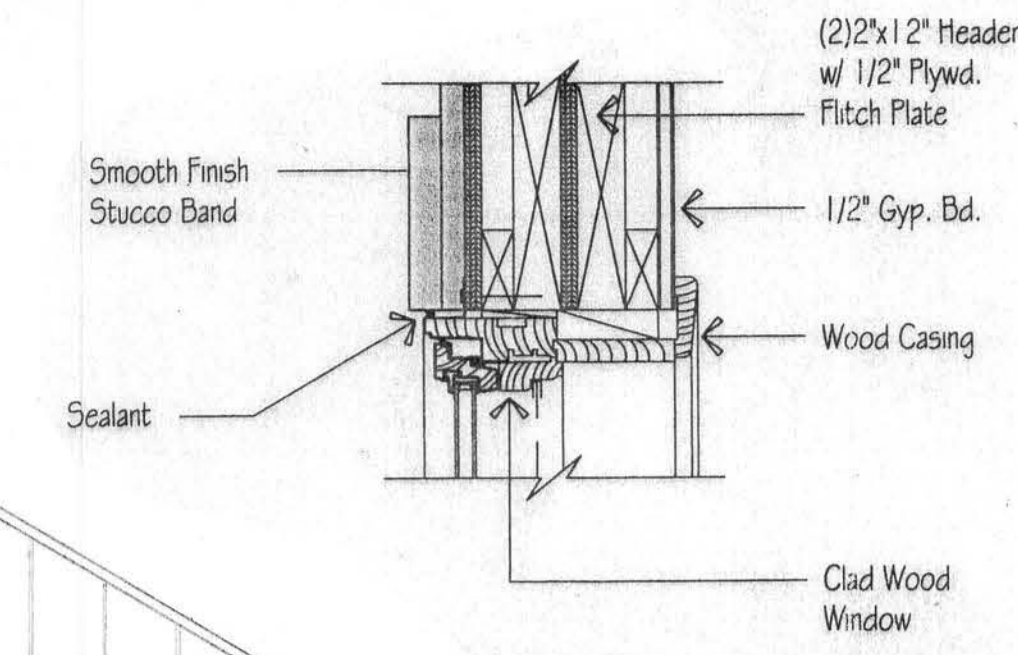
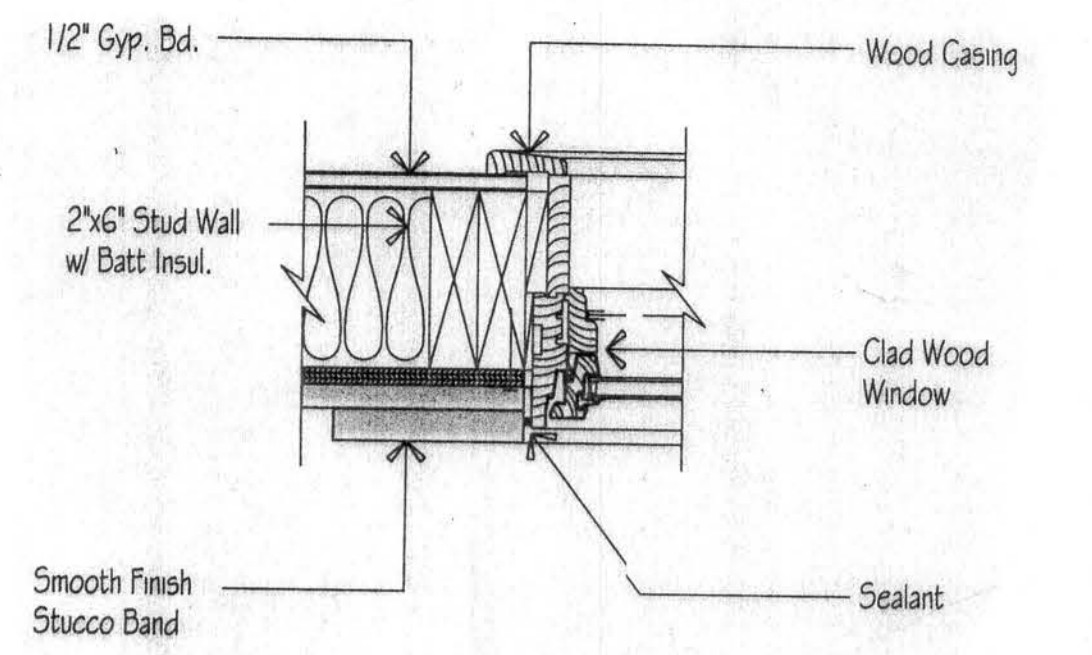




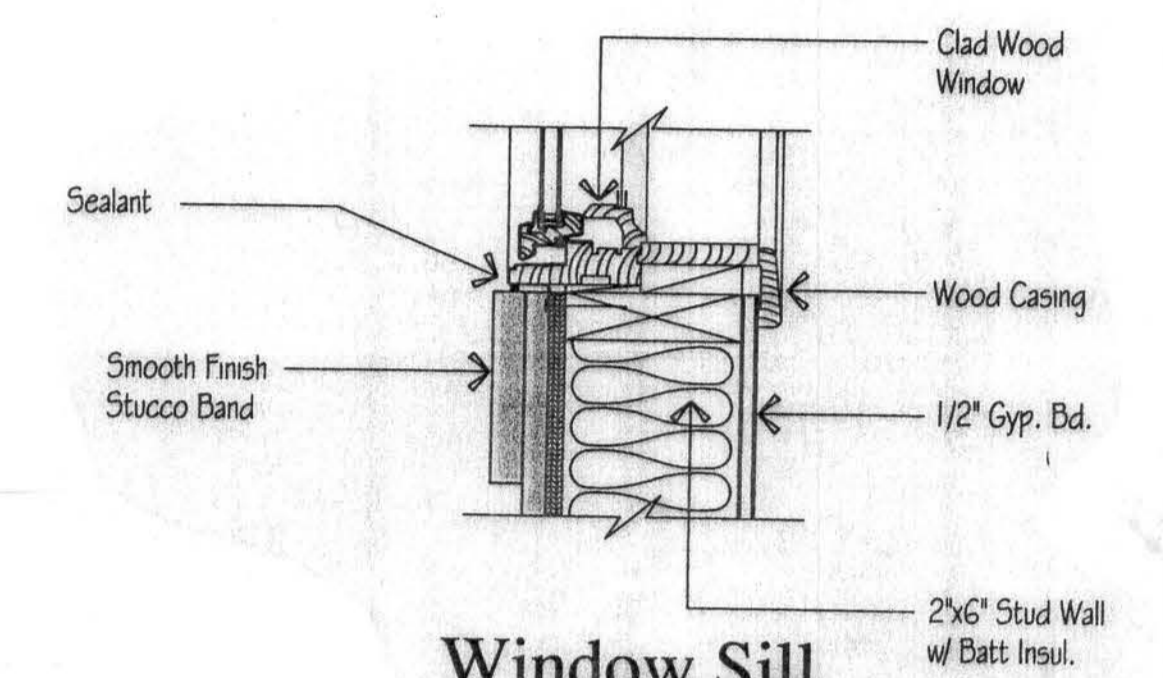
REAR ELEVATION



Window Head



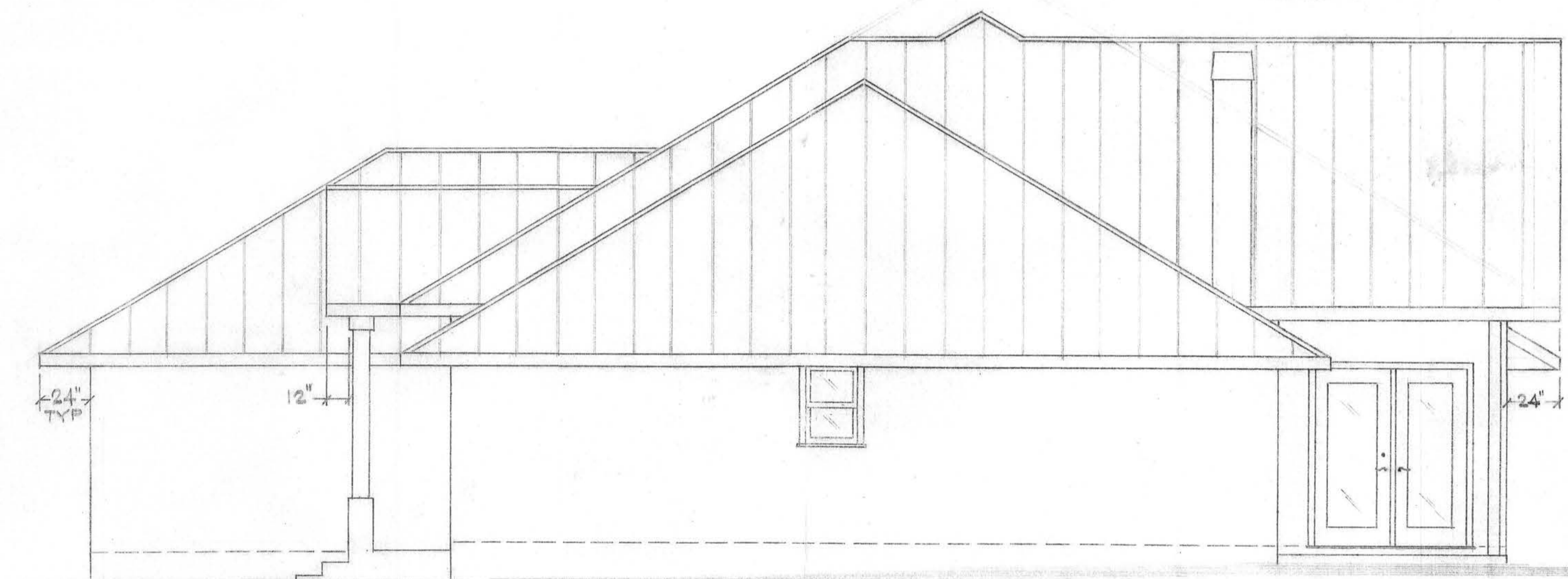
Window Jamb



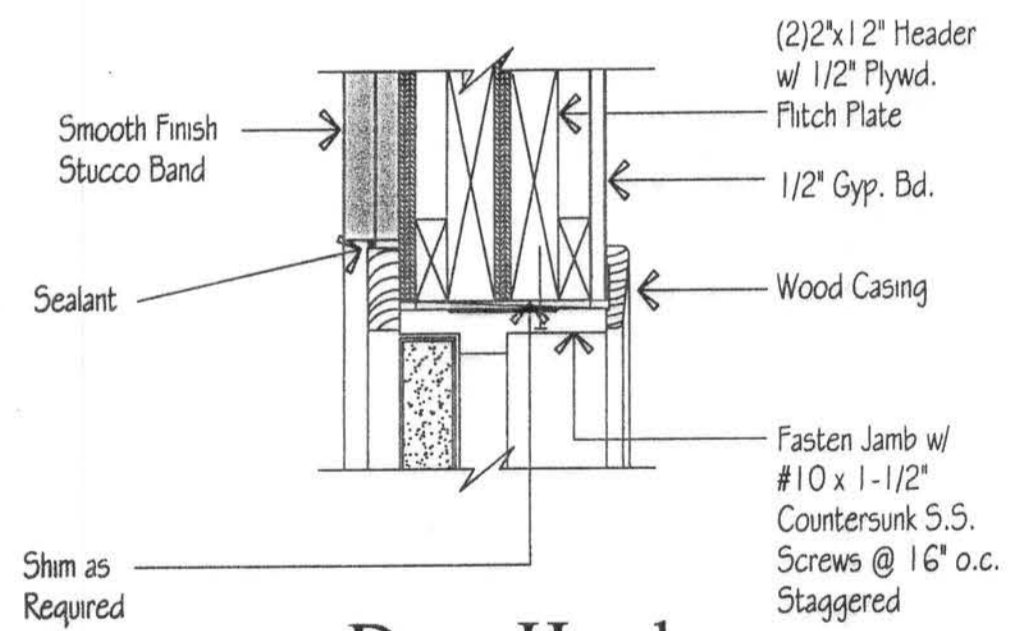
Window Sill



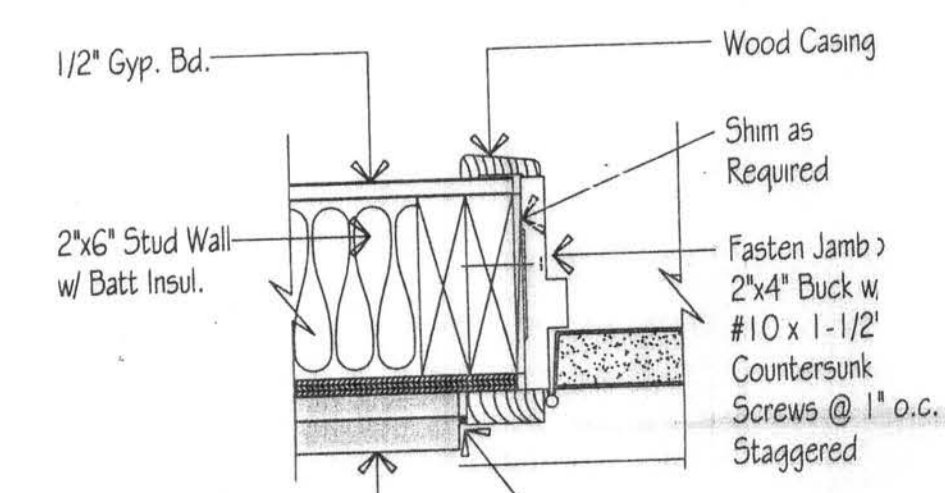
LEFT ELEVATION



RIGHT ELEVATION



Door Head



Door Jamb



FRONT ELEVATION

DESIGN PARAMETERS:	
BASIC WIND SPEED: <input type="checkbox"/> 130 MPH (3 SECOND GUST) = 110 MPH (FASTEST MILE) <input checked="" type="checkbox"/> 120 MPH (3 SECOND GUST) = 100 MPH (FASTEST MILE)	EXPOSURE CATEGORY: <input type="checkbox"/> C <input checked="" type="checkbox"/> B <input type="checkbox"/> D
IMPORTANCE FACTOR: <input type="checkbox"/> 0.77 (BUILDING CATEGORY I) <input checked="" type="checkbox"/> 1.00 (BUILDING CATEGORY II) <input type="checkbox"/> 1.15 (BUILDING CATEGORY III) <input type="checkbox"/> 1.15 (BUILDING CATEGORY IV)	WINDBORNE DEBRIS REGION: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES
BUILDING OCCUPANCY CLASSIFICATION: <input type="checkbox"/> GROUP A - ASSEMBLY <input type="checkbox"/> GROUP B - BUSINESS <input type="checkbox"/> GROUP D - DAY CARE <input type="checkbox"/> GROUP E - EDUCATIONAL <input type="checkbox"/> GROUP F - FACTORY <input type="checkbox"/> GROUP H - HAZARDOUS <input type="checkbox"/> GROUP I - INSTITUTIONAL <input type="checkbox"/> GROUP M - MERCANTILE <input checked="" type="checkbox"/> GROUP R - RESIDENTIAL <input type="checkbox"/> GROUP S - STORAGE	INTERNAL PRESSURE COEFFICIENTS: <input type="checkbox"/> 0.00 (OPEN) <input checked="" type="checkbox"/> +0.18, -0.18 (ENCLOSED) <input type="checkbox"/> +0.55, -0.55 (PARTIALLY ENCLOSED)
BUILDING CONSTRUCTION TYPE: <input type="checkbox"/> TYPE I <input type="checkbox"/> TYPE II <input type="checkbox"/> TYPE III <input checked="" type="checkbox"/> TYPE IV <input type="checkbox"/> TYPE V	

I hereby certify that the building depicted in this set of drawings numbered **VH1 OF 4** through **VH4 OF 4** will withstand wind pressures of up to **120 MPH** as defined in the Florida Building Code, 2004 Edition, Section 1609, provided that it is built in strict accordance with these drawings. w/ 2006 ANCHORS.

H.L. Bennett, Florida P.E. No. 32534

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 FAX (863) 675-1327

DRAWING VH1 OF 4 THROUGH VH4 OF 4 PREPARED BY:
 HAN MOUTHAN
 5800 FREEBAND CT SW. KANAWHAH
 LABELLE, FL 32055

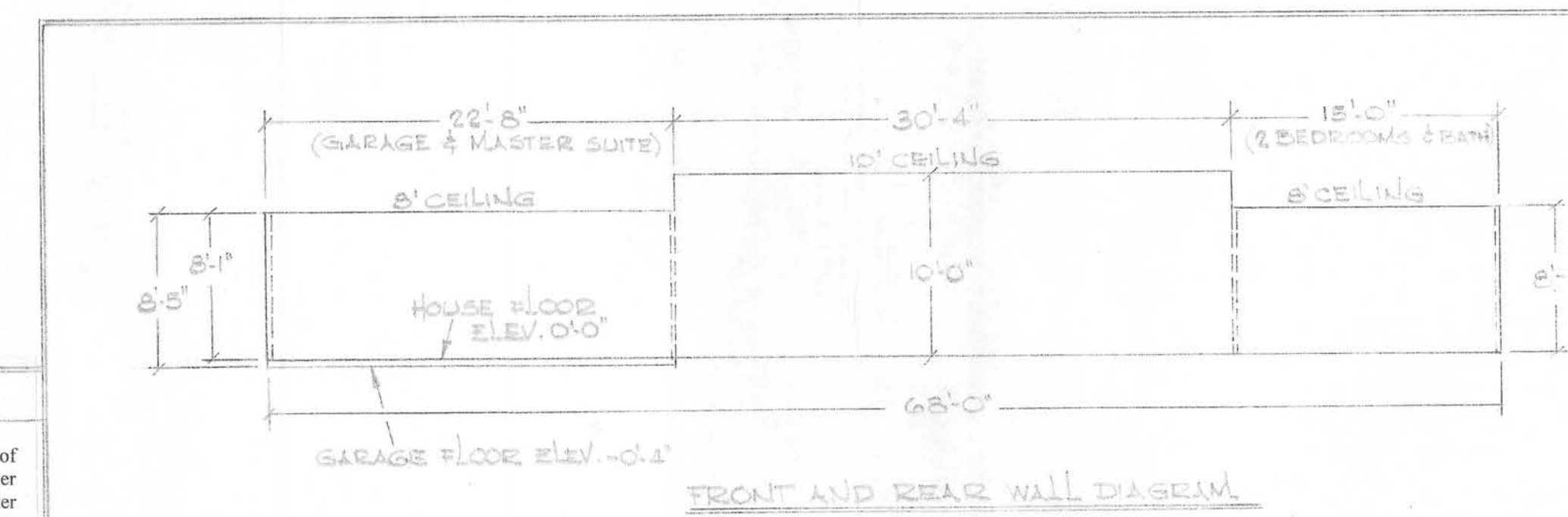
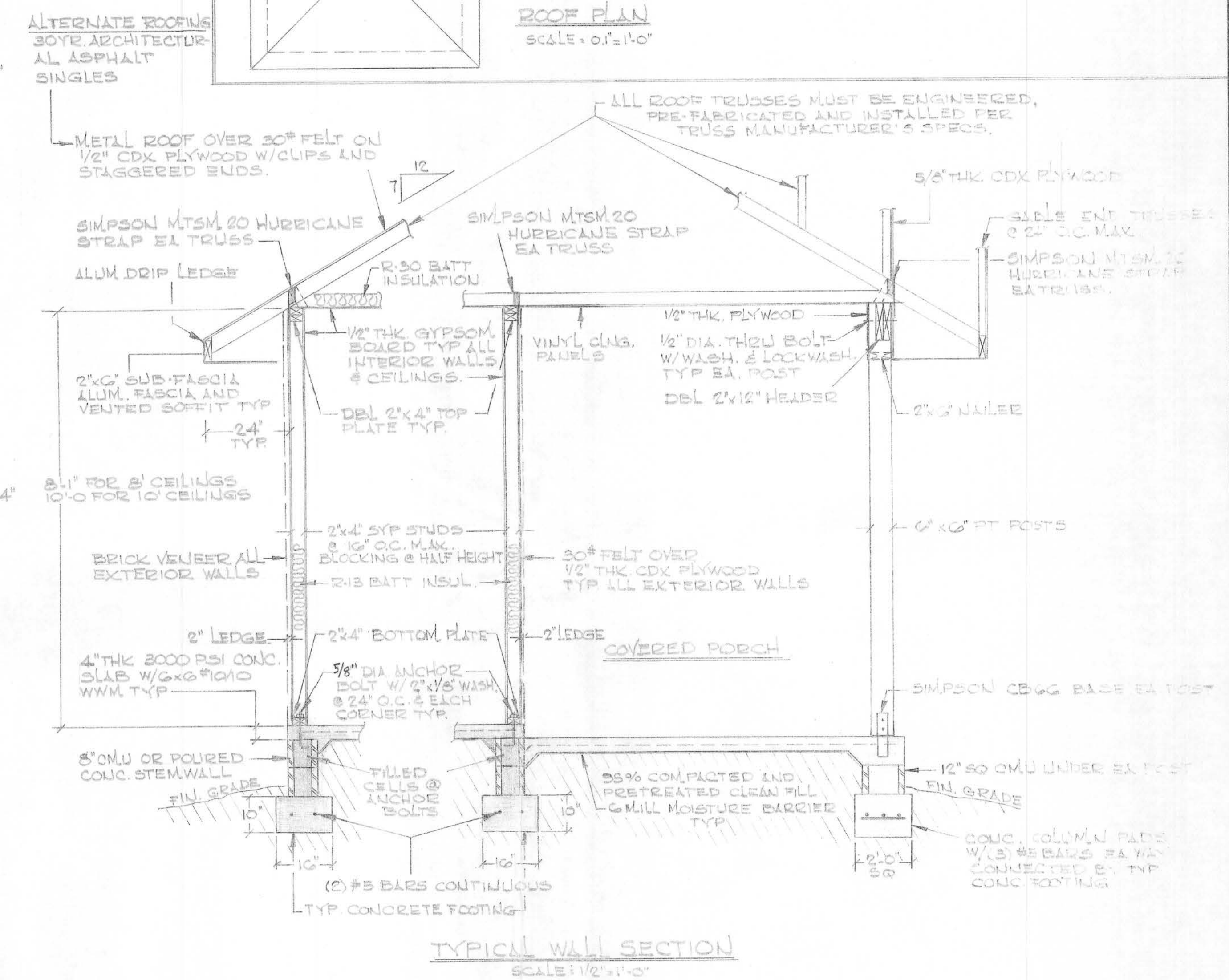
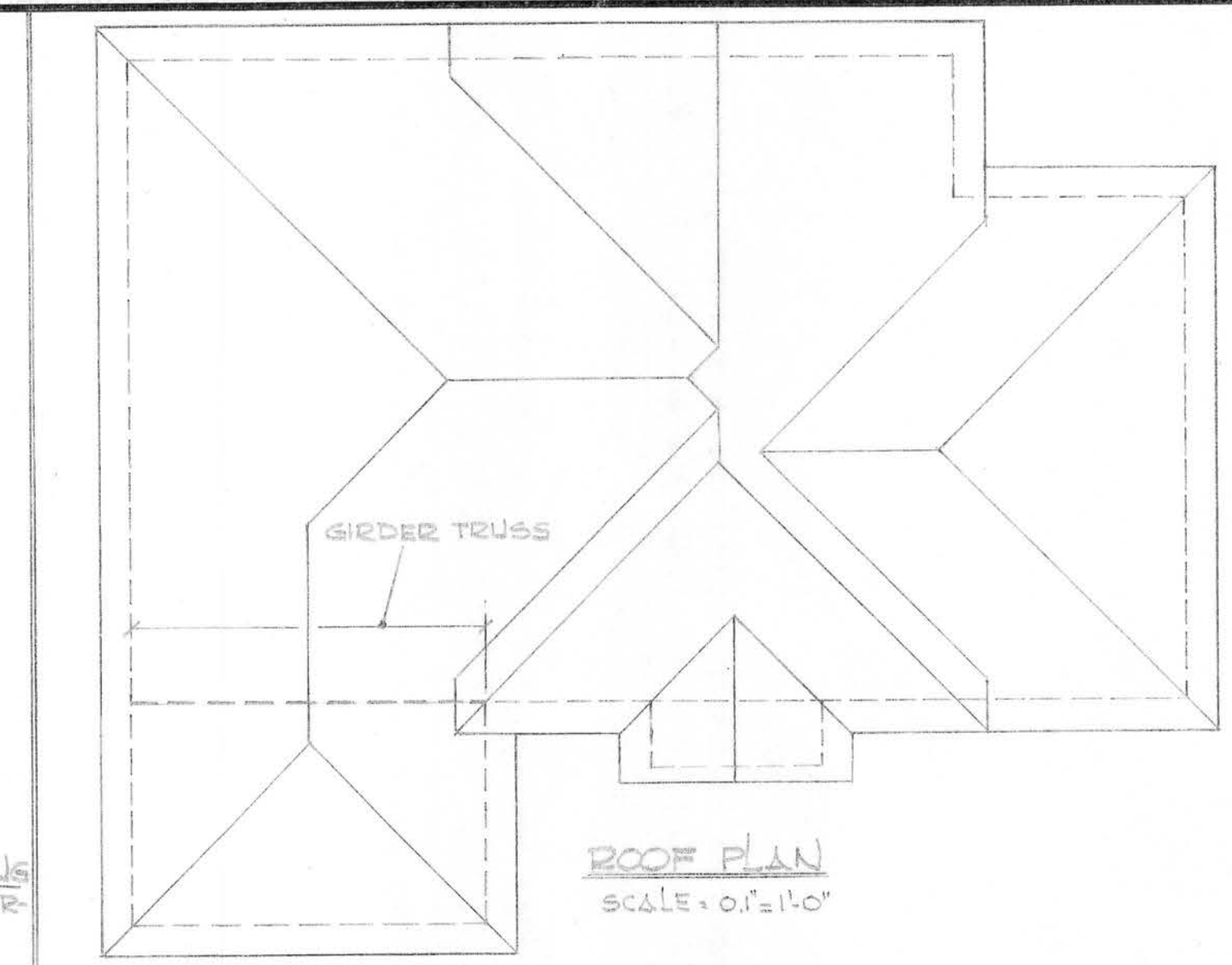
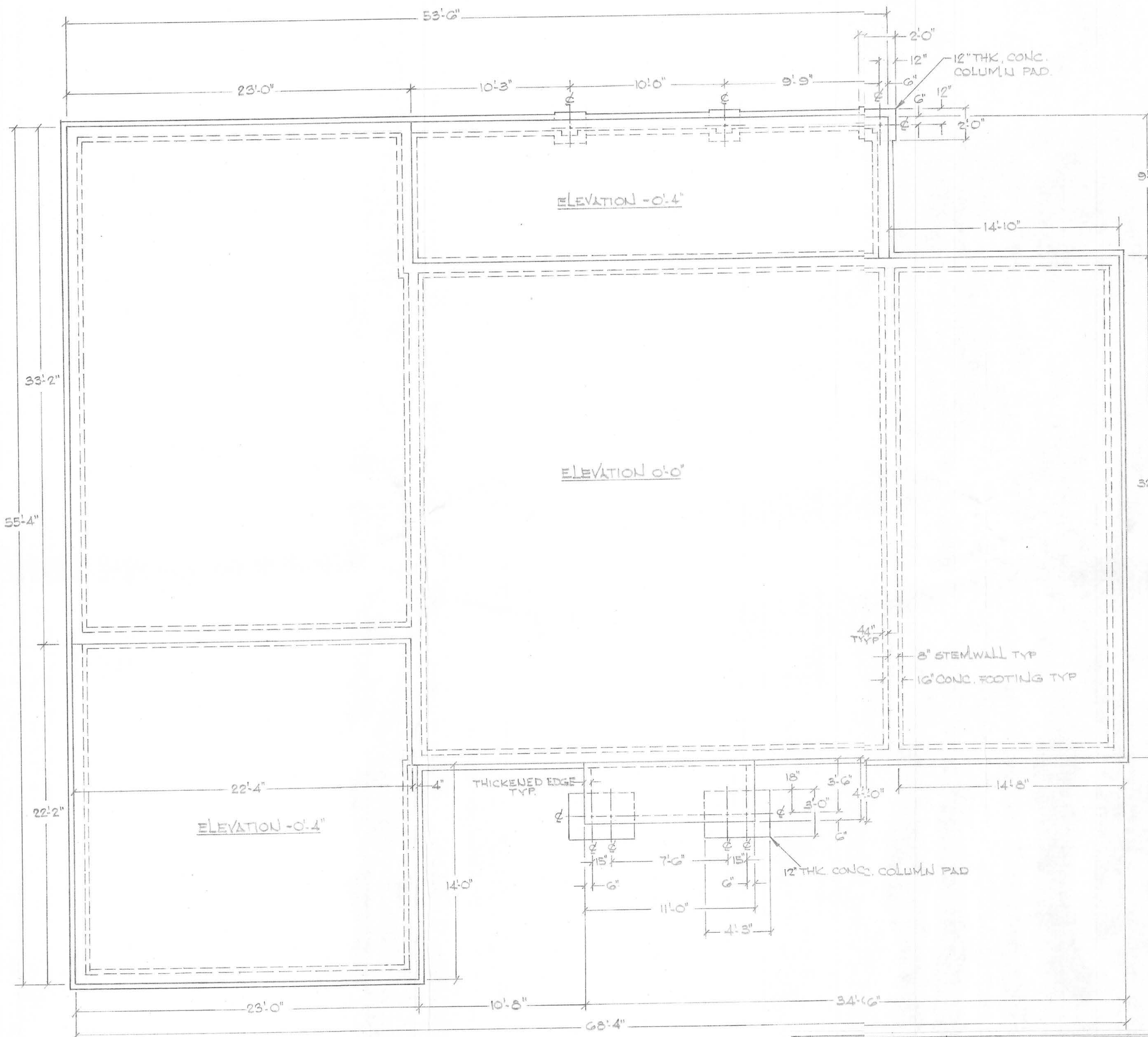
MR. AND MRS. TERRACE JONES

SCALE: 1/4" = 1'-0"
 DATE: 02-22-05

APPROVED BY: [Signature]
 DRAWN BY: [Signature]
 REVISED 07-05-05

CUSTOM SINGLE ONE-STORY HOME
 ELEVATIONS

DRAWING NUMBER
 VH1 OF 4



SOIL STATEMENT

A geotechnical soil report shall be supplied by a soil testing lab, stating a minimum bearing capacity of 2000 PSF prior to commencement of construction. Should a different condition be encountered the engineer is to be notified prior to assuming the work. At such time an architect or engineer shall supply a letter attesting that the site has been observed and the foundation conditions are similar to those the design is based on. See FBGC-2004 EDITION.

SUB-TERRANEAN TERMITE PROTECTION

Building(s) shall receive pre-construction treatment protecting against subterranean termites in accordance with the rules and laws established by the "FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". A "CERTIFICATE OF COMPLIANCE" shall be issued to the Building Department by a licensed pest control company containing the following statement:
"This building has received a complete treatment for the prevention of subterranean termites. Treatment is in accordance with the rules and laws established by the FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES".

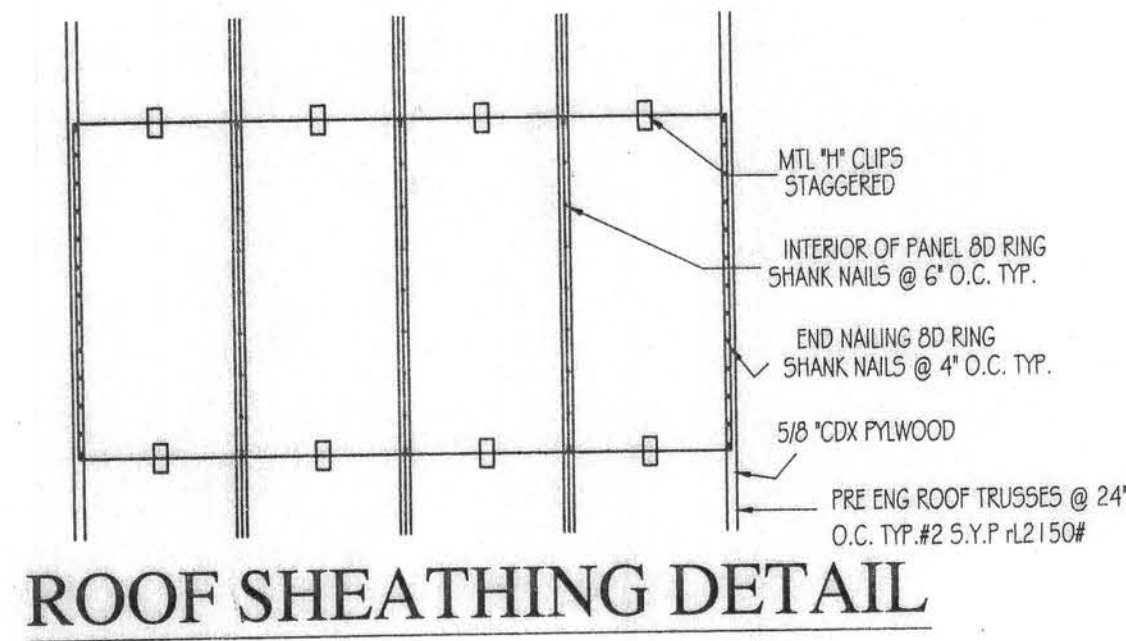
I hereby certify that the building depicted in this set of drawings numbered **VH4 OF 4** through **VH4 OF 4** will withstand wind pressures of up to **130** MPH as defined in the Florida Building Code, 2004 Edition, Section 1609, W/ 2006 AMENDMENTS.

H.L.B.
Date

H. L. BENNETT
241 YEOMANS AVENUE - P.O. DRAWER 2137
LABELLE, FLORIDA 33975 PH. (863) 675-8882
FAX (863) 675-1327

MR. AND MRS. TERRANCE JONES		APPROVED BY:	DRAWN BY:
SCALE: 1/2" = 1'-0"	DATE: 06-21-05	REVISD:	DRAWING NUMBER:
CUSTOM SINGLE ONE-STOREY HOME		FOUNDATION & WALL SECTION	

LIFE CYCLE



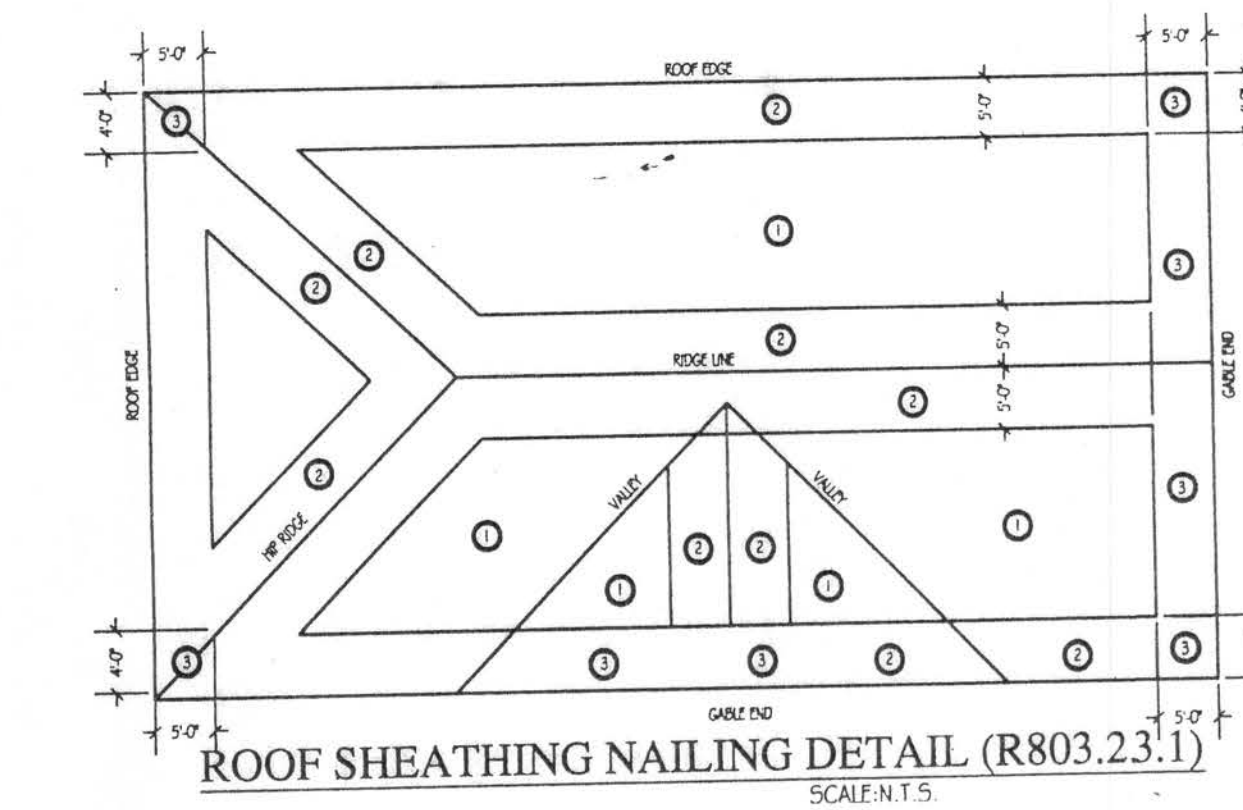
ROOF SHEATHING DETAIL
N.T.S.

- ZONE ① 8D RING-SHANK NAILS AT 6" O.C. AT EDGE
8D RING-SHANK NAILS AT 12" O.C. INTERMEDIATE
- ZONE ② ③ 8D RING-SHANK NAILS AT 6" O.C. AND 4" O.C. AT ROOF EDGES, RIDGE LINES OR GABLE END WALL
- NOTES: ENDS JOINTS FOR SHEATHING SHALL BE STAGGED AND OCCUR OVER A FRAMING MEMBER

ROOF SHEATHING ATTACHMENT

PANEL GRADE	THICKNESS (IN.)	SPAN RATING	MAX. SPAN (IN.)	MAX. SPAN LOAD (PSF)	
				LIVE	DIAD
STRUCTURAL SHEATHING	19/32, 5/8	24/0, 24/16	24'	20	31
	15/32	32/16	24	35	42
	1/2	32/16	24	40	52
	19/32, 5/8	40/20	24	70	80
	23/32, 3/4	48/24	24	90	100

NOTES: ALLOWABLE LOAD (PSF) FOR WOOD STRUCTURAL PANEL ROOF SHEATHING OVER TWO OR MORE SPANS AND LONG DIMENSION PARALLEL TO SUPPORTS.
(WOOD STRUCTURAL PANELS ARE OSB, COMPOSITE AND 5-PLY, 5-LAYER UNLESS OTHERWISE NOTED.)



ROOF SHEATHING NAILING DETAIL (R803.23.1)
SCALE: N.T.S.

MISC. NOTES

PROVIDE 2" X 4" BLOCKING AT 4'-0" O.C. AT THE BOTTOM OF ALL TRUSSES IN LANAI AND ENTRY (AREAS EXPOSED TO WIND.) CEILING SHEATHING IN THESE AREAS TO BE 5/8" EXTERIOR GRADE DRYWALL OR 1/2" OR 1/2" EXTERIOR GRADE PLYWOOD

CEILING DRYWALL SHALL BE 5/8" THICK OR 1/2" 5AG RESISTANT.

PER SEC. R302.1 OR THE 2004 FLORIDA RESIDENTIAL BUILDING CODE, EXTERIOR WALLS SEPARATED BY LESS THAN 6 FT., SHALL HAVE NOT LESS 1 HR. FIRE RESISTIVE RATING WITH EXPOSURE ON BOTH SIDES.

EXTERIOR CEMENT PLASTER SHALL COMPLY WITH ASTM C 926 & ASTM C 1063. APPLY A MIN OF 5/8" ON CBS WALLS AND 7/8" MIN. ON WIRE LATH OVER WOOD SHEATHING.

A.H.U. SERVICE PANEL MUST BE LOCATED WITHIN 6'-0" OF THE ATTIC OPENING.

A FLOAT SWITCH MUST BE INSTALLED TO SHUT DOWN THE UNIT IF THE CONDENSATE DRAIN GETS STOPPED UP.

THE ATTIC ACCESS MUST BE LARGE ENOUGH TO REMOVE THE A.H.U. WITH OUT DISASSEMBLING THE UNIT. A NOTICE SHALL BE POSTED ON OR BY THE ELECTRIC SERVICE PANEL INDICATING TO THE HOMEOWNER KNOW THAT THE A.H.U. IS INSTALLED IN THE ATTIC.

GENERAL NOTES

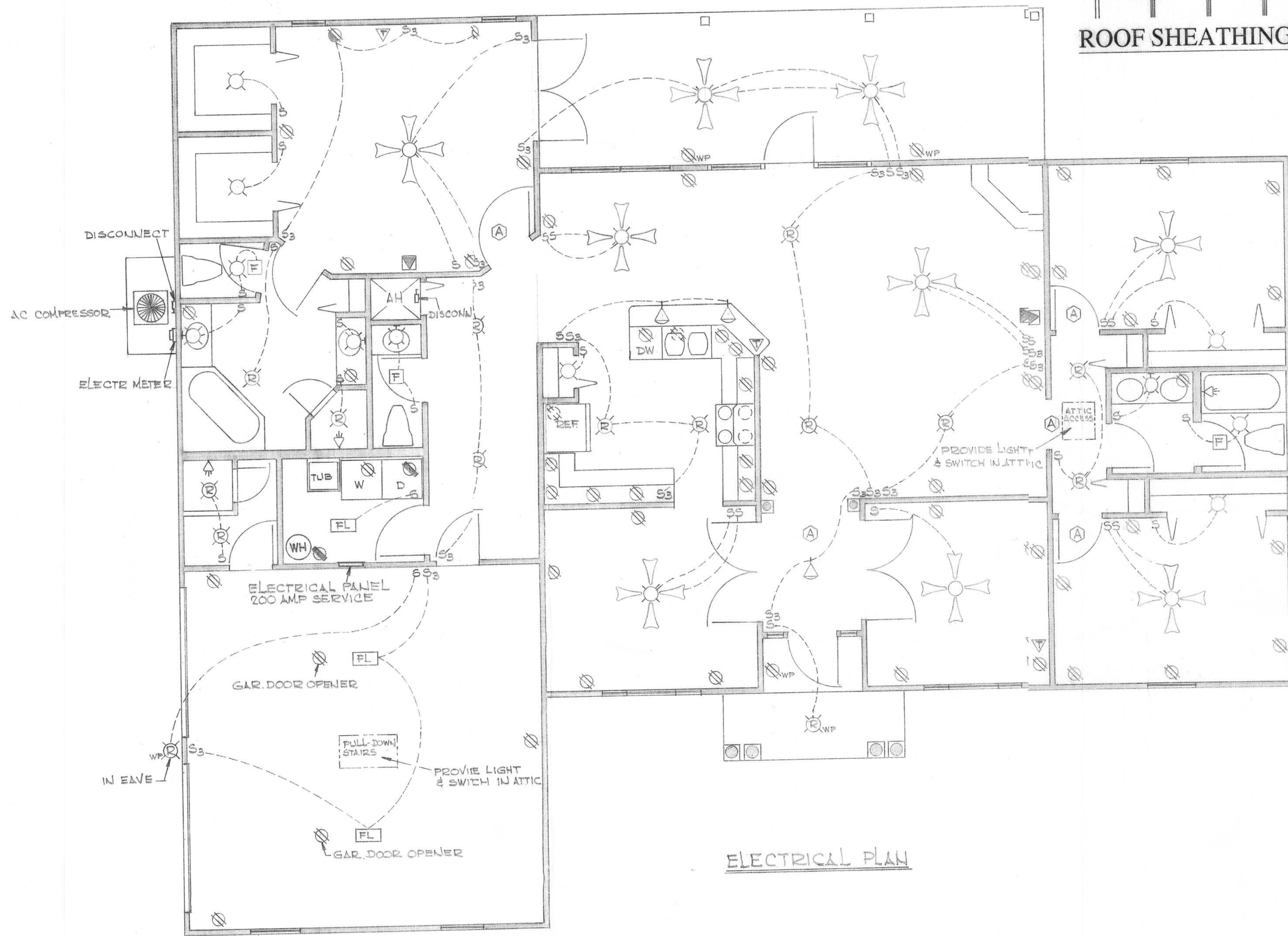
- All contractors or sub-contractors shall verify all conditions and dimensions at the job site prior to commencing work. The contractor shall report all discrepancies between the drawing and existing conditions to the designer prior to commencing work.
- All details and sections shown on the drawings are intended to be typical and shall be construed to apply to any similar situation elsewhere in the work except where a different detail is shown.
- All trusses shall be designed and certified by the manufacturer's State of Florida registered engineer.
- The structure is designed to be self-supporting and stable after the building is complete. It is the contractor's sole responsibility to determine erection procedures and sequence to ensure safety of building and its components during erection. This includes the addition of necessary shoring, sheathing, temporary bracing, guys or tie-downs.
- Grouted cells are required as shown on the plans and shall be placed @ 4' 0" O.C. max. Each grouted cell shall have (1) #5 vertical dowel tied to foundation and tie-beam unless otherwise shown on the plans.
- Reinforced vertical block shells shall be aligned and efficiently clean to allow length of cell to fill with grout.
- Clean-out openings shall be provided at the bottom of all grouted cells for inspection of alignment and reinforcement. Openings shall be sealed prior to grouting operation.
- Masonry walls shall cure a minimum of 24 hours prior to grouting operation.
- Concrete tie-beam may be up to 6" deeper than depicted on these plans without any additional steel reinforcement. Steel reinforcement must be positioned 1.5 inches from top, sides and bottom of beam.
- Fasten each end of all roof trusses (except girder trusses) to tie-beam with Simpson META 16 straps. Fasten all girder trusses in accordance with truss design on truss engineering sheets.
- All wood construction shall be in accordance with National Design Specifications and the Timber Construction Manual.
- Simpson connectors are specified in this design. Substitutions of equal or greater capacity than those depicted herein are permitted. All connectors shall be dipped galvanized.
- Roof sheathing shall be fastened to roof trusses per table 2306.1 unless shown otherwise in these plans.
- P.T. 3/4" window bucks for windows and doors shall be fastened ITW Ramset/Redhead Tapcons with 1/4" penetration into masonry walls as specified below:
Openings 3' 0" wide or less - (6) 3/16" dia. or (4) 1/2" dia.
Openings 6' 0" wide or more - (8) 3/16" dia. or (6) 1/2" dia.
- Provide two corner bars (one top and one bottom) at each corner of all tie-beams. Reinforcement bars to be #5, each lap 24". Provide two corner bars (top) at all "T" or hook discontinuous ends of top reinforcements.

STRUCTURAL NOTES

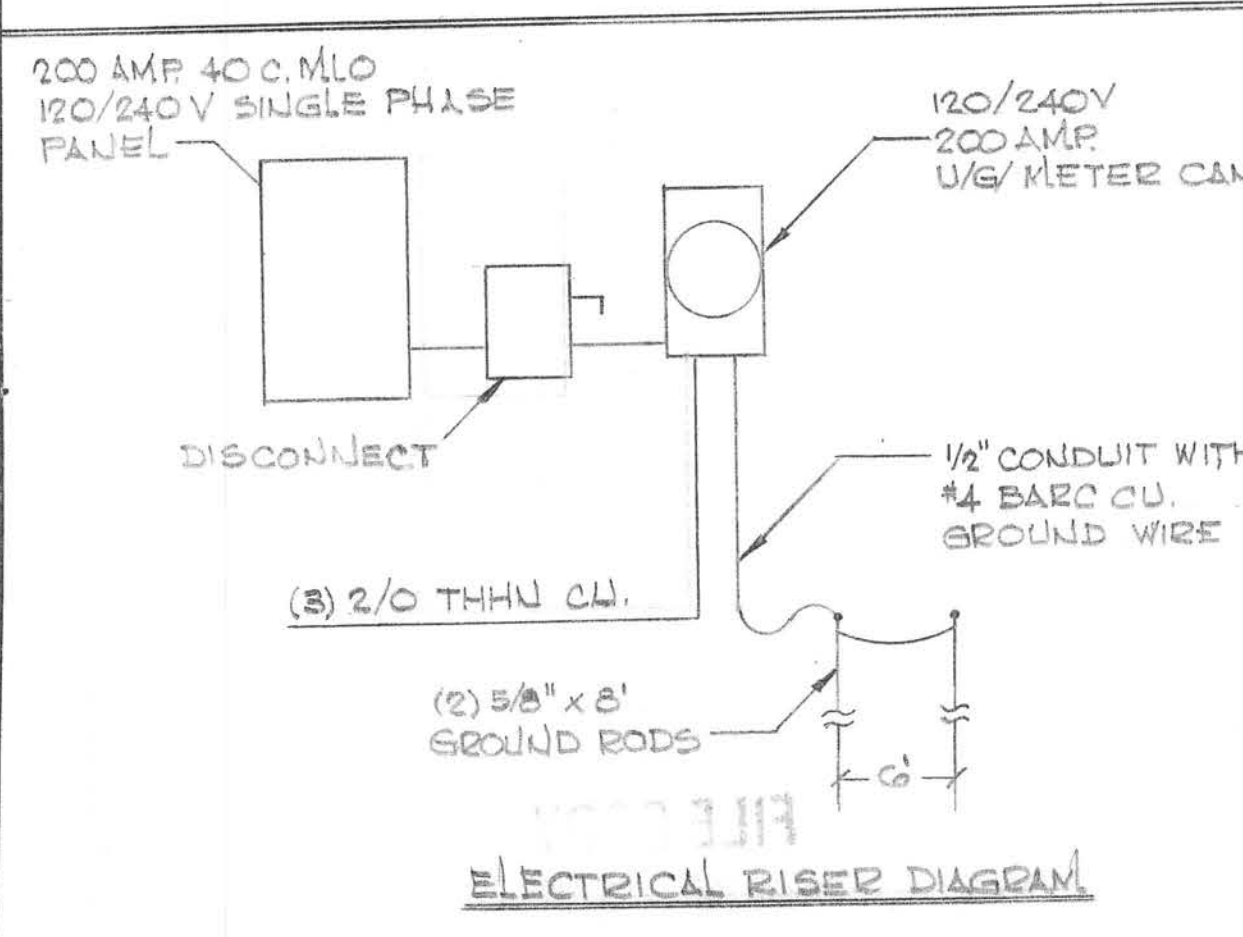
- All construction must be in strict conformance with the 2004 Edition of the Florida Building Code, section 1609 and all other applicable amendments and codes. Building's design is based on ASCE 7-98 for 130 MPH wind and applicable gravity dead and live loads.
- Soil borings have not been made. Footings have been designed for allowable soil bearing pressure of 2000 PSF.
- Concrete shall have a minimum compressive strength of 3000 PSI at 28 days. Unless noted otherwise placement shall be in accordance with ACI 318.
- All concrete slabs on grade shall be the thickness indicated on the drawings and shall be placed over a 6 Mil minimum polyethylene vapor barrier. Such slabs shall be reinforced with 6x6 #10/10 welded wire (or equal) fabric lapped 8" at edges and ends.
- Fill under concrete slabs shall be clean sand or rock and free of debris and other deleterious material. Fill shall be compacted to a density of at least 95% of Standard Proctor Maximum Dry Density (ASTM D 1557).
- Contractor shall build into and attach to all concrete work all insets, anchors, plates, etc. as may be required to attach other work in cooperation with other trades. These items must be secured in position before concrete is placed.
- All steel reinforcements shall be deformed bars +/- grade 60 steel, free of all scale, dirt, oil, excessive rust, etc. and shall be in conformance with ASTM A615 and shall be detailed per ACI 315.
- Do not scale drawings for structural information.
- Steel reinforcement shall have the following coverage unless otherwise noted:
Beams, girders and columns 1 1/2" (top, bottom and sides) +/-
Grade beams 2" (3" when cast against earth) +/-
- Support chairs or wires shall be used for all reinforcements spaced a minimum of 5' 0" O.C. Maximum 4" x 4" 3" solid bricks may be used in foundation only.
- Lap all top steel at mid-span and lap all bottom steel at supports or over masonry.
- Steel reinforcement in beams and grade beams shall have the following splice:
25" lap for #5 bars +/-
30" lap for #6 bars +/-
36" lap for #7 bars +/-
filled cell #5 bars 30" lap
- Welded wire mesh (WWM) shall conform to ASTM A185

ELECTRICAL NOTES

- Branch circuits supplying 125 Volt single phase 15 and 20 Ampere receptacles in all bedrooms must be protected by an arc-fault circuit interrupter.
- Branch circuits supplying 125 Volt single phase 15 and 20 Ampere receptacles in kitchens, laundry areas and on the exterior of a structure must be protected by a ground-fault circuit interrupter.
- Smoke detectors shall be line voltage with a battery back-up and must be installed in each sleeping room and in the immediately adjacent area per NFPA 72 CHAPTER 2-2.1.1.1, and CBC: 905.2



ELECTRICAL PLAN

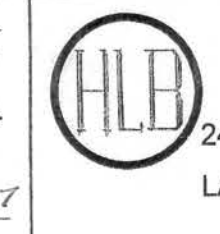


ELECTRICAL RISER DIAGRAM

ELECTRICAL SYMBOLS			
S	LIGHT SWITCH - SINGLE POLE	⊖	RECEPTACLE, 250 VAC
Ss	" - 3-WAY	⊖	ALARM, SMOKE/FIRE
⊗	FIXTURE, CEILING MTD	⊖	TV JACK
⊗	" " " " RECESSED	⊖	TELEPHONE/COMPUTER JACK
⊗	" " " " WALL MTD	⊖	FAN, CEILING MTD, EXHAUST
⊗	" " " " SUSPENDED	⊖	FAN, CEILING MTD, RECIRCULATING
⊗	" " " " CEILING MTD, FLUORESCENT	⊖	RECEPTACLE, 125 VAC
⊗	" " " " HALF SWITCHED	⊖	" " " " HIDDEN
⊗	" " " " HIDDEN	⊖	WP WEATHER PROOF FIXTURES

I hereby certify that the building depicted in this set of drawings numbered **VH4 OF 4** through **VH4 OF 4** will withstand wind pressures of up to **130** MPH as defined in the Florida Building Code, 2004 Edition, Section 1609, provided that it is built in strict accordance with these drawings. **W/ 2006 AMENDMENTS**

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Mr. and Mrs. TERRANCE JONES

SCALE: 1/4" = 1'-0"
DATE: 06-22-05
APPROVED BY: [Signature]
DRAWN BY: [Signature]
REVISED: 07-05-05

CUSTOM SINGLE ONE-STORY HOME

ELECTRICAL PLAN

DRAWING NUMBER: VH4 OF 4