

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



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

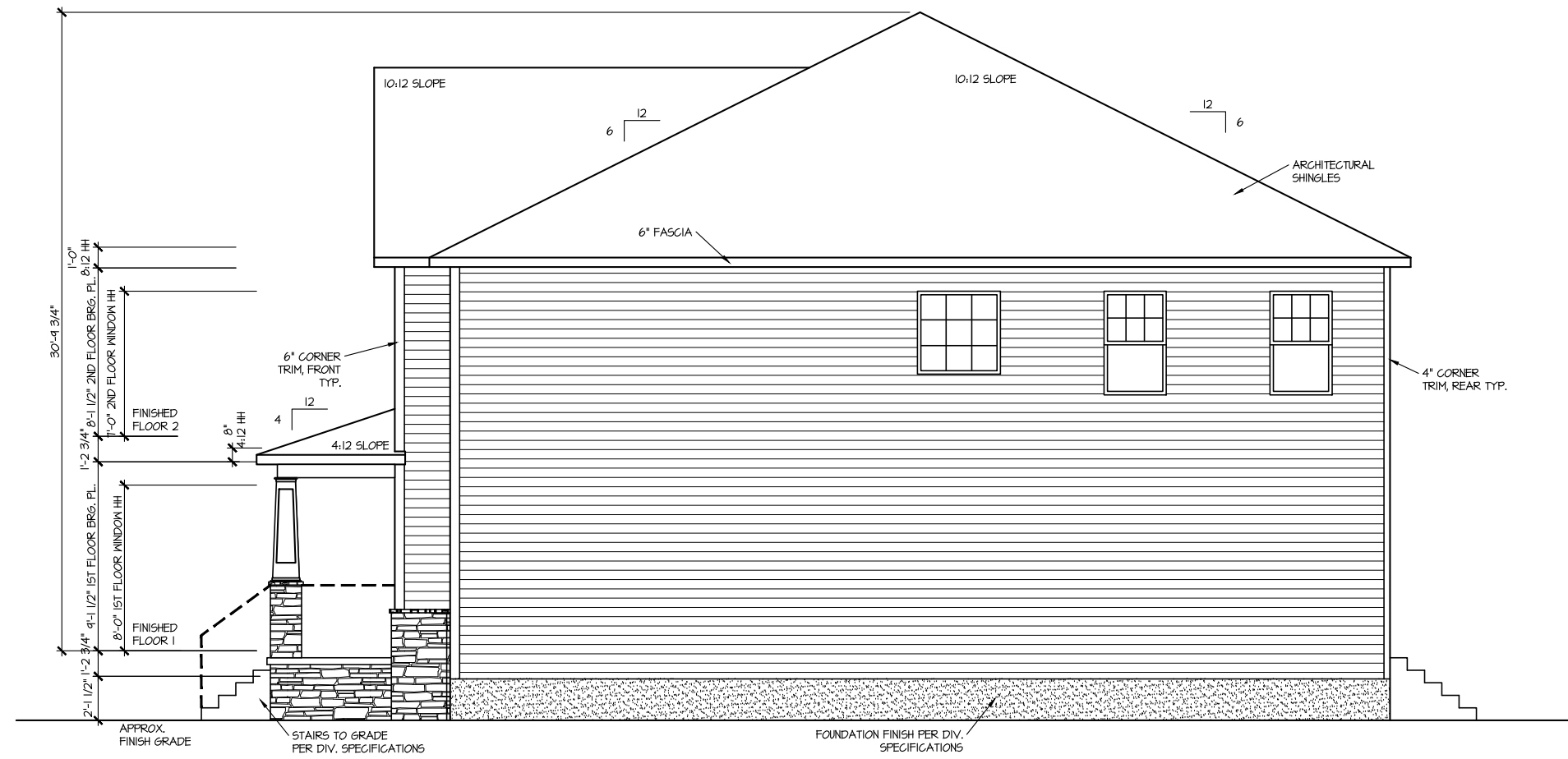
MASTER PLAN INFORMATION		UPDATED DATE
REVISION	DATE	07-20-2023
1	03-03-2023	

DRAWN BY:	ITS
DATE:	03/07/2024
PLAN NO.	2993



HOUSE NAME:	JORDAN
DRAWING TITLE	FRONT & REAR ELEVATIONS

SHEET No.	A.II
-----------	------



RIGHT ELEVATION 3

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



LEFT ELEVATION 3

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

MASTER PLAN INFORMATION	
REVISION	DATE
1	03-03-2023
	07-20-2023

DRAWN BY:
ITS
DATE:
03/07/2024
PLAN NO.
2993

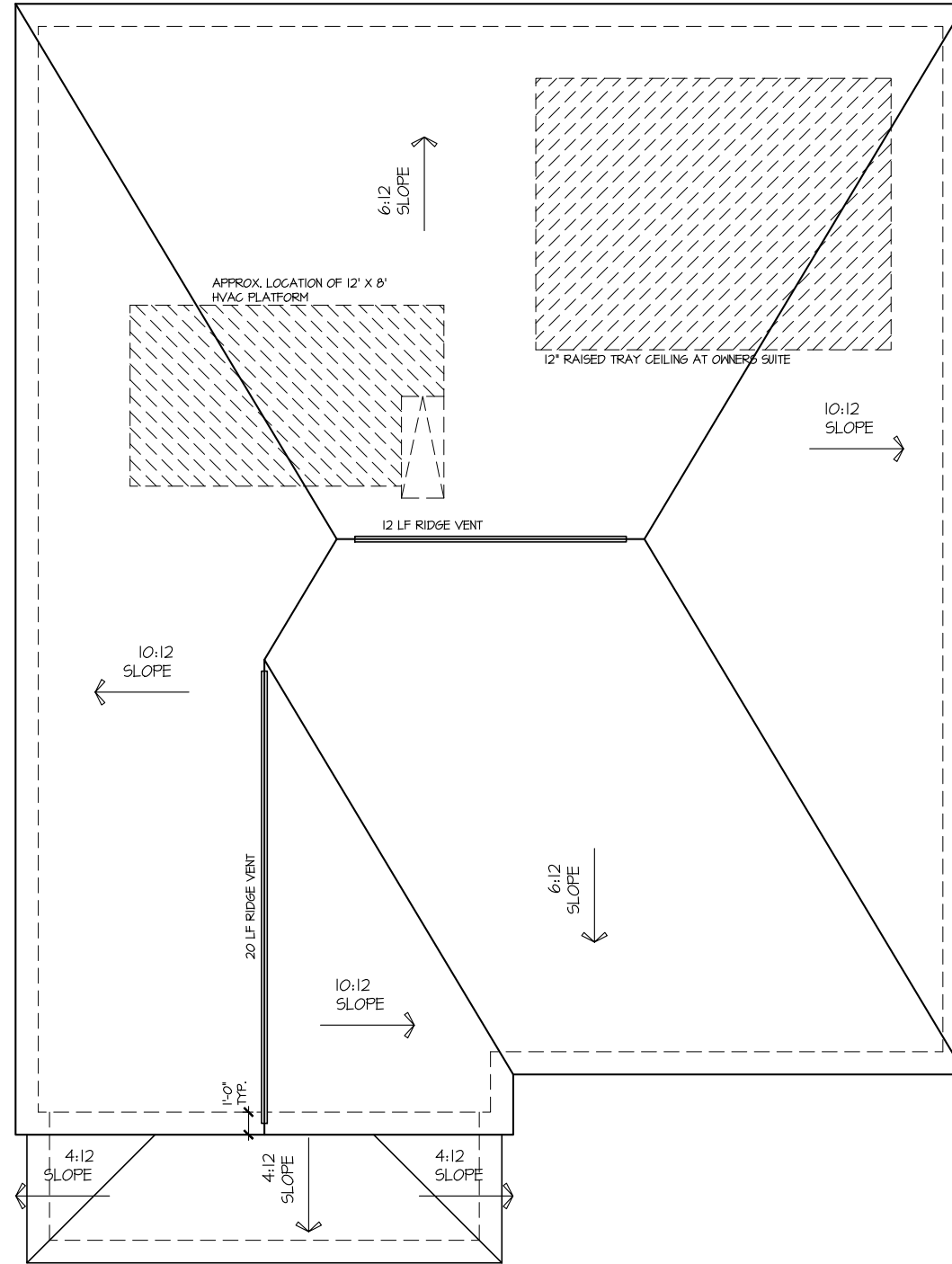


HOUSE NAME:
JORDAN
DRAWING TITLE
RIGHT & LEFT ELEVATIONS

SHEET No.
A1.2

UPPER ROOF VENTILATION CALCULATIONS:

ROOF AREA = 1744 SQ. FT.
 OVERALL REQUIRED VENTILATION:
 1 TO 150 = 11.96 SQ. FT.
 1 TO 300 = 5.98 SQ. FT.
 50-80% IN TOP THIRD = 2.99 - 4.78 SQ. FT. (1 TO 300)
 NET FREE AREA OF VENTED SOFFIT = 5.1 SQ. IN. / LINEAR FT.
 NET FREE AREA OF RIDGE VENT = 18 SQ. IN. / LINEAR FT.
 LOWER VENTING (BOTTOM 2/3 RISE):
 54 LINEAR FEET OF SOFFIT X 5.1 SQ. IN. = 6.24 SQ. FT.
 UPPER VENTING (TOP 1/3 RISE):
 32 LINEAR FEET OF RIDGE X 18 SQ. IN. = 4.0 SQ. FT.
 4.0 SQ. FT. BETWEEN 50% - 80%
 (1 TO 300 ALLOWED)
 TOTAL ROOF VENTILATION: 10.24 SQ. FT. + 5.98 SQ. FT. (R2D)



ROOF PLAN ELEV. 3
 SCALE: 1/8" = 1'-0"

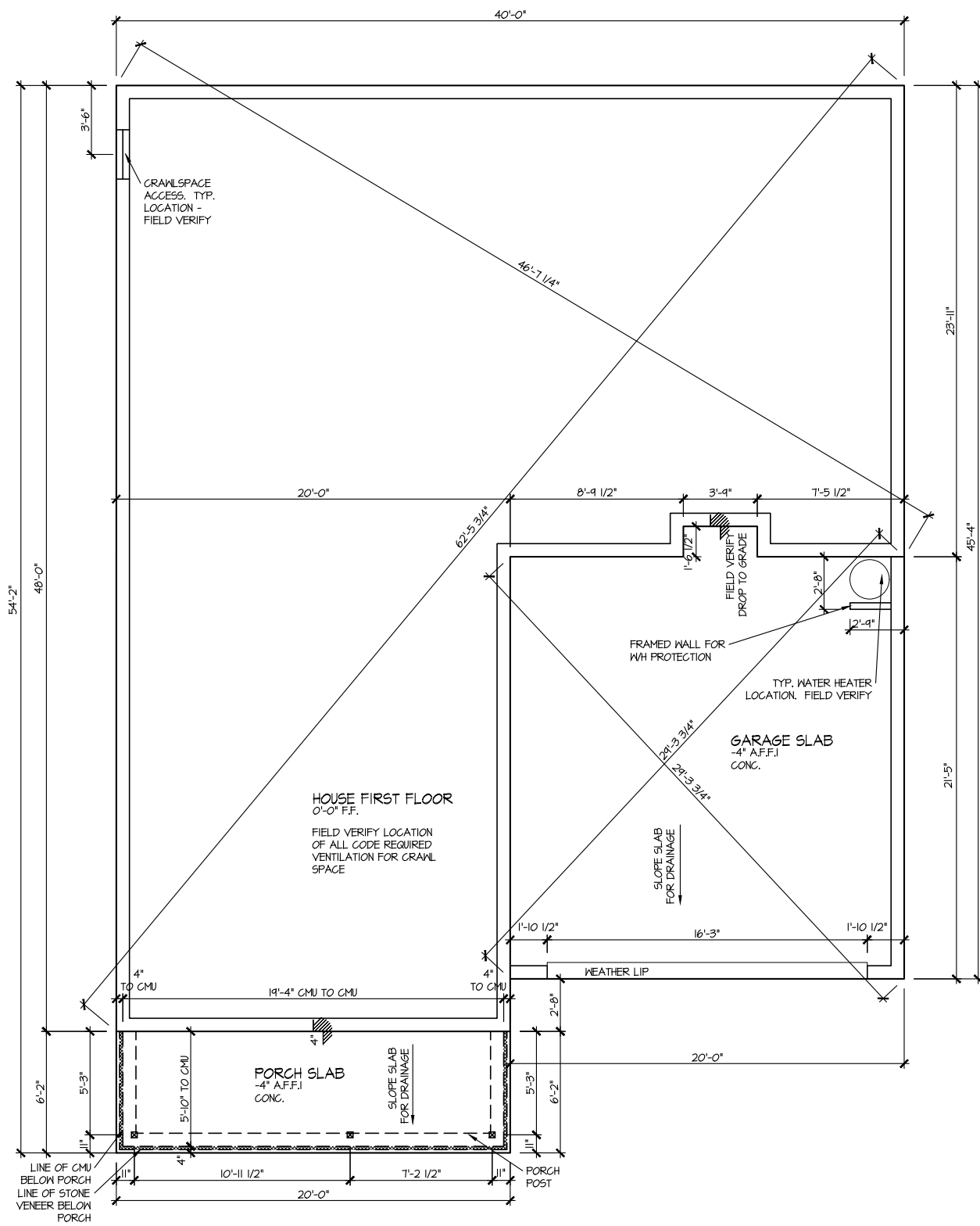
MASTER PLAN INFORMATION		UPDATED DATE
REVISION	DATE	
1	03-03-2023	07-20-2023

DRAWN BY: ITS
 DATE: 03/07/2024
 PLAN NO. 2993



HOUSE NAME: JORDAN
 DRAWING TITLE: ROOF PLAN

SHEET No. A1.3



**ELEVATION 3
CRAWLSPACE PLAN**

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

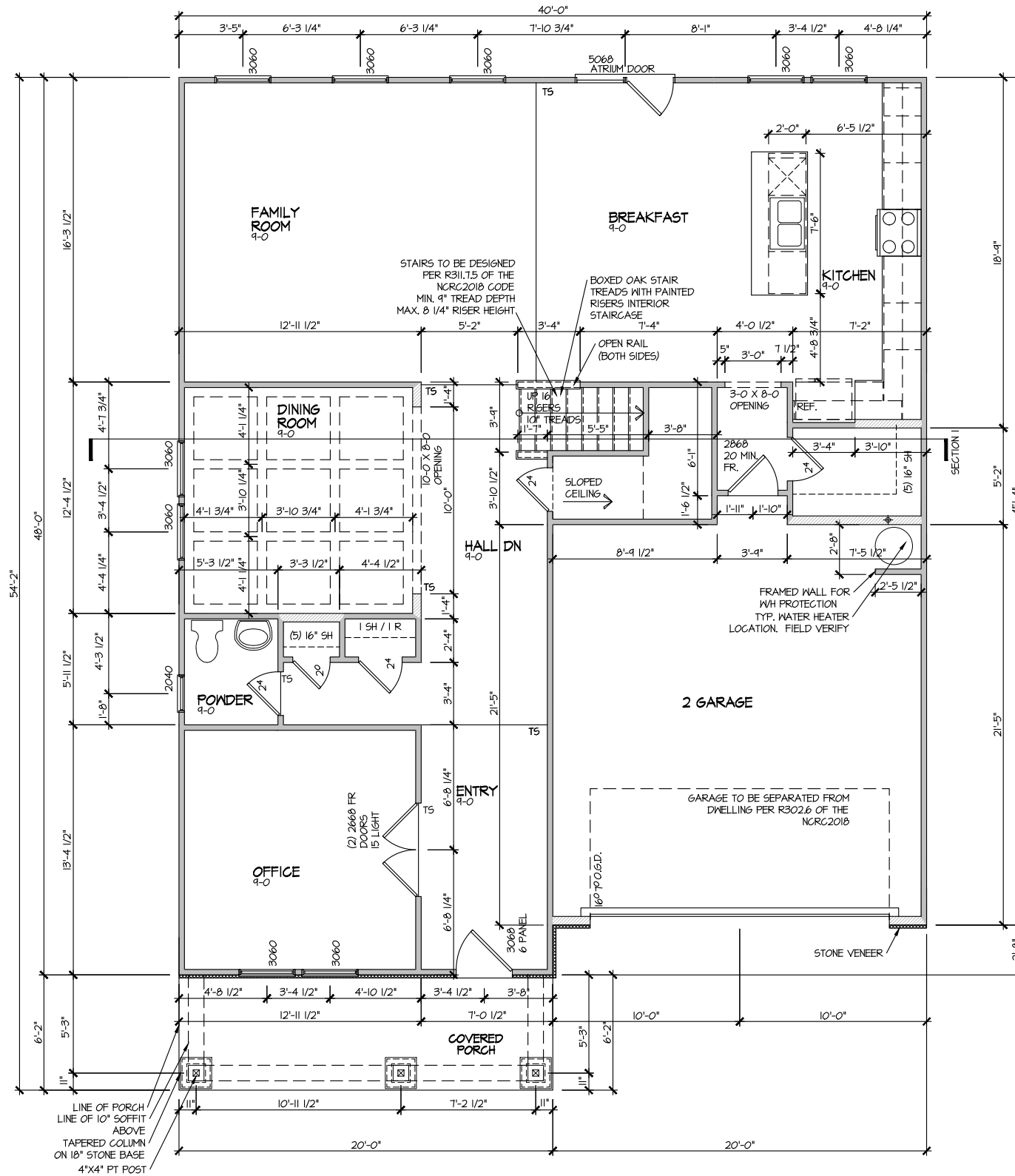
MASTER PLAN INFORMATION	
REVISION	DATE
1	03-03-2023
	07-20-2023

DRAWN BY:	ITS
DATE:	03/07/2024
PLAN NO.	2993



HOUSE NAME:	JORDAN
DRAWING TITLE	CRAWLSPACE PLAN

SHEET No.
A2.1



ELEVATION 3
 FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0"

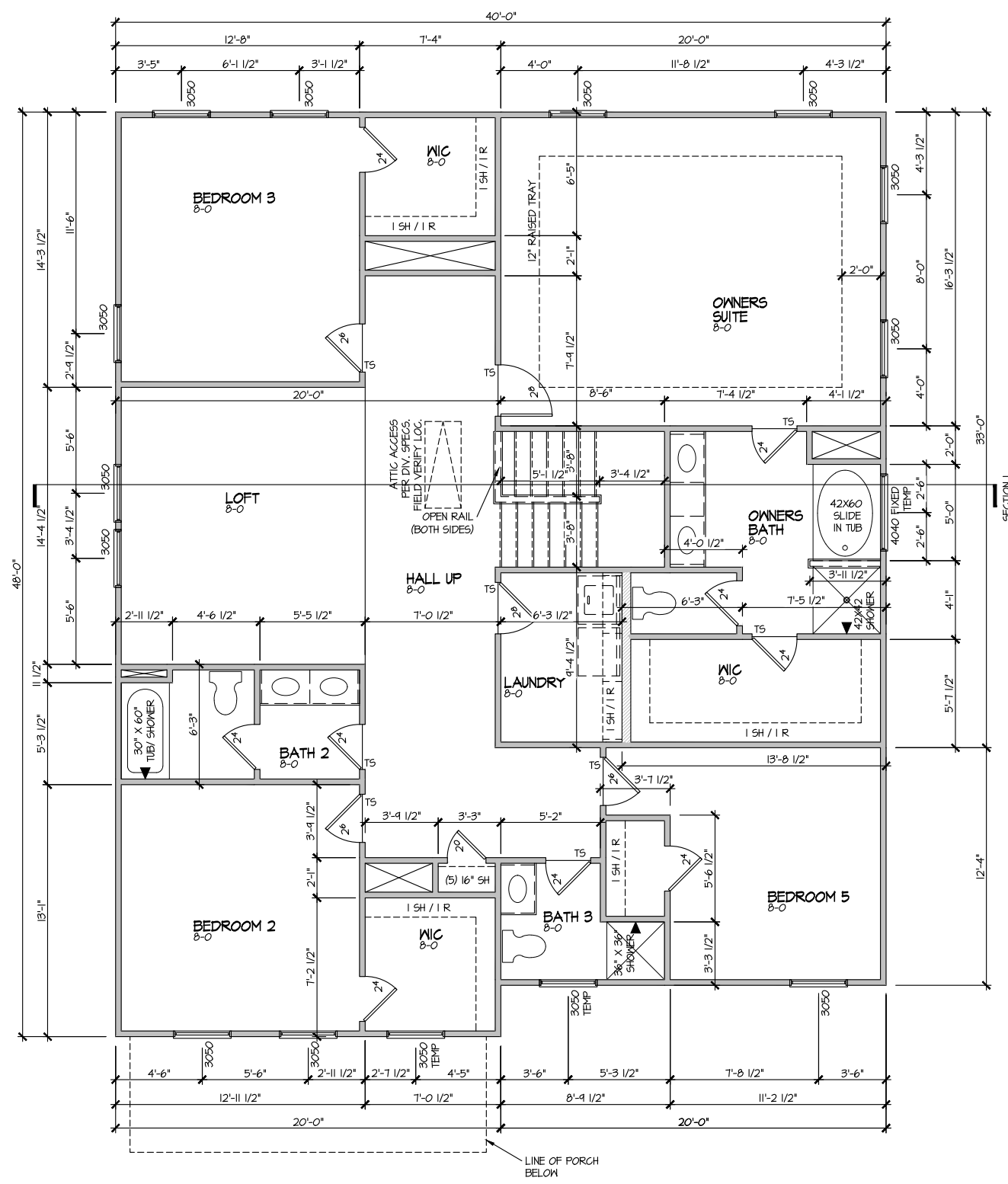
MASTER PLAN INFORMATION	
REVISION	DATE
1	03-03-2023
	UPDATED DATE
	07-20-2023

DRAWN BY:	ITS
DATE:	03/07/2024
PLAN NO.	2993



HOUSE NAME:	JORDAN
DRAWING TITLE	FIRST FLOOR PLAN

SHEET No.	A3.1
-----------	------



ELEVATION 3
SECOND FLOOR PLAN
 SCALE: 1/8" = 1'-0"

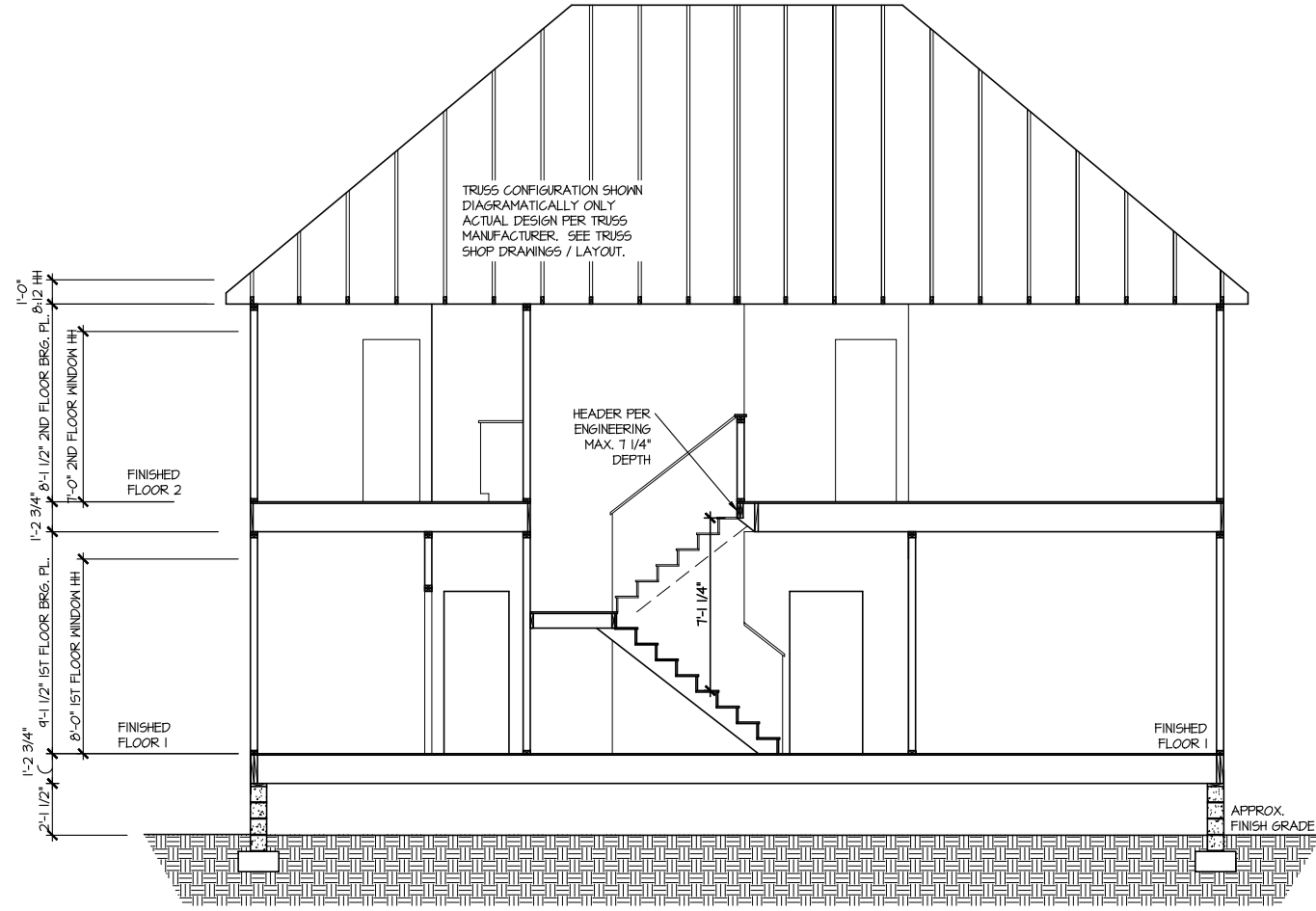
MASTER PLAN INFORMATION	
REVISION	DATE
1	03-03-2023
UPDATED DATE	07-20-2023

DRAWN BY:	ITS
DATE:	03/07/2024
PLAN NO.	2993



HOUSE NAME:	JORDAN
DRAWING TITLE	SECOND FLOOR PLAN

SHEET No.	A3.2
-----------	------



SECTION I

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

UPDATED DATE
07-20-2023

REVISION	DATE	DESCRIPTION
1	03-03-2023	

DRAWN BY:
ITS

DATE:
03/07/2024

PLAN NO.
2993



HOUSE NAME:
JORDAN

DRAWING TITLE
BUILDING SECTION

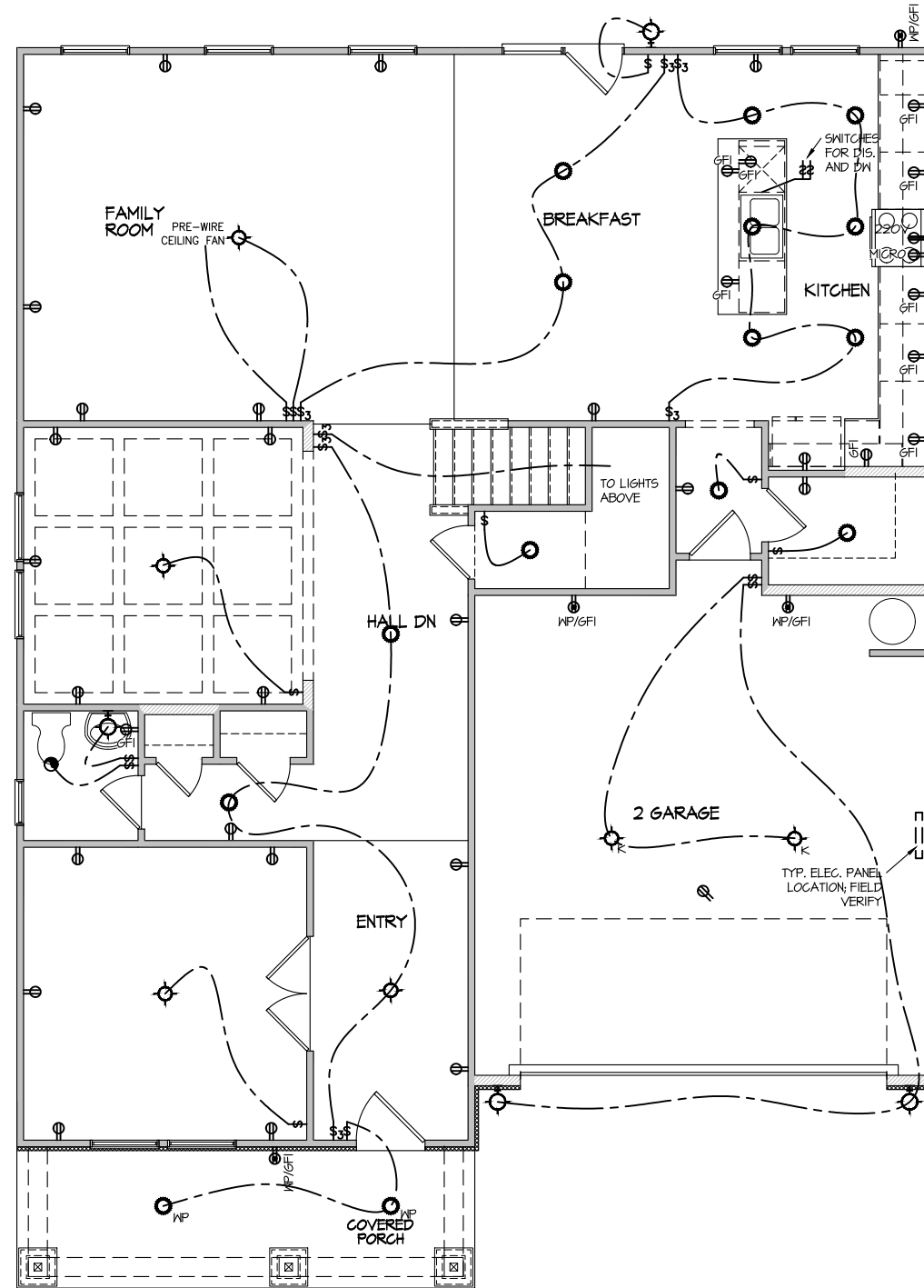
SHEET No.

A4.1

ELECTRICAL LEGEND

- ⊕ SINGLE POLE SWITCH
- ⊕₃ THREE WAY SWITCH
- ⊕₄ FOUR WAY SWITCH
- ⊕- DUPLEX AFCI RECEPTACLE
- ⊕- DUPLEX AFCI RECEPTACLE - BOTTOM HALF SWITCHED
- ⊕- DUPLEX AFCI RECEPTACLE - FLOOR MOUNTED
- 220V ⊕ RECEPTACLE - 220V
- GFI ⊕ DUPLEX AFCI RECEPTACLE - GFI
- WP/GFI ⊕ DUPLEX AFCI RECEPTACLE - WATERPROOF GFI
- ⊕ SMOKE DETECTOR - WIRED IN SERIES
- ⊕ EXHAUST FAN MOTOR
- ⊕ TV JACK
- ⊕ TV JACK
- ⊕ CO / SMOKE DETECTOR
- ⊕ DOOR CHIME
- ⊕ LIGHT FIXTURE - WALL MOUNTED
- ⊕ LIGHT FIXTURE - CEILING MOUNTED
- ⊕ LIGHT FIXTURE - SURFACE MOUNTED LED
- ⊕ FULLCHAIN LAMPHOLDER
- ⊕ KEYLESS LAMPHOLDER
- ⊕ MOTION SENSOR FLOOD LIGHT

NOTE: ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE ADOPTED VERSION OF THE NATIONAL ELECTRICAL CODE, THE LOCAL POWER COMPANY AND TO ALL APPLICABLE LOCAL REGULATIONS.



**ELECTRICAL PLAN
FIRST FLOOR - ELEV. 3**

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

MASTER PLAN INFORMATION	
REVISION	DATE
1	03-03-2023
UPDATED DATE	07-20-2023

DRAWN BY:	ITS
DATE:	03/07/2024
PLAN NO.	2993



HOUSE NAME:
JORDAN

DRAWING TITLE
FIRST FLOOR ELECTRICAL

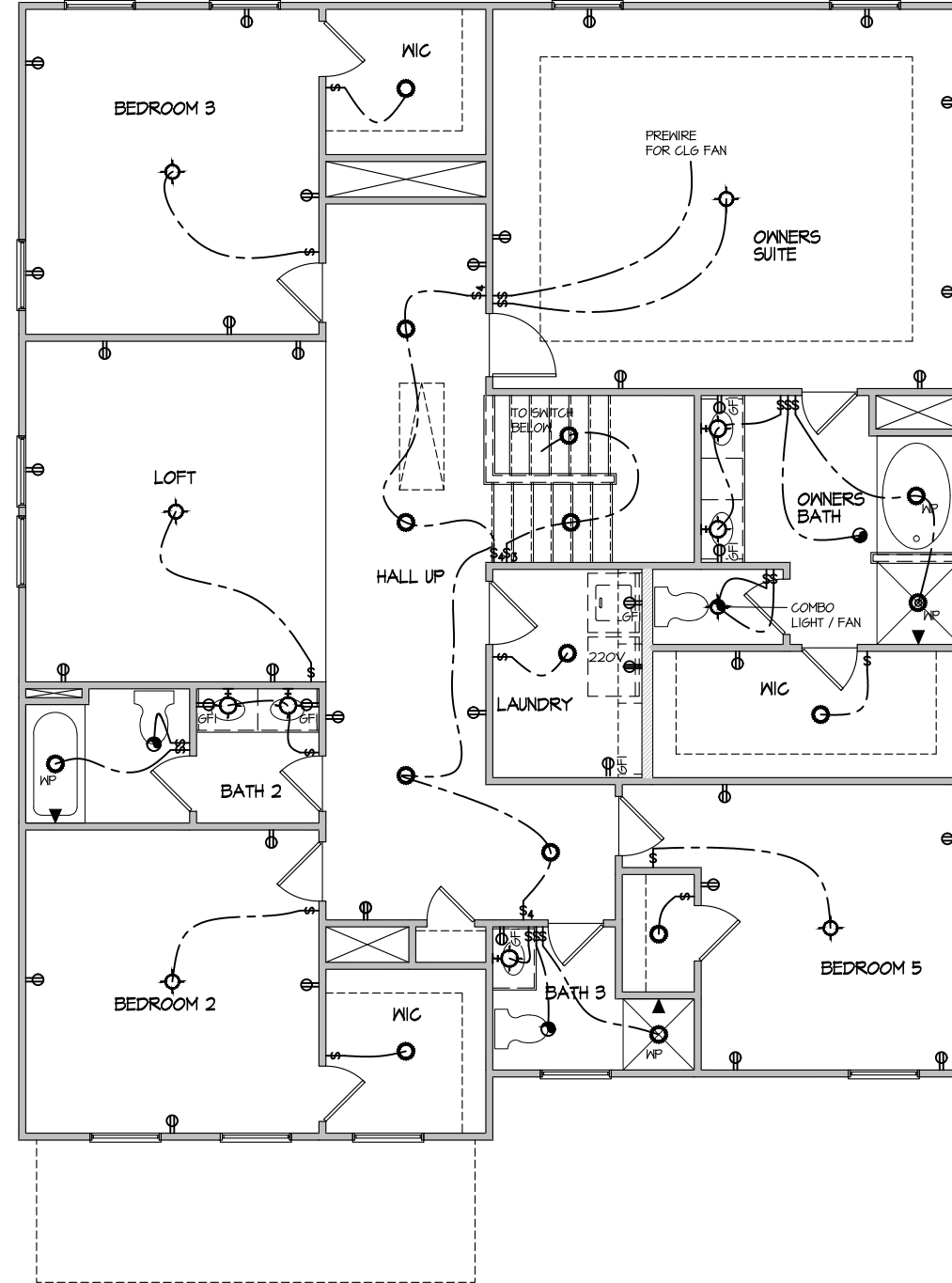
SHEET No.

E.1

ELECTRICAL LEGEND

- Ⓢ SINGLE POLE SWITCH
- Ⓢ₃ THREE WAY SWITCH
- Ⓢ₄ FOUR WAY SWITCH
- ⓈⓈ DUPLEX AFCI RECEPTACLE
- ⓈⓈ_B DUPLEX AFCI RECEPTACLE - BOTTOM HALF SWITCHED
- ⓈⓈ_F DUPLEX AFCI RECEPTACLE - FLOOR MOUNTED
- 220V Ⓢ RECEPTACLE - 220V
- GFI Ⓢ DUPLEX AFCI RECEPTACLE - GFI
- WP/GFI Ⓢ DUPLEX AFCI RECEPTACLE - WATERPROOF GFI
- ⓈⓈ SMOKE DETECTOR - WIRED IN SERIES
- Ⓢ EXHAUST FAN MOTOR
- Ⓢ TV JACK
- Ⓢ TV JACK
- Ⓢ CO / SMOKE DETECTOR
- Ⓢ DOOR CHIME
- Ⓢ LIGHT FIXTURE - WALL MOUNTED
- Ⓢ LIGHT FIXTURE - CEILING MOUNTED
- Ⓢ LIGHT FIXTURE - SURFACE MOUNTED LED
- Ⓢ FULLCHAIN LAMPHOLDER
- Ⓢ KEYLESS LAMPHOLDER
- Ⓢ MOTION SENSOR FLOOD LIGHT

NOTE: ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE ADOPTED VERSION OF THE NATIONAL ELECTRICAL CODE, THE LOCAL POWER COMPANY AND TO ALL APPLICABLE LOCAL REGULATIONS.



ELECTRICAL PLAN
 SECOND FLOOR - ELEV. 3
 SCALE: 1/8" = 1'-0"

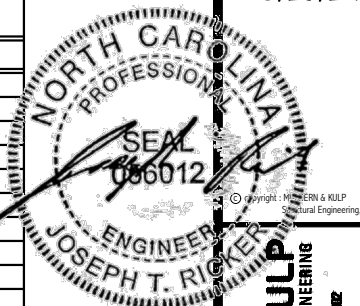
MASTER PLAN INFORMATION	
REVISION	DATE
1	03-03-2023
	07-20-2023

DRAWN BY:
 ITS
 DATE: 03/07/2024
 PLAN NO. 2993



HOUSE NAME:
 JORDAN
 DRAWING TITLE
 SECOND FLOOR ELECTRICAL

SHEET No.
 E1.2



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
300 Dunsmuir Ave., Building 4 - Asheville, PA 18802
P: 215-949-8001 - mulhern+kulp.com
NC LICENSE HC-3-3825

M&K project number:

126-23061

project mgr: JTR

drawn by: KFG

issue date: 03-22-24

REVISIONS:

date: initial:



STRUCTURAL NOTES
BLAKE POND COMMUNITY
LOT 99 - JORDAN 3
RALEIGH, NC

sheet:

SO.0

VENEER LINTEL SCHEDULE table with columns: SPAN (MAX), HEIGHT OF VENEER ABOVE LINTEL, STEEL ANGLE SIZE. Rows include 3'-0", 6'-0", 8'-0", 9'-6", 16'-0" spans.

MEANS & METHODS NOTES. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS FINISHED AND ALL PLAN, DETAIL, AND NOTE SPECIFICATIONS HAVE BEEN COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURES AND SEQUENCE TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING CONSTRUCTION.

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.

ENGINEERED BEAM MATERIAL SCHEDULE table with columns: BEAM NUMBER, LVL OPTION, PSL OPTION, LSL OPTION, FLITCH OPTION, STEEL OPTION. Rows include beam numbers 001 through 014.

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.

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

EXT. WALL SHEATHING SPECIFICATION. 7/16" OSB OR 15/32" PLYWOOD: FASTEN SHEATHING W/ 2 3/8" x 0.113" NAILS @ 6" O.C. AT EDGES & @ 12" O.C. IN THE PANEL FIELD.

BLOCKED PANEL EDGES. AT DESIGNATED AREAS - FASTEN SHEATHING W/ 2 3/8" x 0.113" NAILS @ 6" O.C. AT ALL PANEL EDGES AND 12" O.C. IN THE PANEL 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.

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

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.

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 H25T CLIP (OR APPROVED EQUAL) @ ALL BEARING POINTS.

HOLD-DOWN SCHEDULE table with columns: SYMBOL, SPECIFICATION. Rows include HD-1 SIMPSON HIT4 HOLD-DOWN, HD-2 SIMPSON MSTC66 STRAP TIE, HD-3 SIMPSON STDH14/14RJ HOLD-DOWN.

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.

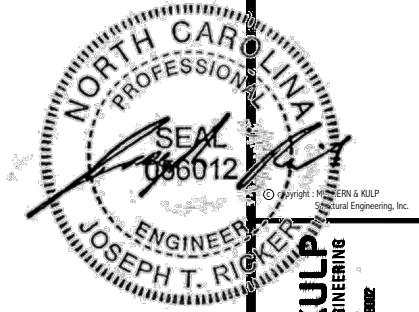
NON-BEARING HEADER SCHEDULE table with columns: SPAN, 2x4 NON-BEARING PARTITION WALL, 2x6 NON-BEARING PARTITION WALL. Rows include UP TO 3'-0", UP TO 6'-0", UP TO 8'-0".

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.

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.

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.

CONNECTION SPECIFICATIONS (TYP. U.N.O.) table with columns: DESCRIPTION OF BLDG. ELEMENT, 3"x0.131" NAILS, 3"x0.120" NAILS. Rows include JOIST TO SOLE PLATE, SOLE PLATE TO JOIST/BLK'G, STUD TO SOLE PLATE, TOP OR SOLE PLATE TO STUD, RIM TO TOP PLATE, BLK'G. BTWN. JOISTS TO TOP PL., DOUBLE STUD, DOUBLE TOP PLATE, DOUBLE TOP PLATE LAP SPLICE, TOP PLATE LAP @ CORNERS & INTERSECTING WALLS.



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
303 Bamsville Ave, Building 4 - Aankler, PA 15022
P 715-948-5001 • mulhern+kulp.com
NC LICENSE #C-3825

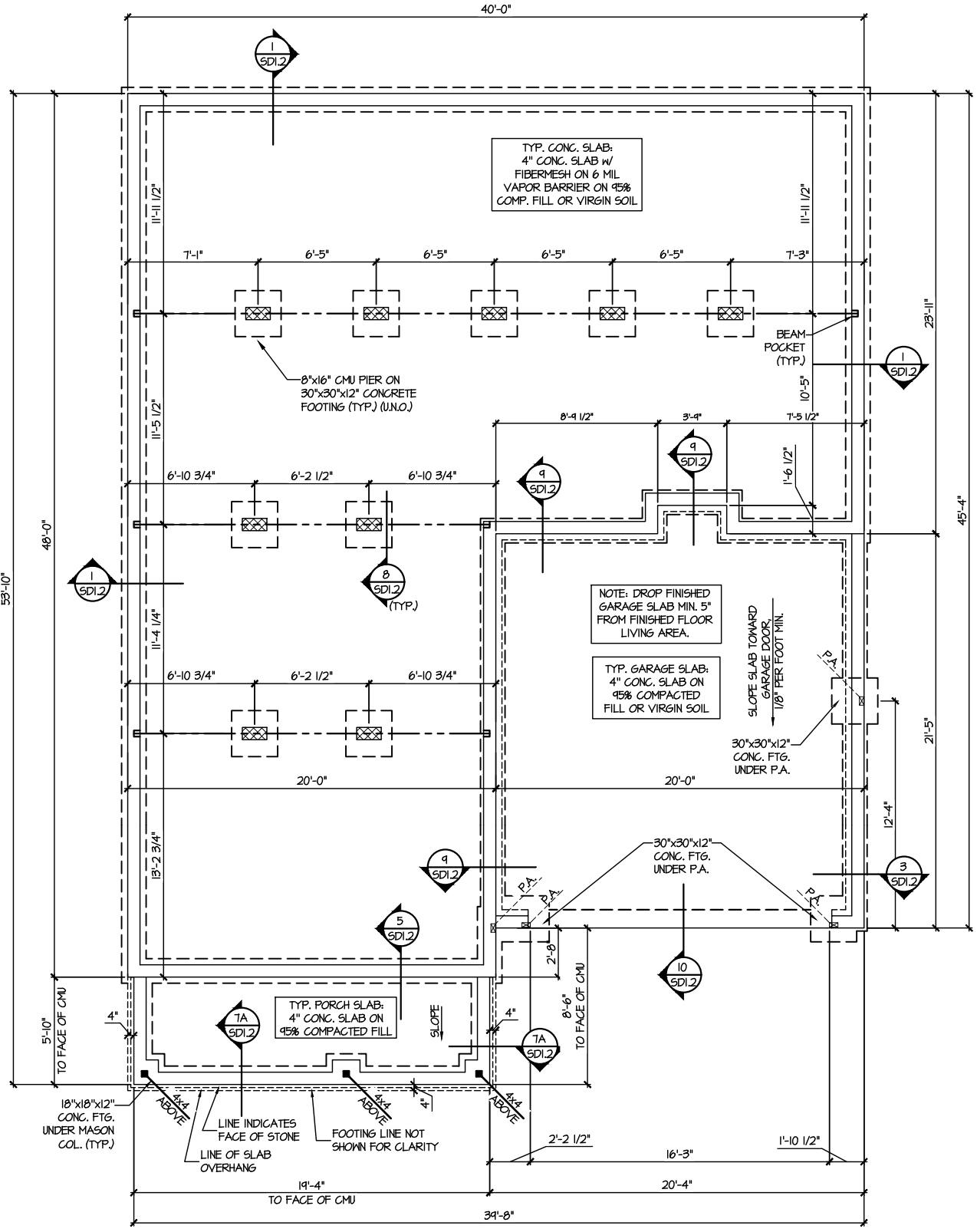
M&K project number:
126-23061
project mgr: JTR
drawn by: KFG
issue date: 03-22-24

REVISIONS:
date: initial:



FOUNDATION PLANS
BLAKE POND COMMUNITY
LOT 99 - JORDAN 3
RALEIGH, NC

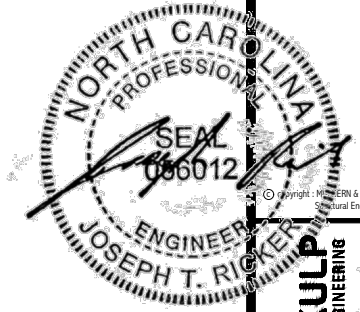
sheet: **S1.0**



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

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

REFER TO 50.0 FOR TYPICAL STRUCTURAL NOTES & SCHEDULES



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
303 Bantamside Ave, Building 4 - Aanklar, PA 15022
P 715-948-8001 - mulhern+kulp.com
NC LICENSE #C-3825



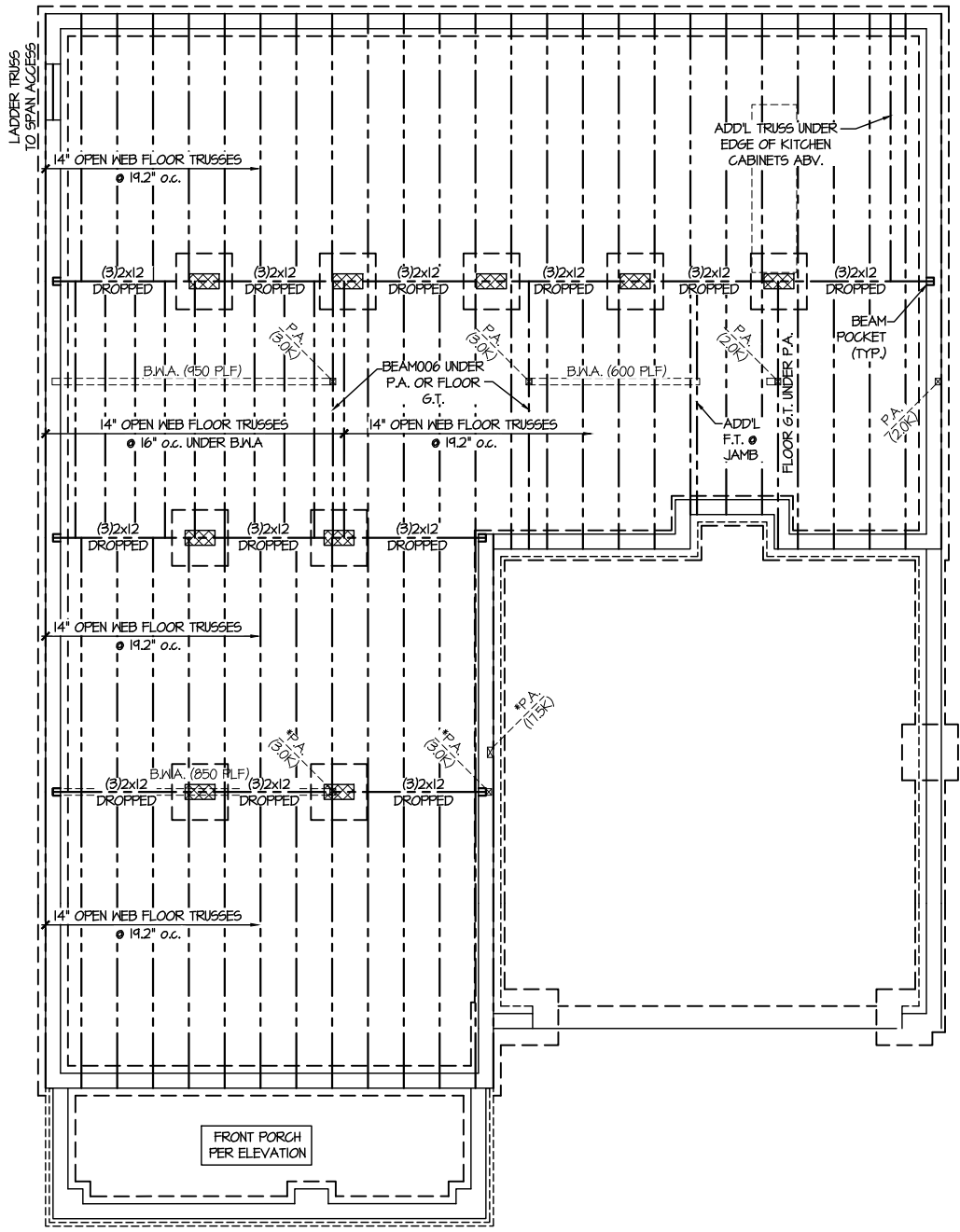
M&K project number:
126-23061
project mgr: JTR
drawn by: KFG
issue date: 03-22-24

REVISIONS:
date: initial:

DRB
HOMES

FLOOR FRAMING PLANS
BLAKE POND COMMUNITY
LOT 99 - JORDAN 3
RALEIGH, NC

sheet:
S2.0

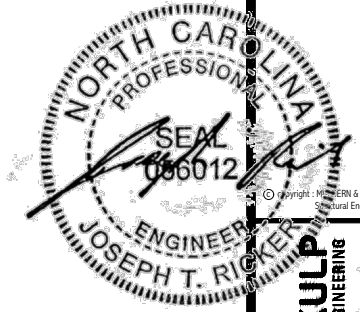


1 CRAWL SPACE FRAMING PLAN
SCALE: 1/8"=1'-0"

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
	HL METAL HANGER
	* INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.
	INDICATES HOLD-DOWN OR STRAP. REFER TO SCHEDULE.

