

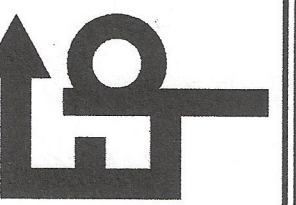
DATE:

NOV.-2015

PLAN: "THE SIDNEY" REVERSED

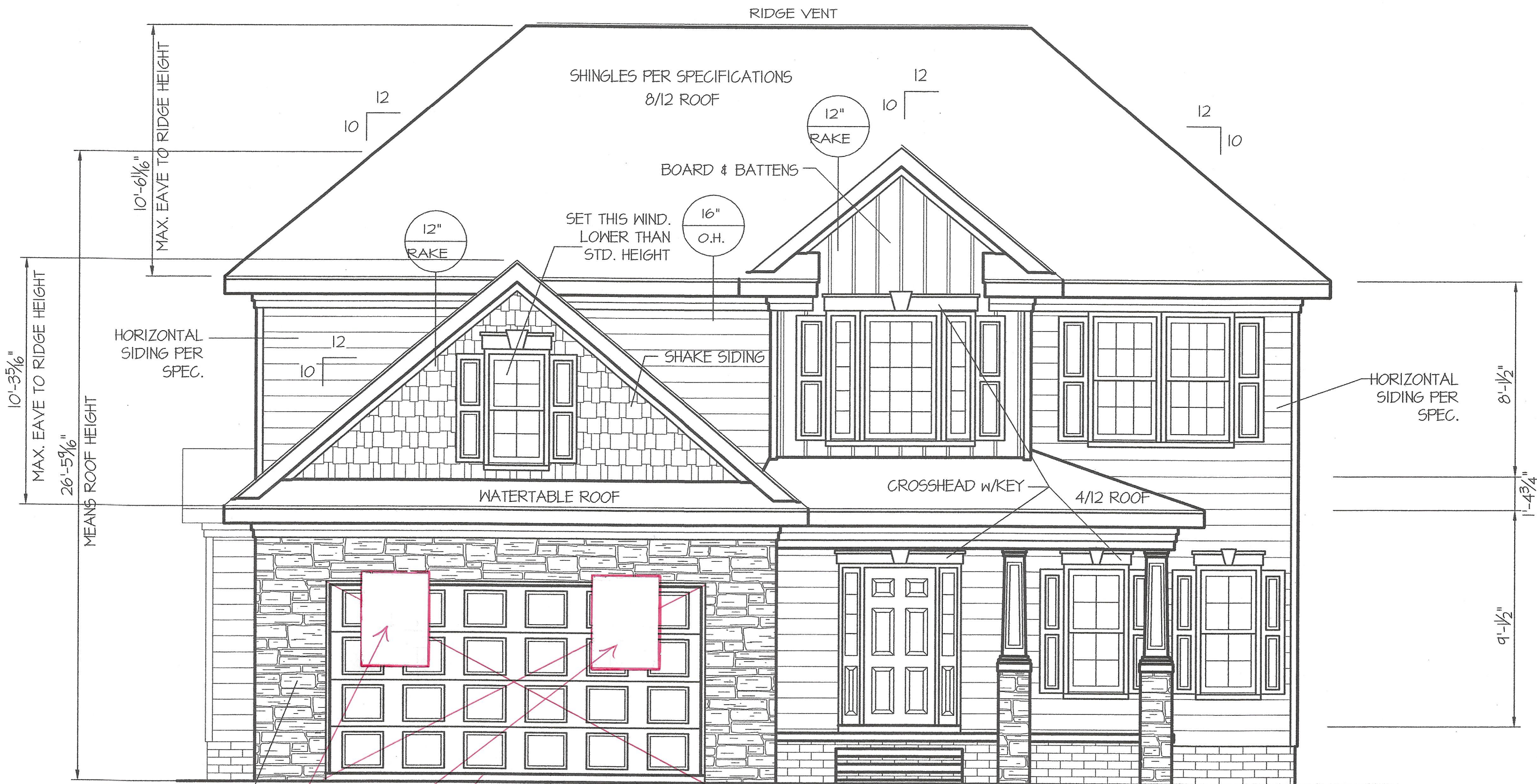
EASTERN PLANS, LLC

P.O. BOX 727
DUNN, N.C. 28335
PHONE: (910) 892-4345
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SHEET NO.

1



FRONT ELEVATION

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

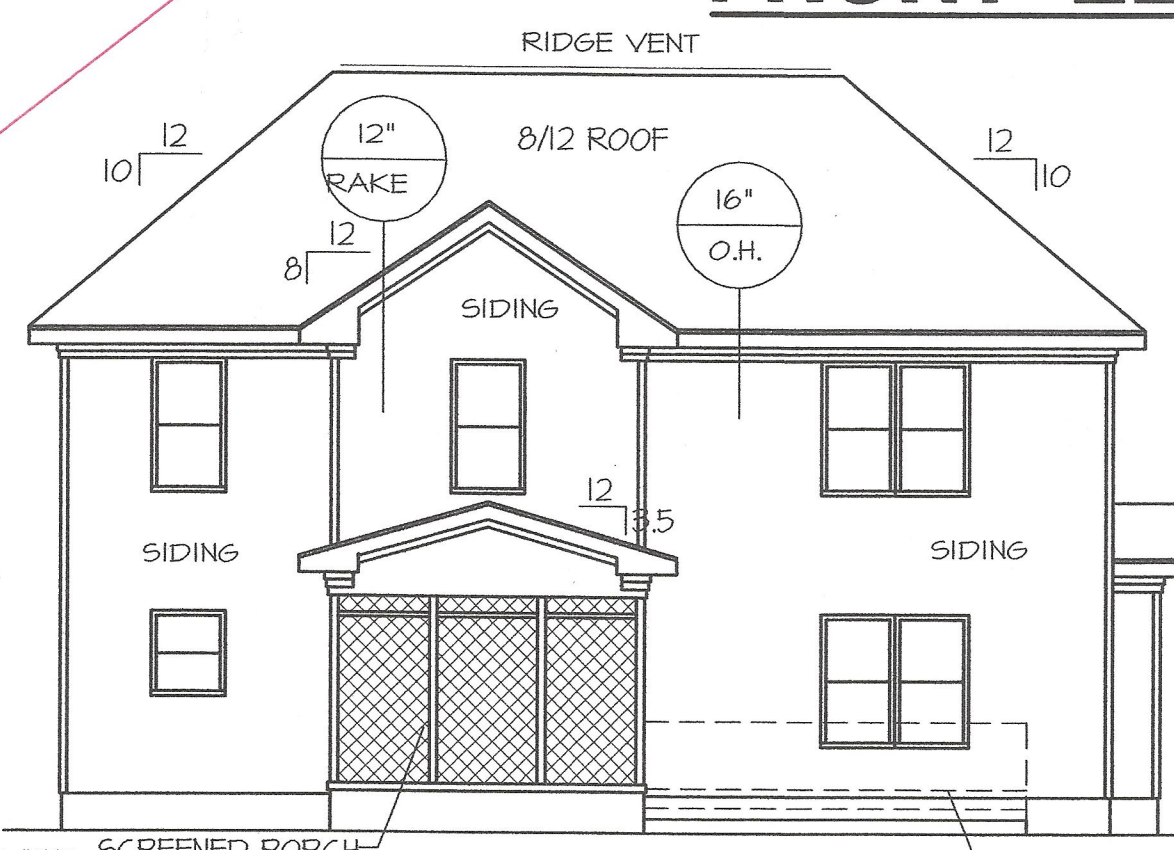
ROOF VENTILATION REQ'MTS.
2006 ATTIC SQ. FT. / 300 = 6.69

PROVIDED ON PLAN
72 L.F. RIDGE VENT = 13.50
231 L.F. SOFFIT VENT = 14.44
TOTAL = 27.94 S.F. FREE NET AREA

*Side Entry Garage
(2) - 2852 Singsles w/
Shutters Added to front
Elevation*

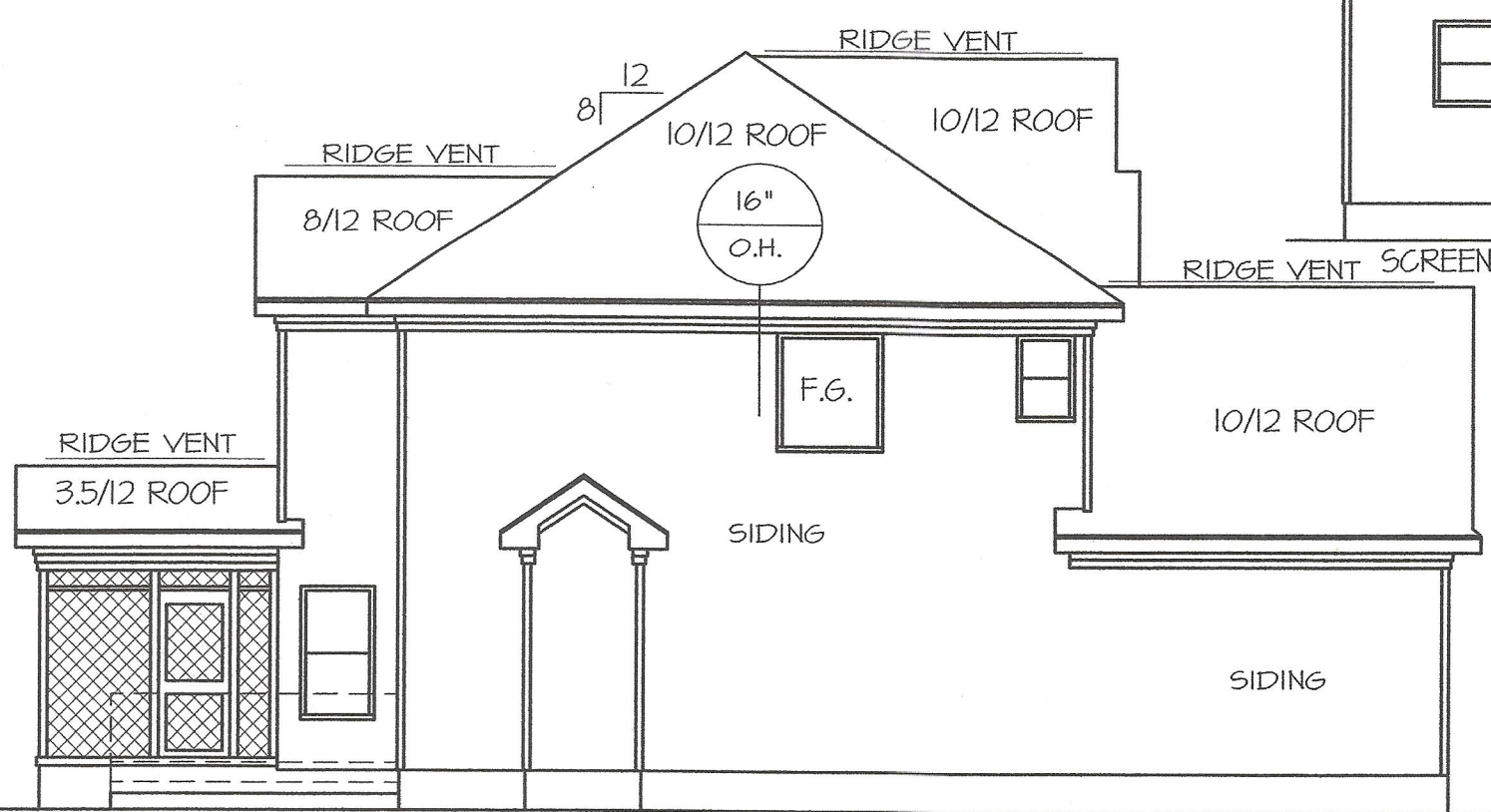
| INSULATION and FENESTRATION REQUIREMENTS | | |
|--|--------|--------------|
| CLIMATE ZONE | ZONE-3 | ZONE-4 |
| FENESTRATION U-FACTOR | 0.35 | 0.35 |
| GLAZED FENESTRATION SHGC | 0.30 | 0.30 |
| MINIMUM CEILING R-VALUE | R-30 | R-38 |
| MINIMUM WALL R-VALUE | R-13 | R-15, I3+2.5 |
| MINIMUM FLOOR R-VALUE | R-14 | R-14 |
| MIN. CRAWL SPACE WALL R-VALUE | 5/10 | 10/13 |
| MIN. SLAB R-VALUE | 0 | R-10 |

