

SHEET LIST - CONSTRUCTION

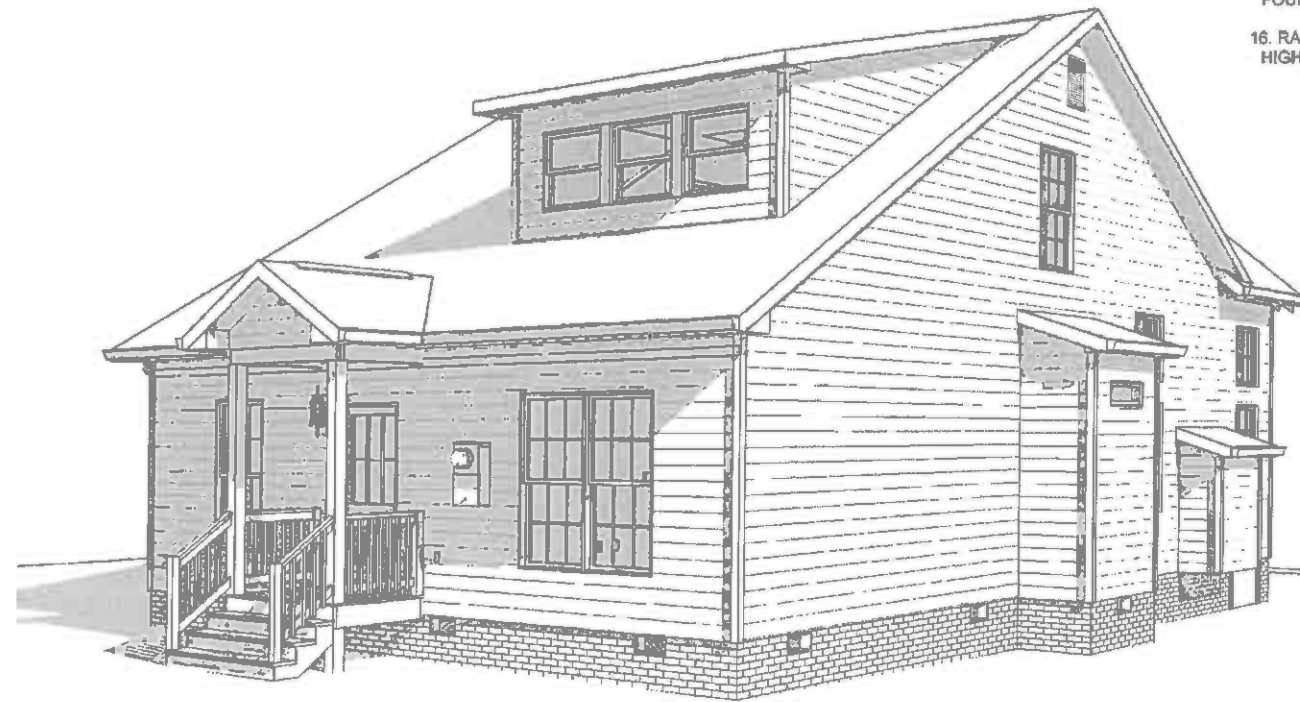
| Sheet Number | Sheet Name |
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| S-3 | DETAILS & SECTIONS |
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ABBREVIATIONS LEGEND-

| | |
|--------------|------------------------------------|
| 5 SH.- | FIVE SHELVES |
| 6 SH.- | SIX SHELVES |
| A.F.F.- | ABOVE FINISHED FLOOR |
| B.C.- | BLIND CORNER (CABINET) |
| C.J.- | CEILING JOIST |
| C.M.U.- | CONCRETE MASONRY UNIT |
| C.O.- | CASED OPENING |
| CONC.- | CONCRETE |
| C.R.V.- | CONTINUOUS RIDGE VENT |
| DBL SH-RD- | DOUBLE SHELF AND ROD |
| DH- | DOUBLE HUNG |
| DR. or DRWR- | DRAWER |
| D.S.- | DRAWER SPACE |
| EVP- | ENGINEERED VINYL PLANK |
| EXT.- | EXTERIOR |
| F.J.- | FLOOR JOIST |
| FS- | SUPPLY IN FLOOR (HVAC) |
| FTG.- | FOOTING |
| GYP. BD.- | GYPSUM BOARD |
| HB- | HOSE BIBB |
| HDG.- | HOT DIPPED GALVANIZED |
| HDWD- | HARDWOOD |
| HDR.- | HEADER |
| HT.- | HEIGHT |
| INT.- | INTERIOR |
| K.S.- | KNEE SPACE |
| KDAT- | KILN DRIED AFTER TREATMENT |
| L.B.W.- | LOAD BEARING WALL |
| L.S.- | LAUNDRY SINK or LAZY SUSAN |
| LVP- | LUXURY VINYL PLANK |
| LVT- | LUXURY VINYL TILE |
| O.C.- | ON CENTER |
| O.H.- | OVERHEAD |
| OPT.- | OPTIONAL |
| O.W.H.- | OVER THE WALL HEIGHT |
| P.T.- | PRESSURE TREATED |
| PANT.- | PANTRY |
| R/A- | RETURN AIR (HVAC) |
| REINF.- | REINFORCED |
| R.O.- | ROUGH OPENING |
| SC- | SUPPLY IN CEILING (HVAC) |
| SD- | SMOKE DETECTOR |
| SH- | SINGLE HUNG |
| SH-RD- | SHELF AND ROD |
| S.J.- | SINGLE JOIST |
| SM/CO- | SMOKE AND CARBON MONOXIDE DETECTOR |
| SPEC.- | SPECIFIED |
| SPF- | SPRUCE/PINE/FIR |
| S.R.O.- | SHEETROCK OPENING |
| SYP- | SOUTHERN YELLOW PINE |
| T & G- | TONGUE AND GROOVE |
| TEMP- | TEMPERED |
| T.O.P.- | TOP OF PLATE |
| TRAP- | TRAPEZOID (WINDOW) |
| U.N.O.- | UNLESS NOTED OTHERWISE |
| UTIL- | UTILITY |
| VAN- | VANITY |
| WH- | WATER HEATER |
| W.H.H.- | WINDOW HEADER HEIGHT |
| W.I.C.- | WALK IN CLOSET |



FRONT VIEW



REAR VIEW

GENERAL NOTES

- MIN 9'-1 1/8" CEILING HEIGHT ON FIRST FLOOR
- MIN 8'-1 1/8" CEILING HEIGHT ON SECOND FLOOR
- ALL LOAD BEARING WALLS & EXT. OPENINGS TO HAVE (2) 2X10 HEADERS U.N.O. TO BE SUPPORTED WITH MIN. (1) JACK STUD & (1) KING STUD EACH END U.N.O.
- STANDARD FIRST FLOOR WINDOW HEADERS SHALL BE FRAMED DOWN 2'-2" FROM T.O.P., U.N.O.
- WINDOW HEADERS FOR WINDOWS LOCATED ABOVE KITCHEN SINK SHALL BE FRAMED DOWN 1'-5" FROM T.O.P., U.N.O.
- STANDARD SECOND FLOOR WINDOW HEADERS SHALL BE FRAMED DOWN 1'-2" FROM T.O.P., U.N.O.
- 7/16" O.S.B. AND HOUSEWRAP REQUIRED
- DIMENSIONS ARE TO SHEATHING EXTERIOR; SUBTRACT 1/2" FROM DIMENSIONS FOR EXTERIOR WINDOW AND DOOR FRAMING LOCATION IF OPENINGS ARE FRAMED BEFORE SHEATHING INSTALLATION
- ALL INTERIOR DOORS ARE EITHER CENTERED ON WALLS OR R.O. STARTED MIN OF 4" FROM ADJOINING WALL UNLESS OTHERWISE DIMENSIONED
- NUMBER OF STAIR TREADS & RISERS MAY VARY AS A RESULT OF LOCAL BUILDING CODES, STANDARDS AND FINAL GRADE
- CLOSET SHELVES TO BE 12" DEEP U.N.O. AND HEIGHT OFF FLOOR TO BE:
A. SINGLE 68"
B. DOUBLE 42" & 64"
- ALL PLUMBING FIXTURES SHOWN ARE A REPRESENTATION OF SIZE AND LOCATION ONLY. ACTUAL STYLE AND BRAND OF FIXTURES MAY VARY PER OFFICE LOCATION
- ALL TUBS/SHOWERS ARE TO HAVE NAILERS AT FLANGE
- INSTALL A 24" WIDE WALKWAY FROM ATTIC ACCESS TO FURNACE PLATFORM
- PORCH, STPOOP, & DECK HANDRAILS NOT INCLUDED W/ SLAB FOUNDATION
- RAILINGS ARE A FORCED OPTION WHEN PORCH IS OVER 30" HIGH FROM FINISHED GRADE



| REVISION SCHEDULE | # | DESCRIPTION | DATE |
|-------------------|---|-------------|------|
| | | | |

| AREAS: | FIRST FLOOR HEATED | SECOND FLOOR HEATED | FRONT PORCH | REAR PORCH | UNFINISHED BONUS ROOM | TOTAL UNDER ROOF |
|--------|--------------------|---------------------|-------------|------------|-----------------------|------------------|
| | 1,335 SF | 374 SF | 1,709 SF | 162 SF | 24 SF | 138 SF |
| | | | | | | 324 SF |
| | | | | | | 2,833 SF |

| | |
|----------|---------------------------------------|
| THE: | NOTTELY MFH |
| FOR: | THOMPSON, K. & S. |
| ADDRESS: | 2701 DARROCH RD, LILLINGTON, NC 27546 |
| OFFICE: | FAYETTEVILLE |
| SOLD BY: | A. VIRT |

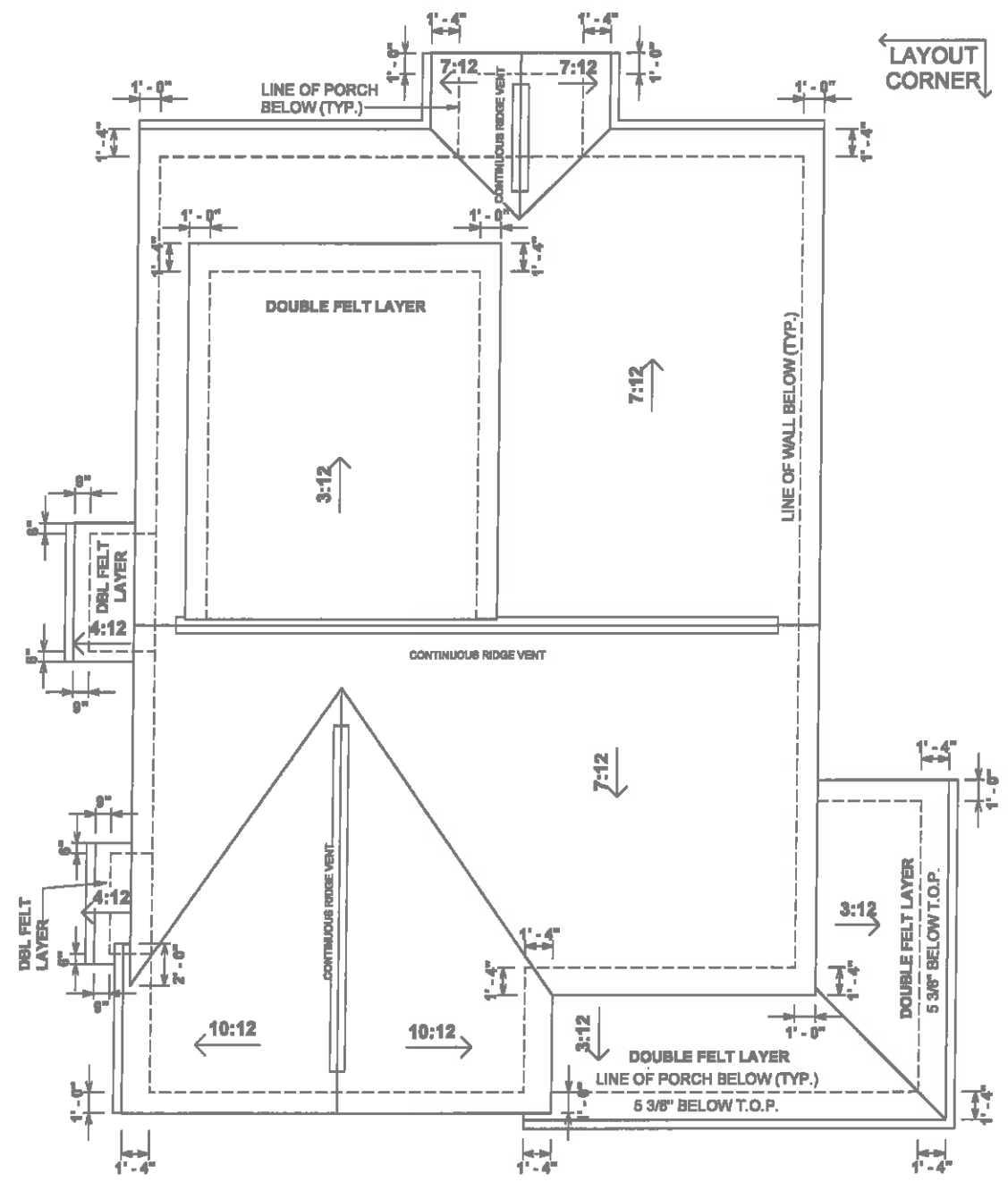
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| JOB # | 141-22-018 |
| FOUNDATION TYPE | CRAWLSPACE |
| FOUNDATION TYPE | 2x4 EXTERIOR WALLS |
| DATE | 01/06/2023 |
| APPROVED | |
| DATE | 12/28/2022 |
| TIME | 4:48:18 PM |

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| PROPERTY OF: | |
| DATE | © COPYRIGHT - 2022 |
| SHEET # | E-0 |
| COVER SHEET | |

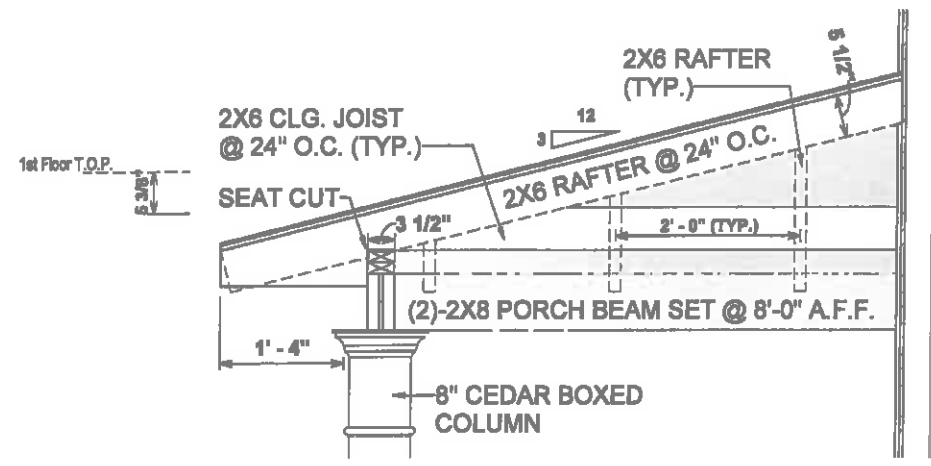
OPT. PAPER SIZE: for 1/4" = 1'-0" on 24" x 36" PAPER SIZE ENLARGE PRINTS TO 200%

FINAL CONSTRUCTION PLANS

REFER TO SECTIONS FOR RAFTER FRAMING
SEAT CUTS AND O.W.H. DIMENSIONS



1 ROOF OVERVIEW
1/8" = 1'-0"



2 FRONT PORCH ROOF SECTION
1/2" = 1'-0"

| REVISION SCHEDULE | # | DESCRIPTION | DATE |
|-------------------|---|-------------|------|
| | | | |

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|--------|-------------------|--------------------|-------------|------------|-----------------------|------------------|
| | 1,335 SF | 374 SF | 1,709 SF | 182 SF | 24 SF | 138 SF |
| | | | | | | 324 SF |
| | | | | | | 2,033 SF |

| | |
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| THE: | NOTTELY MFH |
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| ADDRESS: | 2701 DARROCH RD, LILLINGTON, NC 27546 |
| OFFICE: | FAYETTEVILLE |
| SOLD BY: | A. VIRT |

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|-----------------|------------|
| JOB # | 141-22-018 |
| FOUNDATION TYPE | CRAWLSPACE |
| FOUNDATION TYPE | CRAWLSPACE |

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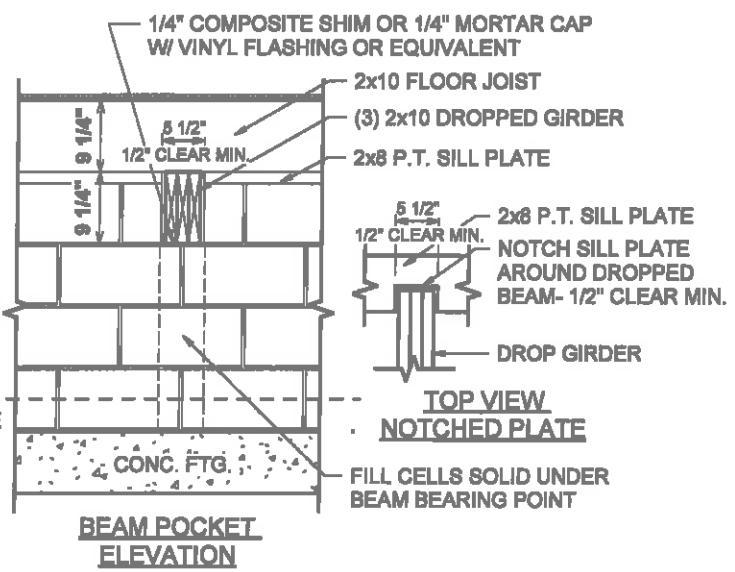
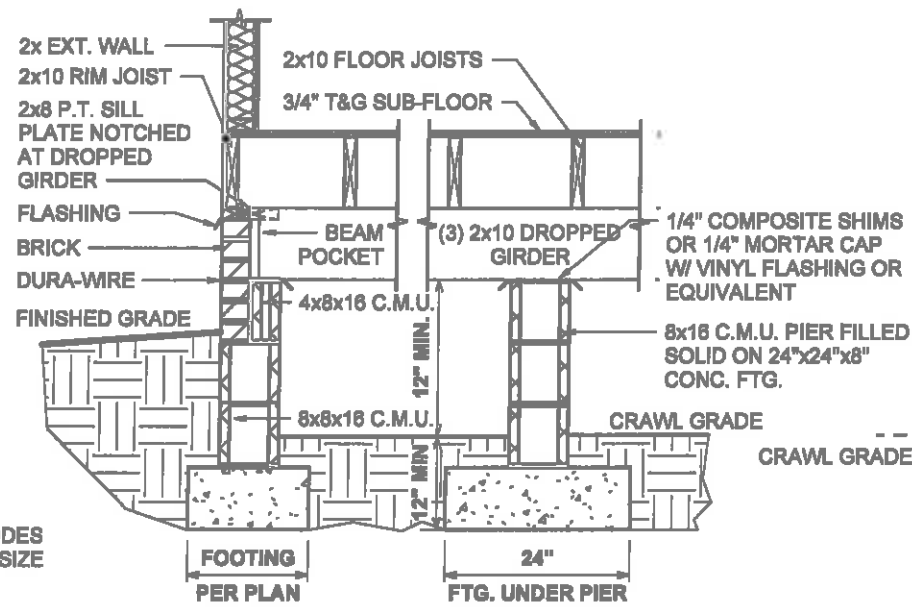
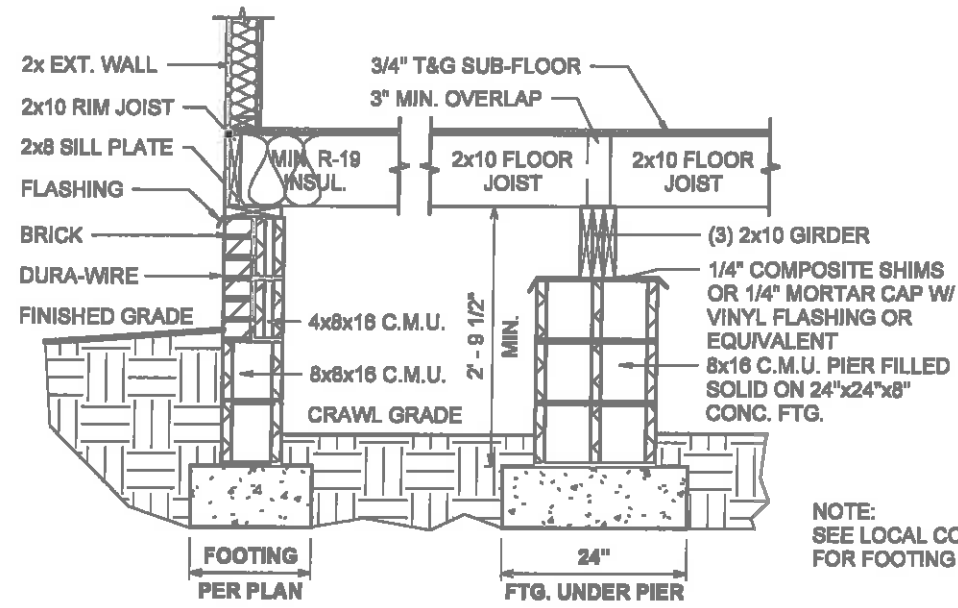
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| SHEET # | E-3 |
| SCALE | As Shown |

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| FINAL CONSTRUCTION PLANS |

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ROOF OVERVIEW



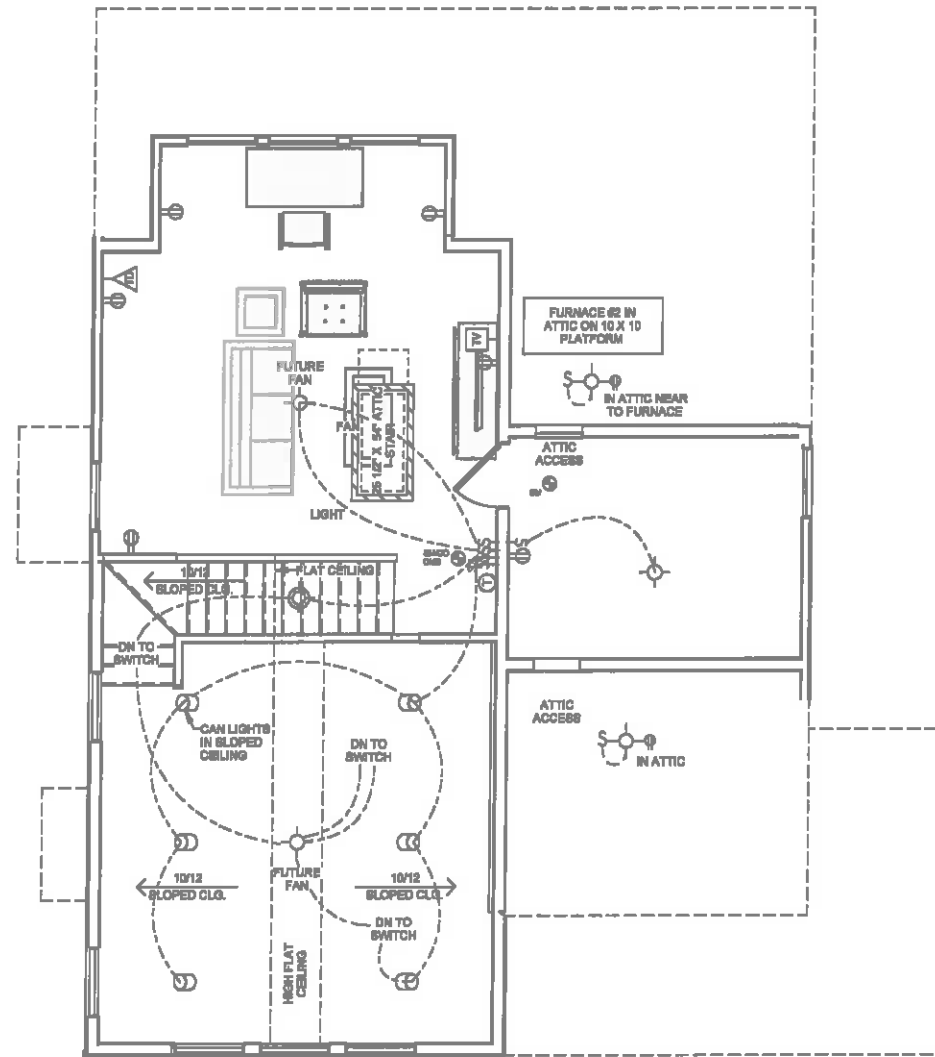
NOTE:
SEE LOCAL CODES
FOR FOOTING SIZE

① 141-600.41 CRAWL FOUNDATION W/BRICK DETAIL
1/2" = 1'-0"

| REVISION | SCHEDULE | # | DESCRIPTION | DATE | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>AREAS:</td> <td>FIRST FLOOR HEATED</td> <td>1,335 SF</td> </tr> <tr> <td></td> <td>SECOND FLOOR HEATED</td> <td>374 SF</td> </tr> <tr> <td></td> <td>FRONT PORCH</td> <td>1,709 SF</td> </tr> <tr> <td></td> <td>REAR PORCH</td> <td>162 SF</td> </tr> <tr> <td></td> <td>UNFINISHED BONUS ROOM</td> <td>24 SF</td> </tr> <tr> <td></td> <td>TOTAL UNDER ROOF</td> <td>138 SF</td> </tr> <tr> <td></td> <td></td> <td>324 SF</td> </tr> <tr> <td></td> <td></td> <td>2,833 SF</td> </tr> </table> | | | | | AREAS: | FIRST FLOOR HEATED | 1,335 SF | | SECOND FLOOR HEATED | 374 SF | | FRONT PORCH | 1,709 SF | | REAR PORCH | 162 SF | | UNFINISHED BONUS ROOM | 24 SF | | TOTAL UNDER ROOF | 138 SF | | | 324 SF | | | 2,833 SF |
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| | SECOND FLOOR HEATED | 374 SF | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | FRONT PORCH | 1,709 SF | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | REAR PORCH | 162 SF | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | UNFINISHED BONUS ROOM | 24 SF | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | 2,833 SF | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOB # | 141-22-018 | THE | NOTTELY MFH | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOUNDATION TYPE | 2x4 EXTERIOR WALLS | FOR | THOMPSON, K. & S. | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CHECKED BY: | JB | OFFICE: | FAYETTEVILLE | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY: | FABIO D. | SOLD BY: | A. VIRT | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROPERTY OF: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET # | F-1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | CRAWL W/BRICK FOUNDATION DETAILS | | | | | | | | | | | | | | | | | | | | | | | | | | | |

OPT. PAPER SIZE: for 1/4" = 1'-0" on 24" x 36" PAPER SIZE ENLARGE PRINTS TO 200%

FINAL CONSTRUCTION PLANS



1 SECOND FLOOR ELEC & HVAC PLAN
1/8" = 1'-0"

ELECTRICAL NOTES:

- BRANCH CIRCUITS THAT SUPPLY 125V, SINGLE PHASE, 15 & 20 AMP RECEPTACLE OUTLETS IN BEDROOMS SHALL BE PROTECTED BY ARC-FAULT CIRCUIT INTERRUPTER, NC ART. 210-12(b) 2017 NEC
- CONFORM ELECTRICAL WIRING & COMPONENTS TO CURRENT NEC PROVISIONS OF 1 & 2 FAMILY DWELLINGS AS REQUIRED BY CODE
- OUTLET LOCATIONS ARE REPRESENTATION ONLY
- ACTUAL OUTLET LOCATIONS MAY VARY PER LOCAL CODE

AHP HVAC NOTES:

- FURN. NOT LOCATED ON HEATED AREA TO BE AS CENTRALLY LOCATED AS POSSIBLE. IN ACCORDANCE WITH ALL APPLICABLE CODES
- BUILDER & HVAC CONTRACTOR RESERVE THE RIGHT TO LOCATE SUPPLY VENTS OR LINES
- RETURN AIR REGISTERS TO BE AS CLOSE TO FURNACE UNIT & CENTRALLY LOCATED AS POSSIBLE
- OUTSIDE COMPRESSOR UNIT TO BE LOCATED AS CLOSE TO INTERIOR AIR HANDLER AS POSSIBLE
- OUTSIDE COMPRESSOR UNIT TO BE LOCATED 10'-0" AWAY MIN. FROM DRYER VENT
- HVAC- THERMOSTAT, RETURN AIR, AND SUPPLIES TO BE DESIGNED & LOCATED BY MECHANICAL CONTRACTOR

| ELECTRICAL LEGEND | |
|--|--|
| LIGHTING FIXTURES | |
| Ceiling Fan | |
| Ceiling Fan w/ Light | |
| Ceiling Mounted Light | |
| Recessed Ceiling Light | |
| Pendent Ceiling Light | |
| Fluorescent Ceiling Light | |
| Ceiling Exhaust Fan/Light Combo | |
| Ceiling Exhaust Fan/Light Combo | |
| Emergency Exit Light | |
| Junction Box for Future Fixture | |
| Fluorescent Wall Mounted Light | |
| Wall Mounted Vanity 3 Light | |
| Wall Mounted Vanity 4 Light | |
| Wall Mounted Interior Sconce Light | |
| Wall Mounted Front Exterior Light | |
| Wall Mounted Rear Exterior Light | |
| Wall Mounted Exterior Coach Light | |
| Exterior Flood Light | |
| ELECTRICAL FIXTURES | |
| Duplex Outlet | |
| Duplex Outlet - 220v | |
| Duplex Outlet - GFI | |
| Duplex Outlet - Water Proof GFI | |
| Duplex Outlet - 220V Water Proof GFI | |
| Duplex Outlet - Ceiling Mounted | |
| Duplex Outlet - Floor Mounted | |
| 4-plex Outlet | |
| 4-plex Outlet - Floor Mounted | |
| Outlet, Light and Switch (Attic/Crawl) | |
| 2-Way Switch | |
| 3-Way Switch | |
| 4-Way Switch | |
| Dimmer Switch | |
| Rocker Switch | |
| Smoke Detector | |
| Smoke Detector/Carbon Monoxide | |
| Thermostat | |
| Door Bell | |
| Door Bell Chime | |
| Telephone Jack | |
| Television / Cable Jack | |
| Telephone / Data Jack | |

| REVISION SCHEDULE | # | DESCRIPTION | DATE |
|-------------------|---|-------------|------|
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| AREAS: | 1,335 SF | 374 SF | 1,708 SF | 182 SF | 24 SF | 138 SF | 324 SF | 2,833 SF |
|-----------------------|----------|--------|----------|--------|-------|--------|--------|----------|
| FIRST FLOOR HEATED | | | | | | | | |
| SECOND FLOOR HEATED | | | | | | | | |
| FRONT PORCH | | | | | | | | |
| REAR PORCH | | | | | | | | |
| UNFINISHED BONUS ROOM | | | | | | | | |
| TOTAL UNDER ROOF | | | | | | | | |

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|----------|---------------------------------------|
| THE: | NOTTELY MFH |
| FOR: | THOMPSON, K. & S. |
| ADDRESS: | 2701 DARROCH RD, LILLINGTON, NC 27546 |
| OFFICE: | FAYETTEVILLE |
| SOLD BY: | A. VIRT |

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| JOB # | 141-22-018 |
| FOUNDATION TYPE | CRAWLSPACE |
| FOUNDATION TYPE | CRAWLSPACE |
| FOUNDATION TYPE | CRAWLSPACE |

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| DRAWN BY: | FABIO D. |
| CHECKED BY: | JS |
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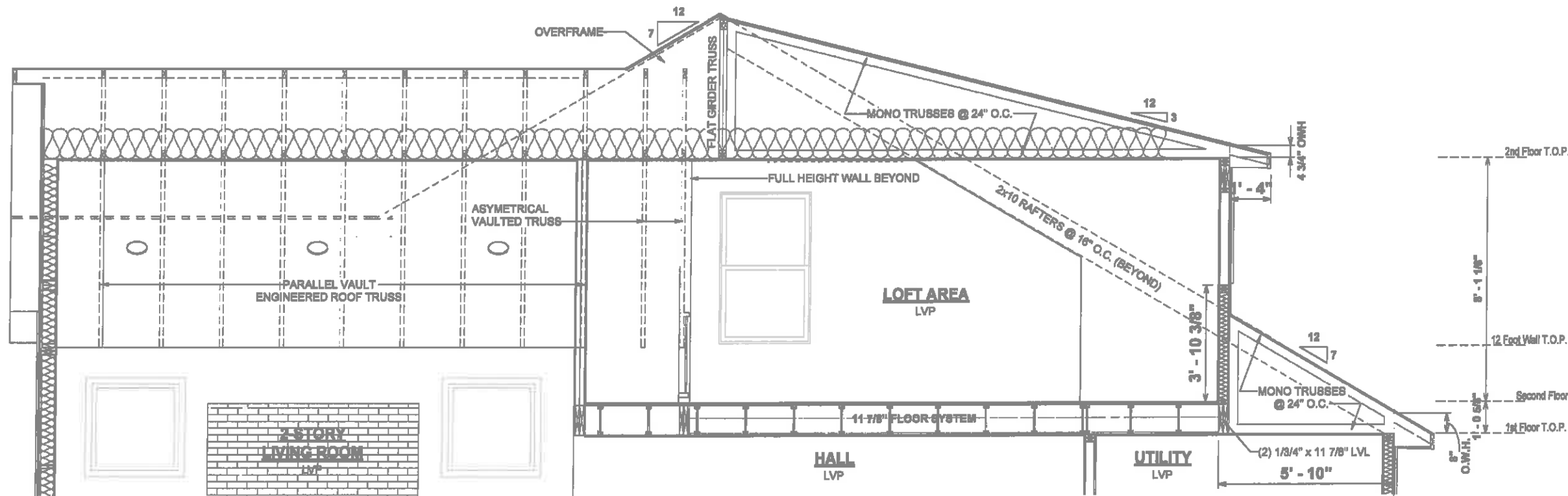
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| SHEET # | H-2 |
| SCALE: | 1/8" = 1'-0" |

OPT. PAPER SIZE: for 1/4" = 1'-0" on 24" x 36" PAPER SIZE ENLARGE PRINTS TO 200%

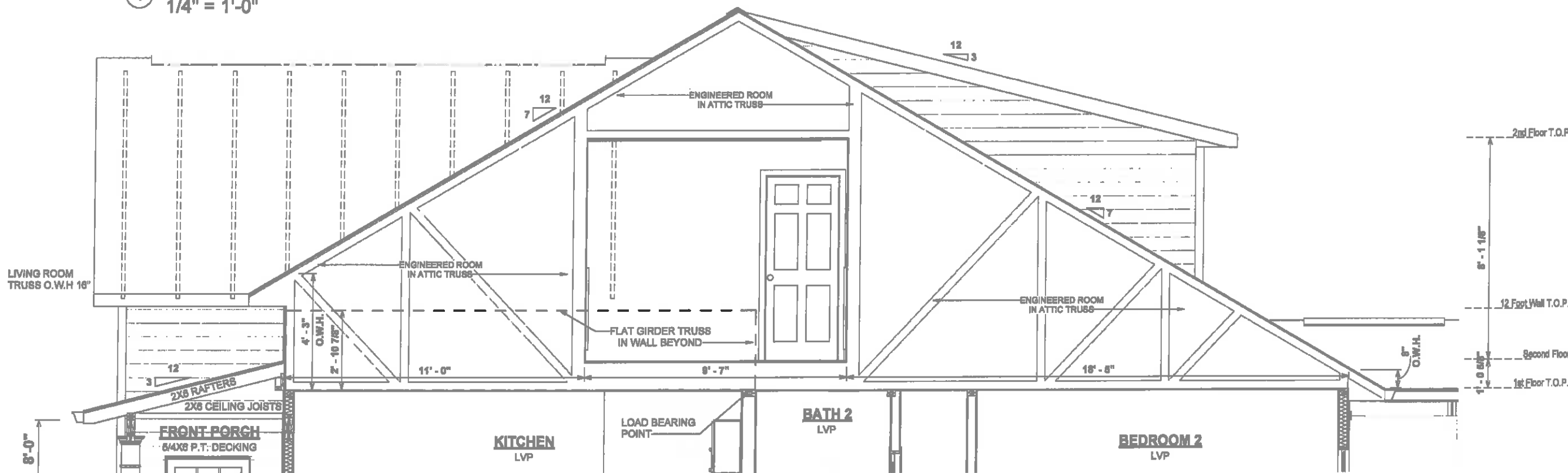
FINAL CONSTRUCTION PLANS

PAPER SIZE: 11" x 17" SCALE: 1/8" = 1'-0"

SECOND FLOOR ELECTRICAL HVAC PLAN



1 SECTION THROUGH LOFT
1/4" = 1'-0"

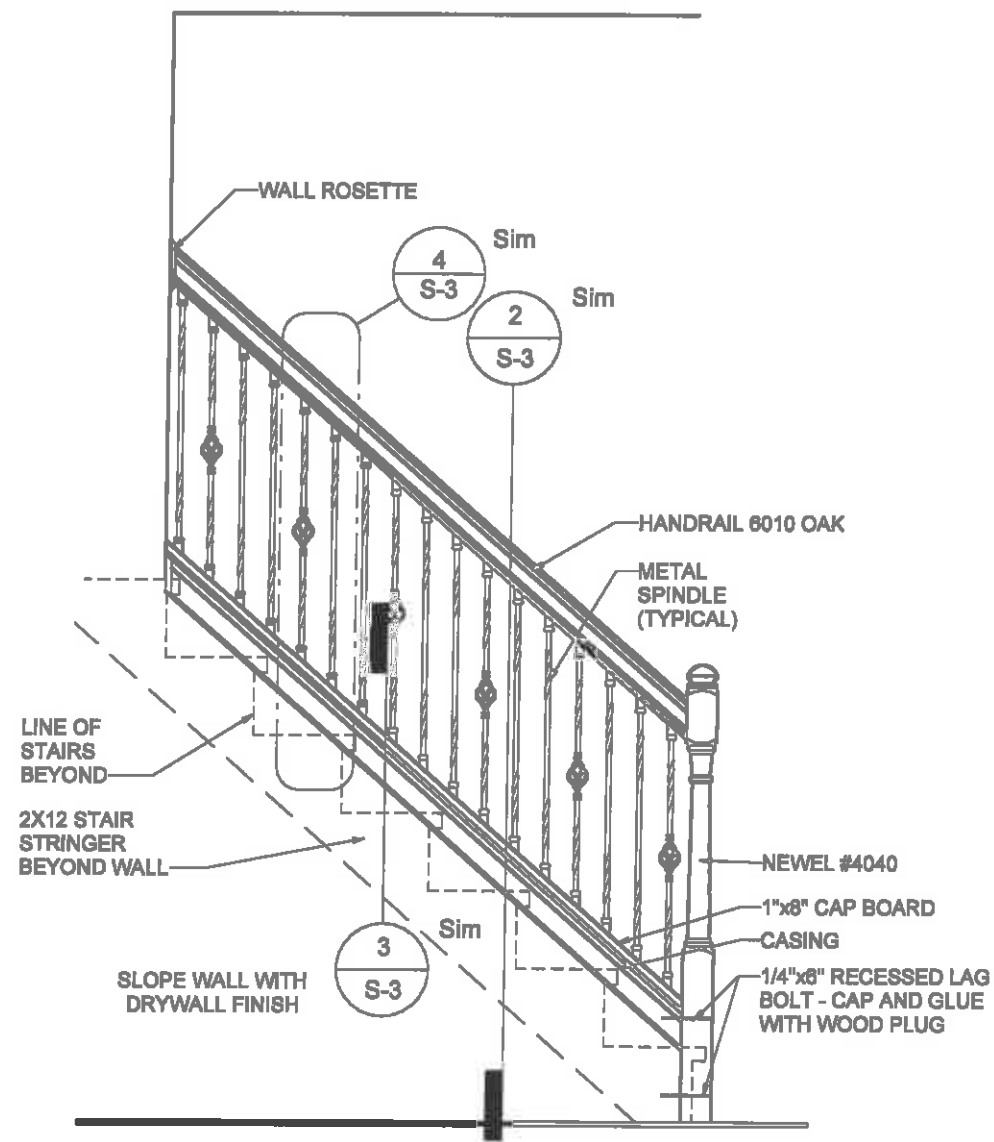


2 SECTION THROUGH BEDROOM 3
1/4" = 1'-0"

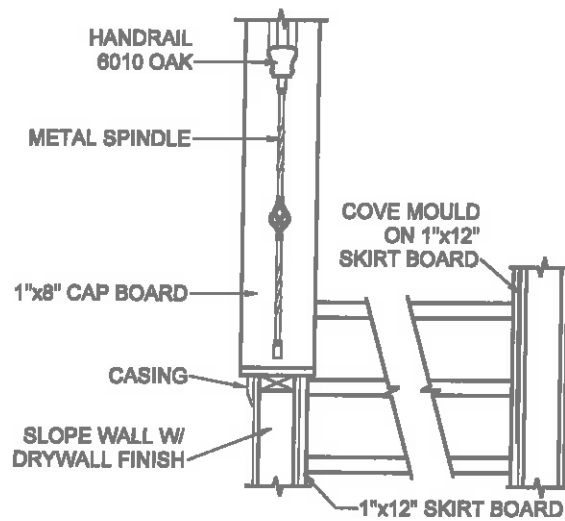
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| TITLE: | NOTTELY MFH |
| FOR: | THOMPSON, K. & S. |
| ADDRESS: | 2701 DARROCH RD, LILLINGTON, NC 27546 |
| OFFICE: | FAYETTEVILLE |
| SOLD BY: | A. VIRT |
| JOB #: | 141-22-018 |
| FOUNDATION TYPE: | CRAWLSPACE |
| EXTERIOR WALLS: | 2x4 EXTERIOR WALLS |
| PROPERTY OF: | |
| DRAWN BY: | FABIO D. |
| CHECKED BY: | JS |
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| SHEET #: | S-1 |
| SCALE: | 1/4" = 1'-0" |
| DETAILS & SECTIONS | |

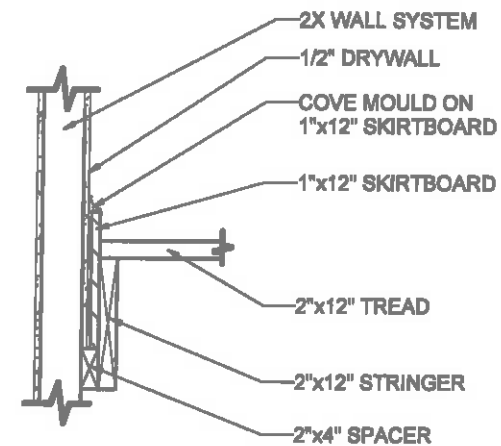
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FINAL CONSTRUCTION PLANS



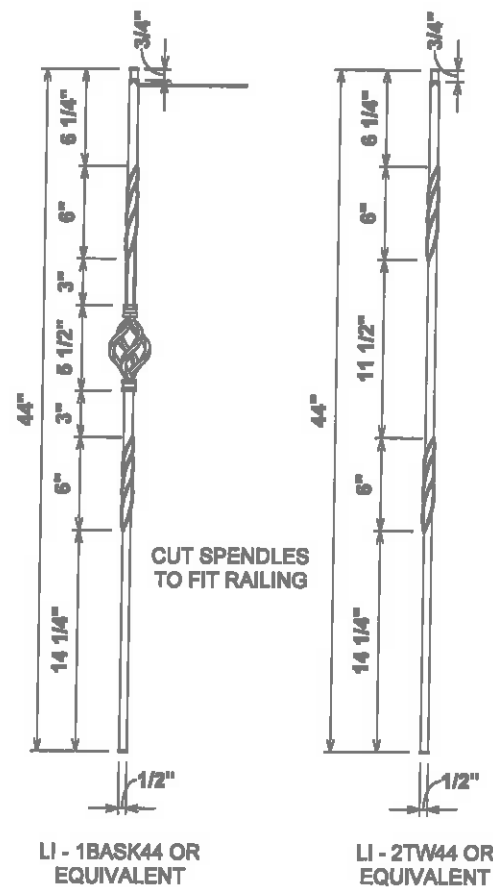
① 900.3 STAIR SLOPED WALL AT RAILING1
1/2" = 1'-0"



② 900.4 STAIR TRIM @ SLOPED WALL1
1/2" = 1'-0"



③ 900.5 STAIR SECTION THRU STRINGER1
3/4" = 1'-0"



④ 900.7 STAIR SPINDLE DETAIL1
1" = 1'-0"

| REVISION SCHEDULE | DESCRIPTION | DATE |
|-------------------|-------------|------|
| # | | |

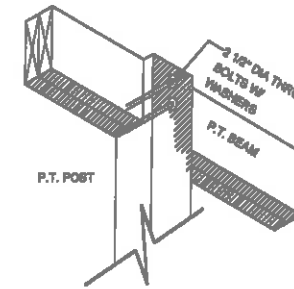
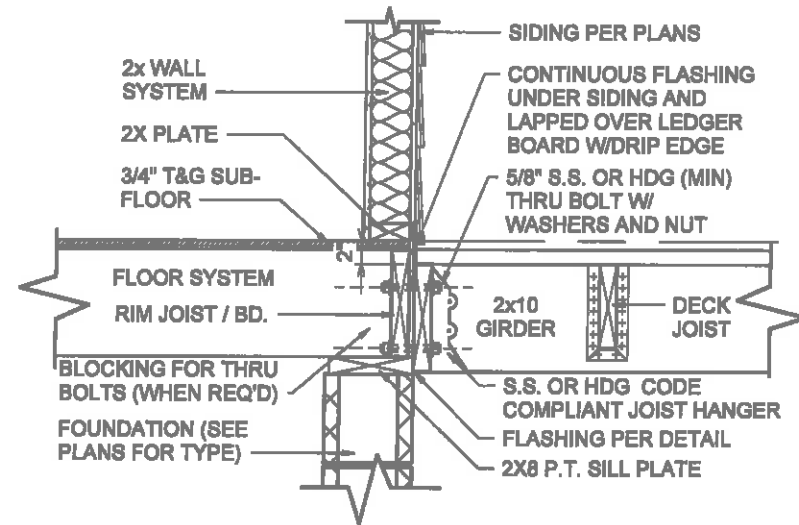
| AREAS: | 1,336 SF | 374 SF | 1,709 SF | 182 SF | 24 SF | 138 SF | 324 SF | 2,633 SF |
|-----------------------|----------|--------|----------|--------|-------|--------|--------|----------|
| FIRST FLOOR HEATED | | | | | | | | |
| SECOND FLOOR HEATED | | | | | | | | |
| FRONT PORCH | | | | | | | | |
| REAR PORCH | | | | | | | | |
| UNFINISHED BONUS ROOM | | | | | | | | |
| TOTAL UNDER ROOF | | | | | | | | |

| | |
|---------------------------------------|-------------------|
| THE: | NOTTELY MFH |
| FOR: | THOMPSON, K. & S. |
| 2701 DARROCH RD, LILLINGTON, NC 27546 | |
| OFFICE: | FAYETTEVILLE |
| SOLD BY: | A. VIRT |

| | |
|--------------------|-----------------------|
| JOB # | 141-22-018 |
| 2x4 EXTERIOR WALLS | |
| FOUNDATION TYPE: | CRAWLSPACE |
| DRAWN BY: | FABIO D. |
| CHECKED BY: | JS |
| PRINTED: | 12/28/2022 4:48:31 PM |
| PROPERTY OF: | AMERICA'S HOME PLACE |
| © COPYRIGHT - 2022 | |
| SHEET # | S-3 |
| DETAILS & SECTIONS | |

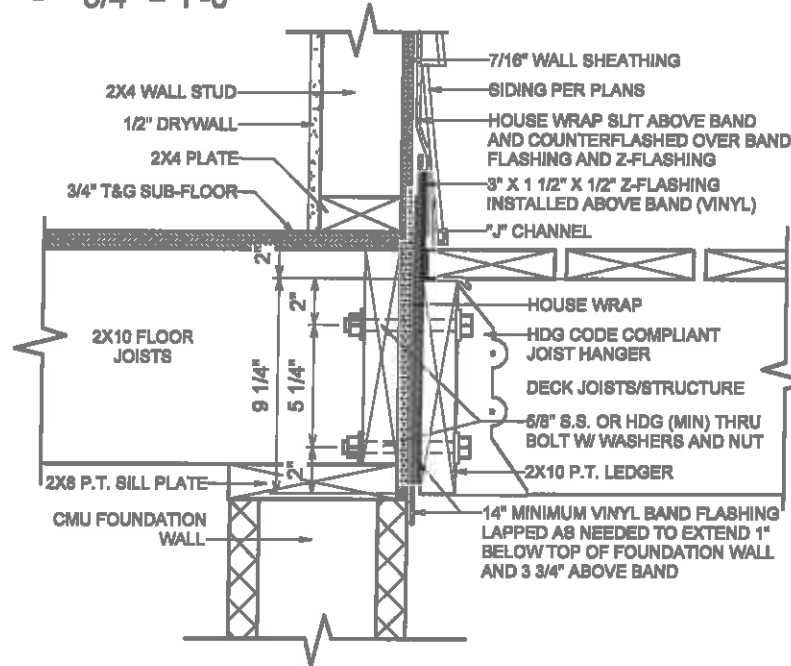
OPT. PAPER SIZE: for 1/4" = 1'-0" on 24" x 36" PAPER SIZE ENLARGE PRINTS TO 200%

FINAL CONSTRUCTION PLANS



POST TO BEAM CONNECTION

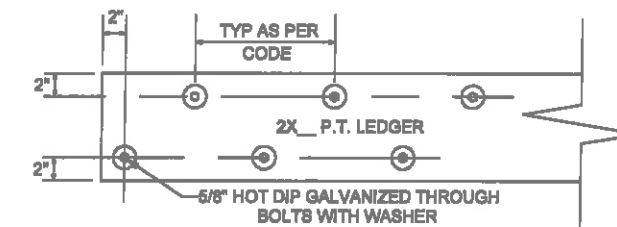
1 87-0.6-DECK LEDGER CONNECTION
3/4" = 1'-0"



2 87-480.2 PORCH LEDGER FLASHING
1 1/2" = 1'-0"

| FASTENERS | 8' MAX. JOIST SPAN | 16' MAX. JOIST SPAN |
|---|---------------------------|----------------------------|
| 5/8" HOT DIPPED GALV. BOLTS WITH NUT AND WASHER | 1 @ 3'-8" O.C. | 1 @ 1'-8" O.C. |
| AND | AND | AND |
| 12 D COMMON HOT DIPPED GALV. NAILS | 2 @ 8" O.C. | 3 @ 8" O.C. |

AM104.1.1 ALL STRUCTURES EXCEPT BRICK VENEER STRUCTURES



LEDGER BOARD AND FASTENER DETAIL

| REVISION SCHEDULE | # | DESCRIPTION | DATE | AREAS | | | | | | | | |
|-------------------|---|-------------|------|--------------------|---------------------|-------------|------------|-----------------------|------------------|----------|--|--|
| | | | | FIRST FLOOR HEATED | SECOND FLOOR HEATED | FRONT PORCH | REAR PORCH | UNFINISHED BONUS ROOM | TOTAL UNDER ROOF | | | |
| | | | | 1,335 SF | 374 SF | 1,709 SF | 24 SF | 139 SF | 324 SF | 2,033 SF | | |

| | |
|------------------------|--|
| THE | NOTTELY MFH |
| FOR | THOMPSON, K. & S. |
| JOB # | 141-22-018 |
| FOUNDATION TYPE | CRAWLSPACE |
| ADDRESS | 2701 DARROCH RD, LILLINGTON, NC 27546 |
| DEGREE | FAYETTEVILLE |
| SOLD BY: | A. VIRT |

| | |
|---------------------|--|
| PROPERTY OF: | |
| DATE: | 12/28/2022 |
| PRINTED: | 4:48:32 PM |
| DRAWN BY: | FABIO D. |
| CHECKED BY: | JS |
| PROJECT: | C:\Shared drives\AHP Drafting\AHP-Jobs\Coe Strother (07 38 49 50 64 58 75 87 89 122 123 141 165)\141-Fayetteville\141-Thompson-Nottely MFH-Crawlspace-Final Review 081822.rvt |

| | |
|----------------|---------------------|
| SHEET # | S-4 |
| SCALE | As Indicated |

OPT. PAPER SIZE: for 1/4" = 1'-0" on 24" x 36" PAPER SIZE ENLARGE PRINTS TO 200%

FINAL CONSTRUCTION PLANS

PAPER SIZE: 11" x 17"

STANDARD DECK DETAILS

ROUGH OPENINGS FOR PLY-GEM VINYL S/H WINDOWS

SINGLE WINDOW UNITS

| CALL SIZE | ACTUAL SIZE | ROUGH OPENING SIZE |
|-----------|-------------------|--------------------|
| 2-0 X 3-0 | 23 1/2" X 35 1/2" | 24" X 36" |
| 2-0 X 4-0 | 23 1/2" X 47 1/2" | 24" X 48" |
| 2-8 X 4-0 | 31 1/2" X 47 1/2" | 32" X 48" |
| 2-8 X 5-0 | 31 1/2" X 59 1/2" | 32" X 60" |
| 2-8 X 6-0 | 31 1/2" X 71 1/2" | 32" X 72" |
| 3-0 X 3-0 | 35 1/2" X 35 1/2" | 36" X 36" |
| 3-0 X 4-0 | 35 1/2" X 47 1/2" | 36" X 48" |
| 3-0 X 5-0 | 35 1/2" X 59 1/2" | 36" X 60" |
| 3-0 X 6-2 | 35 1/2" X 61 1/2" | 36" X 62" |
| 3-0 X 6-0 | 35 1/2" X 71 1/2" | 36" X 72" |
| 3-0 X 6-2 | 35 1/2" X 73 1/2" | 36" X 74" |
| 3-4 X 4-0 | 39 1/2" X 47 1/2" | 40" X 48" |
| 4-0 X 4-0 | 47 1/2" X 47 1/2" | 48" X 48" |

TWIN/TRIPLE WINDOW UNITS

| | | |
|-----------------------|--------------------|------------|
| 2-8 X 5-0 TWIN | 63 1/2" X 59 1/2" | 64" X 60" |
| 2-8 X 6-0 TWIN | 63 1/2" X 71 1/2" | 64" X 72" |
| 3-0 X 5-0 TWIN | 71 1/2" X 59 1/2" | 72" X 60" |
| 3-0 X 6-0 TWIN | 71 1/2" X 71 1/2" | 72" X 72" |
| 3-0 X 6-0 TRIPLE | 107 1/2" X 59 1/2" | 108" X 60" |
| 3-0 X 6-0 TRIPLE | 107 1/2" X 71 1/2" | 108" X 72" |
| 1-8 / 3-0 / 1-8 X 6-0 | 75 1/2" X 71 1/2" | 76" X 72" |
| 2-0 / 3-0 / 2-0 X 6-0 | 83 1/2" X 71 1/2" | 84" X 72" |

TRANSOM WINDOW UNITS

| | |
|------------------------------|-----------------------------------|
| 3-0 HALF-ROUND (18" TALL) | CALL SIZE + 16" TO HGT. OF WINDOW |
| 12" TRANSOM | CALL SIZE + 12" TO HGT. OF WINDOW |
| 2-8 ARCH TRAN. (14" TALL) | CALL SIZE + 14" TO HGT. OF WINDOW |
| 3-0 ARCH TRAN. (16" TALL) | CALL SIZE + 16" TO HGT. OF WINDOW |
| 2-8 TW ARCH TRAN. (20" TALL) | CALL SIZE + 20" TO HGT. OF WINDOW |
| 2-8 TW ARCH TRAN. (20" TALL) | CALL SIZE + 20" TO HGT. OF WINDOW |
| 2-8 HALF-ROUND (16" TALL) | CALL SIZE + 16" TO HGT. OF WINDOW |

SPECIALTY WINDOWS

| | |
|---------------------|-----------|
| 4-0 X 6-0 EYEBROW | 48" X 60" |
| 3-0 X 4-0 PALLADIAN | 36" X 48" |
| 3-0 X 6-0 PALLADIAN | 60" X 72" |

1. TRANSOM SAMPLE. 3-0 X 6-0 W/ HALF-ROUND TRANSOM. CALL SIZE 3060 + 16" TALL TRANSOM EQUALS A ROUGH OPENING SIZE OF 36" X 90"
2. CALL SUPERINTENDENT FOR ANY WINDOW SIZE THAT IS NOT SHOWN HERE PRIOR TO FRAMING THE OPENING

ROUGH OPENINGS FOR MASONITE ENTRY DOORS

INSWING UNITS

| | |
|---------------------------------------|-------------------|
| 2-8 X 6-8 | 34 1/2" X 82 1/2" |
| 3-0 X 6-8 | 38 1/2" X 82 1/2" |
| 3-0 X 6-8 W/ (2) 12" S.L. | 65 1/4" X 82 1/2" |
| 3-0 X 6-8 W/ 12" TRAN. | 38 1/2" X 96" |
| 3-0 X 6-8 W/ (2) 12" S.L. & 12" TRAN. | 65 1/4" X 96" |

OUTSWING UNITS

| | |
|---------------------------------------|-------------------|
| 2-8 X 6-8 | 34 1/2" X 81" |
| 3-0 X 6-8 | 38 1/2" X 81" |
| 3-0 X 6-8 W/ (2) 12" S.L. | 65 1/4" X 81" |
| 3-0 X 6-8 W/ 12" TRAN. | 38 1/2" X 94 1/2" |
| 3-0 X 6-8 W/ (2) 12" S.L. & 12" TRAN. | 65 1/4" X 94 1/2" |

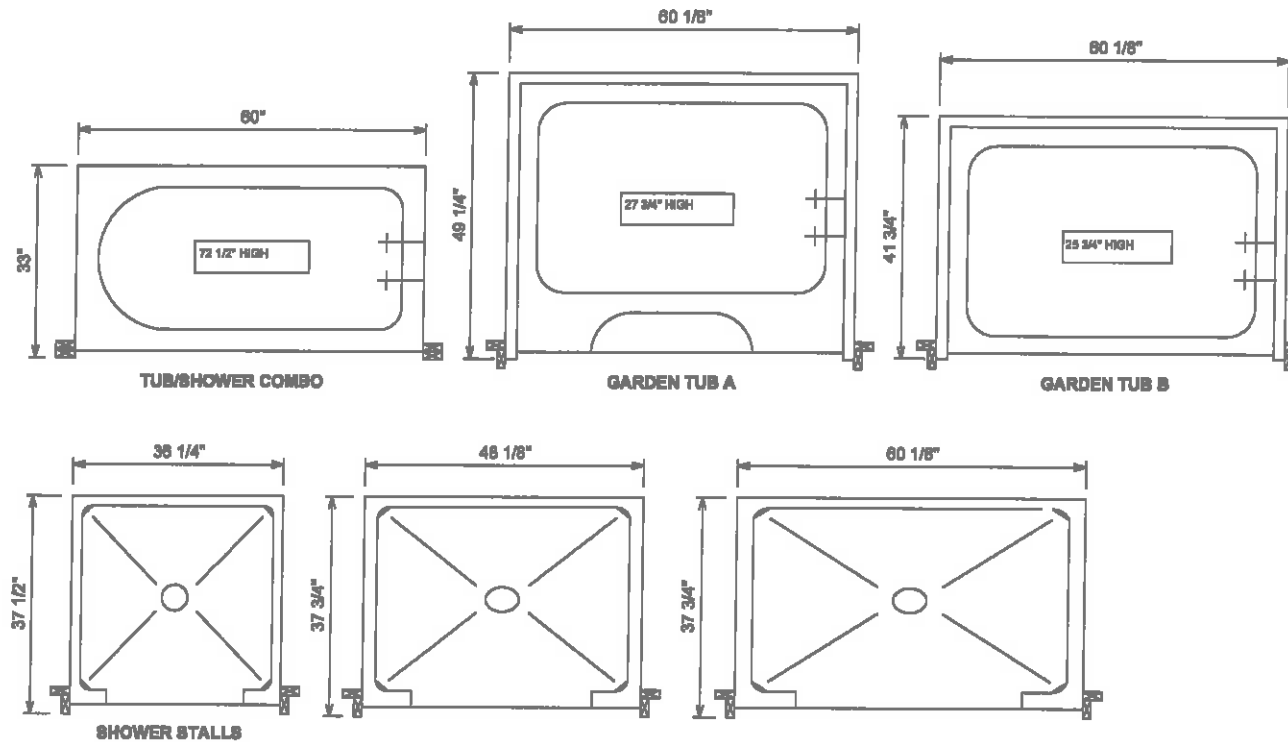
CENTER HINGED/ FRENCH DOOR...

| | |
|-----------------------------------|-------------------|
| 6-0 X 6-8 CENTER HINGED (INSWING) | 75 5/8" X 82 1/2" |
| 6-0 X 6-8 FRENCH (INSWING) | 75 1/4" X 82 1/2" |
| 6-0 X 6-8 INSWING W/ 12" TRAN. | 75 5/8" X 96" |
| 6-0 X 6-8 FRENCH W/ 12" TRAN. | 75 1/4" X 96" |

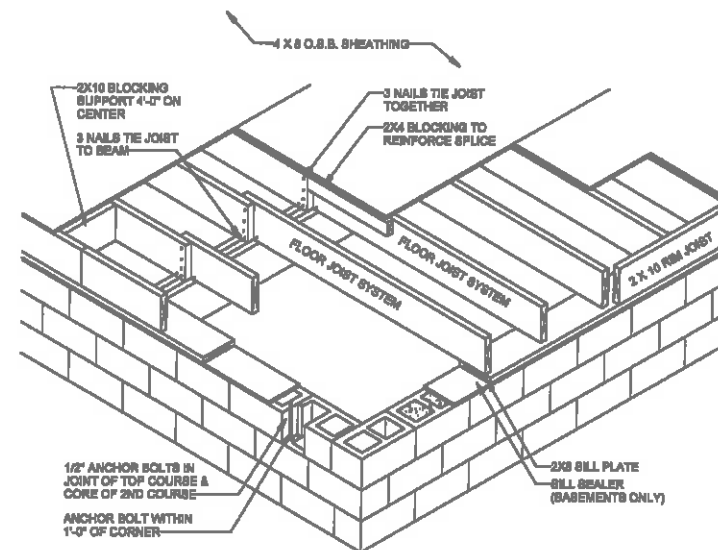
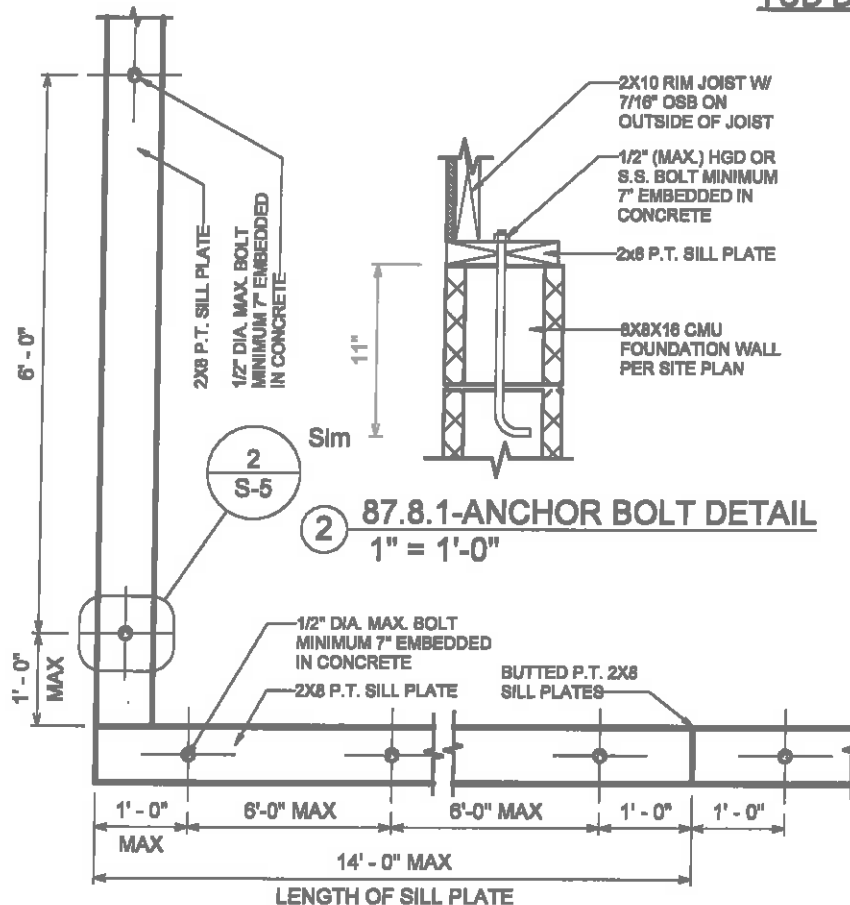
SLIDING GLASS DOORS

| | |
|------------------|-------------------|
| 6-0 X 6-8 SLIDER | 80 1/4" X 80 1/2" |
| 6-0 X 6-8 SLIDER | 72 1/4" X 80 1/2" |

*** FOR OUTSWING DOORS, DEDUCT 1" FROM HEIGHT OF UNIT**



TUB DETAILS



GENERAL NOTES:

- 1.) MINIMUM ALLOWABLE BEARING FOR FLOOR JOIST IS 1 1/2".
- 2.) ALL REQUIRED NAILING PATTERNS ARE PER PRINT AND/OR SPEC.

FLOOR FRAMING DETAIL

OPT. PAPER SIZE: for 1/4" = 1'-0" on 24" x 36" PAPER SIZE ENLARGE PRINTS TO 200%

FINAL CONSTRUCTION PLANS

| REVISION SCHEDULE | # | DESCRIPTION | DATE |
|-------------------|---|-------------|------|
| | | | |

| AREAS: | FRONT FLOOR HEATED | SECOND FLOOR HEATED | FRONT PORCH | REAR PORCH | UNFINISHED BONUS ROOM | TOTAL UNDER ROOF |
|--------|--------------------|---------------------|-------------|------------|-----------------------|------------------|
| | 1,336 SF | 374 SF | 1,789 SF | 162 SF | 138 SF | 3,243 SF |

| | | |
|---------------------|------------------------------|--|
| NOTTELY MFH | THOMPSON, K. & S. | 2701 DARROCH RD, LILLINGTON, NC 27546 |
| 141-22-018 | 2x4 EXTERIOR WALLS | FOUNDATION TYPE: CRAWLSPACE |
| FABIO D. | JS | 12/28/2022 4:48:34 PM |
| PROPERTY OF: | 87.8-ANCHOR BOLTS | © COPYRIGHT - 2022 |
| S-5 | FRAMING DETAILS | SCA I: E: AS |

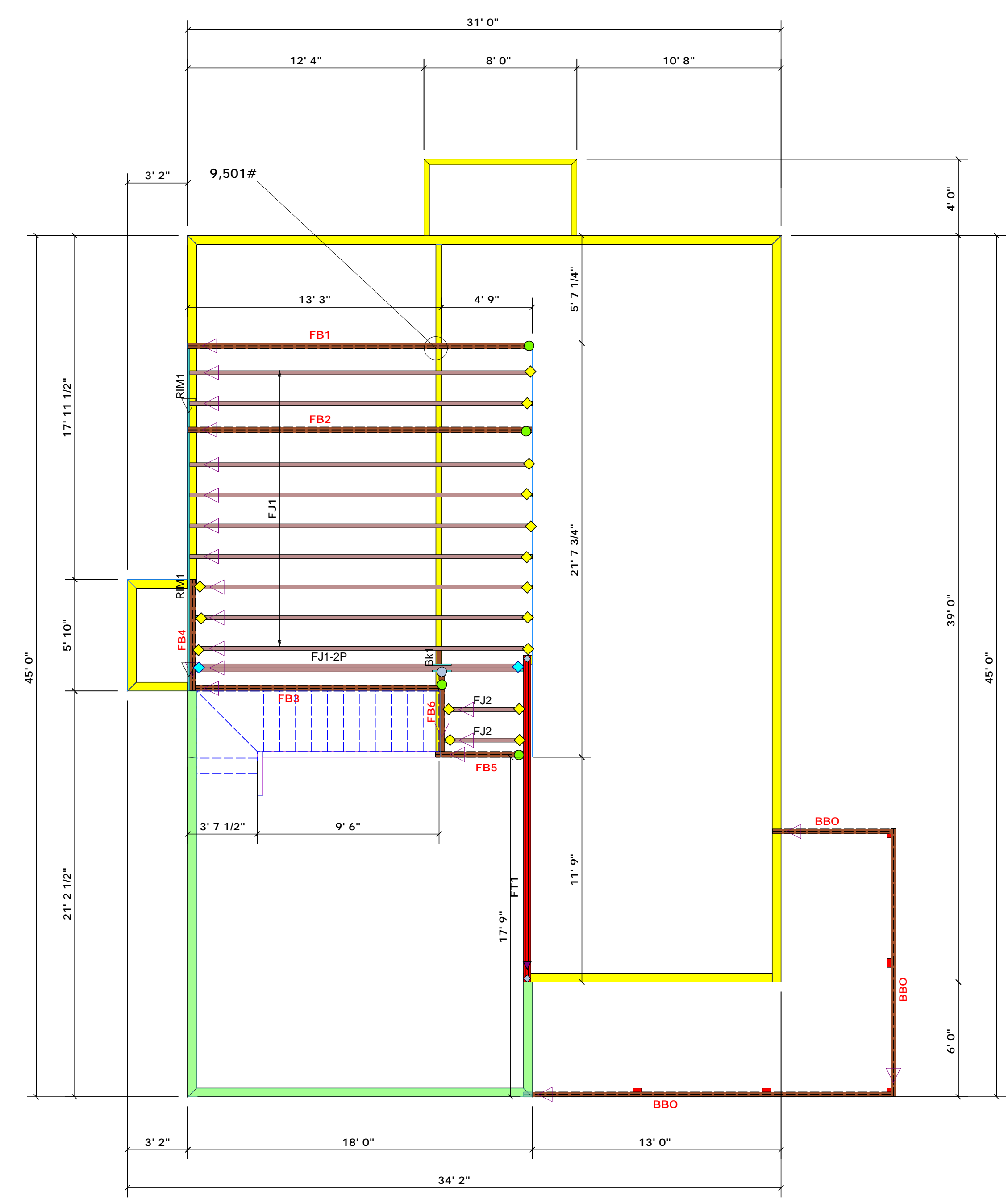


ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park
Fayetteville, N.C. 28309
Phone: (910) 864-8787
Fax: (910) 864-4444

Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions greater than 3000# but not greater than 15000#. A registered design professional shall be retained to design the support system for any reaction that exceeds those specified in the attached Tables. A registered design professional shall be retained to design the support system for all reactions that exceed 15000#.

Signature Bob Lewis
Bob Lewis



| Floor Joist | | | | | |
|-------------|--------|----------------|-------|---------|----------|
| PlotID | Length | Product | Plies | Net Qty | Fab Type |
| FJ1 | 18' 0" | 11 7/8" NI-40x | 1 | 9 | MFD |
| FJ1-2P | 18' 0" | 11 7/8" NI-40x | 2 | 2 | MFD |
| FJ2 | 6' 0" | 11 7/8" NI-40x | 1 | 2 | MFD |

| RIMBOARD BY COMTECH | | | | | |
|---------------------|--------|----------------------------|-------|---------|----------|
| PlotID | Length | Product | Plies | Net Qty | Fab Type |
| RIM1 | 12' 0" | 1 1/8" x 11 7/8" Rim Board | 1 | 2 | FF |
| Bk1 | 2' 0" | 11 7/8" NI-40x | 1 | 1 | FF |

9' 1 1/8" MAIN LEVEL PLATE HEIGHT
8' 1 1/8" 2ND LEVEL PLATE HEIGHT

| LVL SUPPLIED BY COMTECH | | | | | |
|-------------------------|--------|-----------------------------|-------|---------|----------|
| PlotID | Length | Product | Plies | Net Qty | Fab Type |
| FB1 | 18' 0" | 1-3/4"x 11-7/8" LVL Kerto-S | 2 | 2 | FF |
| FB2 | 18' 0" | 1-3/4"x 11-7/8" LVL Kerto-S | 2 | 2 | FF |
| FB3 | 14' 0" | 1-3/4"x 11-7/8" LVL Kerto-S | 2 | 2 | FF |
| FB4 | 6' 0" | 1-3/4"x 11-7/8" LVL Kerto-S | 2 | 2 | FF |
| FB5 | 5' 0" | 1-3/4"x 11-7/8" LVL Kerto-S | 2 | 2 | FF |
| FB6 | 5' 0" | 1-3/4"x 11-7/8" LVL Kerto-S | 2 | 2 | FF |

| Hatch Legend | |
|--------------|----------------------------------|
| | 8' 1 1/8" 2nd Level Plate Height |
| | 4' 9 1/2" WALL HEIGHT |
| | Vaulted Ceiling |
| | 12' 0" PLATE HEIGHT |

| | | | | | | |
|--|----------|-----|----|--------|------------|------------|
| | IHF25112 | USP | 16 | NA | 10d/1-1/2" | 10d/1-1/2" |
| | THD410 | USP | 4 | NA | 16d/3-1/2" | 10d/3" |
| | MSH422 | USP | 1 | Varies | 10d/3" | 10d/3" |

Truss Placement Plan
SCALE: NTS

= Indicates Left End of Truss
(Reference Engineered Truss Drawing)
Do NOT Erect Truss Backwards

| LOAD CHART FOR JACK STUDS | | | |
|--|---------------------------|----------------------|---------------------------|
| (BASED ON TABLES ROEBELI, 6 (9)) | | | |
| NUMBER OF JACK STUDS REQUIRED @ EA END OF HEAD-STRIDER | | | |
| END REACTION (IP TO) | REQ'D STUDS FOR 10' PLATE | END REACTION (IP TO) | REQ'D STUDS FOR 10' PLATE |
| 1700 | 1 | 2550 | 1 |
| 3400 | 2 | 5100 | 2 |
| 5100 | 3 | 7650 | 3 |
| 6800 | 4 | 10200 | 4 |
| 8500 | 5 | 12750 | 5 |
| 10200 | 6 | 15300 | 6 |
| 11900 | 7 | | |
| 13600 | 8 | | |
| 15300 | 9 | | |

| | |
|------------|-----------------------|
| CITY / CO. | Lillington / Harnett |
| ADDRESS | 2669 Darroch Rd. |
| MODEL | Roof |
| DATE REV. | 11/02/22 |
| DRAWN BY | Bob Lewis |
| SALES REP. | Bob Lewis |
| BUILDER | America's Home Place |
| JOB NAME | KS THOMPSON #14122018 |
| PLAN | Nottely MFH |
| SEAL DATE | Seal Date |
| QUOTE # | Quote # |
| JOB # | JO922-4889 |

THIS IS A TRUSS-PLACEMENT DIAGRAM ONLY. These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbcindustry.com

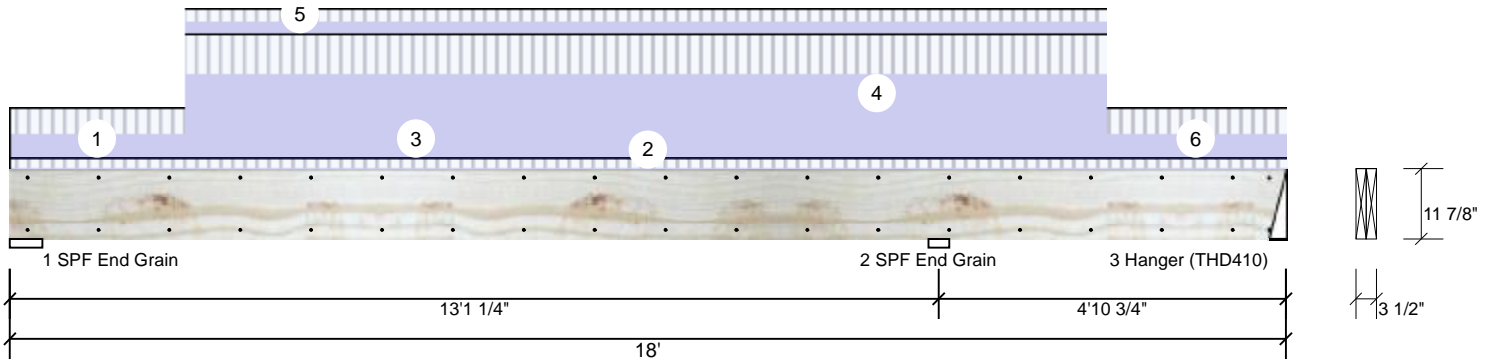


Client: America's Home Place
 Project: K.S. Thompson
 Address:

Date: 11/3/2022
 Input by: Bob Lewis
 Job Name: J0922-4889- Beams
 Project #: J0922-4889 Beams

FB1 Kerto-S LVL 1.750" X 11.875" 2-Ply - PASSED

Level: Level



Member Information

| | | | |
|---------------------|---------------|----------------|--------------|
| Type: | Girder | Application: | Floor |
| Plies: | 2 | Design Method: | ASD |
| Moisture Condition: | Dry | Building Code: | IBC/IRC 2015 |
| Deflection LL: | 360 | Load Sharing: | No |
| Deflection TL: | 240 | Deck: | Not Checked |
| Importance: | Normal - II | | |
| Temperature: | Temp <= 100°F | | |

Reactions UNPATTERNED Ib (Uplift)

| Brg | Direction | Live | Dead | Snow | Wind | Const |
|-----|-----------|----------|--------|------|------|-------|
| 1 | Vertical | 1354 | 1891 | 0 | 0 | 0 |
| 2 | Vertical | 3599 | 5664 | 0 | 0 | 0 |
| 3 | Vertical | 0 (-360) | (-812) | 0 | 0 | 0 |

Bearings

| Bearing | Length | Dir. | Cap. | React D/L lb | Total | Ld. Case | Ld. Comb. |
|-------------------|--------|------|------|--------------|---------------|----------|-----------|
| 1 - SPF End Grain | 5.500" | Vert | 20% | 1851 / 1343 | 3194 | L_ | D+L |
| 2 - SPF End Grain | 3.500" | Vert | 83% | 5810 / 3691 | 9501 | LL | D+L |
| 3 - Hanger | 3.000" | Vert | 0% | -918 / -854 | -1772 (-1772) | L_ | D+L(D+L) |

Analysis Results

| Analysis | Actual | Location | Allowed | Capacity | Comb. | Case |
|--------------|----------------|------------|---------------|--------------|-------|------|
| Neg Moment | -11204 ft-lb | 13' 1/4" | 19911 ft-lb | 0.563 (56%) | D+L | LL |
| Unbraced | -11204 ft-lb | 13' 1/4" | 11206 ft-lb | 1.000 (100%) | D+L | LL |
| Pos Moment | 9678 ft-lb | 5'8 7/16" | 19911 ft-lb | 0.486 (49%) | D+L | L_ |
| Unbraced | 9678 ft-lb | 5'8 7/16" | 9695 ft-lb | 0.998 (100%) | D+L | L_ |
| Shear | 4983 lb | 11'11 5/8" | 8867 lb | 0.562 (56%) | D+L | LL |
| LL Defl inch | 0.117 (L/1306) | 6'3 3/4" | 0.424 (L/360) | 0.276 (28%) | L | L_ |
| TL Defl inch | 0.297 (L/513) | 6'3 3/4" | 0.635 (L/240) | 0.468 (47%) | D+L | L_ |

Design Notes

- 1 Provide support to prevent lateral movement and rotation at the end bearings. Lateral support may also be required at the interior bearings by the building code.
- 2 Fasten all plies using 2 rows of 10d Box nails (.128x3") at 12" o.c. Maximum end distance not to exceed 6".
- 3 Refer to last page of calculations for fasteners required for specified loads.
- 4 Fill all hanger nailing holes.
- 5 Girders are designed to be supported on the bottom edge only.
- 6 Top loads must be supported equally by all plies.
- 7 Tie-down connection required at bearing 3 for uplift 1772 lb (Combination D+L, Load Case L_).**
- 8 Top must be laterally braced at a maximum of 9'5 1/2" o.c.
- 9 Bottom must be laterally braced at a maximum of 7'9 3/8" o.c.
- 10 Lateral slenderness ratio based on single ply width.

Notes

Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

Lumber

1. Dry service conditions, unless noted otherwise
2. LVL not to be treated with fire retardant or corrosive

chemicals

Handling & Installation

1. LVL beams must not be cut or drilled
2. Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals
3. Damaged Beams must not be used
4. Design assumes top edge is laterally restrained
5. Provide lateral support at bearing points to avoid lateral displacement and rotation

6. For flat roofs provide proper drainage to prevent ponding

This design is valid until 11/3/2024

Manufacturer Info

Metsä Wood
 301 Merritt 7 Building, 2nd Floor
 Norwalk, CT 06851
 (800) 622-5850
www.metsawood.com/us

Comtech, Inc.
 1001 S. Reilly Road, Suite #639
 Fayetteville, NC
 USA
 28314
 910-864-TRUS



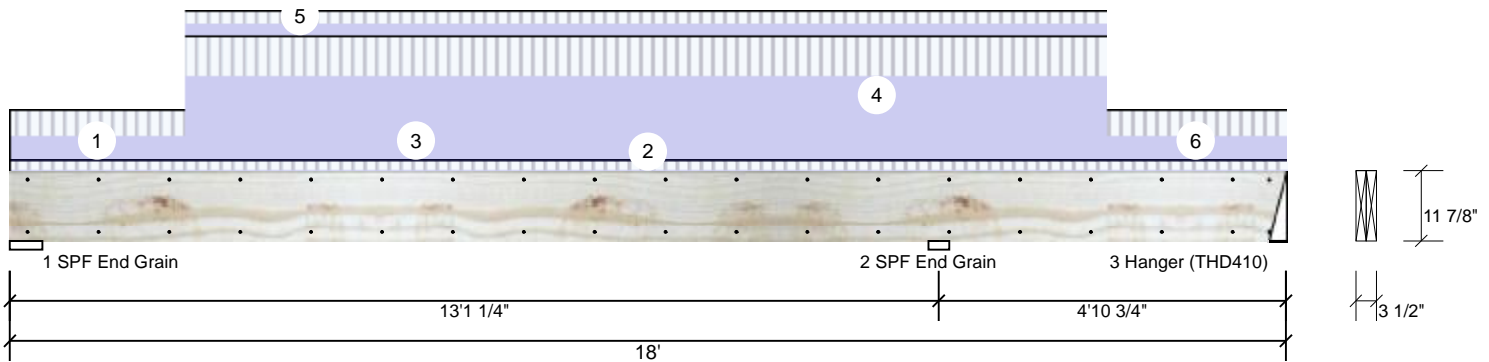


Client: America's Home Place
 Project: K.S. Thompson
 Address:

Date: 11/3/2022
 Input by: Bob Lewis
 Job Name: J0922-4889- Beams
 Project #: J0922-4889 Beams

FB1 Kerto-S LVL 1.750" X 11.875" 2-Ply - PASSED

Level: Level



| ID | Load Type | Location | Trib Width | Side | Dead 0.9 | Live 1 | Snow 1.15 | Wind 1.6 | Const. 1.25 | Comments |
|----|---------------|------------------|------------|-----------|----------|---------|-----------|----------|-------------|----------|
| 1 | Part. Uniform | 0-0-0 to 2-5-8 | | Near Face | 113 PLF | 113 PLF | 0 PLF | 0 PLF | 0 PLF | E1 Mono |
| 2 | Uniform | | 1-4-0 | Top | 10 PSF | 40 PSF | 0 PSF | 0 PSF | 0 PSF | |
| 3 | Part. Uniform | 2-5-8 to 15-5-8 | | Top | 208 PLF | 0 PLF | 0 PLF | 0 PLF | 0 PLF | wall |
| 4 | Part. Uniform | 2-5-8 to 15-5-8 | | Top | 180 PLF | 180 PLF | 0 PLF | 0 PLF | 0 PLF | C1 Monos |
| 5 | Part. Uniform | 2-5-8 to 15-5-8 | | Near Face | 56 PLF | 56 PLF | 0 PLF | 0 PLF | 0 PLF | e2 Monos |
| 6 | Part. Uniform | 15-5-8 to 18-0-0 | | Top | 113 PLF | 113 PLF | 0 PLF | 0 PLF | 0 PLF | E1a Mono |
| | Self Weight | | | | 9 PLF | | | | | |

Notes
 Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

Lumber
 1. Dry service conditions, unless noted otherwise
 2. LVL not to be treated with fire retardant or corrosive chemicals

Handling & Installation

- LVL beams must not be cut or drilled
- Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals
- Damaged Beams must not be used
- Design assumes top edge is laterally restrained
- Provide lateral support at bearing points to avoid lateral displacement and rotation

6. For flat roofs provide proper drainage to prevent ponding

This design is valid until 11/3/2024

Manufacturer Info

Metsä Wood
 301 Merritt 7 Building, 2nd Floor
 Norwalk, CT 06851
 (800) 622-5850
www.metsawood.com/us

Comtech, Inc.
 1001 S. Reilly Road, Suite #639
 Fayetteville, NC
 USA
 28314
 910-864-TRUS



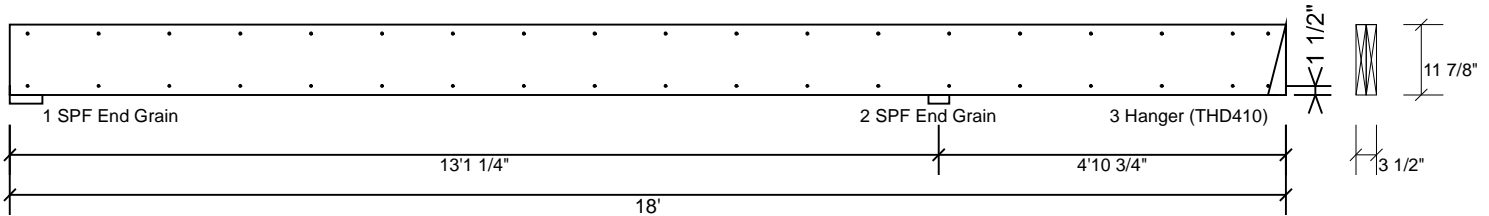


Client: America's Home Place
 Project: K.S. Thompson
 Address:

Date: 11/3/2022
 Input by: Bob Lewis
 Job Name: J0922-4889- Beams
 Project #: J0922-4889 Beams

FB1 Kerto-S LVL 1.750" X 11.875" 2-Ply - PASSED

Level: Level



Multi-Ply Analysis

Fasten all plies using 2 rows of 10d Box nails (.128x3") at 12" o.c.. Maximum end distance not to exceed 6".

| | |
|--------------------------|-----------|
| Capacity | 69.0 % |
| Load | 113.0 PLF |
| Yield Limit per Foot | 163.7 PLF |
| Yield Limit per Fastener | 81.9 lb. |
| Yield Mode | IV |
| Edge Distance | 1 1/2" |
| Min. End Distance | 3" |
| Load Combination | D+L |
| Duration Factor | 1.00 |

Notes

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Lumber

1. Dry service conditions, unless noted otherwise
2. LVL not to be treated with fire retardant or corrosive

chemicals

Handling & Installation

1. LVL beams must not be cut or drilled
2. Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals
3. Damaged Beams must not be used
4. Design assumes top edge is laterally restrained
5. Provide lateral support at bearing points to avoid lateral displacement and rotation

6. For flat roofs provide proper drainage to prevent ponding

This design is valid until 11/3/2024

Manufacturer Info

Metsä Wood
 301 Merritt 7 Building, 2nd Floor
 Norwalk, CT 06851
 (800) 622-5850
www.metsawood.com/us

Comtech, Inc.
 1001 S. Reilly Road, Suite #639
 Fayetteville, NC
 USA
 28314
 910-864-TRUS



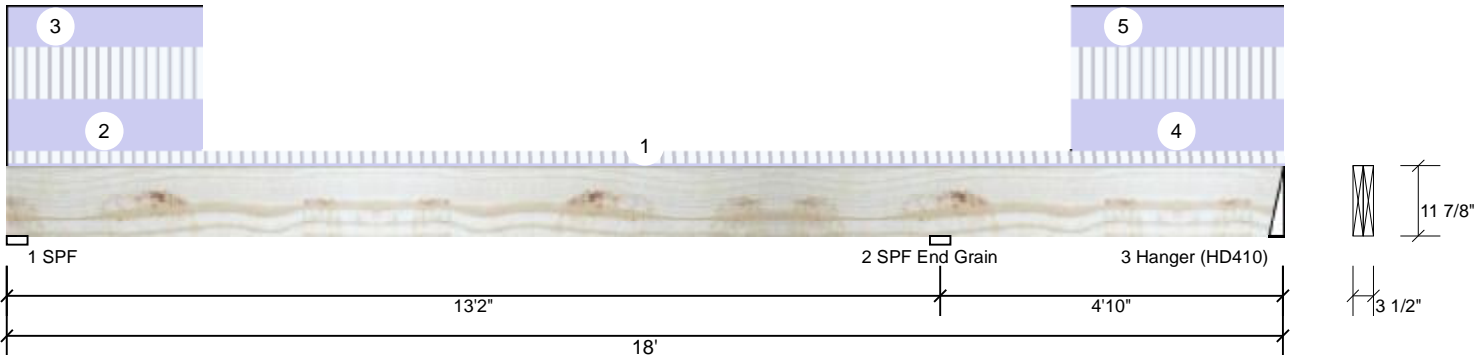


Client: America's Home Place
 Project: K.S. Thompson
 Address:

Date: 11/3/2022
 Input by: Bob Lewis
 Job Name: J0922-4889- Beams
 Project #: J0922-4889 Beams

FB2 Kerto-S LVL 1.750" X 11.875" 2-Ply - PASSED

Level: Level



Member Information

| | | | |
|---------------------|---------------|----------------|--------------|
| Type: | Girder | Application: | Floor |
| Plies: | 2 | Design Method: | ASD |
| Moisture Condition: | Dry | Building Code: | IBC/IRC 2015 |
| Deflection LL: | 480 | Load Sharing: | No |
| Deflection TL: | 240 | Deck: | Not Checked |
| Importance: | Normal - II | | |
| Temperature: | Temp <= 100°F | | |

Reactions UNPATTERNED Ib (Uplift)

| Brg | Direction | Live | Dead | Snow | Wind | Const |
|-----|-----------|------|------|------|------|-------|
| 1 | Vertical | 628 | 824 | 0 | 0 | 0 |
| 2 | Vertical | 788 | 716 | 0 | 0 | 0 |
| 3 | Vertical | 281 | 532 | 0 | 0 | 0 |

Bearings

| Bearing | Length | Dir. | Cap. | React D/L lb | Total | Ld. Case | Ld. Comb. |
|-------------------|--------|------|------|--------------|-------|----------|-----------|
| 1 - SPF | 3.500" | Vert | 28% | 819 / 631 | 1451 | L_ | D+L |
| 2 - SPF End Grain | 3.500" | Vert | 14% | 732 / 807 | 1539 | LL | D+L |
| 3 - Hanger | 2.500" | Vert | 13% | 520 / 440 | 959 | _L | D+L |

Analysis Results

| Analysis | Actual | Location | Allowed | Capacity | Comb. | Case |
|--------------|----------------|-----------|---------------|-------------|-------|------|
| Neg Moment | -1698 ft-lb | 13'2" | 19911 ft-lb | 0.085 (9%) | D+L | LL |
| Unbraced | -1698 ft-lb | 13'2" | 5645 ft-lb | 0.301 (30%) | D+L | LL |
| Pos Moment | 1670 ft-lb | 2'8 7/8" | 19911 ft-lb | 0.084 (8%) | D+L | L_ |
| Unbraced | 1670 ft-lb | 2'8 7/8" | 5645 ft-lb | 0.296 (30%) | D+L | L_ |
| Shear | 851 lb | 14'3 5/8" | 8867 lb | 0.096 (10%) | D+L | LL |
| LL Defl inch | 0.025 (L/6131) | 5'9 3/4" | 0.323 (L/480) | 0.078 (8%) | L | L_ |
| TL Defl inch | 0.045 (L/3440) | 5'6 3/16" | 0.647 (L/240) | 0.070 (7%) | D+L | L_ |

Design Notes

- 1 Provide support to prevent lateral movement and rotation at the end bearings. Lateral support may also be required at the interior bearings by the building code.
- 2 Fill all hanger nailing holes.
- 3 Girders are designed to be supported on the bottom edge only.
- 4 Multiple plies must be fastened together as per manufacturer's details.
- 5 Top loads must be supported equally by all plies.
- 6 Top must be laterally braced at end bearings.
- 7 Bottom must be laterally braced at end bearings.
- 8 Lateral slenderness ratio based on single ply width.

| ID | Load Type | Location | Trib Width | Side | Dead 0.9 | Live 1 | Snow 1.15 | Wind 1.6 | Const. 1.25 | Comments |
|----|---------------|------------------|------------|------|----------|---------|-----------|----------|-------------|----------|
| 1 | Uniform | | 1-0-0 | Top | 10 PSF | 40 PSF | 0 PSF | 0 PSF | 0 PSF | |
| 2 | Part. Uniform | 0-0-0 to 2-9-0 | | Top | 170 PLF | 170 PLF | 0 PLF | 0 PLF | 0 PLF | D1 |
| 3 | Part. Uniform | 0-0-0 to 2-9-0 | | Top | 130 PLF | 0 PLF | 0 PLF | 0 PLF | 0 PLF | WALL |
| 4 | Part. Uniform | 15-0-0 to 18-0-0 | | Top | 170 PLF | 170 PLF | 0 PLF | 0 PLF | 0 PLF | D1 |

Continued on page 2...

| | |
|---|---|
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...Continued from page 1

| ID | Load Type | Location | Trib Width | Side | Dead 0.9 | Live 1 | Snow 1.15 | Wind 1.6 | Const. 1.25 | Comments |
|----|---------------|------------------|------------|------|----------|--------|-----------|----------|-------------|----------|
| 5 | Part. Uniform | 15-0-0 to 18-0-0 | | Top | 130 PLF | 0 PLF | 0 PLF | 0 PLF | 0 PLF | WALL |
| | Self Weight | | | | 9 PLF | | | | | |

Notes

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