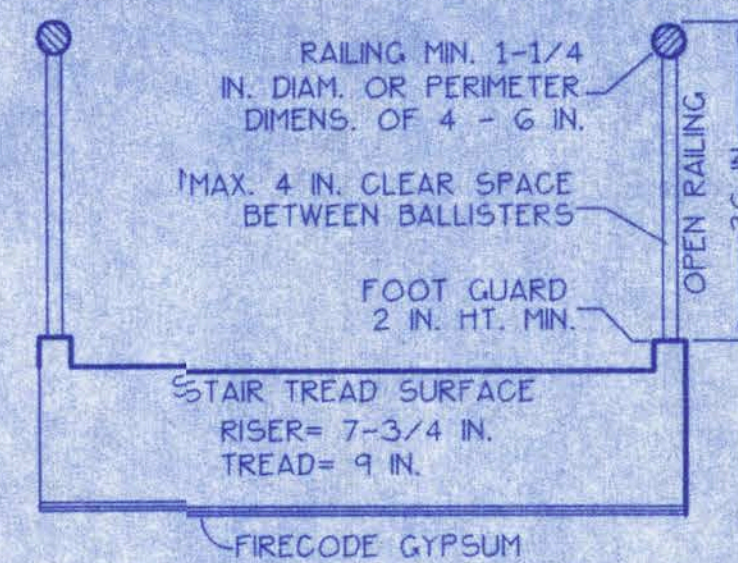
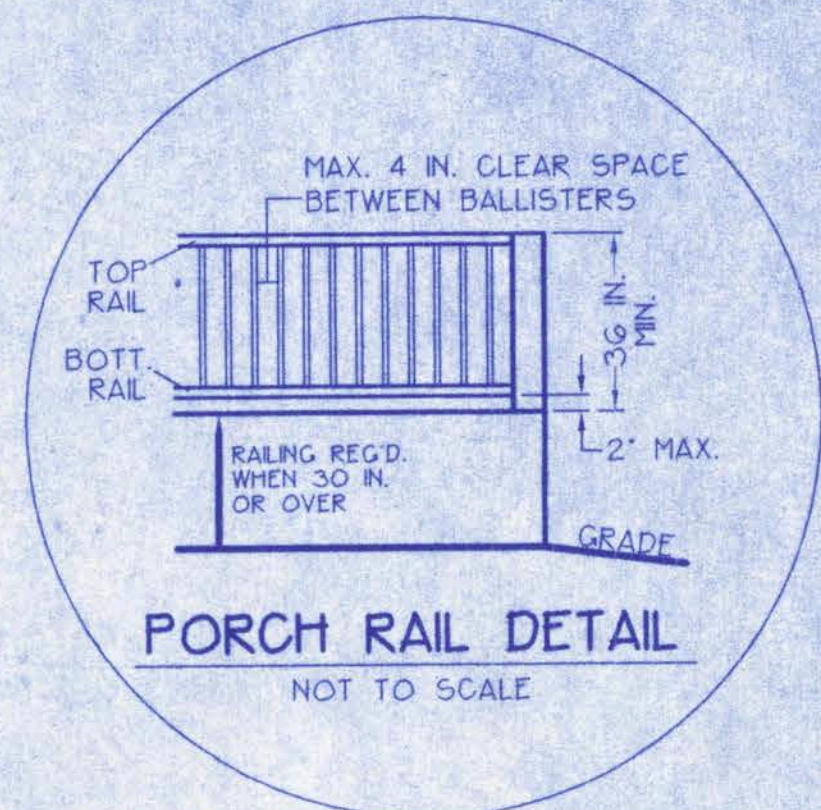


Office copy

## AREA SUMMARY

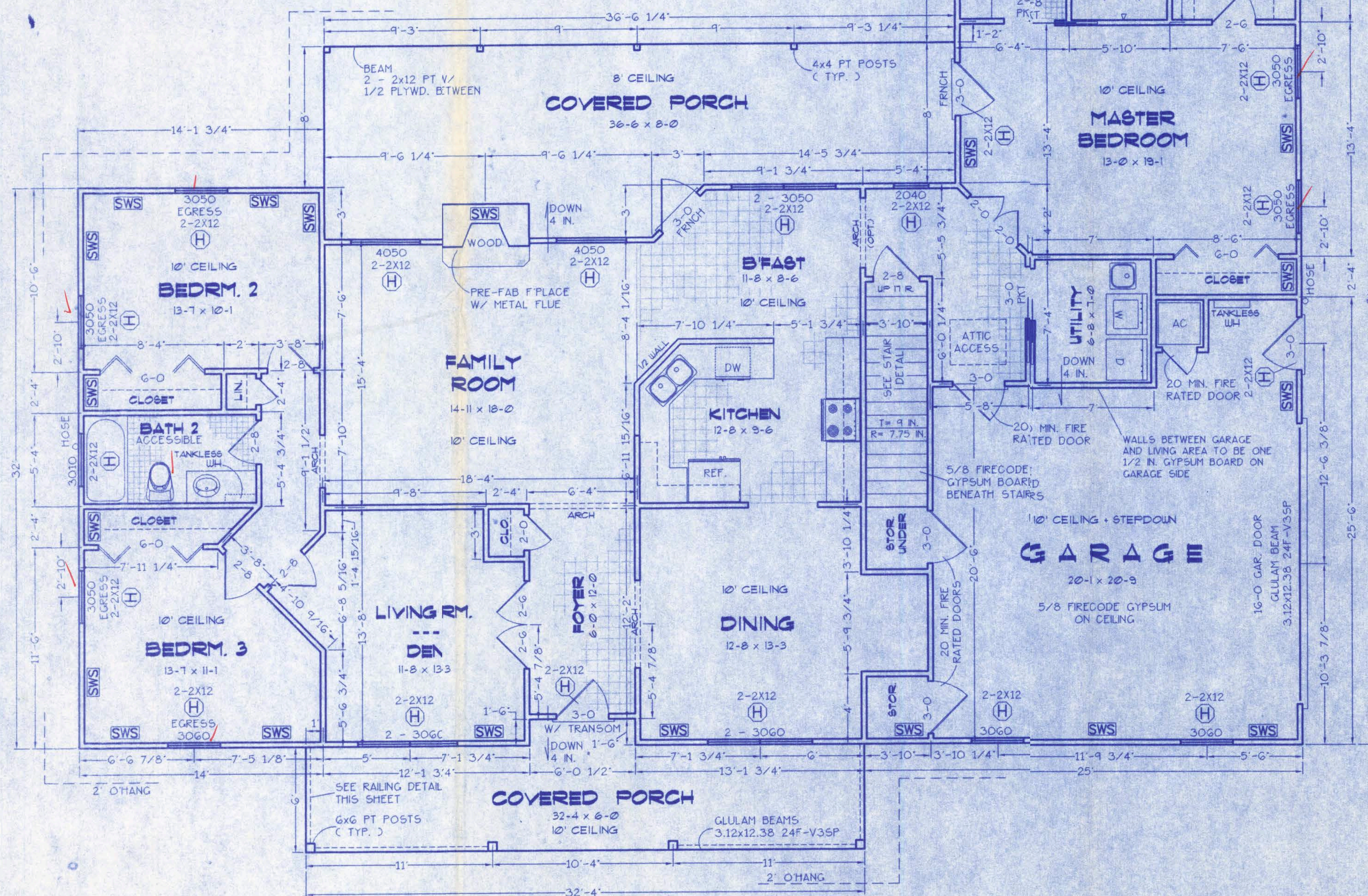
CONDITIONED	2074 SF
GARAGE	471 SF
FRONT PORCH	205 SF
REAR PORCH	354 SF
TOTAL ROOF	3110 SF
BONUS AREAS	250 SF



STAIR DETAIL  
NOT TO SCALE

2'-2X12 (H) = Indicates Header Size for designated opening.

