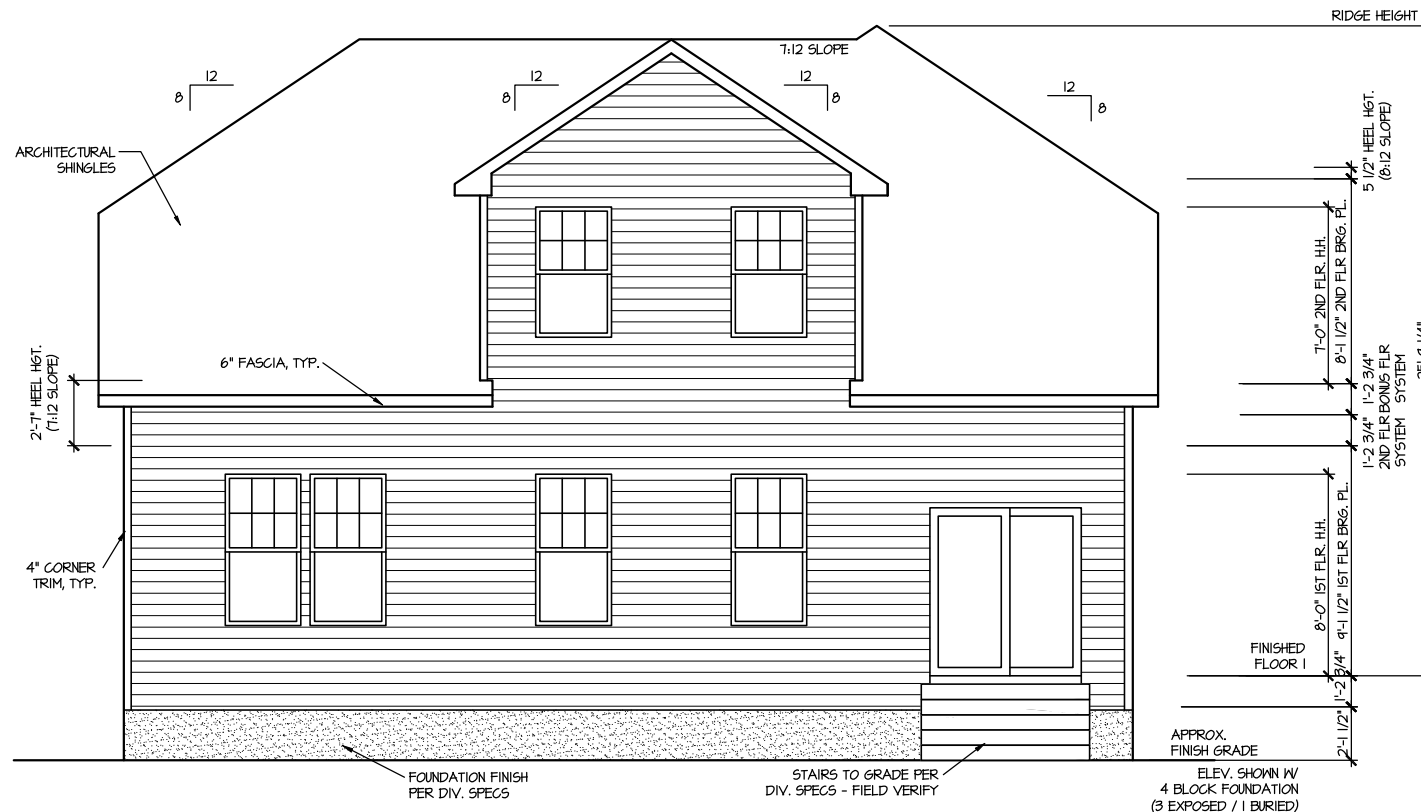


FRONT ELEVATION 10

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



REAR ELEVATION 10

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

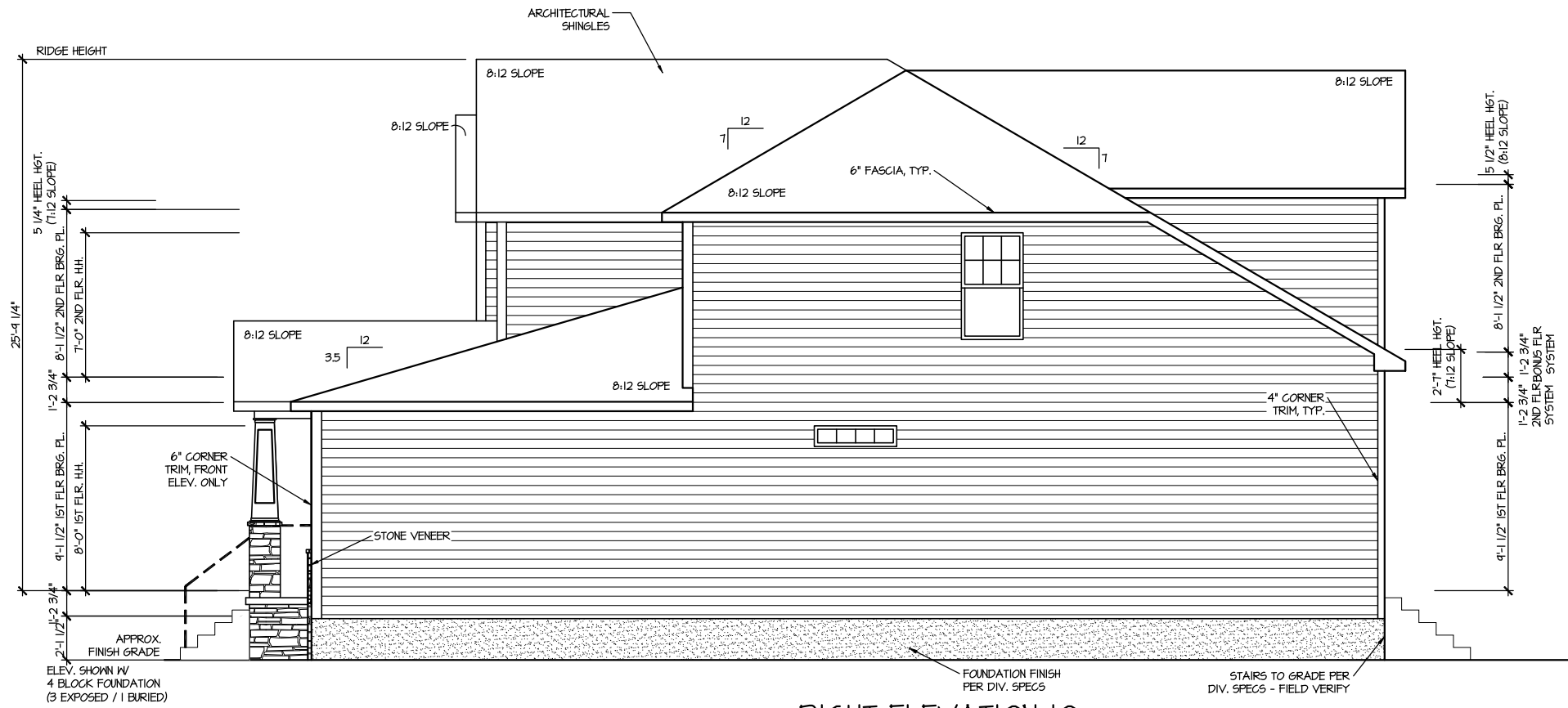
| MASTER PLAN INFORMATION | | UPDATED DATE |
|-------------------------|------------|--------------|
| REVISION | DATE | 02-03-2023 |
| 1 - RALE | 10-12-2018 | |

| | |
|-----------|------------|
| DRAWN BY: | ITS |
| DATE: | 02/29/2024 |
| PLAN NO. | 2183 |



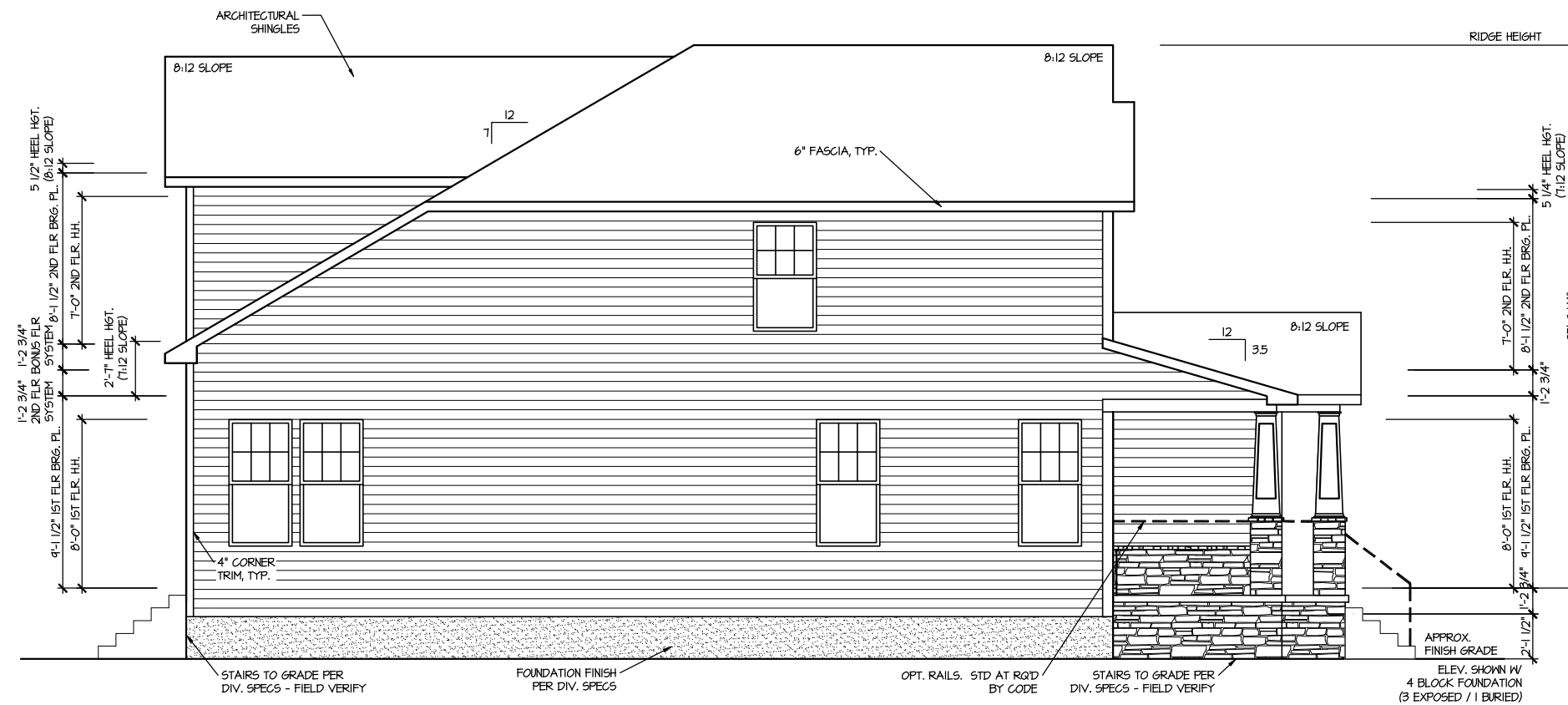
| | |
|---------------|-------------------------|
| HOUSE NAME: | MIDDLETON |
| DRAWING TITLE | FRONT & REAR ELEVATIONS |

| | |
|-----------|-----|
| SHEET No. | A.1 |
|-----------|-----|



RIGHT ELEVATION 10

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



LEFT ELEVATION 10

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

| MASTER PLAN INFORMATION | | UPDATED DATE |
|-------------------------|------------|--------------|
| REVISION | DATE | 02-03-2023 |
| 1 - RALE | 10-12-2018 | |

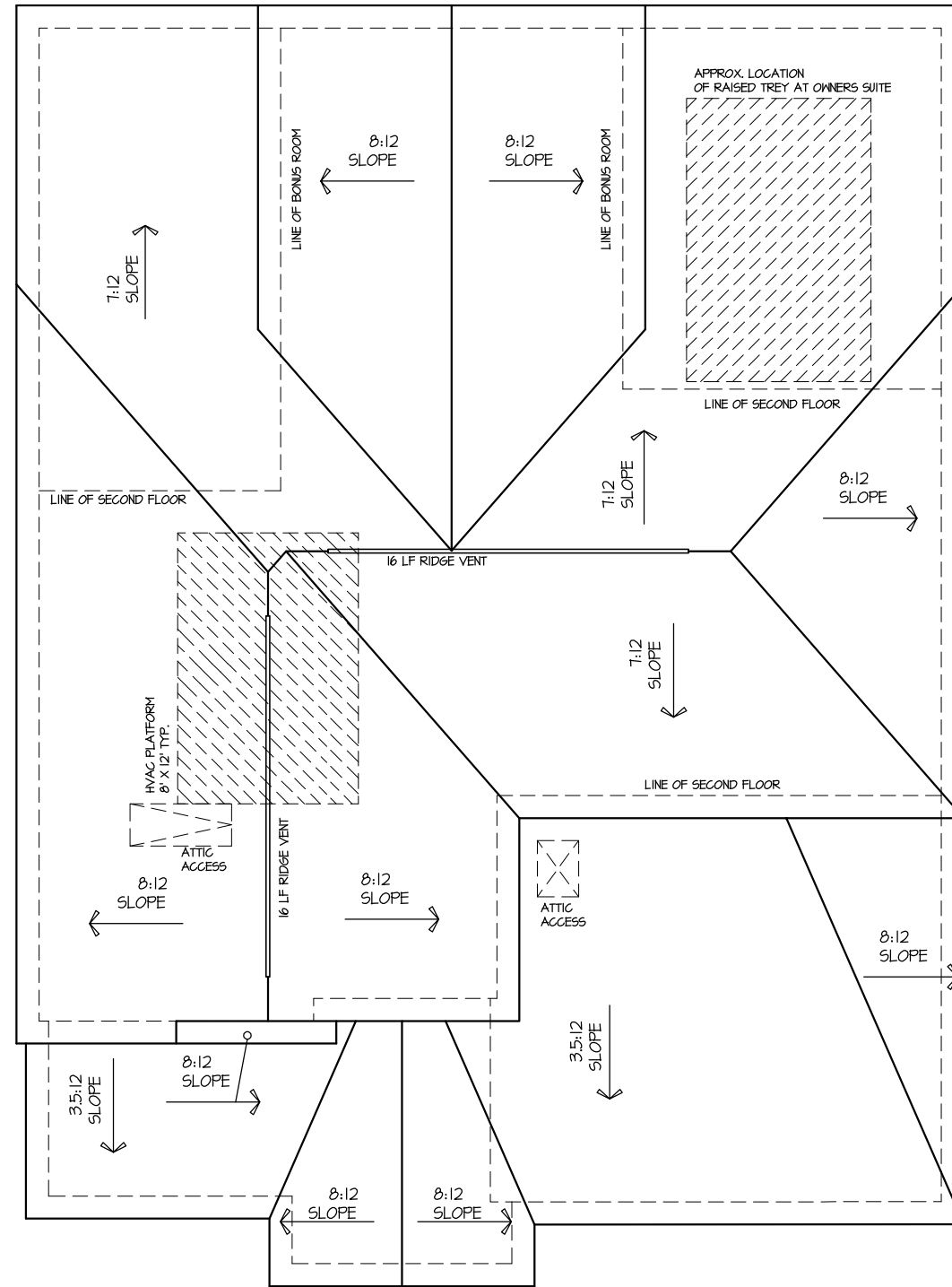
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|-----------|------------|
| DRAWN BY: | ITS |
| DATE: | 02/29/2024 |
| PLAN NO. | 2183 |



| | |
|---------------|-------------------------|
| HOUSE NAME: | MIDDLETON |
| DRAWING TITLE | RIGHT & LEFT ELEVATIONS |

| | |
|-----------|------|
| SHEET No. | A1.2 |
|-----------|------|

ROOF VENTILATION CALCULATIONS:
 ROOF AREA = 1127 SQ. FT.
OVERALL REQUIRED VENTILATION:
 1 TO 150 = 11.51 SQ. FT.
 1 TO 300 = 5.76 SQ. FT.
 50-80% IN TOP THIRD = 2.88 - 4.61 SQ. FT. (1 TO 300)
 NET FREE AREA OF VENTED SOFFIT = 5.71 SQ. IN. / LINEAR FT.
 NET FREE AREA OF RIDGE VENT = 18 SQ. IN. / LINEAR FT.
LOWER VENTING (BOTTOM 2/3 RISE):
 14 LINEAR FEET OF SOFFIT X 5.71 SQ. IN. = 4.71 SQ. FT.
UPPER VENTING (TOP 1/3 RISE):
 32 LINEAR FEET OF RIDGE X 18 SQ. IN. = 4.0 SQ. FT.
 4.00 SQ. FT. BETWEEN 50% - 80%
 (1 TO 300 ALLOWED)
TOTAL ROOF VENTILATION: 8.71 SQ. FT. > 5.76 SQ. FT. (REQ'D)



ROOF PLAN ELEV. 10
 SCALE: 1/8" = 1'-0"

| MASTER PLAN INFORMATION | |
|-------------------------|------------|
| REVISION | DATE |
| 1-RALE | 10-12-2018 |
| | |
| | |
| | |
| | |
| UPDATED DATE | 02-03-2023 |

DRAWN BY: ITS
DATE: 02/29/2024
PLAN NO.: 2183



HOUSE NAME: MIDDLETON
DRAWING TITLE: ROOF PLAN

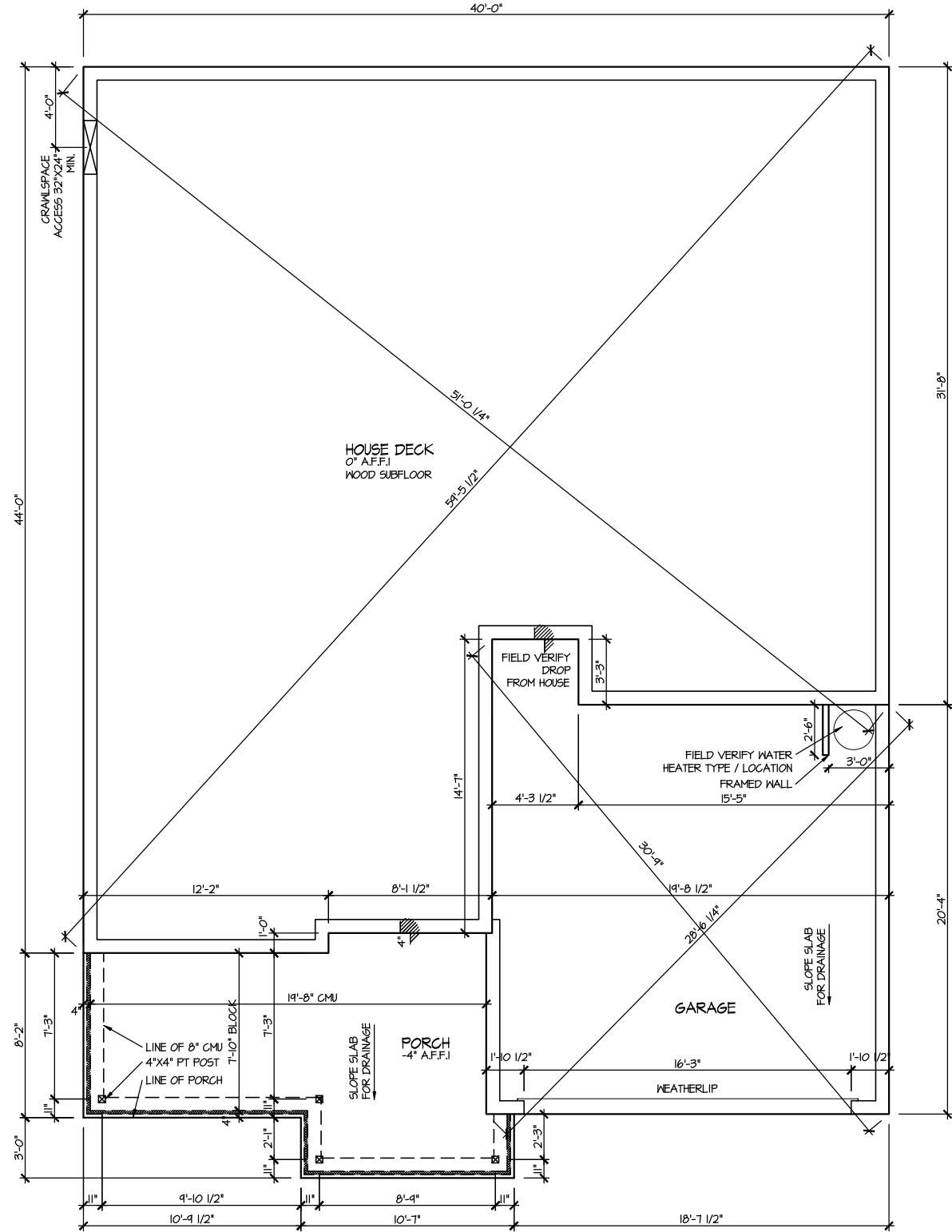
SHEET No.: A1.3

CRAWLSPACE VENT CALCULATIONS ALL ELEVATIONS
 CRAWL AREA = 1445 SQ. FT.
 OVERALL REQUIRED VENTILATION:
 1 SQ. IN. PER 1 SQ. FT. = 1444 SQ. IN.

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

VENTING REQUIREMENT:
 1445 SQ. IN. / 72 SQ. IN. = 20.1 VENTS = 21 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 10
 CRAWLSPACE PLAN**
 SCALE: 1/8" = 1'-0"

| MASTER PLAN INFORMATION | |
|-------------------------|------------|
| REVISION | DATE |
| 1 - RALE | 10-12-2018 |
| UPDATED DATE | 02-03-2023 |

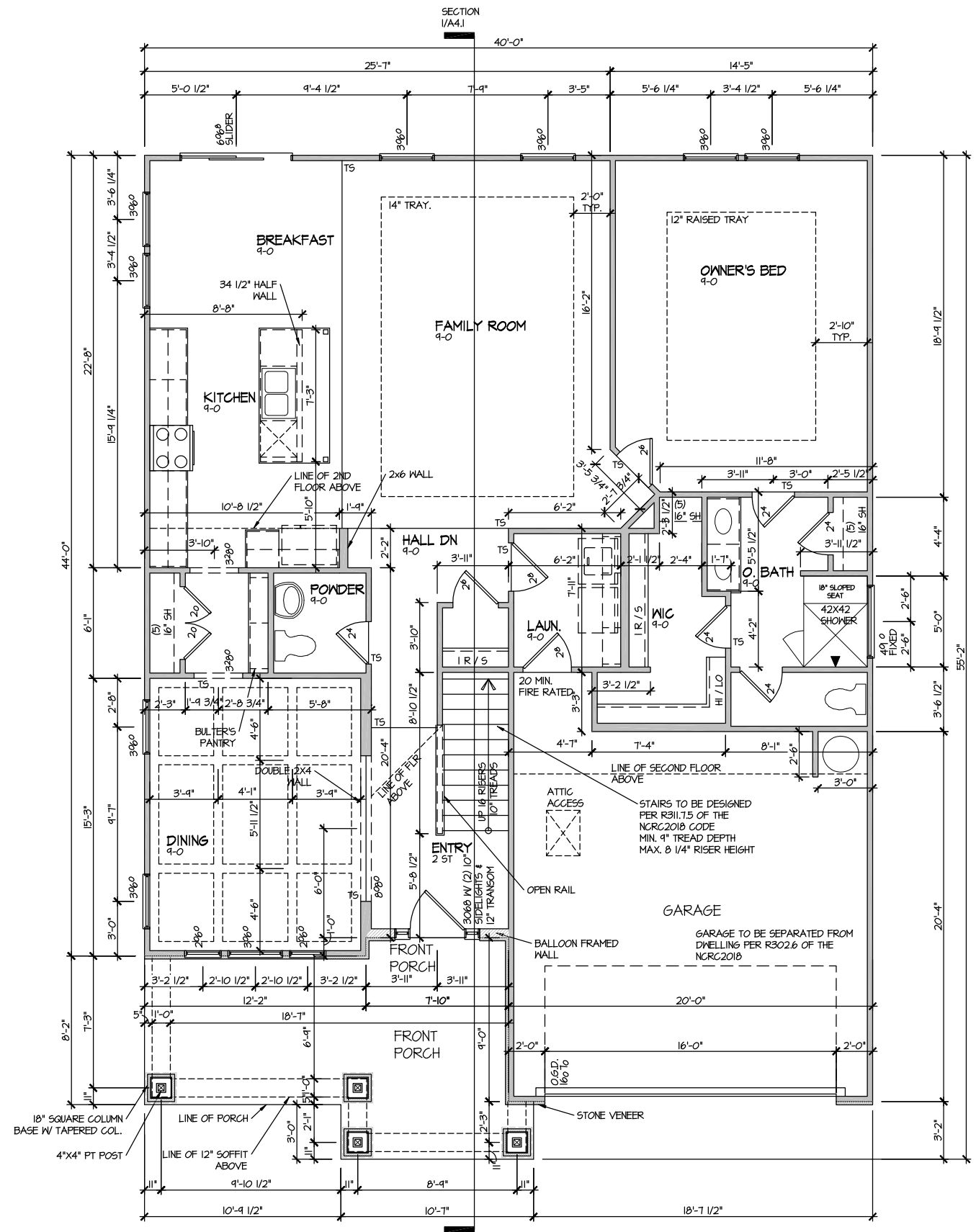
DRAWN BY: ITS
 DATE: 02/29/2024
 PLAN NO. 2183



HOUSE NAME: MIDDLETON
 DRAWING TITLE: CRAWLSPACE PLAN

SHEET No. A2.1

FILE: Lot_00.0003.dwg DATE: 2/29/2024 3:35 PM



ELEVATION 10
 FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0"

| MASTER PLAN INFORMATION | |
|-------------------------|------------|
| REVISION | DATE |
| 1 - RALE | 10-12-2018 |
| UPDATED DATE | 02-03-2023 |

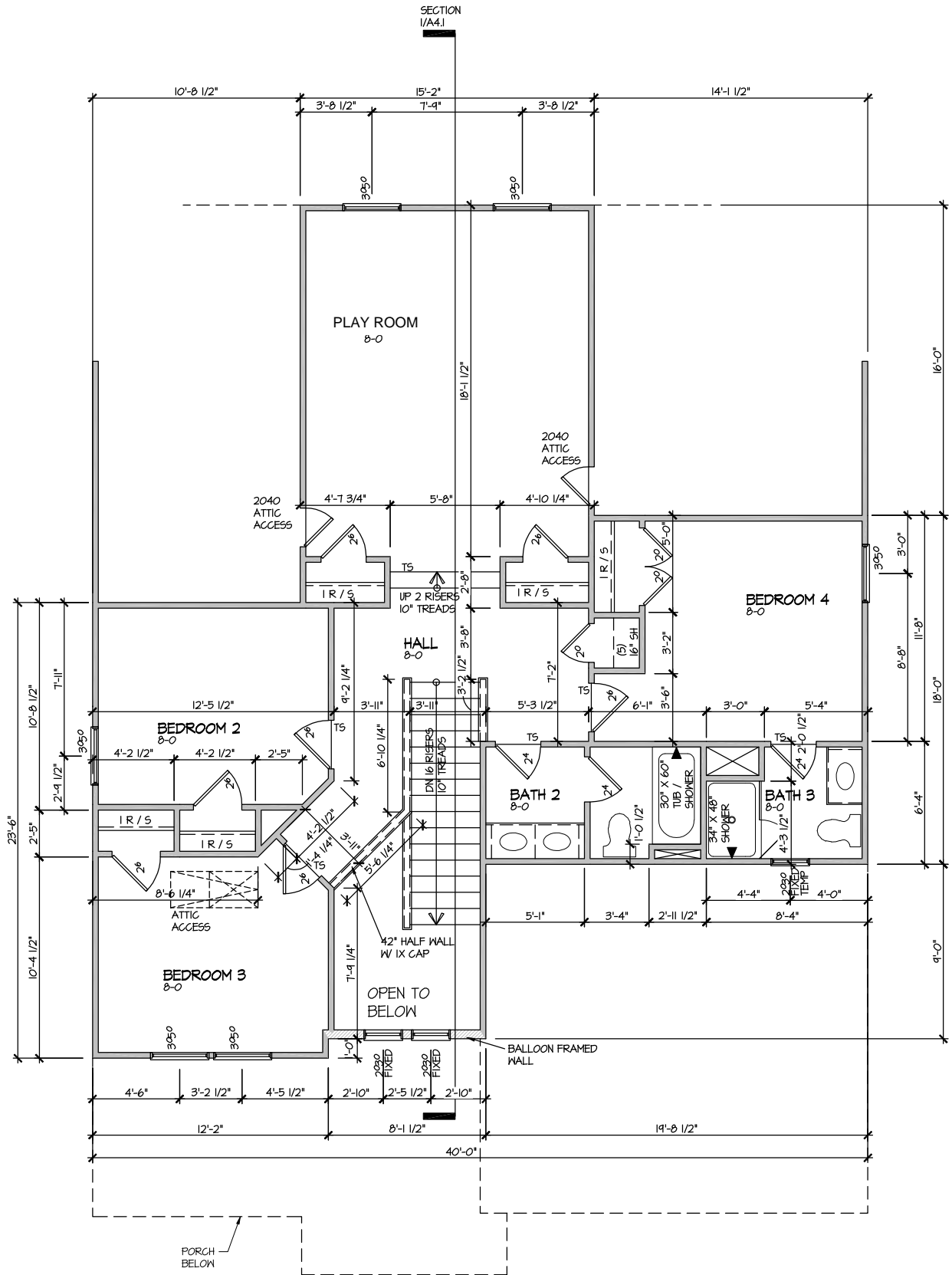
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| DRAWN BY: | ITS |
| DATE: | 02/29/2024 |
| PLAN NO. | 2183 |



| | |
|---------------|------------------|
| HOUSE NAME: | MIDDLETON |
| DRAWING TITLE | FIRST FLOOR PLAN |

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

FILE: Lot 00.0003.dwg DATE: 2/29/2024 3:35 PM



ELEVATION 10
SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

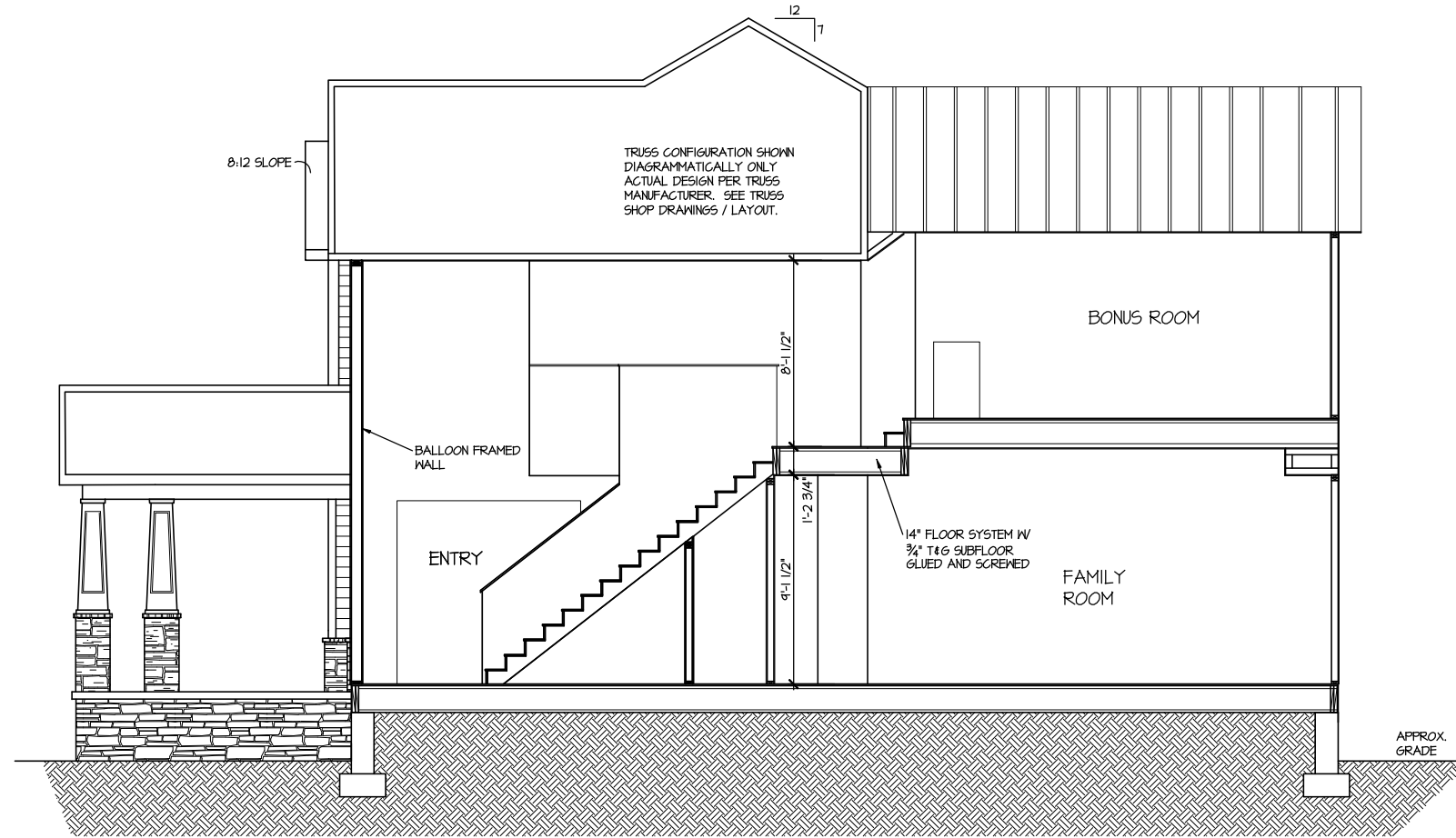
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| REVISION | DATE |
| 1 - RALE | 10-12-2018 |
| UPDATED DATE | 02-03-2023 |

| | |
|-----------|------------|
| DRAWN BY: | ITS |
| DATE: | 02/29/2024 |
| PLAN NO. | 2183 |



| | |
|---------------|-------------------|
| HOUSE NAME: | MIDDLETON |
| DRAWING TITLE | SECOND FLOOR PLAN |

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



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

| MASTER PLAN INFORMATION | |
|-------------------------|------------|
| REVISION | DATE |
| 1 - RALE | 10-12-2018 |
| | |
| | |
| UPDATED DATE | 02-03-2023 |

