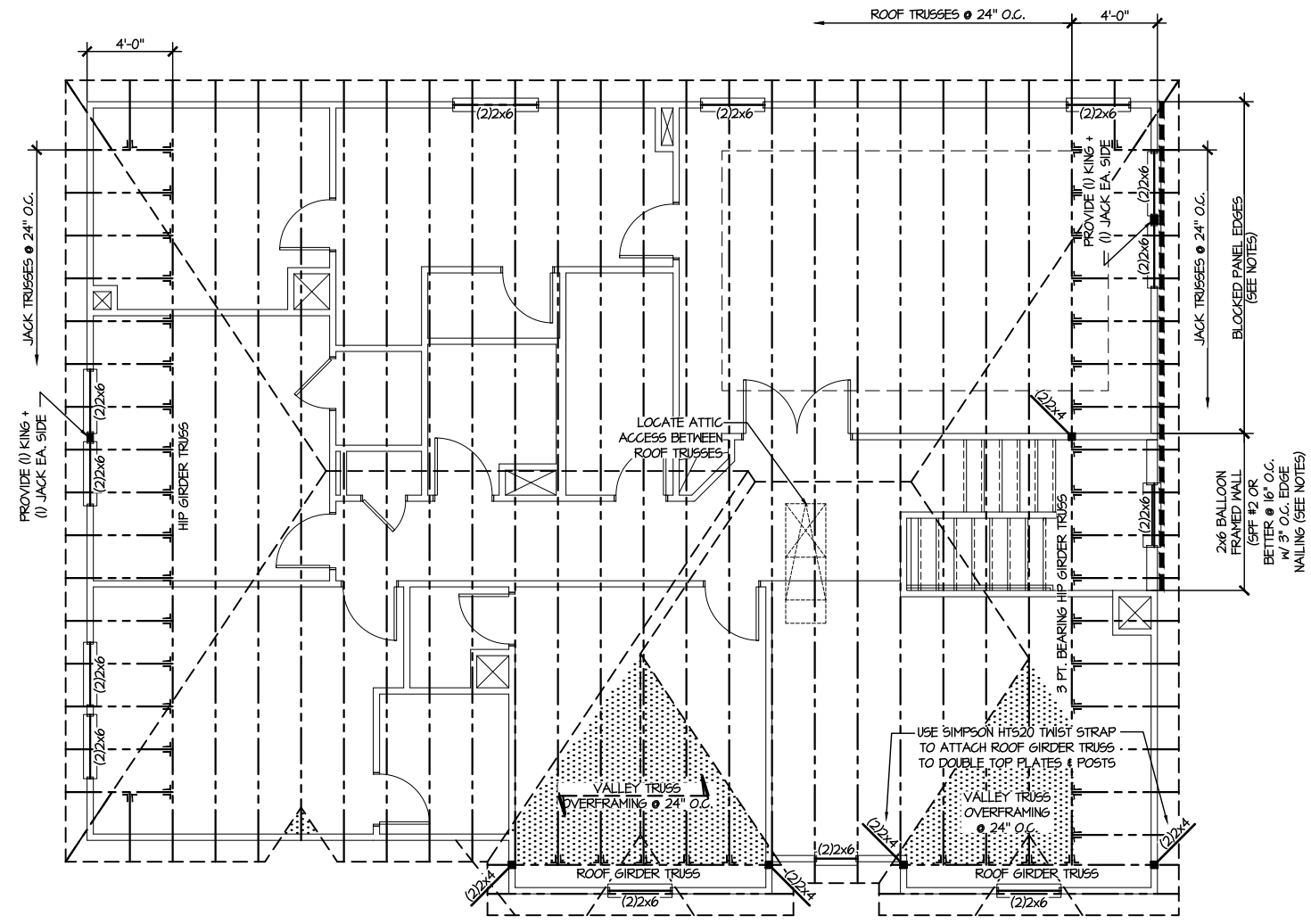
M&K project number:  
**126-23035**  
project mgr: JTR  
drawn by: BGL  
issue date: 07-12-23

REVISIONS:	
date:	initial:



ROOF FRAMING PLANS  
HONEYCUTT HILLS  
LOT 47 - STONEFIELD 4  
RALEIGH, NC

sheet:  
**S4.0**

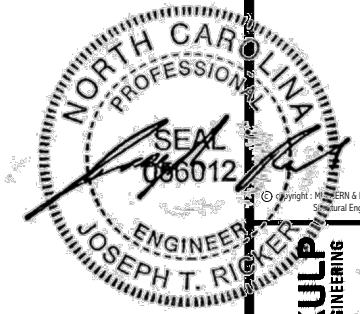


**1 ROOF FRAMING PLAN**  
SCALE: 1/8"=1'-0"

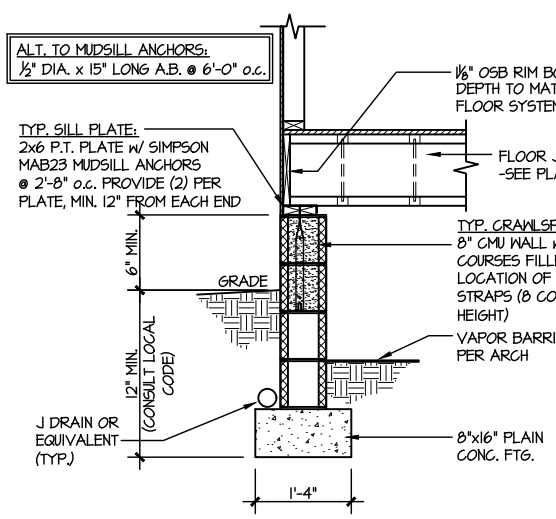
LEGEND	
	INTERIOR BEARING WALL
	BEARING WALL ABOVE
	BEAM / HEADER
	INDICATES SHEAR WALL & EXTENT
	EXTENT OF OVERFRAMING
	JL METAL HANGER
	* INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.
	INDICATES HOLD-DOWN OR STRAP. REFER TO SCHEDULE.

REFER TO 50.0 FOR  
TYPICAL STRUCTURAL NOTES  
& SCHEDULES

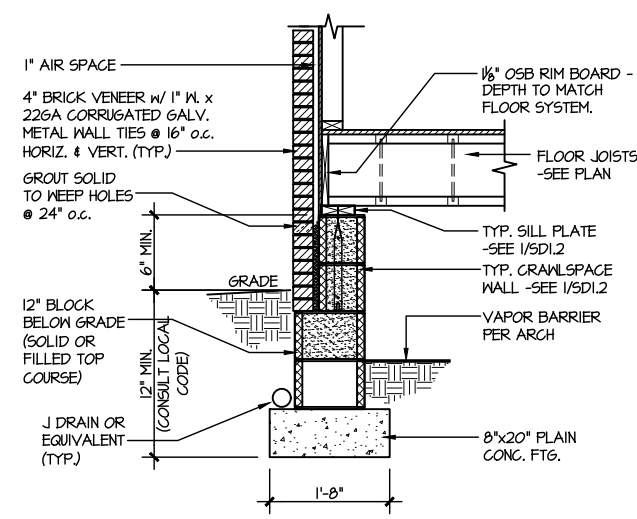




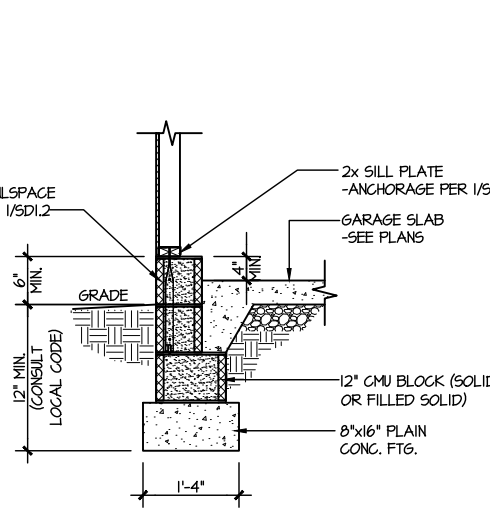
**MULHERN+KULP**  
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300 Danville Ave., Building 4 - Asheville, PA 19802  
P 715-698-8000 - mulhern+kulp.com  
NC LICENSE #C-3825



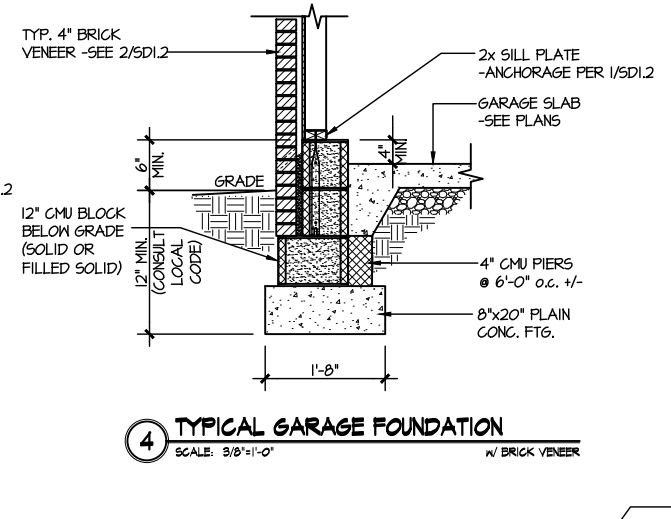
**1 TYPICAL CRAWLSPACE FOUNDATION**  
SCALE: 3/8"=1'-0"



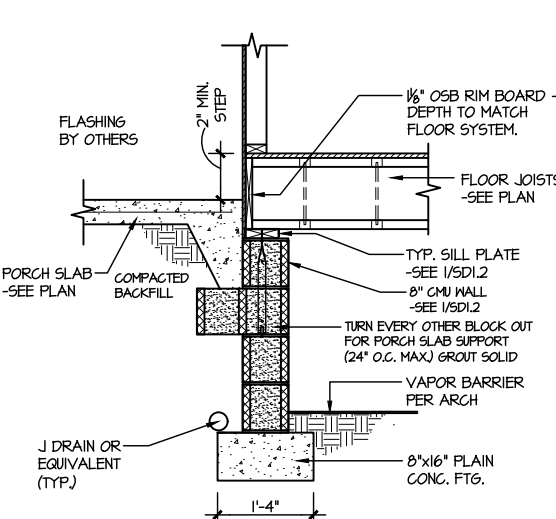
**2 TYPICAL CRAWLSPACE FOUNDATION**  
SCALE: 3/8"=1'-0" W/ BRICK VENEER



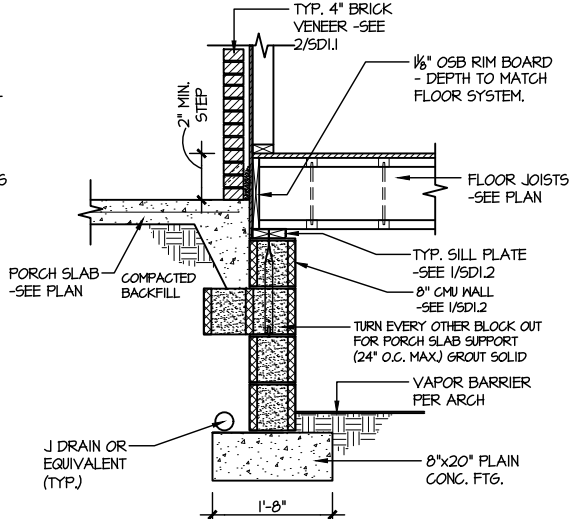
**3 TYPICAL GARAGE FOUNDATION**  
SCALE: 3/8"=1'-0"



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

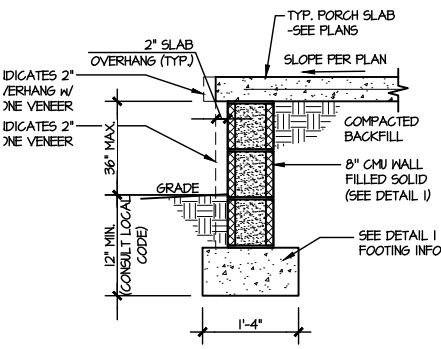


**5 TYPICAL CRAWLSPACE FOUNDATION @ PORCH/PATIO SLAB**  
SCALE: 3/8"=1'-0" (REFER TO DETAIL 12 FOR WOOD PORCH OPTION)

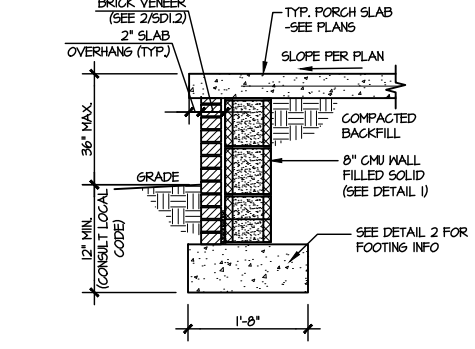


**6 TYPICAL CRAWLSPACE FOUNDATION @ PORCH/PATIO SLAB**  
SCALE: 3/8"=1'-0" W/ BRICK VENEER

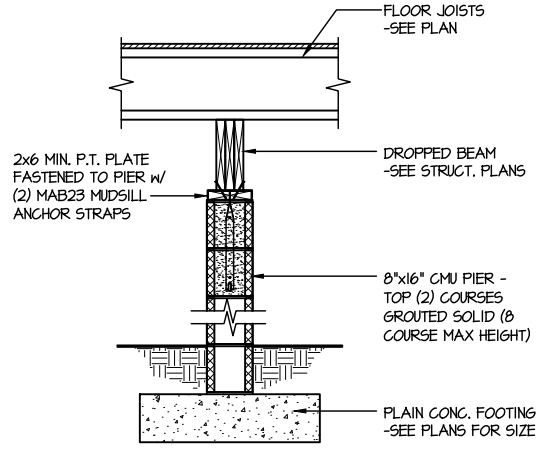
PLAIN CONC. FOOTINGS AS DIMENSIONED & SHOWN ARE MINIMUM SIZES REQUIRED & HAVE BEEN ENGINEERED. ADDITION OF CONTINUOUS REBAR OR LARGER FOOTINGS MAY BE PROVIDED AT THE DISCRETION OF THE BUILDER.



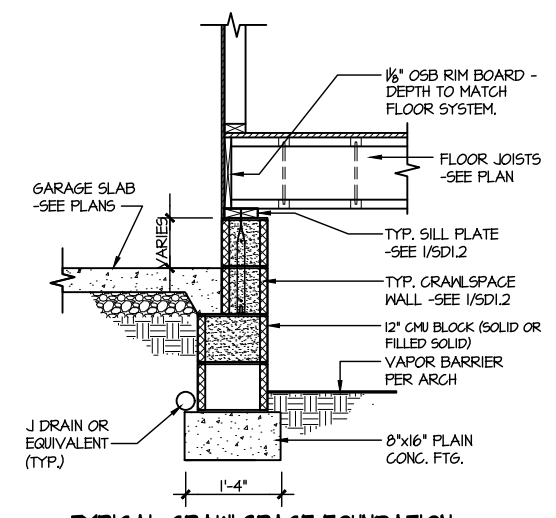
**7A TYPICAL FOOTING @ PORCH SLAB**  
SCALE: 3/8"=1'-0"



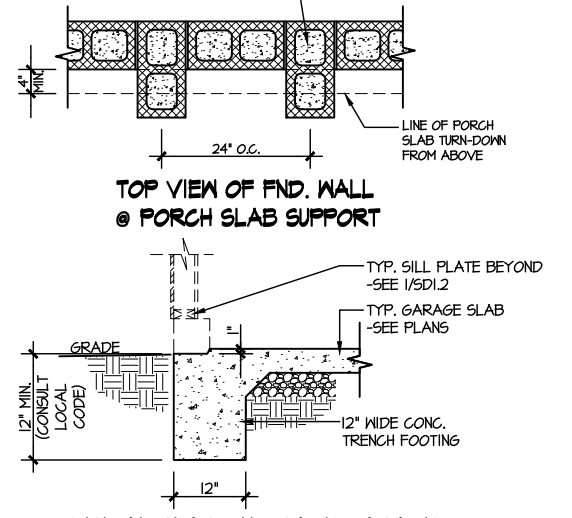
**7B TYPICAL FOOTING @ PORCH SLAB**  
SCALE: 3/8"=1'-0" W/ BRICK VENEER



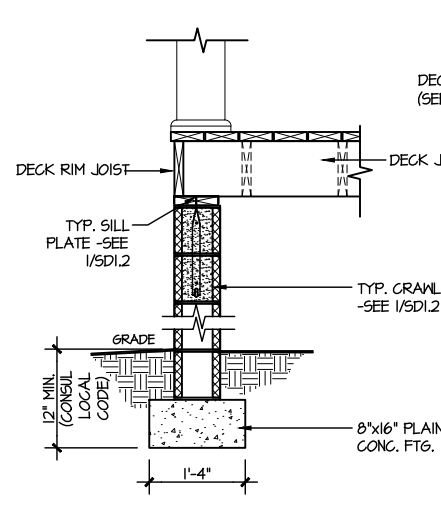
**8 TYPICAL CRAWLSPACE FOUNDATION @ INTERIOR PIER**  
SCALE: 3/8"=1'-0"



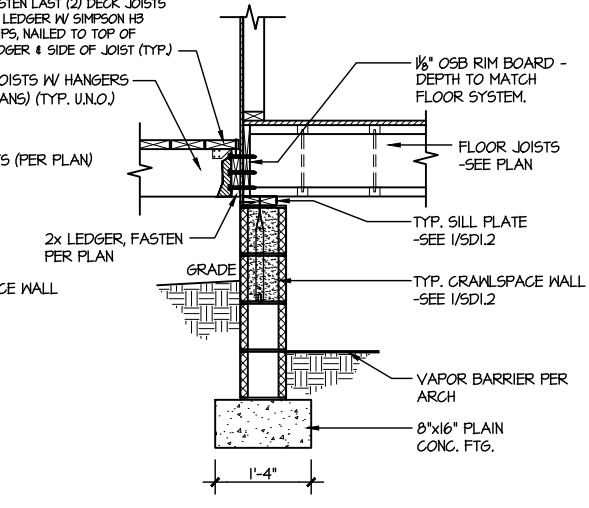
**9 TYPICAL CRAWLSPACE FOUNDATION @ GARAGE**  
SCALE: 3/8"=1'-0"



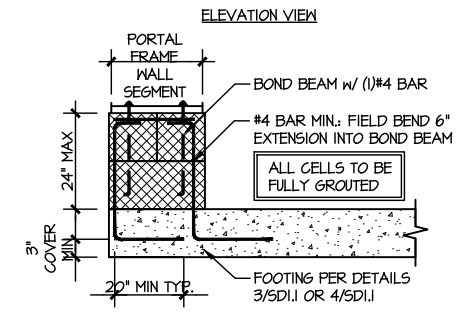
**10 TYPICAL SLAB ON GRADE GARAGE ENTRY @ PERIMETER FOOTING**  
SCALE: 3/8"=1'-0"



**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"

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.

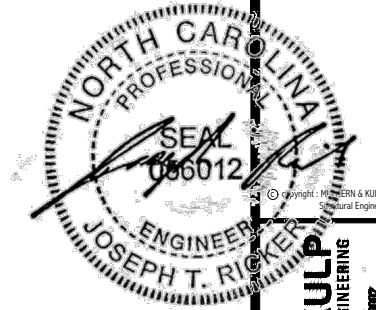
M&K project number:  
126-23035  
project mgr: JTR  
drawn by: BGL  
issue date: 07-12-23

REVISIONS:  
date: initial:

**DRB HOMES**

FOUNDATION DETAILS  
HONEYCUTT HILLS  
LOT 47 - STONEFIELD 4  
RALEIGH, NC

sheet:  
**SD1.2**



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M&K project number:  
126-23035

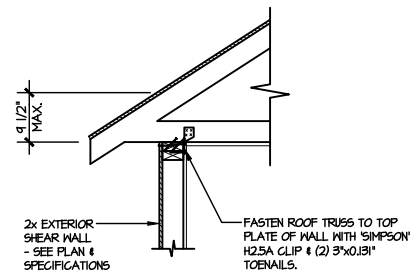
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date: initial:

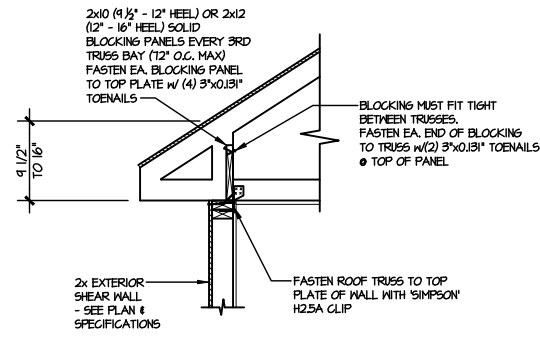
**DRB HOMES**

FRAMING DETAILS  
HONEYCUTT HILLS  
LOT 47 - STONEFIELD 4  
RALEIGH, NC

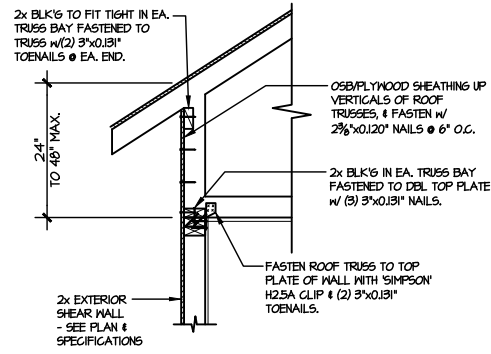
sheet:  
**SD2.0**



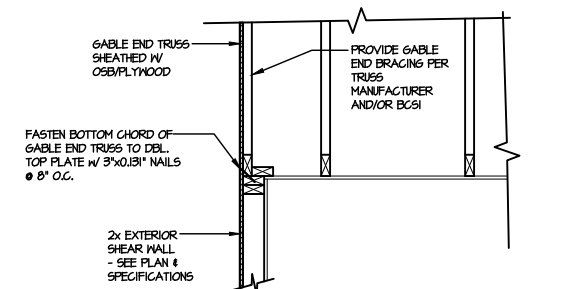
**(A1) TYPICAL SHEAR TRANSFER DETAIL @ ROOF**  
SCALE: 3/8"=1'-0"  
HEEL HEIGHT LESS THAN 9 1/2"  
NO BLOCKING REQ'D



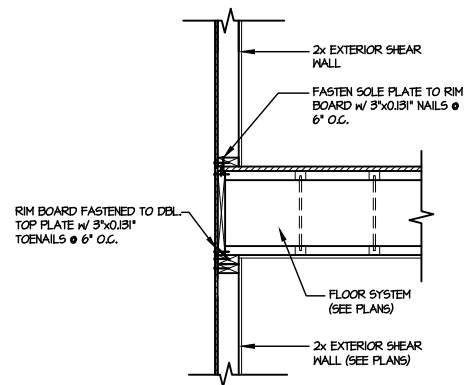
**(A2) TYPICAL SHEAR TRANSFER DETAIL @ ROOF**  
SCALE: 3/8"=1'-0"  
HEEL HEIGHT BETWEEN 9 1/2" - 16"  
BLOCKING REQ'D



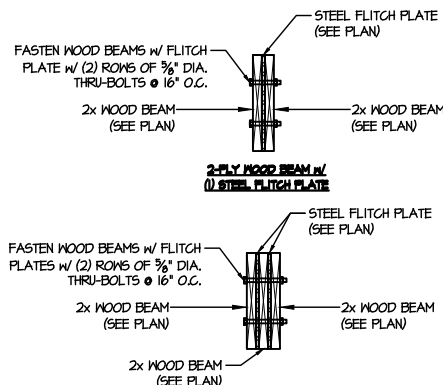
**(A3) TYPICAL SHEAR TRANSFER DETAIL @ RAISED HEEL TRUSS**  
SCALE: 3/8"=1'-0"  
HEEL HEIGHT UP TO 48" MAX.



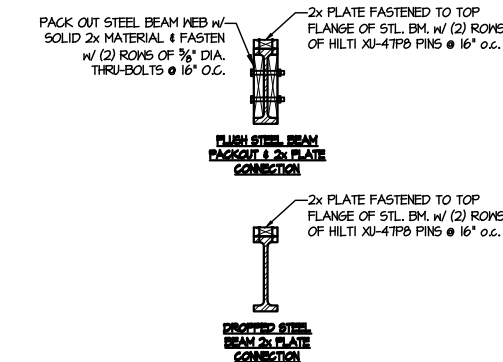
**(B) TYPICAL GABLE END DETAIL**  
SCALE: 3/8"=1'-0"



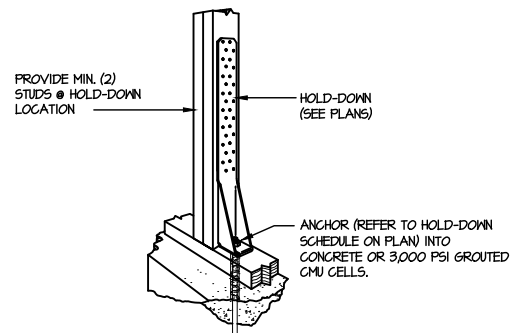
**(C) TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL**  
SCALE: 3/8"=1'-0"



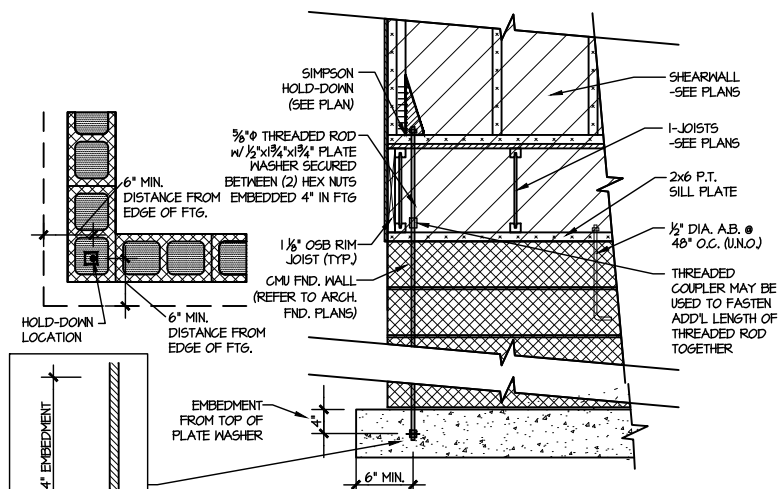
**(D) TYPICAL FLITCH BEAM CONNECTION DETAIL**  
SCALE: 3/4"=1'-0"



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



**(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)

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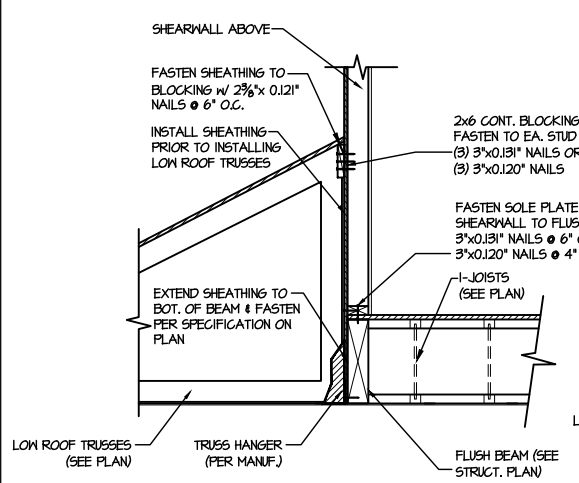
M&K project number:  
126-23035  
project mgr: JTR  
drawn by: BGL  
issue date: 07-12-23

REVISIONS:  
date: initial:

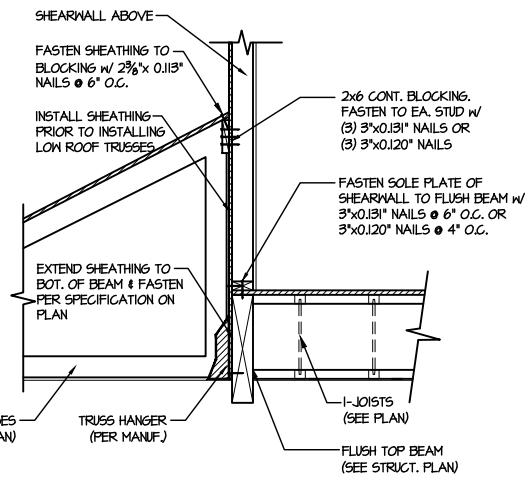
**DRB HOMES**

FRAMING DETAILS  
HONEYCUTT HILLS  
LOT 47 - STONEFIELD 4  
RALEIGH, NC

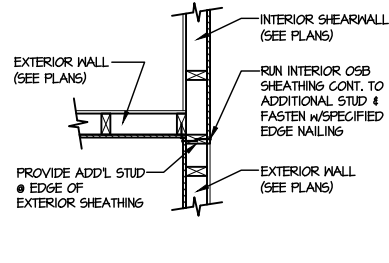
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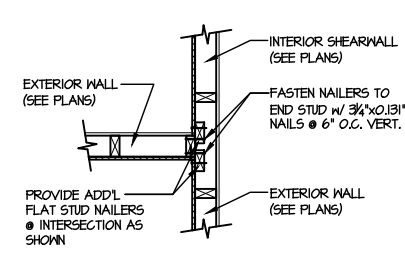
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SCALE: 3/4"=1'-0"



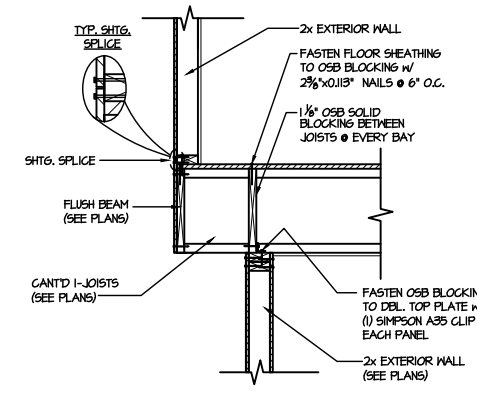
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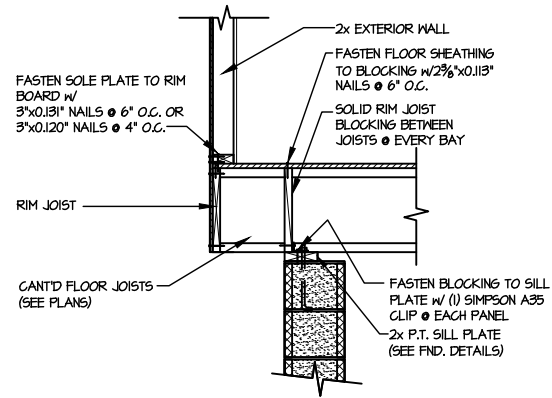
3 SHEAR TRANSFER DETAIL @  
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SCALE: 3/4"=1'-0" SHTS. OPPOSITE FACES



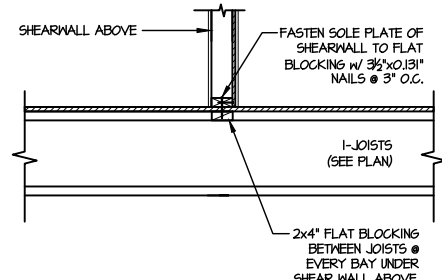
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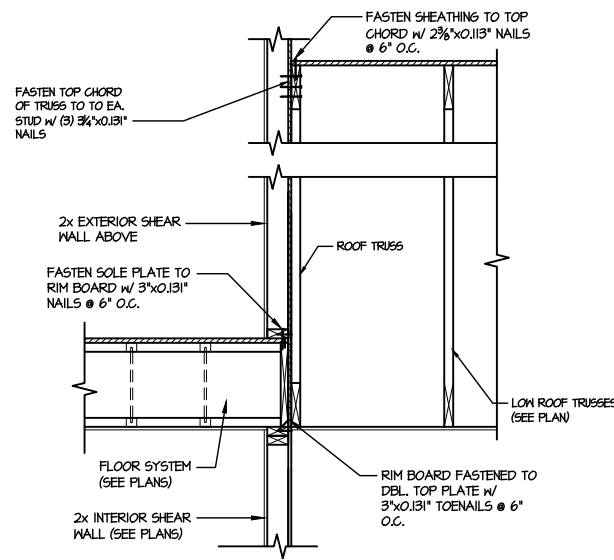
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SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



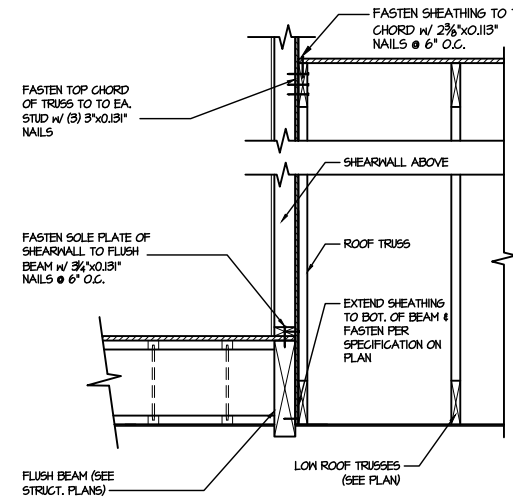
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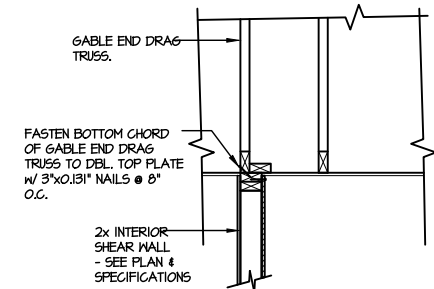
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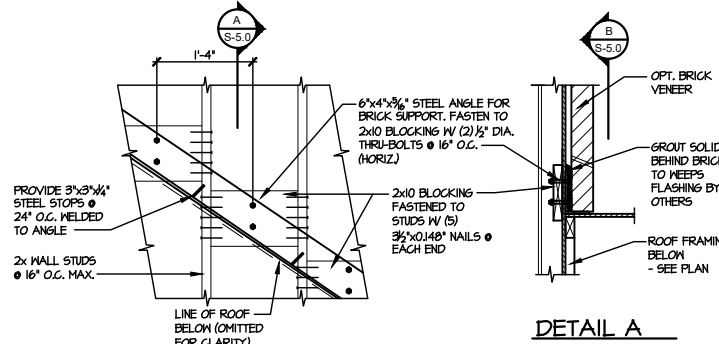
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BETWEEN FLOORS @ INTERIOR WALL  
SCALE: 3/4"=1'-0"



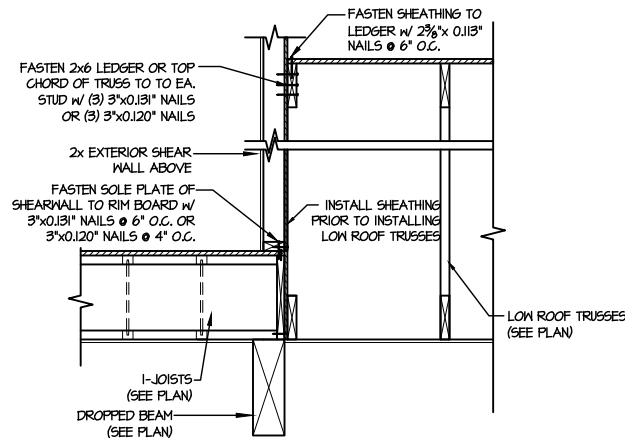
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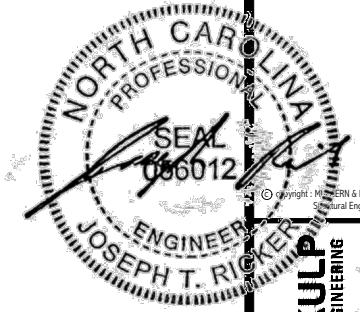
10 INTERIOR GABLE END DETAIL  
SCALE: 3/4"=1'-0"



11 DETAIL SUPPORT OF BRICK VENEER  
SCALE: 3/4"=1'-0"



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



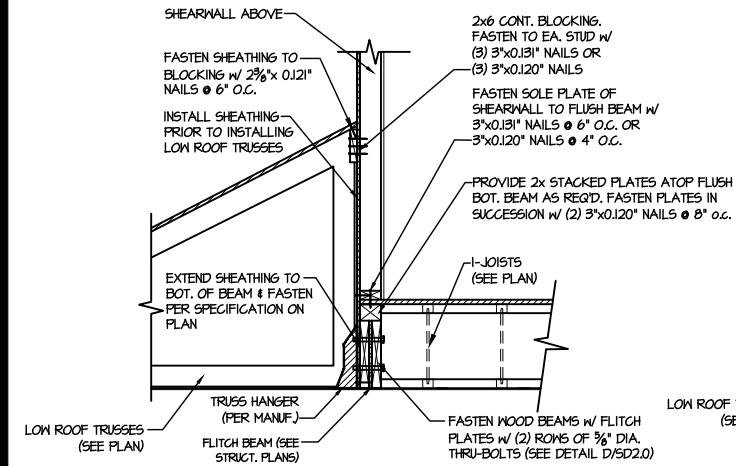
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M&K project number:  
126-23035  
project mgr: JTR  
drawn by: BGL  
issue date: 07-12-23

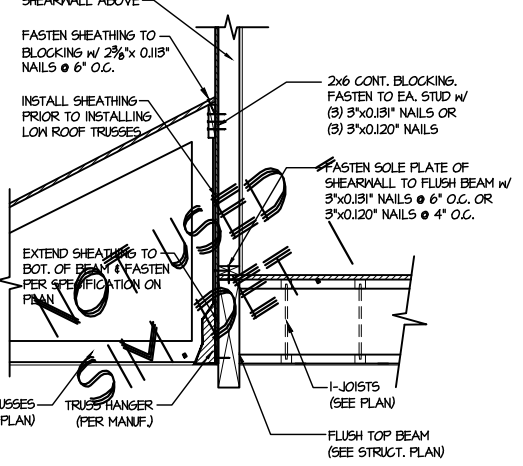
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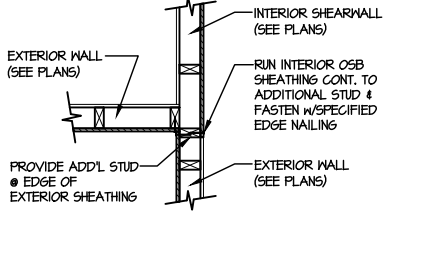
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HONEYCUTT HILLS  
LOT 47 - STONEFIELD 4  
RALEIGH, NC