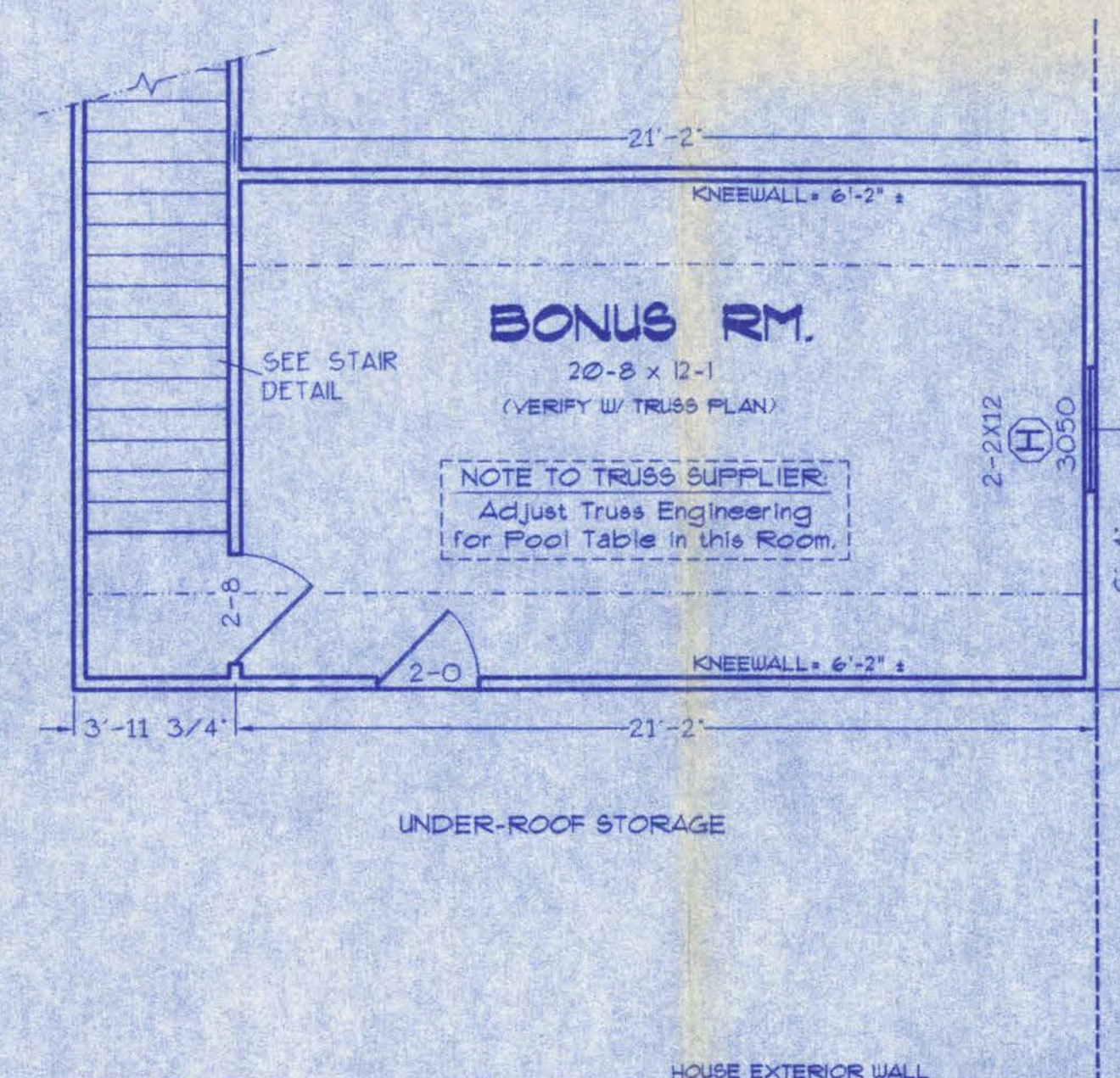
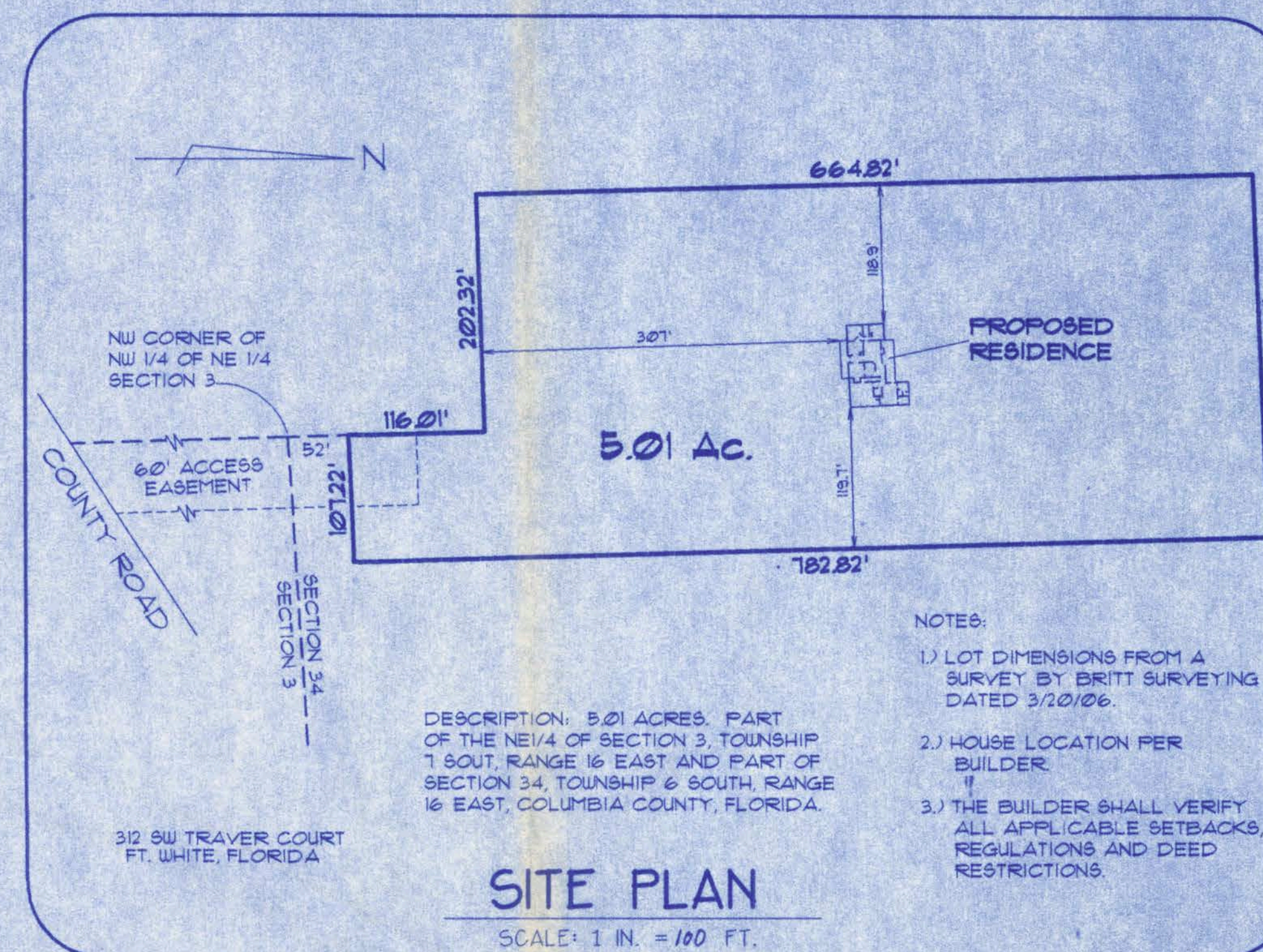
SWS = Indicates a shearwall segment location referring to the labeled section of wall lying between the adjacent window / door openings in either direction. The shearwall areas have a height/width aspect ratio of 3-1/2 : 1 or wider.



## FLOOR PLAN

SCALE: 1/4 IN. = 1 FT.

# Hawkins Residence



## BONUS RM.

SCALE: 1/4 IN. = 1 FT.

WINDLOAD ENGINEER: Huey Hawkins, PE No. 33665 - 6855 SW Elm Church Rd., Fort White, FL 32038 - 386-497-3991

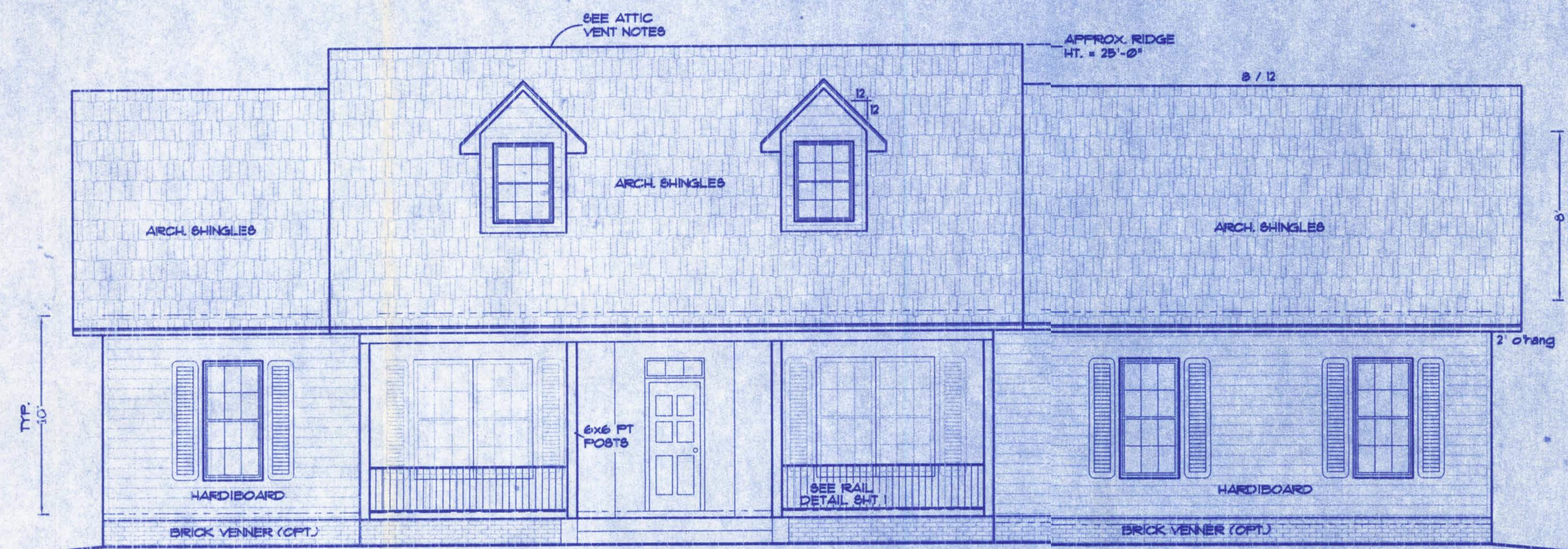
CERTIFICATION: These plans and windload engineering, comply with Florida Building Code Res. 2004 Sec. R301.2.1, to the best of my knowledge.