| | |
|-----------|------------|
| DRAWN BY: | ITS |
| DATE: | 02/29/2024 |
| PLAN NO. | 2183 |



| | |
|---------------|------------------|
| HOUSE NAME: | MIDDLETON |
| DRAWING TITLE | BUILDING SECTION |

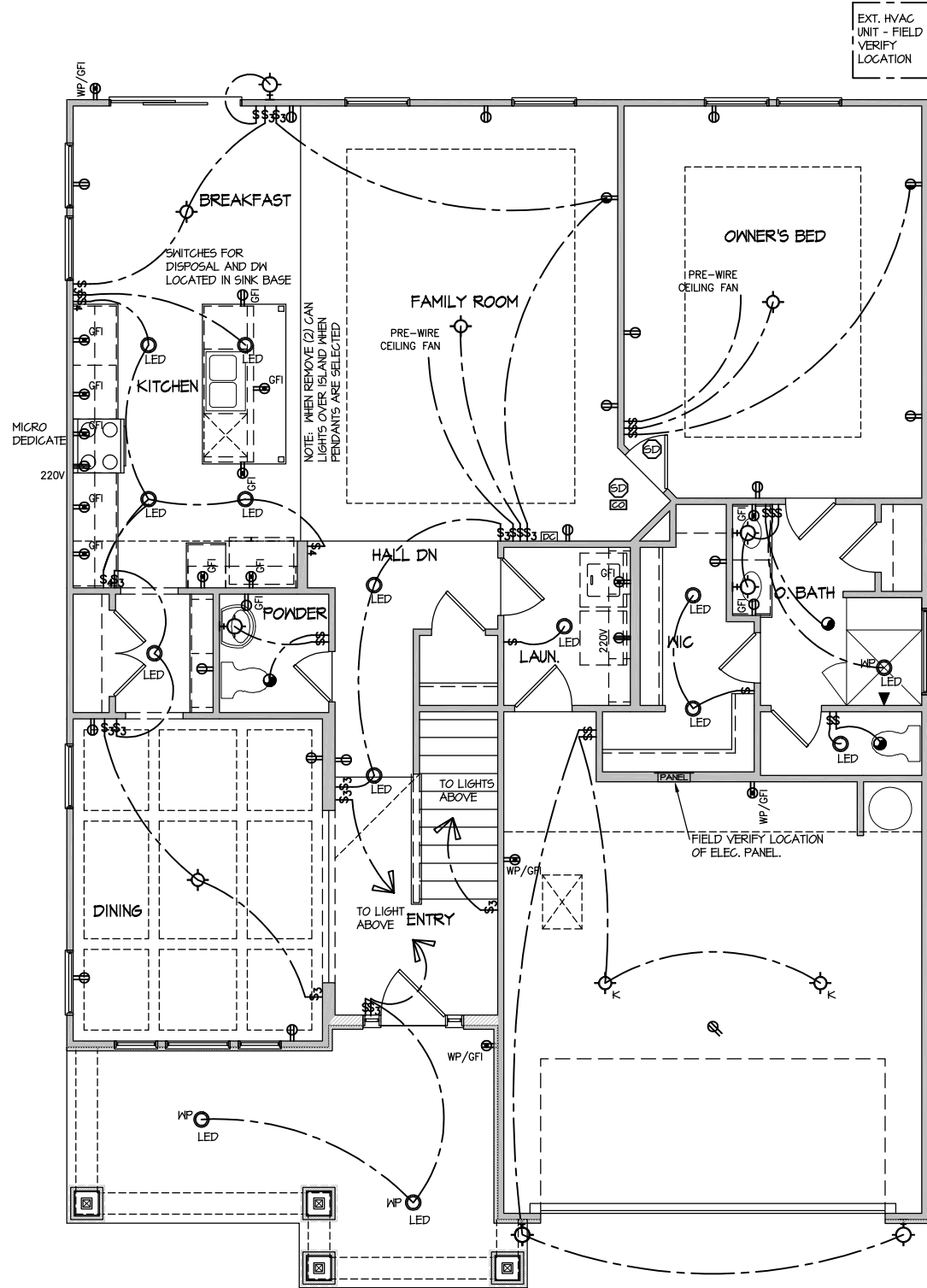
SHEET No.
A4.1

FILE: Lot_00.0003.dwg DATE: 2/29/2024 3:35 PM

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
- ⊕-SD SMOKE DETECTOR - WIRED IN SERIES
- ⊕-E EXHAUST FAN MOTOR
- ⊕-CO CO DETECTOR
- ⊕-C DOOR CHIME
- ⊕-H LIGHT FIXTURE - WALL MOUNTED
- ⊕-C LIGHT FIXTURE - CEILING MOUNTED
- ⊕-LED LIGHT FIXTURE - LED SURFACE MOUNTED
- ⊕-P PULLCHAIN LAMPHOLDER
- ⊕-K KEYLESS LAMPHOLDER

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



ELECTRICAL PLAN
FIRST FLOOR - ELEV. 10
 SCALE: 1/8" = 1'-0"

| MASTER PLAN INFORMATION | | UPDATED DATE |
|-------------------------|------------|--------------|
| REVISION | DATE | |
| 1 - RALE | 10-12-2018 | |
| | | 02-03-2023 |

DRAWN BY: ITS
 DATE: 02/29/2024
 PLAN NO. 2183



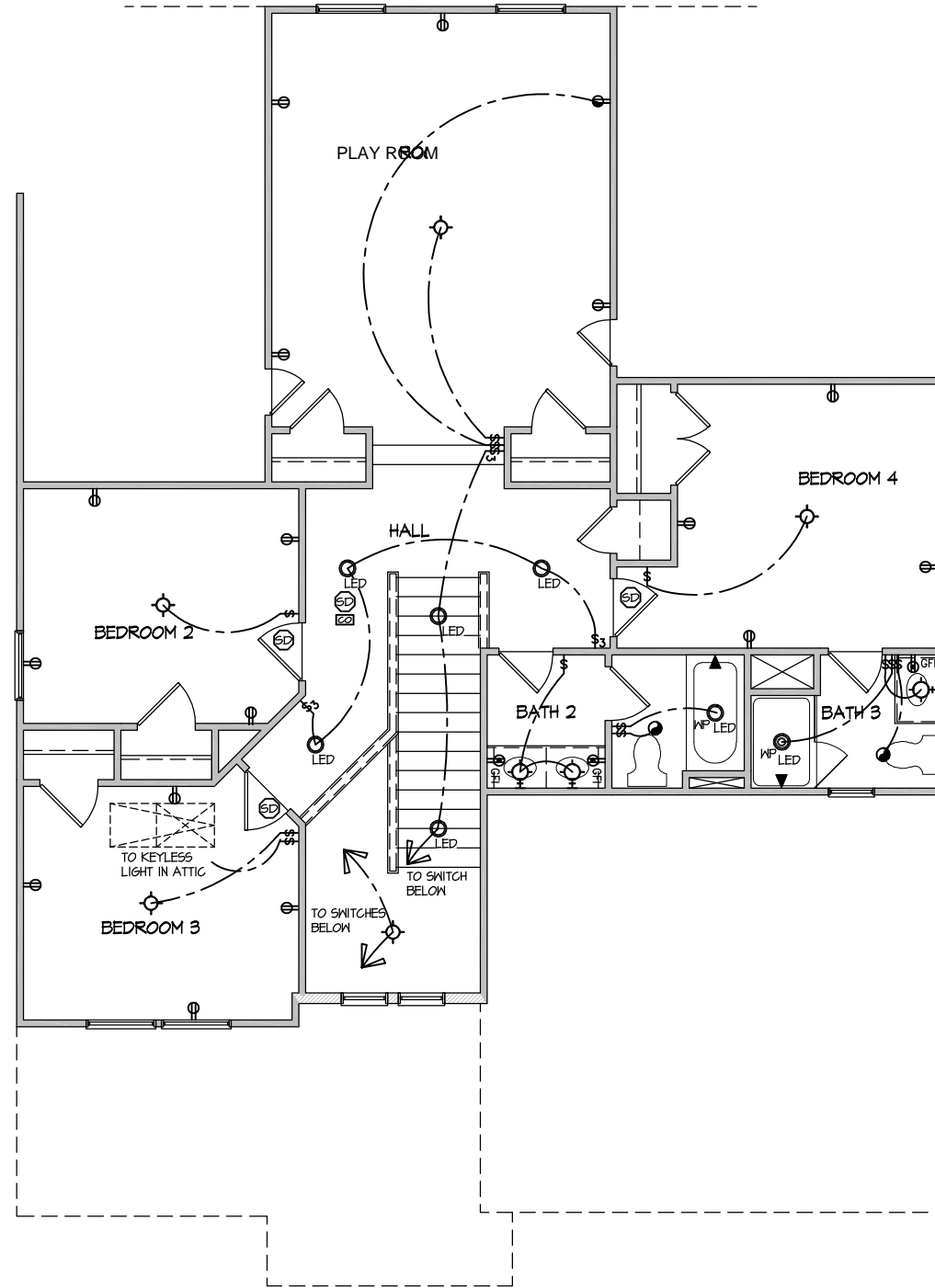
HOUSE NAME: MIDDLETON
 DRAWING TITLE: FIRST FLOOR ELECTRICAL

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
- ⊕_{SD} SMOKE DETECTOR - WIRED IN SERIES
- ⊕_{EF} EXHAUST FAN MOTOR
- ⊕_{CO} CO DETECTOR
- ⊕_{DC} DOOR CHIME
- ⊕_{WM} LIGHT FIXTURE - WALL MOUNTED
- ⊕_{CM} LIGHT FIXTURE - CEILING MOUNTED
- ⊕_{LSM} LIGHT FIXTURE - LED SURFACE MOUNTED
- ⊕_P PULLCHAIN LAMPHOLDER
- ⊕_K KEYLESS LAMPHOLDER

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



**ELECTRICAL PLAN
SECOND FLOOR - ELEV. 10**
SCALE: 1/8" = 1'-0"

| MASTER PLAN INFORMATION | |
|-------------------------|--------------|
| REVISION | DATE |
| 1 - RALE | 10-12-2018 |
| | UPDATED DATE |
| | 02-03-2023 |

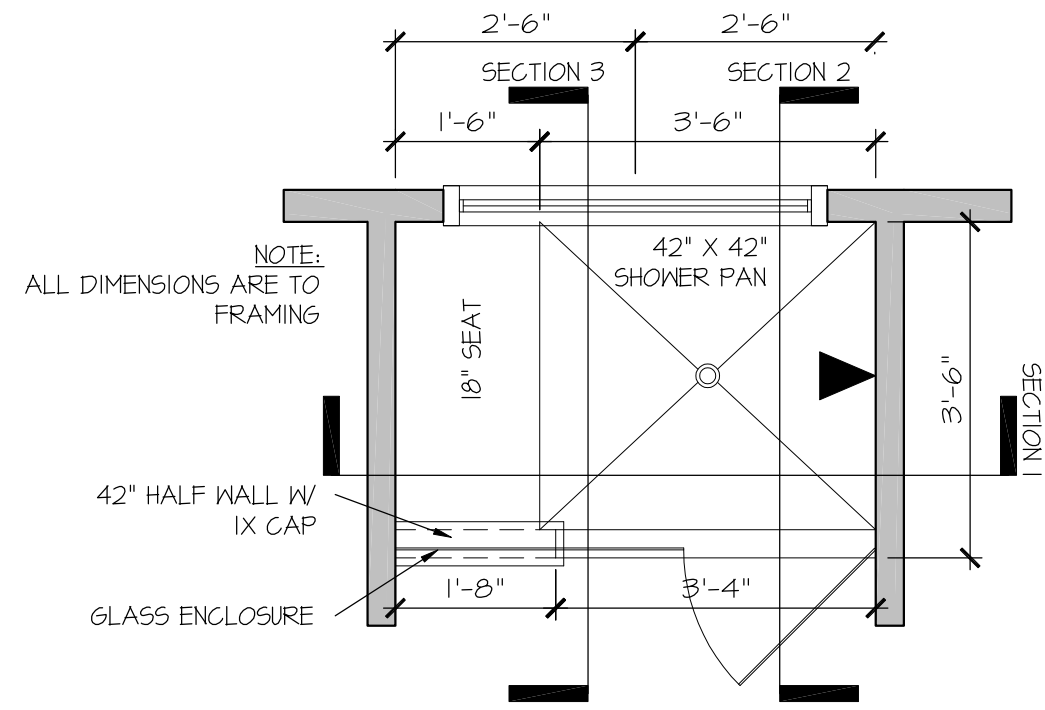
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| DRAWN BY: | ITS |
| DATE: | 02/29/2024 |
| PLAN NO. | 2183 |



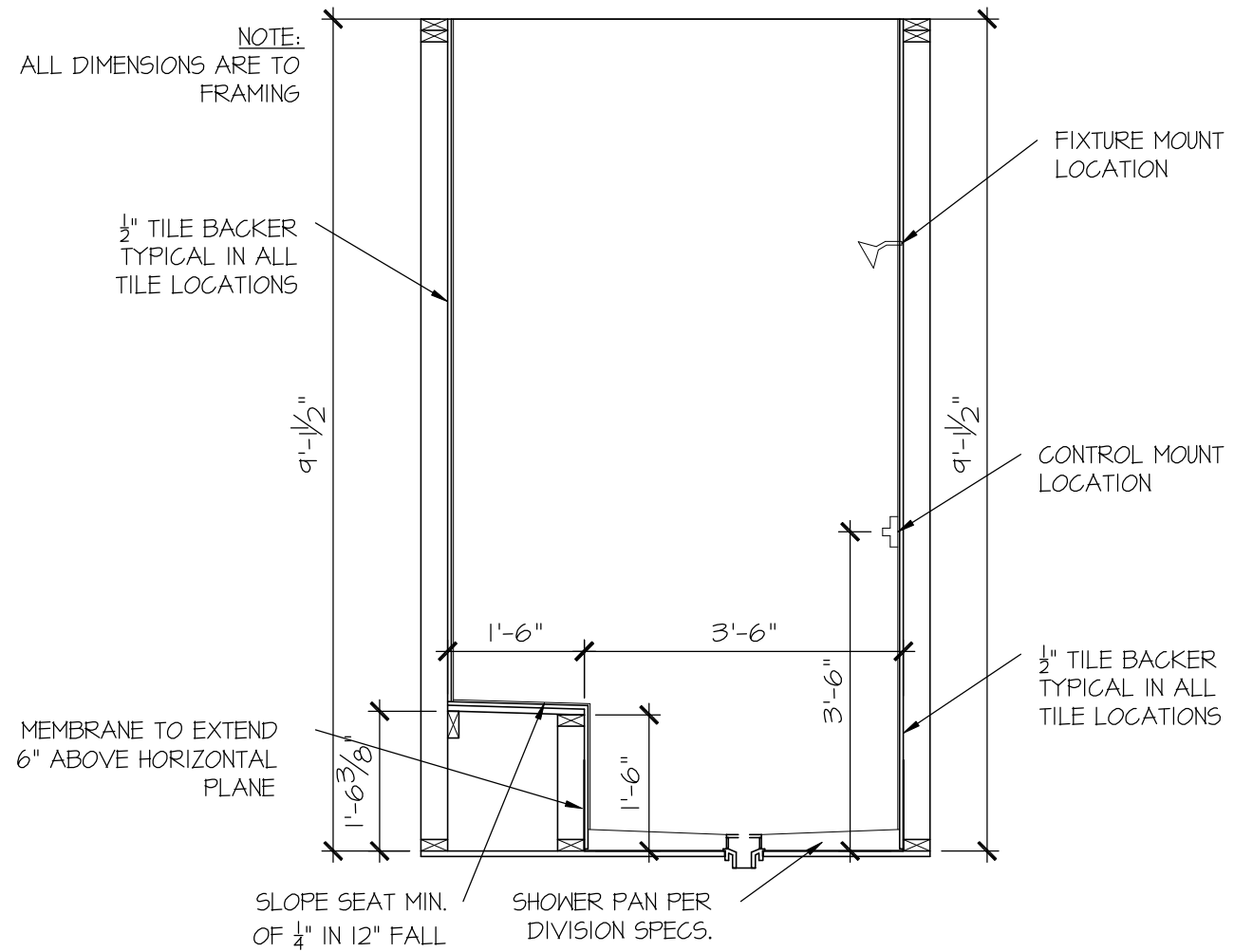
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|---------------|-------------------------|
| HOUSE NAME: | MIDDLETON |
| DRAWING TITLE | SECOND FLOOR ELECTRICAL |

| | |
|-----------|------|
| SHEET No. | E1.2 |
|-----------|------|

FILE: Lot_00.0003.dwg DATE: 2/29/2024 3:35 PM



RALE TILE SHOWER
42" X 42" W 18" SEAT
SCALE: 1/2" = 1'-0"



RALE TILE SHOWER
SECTION A
SCALE: 1/2" = 1'-0"

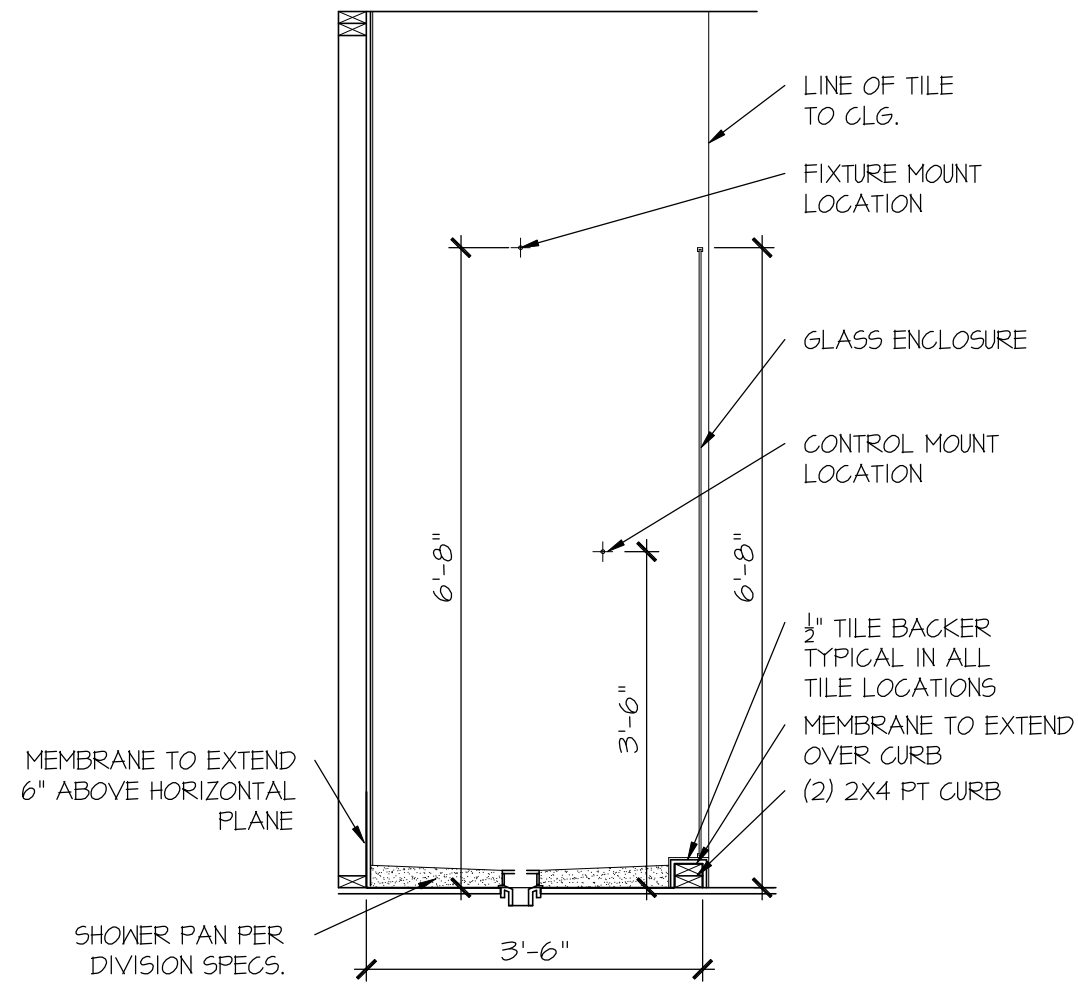
SEAL

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



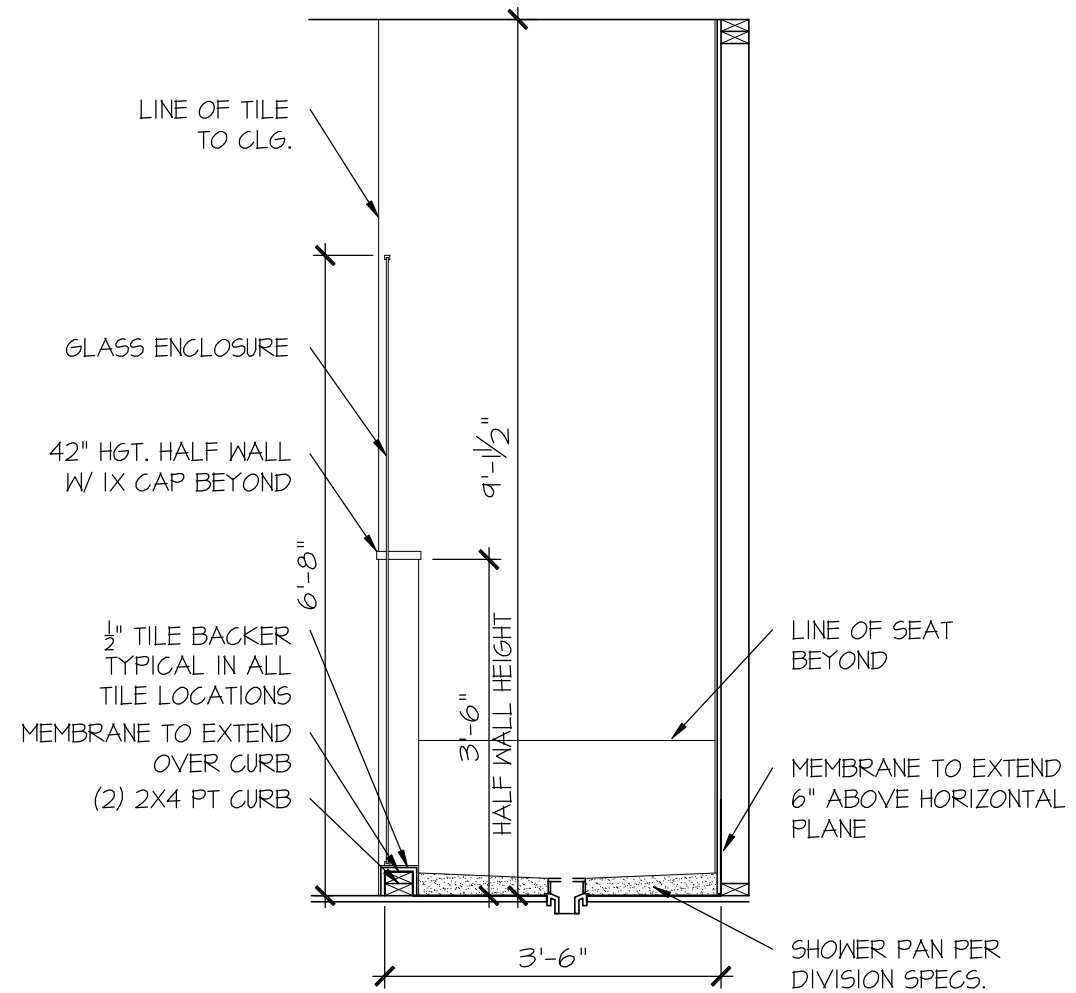
HOUSE NAME:
DRAWING TITLE
RALE TILE SHOWER DETAIL

SHEET No.
01.12



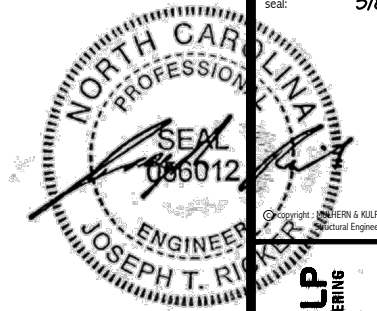
RALE TILE SHOWER SECTION B

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



RALE TILE SHOWER SECTION C

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



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M&K project number:
126-23047

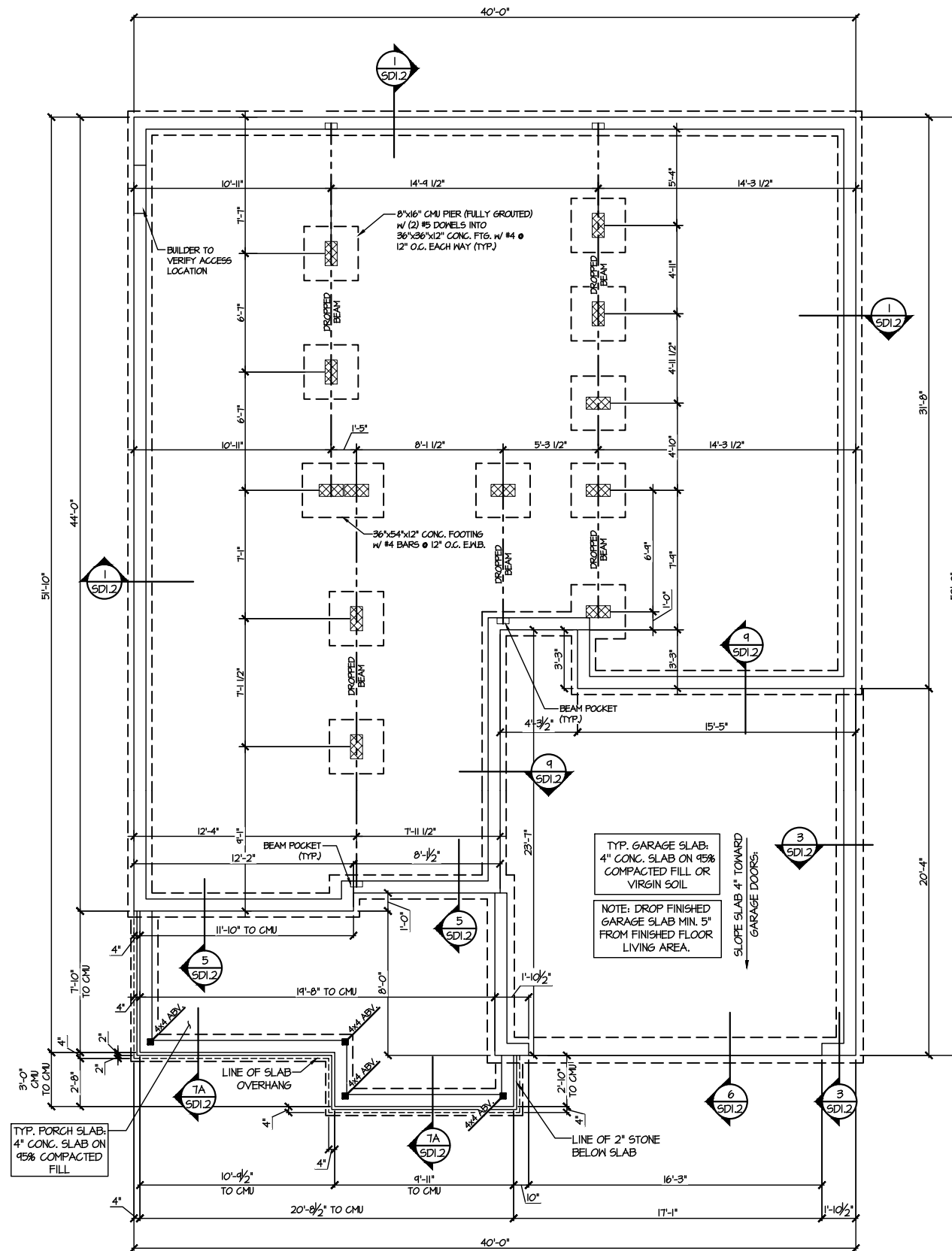
project mgr: JTR
drawn by: KFG
issue date: 03-04-24

REVISIONS:
date: initial:



FOUNDATION PLANS
HONEYCUTT HILLS
LOT 3 - MIDDLETON 10
RALEIGH, NC

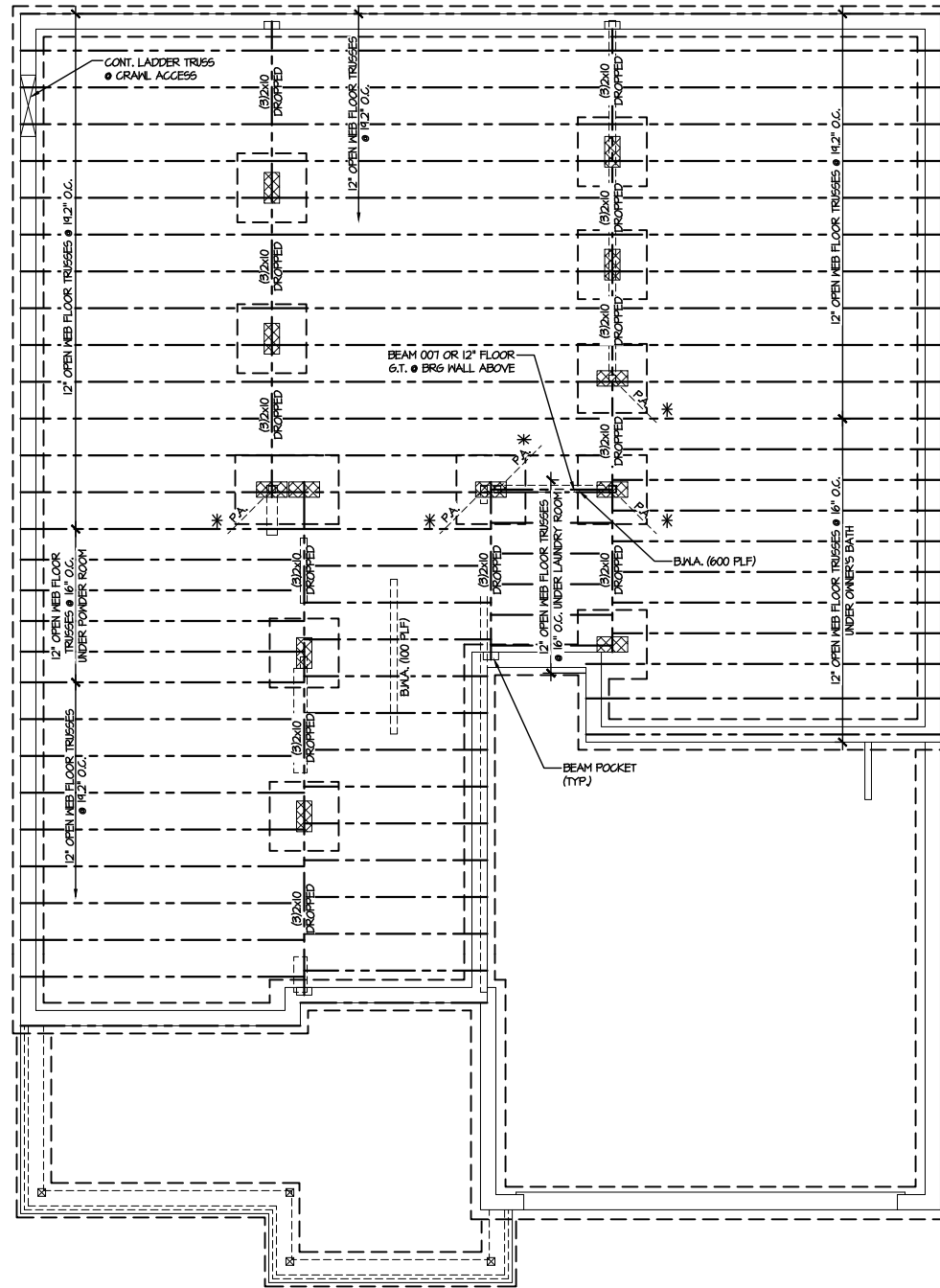
sheet:
S1.0



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. |

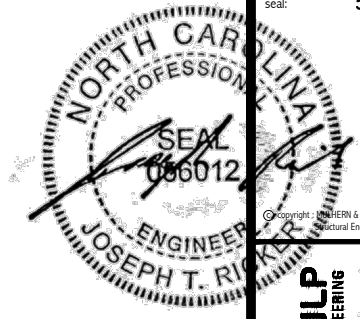
REFER TO 50.0 FOR
TYPICAL STRUCTURAL NOTES
& SCHEDULES



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



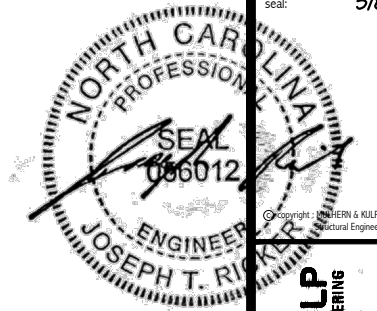
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drawn by: KFG
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FLOOR FRAMING PLANS
HONEYCUTT HILLS
LOT 3 - MIDDLETON 10
RALEIGH, NC



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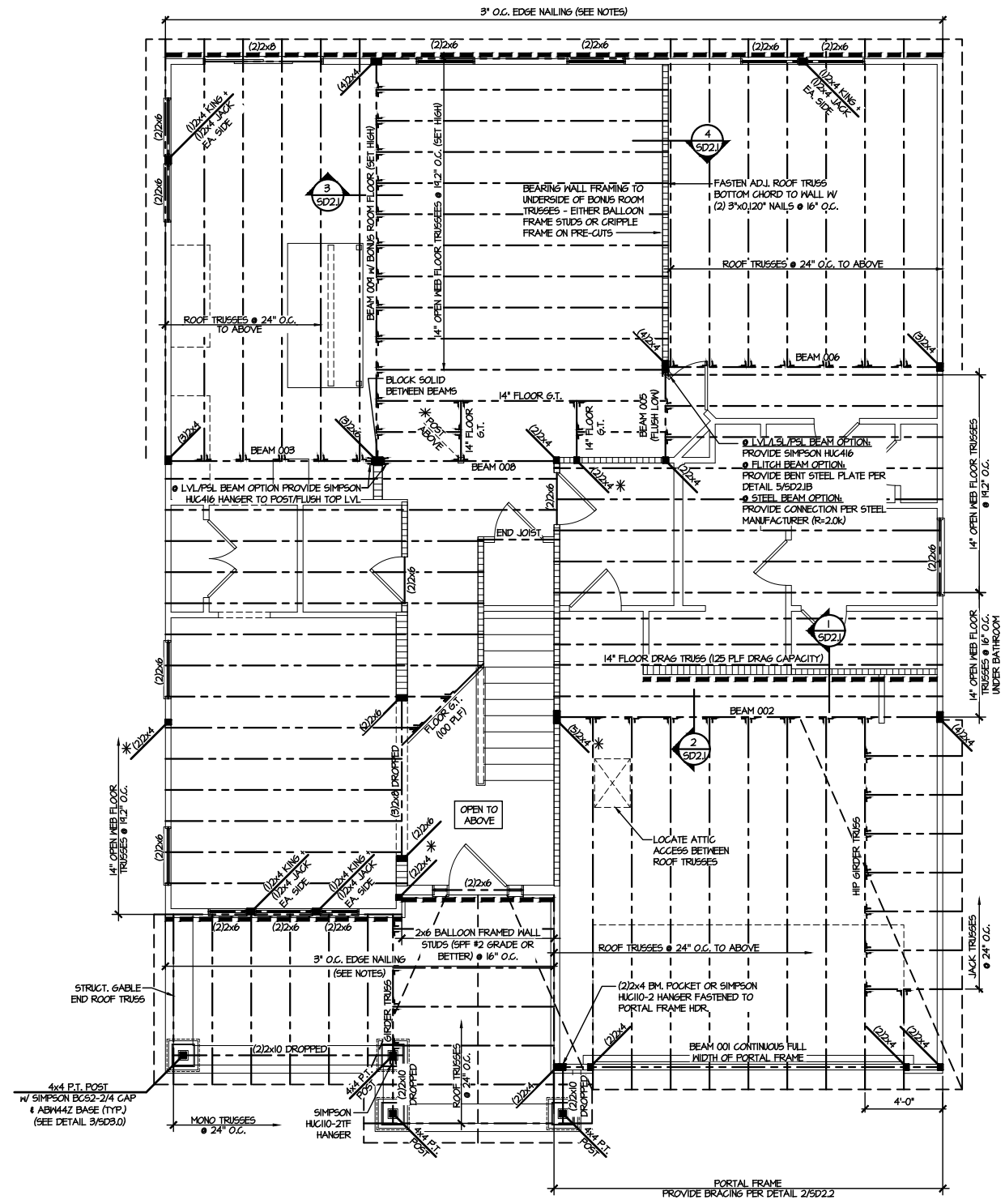
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project mgr: JTR
drawn by: KFG
issue date: 03-04-24

REVISIONS:
date: initial:

DRB
HOMES

FLOOR FRAMING PLANS
HONEYCUTT HILLS
LOT 3 - MIDDLETON 10
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

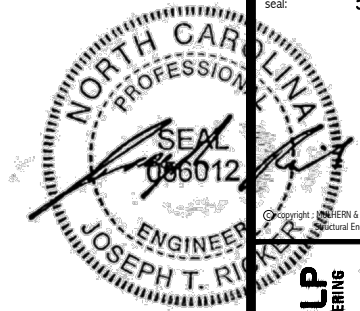
- [Hatching] INTERIOR BEARING WALL
- [Hatching] BEARING WALL ABOVE
- [Hatching] BEAM / HEADER
- [Hatching] INDICATES SHEAR WALL & EXTENT
- [Hatching] EXTENT OF OVERFRAMING
- J.L. METAL HANGER
- INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.
- ▶ INDICATES HOLD-DOWN OR STRAP. REFER 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)1 1/2"x11 1/8" - H | 3 1/2"x11 1/8" - H | (2)1 1/2"x11 1/8" - H | (2)2x12 + (1) 1/2"x11 1/8" STEEL FLITCH PLATE - H | N/A |
| 001A | (2)1 1/2"x11 1/8" - H | 3 1/2"x11 1/8" - H | (2)1 1/2"x11 1/8" - H | (2)2x12 + (1) 1/2"x11 1/8" STEEL FLITCH PLATE - H | N/A |
| 002 | (2)1 1/2"x18" - FT | 5 1/2"x18" - FT | N/A | (3)2x12 + (2) 1/2"x11 1/8" STEEL FLITCH PLATES - FB | W12x19 - F |
| 003 | (2)1 1/2"x14" - F | 3 1/2"x14" - F | (2)1 1/2"x14" - F | (2)2x12 + (1) 1/2"x11 1/8" STEEL FLITCH PLATE - FB | W12x14 - F |
| 004 | (2)1 1/2"x14" - F | 3 1/2"x14" - F | (2)1 1/2"x14" - F | (2)2x12 + (1) 1/2"x11 1/8" STEEL FLITCH PLATE - FB | W12x14 - F |
| 005 | (2)1 1/2"x14" - F | 3 1/2"x14" - F | (2)1 1/2"x14" - F | (2)2x12 + (1) 1/2"x11 1/8" STEEL FLITCH PLATE - FB | W12x14 - F |
| 006 | (2)1 1/2"x14" - F | 3 1/2"x14" - F | (2)1 1/2"x14" - F | (2)2x12 + (1) 1/2"x11 1/8" STEEL FLITCH PLATE - FB | W12x14 - F |
| 007 | (2)1 1/2"x11 1/8" - F | 3 1/2"x11 1/8" - F | (2)1 1/2"x11 1/8" - F | (2)2x12 + (1) 1/2"x11 1/8" STEEL FLITCH PLATE - F | W10x12 - F |
| 008 | (2)1 1/2"x14" - F | 3 1/2"x14" - F | (2)1 1/2"x14" - F | (2)2x12 + (1) 1/2"x11 1/8" STEEL FLITCH PLATE - FB | W12x14 - F |
| 009 | (3)1 1/2"x18" - FT | 5 1/2"x18" - FT | N/A | (4)2x12 + (3) 1/2"x11 1/8" STEEL FLITCH PLATES - FB | W12x26 - F |
| 010 | (3)1 1/2"x20" - FT | 5 1/2"x20" - FT | N/A | (4)2x12 + (3) 1/2"x11 1/8" STEEL FLITCH PLATES - FB | W12x35 - F |
| 011 | (2)1 1/2"x11 1/8" - FB | 3 1/2"x11 1/8" - FB | (2)1 1/2"x14" - FB | (2)2x12 + (1) 1/2"x11 1/8" STEEL FLITCH PLATE - FB | W10x12 - FB |

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.



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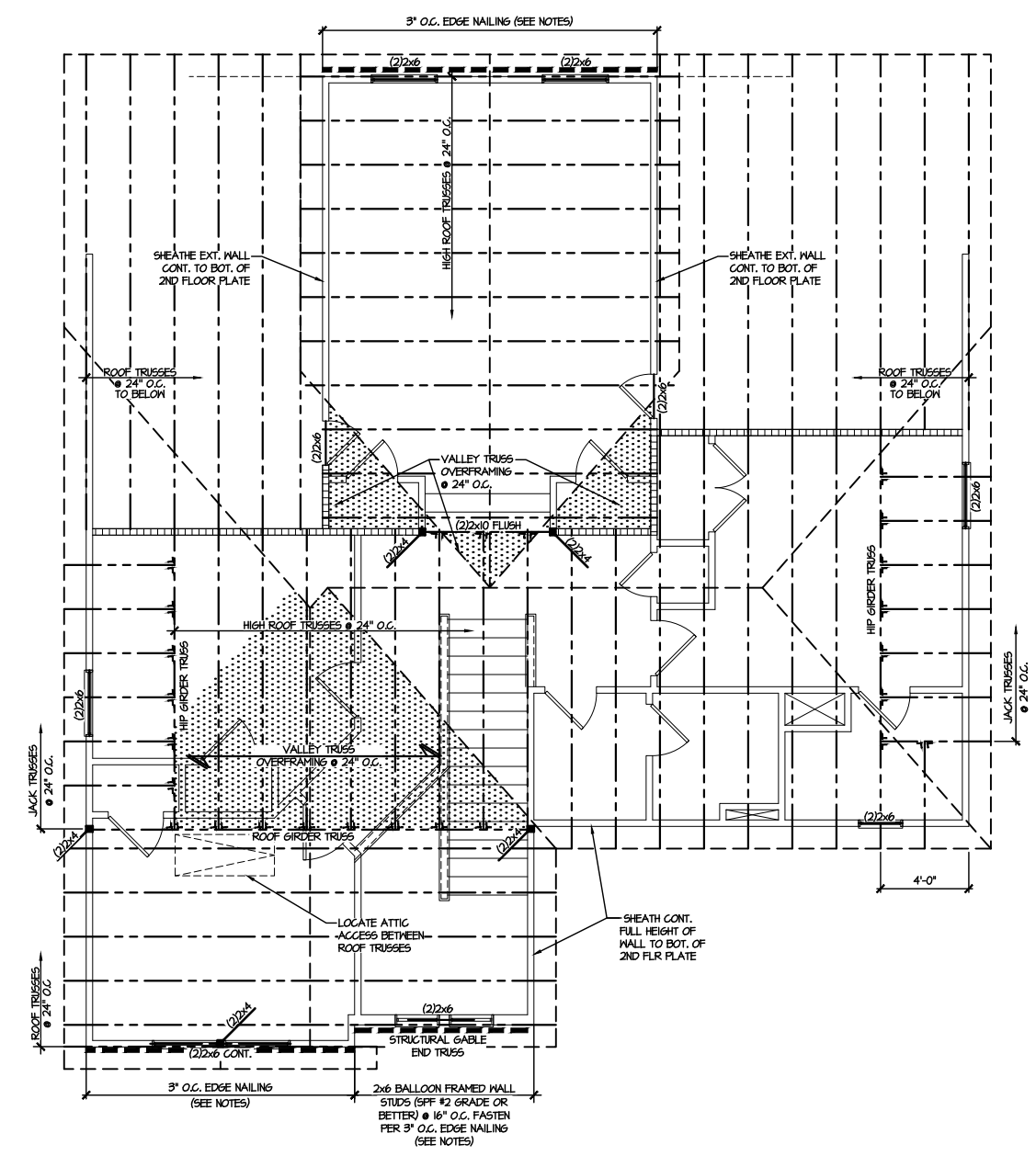
M&K project number:
126-23047
project mgr: JTR
drawn by: KFG
issue date: 03-04-24

REVISIONS:
date: initial:



ROOF FRAMING PLANS
HONEYCUTT HILLS
LOT 3 - MIDDLETON 10
RALEIGH, NC

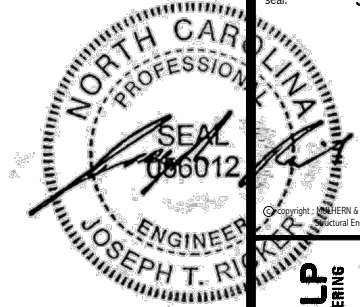
sheet:
S4.0



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

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

REFER TO SO.0 FOR
TYPICAL STRUCTURAL NOTES
& SCHEDULES



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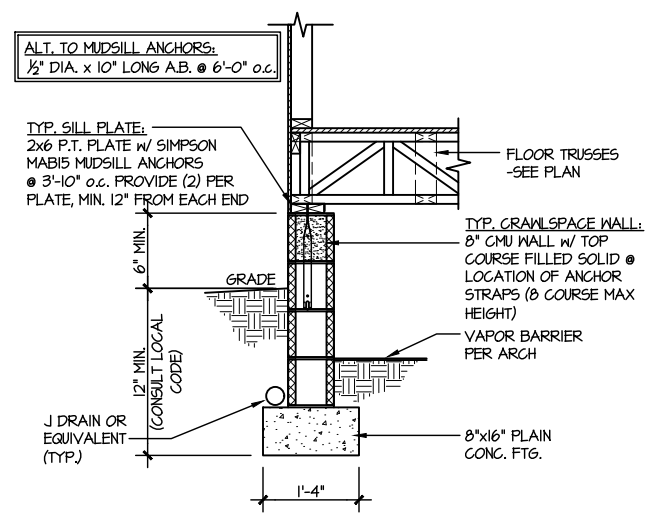
M&K project number:
126-23047
project mgr: JTR
drawn by: KFG
issue date: 03-04-24
REVISIONS:
date: initial:

DRB
HOMES

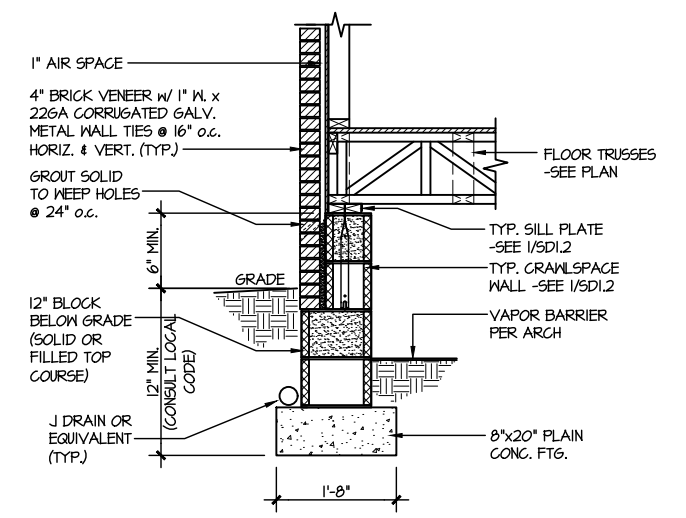
FOUNDATION DETAILS
HONEYCUTT HILLS
LOT 3 - MIDDLETON 10
RALEIGH, NC

sheet:
SD1.2

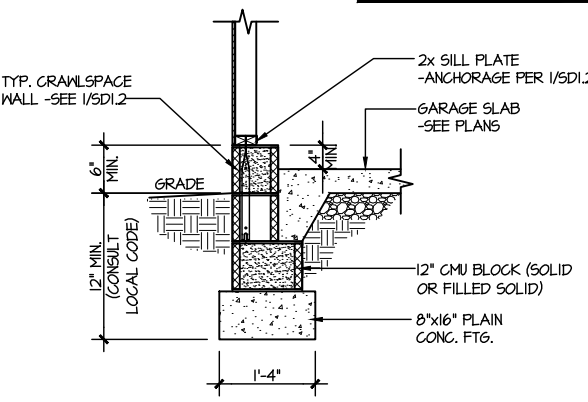
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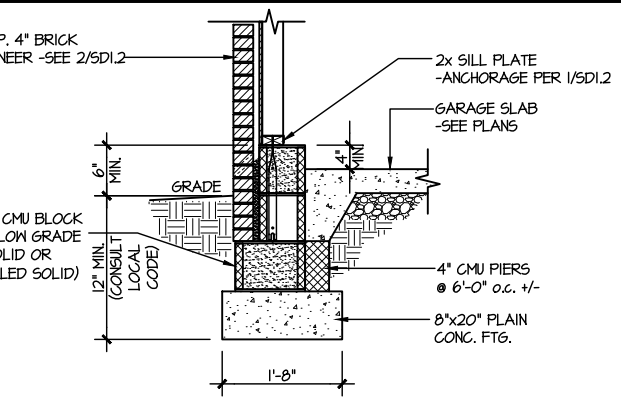
1 TYPICAL CRAWLSPACE FOUNDATION
SCALE: 3/8"=1'-0"



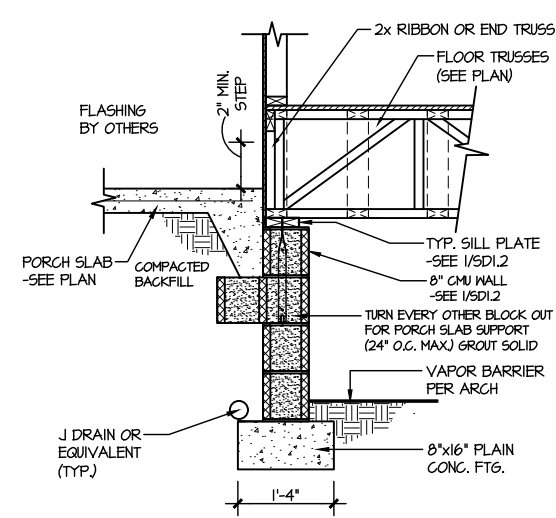
2 TYPICAL CRAWLSPACE FOUNDATION
SCALE: 3/8"=1'-0" W/ BRICK VENEER



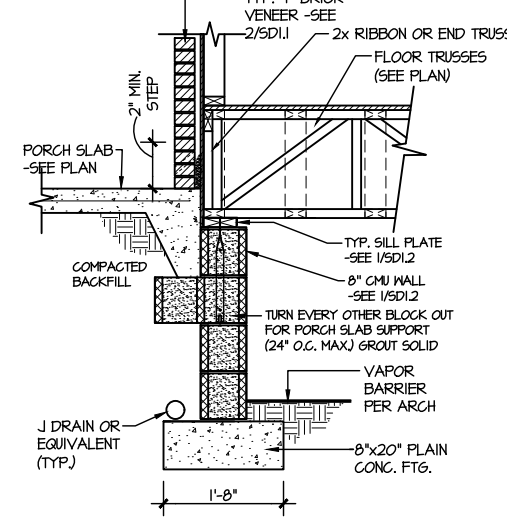
3 TYPICAL GARAGE FOUNDATION
SCALE: 3/8"=1'-0"



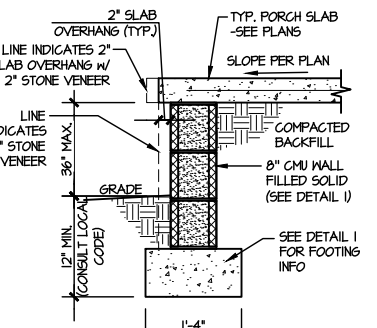
4 TYPICAL GARAGE FOUNDATION
SCALE: 3/8"=1'-0" W/ BRICK VENEER



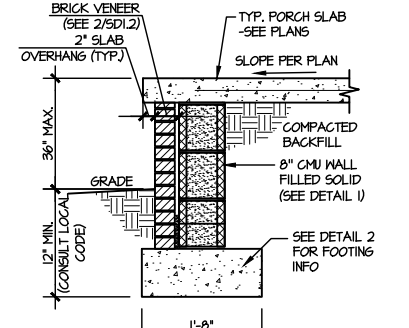
5 TYPICAL CRAWLSPACE FOUNDATION @ PORCH/PATIO SLAB
SCALE: 3/8"=1'-0"
(REFER TO DETAIL 12 FOR WOOD PORCH OPTION)



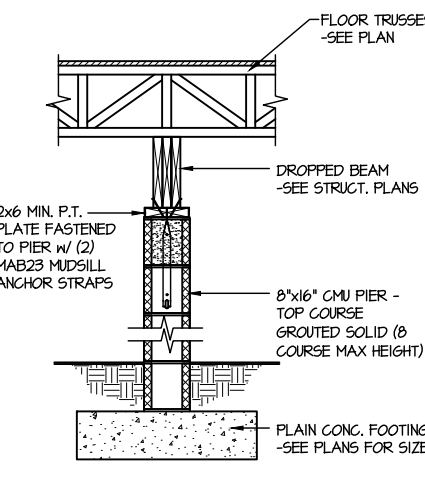
6 TYPICAL CRAWLSPACE FOUNDATION @ PORCH/PATIO SLAB
SCALE: 3/8"=1'-0" W/ BRICK VENEER



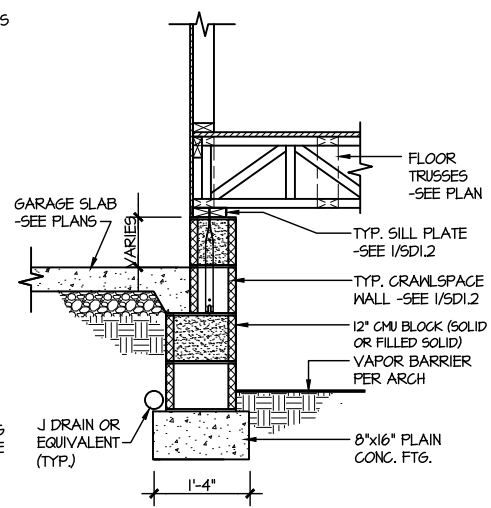
7A TYP. FOOTING @ PORCH SLAB
SCALE: 3/8"=1'-0"



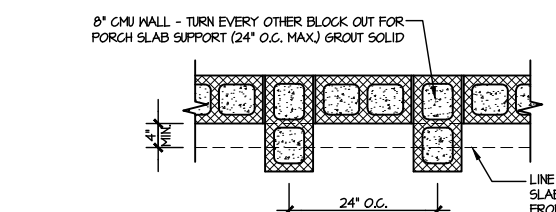
7B TYP. FOOTING @ PORCH SLAB
SCALE: 3/8"=1'-0" W/ BRICK VENEER



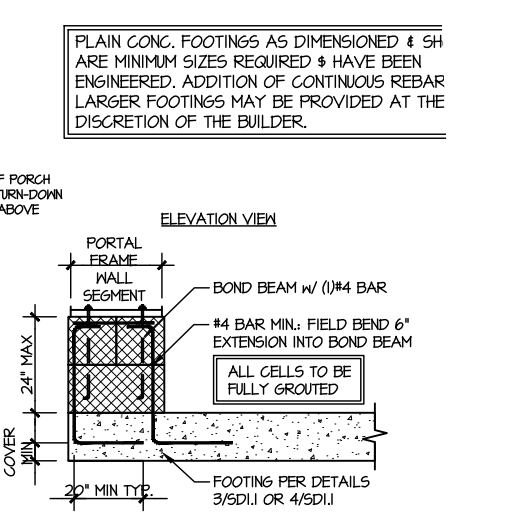
8 TYPICAL CRAWLSPACE FND. @ INTERIOR PIER
SCALE: 3/8"=1'-0"



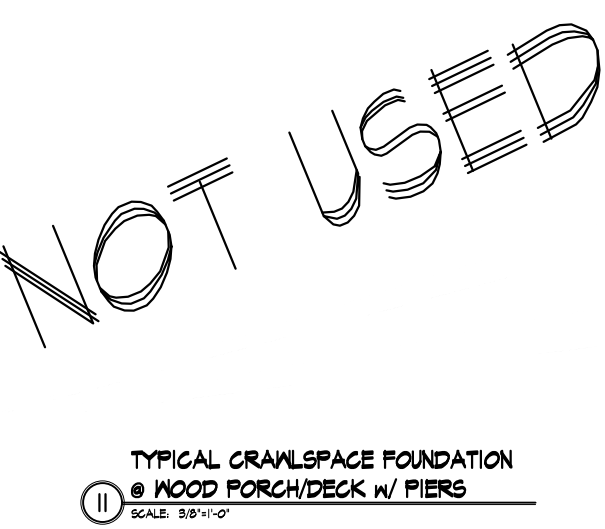
9 TYPICAL CRAWLSPACE FOUNDATION @ GARAGE
SCALE: 3/8"=1'-0"



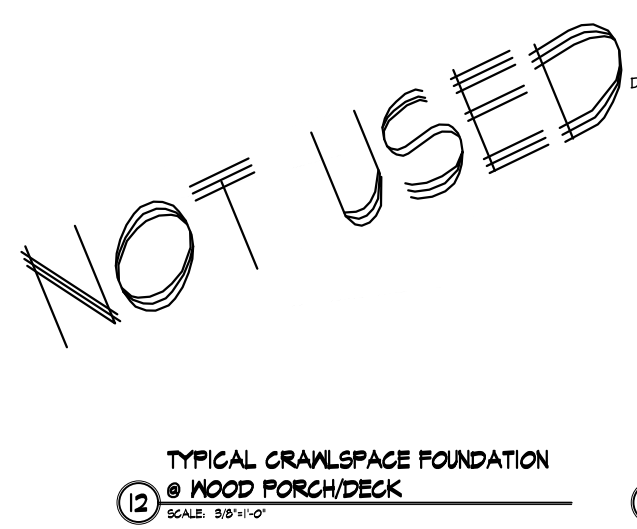
10 TYPICAL SLAB ON GRADE GARAGE ENTRY @ PERIMETER FOOTING
SCALE: 3/8"=1'-0"



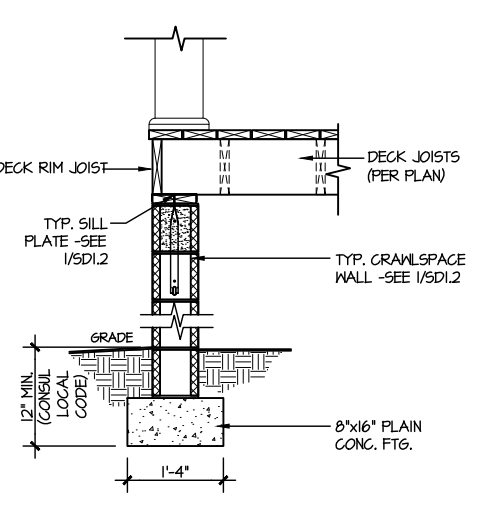
A GARAGE PORTAL FRAME STEM WALL REINFORCEMENT
SCALE: 3/8"=1'-0"



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



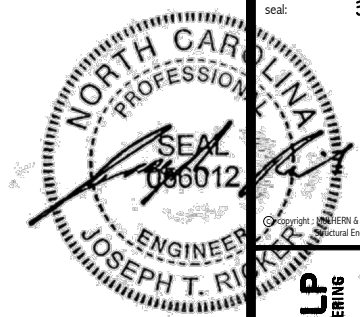
12 TYPICAL CRAWLSPACE FOUNDATION @ WOOD PORCH/DECK
SCALE: 3/8"=1'-0"



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

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

NOT USED NOT USED



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M&K project number:
126-23047

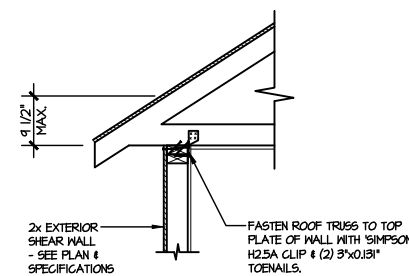
project mgr: JTR
drawn by: KFG
issue date: 03-04-24

REVISIONS:
date: initial:

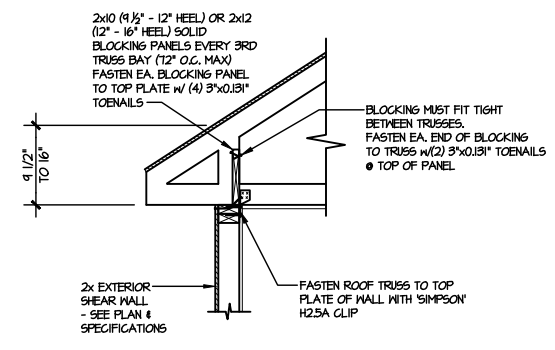
DRB
HOMES

FRAMING DETAILS
HONEYCUTT HILLS
LOT 3 - MIDDLETON 10
RALEIGH, NC

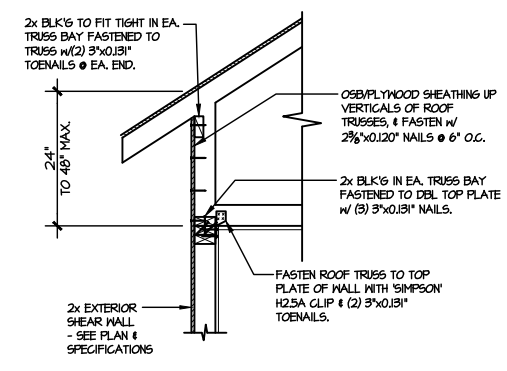
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SD2.0



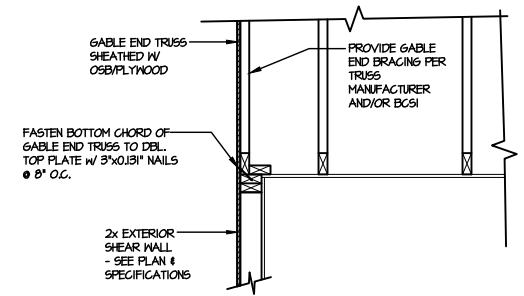
A1 TYPICAL SHEAR TRANSFER DETAIL @ ROOF
SCALE: 3/8"=1'-0" HEEL HEIGHT LESS THAN 1 1/2' NO BLOCKING REQ'D



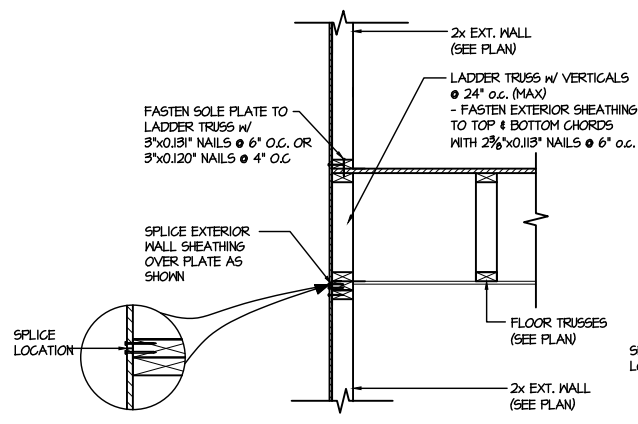
A2 TYPICAL SHEAR TRANSFER DETAIL @ ROOF
SCALE: 3/8"=1'-0" HEEL HEIGHT BETWEEN 1 1/2' - 16' BLOCKING REQ'D



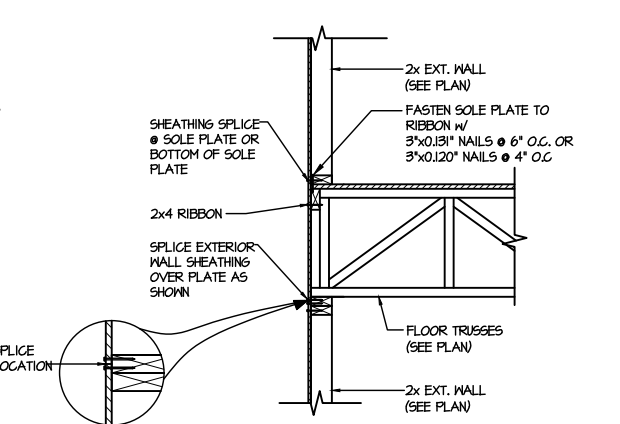
A3 TYPICAL SHEAR TRANSFER DETAIL @ RAISED HEEL TRUSS
SCALE: 3/8"=1'-0" HEEL HEIGHT UP TO 48" MAX.



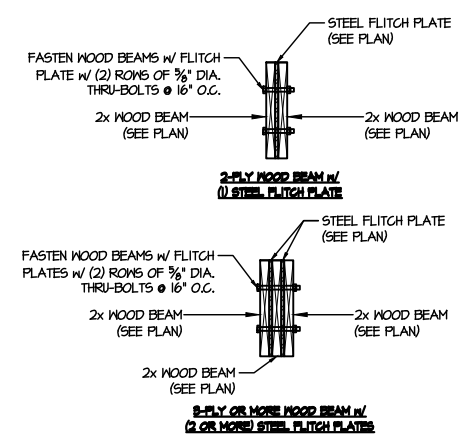
B TYPICAL GABLE END DETAIL
SCALE: 3/8"=1'-0"



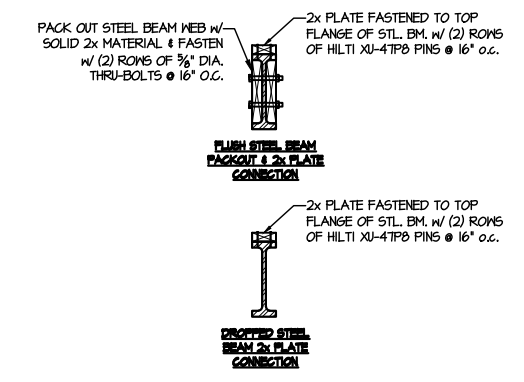
C1 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ EXTERIOR WALL
SCALE: 3/8"=1'-0" PARALLEL FRAMING



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



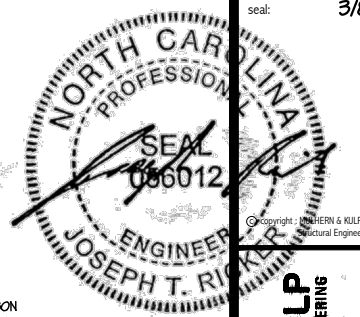
D TYPICAL FLITCH BEAM CONNECTION DETAIL
SCALE: 3/4"=1'-0"



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

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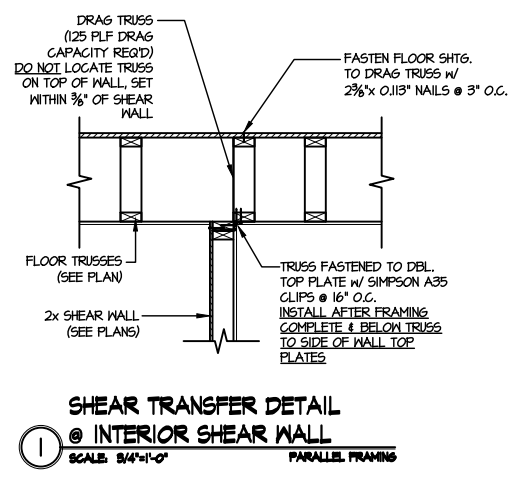
project mgr: JTR
drawn by: KFG
issue date: 03-04-24

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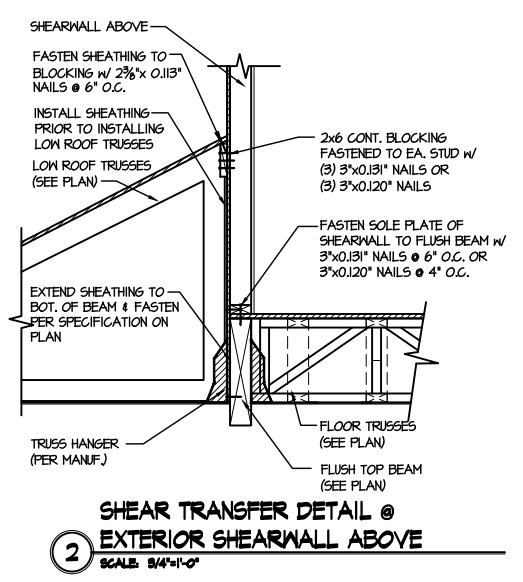
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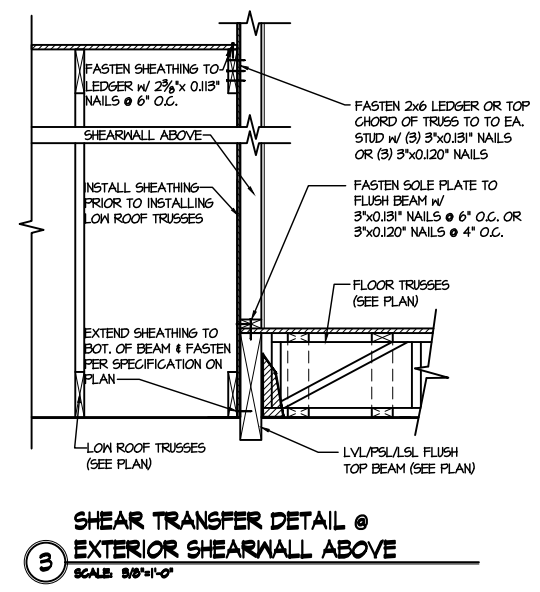
FRAMING DETAILS
HONEYCUTT HILLS
LOT 3 - MIDDLETON 10
RALEIGH, NC



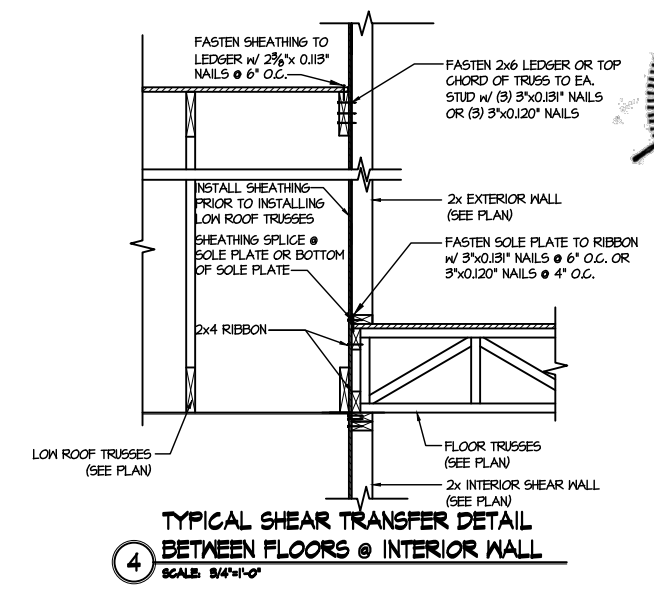
1 SHEAR TRANSFER DETAIL @ INTERIOR SHEAR WALL
SCALE: 3/4"=1'-0" PARALLEL FRAMING