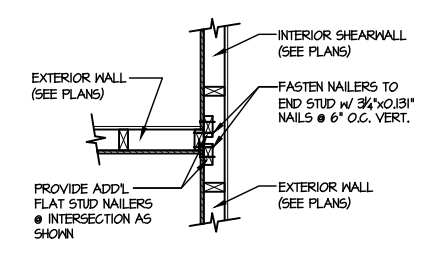
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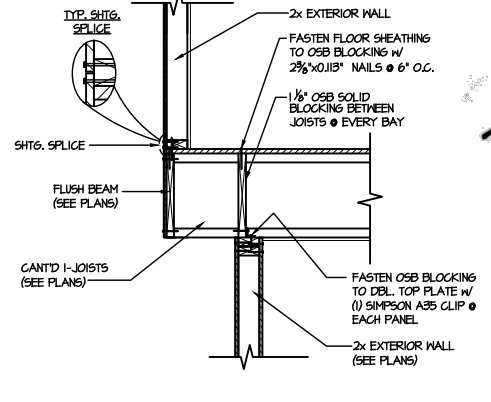
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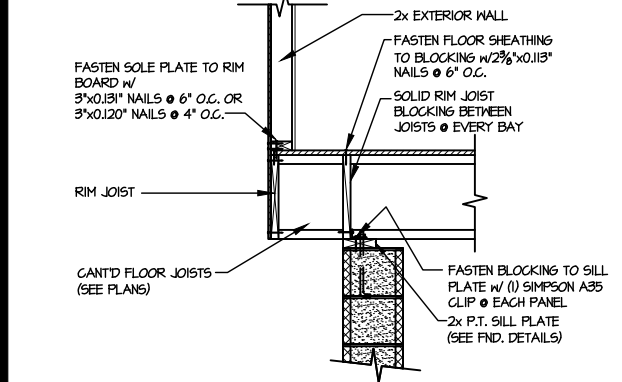
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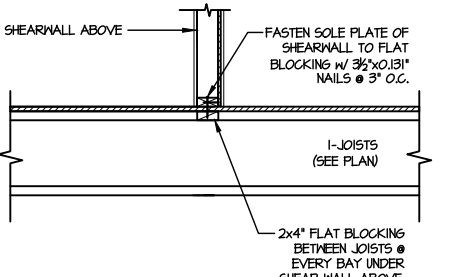
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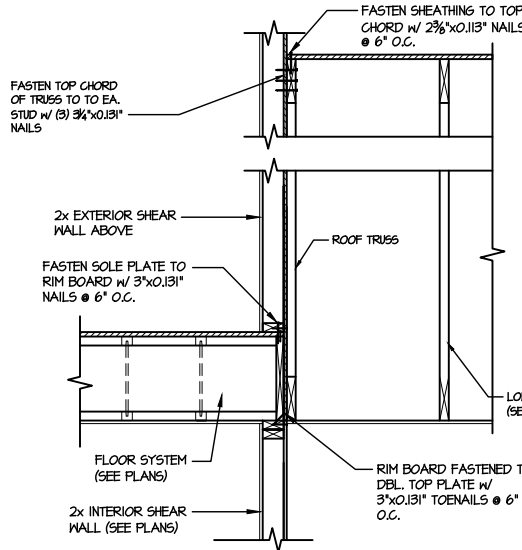
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SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



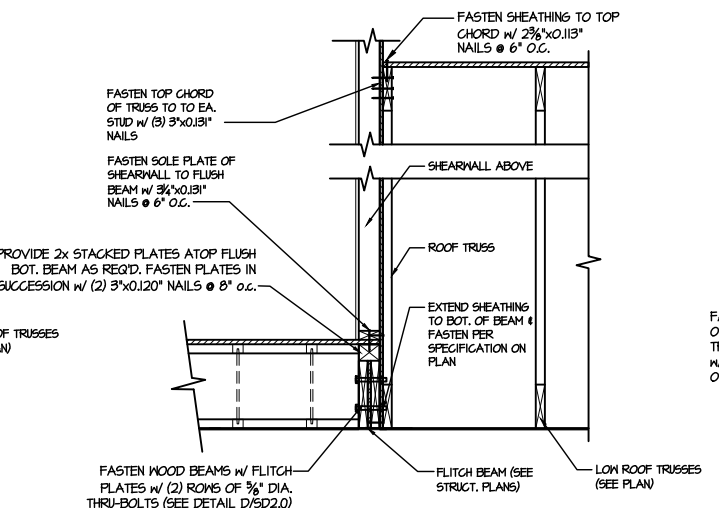
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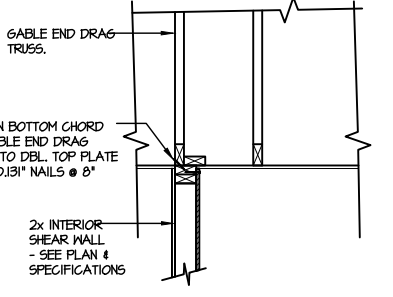
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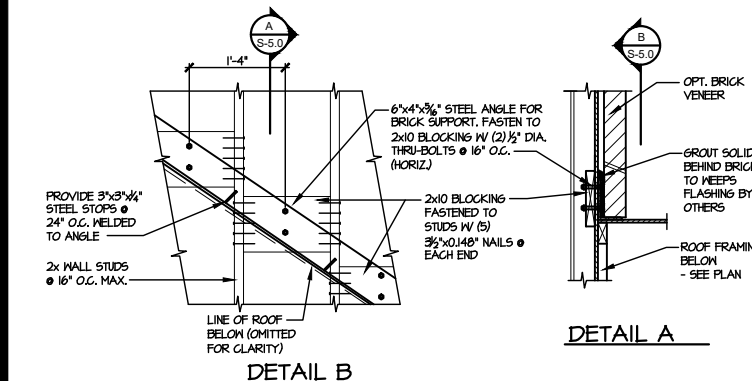
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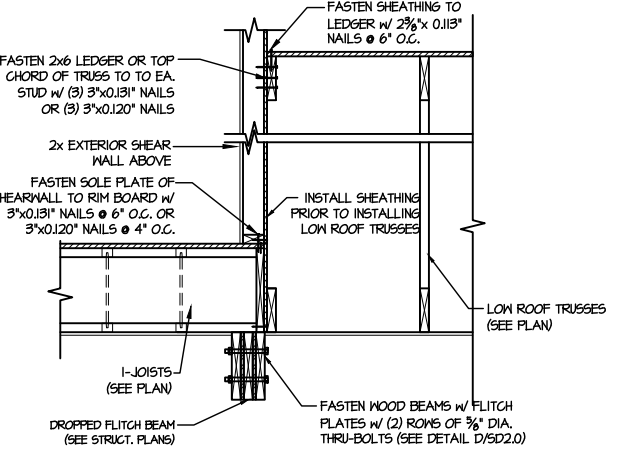
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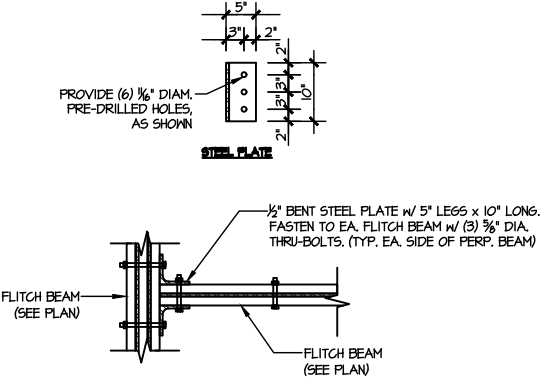
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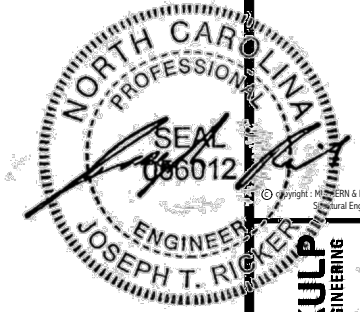
11 DETAIL SUPPORT OF BRICK VENEER  
SCALE: 3/4"=1'-0"



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



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



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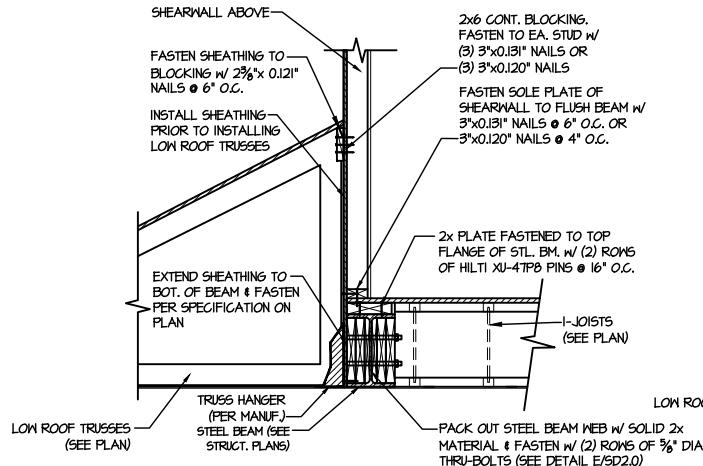
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126-23035  
project mgr: JTR  
drawn by: BGL  
issue date: 07-1-23

REVISIONS:  
date: initial:

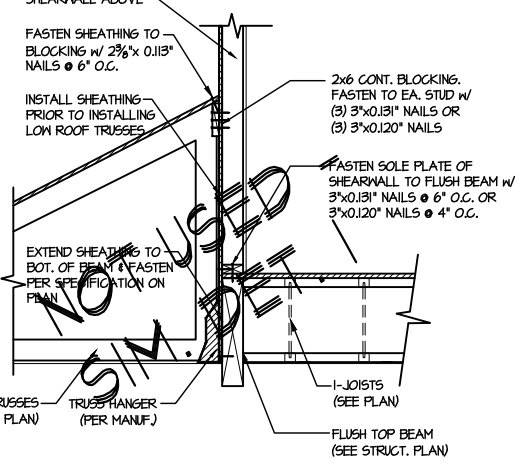
DRB HOMES

FRAMING DETAILS  
HONEYCUTT HILLS  
LOT 47 - STONEFIELD 4  
RALEIGH, NC

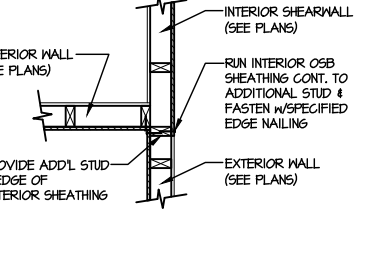
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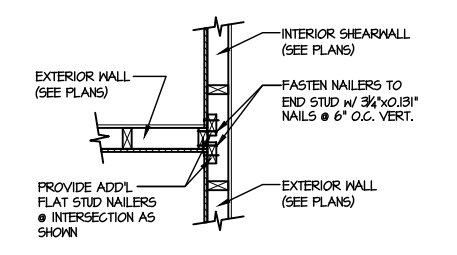
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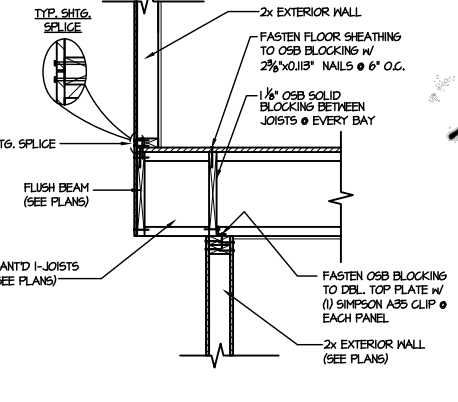
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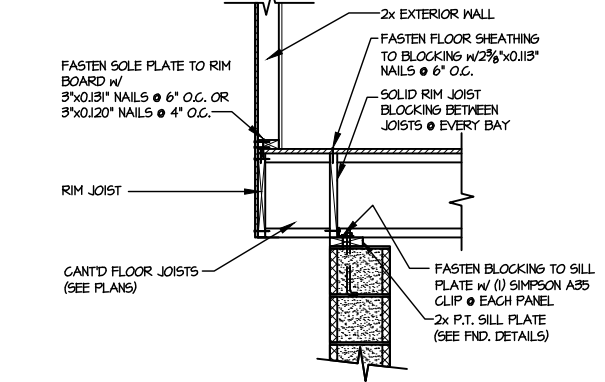
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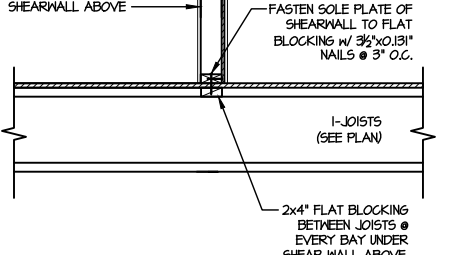
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SCALE: 3/4"=1'-0" SHTS. ON SAME PAGE



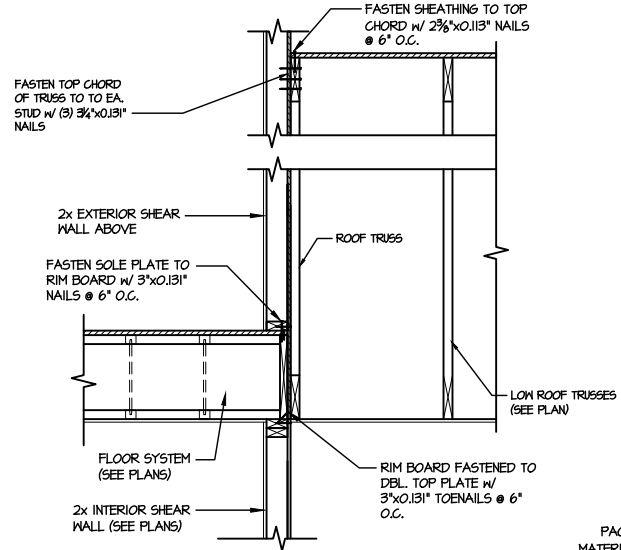
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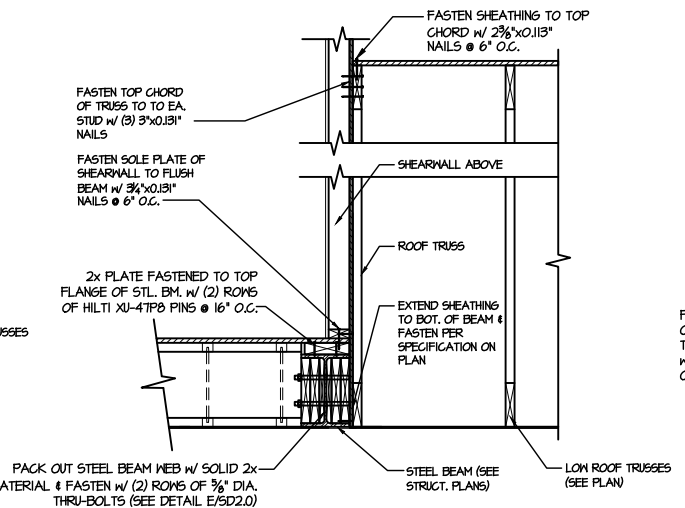
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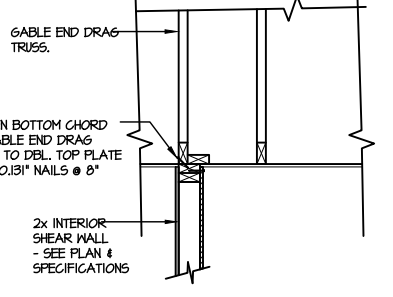
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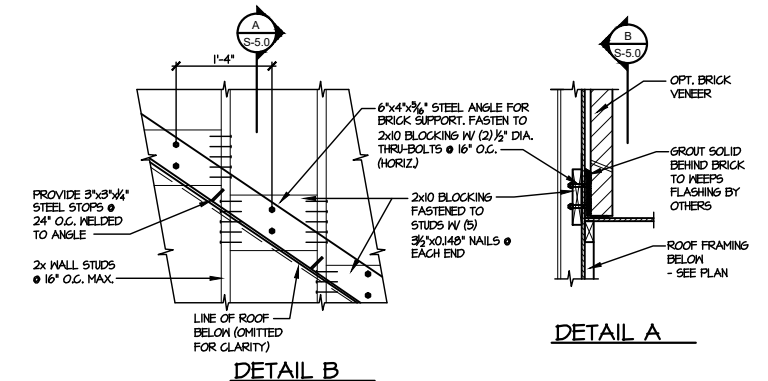
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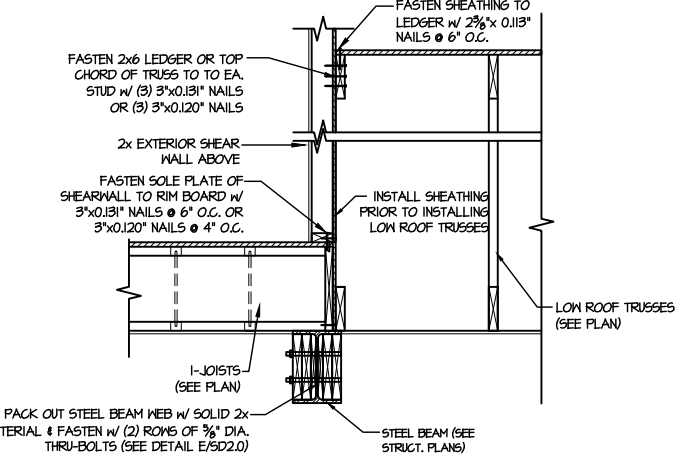
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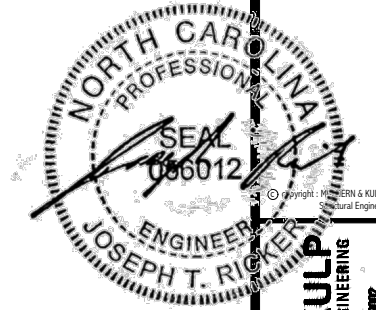
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11 DETAIL SUPPORT OF BRICK VENEER  
SCALE: 3/4"=1'-0"



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



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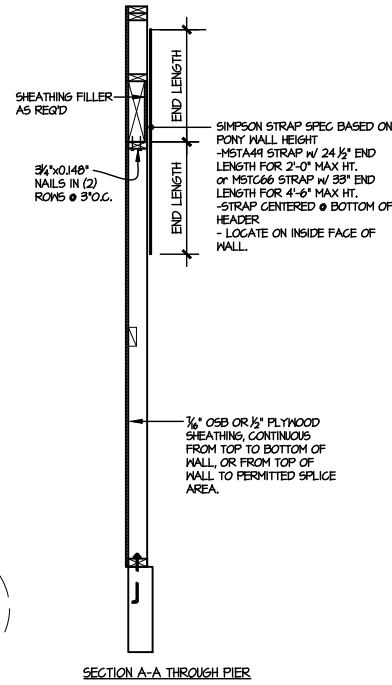
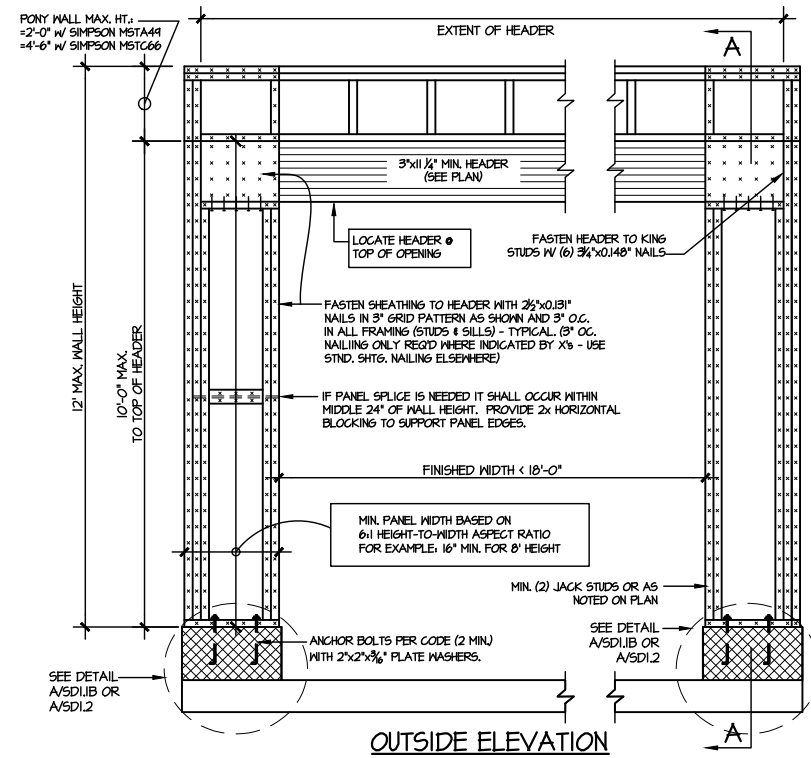
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project mgr: JTR  
drawn by: BGL  
issue date: 07-12-23

REVISIONS:  
date: initial:

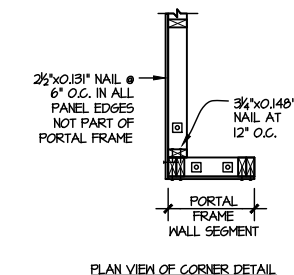
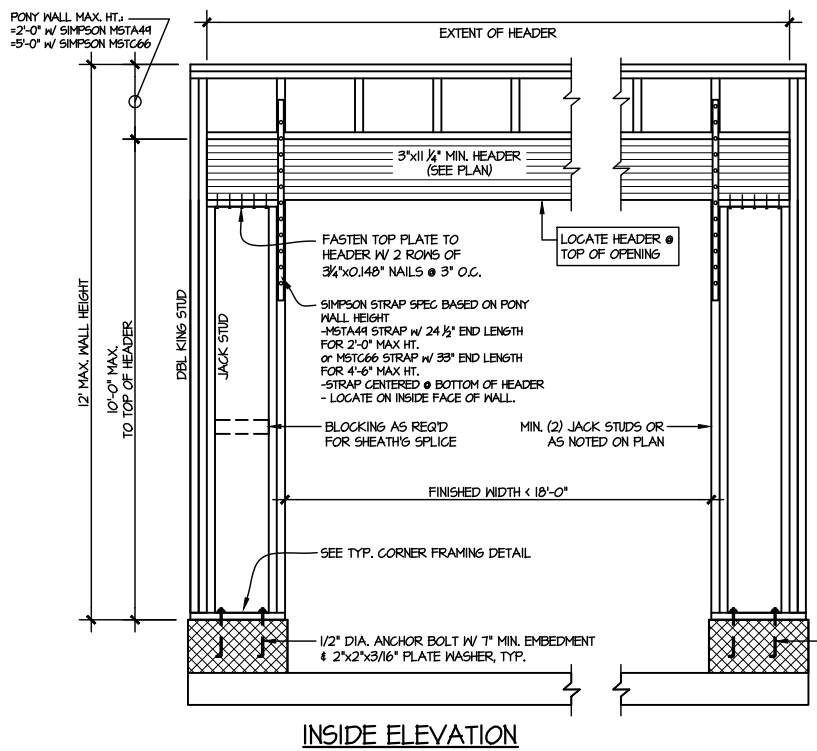


FRAMING DETAILS  
HONEYCUTT HILLS  
LOT 47 - STONEFIELD 4  
RALEIGH, NC

sheet:  
SD2.2

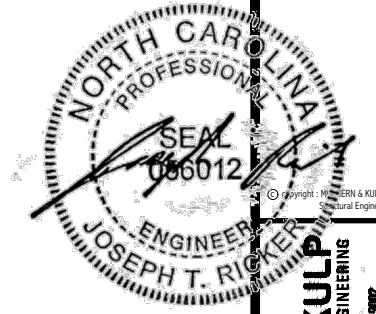


NOTE: ALL SHEATHABLE AREAS OF EXTERIOR WALL SHALL BE FULLY SHEATHED WITH 1/2" PLYWOOD OR 1/2" OSB



ALTERNATIVE TO 1/2" DIA. ANCHOR BOLT: 1/2" DIA. THREADED ROD EPOXY SET W/ 1/4" O.C. EMBED. (MIN) UTILIZING HILTI HY200 EPOXY ANCHORING SYSTEM (OR EQUAL)

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



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M&K project number:  
126-23035

project mgr: JTR  
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issue date: 07-12-23

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FRAMING DETAILS  
HONEYCUTT HILLS  
LOT 47 - STONEFIELD 4  
RALEIGH, NC

sheet:  
**SD3.0**