PROVIDE STEPS AS REQUIRED
GRADE MAY VARY - BUILDER TO VERIFY



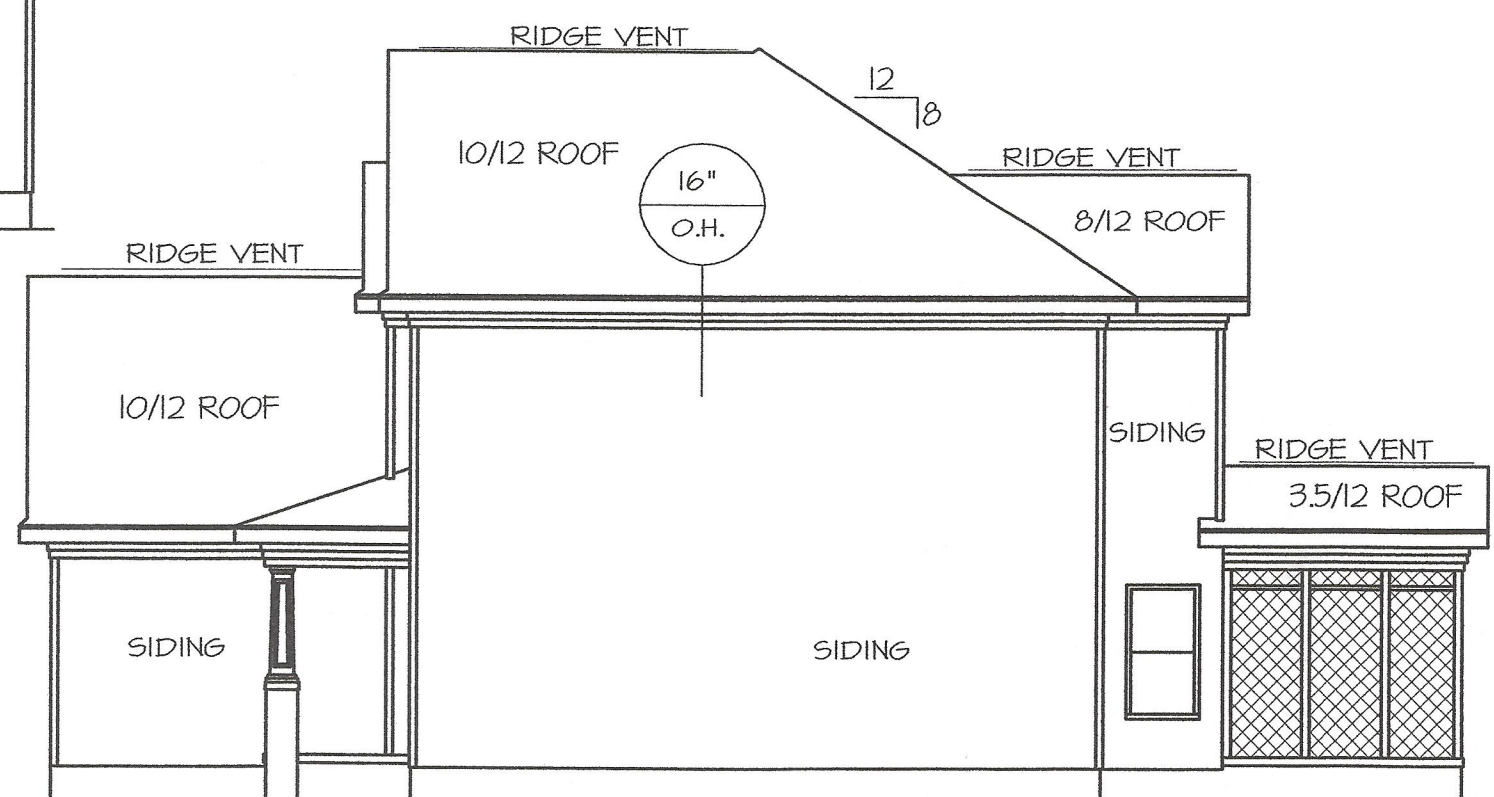
REAR ELEVATION

SCALE: 1/8" = 1'-0"
OPTIONAL W.D. DECK
or CONC. PATIO



LEFT ELEVATION

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



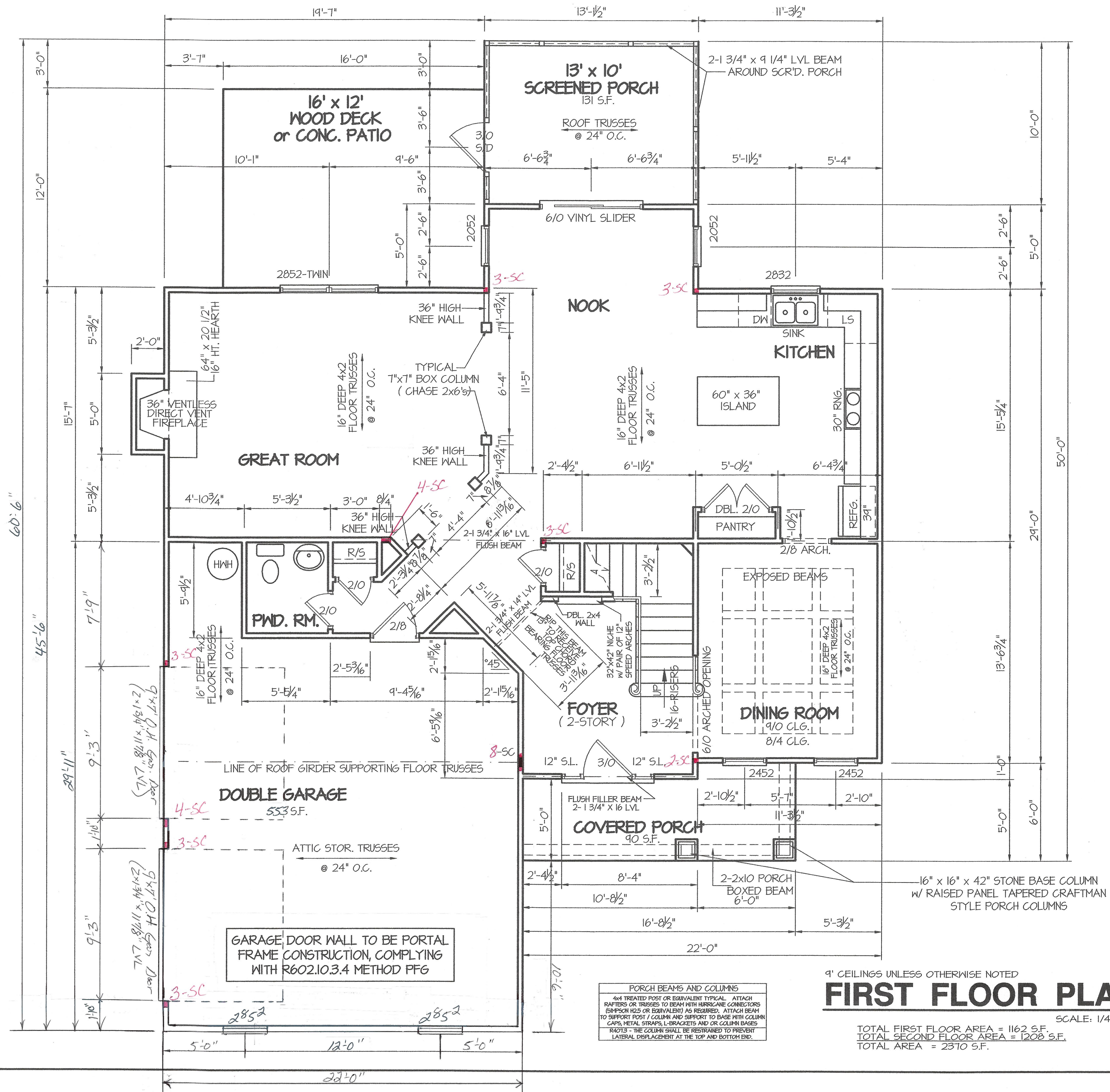
RIGHT ELEVATION

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

THIS PLAN IS DESIGNED TO MEET THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE 2012 EDITION

FILE LOCATION: EASTERN PLANS-2015 NEW PLANS-"SIDNEY"





9' CEILINGS UNLESS OTHERWISE NOTED
FIRST FLOOR PLAN

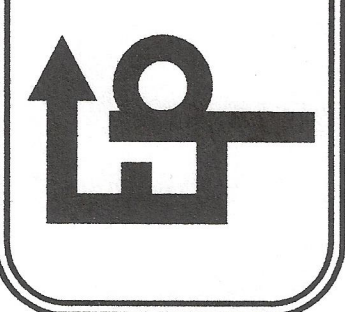
TOTAL FIRST FLOOR AREA = 1162 S.F.
 TOTAL SECOND FLOOR AREA = 1208 S.F.
 TOTAL AREA = 2370 S.F.

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

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SHEET NO.
2



ROOF & FLOOR TRUSSES & BEAMS

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

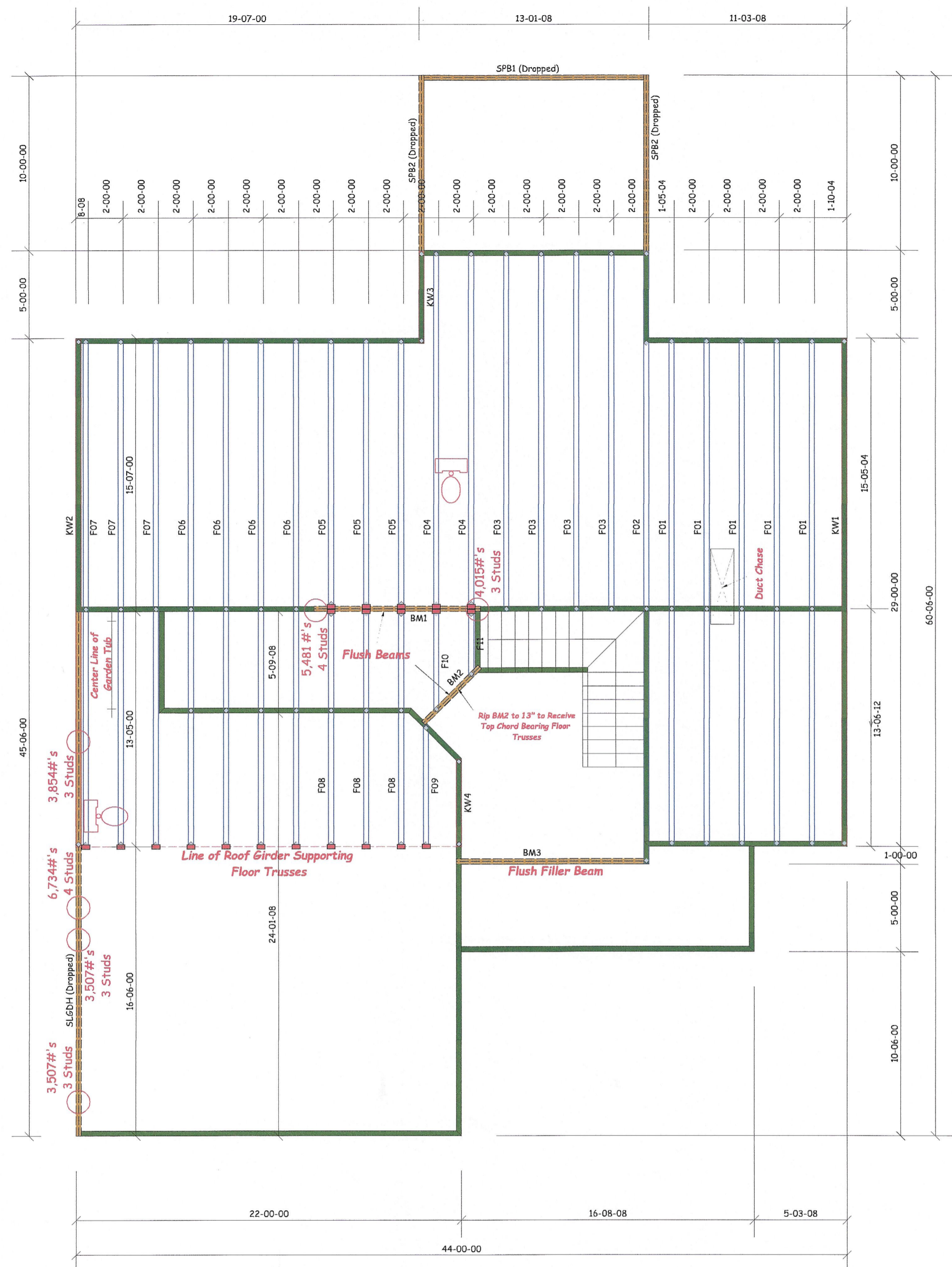
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions 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: Anthony Williams

LOAD CHART FOR JACK STUDS

(BASED ON TABLES MODEL: 2-03)
NUMBER OF JACK STUDS REQUIRED @ EACH END OF HEADERS/BEAMS

| END REACTION (KIP) | NO. STUDS FOR EACH END | END REACTION (KIP) | NO. STUDS FOR EACH END | END REACTION (KIP) | NO. STUDS FOR EACH END |
|--------------------|------------------------|--------------------|------------------------|--------------------|------------------------|
| 1700 | 1 | 2550 | 1 | 3400 | 1 |
| 3400 | 2 | 5100 | 2 | 6800 | 2 |
| 5100 | 3 | 7650 | 3 | 10200 | 3 |
| 6800 | 4 | 10200 | 4 | 13600 | 4 |
| 8500 | 5 | 12750 | 5 | 17000 | 5 |
| 10200 | 6 | 15300 | 6 | | |
| 11900 | 7 | | | | |
| 13600 | 8 | | | | |
| 15300 | 9 | | | | |



HANGER LEGEND

■ = SIMPSON HUS410 / Single 4x Hanger

| PlotID | Length | Products | Plies | Net Qty |
|-----------------|----------|-----------------------------|-------|---------|
| SPB1 (Dropped) | 14-00-00 | 1-3/4"x 9-1/4" LVL Kerto-S | 2 | 2 |
| SPB2 (Dropped) | 11-00-00 | 1-3/4"x 9-1/4" LVL Kerto-S | 2 | 4 |
| SLGDH (Dropped) | 30-00-00 | 1-3/4"x 11-7/8" LVL Kerto-S | 2 | 2 |
| BM2 | 5-00-00 | 1-3/4"x 14" LVL Kerto-S | 2 | 2 |
| BM3 | 11-00-00 | 1-3/4"x 16" LVL Kerto-S | 2 | 2 |
| BM1 | 10-00-00 | 1-3/4"x 16" LVL Kerto-S | 2 | 2 |

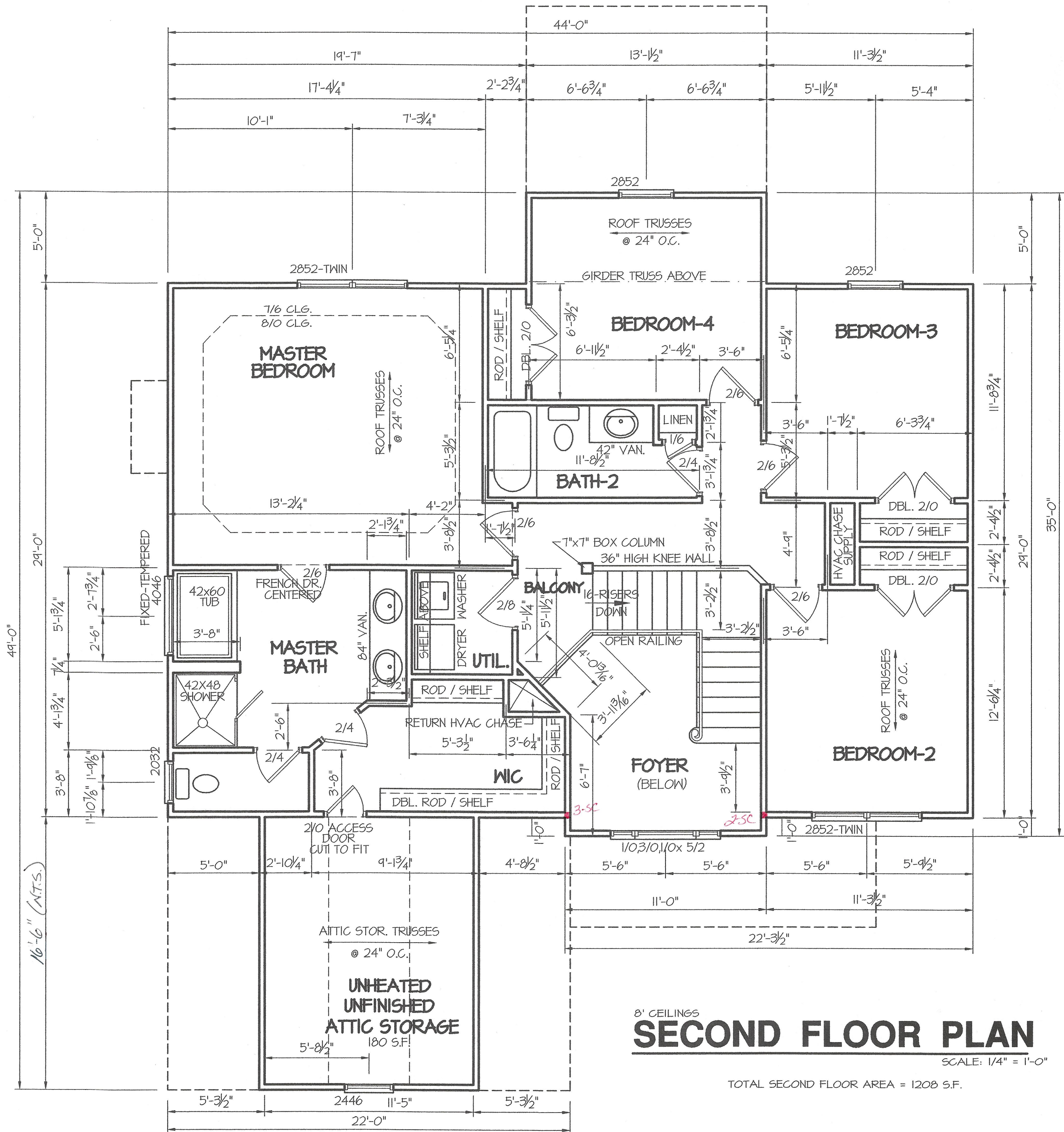
Truss Placement Plan
SCALE: 3/16" = 1'-0"

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

○ -- Denotes Reaction Greater than 3,000 lbs. Reaction / # of Studs

| BUILDER | CITY / CO. | HARNETT CO. |
|------------------|----------------------|------------------|
| Cumberland Homes | Derrick Montague Job | Ball Rd. |
| | Sidney w/ Side Entry | Floor |
| | | / / |
| | | Anthony Williams |
| | | Lenny Norris |
| | | J0220-0577 |

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 @ abcindustry.com



8' CEILINGS
SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"
 TOTAL SECOND FLOOR AREA = 1208 S.F.