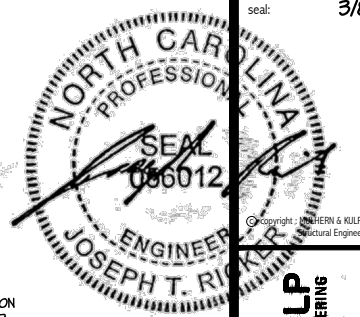
2 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/4"=1'-0"



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"



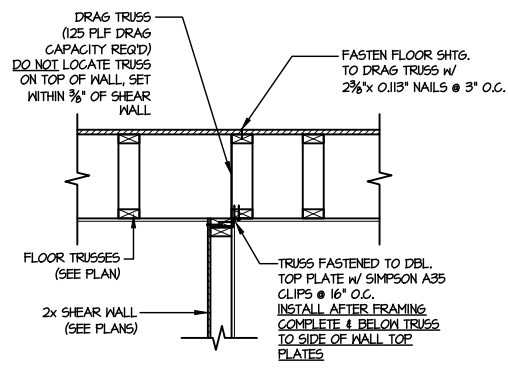
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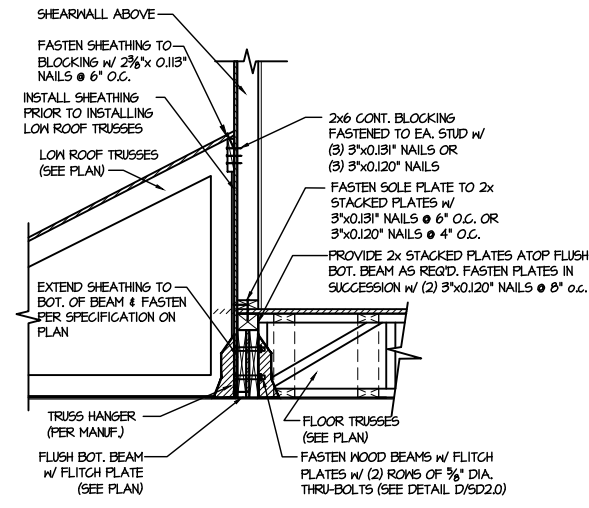
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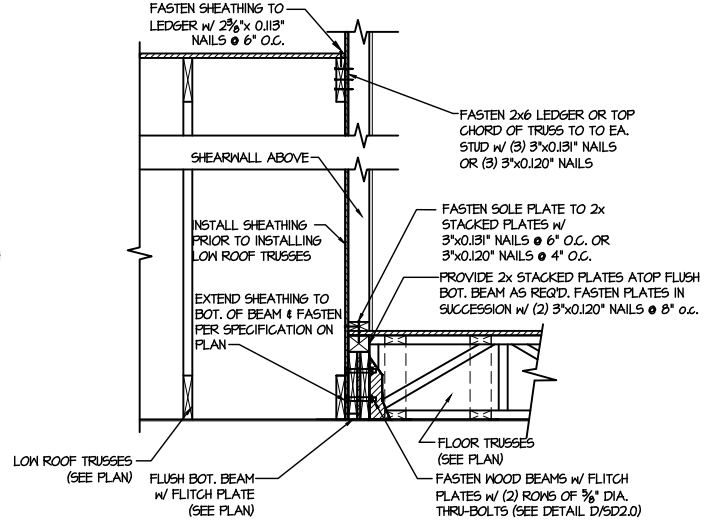
FRAMING DETAILS
HONEYCUTT HILLS
LOT 3 - MIDDLETON 10
RALEIGH, NC



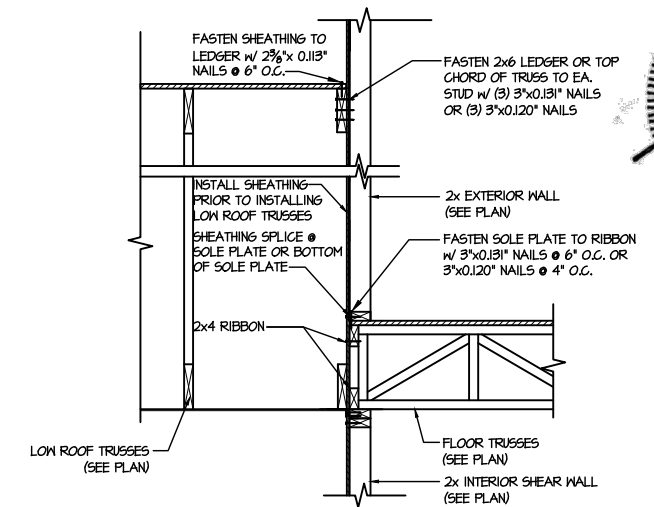
1 SHEAR TRANSFER DETAIL @ INTERIOR SHEAR WALL
SCALE: 3/4"=1'-0"
PARALLEL FRAMING



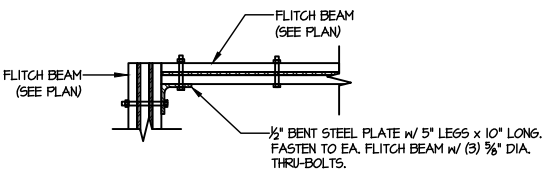
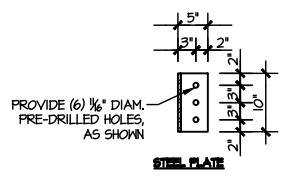
2 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/8"=1'-0"



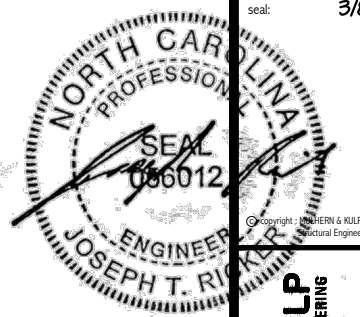
3 SHEAR TRANSFER DETAIL @ EXTERIOR SHEARWALL ABOVE
SCALE: 3/8"=1'-0"



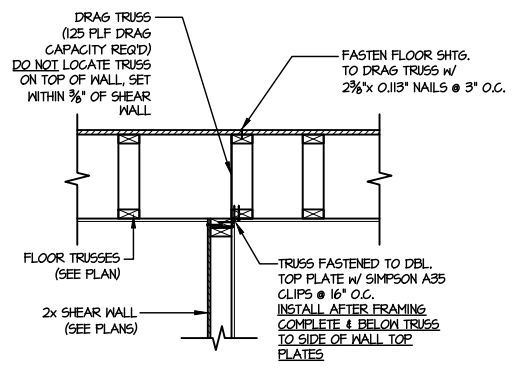
4 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
SCALE: 3/4"=1'-0"



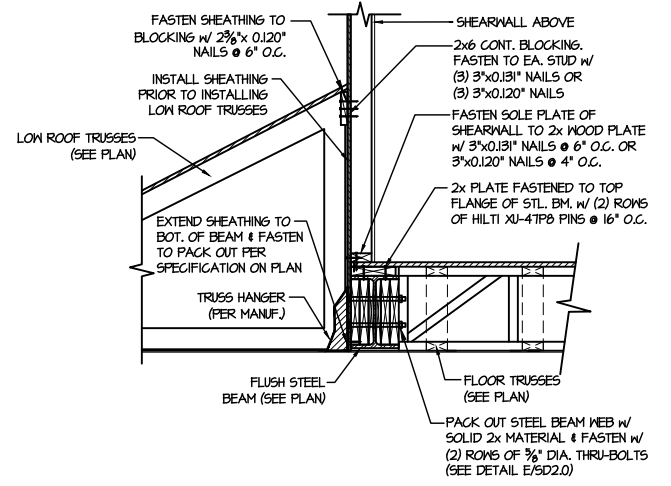
5 TYPICAL FLITCH BEAM TO FLITCH BEAM CONNECTION DETAIL
SCALE: 3/4"=1'-0"



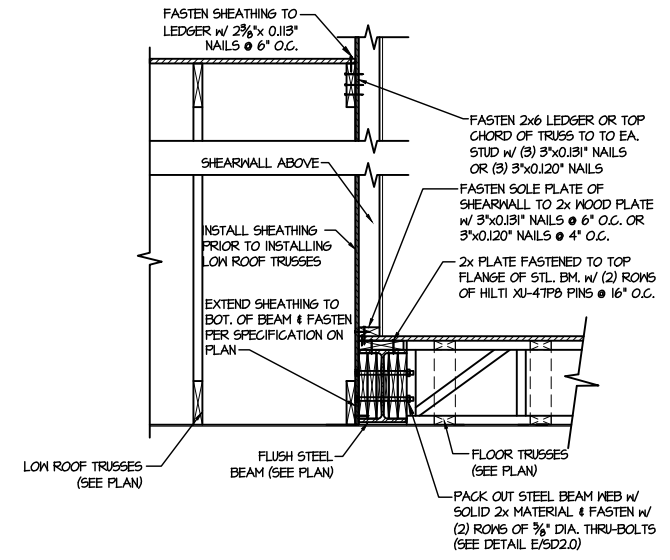
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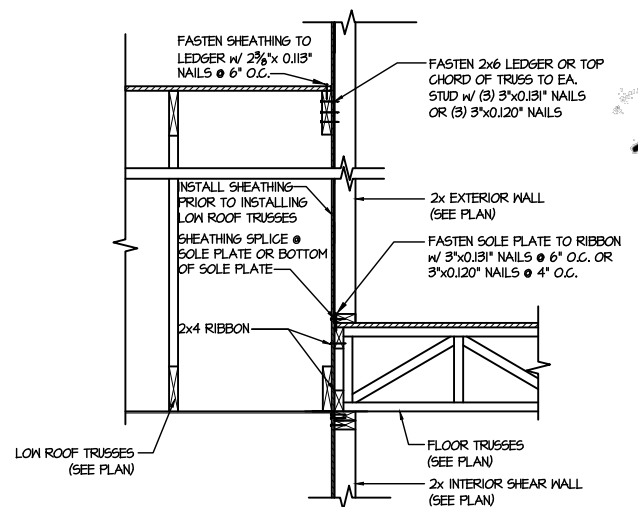
1 SHEAR TRANSFER DETAIL @ INTERIOR SHEAR WALL
 SCALE: 3/4"=1'-0" PARALLEL FRAMING



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



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



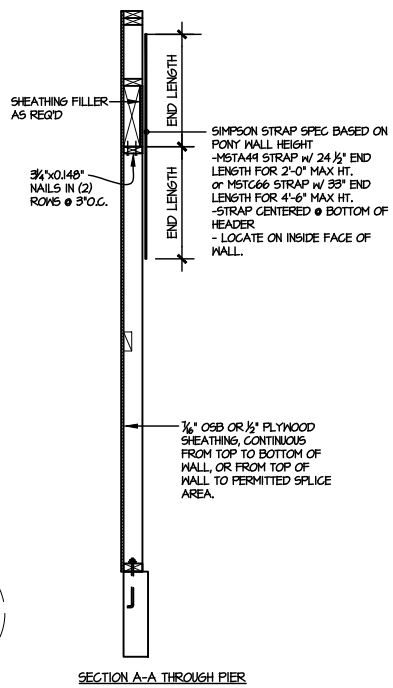
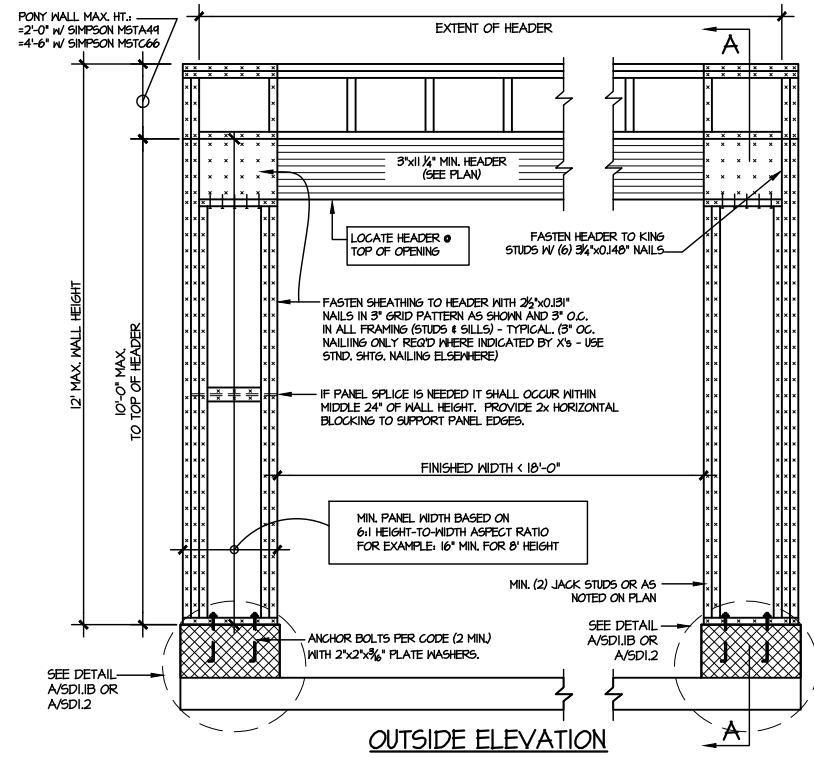
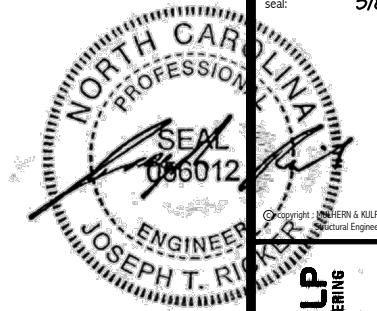
4 TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
 SCALE: 3/4"=1'-0"

M&K project number: 126-23047
 project mgr: JTR
 drawn by: KFG
 issue date: 03-04-24

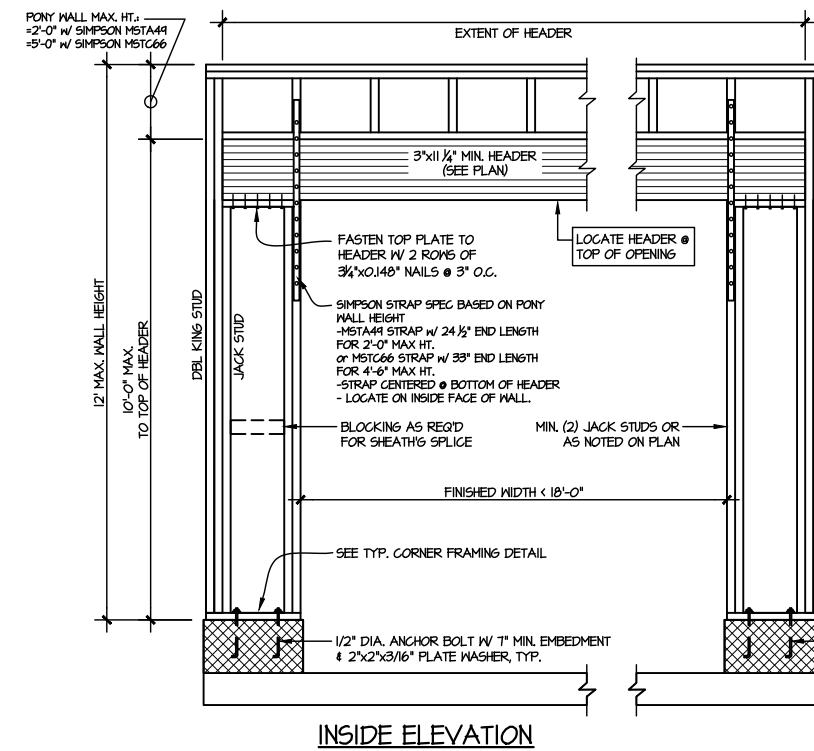
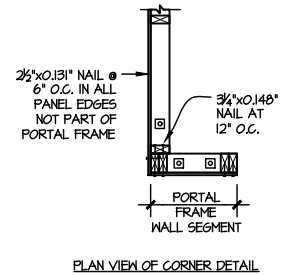
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FRAMING DETAILS
 HONEYCUTT HILLS
 LOT 3 - MIDDLETON 10
 RALEIGH, NC



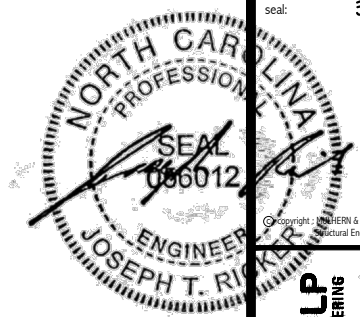
NOTE: ALL SHEATHABLE AREAS OF EXTERIOR WALL SHALL BE FULLY SHEATHED WITH 1/2" PLYWOOD OR 3/4" OSB



2 TWO SIDED GARAGE PORTAL FRAME BRACING ELEVATION ON CMU STEM

SCALE: N.T.S.

SCALE: N.T.S.



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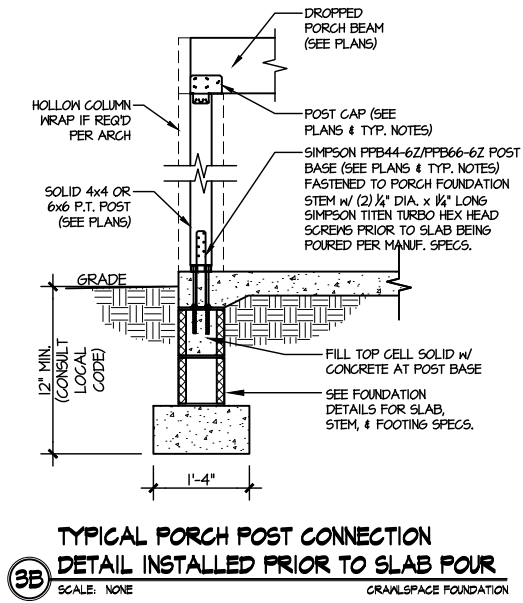
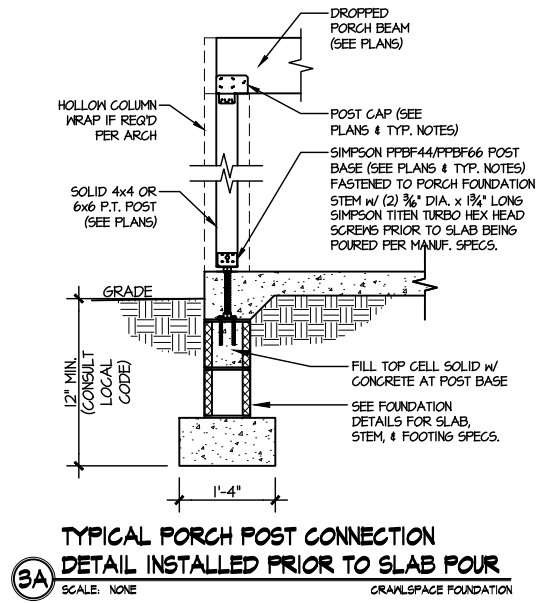
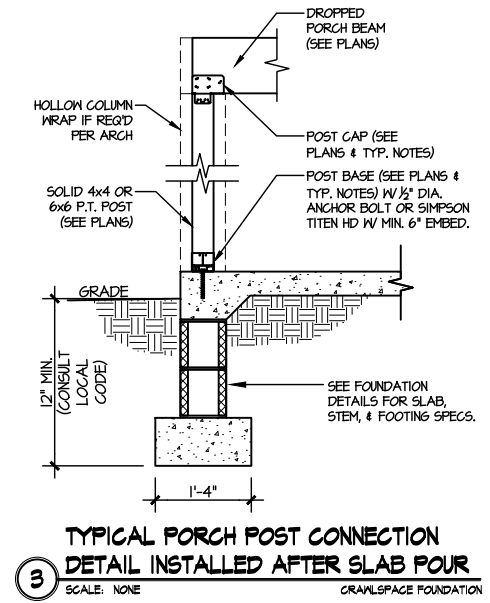
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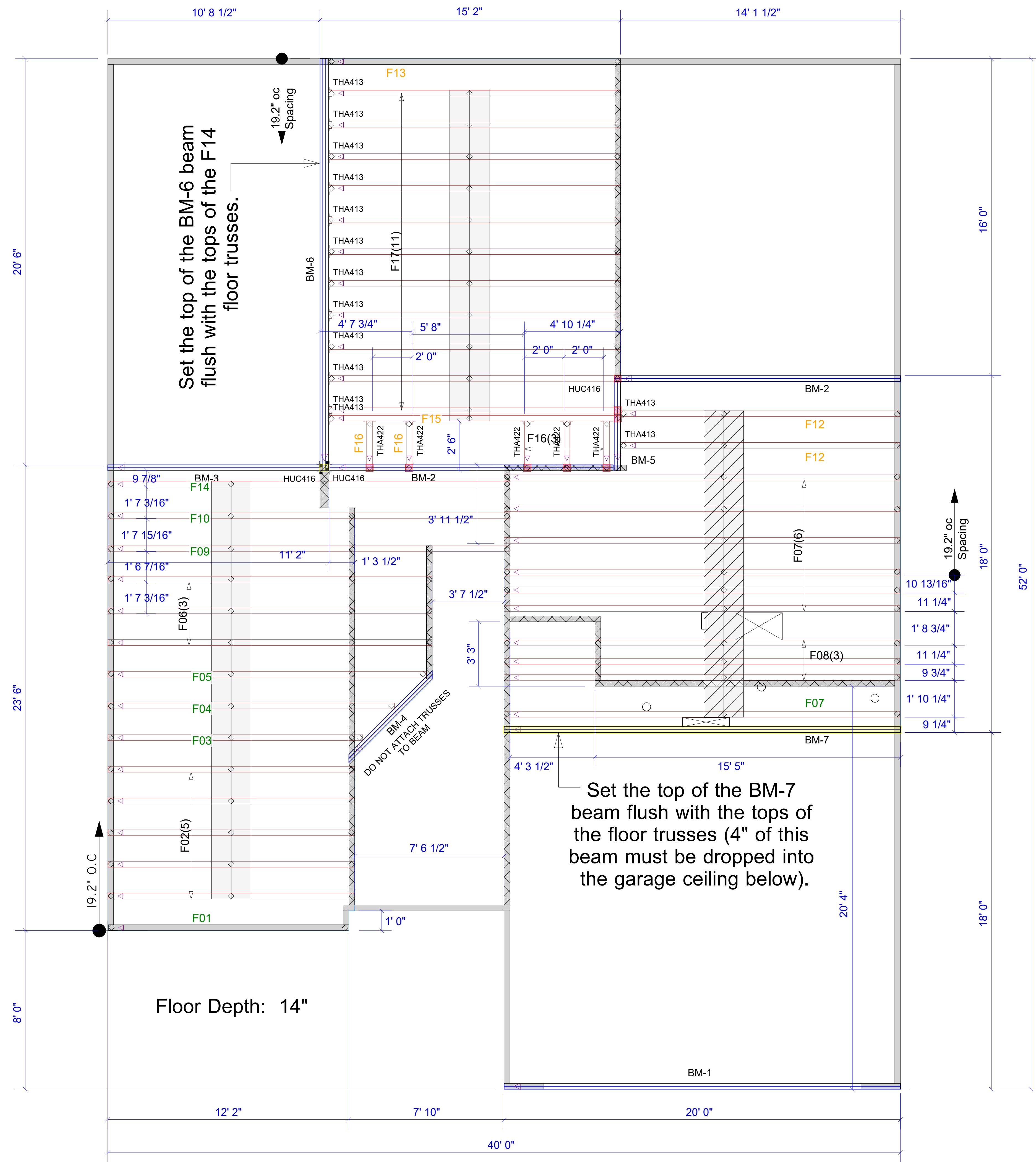
REVISIONS:
date: initial:



FRAMING DETAILS
HONEYCUTT HILLS
LOT 3 - MIDDLETON 10
RALEIGH, NC

sheet:
SD3.0





Set the F13, F17, F16, and F17 trusses (over the family room) at a 10-3-8 bearing height.

Set all the other floor trusses at a 9-1-8 bearing height.

Unless otherwise indicated, all "above" beams are to be set at a 9-1-8 bearing height.

| Products | | | | |
|----------|--------|---|-------|---------|
| PlotID | Length | Product | Plies | Net Qty |
| BM-1 | 20' 0" | 1-3/4" x 11-7/8" VERSA-LAM® 2.0 3100 SP | 2 | 2 |
| BM-2 | 16' 0" | 1-3/4" x 14" VERSA-LAM® 2.0 3100 SP | 2 | 4 |
| BM-3 | 12' 0" | 1-3/4" x 14" VERSA-LAM® 2.0 3100 SP | 2 | 2 |
| BM-4 | 8' 0" | 1-3/4" x 14" VERSA-LAM® 2.0 3100 SP | 2 | 2 |
| BM-5 | 6' 0" | 1-3/4" x 14" VERSA-LAM® 2.0 3100 SP | 2 | 2 |
| BM-6 | 22' 0" | 1-3/4" x 18" VERSA-LAM® 2.0 3100 SP | 3 | 3 |
| BM-7 | 20' 0" | 1-3/4" x 18" VERSA-LAM® 2.0 3100 SP | 2 | 2 |

| Connector Summary | | | |
|-------------------|-------|---------|---------|
| Qty | Manuf | Product | Flange |
| 3 | | HUC416 | Reverse |

| Truss Connector Total List | | |
|----------------------------|---------|-----|
| Manuf | Product | Qty |
| Simpson | THA413 | 14 |
| Simpson | THA422 | 5 |

Extreme care must be taken to not set any of these trusses backwards.

FOR PERMIT

Client: DRB GROUP-RALEIGH

Job: LOT 0.0003 HONEYCUTT HILL

Plan Information: MIDDLETON-10

NOT TO SCALE

Drawn By: BPT

Date: 02/29/24

Job #: 24-1170-F02

Sales Rep: KYLE GIBSON

Phone: 864-304-3282

▲ = LEFT END OF TRUSS

REVISIONS:



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

All first-story wall heights are 9-1-8, and all second-story wall heights are 18-5-12 (based on a 14" floor truss depth, and an 8-1-8 second-story wall height), unless otherwise noted.

The R19, R20, and R21 trusses (over the bonus room) bear at a 19-7-12 wall height (based on a 10-3-8 first-story wall height, a 14" floor truss depth, and an 8-1-8 second-story wall height).

(2) 2x10's (above) (by others)

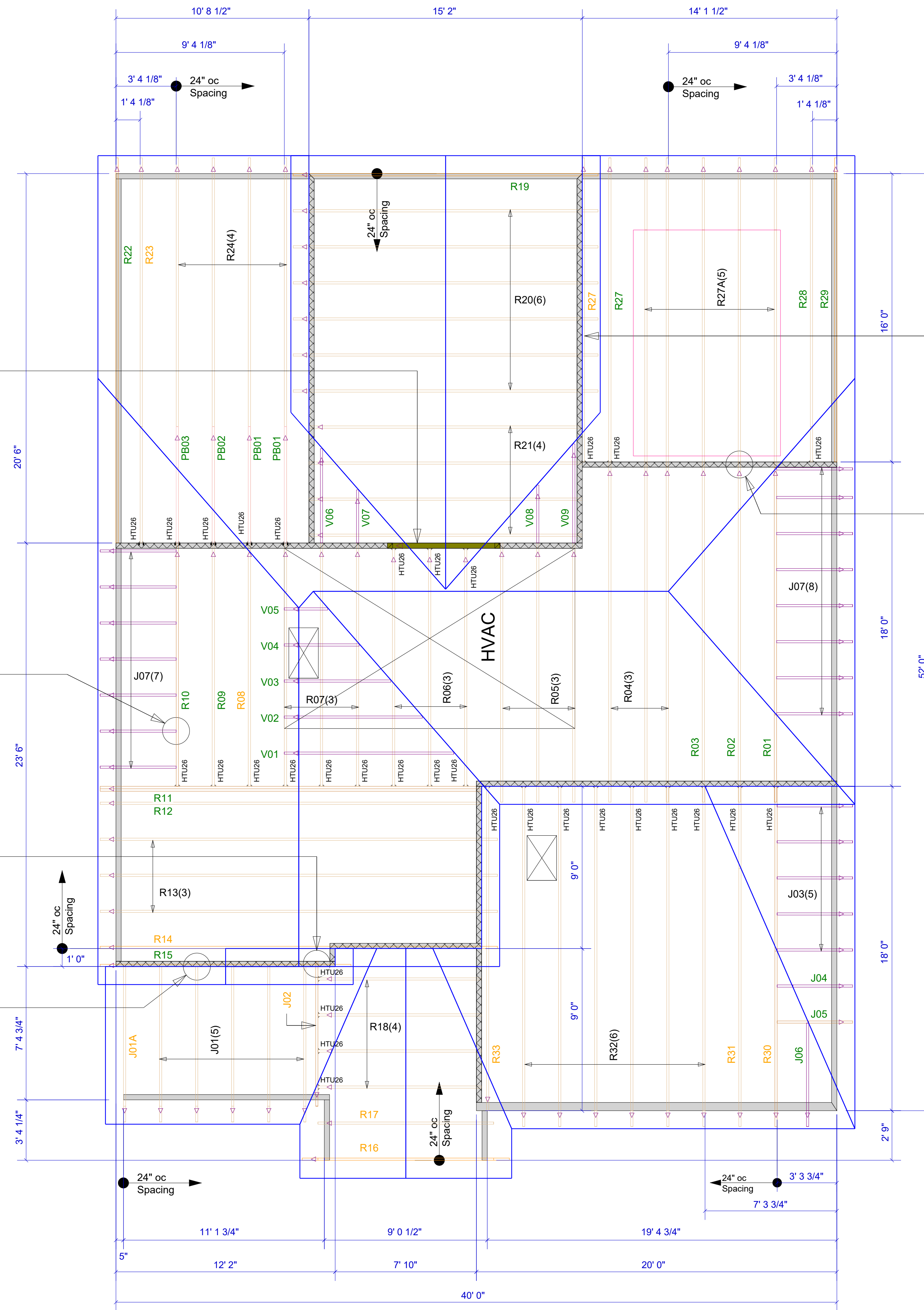
Extreme care must be taken to not set any of these trusses backwards or upside-down.

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

Notch the kneewall floor truss as needed in the field to allow the J02 roof girder to bear on this wall.

2X4 LEDGER (BY OTHERS) CONNECTED TO STUDS SPACED 16" O.C WITH (3) .128X3.25" NAILS MINIMUM

| Truss Connector Total List | | |
|----------------------------|---------|-----|
| Manuf | Product | Qty |
| Simpson | HTU26 | 33 |



Fasten the bottom chord of this R27 truss to the wall (per detail 2 on sheet S5.0T).

The R27A trusses are notched to sit on the 14" floor beam, the 3/4" plywood, and a single 2x4 plate.

▲ = LEFT END OF TRUSS

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Sparta, NC (336) 372-2226

FOR PERMIT

Client: DRB GROUP-RALEIGH

Job: LOT 0.0003 HONEYCUTT HILL

Plan Information:
MIDDLETON-10

NOT TO SCALE

Drawn By: BPT

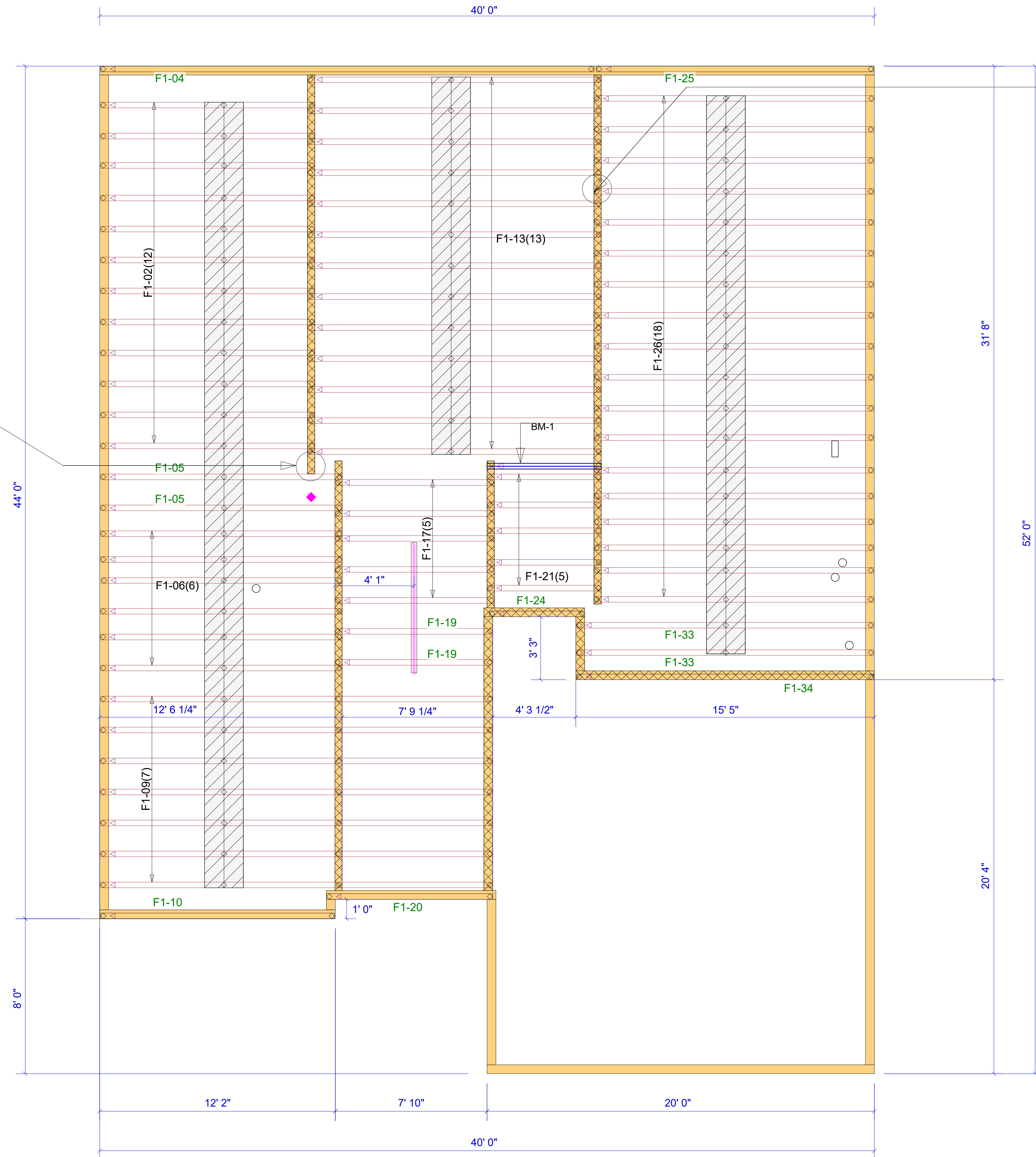
Date: 02/29/24

Job #: 24-1170-R01

Sales Rep: KYLE GIBSON
Phone:

ROOF

Block solid to the bearing to support the end reactions of the beams in the upper floor system.



These trusses key together using a double, edgewise 2x4 ribbon board.

Extreme care must be taken to not set any of these trusses backwards.

| Products | | | | |
|----------|--------|---|-------|---------|
| PlotID | Length | Product | Plies | Net Qty |
| BM-1 | 6' 0" | 1-3/4" x 11-7/8" VERSA-LAM® 2.0 3100 SP | 2 | 2 |

Floor Depth: 12"

▲ = LEFT END OF TRUSS

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Phone: 864-304-3282

FLOOR

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.