

+ 48'-0"  
BOTTOM OF BEAM  
+ 47'-0"  
100 YEAR FLOOD ELEVATION

A Custom Log Home for :

Jane Blais

Columbia Co. Florida

Drawing Index

C5	COVER SHEET, DRAWING INDEX
A1	ELEVATIONS
A2	FIRST FLOOR PLAN W/ NOTES
A3	FIRST FLOOR PLAN DIMENSION PLAN
A4	FOUNDATION PLAN
A5	FIRST FLOOR FRAMING PLAN
A6	ROOF FRAMING PLAN / RAFTER PROFILES
A7	BUILDING SECTION
A8	NOTES

NOTE:  
ALL ELEVATIONS PER NAVD1988 DATUM

ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 301, FLORIDA BUILDING CODE, 2008 EDITION.	
BASIC WIND SPEED:	110 MPH
WIND IMPORTANCE FACTOR (I):	I = 1.00
BUILDING CATEGORY:	CATEGORY II
WIND EXPOSURE:	"B"
INTERNAL PRESSURE COEFFICIENT:	+/- 0.18
MAIN WIND FORCE RESISTANCE DESIGN WIND PRESSURES:	ROOF: - 23.1 PSF WALLS: + 19.2 PSF EAVES: - 32.3 PSF
COMPONENTS & CLADDING PER TABLES 3012(2) (FBC 2006) DESIGN WIND PRESSURES:	OPNGS: + 21.8 / - 29.1 PSF EAVES: - 68.3 PSF ROOF: + 19.9 / - 25.4 PSF

REVISION:  
24MARIO

DRAWN:  
KEB

REVIEWED:  
GJG

Custom Log Home for:  
Jane Blais  
Columbia Co. FL

These drawings, as instruments of service, are the sole property of the architect, and shall remain the property of the architect. No part of these drawings shall be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the architect.

Gary J. Gill, PE 51942  
P.O. Box 187  
130 West Howard St.  
Live Oak FL 32064  
Phone: (386) 362-3678  
Fax: (386) 362-6133  
Auth # 9461

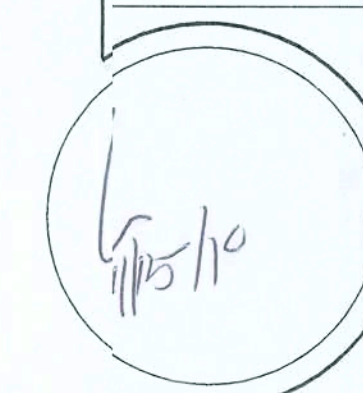


SUWANNEE RIVER  
LOG HOMES, INC.  
Manufacturers  
Specializing in Cypress & Cedar Custom Homes  
4345 HIGHWAY 90 WILLEMSEN, FLORIDA 32094  
904.963.1005/964-11 / 1800.362.1005/964-11

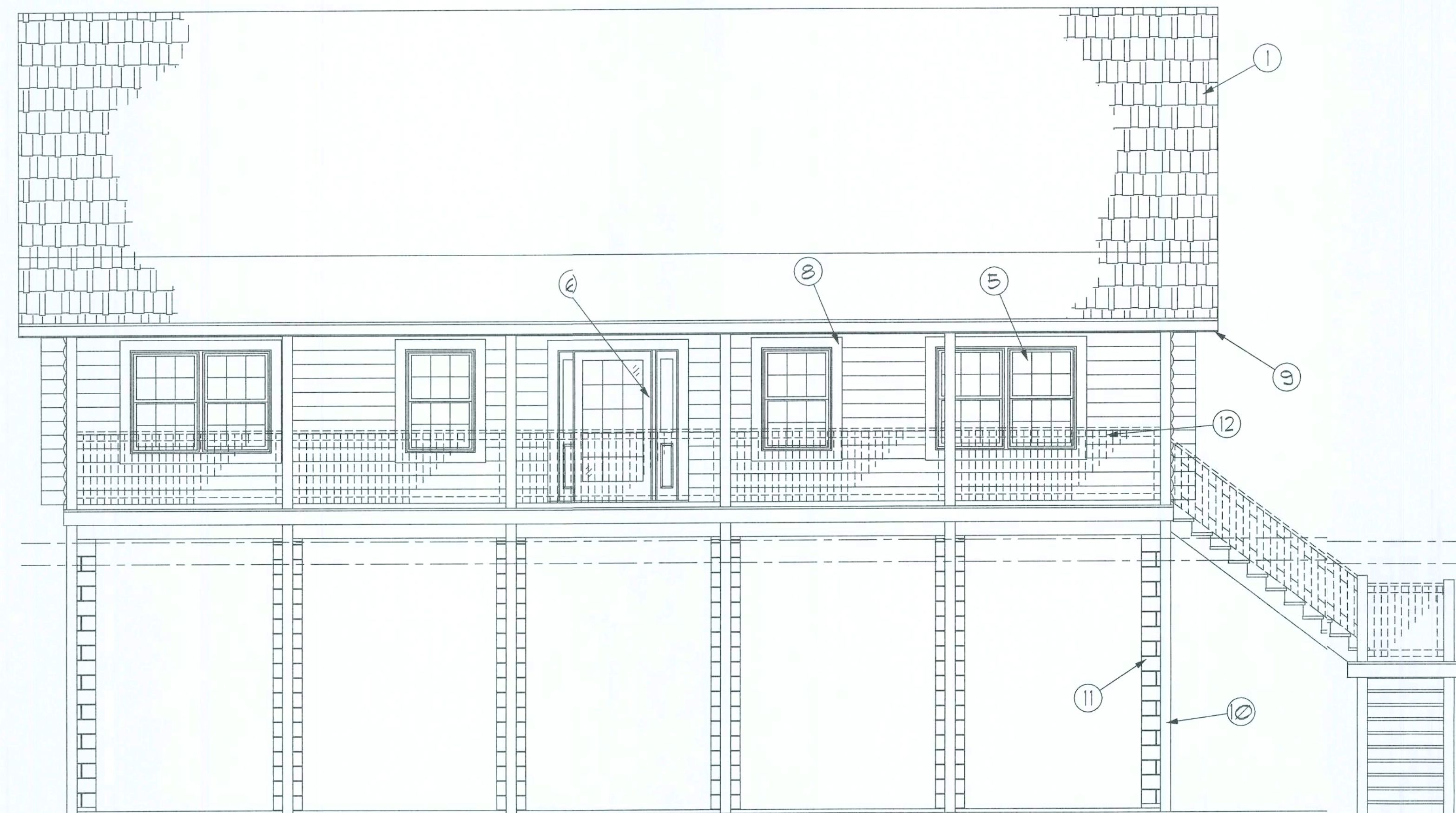
DATE:  
15DEC09

CONTRACT:  
L0921

SHEET:  
C5







Front ELEVATION

SCALE: N.T.S.



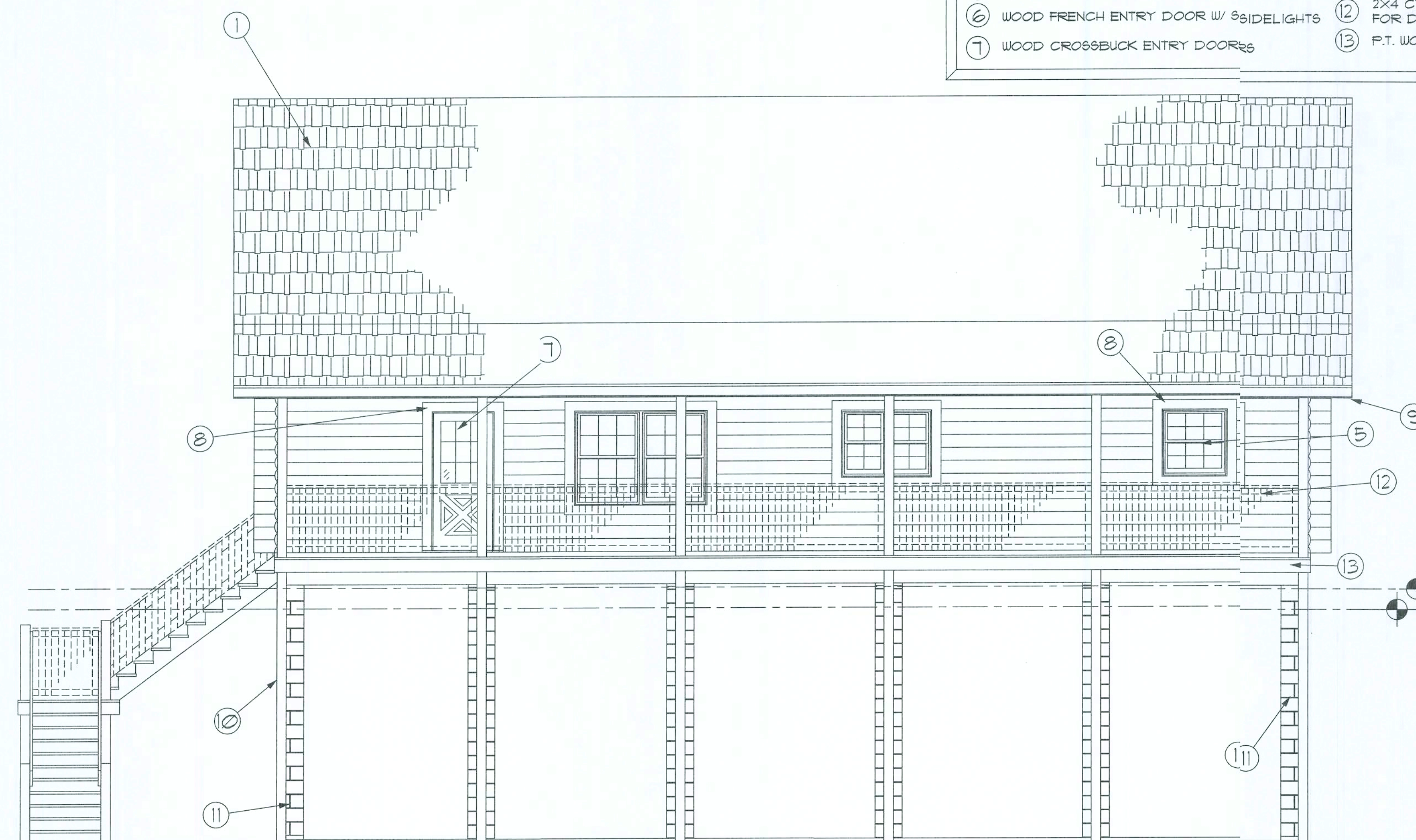
Right Side ELEVATION

SCALE: N.T.S.

GENERAL NOTES:

- |  |  |
|--|--|
| ① FINISH ROOFING AS SELECTED BY OWNER    | ⑧ 1X6 CYPRESS TRIM, AT ALL DOORS & WINDOWS, TYPICAL T.O. |
| ② MTL. FLASHING ON 1X FASCIA             | ⑨ 6X8 CYP. PORCH BEAM                                    |
| ③ 2X BARGE RAFTER - SEE PLANS, FOR SIZE  | ⑩ 6X6 PORCH POSTS PER PLAN                               |
| ④ FULL LOG GABLE ENDS                    | ⑪ MASONRY FOUNDATION - REFER TO PAGE A4 FOR DETAILS      |
| ⑤ DBL. HUNG WOOD WINDOWS W/ DBL. GLAZING | ⑫ 2X4 CYPRESS RAILING - SEE A14 FOR DETAILS              |
| ⑥ WOOD FRENCH ENTRY DOOR W/ SIDELIGHTS   | ⑬ P.T. WOOD DECK   |
| ⑦ WOOD CROSSBUCK ENTRY DOOR              |  |

NOTE:  
ALL ELEVATIONS PER NAVD1998 DATUM



Rear ELEVATION

SCALE: N.T.S.



Left Side ELEVATION

SCALE: N.T.S.

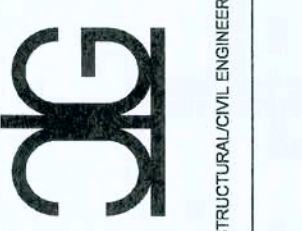
REVISION:  
24-MARIO

DRAWN:  
KEB  
REVIEWED:  
GJG

CUSTOM LOG HOME FOR:  
**Jane Blais**  
Columbia Co. FL

These drawings, as instruments of service, are the sole property of the architect, and may not be used, copied or reproduced in whole or in part for use on or incorporated into any other project without specific and written authorization by the architect.

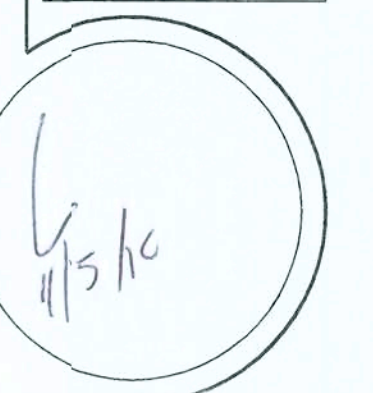
DAVID J. GILL, P.E. 01942  
P.O. Box 187  
130 West Howard St.  
Live Oak FL 32064  
Phone: (386) 362-3678  
Fax: (386) 362-6133  
Auth # 9461



SUWANNEE RIVER  
LOG HOMES, INC.  
Manufacturers  
Specializing in Cypress & Cedar Custom Homes  
4348 HUGGINS RD. WELLSBORO, FLORIDA 32094  
904-963-1008 / 1-800-362-1008

DATE:  
15 DEC 03  
OWNER:  
L0921

SHEET:  
A.1  
1 OF 8





ELECTRICAL PLAN NOTES

PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY

RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT N°. DESCRIPTION & BRKR. SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

ALL RECEPTACLES SHALL BE ON AFCI PROTECTED CIRCUITS EXCEPT DEDICATED CIRCUITS, COUNTERTOP CIRCUITS AND INDICATED GFCI PROTECTED OUTLETS.

SMOKE DETECTOR REQUIREMENTS

SMOKE DETECTORS (SUPPLIED BY OTHERS) MUST BE INSTALLED ADJACENT TO THE BEDROOM AREAS, AND MUST BE INSTALLED ON EACH STORY OF THE HOME INCLUDING BASEMENTS. SMOKE DETECTORS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING AND BE PERMANENTLY WIRED WITHOUT DISCONNECTING SWITCHES. SMOKE DETECTORS TO BE AN APPROVED TYPE IN ACCORDANCE WITH THE NEC 2008 AND NEC 2009.

NOTE!  
CABINETS, COUNTERS, SHELVES AND THE LIKE, SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS OF QUALITY AS OUTLINED IN THE NOTES TITLED "GENERAL MILLWORK NOTES", AND SHALL INCLUDE SUCH FEATURES, HARDWARE AND FINISHES AS DIRECTED BY THE OWNER. THE PLAN VIEWS INDICATED ARE FOR GENERAL LOCATION AND EXTENT OF THE WORK - UNLESS DETAILED CABINET PLANS ARE INCLUDED WITH THIS PLANS PACKAGE ALL OTHER PHYSICAL CHARACTERISTICS SHALL BE AS DIRECTED BY THE OWNER.

NOTE!  
PROVIDE 2X6 BACKING AT ALL OVERHEAD CABINET LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF BACKING TO BE 1"-0" AFF.

NOTE!  
ALL GLASS IN DOORS SHALL BE TEMPERED.

NOTE!  
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC, SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE!  
MOUNT CU & AHU ON 4" THK. CONC. PAD, SIZED TO EXTEND 4" BEYOND EQUIPMENT, ALL AROUND. SECURE EQUIPMENT W/ STL. STRAPS & TEC SCREWS @ EACH CORNER. REINF. SLAB W/ 6X6 @ 10'10" W/M.

NOTE!  
PROVIDE TURNING VANES @ DUCT TURNS & ADJ. EXTRACTORS @ ALL BRANCH DUCT TAPS

PLUMBING "AS-BUILT" DRAWINGS  
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

ELECTRICAL COMPUTATIONS

General Lighting/Receptacles @ 3w/sf  
1500.00 sf x 3w = 4500.0w  
Washer Circuit 1500.0w  
Dishwasher Circuit 1500.0w  
Sm. Appliance Circuits (3 @ 1500w) 4500.0w

Sub-Total 12000.0w  
1st 3kW @ 100% 3000.0w  
Bal. of KW @ 35% 3150.0w

Fixed Appliances:  
Refrigerator 1200.0w  
Cig. Fans (4 @ 200w) 800.0w  
Sump Pump 1200.0w  
Water Well Pump 1200.0w  
EWH 4500.0w  
Spares (8 @ 400w) 3200.0w

Sub-Total 12100.0w  
Load @ 75% D.F. 3075.0w

100% Demand Factor Loads:  
Dryer 5000.0w  
Range 8000.0w  
HVAC System (40T Heat Pump) 4800.0w

Total Demand Load: 33025.0w

FEEDER SIZE: 33025.0w / 240v = 137.60 amperes  
USE: 3 #10 THW w/ 1 #1 Cu GND / 2 1/2" C.  
PANEL: 200A - MLO - 120/240V - 1ø - 4 WIRE

GENERAL NOTES:

1. THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.

2. THE CONTRACTOR AND/OR SUBCONTRACTORS SHALL WARRANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER. DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORKMANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD.

3. AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PURPOSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY THE OWNER.

4. THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VARIOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE OR FEDERAL.

5. THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING OF THE PROJECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.

6. ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.

7. ALL WORK SHALL BE IN ACCORDANCE W/ APPLICABLE CODES AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THIS BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BE REPORTED TO SRLH, INC. IN WRITING PRIOR TO THE COMMENCEMENT OF THE WORK.

8. ALL INSULATION SHALL BE LEFT EXPOSED AND ALL LABELS LEFT INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.

9. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.

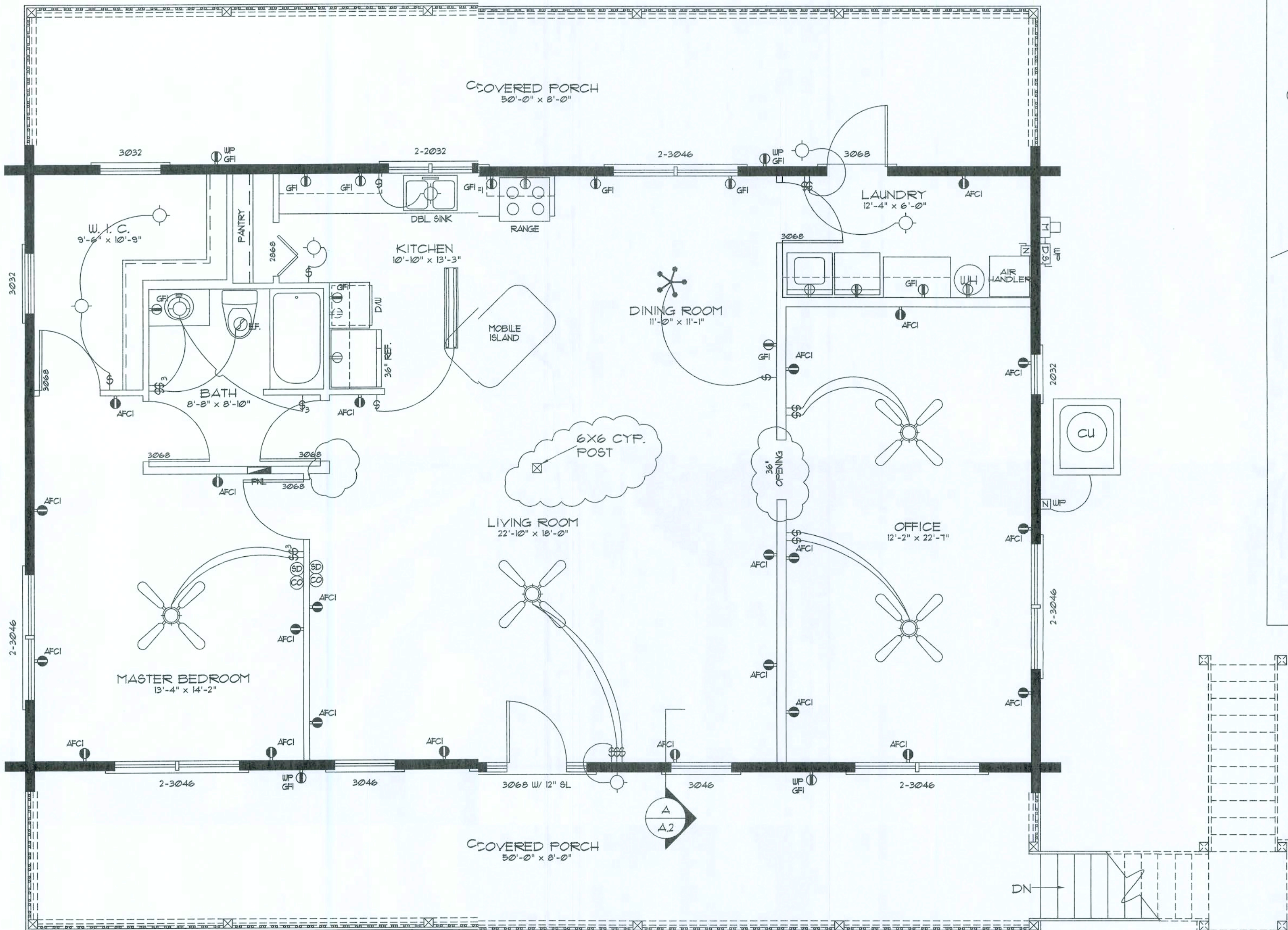
10. INTERIOR BEARING WALLS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", BATT INSULATION SHALL BE INCLUDED WHERE UNCONDITIONED AREA IS BEING SEPARATED FROM HEATED / COOLED AREA.

11. INTERIOR STUD WALLS SEPARATING LIVING AREA FROM GARAGE AREAS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", INCLUDING R-11 BATT INSULATION.

12. CEILINGS OVER ATTACHED GARAGES OR GARAGES W/ LIVING AREA ABOVE SHALL BE 5/8" FIRE CODE "C" GUS ON 1X3 WOOD FURRING AT 16" O.C., ATTACHED W/ 1 1/4" BUGLEHEAD SCREWS @ 6" O.C. ALONG EACH POINT OF BEARING.

13. LOG WALLS SHALL BE ASSEMBLED IN ACCORDANCE WITH AS DETAILS FOUND IN THESE CONSTRUCTION DOCUMENTS, ALONG WITH THE APPLICABLE STRUCTURAL NOTES. LOG ENDS SHALL BE TRIMMED AS REQUIRED FOR A TIGHT, PLUMB AND TRUE FIT - REFER TO AS DETAILS FOR ADDITIONAL INFORMATION.

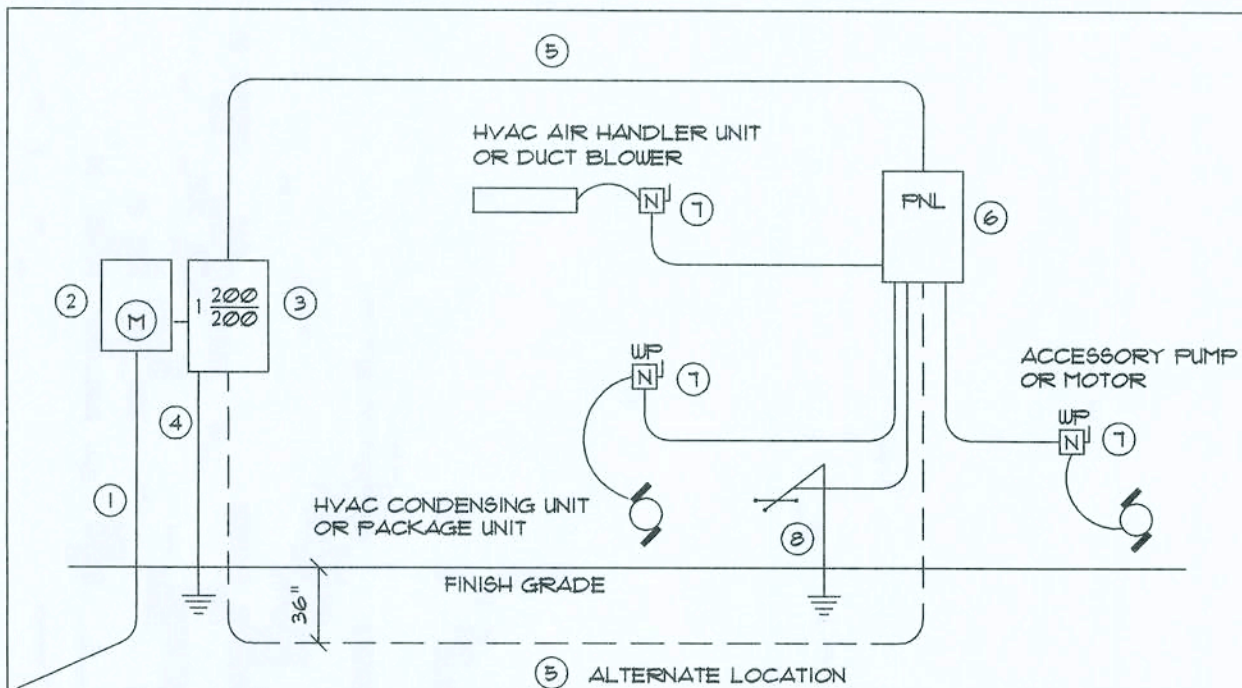
14. ALL REFERENCED CYPRESS MAY BE SUBSTITUTED WITH A SPECIES AND GRADE OF EQUAL OR BETTER PERFORMANCE VALUES.



