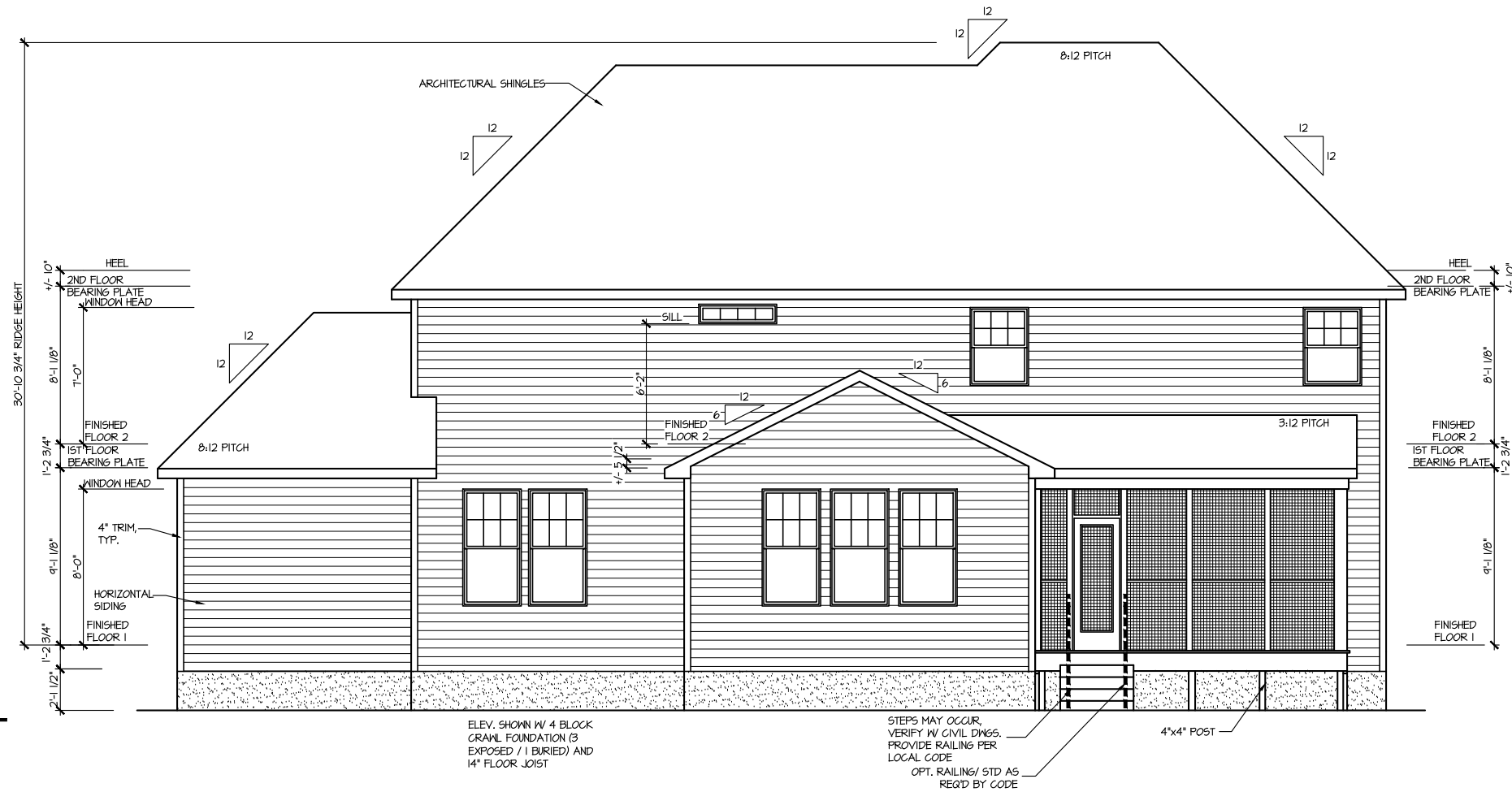


FRONT ELEVATION 7

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



REAR ELEVATION 7

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

FILE: Lot_00.0028.dwg DATE: 8/27/2024 2:04 PM

MASTER PLAN INFORMATION

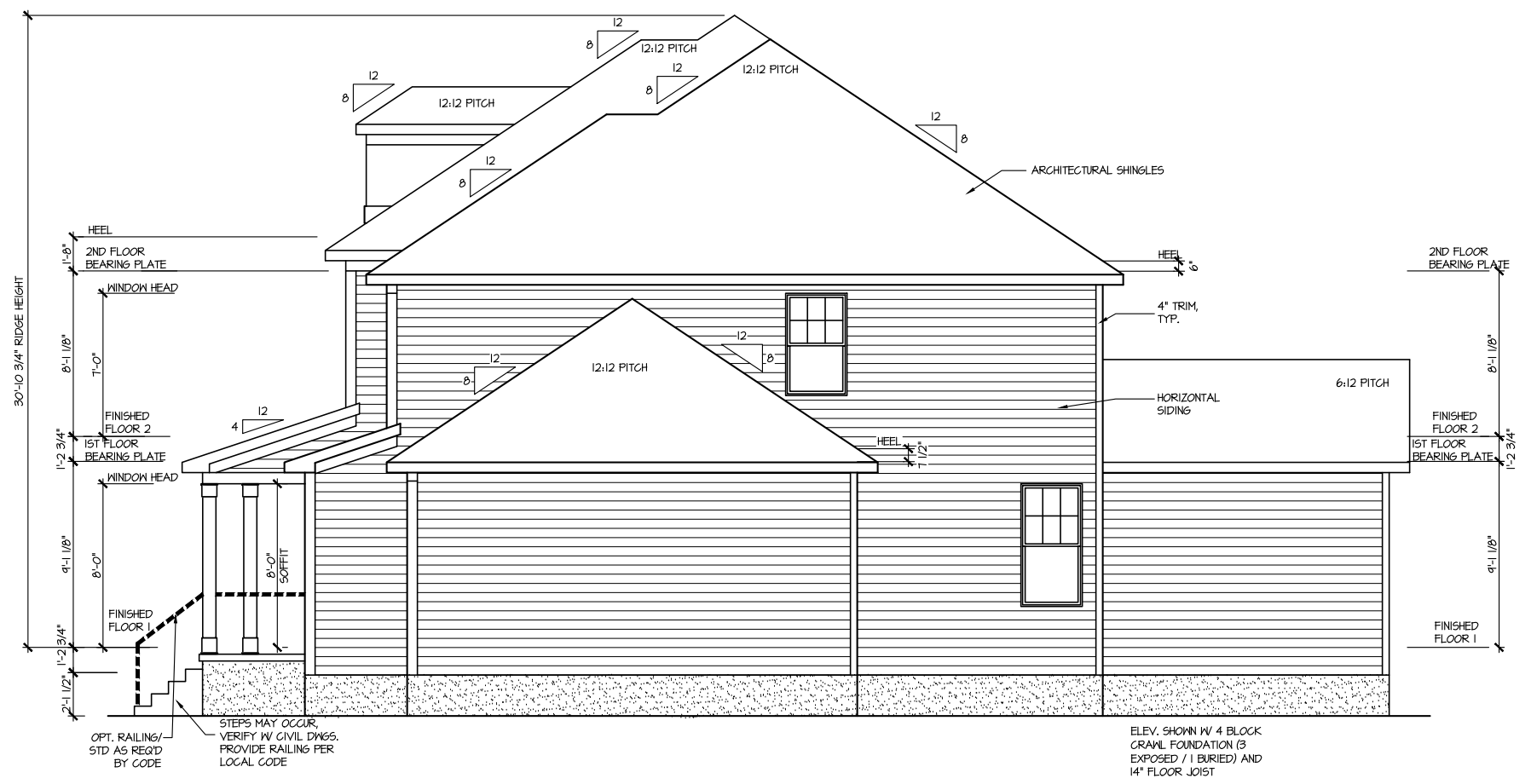
REVISION DATE 03-20-2024
 2-RALE

UPDATED DATE

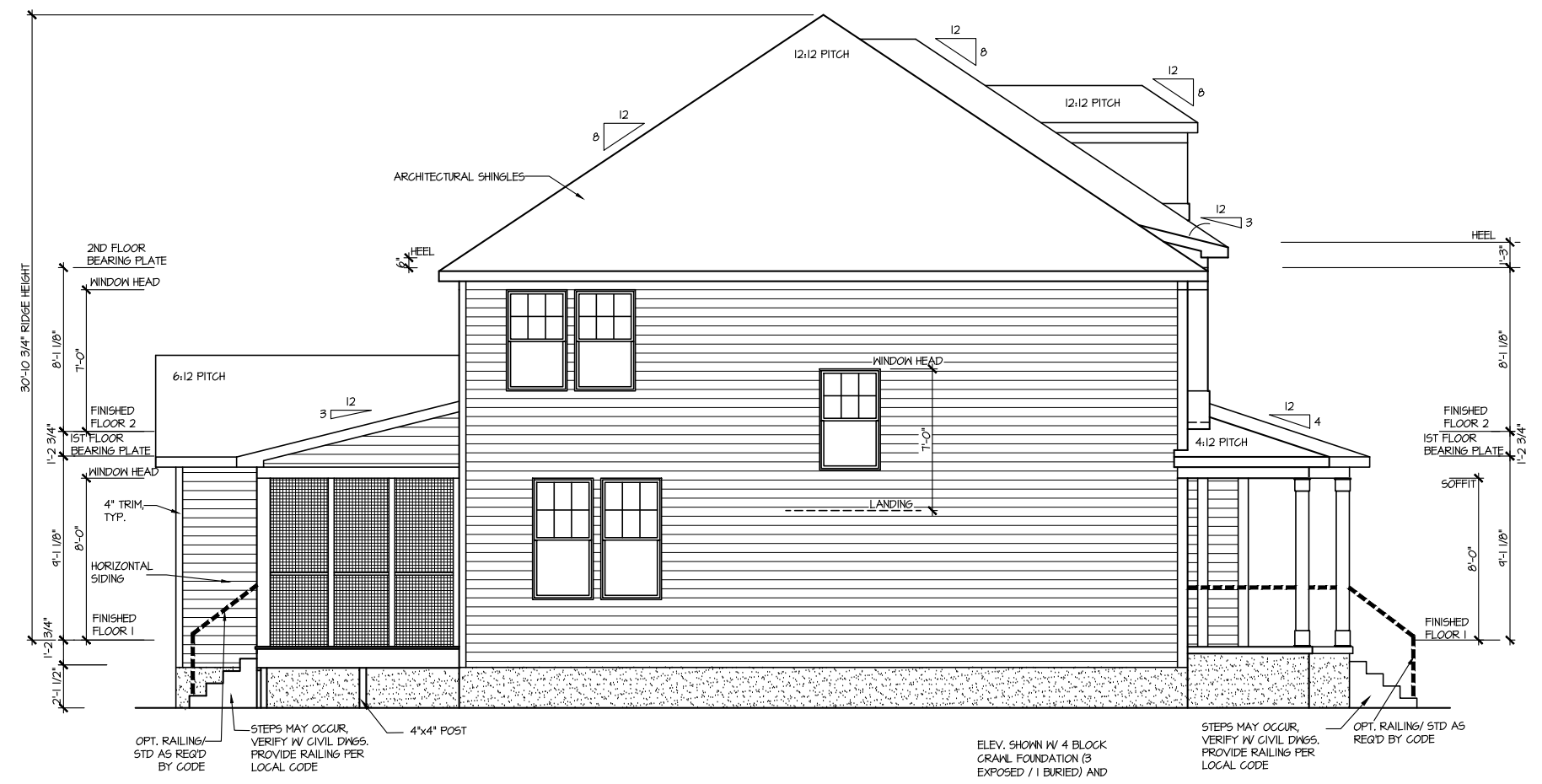
DRAWN BY: ITS
 DATE: 08/27/2024
 PLAN NO. 1635

HOUSE NAME: STONEFIELD
 DRAWING TITLE: FRONT & REAR ELEVATIONS

SHEET No. A.1



RIGHT ELEVATION 7
SCALE: 1/8" = 1'-0"



LEFT ELEVATION 7
SCALE: 1/8" = 1'-0"

FILE: Lot_00.0028.dwg DATE: 8/27/2024 2:04 PM

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

DRAWN BY: ITS
DATE: 08/27/2024
PLAN NO. 1635



HOUSE NAME: STONEFIELD
DRAWING TITLE: RIGHT & LEFT ELEVATIONS

SHEET No. A1.2

ATTIC VENT CALCULATION FOR PLAN 'T'

UPPER ROOF VENTILATION CALCULATIONS:
 ROOF AREA 1 = 1794 SQ. FT.
 OVERALL REQUIRED VENTILATION:
 1 TO 150 = 11.96 SQ. FT.
 1 TO 300 = 5.98 SQ. FT.
 50% IN TOP THIRD = 2.99 SQ. FT. (1 TO 300)
 NET FREE AREA OF VENTED SOFFIT = 5.1 SQ. IN / LINEAR FT.
 NET FREE AREA OF RIDGE VENT = 10 SQ. IN / LINEAR FT.
LOWER VENTING (BOTTOM 2/3 RDS)
 82 LINEAR FEET OF SOFFIT X 5.1 SQ. IN = 4.18 SQ. FT.
UPPER VENTING (TOP 1/3 RDS)
 24 LINEAR FEET OF RIDGE X 10 SQ. IN = 2.4 SQ. FT.
 3 SQ. FT. AT 50%
 (1 TO 300 ALLOWED)

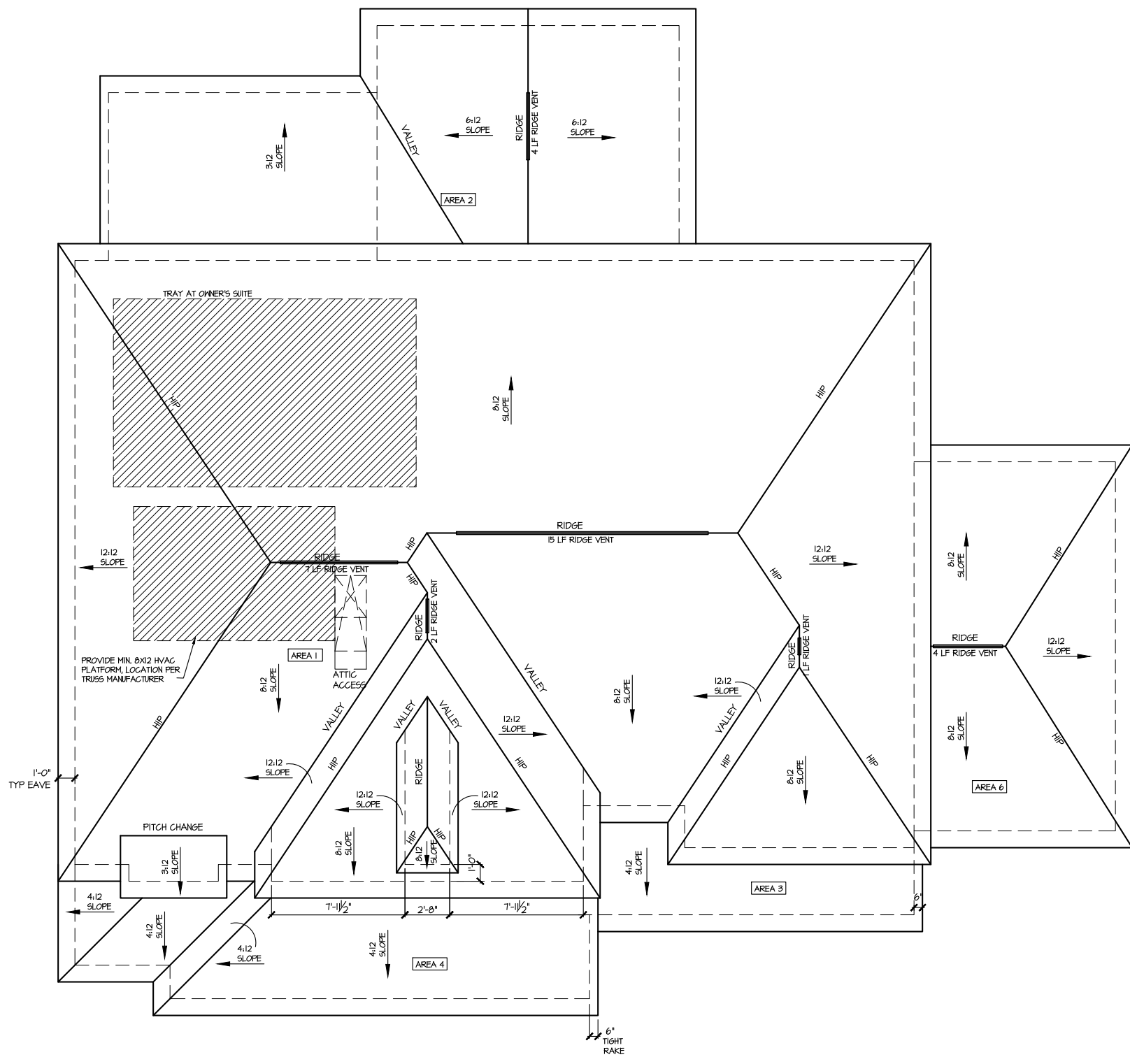
UPPER ROOF VENTILATION CALCULATIONS:
 ROOF AREA 2 = 252 SQ. FT.
 OVERALL REQUIRED VENTILATION:
 1 TO 150 = 1.68 SQ. FT.
 1 TO 300 = 0.84 SQ. FT.
 50% IN TOP THIRD = 0.42 SQ. FT. (1 TO 300)
 NET FREE AREA OF VENTED SOFFIT = 5.1 SQ. IN / LINEAR FT.
 NET FREE AREA OF RIDGE VENT = 10 SQ. IN / LINEAR FT.
LOWER VENTING (BOTTOM 2/3 RDS)
 11 LINEAR FEET OF SOFFIT X 5.1 SQ. IN = 0.48 SQ. FT.
UPPER VENTING (TOP 1/3 RDS)
 4 LINEAR FEET OF RIDGE X 10 SQ. IN = 0.4 SQ. FT.
 0.5 SQ. FT. AT 50%
 (1 TO 300 ALLOWED)

UPPER ROOF VENTILATION CALCULATIONS:
 ROOF AREA 3 = 45 SQ. FT.
 OVERALL REQUIRED VENTILATION:
 1 TO 150 = 0.63 SQ. FT.
 1 TO 300 = 0.315 SQ. FT.
 50% IN TOP THIRD = 0.158 SQ. FT. (1 TO 300)
 NET FREE AREA OF VENTED SOFFIT = 5.1 SQ. IN / LINEAR FT.
 NET FREE AREA OF RIDGE VENT = 10 SQ. IN / LINEAR FT.
LOWER VENTING (BOTTOM 2/3 RDS)
 20 LINEAR FEET OF SOFFIT X 5.1 SQ. IN = 0.98 SQ. FT.
UPPER VENTING (TOP 1/3 RDS)
 0 LINEAR FEET OF RIDGE X 10 SQ. IN = 0 SQ. FT.
 1.50 FT. BETWEEN 50%
 (1 TO 300 ALLOWED)

UPPER ROOF VENTILATION CALCULATIONS:
 ROOF AREA 4 = 200 SQ. FT.
 OVERALL REQUIRED VENTILATION:
 1 TO 150 = 0.645 SQ. FT.
 1 TO 300 = 0.323 SQ. FT.
 50% IN TOP THIRD = 0.1615 SQ. FT. (1 TO 300)
 NET FREE AREA OF VENTED SOFFIT = 5.1 SQ. IN / LINEAR FT.
 NET FREE AREA OF RIDGE VENT = 10 SQ. IN / LINEAR FT.
LOWER VENTING (BOTTOM 2/3 RDS)
 20 LINEAR FEET OF SOFFIT X 5.1 SQ. IN = 0.74 SQ. FT.
UPPER VENTING (TOP 1/3 RDS)
 0 LINEAR FEET OF RIDGE X 10 SQ. IN = 0 SQ. FT.
 1.50 FT. BETWEEN 50%
 (1 TO 300 ALLOWED)
 TOTAL ROOF VENTILATION: 1.71 SQ. FT. > 0.32 SQ. FT. (R01D)

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 = 0.39 SQ. FT. (1 TO 300)
 NET FREE AREA OF VENTED SOFFIT = 5.1 SQ. IN / LINEAR FT.
 NET FREE AREA OF RIDGE VENT = 10 SQ. IN / LINEAR FT.
LOWER VENTING (BOTTOM 2/3 RDS)
 10 LINEAR FEET OF SOFFIT X 5.1 SQ. IN = 0.346 SQ. FT.
UPPER VENTING (TOP 1/3 RDS)
 4 LINEAR FEET OF RIDGE X 10 SQ. IN = 0.4 SQ. FT.
 1.50 FT. BETWEEN 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. 7
 SCALE: 1/8" = 1'-0"

FILE: Lot_00.0028.dwg DATE: 8/27/2024 2:04 PM

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

DRAWN BY: ITS
 DATE: 08/27/2024
 PLAN NO. 1635



HOUSE NAME: STONEFIELD
 DRAWING TITLE: ROOF PLAN

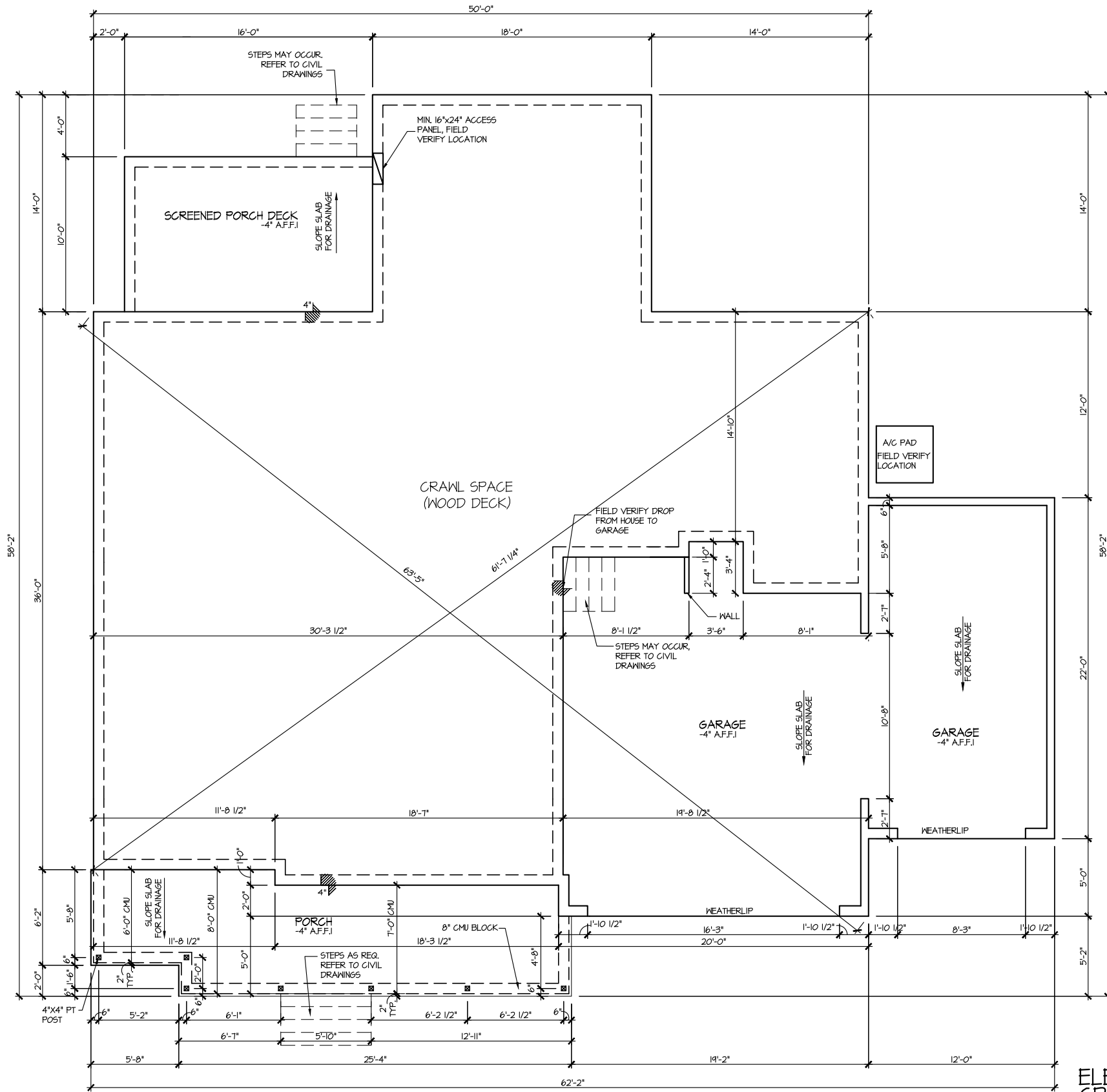
SHEET No. A.3

CRAWL SPACE VENT CALCULATIONS: ELEV 7
 CRAWL AREA = 1542 SQ. FT.
 OVERALL REQUIRED VENTILATION:
 1 SQ. IN. PER 1 SQ. FT. = 1542 SQ. IN.

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

VENTING REQUIREMENT:
 1542 SQ. IN. / 72 SQ. IN. = 21.4 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 7
 CRAWL SPACE PLAN
 SCALE: 1/8" = 1'-0"

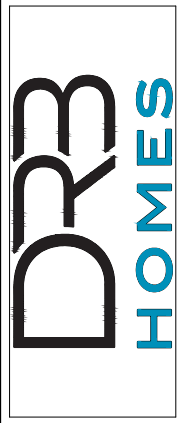
FILE: Lot_00.0028.dwg DATE: 8/27/2024 2:04 PM

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

DRAWN BY:
 ITS

DATE:
 08/27/2024

PLAN NO.
 1635

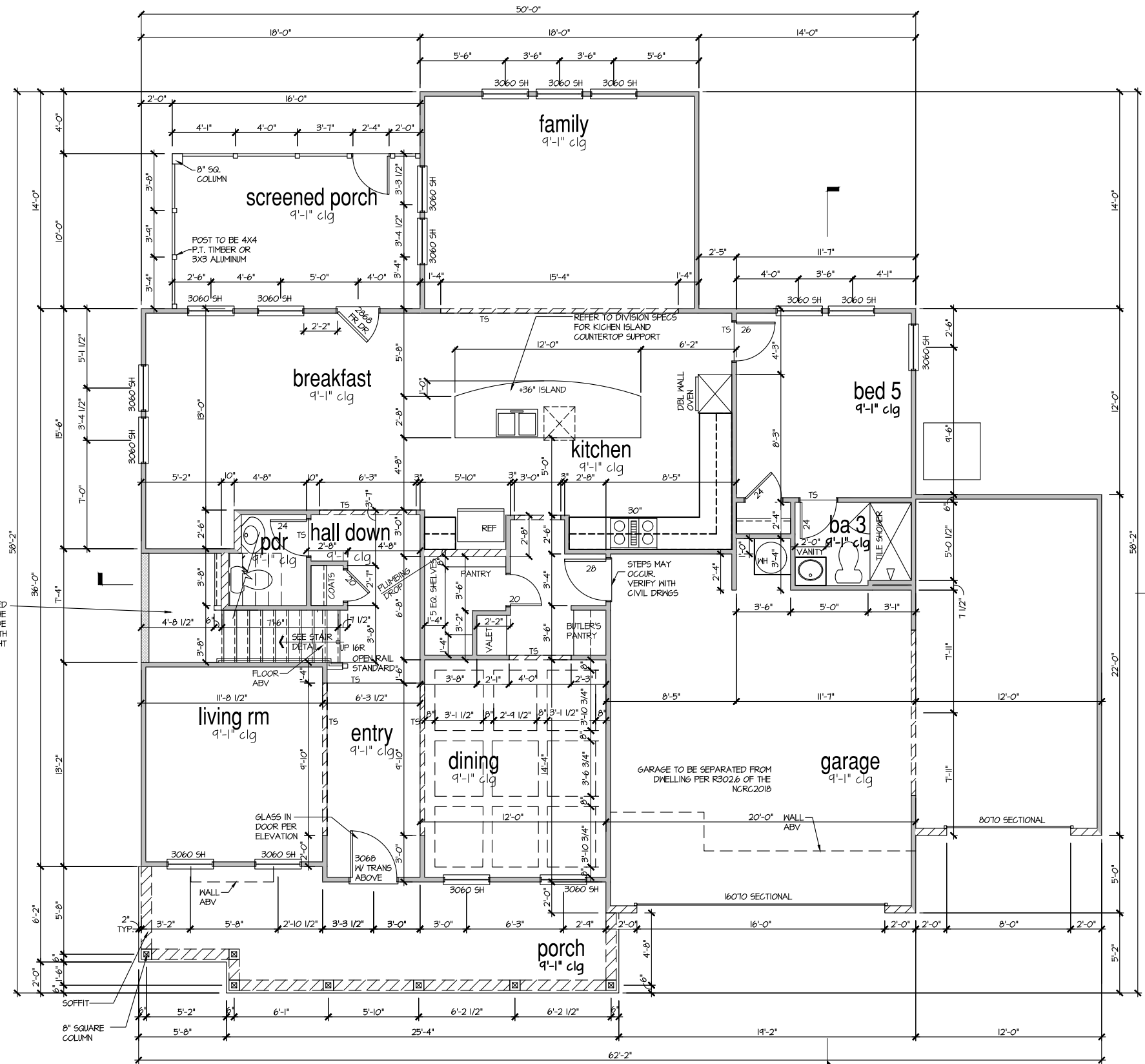


HOUSE NAME:
 STONEFIELD

DRAWING TITLE
 CRAWL SPACE PLAN

SHEET No.
 A2.1

STAIRS TO BE DESIGNED PER R301.7.5 OF THE NGR2018 CODE MIN. 4" TREAD DEPTH MAX. 8 1/4" RISER HEIGHT



ELEVATION 7 FIRST FLOOR PLAN

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

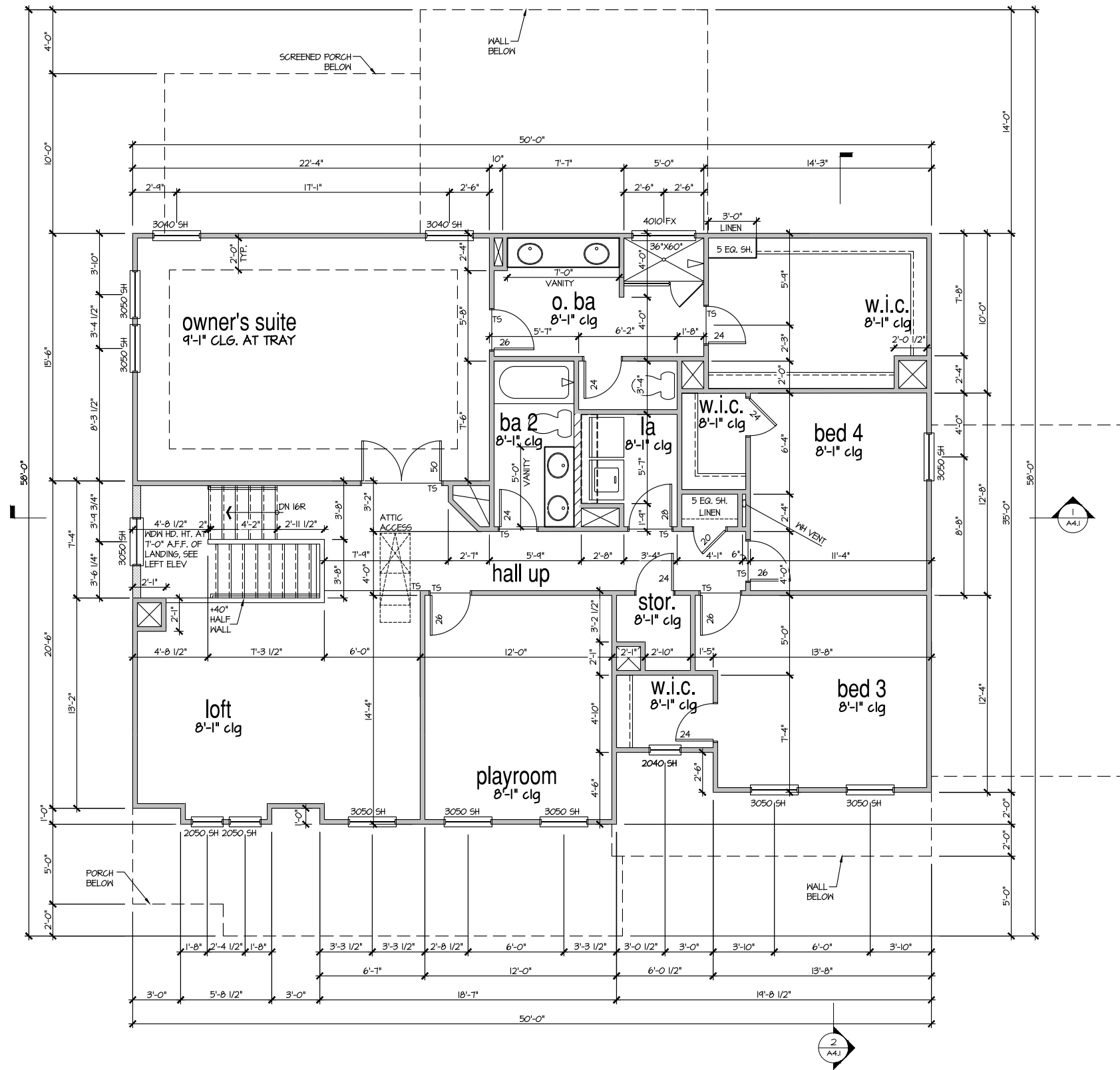
MASTER PLAN INFORMATION	
REVISION	DATE
2-RALE	03-20-2024
	UPDATED DATE

DRAWN BY: ITS
 DATE: 08/27/2024
 PLAN NO. 1635



HOUSE NAME: STONEFIELD
 DRAWING TITLE: FIRST FLOOR PLAN

SHEET No. A3.1



ELEVATION 7
SECOND FLOOR PLAN

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

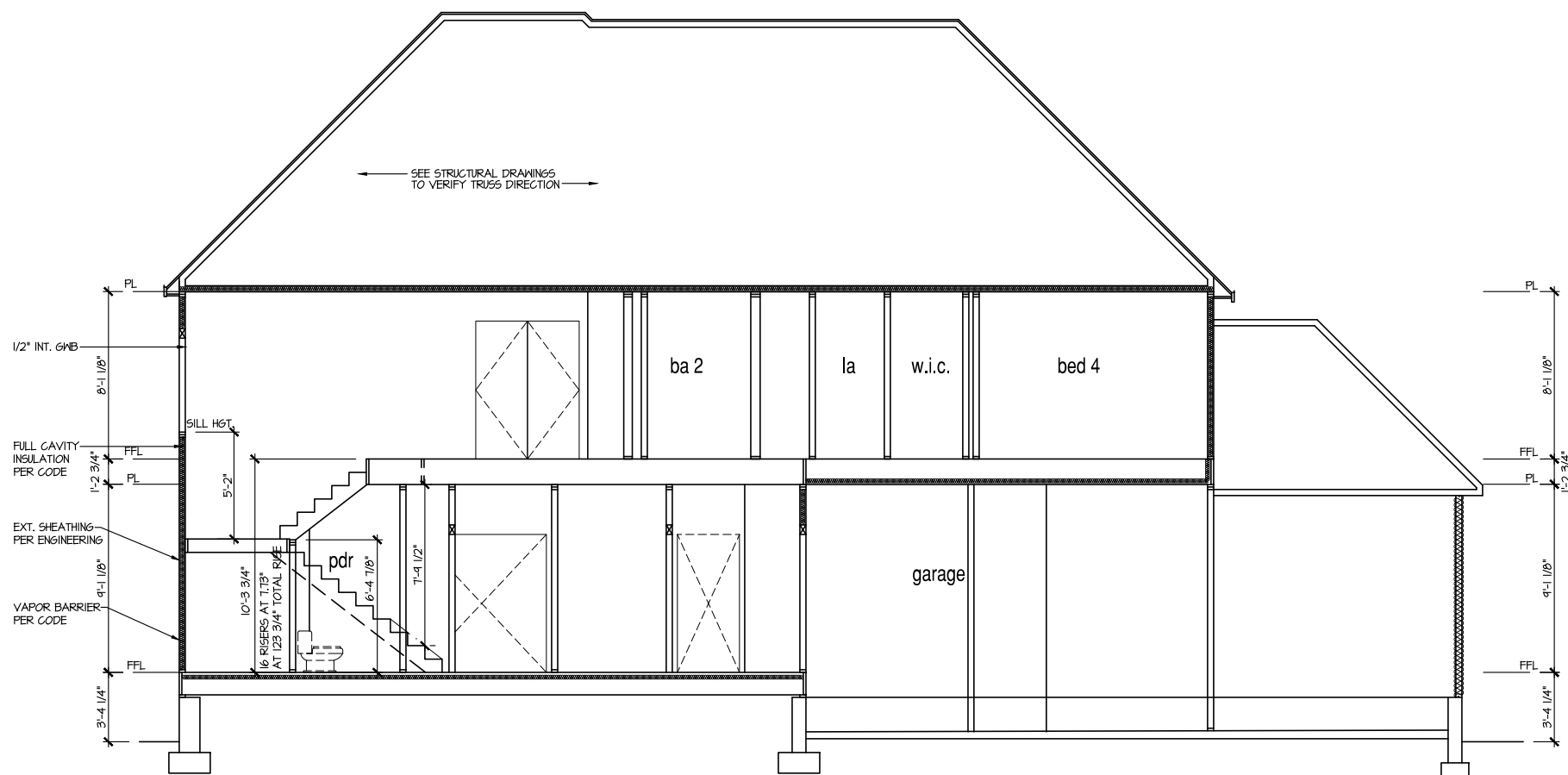
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REVISION	DATE
2-RALE	03-20-2024
	UPDATED DATE

DRAWN BY: ITS
DATE: 08/27/2024
PLAN NO. 1635

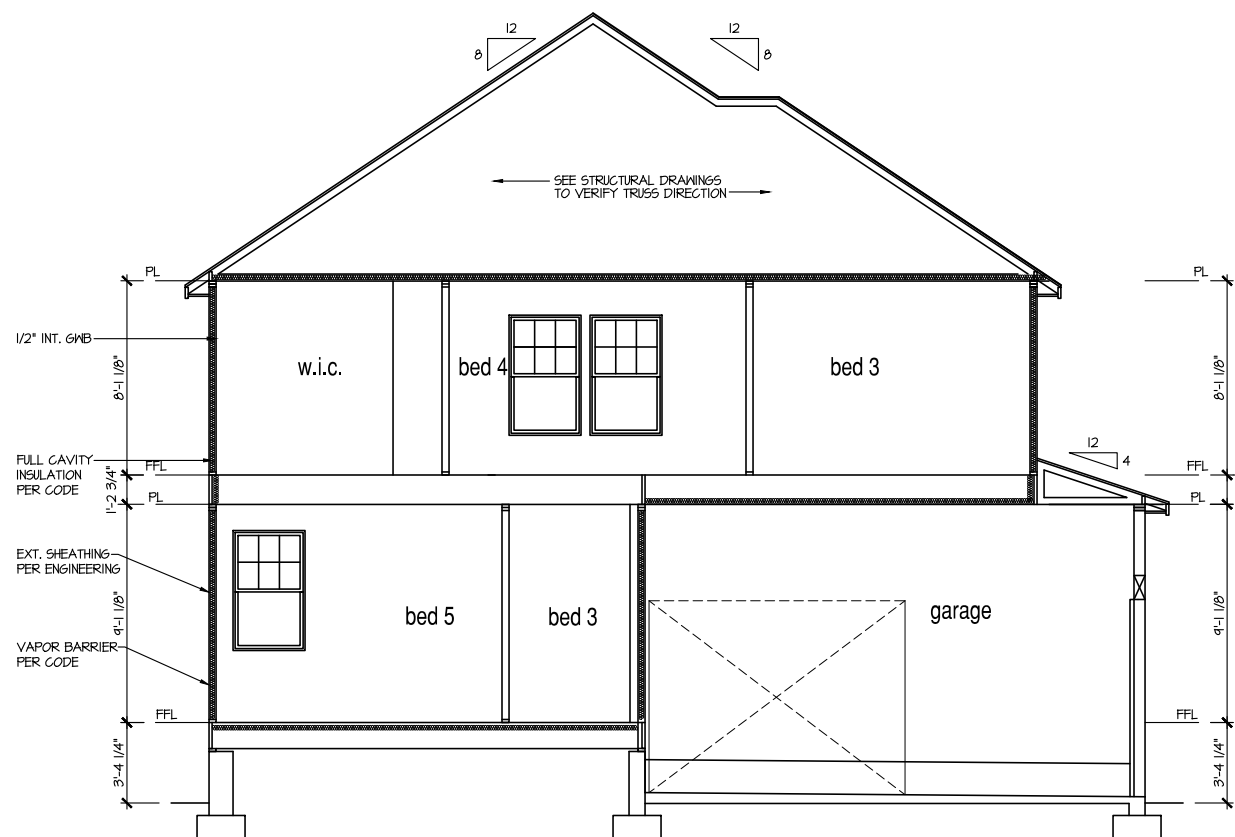


HOUSE NAME: STONEFIELD
DRAWING TITLE: SECOND FLOOR PLAN

SHEET No. A3.2



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



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

9'-1" STAIR NOTE:
(USE 14" TJI WITH 3/4" PLYWOOD SUBFLOOR)
15 TREADS AT 10" EACH VERIFY
16 RISERS AT +/- 7.73" = 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-30 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.

FILE: Lot_00.0028.dwg DATE: 8/27/2024 2:04 PM

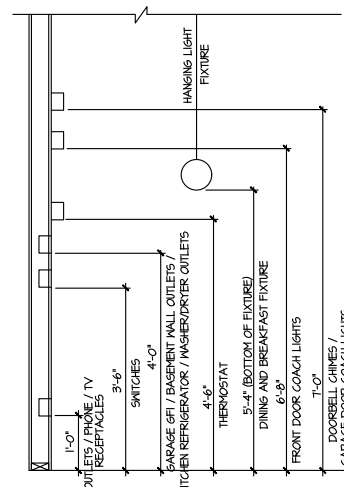
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REVISION	DATE
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DRAWN BY: ITS
DATE: 08/27/2024
PLAN NO. 1635

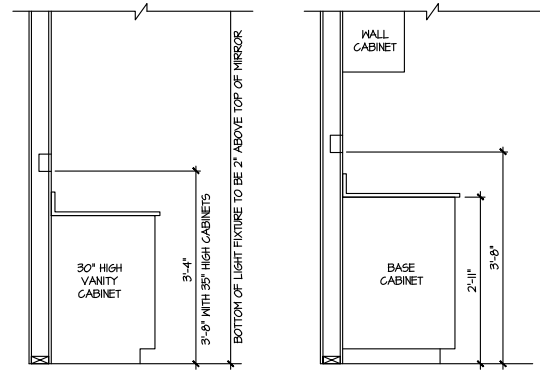


HOUSE NAME: STONEFIELD
DRAWING TITLE: BUILDING SECTION

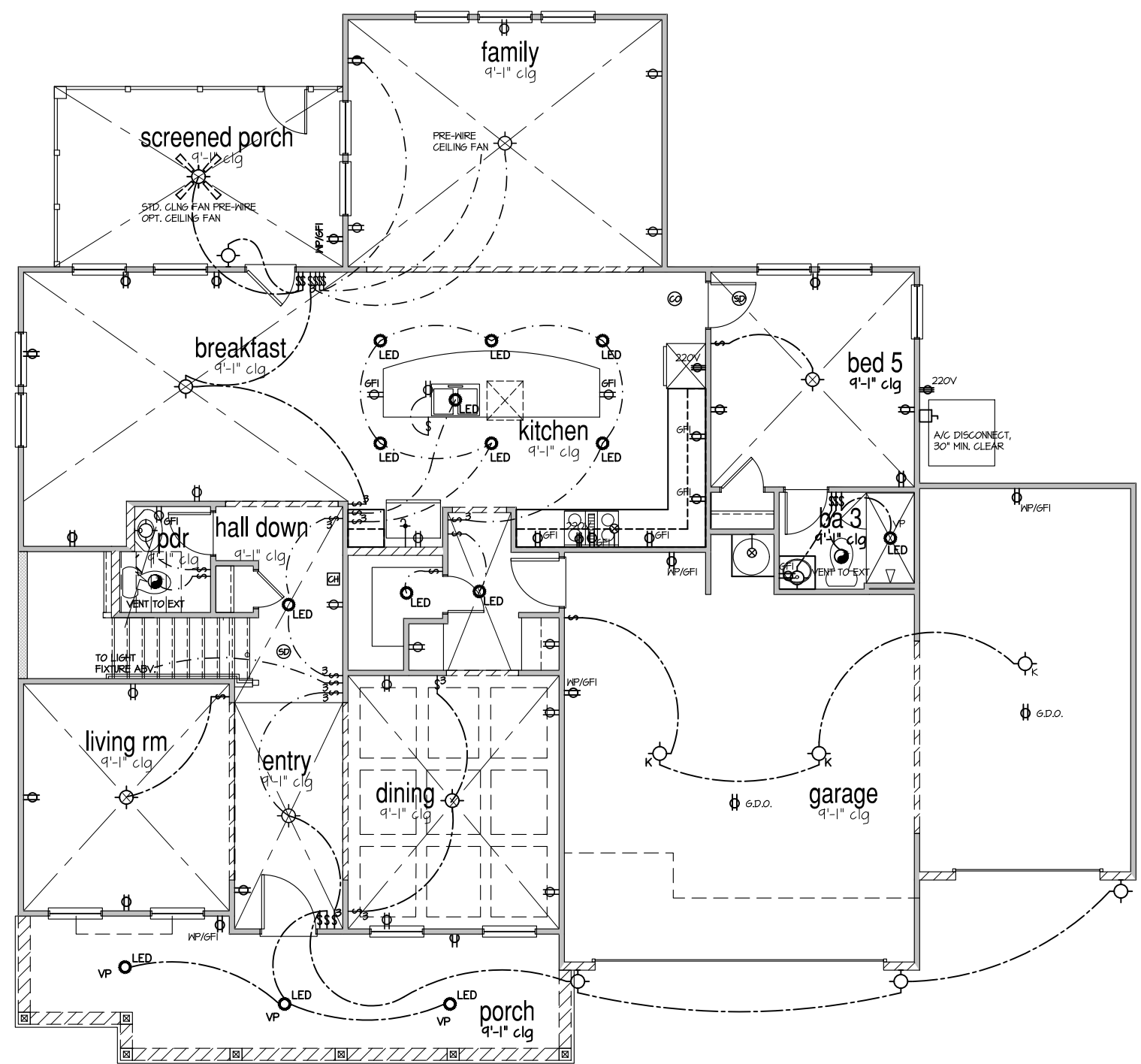
SHEET No. A4.1



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

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

ELECTRICAL PLAN
FIRST FLOOR - ELEV. 7
SCALE: 1/8" = 1'-0"

FILE: Lot_00.0028.dwg DATE: 8/27/2024 2:04 PM

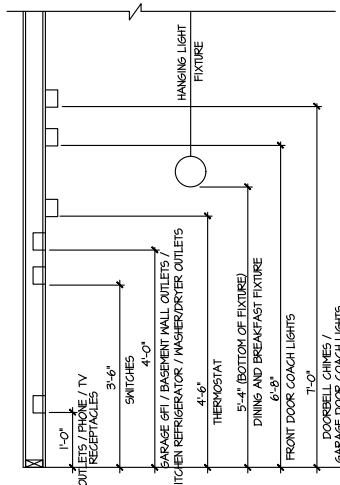
MASTER PLAN INFORMATION	
REVISION	DATE
2-RALE	03-20-2024
UPDATED DATE	

DRAWN BY: ITS
DATE: 08/27/2024
PLAN NO. 1635

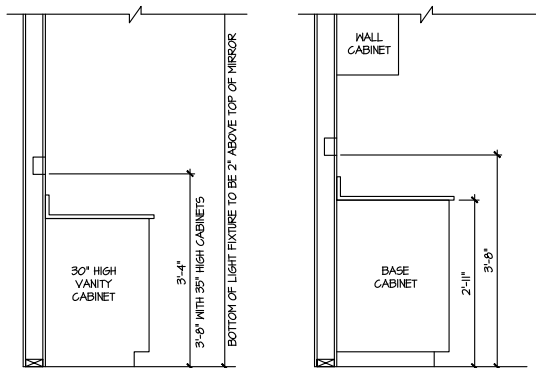


HOUSE NAME: STONEFIELD
DRAWING TITLE: FIRST FLOOR ELECTRICAL

SHEET No. 1

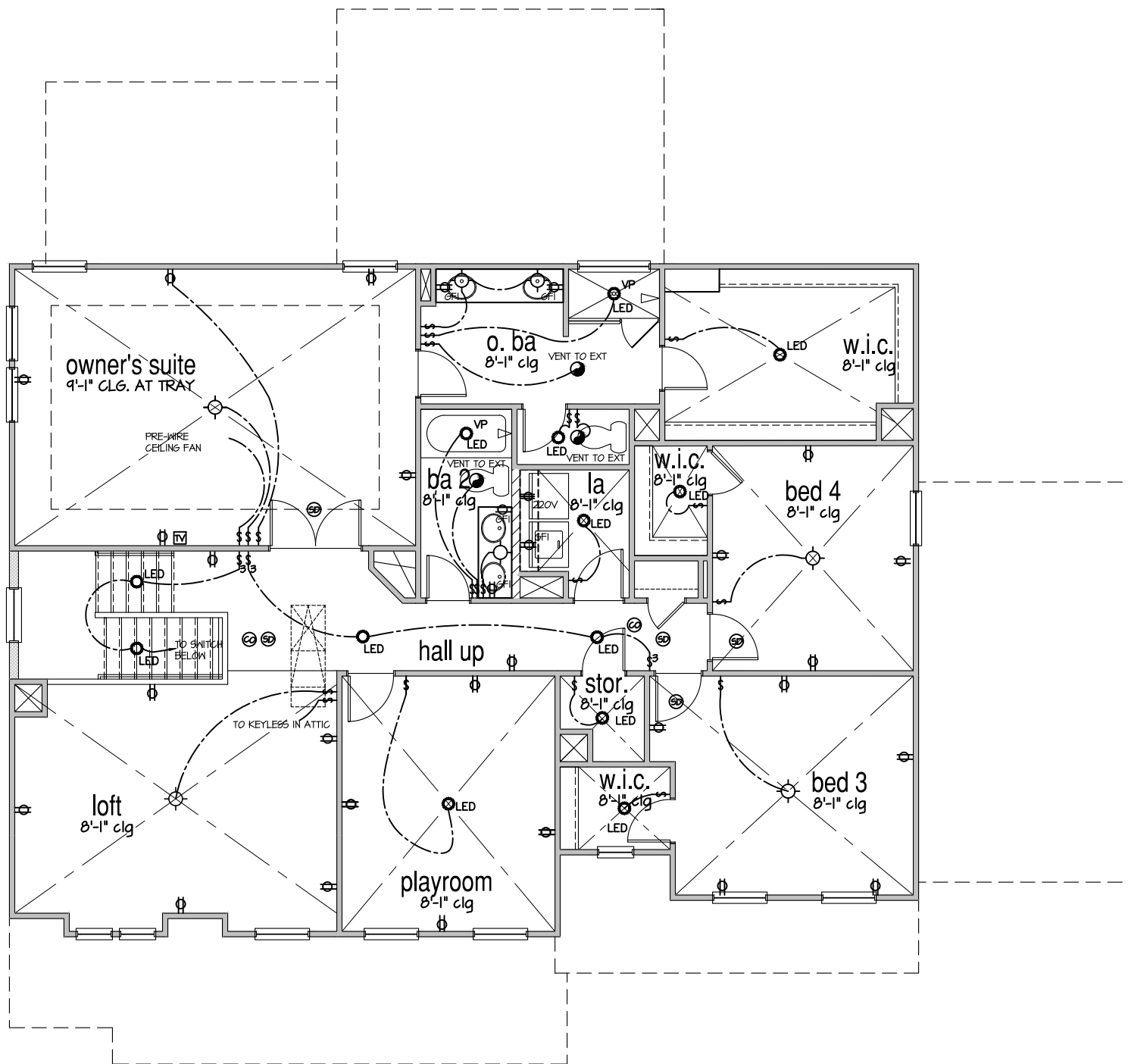


STANDARD ELECTRICAL BOX HEIGHTS



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 NC; INCANDESCENT CLG. MOUNTED FIXTURES FOR ALL OTHER AREAS.

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

ELECTRICAL PLAN
SECOND FLOOR - ELEV. 7
SCALE: 1/8" = 1'-0"

FILE: Lot_00.0028.dwg DATE: 8/27/2024 2:04 PM

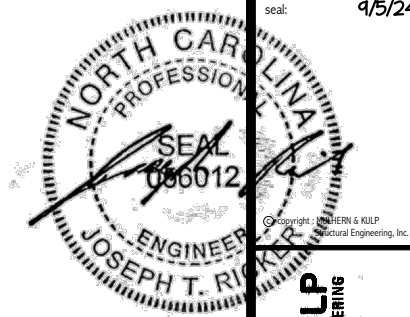
MASTER PLAN INFORMATION	
REVISION	DATE
2-RALE	03-20-2024
	UPDATED DATE

DRAWN BY: ITS
DATE: 08/27/2024
PLAN NO. 1635



HOUSE NAME: STONEFIELD
DRAWING TITLE: SECOND FLOOR ELECTRICAL

SHEET No. 1.2



MULHERN+KULP RESIDENTIAL STRUCTURAL ENGINEERING 500 Duckdale Ave., Building 4 - Ashboro, PA 27002

M&K project number: 126-23047 project mgr: JTR drawn by: TEW issue date: 08-30-24

REVISIONS: date: initial:



STRUCTURAL NOTES HONEYCUTT HILLS LOT 28 - STONEFIELD 7 RALEIGH, NC

ENGINEERED BEAM MATERIAL SCHEDULE

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

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

ROOF TRUSS, FLOOR TRUSS AND ENGINEERED JOISTS SHALL BE DESIGNED TO MEET THE DIFFERENTIAL DEFLECTION CRITERIA BELOW, UNLESS NOTED OTHERWISE ON PLAN.

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

VENEER LINTEL SCHEDULE

Table with columns: SPAN (MAX), HEIGHT OF VENEER ABOVE LINTEL, STEEL ANGLE SIZE. Lists lintel specifications for different span and height requirements.

ALL LINTELS: SHALL SUPPORT 2 3/4" x 3 1/2" VENEER w/ 40 psf MAXIMUM HEIGHT. < 10' SHALL HAVE 4" MIN BEARING

LATERAL BRACING & SHEAR WALL SHEATHING SPECIFICATIONS

THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM: 120 MPH WIND IN 2018 NCSEB:RC (120 MPH WIND SPEED IN ASCE 7-10 WIND MAP, PER IRC R301.2.1.1)

THE DESIGN WAS COMPLETED PER 2015 IBC (SECTION 1609) & ASCE 7-10, AS PERMITTED BY R301.3 OF THE 2018 NCSEB: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 NCSEB: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" x 0.131" 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 (3/8" 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.
- DESIGN ASSUMES 16" O.C. MAX. STUD SPACING, UNO.
- ALL STRUCTURAL PANELS ARE TO BE DIRECTLY APPLIED TO STUD FRAMING.

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. FASTEN TO FRAMING MEMBERS W/ GLUE AND - 2 1/2" x 0.131" NAILS @ 6" O.C. @ PANEL EDGES & @ 12" O.C. FIELD.

ROOF FRAMING

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

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: HD-1 SIMPSON HTT4 HOLD-DOWN, HD-2 SIMPSON MSTC66 STRAP TIE, HD-3 SIMPSON STDH14/14RJ 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, Extent of shear wall & extent, Extent of overframing, Metal hanger, Indicates post above, Indicates 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.

NOTES: 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.

DESIGN LOADS: ROOF DEAD = 7 PSF T.C., 10 PSF B.C. LIVE = 16 PSF LOAD DURATION FACTOR = 1.25

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.

ENGINEERED LUMBER BEAMS TO MEET OR EXCEED THE FOLLOWING: LVL - Fb=2325 psi, Fv=310 psi, E=1.55x10^6 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 2 & 3 PLY BEAMS OF EQUAL WIDTH, FASTEN PLYS 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.

FOR 4 PLY BEAMS OF EQUAL WIDTH, FASTEN PLYS TOGETHER WITH 3 ROWS OF 1/4"x6" SIMPSON SDS SCREWS (OR 6 3/4" TRUSSLOK SCREWS) @ 16" O.C. USE A MINIMUM OF 4 ROWS FOR BEAM DEPTHS OF 14" OR GREATER.

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

PROVIDE SOLID BLOCKING IN FLOOR SYSTEM UNDER ALL POSTS CONTINUOUS TO FND/BEARING. BLOCKING TO MATCH POST ABOVE.

GENERAL STRUCTURAL NOTES

FOUNDATION

DESIGN IS BASED ON 2018 NORTH CAROLINA STATE BUILDING CODE, RESIDENTIAL CODE.

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)

ALL LUMBER EXPOSED TO WEATHER OR IN CONTACT W/ CONCRETE OR CMU SHALL BE PRESERVATIVE-TREATED SOUTHERN PINE #2.

CONCRETE DESIGN BASED ON ACI 318. CONCRETE SHALL ATTAIN THE FOLLOWING MIN. COMPRESSIVE STRENGTHS IN 28 DAYS, UNO: Fc = 4,000 psi: FOUNDATION WALLS

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

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.

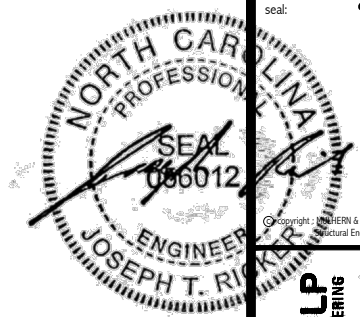
ALL CONCRETE EXPOSED TO THE WEATHER SHALL NOT HAVE LESS THAN 5% OR MORE THAN 1% AIR ENTRAINMENT.

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 CRANK SPACE PIERS. ALL PIERS SHALL BE GROUTED SOLID.

CONCRETE DESIGN BASED ON ACI 318. CONCRETE SHALL ATTAIN THE FOLLOWING MIN. COMPRESSIVE STRENGTHS IN 28 DAYS, UNO: Fc = 4,000 psi: FOUNDATION WALLS



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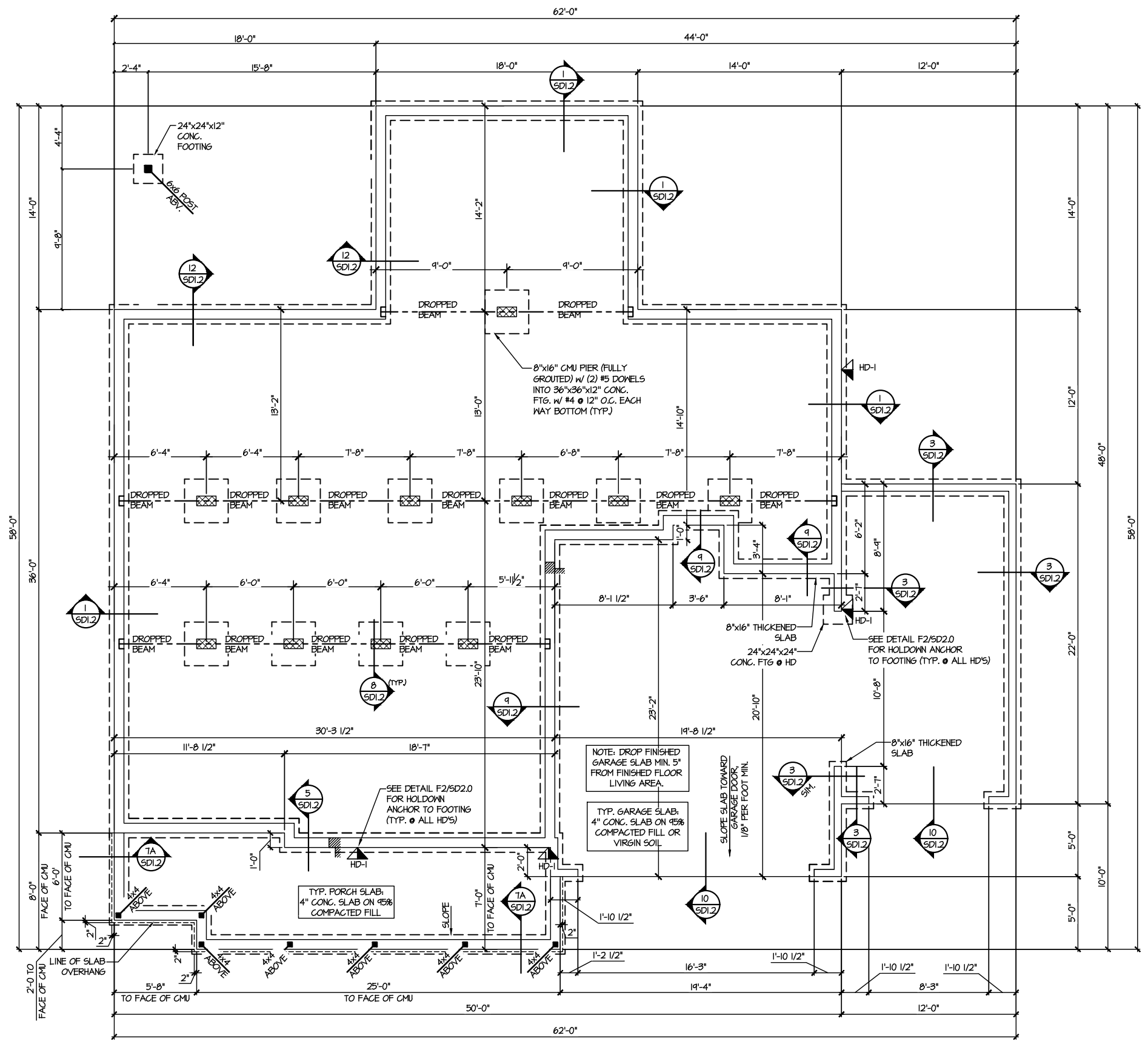
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project mgr: JTR
drawn by: TEW
issue date: 08-30-24