SIGNED: *[Signature]* DATE: 6/10/2006

312 SW TRAVER COURT  
FT. WHITE, FLORIDA

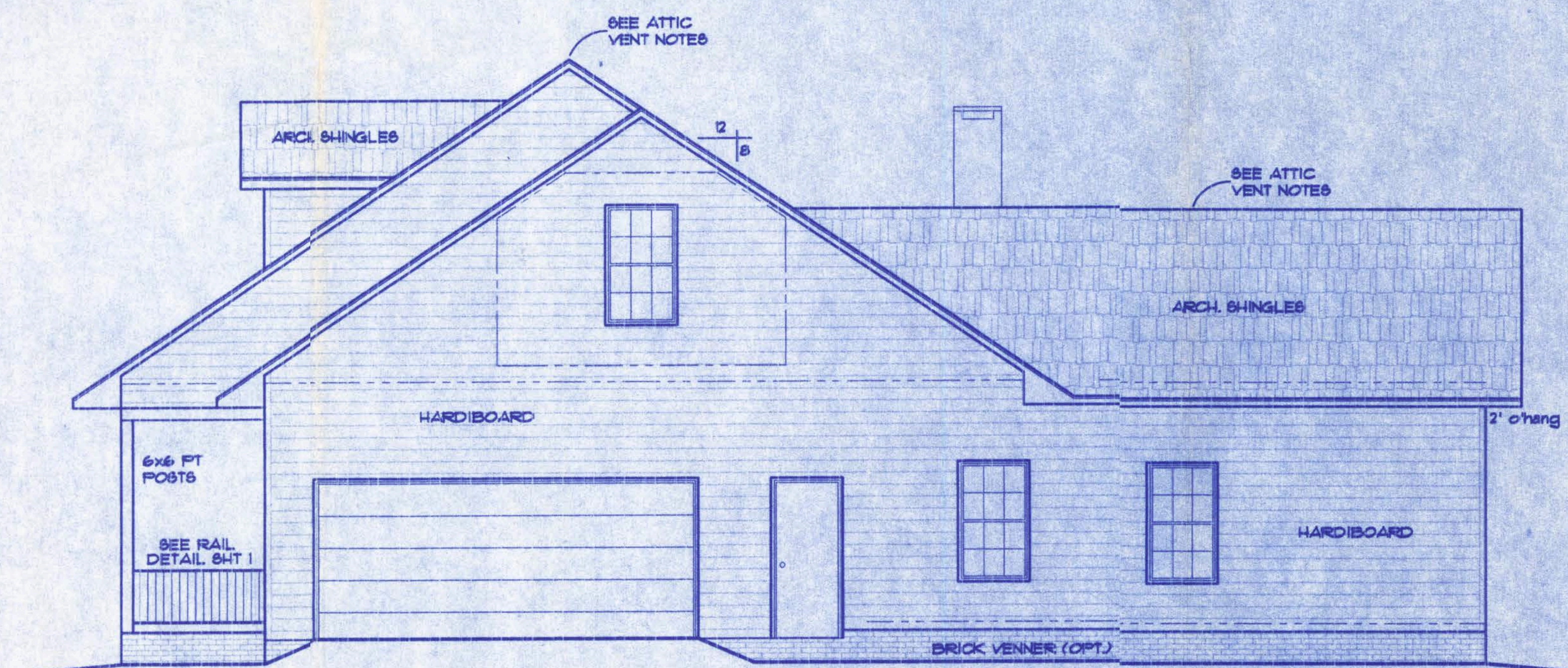
FILE: 06-020	<b>HAWKINS RESIDENCE</b>	SHEET: 1 OF 3
DATE: 5-9-06		CAD FILE: 06020
DRAWN: T A D	PREPARED BY: <b>TIM DELBENE</b> Drafting + Technical Services 142 SW Sagewood Ch. Lake City, FL 32024 Phone: (386) 755-5891	REV:
CHECK: T A D		REV:





## FRONT ELEVATION

SCALE: 1/4 IN. = 1 FT.



## RIGHT ELEVATION

SCALE: 1/4 IN. = 1 FT.

## GENERAL NOTES

- 1.) See 'Wind Load Detail Sheet S-1' and Wind Engineer's Notes for data pertaining to Wind Design and compliance w/ Florida Building Code.
- 2.) All concrete used to be 2500 PSI strength or greater.
- 3.) HVAC duct and unit size/design is by engineered shop drawings from the AC contractor.
- 4.) Windows to be alum. framed and double glazed. Sizes shown are nominal and may vary with manufacturer.
- 5.) Roof Truss design is the responsibility of the supplier.
- 6.) The Truss Manufacturer shall prepare Shop Drawings indicating Truss placement, Girder locations, Truss-to-Truss Connections and any point loads. The Contractor shall notify the Designer of any point loads in excess of 2.0k for Fnd. Modification.
- 7.) Site analysis or preparation information is not a part of this plan and is the responsibility of the owner.
- 8.) Cabinet and millwork detail is not a part of this plan. The plan is a general design and details shall be the responsibility of the owner and/or contractor.

## ATTIC VENTILATION

Enclosed attics and enclosed rafter spaces formed where ceilings are applied directly to the underside of roof rafters shall have cross ventilation for each separate space by ventilating openings protected against the entrance of rain. Ventilating openings shall be provided with corrosion-resistant wire mesh, with a 1/8 inch (3.2 mm) minimum to 1/4 inch (6.4 mm) maximum openings.

The total net free ventilating area shall not be less than 1 to 150 of the area of the space ventilated except that the total area is permitted to be reduced to 1 to 300, provided at least 50 percent and not more than 80 percent of the required ventilating area is provided by ventilators located in the upper portion of the space to be ventilated at least 3 feet (914 mm) above eave or cornice vents with the balance of the required ventilation provided by eave or cornice vents.

WINDLOAD ENGINEER: Huey Hawkins, PE No. 33685 - 6855 SW Elm Church Rd., Fort White, FL 32036 - 386-497-3991

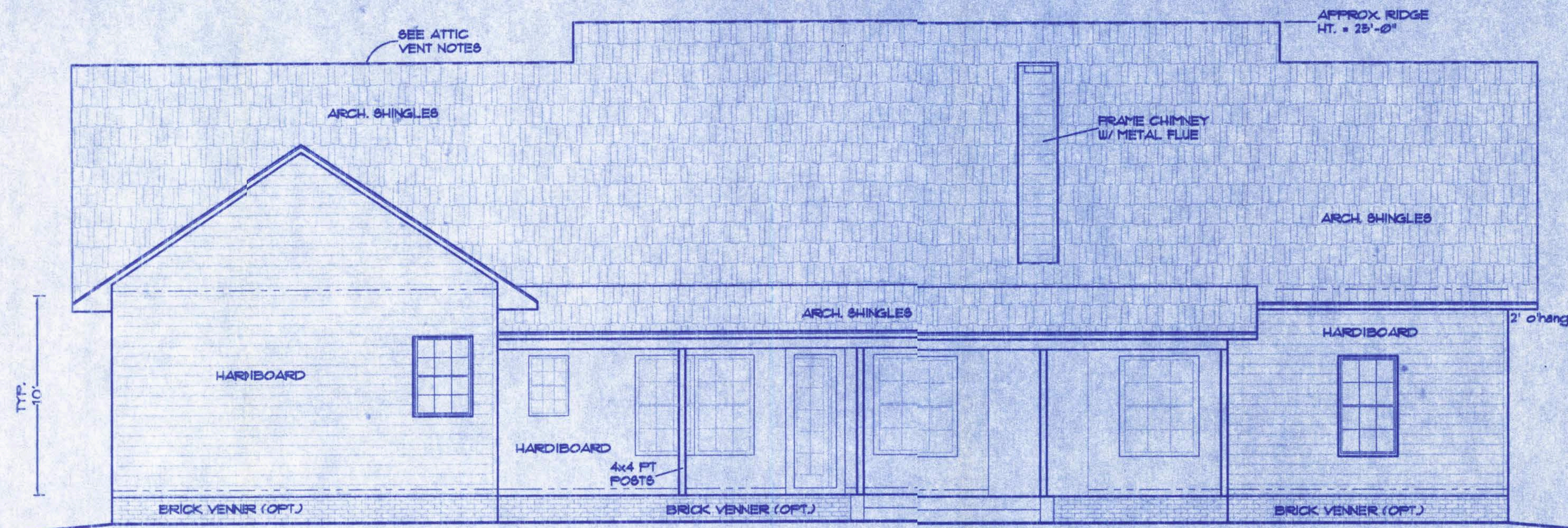
CERTIFICATION: These plans and windload engineering, comply with Florida Building Code Res. 2004 Sec. R301.2.1, to the best of my knowledge.

SIGNED: *Huey Hawkins* DATE: 6/12/2006

312 SW TRAYER COURT  
FT. WHITE, FLORIDA

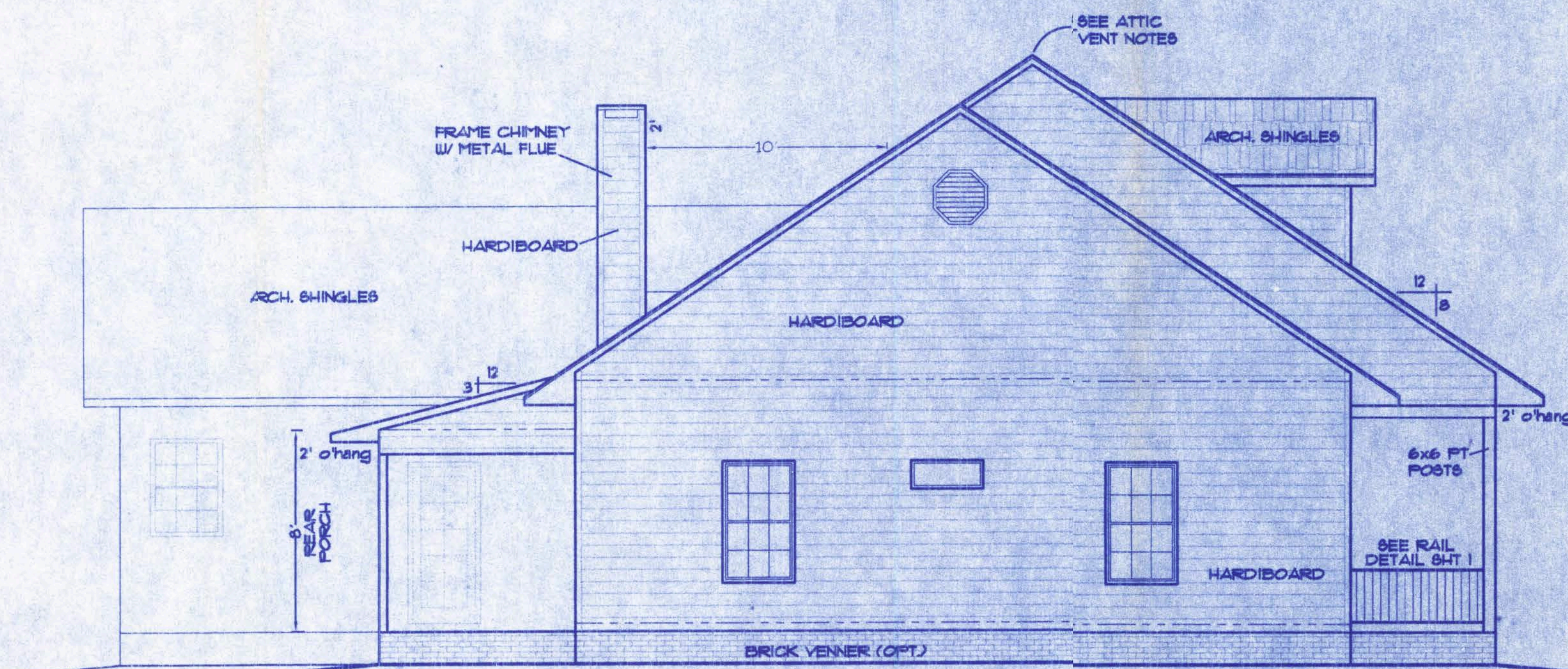
FILE: 06-020	<b>HAWKINS RESIDENCE</b>	SHEET: 2 OF 6
DATE: 5-9-06		CAD FILE: 06020
DRAWN: T A D	PREPARED BY: <b>TIM DELBENE</b> Drafting + Technical Services	REV:
CHECK: T A D	192 SW Sagewood Cir., Lake City, FL 32024 Phone: (386) 755-5891	REV:





### REAR ELEVATION

SCALE: 1/4" IN. = 1 FT.



### LEFT ELEVATION

SCALE: 1/4" IN. = 1 FT.

### ATTIC VENTILATION

Enclosed attics and enclosed rafter spaces formed where ceilings are applied directly to the underside of roof rafters shall have cross ventilation for each separate space by ventilating openings protected against the entrance of rain. Ventilating openings shall be provided with corrosion-resistant wire mesh, with 1/8 inch (3.2 mm) minimum to 3/4 inch (6.4 mm) maximum openings.

The total net free ventilating area shall not be less than 1 to 150 of the area of the space ventilated except that the total area is permitted to be reduced to 1 to 300, provided at least 50 percent and not more than 80 percent of the required ventilating area is provided by ventilators located in the upper portion of the space to be ventilated at least 3 feet (914 mm) above eave or cornice vents with the balance of the required ventilation provided by eave or cornice vents.

WINDLOAD ENGINEER: Huey Hawkins, PE No. 33685 - 6855 SW Elm Church Rd., Fort White, FL 32038 - 386-497-3991

CERTIFICATION: These plans and windload engineering, comply with Florida Building Code Res. 2004 Sec. R301.2.1, to the best of my knowledge.

SIGNED: *[Signature]* DATE: 6/20/2006

312 SW TRAYER COURT  
FT. WHITE, FLORIDA

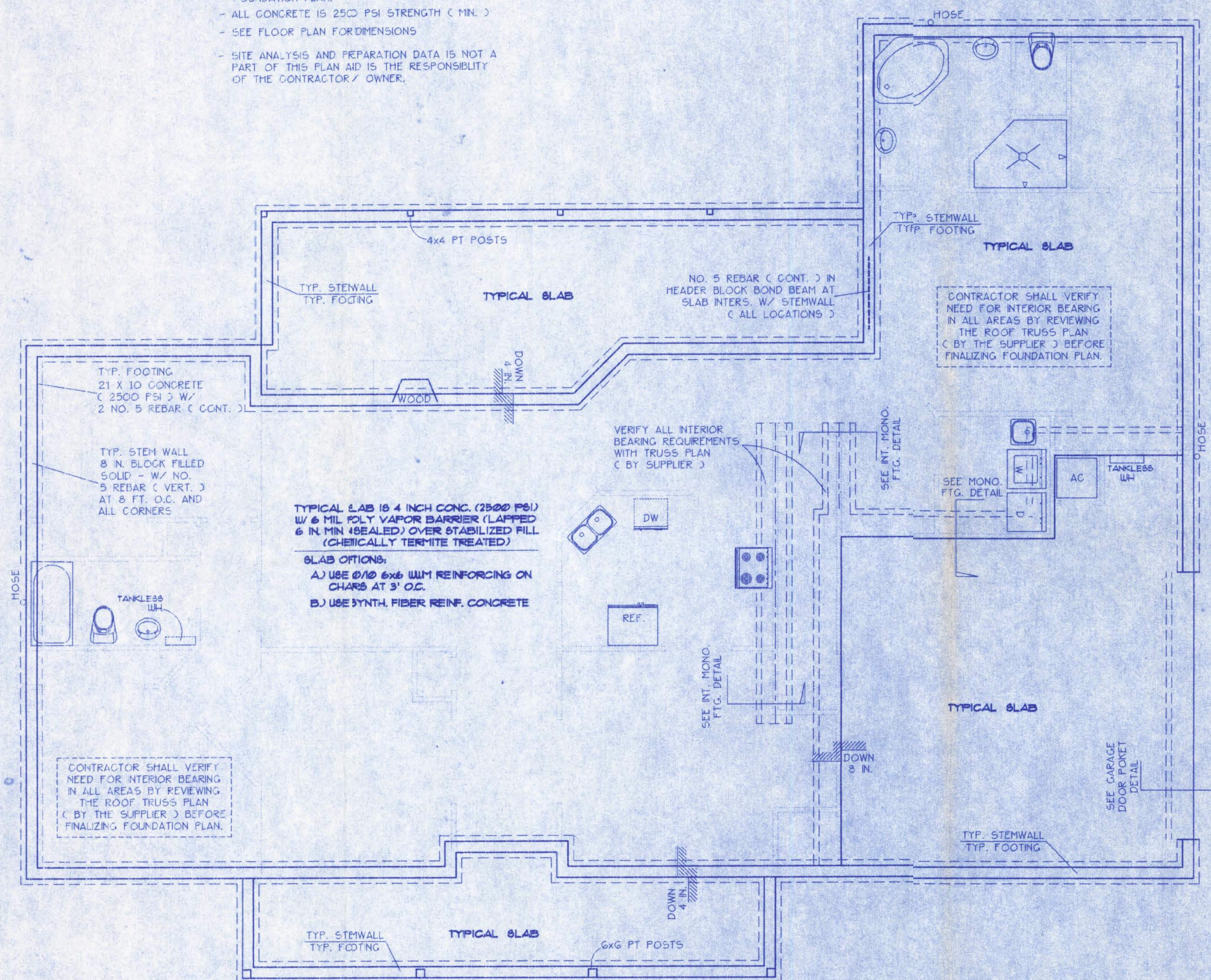
FILE: 06-020	<b>HAWKINS RESIDENCE</b>	SHEET: 3 OF 6
DATE: 5-9-06		CAD FILE: 06020
DRAWN: T A D		REV:
CHECK: T A D		REV:

PREPARED BY:  
**TIM DELBENE**  
Drafting + Technical Services  
142 SW Sagewood Cir. Lake City, FL 32024  
Phone (386) 755-5891



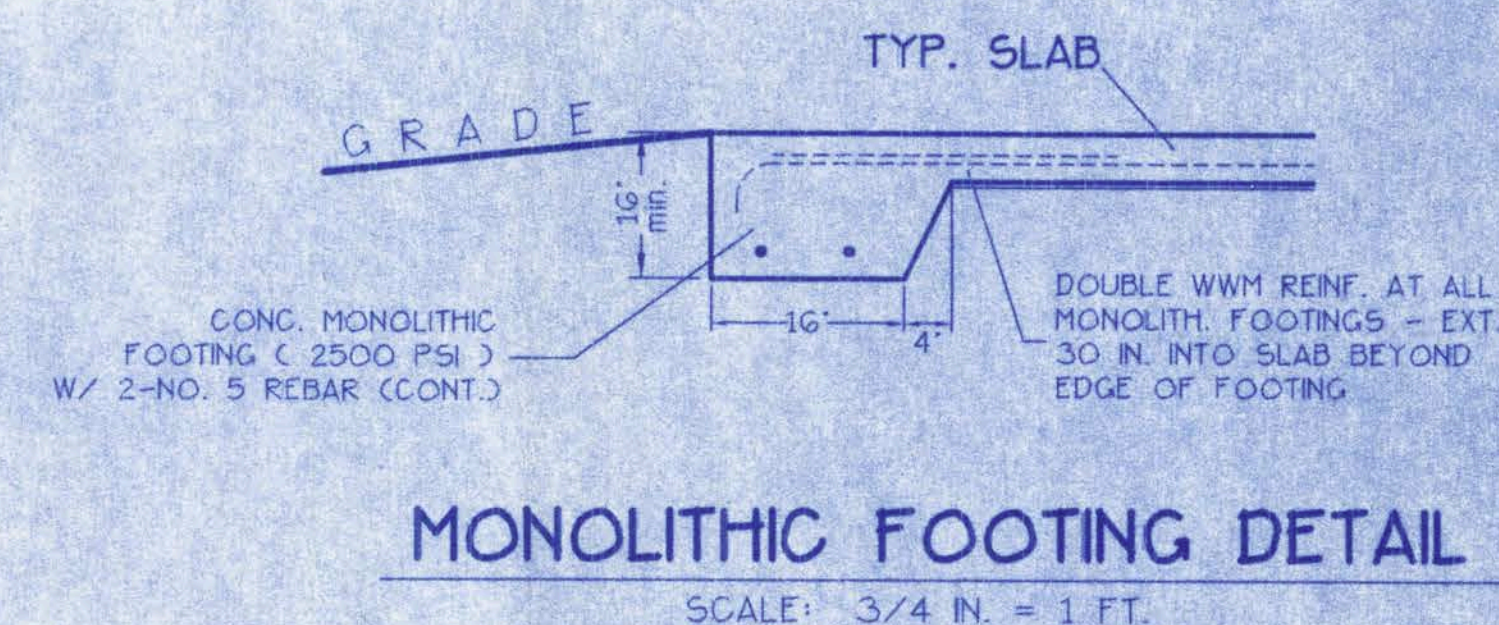
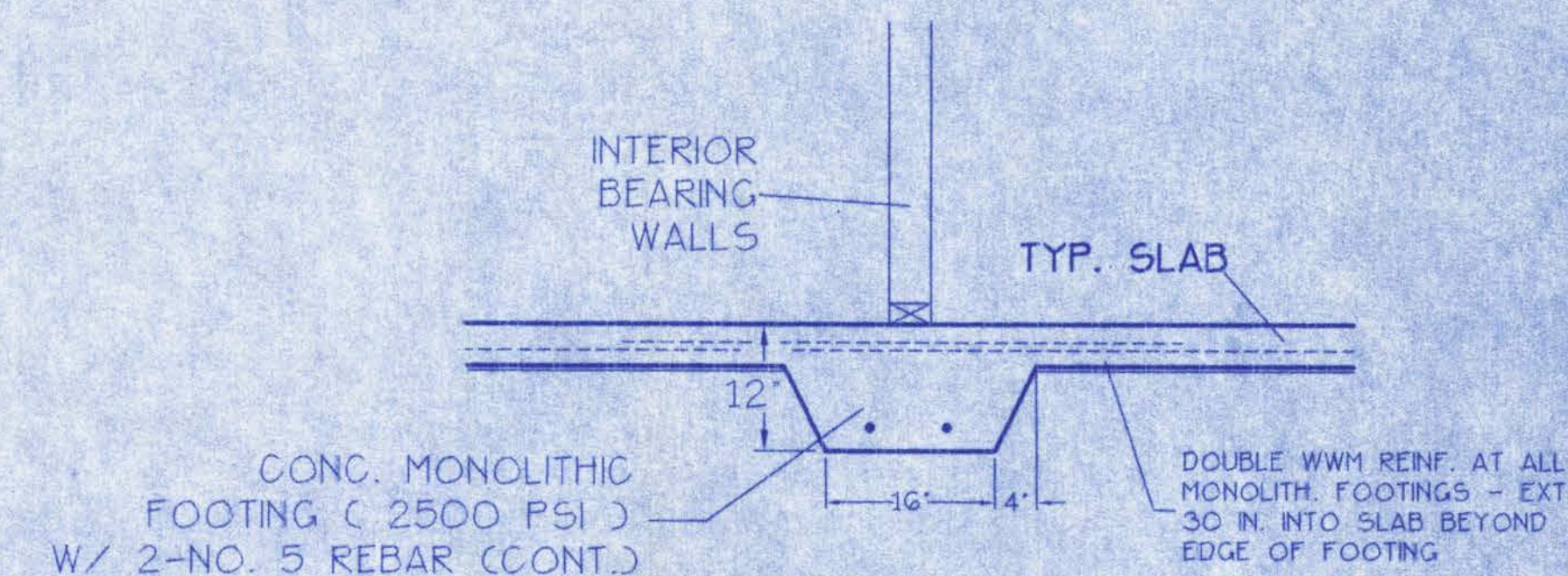
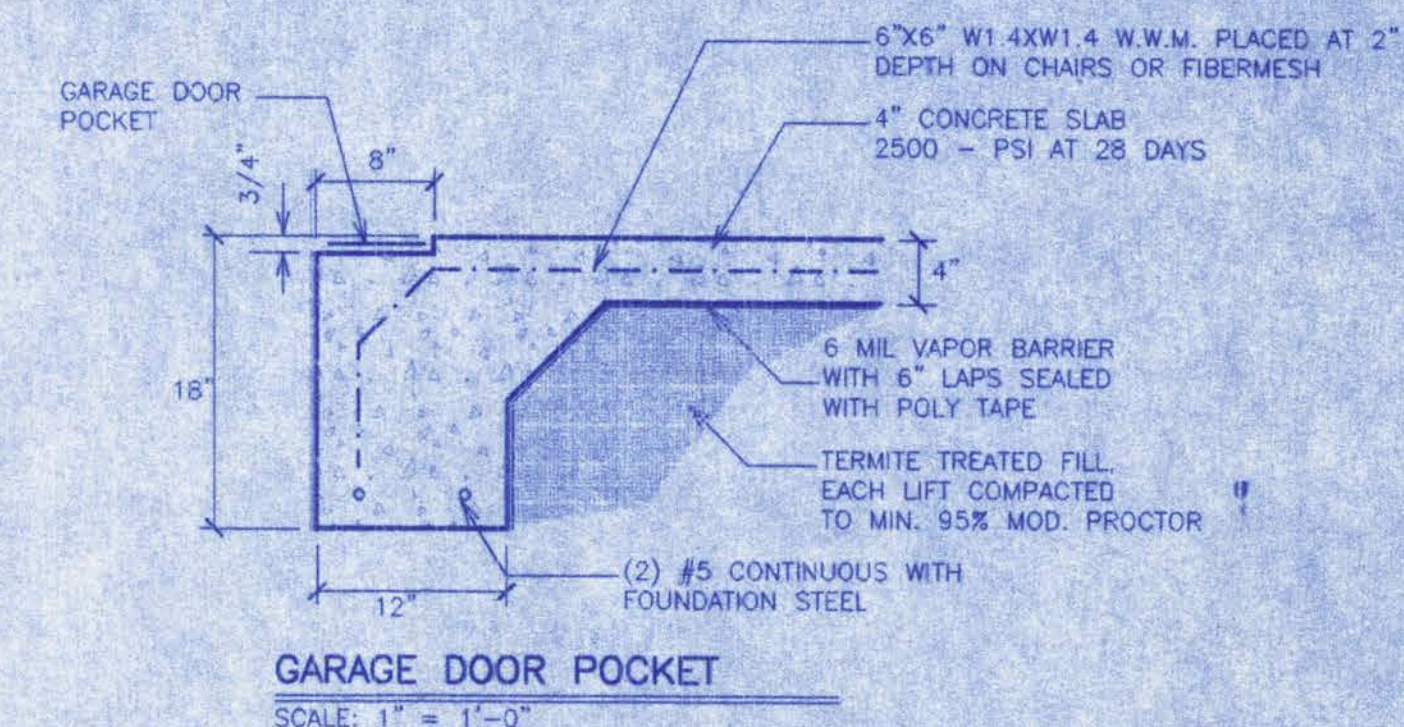
# **FOUNDATION NOTES:**

- CONTRACTOR SHALL EXAMINE ROOF TRUSS PLAN ( BY SUPPLIER ) TO DETERMINE ANY ADDITIONAL BEARING REQUIREMENTS BEFORE FINALIZING THE FOUNDATION PLAN.
- ALL CONCRETE IS 2500 PSI STRENGTH ( MIN. )
- SEE FLOOR PLAN FOR DIMENSIONS
- SITE ANALYSIS AND PREPARATION DATA IS NOT A PART OF THIS PLAN AND IS THE RESPONSIBILITY OF THE CONTRACTOR / OWNER.



## **FOUNDATION PLAN**

SCALE: 1/4 IN. = 1 FT.



WINDLOAD ENGINEER: Huey Hawkins, PE No. 33665 - 6855 SW Elm Church Rd., Fort White, FL 32038 - 386-497-3991

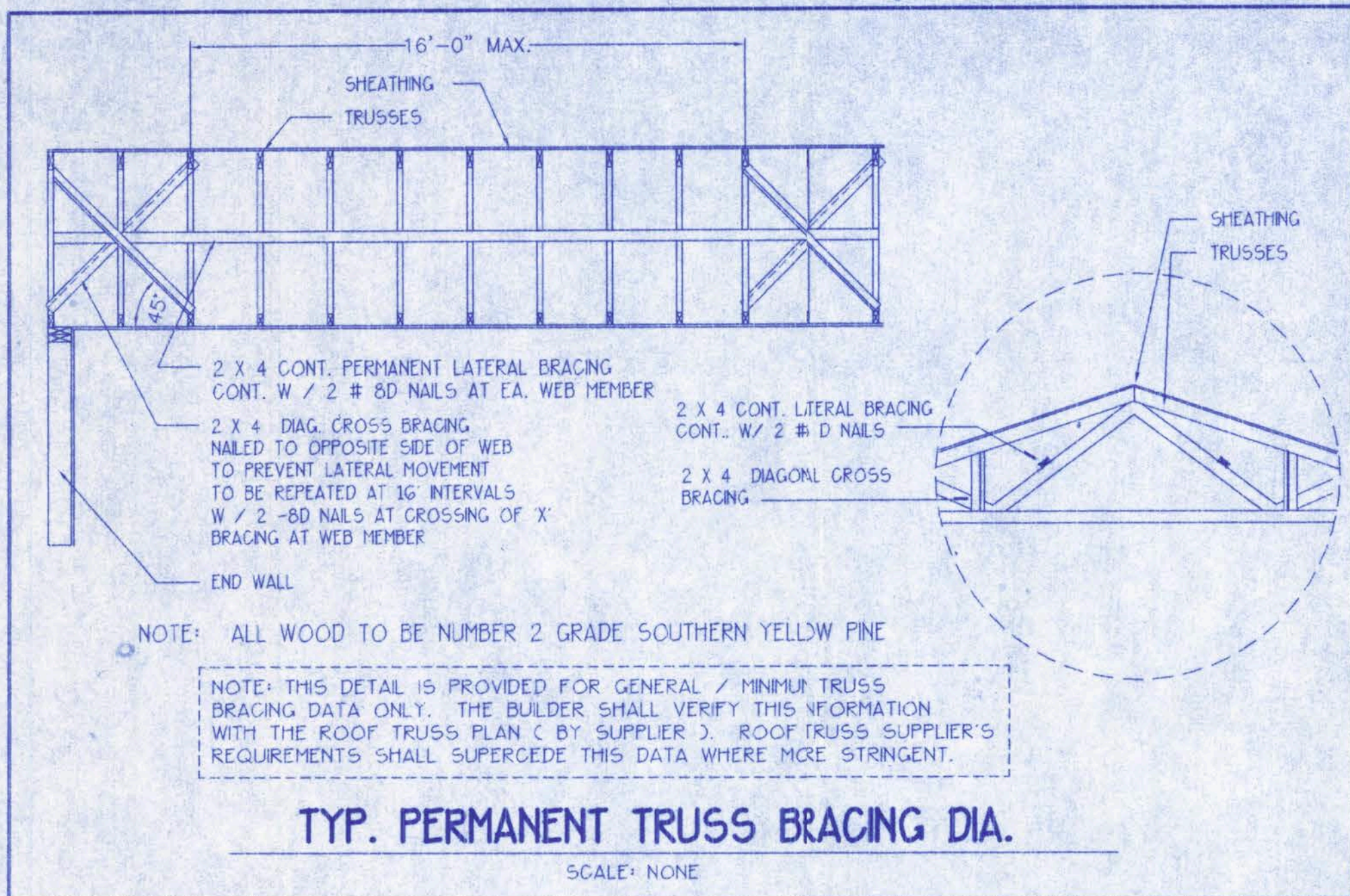
CERTIFICATION: These plans and windload engineering, comply with Florida Building Code Res. 2004 Sec. R301.2.1, to the best of my knowledge.