WINDOW SCHEDULE					
C.O.	R.O.	S.O.	DESCRIPTION	FASTENING	HEADERS
2-2032	4'-3 1/16" x 3'-5 1/8"	2'-0" x 3'-2"	TWIN - DBL HUNG ALUM CLAD WOOD PREMIUM "TILT" WINDOW	8d COMMON NAILS @ 8" O.C.	2'-6x8 "D" LOGS
2-3046	6'-3 1/16" x 4'-5 1/8"	3'-0" x 4'-6"	TWIN - DBL HUNG ALUM CLAD WOOD PREMIUM "TILT" WINDOW	8d COMMON NAILS @ 8" O.C.	2'-6x8 "D" LOGS
2032	2'-2 1/4" x 3'-5 1/8"	2'-0" x 3'-2"	DBL HUNG ALUM CLAD WOOD PREMIUM "TILT" WINDOW	8d COMMON NAILS @ 8" O.C.	1'-6x8 "D" LOGS
3032	3'-2 1/4" x 3'-5 1/8"	3'-0" x 3'-2"	DBL HUNG ALUM CLAD WOOD PREMIUM "TILT" WINDOW	8d COMMON NAILS @ 8" O.C.	1'-6x8 "D" LOGS
3046	3'-2 1/4" x 4'-5 1/8"	3'-0" x 4'-6"	DBL HUNG ALUM CLAD WOOD PREMIUM "TILT" WINDOW	8d COMMON NAILS @ 8" O.C.	1'-6x8 "D" LOGS

DOOR SCHEDULE					
C.O.	R.O.	S.O.	DESCRIPTION	FASTENING	HEADERS
3068	3'-2 5/8" x 6'-1 1/4"	3'-0" x 6'-8"	WOOD CROSSBUCK ENTRY DOOR	8d COMMON NAILS @ 8" O.C.	1'-6x8 "D" LOGS
3068	VERIFY	3'-0" x 6'-8"	WOOD CLAD FRENCH ENTRY DOOR WITH 12" SIDELIGHTS	8d COMMON NAILS @ 8" O.C.	2'-6x8 "D" LOGS

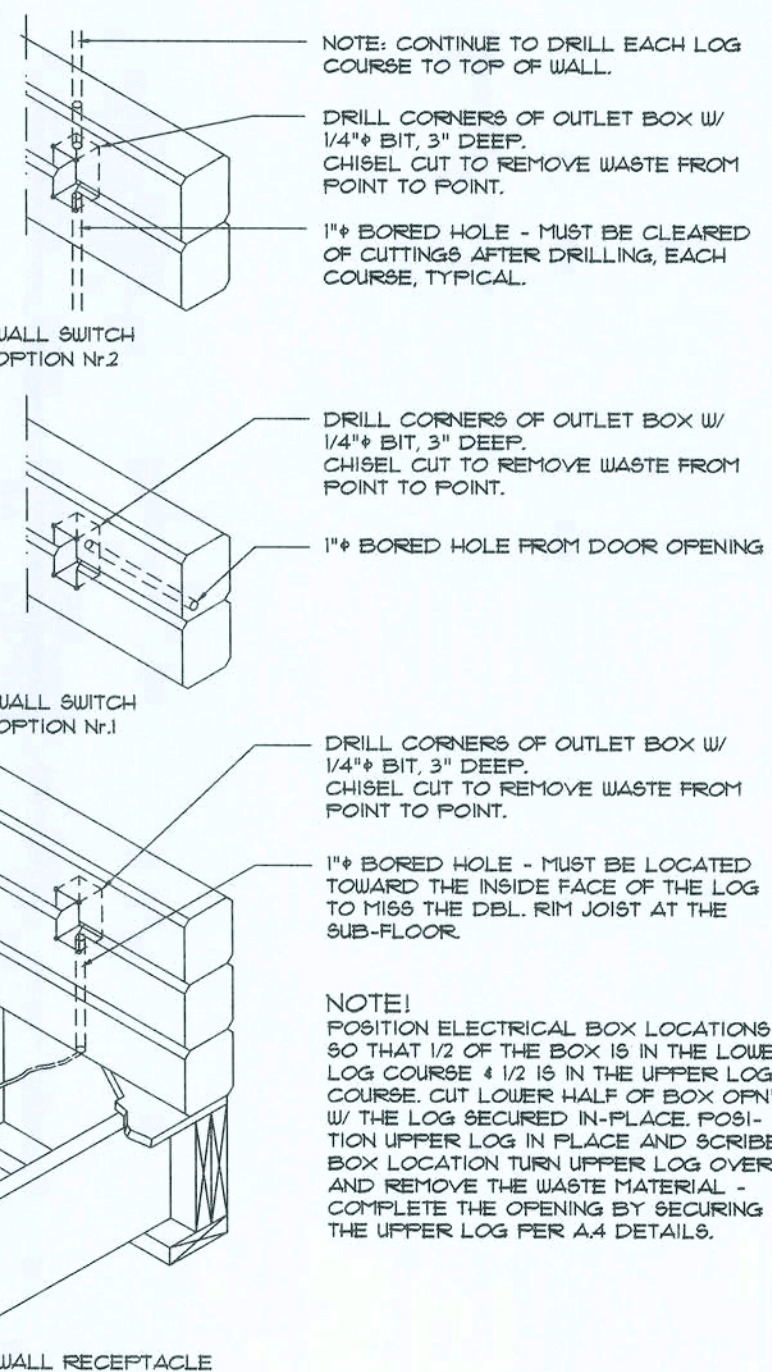
NOTE!  
ALL WINDOW & DOOR ROUGH OPENING SIZES DO NOT INCLUDE THE SUB-BUCKS. ALL WINDOWS & DOORS ARE INSULATED AND WEATHERSTRIPPED AS MANUFACTURED BY "MUNDOUS" (MUNDOUS AND PATIO DOORS CO, ROCKY MOUNT, VIRGINIA, 24181) - OTHER MANUFACTURERS SHALL BE CONSIDERED AS "EQUAL" - OWNER SHALL VERIFY R.O. SIZES REQUIRED.  
NOTE, VERIFY EGRESS WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.  
NOTE, VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.  
NOTE, DO NOT SPLICE LOGS OVER WINDOWS AND DOORS.



- SERVICE/FEEDER ENTRANCE CONDUCTORS: 2 1/2" RIGID CONDUIT, MIN. 36" DEEP, W/ CONTINUOUS GROUND BONDING CONDUCTOR. SERVICE/ENTRANCE CONDUCTORS SHALL NOT BE SPLICED EXCEPT THAT BOLTED CONNECTIONS AT THE METER DISCONNECTING DEVICES AND PANEL SHALL BE ALLOWED.
- METER ENCLOSURE, WEATHERPROOF, UL LISTED.
- MAIN DISCONNECT SWITCH: FUSED OR MAIN BRKR, WEATHERPROOF, UL LISTED.
- SERVICE ENTRANCE GROUND: 3/4" x 1/4" IRON/STEEL ROD X 8'-0" LONG AND CONCRETE ENCASED FOUNDATION STEEL REBAR X 20'-0" LONG. GROUNDING CONDUCTOR SHALL BE BONDED TO EACH PIECE OF SERVICE/ENTRANCE EQUIPMENT, AND SHALL BE SIZED PER ITEM 5, BELOW.
- 200 AMPERE SERVICE: 3-1/2" USE-CU, 1-1/4" CU-GND, 2 1/2" CONDUIT.
- HOUSE PANEL (FNL), UL LISTED, SIZED PER SCHEDULE.
- EQUIPMENT DISCONNECT SWITCH: NON-FUSED, IN WEATHERPROOF ENCLOSURE, SIZE ACCORDING TO PANEL SCHEDULE LOADS.
- PROVIDE GROUND BOND WIRE TO METAL PIPING, SIZE IN ACCORDANCE WITH THE SERVICE GROUND CONDUCTOR.

NOTE!  
THE MINIMUM AIC RATING FOR PANEL BOARDS, BRKRS AND DISCONNECT SWITCHES SHALL BE 22,000 AIC.

ELECTRICAL RISER DIAGRAM: 200A  
SCALE: NONE



NOTE!  
POSITION ELECTRICAL BOX LOCATIONS SO THAT 1/2 OF THE BOX IS IN THE LOWER LOG COURSE & 1/2 IS IN THE UPPER LOG COURSE. CUT LOWER HALF OF BOX OFF W/ THE LOG SECURED IN-PLACE. POSITION UPPER LOG IN PLACE AND SCRIBE BOX LOCATION TURN UPPER LOG OVER AND REMOVE THE WASTE MATERIAL - COMPLETE THE OPENING BY SECURING THE UPPER LOG PER A-4 DETAILS.

Electrical Floor Plan

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

AREA CALCULATION

GROSS LIVING AREA: 1500.00 SF  
COVERED PORCH AREA: 1600.00 SF  
TOTAL AREA: 2200.00 SF

Log Elec. Box DETAIL

SCALE: N.T.S.

REVISION:  
24MAR10

DRAWN:  
KEB

REVIEWED:  
GJG

Custom Log Home for:  
Jane Blais  
Columbia Co. FL

GARY J. GILL, PE 51942  
P.O. Box 187  
130 West Howard St.  
Live Oak FL 32064  
Phone: (386) 362-3678  
Fax: (386) 362-6133  
Auth # 9461



SUWANNEE RIVER  
LOG HOMES, INC.  
Manufacturers  
of Custom & Cedar Custom Homes  
Specializing in Cypress & Cedar  
4345 Highway 902, Wellborn, Florida 32094  
352-283-1030 / 352-283-1171 / 1-800-361-1030

DATE:  
15DEC09

COMM:  
L0921

SHEET:  
A.2  
2 OF 8







# NOTE:

1. FOUNDATION SHOWN IS FOR CLEAN SAND OR ROCK FILL ONLY. OTHER CONDITIONS SHOULD BE DESIGNED BY A LICENSED ENGINEER.
2. ASSUMED SOIL BEARING CAPACITY 1000 PSF.
3. ALL CONCRETE SHALL BE 3000 PSI.
4. ALL ANCHOR STRAPS, POST BASES, ANCHOR BOLTS AND ALL OTHER ASSOCIATED METAL COMPONENTS REQUIRED TO BE PLACED PRIOR TO POURING CONCRETE. BY THE PLANS AND/OR PERMIT ISSUING AUTHORITY, SHALL BE PROVIDED BY THE CONTRACTOR.

5. LOG ASSEMBLY METAL COMPONENTS, ALONG W/ GALVANIZED COMMON NAILS (8d THRU 16d) MAY BE PROVIDED BY SRLH, INC. - VERIFY W/ SALES AGREEMENT PRIOR TO ORDERING.

6. ALL OTHER FRAMING CONNECTORS AND THE ASSOCIATED THRU-BOLTS AND/OR LAG SCREWS, REQUIRED BY THE PLANS AND/OR PERMIT ISSUING AUTHORITY, SHALL BE PROVIDED BY THE CONTRACTOR.

7. TOP OF FOOTING TO BE BELOW LOCAL FROST LINE
8. ALL REINFORCEMENT TO BE MIN. 40 DEFORMED BARS LAPPED A MIN. OF 30 BAR DIA.
9. ALL EXTERIOR DECK JOISTS, NAILERS, GIRDERS AND DECKING TO BE PRESSURE TREATED.

NOTE:  
ADDED FILL SHALL BE APPLIED IN 8" LIFTS - EA. LIFT SHALL BE COMPACTED TO 95% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.

NOTE:  
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR. SHALL PROVIDE 1 COPY OF AS-BUILT DUGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE:  
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOG, SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONTR. SHALL PROVIDE 1 COPY OF AS-BUILT DUGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

## TERMITE PROTECTION NOTES:

### SOIL CHEMICAL BARRIER METHOD:

1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL.
2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS.
3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS.
4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6".

EXCEPTION: PAINT AND DECORATIVE CEMENTIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL.

5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE.

6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED.

7. BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT.

8. MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED.

9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT.

10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS.

11. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED.

12. ALL BUILDINGS ARE REQUIRED TO HAVE PRE-CONSTRUCTION TREATMENT.

13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES."

14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL.

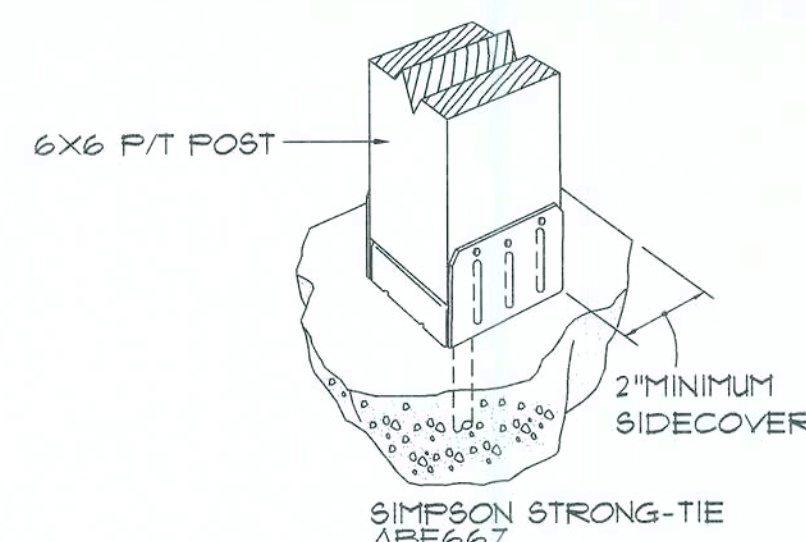
15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING.

## FOOTING SCHEDULE

- 12" X 12" X CONT. GRADE BEAM, W/ 2 #5 REBAR CONTINUOUS
- 30" SQ. X 8" THK. AD. FOOTING, W/ 3 #5 EA. WAY, BOTOM
- 24" SQ. X 8" THK. AD. FOOTING, W/ 2 #5 EA. WAY, BOTOM
- 16" SQ. X 8" THK. AD. FOOTING, W/ 2 #5 EA. WAY, BOTOM
- 40" SQ. X 12" THK. AD. FOOTING, W/ 3 #5 EA. WAY, BOTOM

## PIER / POST SCHEDULE

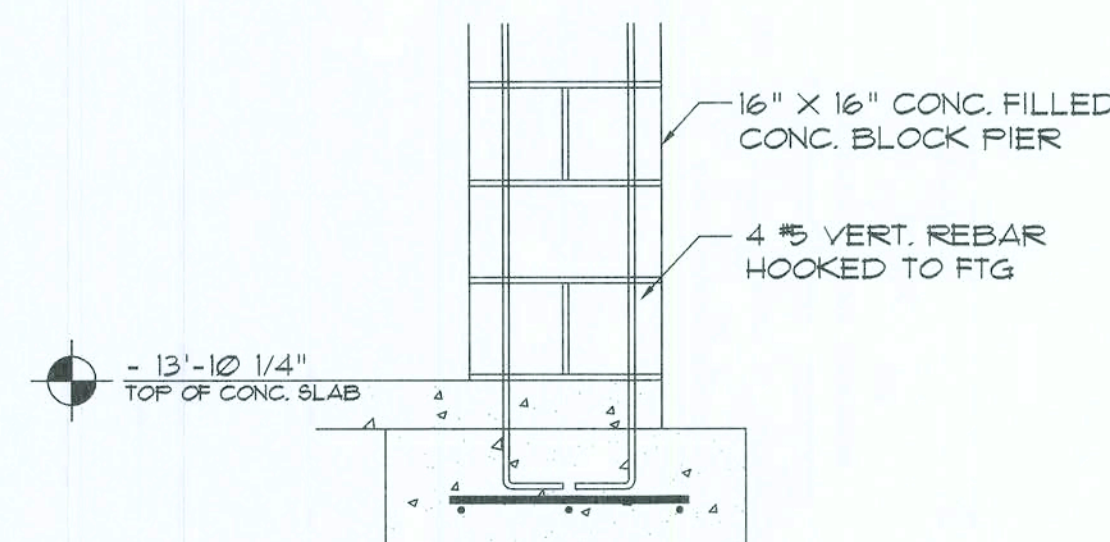
- 6X6 CYPRESS P&T
- 6X6 P/T POST
- 3-2X6 BUILT-UP P&T
- 16" X 16" CONC. FILLED CONC. BLOCK PIER W/ 2 #5 VERT. REBR HOOKED TO FTG



## Post Base Anchor

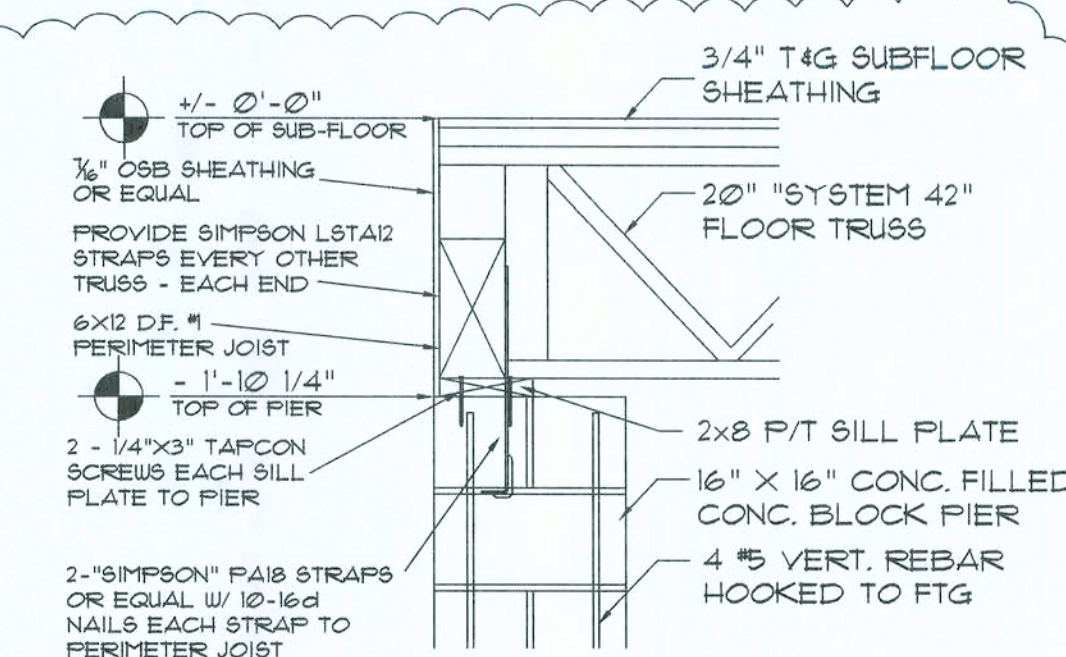
SCALE: N.T.S.

SECURE POSTS W/ "SIMPSON" ABE66 POST BASE ANCHORS & 5/8" ANCHOR BOLTS SEE DETAIL A/A4



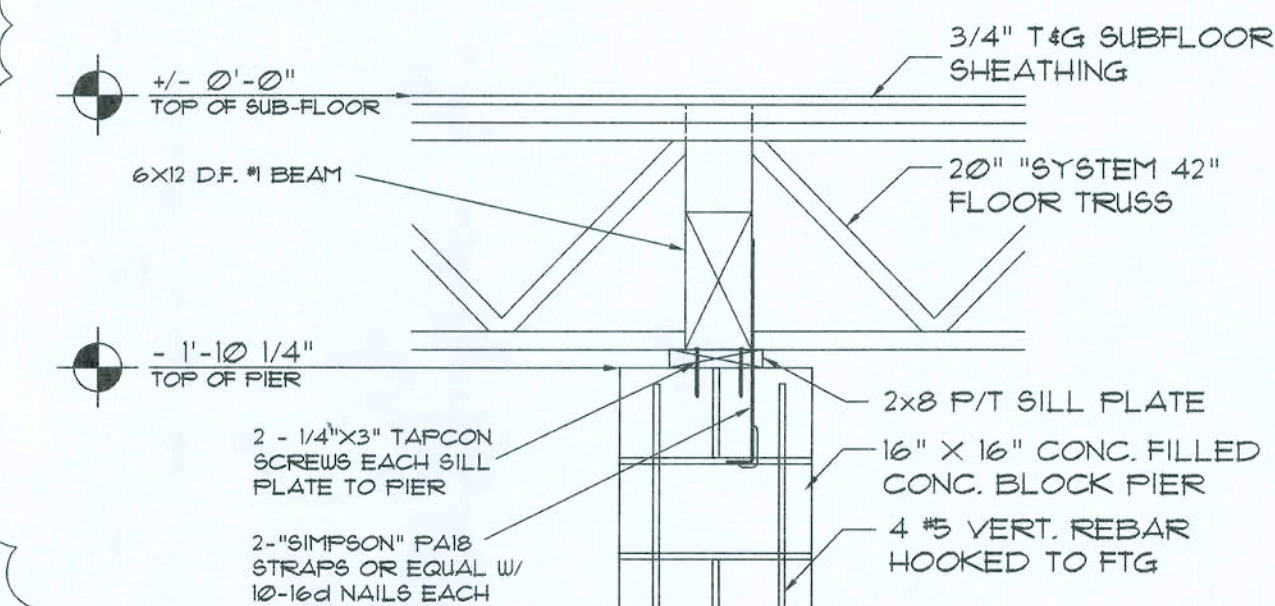
## Footing/Pier DETAIL

SCALE: 3/4" = 1'-0"



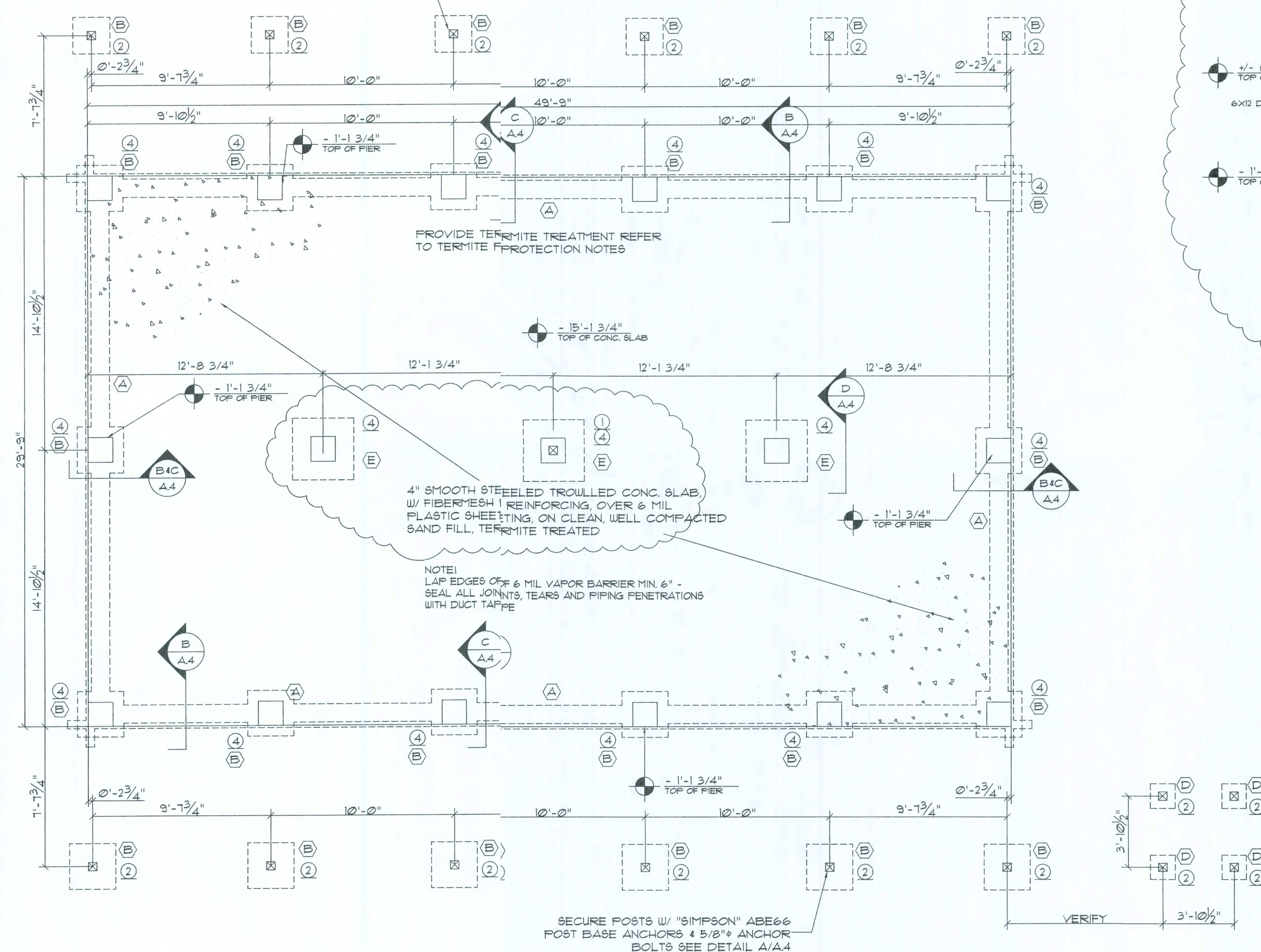
## Pier DETAIL

SCALE: 3/4" = 1'-0"



## Pier DETAIL

SCALE: 3/4" = 1'-0"



SECURE POSTS W/ "SIMPSON" ABE66 POST BASE ANCHORS & 5/8" ANCHOR BOLTS SEE DETAIL A/A4

## Foundation Plan

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

## REVISION:

24MARIO

## DRAWN:

KEB

## REVIEWED:

GJG

Custom Log Home for:

Jane Blais  
Columbia Co. FL

These drawings, as instruments of service, are the sole property of the architect, and may not be used, copied or reproduced in whole or in part for use on or for any other project without specific and individual authorization by the architect.

