A CUSTOM HOME FOR:

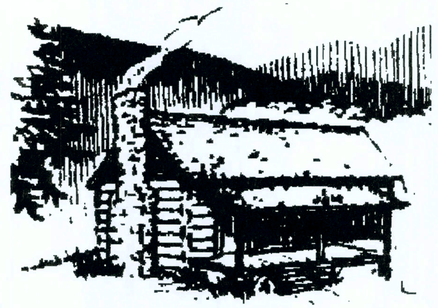
PIERCE KELLY, JR.

PROJECT ADDRESS:

126 JULBUG GLEN
FORT WHITE,FL 32038
(COLUMBIA COUNTY)

SHEET INDEX

CRACKER STYLE LOG HOMES



AREA SUMMARY		
LIVING AREA	836	S.F.
COVERED PORCH AREA	256	S.F.
TOTAL AREA	1,088	S.F.

REVISONS

LOG PACKAGE SUPPLIER:

CRACKER STYLE LOG HOMES
Highway 27, Williston, Florida
info@crackerstyleloghomes.com
(352) 529-2070

A NEW LOGHOME FOR:

PIERCE KELLEY, JR.
PROJECT ADDRESS: 126 JULBUG GLEN, FORT WHITE FLORIDA 32038

DESIGNED BY:
WILLIAM
MYERS DESIGN, INC.
426 SWCommerce Dr.
Suite 135
Lake Ciy, Florida 32025
Phone 386-758-8406
will@willmyers.net

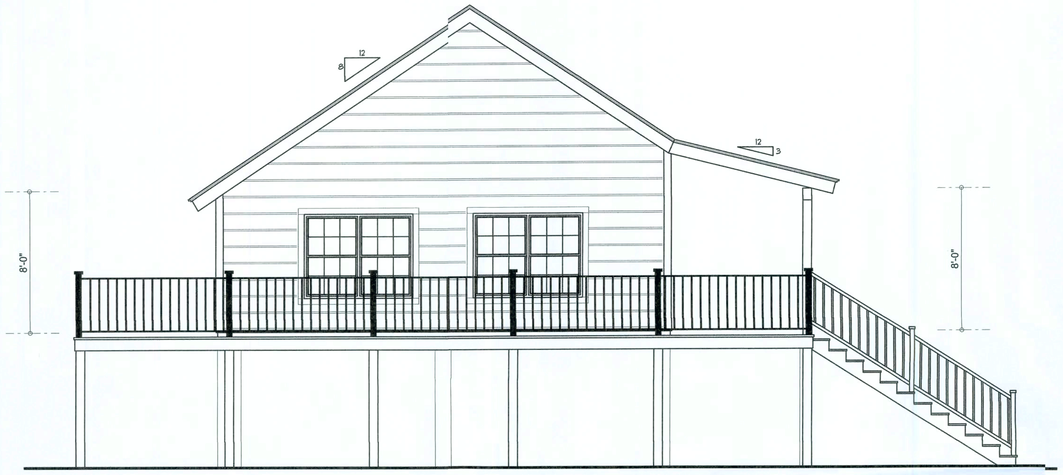
PRINTED DATE:
September 19, 2012

FINALS DATE
08 / Aug. / 202

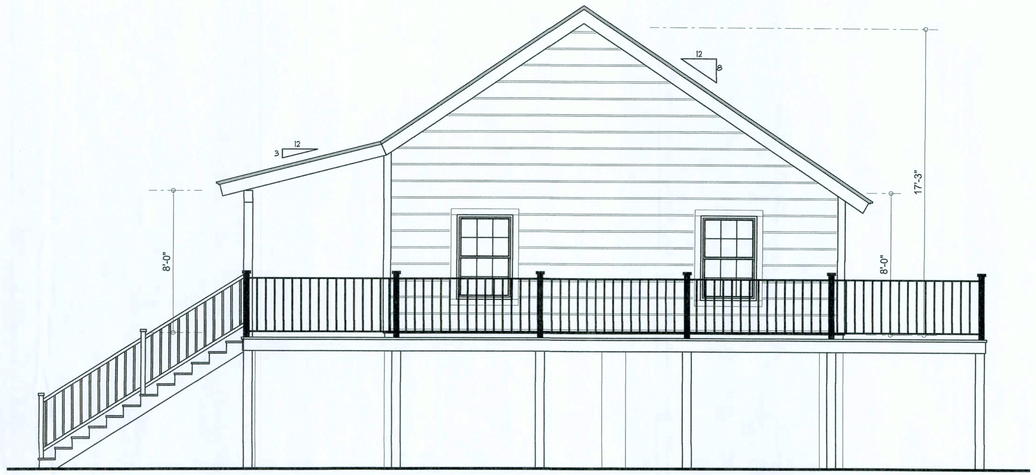
WALL STYLE:
2x 4 FRAMING
W/ LOG SIDING

JOB NUMBER:
2J120831

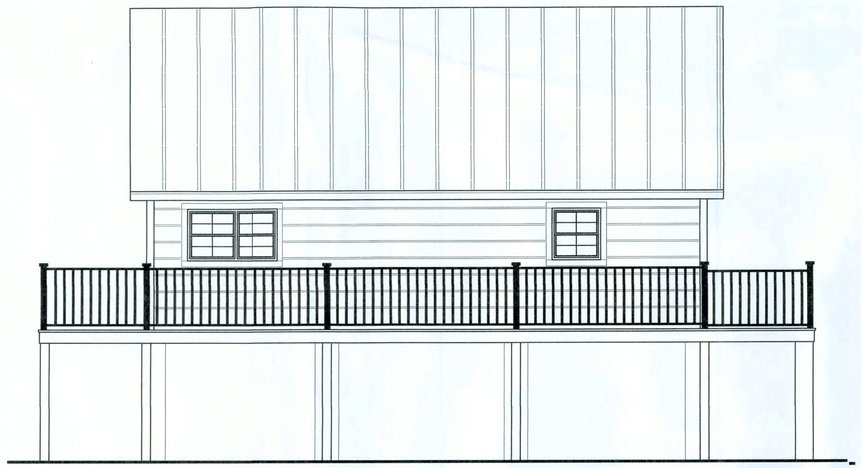
DRAWING NUMBER
COVER



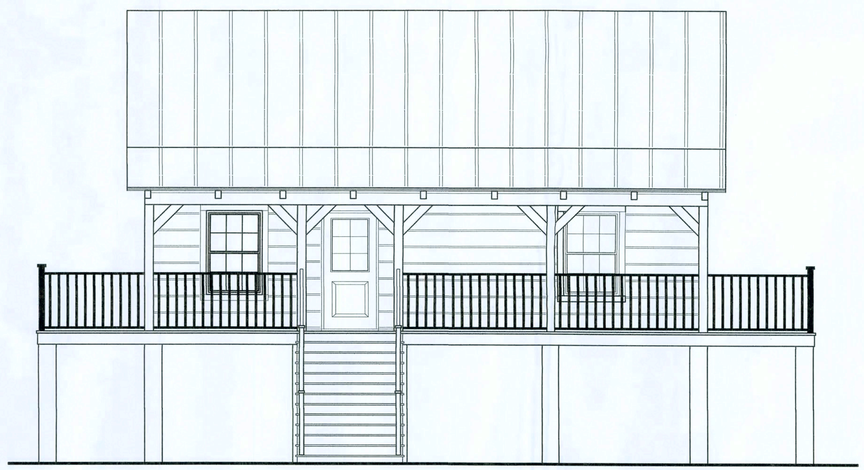
LEFT ELEVATION
SCALE: 1/4" = 1'-0"



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



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



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

REVISIONS	

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Phone: 386-758-8406
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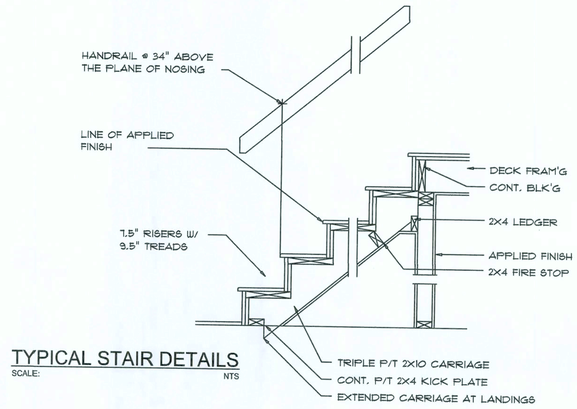
PRINTED DATE:
September 19, 2012

FINALS DATE:	WALL STYLE:
08 / Aug. /2012	2x 4 FRAMING W/ LOG SIDING

JOB NUMBER:
20120831

DRAWING NUMBER
A.1



TYPICAL STAIR DETAILS

SCALE: NTS

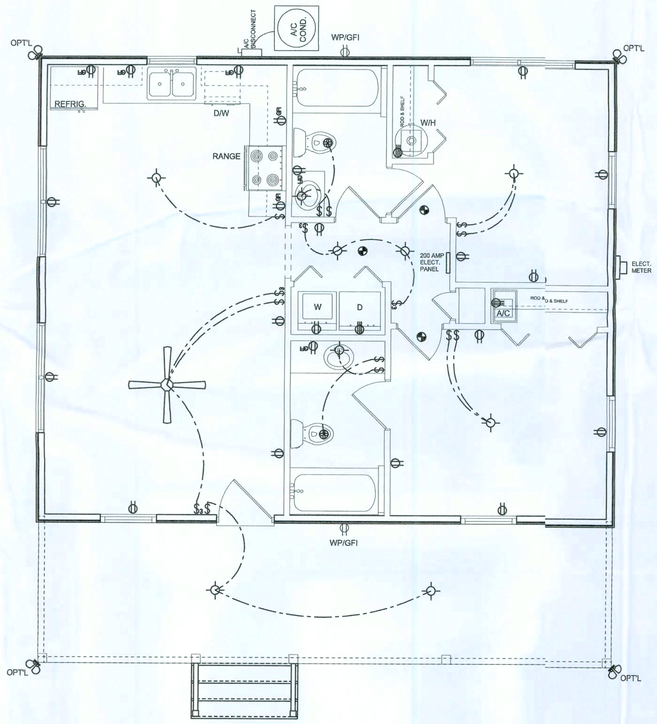
	ELECTRICAL LEGEND
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	RECESSED CAN LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET (AFCI & TAMPER RESISTANT)
	220v OUTLET
GFI	GFI DUPLEX OUTLET (PER NEC 406.8)
TV	TELEVISION JACK
PH	TELEPHONE JACK
	SMOKE / CARBON MONOXIDE DETECTOR (see note below)
$	WALL SWITCH
$3	3 WAY WALL SWITCH
WP/GFI	WATER PROOF GFI OUTLET
48" FLOUR.	2 OR 4 TUB FLUORESCENT FIXTURE

NOTE:
ALL INTERIOR RECEPTACLES SHALL BE AFCI
(ARC FAULT CIRCUIT INTERRUPT) PER NEC 210.12 & TAMPER RESISTANT PER NEC 406.11

ALL SMOKE DETECTORS BE A COMBO SMOKE & CARBON MONOXIDE DETECTOR AND SHALL HAVE BATTERY BACKUP POWER
AND ALL WIRED TOGETHER SO IF ANY ONE UNIT IS ACTUATED THEY ALL ACTIVATE.

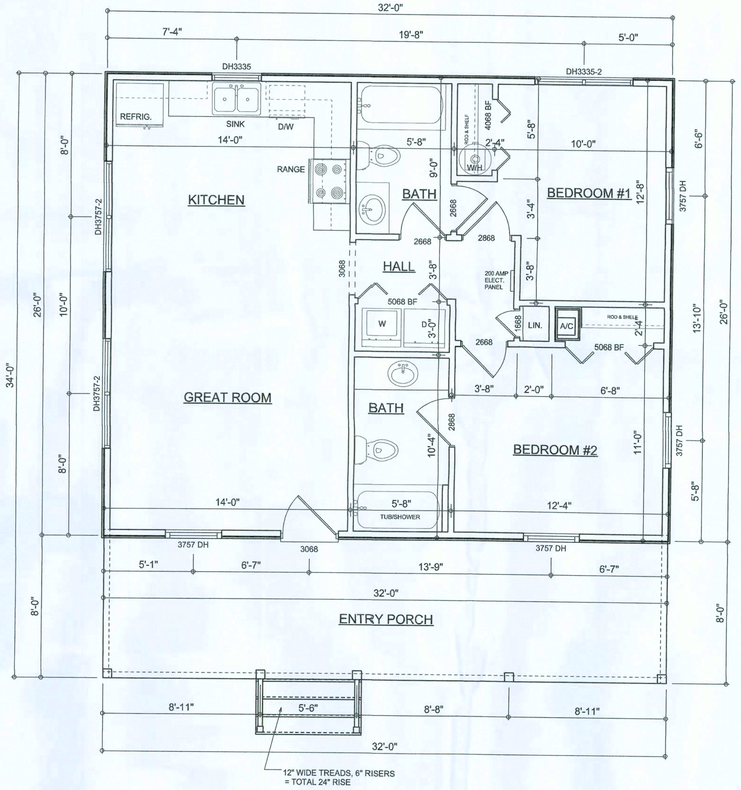
THE ELECTRICAL SERVICE OVERCURRENT PROTECTION DEVICE SHALL BE INSTALLED ON THE EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECT MEANS CONDUCTORS USED FROM THE EXTERIOR DISCONNECTING MEANS TO A PANEL OR JB PANEL SHALL HAVE FOUR-WIRE CONDUCTORS, OF WHICH ONE CONDUCTOR SHALL BE USED AS AN EQUIPMENT GROUND.

IT IS THE LICENSED ELECTRICAL CONTRACTORS RESPONSIBILITY TO INSURE THAT A WORK PERFORMED AND EQUIPMENT INSTALLED MEETS OR EXCEEDS THE 2008 NATNAL ELECTRIC CODE AND ALL OTHER LOCAL CODES AND ORDINANCES.



ELECTRICAL PLAN

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



FLOOR PLAN

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

AREA SUMMARY

LIVING AREA	836	S.F.
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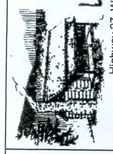

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426SW Commerce Dr.
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Lake City, Florida 32025
Phone: 386-758-8406
will@willmyers.net

PRINTED DATE: September 27, 2012

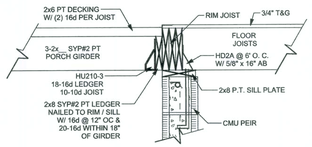
FINALS DATE: 08 / Aug / 2012

WALL STYLE: 2x 4 FRAMING W/ LOG SIDING

JOB NUMBER: 20120831

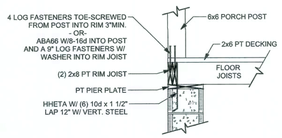
DRAWING NUMBER

A.2



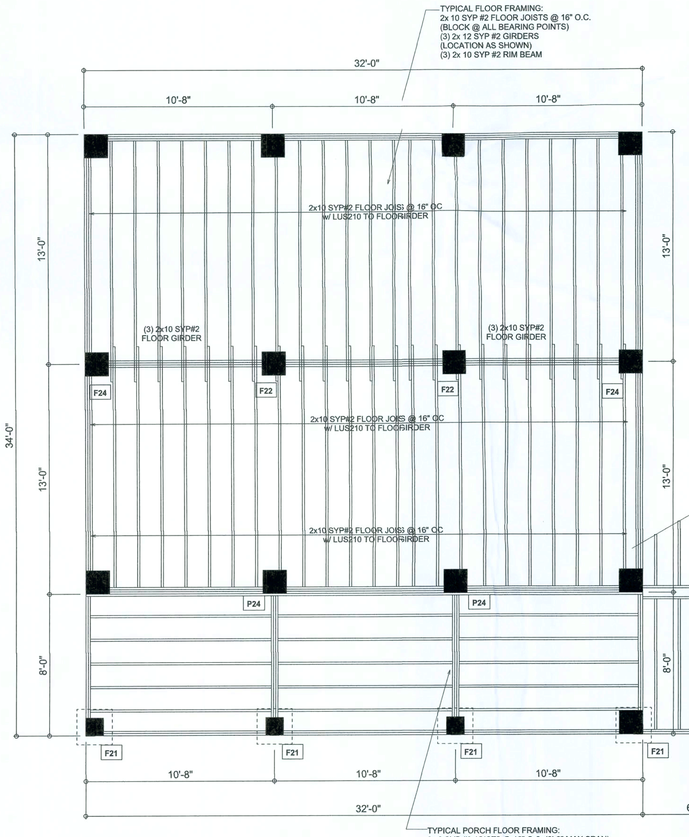
TYP. PORCH/DECK FLOOR SYSTEM TO HOUSE CONNECTION DETAIL

P24 SCALE: NTS



1' PORCH PIER WITH UPLIFT

F21 SCALE: 1/2" = 1'-0"

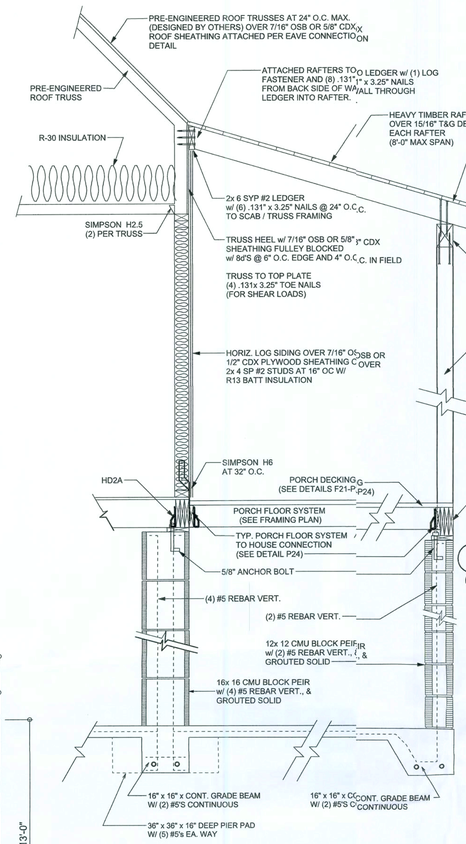


FLOOR FRAMING

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

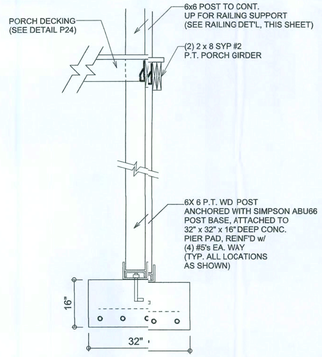
TYPICAL PORCH FLOOR FRAMING:
2x 6 SYP #2 JOISTS @ 16" O.C. (8'-0" MAX SPAN)
2x 8 SYP #2 JOISTS @ 16" O.C. (10'-6" MAX SPAN)
W/ LUS26 @ EACH END
(3) 2x 8 SYP #2 GIRDERS
(LOCATION AS SHOWN)
(2) 2x 8 SYP #2 RIM BEAM
(1) 2x 8 SYP #2 BETWEEN EACH GIRDER

(WRAP-AROUND DECK ON 3-SIDES)
TYPICAL DECK FLOOR FRAMING:
2x 6 SYP #2 P.T. JOISTS @ 16" O.C. (8'-0" MAX SPAN)
2x 8 SYP #2 P.T. JOISTS @ 16" O.C. (10'-6" MAX SPAN)
W/ LUS26 @ EACH END
(3) 2x 8 SYP #2 P.T. GIRDERS
(LOCATION AS SHOWN)
(2) 2x 8 SYP #2 P.T. RIM BEAM
(1) 2x 8 SYP #2 P.T. BETWEEN EACH GIRDER



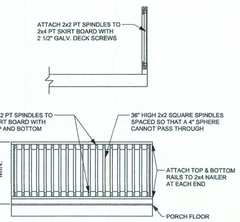
PORCH SECTION AND DETAIL CALLOUT

P24 SCALE: NTS



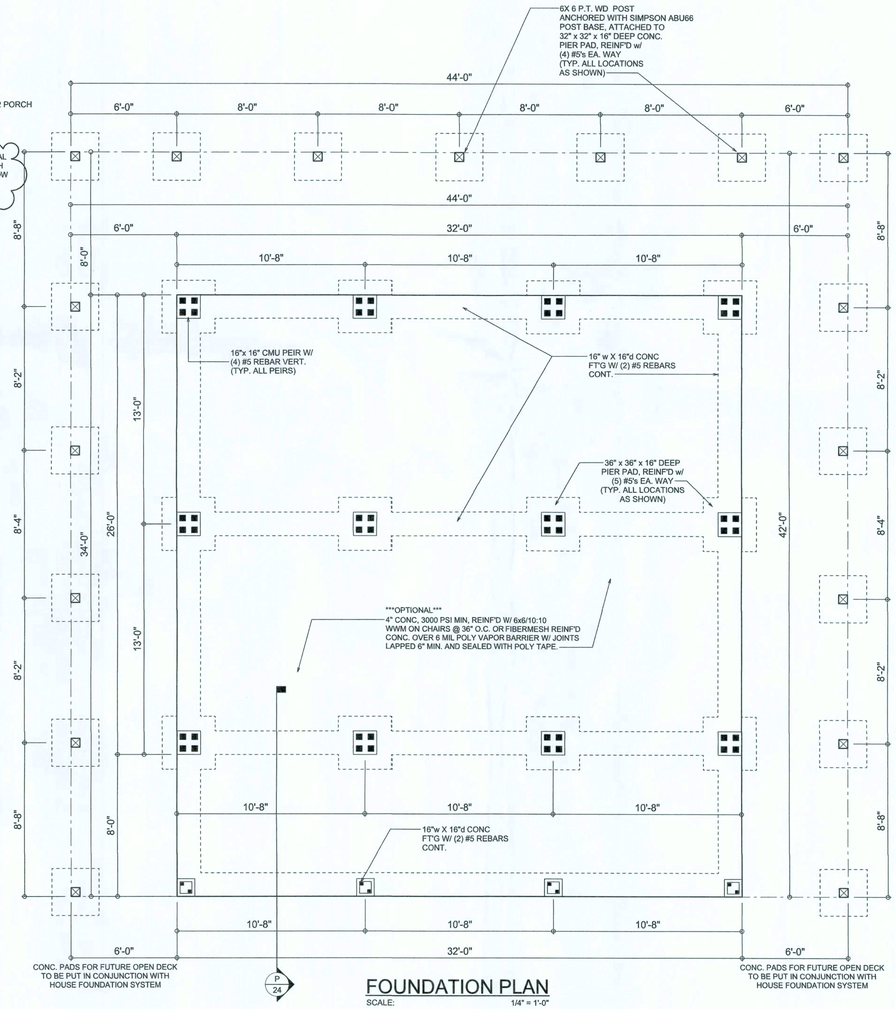
DECK SECTION & DETAIL

P25 SCALE: NTS



TYP. RAILING DETAIL

SCALE: NTS



FOUNDATION PLAN

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

N22 SITE / FOUNDATION NOTES

CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS, F'c = 3000 PSI. WHERE EXCESS WATER IS ADDED TO THE CONCRETE SO THAT ITS SERVICABILITY IS DEGRADED, THE ATTAINMENT OF REQUIRED STRENGTHSHALL NOT RELEASE THE CONTRACTOR FROM PROVIDING SUCH MODIFCATIONS AS MAY BE REQUIRED BY THE ENGINNEER TO PROVIDE A SERVICEABLE MEMBER OR SURFACE. ALL CONCRETE SHALL BE VIBRATED. NO REPAIR OR RUBBING OF CONCRETE SURFACES SHALL BE MADE PRIOR TO INSPECTION BY AND APPROVAL OF ENGINEER, OWNER OR HIS REPRESENTATIVE.

WELDED WIRE REINFORCED SLAB: 6" x 6" W1.4 x W1.4, FB = 85KSI, WELDED WIRE REINFORCEMENT FABRIC (W.W.M.) CONFORMING TO ASTM A185; LOCATED IN MIDDLE OF THE SLAB; SUPPORTED WITH APPROVED MATERIALS OR SUPPORTS AT SPACINGS NOT TO EXCEED 3'.

FIBER CONCRETE SLAB: CONCRETE SLABS ON GROUND CONTAINING SYNTHETIC FIBER REINFORCEMENT. FIBER LENGTH 1/2 INCH TO 2 INCHES. DOSAGE AMOUNTS FROM 0.75 TO 1.5 POUNDS PER CUBIC YARD PER THE MANUFACTURER'S RECOMMENDATIONS. FIBERS TO COMPLY WITH ASTM C 1116. SUPPLIER TO PROVIDE ASTM C 1116 CERTIFICATION OF COMPLIANCE WHEN REQUESTED BY BUILDING OFFICIAL.

REBAR: ASTM A 615, GRADE 60, DEFORMED BARS, FY = 60 KSI. ALL LAP SPLICES 40 * DB (25" FOR #5 BARS); UNO. ALL REINFORCEMENT SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 315-96, U.N.O. ALL TENSION DEVELOPMENT LENGTHS SHALL BE 23".

CONTROL JOINTS: WHERE SPECIFIED, SAWN CONTROL JOINTS IN SLAB-ON-GRADE SHALL BE CUT IN ACCORDANCE WITH ACI 302. JOINTS SHALL BE CUT WITHIN 12 HOURS OF SLAB PLACEMENT. THE LENGTH / WIDTH RATIOS OF SLAB AREAS SHALL NOT EXCEED 1.5 AND TYPICAL SPACING OF CUTS TO BE 12FT. DO NOT CUT WWM OR REINFORCING STEEL. (RECOMMENDED LOCATION OF CONTROL JOINTS IS SUBJECT TO OWNER AND CONTRACTOR'S APPROVAL. THE CONTROL JOINTS ARE NOT INTENDED TO PREVENT CRACKS BUT RATHER TO ENCOURAGE THE SLAB TO CRACK ON A GIVEN LINE.)

CONCREAT BLOCK: ASTM C-90 WITH MEDIUM SURFACE FINISH, F'm = 1500 PSI.

MORTAR: TYPE M OR N FOR ALL MASONRY UNITS.

ANCHOR BOLTS: A-307 ANCHOR BOLTS WITH MINIMUM EMBEDMENT AS SPECIFIED IN DRAWINGS BUT NO LESS THAN 7" IN CONCRETE OR REINFORCED BOND BEAM OR 15" IN GROUTED CMU.

WASHERS: WASHERS USED WITH 1/2" BOLTS TO BE 2" x 2" x 0/64"; WITH 5/8" BOLTS TO BE 3" x 3" x 9/64"; WITH 3/4" BOLTS TO BE 3" x 3" x 9/64"; WITH 7/8" BOLTS TO BE 3" x 3" x 5/16"; UNO.

NOTE: THESE ARE AS-BUILT DRAWINGS PER CONTRACTOR OF RECORD

REVISIONS	
January 18, 2008	
September 19, 2012	

LOGPACKAGE SUPPLIER:

CRACKER STYLE LOG HOMES
Highway 27, Williston, Florida
Info@crackerstyleloghomes.com
(352) 529-2070

A CUSTOM LOG CABIN FOR:

PIERCE KELLEY, JR.
ADDRESS: 126 TULBUG GLEN, FORT WHITE FLORIDA 32038

AR0007005

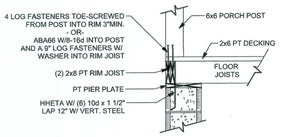
NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Rd.
Lake City, FL 32055
(386) 755-9021

PRINTED DATE: September 19, 2012

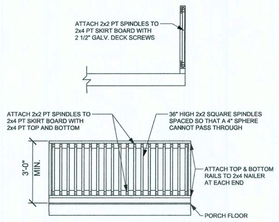
FINAL DATE:	WALL STYLE:
08 / Aug. / 2012	2x 4 FRAME W/ LOG SIDING

JOB NUMBER: 20120831

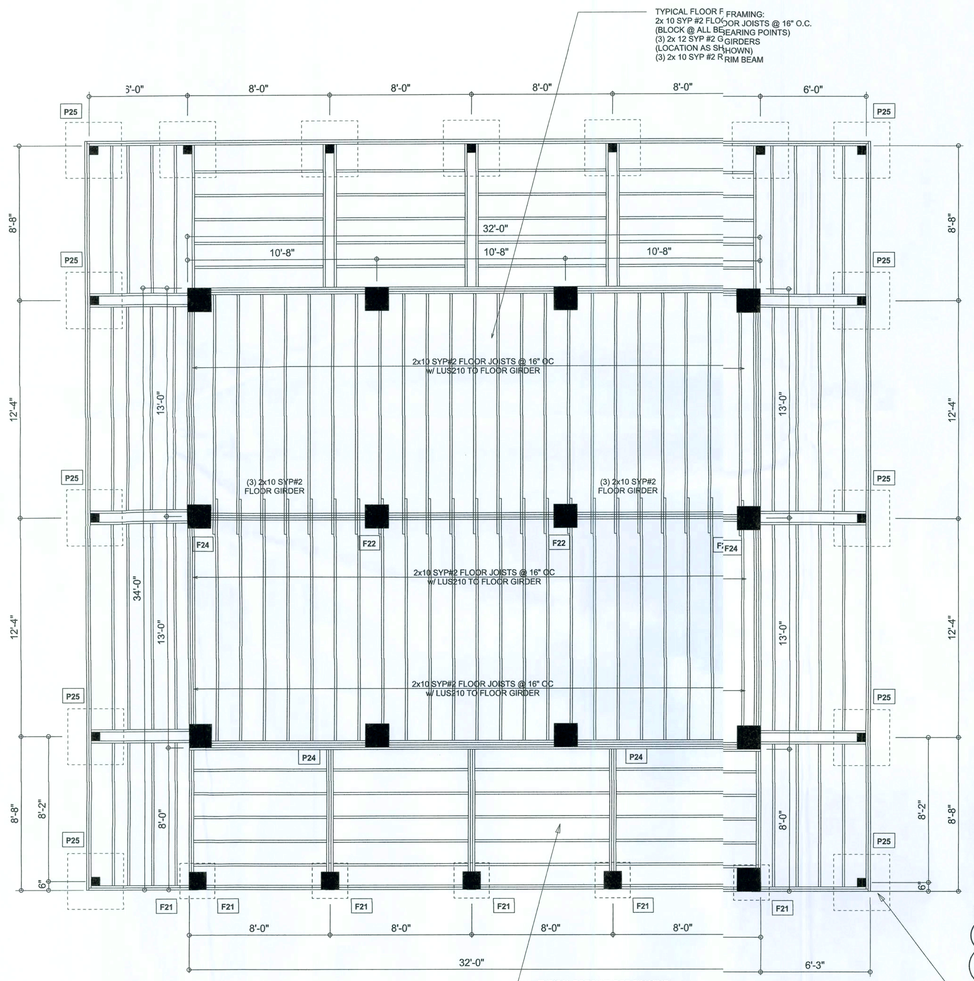
DRAWING NUMBER
S.1
OF 5 SHEETS



F21 1' PORCH PIER WITH UPLIFT
SCALE: 1/2" = 1'-0"

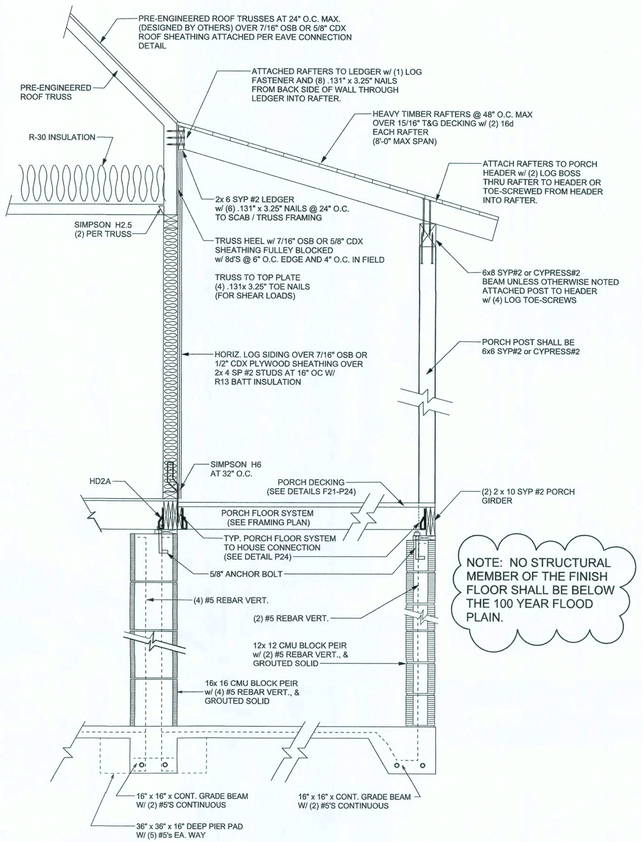


TYP. RAILING DETAIL
SCALE: NTS



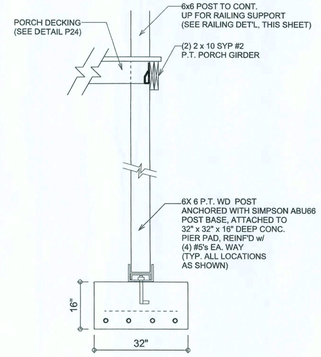
NOTE: NO STRUCTURAL MEMBER OF THE FINISH FLOOR SHALL BE BELOW THE 100 YEAR FLOOD PLAIN.

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



NOTE: NO STRUCTURAL MEMBER OF THE FINISH FLOOR SHALL BE BELOW THE 100 YEAR FLOOD PLAIN.

P24 PORCH SECTION AND DETAIL CALLOUT
SCALE: NTS



P25 DECK SECTION & DETAIL
SCALE: NTS

NOTE: THESE ARE AS-BUILT DRAWINGS PER CONTRACTOR OF RECORD

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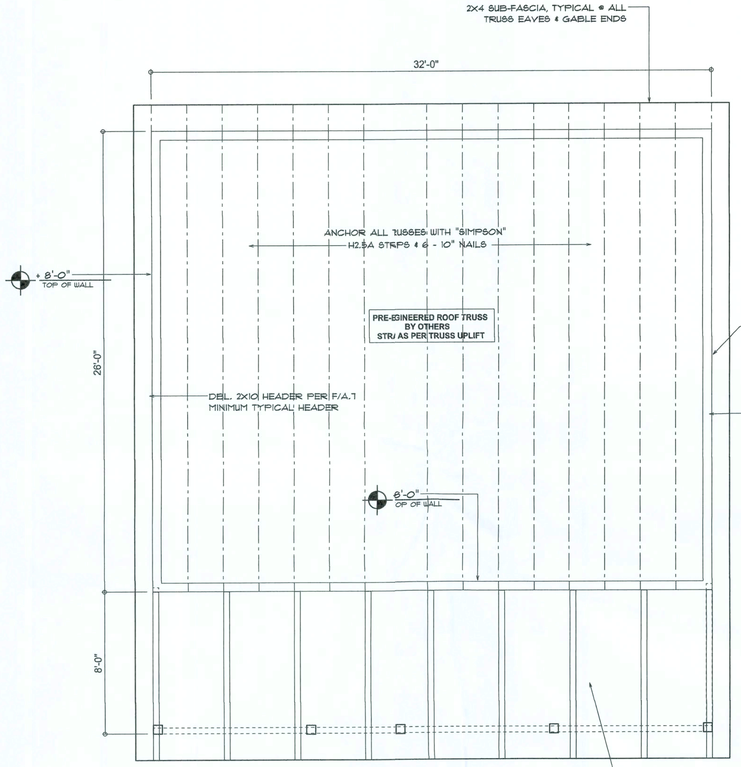


Roof Framing PLAN

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

NOTE!
ANCHOR GIRDER TRUSS(ES) TO HEADER WITH 2 "SIMPSON" LGT2, 3 OR 4.) ANCHOR HEADER TO KING STUDS W/ 2 "SIMPSON" ST22 EA. END - TYP., T.O.

NOTE!
REFER TO THE WINDOW/DOOR HEADER SCHEDULE ON SHEET SD.4 FOR ALL MINIMUM SIZE HEADERS AND ALTERNATES MINIMUM SIZE ALLOWABLE IS 2-2X10.

ROOF PLAN NOTES

R-1 SEE EXTERIOR ELEVATIONS FOR ROOF PITCH

R-2 ALL OVERHANG 18" UNLESS OTHERWISE NOTED

R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON SD.3

R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS

R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

NOTE!
SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/ 8d NAILS - AS PER DETAIL ON SHEET SD.4

NOTE!
THE DESIGN WIND SPEED FOR THIS PROJECT IS 110 MPH PER 2007 FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

NOTE!
ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING WIRING, PLUMBING OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE

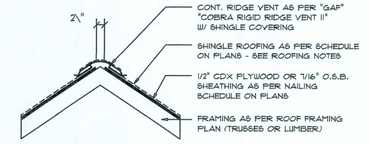
WOOD STRUCTURAL NOTES

1. TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE "TRUSS PLATE INSTITUTE".
2. ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
3. WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN Nr.2 HEM-FIR OR BETTER.
4. CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CONNECTIONS.

AREA OF ATTIC	REQ'D L.F. OF VENT	NET FREE AREA OF INTAKE
1600 SF	20 LF	410 SQ.IN.
1900 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.

GENERAL TRUSS NOTES:

1. TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND IT'S CONNECTIONS", LATEST Ed., ALONG W/ THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS, & TRUSS TO TRUSS CONNECTIONS.
2. TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
3. FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES OR GIRDERS. THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

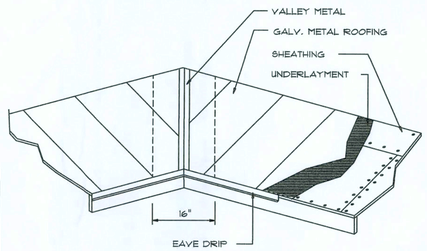


MIAMI/DADE PRODUCT APPROVAL REPORT: #98-0713.05

Ridge Vent DETAIL

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

B



VALLEY FLASHING

THE CONTRACTOR SHALL COORDINATE THE TRUSS TO TRUSS ANCHOR REQUIREMENTS WITH THE TRUSS ENGINEERING SHOP DRAWINGS. SOME OF THE TRUSS TO TRUSS CONNECTIONS WILL REQUIRE ANCHOR STRAPS IN ADDITION TO TYPICAL NAILING. ANCHOR DEVICES SHALL BE REQUIRED FOR ALL JOINTS WITH AN UPLIFT OR GRAVITY LOAD OF 100 LBS OR GREATER.

TRUSSES BEARING ON INTERIOR PARTITIONS WHERE UPLIFT LOADS ARE PRESENT SHALL REQUIRE ANCHORS OF EQUAL OR GREATER LOAD CAPACITY THAN THAT INDICATED BY THE TRUSS SHOP DRAWINGS. THE UPLIFT ANCHOR SYSTEM SHALL BE CONTINUOUS TO THE FOUNDATION.

SHOP DWG COORDINATION: THE TRUSS ANCHOR STRAPS AS INDICATED IN THE CONSTRUCTION DOCUMENTS ARE SUGGESTED STRAPS AND THAT THE TRUSS ENGINEERED SHOP DRAWING LOADS TAKE PRECEDENCE OVER THAT INDICATED IN THE CONSTRUCTION DOCUMENTS.
THE UPLIFT LOADS INDICATED FOR EACH TRUSS IN THE ENGINEERED TRUSS SHOP DRAWINGS MAY BE MATCHED TO STANDARD PRODUCT UPLIFT RATINGS FOR COMPARABLE UPLIFT CONNECTORS, AND THAT THE PRODUCTS THAT PROVIDE EQUAL OR GREATER UPLIFT RESISTANCE FOR THE LISTED LOADS MAY BE USED IN LIEU OF THOSE INDICATED IN THE CONSTRUCTION DOCUMENTS OR AS APPROVED BY THE BUILDING OFFICIAL.

PROJECT COORDINATION REQUIREMENTS

NOTICE!
THESE PLANS ARE DRAWN FOR AVERAGE SITE CONDITIONS AND COMPLIANCE WITH APPLICABLE CODES IN LAKE CITY, FL AT THE TIME THEY ARE DRAWN. DUE TO VARYING STATE, LOCAL, AND NATIONAL CODES RULES AND REGULATIONS, N.P.GEISLER, ARCHITCT CANNOT WARRANT COMPLIANCE WITH ALL APPLICABLE STATE, LOCAL, AND NATIONAL CODES IN YOUR AREA OR WITH YOUR PARTICULAR SITE CONDITIONS. IT IS THE RESPONSIBILITY OF THE PURCHASER AND/OR BUILDER TO SEE THAT THE STRUCTURE IS BUILT IN STRICT COMPLIANCE WITH ALL GOVERNING MUNICIPAL CODES (CITY, COUNTY, STATE, AND FEDERAL). IF YOUR CITY OR STATE REQUIRES AN ENGINEER'S SEAL FOR THE SITE/CIVIL PORTIONS OF THE WORK, YOU WILL NEED TO HAVE THAT DONE LOCALLY BY A QUALIFIED, LICENCED PROFESSIONAL ENGINEER.

ROOFING METALS for FLASHING/ROOFING
MINIMUM THICKNESS REQUIREMENTS

MATERIAL	MINIMUM THICKNESS (In)	GAGE	WEIGHT (OZ.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0179	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.027		 40 20

Roofing/Flashing DETS.

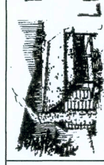
SCALE: NONE

A

REVISIONS	
January 18, 2008	
September 27, 2012	

LOG PACKAGE SUPPLIER:

CRACKER STYLE LOG HOMES
Highway 27, Williston, Florida
info@crackerstyleloghomes.com
(352) 529-2070



A CUSTOM LOG CABIN FOR:

PIERCE KELLEY, JR.
ADDRESS: 126 JULBUG GLEN, FORT WHITE FLORIDA 32038

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Rd.
Lake City, FL 32055
(386) 755-8021
AR0007005

PRINTED DATE: September 27, 2012

FINALSDATE: 08 / Aug / 2012

WALL STYLE: 2x 4 FRAME W/ LOG SIDING

JOB NUMBER: 20120831

DRAWING NUMBER
S.2
OF 5 SHEETS

FLORIDA BUILDING CODE

ComplianceSummary

TYPE OF CONSTRUCTION

Roof: Gable Construction, Wood Truss @ 24" O
Walls: 2x4 Wood Studs @ 16" O.C.
Floor: 2x_ Wood floor system on cmu prs
Foundation: Continuous Footer/StemWall & piers

ROOF DECKING

Material: 5/8" CD Plywood or O.S.B.
Sheet Size: 48"x96" Sheets Perpendilar to Roof Framing
Fasteners: 8d Common Nails per schule on sheet A.7

SHEARWALLS

Material: 1/2" CD Plywood or 7/16" G.B.
Sheet Size: 48"x96" Sheets Placed Vtical, stagger each sheet.
Fasteners: 8d Common Nails @ 4" C. Edges & 8" O.C. Interior
Dragstrut: Double Top Plate (S.Y.P.W/16d Nails @ 12" O.C.
Wall Studs: 2x4 Wood Studs @ 16" C.

HURRICANE UPLIFT CONNECTORS

Truss Anchors: SIMPSON H2.5A (OEQUIVALENT), W/ 6 - 10d NAILS
Wall Tension: Wall Sheathing Nailing Adequate - 8d @ 4" O.C. Top & Bot.
Anchor Bolts: 1/2" A307 Bolts @ 48O.C. - 1st Bolt 6" from corner
Corner Hold-down Device: (1) B5a @ each corner
Porch Column Base Connector: impson ABU44/ABU66 @ each column
Porch Column to Beam Connector: Simpson EPC44/PC44 @ each column

FOOTINGS AND FOUNDATIONS

Footing: Varies - see sheet S.1 for clarcation
Stemwall: (optional) 8" C.M.U. W/1-#5 Vertal Dowel @ 48" O.C.

STRUCTURAL DESIGN CRITERIA:

1. THE DESIGN COMPLIES WITH TH REQUIREMENTS OF THE 2010 FLORIDA BUILDING CODE - SECTION 1609 AN OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND PECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.

2. WIND LOAD CRITERIA: RISK CATGORY: 2

BASED ON ANSI/ASCE 7-10. 2010 FC 1609-A WIND VELOCITY: V_{ULT} = 120 MPH
V_{ASD} = 93 MPH

3. ROOF DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: . . . . . 20 PSF
SUPERIMPOSED LIVE LOADS: . . . . . 20 PSF

4. FLOOR DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: . . . . . 25 PSF
SUPERIMPOSED LIVE LOADS:
RESIDENTIAL . . . . . 40 PF
BALCONIES . . . . . 60 PS

5. WIND NET UPLIFT: ARE AS INCATED ON PLANS

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

1. A PERMANENT SIGN WHICH IDENTIFIES HE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTENEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 104.2.6
2. CONDENSATE AND ROOF DOWNSPOUTSHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 103.4.4
3. IRRIGATION/SPRINKLER SYSTEMS INCLDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 0" FROM BUILDING SIDE WALLS. FBC 1503.4.4
4. TO PROVIDE FOR INSPECTION FOR TERITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHLL NOT BE LESS THAN 6".
EXCEPTION: PAINT AND DECORATIVE CEMTIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDTION WALL. FBC 1403.1.6
5. INITIAL TREATMENT SHALL BE DONE AFR ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1
6. SOIL DISTURBED AFTER THE INITIAL TRETMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. 3C 1816.1.2
7. BOXED AREAS IN CONCRETE FLOOR FOSUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PEANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFR THE INITIAL TREATMENT. FBC 1816.1.3
8. MINIMUM 6 MIL VAPOR RETARDER MUSTE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALLCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REJIRED. FBC 1816.1.4
9. CONCRETE OVERPOUR AND MORTAR AING THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SC TREATMENT. FBC 1816.1.5
10. SOIL TREATMENT MUST BE APPLIED UNER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTUF SIDEWALLS. FBC 1816.1.6
11. AN EXTERIOR VERTICAL CHEMICAL BARIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDINGANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICABARRIER IS APPLIED, SHALL BE RETREATED. FBC 1816.1.6
12. ALL BUILDINGS ARE REQUIRED TO HAVPER-CONSTRUCTION TREATMENT. FBC 1816.1.7
13. A CERTIFICATE OF COMPLIANCE MUSTE ISSUED TO THE BUILDING DEPARTMENT BY # LICENSED PEST CONTROL COPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLET TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREAENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 1816.1.7
14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORG OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3
15. NO WOOD, VEGETATION, STUMPS, CARBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOED BUILDING. FBC 2303.1.4

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUF'R/MODEL	CAP.
TRUSS TO WALL:	SIMPSON H2.5A (OR EQUIVALENT), W/ 6 - 10d NAILS	960#
GIRDER TRUSS TO POST/HEADER:	SIMPSON LGT, W/ 28 - 16d NAILS	1785#
HEADER TO KING STUD(S):	SIMPSON ST22	1370#
PLATE TO STUD:	SIMPSON SP2	1065#
STUD TO SILL:	SIMPSON SP1	585#
PORCH BEAM TO POST:	LOG SCREWS	1700#
PORCH POST TO FND.:	SEE SHEET S.1	2200#
MISC. JOINTS	VARIES	315#/240#

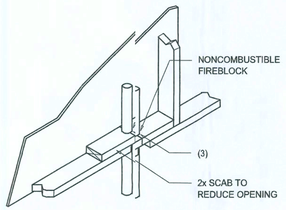
NOTE:
ALL ANCHORS SHALL BE SSECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

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

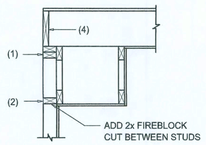
NOTE:
ALL UNLISTED JOINTS IN T THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

NOTE:
"SEMCO" PRODUCT APPROVAL:
MIAMI/DADE COUNTY REPORT #95-0818.15

NOTE:
"SIMPSON" PRODUCT APPPROVALS:
MIAMI/DADE COUNTY REPORT #97-0107.05, #96-1126.11, #99-0623.04
SBCC1 NER-443, NER-393



PENETRATIONS



SOFFIT/DROPPED CLG.

FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

1. IN CONCEALED SPACES S OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND D FLOOR LEVELS.
2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
3. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROPANEL MULTIFLEX SEALANT"
4. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND D CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

Fire Stopping DETAILS

SCALE: NONE

A

General Roofing NOTES:

DECK REQUIREMENTS:
ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

SLOPE:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, DBL. UNDERLAYMENT IS REQUIRED.

UNDERLAYMENT:
UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 226, TYPE 1, OR ASTM D 4869, TYPE 1.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:
SELF ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/ ASTM D 1970.

ASPHALT SHINGLES:
ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR ASTM D 3462.

FASTENERS:
FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE THE SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

ATTACHMENT:
ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3161 OR M-DC PA 107-95.

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FORM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:
1. STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPED 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:
STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFGR'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 77 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED.
1. FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE 1507.3.9.2.
2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLIES OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
3. FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
   1. BOTH TYPES 1 AND 2 ABOVE, COMBINED.
   2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
   3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1970.

NOTE ! ! !
ROOFSHINGLES SHALL BE AS MANUFACTURED BY "TAMKO ROOFING PRODUCTS" OF THE FOLLOWING MODELS:

GLASS-SEAL AR
ELITE GLASS-SEAL AR
HERITAGE 30 AR
HERITAGE 40 AR
HERITAGE 50 AR

THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3161 TYPE 1 MODIFIED TO 110 MPH WINDS & FBC TAS 100, USING 4 NAILS/SHINGLE

REVISIONS	
January 18, 2008	
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LOG PACKAGE SUPPLIER:

CRACKER STYLE LOG HOMES
Highway 27, Williston, Florida
info@crackerstyleloghomes.com
(352) 529-2070

A CUSTOM LOG CABIN FOR:

PIERCE KELLEY, JR.
ADDRESS: 126 JULRUG GLEN, FORT WHITE FLORIDA 32038

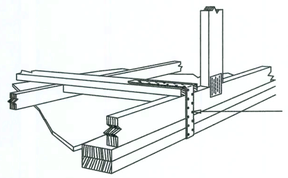
ARD007005

NICHOLAS PAUL GEISLER
ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Rd.
Lake City, FL 32055
(386) 755-9021

PRINTED DATE:	
September 27, 2012	
FINAL DATE:	WALL STYLE:
08 / Aug. / 2012	2x 4 FRAME W/ LOG SIDING

JOB NUMBER: 20120831

DRAWING NUMBER
S.3
OF 5 SHEETS

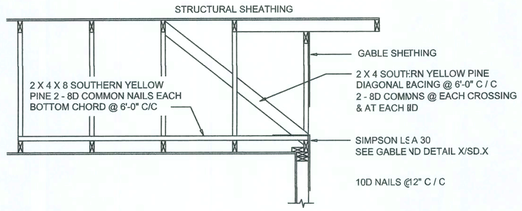


SIMPSON STRONG TIE LTA30
W/ 7-10d NAILS IN 2"X4" LOCKING
AND TRUSS/PLATE

GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

SCALE: NONE

A.1



END WALL BRACING FOR CEILING DIAPHRAGM

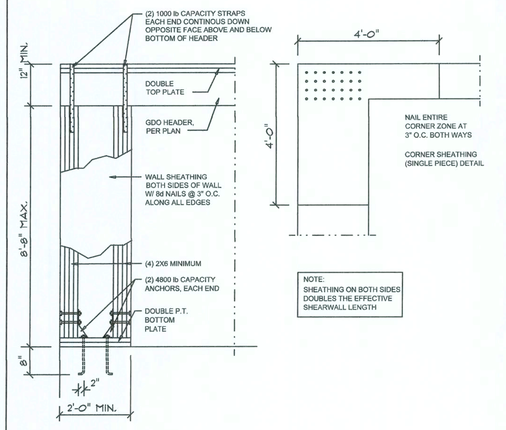
NTS (ALTERNATIVE TO BALLOON FRAMING)

A

NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

BUILDING COMPONENTS & CLADDING LOADS
MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B"

	ZONE	AREA	Vult 110 MPH	Vult 120 MPH	Vult 130 MPH	Vult 140 MPH
ROOF 7° TO 27°	1	10	12.0 / -19.9	14.9 / -23.7	17.5 / -27.8	20.3 / -32.3
	1	20	11.4 / -19.4	13.6 / -23.0	16.0 / -27.0	18.5 / -31.4
	1	50	10.0 / -18.6	11.9 / -22.2	13.9 / -26.0	16.1 / -30.2
	2	10	12.5 / -34.7	14.9 / -41.3	17.5 / -48.4	20.3 / -56.2
	2	20	11.4 / -31.9	13.6 / -38.0	16.0 / -44.6	18.5 / -51.7
	2	50	10.0 / -28.2	11.9 / -33.6	13.9 / -39.4	16.1 / -45.7
	3	10	12.5 / -51.3	14.9 / -61.0	17.5 / -71.6	20.3 / -83.1
	3	20	11.4 /-47.9	13.6 / -57.1	16.0 / -67.0	18.5 / -77.7
	3	50	10.0 / -43.5	11.9 / -51.8	13.9 / -60.8	16.1 / -70.5
WALL	4	10	21.8 / -23.6	25.9 / -34.7	30.4 / -33.0	35.3 / -38.2
	4	20	20.8 / -22.6	24.7 / -26.9	29.0 / -31.6	33.7 / -36.7
	4	50	19.5 / -21.3	23.2 / -25.4	27.2 / -29.8	31.6 / -34.6
	5	10	21.8 / -29.1	25.9 / -34.7	30.4 /-40.7	35.3 / -47.2
	5	20	20.8 / -27.2	24.7 / -32.4	29.0 / -38.0	33.7 / -44.0
	5	50	19.5 / -24.6	23.2 / -29.3	27.2 / -34.3	31.6 / -39.8



Garage End Wall DETAILS

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

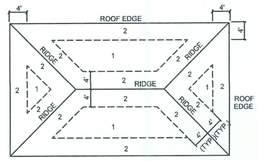
G

ROOF SHEATHING FASTENINGS

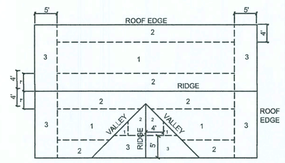
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	7/16 " O.S.B. OR 15/32 CDX	8d COMMON OR 8d HOT DIPPED GALVANIZED BOX NAILS	6 in. o.c. EDGE 12 in. o.c. FIELD
2			6 in. o.c. EDGE 6 in. o.c. FIELD
3			4 in. o.c. @ GABLE ENDWALL OR GABLE TRUSS 6 in. o.c. EDGE 6 in. o.c. FIELD

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING

BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	1.00	1.21	1.47
20	1.00	1.29	1.55
25	1.00	1.35	1.61
30	1.00	1.40	1.66



ROOF SHEATHING NAILING ZONES
(HIP ROOF)



ROOF SHEATHING NAILING ZONES
(GABLE ROOF)

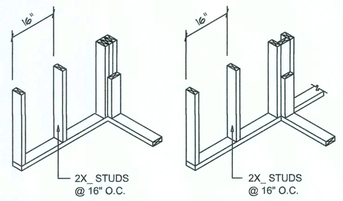
Roof Nail Pattern DET.

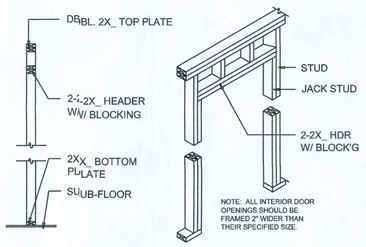
SCALE: NONE

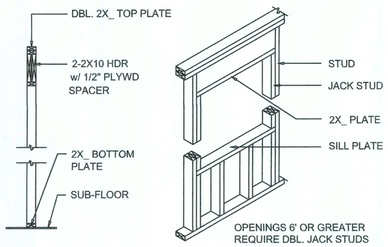
B

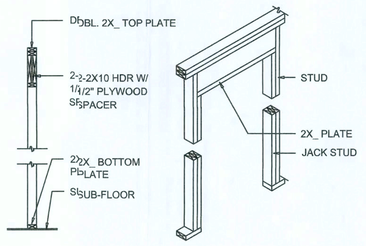
HEADER SPANS FOR EXTERIOR BEARING WALLS

HEADERS SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT) 20' SPAN	20' # JACKS	28' SPAN	28' # JACKS	36' SPAN	36' # JACKS
ROOF, CEILING	2-2x4	3'-6"	1	3'-2"	1	2'-10"	1
	2-2x6	5'-5"	1	4'-8"	1	4'-2"	1
	2-2x8	6'-10"	1	5'-11"	2	5'-4"	1
	2-2x10	8'-5"	2	7'-3"	2	6'-6"	2
	2-2x12	9'-9"	2	8'-5"	2	7'-6"	2
	3-2x8	8'-4"	1	7'-5"	1	6'-8"	1
	3-2x10	10'-6"	1	9'-1"	2	8'-2"	1
	3-2x12	12'-2"	2	10'-7"	2	9'-5"	2
	4-2x8	9'-2"	1	8'-4"	1	9'-2"	1
	4-2x10	11'-8"	1	10'-6"	1	9'-5"	1
	4-2x12	14'-1"	1	12'-2"	2	10'-11"	1





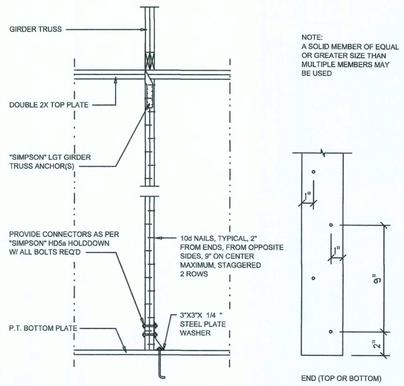




Wall Framing/Header DETAILS

SCALE: NONE

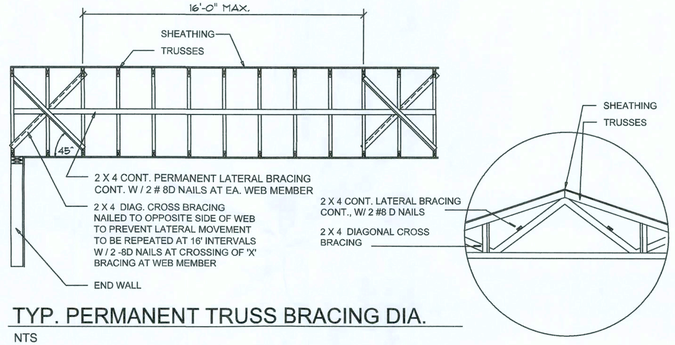
F



Girder Truss Column DET.

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

C



TYP. PERMANENT TRUSS BRACING DIA.

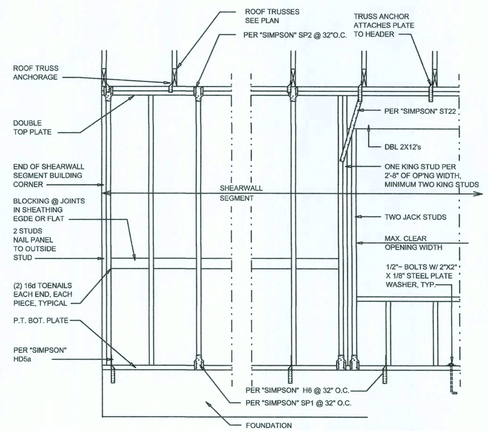
NTS

NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

Truss Bracing DETAILS

SCALE: AS NOTED

D



SHEARWALL NOTES:

1. ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS AS DEFINED BY STD 10-97 SBBCI 305.4.3.
2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16 " O.S.B. INCLUDING AREAS ABOVE AND BELOW OPENINGS.S
3. ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT PANELS OCCURING OVER COMMON FRAMING MEMBERS OR ALONG BLOCKING.
4. NAIL SPACING SHALL BE 6" O.C. EDGES AND 12" O.C. IN THE FIELD.
5. TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IT CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE 5/6 TIMES THE WALL HEIGHT. THE MINIMUM DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHT/3.5 FOR 8'-0" WALLS (2'-3").

OPENING WIDTH	SILL PLATES	16d TOE NAILS EACH END
UP TO 6'-0"	(1) 2x4 OR (1) 2x6	1
> 6' TO 9'-0"	(3) 2x4 OR (1) 2x6	2
> 9' TO 12'-0"	(5) 2x4 OR (2) 2x6	3

Shear Wall DETAILS

SCALE: NONE

E

REVISIONS	
January 18, 2008	
September 27, 2012	

LOG PACKAGE SUPPLIER:

CRACKER STYLE LOG HOMES
Highway 27, Williston, Florida
info@crackerstyleloghomes.com
(352) 529-2070

"WindSTORM" ALT. SHEATHING METHOD:

ALTERNATIVE METHOD FOR ANCHORING THE TOP WALL PLATE TO THE FOUNDATION IN LIEU OF THE SP1/SP2 OR SP4 STRAPS INDICATED IN THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT SHALL ALLOWED AS FOLLOWS:

1. APPLY VERTICALLY, "WindSTORM" 7/16" OSB 48" X 97", 109", 121" OR 145" SHEATHING. FASTEN TO THE TOP PLATE AND THE SILL PLATE WITH EITHER 6d COMMONS @ 3" O.C. OR 8d COMMONS @ 4" O.C., FASTEN TO EACH STUD WITH EITHER 6d COMMONS @ 6" O.C. OR 8d COMMONS @ 8" O.C.

A CUSTOM LOG CABIN FOR:

PIERCE KELLEY, JR.
ADDRESS: 126 JULBUG GLEN, FORT WHITE FLORIDA 32038

AR0007005

NICHOLAS PAUL GEISLER ARCHITECT
M.C.A.R.B. Certified
1756 NW Brown Rd.
Lake City, FL 32055
(386) 755-9021

PRINTED DATE: September 27, 2012

FINAL! DATE: 08 / Aui. / 2012

WALL STYLE: 2x 4 FRAME W/ LOG SIDING

JOB NUMBER: 20120831

DRAWING NUMBER S.4 OF 5 SHEETS