REFER TO 50.0 FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

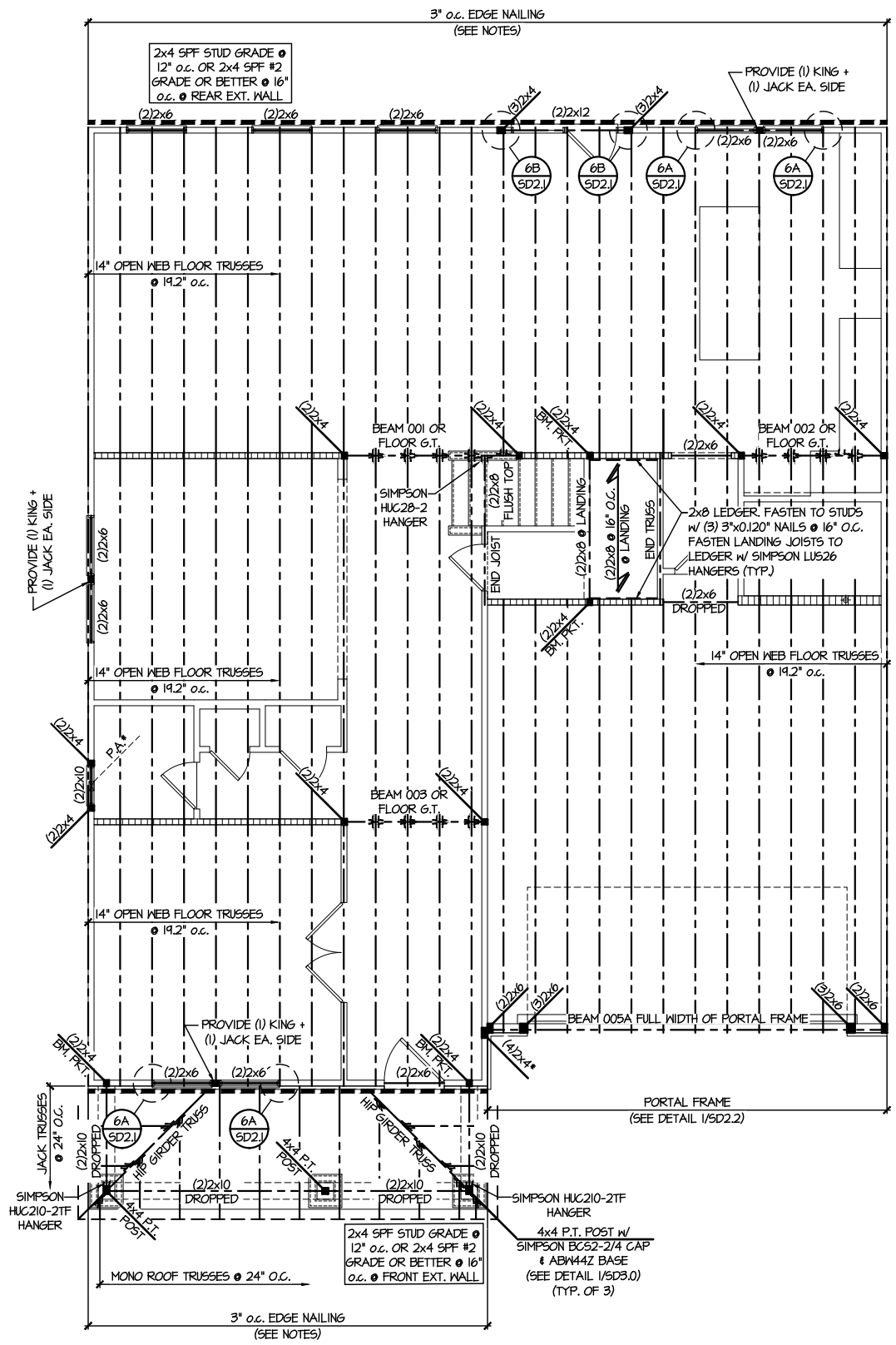


MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
300 Bannockburn Ave., Building 4 - Aankar, PA 15822
P 715-948-8001 • mulhern+kulp.com
NC LICENSE #C-3825

ENGINEERED BEAM MATERIAL SCHEDULE

BEAM NUMBER	LVL OPTION	PSL OPTION	LSL OPTION	FLITCH OPTION	STEEL OPTION
001	(2)3/4"x14" - F	3/2"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 3/8"x1/4" STEEL FLITCH PLATES - FB	W12x14 - F
002	(2)3/4"x14" - F	3/2"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 3/8"x1/4" STEEL FLITCH PLATES - FB	W12x14 - F
003	(2)3/4"x14" - F	3/2"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 3/8"x1/4" STEEL FLITCH PLATES - FB	W12x14 - F
004	(4)3/4"x18" - FT	1"x18" - FT	N/A	(4)2x12 + (3) 3/8"x1/4" STEEL FLITCH PLATES - FB	W12x30 - F
005	(2)3/4"x17 1/2" - H	3/2"x17 1/2" - H	(2)3/4"x17 1/2" - H	(2)2x12 + (1) 3/8"x1/4" STEEL FLITCH PLATES - H	N/A
005A	(3)3/4"x16" - H	5/4"x16" - H	N/A	(3)2x12 + (2) 3/8"x1/4" STEEL FLITCH PLATES - H	N/A
006	(2)3/4"x14" - F	3/2"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 3/8"x1/4" STEEL FLITCH PLATES - FB	W12x14 - F
007	(3)3/4"x9" - H	5/4"x9" - H	(3)3/4"x9" - H	(3)2x10 + (2) 3/8"x1/4" STEEL FLITCH PLATES - H	W8x10 - H
007A	(3)3/4"x9" - H	5/4"x9" - H	(3)3/4"x9" - H	(3)2x10 + (2) 3/8"x1/4" STEEL FLITCH PLATES - H	W8x10 - H
008	(2)3/4"x14" - D	3/2"x14" - D	(2)3/4"x14" - D	(2)2x12 + (1) 3/8"x1/4" STEEL FLITCH PLATES - D	W12x14 - D
009	(2)3/4"x14" - D	3/2"x14" - D	(2)3/4"x14" - D	(2)2x12 + (1) 3/8"x1/4" STEEL FLITCH PLATES - D	W12x14 - D
010	(2)3/4"x14" - D	3/2"x14" - D	(2)3/4"x14" - D	(2)2x12 + (1) 3/8"x1/4" STEEL FLITCH PLATES - D	W12x14 - D
011	(3)3/4"x10" - H	5/4"x10" - H	N/A	(3)2x12 + (2) 3/8"x1/4" STEEL FLITCH PLATES - H	N/A
012	(2)3/4"x14" - F	3/2"x14" - F	(2)3/4"x14" - F	(2)2x12 + (1) 3/8"x1/4" STEEL FLITCH PLATES - FB	W12x14 - F
013	(3)3/4"x16" - H	5/4"x16" - H	N/A	(3)2x12 + (2) 3/8"x1/4" STEEL FLITCH PLATES - H	N/A
013A	(3)3/4"x22" - H	N/A	N/A	N/A	N/A
014	(2)3/4"x14" - H	3/2"x14" - H	(2)3/4"x14" - H	(2)2x12 + (1) 3/8"x1/4" STEEL FLITCH PLATES - H	N/A

- 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.



1ST 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

- (dashed line) INTERIOR BEARING WALL
- (dotted line) BEARING WALL ABOVE
- (solid line) BEAM / HEADER
- (dash-dot line) INDICATES SHEAR WALL & EXTENT
- (stippled area) EXTENT OF OVERFRAMING
- JL METAL HANGER
- * INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.
- ▶ INDICATES HOLD-DOWN OR STRAP. REFER TO SCHEDULE.

REFER TO 50.0 FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

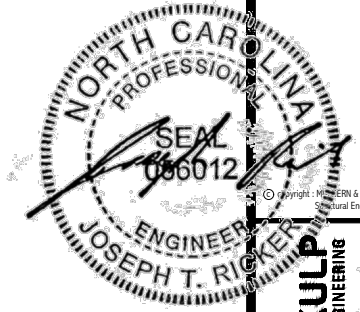
M&K project number:
126-23061
project mgr: JTR
drawn by: KFG
issue date: 03-22-24

REVISIONS:
date: initial:



FLOOR FRAMING PLANS
BLAKE POND COMMUNITY
LOT 99 - JORDAN 3
RALEIGH, NC

sheet:
S3.0



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
303 Bannockburn Ave, Building 4 - Aankler, PA 15022
P 715-948-5001 - mulhern+kulp.com
NC LICENSE #C-3825



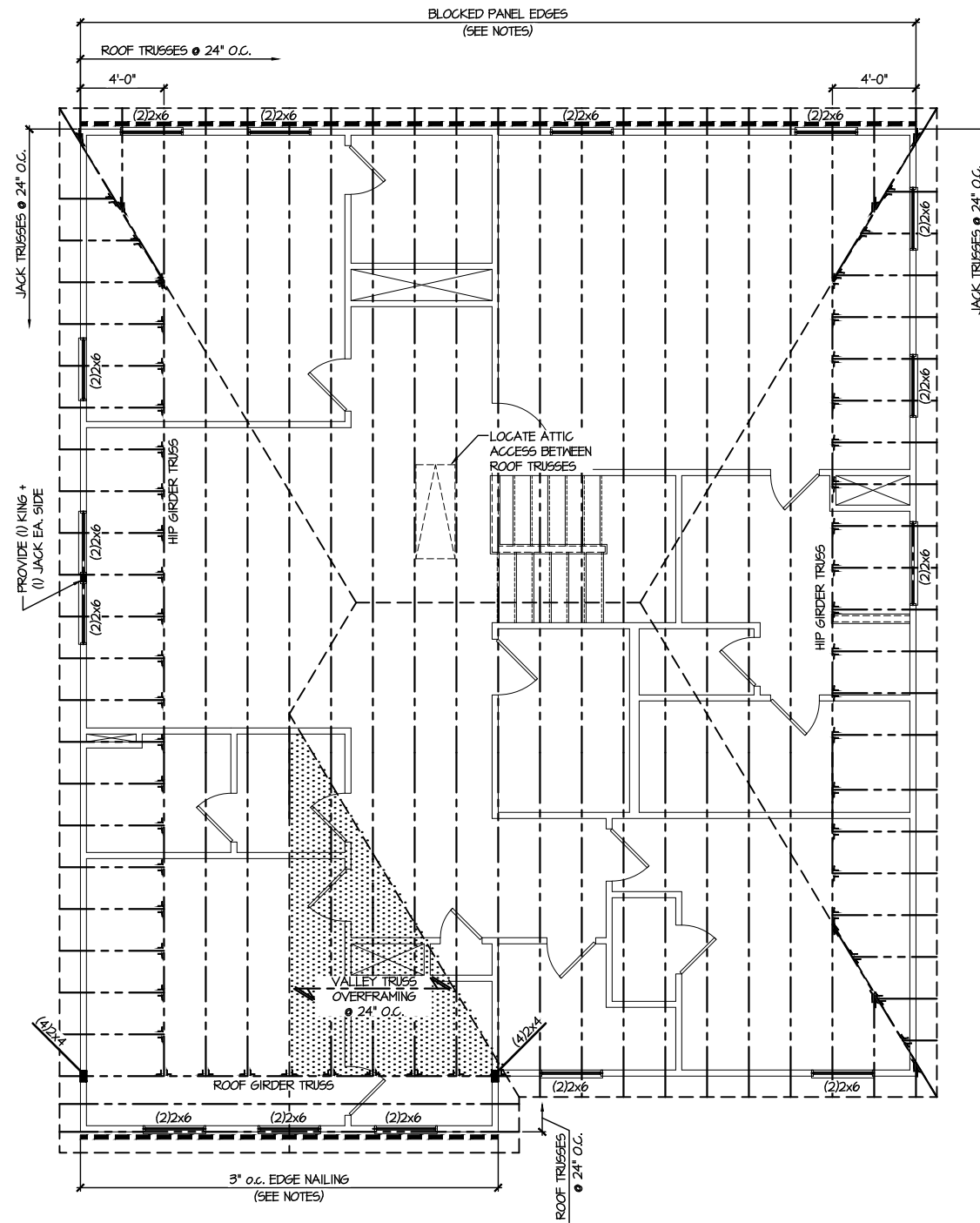
M&K project number:
126-23061
project mgr: JTR
drawn by: KFG
issue date: 03-22-24

REVISIONS:
date: initial:



ROOF FRAMING PLANS
BLAKE POND COMMUNITY
LOT 99 - JORDAN 3
RALEIGH, NC

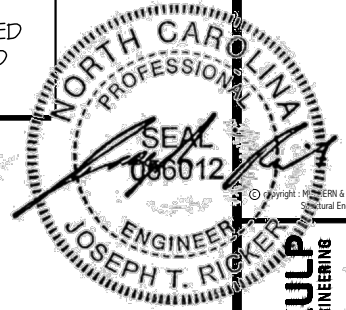
sheet:
S4.0



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

LEGEND	
	INTERIOR BEARING WALL
	BEARING WALL ABOVE
	BEAM / HEADER
	INDICATES SHEAR WALL & EXTENT
	EXTENT OF OVERFRAMING
	M1 METAL HANGER
	* INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.
	▶ INDICATES HOLD-DOWN OR STRAP. REFER TO SCHEDULE.

REFER TO 50.0 FOR
TYPICAL STRUCTURAL NOTES
& SCHEDULES



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
300 Dunsmuir Ave., Building 4 - Asheville, PA 18002
P: 715-948-8001 - mulhern+kulp.com
NC LICENSE #C-3825



M&K project number:
126-23061
project mgr: JTR
drawn by: KFG
issue date: 03-22-24
REVISIONS:
date: initial:

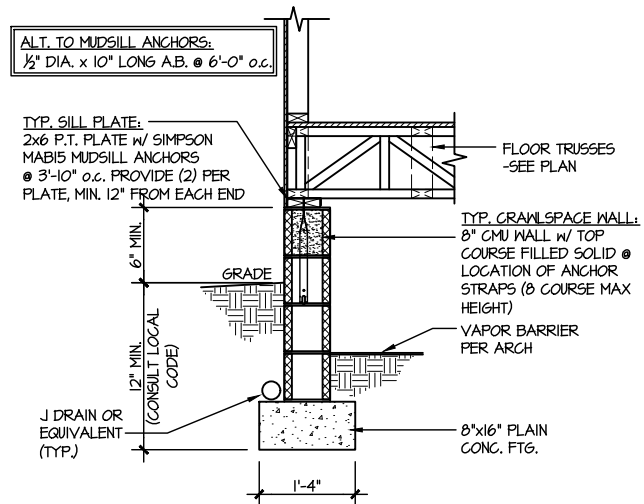
DRB
HOMES

FOUNDATION DETAILS
BLAKE POND COMMUNITY
LOT 99 - JORDAN 3
RALEIGH, NC

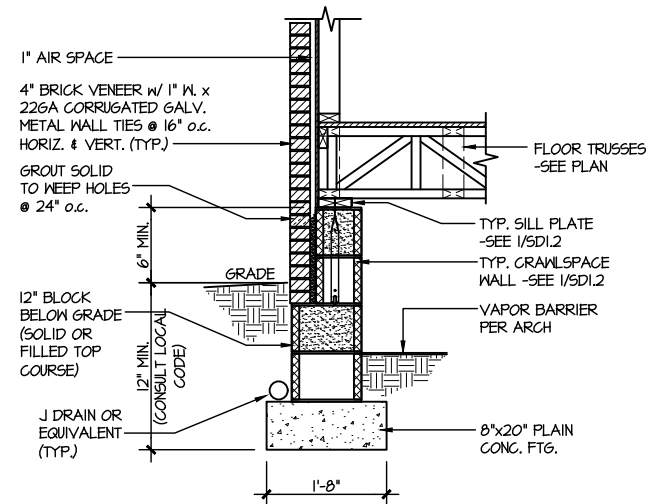
sheet:
SD1.2

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

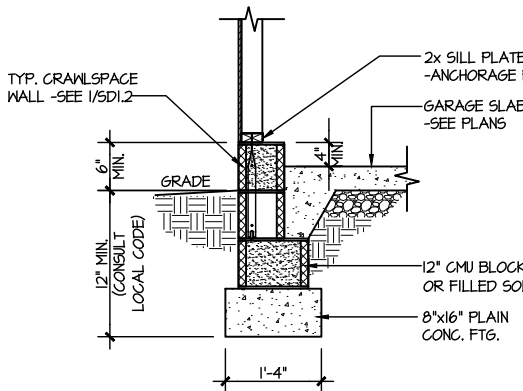
NUMBERED DETAILS ARE PLAN SPECIFIC AND ARE ONLY REQUIRED WHERE SPECIFICALLY INDICATED ("CUT") ON THE PLANS.



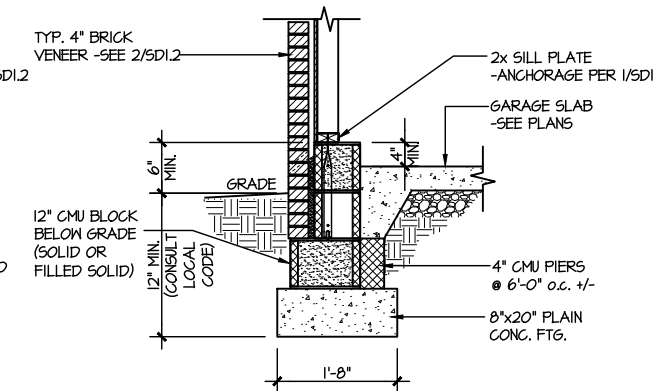
1 TYPICAL CRAWLSPACE FOUNDATION
SCALE: 3/8\"/>



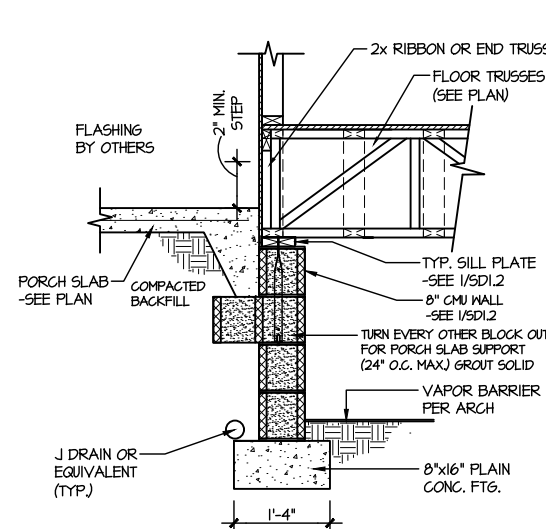
2 TYPICAL CRAWLSPACE FOUNDATION
SCALE: 3/8\"/>



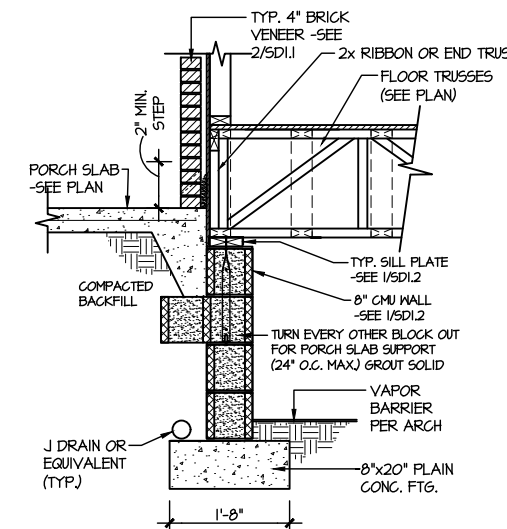
3 TYPICAL GARAGE FOUNDATION
SCALE: 3/8\"/>



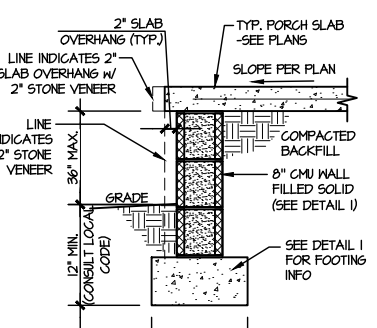
4 TYPICAL GARAGE FOUNDATION
SCALE: 3/8\"/>



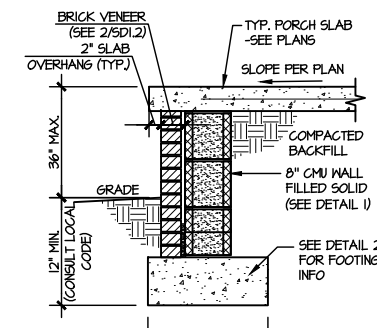
5 TYPICAL CRAWLSPACE FOUNDATION @ PORCH/PATIO SLAB
SCALE: 3/8\"/>



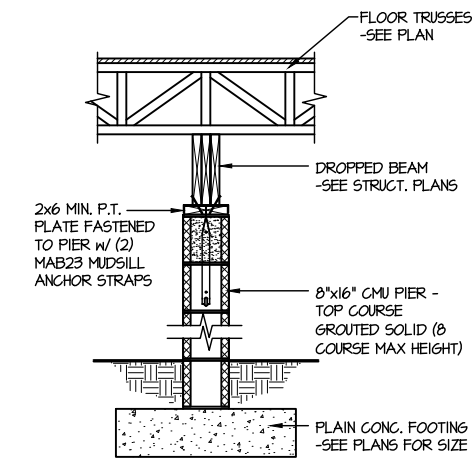
6 TYPICAL CRAWLSPACE FOUNDATION @ PORCH/PATIO SLAB
SCALE: 3/8\"/>



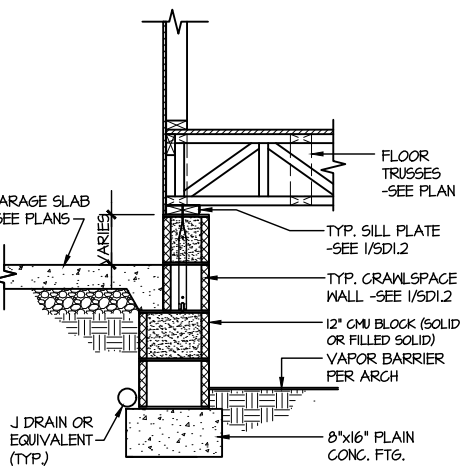
7A TYP. FOOTING @ PORCH SLAB
SCALE: 3/8\"/>



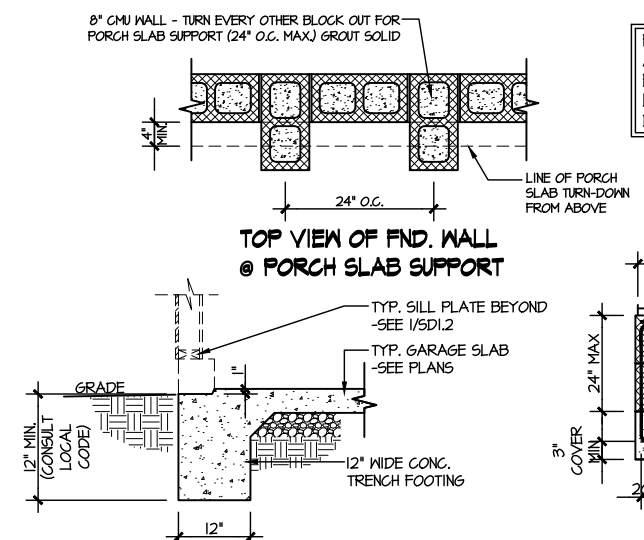
7B TYP. FOOTING @ PORCH SLAB
SCALE: 3/8\"/>



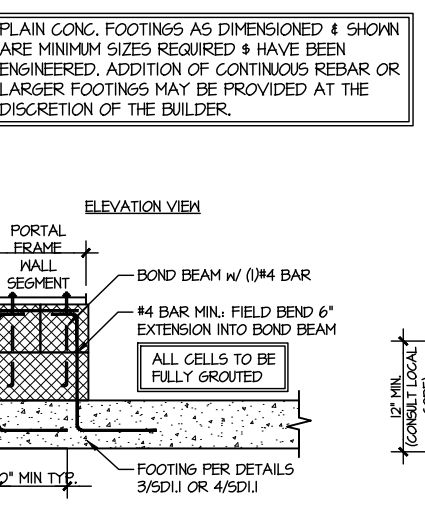
8 TYPICAL CRAWLSPACE FND. @ INTERIOR PIER
SCALE: 3/8\"/>



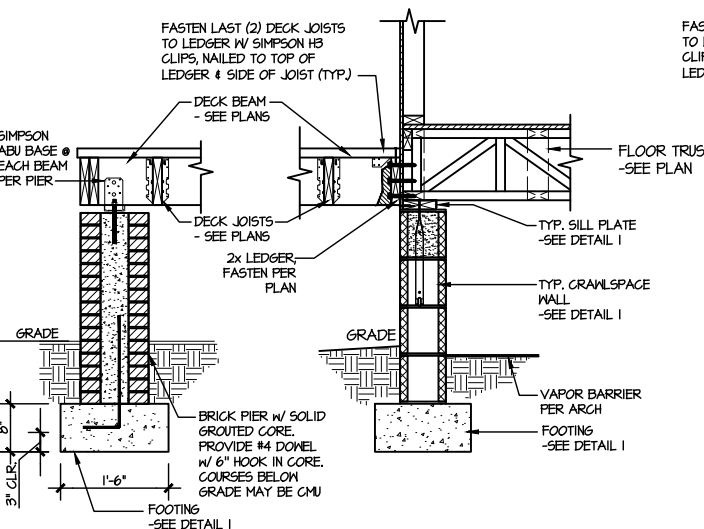
9 TYPICAL CRAWLSPACE FOUNDATION @ GARAGE
SCALE: 3/8\"/>



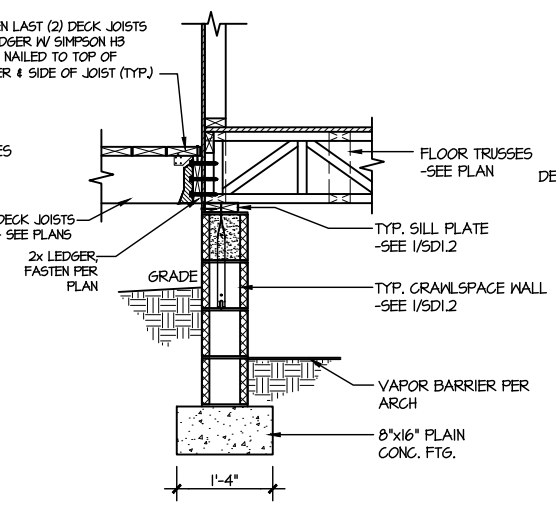
10 TYPICAL SLAB ON GRADE GARAGE ENTRY @ PERIMETER FOOTING
SCALE: 3/8\"/>



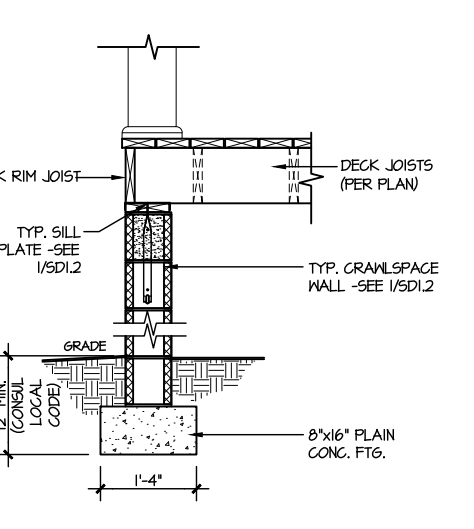
A GARAGE PORTAL FRAME STEM WALL REINFORCEMENT
SCALE: 3/8\"/>



11 TYPICAL CRAWLSPACE FOUNDATION @ WOOD PORCH/DECK W/ PIERS
SCALE: 3/8\"/>



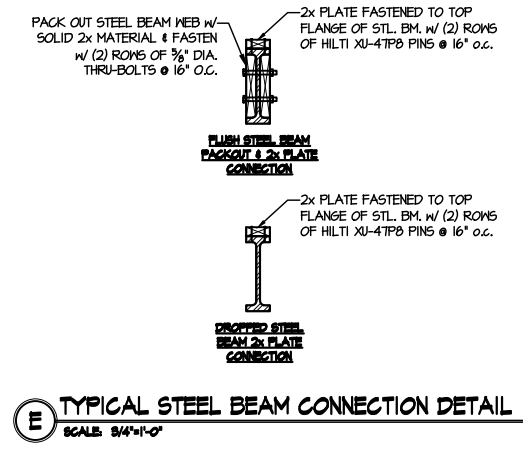
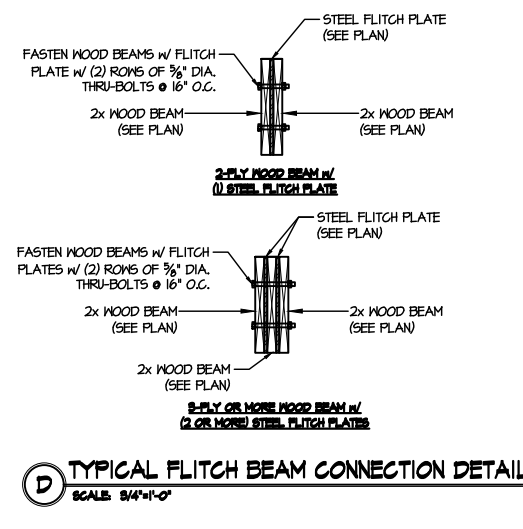
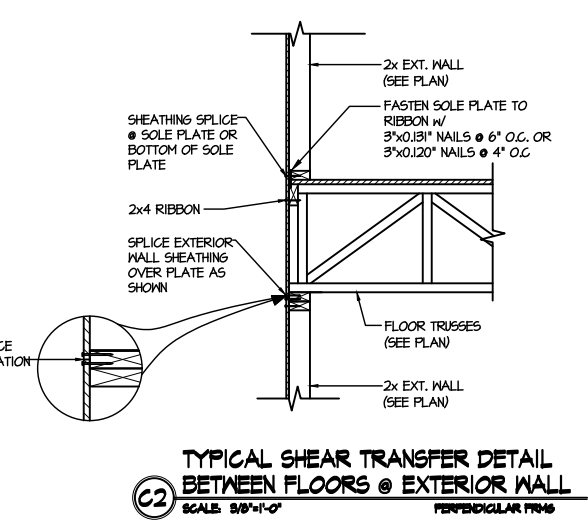
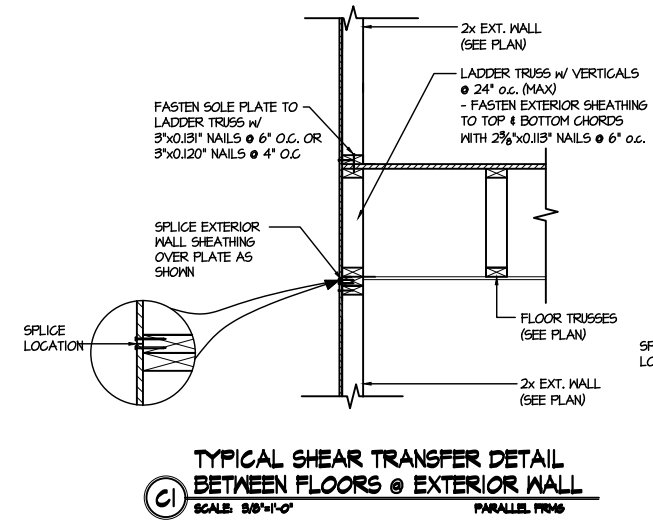
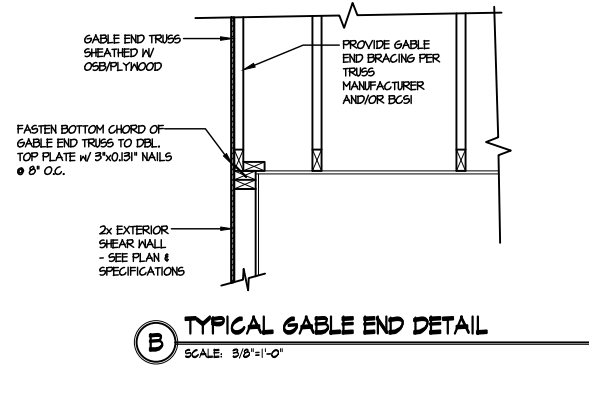
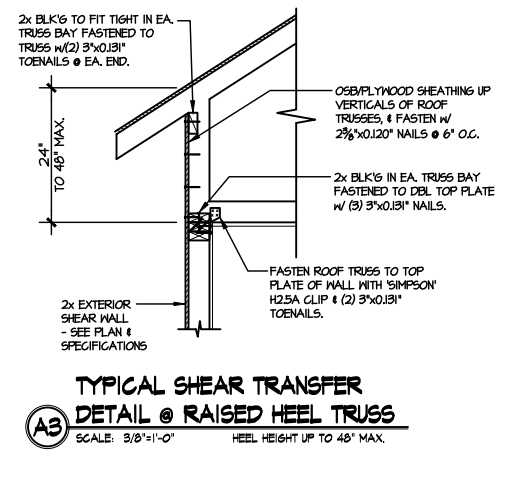
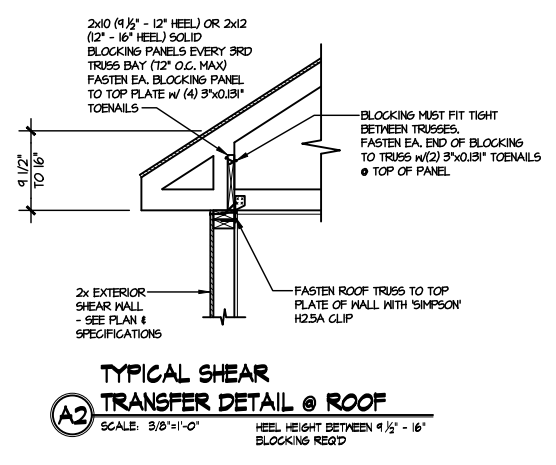
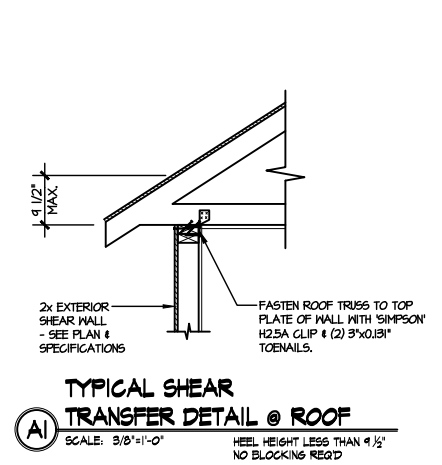
12 TYPICAL CRAWLSPACE FOUNDATION @ WOOD PORCH/DECK
SCALE: 3/8\"/>



13 TYPICAL CRAWLSPACE FOUNDATION @ WOOD PORCH/DECK PERIMETER
SCALE: 3/8\"/>



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
303 Dunsmuir Ave., Building 4 - Amherst, PA 15802
P 715-948-8001 • mulhern+kulp.com
NC LICENSE #C-3825



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.

DRB HOMES

FRAMING DETAILS
BLAKE POND COMMUNITY
LOT 99 - JORDAN 3
RALEIGH, NC

sheet: **SD2.0**



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
330 Danville Ave., Building 4 - Aanhiler, PA 15022
P 715-948-8001 • m+k@mulhernkulp.com
NC LICENSE #C-3825



M&K project number:
126-23061
project mgr: JTR
drawn by: KFG
issue date: 03-22-24

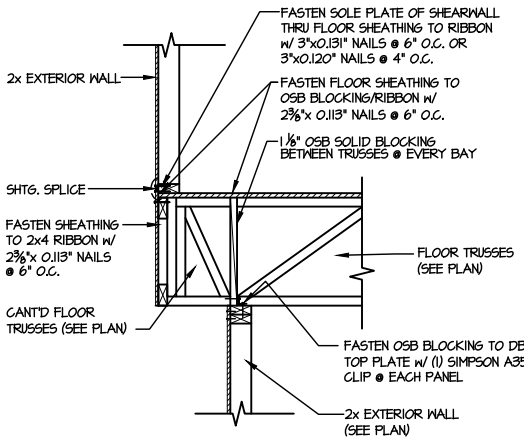
REVISIONS:
date: initial:

DRB HOMES

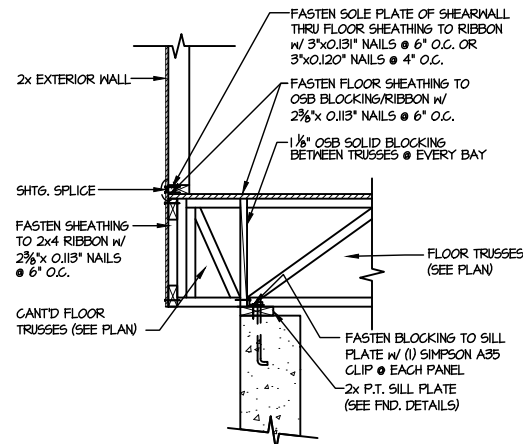
FRAMING DETAILS
BLAKE POND COMMUNITY
LOT 99 - JORDAN 3
RALEIGH, NC

sheet:

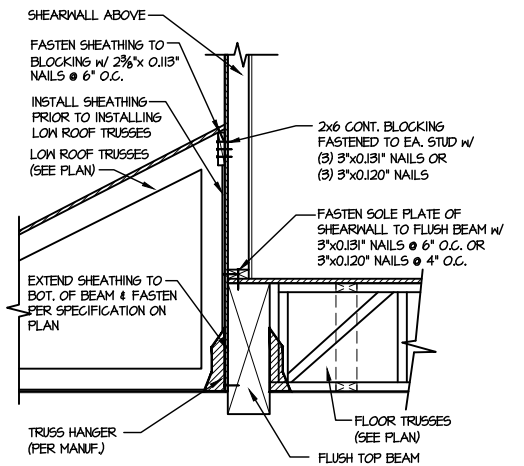
SD2.1A



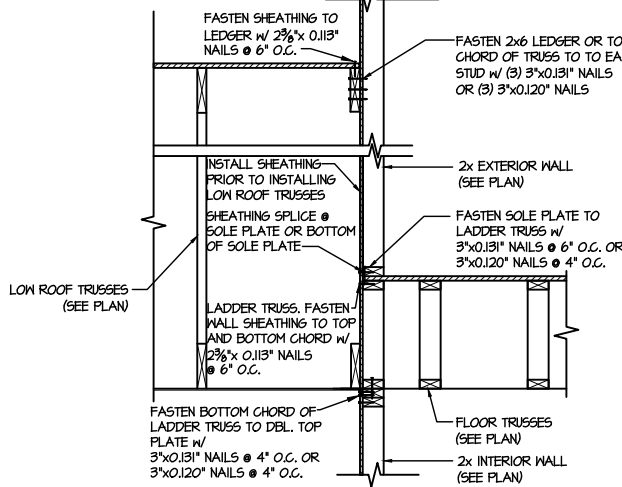
1 SHEAR TRANSFER DETAIL BETWEEN FLOORS @ CANT'D EXT. WALL
SCALE: 3/4"=1'-0"



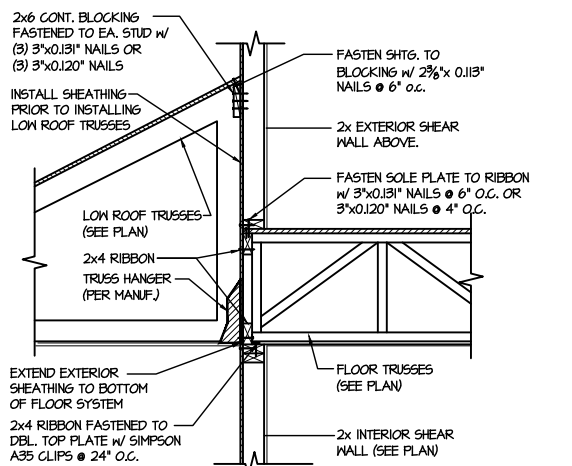
2 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL
SCALE: 3/4"=1'-0" PERPENDICULAR FRMS



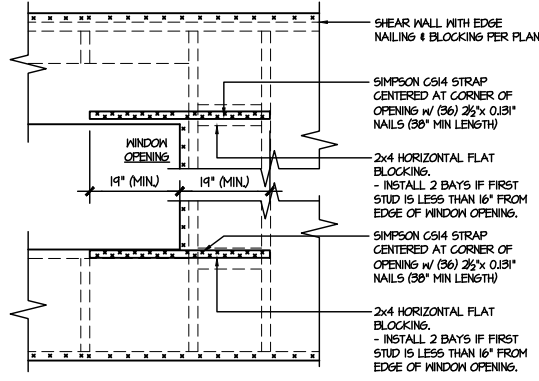
3 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



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

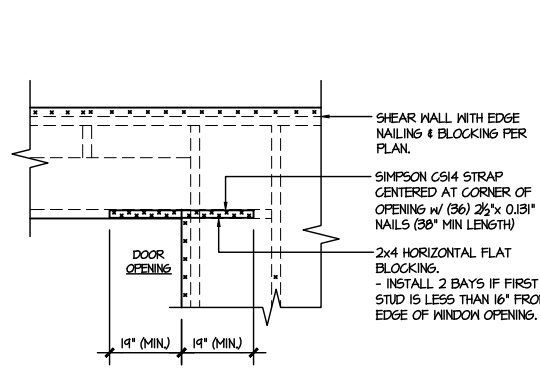


5 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



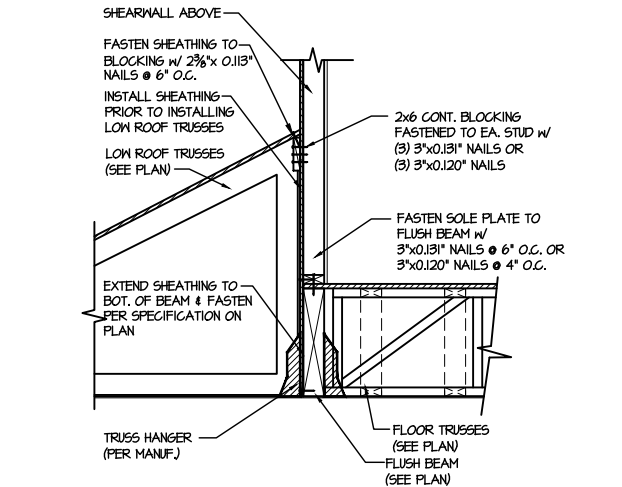
6A TYPICAL EXT. WALL & INT. SHEARWALL OPENING ELEVATION
SCALE: NTS

• REQUIRED ONLY @ OPENINGS AS SPECIFIED ON PLAN.
• STRAPS TO BE INSTALLED ON EXTERIOR FACE OF SHEATG. & MAY BE MOVED 1/2" FROM EDGE TO ALLOW FOR WINDOW NAILING

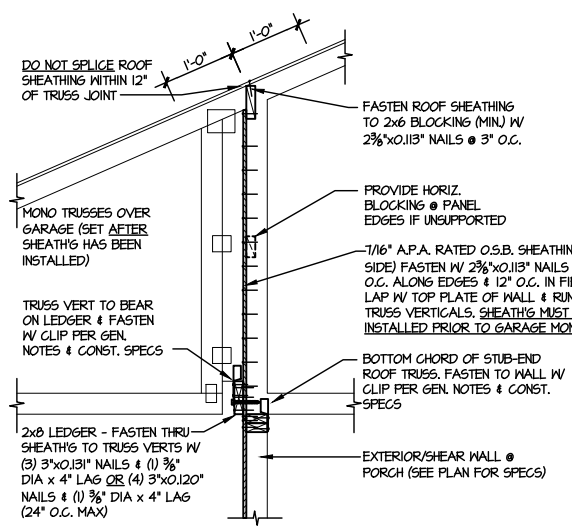


6B TYPICAL EXT. WALL & INT. SHEARWALL OPENING ELEVATION
SCALE: NTS

• REQUIRED ONLY @ OPENINGS AS SPECIFIED ON PLAN.
• STRAPS TO BE INSTALLED ON EXTERIOR FACE OF SHEATG. & MAY BE MOVED 1/2" FROM EDGE TO ALLOW FOR DOOR NAILING



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



8 SHEAR TRANSFER DETAIL @ BREAK IN TRUSSES OVER SHEAR WALL
SCALE: 3/4"=1'-0" - 22x64, 3/8"=1'-0" - 18x7

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.



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
300 Bantle Ave. Building 4 - Asheville, PA 18022
P: 715-948-8001 • mulhern+kulp.com
NC LICENSE #C-3825



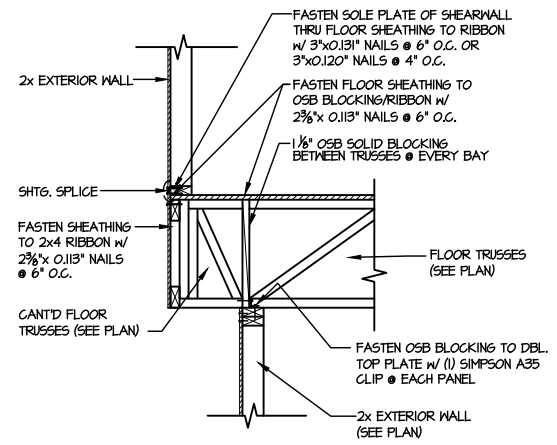
M&K project number:
126-23061
project mgr: JTR
drawn by: KFG
issue date: 03-22-24

REVISIONS:
date: initial:

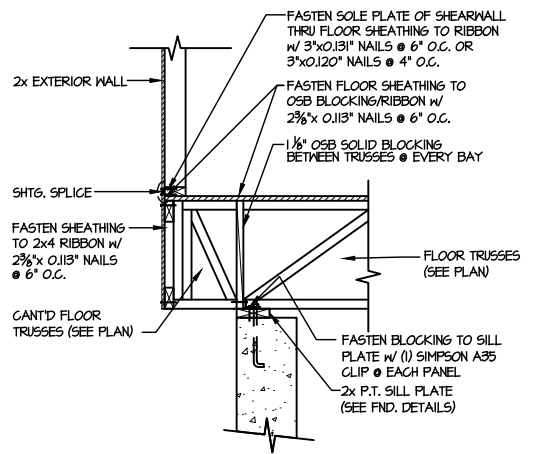
DRB HOMES

FRAMING DETAILS
BLAKE POND COMMUNITY
LOT 99 - JORDAN 3
RALEIGH, NC

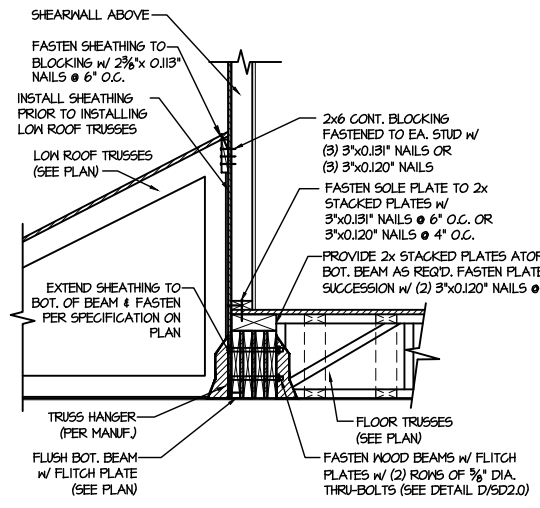
sheet:
SD2.1B



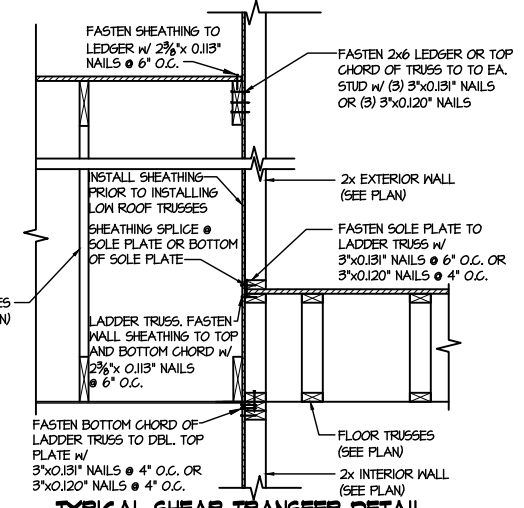
1 SHEAR TRANSFER DETAIL BETWEEN FLOORS @ CANT'D EXT. WALL
SCALE: 3/4"=1'-0"



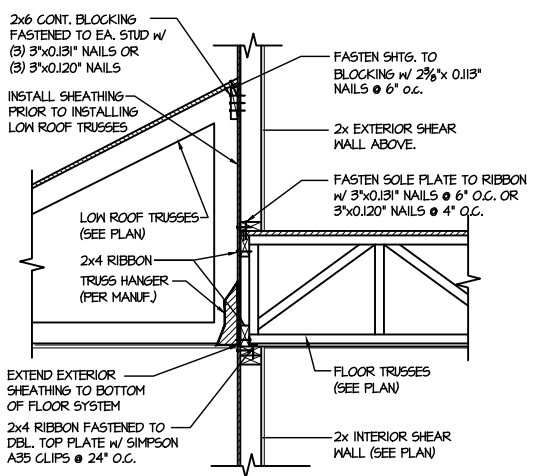
2 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



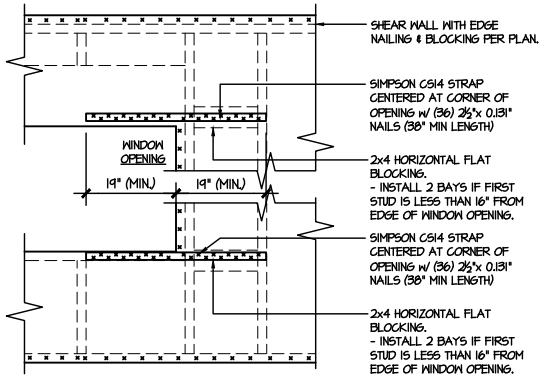
3 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/8"=1'-0"



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

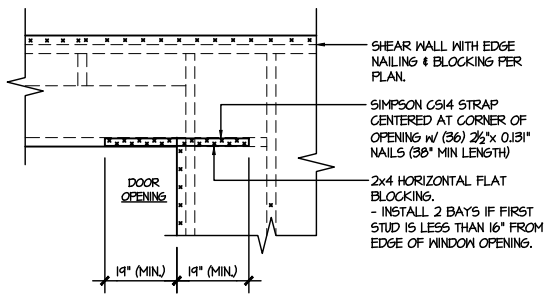


5 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



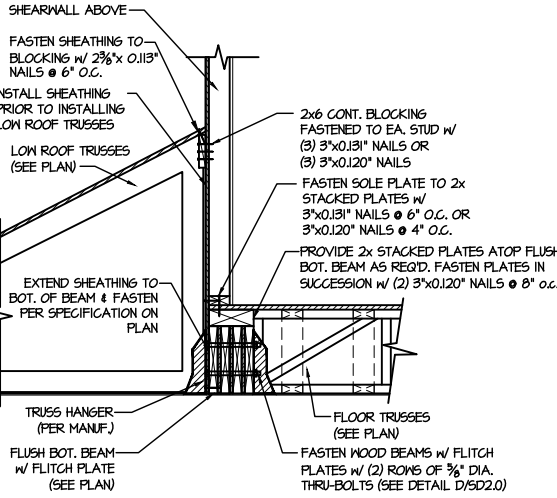
6A TYPICAL EXT. WALL & INT. SHEARWALL OPENING ELEVATION
SCALE: NTS

- REQUIRED ONLY @ OPENINGS AS SPECIFIED ON PLAN.
- STRAPS TO BE INSTALLED ON EXTERIOR FACE OF SHTG. & MAY BE MOVED 1/2" FROM EDGE TO ALLOW FOR WINDOW NAILING.

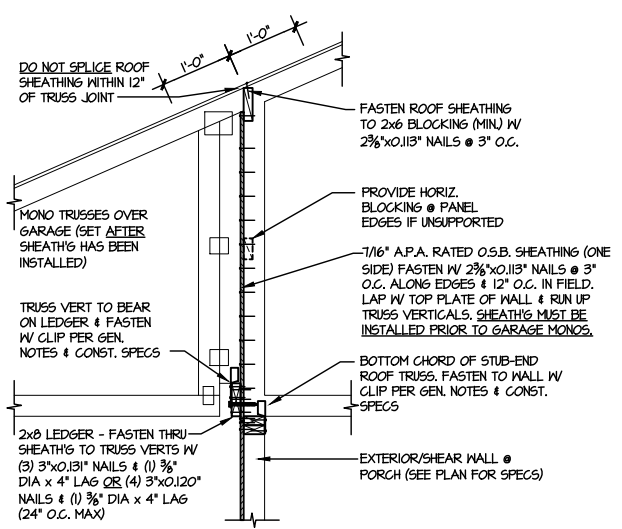


6B TYPICAL EXT. WALL & INT. SHEARWALL OPENING ELEVATION
SCALE: NTS

- REQUIRED ONLY @ OPENINGS AS SPECIFIED ON PLAN.
- STRAPS TO BE INSTALLED ON EXTERIOR FACE OF SHTG. & MAY BE MOVED 1/2" FROM EDGE TO ALLOW FOR DOOR NAILING.



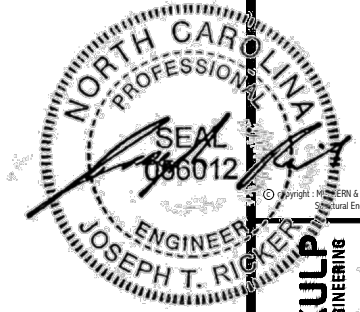
7 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



8 SHEAR TRANSFER DETAIL @ BREAK IN TRUSSES OVER SHEAR WALL
SCALE: 3/4"=1'-0" - 22x84, 3/8"=1'-0" - 1x17

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.



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
300 Bantle Ave. Building 4 - Auckler, PA 15222
P 715-948-8001 • mulhern+kulp.com
NC LICENSE #C-3825



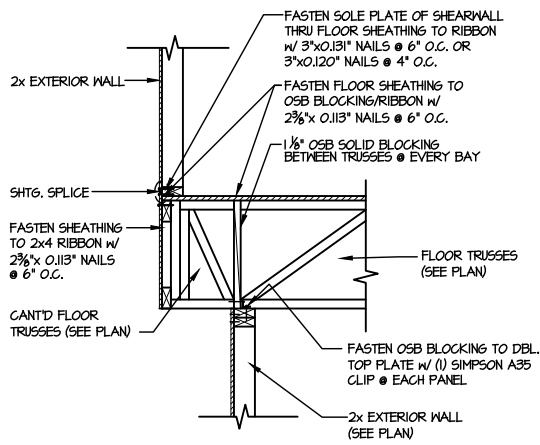
M&K project number:
126-23061
project mgr: JTR
drawn by: KFG
issue date: 03-22-24

REVISIONS:
date: initial:

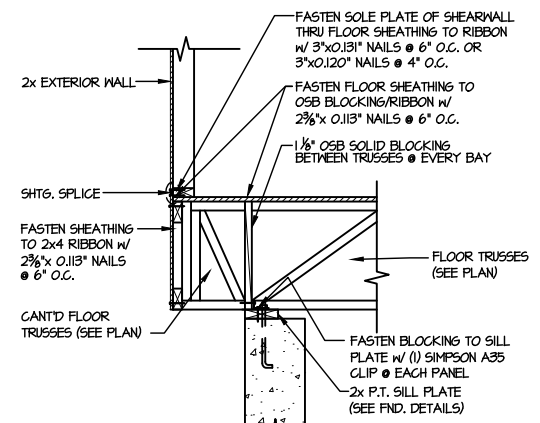
DRB HOMES

FRAMING DETAILS
BLAKE POND COMMUNITY
LOT 99 - JORDAN 3
RALEIGH, NC

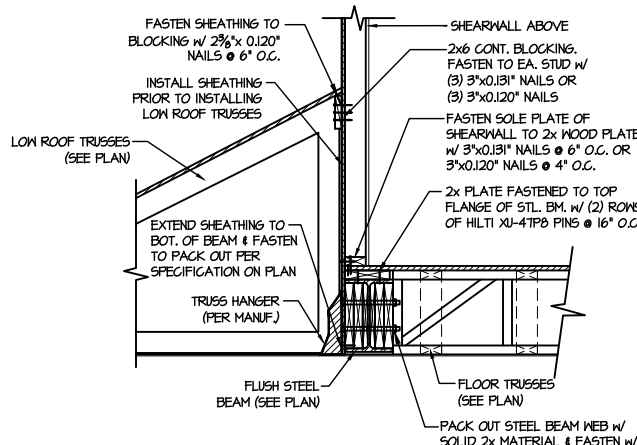
sheet:
SD2.1C



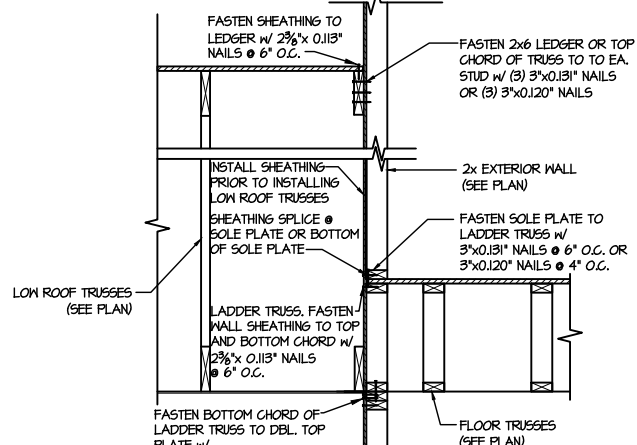
1 SHEAR TRANSFER DETAIL BETWEEN FLOORS @ CANT'D EXT. WALL
SCALE: 3/4"=1'-0"



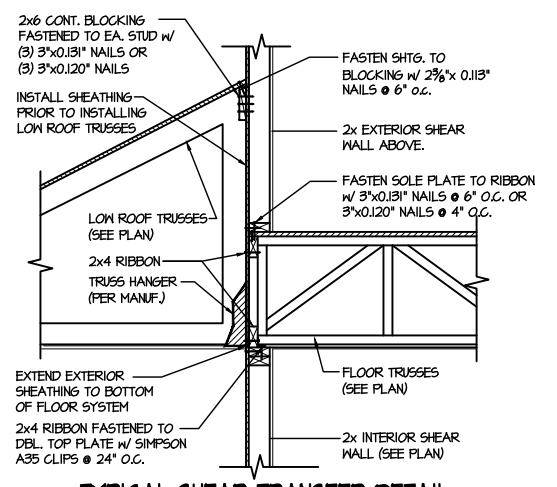
2 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



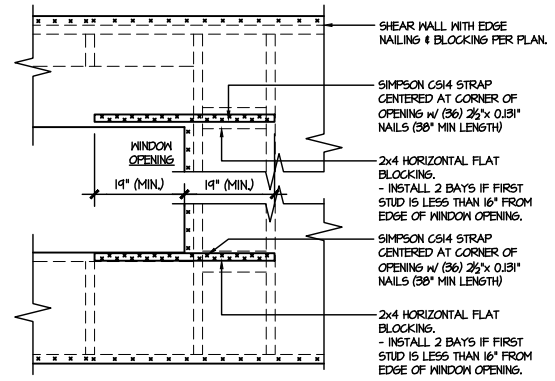
3 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/8"=1'-0"



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

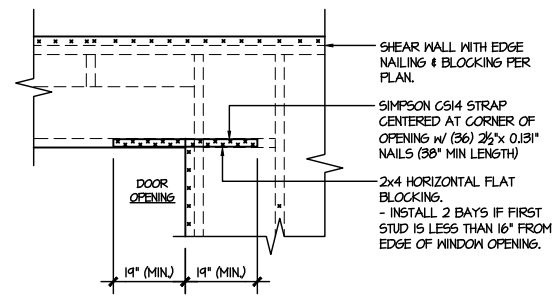


5 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0" PERPENDICULAR FRAMING



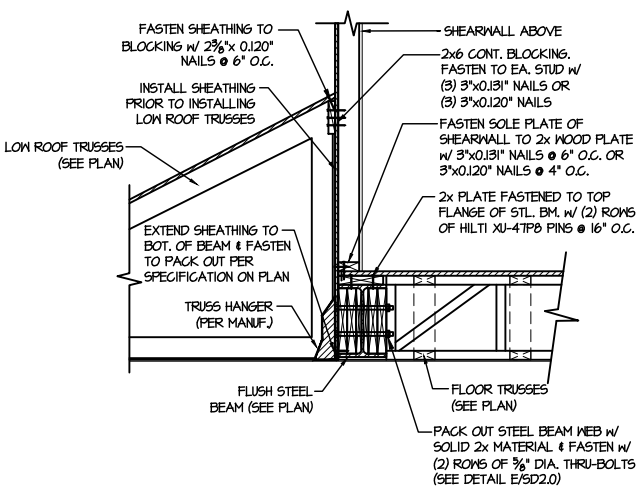
6A TYPICAL EXT. WALL & INT. SHEARWALL OPENING ELEVATION
SCALE: NTS

• REQUIRED ONLY @ OPENINGS AS SPECIFIED ON PLAN.
• STRAPS TO BE INSTALLED ON EXTERIOR FACE OF SHTG. & MAY BE MOVED 1/2" FROM EDGE TO ALLOW FOR WINDOW NAILING

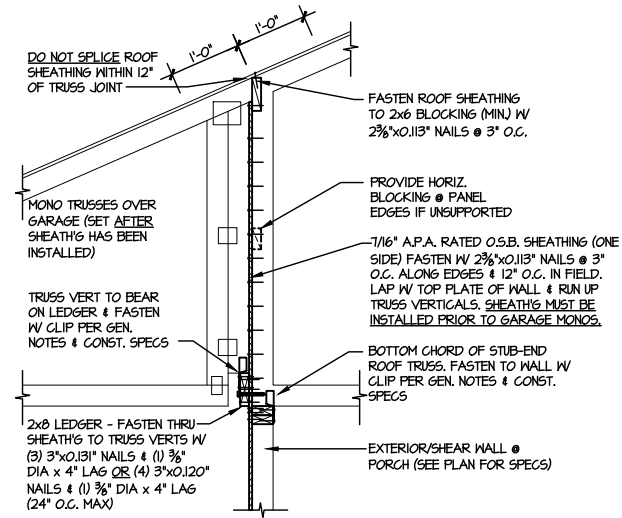


6B TYPICAL EXT. WALL & INT. SHEARWALL OPENING ELEVATION
SCALE: NTS

• REQUIRED ONLY @ OPENINGS AS SPECIFIED ON PLAN.
• STRAPS TO BE INSTALLED ON EXTERIOR FACE OF SHTG. & MAY BE MOVED 1/2" FROM EDGE TO ALLOW FOR DOOR NAILING



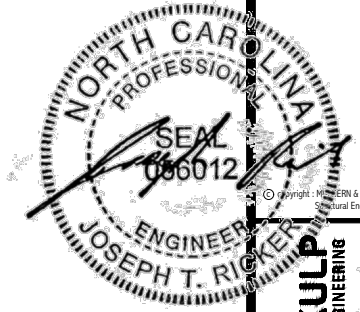
7 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



8 SHEAR TRANSFER DETAIL @ BREAK IN TRUSSES OVER SHEAR WALL
SCALE: 3/4"=1'-0" - 2204
3/8"=1'-0" - INT

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.

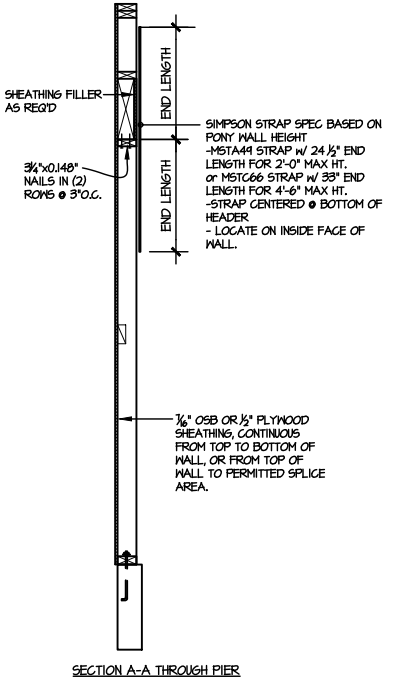
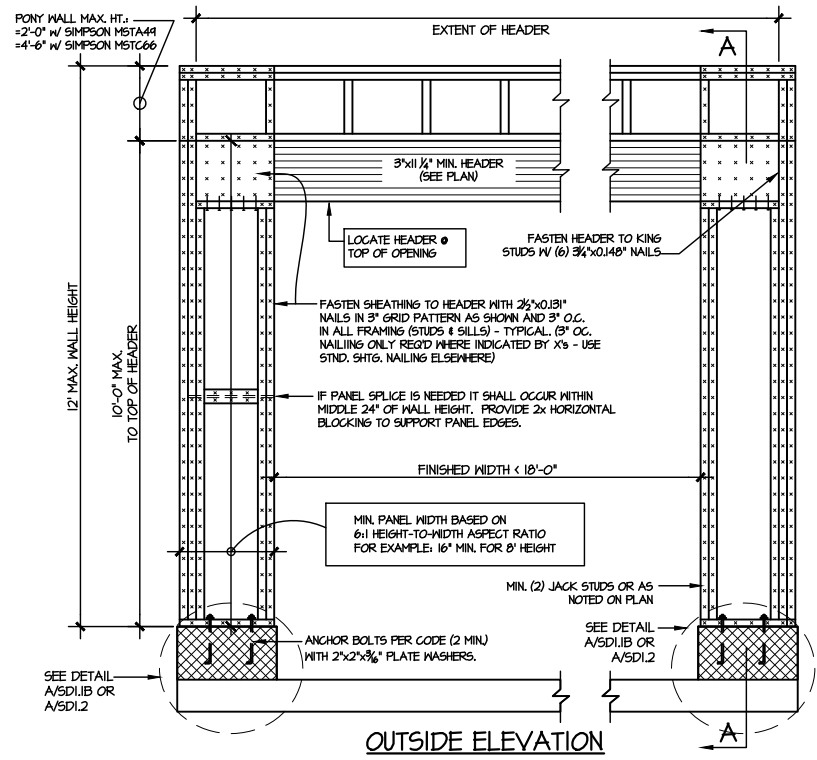


MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
300 Bantock Ave., Building 4 - Aankar, PA 15022
P 715-948-8001 - mulhern+kulp.com
NC LICENSE #C-3825

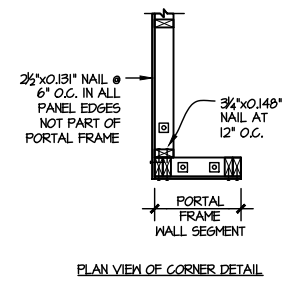
M&K project number:
126-23061
project mgr: JTR
drawn by: KFG
issue date: 03-22-24
REVISIONS:
date: initial:



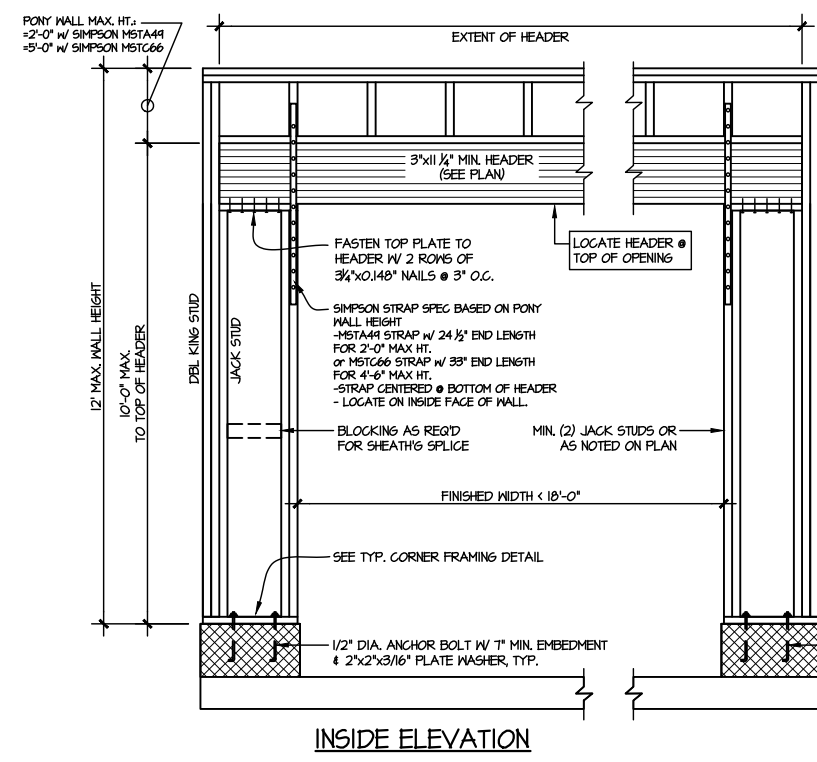
FRAMING DETAILS
BLAKE POND COMMUNITY
LOT 99 - JORDAN 3
RALEIGH, NC



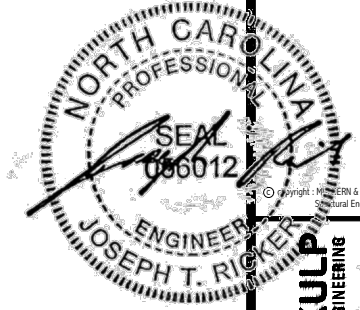
NOTE: ALL SHEATHABLE AREAS OF EXTERIOR WALL SHALL BE FULLY SHEATHED WITH 1/2" PLYWOOD OR 1/2" OSB



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



TWO SIDED GARAGE PORTAL FRAME BRACING ELEVATION ON CMU STEM
SCALE: NTS



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
300 Bannockburn Ave, Building 4 - Auckler, PA 15022
P 215-948-5001 - mulhern+kulp.com
NC LICENSE #C-3825



M&K project number:
126-23061

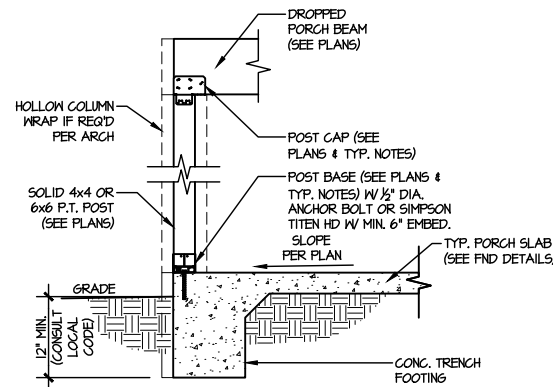
project mgr: JTR
drawn by: KFG
issue date: 03-22-24

REVISIONS:
date: initial:



FRAMING DETAILS
BLAKE POND COMMUNITY
LOT 99 - JORDAN 3
RALEIGH, NC

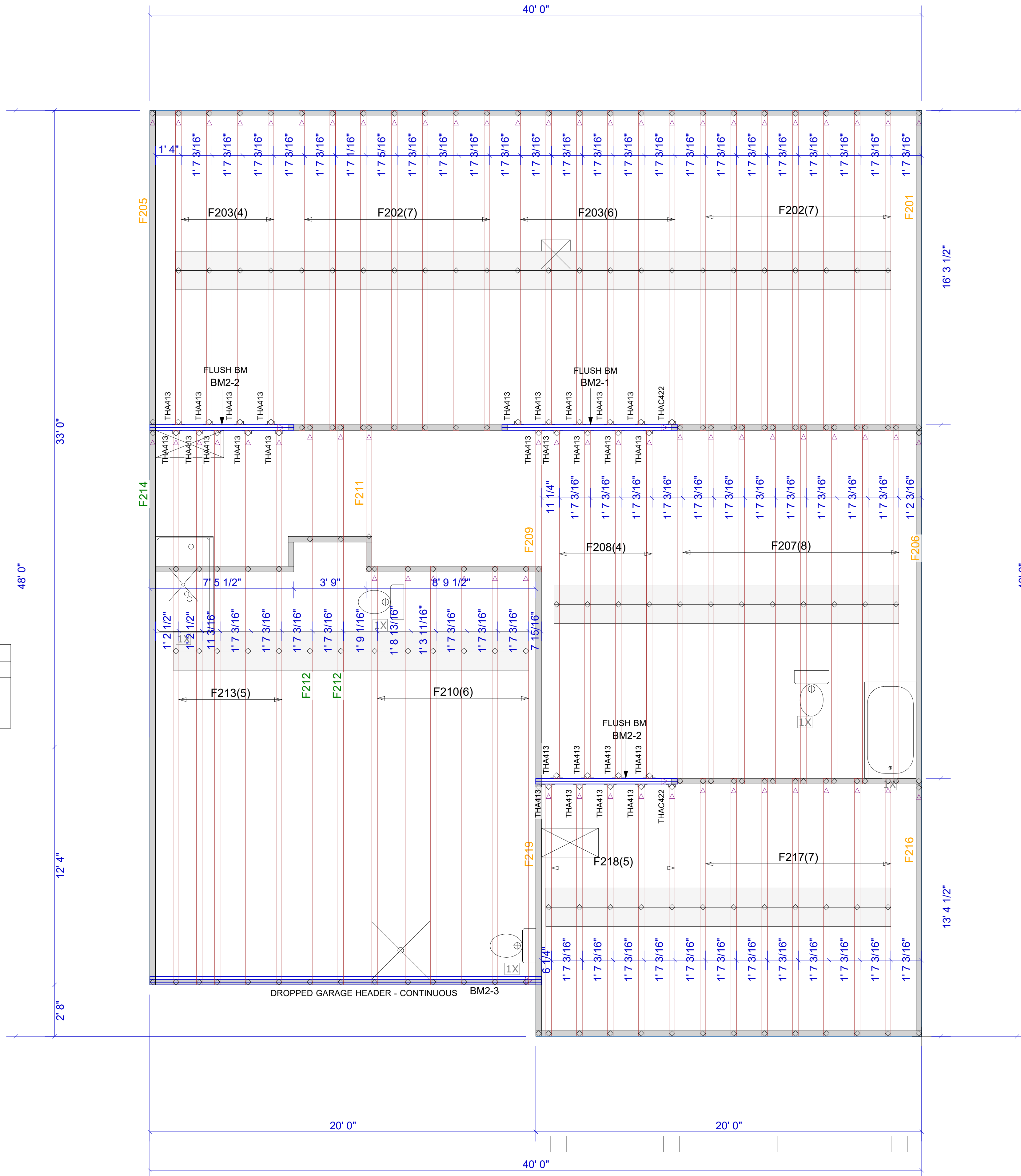
sheet:
SD3.0



TYPICAL PORCH POST CONNECTION DETAIL
SCALE: NONE
SLAB ON GRADE SHOWN (SIM @ GRAVE & BENT)

Products					
Net Qty	Plies	Product	Product	Length	PlotID
2	2	1-3/4" x 14" VERSA-LAM® 2.0 3100 SP		10' 0"	BM2-1
4	2	1-3/4" x 14" VERSA-LAM® 2.0 3100 SP		8' 0"	BM2-2
3	3	1-3/4" x 16" VERSA-LAM® 2.0 3100 SP		22' 0"	BM2-3

Truss Connector Total List		
Qty	Product	Manuf
27	THA413	Simpson
2	THAC422	Simpson



▲ = LEFT END OF TRUSS

FOR PERMIT



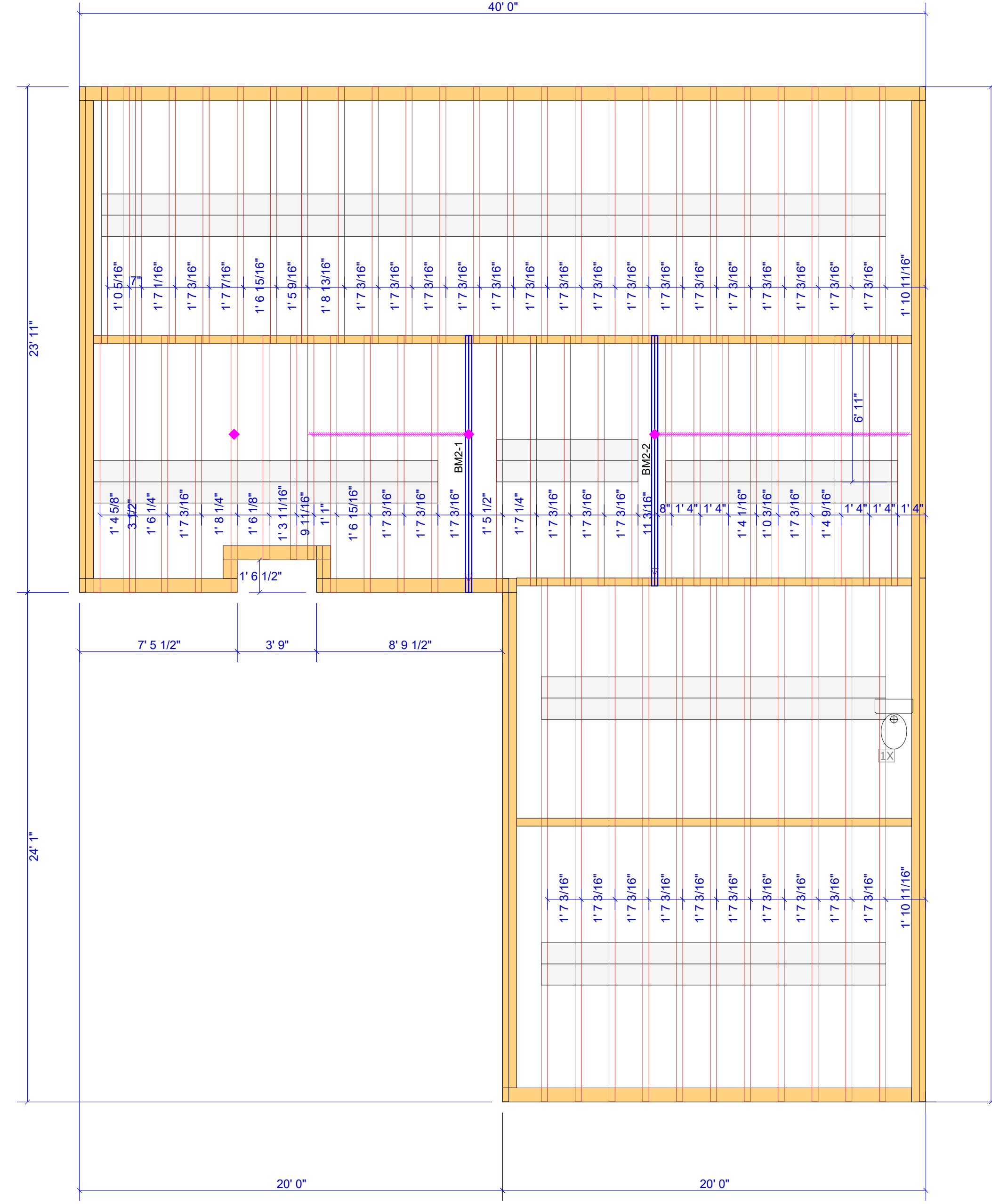
Moncks Corner/Easley, SC (800) 475-3999
Sparta, NC (336) 372-2226

REVISIONS:

Client: DRB GROUP-RALEIGH	
Job: LOT 0.0099 BLAKE POND	
Plan Information: JORDAN-3	
NOT TO SCALE	Date: 03/07/24
Drawn By: TAS	Job #: Sales Rep: KYLE GIBSON
	23-B588-F02 Phone: 864-304-3282

FLOOR

WARNING! Long span trusses, 60' or greater in length, require extreme care and experience for proper and safe handling and installation. For general handling and installation guidance, see the "Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), JOINTLY PRODUCED BY SBCA and TPI. For project specific guidance, consult with a registered design professional. ATLANTIC assumes no responsibility for the handling, installation or bracing of trusses.



Products					
Net Qty	Plies	Product	Length	PlotID	
2	2	1-3/4" x 14" VERSA-LAM® 2.0 3100 SP	14' 0"	BM2-1	
2	2	1-3/4" x 14" VERSA-LAM® 2.0 3100 SP	12' 0"	BM2-2	

▲ = LEFT END OF TRUSS

FOR PERMIT

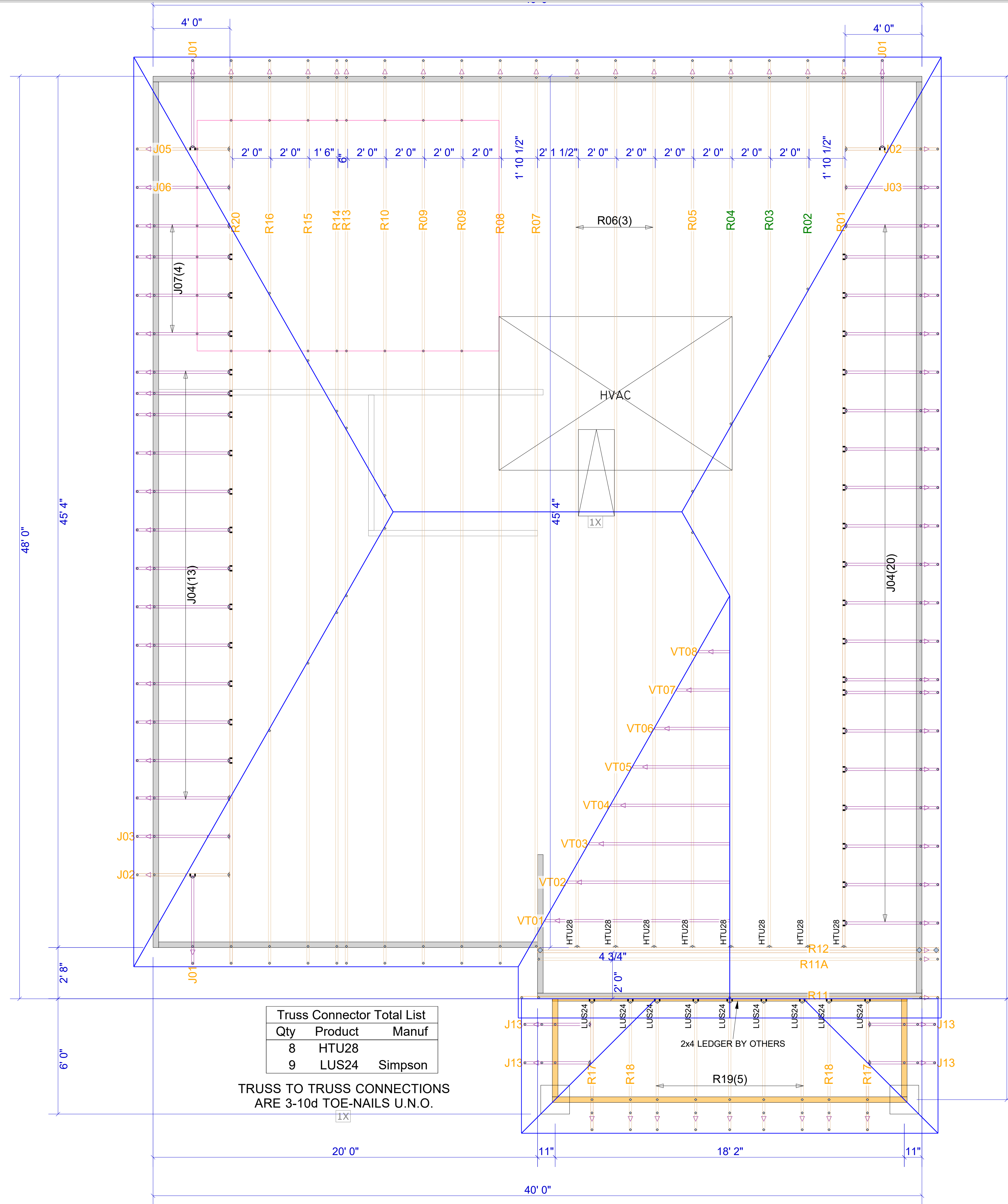


Moncks Corner/Easley, SC (800) 475-3999
 Sparta, NC (336) 372-2226

REVISIONS:

Client: DRB GROUP-RALEIGH		FLOOR	
Job: LOT 0.0099 BLAKE POND			
Plan Information: JORDAN-3			
NOT TO SCALE	Date: 03/07/24	Sales Rep: KYLE GIBSON	
Drawn By: TAS	Job #:	Phone: 864-304-3282	

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 0.0099 BLAKE POND
 Plan Information: JORDAN-3
 NOT TO SCALE
 Drawn By: TAS
 Date: 03/07/24
 Job #: Sales Rep: KYLE GIBSON
 23-B588-R01 Phone: 864-304-3282

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.