DATE:
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SHEET NO.
3



ROOF & FLOOR TRUSSES & BEAMS

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

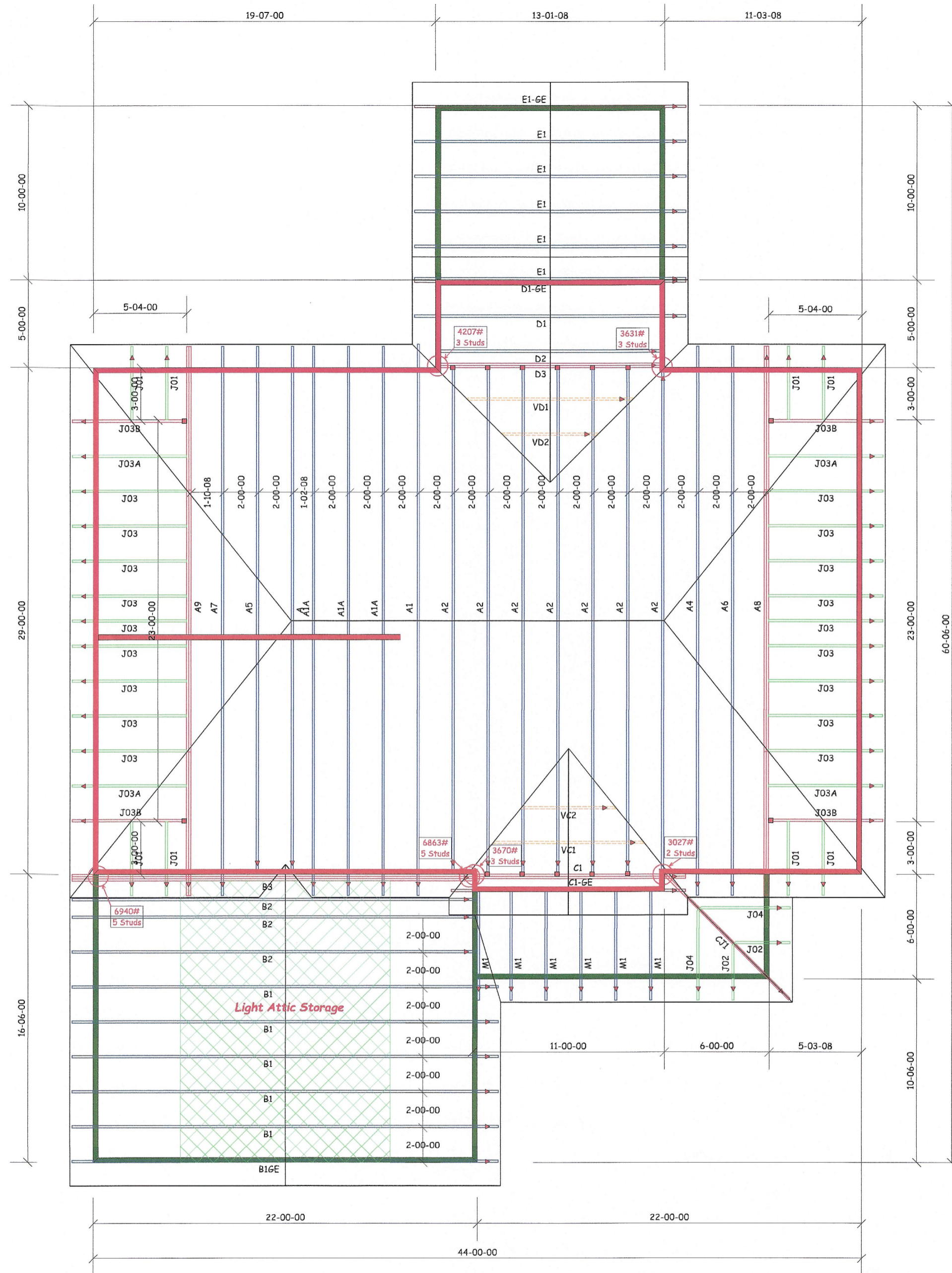
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions 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 *Anthony Williams*
Anthony Williams

LOAD CHART FOR JACK STUDS

(BASED ON TABLES MODELLED @ 2' ON)

| CUB. REACT. (IN CU FT) | NO. OF JACK STUDS PER HEAD/STRIKER | REACT. (LBS) | |
|------------------------|------------------------------------|--------------|------------------|
| | | PER STUD | PER HEAD/STRIKER |
| 1700 | 1 | 2550 | 3400 |
| 3400 | 2 | 5100 | 6800 |
| 5100 | 3 | 7650 | 10200 |
| 6800 | 4 | 10200 | 13600 |
| 8500 | 5 | 12750 | 17000 |
| 10200 | 6 | 15300 | |
| 11900 | 7 | | |
| 13600 | 8 | | |
| 15300 | 9 | | |



Hatch Legend

= 2nd Floor Plate Height

= 1st Floor Plate Height

HANGER LEGEND

= SIMPSON HUS26 / Single 2x Hanger

Truss Placement Plan

SCALE: 3/16" = 1'-0"

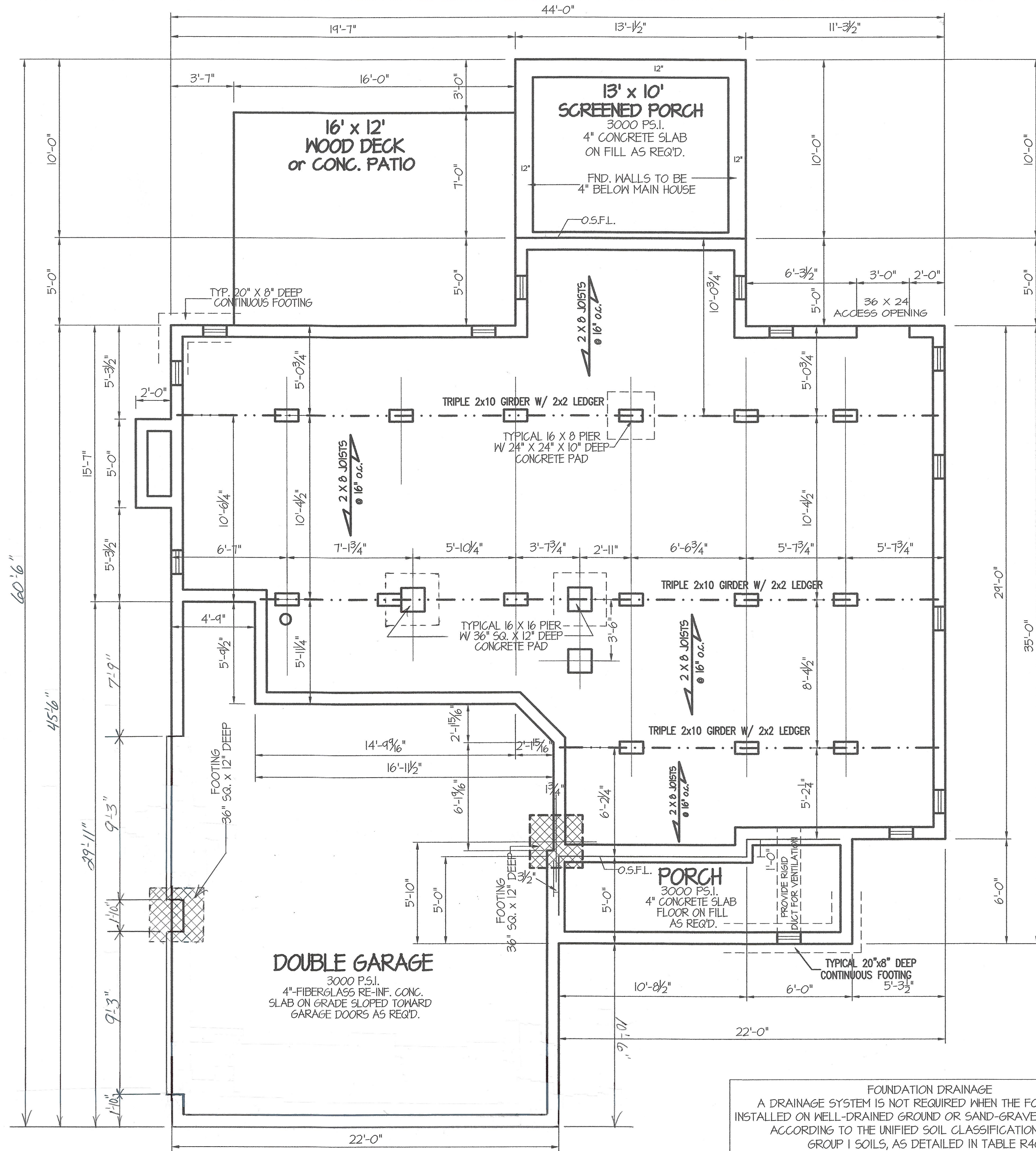
▲ = Denotes Left End of Truss
(Reference Engineered Truss Drawing)
Do Not Erect Trusses Backwards

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

○ -- Denotes Reaction Greater than 3,000 lbs.
Reaction / # of Studs

| | | | |
|-----------|----------------------|------------|-----------------------|
| BUILDER | Cumberland Homes | CITY / CO. | Harnett Co. / Harnett |
| JOB NAME | Derrick Montague Job | ADDRESS | Harnett Co. / Harnett |
| PLAN | Sidney w/ Side Entry | MODEL | Roof |
| SEAL DATE | Seal Date | DATE REV. | / / |
| QUOTE # | Quote # | DRAWN BY | Anthony Williams |
| JOB # | J0220-0576 | SALES REP. | Lenny Norris |

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 ECSI-S1 and ECSI-S3 provided with the truss delivery package or online @ abcIndustry.com



FOUNDATION ANCHORAGE
 THE WOOD SILL PLATE ON PERIMETER SHALL BE ANCHORED TO THE FOUNDATION WALLS WITH ANCHOR BOLTS SPACED A MAXIMUM OF 6' ON CENTER. ANCHOR BOLTS SHALL ALSO BE LOCATED WITHIN 12" FROM THE ENDS OF EACH SECTION. BOLTS SHALL BE AT LEAST 1/2" IN DIAMETER AND SHALL EXTEND A MINIMUM OF 7" INTO MASONRY OR CONCRETE.

NOTES:

- USE 2x6 MUD SILL
- W/ SGL. 2x8 BANDS ON 8" WALLS.
- USE TRIPLE 2x10 GIRDERS W/ 2x2 LEDGERS
- USE 2x8 JOISTS AT 16" o.c., ADD SGL. JOIST UNDER INTERIOR WALLS AS REQ'D.

HOLD ALL PIERS 1/2" BELOW FND. WALLS.

- PROVIDE ACCESS AS REQ'D.
- PROVIDE STEPS AS REQ'D.

FOUNDATION VENTILATION INFORMATION

(MIN. NET AREA CAN BE REDUCED TO 1/1500
 1162 S.F. (CRAWL) x .096 = 111.55 S.I.
 W/ APPROVED 6-mil POLYETHYLENE VAPOR RETARDER OR EQUIVALENT COVERING ALL EXPOSED EARTH IN CRAWL SPACE
 2 - "WITTEN AUTO. VENT" FND. VENTS ARE REQ'D.
 13 - "WITTEN AUTO. VENT" TO BE PROVIDED.

FOUNDATION ANCHORAGE

THE WOOD SOLE PLATE ON SLAB OR THE SILL PLATES ON CRAWL SPACE FND. SHALL BE ANCHORED TO THE FOUNDATION WITH ANCHOR BOLTS SPACED A MAXIMUM OF 6 FEET ON CENTER AND NOT MORE THAN 12 INCHES FROM THE ENDS OF EACH PLATE SECTION AND NOT MORE THAN 12" FROM EACH CORNER.

BOLTS SHALL BE AT LEAST 1/2" IN DIAMETER AND SHALL EXTEND A MINIMUM OF 7 INCHES INTO MASONRY OR CONCRETE.
 BOLTS CAN BE SUBSTITUTED WITH SIMPSON-MASA STRAPS @ 6' O.C. WHEN SLAB FOUNDATIONS ARE USED.

BOX SILL

FOUNDATION PLAN

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

FOUNDATION DRAINAGE
 A DRAINAGE SYSTEM IS NOT REQUIRED WHEN THE FOUNDATION IS INSTALLED ON WELL-DRAINED GROUND OR SAND-GRAVEL MIXTURE SOILS ACCORDING TO THE UNIFIED SOIL CLASSIFICATION SYSTEM, GROUP 1 SOILS, AS DETAILED IN TABLE R405.1

DATE:

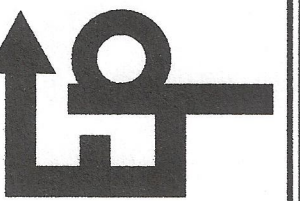
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SHEET NO.

