



A Custom Log Home for
Richard Jackson
 AND
Laura Carroll
 Columbia County, Florida

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A Custom Log Home For:
Richard Jackson and Laura Carroll
 COLUMBIA COUNTY, FLORIDA

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DATE: 28-MAY-16
 COMB: RC16-001

DRAWN: KEB
 REVIEWED: GJG

REVISION:

SHEET: CS

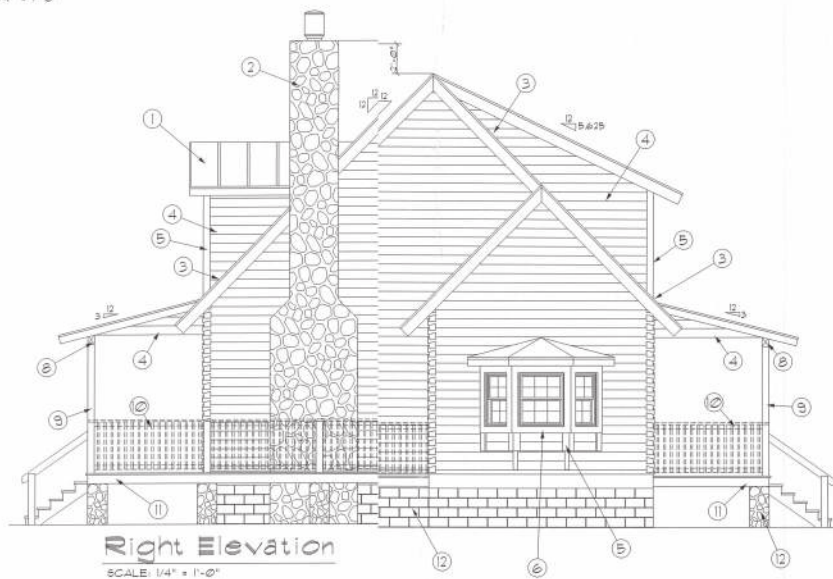




ALL WIND LOADS ARE IN ACCORDANCE WITH ASCE 7-10, FLORIDA BUILDING CODE	
BASIC WIND SPEED:	100 MPH
WIND IMPORTANCE FACTOR (I):	1.00
BUILDING CATEGORY:	CATEGORY II
WIND EXPOSURE:	'B'
COMPONENTS & CLADDING	
INTERNAL PRESSURE COEFFICIENT:	+/- 0.18
COMPONENTS & CLADDING DESIGN WIND PRESSURES:	ZONE 1: 23.7 / +25.9 PSF ZONE 2: 23.7 / +20.3 PSF ZONE 3: 23.7 / +30.3 PSF ZONE 4: 25.9 / +28.3 PSF ZONE 5: 25.9 / +34.7 PSF

GENERAL NOTES:

- ① METAL ROOFING AS SELECTED BY OWNER
- ② PRE-FAB METAL FIREPLACE
- ③ CONT. METAL FLASHING
- ④ LOG SIDING TO MATCH LOG WALLS
- ⑤ 1X6 CYPRESS TRIM AT ALL O/S CORNERS, DOORS & WINDOWS, TYPICAL T.O.
- ⑥ WINDOW PER PLAN
- ⑦ ENTRY DOOR PER PLAN
- ⑧ 6X8 BEAM
- ⑨ 6X6 POSTS
- ⑩ 2X4 RAILING, SEE A12 FOR DETAILS
- ⑪ P/T WOOD DECK & STEPS
- ⑫ MASONRY FOUNDATION - REFER TO OWNER AS TO FINISH



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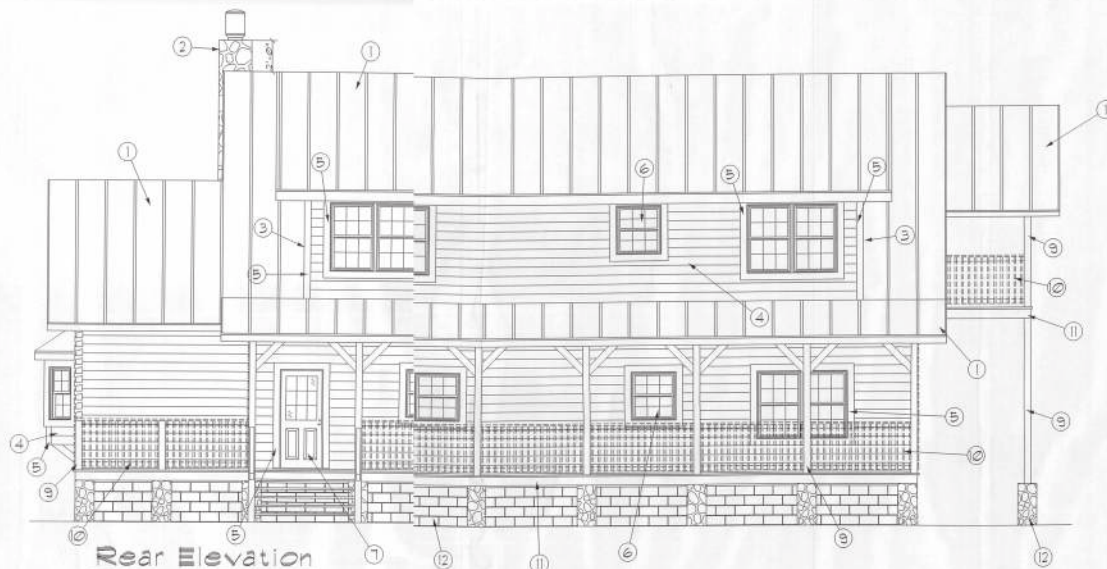
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These drawings are representations of the work, and the owner hereby agrees to hold the architect harmless from all liability for any and all claims, damages, or expenses, including reasonable attorney's fees, arising from the use of these drawings for any purpose other than that for which they were prepared.

