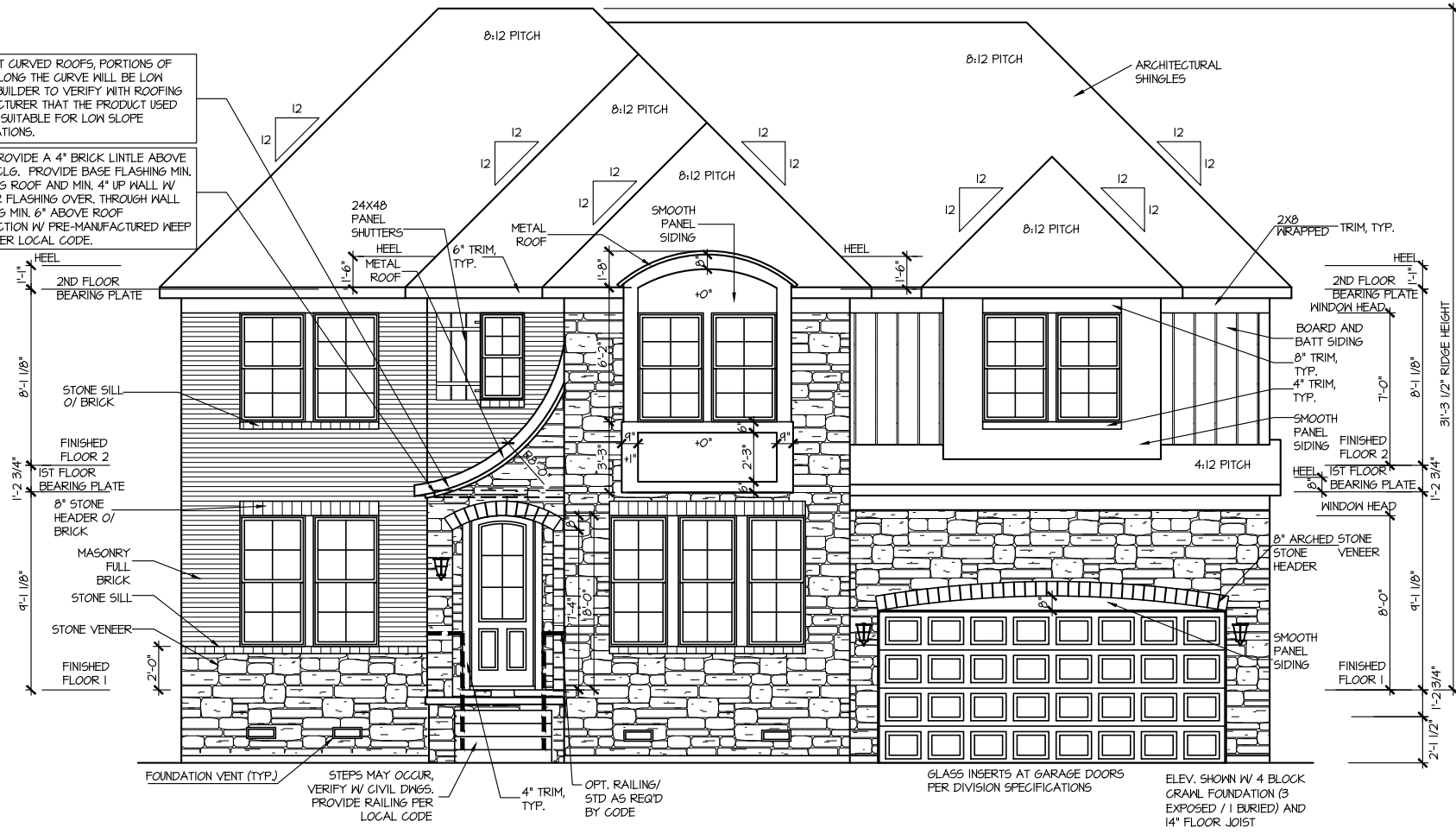
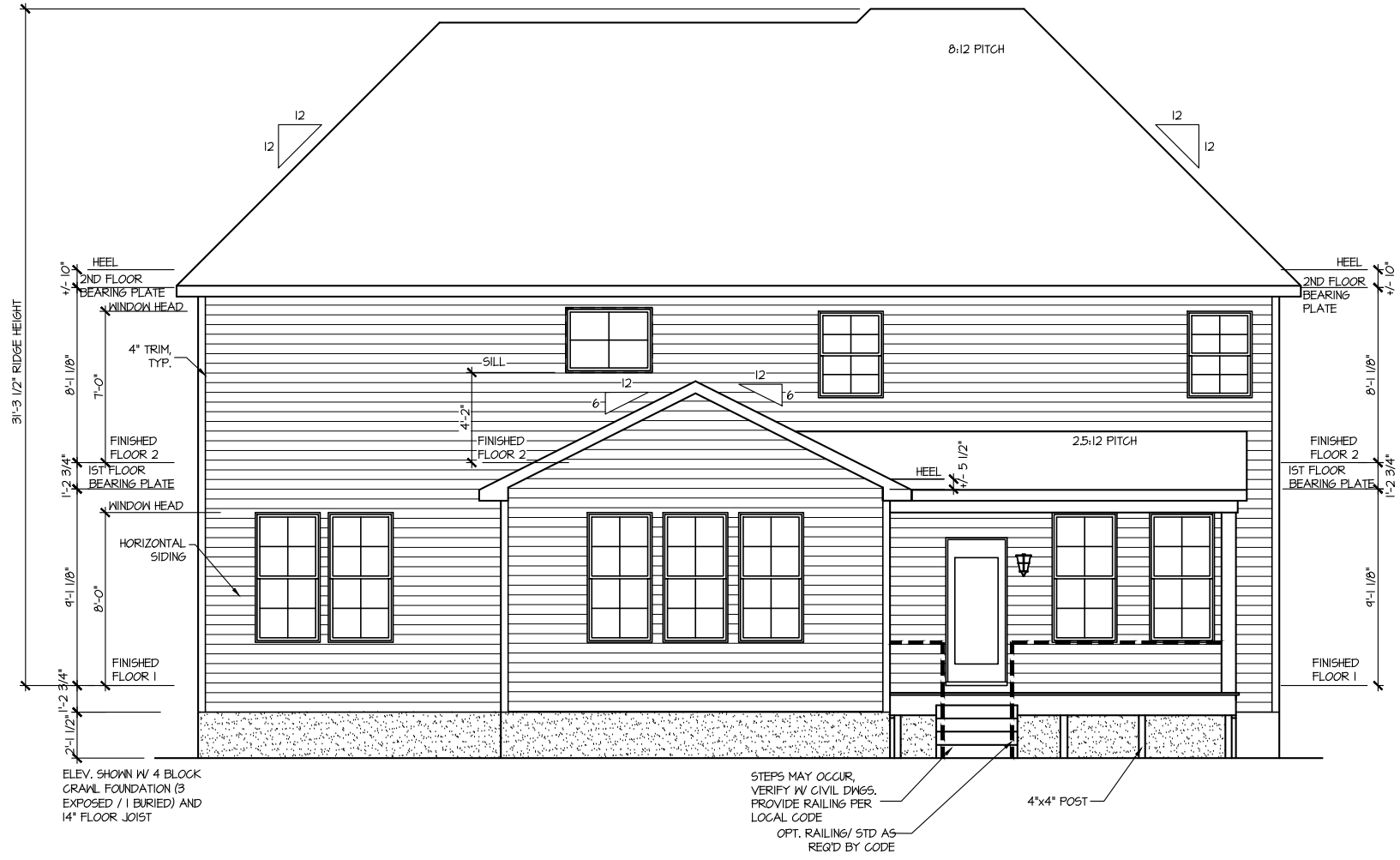


NOTE: AT CURVED ROOFS, PORTIONS OF ROOF ALONG THE CURVE WILL BE LOW SLOPE. BUILDER TO VERIFY WITH ROOFING MANUFACTURER THAT THE PRODUCT USED WILL BE SUITABLE FOR LOW SLOPE APPLICATIONS.

NOTE: PROVIDE A 4" BRICK LINTLE ABOVE PORCH CLG. PROVIDE BASE FLASHING MIN. 4" ALONG ROOF AND MIN. 4" UP WALL W/ COUNTER FLASHING OVER. THROUGH WALL FLASHING MIN. 6" ABOVE ROOF INTERSECTION W/ PRE-MANUFACTURED WEEP SLOTS PER LOCAL CODE.



FRONT ELEVATION 6
SCALE: 1/8" = 1'-0"



REAR ELEVATION 6
SCALE: 1/8" = 1'-0"

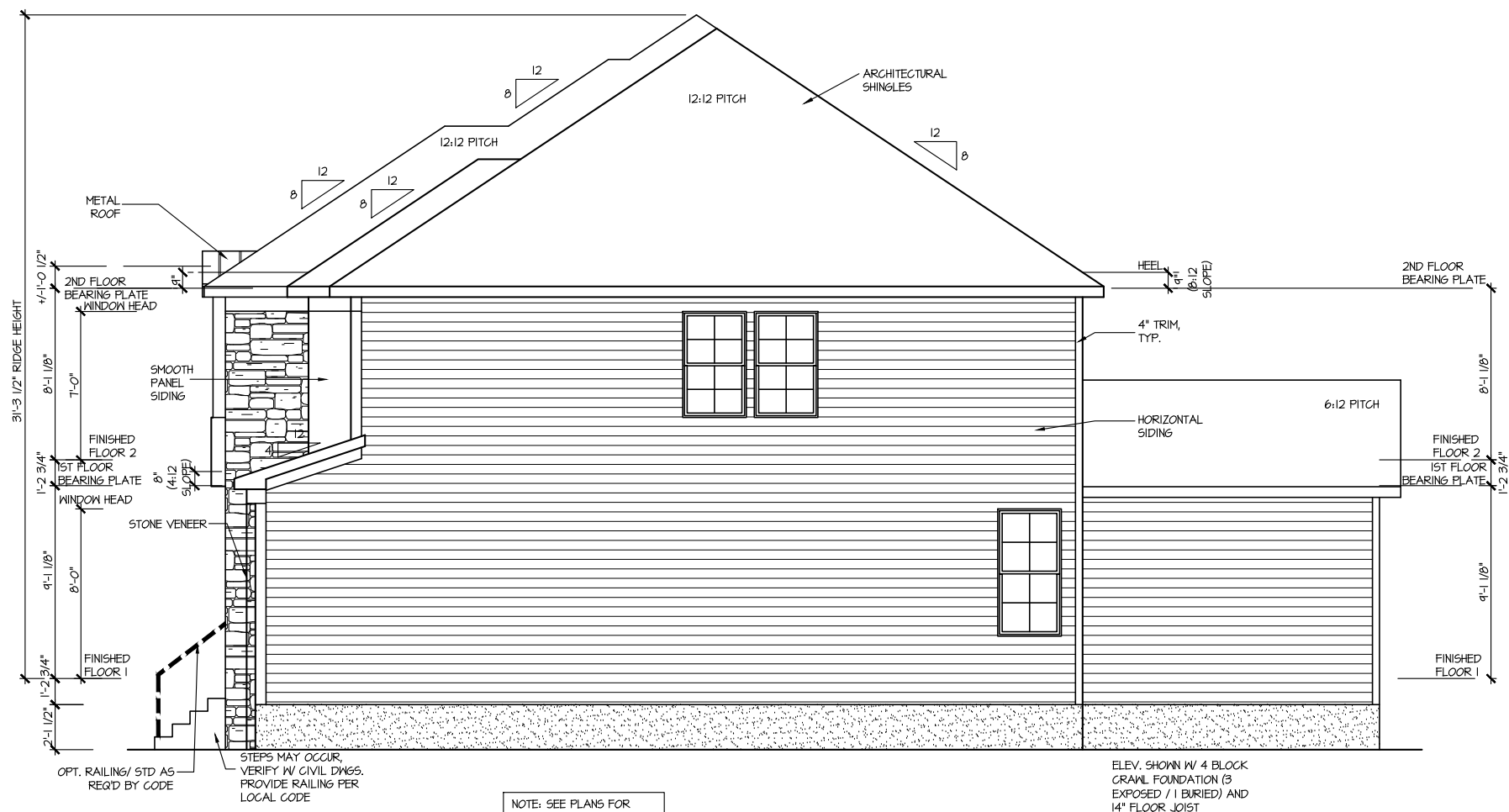
MASTER PLAN INFORMATION	
REVISION DATE	UPDATED DATE
1-RALE 09-16-19	12-06-2021

DRAWN BY: ITS
DATE: 01/31/2024
PLAN NO. 1635



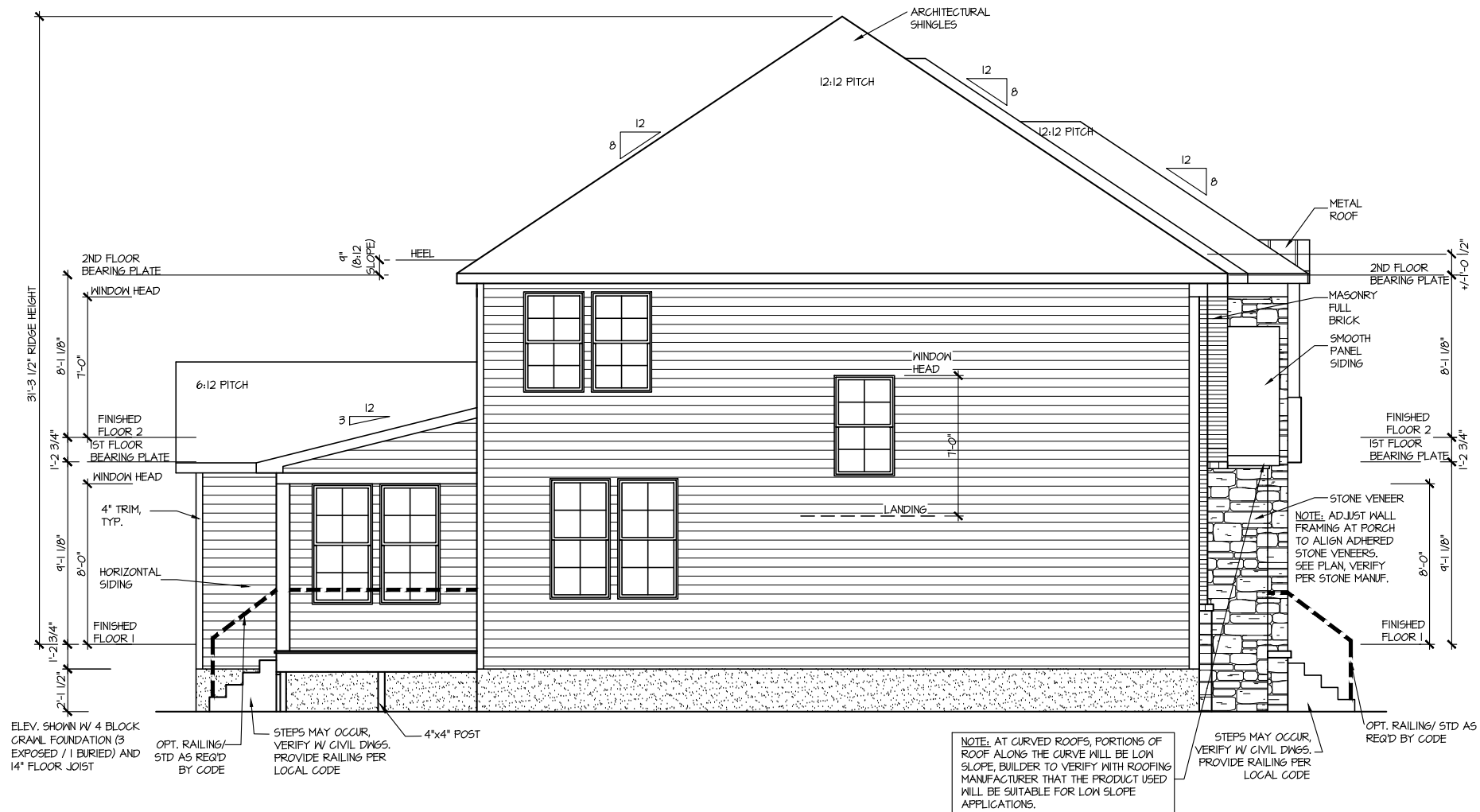
HOUSE NAME: STONEFIELD
DRAWING TITLE: FRONT & REAR ELEVATIONS

SHEET No. A.I



RIGHT ELEVATION 6

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



LEFT ELEVATION 6

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

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

DRAWN BY:
ITS
DATE: 01/31/2024
PLAN NO.
1635



HOUSE NAME:
STONEFIELD
DRAWING TITLE
RIGHT & LEFT ELEVATIONS

SHEET No.
A1.2

NOTE: AT CURVED ROOFS, PORTIONS OF ROOF ALONG THE CURVE WILL BE LOW SLOPE. BUILDER TO VERIFY WITH ROOFING MANUFACTURER THAT THE PRODUCT USED WILL BE SUITABLE FOR LOW SLOPE APPLICATIONS.

STEPS MAY OCCUR. VERIFY W/ CIVIL DNSS. PROVIDE RAILING PER LOCAL CODE

NOTE: ADJUST WALL FRAMING AT PORCH TO ALIGN ADHERED STONE VENEERS. SEE PLAN, VERIFY PER STONE MANUF.

NOTE: SEE PLANS FOR SERVICE DOOR LOCATION

ELEV. SHOWN W/ 4 BLOCK GRAVEL FOUNDATION (3 EXPOSED / 1 BURIED) AND 14" FLOOR JOIST

STEPS MAY OCCUR. VERIFY W/ CIVIL DNSS. PROVIDE RAILING PER LOCAL CODE

4"x4" POST

OPT. RAILING/ STD AS REQ'D BY CODE

OPT. RAILING/ STD AS REQ'D BY CODE

ELEV. SHOWN W/ 4 BLOCK GRAVEL FOUNDATION (3 EXPOSED / 1 BURIED) AND 14" FLOOR JOIST

STEPS MAY OCCUR. VERIFY W/ CIVIL DNSS. PROVIDE RAILING PER LOCAL CODE

OPT. RAILING/ STD AS REQ'D BY CODE

ATTIC VENT CALCULATION FOR PLAN '6'

UPPER ROOF VENTILATION CALCULATIONS:
 ROOF AREA 1 = 1054 SQ. FT.
 OVERALL REQUIRED VENTILATION:
 1 TO 150 = 12.56 SQ. FT.
 1 TO 300 = 6.18 SQ. FT.
 50% IN TOP THIRD = 3.09 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 RDS):
 82 LINEAR FEET OF SOFFIT X 5.1 SQ. IN. = 3,245 SQ. FT.
UPPER VENTING (TOP 1/3 R2):
 24 LINEAR FEET OF RIDGE X 18 SQ. IN. = 9 SQ. FT.
 3 SQ. FT. AT 50%
 (1 TO 300 ALLOWED)

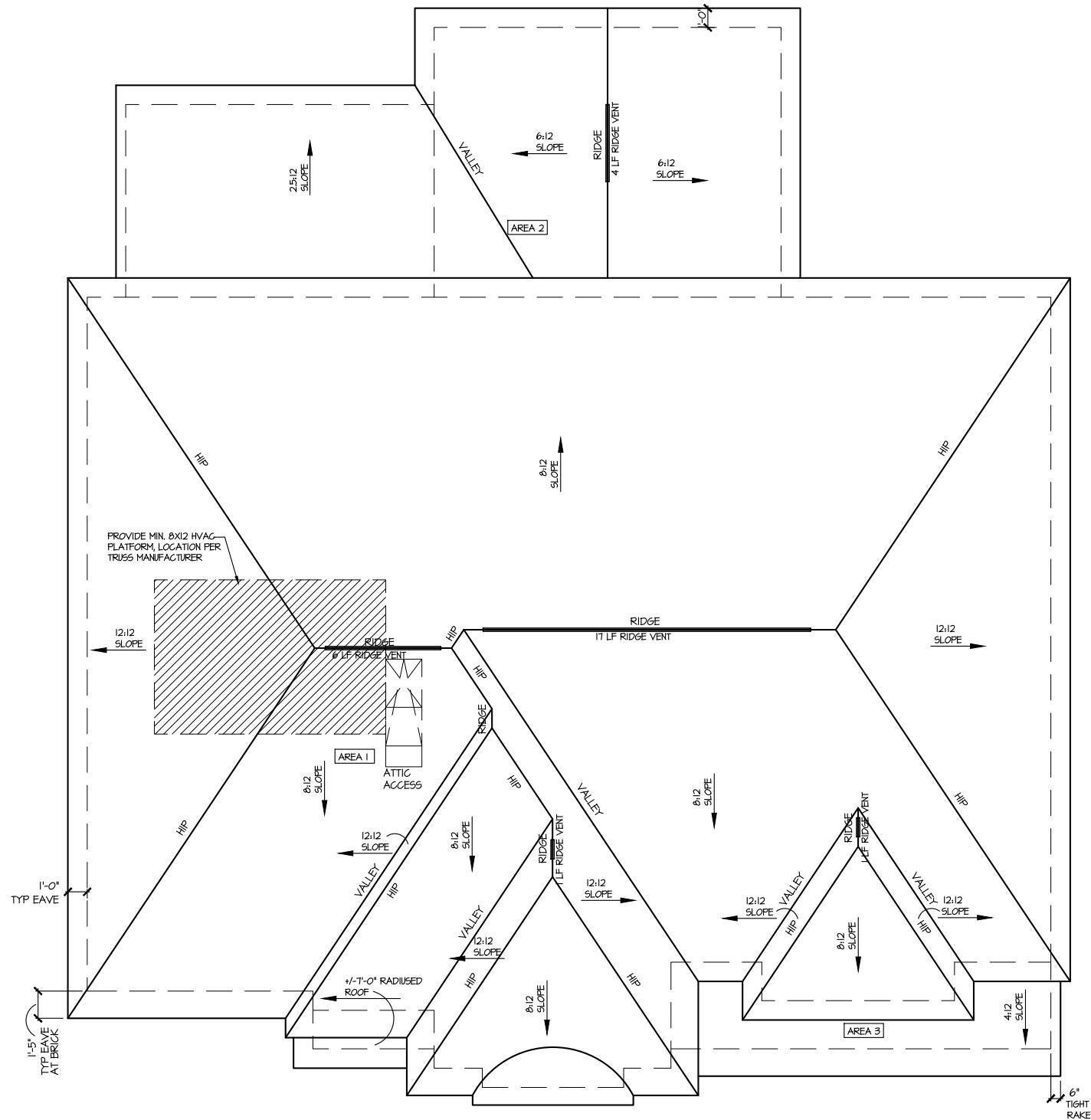
UPPER ROOF VENTILATION CALCULATIONS:
 ROOF AREA 2 = 252 SQ. FT.
 OVERALL REQUIRED VENTILATION:
 1 TO 150 = 1.89 SQ. FT.
 1 TO 300 = 0.94 SQ. FT.
 50% IN TOP THIRD = 0.42 SQ. FT. (1 TO 300)
 NET FREE AREA OF VENTED SOFFIT = 5.1 SQ. IN / LINEAR FT.
 NET FREE AREA OF RIDGE VENT = 18 SQ. IN / LINEAR FT.
LOWER VENTING (BOTTOM 2/3 RDS):
 11 LINEAR FEET OF SOFFIT X 5.1 SQ. IN. = 0.495 SQ. FT.
UPPER VENTING (TOP 1/3 R2):
 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 = 64 SQ. FT.
 OVERALL REQUIRED VENTILATION:
 1 TO 150 = 0.46 SQ. FT.
 1 TO 300 = 0.23 SQ. FT.
 50% IN TOP THIRD = 0.115 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 RDS):
 23 LINEAR FEET OF SOFFIT X 5.1 SQ. IN. = 0.91 SQ. FT.
UPPER VENTING (TOP 1/3 R2):
 3 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 = 144 SQ. FT.
 OVERALL REQUIRED VENTILATION:
 1 TO 150 = 0.46 SQ. FT.
 1 TO 300 = 0.40 SQ. FT.
 50% IN TOP THIRD = 0.24 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 RDS):
 20 LINEAR FEET OF SOFFIT X 5.1 SQ. IN. = 0.71 SQ. FT.
UPPER VENTING (TOP 1/3 R2):
 3 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 5 = 254 SQ. FT.
 OVERALL REQUIRED VENTILATION:
 1 TO 150 = 1.56 SQ. FT.
 1 TO 300 = 0.78 SQ. FT.
 50% IN TOP THIRD = 0.39 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 RDS):
 10 LINEAR FEET OF SOFFIT X 5.1 SQ. IN. = 0.346 SQ. FT.
UPPER VENTING (TOP 1/3 R2):
 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. 6

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

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

DRAWN BY: ITS
 DATE: 01/31/2024
 PLAN NO. 1635



HOUSE NAME: STONEFIELD
 DRAWING TITLE: ROOF PLAN

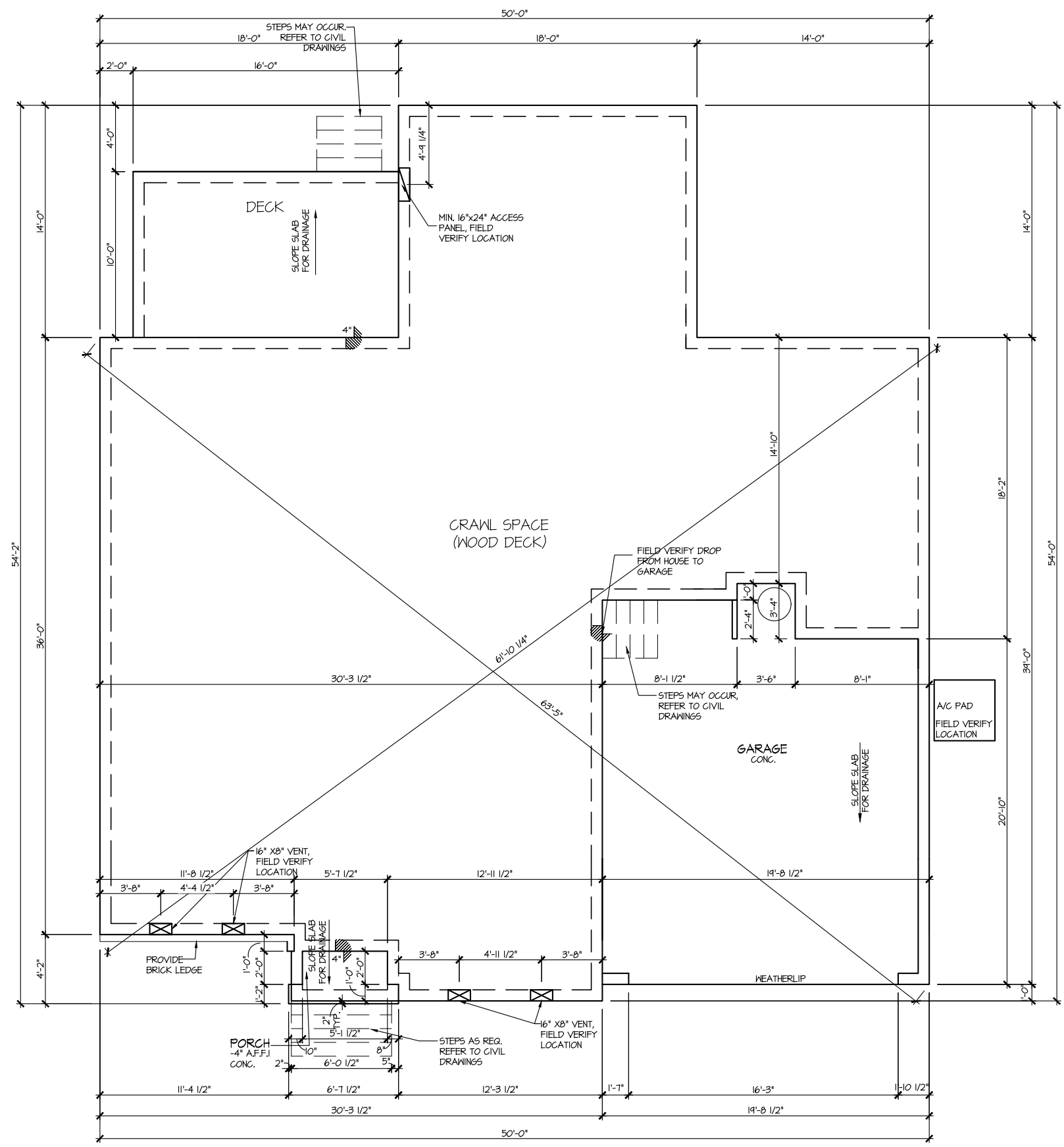
SHEET No. A13

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 6
 CRAWL SPACE PLAN
 SCALE: 1/8" = 1'-0"

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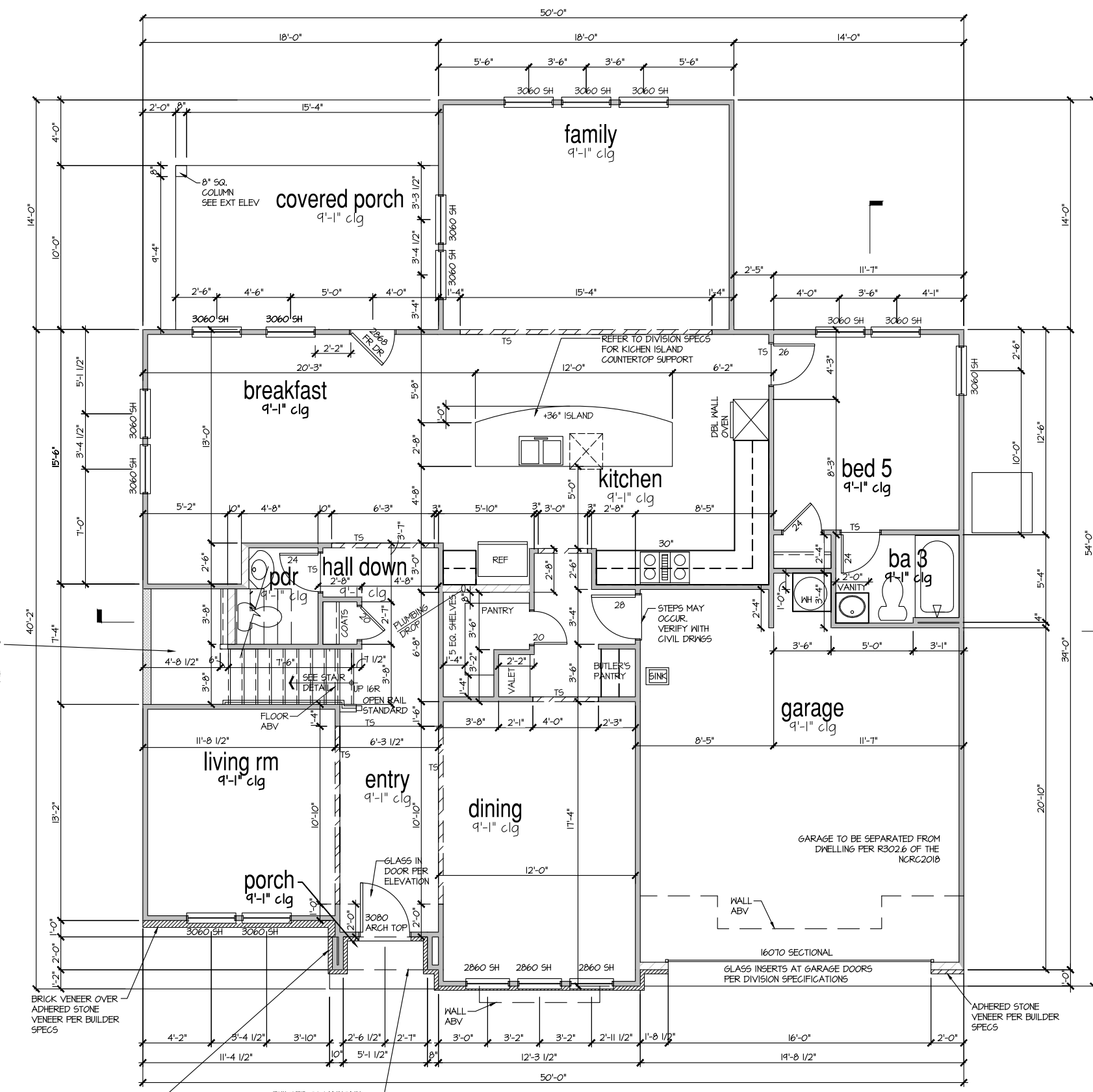
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REVISION	DATE
1 - RALE	09-16-19
UPDATED DATE	12-06-2021

DRAWN BY:
 ITS
 DATE: 01/31/2024
 PLAN NO.
 1635



HOUSE NAME:
 STONEFIELD
 DRAWING TITLE
 CRAWL SPACE PLAN

SHEET No.
 A2.1



STAIRS TO BE DESIGNED PER R311.15 OF THE NRC2018 CODE MIN. 4" TREAD DEPTH MAX. 8 1/4" RISER HEIGHT

BRICK VENEER OVER ADHERED STONE VENEER PER BUILDER SPECS

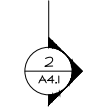
NOTE: ADJUST WALL FRAMING AT PORCH TO ALIGN ADHERED STONE VENEERS. VERIFY PER STONE MANUF.

BUILDER TO MAINTAIN A MIN. 3'-0" STOOP PER LOCAL CODE

SOFFIT SEE EXT ELEV

**ELEVATION 6
FIRST FLOOR PLAN**

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



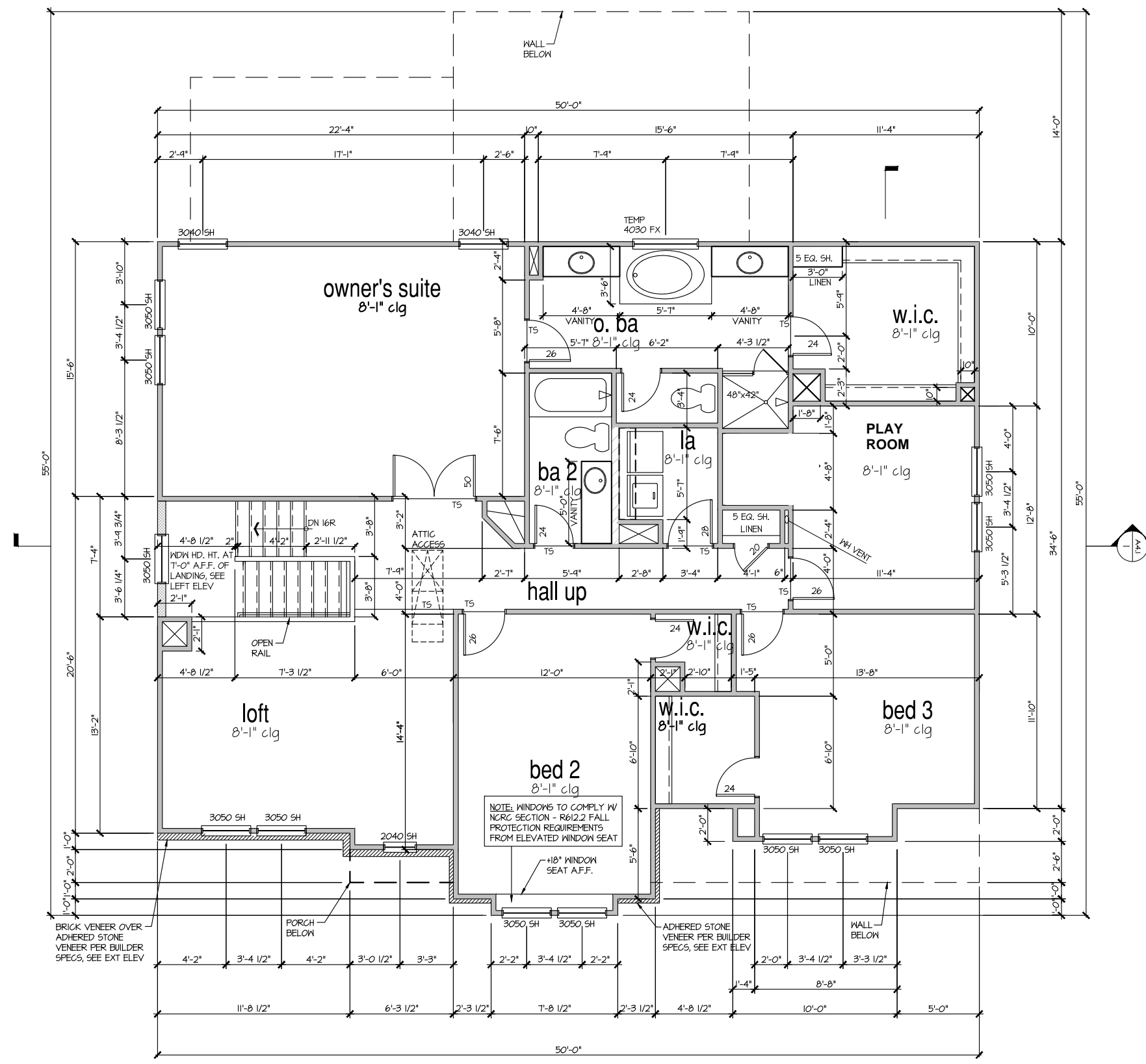
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REVISION	DATE
1 - RALE	09-16-19
UPDATED DATE	12-06-2021

DRAWN BY:	ITS
DATE:	01/31/2024
PLAN NO.	1635



HOUSE NAME:	STONEFIELD
DRAWING TITLE	FIRST FLOOR PLAN

SHEET No.	A3.1
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ELEVATION 6
SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

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

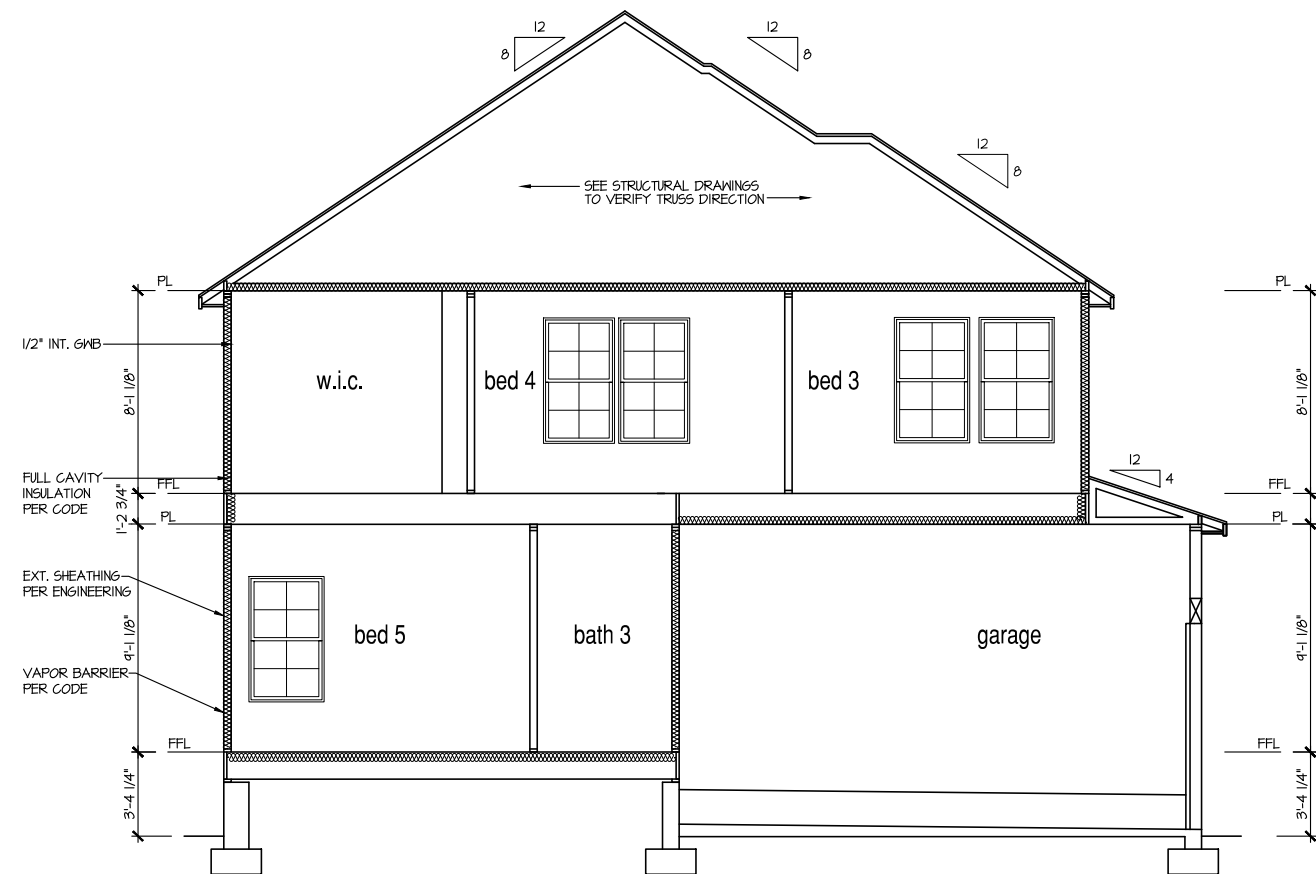
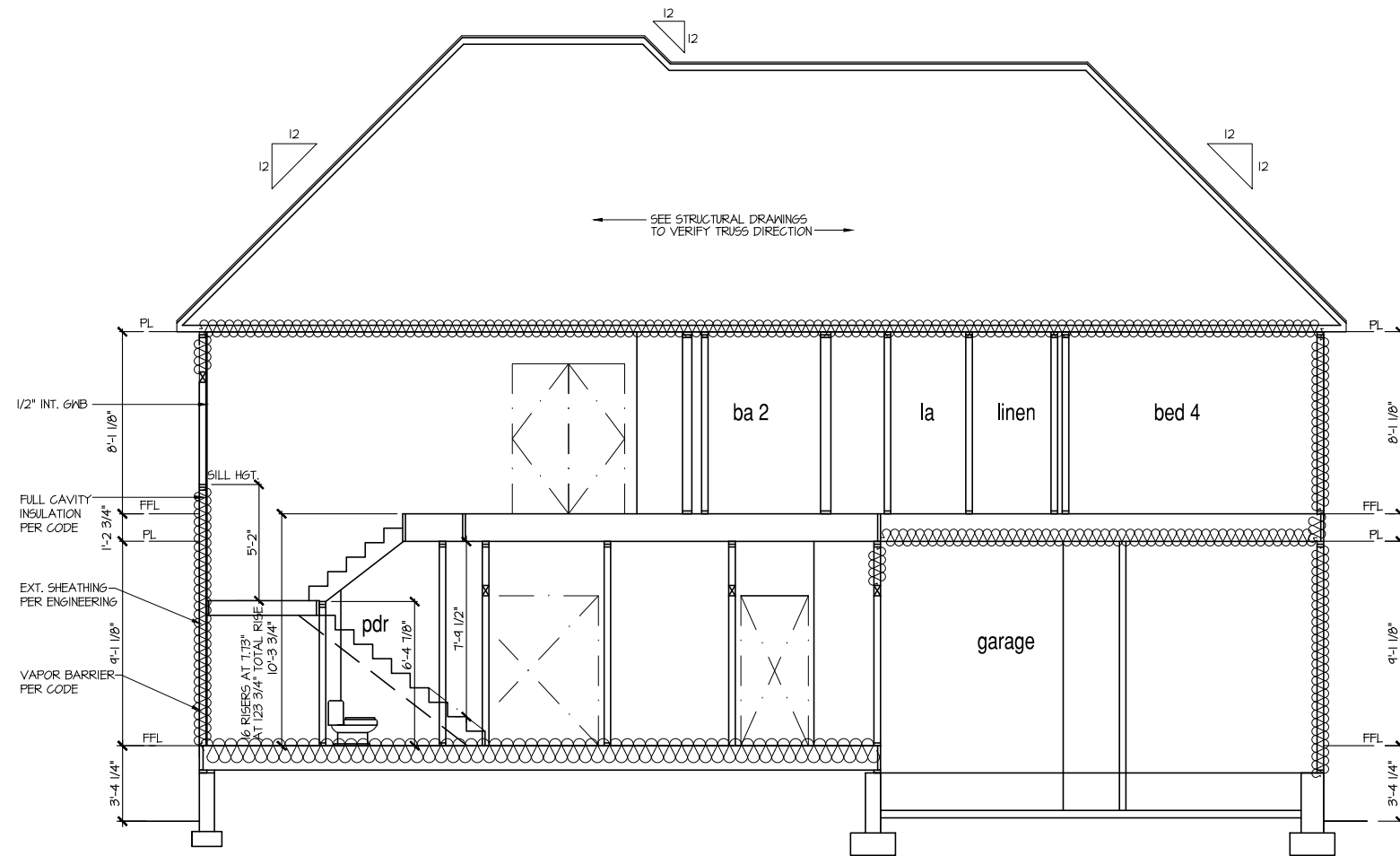
DRAWN BY:	ITS
DATE:	01/31/2024
PLAN NO.	1635



HOUSE NAME:	STONEFIELD
DRAWING TITLE	SECOND FLOOR PLAN

SHEET No.	A3.2
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FILE: Lot 00.0043.dwg DATE: 1/31/2024 4:16 PM



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 BATTIS MINIMUM. VERIFY
 CEILING WITH ATTIC ABOVE: R-38 BATTIS MINIMUM. VERIFY
 FLOOR OVER GARAGE: R-14 BATTIS MINIMUM. VERIFY
 ATTIC KNEEWALL: R-14 BATTIS MINIMUM. VERIFY

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

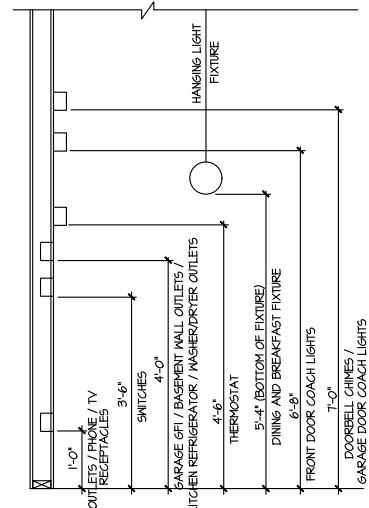
MASTER PLAN INFORMATION	
REVISION DATE	UPDATED DATE
1--RALE 09-16-19	12-06-2021

DRAWN BY:	ITS
DATE:	01/31/2024
PLAN NO.	1635

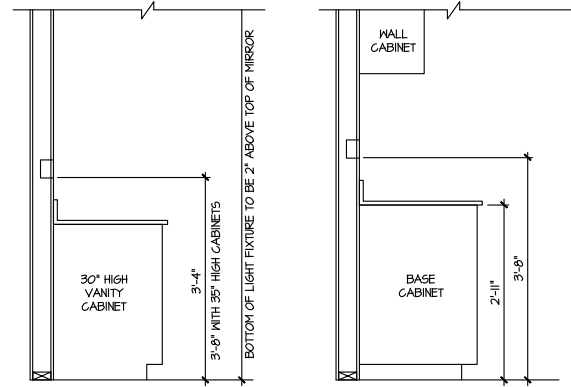
DRB HOMES

HOUSE NAME:
STONEFIELD
 DRAWING TITLE
BUILDING SECTION

SHEET No.
A4.1

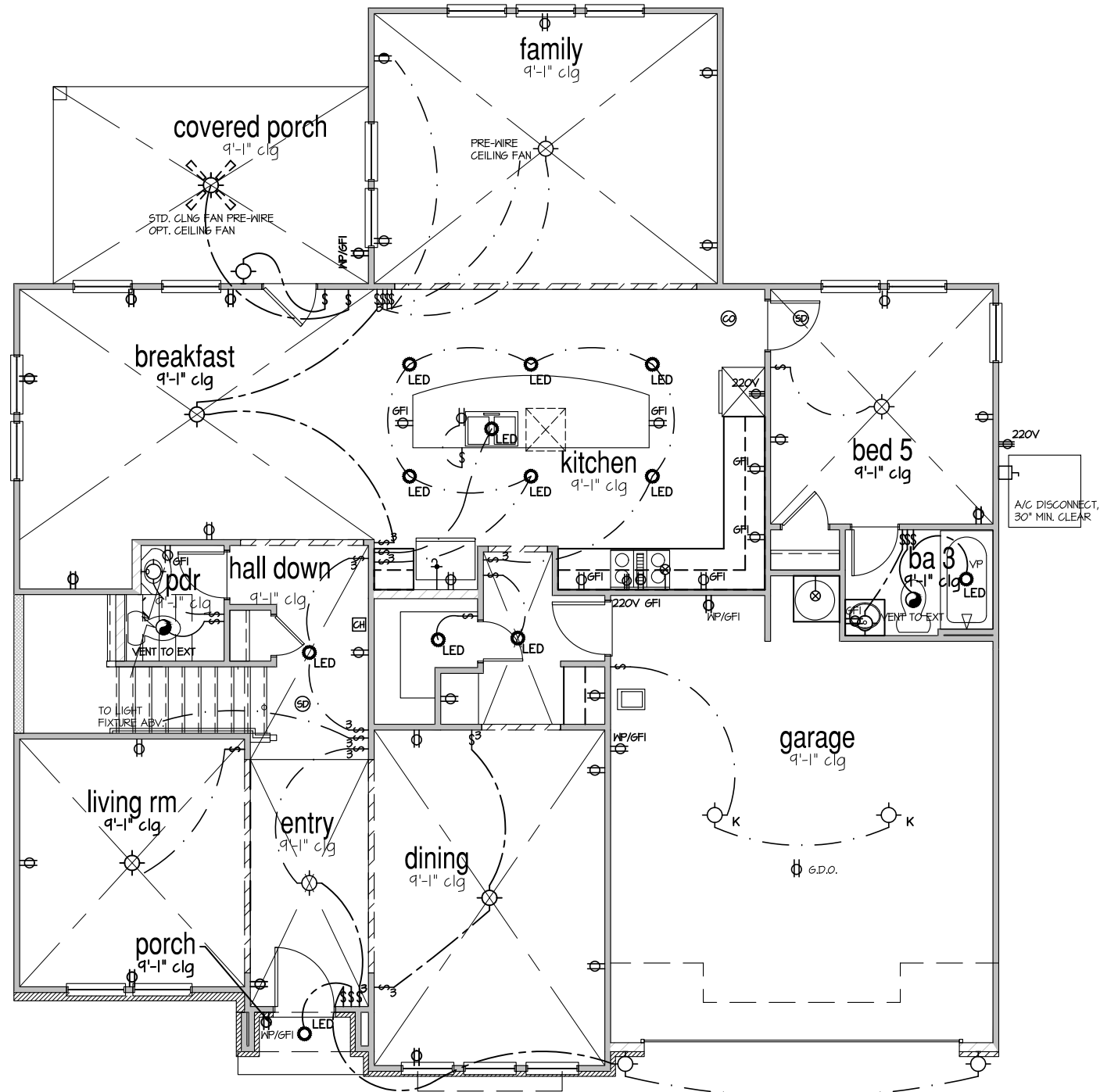


STANDARD ELECTRICAL BOX HEIGHTS



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 FLOURESCENT FIXTURES FOR INC. 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	⊕	120V 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	⊕	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
FIRST FLOOR - ELEV. 6

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

MASTER PLAN INFORMATION

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

DRAWN BY: ITS

DATE: 01/31/2024

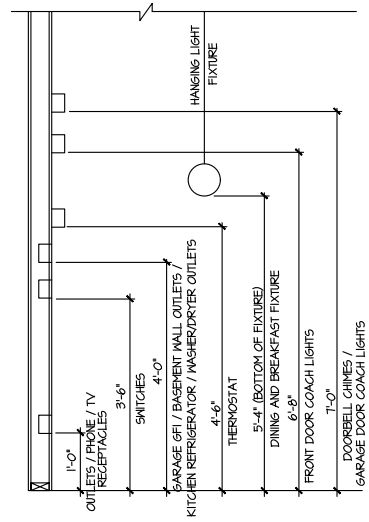
PLAN NO. 1635



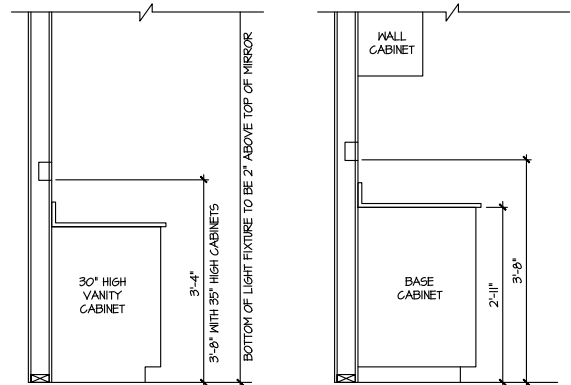
HOUSE NAME: STONEFIELD

DRAWING TITLE: FIRST FLOOR ELECTRICAL

SHEET No. E.I.

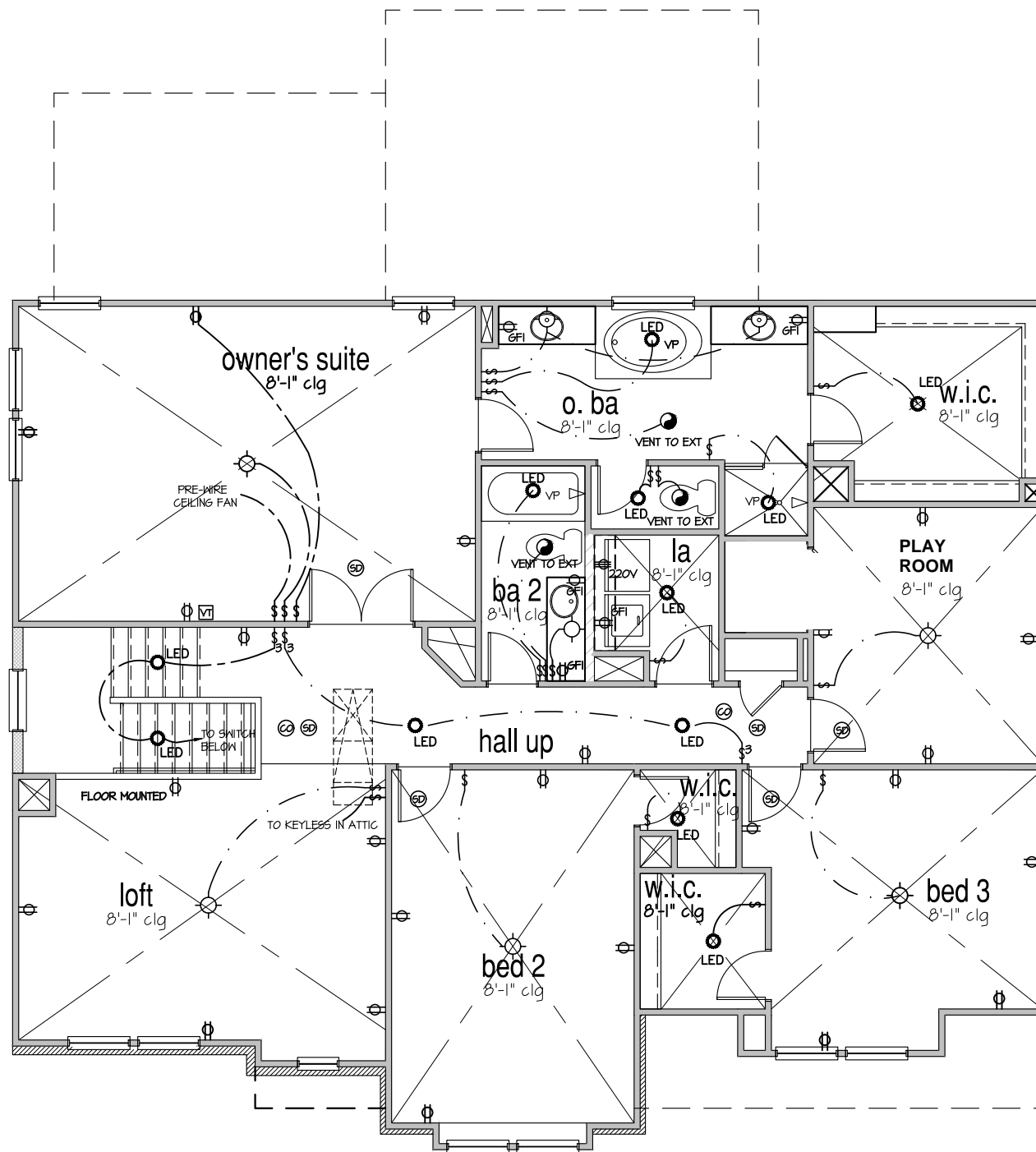


STANDARD ELECTRICAL BOX HEIGHTS



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 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 NG & INCANDESCENT CLG. MOUNTED FIXTURES FOR ALL OTHER AREAS.

LEGEND:

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

ELECTRICAL PLAN
SECOND FLOOR - ELEV. 6

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

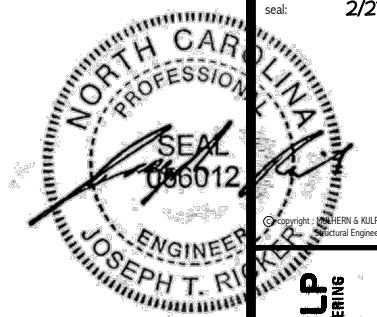
MASTER PLAN INFORMATION	
REVISION DATE	1-RALE 09-16-19
UPDATED DATE	12-06-2021

DRAWN BY:	ITS
DATE:	01/31/2024
PLAN NO.	1635



HOUSE NAME: STONEFIELD
DRAWING TITLE: SECOND FLOOR ELECTRICAL

SHEET No. E1.2



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MULHERN+KULP RESIDENTIAL STRUCTURAL ENGINEERING 300 Beaverton Ave., Building 4 - Asheville, PA 17002 P: 215-948-2801 M: 215-948-2802

M&K project number: 126-23047 project mgr: JTR drawn by: KFG issue date: 02-15-24

REVISIONS: date: initial:

DRB HOMES

STRUCTURAL NOTES HONEYCUTT HILLS LOT 43 - STONEFIELD 6 RALEIGH, NC

sheet: SO.0

ENGINEERED BEAM MATERIAL SCHEDULE

Table with columns: BEAM NUMBER, LVL OPTION, PSL OPTION, LSL OPTION, FLITCH OPTION, STEEL OPTION. Lists various beam specifications for different parts of the house.

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

ADDITIONAL NOTES FOR TRUSS & I-JOIST MANUFACTURER

TRUSSES/JOISTS SHALL BE DESIGNED SO THAT DIFFERENTIAL DEFLECTION CRITERIA BELOW, UNLESS NOTED OTHERWISE ON PLAN.

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

LATERAL BRACING & SHEAR WALL SHEATHING SPECIFICATIONS

THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM: 120 MPH WIND IN 2018 NCSEBC:RC (120 MPH WIND SPEED IN ASCE 7-10 WIND MAP, PER IRC R301.2.1.1) EXP. B, RISK CAT. 2 & SEISMIC CAT. A/B.

THE DESIGN WAS COMPLETED PER 2015 IBC (SECTION 1609) & ASCE 7-10, AS PERMITTED BY R301.3 OF THE 2018 NCSEBC:RC, OR THE SIMPLIFIED PRESCRIPTIVE PROCEDURE IN ACCORDANCE WITH THE 2015 IRC IF THE PARAMETERS OF SECTION R602.12 COMPLY.

DESIGN WIND UPLIFT LOADS HAVE BEEN CALCULATED UTILIZING ASCE 7-10 (ACCEPTED ENGINEERING PRACTICE) AS ALLOWED PER 2018 NCSEBC:RC SECTION R602.11.1. THIS MODEL HAS BEEN DETAILED WHERE REQUIRED & ENGINEERED TO RESIST THE WIND UPLIFT LOAD PATH PER SECTIONS R602.3.54 R602.11.

EXT. WALL SHEATHING SPECIFICATION

7/16" OSB OR 15/32" PLYWOOD: FASTEN SHEATHING W/ 2 3/8"x0.131" NAILS @ 6" O.C. AT EDGES & @ 12" O.C. IN THE PANEL FIELD. TYP. UNO.

BLOCKED PANEL EDGES

AT DESIGNATED AREAS - FASTEN SHEATHING W/ 2 3/8" x 0.131" NAILS @ 6" O.C. AT ALL PANEL EDGES AND 12" O.C. IN THE PANEL FIELD OR 1 3/4" 16 GA STAPLES (1/2" CROWN) @ 3" O.C. AT EDGES & @ 6" O.C. IN FIELD.

3" O.C. EDGE NAILING

AT DESIGNATED AREAS - FASTEN PANEL EDGES OF WOOD STRUCTURAL WALL SHEATHING TO FRAMING W/ 8d NAILS @ 3" O.C. NO STAPLE ALTERNATIVE AVAILABLE AT THIS SPEC.

NOTES

SEE CONNECTION SPECIFICATIONS CHART FOR STANDARD SHEAR TRANSFER DETAILING. IF ADDITIONAL CAPACITY IS REQUIRED BY DESIGN, IT WILL BE SPECIFICALLY NOTED ON PLAN.

FLOOR FRAMING

I-JOISTS/TRUSSES SHALL BE DESIGNED BY MANUF. TO MEET OR EXCEED L/480 LIVE LOAD DEFLECTION CRITERIA. (EXCLUDES MARBLE FLOORS - CONTACT MK FOR MARBLE FLOOR DESIGNS)

FLOOR SHEATHING SHALL BE 23/32" A.P.A. RATED 'STURD-I-FLOOR' 24" O.C. EXPOSURE 1 (OR APPROVED EQUAL) WITH TONGUE AND GROOVE EDGES.

ROOF FRAMING

BAY WINDOWS & SHED ROOFS (UP TO 6' SPAN) CAN BE 2x4 OR 2x6 RAFTERS & CEILING JOISTS @ 16/24" O.C.

FASTEN EACH ROOF TRUSS TO TOP PLATE W/ SIMPSON H2.5T CLIP (OR APPROVED EQUAL) @ ALL BEARING POINTS.

ERECT AND INSTALL ROOF TRUSSES PER WTCA & TPI'S BCSI I-08 GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING & BRACING OF METAL PLATE CONNECTED WOOD TRUSSES.

ROOF SHEATHING SHALL BE 7/16" A.P.A. RATED SHEATHING 24/16 EXPOSURE 1 (OR APPROVED EQUAL). FASTEN TO FRAMING MEMBERS W/ 2 1/2" x 0.131" NAILS @ 6" O.C. @ PANEL EDGES & @ 12" O.C. FIELD.

HOLD-DOWN SCHEDULE

Table with columns: SYMBOL, SPECIFICATION. Lists hold-down types like HD-1 SIMPSON HTT4 HOLD-DOWN, HD-2 SIMPSON MSTC66 STRAP TIE, HD-3 SIMPSON STDH14/14R HOLD-DOWN.

ALTERNATIVE TO 56T24 ANCHOR BOLT SPECIFICATION: UTILIZE SIMPSON 'SET' EPOXY SYSTEM TO FASTEN 3/8" DIA. THREADED ROD INTO CONCRETE FOUNDATION.

LEGEND

- Interior bearing wall, Bearing wall above, Beam/Header, Indicated shear wall & extent, Extent of overframing, Metal hanger, Indicated post above, Indicated hold-down or strap.

NON-BEARING HEADER SCHEDULE

Table with columns: SPAN, 2x4 NON-BEARING PARTITION WALL, 2x6 NON-BEARING PARTITION WALL. Lists header sizes for different spans.

ALL NON-BEARING INTERIOR STUD WALLS SHALL BE CONSTRUCTED WITH 2x 'STUD' GRADE MEMBERS SPACED @ 24" O.C. (MAX.)

GENERAL STRUCTURAL NOTES

DESIGN IS BASED ON 2018 NORTH CAROLINA STATE BUILDING CODE, RESIDENTIAL CODE. WOOD FRAME ENGINEERING IS BASED ON NDS, 'NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION' - LATEST EDITION.

DESIGN LOADS: ROOF DEAD = 7 PSF T.C., 10 PSF B.C. LIVE = 16 PSF LOAD DURATION FACTOR = 1.25 FLOOR LIVE = 40 PSF (30 PSF @ SLEEPING AREAS) DEAD = 10 PSF (I-JOISTS & SOLID SAWN) 10 PSF T.C., 5 PSF B.C. (TRUSSES) (ADDL 10 PSF @ TILE) LATERAL 120 MPH, EXPOSURE B. SEISMIC A/B. SOIL 2,000 PSF ASSUMED ALLOWABLE BEARING PRESSURE (TO BE VERIFIED BY BUILDER)

GENERAL FRAMING

ALL TYP. NAIL FASTENER REQUIREMENTS ARE NOTED IN STANDARD CONNECTIONS TABLE OR ON PLANS. ALL NAILS SPECIFIED ARE MIN DIAMETER AND LENGTH REQUIRED FOR CONNECTION.

REFER TO FASTENING SCHEDULE TABLE R602.3(1) FOR ALL CONNECTIONS, TYP. UNO. EXT. & INT. BRG WALLS SHALL BE 2x4 OR 2x6 (AS SHOWN ON PLANS) @ 16" O.C. SFF OR 5/16" STUD GRADE LUMBER, OR BETTER, UNO.

ALL NON-BEARING INTERIOR STUD WALLS SHALL BE CONSTRUCTED WITH 2x 'STUD' GRADE MEMBERS SPACED @ 16" O.C. (MAX., UNO.) HEADERS IN NON-LOAD BEARING WALLS SHALL BE: (1)2x4/6 FLAT @ OPENINGS UP TO 4', (2)2x4/6 FLAT UP TO 8'.

ENGINEERED LUMBER BEAMS TO MEET OR EXCEED THE FOLLOWING: 'LSL' - Fb=2325 psi; Fv=310 psi; E=1.55x10^6 psi 'LVL' - Fb=2600 psi; Fv=285 psi; E=2.0x10^6 psi 'PSL' - Fb=2400 psi; Fv=240 psi; E=2.0x10^6 psi

M&K SHALL BE FULLY INDEMNIFIED FOR ANY AND ALL ISSUES RESULTING FROM OR RELATED TO ANY BUILDING COMPONENT IF THE OWNER DOES NOT SUBMIT THE COMPONENT SHOP DRAWINGS TO M&K FOR STRUCTURAL REVIEW PRIOR TO FABRICATION, DELIVERY, OR INSTALLATION.

FOR 4 PLY BEAMS OF EQUAL WIDTH, FASTEN PLIES TOGETHER WITH 3 ROWS OF 3"x0.120" NAILS @ 8" O.C. OR 2 ROWS 1/4"x3/8" SIMPSON SDS SCREWS (OR 3/8" TRUSSLOK SCREWS) @ 16" O.C. USE A MINIMUM OF 3 ROWS FOR BEAM DEPTHS OF 14" OR GREATER.

ALL HEADERS SHALL BE SUPPORTED BY (1)2x 4x4 STUD & (1)2x KING STUD, MINIMUM. - THE NUMBER OF STUDS SPECIFIED AT A SUPPORT INDICATES THE NUMBER OF JACK STUDS REQUIRED, UNO.

FOR 2 & 3 PLY BEAMS OF EQUAL WIDTH, FASTEN PLIES TOGETHER WITH 2x 'STUD' GRADE MEMBERS SPACED @ 16" O.C. (MAX., UNO.) SIMPSON SDS SCREWS (OR 3/8" TRUSSLOK SCREWS) @ 16" O.C. USE A MINIMUM OF 4 ROWS FOR BEAM DEPTHS OF 14" OR GREATER.

ALL MULTI-PLY STUDS TO BE FASTENED TOGETHER W/ 3"x0.131" NAILS @ 24" O.C. (MIN.), EACH PLY. PROVIDE SOLID BLOCKING IN FLOOR SYSTEM UNDER ALL POSTS CONTINUOUS TO FND/BEARING. BLOCKING TO MATCH POST ABOVE.

FASTEN 2x WOOD PLATES TO TOP FLANGE OF STEEL BEAMS WITH P.A.F.'s (HILTI' X-CF PINS OR EQUAL) @ 16" O.C. STAGGERED, OR 1/2" DIA. BOLTS @ 48" O.C. STAGGERED.

ALL EXTERIOR 4x4 WOOD POSTS SHALL HAVE SIMPSON BC62-2/4 CAP & ABW44Z BASE, UNO.

GENERAL STRUCTURAL NOTES

FOUNDATION

DESIGN IS BASED ON 2018 NORTH CAROLINA STATE BUILDING CODE, RESIDENTIAL CODE. FOOTING DESIGN - 2,000 PSF ALLOWABLE SOIL BEARING PRESSURE IS ASSUMED. BUILDER/CONTRACTOR MUST VERIFY.

FASTEN 2x4/6 SILL PLATES TO FND WITH A MINIMUM OF 2 ANCHORS PER PLATE, 12" MAX. FROM PLATE ENDS - UTILIZING: 1/2" DIA. ANCHOR BOLTS @ 6'-0" O.C., 7" MIN. EMBEDMENT (CONC), 15" MIN. EMBEDMENT (CMU) SIMPSON MASA ANCHOR STRAPS @ 6'-0" O.C. (CONC) SIMPSON MAB23 ANCHOR STRAPS @ 2'-8" O.C. (CMU)

ALL LUMBER EXPOSED TO WEATHER OR IN CONTACT W/ CONCRETE OR CMU SHALL BE PRESERVATIVE TREATED SOUTHERN PINE #2. BUILDER TO VERIFY CORROSION-RESISTANCE COMPATIBILITY OF HARDWARE & FASTENERS IN CONTACT W/ PRESERVATIVE-TREATED WOOD.

BASEMENT INTERIOR BEARING WALLS & EXTERIOR WALK-OUT BASEMENT WALLS SHALL BE 2x6 @ 16" O.C. SFF OR 5/16" STUD GRADE OR BETTER.

CONCRETE DESIGN BASED ON ACI 318. CONCRETE SHALL ATTAIN THE FOLLOWING MIN. COMPRESSIVE STRENGTHS IN 28 DAYS, UNO: Fc = 4,000 psi: FOUNDATION WALLS 2,500 psi: FOOTINGS & INTERIOR SLABS ON GRADE 3,000 psi: GARAGE & EXTERIOR SLABS ON GRADE fy = 60,000 psi

BASEMENT FOUNDATION WALL DESIGN BASED ON: 4' OR 10' HEIGHT (AS NOTED ON PLANS) - TALLER WALLS MUST BE ENGINEERED. NOMINAL WIDTH (4 1/2" FOR 10" THICK WALL).

BASEMENT WALL DESIGN IS BASED ON 60 PCF BACKFILL SOIL TYPE CLASSIFICATIONS (SC, ML-CL, OR CL).

BASEMENT WALLS SHALL BE BRACED, PRIOR TO BACKFILLING, BY ADEQUATE TEMPORARY BRACING OR INSTALL 1st FLOOR DECK.

PROVIDE (2) #5 BARS AROUND ALL SIDES OF OPENINGS IN CONCRETE BSMT. FND. WALL WITH 2" CLEAR. REINFORCEMENT SHALL EXTEND 12" PAST CORNER OF OPENING IN ALL DIRECTIONS. FOR OPENINGS UP TO 36", PROVIDE MINIMUM 10" CONCRETE DEPTH OVER OPENING OR (3)2x10 W/ (2)2x6 JACK STUDS, UNO. LARGER OPENINGS SHALL BE PER PLAN.

ALL CONCRETE EXPOSED TO THE WEATHER SHALL NOT HAVE LESS THAN 5% OR MORE THAN 1% AIR ENTRAINMENT.

ALL FOOTINGS SHALL BEAR AT LEAST 12" BELOW FINISH GRADE.

FOOTINGS AND SLABS ON GRADE SHALL BEAR ON VIRGIN SOIL OR 95% COMPACTED FILL.

PROVIDE CONTROL JOINTS AT ALL INSIDE CORNERS OF SLAB EDGES, AND OTHER LOCATIONS WHERE SLAB CRACKS ARE LIKELY TO DEVELOP. JOINTS SHALL BE LOCATED @ 10'-0" O.C. (RECOMMENDED) OR 15'-0" O.C. (MAXIMUM) JOINT GRID PATTERN SHALL BE AS CLOSE TO SQUARES AS POSSIBLE (1:1 RATIO), WITH A MAXIMUM OF 1:1.5 RATIO CONTROL JOINTS SHALL NOT BE INSTALLED IN STRUCTURAL SLABS

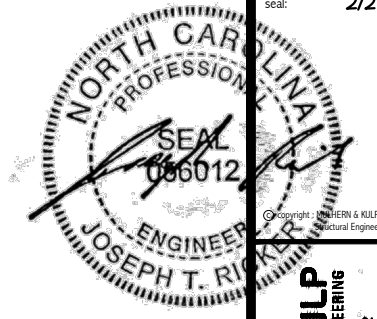
CONCRETE MASONRY UNITS (CMU) SHALL BE ASTM C90 WITH A MIN. COMPRESSIVE STRENGTH OF 1900 psi (Fm=1500 psi). MORTAR SHALL BE ASTM C270, TYPE S. CMU DESIGN PER ACI 530 & 530.1.

CMU FOUNDATION WALLS SHALL HAVE 'DUR-O-WALL' HORIZONTAL JOINT REINFORCEMENT (OR EQUAL) - 9 GA. MINIMUM @ 16" O.C.

PROVIDE 2x8 x 16" LONG P.T. PLATE ON TOP OF ALL CRAWL SPACE PIERS. ALL PIERS SHALL BE GROUTED SOLID.

PROVIDE 2x6 P.T. PLATE ON INTERIOR CRAWL SPACE WALLS, FASTENED PER ANCHORAGE SPECIFICATION NOTED ABOVE.

DIMENSIONS BY OTHERS, BUILDER TO VERIFY. BUILDER TO VERIFY THAT MODEL HAS BEEN ADEQUATELY TREATED BY A LICENSED AND BONDED PEST CONTROL COMPANY FOR SUBTERRANEAN TERMITES. METHOD AND TYPE OF TREATMENT TO BE DETERMINED BY PEST CONTROL COMPANY.



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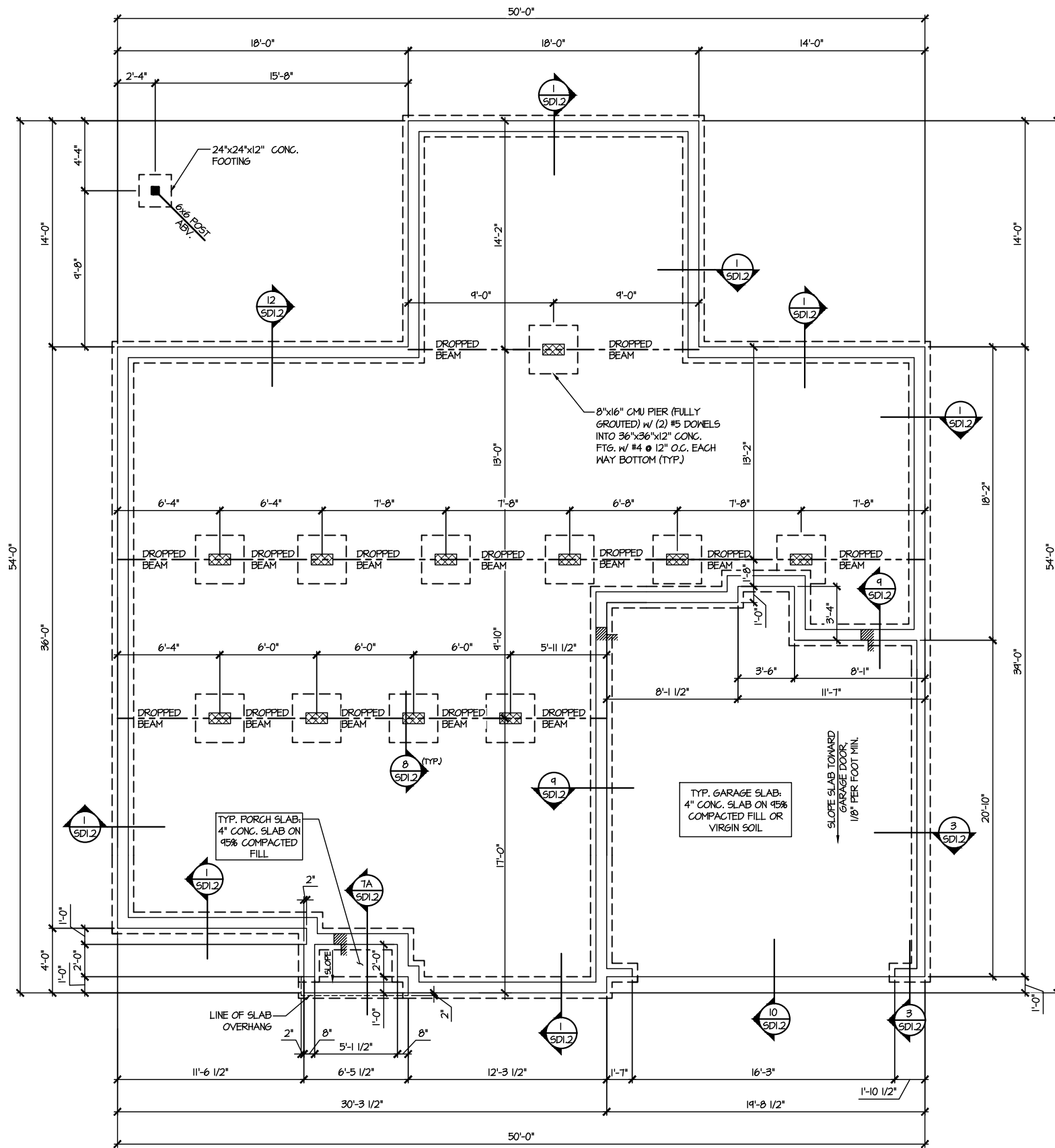
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FOUNDATION PLANS
HONEYCUTT HILLS
LOT 43 - STONEFIELD 6
RALEIGH, NC

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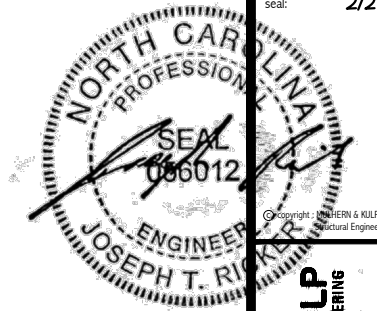
S1.0



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 SO.0 FOR
TYPICAL STRUCTURAL NOTES
& SCHEDULES



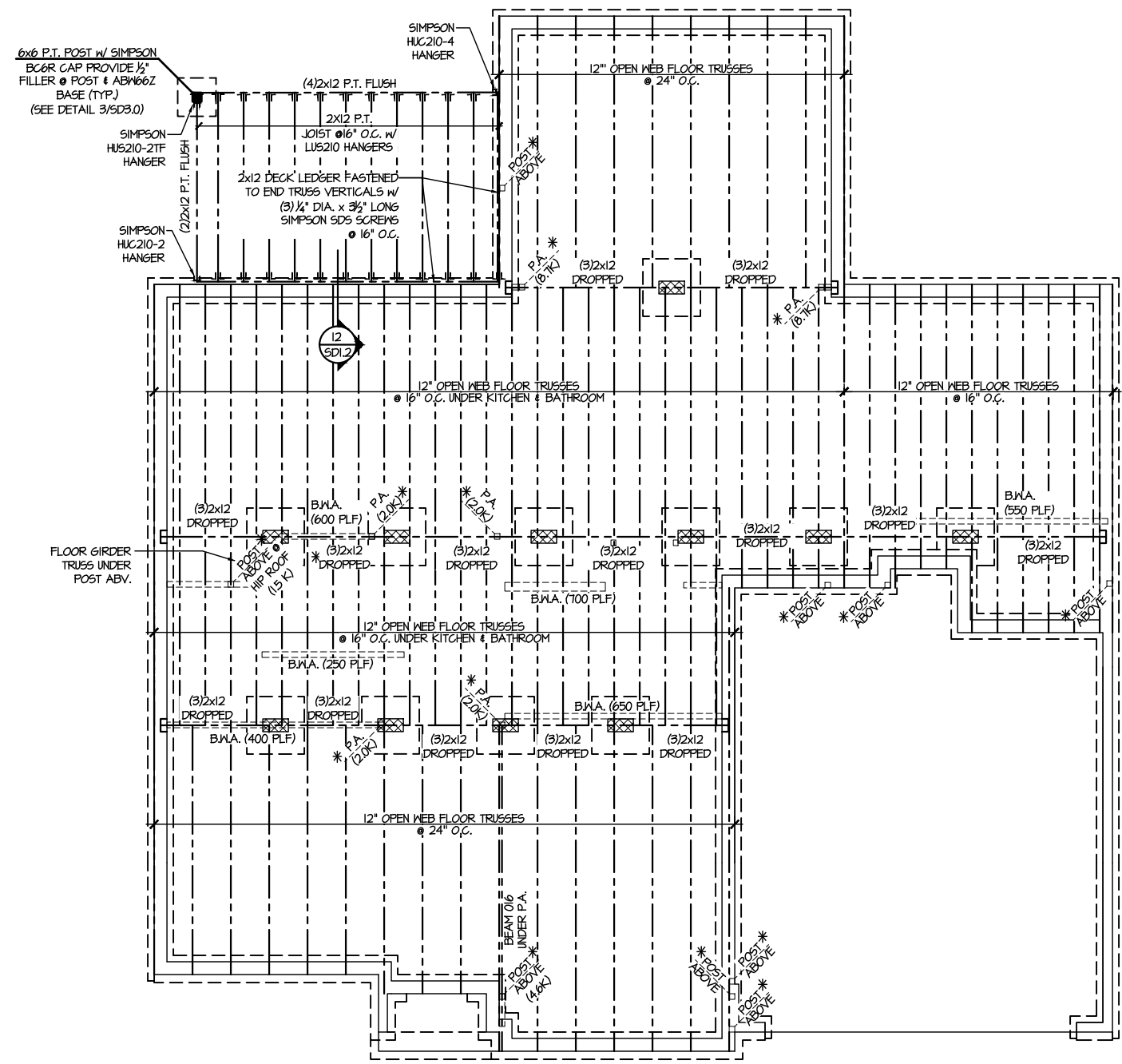
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FLOOR FRAMING PLANS
HONEYCUTT HILLS
LOT 43 - STONEFIELD 6
RALEIGH, NC

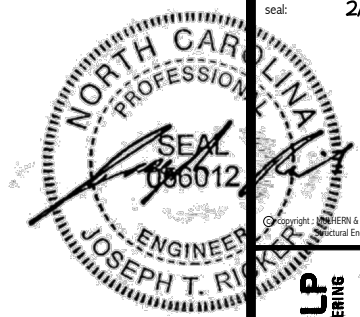
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1 1ST FLOOR FRAMING PLAN (CRAWLSPACE)
SCALE: 1/8"=1'-0"

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 SO.0 FOR
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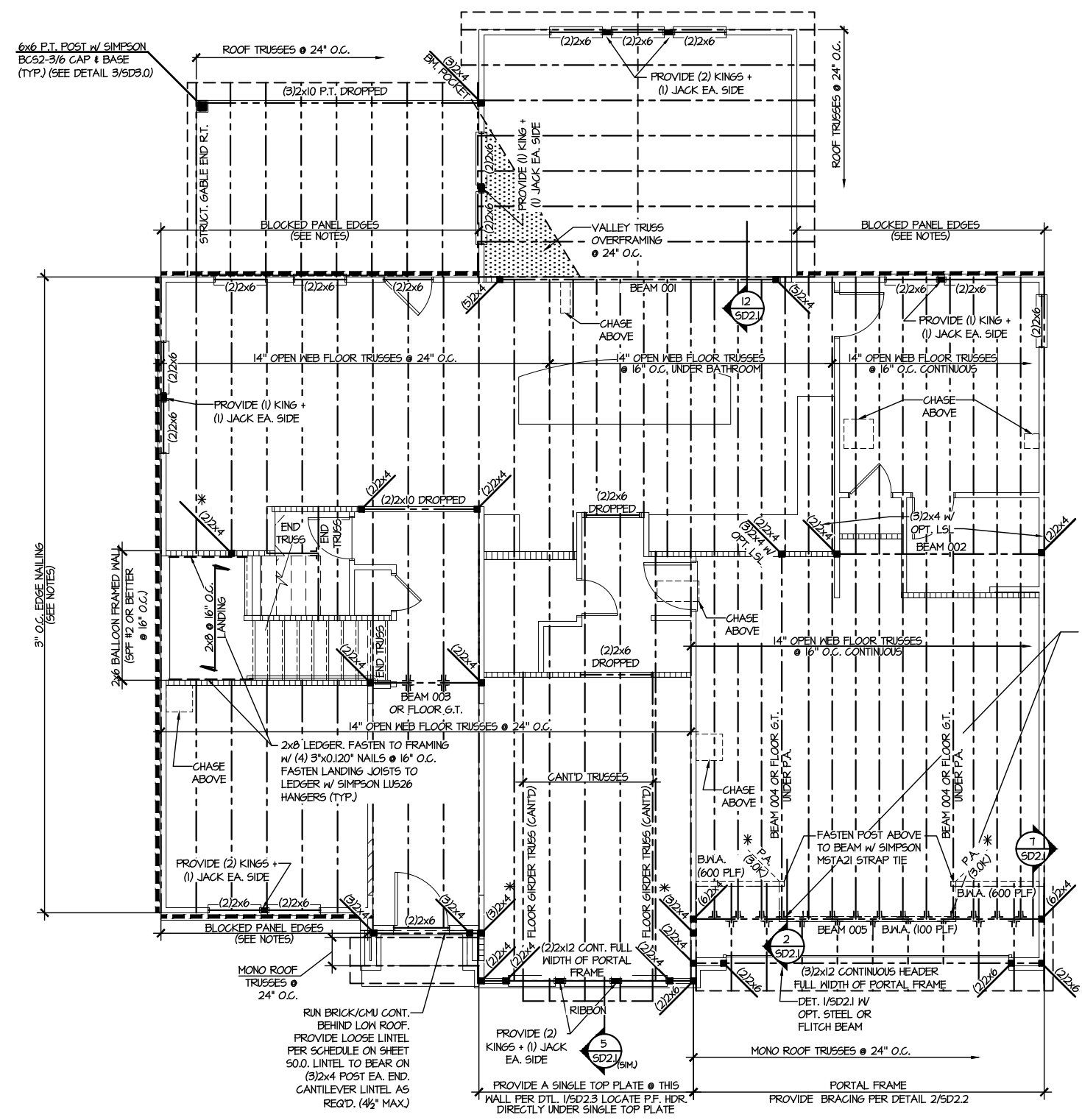


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FLOOR FRAMING PLANS
HONEYCUTT HILLS
LOT 43 - STONEFIELD 6
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S3.0



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

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

LEGEND

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

REFER TO 50.0 FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

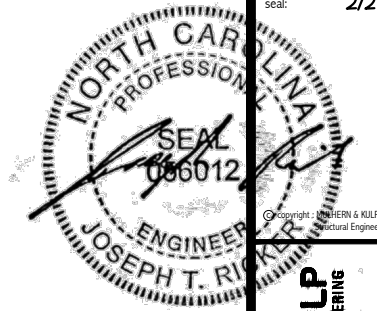
ENGINEERED BEAM MATERIAL SCHEDULE

BEAM NUMBER	LVL OPTION	PSL OPTION	LSL OPTION	FLITCH OPTION	STEEL OPTION
001	(2)3/4"x16" - D	3/5"x16" - D	N/A	(2)2x12 + (1) 3/8"x1/4" STEEL FLITCH PLATES - D	W12x14 - D
002	(2)3/4"x11 1/2" - D	3/5"x11 1/2" - D	(3)3/4"x11 1/2" - D	(2)2x12 + (1) 1/4"x1/4" STEEL FLITCH PLATES - D	W12x14 - D
003	(2)3/4"x14" - F	3/5"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 1/4"x1/4" STEEL FLITCH PLATES - F	W12x14 - F
004	(2)3/4"x14" - F	3/5"x14" - F	(3)3/4"x14" - F	(2)2x12 + (2) 3/8"x1/4" STEEL FLITCH PLATES - F	W12x14 - F
005	(3)3/4"x18" - FT	3/4"x18" - FT	N/A	(3)2x12 + (2) 3/8"x1/4" STEEL FLITCH PLATES - F	W12x26 - F
006	(3)3/4"x18" - FT	3/4"x18" - FT	N/A	(3)2x12 + (2) 3/8"x1/4" STEEL FLITCH PLATES - F	W12x26 - F
007	(2)3/4"x14" - F	3/5"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 1/4"x1/4" STEEL FLITCH PLATES - F	W12x14 - F
008	(2)3/4"x14" - F	3/5"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 1/4"x1/4" STEEL FLITCH PLATES - F	W12x14 - F
009	(2)3/4"x9 1/2" - D	3/5"x9 1/2" - D	(2)3/4"x9 1/2" - D	(2)2x10 + (1) 1/4"x1/4" STEEL FLITCH PLATES - D	W10x12 - D
010	(2)3/4"x16" - H	3/5"x16" - H	(3)3/4"x16" - H	(3)2x12 + (2) 3/8"x1/4" STEEL FLITCH PLATES - H	N/A
011	(2)3/4"x11 1/2" - D	3/5"x11 1/2" - D	(3)3/4"x11 1/2" - D	(2)2x12 + (1) 1/4"x1/4" STEEL FLITCH PLATES - D	W12x14 - D
012	(3)3/4"x16" - D	3/4"x16" - D	(4)3/4"x16" - D	(3)2x12 + (2) 3/8"x1/4" STEEL FLITCH PLATES - D	W12x19 - D
013	(2)3/4"x11 1/2" - D	3/5"x11 1/2" - D	(3)3/4"x11 1/2" - D	(2)2x12 + (1) 1/4"x1/4" STEEL FLITCH PLATES - D	W12x14 - D
014	(2)3/4"x16" - D	3/5"x16" - D	(3)3/4"x16" - D	(3)2x12 + (2) 3/8"x1/4" STEEL FLITCH PLATES - D	W12x14 - D
015***	(3)3/4"x11 1/2" - D	N/A	(3)3/4"x11 1/2" - D	(3)2x12 + (2) 3/8"x1/4" STEEL FLITCH PLATES - D	W12x14 - D
016	(2)3/4"x11 1/2" - F	3/5"x11 1/2" - F	(3)3/4"x11 1/2" - F	(2)2x12 + (1) 1/4"x1/4" STEEL FLITCH PLATES - F	W12x14 - 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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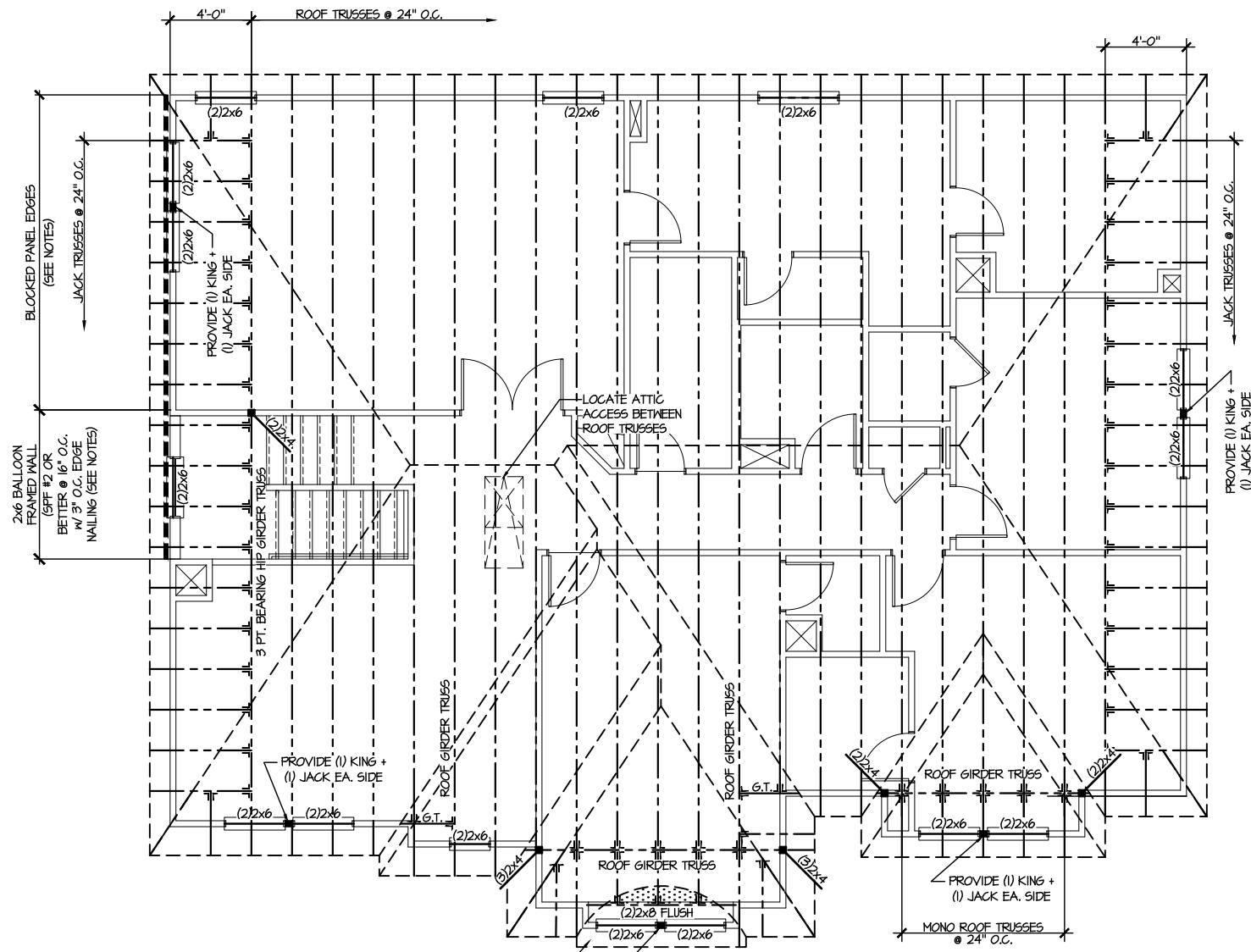
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ROOF FRAMING PLANS
HONEYCUTT HILLS
LOT 43 - STONEFIELD 6
RALEIGH, NC

sheet:
S4.0

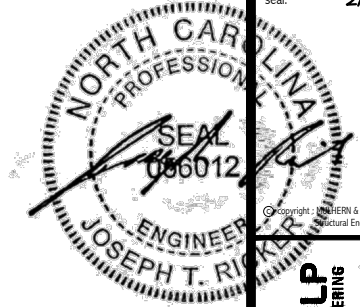


CURVED PLYWOOD RAFTERS @ 16" O.C. (3) PLYS OF 3/4" PLYWOOD RIPPED ON RADIUS (1 1/4" MIN. DEPTH), FASTEN TOGETHER W/ CONSTRUCTION ADHESIVE & (2) ROWS OF #8 WOOD SCREWS @ 6" O.C. STAGGER SPLICES 24" MIN. WHERE REQ'D & DO NOT LOCATE WITHIN 24" FROM END

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 SO.0 FOR
TYPICAL STRUCTURAL NOTES
& SCHEDULES



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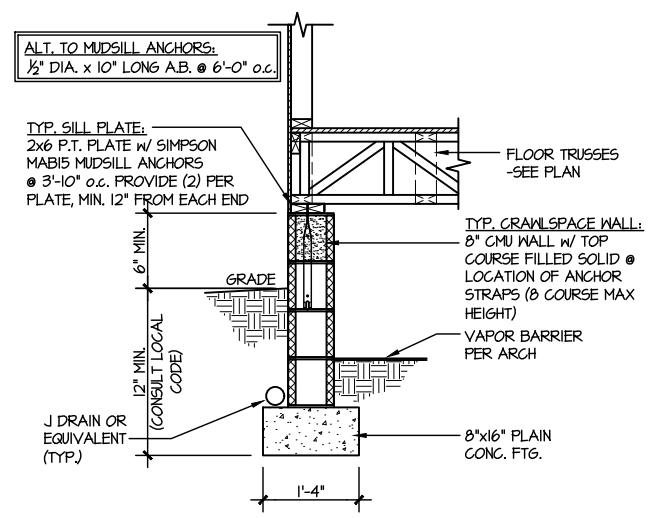
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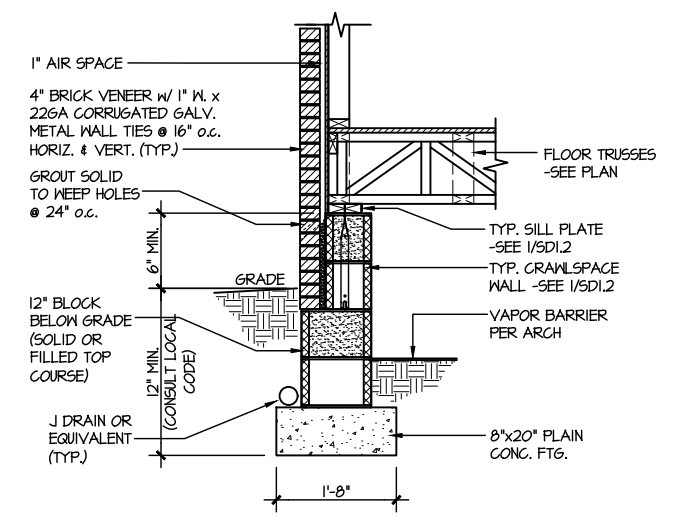
FOUNDATION DETAILS
HONEYCUTT HILLS
LOT 43 - STONEFIELD 6
RALEIGH, NC

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SD1.2

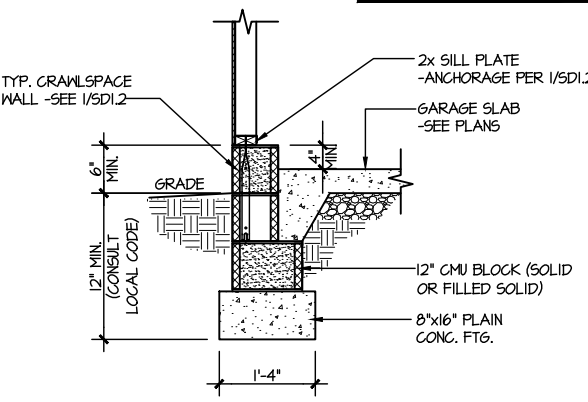
LETTERED DETAILS ARE TYPICAL FOR THIS HOME & SHALL BE IMPLEMENTED IN ALL APPLICABLE AREAS. THESE DETAILS ARE NOT "CUT" ON THE PLANS.
NUMBERED DETAILS ARE PLAN SPECIFIC AND ARE ONLY REQUIRED WHERE SPECIFICALLY INDICATED ("CUT") ON THE PLANS.



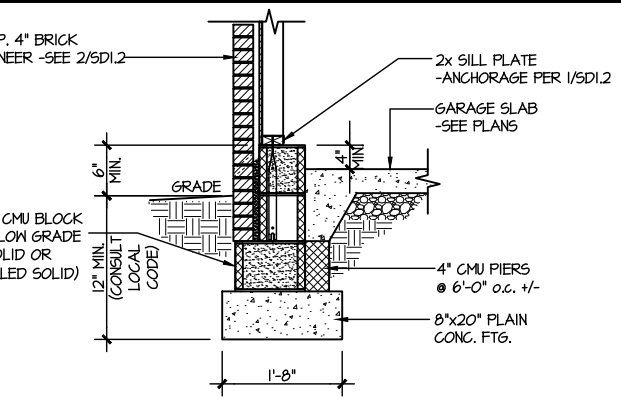
1 TYPICAL CRAWLSPACE FOUNDATION
SCALE: 3/8"=1'-0"



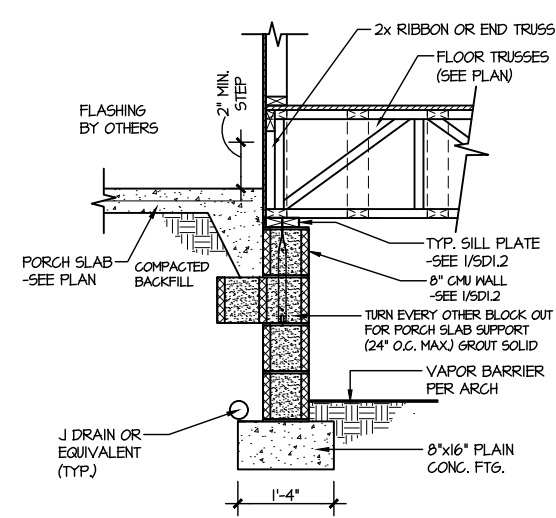
2 TYPICAL CRAWLSPACE FOUNDATION
SCALE: 3/8"=1'-0" W/ BRICK VENEER



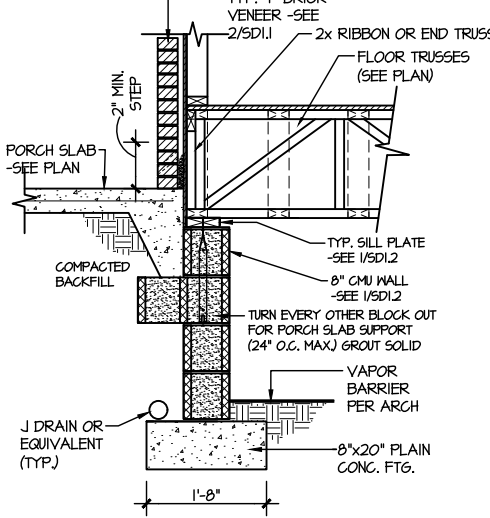
3 TYPICAL GARAGE FOUNDATION
SCALE: 3/8"=1'-0"



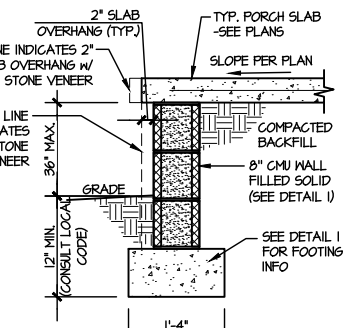
4 TYPICAL GARAGE FOUNDATION
SCALE: 3/8"=1'-0" W/ BRICK VENEER



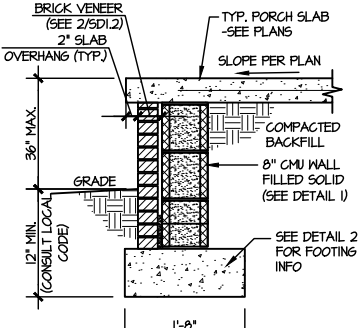
5 TYPICAL CRAWLSPACE FOUNDATION @ PORCH/PATIO SLAB
SCALE: 3/8"=1'-0"
(REFER TO DETAIL 12 FOR WOOD PORCH OPTION)



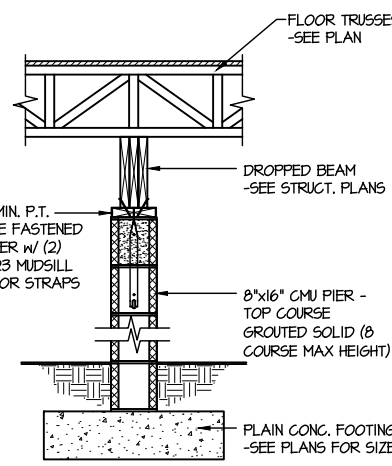
6 TYPICAL CRAWLSPACE FOUNDATION @ PORCH/PATIO SLAB
SCALE: 3/8"=1'-0" W/ BRICK VENEER



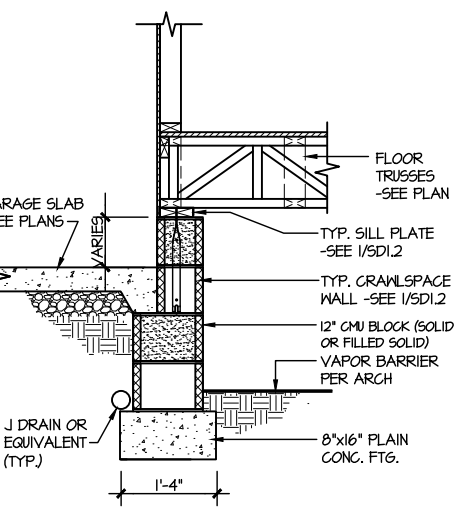
7A TYP. FOOTING @ PORCH SLAB
SCALE: 3/8"=1'-0"



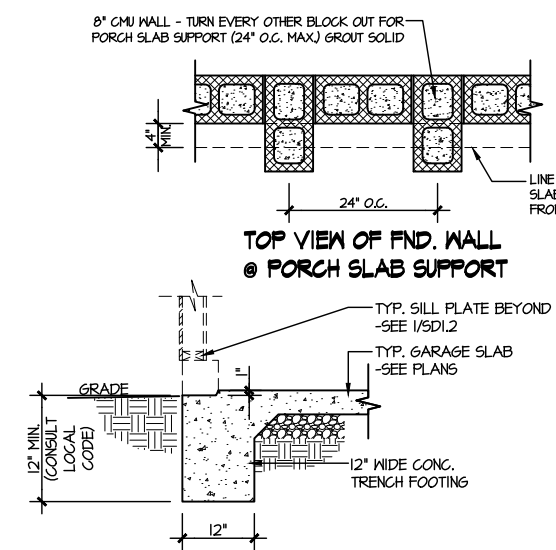
7B TYP. FOOTING @ PORCH SLAB
SCALE: 3/8"=1'-0" W/ BRICK VENEER



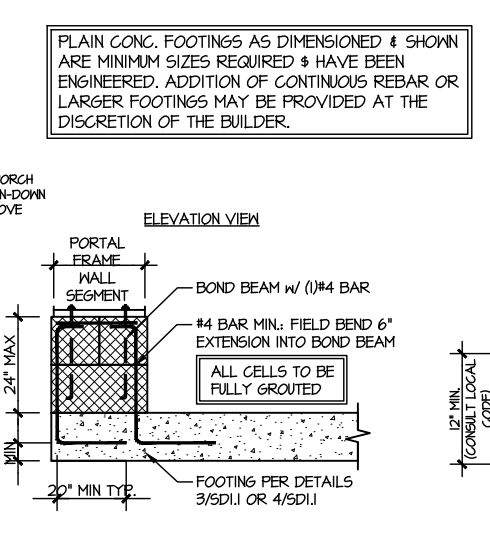
8 TYPICAL CRAWLSPACE FND. @ INTERIOR PIER
SCALE: 3/8"=1'-0"



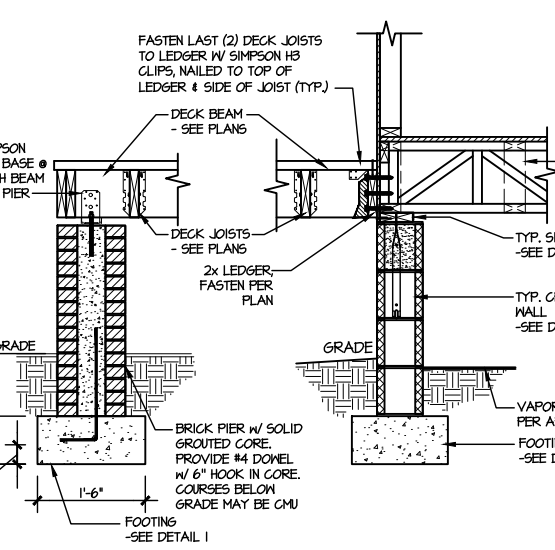
9 TYPICAL CRAWLSPACE FOUNDATION @ GARAGE
SCALE: 3/8"=1'-0"



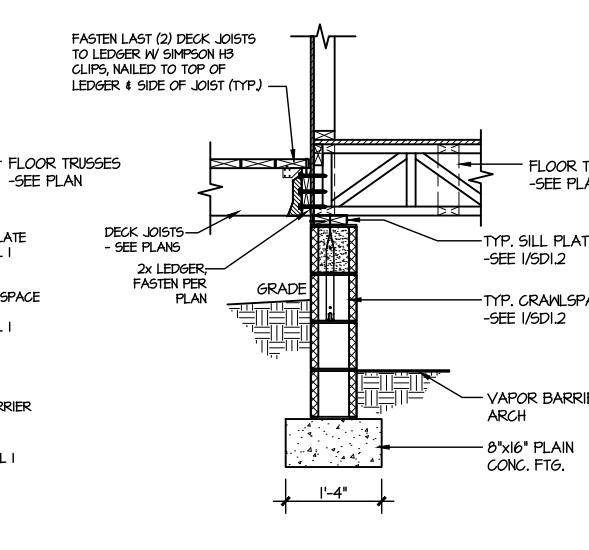
10 TYPICAL SLAB ON GRADE GARAGE ENTRY @ PERIMETER FOOTING
SCALE: 3/8"=1'-0"



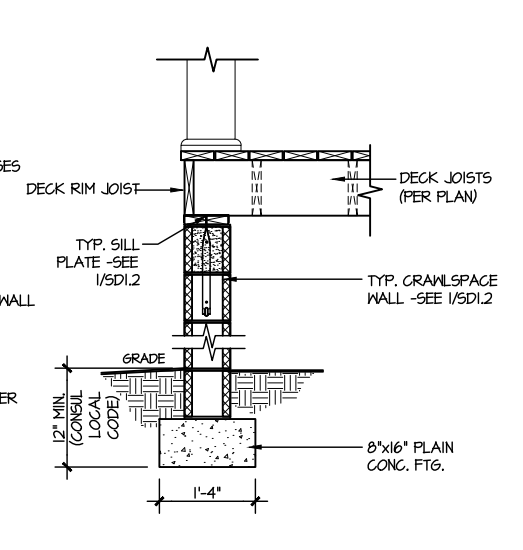
A GARAGE PORTAL FRAME STEM WALL REINFORCEMENT
SCALE: 3/8"=1'-0"



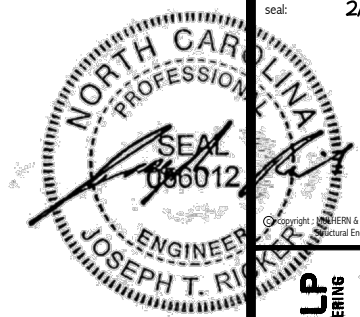
11 TYPICAL CRAWLSPACE FOUNDATION @ WOOD PORCH/DECK W/ PIERS
SCALE: 3/8"=1'-0"



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"



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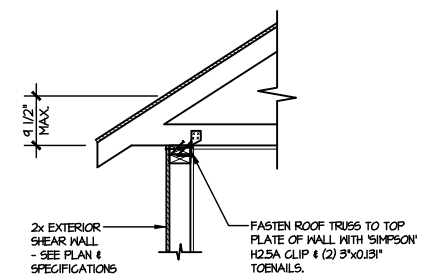
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project mgr: JTR
drawn by: KFG
issue date: 02-15-24

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date: initial:

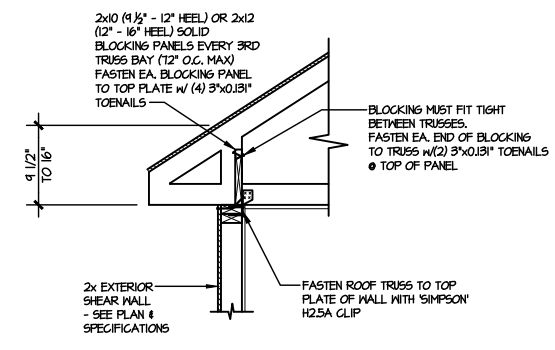
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FRAMING DETAILS
HONEYCUTT HILLS
LOT 43 - STONEFIELD 6
RALEIGH, NC

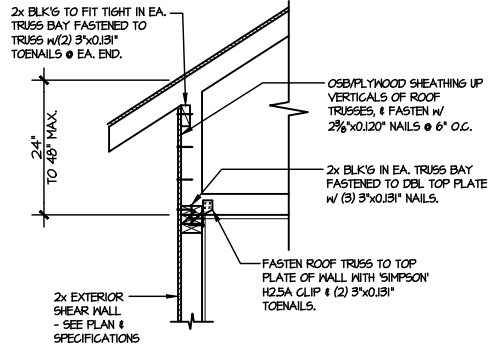
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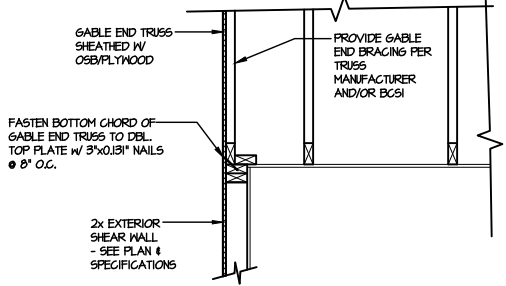
(AI) TYPICAL SHEAR TRANSFER DETAIL @ ROOF
SCALE: 3/8"=1'-0"
HEEL HEIGHT LESS THAN 4 1/2"
NO BLOCKING REQ'D



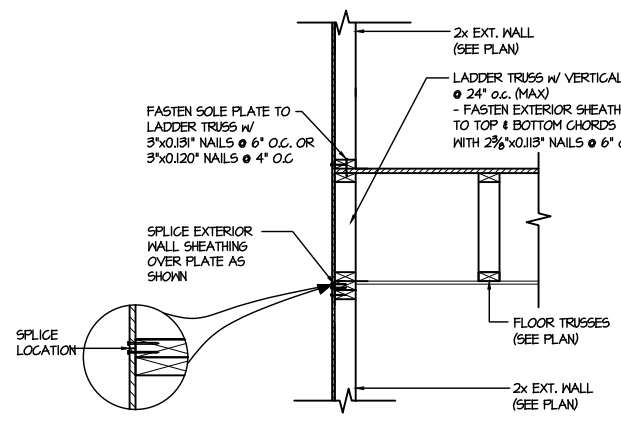
(A2) TYPICAL SHEAR TRANSFER DETAIL @ ROOF
SCALE: 3/8"=1'-0"
HEEL HEIGHT BETWEEN 4 1/2" - 16"
BLOCKING REQ'D



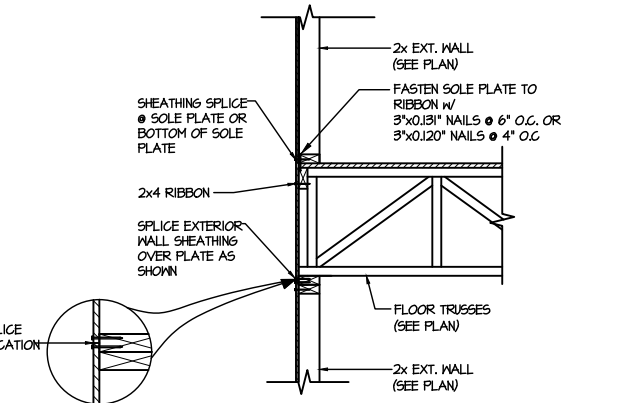
(AB) TYPICAL SHEAR TRANSFER DETAIL @ RAISED HEEL TRUSS
SCALE: 3/8"=1'-0"
HEEL HEIGHT UP TO 48" MAX.



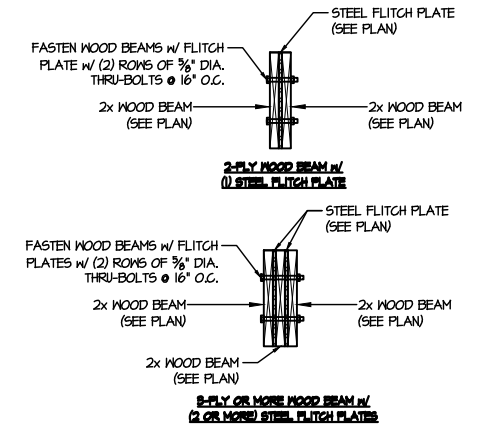
(B) TYPICAL GABLE END DETAIL
SCALE: 3/8"=1'-0"



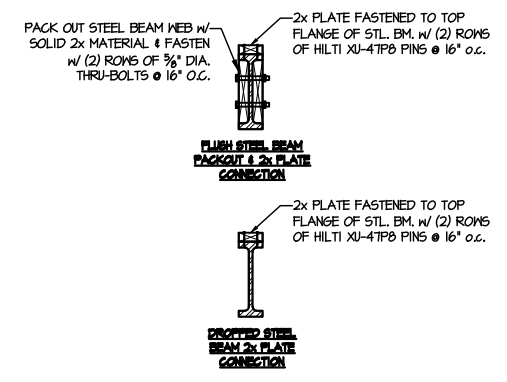
(C1) TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL
SCALE: 3/8"=1'-0"
PARALLEL FRAMING



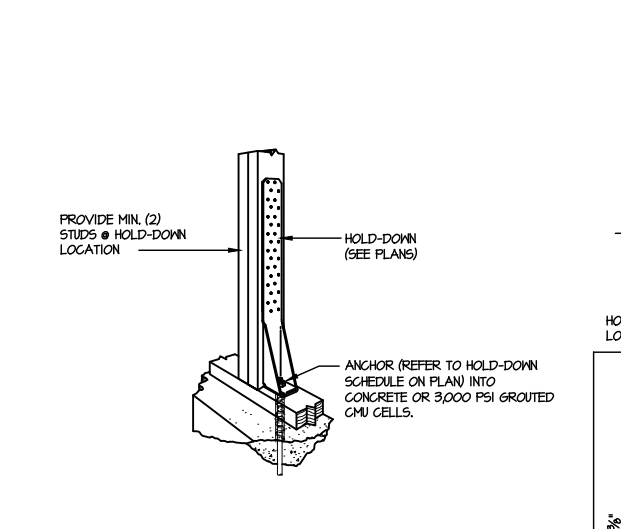
(C2) TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL
SCALE: 3/8"=1'-0"
PERPENDICULAR FRAMING



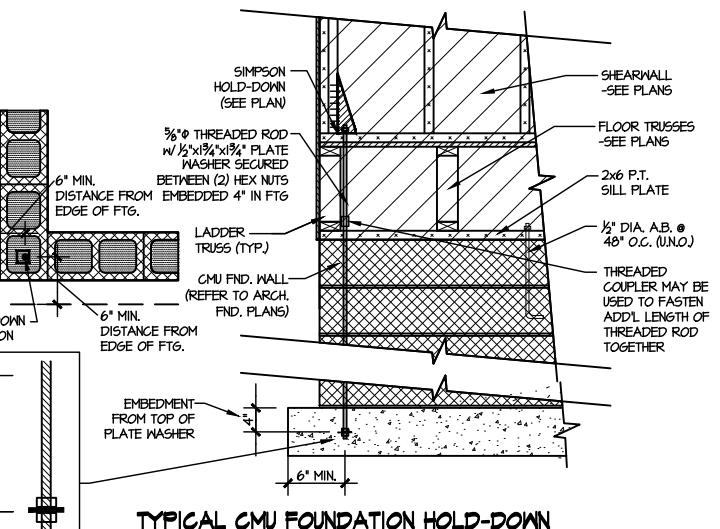
(D) TYPICAL FLITCH BEAM CONNECTION DETAIL
SCALE: 3/4"=1'-0"



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



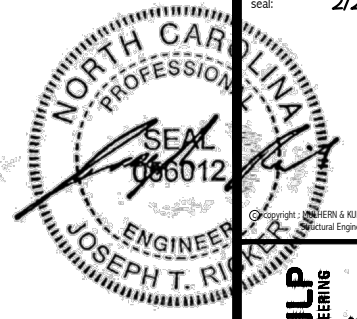
(F1) TYPICAL HOLD DOWN INSTALLATION
SCALE: N.T.S.



(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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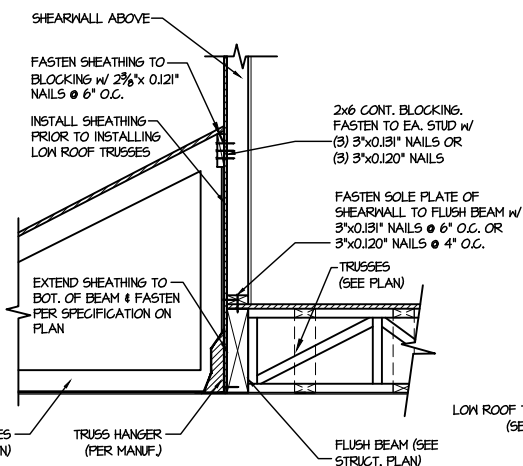
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project mgr: JTR
drawn by: KFG
issue date: 02-15-24

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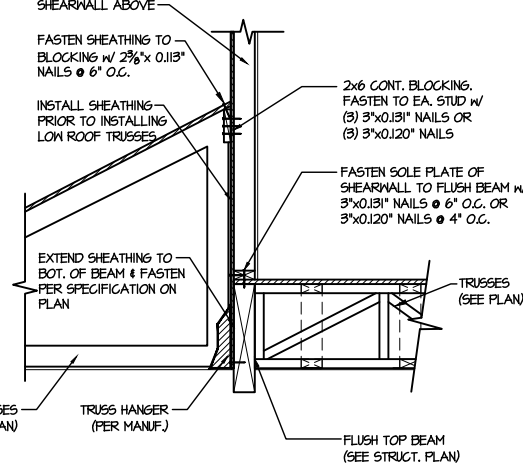
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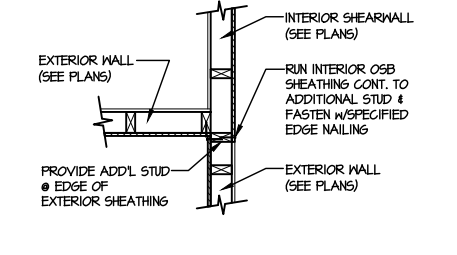
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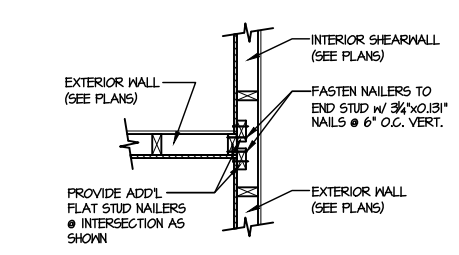
1 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



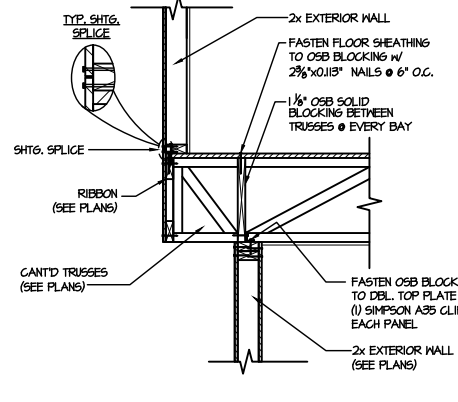
2 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



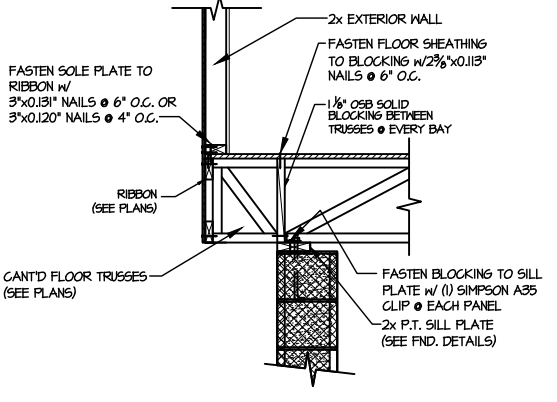
3 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL
SCALE: 3/4"=1'-0" SHTG. OPPOSITE FACE



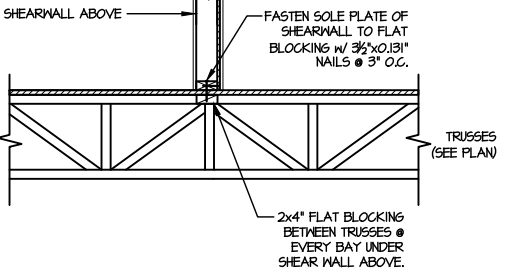
4 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL
SCALE: 3/4"=1'-0" SHTG. ON SAME FACE



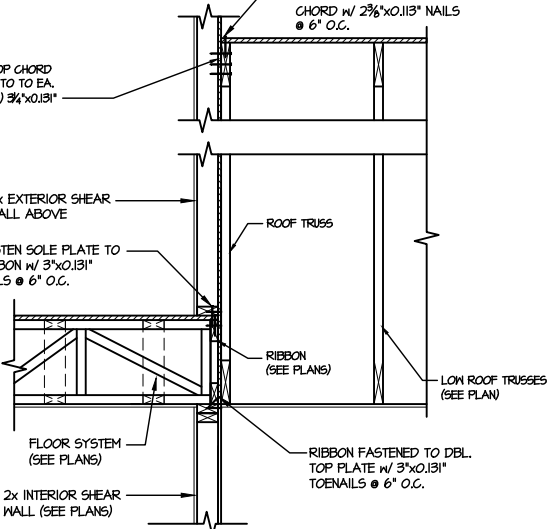
5 SHEAR TRANSFER DETAIL BETWEEN FLOORS @ CANT'D EXT. WALL
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



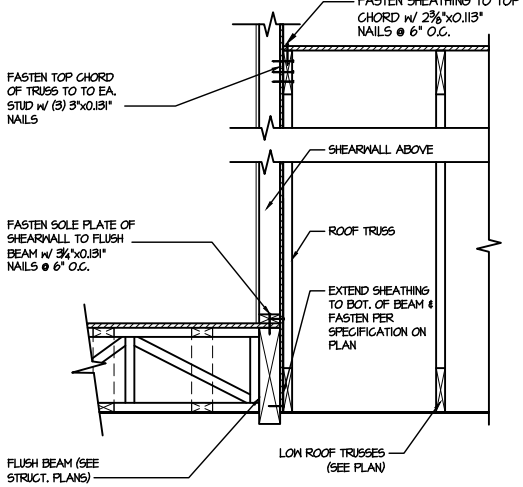
6 SHEAR TRANSFER DETAIL @ CANT'D EXTERIOR WALL
SCALE: 3/4"=1'-0"



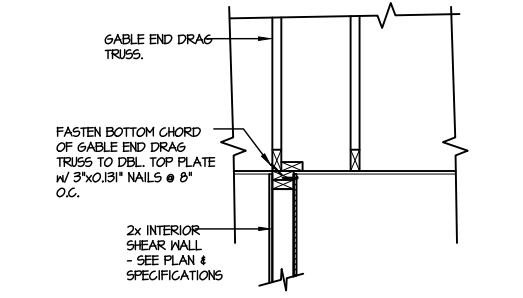
7 SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



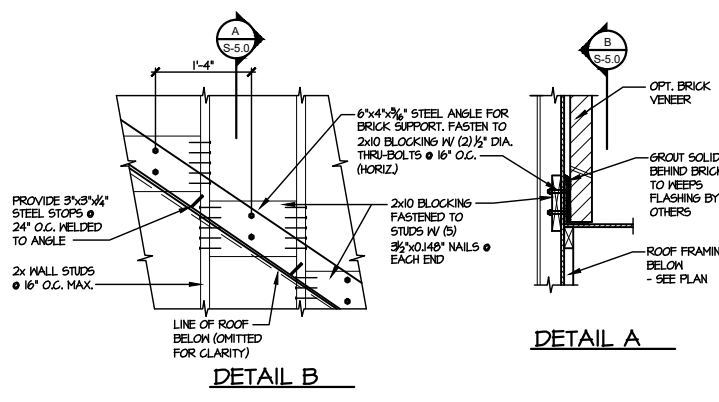
8 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



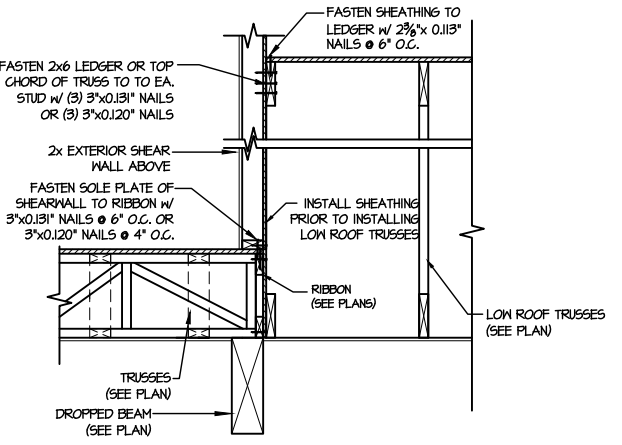
9 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



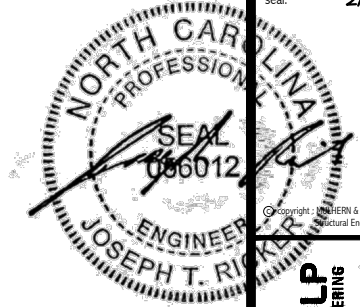
10 INTERIOR GABLE END DETAIL
SCALE: 3/4"=1'-0"



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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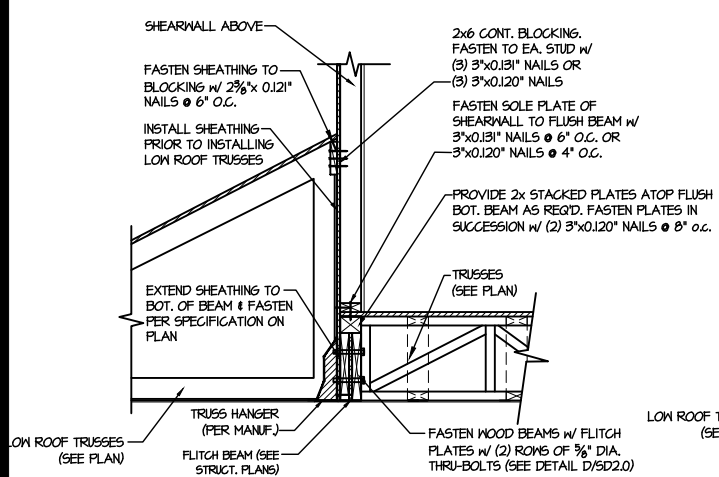
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issue date: 02-15-24

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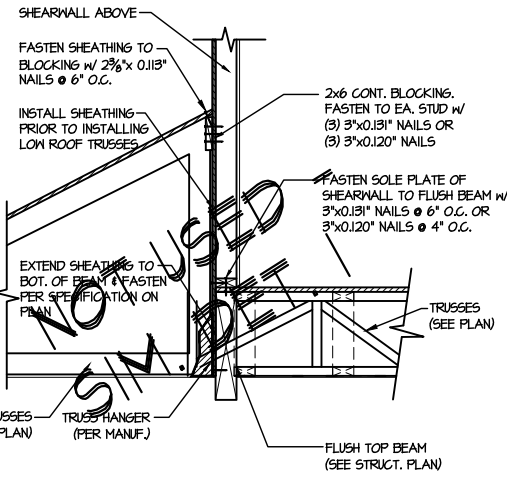
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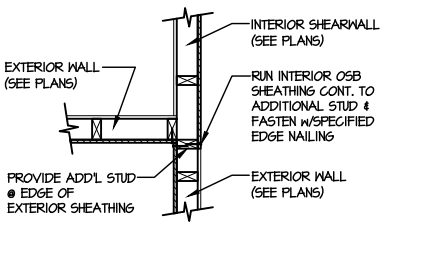
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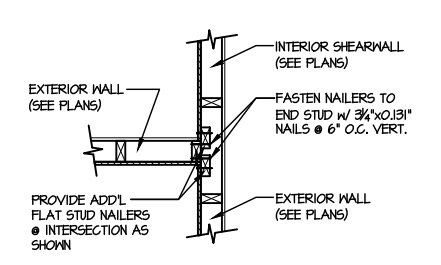
1 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



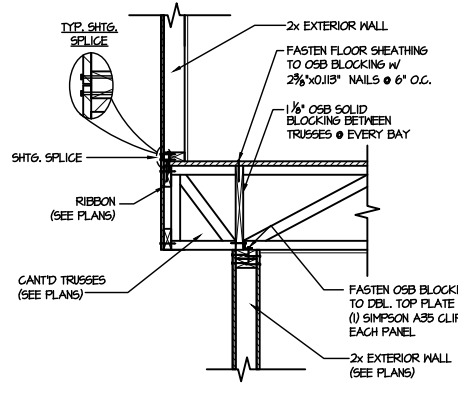
2 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



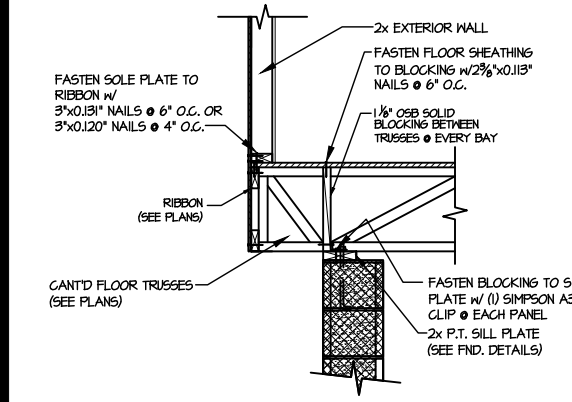
3 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL
SCALE: 3/4"=1'-0" SHTG. OPPOSITE FACES



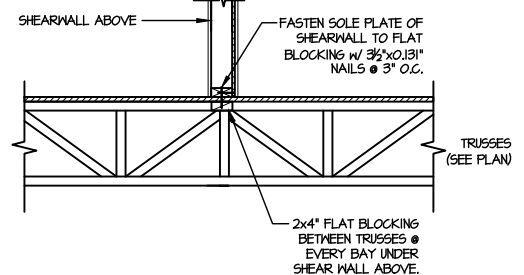
4 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL
SCALE: 3/4"=1'-0" SHTG. ON SAME FACE



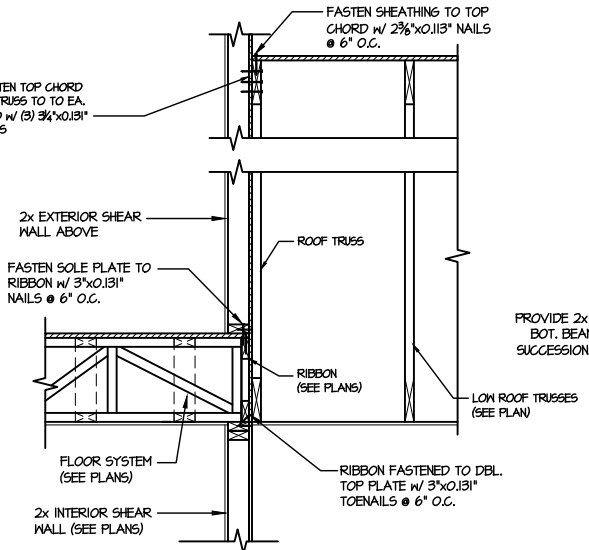
5 SHEAR TRANSFER DETAIL BETWEEN FLOORS @ CANT'D EXT. WALL
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



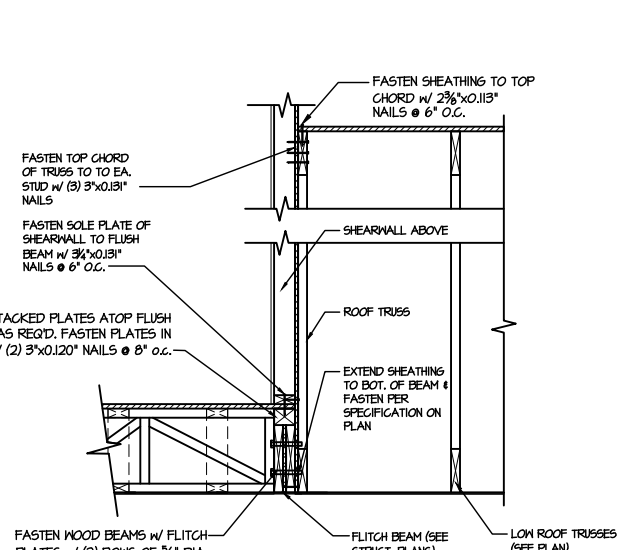
6 SHEAR TRANSFER DETAIL @ CANT'D EXTERIOR WALL
SCALE: 3/4"=1'-0"



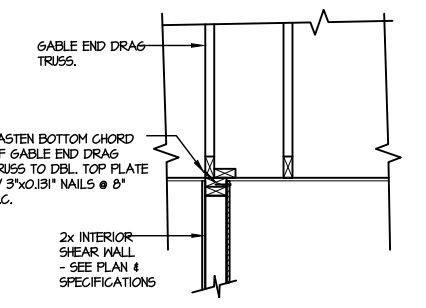
7 SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



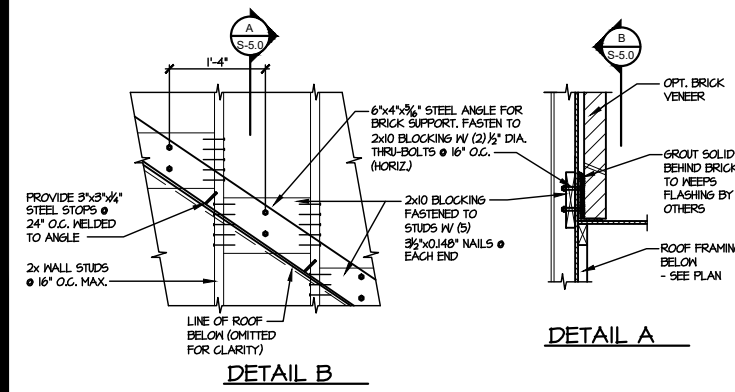
8 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



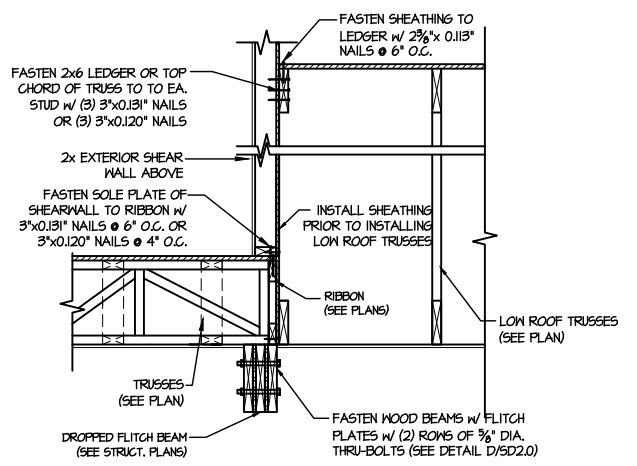
9 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
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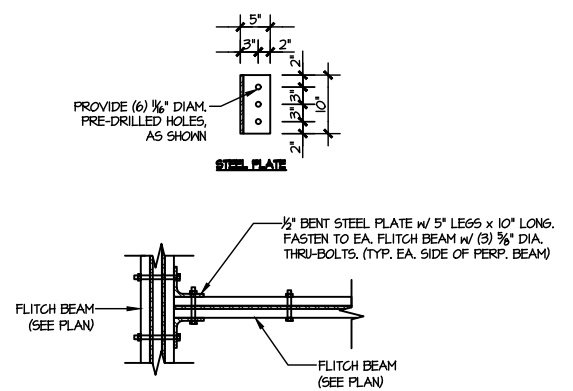
10 INTERIOR GABLE END DETAIL
SCALE: 3/4"=1'-0"



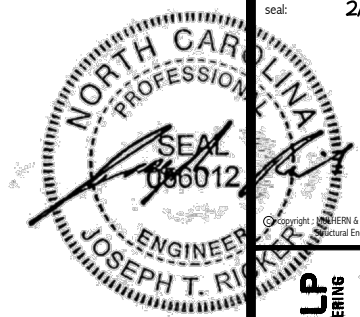
11 DETAIL SUPPORT OF BRICK VENEER
SCALE: 3/4"=1'-0"



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



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



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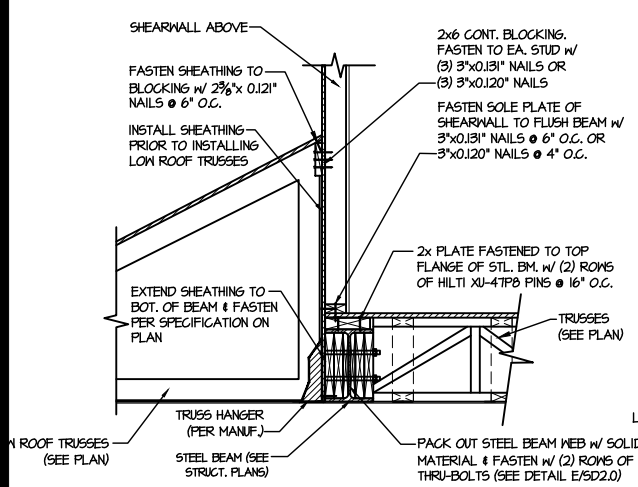
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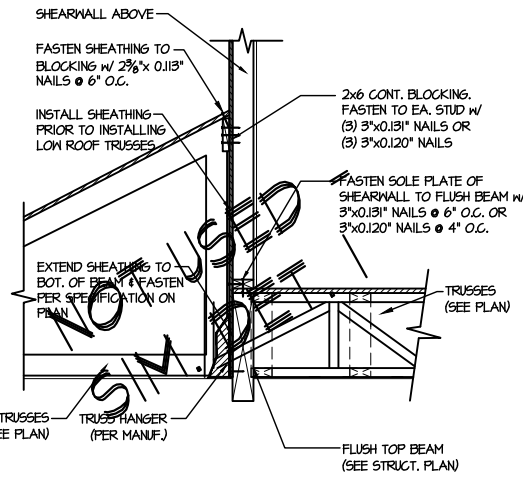
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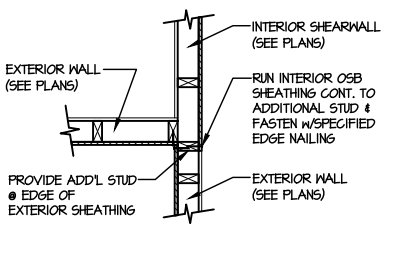
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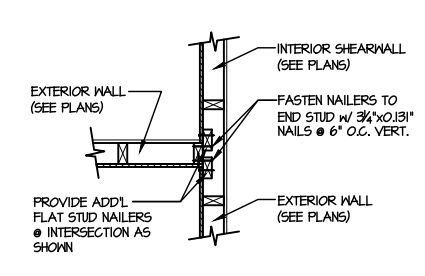
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SCALE: 3/4"=1'-0"



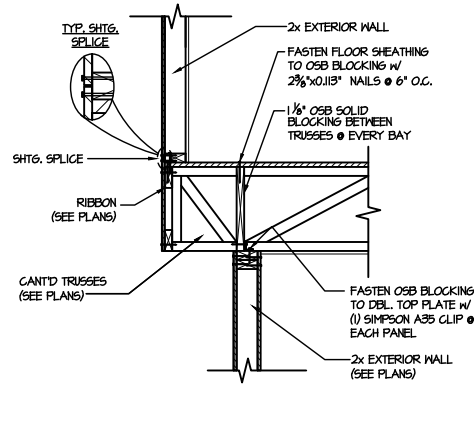
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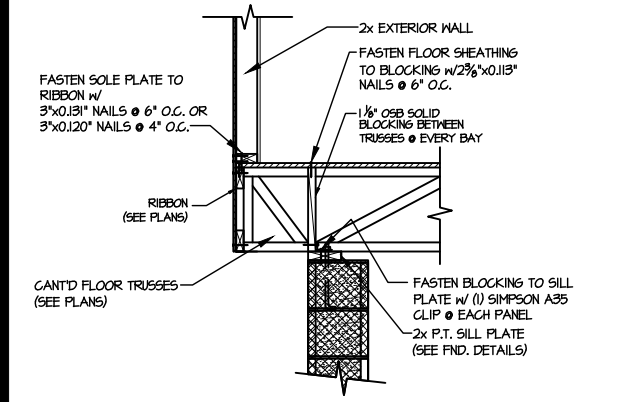
3 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL
SCALE: 3/4"=1'-0" SHTS. OPPOSITE PAGES



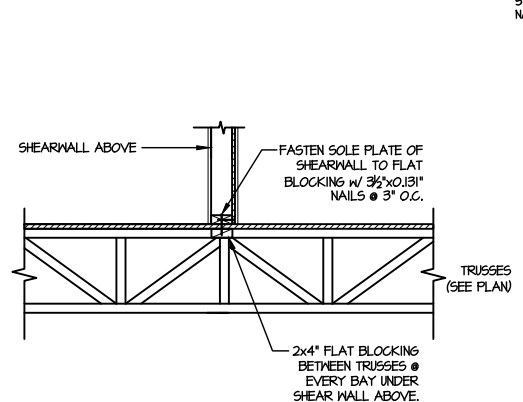
4 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL
SCALE: 3/4"=1'-0" SHTS. ON SAME FACE



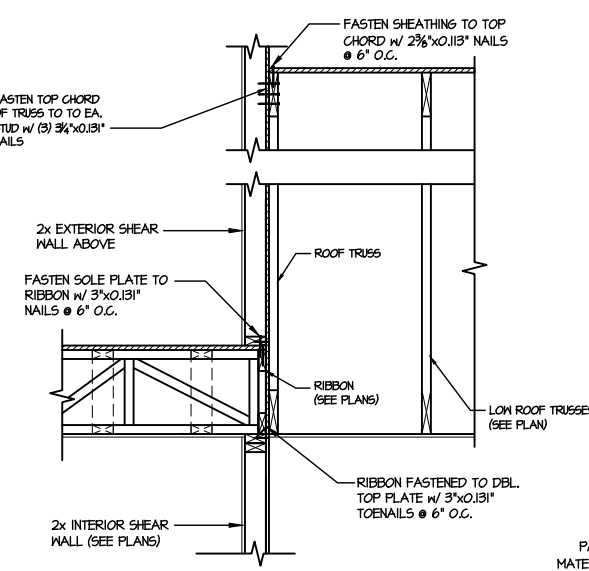
5 SHEAR TRANSFER DETAIL BETWEEN FLOORS @ CANT'D EXT. WALL
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



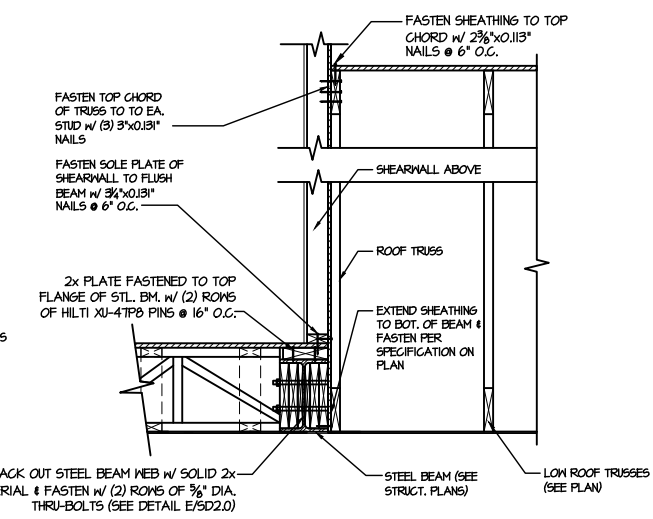
6 SHEAR TRANSFER DETAIL @ CANT'D EXTERIOR WALL
SCALE: 3/4"=1'-0"



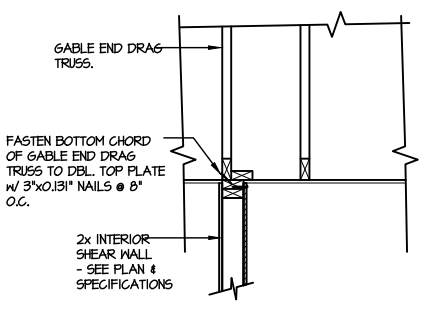
7 SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



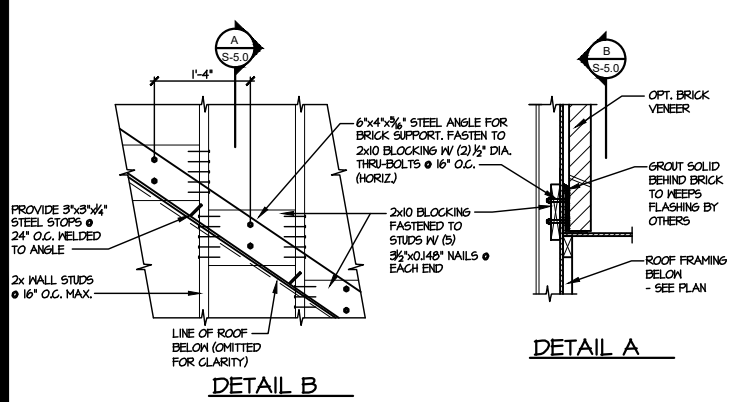
8 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



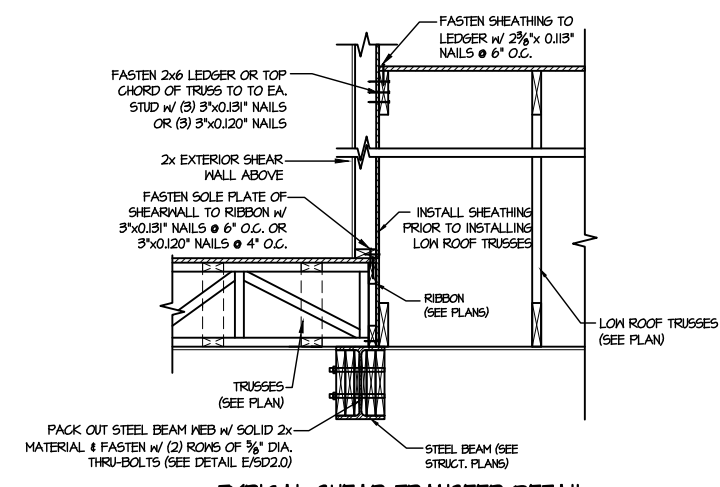
9 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



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

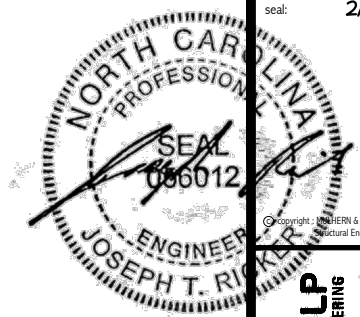


11 DETAIL SUPPORT OF BRICK VENEER
SCALE: 3/4"=1'-0"



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

FILE: RLH - Honeycutt Hills - Lot 43 - Structural DATE: 2/27/2024 2:45 PM



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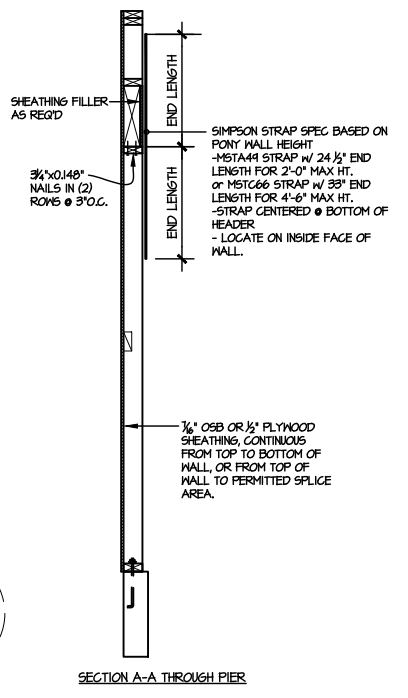
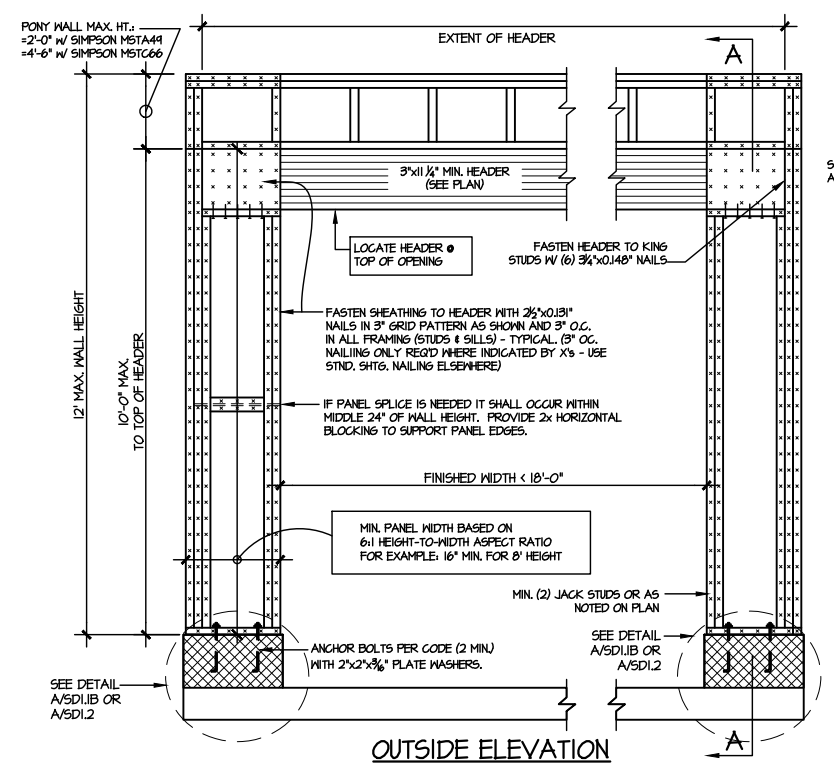
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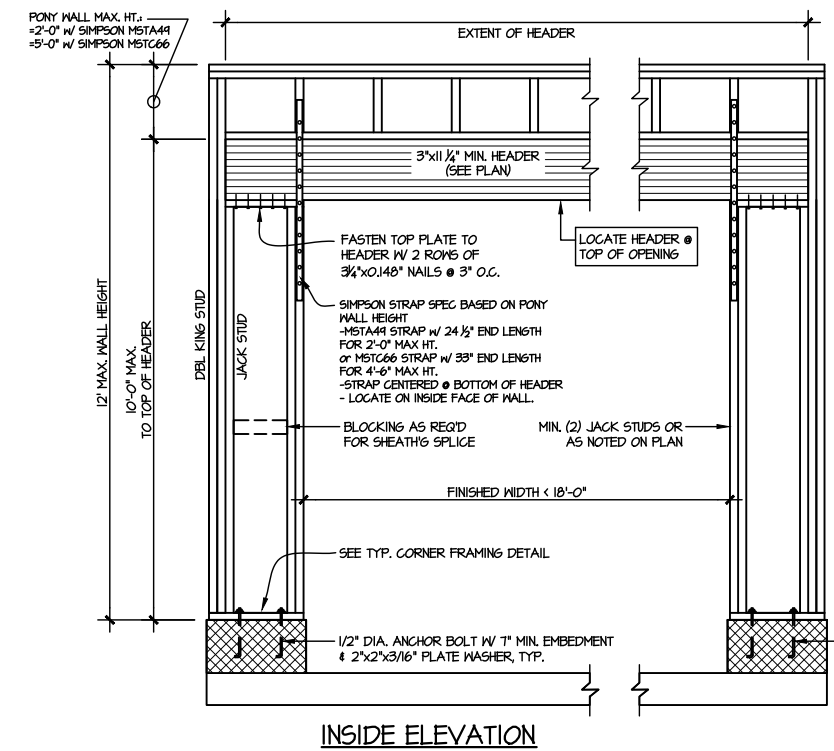
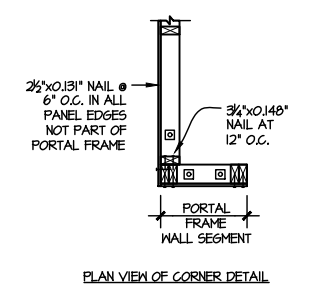


FRAMING DETAILS
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LOT 43 - STONEFIELD 6
RALEIGH, NC

sheet:
SD2.2

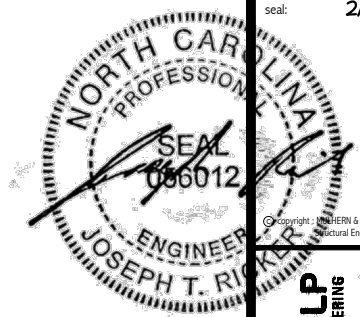


NOTE: ALL SHEATHABLE AREAS OF EXTERIOR WALL SHALL BE FULLY SHEATHED WITH 1/2" PLYWOOD OR 1/4" OSB



ALTERNATIVE TO 1/2" DIA. ANCHOR BOLT: 1/2" DIA. THREADED ROD EPOXY SET w/ 4 1/2" 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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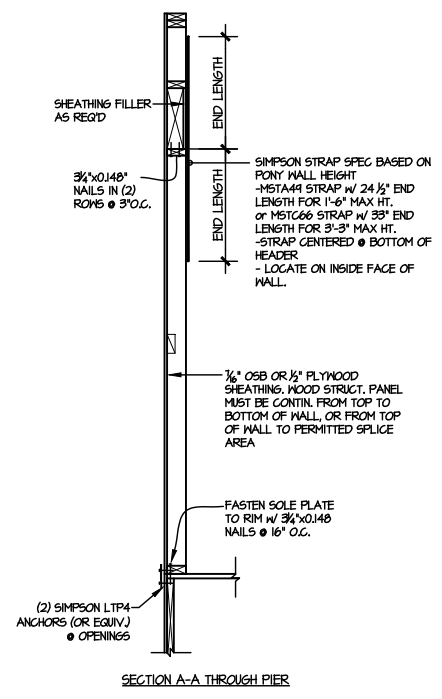
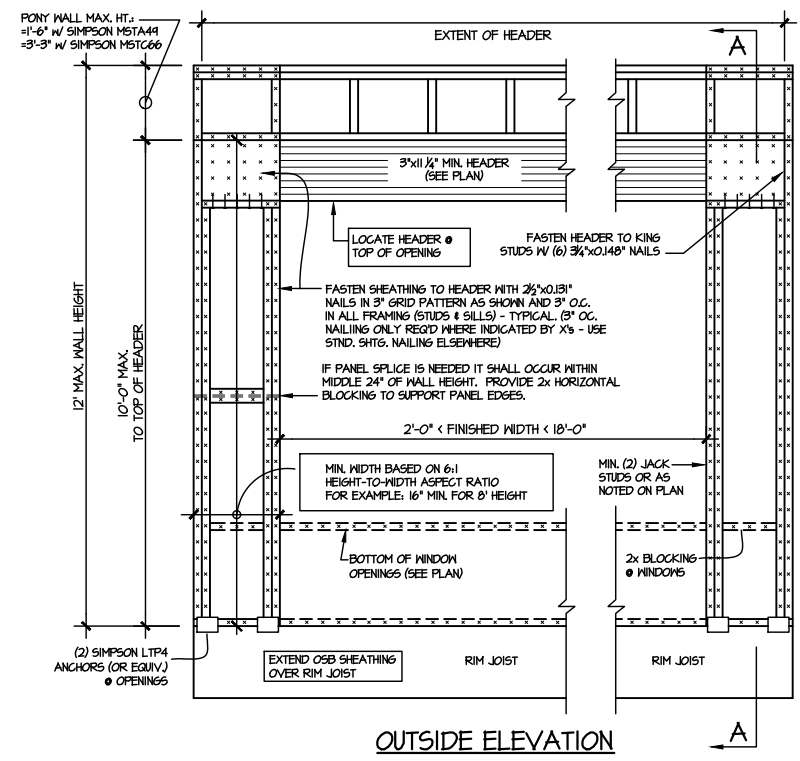
M&K project number:
126-23047
project mgr: JTR
drawn by: KFG
issue date: 02-15-24

REVISIONS:
date: initial:

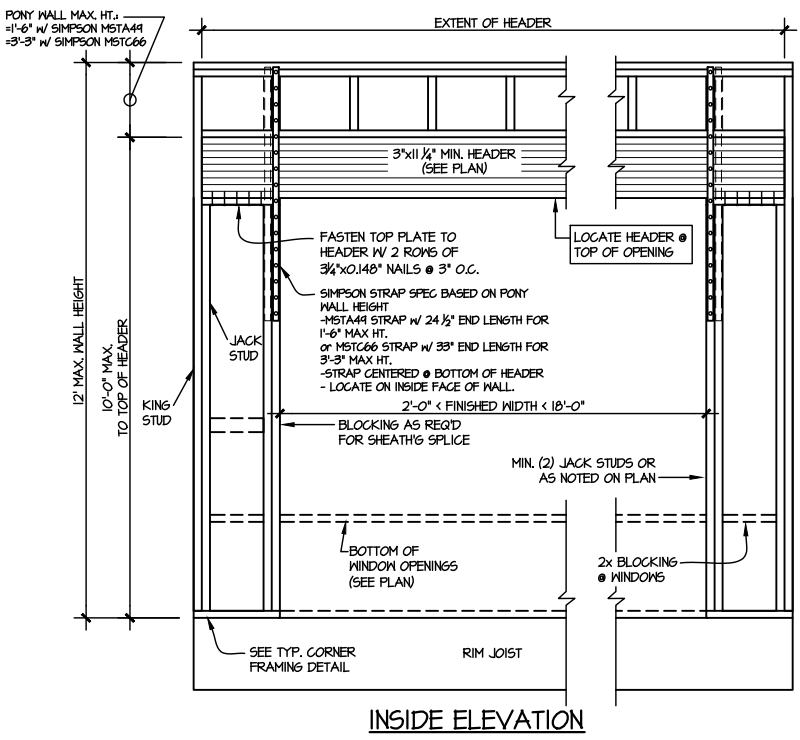
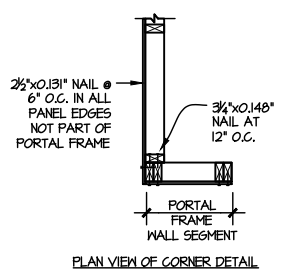


FRAMING DETAILS
HONEYCUTT HILLS
LOT 43 - STONEFIELD 6
RALEIGH, NC

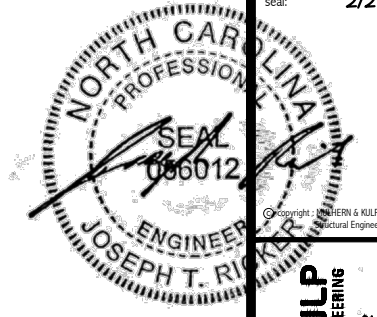
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SD2.3



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



DOOR/WINDOW PORTAL FRAME BRACING ELEVATION
SCALE: N.T.S. BOTH SIDES OF OPENING



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NC LIC. #C-3825



M&K project number:
126-23047

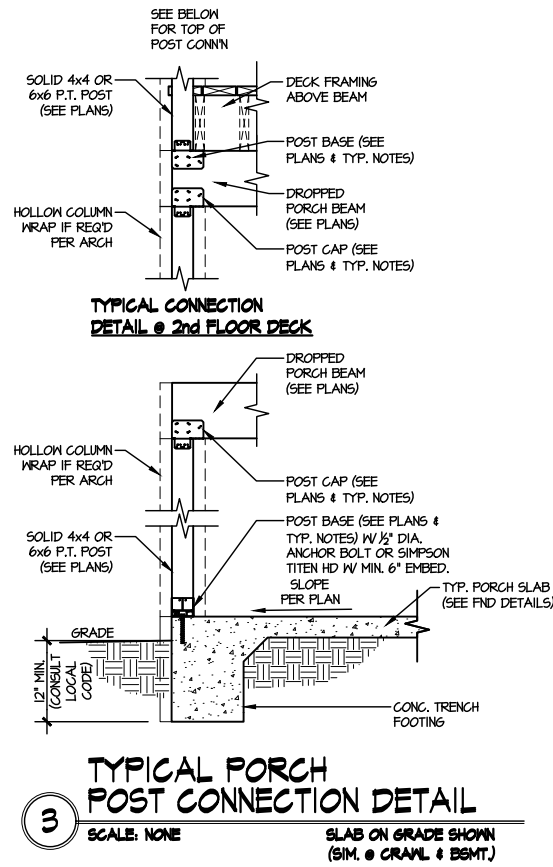
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drawn by: KFG
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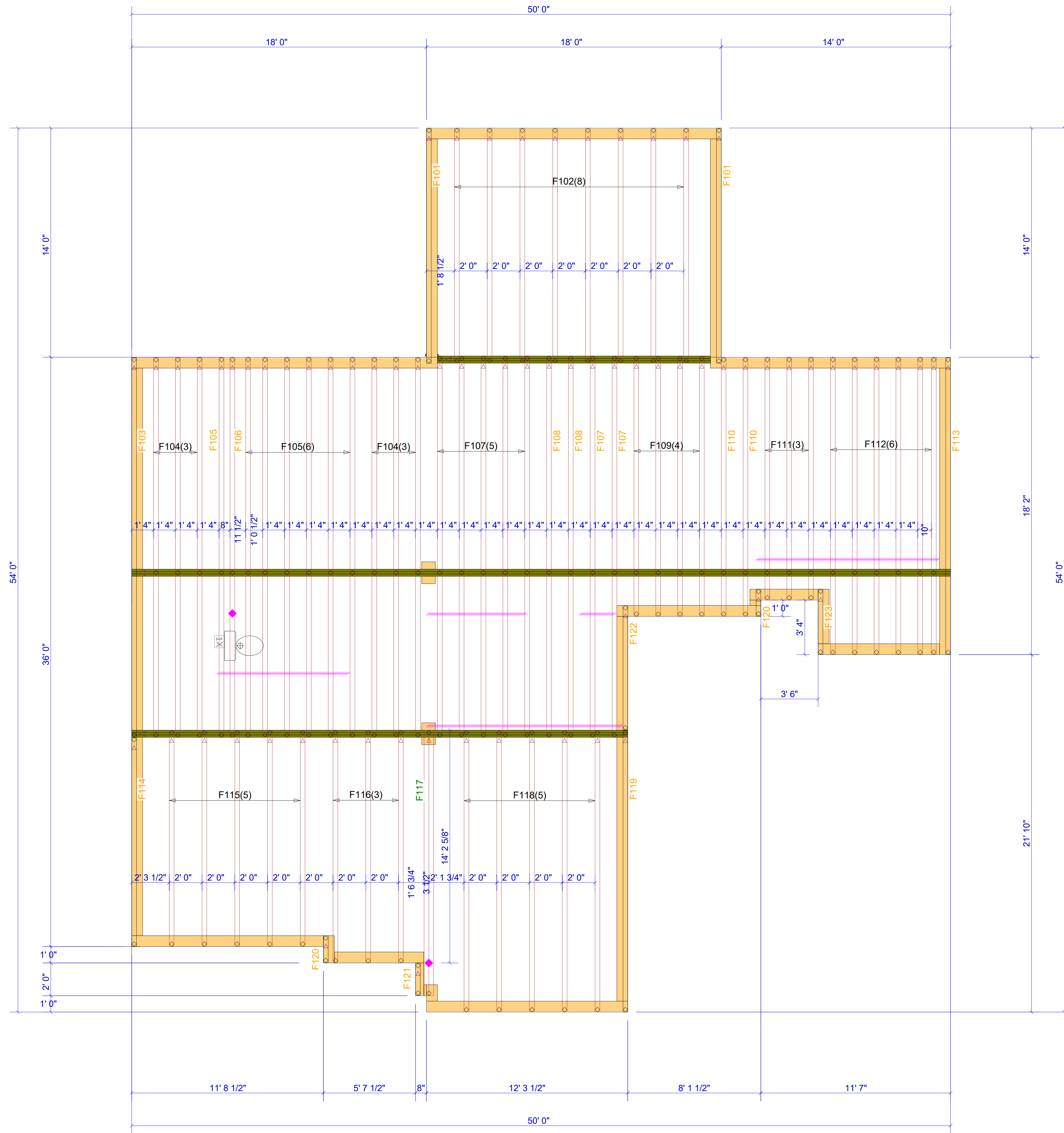
REVISIONS:
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FRAMING DETAILS
HONEYCUTT HILLS
LOT 43 - STONEFIELD 6
RALEIGH, NC

sheet:
SD3.0





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:



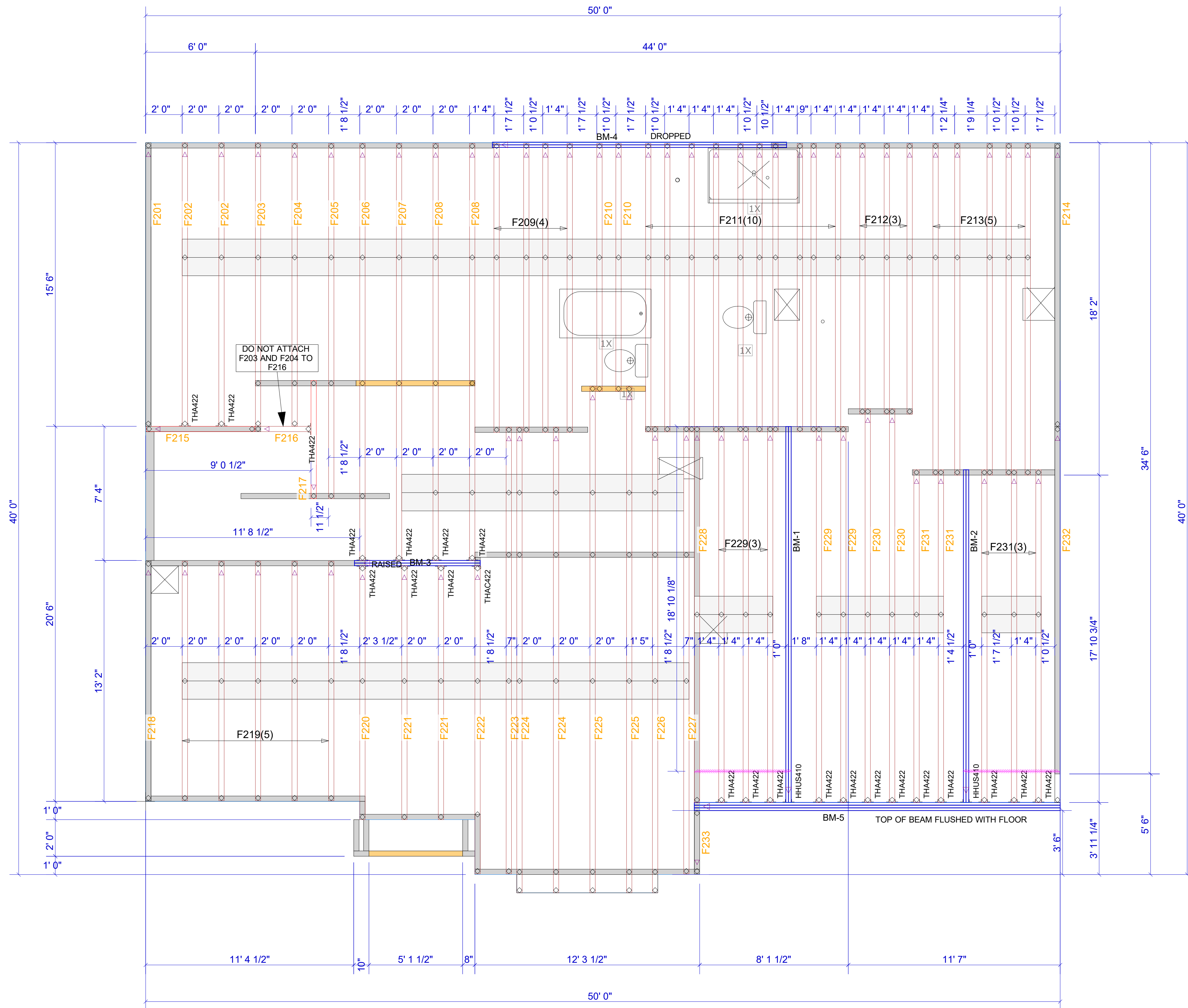
Moncks Corner/Easley, SC (800) 475-3999
Sparta, NC (336) 372-2226

FOR PERMIT

Client: DRB GROUP-RALEIGH
Job: LOT 0.0043 HONEYCUTT HILL
Plan Information: STONEFIELD-6

NOT TO SCALE
Date: 02/08/24
Job #: 24-12-18-F01
Sales Rep: KYLE GIBSON
Phone: 864-304-3282
Drawn By: CGT

FLOOR



Products				
PlotID	Length	Product	Plies	Net Qty
BM-1	22' 0"	1-3/4" x 14" VERSA-LAM® 2.0 3100 SP	2	2
BM-2	20' 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	2	2
BM-4	18' 0"	1-3/4" x 16" VERSA-LAM® 2.0 3100 SP	2	2
BM-5	20' 0"	1-3/4" x 18" VERSA-LAM® 2.0 3100 SP	3	3

Truss Connector Total List		
Manuf	Product	Qty
	THA422	22
Simpson	THAC422	1

▲ = LEFT END OF TRUSS

REVISIONS:



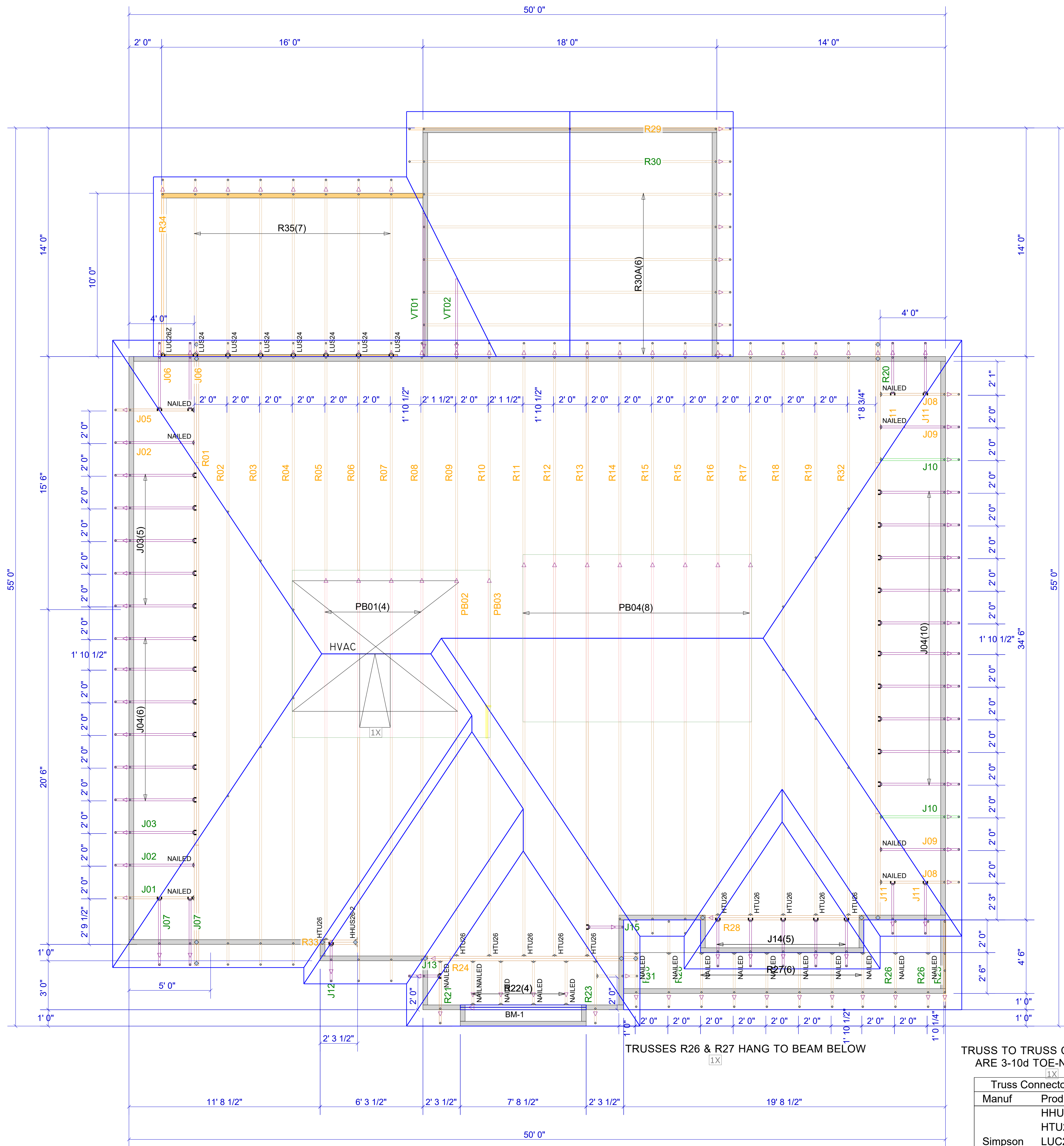
Moncks Corner/Easley, SC (800) 475-3999
Sparta, NC (336) 372-2226

FOR PERMIT

Client: DRB GROUP-RALEIGH
 Job: LOT 0.0043 HONEYCUTT HILL
 Plan Information: STONEFIELD-6
 NOT TO SCALE
 Drawn By: CGT
 Date: 02/08/24
 Job #: 24-12-18-F02
 Sales Rep: KYLE GIBSON
 Phone:

FLOOR

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TRUSSES R26 & R27 HANG TO BEAM BELOW

TRUSS TO TRUSS CONNECTIONS ARE 3-10d TOE-NAILS U.N.O.

Truss Connector Total List		
Manuf	Product	Qty
	HHUS26-2	1
	HTU26	11
Simpson	LUC26Z	1
Simpson	LUS24	7

Products				
PlotID	Length	Product	Plies	Net Qty
BM-1	8-00-00	1-3/4" x 9-1/2" VERSA-LAM® 2.0 3100 SP	2	2

▲ = LEFT END OF TRUSS

FOR PERMIT

Client: DRB GROUP-RALEIGH
 Job: LOT 0.0043 HONEYCUTT HILL
 Plan Information: STONEFIELD-6
 NOT TO SCALE
 Date: 02/08/24
 Job #: 24-1218-R01
 Sales Rep: KYLE GIBSON
 Drawn By: CGT
 Phone:

REVISIONS:



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

ROOF

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.