REVISIONS:
date: initial:



FOUNDATION PLANS
HONEYCUTT HILLS
LOT 28 - STONEFIELD 7
RALEIGH, NC

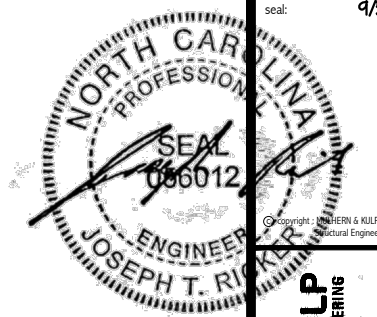
sheet:
S1.0



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

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

REFER TO 50.0 FOR
TYPICAL STRUCTURAL NOTES
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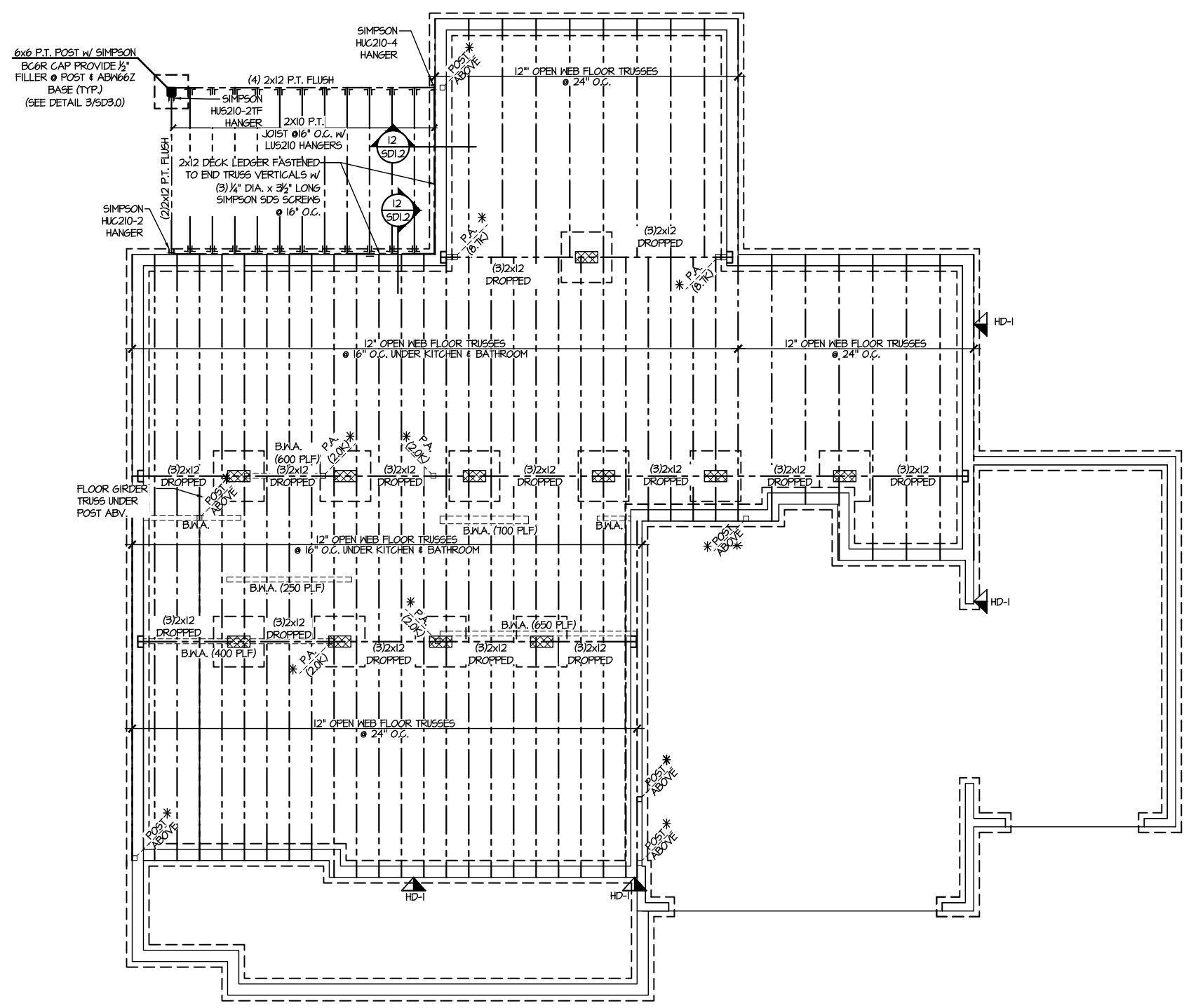
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FLOOR FRAMING PLANS
HONEYCUTT HILLS
LOT 28 - STONEFIELD 7
RALEIGH, NC

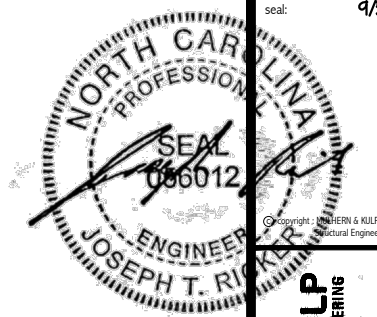
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S2.0



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
TYPICAL STRUCTURAL NOTES
& SCHEDULES



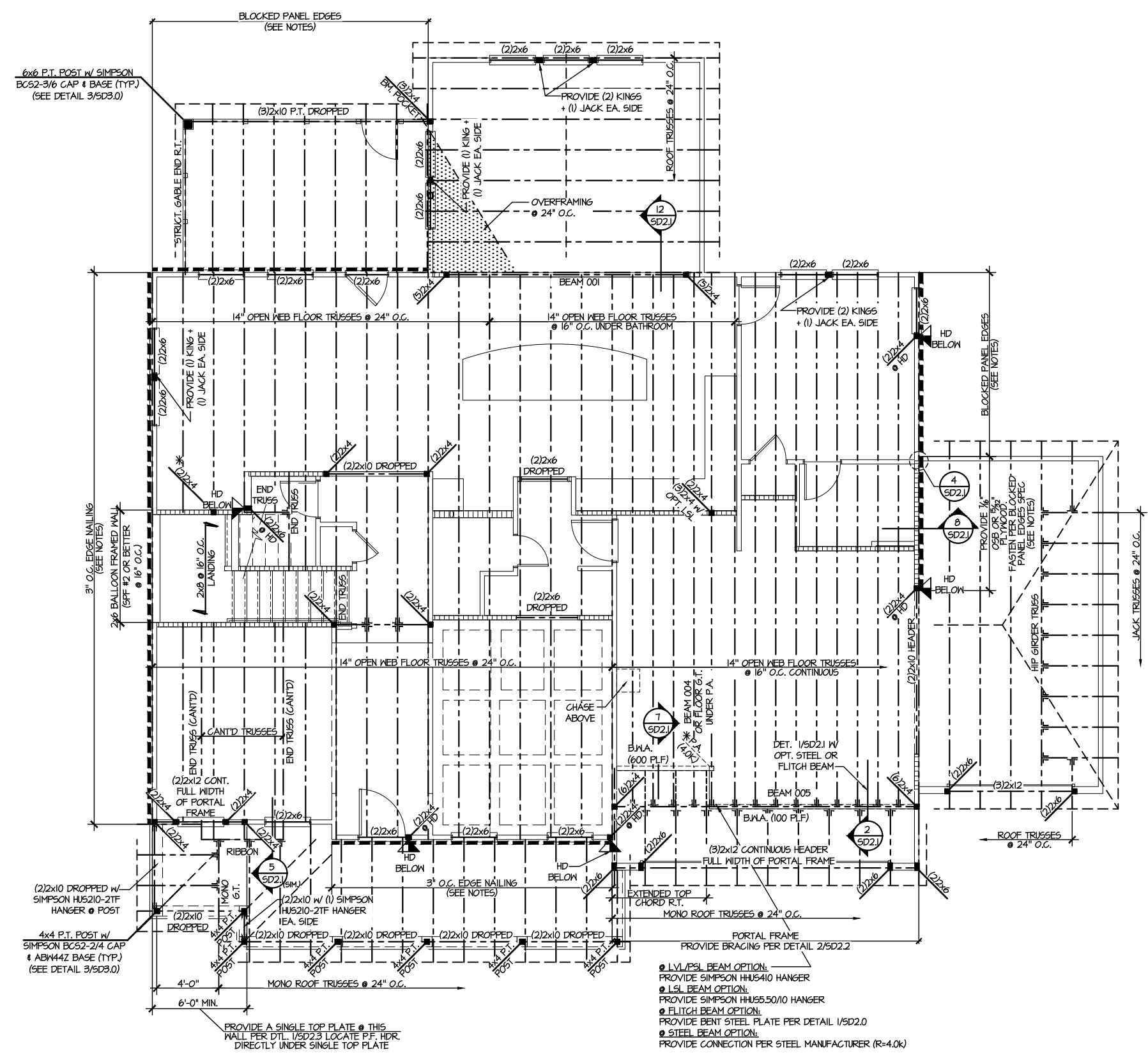
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FLOOR FRAMING PLANS
HONEYCUTT HILLS
LOT 28 - STONEFIELD 7
RALEIGH, NC

Sheet:
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
- 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

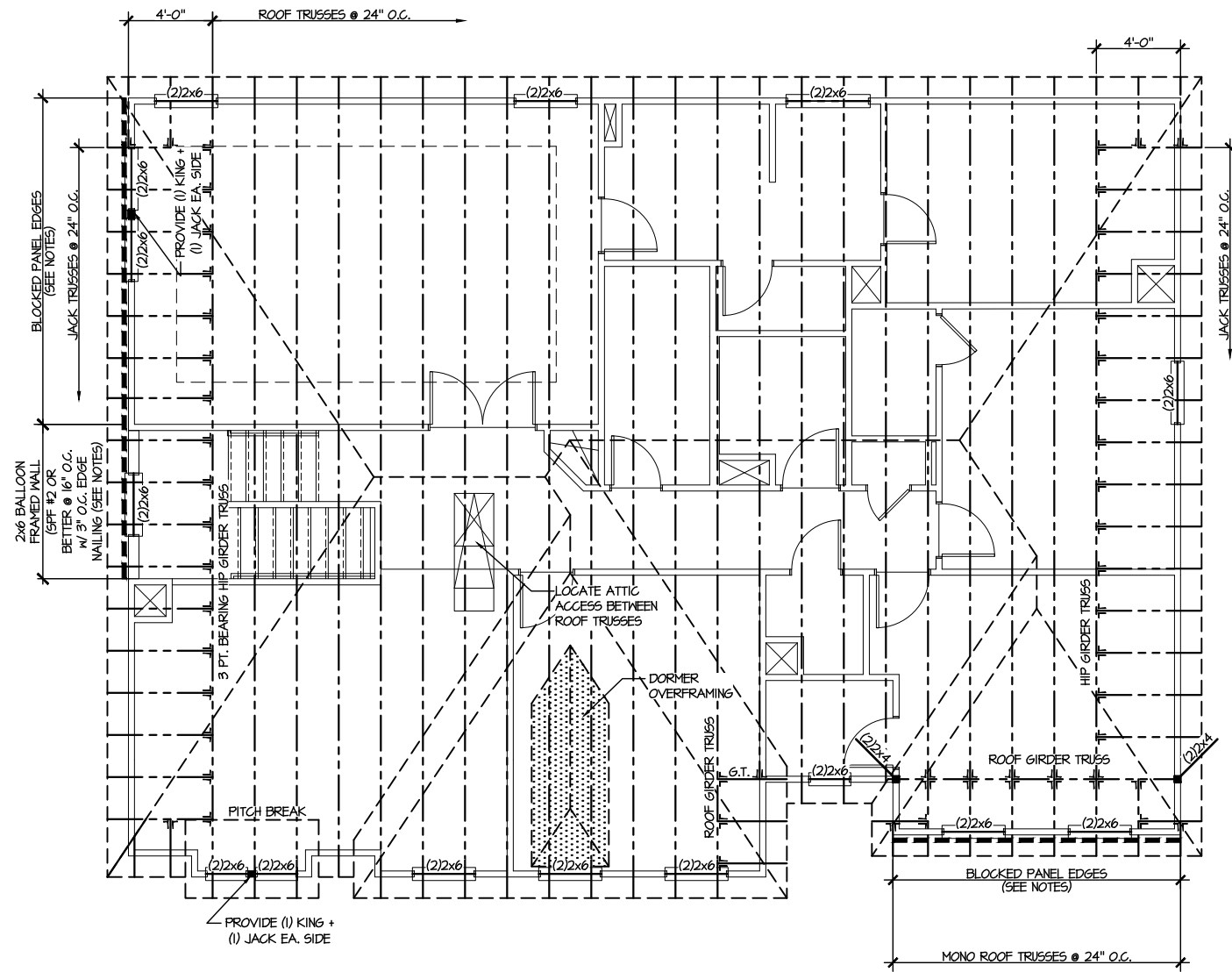
ENGINEERED BEAM MATERIAL SCHEDULE

BEAM NUMBER	LVL OPTION	PSL OPTION	LSL OPTION	FLITCH OPTION	STEEL OPTION
001	(2)3/4"x16" - D	3/5"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 + (1) 3/8"x1/4" STEEL FLITCH PLATES - F	W12x14 - F
005	(3)3/4"x10" - FT	3/5"x10" - FT	N/A	(3)2x12 + (2) 3/8"x1/4" STEEL FLITCH PLATES - F	W12x26 - F
006	(3)3/4"x10" - FT	3/5"x10" - 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) 1/2"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	3/5"x16" - D	(4)3/4"x16" - D	(3)2x12 + (2) 3/8"x1/4" STEEL FLITCH PLATES - D	W12x14 - 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) 1/4"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.

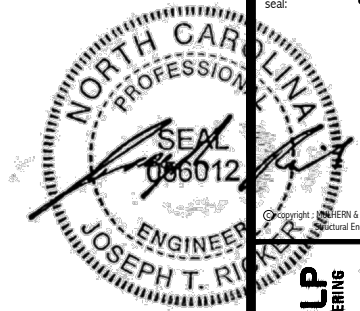
*** - SEE PLAN FOR EXTENT OF 3-PLY BEAM



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



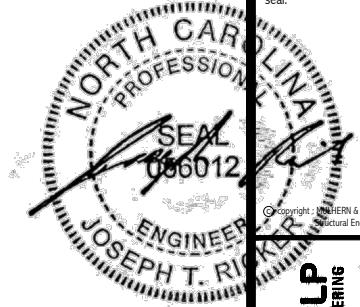
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ROOF FRAMING PLANS
HONEYCUTT HILLS
LOT 28 - STONEFIELD 7
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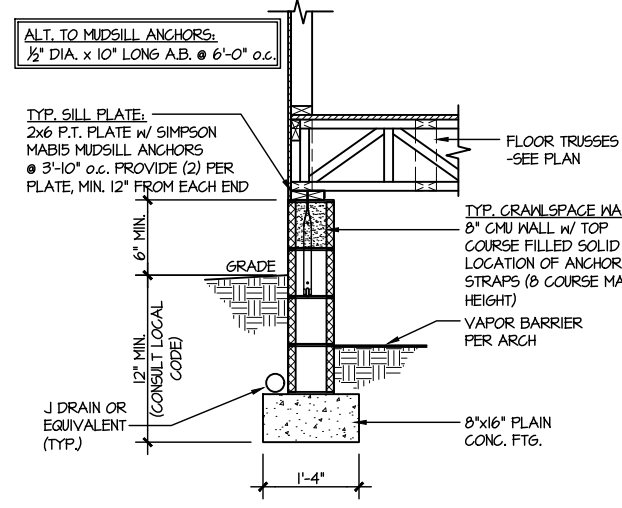
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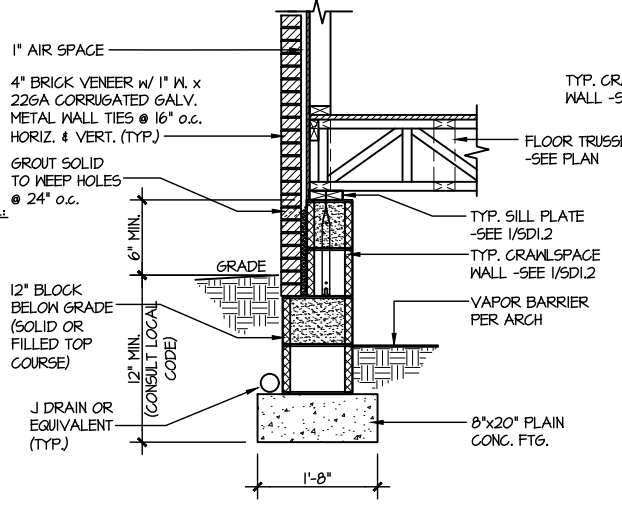
FOUNDATION DETAILS
HONEYCUTT HILLS
LOT 28 - STONEFIELD 7
RALEIGH, NC

sheet:
SD1.2

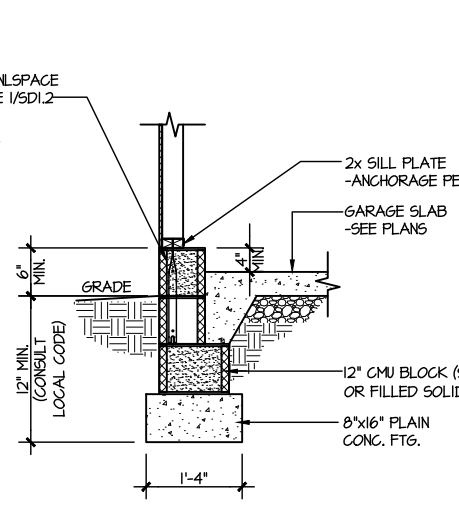
LETTERED DETAILS ARE TYPICAL FOR THIS HOME & SHALL BE IMPLEMENTED IN ALL APPLICABLE AREAS. THESE DETAILS ARE NOT "CUT" ON THE PLANS.
NUMBERED DETAILS ARE PLAN SPECIFIC AND ARE ONLY REQUIRED WHERE SPECIFICALLY INDICATED ("CUT") ON THE PLANS.



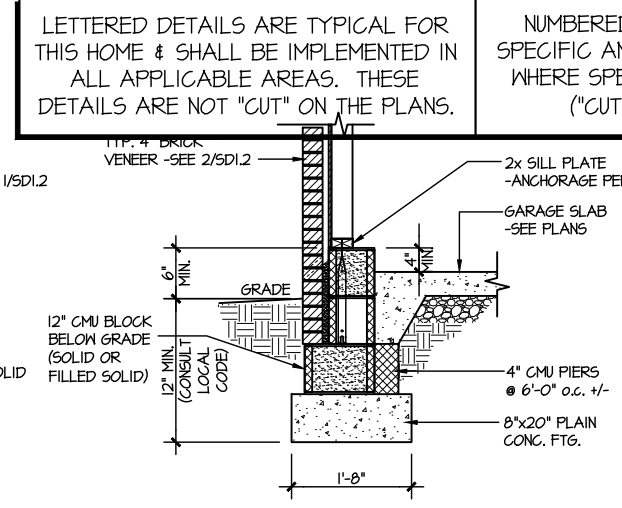
1 TYPICAL CRAWLSPACE FOUNDATION
SCALE: 3/8"=1'-0"



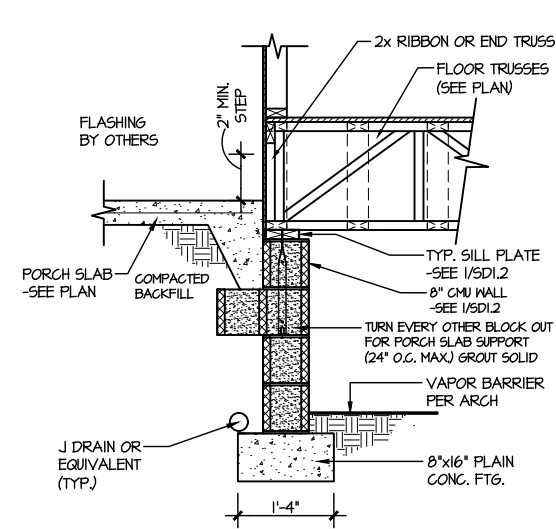
2 TYPICAL CRAWLSPACE FOUNDATION
SCALE: 3/8"=1'-0" w/ BRICK VENEER



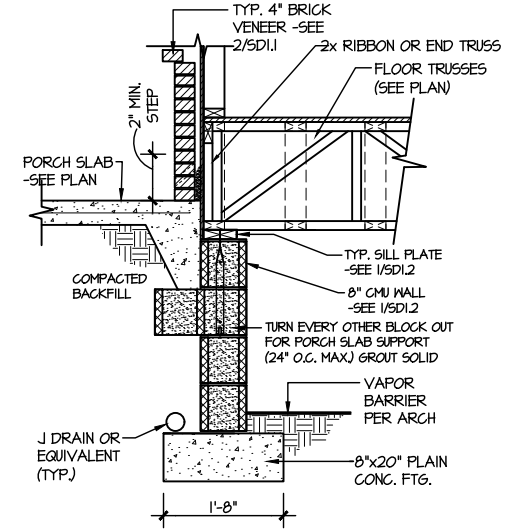
3 TYPICAL GARAGE FOUNDATION
SCALE: 3/8"=1'-0"



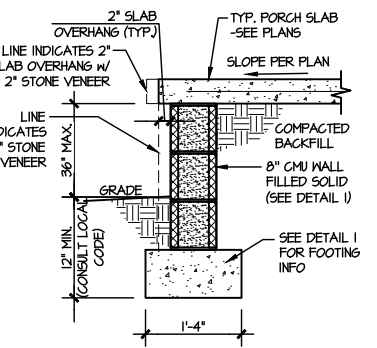
4 TYPICAL GARAGE FOUNDATION
SCALE: 3/8"=1'-0" w/ BRICK VENEER



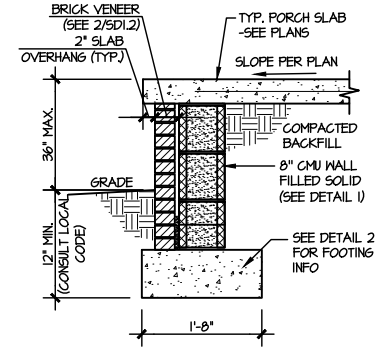
5 TYPICAL CRAWLSPACE FOUNDATION @ PORCH/PATIO SLAB
SCALE: 3/8"=1'-0"
(REFER TO DETAIL 12 FOR WOOD PORCH OPTION)



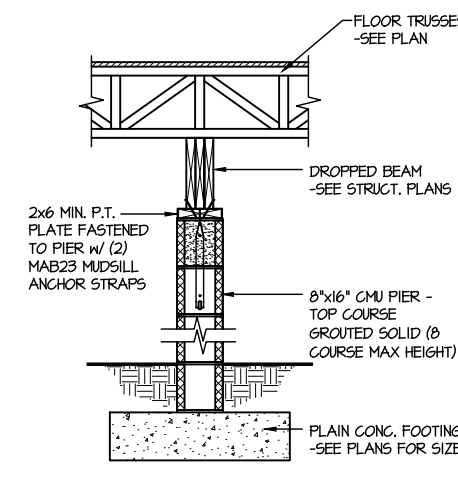
6 TYPICAL CRAWLSPACE FOUNDATION @ PORCH/PATIO SLAB
SCALE: 3/8"=1'-0" w/ BRICK VENEER



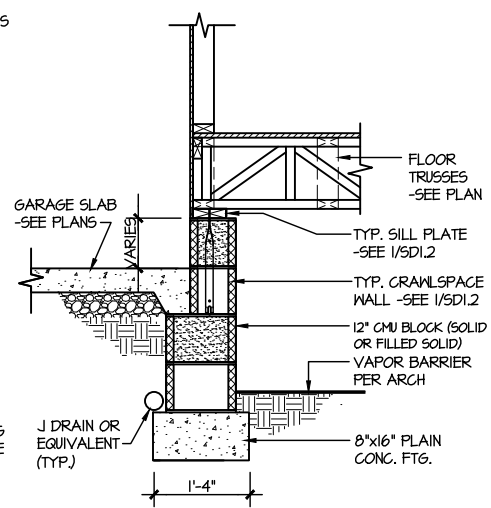
7A TYP. FOOTING @ PORCH SLAB
SCALE: 3/8"=1'-0"



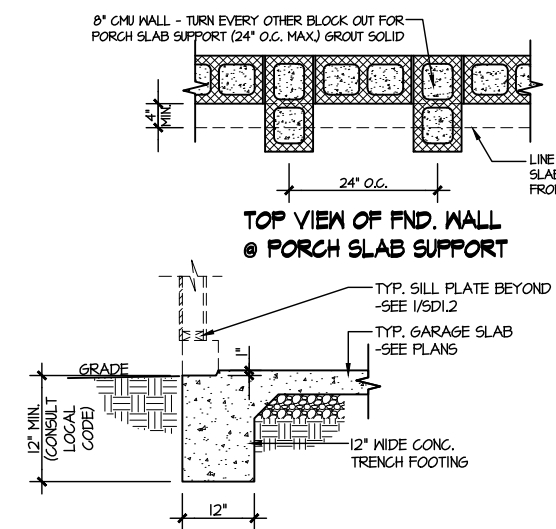
7B TYP. FOOTING @ PORCH SLAB
SCALE: 3/8"=1'-0" w/ BRICK VENEER



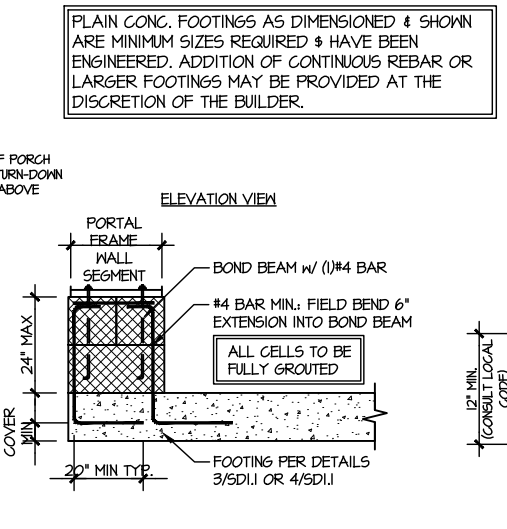
8 TYPICAL CRAWLSPACE FND. @ INTERIOR PIER
SCALE: 3/8"=1'-0"



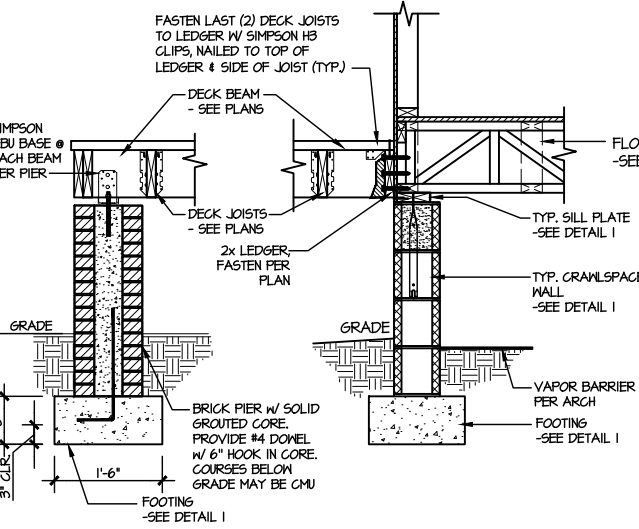
9 TYPICAL CRAWLSPACE FOUNDATION @ GARAGE
SCALE: 3/8"=1'-0"



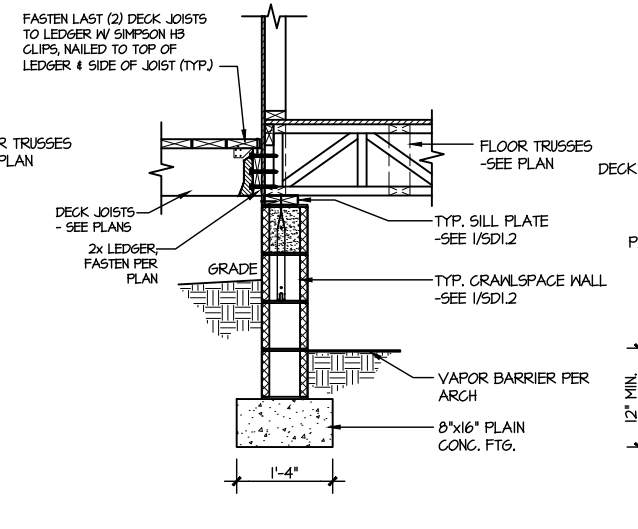
10 TYPICAL SLAB ON GRADE GARAGE ENTRY @ PERIMETER FOOTING
SCALE: 3/8"=1'-0"



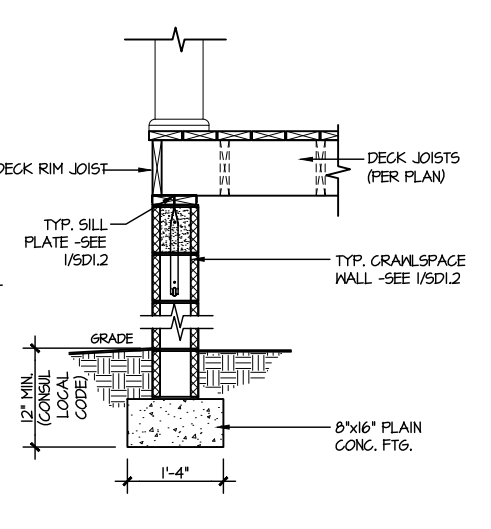
A GARAGE PORTAL FRAME STEM WALL REINFORCEMENT
SCALE: 3/8"=1'-0"



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

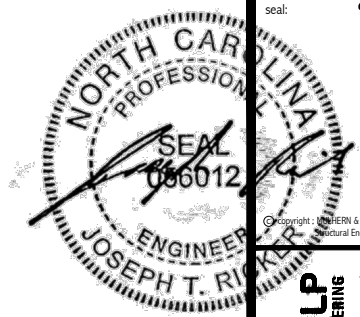


12 TYPICAL CRAWLSPACE FOUNDATION @ WOOD PORCH/DECK
SCALE: 3/8"=1'-0"



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

FILE: RLH - Honeycutt Hills - Lot 28 - Structural DATE: 9/5/2024 10:15 AM



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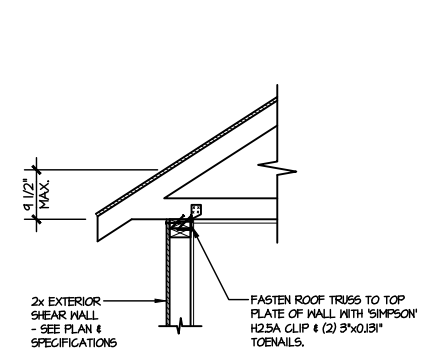
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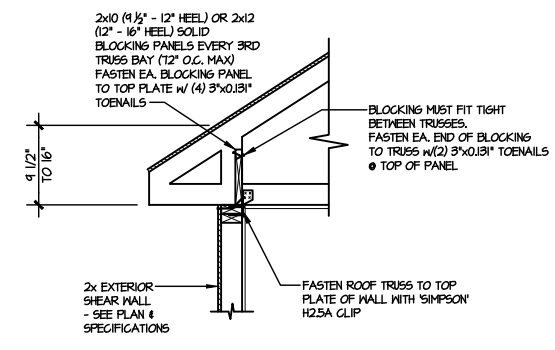
DRB
HOMES

FRAMING DETAILS
HONEYCUTT HILLS
LOT 28 - STONEFIELD 7
RALEIGH, NC

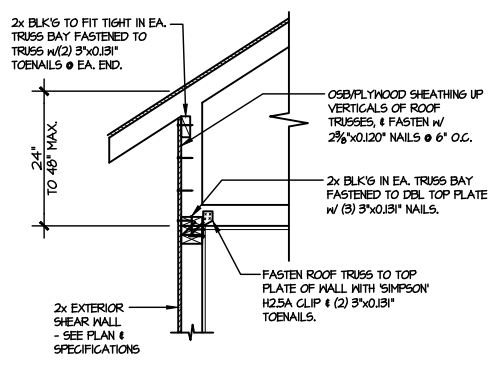
sheet:
SD2.0



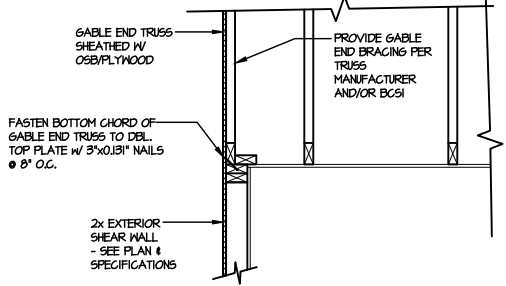
A1 TYPICAL SHEAR TRANSFER DETAIL @ ROOF
SCALE: 3/8"=1'-0"
HEEL HEIGHT LESS THAN 9 1/2"
NO BLOCKING REQ'D



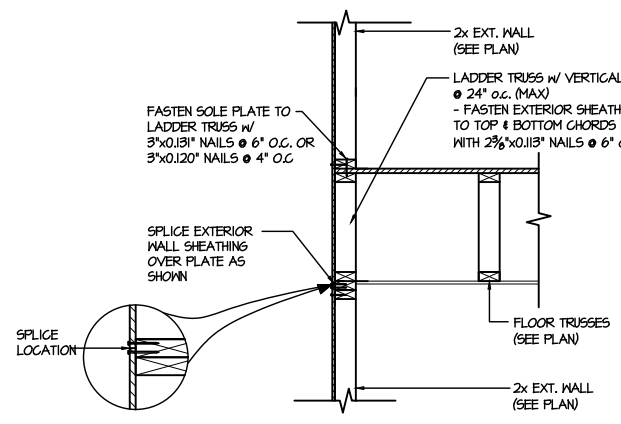
A2 TYPICAL SHEAR TRANSFER DETAIL @ ROOF
SCALE: 3/8"=1'-0"
HEEL HEIGHT BETWEEN 9 1/2" - 16"
BLOCKING REQ'D



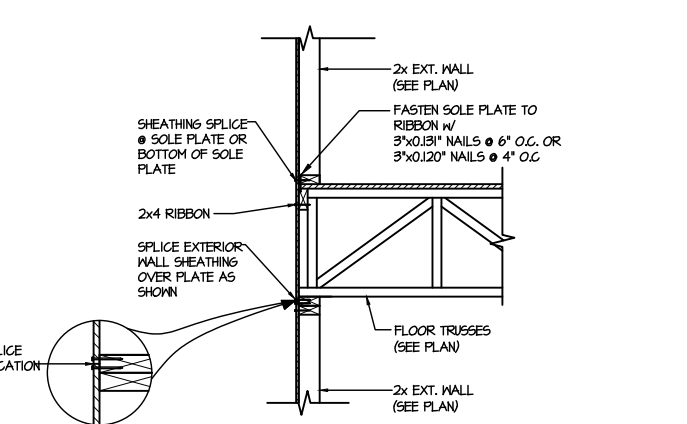
A3 TYPICAL SHEAR TRANSFER DETAIL @ RAISED HEEL TRUSS
SCALE: 3/8"=1'-0"
HEEL HEIGHT UP TO 48" MAX.



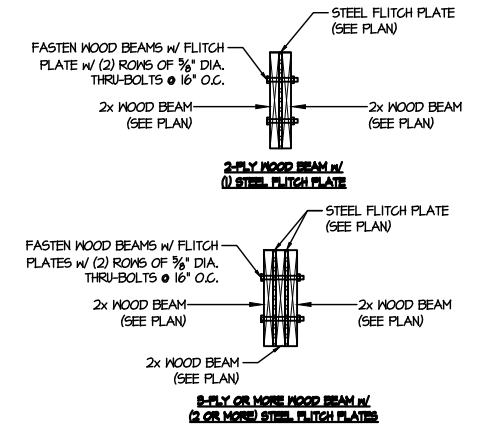
B TYPICAL GABLE END DETAIL
SCALE: 3/8"=1'-0"



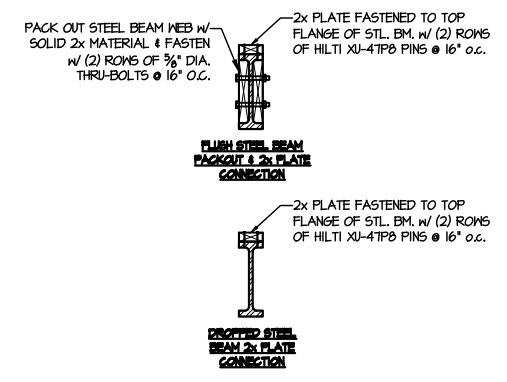
C1 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL
SCALE: 3/8"=1'-0"
PARALLEL FRAMING



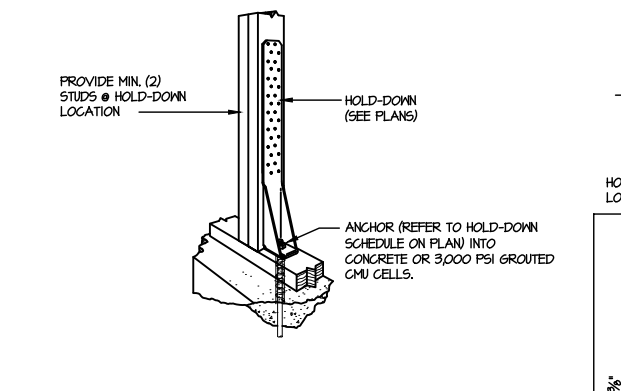
C2 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL
SCALE: 3/8"=1'-0"
PERPENDICULAR FRAMING



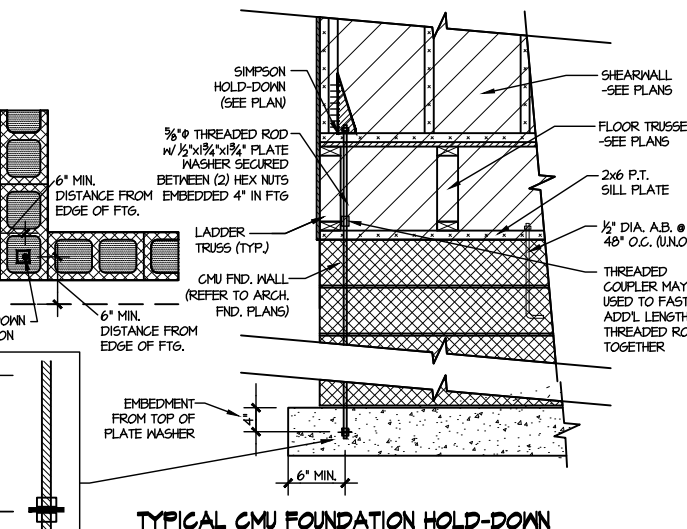
D TYPICAL FITCH BEAM CONNECTION DETAIL
SCALE: 3/4"=1'-0"



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



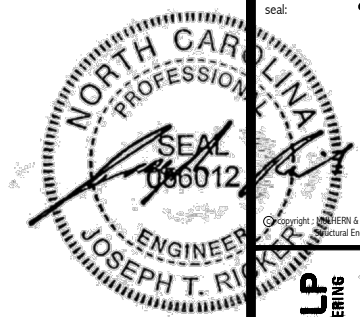
F1 TYPICAL HOLD DOWN INSTALLATION
SCALE: N.T.S.



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.



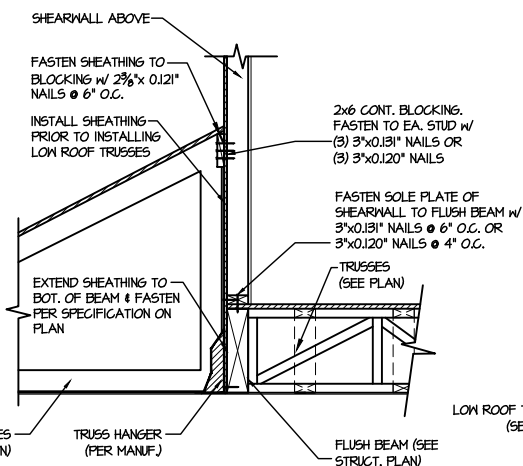
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M&K project number:
126-23047
project mgr: JTR
drawn by: TEW
issue date: 08-30-24

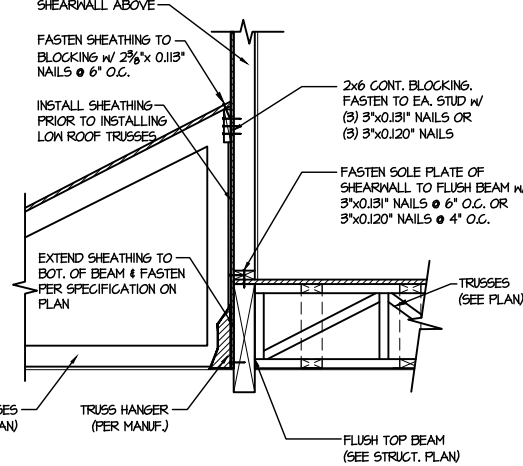
REVISIONS:
date: initial:

DRB
HOMES

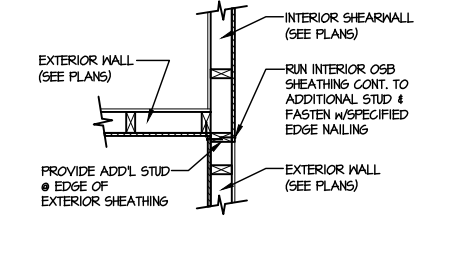
FRAMING DETAILS
HONEYCUTT HILLS
LOT 28 - STONEFIELD 7
RALEIGH, NC



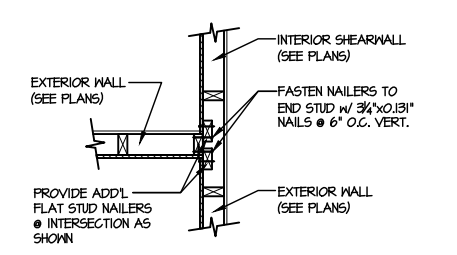
1 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



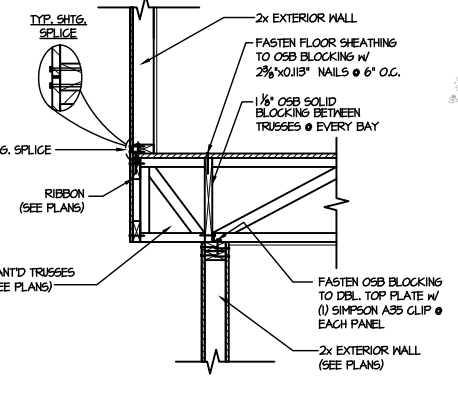
2 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



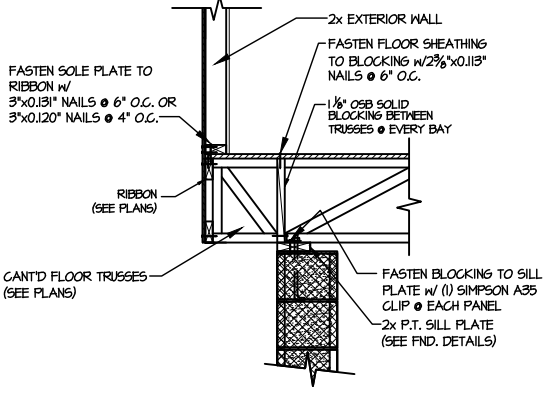
3 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL
SCALE: 3/4"=1'-0" SHTG. OPPOSITE FACES



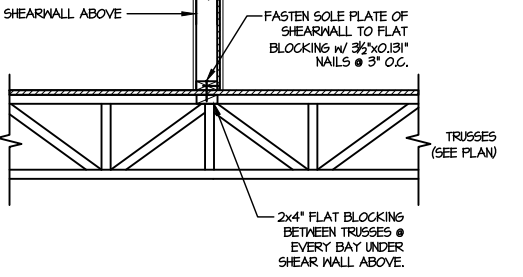
4 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL
SCALE: 3/4"=1'-0" SHTG. ON SAME FACE



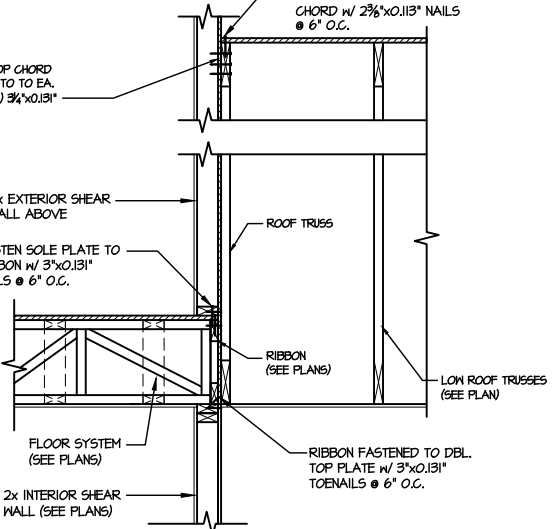
5 SHEAR TRANSFER DETAIL BETWEEN FLOORS @ CANT'D EXT. WALL
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



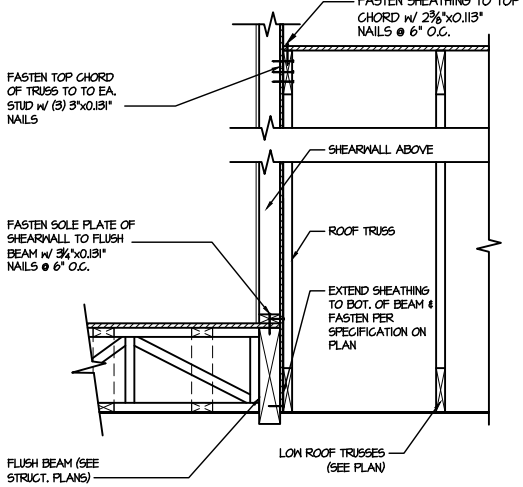
6 SHEAR TRANSFER DETAIL @ CANT'D EXTERIOR WALL
SCALE: 3/4"=1'-0"



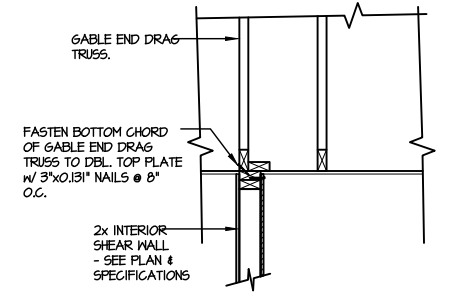
7 SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



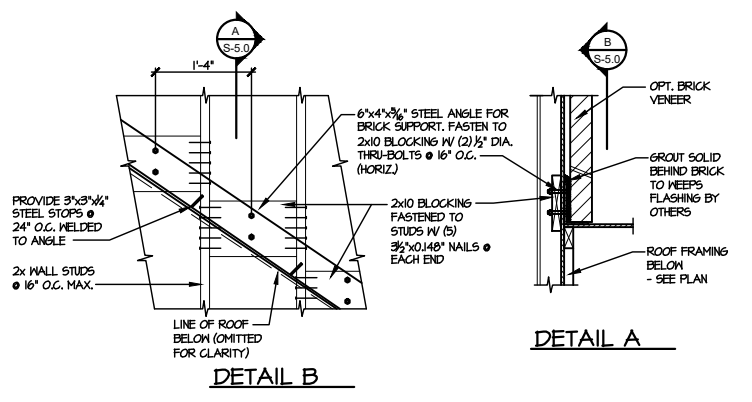
8 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



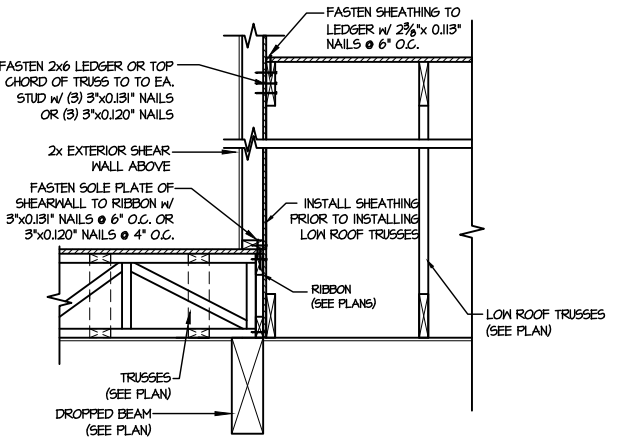
9 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



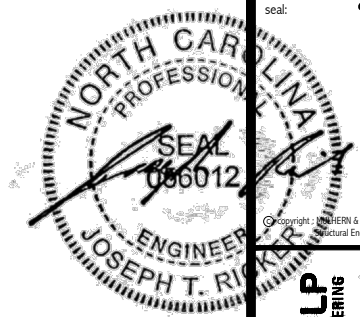
10 INTERIOR GABLE END DETAIL
SCALE: 3/4"=1'-0"



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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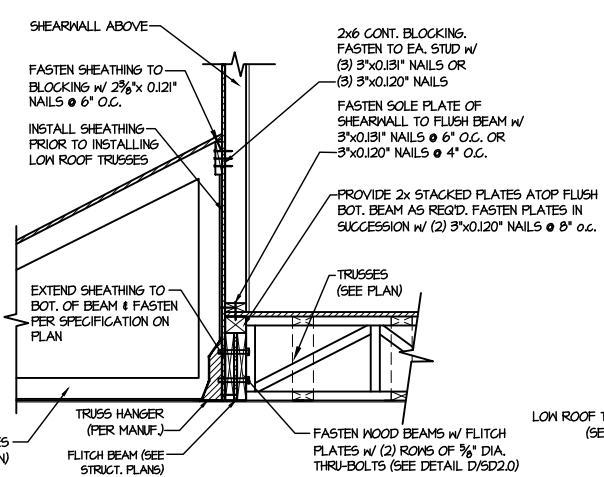
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126-23047
project mgr: JTR
drawn by: TEW
issue date: 08-30-24

REVISIONS:
date: initial:

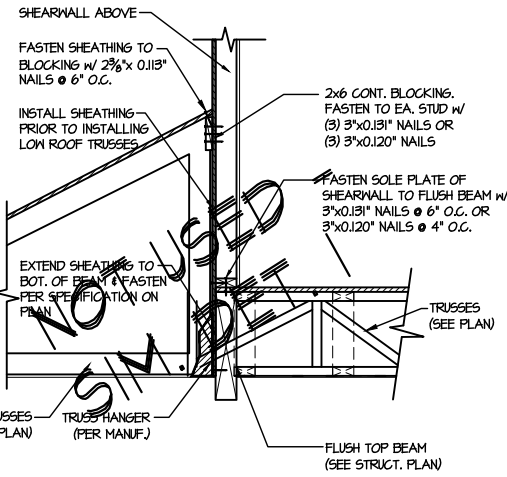
DRB
HOMES

FRAMING DETAILS
HONEYCUTT HILLS
LOT 28 - STONEFIELD 7
RALEIGH, NC

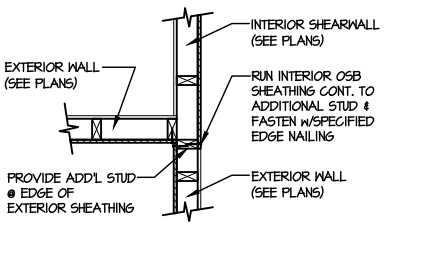
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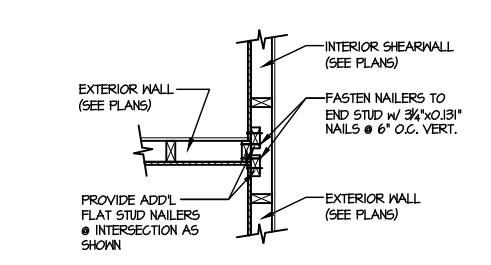
1 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



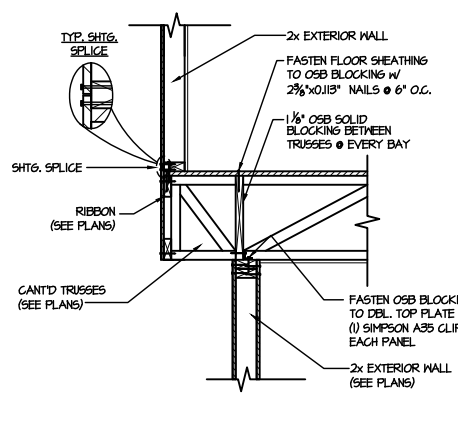
2 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



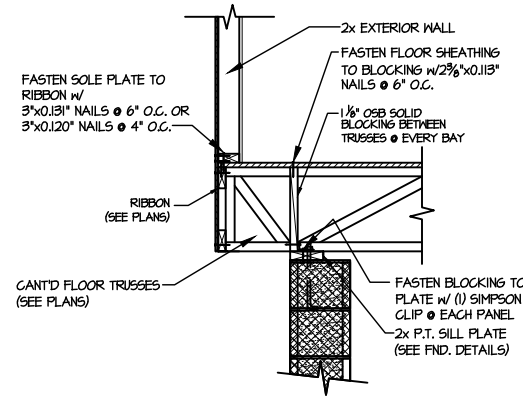
3 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL
SCALE: 3/4"=1'-0" SHTG. OPPOSITE FACES



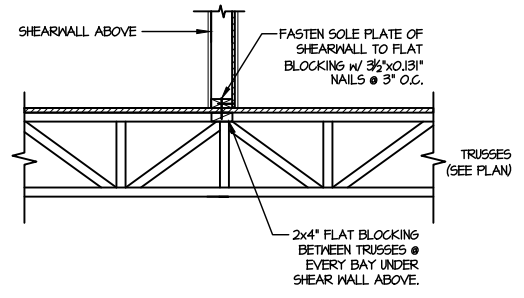
4 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL
SCALE: 3/4"=1'-0" SHTG. ON SAME FACE



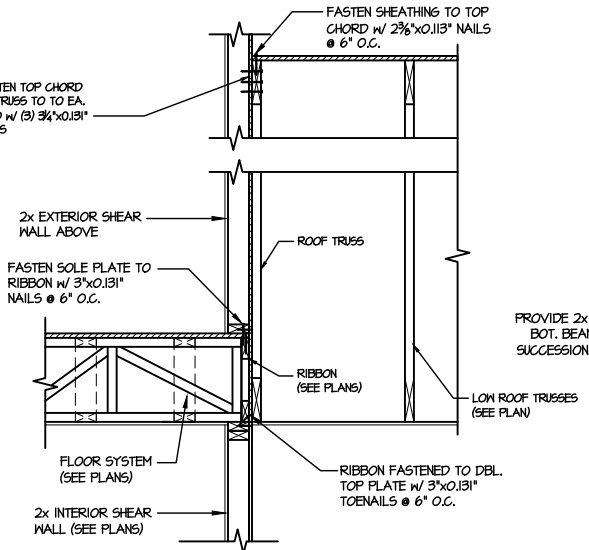
5 SHEAR TRANSFER DETAIL BETWEEN FLOORS @ CANT'D EXT. WALL
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



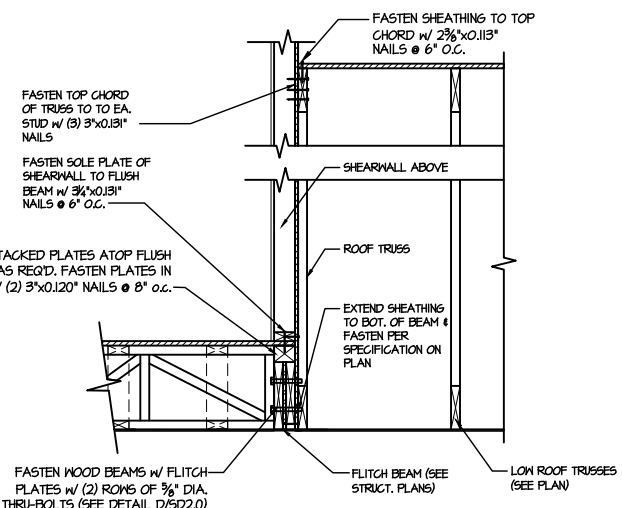
6 SHEAR TRANSFER DETAIL @ CANT'D EXTERIOR WALL
SCALE: 3/4"=1'-0"



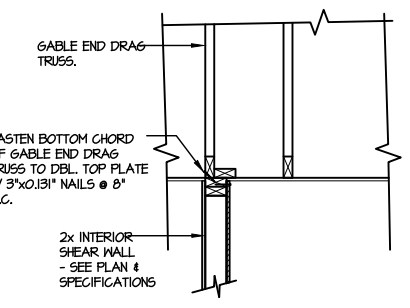
7 SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



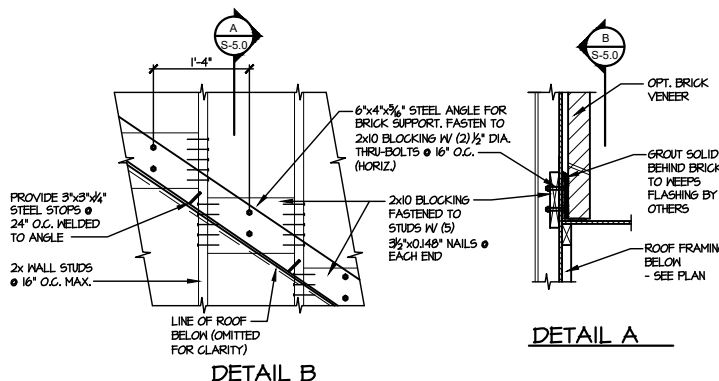
8 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



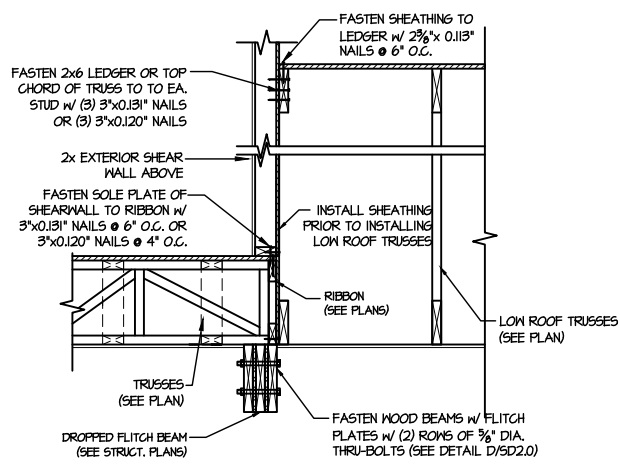
9 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



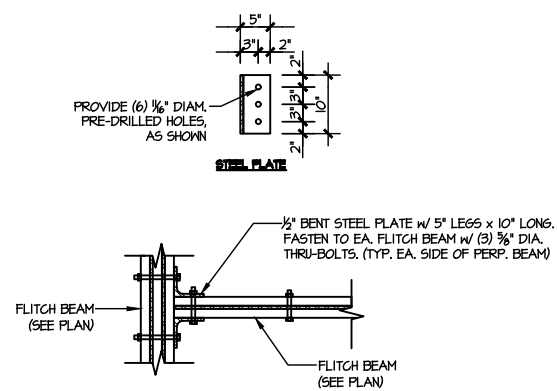
10 INTERIOR GABLE END DETAIL
SCALE: 3/4"=1'-0"



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

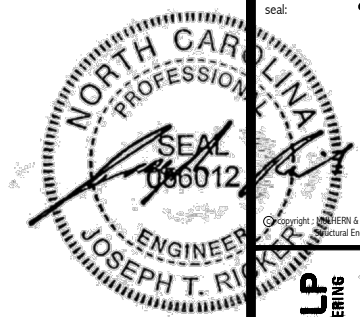


12 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



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

FILE: RLH - Honeycutt Hills - Lot 28 - Structural DATE: 9/5/2024 10:13 AM



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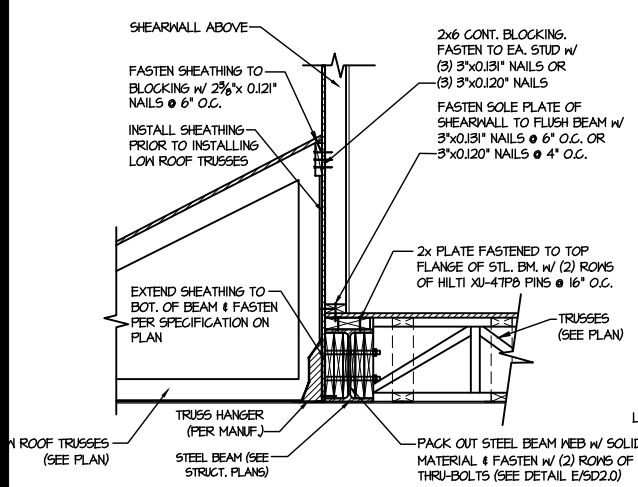
M&K project number:
126-23047
project mgr: JTR
drawn by: TEW
issue date: 08-30-24

REVISIONS:
date: initial:

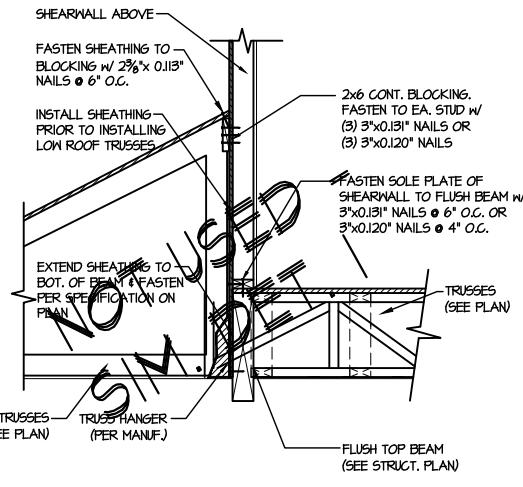
DRB
HOMES

FRAMING DETAILS
HONEYCUTT HILLS
LOT 28 - STONEFIELD 7
RALEIGH, NC

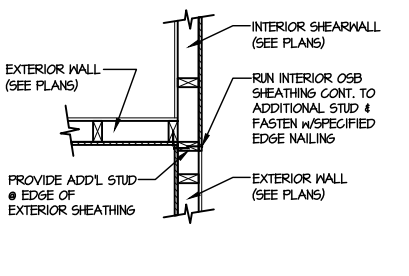
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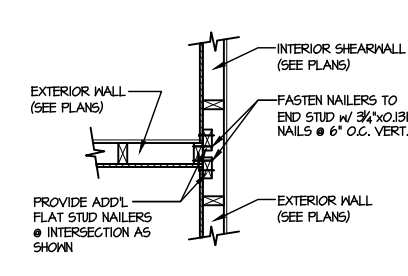
1 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



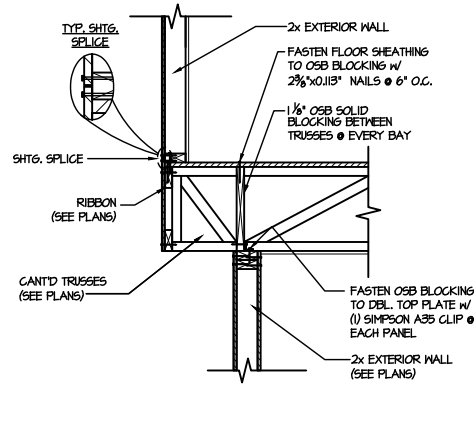
2 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



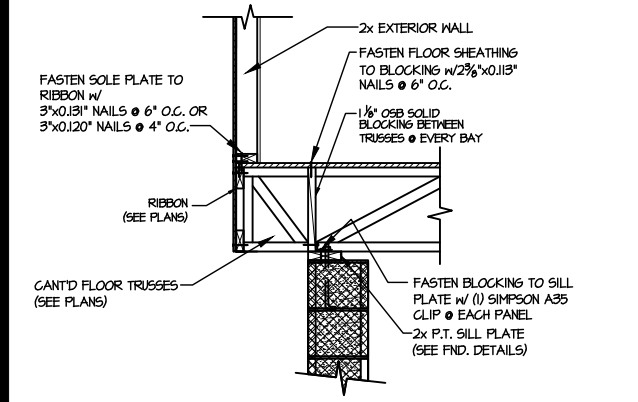
3 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL
SCALE: 3/4"=1'-0" SHTS. OPPOSITE PAGES



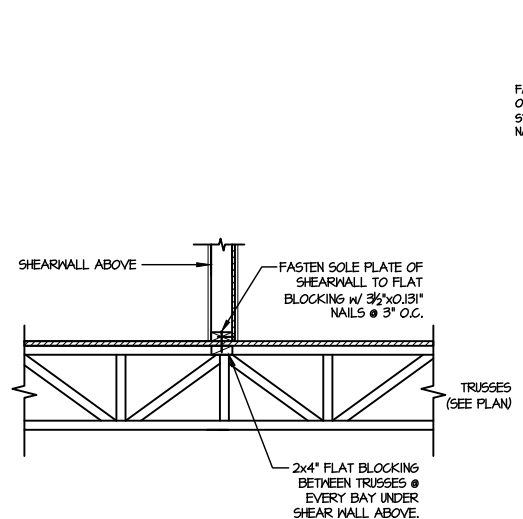
4 SHEAR TRANSFER DETAIL @ INTERSECTING INT. SHEARWALL
SCALE: 3/4"=1'-0" SHTS. ON SAME FACE



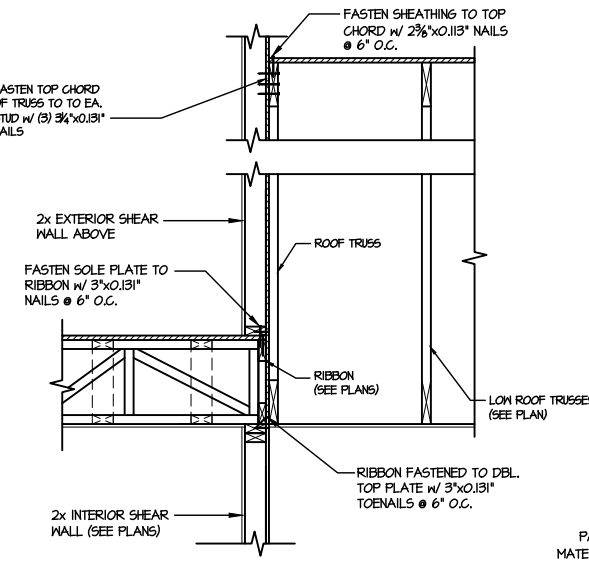
5 SHEAR TRANSFER DETAIL BETWEEN FLOORS @ CANT'D EXT. WALL
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



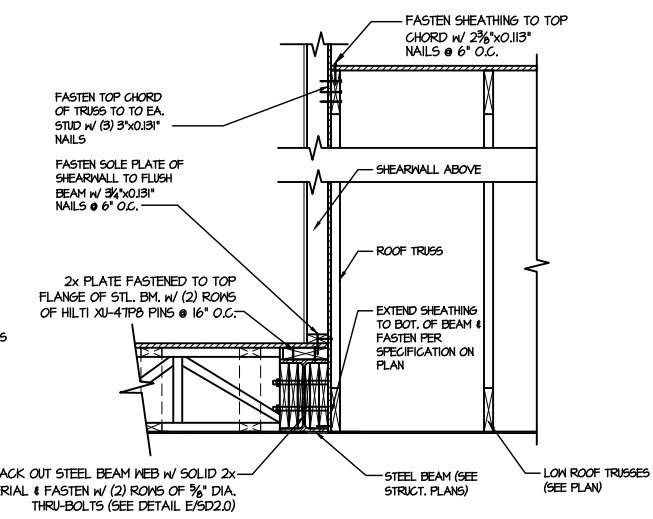
6 SHEAR TRANSFER DETAIL @ CANT'D EXTERIOR WALL
SCALE: 3/4"=1'-0"



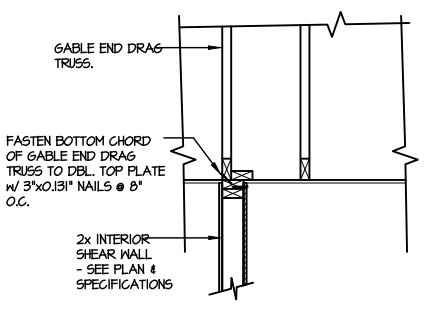
7 SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



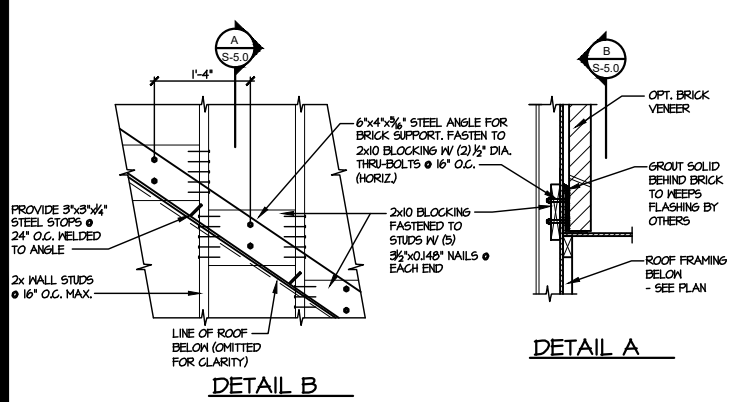
8 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



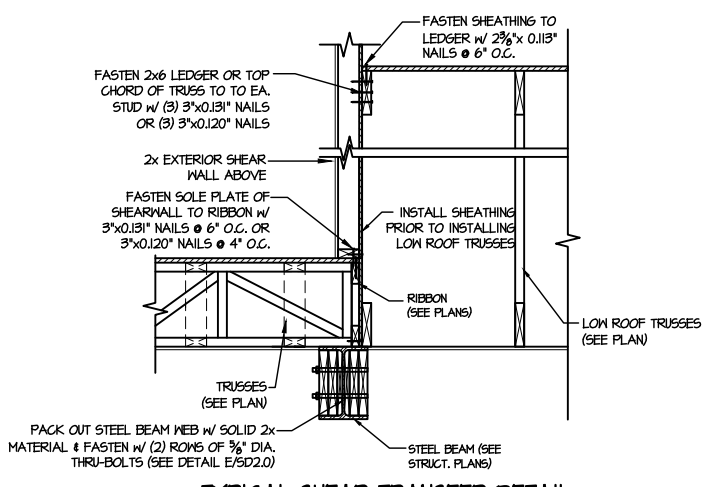
9 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



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

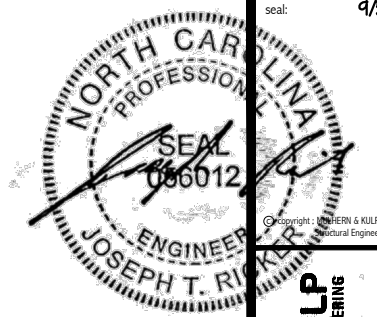


11 DETAIL SUPPORT OF BRICK VENEER
SCALE: 3/4"=1'-0"



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

FILE: RLH - Honeycutt Hills - Lot 28 - Structural DATE: 9/5/2024 10:15 AM

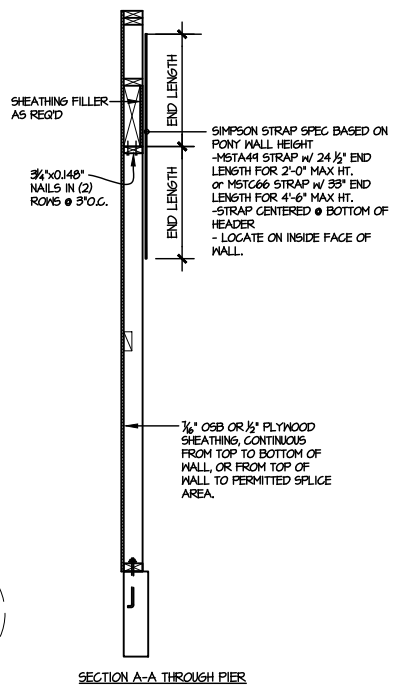
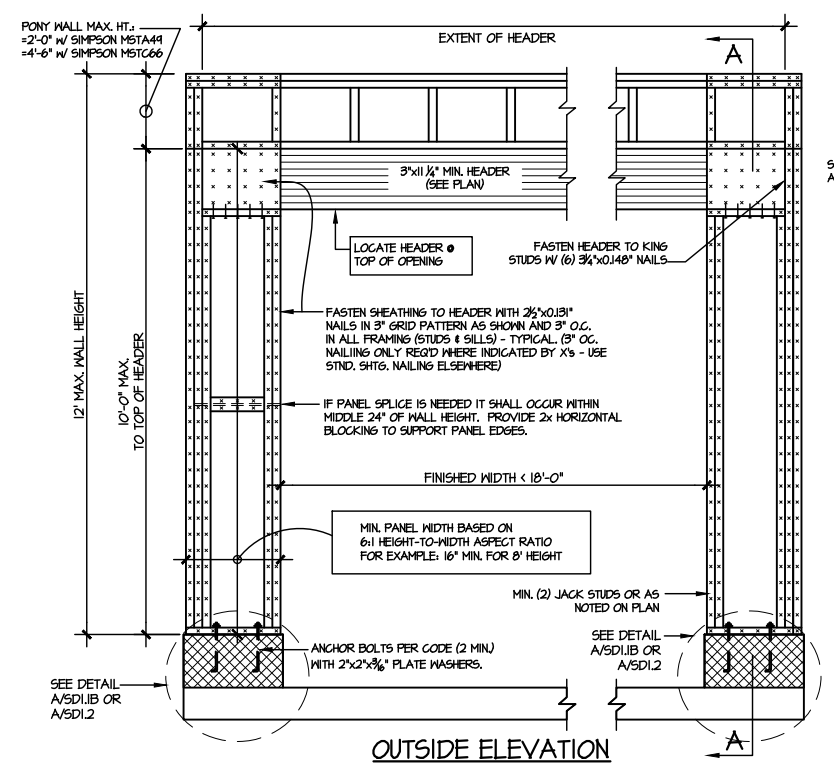


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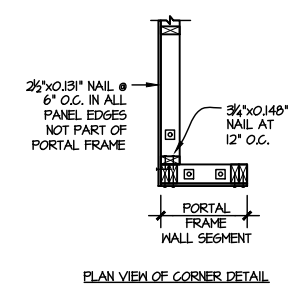
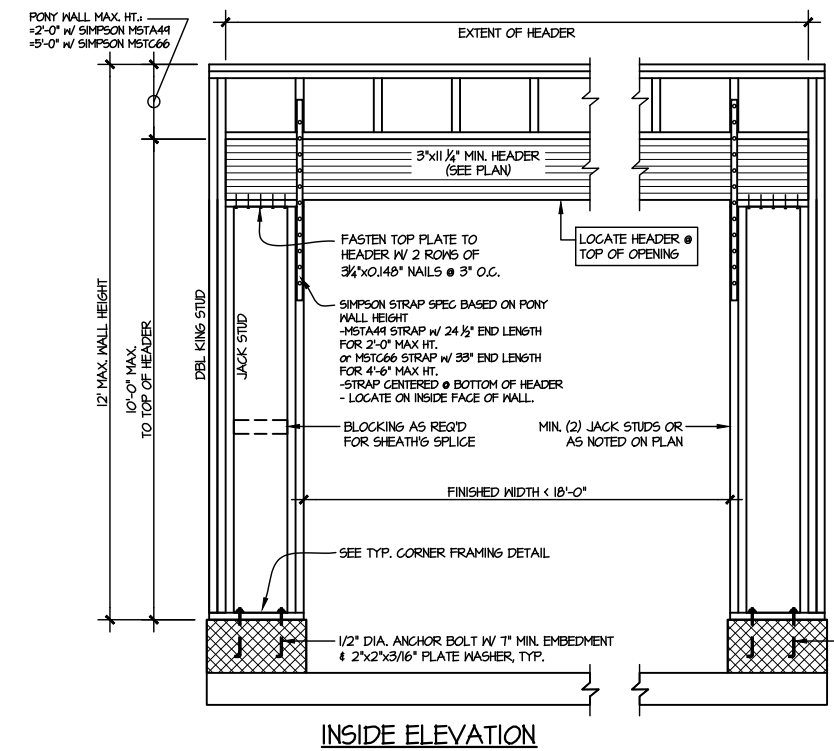
M&K project number:
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project mgr: JTR
drawn by: TEW
issue date: 08-30-24
REVISIONS:
date: initial:



FRAMING DETAILS
HONEYCUTT HILLS
LOT 28 - STONEFIELD 7
RALEIGH, NC

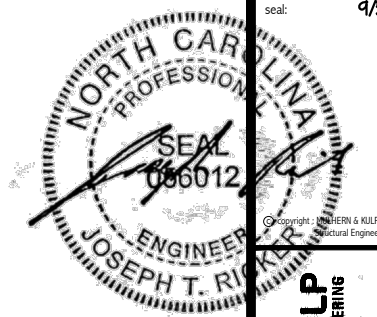


NOTE: ALL SHEATHABLE AREAS OF EXTERIOR WALL SHALL BE FULLY SHEATHED WITH 1/2" PLYWOOD OR 3/4" OSB



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.



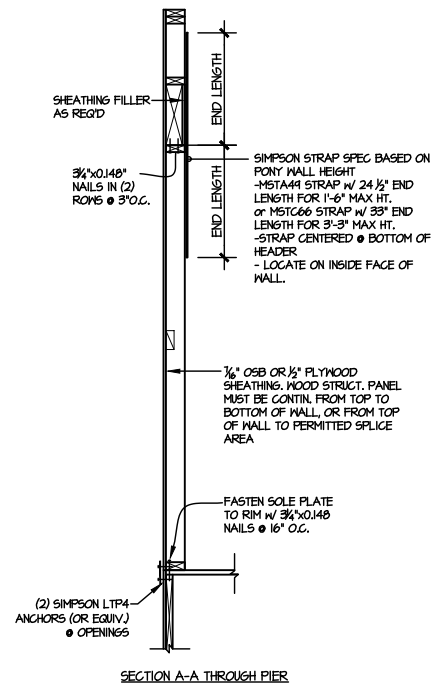
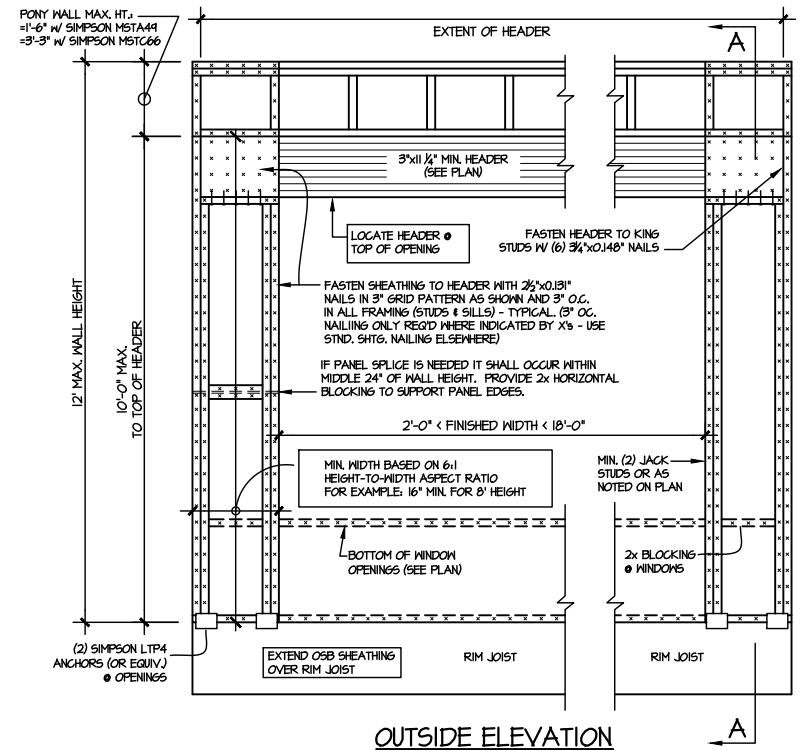
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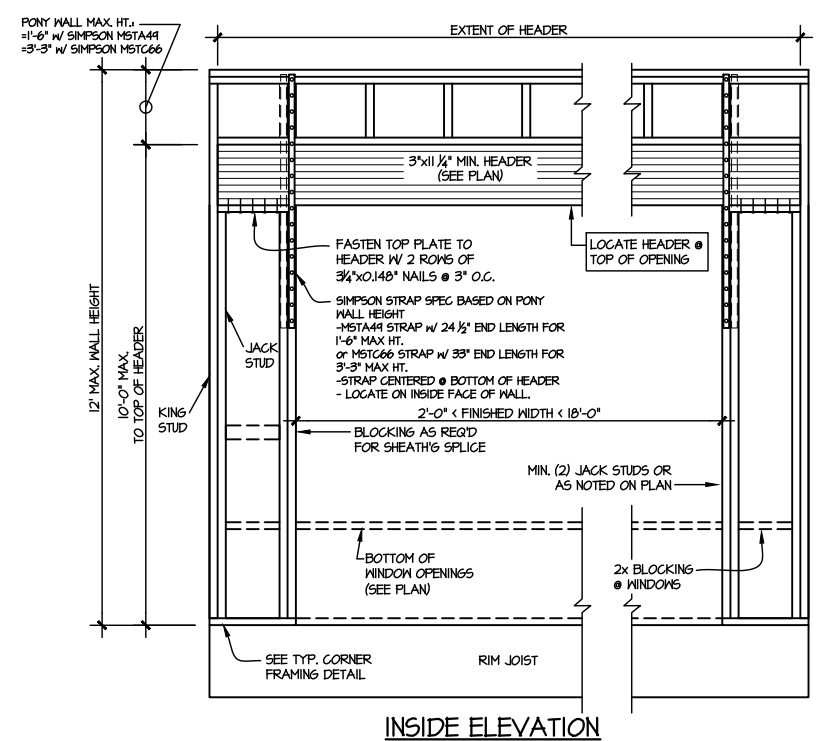
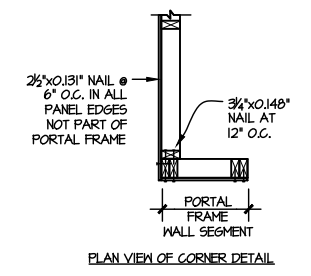
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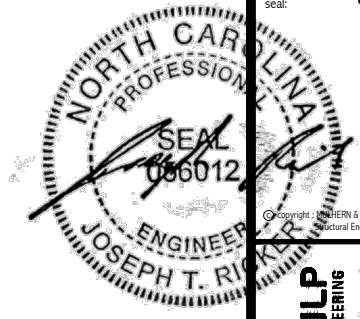
FRAMING DETAILS
HONEYCUTT HILLS
LOT 28 - STONEFIELD 7
RALEIGH, NC



NOTE: ALL SHEATHABLE AREAS OF EXTERIOR WALL SHALL BE FULLY SHEATHED WITH 1/2 PLYWOOD OR 3/8 OSB



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



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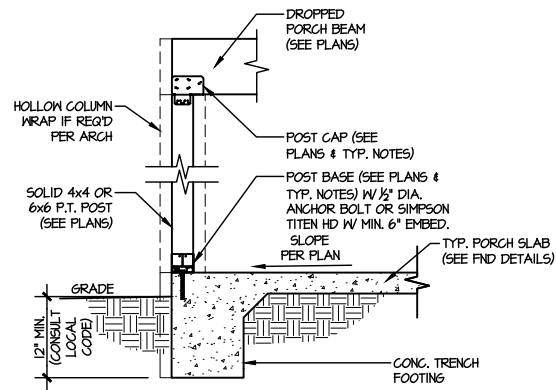
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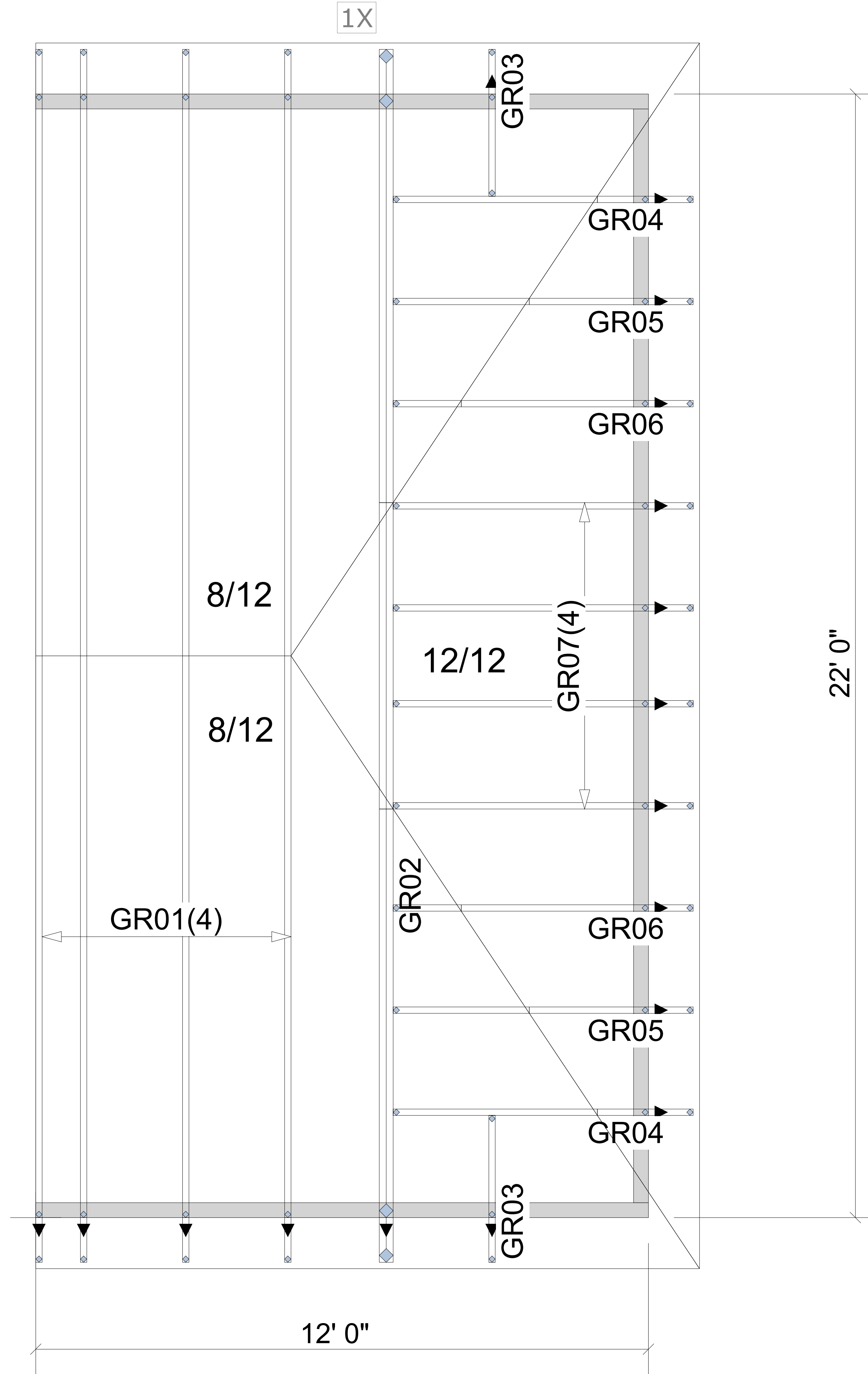
FRAMING DETAILS
HONEYCUTT HILLS
LOT 28 - STONEFIELD 7
RALEIGH, NC

sheet:
SD3.0



3 TYPICAL PORCH POST CONNECTION DETAIL
SCALE: NONE
SLAB ON GRADE SHOWN (SIM. @ CRAWL & BGMT.)

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



▲ = 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 0.0028 HONEYCUTT HILL

Plan Information:
STONEFIELD-7

NOT TO SCALE

Drawn By: CGT

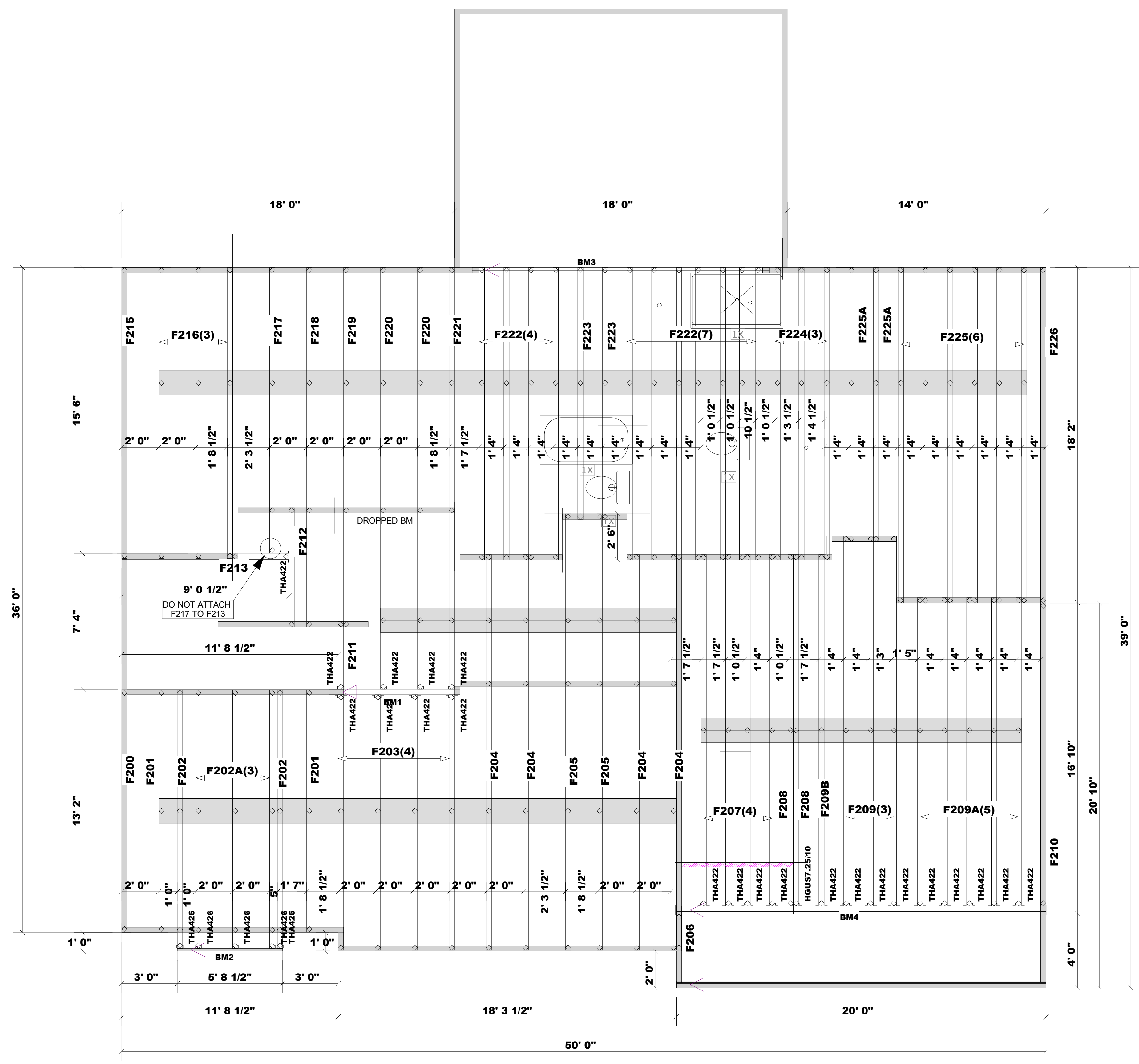
Date: 08/28/24

Job #: 24-7625-R01

Sales Rep: KYLE GIBSON
Phone:

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.



Truss Connector Total List

Manuf	Product	Qty
Simpson <td>THA422</td> <td>22</td>	THA422	22
Simpson <td>THA426</td> <td>5</td>	THA426	5

PlotID	Length	Product	Products		
			Plies	Net Qty	Fab Type
BM1	8' 0"	1-3/4" x 14" VERSA-LAM® 2.0 3100 SP	2	2	MFD
BM2	6' 0"	1-3/4" x 14" VERSA-LAM® 2.0 3100 SP	1	1	MFD
BM3	17' 0"	1-3/4" x 16" VERSA-LAM® 2.0 3100 SP	2	2	MFD
BM4	20' 0"	1-3/4" x 18" VERSA-LAM® 2.0 3100 SP	3	3	MFD

FOR PERMIT

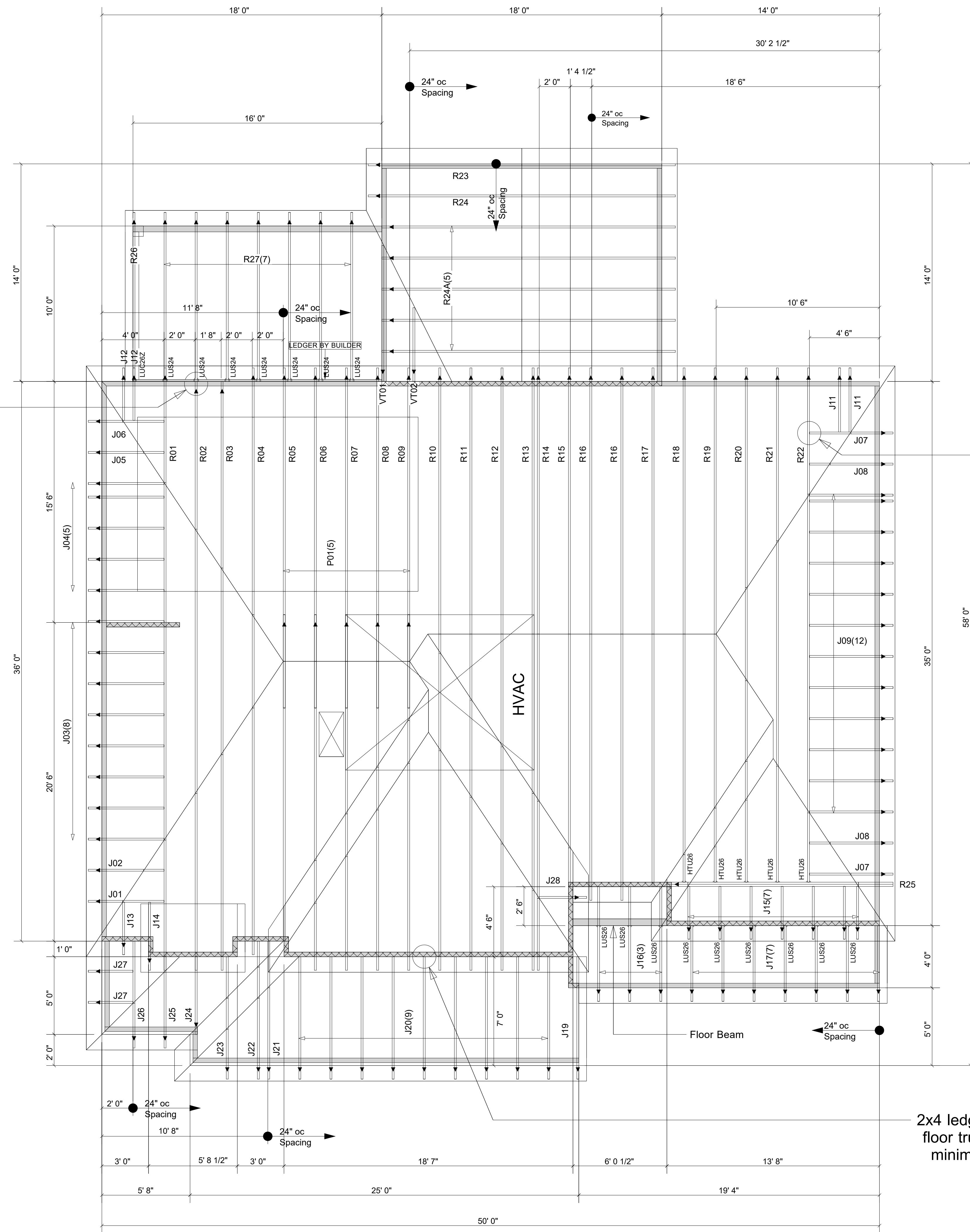
Client: **DRB GROUP-RALEIGH**
 Job: **LOT 0.0028 HONEYCUTT HILL**
 Plan Information: **STONEFIELD-7**

NOT TO SCALE
 Drawn By: CGT
 Date: 1-11-17
 Job #: 24-7625-F02
 Sales Rep: KYLE GIBSON
 Phone: 843-729-3249



1998 Cane Gully Road, Moncks Corner SC 29461
 Phone: (800) 475-3999 Fax (843) 565-3193
 Web: www.atlantibcs.com

The R02 and R03 overhangs must be added in the field.



For all small open-ended mono roof trusses, use (3) 10d toe nails in the top chord and (3) 10d toe nails in the bottom chord.

Truss Connector Total List		
Manuf	Product	Qty
Simpson	HTU26	5
Simpson	LUC26Z	1
Simpson	LUS24	7
Simpson	LUS26	9

2x4 ledger (by others) connected to floor trusses spaced 24" oc with a minimum of (4) .128x3.25" nails.

▲ = LEFT END OF TRUSS

FOR PERMIT

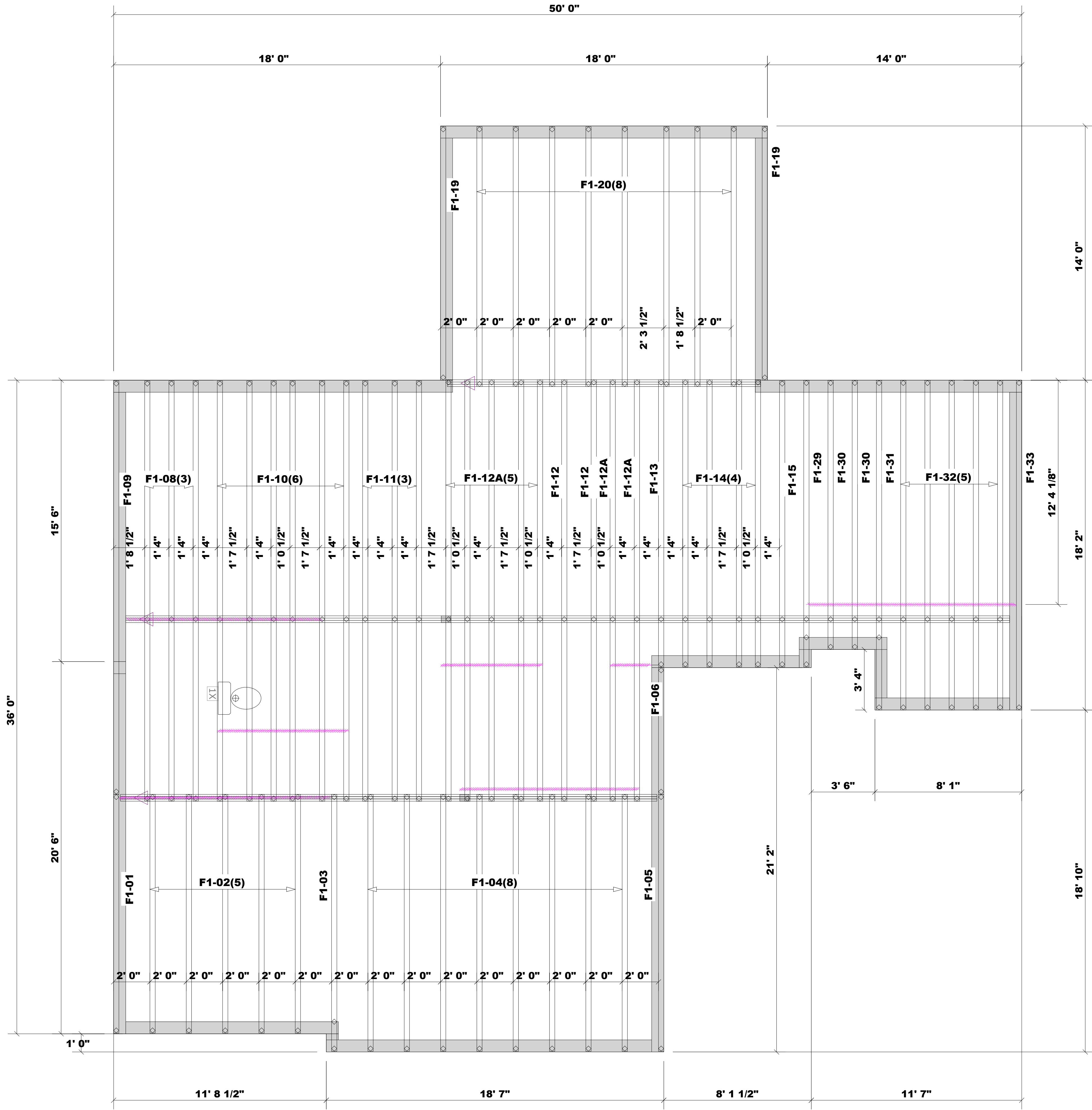
Client: DRB GROUP-RALEIGH
 Job: LOT 0.0028 HONEYCUTT HILL
 Plan Information: STONEFIELD-7

NOT TO SCALE
 Drawn By: CGT
 Date: 08/28/24
 Job #: 24-7625-R01
 Sales Rep: KYLE GIBSON
 Phone: 24-7625-R01

REVISIONS:



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



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

FOR PERMIT

Client: DRB GROUP-RALEIGH	
Job: LOT 0.0028 HONEYCUTT HILL	
Plan Information: STONEFIELD-7	
NOT TO SCALE	Date: 08/28/24
Drawn By: CGT	Job #: Sales Rep: KYLE GIBSON
	24-7625-F01 Phone: 864-304-3282

REVISIONS:



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

FLOOR