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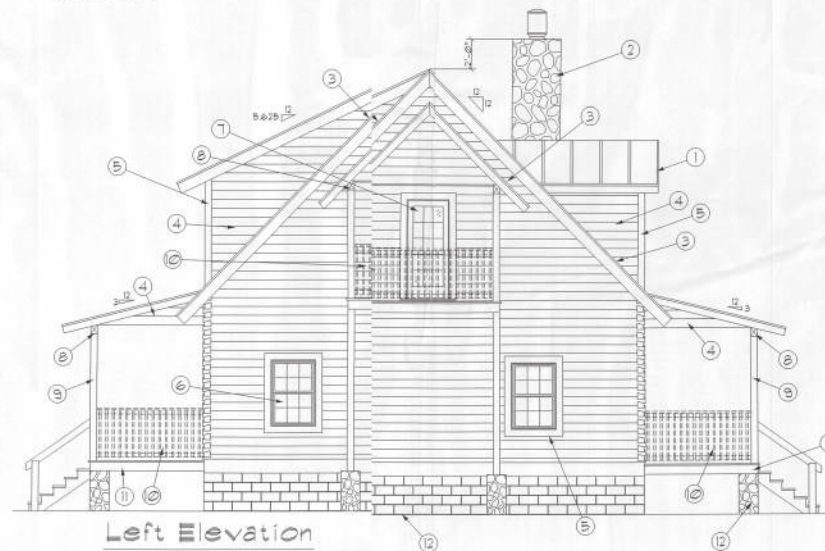
REVISION:
SHEET: 194





GENERAL NOTES:

- ① METAL ROOFING AS SELECTED BY OWNER
- ② FIRE-PAS METAL FIREPLACE
- ③ CONT. METAL FLASHING
- ④ LOG SIDING TO MATCH LOG WALLS
- ⑤ 1X6 CYPRESS TRIM AT ALL O/S CORNERS, DOORS & WINDOWS, TYPICAL T.O.
- ⑥ WINDOW PER PLAN
- ⑦ ENTRY DOOR PER PLAN
- ⑧ 6X8 BEAM
- ⑨ 6X6 POSTS
- ⑩ 2X4 RAILING, SEE A12 FOR DETAILS
- ⑪ P/T WOOD DECK & STEPS
- ⑫ MASONRY FOUNDATION - REFER TO OWNER AS TO FINISH



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 2 of 4



ELECTRICAL SYMBOLS

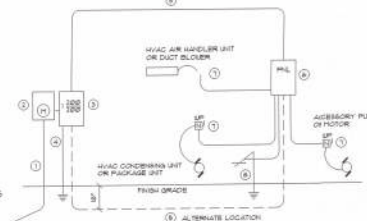
- SPST WALL SWITCH
- DPDT WALL SWITCH (3-WAY)
- DUPLEX WALL RECEPTACLE
- APCI PROTECTED CIRCUIT
- 720V OUTLET
- GND FAULT INTERRUPTER DUPLEX RECEPT.

- WEATHER PROOF GPI DUPLEX RECEPT.
- WEATHER PROOF GPI DUPLEX RECEPT.
- WEATHER PROOF LIGHT FIXTURE
- WEATHER PROOF LIGHT FIXTURE
- NON-FUSED ISC. SW. WEATHER PROOF
- LOW VOLTAGE PUSH BUTTON
- GARAGE DOOR OPENER

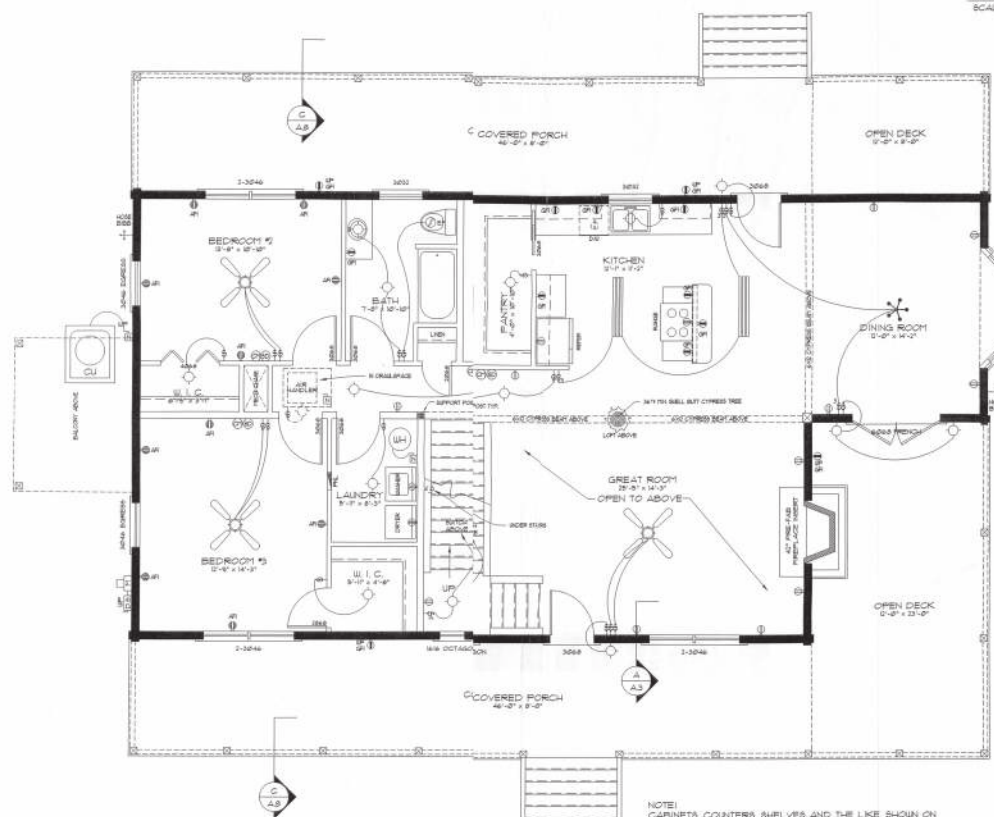
- CEILING FAN, W/ INC. LIGHT FIXTURE
- SMOKE DETECTOR, 240V
- CARBON MONOXIDE DETECTOR
- ELECTRICAL PANEL
- EXHAUST FAN
- 48" FLUORESCENT LIGHT FIXTURE

- Service/Feeder Entrance Conductors: 21/2" rigid conduit, min 8" deep or continuous Ground Bonding Conductor. Service/Feeder Conductors shall not be spliced except the bonded conductors at the Meter, Disconnecting Device and Panel and be secured.
- Main Disconnect Switch: Listed, UL Listed.
- Main Disconnect Switch: Listed or Main Breaker, weatherproof, UL Listed.
- Service entrance ground: N.Y. + grounded rod x 6-8" long and/or concrete and steel foundation steel rebar x 1/2" dia. Long. Grounding Conductor shall be bonded to each piece of Service/Feeder Equipment, and shall be sized per NEC Table 250.66.
- FEEDER SERVICE: 2-1/2" RIGID CONDUIT, 1/4" DIA. (1/2" DIA. 2" CONDUIT).
- House Panel (FPEL) UL Listed, sized per schedule.
- Equipment Disconnect Switch: Listed, weatherproof, and shall be sized per NEC Table 250.66.
- Provide Ground Bond wire to metal piping, size in accordance with the Service Ground Conductor.

NOTE:
THE MINIMUM AIC RATING FOR PANEL, BOARD, BREAKERS AND DISCONNECT SWITCHES SHALL BE 22,000 AIC.



ELECTRICAL RISER DIAGRAM: 200A
SCALE: NONE



1st Floor Electrical Plan

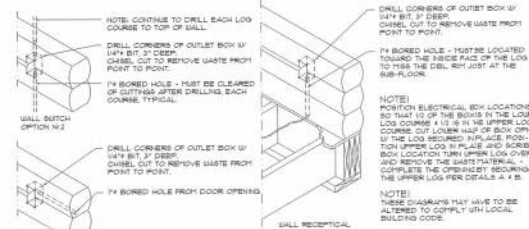
SCALE: 1/4" = 1'-0"

AREA CALCULATION

1ST FLOOR LIVING AREA:	1563.00 SF
2ND FLOOR LIVING AREA:	919.00 SF
GROSS LIVING AREA:	2482.00 SF
COVERED PORCH AREA:	136.00 SF
OPEN DECK AREA:	372.00 SF
BALCONY AREA:	80.00 SF
TOTAL AREA:	3480.00 SF

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. FINISH WITH FACE OF FRAMING - TOP OF BACKING TO BE 1'-0" AFF.



Log Elec. Box DETAIL
SCALE: N.T.S.



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DATE:	26 MAY 16	DRAWN:	KEB	REVIEW:	GJG	SHEET:	A.3
DATE:	06 MAY 16	DRAWN:	KEB	REVIEW:	GJG	SHEET:	3 of 4



WINDOW / DOOR NOTES

2. • CALL OUT
3. • ROUGH OPENING

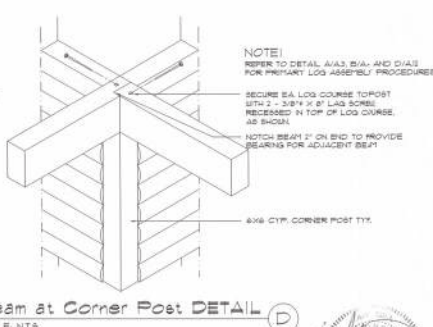
VERIFY EXCESS WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.
VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.

1. WINDOW / DOOR ROUGH OPENING SIZES DO NOT INCLUDE THE B-BUCKS.

2. WINDOW / DOOR ARE INSULATED AND WEATHER-STRIPPED AS 19G / "ANDERSEN" (ANDERSEN CORPORATION, 40 FOURTH AVENUE NORTH, LYFORD MINNESOTA 55040); OTHER MANUFACTURERS SHALL BE CONSIDERED AS "EQUAL". OWNER SHALL VERIFY A.O. SIZES REQUIRED.

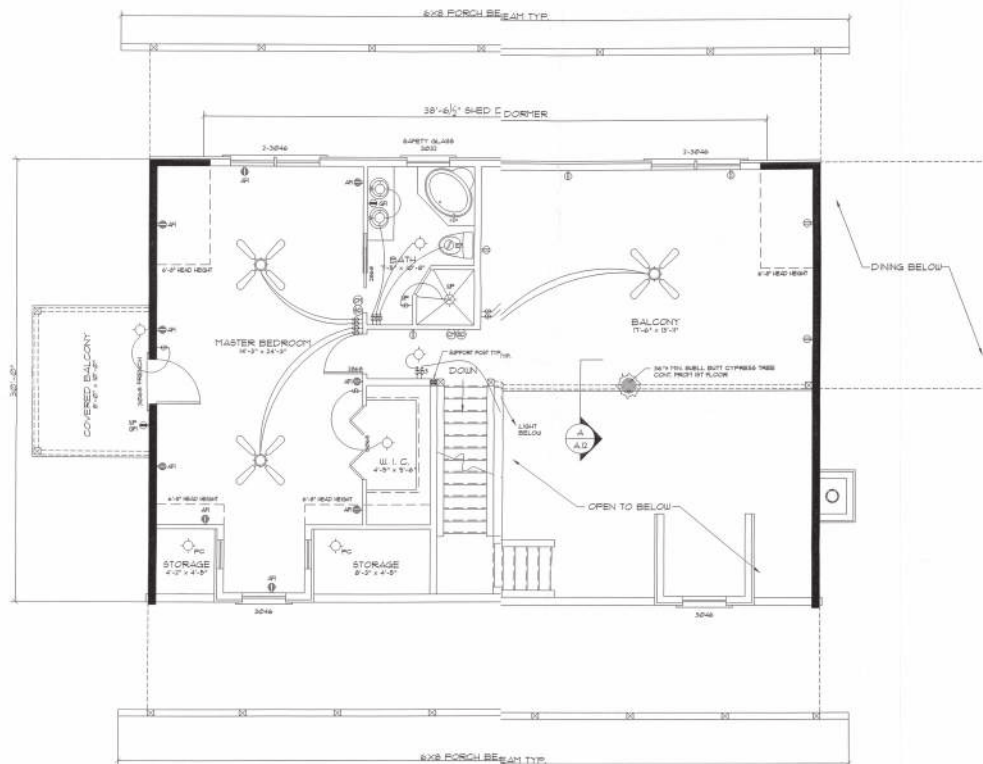
2" RND. HAND GRIP
 1/2" SUPPORTS @ 1/2" O.C. COPE TO
 FIT HANDRAIL & HAND GRIP
 6" RND. CYPRUS
 HANDRAIL

HANDRAIL DET.
 AC-6-NTS



 GILL ENGINEERING SERVICES, INC. AUTH # 30834 GARY GILL, PE #1042 426 SW Commerce Dr 130-M Lake City, FL 32025 (386) 590-1243	 Log Home Guys LLC 295 NW Commons Loop Ste. 115-300 Lake City, Florida 32055 (866) 306-1697 LogHomeGuys.com	A Custom Log Home For: Richard Jackson and Laura Carroll COLUMBIA COUNTY, FLORIDA These drawings, as instruments of service, are the sole property of Log Home Guys LLC, and may not be used, copied or reproduced in whole or in part for any use not intended without the written consent of Log Home Guys LLC. Other job related specific use without authorization by Log Home Guys LLC.		DATE: 26MAY16 COMD: RC16-001	DRAWN: KEB REVIEWED: GJG	REVISIONS: 	SHEET: A-4 4 of 4	

	SPST WALL SWITCH		WEATHER PROOF DUPLEX RECEPT. LIGHT FIXTURE		WEATHER PROOF LIGHT FIXTURE		NON-FUSED 1/2 IN. WEATHER PROOF LOW VOLTAGE 120 VOLT BUTTON		GARAGE DOOR OPENER		CEILING FAN W/ INC. LIGHT FIXTURE
	DPDT WALL SWITCH (3-WAY)		DUPLEX WALL RECEPTACLE, DEDICATED		APCI PROTECTED CIRCUIT		120V OUTLET		SMOKE DETECTOR, 120V		CARBON MONOXIDE DETECTOR
	GND FAULT INTERRUPTER DUPLEX RECEPT.		ELECTRICAL PANEL		EXHAUST FAN		48" FLUORESCENT LIGHT FIXTURE				



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

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 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.

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WINDOW / DOOR NOTES
 10 = CALL OUT
 20 = ROUGH OPENING
 CRIFT EXPRESS UNDOOR REQUIREMENTS PRIOR TO CONSTRUCTION.
 CRIFT ROUGH OPENING UNDOOR REQUIREMENTS PRIOR TO CONSTRUCTION.
 ALL UNDOOR & DOOR ROUGH OPENING SIZES DO NOT INCLUDE THE
 KICK-BUCKS.
 ALL UNDOOR & DOORS ARE INSULATED AND WEATHER-STRIPPED AS PER
 31 "ANDERSEN" (ANDERSEN CORPORATION, ONE FOURTH AVENUE NORTH,
 BAYPORT, MINNESOTA 55431). OTHER MANUFACTURERS SHALL BE
 CONSIDERED AS "EQUAL". OWNER SHALL VERIFY NO. SIZES REQUIRED

NOTE:
ALL INTERIOR WALLS SHALL BE $\frac{1}{2}$ "
UNLESS OTHERWISE NOTED



BILL NOTE:
2X4 P/T WOOD BILL CONT. ALL AROUND W/ 5/8" AB. W/
3" SQ. X 1/4" PLATE WASHERS WITHIN 8" FROM EACH
CORNER, EA. WAY, & WITHIN 8" FROM ALL WALL
OPENINGS / ENDS - 1/2" AB. W/ 2" SQ. WASHERS ALONG
EACH RUN * 48" O.C. MAX. - ALL ANCHOR BOLTS SHALL
HAVE A MINIMUM OF 8" EMBEDMENT INTO THE
CONCRETE.

EXT. FRAME WALL NOTE:
CONSTRUCT EXTERIOR WALLS W/ 2 TOP PLATES &
BILL PLATE, 2X4 STUDS @ 16" O.C., "SIMPSON"
5P/5P2 STUD/PLATE CONNECTORS, SHEATH WALL
W/ 1/2" OSB, APPLIED W/ 8d COMMON NAILS @ 4"
O.C. ALONG EDGES & 8" O.C. ALONG INTERMEDIATE
SUPPORTS

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FOOTING SCHEDULE

- A 24" X 12" X 12" CONT. FOOTING W/ 3 # REBAR, BOTTOM CONT. #1 #4 REBAR # 48" O.C. TRANSVERSE
- B 36" SQ. X 12" THK. PAD FOOTING W/ 5 # EA. WAY, BOTTOM INTEGRAL WITH SLAB
- C 36" SQ. X 12" THK. PAD FOOTING W/ 5 # EA. WAY, BOTTOM INTEGRAL WITH SLAB
- D 18" X 12" X 12" MONO FOOTING W/ 2 # REBAR, BOTTOM CONT. #1 #4 REBAR # 36" O.C. TRANSVERSE

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

PIER / POST SCHEDULE

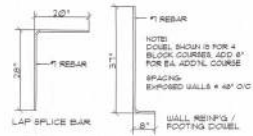
- 1 15" X 12" CONC. FILLED CONC. LOOK W/ 2 # VERT. REBAR HOOKED TO PTS
- 2 8" X 16" CONC. FILLED CONC. LOOK W/ 2 # VERT. REBAR HOOKED TO PTS
- 3 6X6 CYP POST
- 4 4-2X6 BUILT UP POST
- 5 8" SUELL BUTT TREE

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 3000 PSF.
- 3 ALL CONCRETE SHALL BE 3000 PSI.
- 4 PROVIDE ACCESS AND VENTS AS PER CODE.
- 5 FLOOR SYSTEM IS RATED USING 15 PSI.
- 6 DOUBLE FLOOR JOIST UNDER ALL PARALLEL PARTITION WALLS.
- 7 ALL EXPOSED FRAMING ON PORCHES AND DECKS SHALL BE PRESSURE TREATED.
- 8 PROVIDE SOLID BLOCKING UNDER ALL BEARING POINTS.
- 9 ALL ANCHOR STRAPS, POST BASES, ANCHOR BOLTS AND ALL OTHER ASSOCIATED METAL CONNECTORS REQUIRED TO BE PLACED PRIOR TO POURING CONCRETE. BY THE PLANS AND/OR PERMIT ISSUING AUTHORITY, SHALL BE PROVIDED BY THE CONTRACTOR.
- 10 ALL OTHER FRAMING CONNECTORS AND THE ASSOCIATED THRU-BOLTS AND/OR LOG FASTENERS, REQUIRED BY THE PLANS AND/OR PERMIT ISSUING AUTHORITY, SHALL BE PROVIDED BY THE CONTRACTOR.

Rebar DETAILS

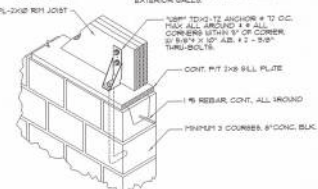
SCALE: N.T.S.



NOTE:
OVER BAND OF REINFG. SHALL BE REBAR UNDER TREATED ASP.

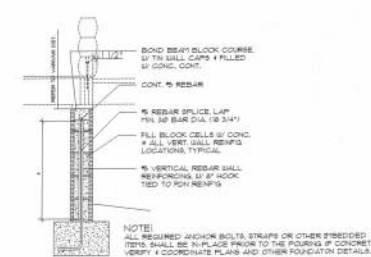
TRU-2X6 RM JOIST

NOTE:
PROVIDE 2-16" THICK 'BILL-BEAL' OR EQUIV. UNDER ALL BILL PLATES AND EXTERIOR WALLS.



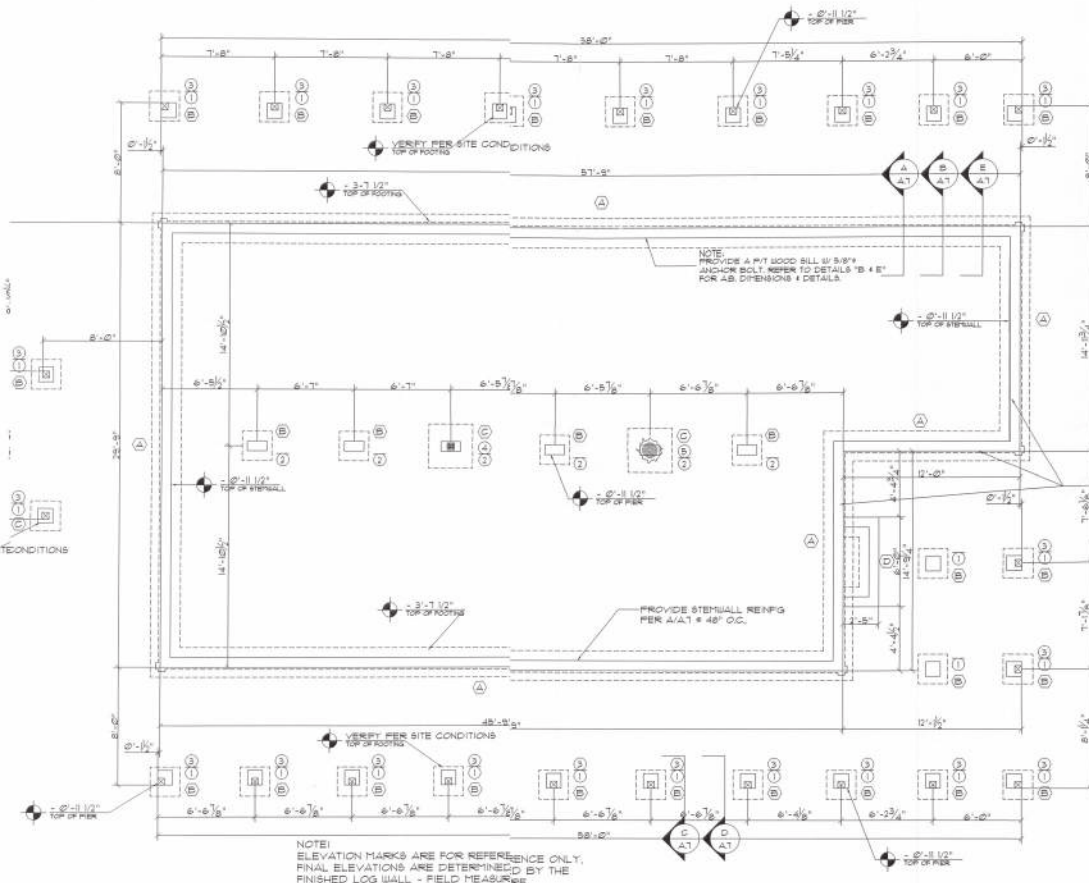
Rim Joist/Bill Plate Anchor DETAIL

SCALE: N.T.S.



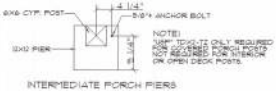
Stem Wall Detail

SCALE: N.T.S.



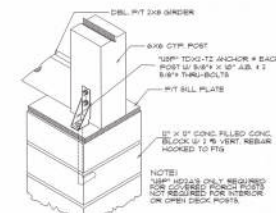
Foundation Plan

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



Porch Pier AB DETAIL

SCALE: N.T.S.



Porch Post Anchor DETAIL

SCALE: N.T.S.

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COMM	REVIEWED		
RC16-001	GJG		



PIER / POST SCHEDULE

- 1 12" X 12" CONC. FILLED CONC. BLOCK
- 2 1/2" VERT. REBAR HOOKED TO FTG
- 3 8" X 16" CONC. FILLED CONC. BLOCK
- 4 1/2" VERT. REBAR HOOKED TO FTG
- 5 6X6 CYP POST
- 6 4-2X6 BUILT UP POST
- 7 8" GULL BUTT TREE

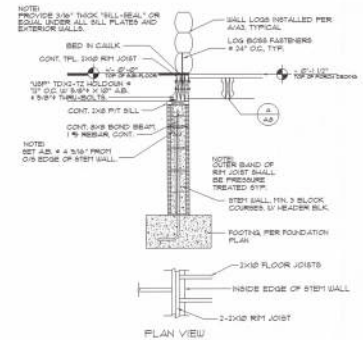
NOTE:
ELEVATION MARKS ARE FOR REFERENCE ONLY.
FINAL ELEVATIONS ARE DETERMINED BY THE
FINISHED LOG WALL - FIELD MEASURE.

NO
ALTERNATE 1/2" X 1/2" HANGERS OR CONNECTIONS
SHALL BE SUBSTITUTED WITH EQUIVALENT OR BETTER
HANGERS & CONNECTIONS.

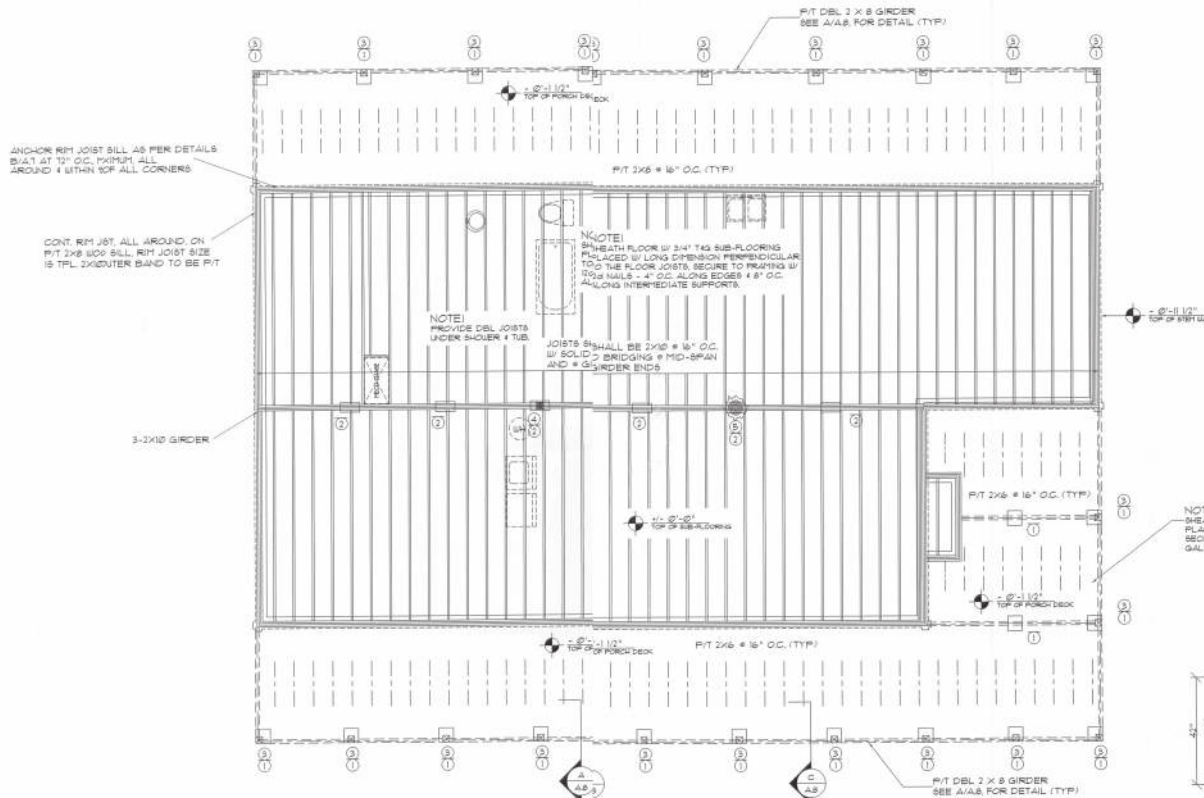
2X6 JOISTS # 16" O.C. W/
SUPPORT LUGS PER
HANGERS



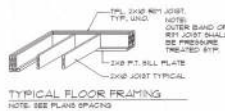
Porch Framing DETAIL A
SCALE: N.T.S.



WOOD DECK / STEM WALL B
SCALE: N.T.S.



1st Floor Framing Plan
SCALE: 1/4" = 1'-0"

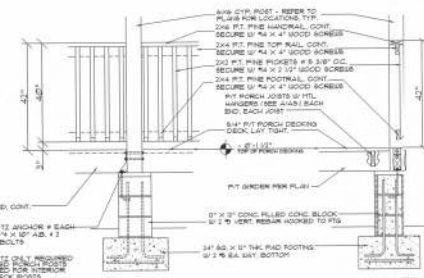


TYPICAL FLOOR FRAMING
NOTE: SEE PLANS SPACING



TYPICAL CROSS BRACING
NOTE: ALTERNATE BRACING MAY BE ACCEPTABLE IF SECTION
IS PLACED AFTER FINISHING IS COMPLETE

NOTE:
SHEATH PORCH DECK W/ 5/4" P/T DECKING
PLACED PERPENDICULAR TO THE FRAMING
SECURE TO FRAMING W/ 10D NOT DIMPED
GALV. NAILS - 3" EA. JOIST, TYPICAL



Porch Pier & Railing DETAIL C
SCALE: N.T.S.

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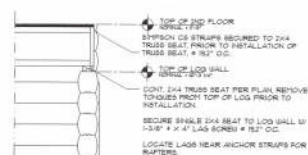
REVISION: 1
SHEET: 48
8 of 14



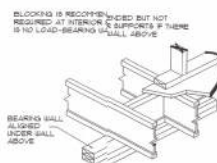
- ① 12" x 12" CONC. FILLED CONC. BLOCK,
W/ 2 #5 VERT. REBAR HOOKED TO FTG
- ② 8" x 16" CONC. FILLED CONC. BLOCK,
W/ 2 #5 VERT. REBAR HOOKED TO FTG
- ③ 6X6 CYP POST
- ④ 4-2x6 BUILT UP POST
- ⑤ 8" SWELL BUTT TREE

NOTE:
DO NOT USE SAWN LUMBER FOR RIM BOARD
OR BLOCKING. SHRINKAGE WILL OCCUR AFTER
INSTALLATION AND REDUCE THE STRUCTURAL
INTEGRITY OF THE INSTALLATION.

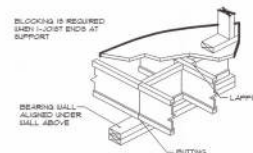
REFER TO TJI FIELD INSTALLATION GUIDE FOR ALLOWABLE HOLES AND WEB SUPPORT REQUIREMENTS.



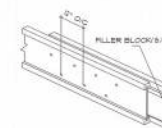
Floor Joist to Log Wall (A)



TJI Blocking at Interior Support (B)



TJI End Over Interior Support (C)

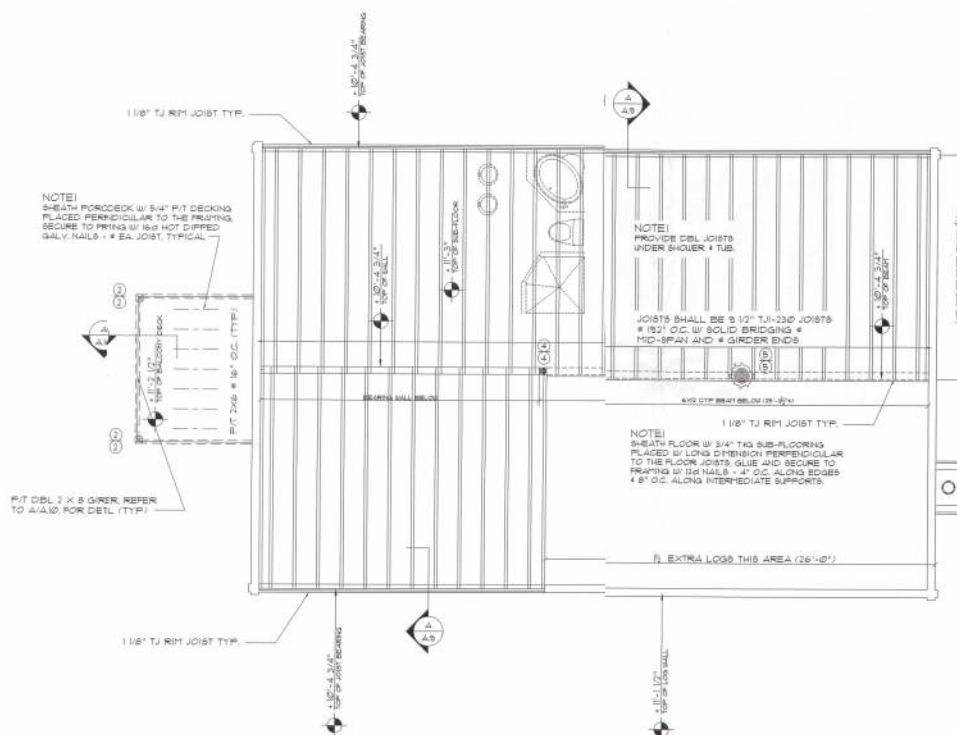


CONNECT DOUBLE JOISTS WITH FILLER BLOCKS IN INTERIOR SECTIONS AT EACH SUPPORT AND AT NO MORE THAN 8' OC. PROVIDE FILLER BLOCKS CENTERED BEHIND EACH HANGER AND UNDER EACH CONCENTRATED LOAD.

ATTACH FILLER BLOCKS WITH TWO ROWS OF 6D (3-1/2") NAILS OR LARGER AT 8' OC. NAIL THROUGH THE WEB OF BOTH JOISTS INTO THE FILLER BLOCKS. CLINCH NAILS SHARP. POSSIBLE.

NOTE: CUT FILLER BLOCKS AT LEAST 1/8" LESS THAN THE CLEAR DISTANCE BETWEEN FLANGES TO AVOID FORCING INTO PLACE.

Double TJI Connection



2nd Floor Framing Plan

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



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COLUMBIA COUNTY, FLORIDA

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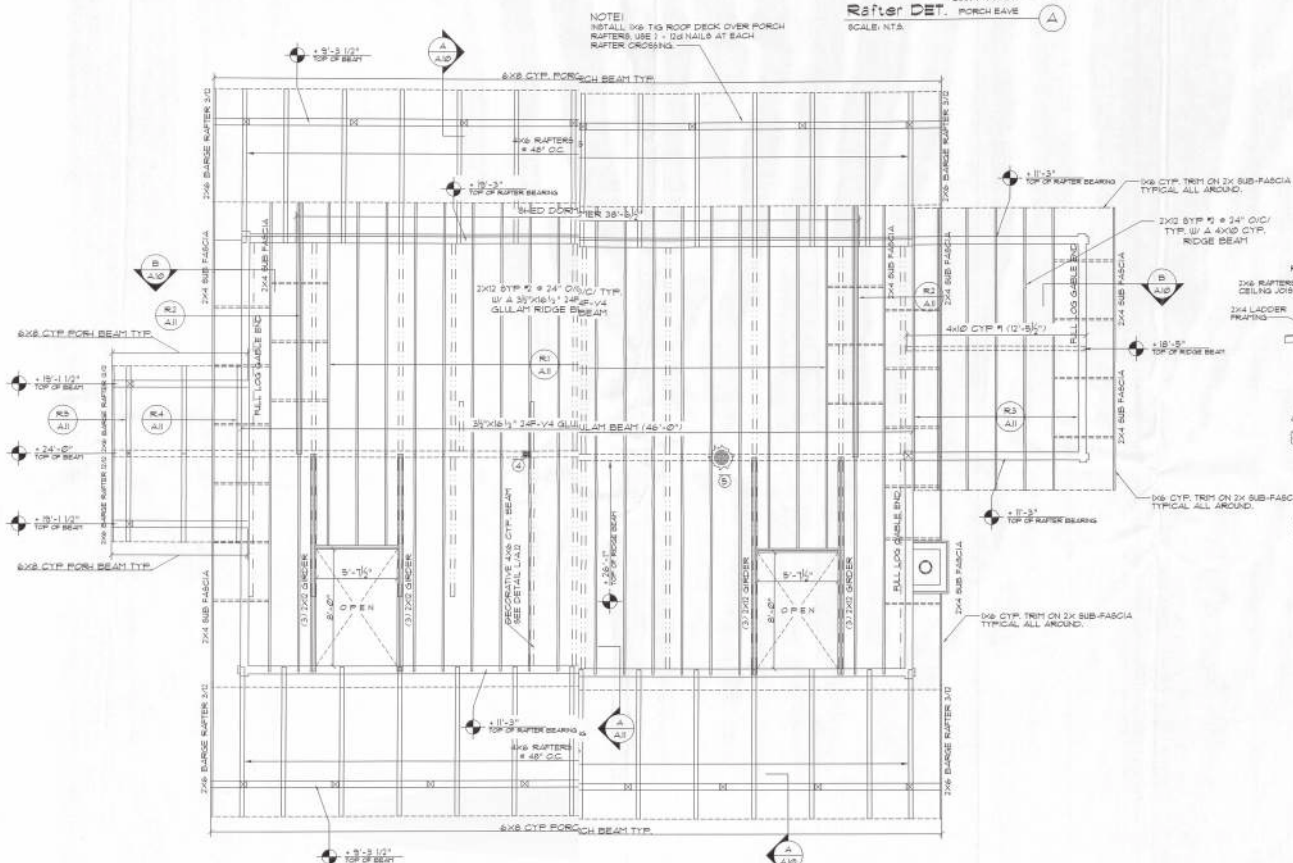
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COMM: RC16-001

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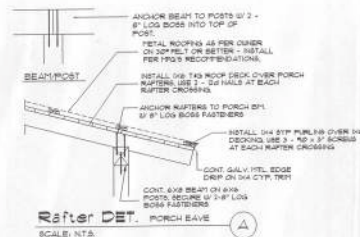
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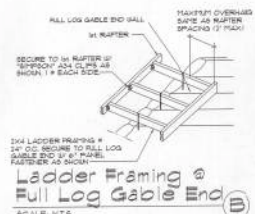
- ① 12" X 12" CONC. FILLED CONC. BLOCK,
W/ 2 #5 VERT. REBAR HOOKED TO FTG
- ② 8" X 16" CONC. FILLED CONC. BLOCK,
W/ 2 #5 VERT. REBAR HOOKED TO FTG
- ③ 6X6 CYP POST
- ④ 4-2X6 BUILT UP POST
- ⑤ 8" SWELL BUTT TREE



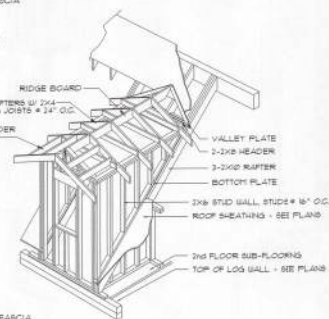
SCALE: 1/4" = 1'-0"



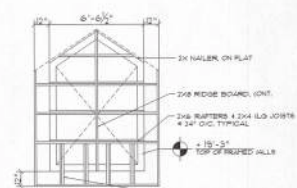
Rafter DET. PORCH EAVE



Ladder Framing @
Full Log Gable End



Gable Dormer DETAIL (C)
SCALE: N.T.S.



Gable Dormer
Framing PLAN
SCALE: NTS

1. INSTALL 4" SCREENED VENTS ALONG SOFFITS & 48" O.C. & 4" WALL EXTENSIONS UNDER PORCH ROOFS
2. INSTALL A LOW PROFILE CONT. RIDGE VENT A DESIGN OR STYLE AS SELECTED BY THE OWNER ALONG ALL SECTIONS OF HORIZONTAL ROOF RIDGES - FOLLOWING'S INSTALLATION INSTRUCTIONS

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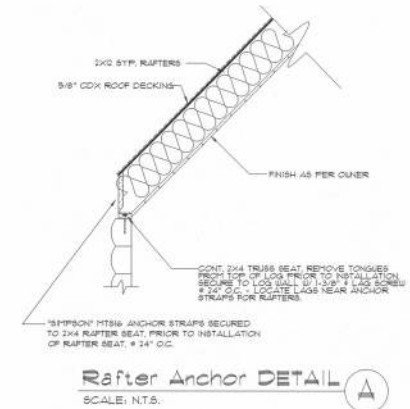
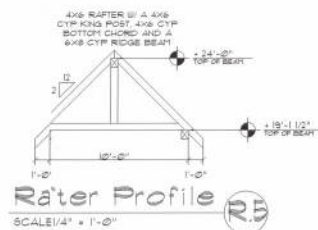
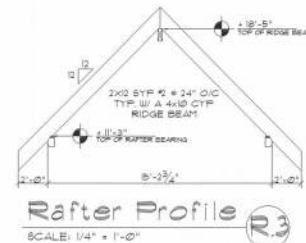
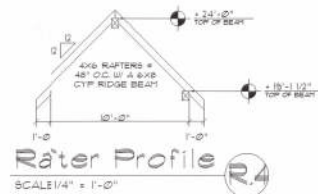
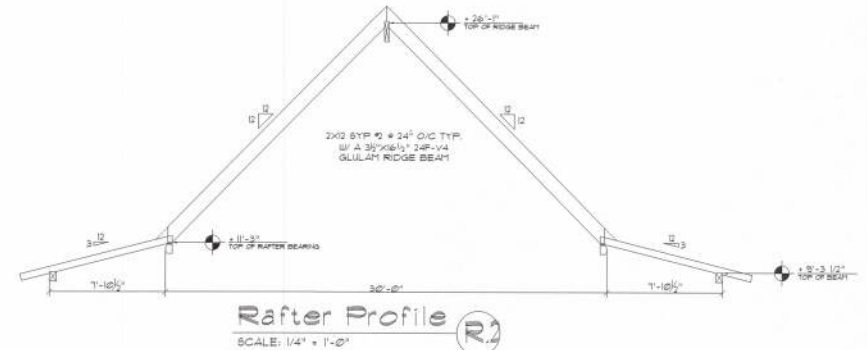
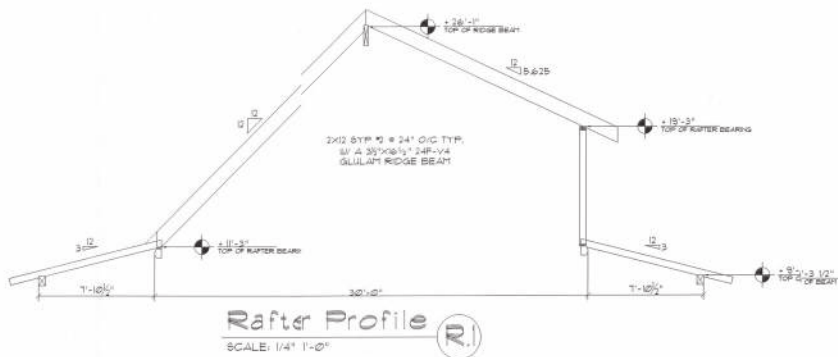
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