

DATE 05/28/2008

Columbia County Building Permit

PERMIT
000027045

This Permit Must Be Prominently Posted on Premises During Construction

APPLICANT KEVIN BEDENBAUGH PHONE 386 792-4061
 ADDRESS 232 NW CADLEY LANE LAE CITY FL 32055
 OWNER JOSEPH AMBROS PHONE 752-6077
 ADDRESS 238 SW EDNA CIRCLE LAKE CITY FL 32025
 CONTRACTOR PLUM LEVEL CONSTRUCTION PHONE 386 792-4061
 LOCATION OF PROPERTY 247S, TL ON EMERALD STREET, TL ON EDNA CIRCLE, 5TH
HOUSE ON LEFT
 TYPE DEVELOPMENT ADDITION TO SFD ESTIMATED COST OF CONSTRUCTION 5000.00
 HEATED FLOOR AREA 80.00 TOTAL AREA 80.00 HEIGHT STORIES 1
 FOUNDATION CONC WALLS FRAMED ROOF PITCH 5/12 FLOOR SLAB
 LAND USE & ZONING RSF-2 MAX. HEIGHT 17
 Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
 NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 11-4S-16-02919-261 SUBDIVISION EMERALD FOREST
 LOT 61 BLOCK PHASE UNIT TOTAL ACRES 0.51

B0066597
 Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor *Kevin Bedenbaugh*
 EXISTING 08-356 BK JH N
 Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 762

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power Foundation Monolithic
 date/app. by date/app. by date/app. by
 Under slab rough-in plumbing Slab Sheathing/Nailing
 date/app. by date/app. by date/app. by
 Framing Rough-in plumbing above slab and below wood floor
 date/app. by date/app. by
 Electrical rough-in Heat & Air Duct Peri. beam (Lintel)
 date/app. by date/app. by date/app. by
 Permanent power C.O. Final Culvert
 date/app. by date/app. by date/app. by
 M/H tie downs, blocking, electricity and plumbing Pool
 date/app. by date/app. by
 Reconnection Pump pole Utility Pole
 date/app. by date/app. by date/app. by
 M/H Pole Travel Trailer Re-roof
 date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 25.00 CERTIFICATION FEE \$ 0.40 SURCHARGE FEE \$ 0.40
 MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
 FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ **TOTAL FEE** 100.80

INSPECTORS OFFICE *Greg Edler* CLERKS OFFICE *CH*

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECEIVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGRESS WHEN THE PERMIT HAS RECEIVED AN APPROVED INSPECTION WITHIN 180 DAYS.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

CK# 762

Columbia County Building Permit Application

For Office Use Only Application # 0805-35 Date Received 5/20/08 By GT Permit # 27045
 Zoning Official BLK Date 27.05.08 Flood Zone X Land Use RES. L. Dev Zoning RSF-2
 FEMA Map # N/A Elevation N/A MFE N/A River N/A Plans Examiner OK JTH Date 5-23-08
 Comments Impact Fee Exempt

NOC EH Deed or PA Site Plan State Road Info Parent Parcel # _____
 Dev Permit # _____ In Floodway Letter of Auth. from Contractor F W Comp. letter _____

IMPACT FEES: EMS _____ Fire _____ Corr _____ Road/Code _____
 School _____ = TOTAL _____

Septic Permit No. 08-0356-E Fax 386-755-2422
 Name Authorized Person Signing Permit KEVIN BIEDENBAUM Phone 386-792-4061
(365-5264)
 Address 232 NW CHADLEY LN. LAKE CITY, FL 32055
 Owners Name Joseph Ambros Phone 386-752-6077
 911 Address 238 SW EDNA CIR. LAKE CITY, FL 32025
 Contractors Name Plumb level construction Phone 386-792-4061
 Address 232 NW Chadley Ln. Lake City, FL 32055
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Nicholas Geisler 1758 NW Browns Rd. Lake City, FL 32055
 Mortgage Lenders Name & Address _____

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy

Property ID Number 11-45-16-02919-261 Estimated Cost of Construction \$ 22,000
 Subdivision Name EMERALD Forest Lot 61 Block _____ Unit _____ Phase III
 Driving Directions SOUTH ON BLANFORD Hwy, TURN LEFT INTO EMERALD Forest
ON EMERALD ST. GO TO EDNA CIR. ON LEFT, 5th house on left.
238 EDNA. Number of Existing Dwellings on Property 1

Construction of ADDITION SFD Total Acreage .51 Lot Size _____
 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 17'
 Actual Distance of Structure from Property Lines - Front 75' Side 50' Side 45' Rear 140'
 Number of Stories 1 Heated Floor Area 80' Total Floor Area 80 Roof Pitch 5/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment

According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:

YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Joseph B. Ambray
Owners Signature

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

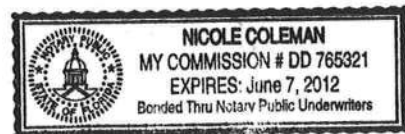
Kevin Z Bodenbaugh
Contractor's Signature (Permitee)

Contractor's License Number RB 0066597
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 19 day of May 2008.
Personally known or Produced Identification _____

Nicole Coleman
State of Florida Notary Signature (For the Contractor)

SEAL:



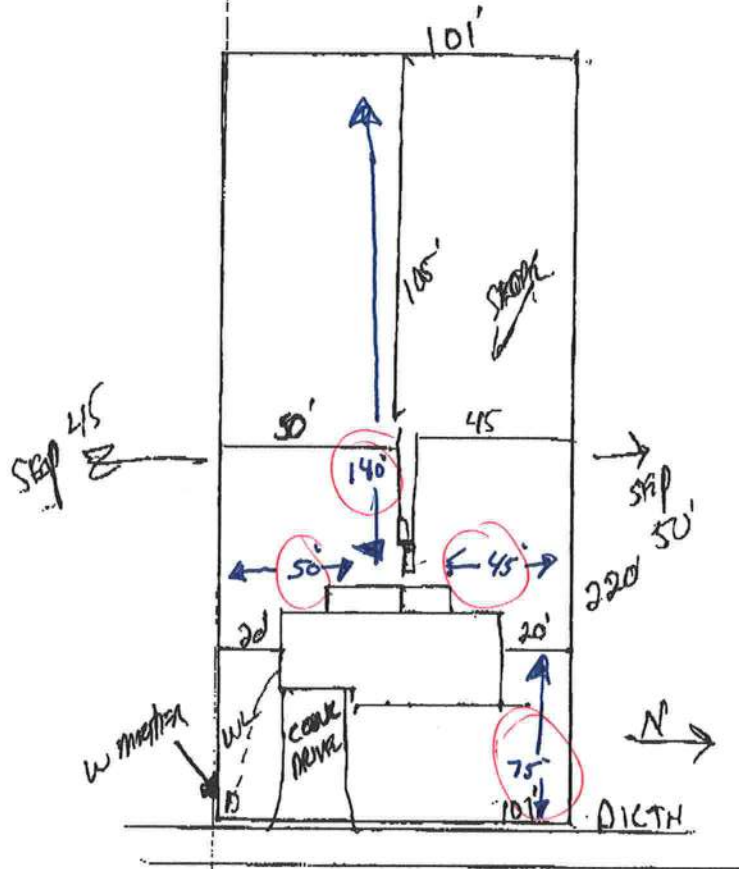
08-0352-E

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number _____

PART II - SITEPLAN

Scale: 1 inch = 50 feet.



Notes:

Site Plan submitted by: _____

Plan Approved _____

By _____

Rock D J
Phu & Jank

Not Approved _____

MASTER CONTRACTOR

Date 5/8/08

Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF Columbia

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

- 1. Description of property: (legal description of property, and street address if available) 11-45-16-02919-261
238 SW EDNA CIR LAKE CITY
32025
- 2. General description of improvement: ADDITION
- 3. Owner information:
 - a. Name and address: Joseph Ambros
238 SW EDNA CIR LAKE CITY, FL 32025
 - b. Interest in property: _____
 - c. Name and address of fee simple titleholder (if other than owner): _____
- 4. Contractor: (name and address) Plumb Level Construction Company 232 NW Chovley Ln
LAKE CITY, FL 32025
 - a. Phone number: 386-793-4061
- 5. Surety:
 - a. Name and address: _____
 - b. Phone number: _____
- 6. Lender: (name and address): _____
 - a. Phone number: _____
- 7. Persons with the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7, Florida Statutes: (name and address): None
- 8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (name and address) None
- 9. Expiration date of notice of commencement (the expiration date is one (1) year from the date of recording unless a different date is specified) _____

Inst: 200812009743 Date: 5/20/2008 Time: 9:52 AM
DC, P. DeWitt Cason, Columbia County Page 1 of 1 B:1150 P:2022

This Space for Clerk's Use Only



[Signature]
(signature of owner)

Sworn to and subscribed before me
this 19th day of May, 2008
[Signature]
NOTARY PUBLIC

Recording Fees: \$ _____
Documentary Stamps: + _____
Total: \$ _____
Prepared By And Return To:

SOUTHEAST TITLE GROUP, LLP
2015 S. 1ST ST.,
LAKE CITY, FL. 32025

File: #00Y-07039KW/KIM WATSON

Property Appraisers Parcel I.D. Number(s):
02919-261
Grantee(s) S.S.#(s):
552448229
402403272

00-13189

FILED AND RECORDED IN PUBLIC
RECORDS OF COLUMBIA COUNTY, FL.

'00 AUG -1 PH 2: 54

RECORD VERIFIED

JAM

WARRANTY DEED

THIS WARRANTY DEED made and executed the 27th day of July, 2000 by NELO L. CONOL and FLORIDA B. CONOL, HIS WIFE, hereinafter called the Grantor, to JOSEPH S. AMBROS and MARY AMBROS, HIS WIFE, whose post office address is: 36127 COLEUS AVENUE, ZEPHYRHILLS, FLORIDA 33541, hereinafter called the Grantee:

(Wherever used herein the terms "Grantor" and "Grantee" shall include singular and plural, heirs, legal representatives, and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

WITNESSETH: That the Grantor, for and in consideration of the sum of TEN DOLLARS (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, by these presents does grant, bargain, sell, alien, remise, release, convey and confirm unto the Grantee all that certain land situate, lying and being in COLUMBIA County, State of Florida, viz:

LOT 61, EMERALD FOREST, PHASE 3, SUBDIVISION ACCORDING TO PLAT THEREOF RECORDED IN PLAT BOOK 6, PAGE 85, PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

SUBJECT TO: RESTRICTIONS AS RECORDED IN O.R. BOOK 768, PAGE 841.

SUBJECT TO: EASEMENT GRANTED TO CLAY ELECTRIC COOP., IN O.R. BOOK 768, PAGE 1695.

TOGETHER with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining. TO HAVE AND TO HOLD the same in fee simple forever.

AND the Grantor hereby covenants with said Grantee that the Grantor is lawfully seized of said land in fee simple; that the Grantor has good right and lawful authority to sell and convey said land, and hereby warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except easements, restrictions and reservations of record, if any, and taxes accruing subsequent to December 31, 1999.

IN WITNESS WHEREOF, the said Grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in the presence of:

Debbie McDonald
Witness: Debbie McDonald

Kim Shepard
Witness: Kim Shepard

Witness: _____

Witness: _____

NELO L. CONOL

NELO L. CONOL
Address: 210 KENT STREET

JEFFERSON CITY, MISSOURI 65109

FLORIDA B. CONOL

FLORIDA B. CONOL
Address: 210 KENT STREET

JEFFERSON CITY, MISSOURI 65109

OFFICIAL RECORDS
BK 0907 Pg 1200

STATE OF ~~FLORIDA~~ Missouri
COUNTY OF Cole

I hereby certify that on this day, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared NELO L. CONOL and FLORIDA B. CONOL, HIS WIFE, who produced the identification described below, and who acknowledged before me that they executed the foregoing instrument. Witness my hand and official seal in the county and state aforesaid this 27th day of July, 2000.

Phyllis McKittrick
Notary Public:
Identification Examined: yes
dures decedae

Phyllis McKittrick
Notary Public - Notary Seal
STATE OF MISSOURI
County of Cole
My Commission Expires Jan. 17, 2001

Documentary Stamp: 505.00
Intangible Tax: 0
P. DeWitt Cason
Clerk of Court
By: *JAM* D.C.

>> Print as PDF <<

LOT 61 EMERALD FOREST S/D AMBROS JOSEPH S & MARY 11-4S-16-02919-261 Columbia County 200
PHASE III. ORB 782-279, 238 SW EDNA CT CARD 0
868-2158, 907-1200, LAKE CITY, FL 32024 PRINTED 4/15/2008 15:21 BY
APPR 10/30/2003 DF

BUSE 000100 SINGLE FAM AE? Y 1380 HTD AREA 116.028 INDEX 11416.04 EMERALD PUSE 000100 SING
MOD 1 SFR BATH 2.00 1636 EFF AREA 59.174 E-RATE 100.000 INDX STR 11- 4S-16E
EXW 19 COMMON BRK FIXT 96809 RCN 1993 AYB MKT AREA 06 82
30% 31 VINYL SID BDRM 3 84.95 %GOOD 82,239 B BLDG VAL 1993 EYB (PUD1 4
RSTR 08 IRREGULAR RMS AC .510 34
RCVR 03 COMP SHNGL UNTS 3 FIELD CK: HX AppYr 2001 3 NTCD
% N/A C-W% 3 LOC: 238 EDNA CT SW LAKE CITY 3 APPR CD
INTW 05 DRYWALL HGHT 3 3 CNDO 121
% N/A PMTR 3 +-----20-----+ 3 SUBD
FLOR 14 CARPET STYS 1.0 3 1BAS1993 1 3 BLK
20% 08 SHT VINYL ECON 3 0 0 3 LOT
HTTP 04 AIR DUCTED FUNC 3 +-----20-----+20-----+8--+6-+-----14--+ 3 MAP# 70-C
A/C 03 CENTRAL SPCD 3 IFGR1993 IBAS1993 I 3 13 HX
QUAL 05 05 DEPR 52 3 I I I 3 TXDT 002
FNDN N/A UD-1 N/A 3 2 2 I 3
SIZE 03 RECTANGLE UD-2 N/A 3 2 2 I 3 ----- BLDG TRAVERSE ---
CEIL N/A UD-3 N/A 3 I I 2 3 BAS1993=W14 N1 W6 S1 W8 B
ARCH N/A UD-4 N/A 3 I I 9 3 W20 S10 E20\$ W13 FGR1993=W20S2
FRME 01 NONE UD-5 N/A 3 +-----20-----+ I 3 S25 FOP1993=S3 E15 N3 W15\$ E1
KTCH 01 01 UD-6 N/A 3 +----15----+ I 3 E11 N29\$.
WNDO N/A UD-7 N/A 3 +----15----+ I 3
CLAS N/A UD-8 N/A 3 FOP1993 I +---11--+ 3
OCC N/A UD-9 N/A 3 +----15----+ 3
COND 03 03 % N/A 3 3 ----- PERMITS -----
SUB A-AREA % E-AREA SUB VALUE 3 3 NUMBER DESC AMT
BAS93 1380 100 1380 69370 3 3 7691 SFR 30,000
FGR93 440 55 242 12165 3 3
FOP93 45 30 14 704 3 3 ----- SALE -----
3 3 BOOK PAGE DATE
3 3 907 1200 7/27/2000 Q I
3 3 GRANTOR CONOL
3 3 GRANTEE AMBROS
3 3 868 2158 11/03/1998 Q I
3 3 GRANTOR ROWE
3 3 GRANTEE CONOL

Table with columns: AE BN, CODE, DESC, LEN, WID, HGHT, QTY, QL, YR, ADJ, UNITS, UT, PRICE, ADJ, UT, PR, SPCD, %, %GOOD, X. Includes rows for Y 0166 CONC, PAVMT and Y 0120 CLFENCE.

Table with columns: LAND, DESC, ZONE, ROAD, {UD1, {UD3, FRONT, DEPTH, FIELD CK: ADJUSTMENTS, UNITS, UT, PRICE, ADJ, UT, PR, LAN. Includes row for Y 000100 SFR.

L001 - 0.51 AC.
2008

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Alterations and Additions for:

Mr. & Mrs. J. Ambros

Columbia County, Florida

Drawing Index

CS.1	COVER SHEET, DRAWING INDEX	A.1	FOUNDATION PLAN
		A.8	FRAMING DETAILS
A.1	BUILDING ELEVATIONS	A.9	FRAMING DETAILS
A.2	FLOOR PLAN	A.10	ROOF PLAN
A.3	ELECTRICAL PLAN	A.11	FRAMING DETAILS
A.4	ADA DETAILS	A.12	ROOF DETAILS
A.5	WALL SECTION & DETAILS	N.1	FOUNDATION PLAN
A.6	STRUCTURAL DETAILS	N.1	ROOF FRAMING PLAN



Handwritten signature
AR0007005

SHEET:	REVISION:	DRAWN:	DATE:
CS.1		rpg	01AUG2K7
8			COMB 2K744

ALTERATIONS & ADDITIONS for:
MR. & MRS. JOSEPH AMBROS
 COLUMBIA COUNTY, FLORIDA
FLOOR PLAN

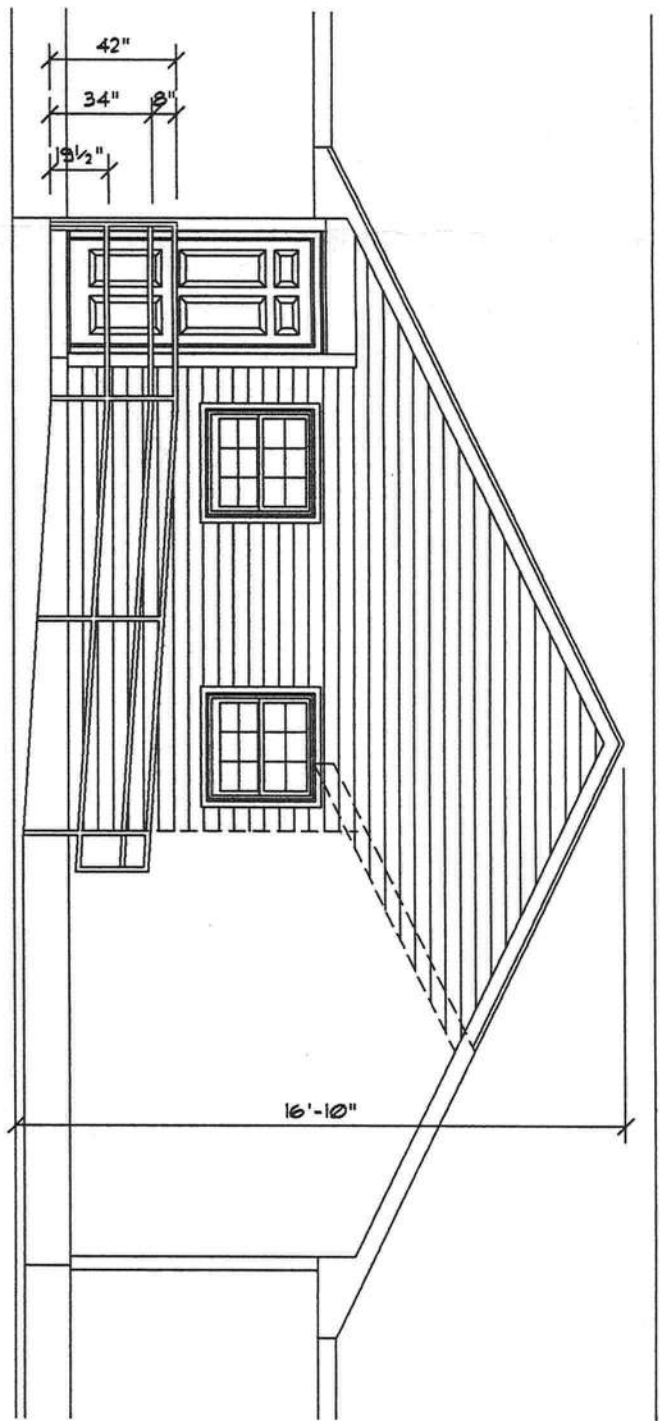
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 N.P. Geisler, Architect

NG
NICHOLAS PAUL GEISLER
ARCHITECT
 N.C.A.R.B. Certified

1758 NW Brown Rd.
 Lake City, FL 32055
 386/755-9021

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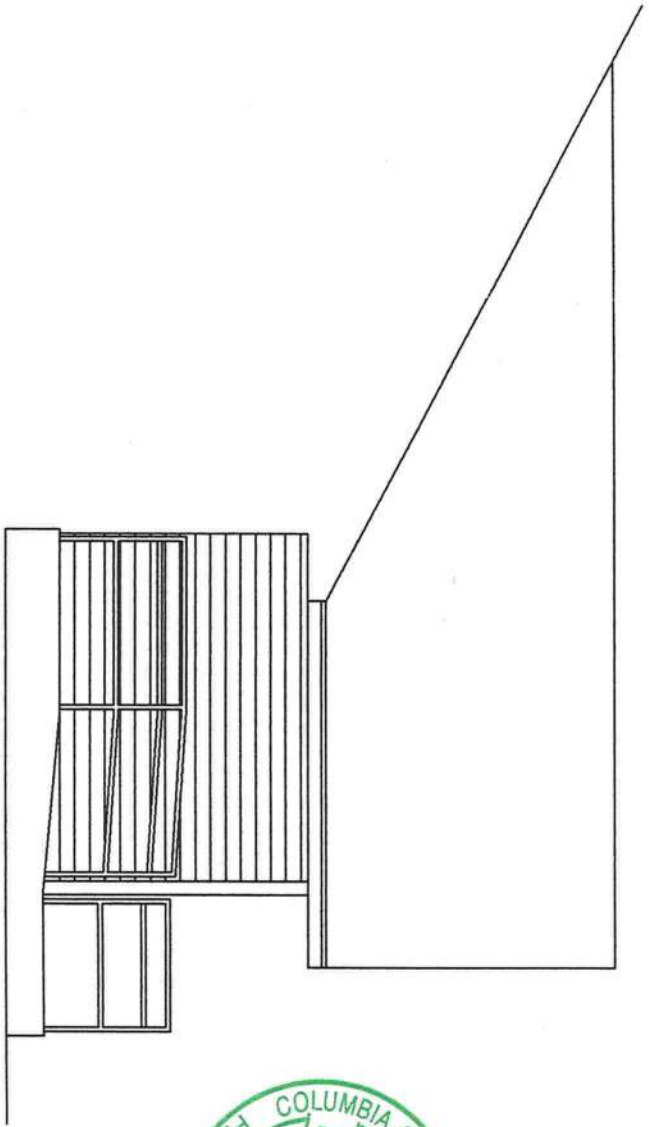
AS-BUILT FIELD NOTES



REAR ELEVATION

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

NOTE!
MATCH ALL EXISTING MATERIALS AND FINISHES, UNLESS DIRECTED OTHERWISE.



SIDE ELEVATION

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



SHEET: A.1 1 of 12	REVISION:	DRAWN: rpg	DATE: 01AUG2K7 COMB 2K744
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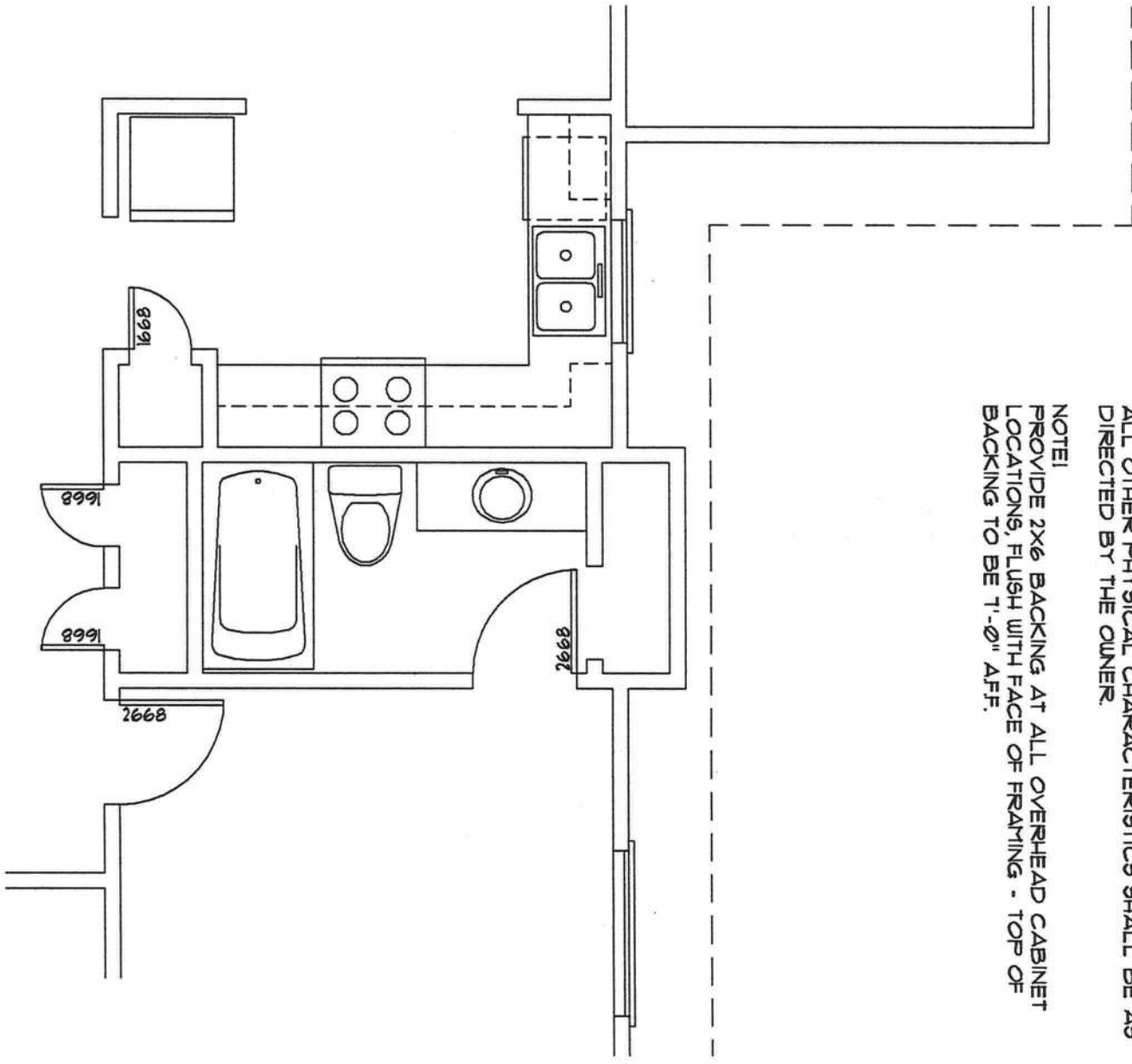
ALTERATIONS & ADDITIONS for:
MR. & MRS. JOSEPH AMBROS
COLUMBIA COUNTY, FLORIDA
ELEVATIONS

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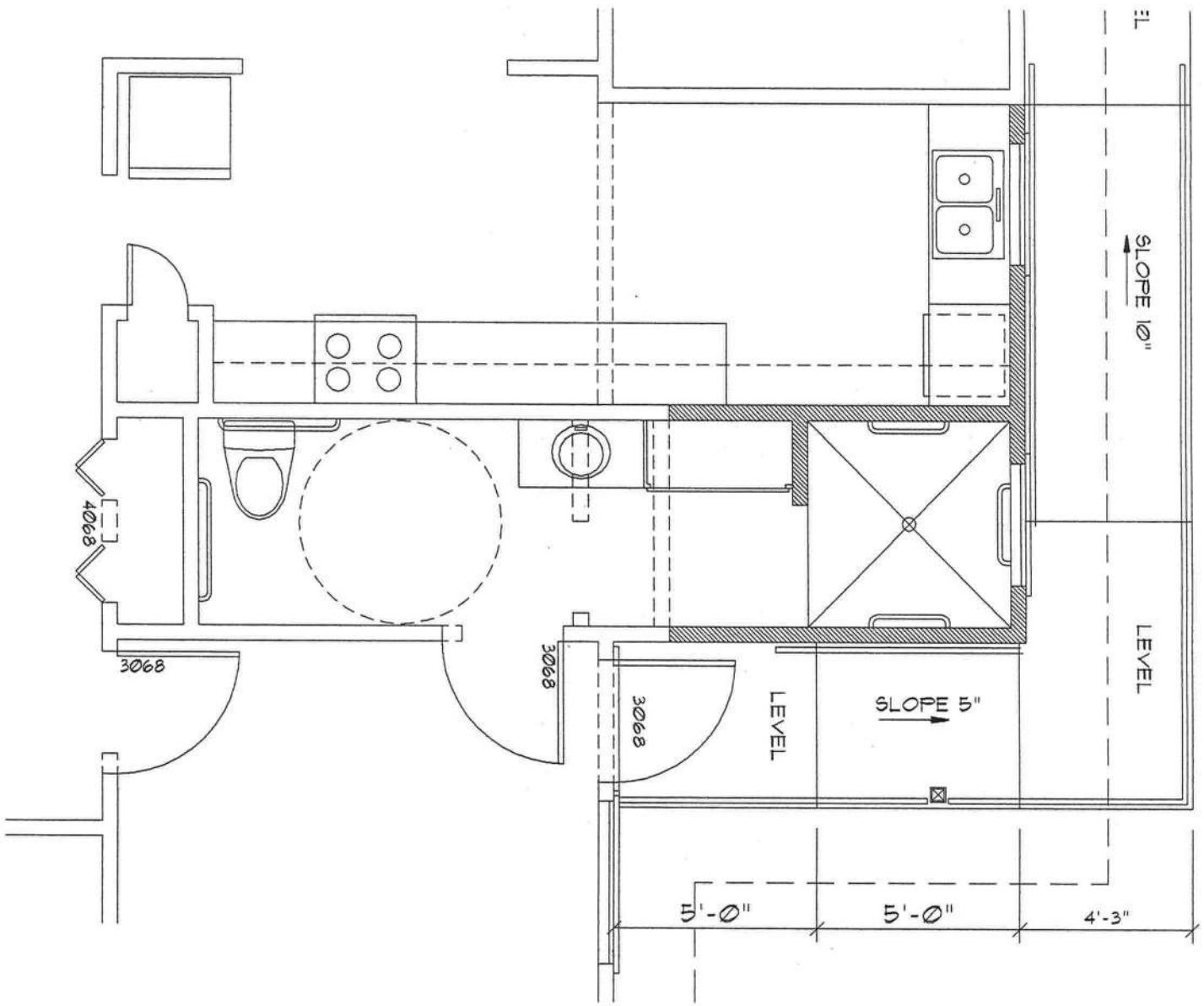


NOTE!
CABINETS, COUNTERS, SHELVES AND THE LIKE, SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS OF QUALITY AS OUTLINED IN THE NOTES TITLED "GENERAL MILLWORK NOTES", AND SHALL INCLUDE SUCH FEATURES, HARDWARE AND FINISHES AS DIRECTED BY THE OWNER. THE PLAN VIEWS INDICATED ARE FOR 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 LOCATION, FLUSH WITH FACE OF FRAMING - TOP OF BACKING TO BE 1'-0" AFF.

PLAN of Existing Area

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



New Floor Plan

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

Joseph S. Ambros
K.S.



SHEET: A.2 2 of 12	REVISION: 16 APR 2K8	DRAWN: npg	DATE: 01 AUG 2K7 COMM: 2K744
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ALTERATIONS & ADDITIONS for:
MR. & MRS. JOSEPH AMBROS
COLUMBIA COUNTY, FLORIDA
FLOOR PLAN

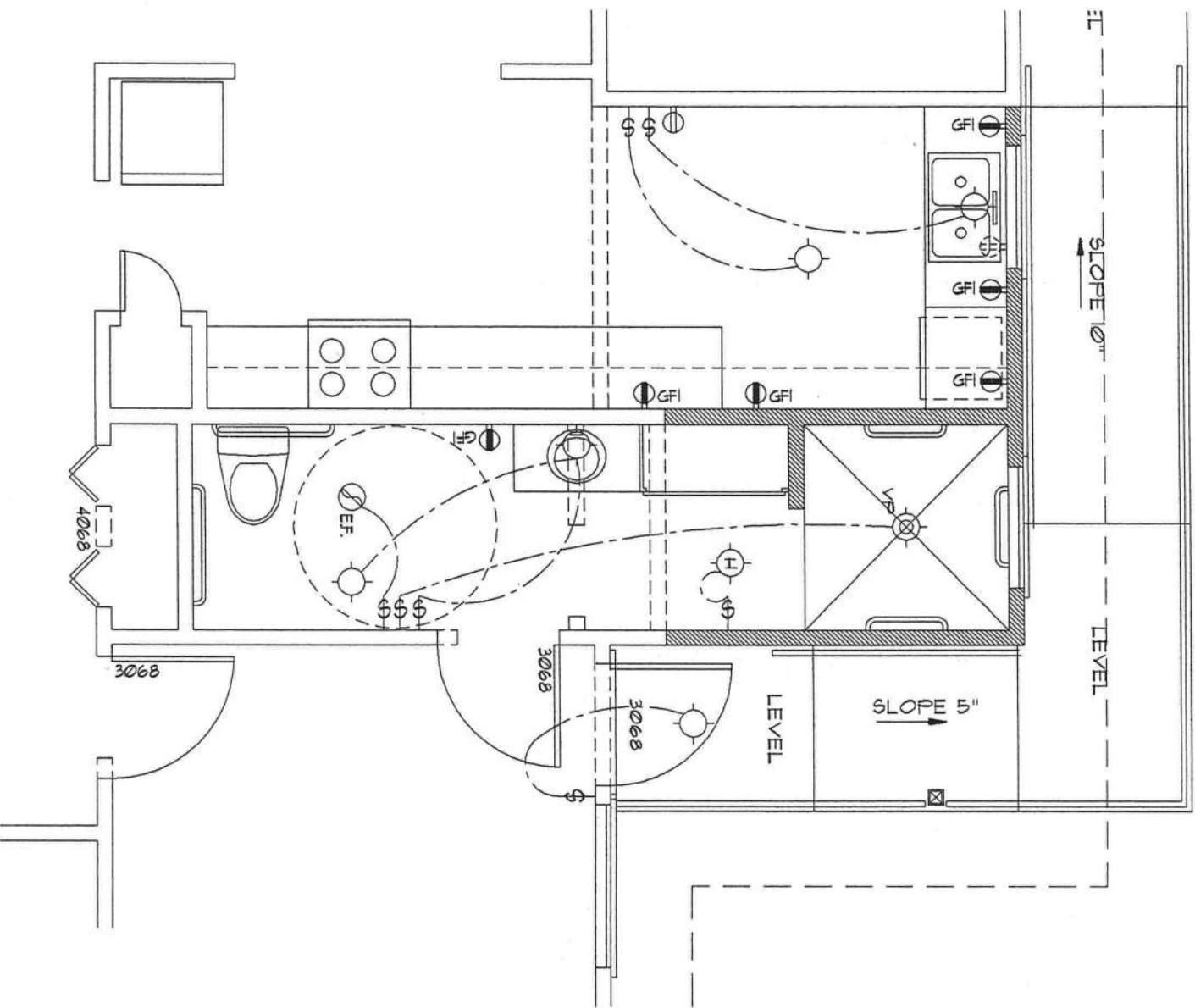
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N.P. Geisler, Architect

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N.C.A.R.B. Certified

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ELECTRICAL PLAN NOTES

- WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.
- CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.
- ALL RECEPTICALS IN BEDROOMS SHALL BE ON ARC FAULT INTERRUPTER CIRCUITS (AFCI), PER NEC 210-12
- ALL RECEPTICALS IN BATHROOMS, KITCHENS AND EXTERIOR LOCATIONS SHALL BE ON GROUND FAULT INTERRUPTER CIRCUITS (GFCI).
- 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 DUGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDING TO THE ELEC. PLAN, 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 DUGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.



Elec. Floor Plan

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

Joseph & Ann Ambros
NSP
 ARCHITECT
 ARO007005

SHEET: A.3 3 OF 12	REVISION: 16 APR 2K8	DRAWN: npg	DATE: 01AUG2K7 COMM: 2K744
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ALTERATIONS & ADDITIONS for:
MR. & MRS. JOSEPH AMBROS
 COLUMBIA COUNTY, FLORIDA
ELECTRICAL PLAN

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NICHOLAS PAUL GEISLER
ARCHITECT
 N.C.A.R.B. Certified

1758 NW Brown Rd.
 Lake City, FL 32055
 386/755-9021

A.D.A. NOTES: ACCESSIBILITY

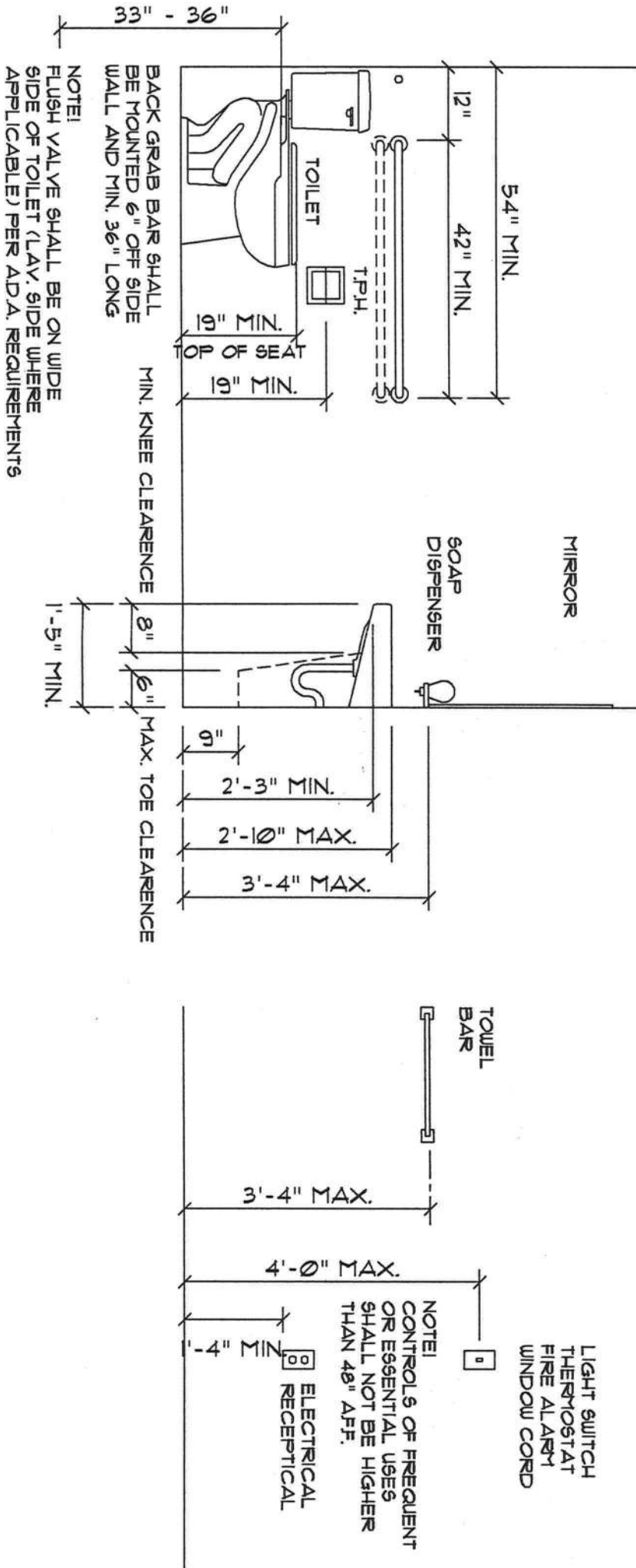
RESTROOM NOTES

WATERCLOSETS: SHALL COMPLY WITH SEC. 4.16 OF ADA
 HEIGHT OF SEAT SHALL BE IN ACCORDANCE WITH SEC. 4.16.3 OF ADA
 FLUSH CONTROLS SHALL BE IN ACCORDANCE WITH SEC. 4.16.5 OF ADA
 GRAB BARS: SHALL COMPLY WITH SEC. 4.16.4 OF ADA
 DISPENSERS: SHALL COMPLY WITH SEC. 4.16.6 OF ADA
 LAVATORIES, SINKS & MIRRORS: SHALL COMPLY W/ SECTION 4.19 OF ADA
 HEIGHTS SHALL COMPLY WITH SEC. 4.19.2.1 OF ADA
 EXPOSED PIPES & SURFACES SHALL COMPLY W/ SECTION 4.19.4 OF ADA
 FAUCETS SHALL COMPLY WITH SEC. 4.19.5 OF ADA
 MIRRORS SHALL COMPLY WITH SEC. 4.19.6 OF ADA

OWNER SELECTED MATERIAL AND INSTALLATION OF FINISH FLOORING
 MATERIALS TO COMPLY WITH THE FOLLOWING:

SEC. 4.5 OF ADA
 SEC. 4.3 OF ADA
 APPLICABLE SECTIONS OF NFPA FIRE CODES
 APPLICABLE SECTIONS OF NFPA 101-LATEST LIFE SAFETY CODE

FIGURES, DEVICES AND RELATED HARDWARE NOT SPECIFICALLY DEFINED
 OR MENTIONED ELSEWHERE ARE TO BE OWNER SELECTED AND INSTALLED TO
 COMPLY WITH THE ABOVE APPLICABLE ADA SECTIONS.



NOTE!
 FLUSH VALVE SHALL BE ON WIDE
 SIDE OF TOILET (LAV. SIDE WHERE
 APPLICABLE) PER ADA REQUIREMENTS

STANDARD MOUNTING PER A.D.A. REQUIREMENTS

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

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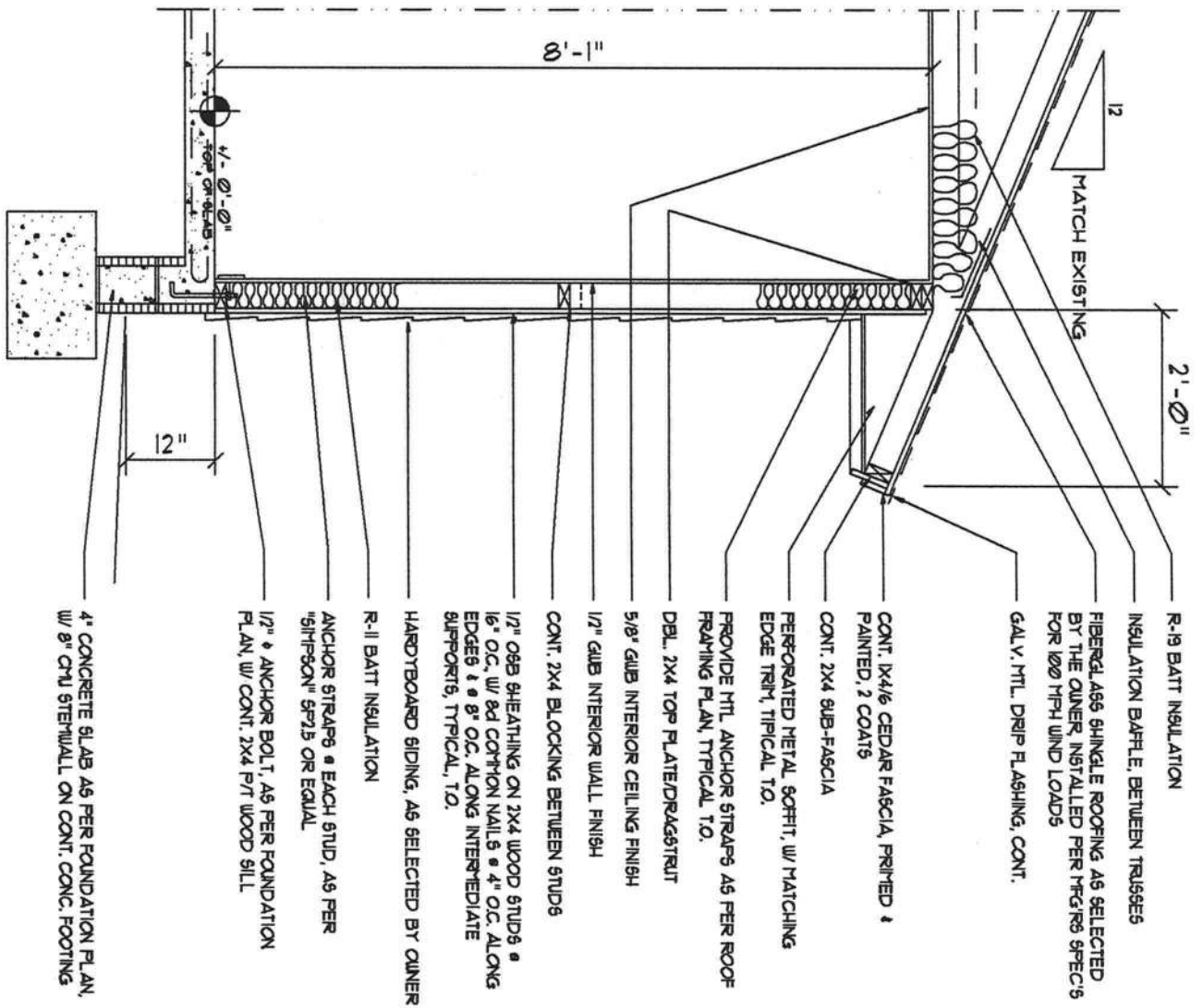
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ALTERATIONS & ADDITIONS for:
MR. & MRS. JOSEPH AMBROS
 COLUMBIA COUNTY, FLORIDA
ADA DETAILS

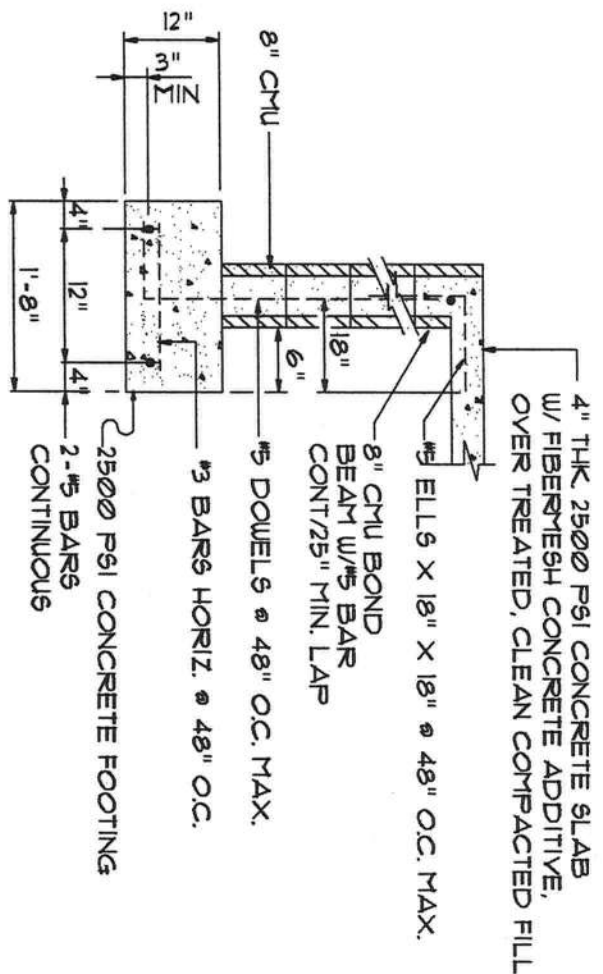
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NICHOLAS PAUL GEISLER
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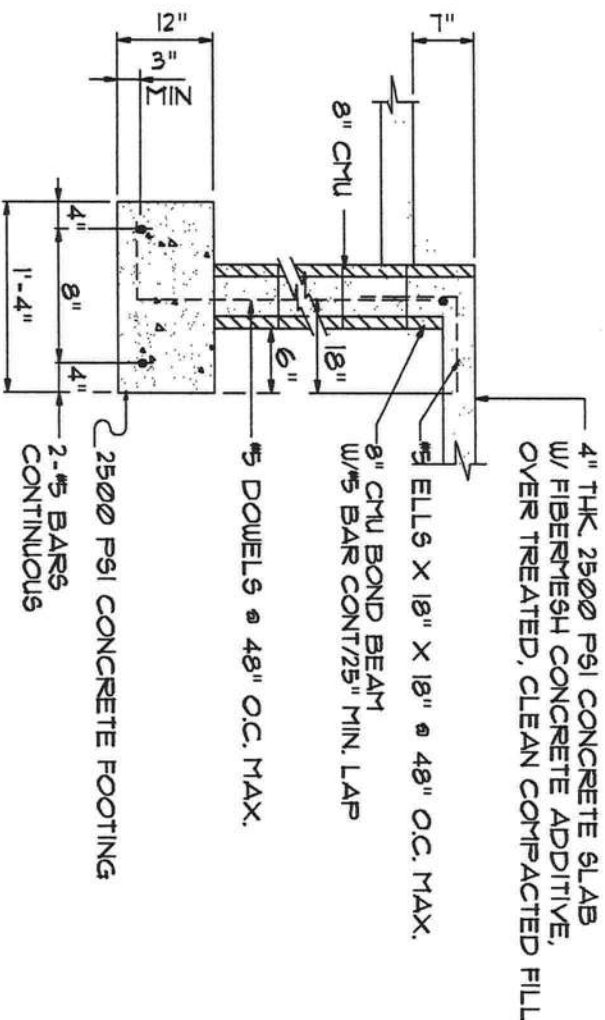
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Typical Wall Section
SCALE: 1/2" = 1'-0"
A



Stemwall Section
SCALE: 1/2" = 1'-0"
B



Stemwall Section
SCALE: 1/2" = 1'-0"
C

Nicholas Paul Geisler
AR0007005

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ALTERATIONS & ADDITIONS for:
MR. & MRS. JOSEPH AMBROS
COLUMBIA COUNTY, FLORIDA
WALL SECTION & DETAILS

NP
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FLORIDA BUILDING CODE Compliance Summary

TYPE OF CONSTRUCTION

Roof: Gable Construction, Wood Trusses @ 24" O
Walls: 2x4 Wood Studs @ 16" O.C.
Floor: 4" Thk. Concrete Slab w/ Fiberglass Concrete Additive
Foundation: Continuous Footer/Stem Wall

ROOF DECKING

Material: 1/2" CD Plywood or 1/16" OSB.
Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing
Fasteners: 8d Common Nails per schedule on sheet A1

SHEARWALLS

Material: 1/2" CD Plywood or 1/16" OSB.
Sheet Size: 48"x96" Sheets Placed Vertical
Fasteners: 8d Common Nails @ 4" O.C. Edges & 8" O.C. Interior
Dragstrut: Double Top Plates (3" x 1/2") w/ 6d Nails @ 12" O.C.
Wall Studs: 2x4 9ft Studs @ 16" O.C.

HURRICANE UPLIFT CONNECTORS

Truss Anchors: Simpson H25a @ Ea. Truss End (Typ. UON)
Wall Tension: Wall Sheathing Nailing is Adequate - 8d @ 4" O.C. Top & Bot.
Anchor Bolts: 1/2" A307 Bolts @ 48" O.C. - 1st Bolt 6" from corner
Corner Hold-down Device: (1) HD5a @ each corner
Porch Column Base Connector: Simpson ABU44/ABU66 @ each column
Porch Column to Beam Connector: Simpson EFC44/FC44 @ each column

FOUNDINGS AND FOUNDATIONS

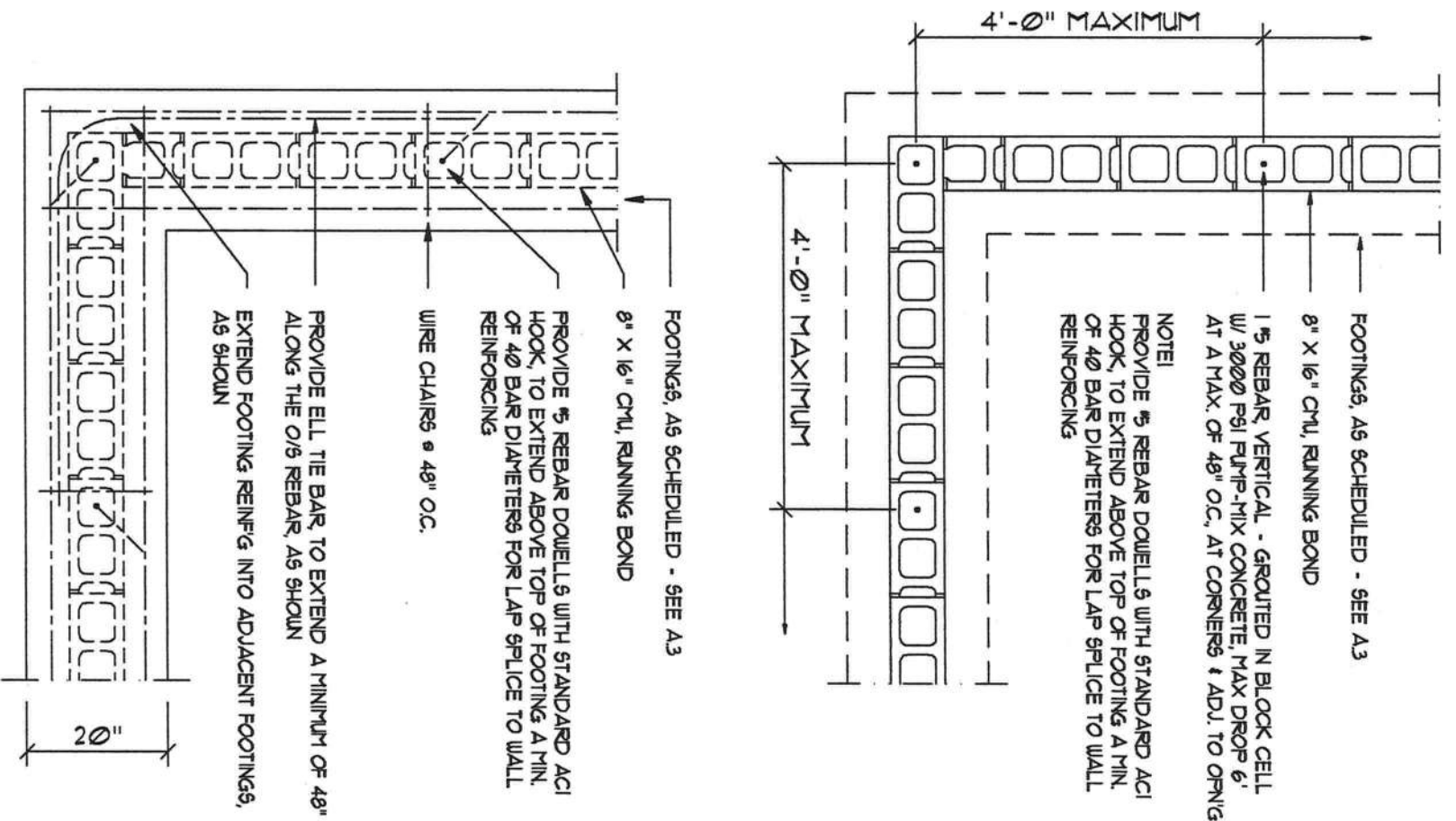
Footings: 20"x12" Cont. W/ 2-#5 Bars Cont. & 1-#3 Transverse @ 24" O.C.
Stemwall: 8" CHL W/ 1-#5 Vertical Dowel @ 48" O.C.

ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609, FLORIDA BUILDING CODE, 2004 EDITION.	
BASIC WIND SPEED:	110 MPH
WIND IMPORTANCE FACTOR (I):	1.1 @ 100
BUILDING CATEGORY:	CATEGORY II
WIND EXPOSURE:	"B"
INTERNAL PRESSURE COEFFICIENT:	+/- .018
MUFGS PER TABLE 1609.2A (FBC 2004)	ROOF: - .231 PGF WALLS: + .166 PGF EAVES: - .213 PGF
DESIGN WIND PRESSURES:	
COMPONENTS & CLADDING PER TABLES 1609.2B & 1609.2C (FBC 2004)	OPENINGS: + .218 / - .231 PGF EAVES: - .683 PGF ROOF: + .193 / - .255 PGF
DESIGN WIND PRESSURES:	

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINFECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 1604.26
2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1603.4.4
3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1603.4.4
4. TO PROVIDE FOR INSPECTION FOR TERMITE NESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6". EXCEPTION: PAINT AND DECORATIVE GENUINE FINISH LESS THAN 6" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.16
5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1616.11
6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORTED. FBC 1616.12
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. FBC 1616.13
8. MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT. RETREATMENT IS REQUIRED. FBC 1616.14
9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1616.15
10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1616.16
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. FBC 1616.16
12. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1616.17
13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A 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. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 1616.17
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. FBC 2303.13
15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC. SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.14



Wall/End Reinf'g DET.

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

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ALTERATIONS & ADDITIONS for:
MRS. JOSEPH AMBROS
COLUMBIA COUNTY, FLORIDA
STRUCTURAL DETAILS

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CONCRETE / MASONRY / METALS GENERAL NOTES:

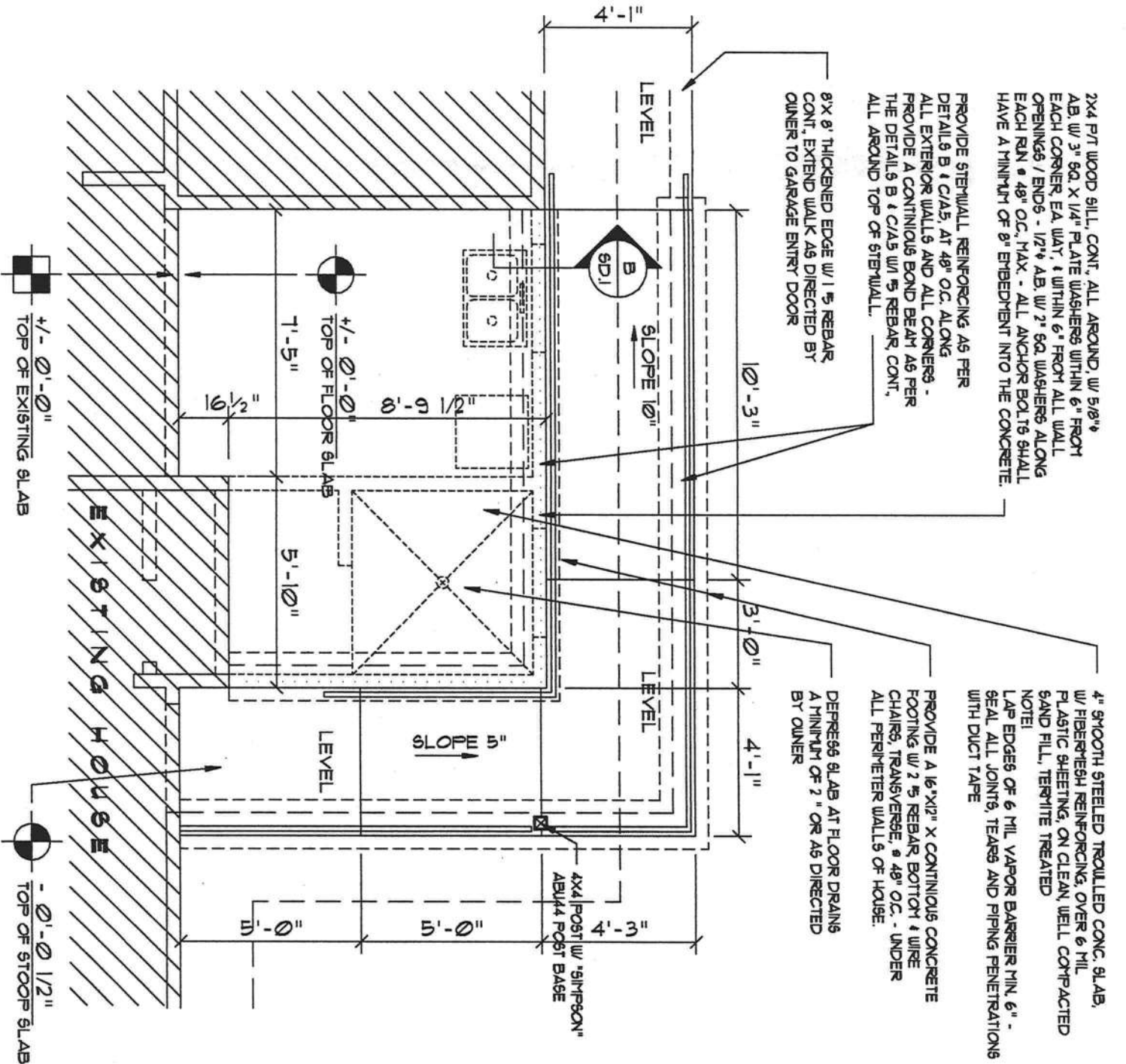
1. DESIGN SOIL BEARING PRESSURE: 1000 PSF.
2. EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
3. CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
4. REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
5. WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS = 85 KSI.
6. CONCRETE SHALL BE STANDARD MIX F.C. = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F.C. = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
7. CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F'm = 1500 PSI.
8. MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE I OR A325, AS PER PLAN REQUIREMENTS.
10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

Foundation PLAN

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

SHEAR WALL SEGMENTS, SEE E/S/D 4

NOTE!
ALL EXTERIOR WALLS ARE 2X4 STUDS W/ 1/2" THICK CDX PLYWD. SHEATHING (4")



NOTE!
THE DESIGN WIND SPEED FOR THIS PROJECT IS 110 MPH PER 2004 FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

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 DWGS 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 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.

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MR. & MRS. JOSEPH AMBROS
COLUMBIA COUNTY, FLORIDA
FOUNDATION PLAN

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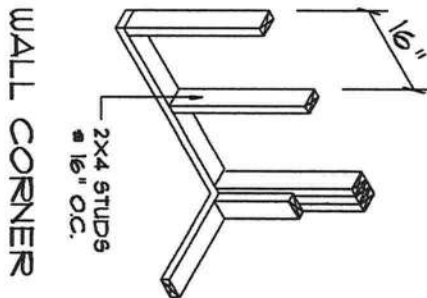
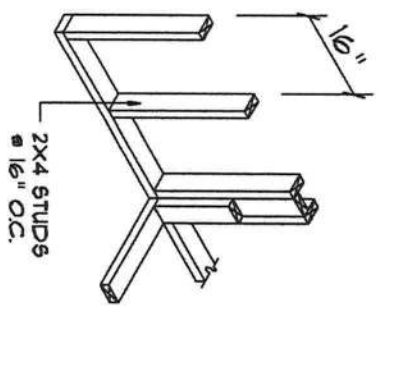
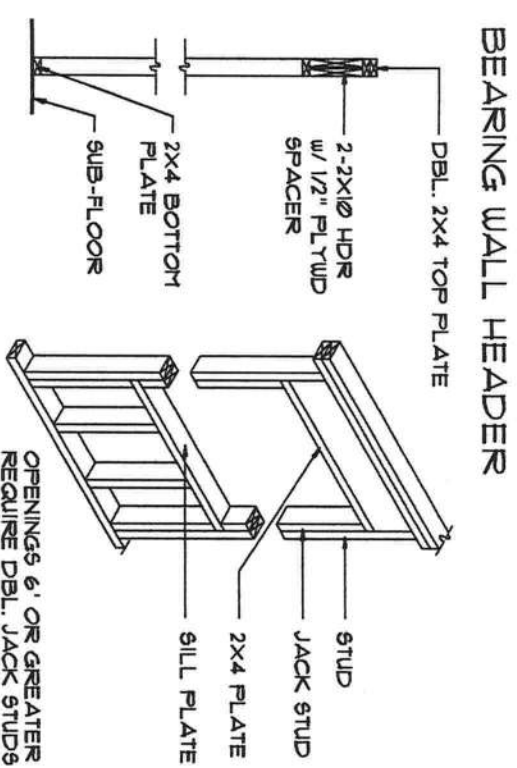
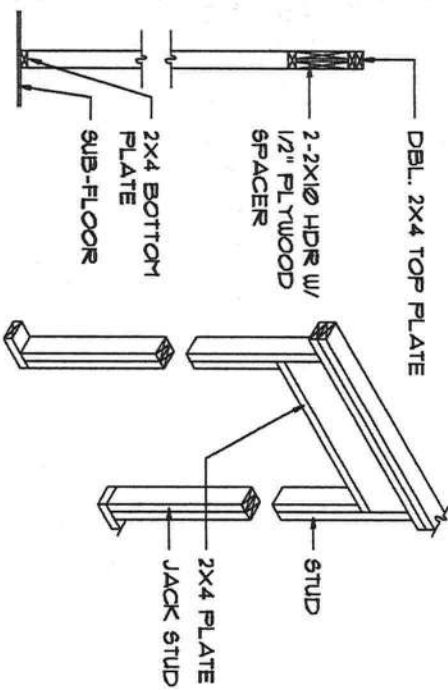
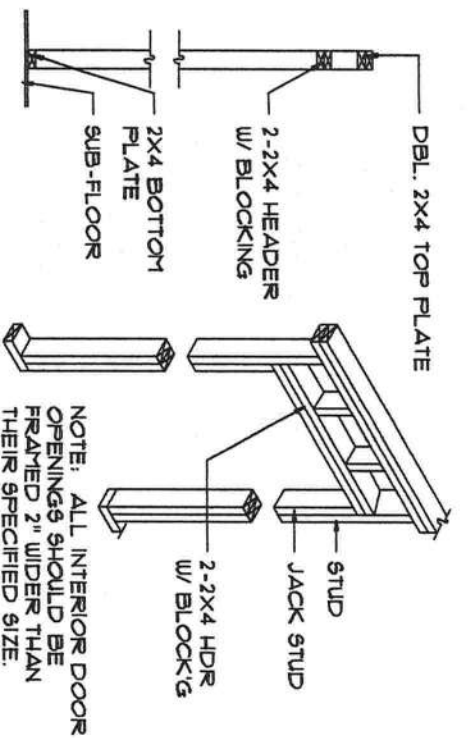
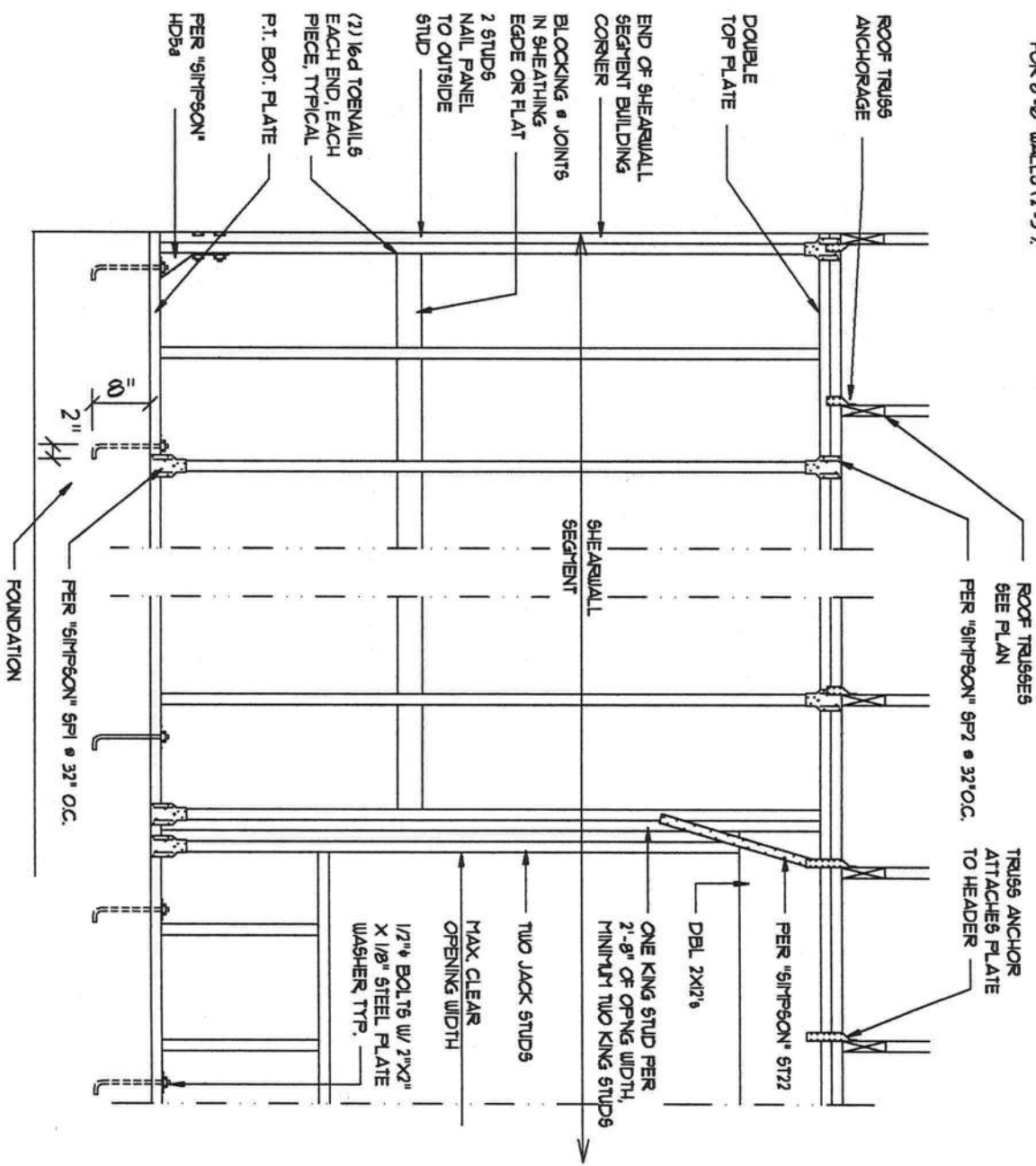
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SHEARWALL NOTES:

1. ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS AS DEFINED BY STD 10-51 BEBCI 305.4.3.
2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16" OSB, INCLUDING AREAS ABOVE AND BELOW OPENINGS.
3. ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT PANELS OCCURRING 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	1/4" TOE NAILS EACH END
UP TO 6'-0"	(1) 2x4 OR (1) 2x6	1
6'-0" TO 9'-0"	(3) 2x4 OR (1) 2x6	2
9'-0" TO 12'-0"	(5) 2x4 OR (2) 2x6	3



Shearwall Detail

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



Wall Framing / Header Details

SCALE: NONE



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ALTERATIONS & ADDITIONS for:
MR. & MRS. JOSEPH AMBROS
 COLUMBIA COUNTY, FLORIDA

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ELECTRICAL NOTES: General

1. DO NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT. CONFIRM WITH OWNER.
2. INSTALL ALL ELECTRICAL WORK IN CONFORMANCE WITH THE NEC PERMITTED, AND ITS AMENDMENTS AS ADOPTED BY THE PERMIT ISSUING AUTHORITY AT THE TIME OF CONSTRUCTION.
3. GROUNDING: GROUND ALL MAIN DISCONNECTS TO STANDARD GROUND ROD(S) AND TO COLD WATER SUPPLY AS PER ARTICLE 250 OF NEC-1994.
4. INSTALL ONLY COPPER WIRING ON THIS PROJECT. THIN, THIN, THIN OR NOT CABLE, UNLESS NOTED OTHERWISE. ALL CONDUCTORS #10 & SMALLER THAT BE SOLID. ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED TYPE.
5. PROVIDE CONTINUITY OF NEUTRAL ON MULTI-BRANCH CIRCUITS BY SPLICING AND BRINGING OUT A TAP, ASSURING NO OPENINGS OF NEUTRAL IN REPLACEMENT OF A DEVICE.
6. COLOR CODE MULTI-CIRCUIT WIRING AS FOLLOWS: NEUTRAL - WHITE, GROUND - GREEN, LINE - ALL OTHER COLORS.
7. INSTALL ONLY HIGH POWER FACTOR BALLASTS AT FLUORESCENT FIXTURES.
8. INSTALL GFI BREAKERS OF DEVICES AT ALL BATHROOM, RESTROOM, KITCHEN, GARAGE AND EXTERIOR RECEPTACLES AND AS NOTED ON THE DRAWINGS.
9. INSTALL ONLY THOSE ELECTRICAL DEVICES THAT BEAR A "UL" OR OTHER RECOGNIZED TESTING LAB LABEL. ALL MATERIALS SHALL BE NEW.
10. INSTALL NON-FUSED DISCONNECT SWITCHES AT ALL PIECES OF ELECTRICAL EQUIPMENT LOCATED WHERE SAID EQUIPMENT IS NOT VISIBLE FROM THE CIRCUIT BREAKER THAT PROTECTS IT. SIZE IN ACCORD WITH THE LOAD. ALL DISCONNECT SWITCHES SHALL BE H.P. RATED, HEAVY DUTY, QUICK-TAKE - QUICK-BREAK TYPE - ENCLOSURES SHALL BE AS REQ'D FOR EXPOSURE.
11. MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC WITH OVERLOAD RELAYS IN EACH HOT LEG.
12. ISOLATE DISSIMILAR CONDUIT AND TUBING METALS FROM SOIL, WATER AND GAS PIPING AND OTHER BUILDING MATERIALS WHERE DAMAGE BY FRICTION OR ELECTROLYSIS MAY OCCUR, EXCEPT WHERE ELECTRICAL GROUND IS PROVIDED.
13. FURNISH AND INSTALL ALL ELECTRICAL DEVICES AND ITEMS REQUIRES FOR A COMPLETE, OPERATING SYSTEM, PROVIDING THE FUNCTIONS AS DETAILED IN THE PLANS (AND SPECS).
14. OUTLET BOXES SHALL BE PRESSED STEEL OR PLASTIC OR ALL DRY LOCATIONS, FOR WET LOCATIONS, CAST ALLOY WITH THREADED HUB OUTLET BOXES SHALL BE INSTALLED.
15. HOT CHECK ALL SYSTEMS WITH THE OWNER'S REPRESENTATIVE PRESENT TO VERIFY PROPER FUNCTION PRIOR TO C.O.
16. COORDINATE ALL WORK THROUGH GC TO AVOID CONFLICTS. COORDINATE WITH HVAC CONTRACTOR AND ELECTRONICS SYSTEMS CONTRACTORS SO THAT A COMPLETE, FUNCTIONING SYSTEM IS INSTALLED, IN EACH CASE, WITH NO EXTRA COST TO THE OWNER.
17. EMERGENCY LIGHTING AND EXIT SIGNS, IF INDICATED ON THE PLANS, SHALL BE WIRED PER NEC 700-12F.
18. ALL PANEL SCHEDULES SHALL BE FULLY FILLED OUT AND SHALL BE TYPEWRITTEN. EA. CIRCUIT SHALL BE CLEARLY IDENTIFIED A TO WHAT IS INCLUDED ON SAID CIRCUIT.
19. IT IS NOT THE INTENT OF THESE DRAWINGS TO SHOW EVERY MINOR DETAIL OF THE CONSTRUCTION.
20. THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF THE POWER COMPANY & TELEPHONE COMPANY.
21. FURNISH AND INSTALL DISCONNECT SWITCHES AND WIRING FOR HVAC SYSTEMS AS PER MANUFACTURER'S RECOMMENDATIONS. CONTROLS ARE TO BE SUPPLIED BY THE HVAC CONTRACTOR, AND CONNECTED BY THE ELECTRICAL CONTRACTOR.
22. ALL RACEWAYS BELOW GROUND SHALL BE A MINIMUM OD 3/4".
23. ALL CIRCUIT BREAKERS, TWO AND THREE POLE, SHALL BE COMMON TRIP. NO THE HANDLES OR TANDERS SHALL BE ACCEPTABLE.
24. ALL FUSES, UNLESS NOTED OTHERWISE ON THE DRAWINGS, SHALL BE CURRENT LIMITED TYPE (C.L.) RATED 200,000 AIC.
25. ELECTRICAL CONTRACTOR SHALL VERIFY ALL COMPONENTS FOR ALL ELECTRICAL APPLICATIONS & DETERMINE THE CORRECTNESS OF SAME. ANY DISCREPANCY SHALL BE REPORTED TO THE OWNER PRIOR TO FABRICATING ANY MATERIALS, ORDERING COMPONENTS OR DOING ANY WORK.

26. CIRCUITS ON PANEL SCHEDULE (AND PLANS) ARE TO DETERMINE LOAD DATA AND SIZE. THE CONTRACTOR SHALL PROVIDE CIRCUITS AND ROUTING OF CONDUITS AND WIRING TO SUIT JOB CONDITIONS, AND BALANCE THE JOB, THROUGHOUT.
27. CHECK EQUIPMENT FOR PROPER VOLTAGE, PHASE AND AMPERAGE RATING PRIOR TO CONNECTION TO CIRCUITS.
28. PANEL BOARDS SHALL BE CIRCUIT BREAKER TYPE. VERIFY NUMBER AND SIZES OF CIRCUITS.
29. WHEN CONDUIT RUNS EXCEED 200 FEET, PULL BOXES SHALL BE INSTALLED SO THAT NO PULL EXCEEDS THIS DISTANCE.
30. ELECTRICAL EQUIPMENT AIC RATING AND FEEDER SIZE SHOWN ON THE PLANS ARE DESIGNED FOR MAX. AVAILABLE FAULT CURRENT AND MAX. ALLOWABLE VOLTAGE DROP, RESPECTIVELY.

GENERAL H.V.A.C. NOTES:

1. SUB-CONTRACTORS PROVIDING HVAC INSTALLATION SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 6, GENERAL NOTES/DIAGRAMS.
2. HVAC SUB-CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, TOOLS, AND EQUIPMENT TO INSTALL A COMPLETE & OPERATING HVAC SYSTEM.
3. HVAC SYSTEM SHALL BE AS DETAILED IN THE PLANS (IF INCLUDED) OR SHALL BE AS DIRECTED BY THE OWNER IN CONSULTATION WITH THE HVAC SUB-CONTRACTOR.
4. HVAC SUB-CONTRACTOR SHALL FURNISH SHOP DMSGS FOR DUCTWORK, CONDENSING UNIT & AIR HANDLER, EXHAUST FANS AND AIR DEVICES.
5. IT IS THE HVAC SUB-CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH NFPA-90A AND ALL APPLICABLE CODES.
6. FLEXIBLE DUCT SHALL BE FULLY ANNEALED, CORRUGATED ALUMINUM W/ 1 3/4 LB. DENSITY FIBERGLASS INSULATION AND SHALL BE U.L. LISTED. SHEET METAL DUCT SHALL BE LINED W/ 1" MATFACED DUCT LINER & WRAPPED W/ 1 3/4 LB. FOLDFACED FIBERGLASS INSULATION. ALL FIBERGLASS DUCT SHALL BE FOLDFACED, RA2/R6.0 DUCTBOARD.
7. ALL EXHAUST AND OUTSIDE AIR DUCT SHALL BE GALVANIZED SHEET METAL CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ASHRA AND STACNA STANDARDS.
8. ALL AIR DEVICES SHALL BE OF ALUMINUM CONSTRUCTION FOR WALL AND CEILING APPLICATIONS AND STEEL CONSTRUCTION IN FLOOR APPLICATIONS. ACCEPTABLE MANUFACTURERS SHALL BE TITUS, METALAIR, MAILORHART, HART & COOLE OR AS DIRECTED BY THE OWNER.
9. IF REQUIRED BY THE OWNER, THE HVAC SUB-CONTRACTOR SHALL SUPPLY A TEST AND BALANCE REPORT IN ACCORDANCE WITH AIR BALANCE COUNCIL STANDARDS, SIGN AND SEALED BY A REGISTERED ENGINEER.
10. HVAC SUB-CONTRACTOR SHALL SUPPLY ALL CONTRACTORS, RELAYS, AND THERMOSTATS. THE ELECTRICAL SUB-CONTRACTOR SHALL PROVIDE ALL SWITCHES, DISCONNECTS & CONTROL WIRING. THERMOSTATS SHALL BE APPROVED BY THE EQUIPMENT MFG'R.
11. ALL DUCT SIZES INDICATED IN THE PLANS (IF INCLUDED) ARE NET INSIDE DIMENSIONS.
12. ALL EQUIPMENT SHALL BE FULLY WARRANTED FOR 1 YEAR AND THE COMPRESSOR(S) SHALL BE WARRANTED 5 YEARS FROM DATE OF FINAL ACCEPTANCE, BY THE OWNER.
13. ALL WORK IN THIS TRADE SHALL BE COORDINATED WITH ALL OTHER TRADES SO AS TO AVOID CONFLICTS OR HINDERANCE TO COMPLETION OF THE JOB.
14. CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH 1/2" THICK ACRYLAFLEX INSULATION.
15. FILTERS SHALL BE DISPOSABLE TYPE AND HAVE INITIAL SHARE WEIGHT RESISTANCE OF 10% AND A CLEAN PRESSURE DROP OF 0.15. PROVIDE 2 SETS, ONE DURING CONSTRUCTION AND ONE FOR USE AT FINAL ACCEPTANCE.
16. HVAC SUB-CONTRACTOR SHALL PROVIDE & INSTALL ALL NECESSARY OFFSETS, TRANSITIONS & BENDS REQUIRED TO PROVIDE A COMPLETE SYSTEM AT NO ADDITIONAL COST TO THE OWNER.
17. IT IS THE RESPONSIBILITY OF THE HVAC SUB-CONTRACTOR TO COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH THE ELECTRICIAN, LIGHTS AND ARCHITECTURAL ELEMENTS.
18. COORDINATE W/ THE ELECTRICIAN PARTICULARLY ELECTRICAL NOTE N-21 & 25, TO ASSURE SUITABLE SIZES OF BREAKERS, SWITCHES AND WIRING.

GENERAL MILLWORK NOTES:

1. MILLWORK SUB-CONTRACTOR PROVIDING CASEWORK, MILLWORK OR THE LIKE FOR THIS PROJECT SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 6 OF THE GENERAL NOTES, THIS SHEET.
2. SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING: FABRICATION AND DELIVERY OF MILLWORK, SHOWN IN THE DRAWINGS, DRAWER & TRAY GUIDES, ADJUSTABLE SHELF STANDARDS & SURFACE BOLTS.
3. ALL APPLICABLE STANDARDS OF "A" QUALITY STANDARDS & GUIDE SPECIFICATIONS APPLY TO THIS PROJECT, UNLESS NOTED OTHERWISE.
4. ALL CUSTOMER GRADE EXCEPT AS OTHERWISE NOTED OR DIRECTED BY THE OWNER, SHALL BE THE BASE STANDARD OF QUALITY REQ'D FOR THIS WORK.
5. MILLWORK SUB-CONTRACTOR SHALL SUBMIT FOR APPROVAL BY THE OWNER, THE FOLLOWING ITEMS, PRIOR TO FABRICATING ANY MATERIALS OR MILLWORK. COMPLETE SET OF SHOP DRAWINGS, SAMPLES OF WD. SPECIES RECEIVING TRANSPARENT FINISH, THEIR LITERATURE FOR ALL SPECIALTY ITEMS NOT MFD. BY THE ARCHITECTURAL WOODWORK FIRM AND HARDWARE SCHEDULE, SHOWING HARDWARE USED AT EA. LOCATION & CONFORMANCE W/ THE DESIGN INTENT OF THE DRAWINGS OR DIRECTIVES ISSUED BY THE OWNER.
6. PRODUCTS SHALL INCLUDE THE FOLLOWING:
SOFTWOOD - SOLID STOCK PINE, C OR BETTER
HARDWOOD - SPECIES AS SELECTED BY OWNER
PLYWOOD, OPALQUE FINISH - FIR, GRADE A/B
PLYWOOD, TRANSPARENT FINISH - SPECIES AS SELECTED BY OWNER
PARTICLE BOARD - HIGH DENSITY, W/ RESIN BINDER
LAM. PLASTIC - HFG, COLORS, PATTERNS & TEXTURES AS SELECTED BY OWNER
LAMINATING ADHESIVES - POLYVINYL ACETATE, UREA-FORMALDEHYDE, CASEIN
7. ASSEMBLE WORK AT MILL & DELIVER TO JOB SITE READY TO INSTALL INSOFAR AS POSSIBLE.
8. PROTECT MILLWORK FROM MOISTURE & DAMAGE WHILE IN TRANSIT TO THE JOB SITE. UNLOAD AND STORE IN A PLACE WHERE IT WILL BE PROTECTED FROM MOISTURE AND DAMAGE AND BE CONVENIENT FOR INSTALLATION.
9. FABRICATE WORK IN ACCORDANCE WITH MEASUREMENTS TAKEN AT THE JOB SITE.
10. INSTALL HARDWARE IN ACCORDANCE WITH MANUFUR'S DIRECTIONS. LEAVE OPERATING HARDWARE OPERATING SMOOTHLY & QUIETLY.
11. DAMAGED SURFACES SHALL BE REPAIRED TO MATCH UNDAAGED ADJACENT PORTION OF THE WORK.

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ALTERATIONS & ADDITIONS for:
MR. & MRS. JOSEPH AMBROS
COLUMBIA COUNTY, FLORIDA
ROOF DETAILS

DATE: 01AUG2K7
COMM: 2K744

DRAWN: npg

REVISION:

SHEET: 2 of 2

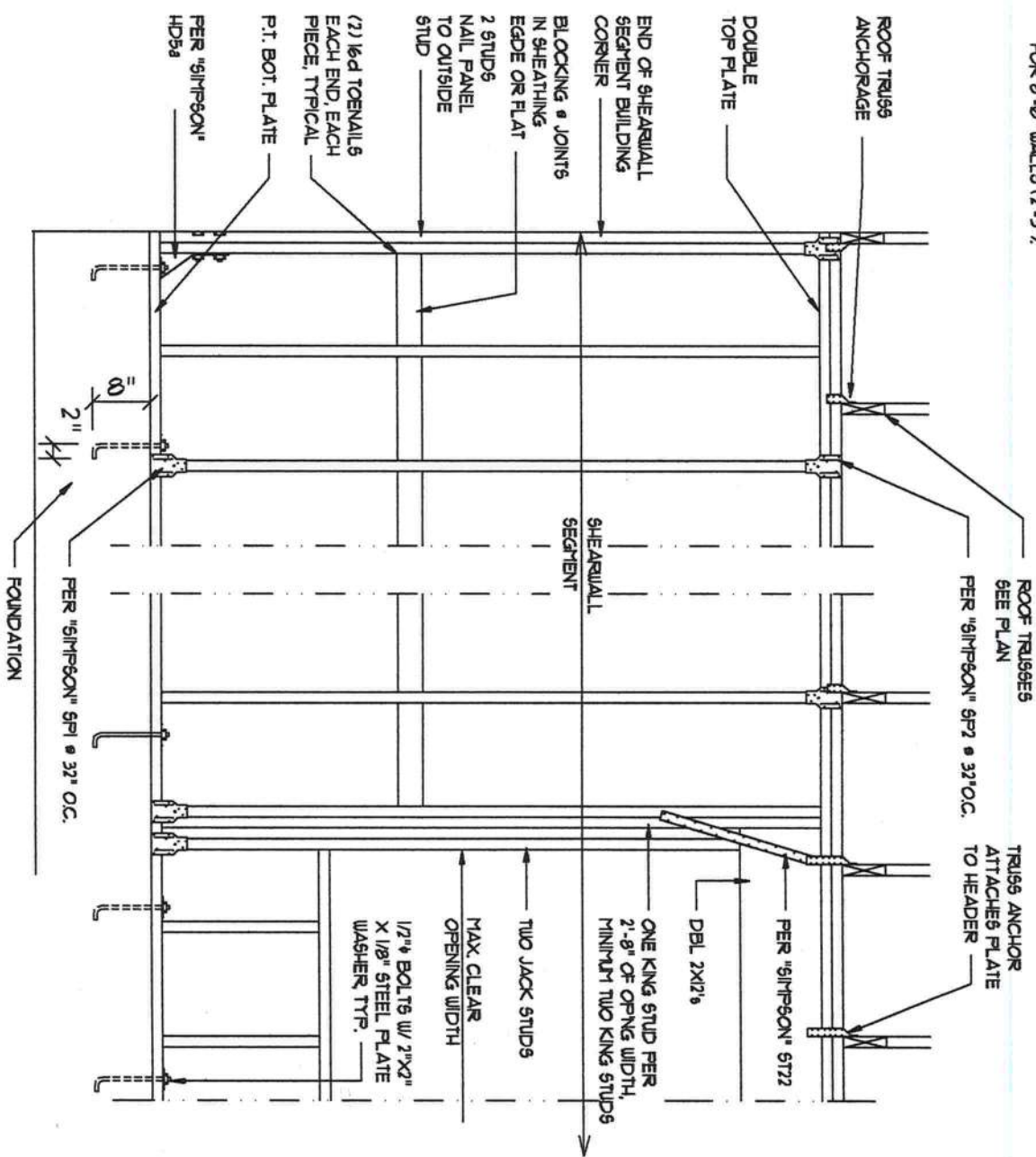


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SHEARWALL NOTES:

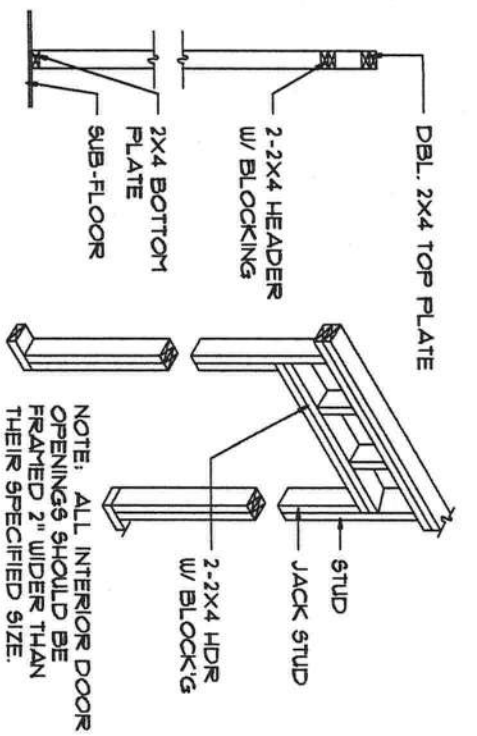
1. ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS AS DEFINED BY STD 10-91 ICCBCI 305.4.3.
2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 1/6" OSB, INCLUDING AREAS ABOVE AND BELOW OPENINGS.
3. ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT PANELS OCCURRING OVER COMMON 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/35 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

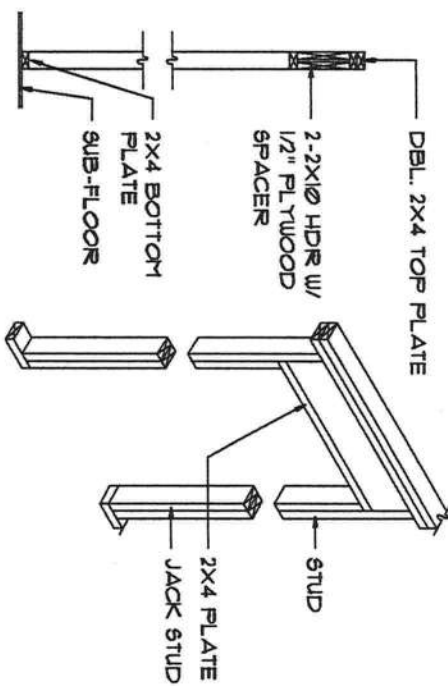


Shearwall Detail

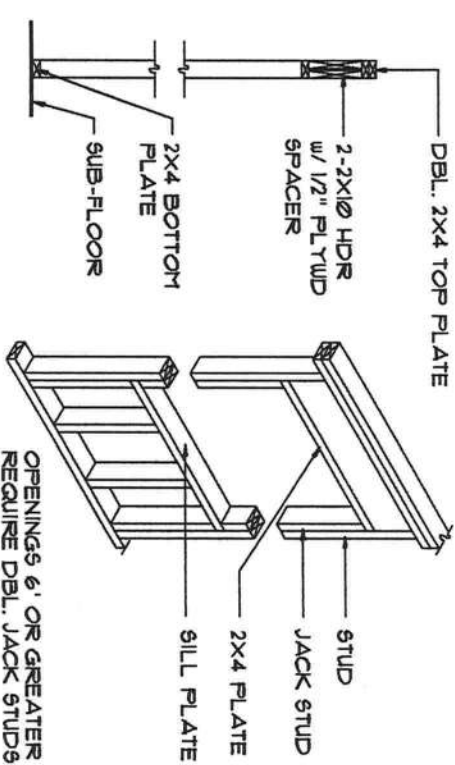
SCALE: 1/2" = 1'-0"



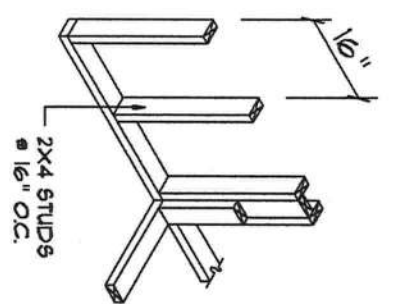
NON-BEARING WALL HEADER



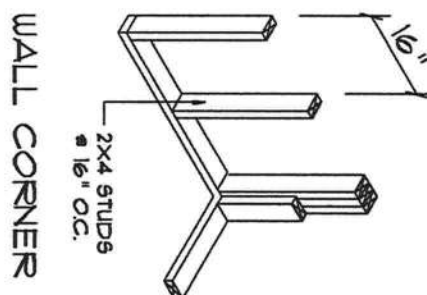
BEARING WALL HEADER



TYPICAL WINDOW HEADER



WALL INTERSECTION



WALL CORNER

Wall Framing / Header Details

SCALE: NONE



SHEET:	REVISION:	DRAWN:	DATE:
A.8		np8	01AUG2KT
8 of 12			COMB: 2KT44

ALTERATIONS & ADDITIONS for:
MR. & MRS. JOSEPH AMBROS
 COLUMBIA COUNTY, FLORIDA
FRAMING DETAILS

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HEADERS SUPPORTING:	HEADER SPANS FOR EXTERIOR BEARING WALLS		
	BUILDING WIDTH (FT)		
	20'	28'	36'
2-2x4	SPAN * JACKS 3'-6"	SPAN * JACKS 3'-2"	SPAN * JACKS 2'-10"
2-2x6	SPAN * JACKS 5'-5"	SPAN * JACKS 4'-8"	SPAN * JACKS 4'-2"
2-2x8	SPAN * JACKS 6'-10"	SPAN * JACKS 5'-11"	SPAN * JACKS 5'-4"
2-2x10	SPAN * JACKS 8'-5"	SPAN * JACKS 7'-3"	SPAN * JACKS 6'-6"
2-2x12	SPAN * JACKS 9'-9"	SPAN * JACKS 8'-5"	SPAN * JACKS 7'-6"
3-2x8	SPAN * JACKS 8'-4"	SPAN * JACKS 7'-5"	SPAN * JACKS 6'-8"
3-2x10	SPAN * JACKS 10'-6"	SPAN * JACKS 9'-1"	SPAN * JACKS 8'-2"
3-2x12	SPAN * JACKS 12'-2"	SPAN * JACKS 10'-1"	SPAN * JACKS 9'-5"
4-2x8	SPAN * JACKS 9'-2"	SPAN * JACKS 8'-4"	SPAN * JACKS 7'-2"
4-2x10	SPAN * JACKS 11'-8"	SPAN * JACKS 10'-6"	SPAN * JACKS 9'-5"
4-2x12	SPAN * JACKS 14'-1"	SPAN * JACKS 12'-2"	SPAN * JACKS 10'-11"

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUF./MODEL	CAP.
TRUSS TO WALL:	SENCO HDPT7, W/ 6 - 10d NAILS	96#
GIRDER TRUSS TO POST/HEADER:	SIMPSON LGT, W/ 28 - 16d NAILS	1785#
HEADER TO KING STUD(S):	SIMPSON 5172	137#
PLATE TO STUD:	SIMPSON 6P2	1065#
STUD TO SILL:	SIMPSON 6P1	585#
PORCH BEAM TO POST:	SIMPSON PC44/EPC44	1700#
PORCH POST TO RND:	SIMPSON ABU44	2200#
MISC. JOINTS	SIMPSON A34	315#240#

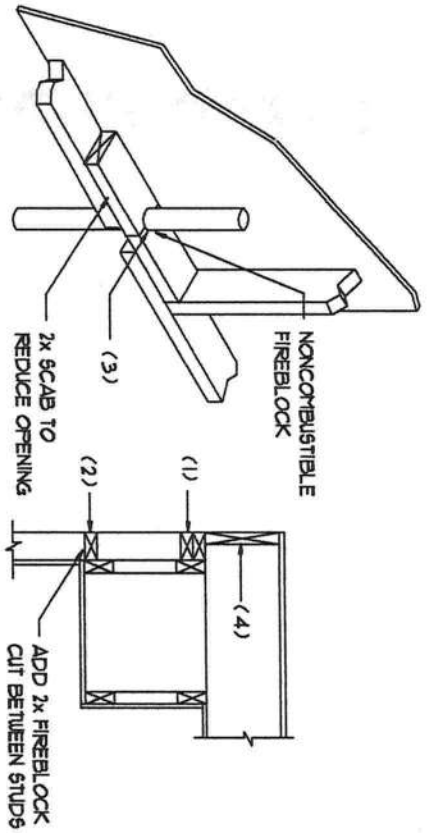
NOTE: ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

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 TO.

NOTE: "SENCO" PRODUCT APPROVAL: MIAMI/DADE COUNTY REPORT #95-081815

NOTE: "SIMPSON" PRODUCT APPROVAL: MIAMI/DADE COUNTY REPORT #1-0107105, #6-112611, #93-062304 #BCCI NER-443, NER-393



FIREBLOCKING NOTES:



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

1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING PURSED SPACES AT CEILING AND FLOOR LEVELS.
2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILING, COVE CEILING, ETC.
3. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYRO PANEL MULTIFLEX SEALANT"
4. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND 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



 AR0007005	SHEET:	A.9	9 of 12	ALTERATIONS & ADDITIONS for: MR. & MRS. JOSEPH AMBROS COLUMBIA COUNTY, FLORIDA FRAMING DETAILS	Copyright 2007 N.P. Geisler, Architect	 NICHOLAS PAUL GEISLER ARCHITECT N.C.A.R.B. Certified	1758 NW Brown Rd. Lake City, FL 32055 386/755-0021
	REVISION:						
DRAWN:	mpg	DATE:	01AUG2K1	COMB:	2K144		

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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 PLAN, 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 N-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.

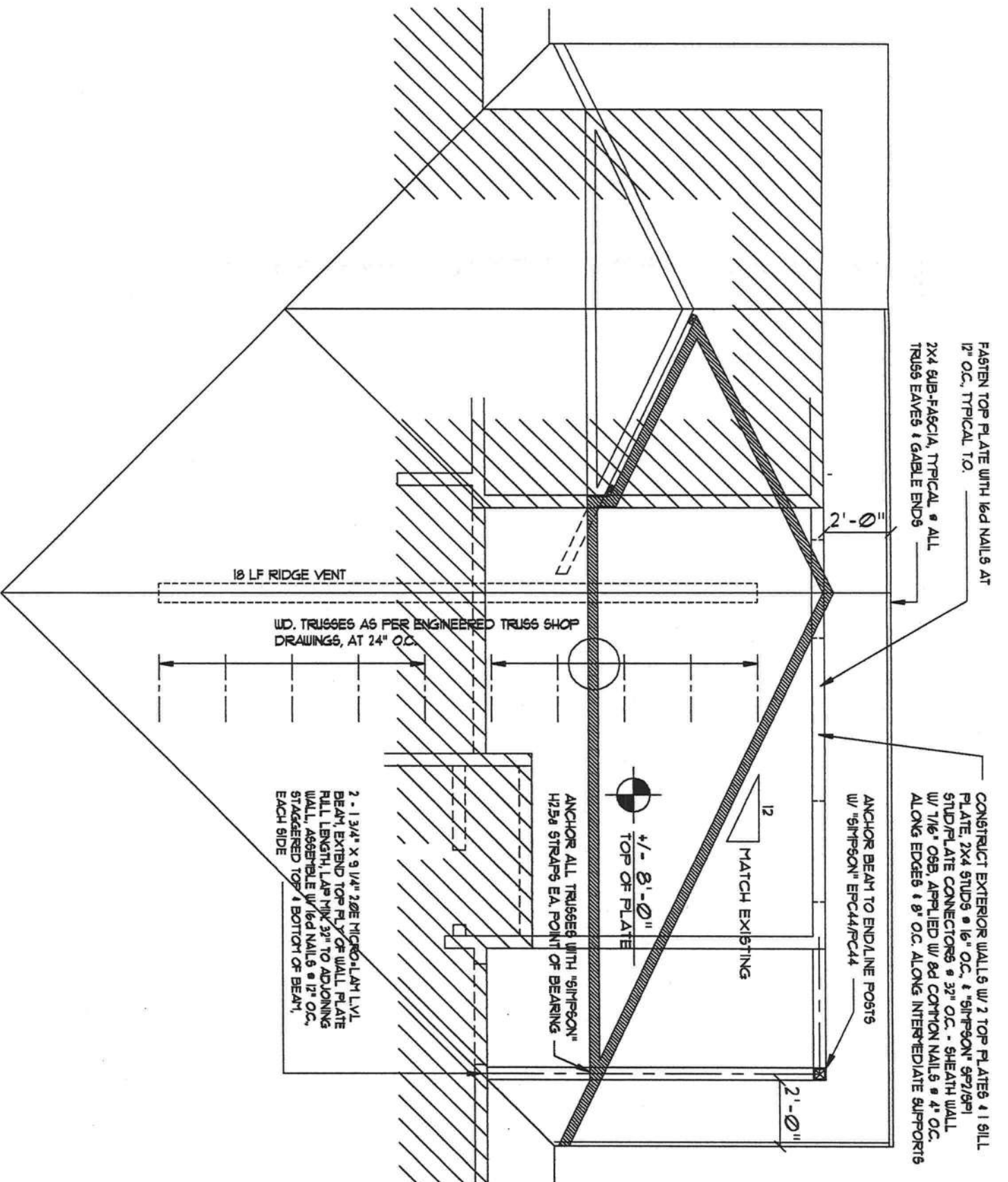
ROOF PLAN NOTES

- R-1 ALL ROOF PITCH MATCH EXISTING
- R-2 ALL OVERHANG 24"
- R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON A12
- R-4 SEE ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS
- R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

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

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 ITS 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.



Roof Framing PLAN

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

NOTE!
ANCHOR GIRDER TRUSSES TO HEADER WITH 2 "SIMPSON" LGT2, 3 OR 4) ANCHOR HEADER TO KING STUDS W/ 2 "SIMPSON" 5122 EA. END - TYP. TO.

NOTE!
REFER TO THE WINDOW/DOOR HEADER SCHEDULE ON SHEET 9D.4 FOR ALL MINIMUM SIZE HEADERS AND ALTERNATES MINIMUM SIZE ALLOWABLE IS 2-2X10.

NOTE!
ALL EXTERIOR WALLS ARE 2X4 STUDS W/ 1/2" THICK CDX PL'WD. SHEATHING (4")

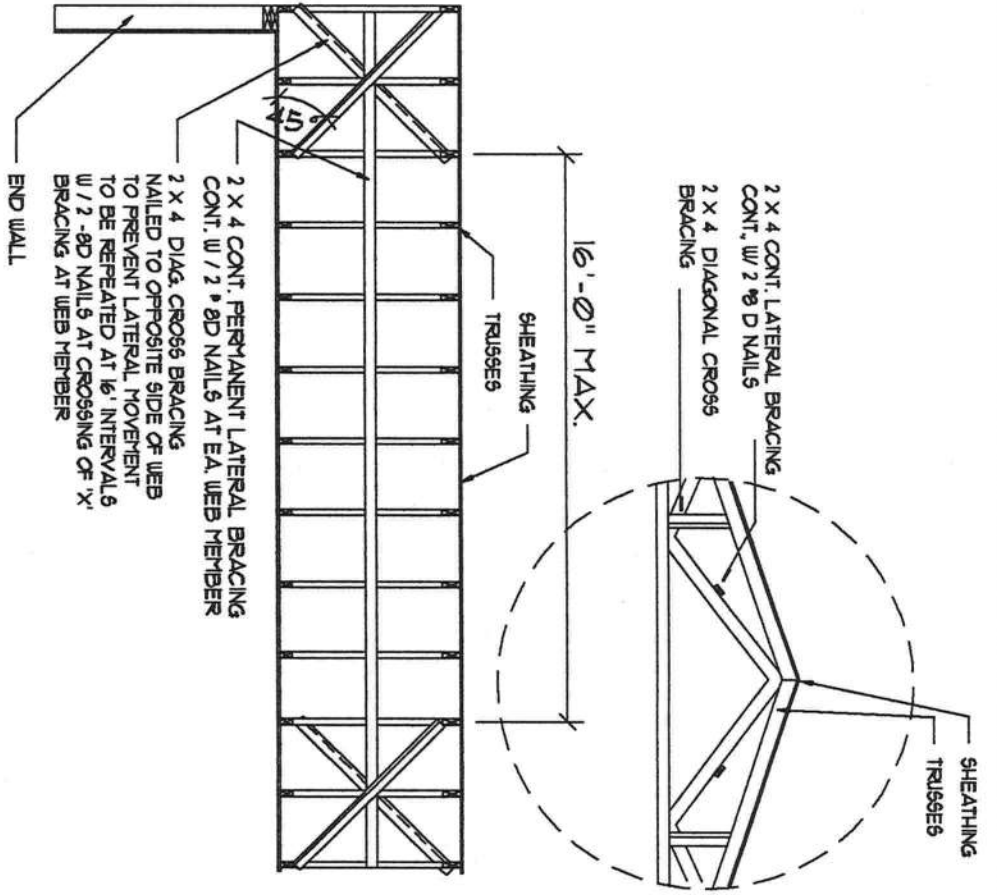
DATE: AUG 2017	CONTRACT: 2K144	DRAWN: [Signature]	REVISION: [Blank]	SHEET: A.10 OF 12
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ALTERATIONS & ADDITIONS for:
M. & MRS. JOSEPH AMBROS
COLUMBIA COUNTY, FLORIDA
ROOF PLAN

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TYP. PERMANENT TRUSS BRACING DIA.

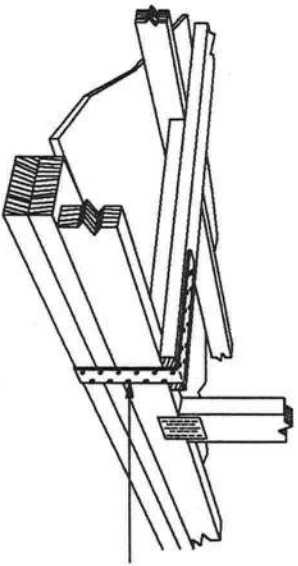
NTS

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

Truss Bracing DETAILS

SCALE: NONE

H

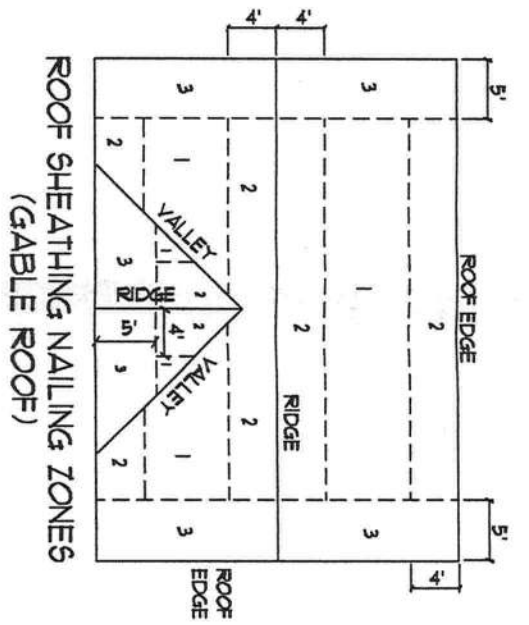


SIMPSON STRONG TIE L61A30 W/ 1-1/2" D NAILS IN 2" X 4" BLOCKING AND TRUSS/PLATE

GABLE END GWB DIAPHRAGM HOLDOWN CONNECTOR

SCALE: NONE

J



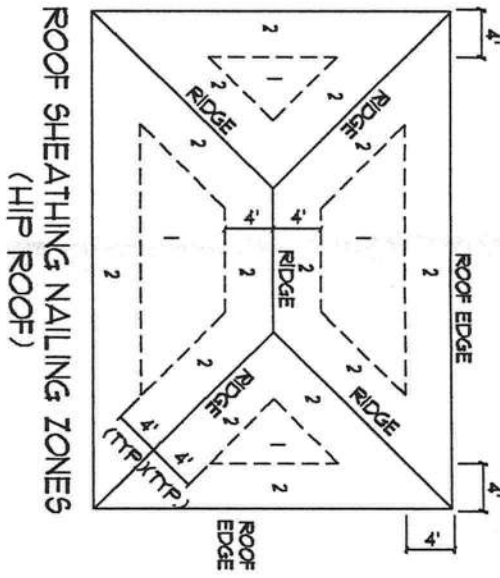
ROOF SHEATHING NAILING ZONES (GABLE ROOF)

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/4" OSB OR B/32 CDX	8d COTTON OR 8d HOT DIPPED GALVANIZED BOX NAILS	6 in. o.c. EDGE
2			12 in. o.c. FIELD
3			6 in. o.c. EDGE 6 in. o.c. FIELD 4 in. o.c. GABLE ENDWALL OR GABLE TRUSS 6 in. o.c. EDGE 6 in. o.c. FIELD

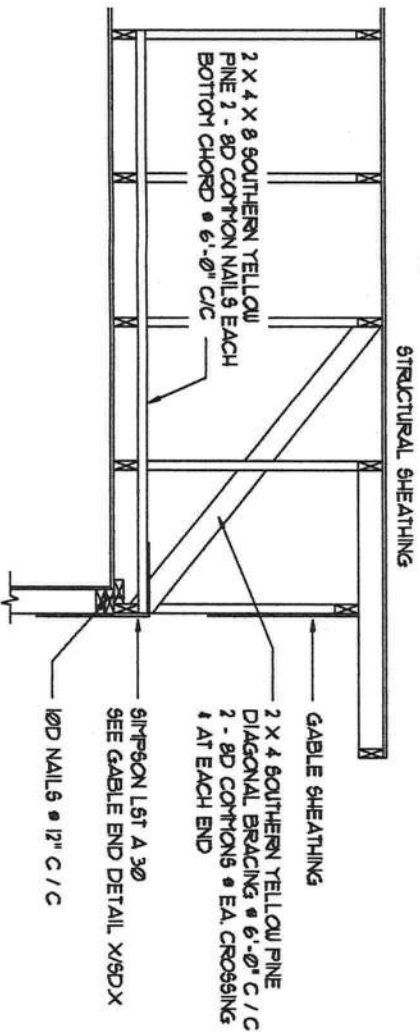
Roof Nail Pattern DET.

SCALE: NONE

K



ROOF SHEATHING NAILING ZONES (HIP ROOF)



END WALL BRACING FOR CEILING DIAPHRAGM

NTS (ALTERNATIVE TO BALLOON FRAMING)

NOTE: ALL WOOD TO BE N. 2 GRADE 5TP

J.1

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ALTERATIONS & ADDITIONS for:
MR. & MRS. JOSEPH AMBROS
 COLUMBIA COUNTY, FLORIDA
FRAMING DETAILS

SHEET:	REVISION:	DRAWN:	DATE:
A.11		ppg	01AUG2K7
11 of 12			COMB: 2K744

Joseph Ambros
 AR0007005

General Roofing NOTES:

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

SLOPE:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, DEL. 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 CONPLY W/ ASTM D 1910.

ASPHALT SHINGLES:
ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPES OR BE INTERLOCKING, AND CONPLY 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 101-95.

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 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 SLOPES 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/ MFG'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 11 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

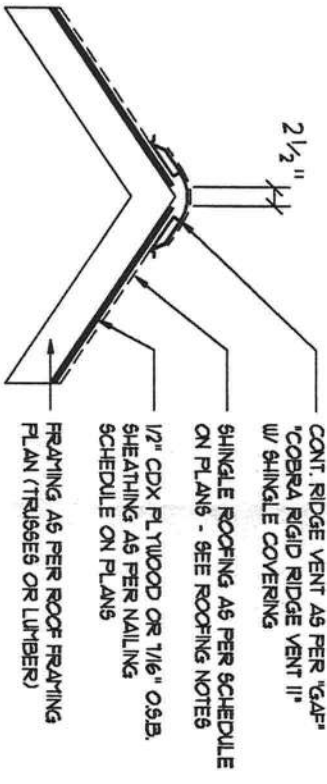
VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED.
1. FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE 15013.92.
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 CONPLYING WITH ASTM D 224.
3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND CONPLYING WITH ASTM D 1910.

NOTE 111
ROOF SHINGLES SHALL BE AS MANUFACTURED BY "TAMKO ROOFING PRODUCTS" OF THE FOLLOWING MODELS:

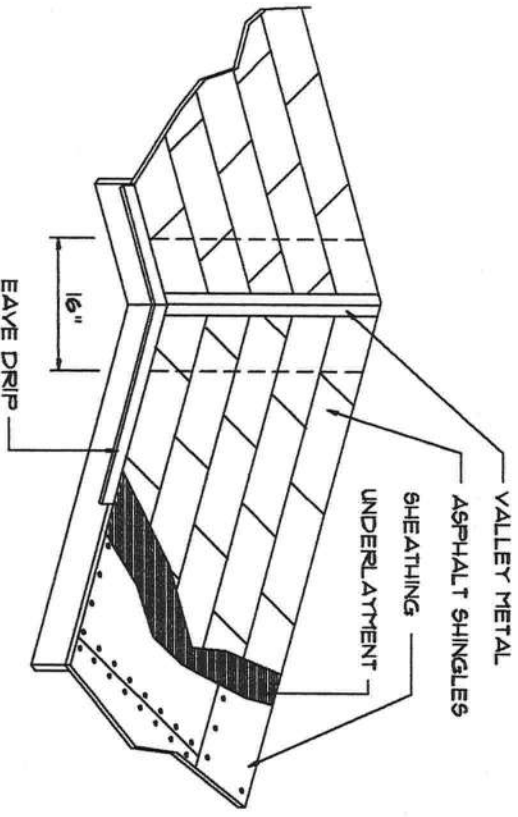
- GLASS-SEAL AR
- ELITE GLASS-SEAL AR
- HERITAGE 30 AR
- HERITAGE 40 AR
- HERITAGE 50 AR

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

AREA OF ATTIC	REQ'D LF. OF VENT	NET FREE AREA OF INTAKE
1600 SF	20 LF	410 SQIN.
1900 SF	24 LF	490 SQIN.
2200 SF	28 LF	570 SQIN.
2500 SF	32 LF	650 SQIN.
2800 SF	36 LF	730 SQIN.
3100 SF	40 LF	810 SQIN.
3600 SF	44 LF	900 SQIN.



Ridge Vent Detail L
SCALE: NONE



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	0.0119	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40 20

Roofing/Flashing Dets. M
SCALE: NONE

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AR0007005

SHEET: A.12
12 of 12

REVISION:

DRAWN: JBL

DATE: AUG 21 2008
2K744

ALTERATIONS & ADDITIONS for:
MR. & MRS. JOSEPH AMBROS
COLUMBIA COUNTY, FLORIDA
ROOF DETAILS

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GENERAL NOTES:

1. THE CONTRACTOR SHALL INDENTIFY 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 SUB-CONTRACTORS 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 THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT 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 HOOD 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-II BATT INSULATION.
 12. CEILINGS OVER ATTACHED GARAGES OR GARAGES W/ LIVING AREA ABOVE SHALL BE 5/8" FIRECODE "C" GIB ON 1X3 WOOD FURING AT 16" O.C., ATTACHED W/ 1/4" BUGLEHEAD SCREWS @ 6" O.C. ALONG EACH POINT OF BEARING.
- AS - BUILT DRAWING REQUIREMENTS:**
- A. ELECTRICAL 'AS-BUILT' DRAWINGS
ELECTRICAL CONTR SHALL PREPARE 'AS-BUILT' SHOP DMS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT N^o, DESCRIPTION & BRKR. SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH RISER DIA. SHALL INCLUDE WIRE SIZES/TYP & EQUIPMENT TYPE W/ RATINGS & LOADS.
CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DMS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.
 - B. H.V.A.C. 'AS-BUILT' DRAWINGS
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 DMS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.
 - C. 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 DMS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

GENERAL PLUMBING NOTES:

1. SUB-CONTRACTORS PROVIDING PLUMBING MATERIALS AND INSTALLATION SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 6.
2. ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, RULES AND ORDINANCES.
3. ALL MATERIALS SHALL BE NEW.
4. ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIONAL.
5. ALL EXCAVATION & BACKFILL AS REQUIRED FOR THIS PHASE OF THE CONSTRUCTION SHALL BE PART OF THE PLUMBING SUB-CONTRACTOR'S RESPONSIBILITIES.
6. PLUMBING FLAT PLANS AND RISER DIAGRAMS (IF INCLUDED) ARE DIAGNOSTIC. DO NOT SCALE THE DRAWINGS FOR EXACT LOCATIONS OF THE PLUMBING FIXTURES.
7. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF THE CONSTRUCTION.
8. WATER PIPING SHALL BE TYPE L COPPER UP TO 1" & TYPE K FOR ALL LARGER SIZES. ALL UNDERGROUND PIPING SHALL BE TYPE K COPPER. AT THE OWNER'S OPTION SUPPLY PIPING MAY BE C.P.V.C., SCHEDULE 40 OR SCHEDULE 80.
9. DO NOT USE LEAD BASED SOLDER FOR JOINING SUPPLY PIPING.
10. SOIL, WASTE, VENT & RAINWATER PIPING SHALL BE CAST IRON NO-HUB 30"-12" ABOVE GRADE WITH NEOPRENE GASKETS AND STAINLESS STEEL BANDS & BELL & SPIGOT CAST IRON BELOW GRADE W/ LEAD & OAKUM JOINTS OR AT THE OWNER'S OPTION, P.V.C., SCHEDULE 40, SEE NOTE 12.
11. AIR CONDITIONING CONDENSATE DRAIN PIPING SHALL BE THREADED STEEL PIPE, COPPER DRAIN, WASTE OR VENT PIPE AND FITTINGS, OR P.V.C. SEE NOTE 12. BELOW. INSULATE ALL CONDENSATE PIPING EXCEPT WHERE UNDERGROUND, AND ELECTRIC HEAT WRAP WHERE EXPOSED TO FREEZING CONDITIONS.
12. P.V.C. SCHEDULE 40 PIPE AND FITTINGS MAY BE USED FOR SOIL, WASTE, VENT, RAINWATER OR CONDENSATE PIPING AS APPROPRIATE, WHERE APPROVED BY LOCAL BUILDING CODES & OFFICIALS. P.V.C. MAY NOT BE USED TO PENETRATE CHASES OR FIRE RATED WALLS / CEILINGS.
13. ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND WHERE PROVIDED, MARKED ACCESS PANELS.
14. FURNISH AND INSTALL APPROVED AIR CHAMBERS AT EACH PLUMBING FIXTURE AND APPROVED SHOCK ARRESTERS ON MAIN LINE OR RISERS.
15. DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIPILAR METALS IN PIPING AND EQUIPMENT CONNECTIONS.
16. ISOLATE COPPER PIPING FROM HANGERS OR SUPPORTS W/ HAIR FELT INSULATOR PADS.
17. PROVIDE 1/2" TRAP PRIMER LINE FOR ALL FLOOR DRAINS FROM NEAREST PLUMBING FIXTURE. DO NOT MAINFOLD.
18. PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES.
19. PROVIDE COMBINATION COVERPLATE / CLEANOUT PLUG FOR ALL WALL CLEANOUTS, FINISH AS DIRECTED BY THE OWNER.
20. FIXTURES, HARDWARE, EQUIPMENT, COLORS AND FINISHES SHALL BE AS SELECTED BY THE OWNER.

GENERAL WELL & SEPTIC NOTES:

1. SUB-CONTRACTORS PROVIDING WATER WELLS AND/OR SEPTIC TANKS AND DRAINFIELDS SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 6, THIS SHEET
2. LOCATION OF PORTABLE WATER WELLS SHALL BE DETERMINED BY THE OWNER IN CONSULTATION WITH THE WELL DRILLING CONTRACTOR. WELLS SHALL NOT BE LOCATED CLOSER THAN 75'-0" TO ANY PROPOSED OR EXISTING SEPTIC TANK OR DRAINFIELD, EITHER ON SUBJECT PROPERTY OR ADJACENT/ADJOINING PROPERTY.
3. PORTABLE WATER WELLS SHALL BE A MINIMUM 4" WITH BLACK IRON CASING TO A DEPTH OF 80'-0". PUMPS SHALL BE OF THE SUBMERSIBLE TYPE. THREE WIRE SYSTEM, MINIMUM HORSEPOWER SHALL BE 1/2 HP OR AS DIRECTED BY THE OWNER. MOTOR STARTER SHALL BE ENCLOSED IN A WEATHERPROOF HOUSING, MOUNTED ON A P/T 4X4 POST AT THE WELL HEAD.
4. WELL HEAD SHALL PROJECT 12" ABOVE GRADE.
5. ALL REQUIRED COMPONENTS FOR A COMPLETE OPERATING SYSTEM SHALL BE PROVIDED, INCLUDING ANTI-FREEZE BLEEDER FITTING, CHECKVALVE, AIR BLEEDERS, SHUTOFF VALVE, HOSE BIBB, PRESSURE REGULATOR/CONTRACTOR, UNIONS AND PRESSURE GAUGE.

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 SAID TRUSS DESIGNER. ALL TRUSS DETAIL 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 N-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.

CONCRETE / MASONRY / METALS GENERAL NOTES:

1. DESIGN SOIL BEARING PRESSURE: 1500 PSF.
2. EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
3. CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS, BOTH SUB-SOIL AND FILL. COMPACTION SHALL BE NOT LESS THAN 95% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 2500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
4. REINFORCING STEEL SHALL BE GRADE 40 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
5. WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A95 - MIN. YIELD STRESS = 85 KSI.
6. CONCRETE SHALL BE STANDARD MIX F_c = 2500 PSI FOR ALL FTGS, SLABS, COLUMN AND BEAMS OR SHALL BE STANDARD FUMP MIX F_c = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
7. CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F_m = 1500 PSI.
8. MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE I OR A325, AS PER PLAN REQUIREMENTS.
10. WELDS SHALL BE AS PER 'AMERICAN WELDING SOCIETY' STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

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N.P. Galloway, Architect

NICHOLAS J. GALLOWAY ARCHITECT
N.C.A.R.B. Certified

1758 Brown Rd.
1606 NW 32055
Lake City, FL 32055
386/755-9021

ALTERATIONS & ADDITIONS for:
MR. & MRS. JOSEPH AMBROS
COLUMBIA COUNTY, FLORIDA

ROOF DETAILS

DATE
AUG 21 2014

DRAWN
JPG

REVISION

SHEET
2



**COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST
FOR THE FLORIDA RESIDENTIAL BUILDING CODE 2004 with 2005 & 2006
Supplements and One (1) and Two (2) Family Dwellings**

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current FLORIDA BUILDING CODES and the Current FLORIDA RESIDENTIAL CODE. ALL PLANS OR DRAWING SHALL PROVIDED CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE- AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FIGURE R301.2(4) of the Residential Code (Florida Wind speed map) SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE -----110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

GENERAL REQUIREMENTS:

- Two (2) complete sets of plans containing the following:
- All drawings must be clear, concise and drawn to scale, details that are not used shall be marked void
- Condition space (Sq. Ft.) and total (Sq. Ft.) under roof shall be shown on the plans.
- Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents per FBC 106.1.

Site Plan information including:

- Dimensions of lot or parcel of land
- Dimensions of all building set backs
- Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.
- Provide a full legal description of property.

Wind-load Engineering Summary, calculations and any details required:

- Plans or specifications must meet state compliance with FRC Chapter 3
- The following information must be shown as per section FRC
- Basic wind speed (3-second gust), miles per hour
- Wind importance factor and nature of occupancy
- Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
- The applicable internal pressure coefficient, Components and Cladding The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not speciffally designed by the registered design professional.

Elevations Drawing including:

- All side views of the structure
- Roof pitch
- Overhang dimensions and detail with attic ventilation
- Location, size and height above roof of chimneys
- Location and size of skylights with Florida Product Approval
- Number of stories
- e) Building height from the established grade to the roofs highest peak

PRODUCT APPROVAL SPECIFICATION SHEET

Location: _____

Project Name: _____

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are **applying for a building permit on or after April 1, 2004**. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.fdot.com/infocenter

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspection

Contractor or Contractor's Authorized Agent Signature

Print Name _____ Date _____

Location _____

Permit # (FOR STAFF USE ONLY) _____

Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: 536 SE Baya DR

City Lake City Phone 752-1903

Site Location: Subdivision Emerald Forest

Lot # _____ Block# _____ Permit # 000027045

Address 232 SW Edna Ct

<u>Product used</u>	<u>Active Ingredient</u>	<u>% Concentration</u>
<input type="checkbox"/> Premise	Imidacloprid	0.1%
<input checked="" type="checkbox"/> Termidor	Fipronil	0.12%
<input type="checkbox"/> Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment:

Soil Wood

<u>Area Treated</u>	<u>Square feet</u>	<u>Linear feet</u>	<u>Gallons Applied</u>
<u>Application</u>	<u>124</u>	<u>46</u>	<u>35</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

6/18/08 Date 2:50 Time Nat Print Technician's Name

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink