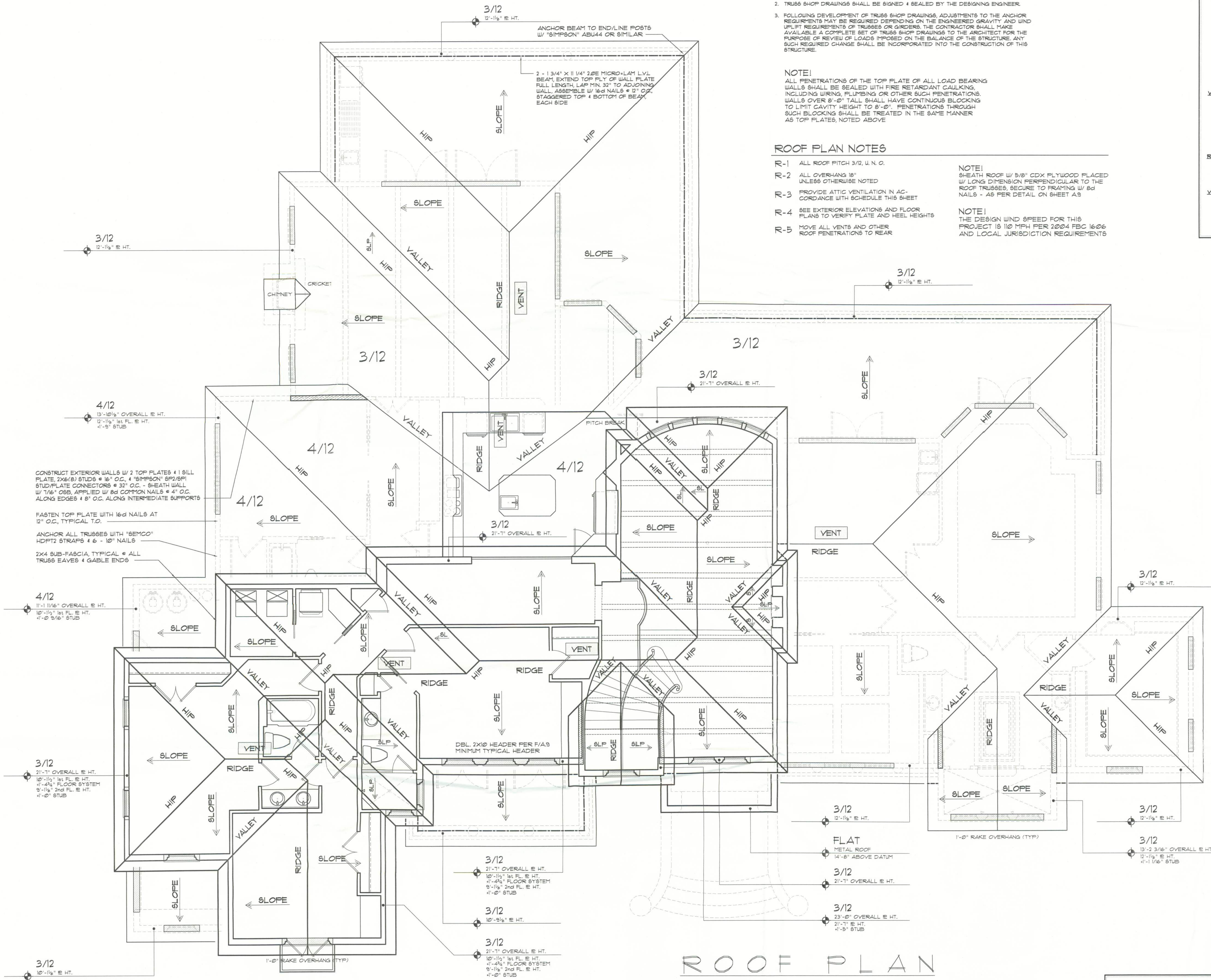


These drawings are instruments of service, and are the sole property of the architect, and may not be used, copied or reproduced in whole or in part for use on or incorporated within any other job without specific and individual information by the architect.



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

THE CONTRACTOR SHALL COORDINATE THE TRUSS TO TRUSS ANCHOR REQUIREMENTS WITH THE TRUSS ENGINEERING SHOP DRAWINGS. SOME OF THE TRUSS TO TRUSS CONNECTIONS WILL REQUIRE ANCHOR STRAPS IN ADDITION TO TYPICAL NAILING. ANCHOR DEVICES SHALL BE REQUIRED FOR ALL JOINTS WITH AN UPLIFT OR GRAVITY LOAD OF 1000 LBS OR GREATER. TRUSSES BEARING ON INTERIOR PARTITIONS WHERE UPLIFT LOADS ARE PRESENT SHALL REQUIRE ANCHORS OF EQUAL OR GREATER LOAD CAPACITY THAN THAT INDICATED BY THE TRUSS SHOP DRAWINGS. THE UPLIFT ANCHOR SYSTEM SHALL BE CONTINUOUS TO THE FOUNDATION.

ROOF PLAN

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

NOTE!
REFER TO THE WINDOW/DOOR HEADER SCHEDULE ON SHEET A3 FOR ALL ANCHOR HEADERS TO KING STUDS W/ 2 "SIMPSON" 8722 EA. END - TYP. I.O.

NOTE!
ALL EXTERIOR WALLS ARE 2X4 STUDS W/ 1/2" THICK CDX PLYWOOD SHEATHING (4") OR 7/16" O. S. B. SHEATHING

NOTE!
REFER TO THE WINDOW/DOOR HEADER SCHEDULE ON SHEET A3 FOR ALL ANCHOR HEADERS TO KING STUDS W/ 2 "SIMPSON" 8722 EA. END - TYP. I.O.

NOTE!
THE DESIGN WIND SPEED FOR THIS PROJECT IS 110 MPH PER 2024 FBC 1606 AND LOCAL JURISDICTION REQUIREMENTS

GENERAL TRUSS NOTES:

- 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.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- 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 OTHERS. 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.

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.

ROOF PLAN NOTES

- ALL ROOF PITCH 3/12, U. N. O.
- ALL OVERHANG 18" UNLESS OTHERWISE NOTED
- PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE THIS SHEET
- SEE EXTERIOR ELEVATIONS & FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS
- MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

NOTE!

SHEATH ROOF W/ 5/8" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/ 8d NAILS - AS PER DETAIL ON SHEET A3

NOTE!

THE DESIGN WIND SPEED FOR THIS PROJECT IS 110 MPH PER 2024 FBC 1606 AND LOCAL JURISDICTION REQUIREMENTS

ROOF ATTIC/VENTILATION AREA CALCULATIONS

EXCEPT OF FBC CODE

2305.1 Ventilation of Attic Space

2305.1.1 For gable and hipped roofs, ventilation shall be provided to furnish cross ventilation of each separate attic space with weather protected vents. All vents shall be screened to protect the interior from intrusion of birds. The ratio of total net free ventilating area to the area of the ceiling shall be not less than 1/50. That ratio may be reduced to 1/300 provided:

- A vapor retarder having a permeance not exceeding one perm is installed on the warm side of the ceiling; or
- At least 50% of the required ventilation area is provided by ventilator located in the upper portion of the space to be ventilated (at least 3 ft, 914 mm, above eave or corner vents) with the balance of the required ventilation provided by eave or corner vents.

2305.1.3 All openings into the attic space of any habitable building shall be covered with screening hardware cloth or equivalent to prevent the entry of birds, squirrels, rodents, etc. The openings therein shall not exceed 1/4 inch (6.4 mm).

Ventilation Required

HVAC	3591	Square Footage
Misc.	897	Square Footage
Entry	54	Square Footage
Covered Lanai	1024	Square Footage
	5636	Total Attic sq. ft.
5636	+ 320	= 5956
5956	x 5/50 (%)	= 59.56
		Square Footage net free area req'd

Roof Vent Specifications

(per manufacturer)

38"x14" vent tiles provide 1.85 sq.ft. net free space

10"HAGINS INC. VENT TILE MODEL "B" 5"50242 20" OR EQUAL

Vents Required

(6) 38"x14" vents = 1.85 sq.ft. each = 11.10 sq. ft.

11.10 Total sq.ft. net free area provided



MULTIPLE GANG LAM. DETAIL

NOT TO SCALE



PLYWOOD FITCH BEAM DETAIL

NOT TO SCALE

NOTE:

- ROOF OVERHANG SHALL BE 1'-0" UNLESS NOTED OTHERWISE
- ROOF PITCH SHALL BE 3/12 UNLESS NOTED OTHERWISE ON PLANS
- ROOF FRAMING TO BE PRE-ENGINEERED WOOD TRUSSES SET @ 7' O.C.
- ROOF FRAMING LUMBER TO BE #2 OR BETTER
- INDICATES DIRECTION OF ROOF SLOPE
- INDICATES INTERIOR CEILING VAULT
- INDICATES FALSE WALL
- INDICATES 2ND FLOOR WALLS

NOTE:

ADDITIONAL INTERIOR BEARING MAY BE REQ'D BY ROOF TRUSS MANUFACTURER. CONTRACTOR TO COORDINATE W/ RESIDENTIAL DESIGN BY KEVIN GRAY AND ARCHITECT. ALL ROOF FRAMING TO BE PRE-MANUFACTURED ROOF TRUSSES - TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS (UNO.)

ROOF FRAMING LEGEND:

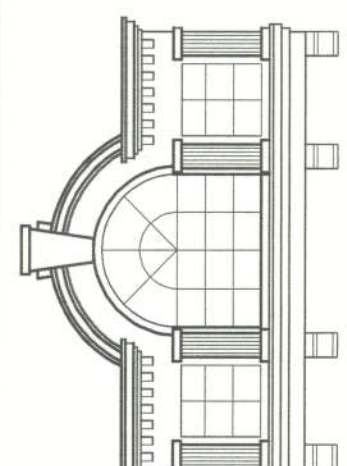
- ROOF VENT
- INTERIOR BEARING WALL OR RAISED KNEE WALLS FROM FIRST FLOOR BEARING WALL
- FALSE WALL (TYP FRAMED OVER DOUBLE MEMBERS)
- HEADERS - REFER TO SPAN SCHEDULE ON A3
- BEAMS, DOUBLED TRUSSES OR GIRDER TRUSSES BY OTHERS - PER MANUFACTURER'S SPEC
- STEEL MEMBERS
- CONCRETE LINTELS
- STEEL POSTS
- WOOD POSTS
- ROOF JOISTS OR ROOF TRUSSES BY OTHERS - PER MANUFACTURER'S SPEC
- BEAM, JOIST, OR TRUSS HANGERS

AREA TABULATION

1st FLOOR HEATED	3591
2nd FLOOR HEATED	1203
TOTAL HEATED	4794
ENTRY	54
COVERED PATIO	116
LANAI	1024
GARAGE	161
UNDER ROOF TOTALS	
FIRST FLOOR	5636
ENTIRE STRUCTURE	6825
TOTAL ENCLOSED	5561
TOTAL UNENCLOSED	264

NOTICE
Construction from these plans should not be undertaken without the approval of the architect. The architect is not responsible for the construction of the building or for the safety of the building. The architect is not responsible for the construction of the building or for the safety of the building. The architect is not responsible for the construction of the building or for the safety of the building.

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A Joint Venture Partnership

NICHOLAS
SAL
GEISLER
ARCHITECT
N.CARB. CERTIFIED

HUBER RESIDENCE
THE NW 1/4 OF NE 1/4, SECTION 1
T 5 - S, R 16 - E
COLUMBIA COUNTY, FLORIDA

DRAWN BY: BV, RFF, AUD
CHECKED BY: JGG
DATE: 7/13/05
SCALE: 1/4" = 1'-0"
JOB NUMBER: 4800
REVISED:
DWS NO: 10 13