Gary J. Gill, P.E. 01942  
P.O. Box 187  
130 West Howard St.  
Live Oak FL 32064  
Phone: (386) 362-3678  
Fax: (386) 362-6133  
Auth # 8461



SUNAWEE RIVER  
LOG HOMES, INC.  
Manufacturers  
Specializing in Cypress & Cedar Custom Homes  
4348 Highway 962, U.S. 90, Live Oak, FL 32064-2204  
(386) 362-3678 / (386) 362-6133

## DATE:

15DEC09

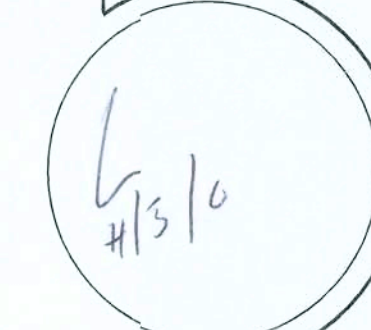
## COMM:

L0321

## SHEET:

A.4

4 of 8





# PIER / POST SCHEDULE

- ① 6X6 CYPRESS POST
- ② 6X6 P/T POST
- ③ 3-2X6 BUILT-UP POST
- ④ 16" X 16" CONC. FILLED CONC. BLOCK  
W/ 2 #5 VERT. REBAR HOOKED TO FTG

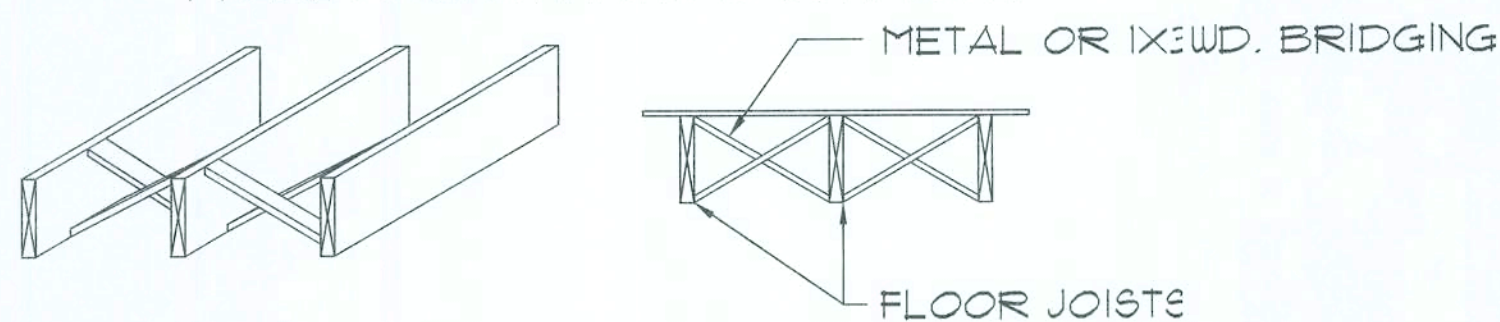
NOTE:  
ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

NOTE:  
REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.

NOTE:  
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

NOTE REGARDING PORCH/DECK HANGERS:  
ALL SIMPSON CONNECTORS SHALL BE ZMAX COATED WHERE IN CONTACT WITH PRESSURE TREATED LUMBER

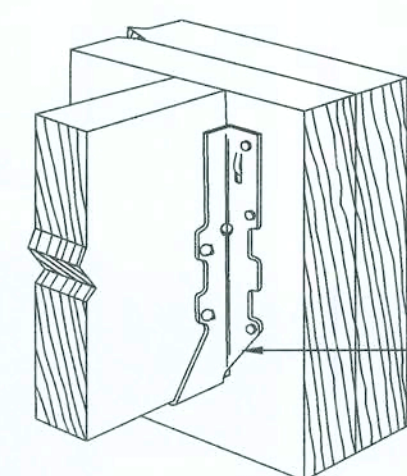
NAIL BRIDGING STRIPS AT TOP, BUT NOT AT BOTTOM, INSTALL SUB-FLOOR THEN SECURELY NAIL BRIDGING IN PLACE AFTER FRAMING IS COMPLETE.



NOTE: ALTERNATE BRIDGING MAY BE ACCOMPLISHED W/ SECTIONS OF FLOOR JOIST MATERIAL PLACED PERPENDICULAR TO JOISTS, STAGGERED ALONG THE LINE OF BRIDGING.

## Cross Bridging

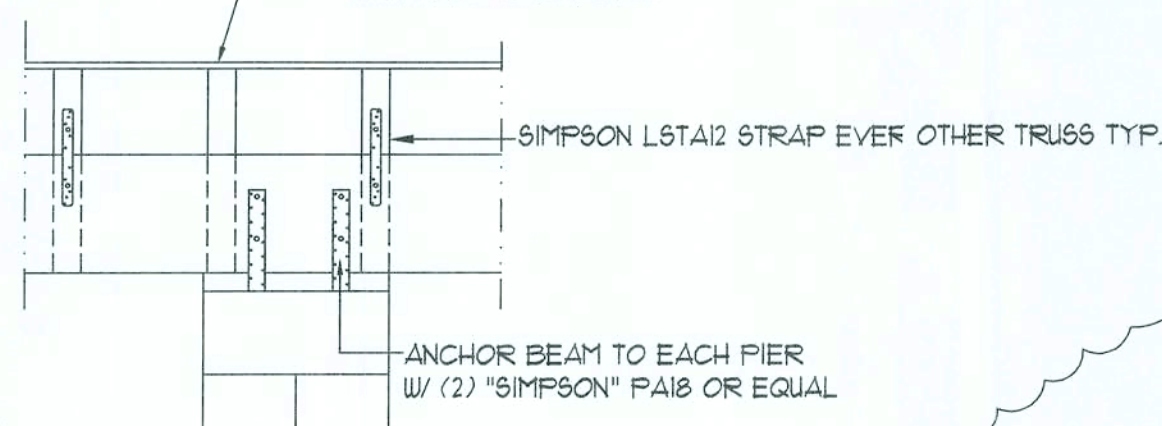
SCALE: N.T.S.



## Floor Framing

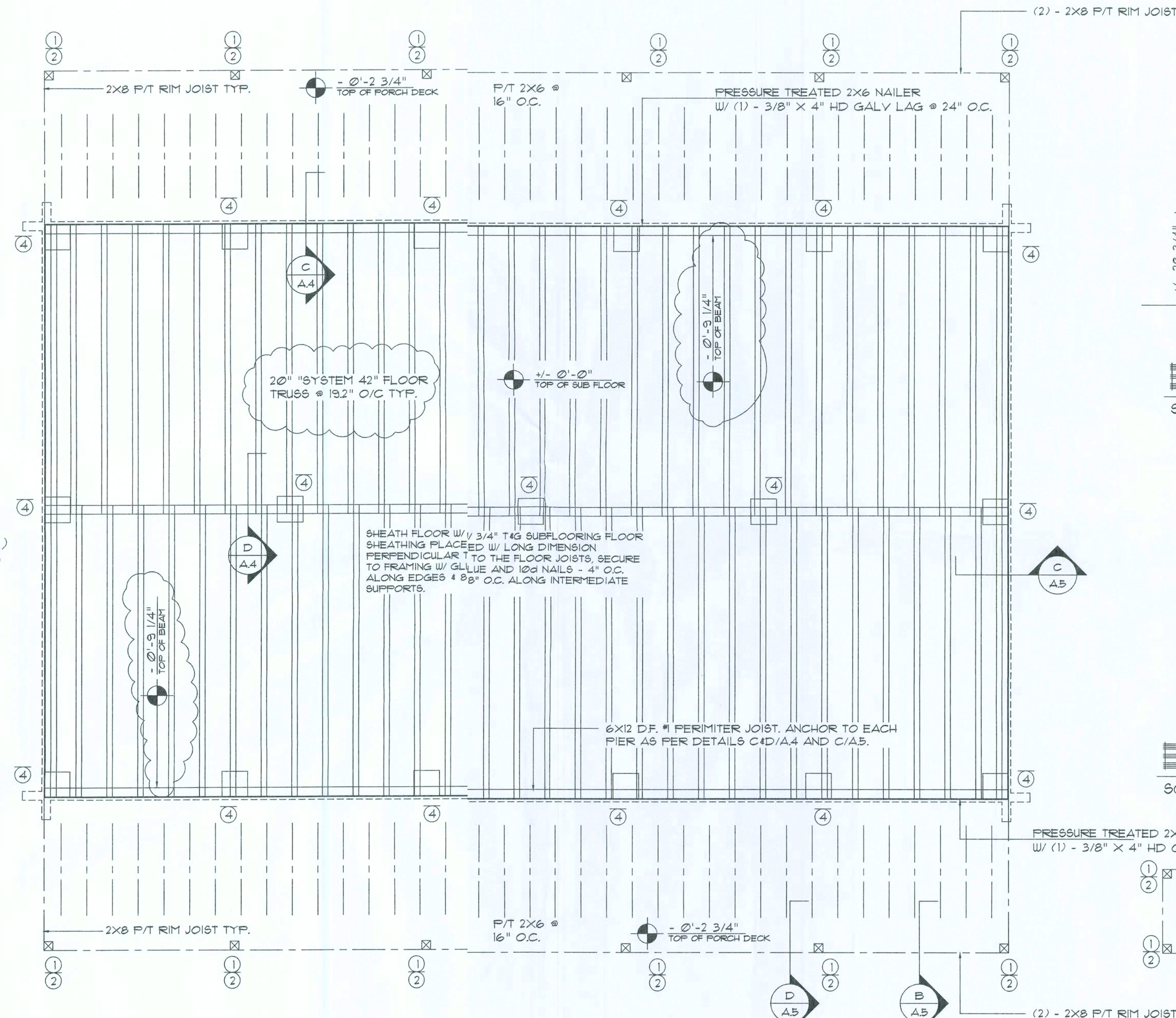
SCALE: N.T.S.

SHEATH FLOOR W/ 3/4" TAG SUBFLOORING PLACED W/ LONG DIMENSION PERPENDICULAR TO THE FLOOR TRUSSES, SECURE TO FRAMING W/ 10d NAILS - 4" O.C. ALONG EDGES & 8" O.C. ALONG INTERMEDIATE SUPPORTS.



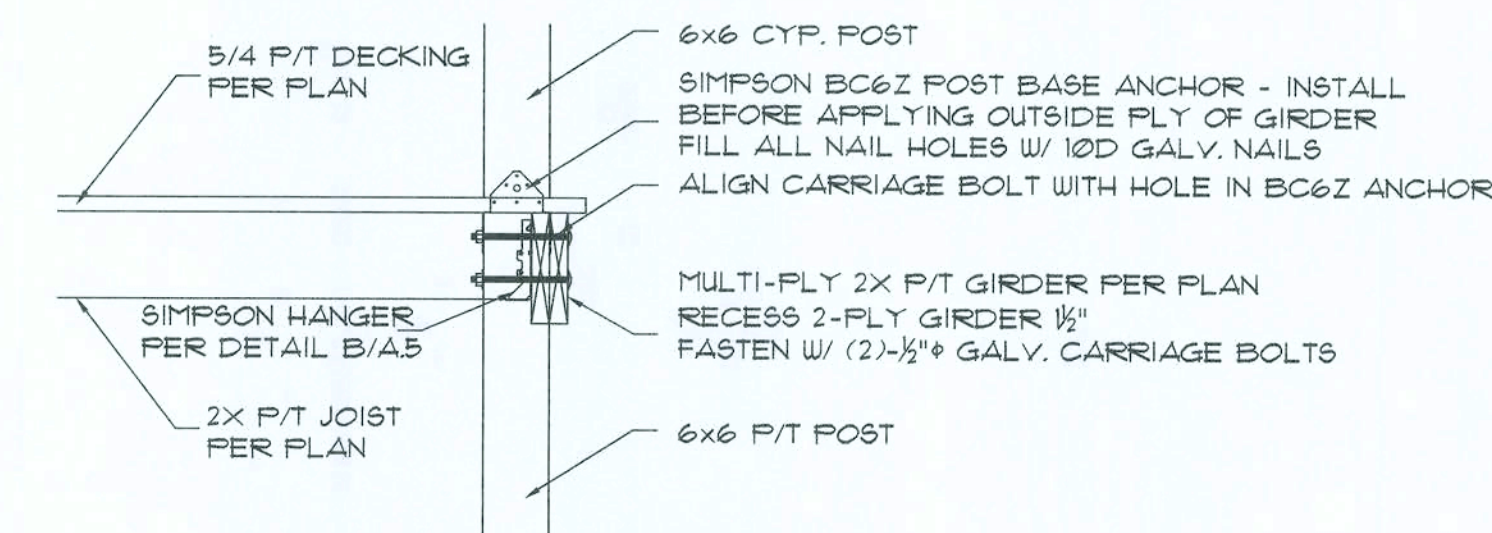
## Anchor Strap DETAIL

SCALE: N.T.S.



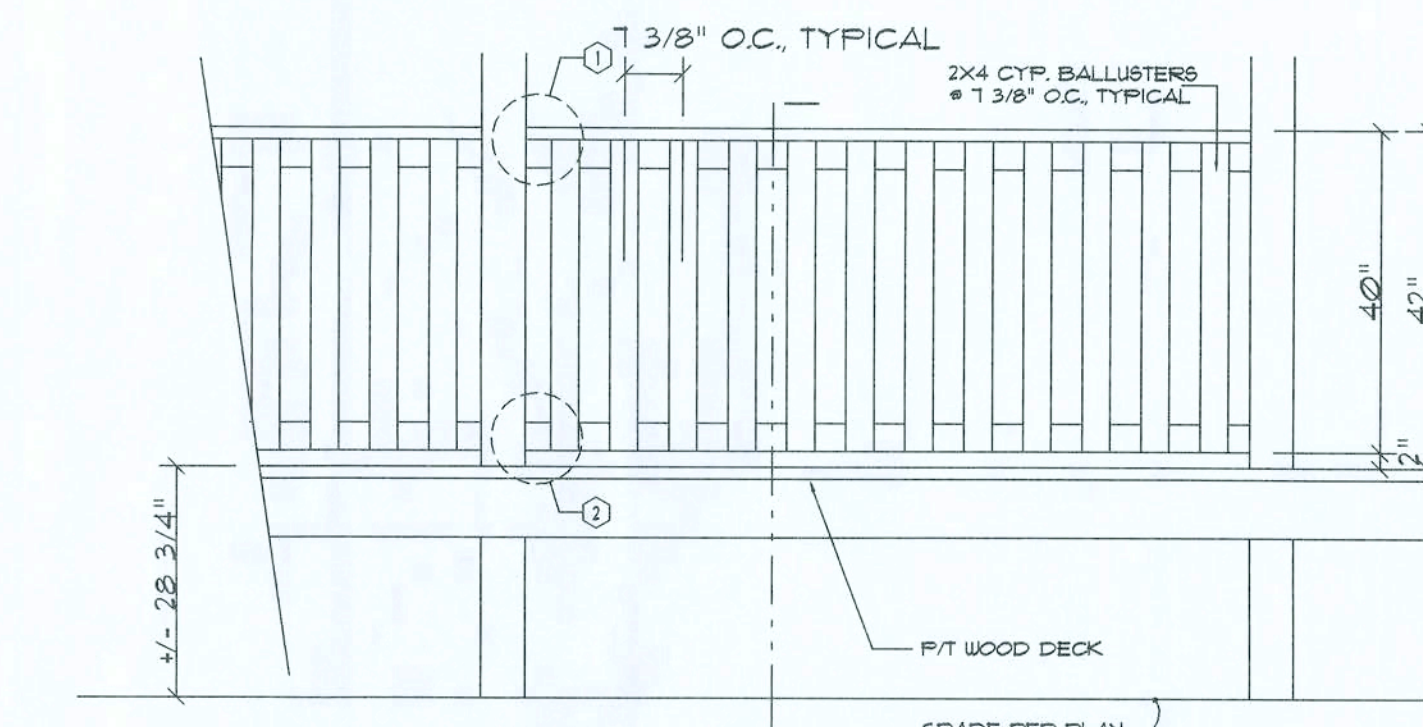
## First Floor Framing Plan

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



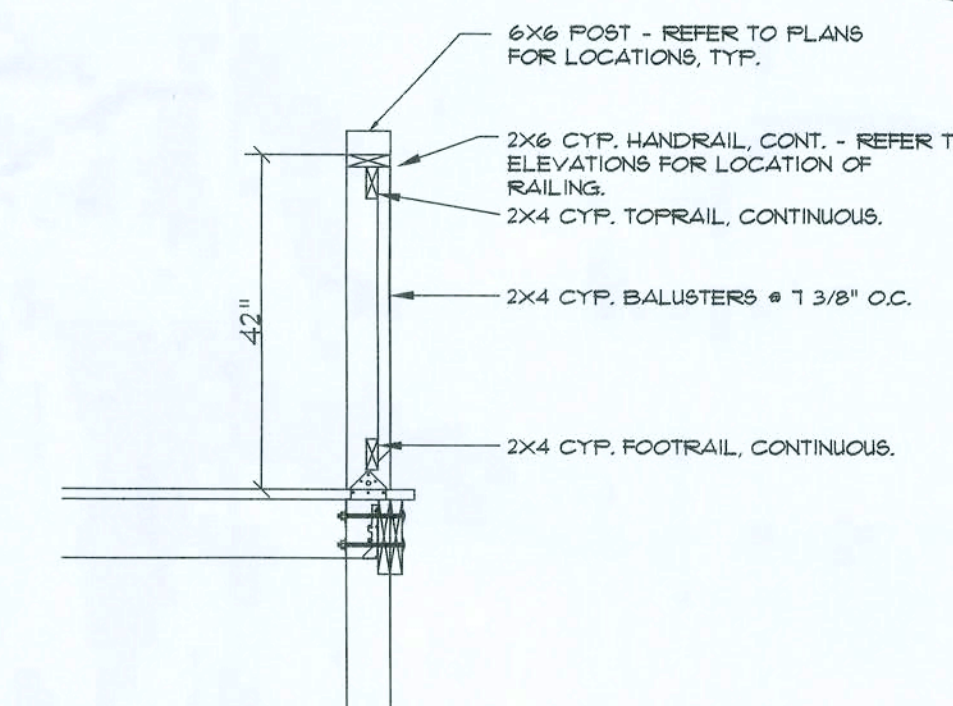
## Post to Post Detail

SCALE: N.T.S.



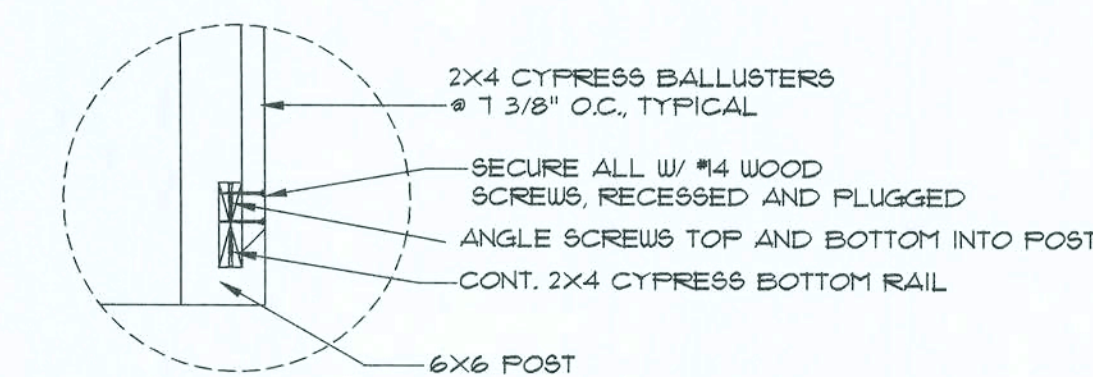
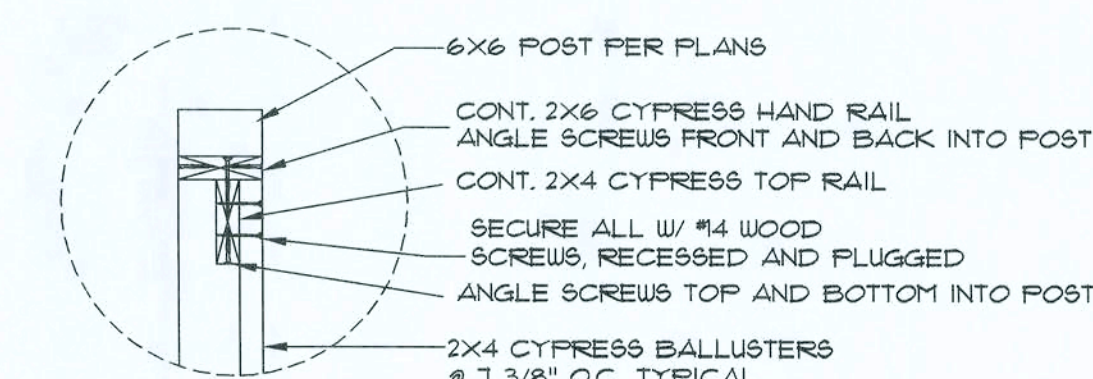
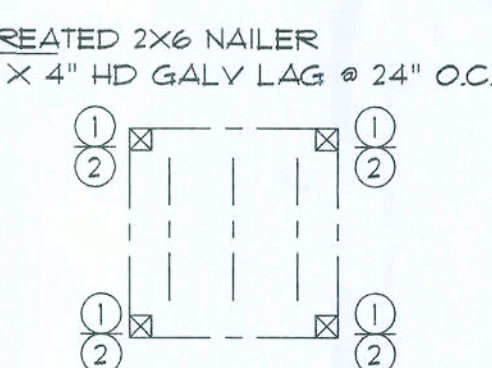
## Exterior Railing ELEV.

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



## Exterior Railing SEC.

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



## DETAILS

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

REVISION:  
24MAR10

DRAWN:  
KEB

REVIEWED:  
GJG

Custom Log Home for:  
**Ted Smith**  
Alachua Co., FL

Gary J. Gill, PE 51942  
P.O. Box 187  
130 West Howard St.  
Live Oak FL 32064  
Phone: (386) 362-3678  
Fax: (386) 362-6133  
Auth # 9461



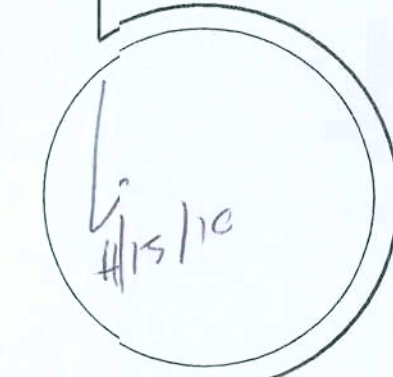
**SULLIVAN RIVER LOG HOMES, INC.**  
Manufacturers  
Specializing in Cypress & Cedar Custom Homes  
4345 HIGHWAY 90 WELLSBORO, FLORIDA 32094  
904.963.1065/564.711/1800.962.1065/564.711

DATE:  
15DEC09

COMM:  
L0932

SHEET:  
A.5

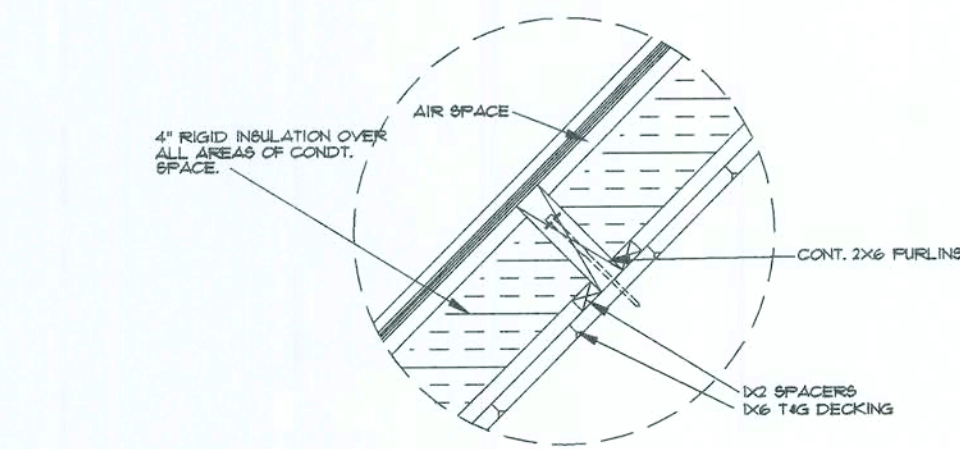
5 OF 8





L  
4/5/10



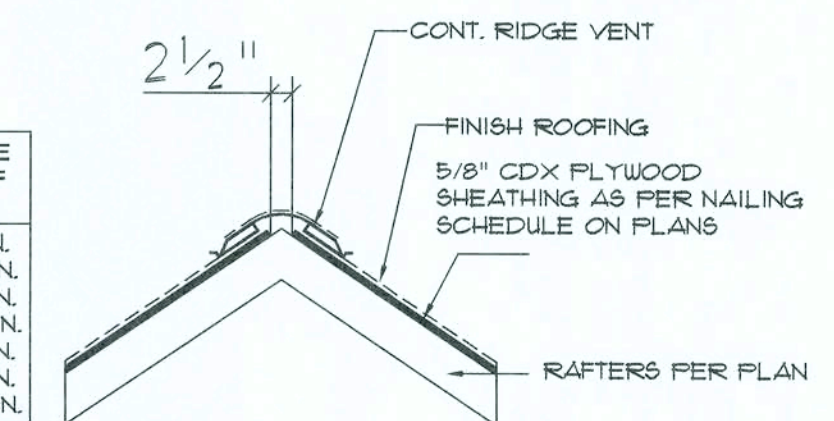


## Insulation DETAIL A

SCALE: N.T.S.

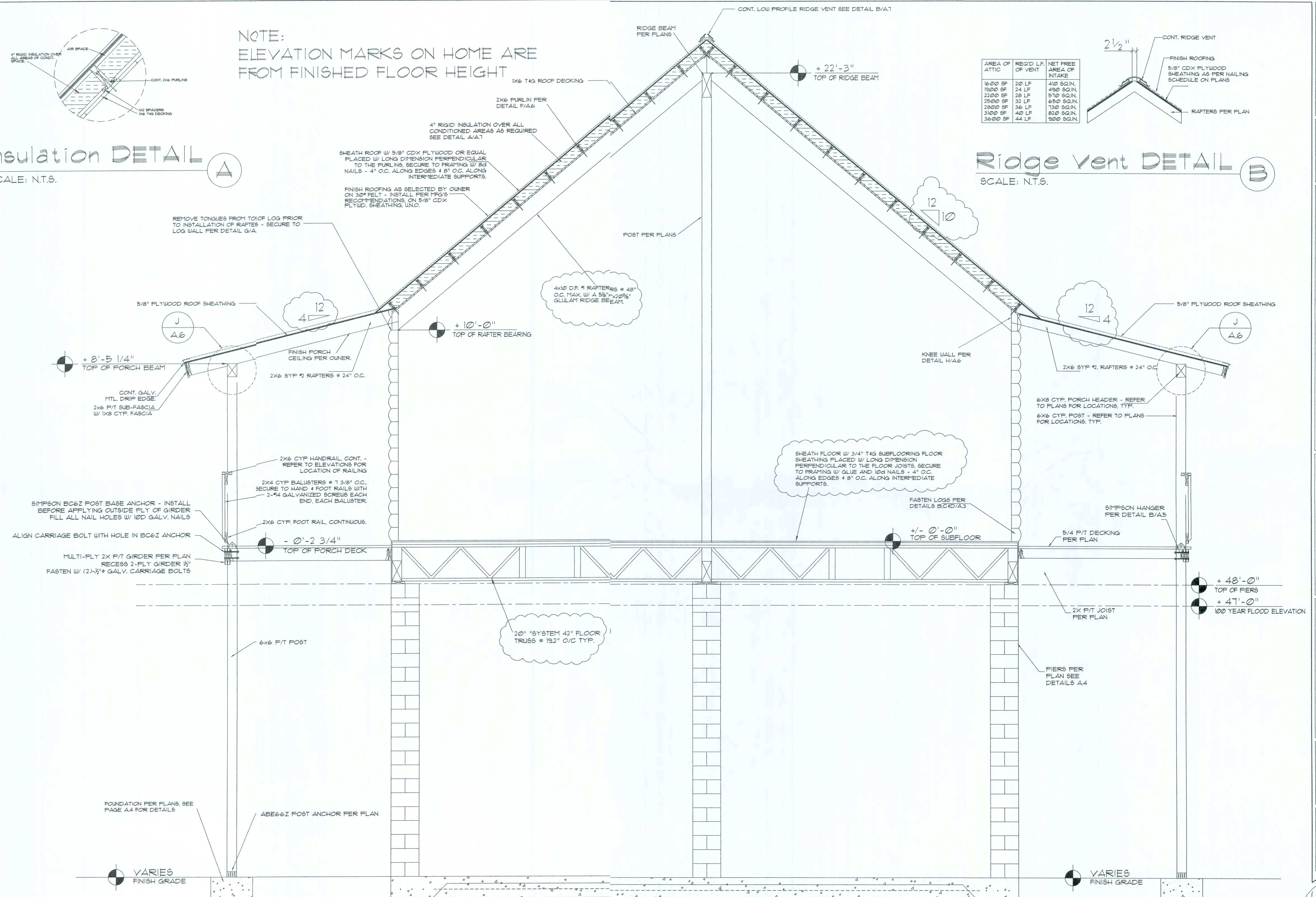
NOTE:  
ELEVATION MARKS ON HOME ARE  
FROM FINISHED FLOOR HEIGHT

AREA OF ATTIC	REQ'D L.F. OF VENT	NET FREE AREA OF INTAKE
1600 SF	20 LF	410 SQ.IN.
1800 SF	24 LF	490 SQ.IN.
2200 SF	28 LF	570 SQ.IN.
2500 SF	32 LF	650 SQ.IN.
2800 SF	36 LF	730 SQ.IN.
3100 SF	40 LF	810 SQ.IN.
3600 SF	44 LF	900 SQ.IN.



## Ridge Vent DETAIL B

SCALE: N.T.S.



## Building Section

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

REVISION:

24 MAR 10  
12 APR 10

DRAWN:

KEB

REVIEWED:

GJG

Custom Log Home for:  
**Jane Blais**  
Columbia Co. FL

These drawings, as instruments of service, are the sole property of the architect, and no part may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the architect.

Gary J. Gill, PE 51942  
P.O. Box 187  
130 West Highway  
Live Oak, FL 32060  
Phone: (386) 362-3678  
Fax: (386) 362-6133  
Auth: # 9461



**SUNNYVIEW RIVER**  
**LOG HOMES, INC.**  
Manufacturers  
Specializing in Cypress & Cedar Custom Homes  
4345 Highway 90, Wellborn, Florida 32094  
904.963.1008 / 904.963.1009

DATE:

15 DEC 09

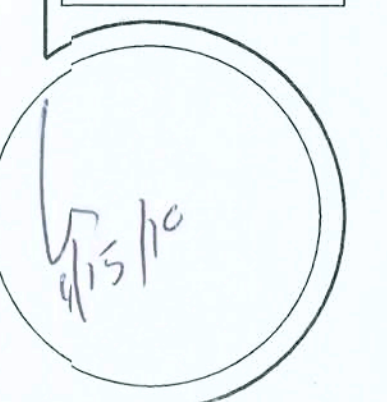
CONTRACT:

L0921

SHEET:

A.7

7 OF 8





# PROJECT INFORMATION

## IMPORTANT!

THE INFORMATION LISTED HERE IS ESSENTIAL AND MUST BE READ CAREFULLY PRIOR TO THE CONSTRUCTION OF YOUR SUWANNEE RIVER LOG HOME.

S.R.L.H., INC. PLANS ARE DESIGNED BASED ON THESE LUMBER GRADING SPECIFICATIONS.

LOG WALLS: YELLOW CYPRESS

DIMENSIONAL LUMBER: FLOOR FRAMING, WALL FRAMING, BEAMS & GIRDERS SHALL BE #2 SOUTHERN YELLOW PINE & BETTER OR #2 HEM-FIR & BETTER

DIMENSIONAL LUMBER: EXPOSED BEAMS, GIRDERS, RAFTERS, & JOISTS, POSTS, TRIM & CASINGS SHALL BE #2 TIDEWATER RED & YELLOW CYPRESS OR WESTERN RED CEDAR

FLOOR & DECK FRAMING: #2 PRESSURE TREATED SOUTHERN YELLOW PINE

MANUFACTURED LUMBER: SHALL BE GLU-LAM BEAMS OR 20E LVL.

### DESIGN VALUES/LOADS & CODES

WIND DESIGN SPEED: 110 MPH

SOIL DESIGN STATEMENT:  
FOOTING DESIGN IS BASED UPON 2000PSF SOIL BEARING PRESSURE PROVIDED BY CLEAN SAND, GRAVEL OR STONE. OTHER SOIL CONDITIONS IS: CLAY, HIGH LEVEL OF ORGANICS OR OTHER UNDESIRABLE SOILS SHALL BE REPORTED TO YOUR SALES REPRESENTATIVE, PRIOR TO CONSTRUCTION.

LIVE LOADS: 1st FLOOR: 40PSF, ROOF: AS DETERMINED BY SHAPE FACTORS APPLIED TO THE WIND FORCE GENERATED BY THE DESIGN WIND SPEED.

BUILDING CODE: FLORIDA BUILDING CODE 2008  
INTERNATIONAL - LATEST  
ELECTRICAL CODE: NATIONAL ELECTRICAL CODE - 2008  
LIFE SAFETY: NFPA-101 - LATEST

### CONSTRUCTION DOCUMENTS

THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITIES. FOR THE ISSUANCE OF CONSTRUCTION PERMITS, THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS AND VERIFY ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE REPORTED TO YOUR SALES REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF ANY WORK OR FABRICATION OF ANY MATERIALS.

### DON'T SCALE OFF THESE PLANS

AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS, SIMPLE ARITHMETIC SHOULD BE USED TO DETERMINE THE LOCATIONS OF THOSE ITEMS NOT DIMENSIONED.

# SAFETY PRECAUTIONS

## SMOKE DETECTOR REQUIREMENTS

SMOKE DETECTORS (SUPPLIED BY OTHERS) MUST BE INSTALLED ADJACENT TO THE BEDROOM AREAS, AND MUST BE INSTALLED ON EACH STORY OF THE HOME INCLUDING BASEMENTS. SMOKE DETECTORS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING, AND BE PERMANENTLY WIRED WITHOUT DISCONNECTING SWITCHES. SMOKE DETECTORS TO BE AN APPROVED TYPE IN ACCORDANCE WITH THE FBC AND NEC-LATEST.

## CHANGES TO FINAL PLAN SETS

PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH SUWANNEE RIVER LOG HOMES, INC. SRHL WILL NOT ASSUME ANY LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATION ON THE PLANS.

## HARDWARE RETIGHTENING REQUIREMENTS

ALL LAG SCREW AND BOLT CONNECTIONS ON COMPOUND BEAMS, POSTS, GIRDS, TIMBER TRUSSES AND OTHER STRUCTURAL MEMBERS TO BE INSPECTED PERIODICALLY AND RETIGHTENED AS NECESSARY.

## INORGANIC ARSENICAL PRESSURE TREATED WOOD

SOME FRAMING MATERIALS SUPPLIED WITH YOUR SRHL MATERIALS PACKAGE SUCH AS 2X6 SILL, PORCH FRAMING & DECKING ARE PRESSURE TREATED. EACH PIECE IS CLEARLY MARKED FOR EASY IDENTIFICATION AND IS USUALLY GREENISH IN COLOR.

THIS WOOD HAS BEEN PRESERVED BY PRESSURE-TREATMENT WITH AN EPA-REGISTERED PESTICIDE CONTAINING INORGANIC ARSENIC TO PROTECT IT FROM INSECT ATTACK AND DECAY. EXPOSURE TO TREATED WOOD MAY PRESENT CERTAIN HAZARDS, THEREFORE, PRECAUTIONS SHOULD BE TAKEN BOTH WHEN HANDLING THE TREATED WOOD AND IN DETERMINING WHERE TO USE OR DISPOSE OF THE TREATED WOOD.

FOR FURTHER INFORMATION ON THE USE OF AND DISPOSAL OF INORGANIC ARSENIC PRESSURE TREATED WOOD, PLEASE REFER TO THE EPA MATERIAL SAFETY SHEET DEALING WITH THIS PRODUCT.

SUGGESTED TOOL LIST	
BASIC TOOLS	
ITEM	QTY.
SAW HORSE	2
7 1/4" SKILL SAW	1
6 WAY ELECTRICAL GANG BOX	4
25' TAPE MEASURE	1
100' TAPE MEASURE	1
6' CARPENTER'S RULE	1
CONSTRUCTION GRAYTONS, RED 4 BLUE	2 EACH
CHALKLINE, RED 4 BLUE	1 EACH
48" FRAMING LEVEL	1
LINE LEVEL	1
FLUIDS BOB	1
20 OZ FRAMING HAMMER	1
CARPENTER'S FRAMING SQUARE	1
TIN SNIPS, LEFT 4 RIGHT	1 EACH
UTILITY KNIFE	1
POUNDER ACTUATED FASTENER SYSTEM	1 (OPTIONAL)
2400W ELECTRICAL GENERATOR	1 (OPTIONAL)
PNEUMATIC NAIL GUN	1 (OPTIONAL)
PORTABLE AIR COMPRESSOR	1 (OPTIONAL)

SPECIALTY TOOLS for Logs & Timbers		
ITEM		QTY.
16" MAKITA SAW		1
3/4" OR WIDER WOOD CHISEL		1
1/2" ELECTRIC IMPACT DRIVER		2
9/16" DEEP WELL SOCKET		2
1/2" DRILL MOTOR		2
1/4" DRILL MOTOR		1
SMALL WISK BROOM		3
12" SPEED SQUARE		1
RECIPROCATING SAW		1
3 LB. SLEDGE HAMMER		1
3 LB. HAMMER		1
24"-30" CROW BAR		1
2" SQ. NOSE TROUVEL (Chink Style Logs only)		1
HAND PUMP PORTABLE GARDEN SPRAYER		1
GAS POWERED CHAINSAW		1 (OPTIONAL)
SPILT RING GROOVE CUTTER		1 (SEE PLANS)
BITS		
3/8"ø AUGER, 6" OR 8" LONG		3
1"ø AUGER, 6" OR 8" LONG		3
3/4"ø AUGER, 12" LONG		3
1" SPADE, 6" OR 8" LONG		3
2 1/4" SPADE, 6" OR 8" LONG		2
16" MAKITA SAW BLADE		2 (THRU-BOLT SYSTEM, ONLY)
RECIPROCATING SAW BLADE, 12"		2
SMALL SET, STANDARD DRILL		1
NOTE!		
THIS LIST IS NOT ALL INCLUSIVE, BUT REPRESENTS THE MOST COMMONLY REQUIRED TOOLS FOR A TYPICAL LOG STRUCTURE. JOB CONDITIONS MAY REQUIRE VARIOUS OTHER TOOLS TO BE EMPLOYED.		

## GENERAL FINISHING NOTES:

1. CYPRESS LOGS AND LUMBER IS HIGH IN MOISTURE CONTENT WHEN IT ARRIVES AT THE CONSTRUCTION SITE, THUS DURING THE COURSE OF THE CONSTRUCTION A PRONOUNCED DARKENING OF THE WOOD WILL OCCUR. FOLLOWING THE DRY-IN OF THE STRUCTURE AN APPLICATION OF BLEACH WILL REMOVE THIS DISCOLORATION.
2. PROCEED WITH MIXING STANDARD HOUSEHOLD BLEACH W/ AN EQUAL AMOUNT OF WATER. APPLY WITH A PUMP STYLE GARDEN SPRAYER. BEGINNING AT THE LOWEST LEVEL & WORKING UPWARD, COVER ALL PORTIONS OF THE WOOD WITH THE BLEACH/WATER MIXTURE UNTIL IT IS FREELY FLOWING OVER THE SURFACE OF THE WOOD.
3. FOLLOWING APPLICATION OF THE BLEACH/WATER MIXTURE, ALLOW THE ENTIRE STRUCTURE TO DRY-OUT BEFORE PROCEEDING W/ OTHER WORK.

GENERAL NAILING SCHEDULE:		
NUMBER OF NAILS FOR CONNECTING WOOD MEMBERS:	COMMON NAILS	Nr. / SPACING
BRIDGING TO JOIST, TOE NAIL	16d	2 EA, END
2" SUB FLOOR TO JOIST, BLIND, & FACE NAILING	16d	2
SOLE PLATE TO JOIST OR BLOCKING FACE NAILED	16d	16" O.C.
TOP OR SOLE PLATE TO STUD END NAILED	16d	2
STUD TO SOLE PLATE, TOE NAILED	8d	3 OR 2 16d
DOUBLE STUDS, FACE NAILED	16d	24" O.C.
DOUBLE TOP PLATES, FACE NAILED TOP PLATES - LAPS & INTERSECTIONS FACE NAILED	16d	16" O.C.
1 X 6 SHEATHING TO EACH POINT OF BEARING, FACE NAILED	8d	2
BUILT-UP CORNER STUDS, FACE NAILED	16d	30" O.C.
BUILT-UP: GIRDERS & BEAMS	20d	32" O.C. @ TOP & BOTTOM 4 STAGGERED - 2 @ EA. END 4 @ SPLICES 6" O.C. @ EDGES 10" O.C. @ INTERMEDIATE 6" O.C. @ EDGES 10" O.C. @ INTERMEDIATE 3" O.C. @ EDGES 6" O.C. @ INTERMEDIATE
3/4" FLYWOOD SUB FLOORING	8d	
OSB SHEATHING, 1/16" THICK	8d	
1/8" FIBERBOARD SHEATHING	6d	

A. NAILS, BOLTS AND OTHER METAL CONNECTORS WHICH ARE USED IN LOCATIONS EXPOSED TO THE WEATHER SHALL BE GALVANIZED OR OTHERWISE CORROSION RESISTANT.

B. IN GENERAL, NAILS SHALL PENETRATE THE SECOND MEMBER A DISTANCE EQUAL TO THE THICKNESS OF THE MEMBER BEING NAILED THERE TO, OR GREATER.

C. THERE SHALL BE NOT LESS THAN 2 NAILS PER CONNECTION.

D. GLUING SHALL NOT BE CONSIDERED AN ACCEPTABLE CONNECTOR IN LIEU OF THOSE SPECIFIED HEREIN.

E. FORMED METAL CONNECTORS, AS PER THE SCHEDULE HEREIN, SHALL HAVE THE NUMBER OF NAILS INSTALLED AS REQUIRED BY THE MANUFACTURER, OR AS DIRECTED BY THE PLANS.

F. NAILS PROJECTING BEYOND THE LAST WOOD MEMBER SHALL BE CLINCHED, WHEREVER POSSIBLE.

G. NOTES IN THE "PLANS" PACKAGE OF THE CONSTRUCTION DOCUMENTS SUPERSEDE SIZES & SPACINGS OF NAILS CONTAINED HEREIN.

---

### WINDOW INSTALLATION GUIDELINES:

- REFER TO THE DETAILS ON SHEET A3 FOR ROUGH OPENING SUB-BUCK REQUIREMENTS AND SQUARING. ALL ROUGH OPENINGS SHALL BE SQUARE, PLUMB & TRUE TO PLANE AND SIZE REQUIREMENTS.
- ALL GAPS BETWEEN THE SUB-BUCKS (JAMBS, HEADS & SILLS) & THE WALL LOGS SHALL BE SEALED WITH CAULK AND/OR FOAM INSULATION. ANCHOR THE SUB-BUCKS TO THE LOG WALL WITH 2 - 8" PANEL FASTENERS INTO UPPIER 2 LOG COURSES AND LOWER 2 LOG COURSES EA. SIDE OF THE WINDOW OPENING (8 TOTAL), WHERE DEL. BUCKS ARE REQUIRED, USE 3 PANEL FASTENERS AT TOP & BOTTOM OF THE JAMBS (12 TOTAL).
- RECESS THE HEADS OF THE JAMB LOGS 3/8", MIN. TO BE FLUSH W/ THE FACE OF THE SUB-BUCK.
- PLACE WINDOW UNIT IN ROUGH OPENING AND SHIM AS REQUIRED FOR A LEVEL PLACEMENT. CENTER THE UNIT IN THE ROUGH OPENING & WEDGE IT INTO PLACE USING TAPEDED CEDAR SHIMS. FIX WINDOW IN OPENING USING 10d FINISHING NAILS, INSTALLED IN INCONSPICUOUS LOCATIONS.  
NOTE:  
POSITION METAL WINDOW UNIT IN THE CENTER OF THE R.O. & LEVEL
- SECURE THE WINDOW UNIT IN PLACE W/ 8 X 2 1/2" WOOD SCREWS @ 12" O.C. AT EA. JAMB & ALONG THE HEAD - PLACE SCREWS WITHIN 4" OF EA. CORNER - INSTALLED IN INCONSPICUOUS LOCATIONS.  
NOTE:  
SECURE METAL WINDOWS TO THE SUB-BUCK WITH 10d GALV. SPIRAL NAILS AT 8" O.C., ALL AROUND, & WITHIN 4" OF CORNERS
- INSTALL THE EXTERIOR TRIM BY NAILING TO THE SUB-BUCK, USING THE 12d SPIRAL GALV. SIDING NAILS. FILL ALL GAPS BETWEEN THE TRIM AND THE WALL LOGS AT THE JAMBS WITH FOAM INSULATION.
- INSTALL METAL FLASHING OVER THE HEADS OF ALL WINDOWS (& DOORS) EXPOSED TO THE WEATHER, PARTICULARLY ON GABLE END WALLS. CUT A SAW KEEL INTO THE WALL LOGS, 1" DEEP. PRESS IN THE METAL FLASHING AND CAULK IN PLACE.
- INSTALL THE INTERIOR TRIM BY NAILING TO THE SUB-BUCK, USING THE 10d FINISH NAILS. SET NAIL HEADS AND FILL HOLES W/ COLOR MATCHED WOOD FILLER, OR AS DIRECTED BY THE OWNER.

REVISION:	
24MARIO	
GENERAL CONSTRUCTION NOTES:	
<ol style="list-style-type: none"><li>1. FIELD VERIFY ALL DIMENSIONS AND MATERIALS. ALL OUTSIDE DIMENSIONS ARE TO FACE OF RIM JOIST, OR O/S FACE OF LOGS.</li><li>2. ALL NAILING CONSTRUCTION MATERIALS SHALL BE AS PER FBC 2006 AND LOCAL CODE(S).</li><li>3. PROVIDE EXTERIOR COMBUSTION AIR TO GAS FIRED H.V.A.C. EQUIPMT WOOD BURNING STOVES, AND FIREPLACES.</li><li>4. VENT CLOTHES DRYER, BATH, AND COOKING FANS TO EXTERIOR, AS REQUIRES - REFER TO H.V.A.C. GENERAL NOTES.</li><li>5. CONTRACTOR SHALL CALL ATTENTION TO THE OWNER ANY DISCREPANCIES IN DRAWINGS AND/OR SPECIFICATIONS AND SHALL RECEIVE PROPER INSTRUCTIONS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK IN IN QUESTION. SEE ALSO GENERAL NOTES</li><li>6. TRUSS ROOF AND TRUSS FLOOR FRAMING PLANS ARE FOR GENERAL INFORMATION ONLY. THE TRUSS MANUFACTURER SHALL PROVIDE A DETAILED LAYOUT FOR TRUSS AND FRAMING MEMBERS - REFER ALSO TO STRUCTURAL NOTES</li><li>7. SHOULD CONDITIONS AT THE SITE BE FOUND MATERIALLY DIFFERENT FROM THOSE INDICATED BY THE DRAWINGS AND/OR SPECIFICATIONS, AND THE CONDITIONS USUALLY INHERENT IN THE WORK OF THE CHARACTER SHOWN AND SPECIFIED BE DIFFERENT FROM SRLH STANDARD RECOMMENDED BUILDING PROCEDURES - CALL IMMEDIATE ATTENTION TO SUCH CONDITIONS BEFORE PROCEEDING.</li><li>8. LP GAS-BURNING APPLIANCES ARE NOT PERMITTED IN BASEMENTS OR CRAWLSPACES.</li><li>9. DO NOT SCALE DRAWINGS. USE PRINTED DIMENSIONS ONLY.</li><li>10. DUE TO THE AVAILABILITY OF MATERIALS, SRLH, INC. RESERVES THE RIGHT TO SUBSTITUTE MATERIAL SHOWN ON PLANS FOR A COMMENSURATE MATERIAL WHICH IS IN COMPLIANCE WITH SAFETY &amp; BUILDING CODE REQUIREMENTS.</li><li>11. THESE DETAIL SHEETS CONTAIN INFORMATION WHICH IS IMPERATIVE TO THE PROPER AND TIMELY OF YOUR HOUSE. BE SURE THE CONTRACTOR RECEIVES THE INFORMATION !!</li></ol>	
DRAWN:  KEB	
REVIEWED:  GJG	
Custom Log Home for:  Jane Blais Columbia Co. FL	
quantity, as instruments of service, are the sole property of the architect, and shall remain the property of the architect. No part of this set of drawings shall be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the architect.	

## GENERAL FINISHING NOTES CONT.:

5. BLEACHING OPERATIONS, BOTH INTERIOR AND EXTERIOR SHALL BE PERFORMED IN SUCH A WAY AS TO MINIMIZE DAMAGE TO SURROUNDING WORK AND ANY VEGETATION DESIGNATED BY THE OWNER TO BE PROTECTED - VERIFY WITH THE OWNER PRIOR TO COMMENCING WITH THIS PORTION OF THE WORK.
6. EXTERIOR WOOD FINISH IS GENERALLY THE APPLICATION OF A STAINING WOOD PRESERVATIVE, BY BRUSHING OR SPRAYING, OR APPLYING A RAPID WEATHERING OIL WHICH HASTENS THE SILVER APPEARANCE OF OLD WEATHERED WOOD. VERIFY WITH THE OWNER AS TO THE FINAL FINISH DESIRED AND AS TO THE COLOR SELECTION FOR THE STAIN.
7. APPLICATION OF EXTERIOR FINISH/WOOD PRESERVATIVE SHALL BE DONE IN SUCH A MANNER AS TO MINIMIZE DAMAGE TO SURROUNDING, ADJACENT MATERIALS/WORK & VEGETATION, AS IN NOTE 5, ABOVE.
8. ALL INTERIOR PARTITION WALLS SHALL BE FINISHED WITH 1/2" GWB, UNLESS NOTED OTHERWISE. AT MASONRY WALLS, FURR WITH P/T 1X2 WD. STRIPS OR 3/4" MTL. FURRING CHANNELS AT 16" O.C. AND COVERED WITH 1/2" GWB. UNO. ALL EXTERIOR CORNERS SHALL HAVE FULL HEIGHT MTL. CORNER BEADS & ALL JOINTS SHALL BE COVERED WITH TAPE AND 2 COATS OF JOINT COMPOUND. ALL WALLS THUS FINISHED SHALL BE SMOOTH & WITHOUT BLEMISH, READY TO RECEIVE FURTHER FINISH TREATMENT AS DIRECTED BY THE OWNER.
9. WHERE INDICATED IN THE PLANS, OR WHERE DIRECTED BY THE OWNER, APPLY 1X6 WOOD PANELING & TRIM, WITH TRUE CUTS AND MITERS, IN THE PATTERN AS DIRECTED BY THE OWNER, IE: HORIZONTAL, 45°, VERTICAL OR FOLLOWING A SLOPING PLANE. SCRIBE FIT TRIM TO ALL IRREGULAR SURFACES & SET ALL NAIL HEADS BELOW THE SURFACE OF THE FACE OF THE TRIM, USING A NAILSET.
10. CONTRACTOR SHALL, AT THE COMPLETION OF HIS WORK, REMOVE ALL RUBBISH FROM WITHIN AND ABOUT THE STRUCTURE, ALL HIS TOOLS, EQUIPMENT, SCAFFOLDING & SURPLUS MATERIALS NOT RETAINED BY THE OWNER, AND SHALL LEAVE THE STRUCTURE CLEAN, HAVING THOROUGHLY SWEEP THE FLOORS, CLEANED THE WINDOWS & GLASS SURFACES, PLUMBING FIXTURES & MILLWORK AND DUSTED ALL FLAT SURFACES BEAMS & RAFTERS & WALL LOGS. STONEWORK SHALL BE CLEANED W/ REMOVAL OF ANY EFFLORESCENCE AND EXCESS MORTAR.

Gary J. Gill, PE 51942  
P.O. Box 187  
130 West Howard St.  
Live Oak FL 32064  
Phone: (386) 362-3678  
Fax: (386) 362-6133  
Auth # 9461

STRUCTURAL CIVIL ENGINEERS

SUWANNEE RIVER  
LOG HOMES, INC.

Manufacturers  
Specializing in Cypress & Cedar Custom Homes  
4345 HIGHWAY 90, WELLSBORO, FLORIDA 32094  
904.963.1055/96471 / 1800.962.1055/96471

DATE:

15 DEC 03

COMM#:

L0921

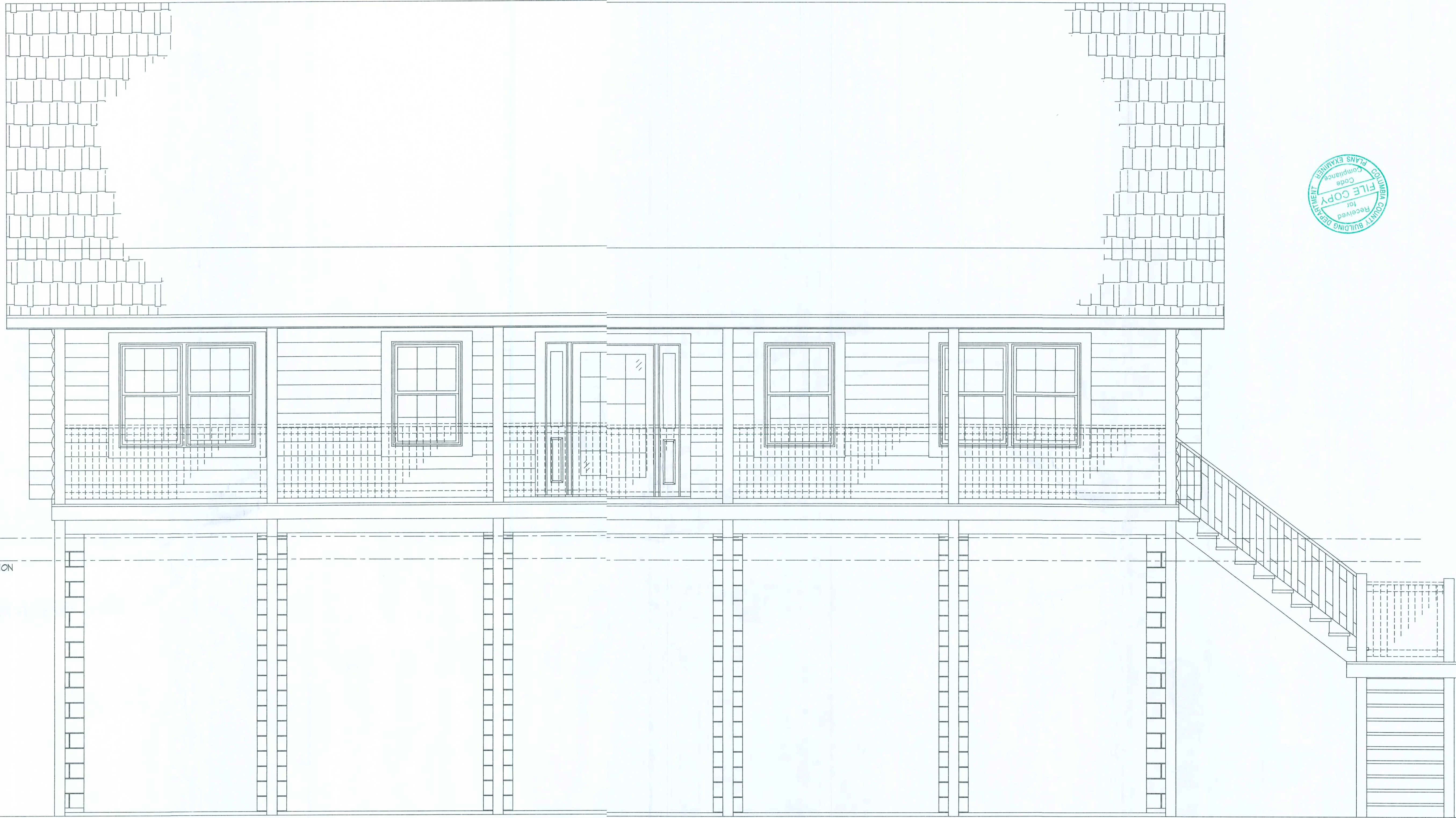
SHEET:

A.8

8 OF 8

9/5/14





+ 48'-0"  
BOTTOM OF BEAM  
+ 41'-0"  
100 YEAR FLOOD ELEVATION

A Custom Log Home for :  
**Jane Blais**  
Columbia Co. Florida

Drawing Index	
CS	COVER SHEET, DRAWING INDEX
A1	ELEVATIONS
A2	FIRST FLOOR PLAN w/ NOTES
A3	FIRST FLOOR PLAN DIMENSION PLAN
A4	FOUNDATION PLAN
A5	FIRST FLOOR FRAMING PLAN
A6	ROOF FRAMING PLAN / RAFTER PROFILES
A7	BUILDING SECTION
A8	NOTES

NOTE:  
ALL ELEVATIONS PER NAVD1988 DATUM

ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 301, FLORIDA BUILDING CODE, 2006 EDITION.	
BASIC WIND SPEED:	110 MPH
WIND IMPORTANCE FACTOR (I):	I = 1.00
BUILDING CATEGORY:	CATEGORY II
WIND EXPOSURE:	"B"
INTERNAL PRESSURE COEFFICIENT:	+/- 0.18
MAIN WIND FORCE RESISTANCE DESIGN WIND PRESSURES:	ROOF: - 23.1 PSF WALLS: + 19.2 PSF EAVES: - 32.3 PSF
COMPONENTS & CLADDING PER TABLES 301.2(2) (FBC 2006) DESIGN WIND PRESSURES:	OPNGS: + 21.8 / - 29.1 PSF EAVES: - 68.3 PSF ROOF: + 19.9 / - 25.4 PSF

REVISION:

DRAWN:  
KEB

REVIEWED:  
GJG

Custom Log Home for:  
**Jane Blais**  
Columbia Co. FL

These drawings, as instruments of service, are the sole property of the architect, and may not be used, copied or reproduced in whole or in part for use on or incorporated within any other job without specific and individual authorization by the architect.

GARY J. GILL, P.E. 51942  
P.O. Box 187  
130 West Howard St.  
Live Oak FL 32064  
Phone: (386) 362-3678  
Fax: (386) 362-6133  
Auth # 9461

STRUCTURAL CIVIL ENGINEERS

SUNWANE RIVER  
LOG HOMES, INC.  
Manufacturers  
Specializing in Cypress & Cedar Custom Homes  
4515 Highway 90, Suite 100, Live Oak, FL 32064 386-362-3678  
386-362-6133 1800-362-LOGS-6471

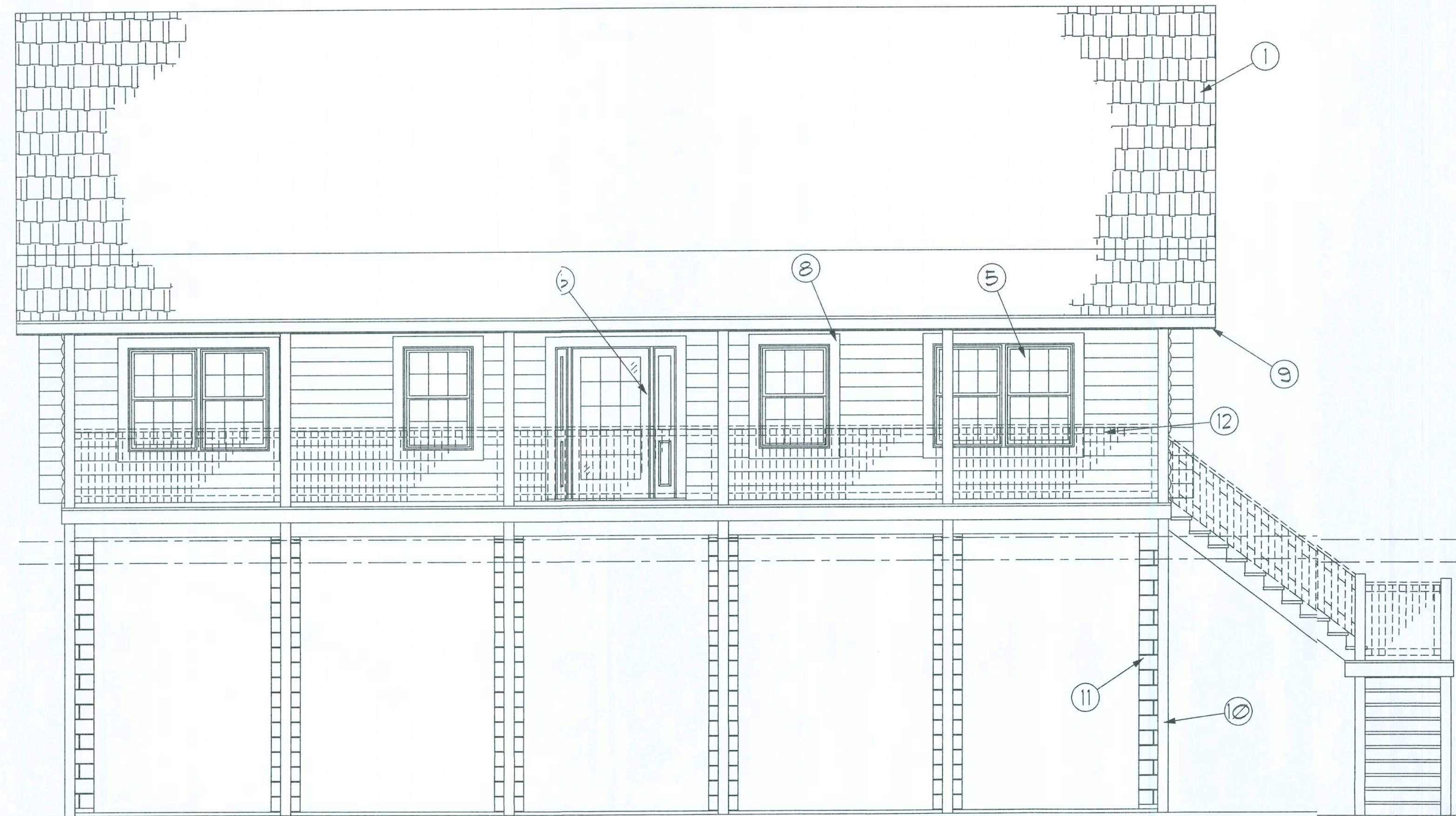
DATE:  
15DEC09

OWNER:  
L0921

SHEET:  
CS

12/10/09





Front ELEVATION

SCALE: N.T.S.



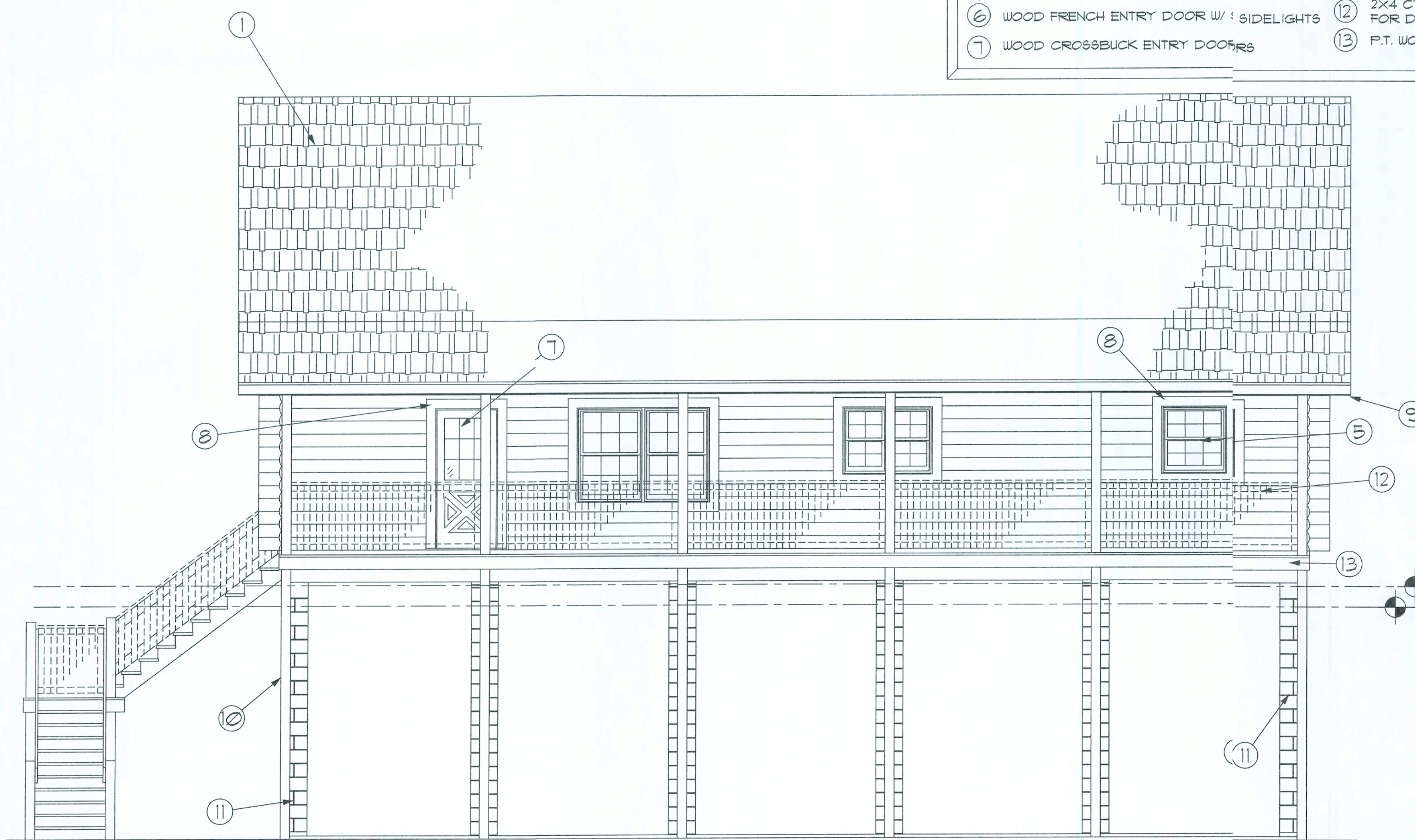
Right Side ELEVATION

SCALE: N.T.S.

GENERAL NOTES:

- |  |  |
|--|--|
| ① FINISH ROOFING AS SELECTED BY OWNER    | ⑧ 1X6 CYPRESS TRIM, AT ALL DOORS & WINDOWS, TYPICAL T.O. |
| ② MTL. FLASHING ON 1X FASCIA             | ⑨ 6X8 CYP. PORCH BEAM                                    |
| ③ 2X BARGE RAFTER - SEE PLANS FOR SIZE   | ⑩ 6X6 PORCH POSTS PER PLAN                               |
| ④ FULL LOG GABLE ENDS                    | ⑪ MASONRY FOUNDATION - REFER TO PAGE A4 FOR DETAILS      |
| ⑤ DBL. HUNG WOOD WINDOWS W/ DBL. GLAZING | ⑫ 2X4 CYPRESS RAILING - SEE A14 FOR DETAILS              |
| ⑥ WOOD FRENCH ENTRY DOOR W/ 6 SIDELIGHTS | ⑬ P.T. WOOD DECK   |
| ⑦ WOOD CROSSBUCK ENTRY DOORS             |  |

NOTE:  
ALL ELEVATIONS PER NAVD1988 DATUM



Rear ELEVATION

SCALE: N.T.S.



Left Side ELEVATION

SCALE: N.T.S.

REVISION:

DRAWN:

KEB

REVIEWED:

GJG

Custom Log Home for:

Jane Blais  
Columbia Co. FL

These drawings are instruments of service, and the sole property of the architect. They may not be used, copied or reproduced in whole or in part for use in or incorporation within any other job without specific and individual authorization by the architect.

Gary J. Gill, P.E. 51942  
P.O. Box 187  
130 West Howard St.  
Live Oak FL 32064  
Phone: (386) 362-3678  
Fax: (386) 362-6133  
Auth. # 9461



SUWANNEE RIVER  
LOG HOMES, INC.  
Manufacturers  
Specializing in Cypress & Cedar Custom Homes  
4548 Highway 90 WELLSBORO, FLORIDA 32094  
(386) 363-1008 / (800) 361-1008 (TOLL FREE)

DATE:

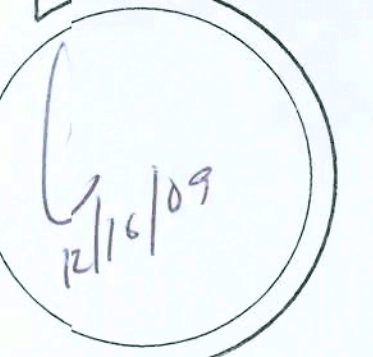
15DEC03

COMM:

L0321

SHEET:

A.1  
1 of 8





ELECTRICAL PLAN NOTES

PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY

RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT N., DESCRIPTION & BRKR. SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

ALL RECEPTACLES SHALL BE ON AFCI PROTECTED CIRCUITS EXCEPT DEDICATED CIRCUITS, COUNTERTOP CIRCUITS AND INDICATED GFCI PROTECTED OUTLETS.

SMOKE DETECTOR REQUIREMENTS

SMOKE DETECTORS (SUPPLIED BY OTHERS) MUST BE INSTALLED ADJACENT TO THE BEDROOM AREAS, AND MUST BE INSTALLED ON EACH STORY OF THE HOME INCLUDING BASEMENTS. SMOKE DETECTORS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING, AND BE PERMANENTLY WIRED WITHOUT DISCONNECTING SWITCHES. SMOKE DETECTORS TO BE AN APPROVED TYPE IN ACCORDANCE WITH THE FBC 2006 AND NEC 2008.

NOTE!  
CABINETS, COUNTERS, SHELVES AND THE LIKE, SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS OF QUALITY AS OUTLINED IN THE NOTES TITLED "GENERAL MILLWORK NOTES", AND SHALL INCLUDE SUCH FEATURES, HARDWARE AND FINISHES AS DIRECTED BY THE OWNER. THE PLAN VIEWS INDICATED ARE FOR GENERAL LOCATION AND EXTENT OF THE WORK - UNLESS DETAILED CABINET PLANS ARE INCLUDED WITH THIS PLANS PACKAGE ALL OTHER PHYSICAL CHARACTERISTICS SHALL BE AS DIRECTED BY THE OWNER.

NOTE!  
PROVIDE 2X6 BACKING AT ALL OVERHEAD CABINET LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF BACKING TO BE 1'-0" AFF.

NOTE!  
ALL GLASS IN DOORS SHALL BE TEMPERED.

NOTE!  
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC. SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE!  
MOUNT CU & AHU ON 4" THK. CONC. PAD, SIZED TO EXTEND 4" BEYOND EQUIPMENT, ALL AROUND, SECURE EQUIPMENT W/ STL. STRAPS & TEC SCREWS @ EACH CORNER. REINF. SLAB W/ 6X6 10/10 WUM.

NOTE!  
PROVIDE TURNING VANES @ DUCT TURNS & ADJ. EXTRACTORS @ ALL BRANCH DUCT TAPS

PLUMBING "AS-BUILT" DRAWINGS  
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

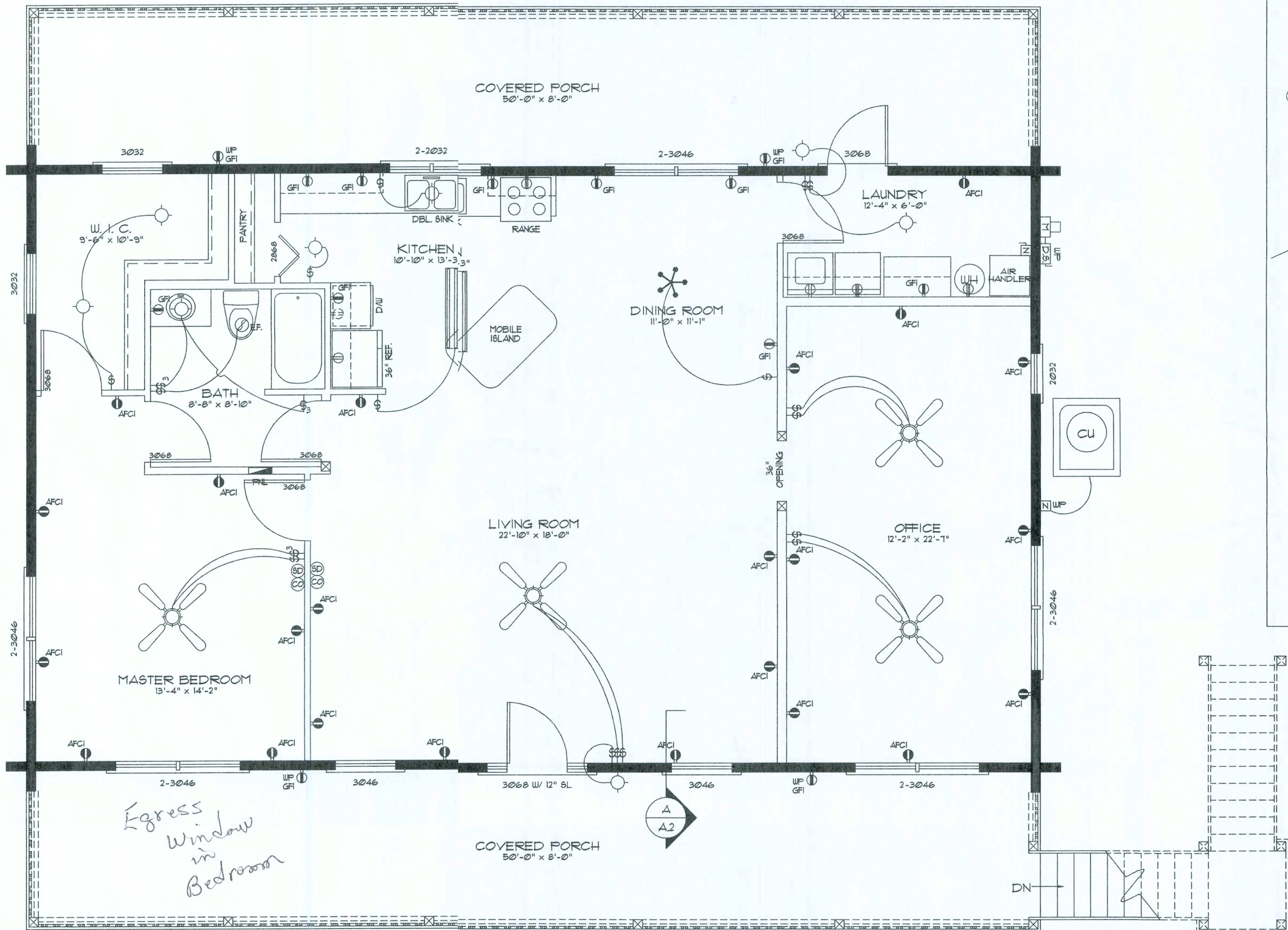
ELECTRICAL COMPUTATIONS

General Lighting/Receptacles @ 3w/sf			
1500.00 sf x 3w =	4500.0w		
Washer Circuit	1500.0w		
Dishwasher Circuit	1500.0w		
Sm. Appliance Circuits (3 @ 1500w)	4500.0w		
<hr/>			
Sub-Total	12000.0w		
1st 3KW @ 100%		3000.0w	
Bal. of KW @ 35%		3150.0w	
<hr/>			
Fixed Appliances:			
Refrigerator	1200.0w		
Cig. Fans (4 @ 200w)	800.0w		
Sump Pump	1200.0w		
Water Well Pump	1200.0w		
EUH	4500.0w		
Spares (8 @ 400w)	3200.0w		
<hr/>			
Sub-Total	12100.0w		
Load @ 75% DF.		9075.0w	
<hr/>			
100% Demand Factor Loads:			
Dryer	5000.0w		
Range	8000.0w		
HVAC System (4.0T Heat Pump)	4800.0w		
<hr/>			
Total Demand Load:		33025.0w	

FEEDER SIZE: 33025.0w / 240v = 137.60 amperes  
USE: 3 #2/0 THW w/ 1 # Cu GND / 2 1/2" C.  
PANEL: 200A - MLO - 120/240V - 1ø - 4 WIRE

GENERAL NOTES:

- THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
- THE CONTRACTOR AND/OR SUBCONTRACTORS SHALL WARRANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER. DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORKMANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD.
- AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD. FOR THE PURPOSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED, THE CONTRACTOR SHALL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY THE OWNER.
- THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VARIOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE OR FEDERAL.
- THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING OF THE PROJECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.
- ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUBCONTRACTORS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.
- ALL WORK SHALL BE IN ACCORDANCE W/ APPLICABLE CODES AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BE REPORTED TO S&H, INC. IN WRITING PRIOR TO THE COMMENCEMENT OF THE WORK.
- ALL INSULATION SHALL BE LEFT EXPOSED AND ALL LABELS LEFT INTACT ON THE WINDOWS, AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.
- ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
- INTERIOR BEARING WALLS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", BATT INSULATION SHALL BE INCLUDED WHERE UNCONDITIONED AREA IS BEING SEPARATED FROM HEATED / COOLED AREA.
- INTERIOR STUD WALLS SEPARATING LIVING AREA FROM GARAGE AREAS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", INCLUDING R-II BATT INSULATION.
- CEILINGS OVER ATTACHED GARAGES OR GARAGES W/ LIVING AREA ABOVE SHALL BE 5/8" FIRE CODE "C" GIB ON IX3 WOOD RUMRING AT 16" O.C. ATTACHED W/ 1 1/4" BUGLEHEAD SCREWS @ 6" O.C. ALONG EACH POINT OF BEARING.
- LOG WALLS SHALL BE ASSEMBLED IN ACCORDANCE WITH AS DETAILS FOUND IN THESE CONSTRUCTION DOCUMENTS, ALONG WITH THE APPLICABLE STRUCTURAL NOTES. LOG ENDS SHALL BE TRIMMED AS REQUIRED FOR A TIGHT, FLUSH AND TRUE FIT - REFER TO AS DETAILS FOR ADDITIONAL INFORMATION.
- ALL REFERENCED CYPRRESS MAY BE SUBSTITUTED WITH A SPECIES AND GRADE OF EQUAL OR BETTER PERFORMANCE VALUES.



AREA CALCULATION

GROSS LIVING AREA:	1500.00 SF
COVERED PORCH AREA:	760.00 SF
<hr/>	
TOTAL AREA:	2260.00 SF

Electrical Floor Plan

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

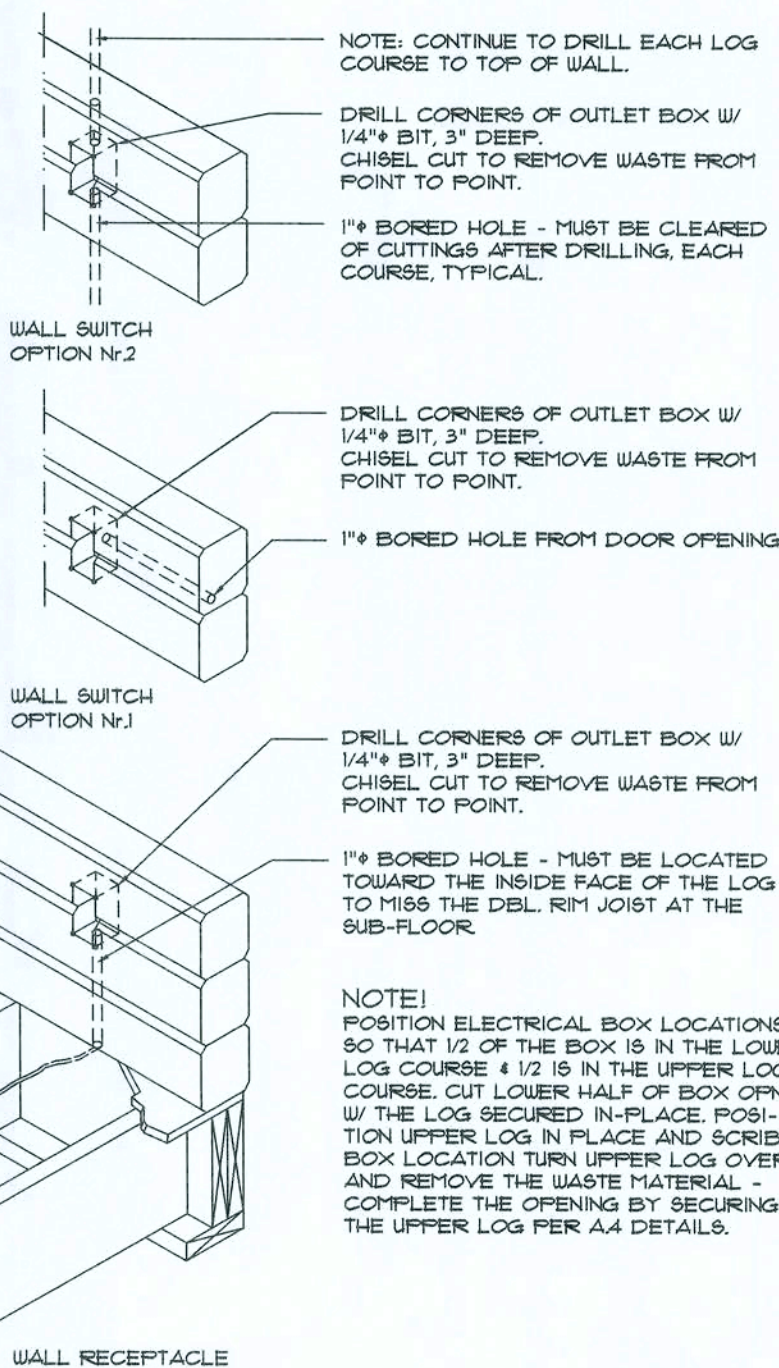
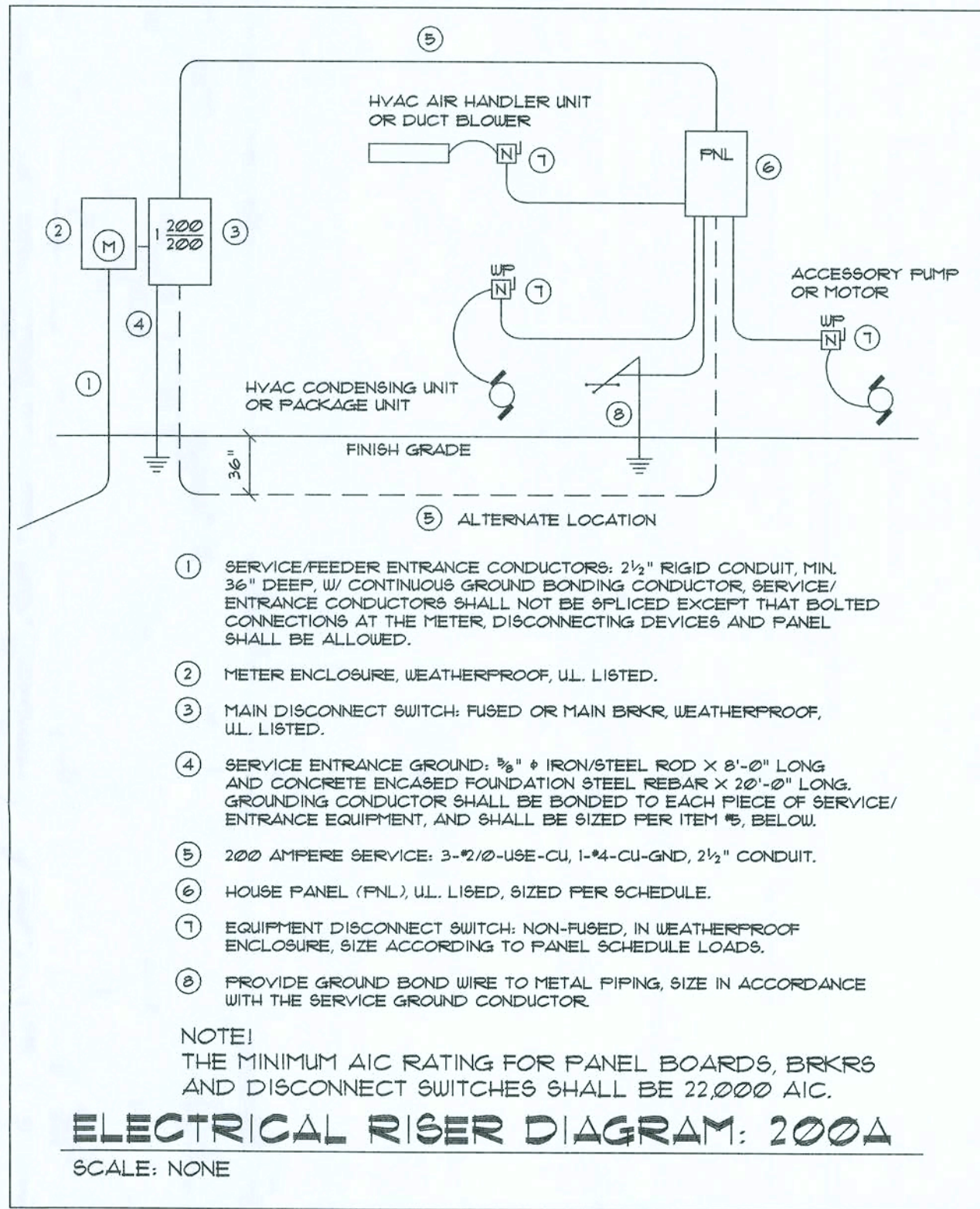
WINDOW SCHEDULE

C.O.	R.O.	S.O.	DESCRIPTION	FASTENING	HEADERS
2-2032	4'-3 1/16" x 3'-5 1/8"	2'-0" x 3'-2"	TWIN - DBL. HUNG ALUM. GLAD WOOD PREMIUM "TILT" WINDOW	8d COPPER NAILS @ 8" O.C.	2-6X8 "D" LOGS
2-3046	6'-3 1/16" x 4'-5 1/8"	3'-0" x 4'-6"	TWIN - DBL. HUNG ALUM. GLAD WOOD PREMIUM "TILT" WINDOW	8d COPPER NAILS @ 8" O.C.	2-6X8 "D" LOGS
2032	2'-2 1/4" x 3'-5 1/8"	2'-0" x 3'-2"	DBL. HUNG ALUM. GLAD WOOD PREMIUM "TILT" WINDOW	8d COPPER NAILS @ 8" O.C.	1-6X8 "D" LOGS
3032	3'-2 1/4" x 3'-5 1/8"	3'-0" x 3'-2"	DBL. HUNG ALUM. GLAD WOOD PREMIUM "TILT" WINDOW	8d COPPER NAILS @ 8" O.C.	1-6X8 "D" LOGS
3046	3'-2 1/4" x 4'-5 1/8"	3'-0" x 4'-6"	DBL. HUNG ALUM. GLAD WOOD PREMIUM "TILT" WINDOW	8d COPPER NAILS @ 8" O.C.	1-6X8 "D" LOGS

DOOR SCHEDULE

C.O.	R.O.	S.O.	DESCRIPTION	FASTENING	HEADERS
3068	3'-2 5/8" x 6'-11"	3'-0" x 6'-8"	WOOD CROSSBUCK ENTRY DOOR	8d COPPER NAILS @ 8" O.C.	1-6X8 "D" LOGS
3068	VERIFY	3'-0" x 6'-8"	WOOD CLAD FRENCH ENTRY DOOR WITH 12" SIDELIGHTS	8d COPPER NAILS @ 8" O.C.	2-6X8 "D" LOGS

NOTE!  
ALL WINDOW & DOOR ROUGH OPENING SIZES DO NOT INCLUDE THE SUB-BUCKS. ALL WINDOWS & DOORS ARE INSULATED AND WEATHERSTRIPPED AS MANUFACTURED BY "MUNDOUS" (MUNDOUS AND PATIO DOORS CO., ROCKY MOUNT, VIRGINIA, 24151) - OTHER MANUFACTURERS SHALL BE CONSIDERED AS "EQUAL" - OWNER SHALL VERIFY R.O. SIZES REQUIRED.  
NOTE, VERIFY EGRESS WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.  
NOTE, VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.  
NOTE, DO NOT SPLICE LOGS OVER WINDOWS AND DOORS.



Log Elec. Box Detail

SCALE: N.T.S.

REVISION

DRAWN

KEB

REVIEWED

GJG

Custom Log Home for:

Jane Blais  
Columbia Co. FL

GARY J. GILL, PE 51942

P.O. Box 187  
130 West Highway St.  
Live Oak, FL 32064  
Phone: (386) 362-3678  
Fax: (386) 362-6133  
Auth# 9461



SUVANNEE RIVER  
LOG HOMES, INC.  
Manufacturers  
Specializing in Cypress & Cedar Custom Homes  
4345 Highway 90, Wellborn, Florida 32094  
(904) 363-1066 / 1-800-363-1066

DATE

15DEC09

COMM

L0921

SHEET

A2

2 OF 8



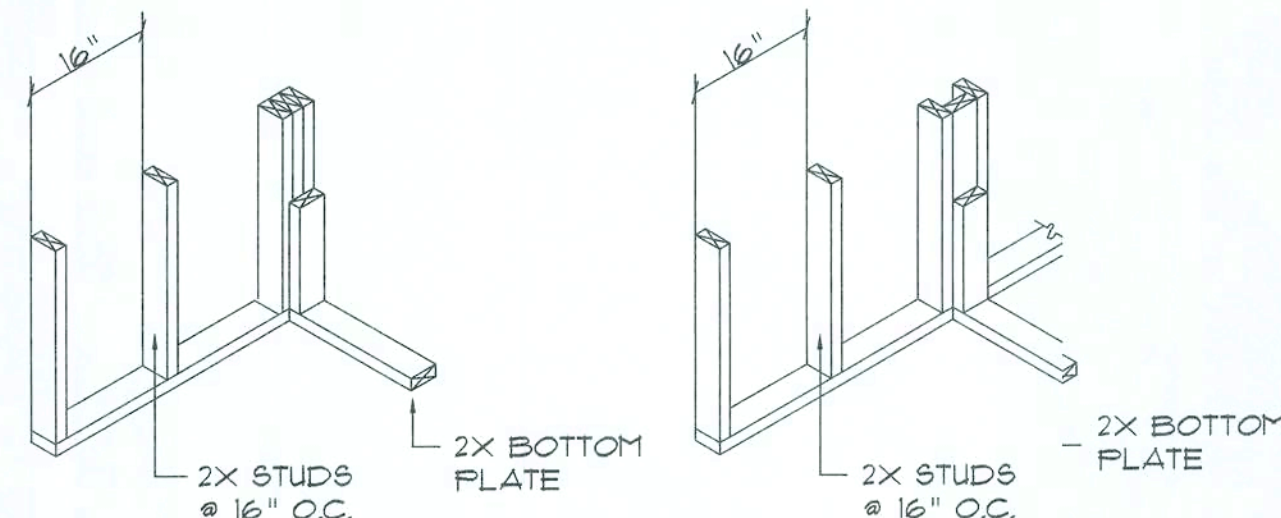
2X WOOD FRAMING @ 16" O.C. /  
1/3 LOG SIDING ON 3/8" FELT ON,  
1/2 PLYWOOD SHEATHING TYP.

CONT. METAL FLASHING  
BETWEEN FELT & SHEATHING

WALL LOGS - REFER TO PURCHASE  
AGREEMENT AS TO LOG STYLE, TYPE  
66A SHOWN - OTHER TYPES SIMILAR.

## Flashing DETAIL A

SCALE: N.T.S.

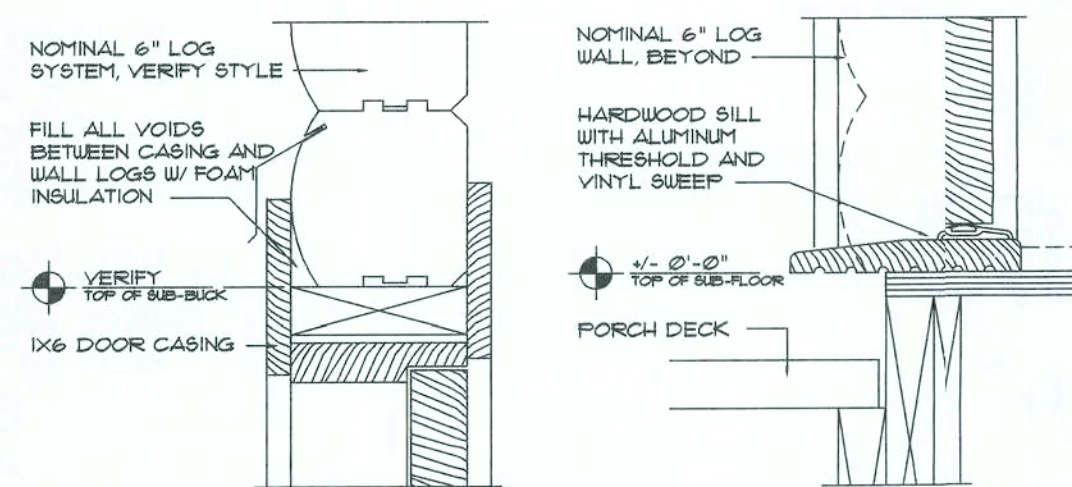


WALL CORNER

WALL INTERSECTION

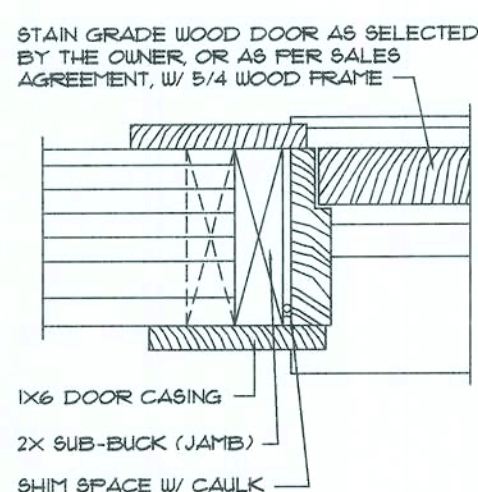
## Framing DETAIL F

SCALE: N.T.S.



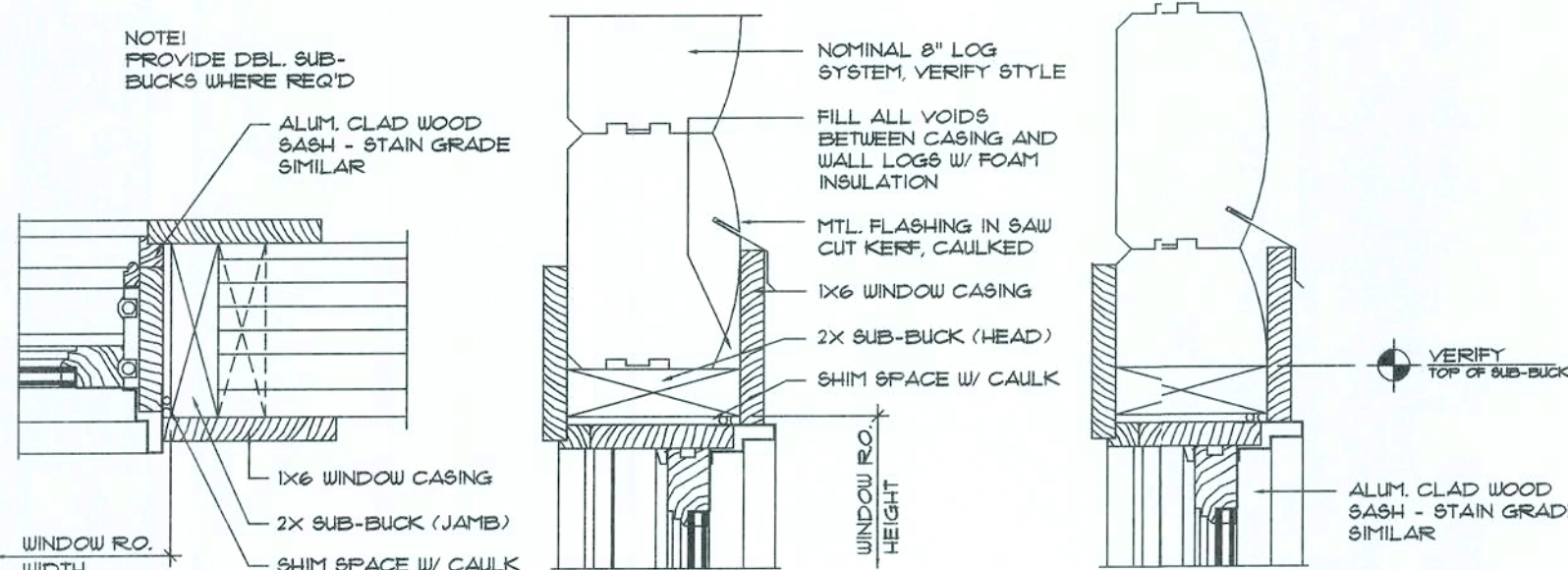
HEAD DETAIL  
DOOR

SILL DETAIL  
DOOR



JAMB DETAIL  
DOOR

SILL DETAIL  
WINDOW



JAMB DETAIL  
WINDOW

HEAD DET., FULL  
LOG STARTER

HEAD DET., 1/2  
LOG STARTER

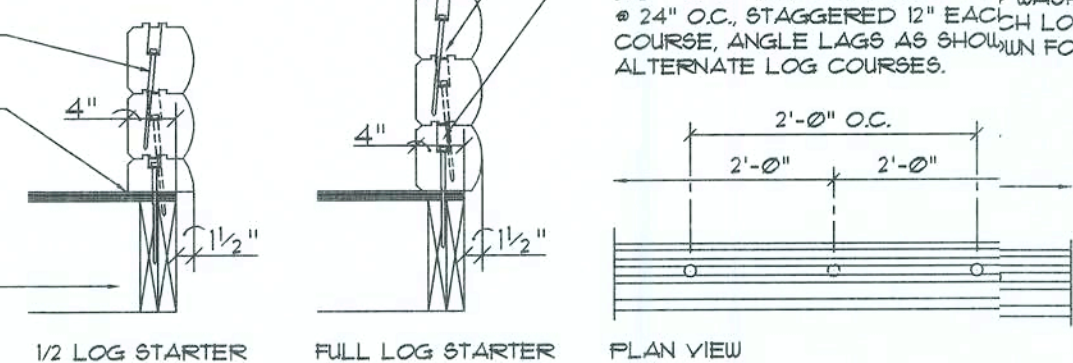
## Bucking Details G

SCALE: 2\"/>

RECESS LAGS SUFFICIENT TO PROVIDE  
A MIN. OF 4 3/4\"/>

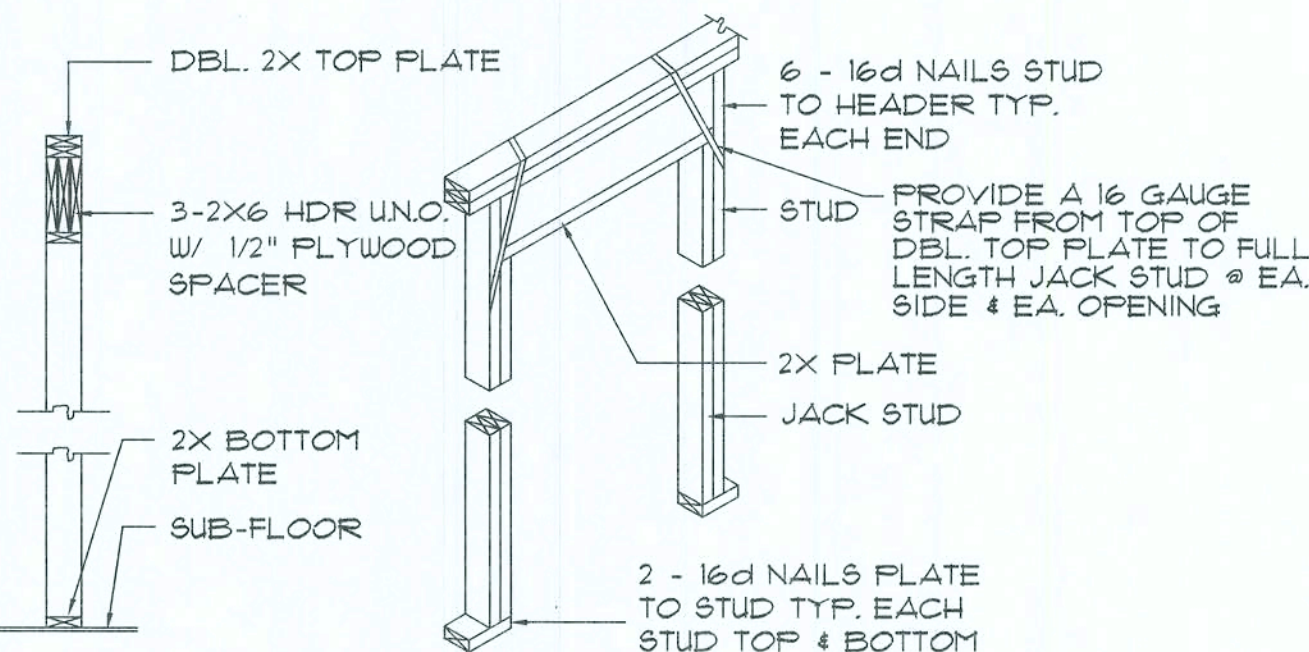
NOTE: DRILL 3/8\"/>

WOOD FLOOR SYSTEM W/ DECK, JSTS  
AND RH JOIST - SEE STEEL WALL DET.



## Lag Screw Placement B

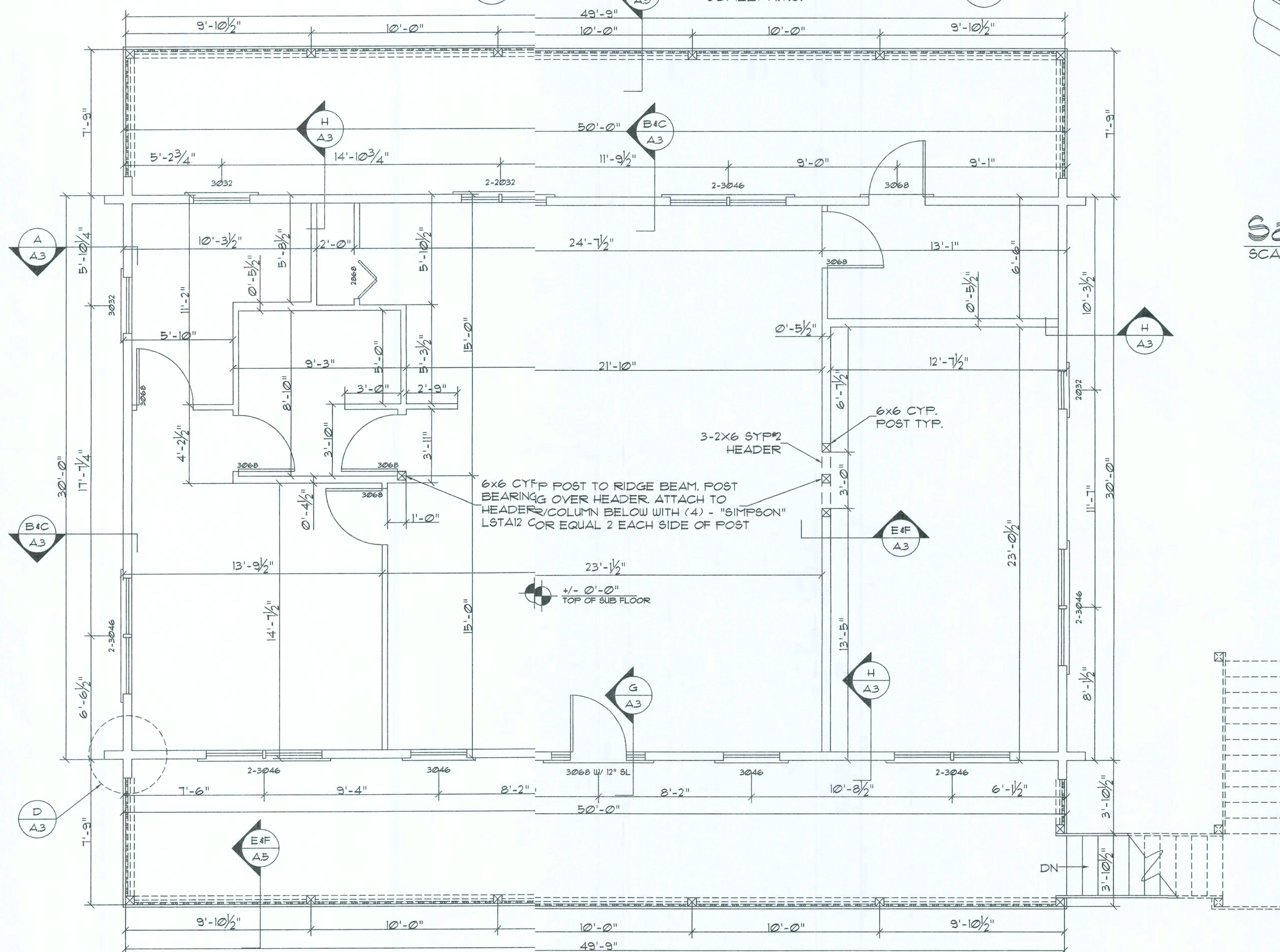
SCALE: 3/4\"/>



BEARING WALL HEADER

## Framing DETAIL E

SCALE: N.T.S.



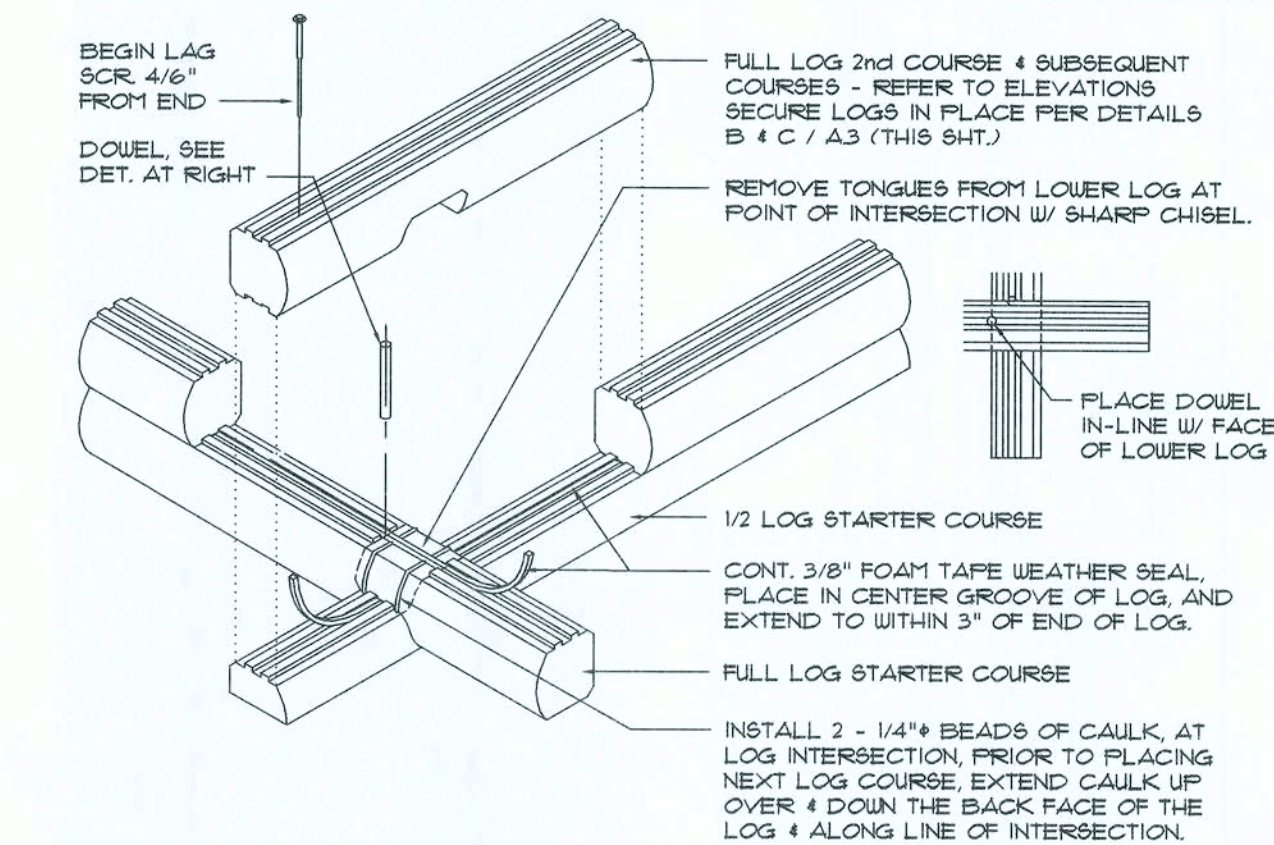
## Dimension Floor Plan

SCALE: 1/4\"/>

NOTE!  
ALL INTERIOR WALLS SHALL BE 3 1/2\"/>

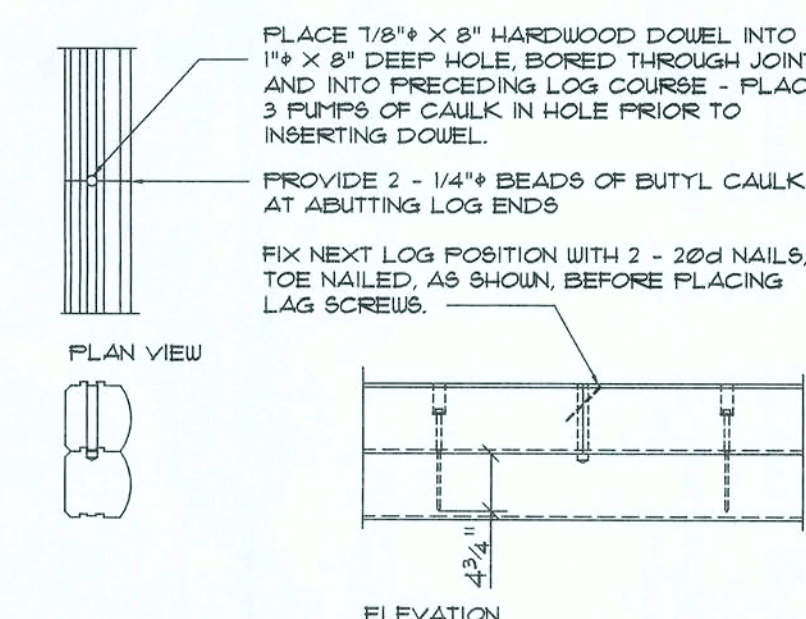
NOTE!  
ALL REFERENCED CYPRESS MAY BE SUBSTITUTED  
WITH A SPECIES AND GRADE OF EQUAL OR  
BETTER PERFORMANCE VALUES.

NOTE!  
ALL O/S LOG INTERSECTION JOINTS SHALL BE FULLY CAULKED AGAINST WATER PENETRATION.



## Saddle Notch Corner D

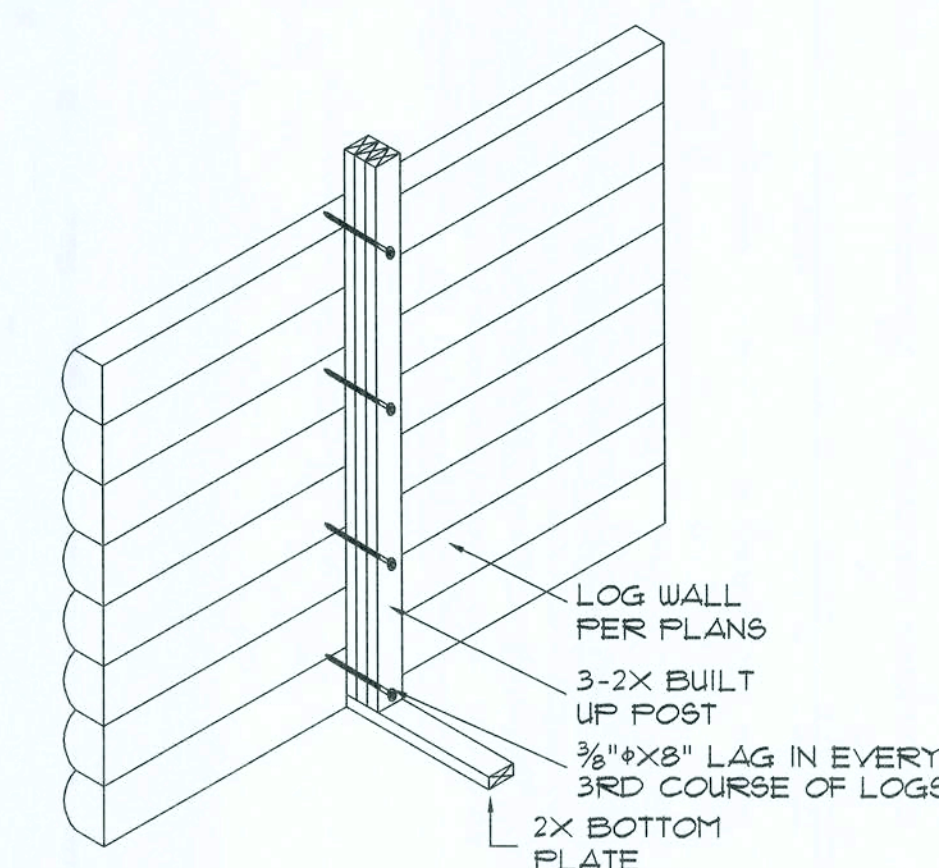
SCALE: 3/4\"/>



NOTE!  
FOR TIGHTER BUTT JOINTS, POSITION EA. NEW SECTION OF  
LOG IN PLACE AND "BUMP" INTO CONTACT W/ THE PRE-  
CEDING LOG SECTION W/ A 3 LB. HAMMER. SAW CUT THE  
JOINT WITH A "SAWZALL" OR SIMILAR STYLE POWER SAW -  
CUT ALL THE WAY TO THE PRECEDING LOG COURSE.  
CAULK & REBET THE LOG SECTION W/ THE 3 LB. HAMMER  
AND COMPLETE THE JOINT W/ 2 - 20d NAILS AS NOTED  
ABOVE. AFTER THE LOG SECTION IS LAGGED (2 MIN.)  
IN PLACE, COMPLETE THE DOUCEL PORTION OF THE JOINT.

## Log Splice DETAIL C

SCALE: 3/4\"/>



FRAMED WALL AT LOG WALL  
Framing DETAIL H

SCALE: N.T.S.

REVISION:

DRAWN:

KEB

REVIEWED:

GJG

Custom Log Home for:  
Jane Blais  
Columbia Co. FL

Gary J. Gill, PE 51942  
P.O. Box 187  
130 West Howard St.  
Live Oak FL 32064  
Phone: (386) 362-3678  
Fax: (386) 362-6133  
Auth # 9461



SUWANEE RIVER  
LOG HOMES, INC.  
Manufacturers  
Specializing in Cypress & Cedar Custom Homes  
4345 HIGHWAY 90 WELLSBORO, FLORIDA 32094  
904-565-1068/565-6471 / 1800-362-LOGS (5647)

DATE:

12DEC08

COMM:

L0921

SHEET:

A.3

3 OF 8

12/14/09







# PIER / POST SCHEDULE

- 6x6 CYPRESS POST
- 6x6 P/T POST
- 3-2x6 BUILT-UP POST
- 16" x 16" CONC. FILLED CONC. BLOCK  
W/ 2 #5 VERT. REBAR HOOKED TO FTG

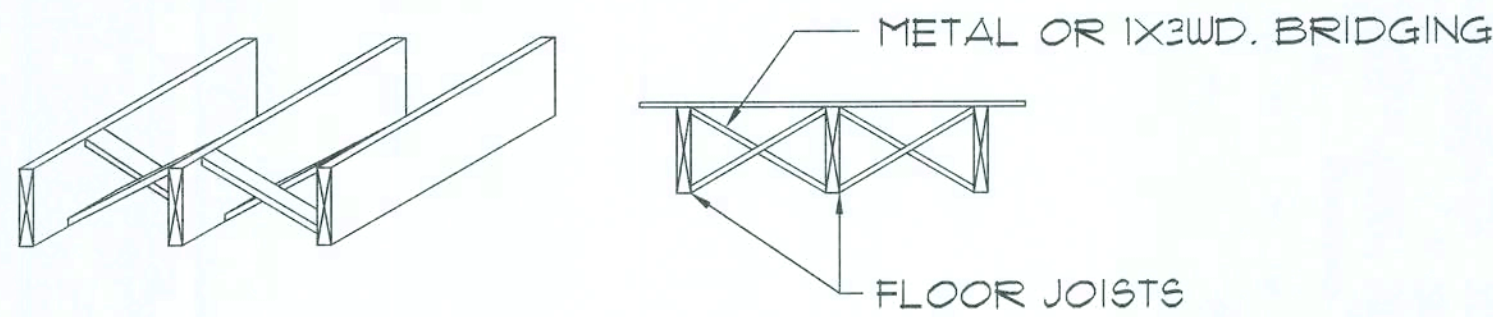
NOTE:  
ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

NOTE:  
REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.

NOTE:  
ALL UNLISTED JOINTS; IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

NOTE REGARDING PORCH/DECK HANGERS:  
ALL SIMPSON CONNECTORS SHALL BE ZMAX COATED WHERE IN CONTACT WITH PRESSURE TREATED LUMBER

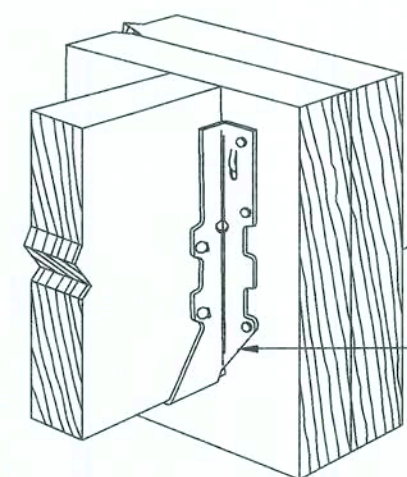
NAIL BRIDGING STRIPS AT TOP, BUT NOT AT BOTTOM, INSTALL SUB-FLOOR THEN SECURELY NAIL BRIDGING IN PLACE AFTER FRAMING IS COMPLETE.



NOTE: ALTERNATE BRIDGING MAY BE ACCOMPLISHED W/ SECTIONS OF FLOOR JOIST MATERIAL PLACED PERPENDICULAR TO JOISTS, STAGGERED ALONG THE LINE OF BRIDGING.

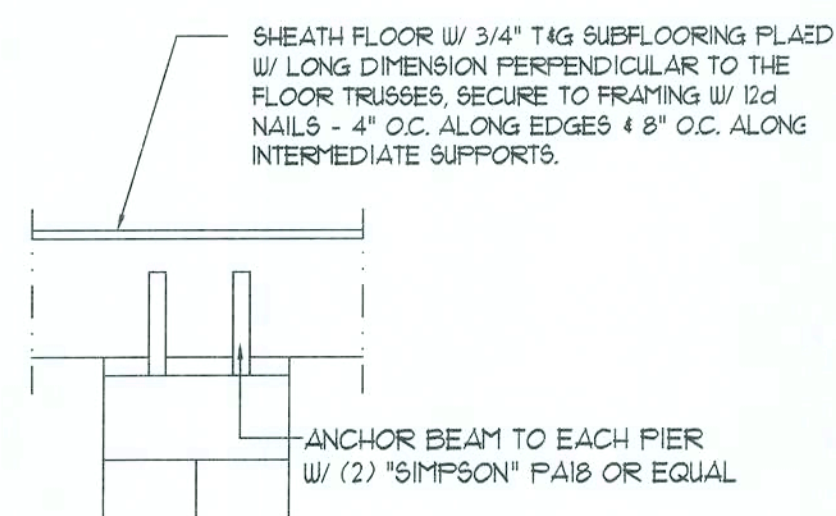
## Cross Bridging

SCALE: N.T.S.



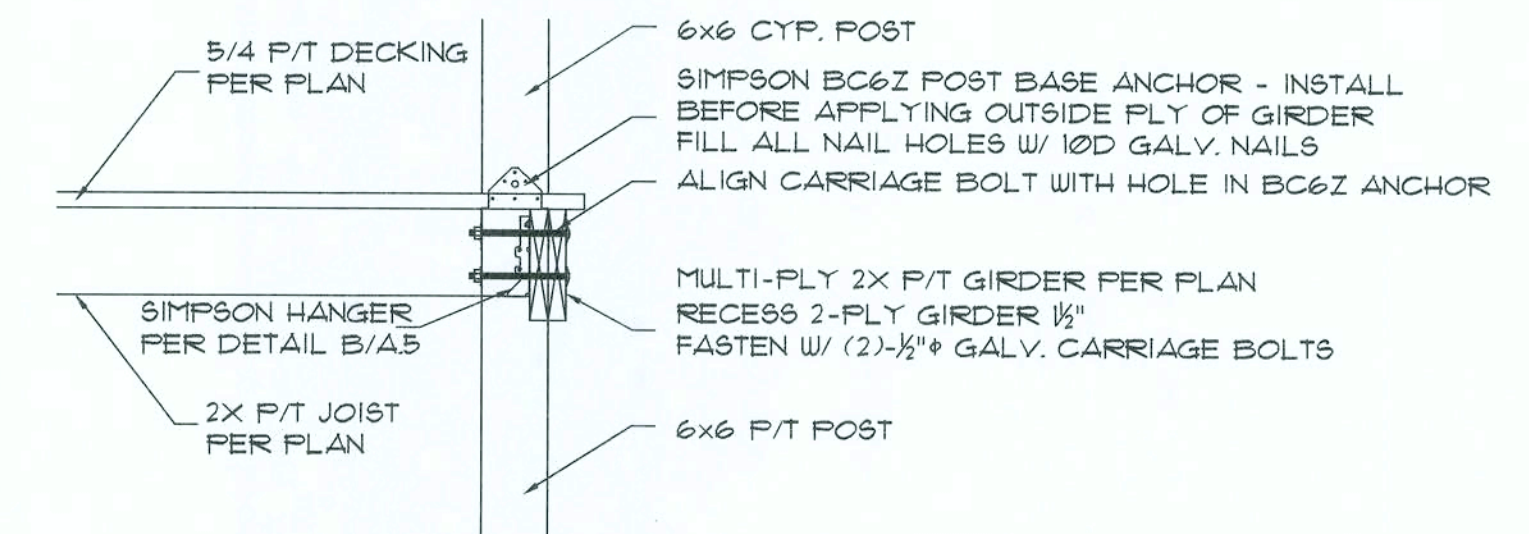
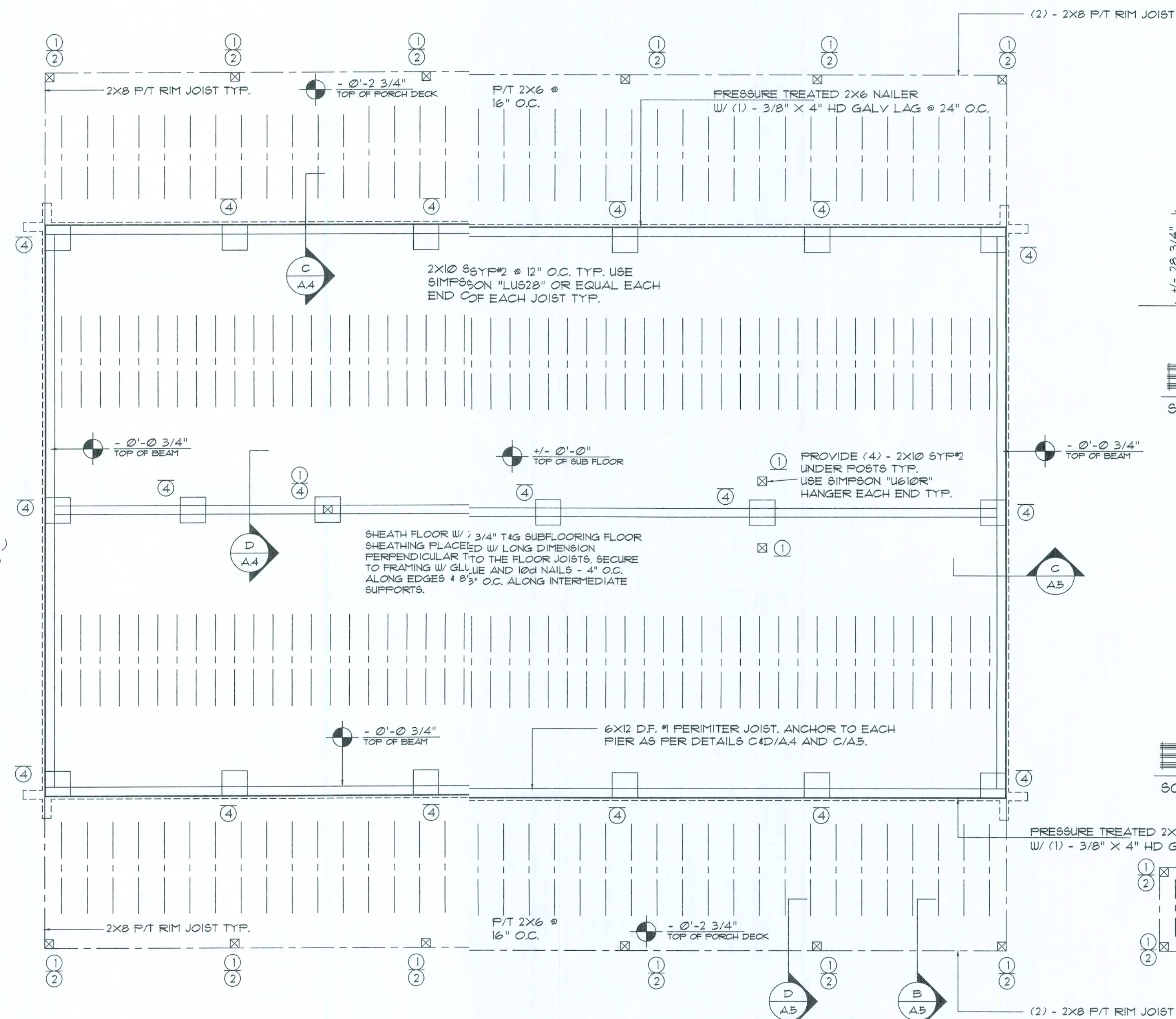
## Floor Framing

SCALE: N.T.S.



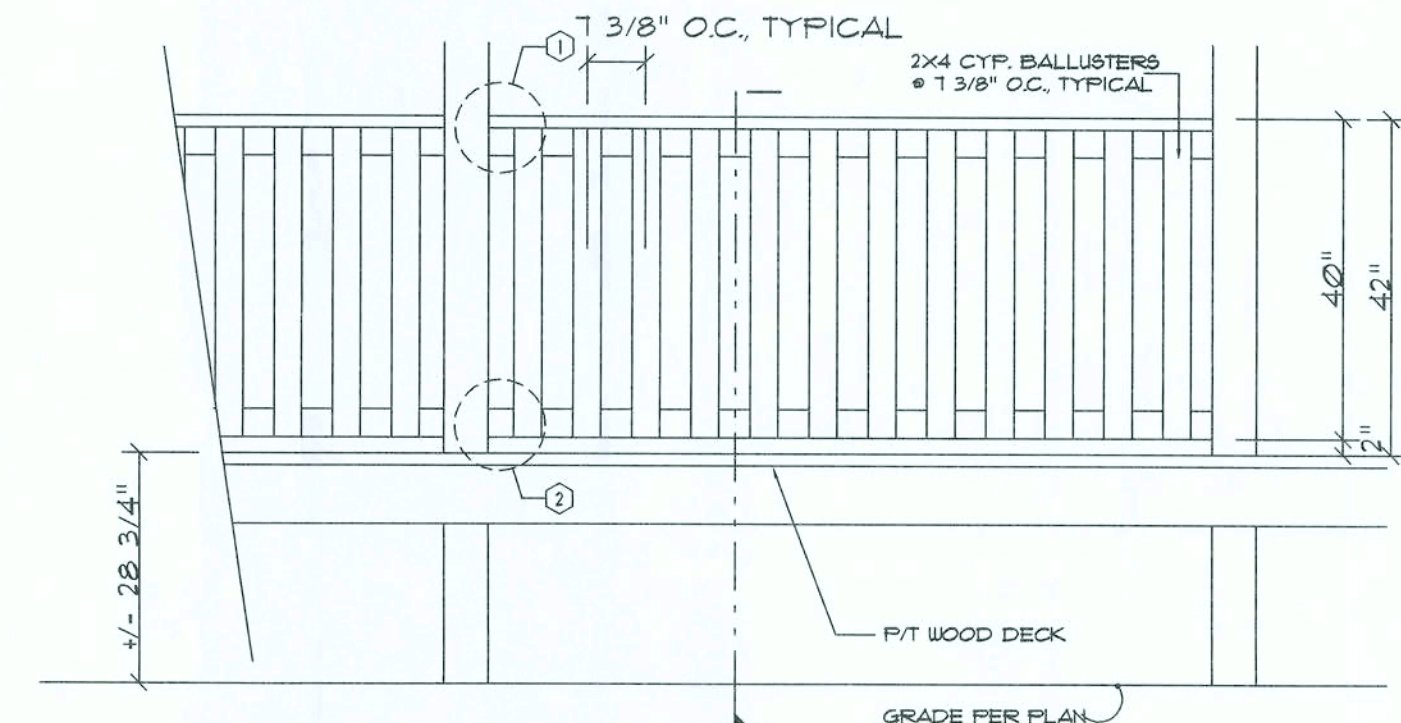
## Anchor Strap DETAIL

SCALE: N.T.S.



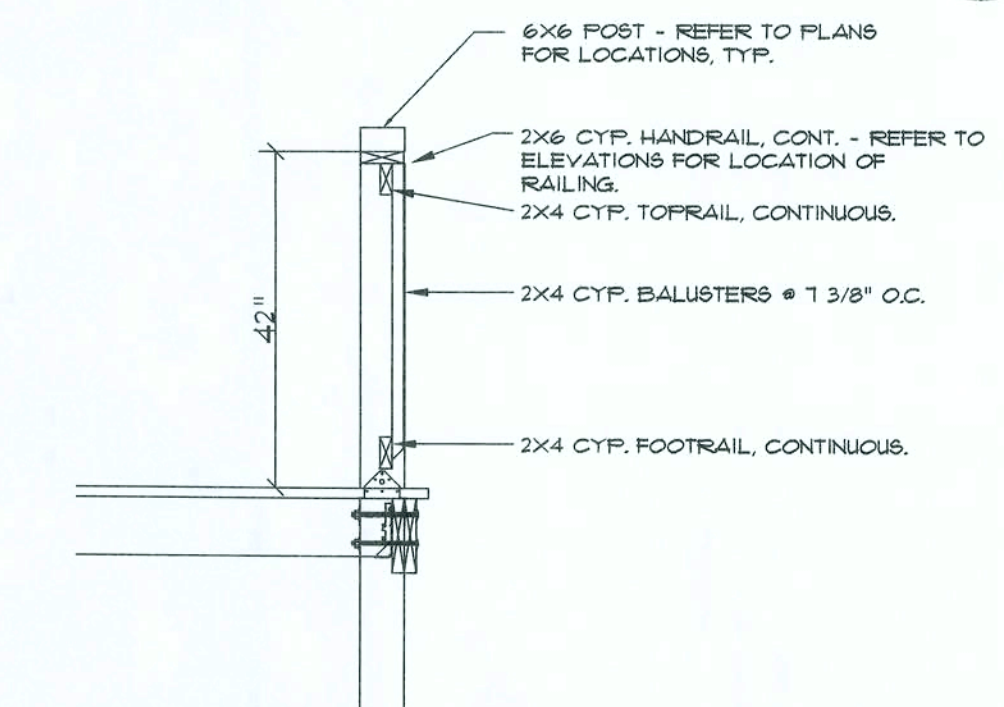
## Post to Post Detail

SCALE: N.T.S.



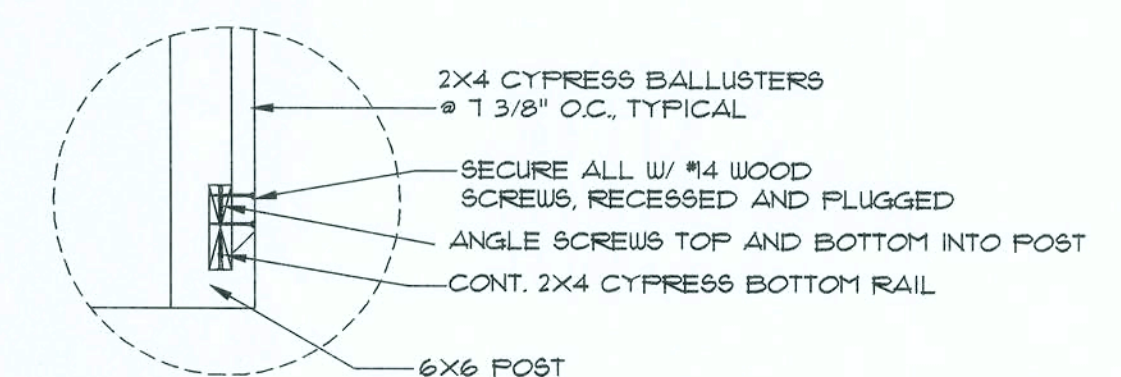
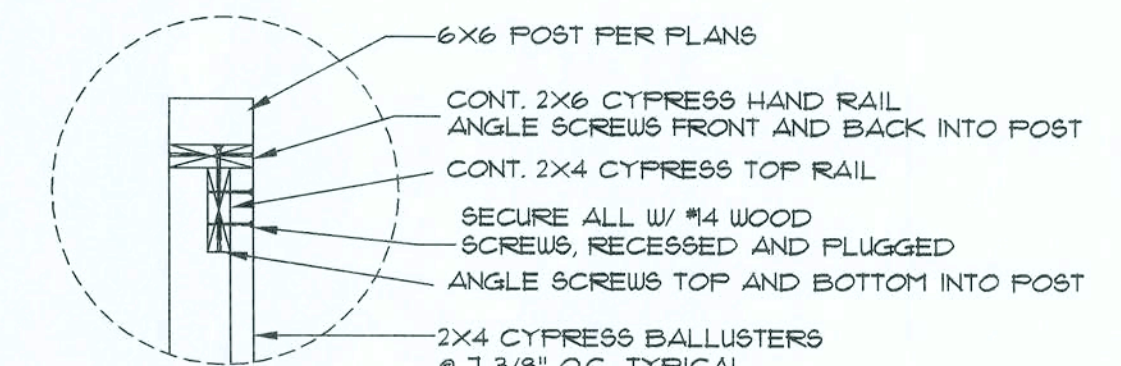
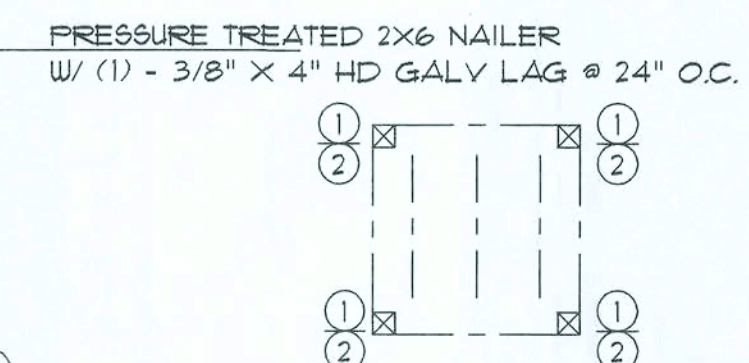
## Exterior Railing ELEV.

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



## Exterior Railing SEC

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



## DETAILS

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

## First Floor Framing Plan

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

REVISION

DRAWN

KEB

REVIEWED

GJG

Custom Log Home for:  
**Ted Smith**  
Alachua Co., FL

GARY J. GILL, PE 51942  
P.O. Box 187  
130 West Howard St.  
Live Oak, FL 32064  
Phone: (386) 362-3678  
Fax: (386) 362-6133  
Auth# 9461



SUNNYSIDE RIVER  
LOG HOMES, INC.  
Manufacturers  
Specializing in Cypress & Cedar Custom Homes  
4345 HIGHWAY 90, WELLSBORO, FLORIDA 32094  
(904) 363-1005 (904) 363-1006 (904) 363-1007

DATE

15DEC09

FORM

L0932

SHEET

A.5

5 OF 8

6/1/09



2X6 FURLINGS, @ 24" O.C., SECURE TO RAFTERS W/ 1/4"  
X 8" PANEL FAST., RECESSED  
3/4" INTO TOP OF FURLIN - PROVIDE 2 @ GABLE  
END WALL CROSSING, EA. FURLIN

Technical drawing of a roof eave edge detail, showing the relationship between the roof deck, rafters, and fascia. The drawing includes a cross-section of the roof structure with a 12% pitch indicated. The eave edge shows the roof deck, rafters, and a 2x6 purlin/sub-fascia. The fascia is shown as a 2x6 board. The drawing is labeled "EAVE EDGE, CONT. 2X6 PURLIN/SUB-FASCIA" and "2X CIP FASCIA BOARD".

SCALE: N.T.S.

— APPLY "SIMPSON" LST436  
CENTERED ON RIDGE, FILL ALL  
HOLES W/ 16d NAILS

- 2X6 PURLINS, 24"  
O.C., W/ 1" X 2" NOTCHES  
@ 24" O.C. ALONG TOP  
FACE OF PURLIN -  
SECURE PURLINS AS  
PER F/A.6

SCALE: N.T.S.

- FINISH ROOFING AS PER OWNER  
ON 30# FELT - INSTALL PER MFG'S  
RECOMMENDATIONS, ON 5/8" CDX  
PLYWD. SHEATHING, U.N.C.

4" ISO. INSUL. OVER ALL  
AREAS OF CONDITIONED SPACE.

SCALE: N.T.S.

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

SCALE: N.T.S.

SCALE: N.T.S.

SCALE: N.T.S.

SCALE: N.T.S.

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

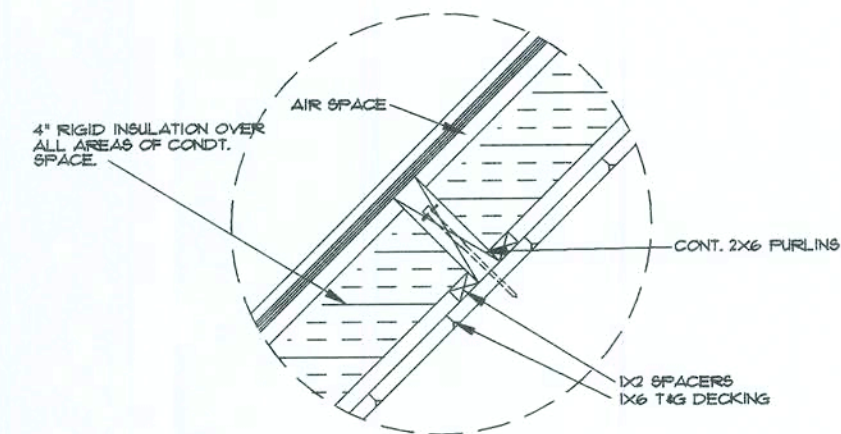
- ① 6X6 CYPRESS POST
- ② 6X6 P/T POST
- ③ 3-2X6 BUILT-UP POST
- ④ 16" x 16" CONC. FILLED CONC. BLOCK  
W/ 2 #5 VERT. REBAR HOOKED TO FTG

A.6

6 OF 8

within any other job without specific and individual authorization by the architect.



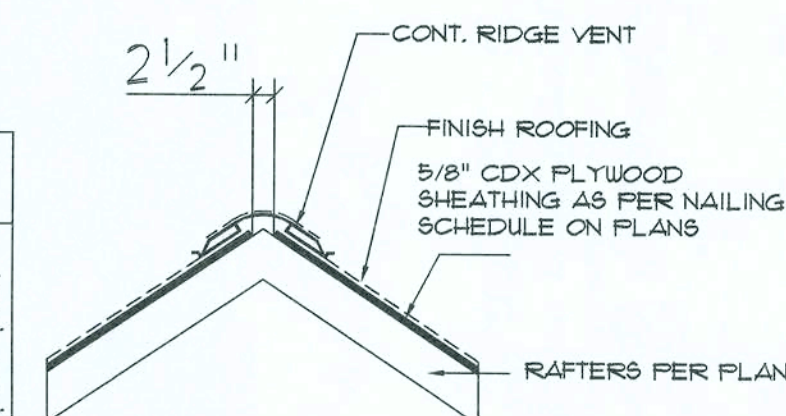


## Insulation DETAIL A

SCALE: N.T.S.

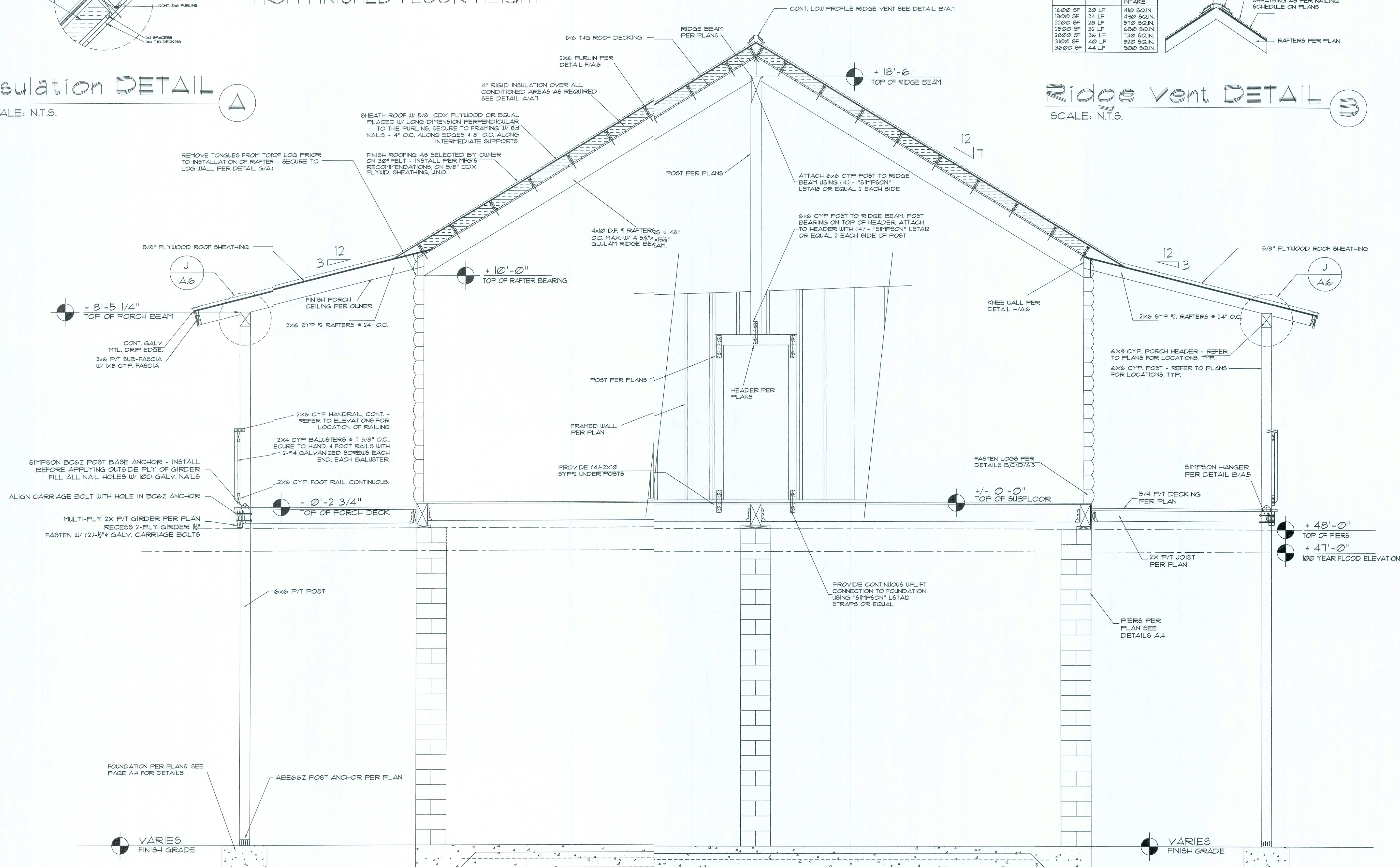
NOTE:  
ELEVATION MARKS ON HOME ARE  
FROM FINISHED FLOOR HEIGHT

AREA OF ATTIC	REQ'D LF OF VENT	NET FREE AREA OF INTAKE
1600 SF	20 LF	410 SQ.IN.
1800 SF	24 LF	490 SQ.IN.
2200 SF	28 LF	570 SQ.IN.
2500 SF	32 LF	650 SQ.IN.
2800 SF	36 LF	730 SQ.IN.
3100 SF	40 LF	810 SQ.IN.
3600 SF	44 LF	900 SQ.IN.



## Ridge Vent DETAIL B

SCALE: N.T.S.



## Building Section

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

REVISION

DRAWN

KEB

REVIEWED

GJG

Custom Log Home for:  
**Jane Blais**  
Columbia Co. FL

These drawings, and instruments of service, are the sole property of the architect, and may not be used, copied or reproduced in whole or in part for any other project without specific and written authorization by the architect.

GARY J. GILL, P.E. 51942  
P.O. Box 187  
130 West Howard St.  
Live Oak FL 32064  
Phone: (386) 362-3678  
Fax: (386) 362-6133  
Auth # 9461



**SUNAWEE RIVER LOG HOMES INC.**  
Manufacturers  
Specializing in Cypress & Cedar Custom Homes  
4048 Highway 90, Live Oak, FL 32064, 32064  
386-362-3678 / 386-362-6133 / 1-800-953-LOGS

DATE:

15DEC09

COMM:

L0321

SHEET:

A.7

7 OF 8

12/14/09



[illegible]