4

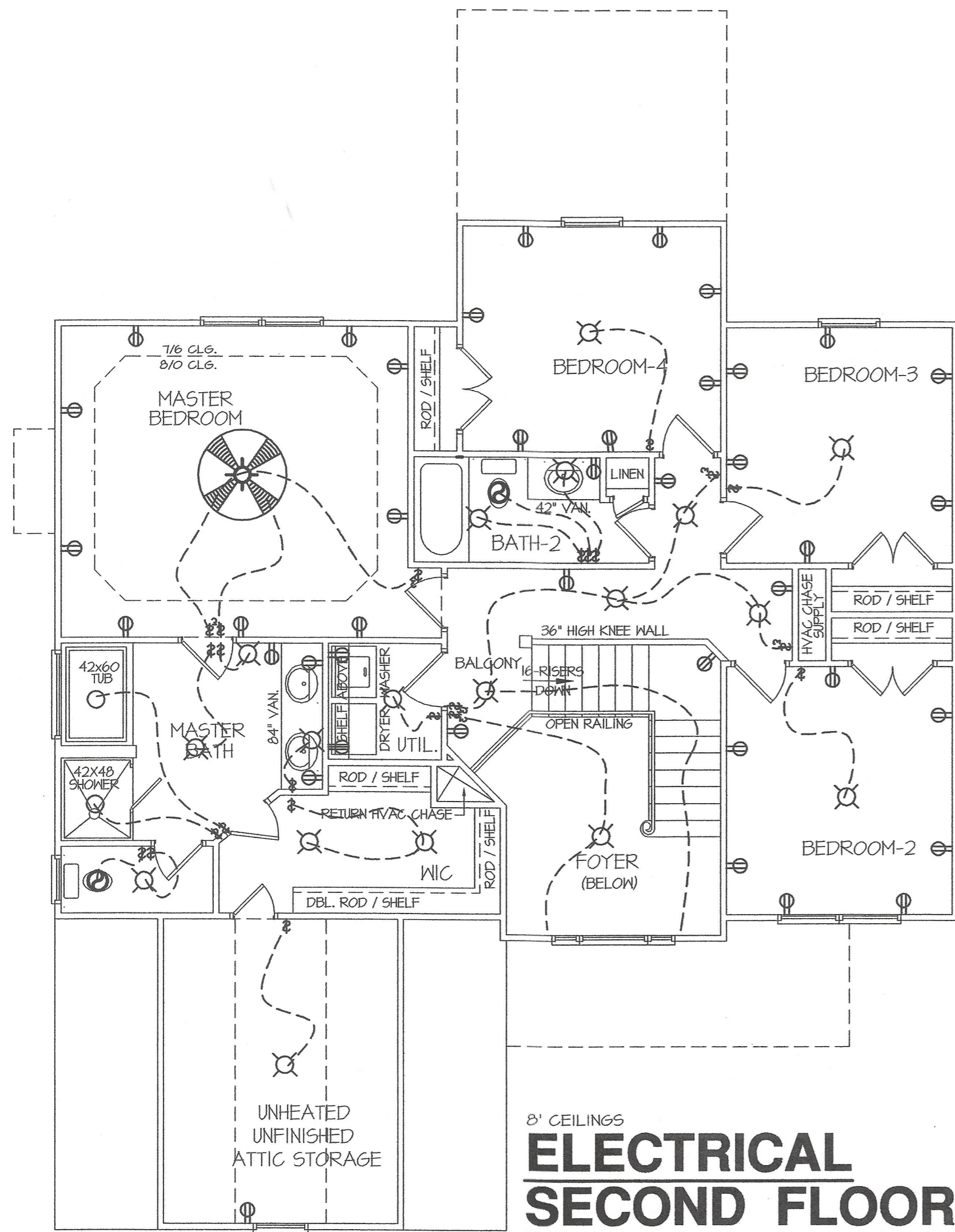


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NOV.-2015

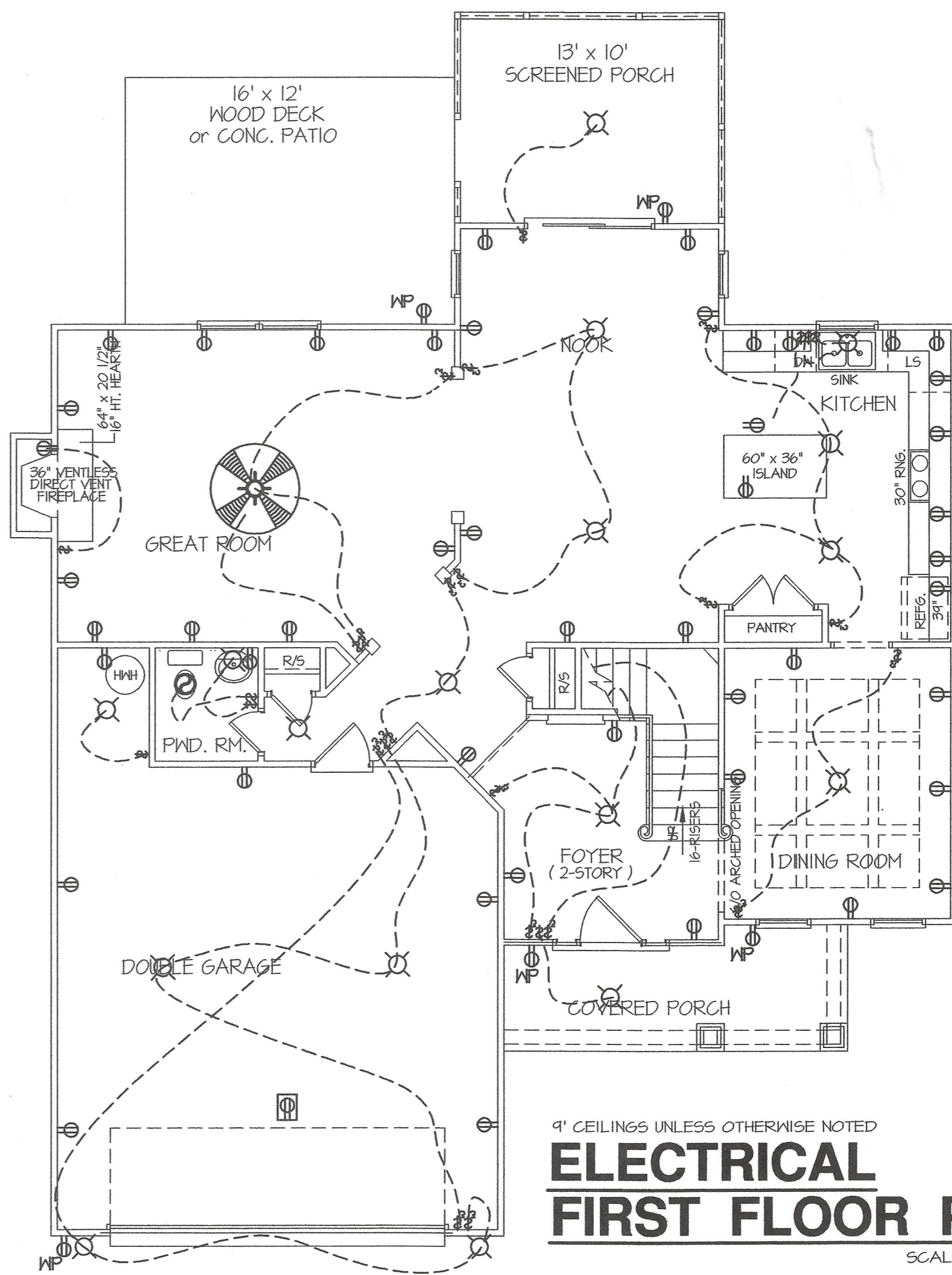
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SHEET NO.
5



8' CEILINGS
**ELECTRICAL
SECOND FLOOR PLAN**
SCALE: 3/16" = 1'-0"



9' CEILINGS UNLESS OTHERWISE NOTED
**ELECTRICAL
FIRST FLOOR PLAN**
SCALE: 3/16" = 1'-0"

TOTAL FIRST FLOOR AREA = 1162 S.F.
TOTAL SECOND FLOOR AREA = 1208 S.F.
TOTAL AREA = 2370 S.F.

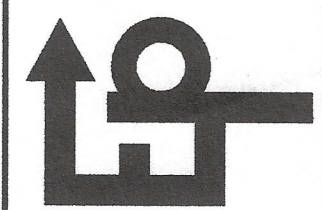
| ELECTRICAL LEGEND | | |
|--|----------------------|---|
| PROVIDE BURGLAR/SMOKE AND FIRE DETECTORS AS PER MANUFACTURER'S SPECIFICATIONS. | | |
| PROVIDE CENTRAL VACUUM SYSTEM AS PER MANUFACTURER'S SPECIFICATIONS. | | |
| ALL FANS ARE TO BE CONTROLLED BY VARSPEED AND DIRECTIONAL SWITCHES | | |
| ⊕ | TYPICAL WALL RECEP. | ⊕ |
| ○ | TOP 1/2 HOT W/SWITCH | ⊕ |
| ⊕ | CEILING RECEPTACLE | ⊕ |
| ⊕ | FLOOR RECEPTACLE | ⊕ |
| ⊕ | WATERPROOF RECEP. | ⊕ |
| ⊕ | GROUND FAULT | ⊕ |
| ⊕ | DISPOSAL UNIT | ⊕ |
| ⊕ | 220 VOLT RECEPTACLE | ⊕ |
| ⊕ | TYPICAL SWITCH | ⊕ |
| ⊕ | 3-WAY SWITCH | ⊕ |
| ⊕ | 4-WAY SWITCH | ⊕ |
| ⊕ | DIMMER SWITCH | ⊕ |
| ⊕ | ELEC. PANEL BOX | ⊕ |
| ⊕ | T.V. CABLE RECEP. | ⊕ |
| ⊕ | TELEPHONE JACK | ⊕ |
| ⊕ | COMPUTER JACK | ⊕ |

DATE:

NOV.-2015

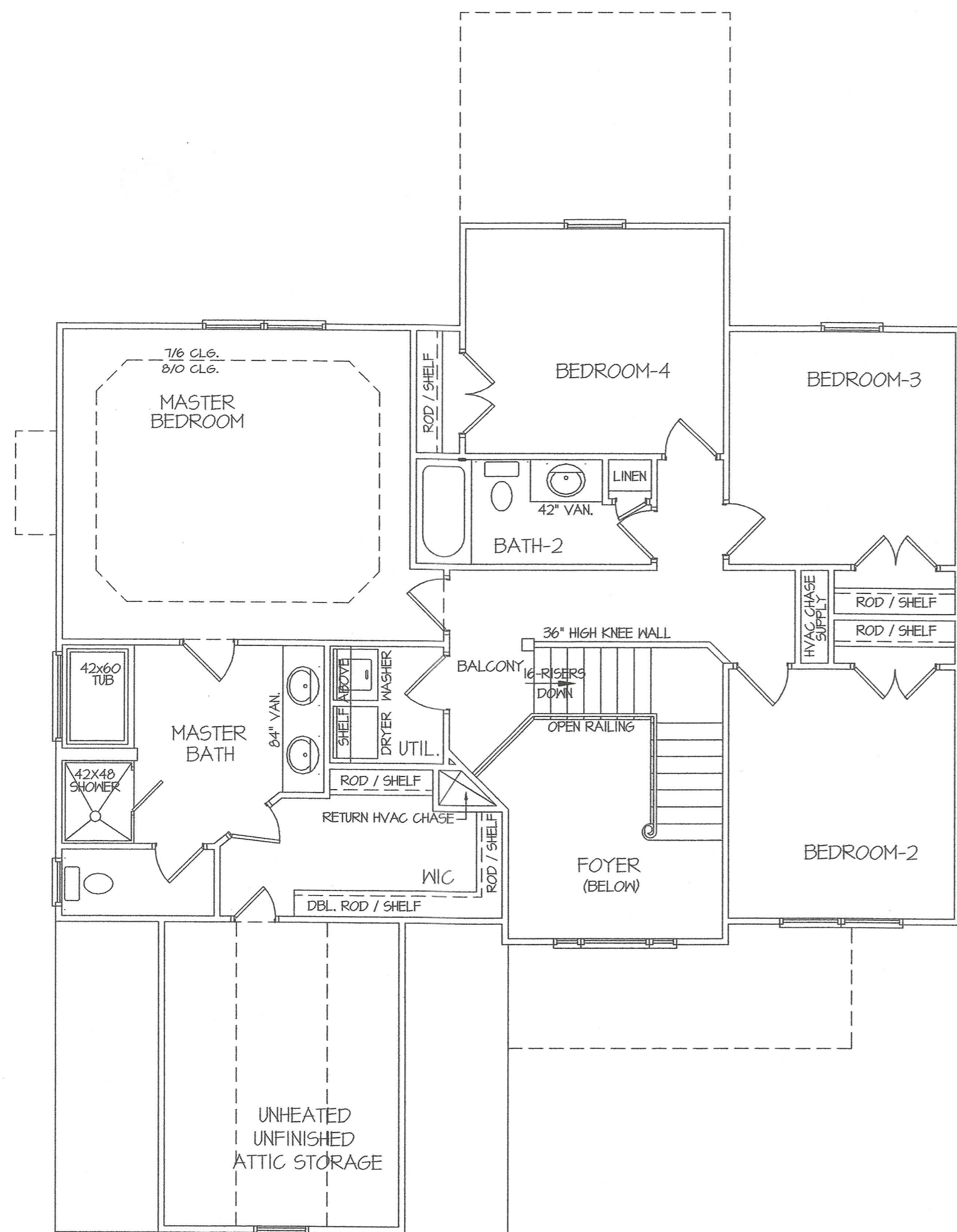
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SHEET NO.

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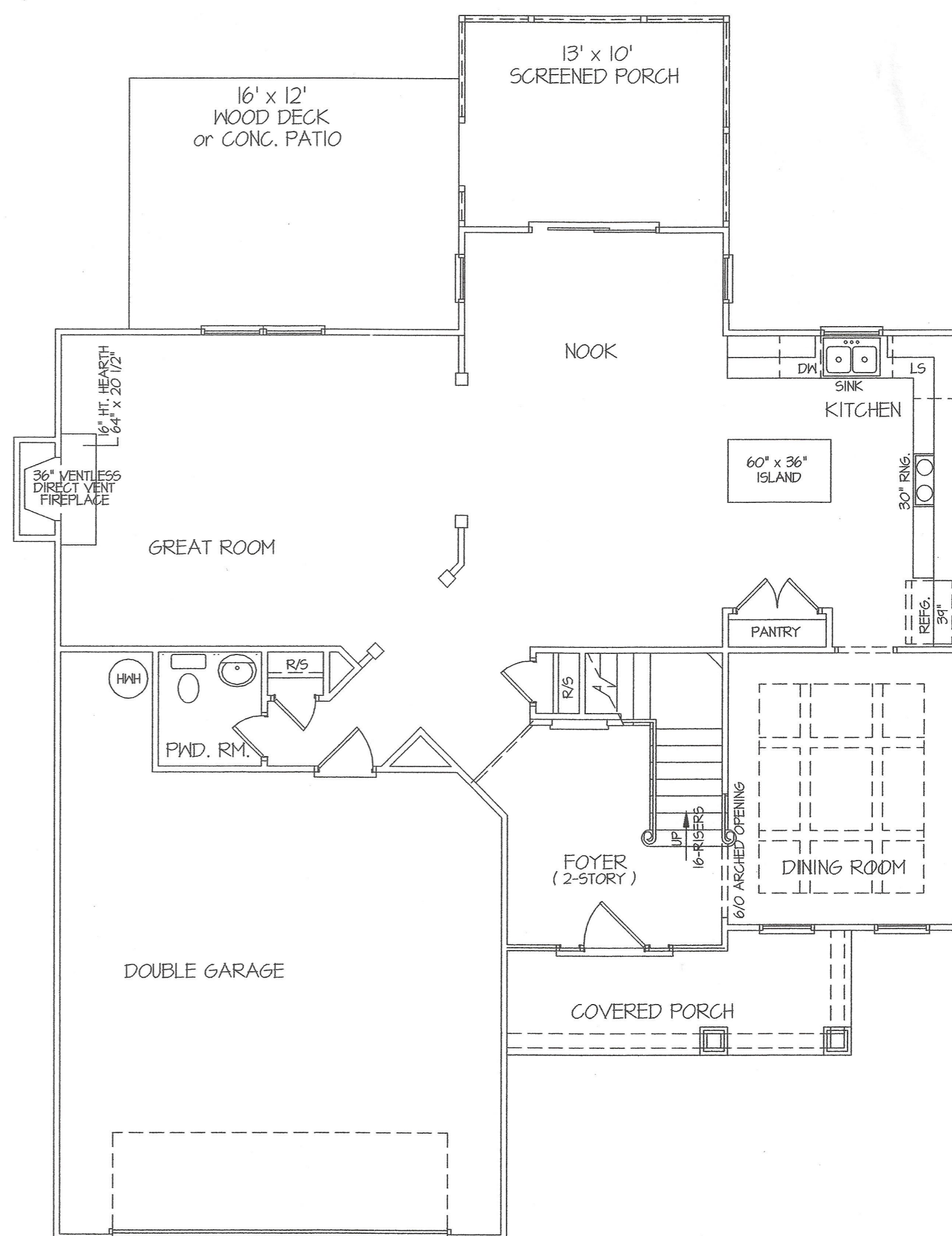
8' CEILINGS

HVAC SECOND FLOOR PLAN

SCALE: 3/16" = 1'-0"

TOTAL HEAT GAIN = 26,938 B.T.U.H.
TOTAL HEAT LOSS = 37,810 B.T.U.H.

TOTAL FIRST FLOOR AREA = 1162 S.F.
TOTAL SECOND FLOOR AREA = 1208 S.F.
TOTAL AREA = 2370 S.F.



9' CEILINGS UNLESS OTHERWISE NOTED

HVAC FIRST FLOOR PLAN

SCALE: 3/16" = 1'-0"

TOTAL HEAT GAIN = 25,680 B.T.U.H.
TOTAL HEAT LOSS = 37,300 B.T.U.H.

NOTE:
HVAC CONTRACTOR TO VERIFY and PROVIDE OWNERS and BUILDER UNIT INFORMATION, BTUH REQUIREMENTS, and DUCT LAYOUTS BEFORE CONSTRUCTION BEGINS.