SIGNED: *[Signature]* DATE: 6/10/2006

312 SW TRAYER COURT  
FT. WHITE, FLORIDA

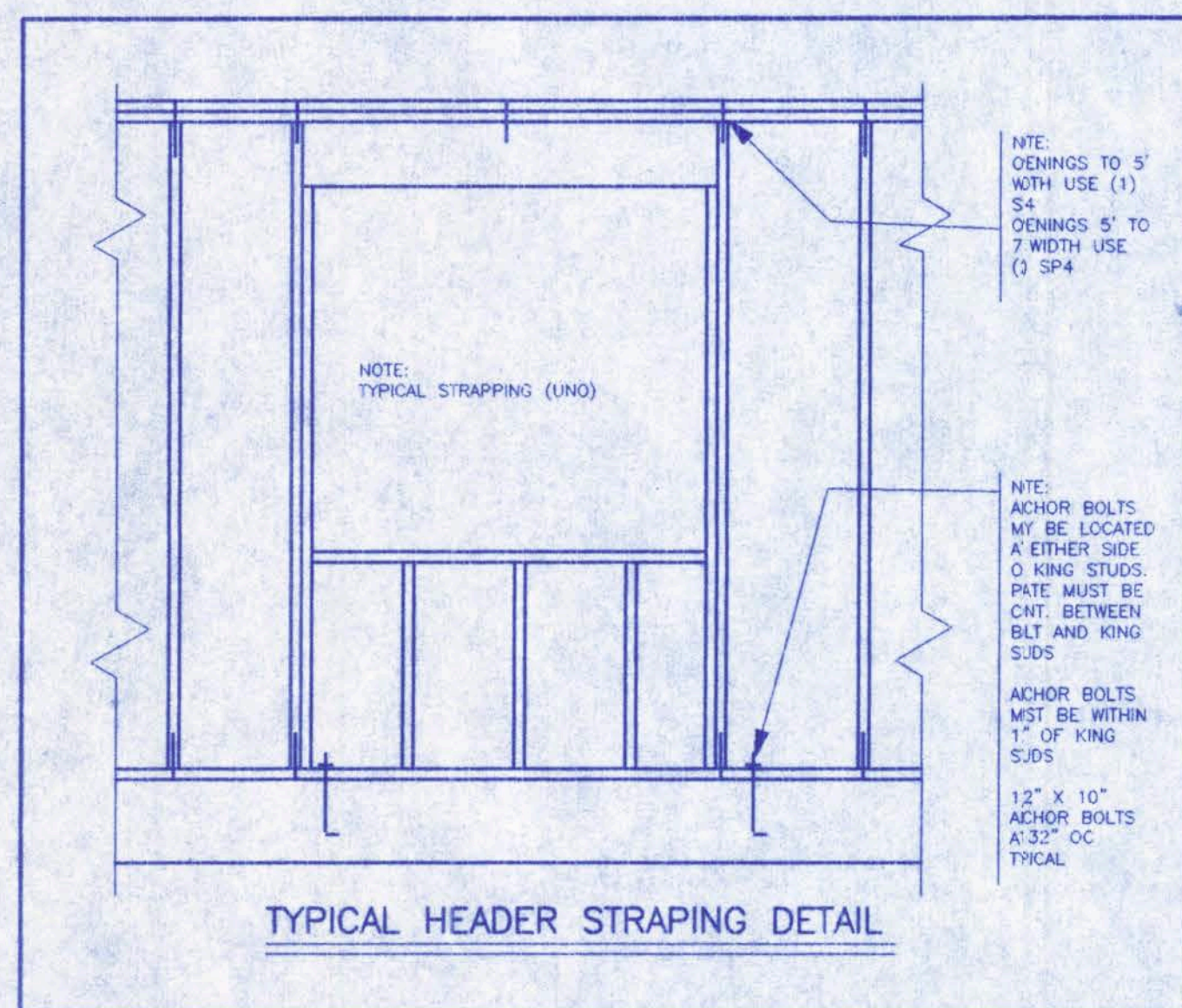
FILE: OG-020	<b>HAWKINS RESIDENCE</b>	SHEET: 4 OF 6
DATE: 5-9-06		CAD FILE: OG020
DRAWN: T A D	PREPARED BY: <b>TIM DELBENE</b> Drafting + Technical Services	REV:
CHECK: T A D	142 SW Sagewood Cir. Lake City, FL 32024 Phone: ( 386 ) 755-5841	REV:





#### ENGINEER'S NOTES:

- This report establishes the minimum requirements for wind load stability. It is the owner/builder's responsibility to provide materials and construction techniques, which comply with SBC requirements for stated wind velocity. It is the builder's responsibility to provide a continuous load path from trusses to foundation.
- Since truss engineering was not complete at the time of this analysis, it is the owner's responsibility to select uplift connections based on truss engineering uplift and provide footings for interior bearing walls. Builder is to furnish truss engineering to wind load engineer for review of truss reactions on the building structure. Strap 2x6 rafters with min uplift connection 415lb each end, 2x8 rafters 700lb each end.
- Site analysis and preparation information is not part of this plan and is responsibility of the owner. All foundations and footings are designed for stable soil conditions with 1000 psf bearing capacity. It is the owner's / builder's responsibility to verify soil and clean fill are compacted to provide 1000 psf minimum bearing capacity or to request foundation design based on actual site conditions.
- Manufacturers and product number for connectors, anchors, and reinforcement exist for example not endorsement. An equivalent device of the same or other manufacturer can be substituted for any devices listed in the example tables as long as it meets the required load capacities. Manufacturer's installation instructions must be followed to achieve rated loads.
- Anchor bolts - A-307. Minimum embedment: 7" in concrete or reinforced bond beam 15" in grouted CMU.
- Concrete - Minimum compressive strength,  $f_c = 2500$  psi.
- Rebar - Grade 40 deformed bars,  $f_y = 36$ ksi. All laps 40xDb (25" for #5) unless otherwise specified.
- Nails - All nails are common nails unless otherwise specified or accepted by SBC test reports as having equal structural values.



#### DESIGN DATA

WIND LOADS ARE PER FLORIDA BUILDING CODE 2001, SECTION 1606.2	
(FOR ENCLOSED SIMPLE DIAPHRAGM BUILDINGS WITH FLAT, HIPPED AND GABLE-SHAPED ROOFS HAVING A MEAN ROOF HEIGHT NOT EXCEEDING THE LEAST HORIZONTAL DIMENSION OF THE BUILDING FOR 80 FT. NOT SITED ON THE UPPER HALF OF A HILL OR ESCARPMENT 80 FT IN EXPOSURE B, 30 FT IN EXPOSURE C AND >10% SLOPE AND UNOBSTRUCTED UPWIND FOR 50x HEIGHT OR 1 MILE WHICHEVER IS LESS)	
BUILDING IS NOT IN THE HIGH VELOCITY HURRICANE ZONE	
BUILDING IS NOT IN THE WIND-BORNE DEBRIS REGION	
1.) BASIC WIND SPEED = 110 MPH	
2.) WIND IMPORTANCE FACTOR = 1	
3.) BUILDING CATEGORY = II	
4.) INTERNAL PRESSURE COEFFICIENT = N/A (ENCLOSED BUILDING)	
5.) COMPONENTS AND CLADDING DESIGN WIND PRESSURES: (DOORS & WINDOWS) +21.8 / -29.1 PSF GARAGE DOOR N/A 9x7 +19.3 / -22.2 PSF; 16x7, +18.5 / -20.8	
DESIGN LOADS	
FLOOR	40 PSF (ALL OTHER DWELLING ROOMS)
	30 PSF (SLEEPING ROOMS)
	30 PSF (ATTICS WITH STORAGE)
	10 PSF (ATTICS WITHOUT STORAGE, <3:12)
ROOF	20 PSF (FLAT OR <4:12)
	16 PSF (4:12 TO <12:12)
	12 PSF (12:12 AND GREATER)
STAIRS	40 PSF (ONE & TWO FAMILY DWELLINGS)
NO SNOW LOAD	
WIND LOADS ARE PER FLORIDA BUILDING CODE 2001, SECTION 1606.2	

#### ROOF SYSTEM DESIGN

THE SEAL ON THESE PLANS FOR COMPLIANCE WITH FBC 2001, SECTION 1606 IS BASED ON REACTIONS, UPLIFTS, AND BEARING LOCATIONS IN TRUSS ENGINEERING SUBMITTED TO THE WIND LOAD ENGINEER. IT IS THE RESPONSIBILITY OF THE BUILDER TO CHECK ALL DETAILS OF THE COMPLETE ROOF SYSTEM DESIGN SUBMITTED BY THE TRUSS MANUFACTURER AND HAVE IT SIGNED AND SEALED BY A DESIGN PROFESSIONAL FOR CORRECT APPLICATION OF FBC 2001 REQUIRED LOADS AND ANY SPECIAL LOADS. THE BUILDER IS RESPONSIBLE TO REVIEW EACH INDIVIDUAL TRUSS MEMBER AND THE TRUSS ROOF SYSTEM AS A WHOLE AND TO PROVIDE RESTRAINT FOR ANY LATERAL BRACING. THE BUILDER SHOULD USE CARE CHECKING THE ROOF DESIGN BECAUSE THE WIND LOAD ENGINEER IS SPECIFICALLY NOT RESPONSIBLE FOR THE TRUSS LAYOUT WHICH WAS CREATED BY THE TRUSS MANUFACTURER AND THE TRUSS DESIGNER ALSO DENIES RESPONSIBILITY FOR THE LAYOUT PER NOTES ON THEIR SEALED TRUSS SHEETS.

#### BUILDER'S RESPONSIBILITY:

THE BUILDER AND OWNER ARE RESPONSIBLE FOR THE FOLLOWING, WHICH ARE SPECIFICALLY NOT PART OF THE WIND LOAD ENGINEER'S SCOPE OF WORK.	
CONFIRM SITE CONDITIONS, FOUNDATION BEARING CAPACITY, GRADE AND BACKFILL HEIGHT, WIND SPEED AND DEBRIS ZONE, AND FLOOD ZONE.	
PROVIDE MATERIALS AND CONSTRUCTION TECHNIQUES, WHICH COMPLY WITH FBC 2001 REQUIREMENTS FOR THE STATED WIND VELOCITY AND DESIGN PRESSURES.	
PROVIDE A CONTINUOUS LOAD PATH FROM TRUSSES TO FOUNDATION. IF YOU BELIEVE THE PLAN OMMITS A CONTINUOUS LOAD PATH CONNECTION, CALL THE WIND LOAD ENGINEER IMMEDIATELY.	
VERIFY THE TRUSS MANUFACTURER'S SEALED ENGINEERING INCLUDES TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS. SELECT UPLIFT CONNECTIONS AND PROVIDE FOOTINGS BASED ON TRUSS ENGINEERING REACTIONS. FURNISH TRUSS ENGINEERING TO WIND LOAD ENGINEER FOR REVIEW OF TRUSS REACTIONS.	

#### TRUSS ANCHOR TABLE

OBTAIN UPLIFT REQ. FROM TRUSS MANUFACTURER'S ENGINEERING					
UPLIFT LBS.	TOP CONNECTOR *			BOTTOM CONNECTOR *	
< 415	H2.5	10-8d	415	NO SPECIAL CONNECTOR REQ.	
< 750	H16	6-10d, 1-1/2"	750	NO SPECIAL CONNECTOR REQ.	
< 905	H10	16-8d, 1-1/2"	905	NO SPECIAL CONNECTOR REQ.	
< 1250	H16	10-10d, 1-1/2"	1250	SPH4 W/10-10d, 1-1/2" + 1/2" AB	970
< 1245	HTS20	24-10d, 1-1/2"	1245	LTT19 W/8-16d + 1/2" AB	1080
< 2490	2-HTS20	24-10d, 1-1/2"	2490	HD2A-2.5", 5/8" AB	2565

UPLIFT GREATER THAN 2500 LBS. REQUIRES ENGINEERING APPROVAL

\* MODEL NUMBERS SHOWN ARE FOR SIMPSON CONNECTORS. THESE ARE LISTED AS EXAMPLES + NOT FOR ENDORSEMENT. OTHER MANUFACTURER'S CONNECTORS WITH SUFFICIENT LOAD CAPACITY MAY BE SUBSTITUTED. FOLLOW MANUFACT. INSTRUCTIONS.

#### WALL STUD TABLE

STUDS ARE SPRUCE/PINE/FIR AT 16 IN. O.C.

1 - 2 X 4	TO 10 FT. WALL HEIGHT
2 - 2 X 4	TO 12.5 FT. WALL HEIGHT
3 - 2 X 4	TO 16.5 FT. WALL HEIGHT
1 - 2 X 6	TO 16 FT. WALL HEIGHT
2 - 2 X 6	TO 21 FT. WALL HEIGHT

TOP PLATE IS 2 - 2 X 4 (OR 2 X 6) SPRUCE/PINE/FIR.  
BOTTOM PLATE IS 2 X 4 (OR 2 X 6) PRESS. TREATED BEARING ON FOUNDATION WALL.

#### ATTIC VENTILATION

Enclosed attics and enclosed rafter spaces formed where ceilings are applied directly to the underside of roof rafters shall have cross ventilation for each separate space by ventilating openings protected against the entrance of rain. Ventilating openings shall be provided with corrosion-resistant wire mesh, with 1" / 8 inch (3.2 mm) minimum to 1/4 inch (6.4 mm) maximum openings.

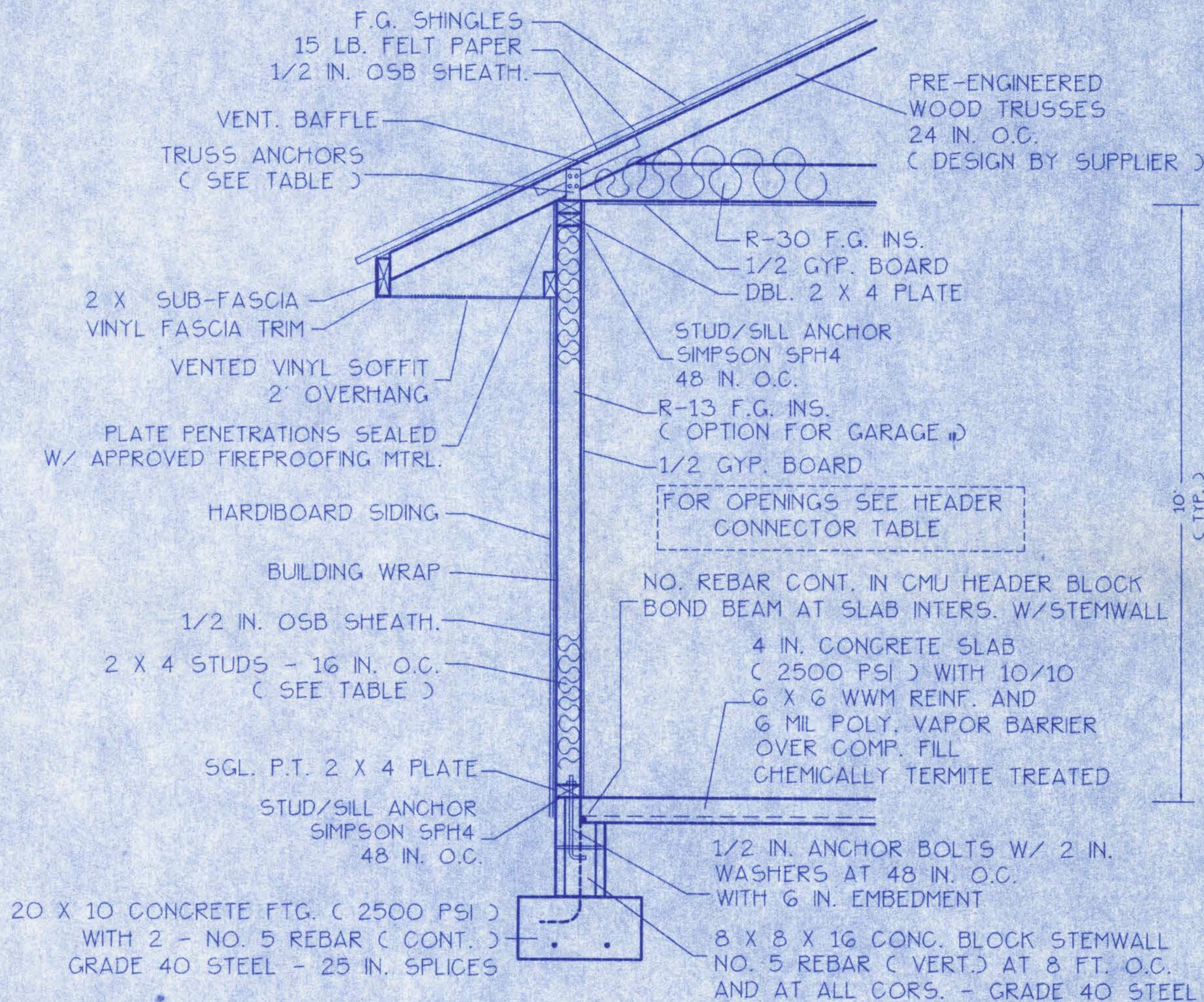
The total net free ventilating area shall not be less than 1 to 150 of the area of the space ventilated except that the total area is permitted to be reduced to 1 to 300, provided at least 50 percent and not more than 80 percent of the required ventilating area is provided by ventilators located in the upper portion of the space to be ventilated at least 3 feet (914 mm) above eave or cornice vents, with the balance of the required ventilation provided by eave or cornice vents.

#### 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.

#### SHEATHING NAILING

WALLS - 4 IN. O.C. EDGES, 8 IN. O.C. FIELD FULLY BLOCKED, CONT. FROM TOP TO BOTTOM PLATE.  
ROOF - 4 IN. O.C. EDGES, 8 IN. O.C. FIELD UNBLOCKED.



#### TYPICAL WALL SECTION

SCALE: 3/4 IN. = 1 FT.

WINDLOAD ENGINEER: Huey Hawkins, PE No. 33665 - 6855 SW Elm Church Rd., Fort White, FL 32038 - 386-497-3991

CERTIFICATION: These plans and windload engineering, comply with Florida Building Code Res. 2004 Sec. R301.2.1, to the best of my knowledge.

SIGNED: *Huey Hawkins* DATE: 6/12/2006

312 SW TRAVER COURT  
FT. WHITE, FLORIDA

FILE: OG-020	<b>HAWKINS RESIDENCE</b>	SHEET: 5 OF 6
DATE: 5-9-06		CAD FILE: OG020
DRAWN: T A D		REV:
CHECK: T A D		REV:
PREPARED BY: <b>TIM DELBENE</b> Drafting + Technical Services 192 SW Sagewood Gln, Lake City, FL 32024 Phone: (386) 755-5891		



# ELECTRICAL PLAN NOTES

-WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.

-CONSULT THE OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.

-ALL INSTALLATIONS SHALL BE PER IATL. 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.

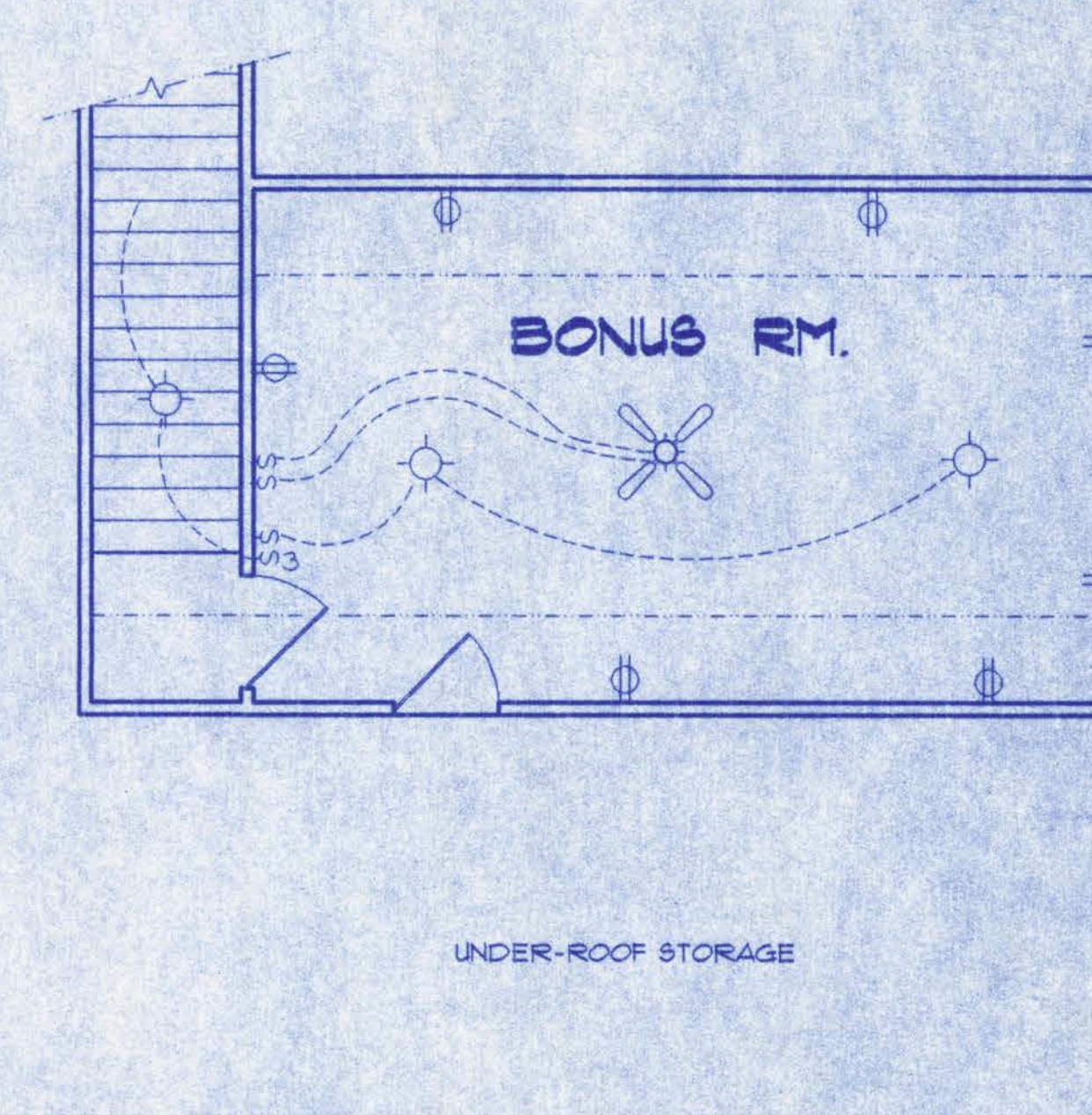
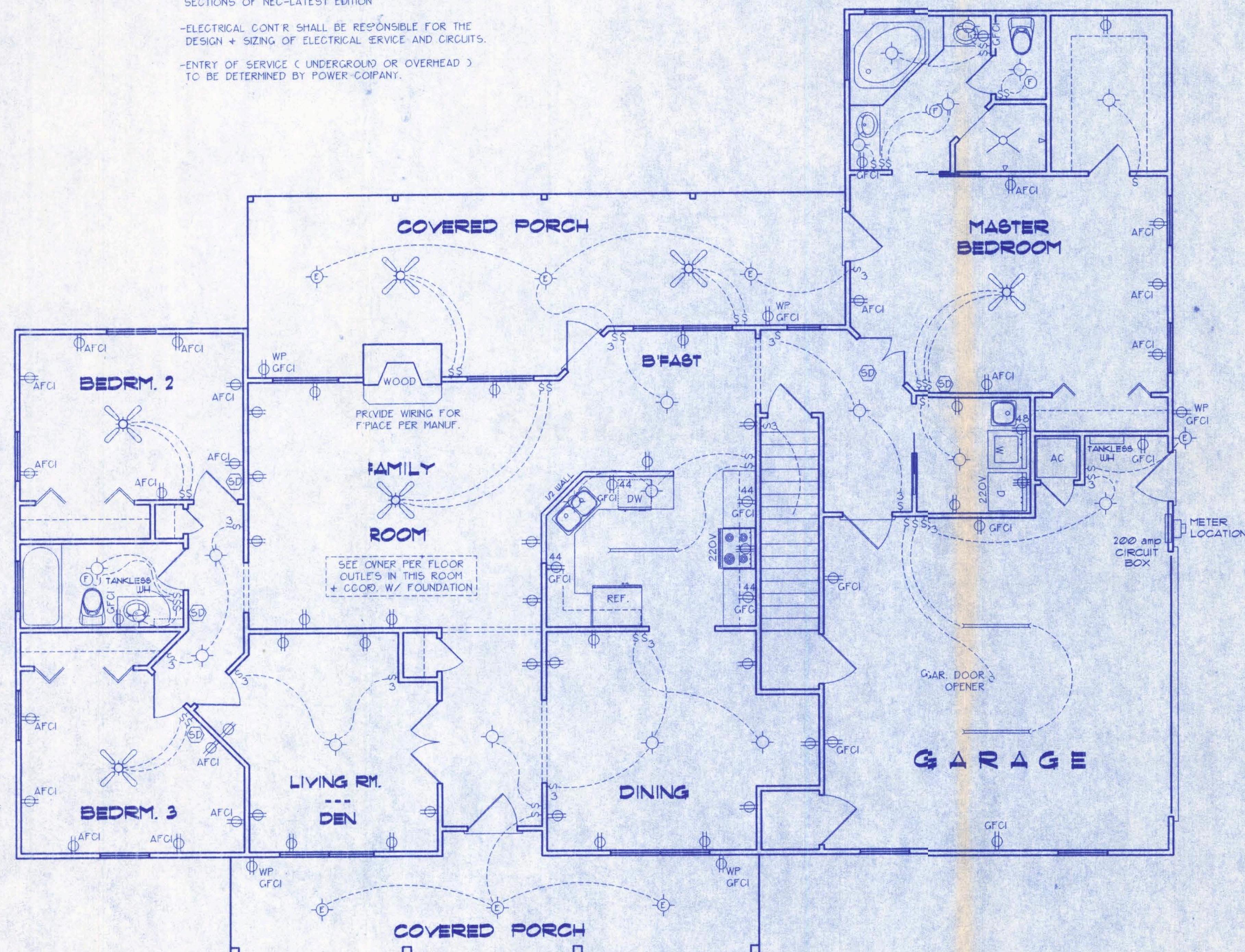
-TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, + IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

-ELECTRICAL CONTR. SHALL BE RESPONSIBLE FOR THE DESIGN + SIZING OF ELECTRICAL SERVICE AND CIRCUITS.

-ENTRY OF SERVICE ( UNDERGROUND OR OVERHEAD ) TO BE DETERMINED BY POWER COMPANY.

## ELECTRICAL SYMBOL LEGEND

	= FLOURESCENT LIGHTING FIXTURE.
	= CEILING LIGHT FIXTURE
	= EXTERIOR LIGHTING FIXTURE
	= LIGHT SWITCH.
	= THREE-WAY SWITCH.
	= 110 V. DUPLEX OUTLET.
	= SPECIAL HEIGHT 110 V. DUPLEX OUTLET
	= GROUND FAULT CIR. OUTLET
	= ARC FAULT CIR. OUTLET
	= 110 V. SINGLE RECEPTACLE OUTLET.
	= 220 VOLT OUTLET ( 4 WIRE )
	= FAN LOCATION ( CEILING )
	= FAN LOCATION ( EXHAUST )
	= SMOKE DETECTOR



## ELECTRICAL PLAN

NOT TO SCALE

312 SW TRAYER COURT  
FT. WHITE, FLORIDA

FILE: OG-020	<b>HAWKINS RESIDENCE</b>	SHEET: 6 OF 6
DATE: 5-9-06		CAD. FILE: OG020
DRAWN: T A D	PREPARED BY: <b>TIM DELBENE</b> Drafting + Technical Services	REV:
CHECK: T A D	192 SW Segewood Ln. Lake City, FL 32024 Phone: (386) 755-5891	REV: