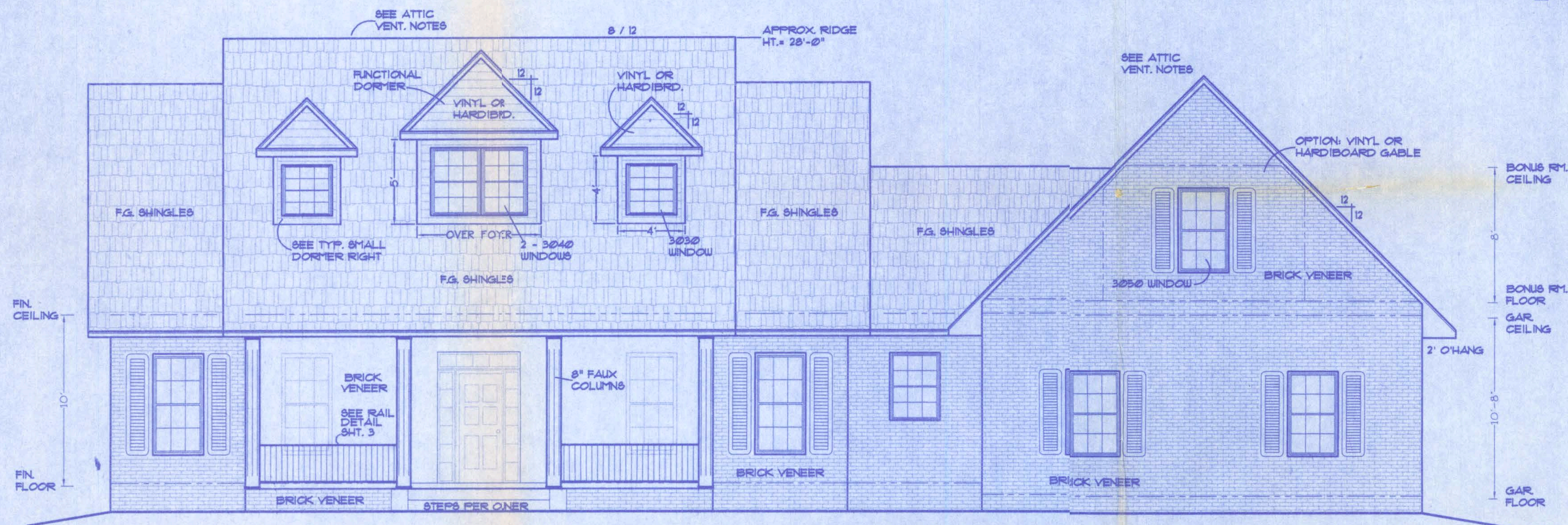


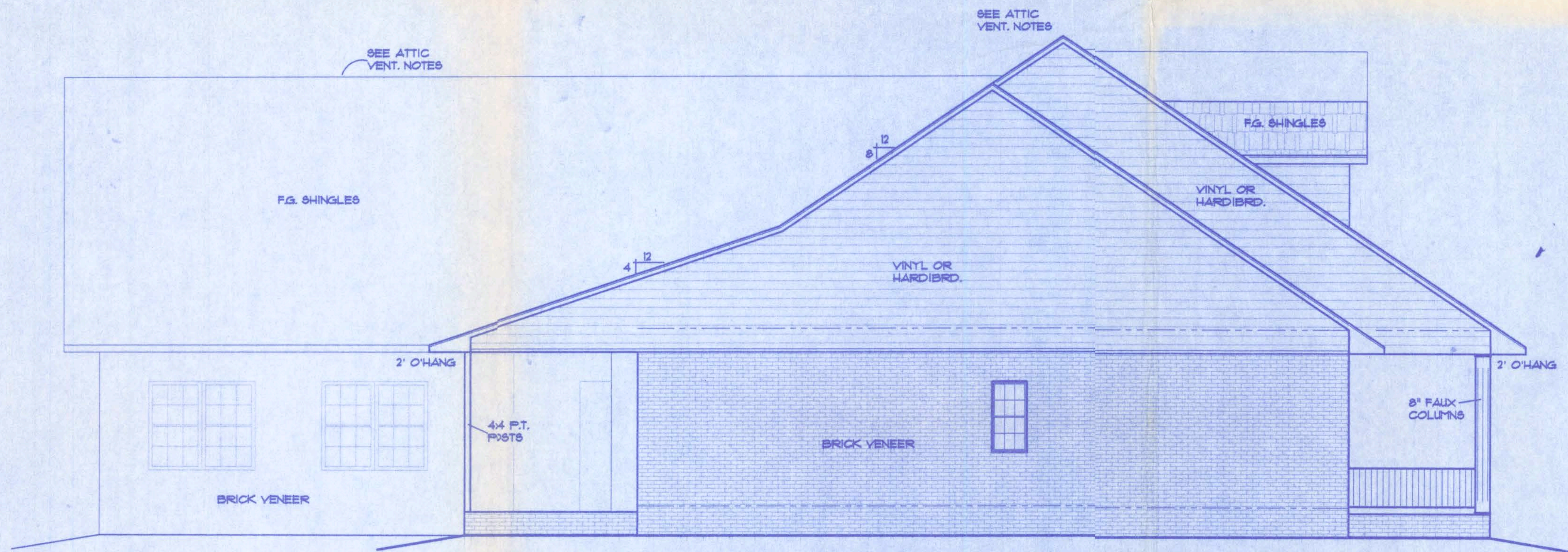
Office Copy

Office Copy

# Turbeville Residence



FRONT ELEVATION  
SCALE: 1/4 IN. = 1 FT.

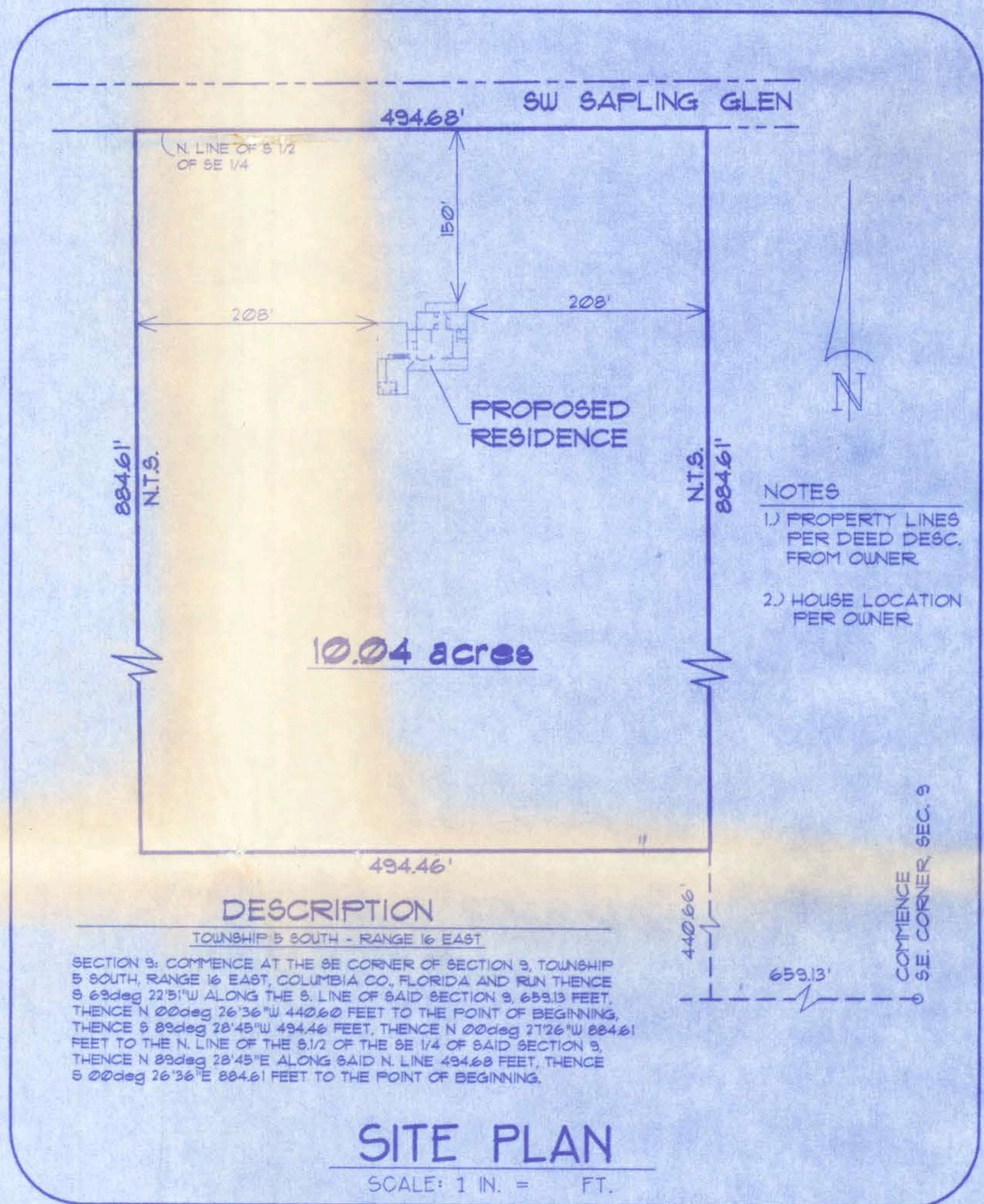


LEFT ELEVATION  
SCALE: 1/4 IN. = 1 FT.

## 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 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.



## Index to Sheets

- SHEET A-1 - - - - - SITE PLAN + ELEVATIONS
- SHEET A-2 - - - - - ELEVATIONS + WALL SECTION
- SHEET A-3 - - - - - FLOOR PLAN + GEN. NOTES
- SHEET A-4 - - - - - FOUNDATION + SECTIONS
- SHEET A-5 - - - - - ELECTRICAL
- SHEET S-1 - - - - - WIND ENGINEERING

WINDLOAD ENGINEER: Mark Diasoway, PE No.53915, POB 868, Lake City, FL 32056, 386-754-5419

CERTIFICATION: These plans and "Windload Engineering", Sheet S-1, attached, comply with Florida Building Code Residential 2004, Section R301.2.1 to the best of my knowledge.

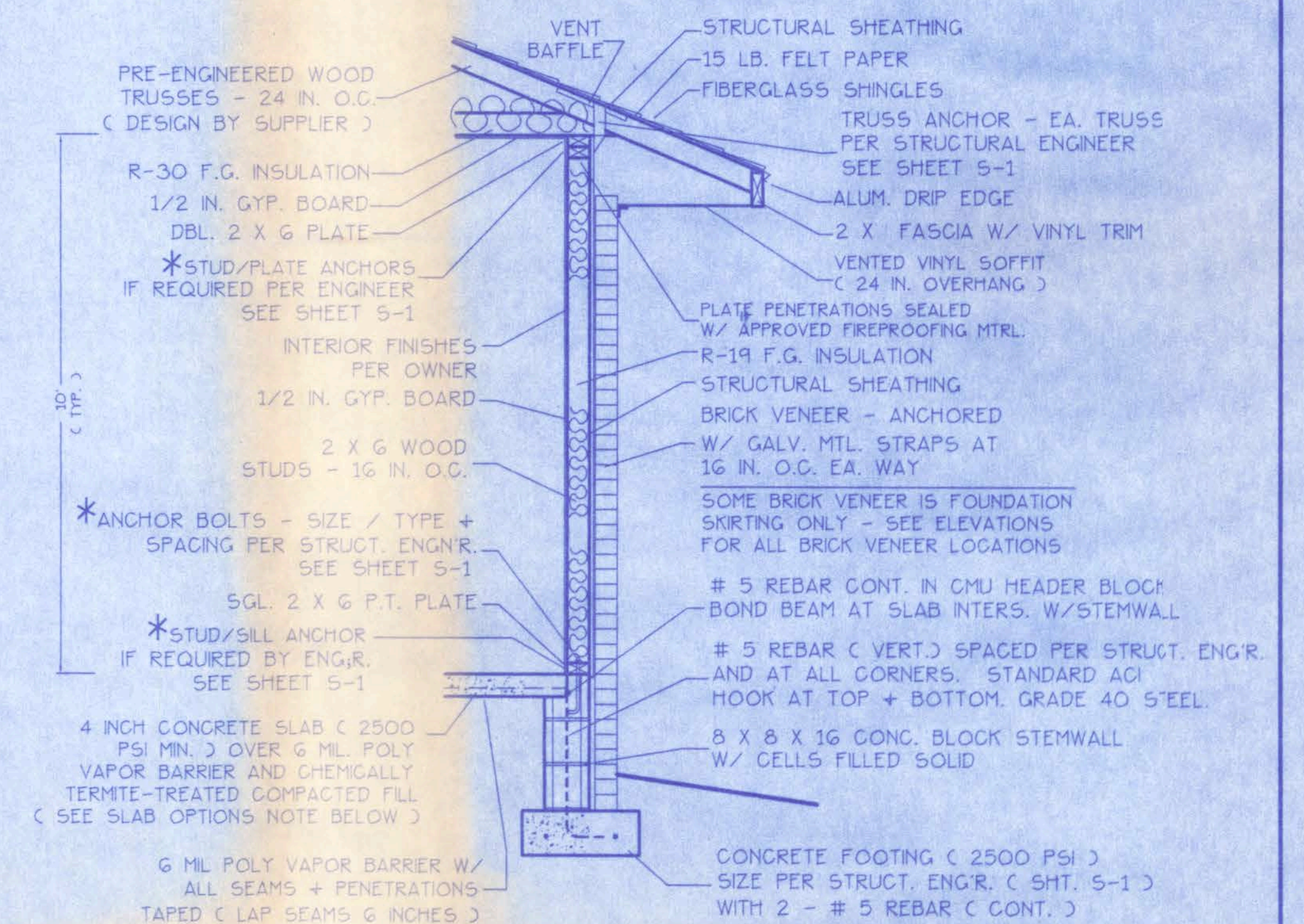
LIMITATION: This design is valid for one building, at specified location, permitted within 90 days of signature date. In case of conflict, structural requirements, scope of work, and builder responsibilities on sheet S-1 control.

Location: SW SAPLING GLEN Job No.:

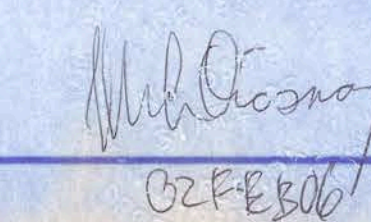
A-1

FILE: OG-012	<b>TURBEVILLE RESIDENCE</b>	SHEET: 1 OF 5
DATE: 1-30-06		CAD FILE: OG012
DRAWN: T A D	PREPARED BY: <b>TIM DELBENE</b> Residential Drafting + Design Rt. 4, Box 330, Lake City, FL 32055 Phone: (904) 755-5891	REV: 2-11-04
CHECK: T A D		REV:



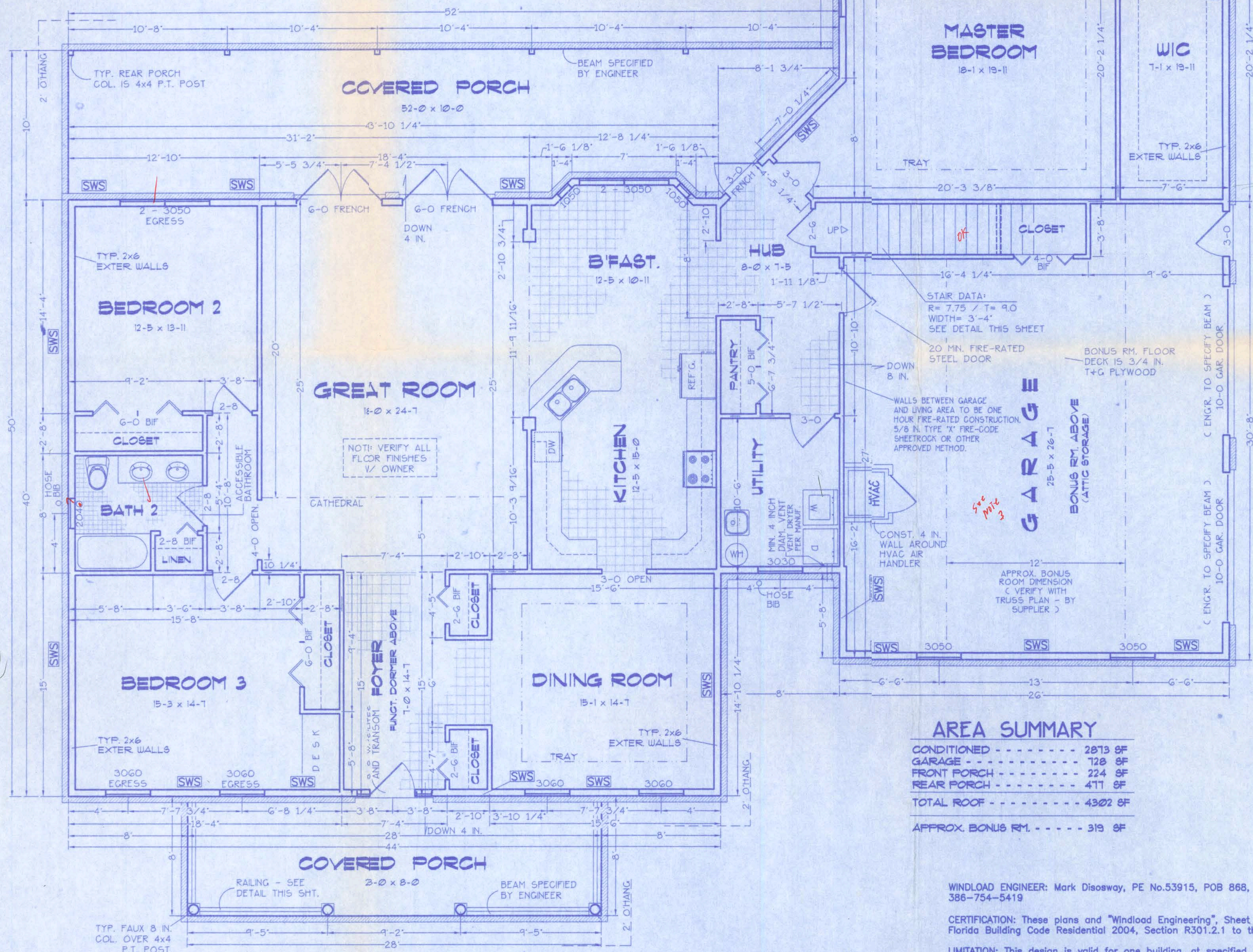
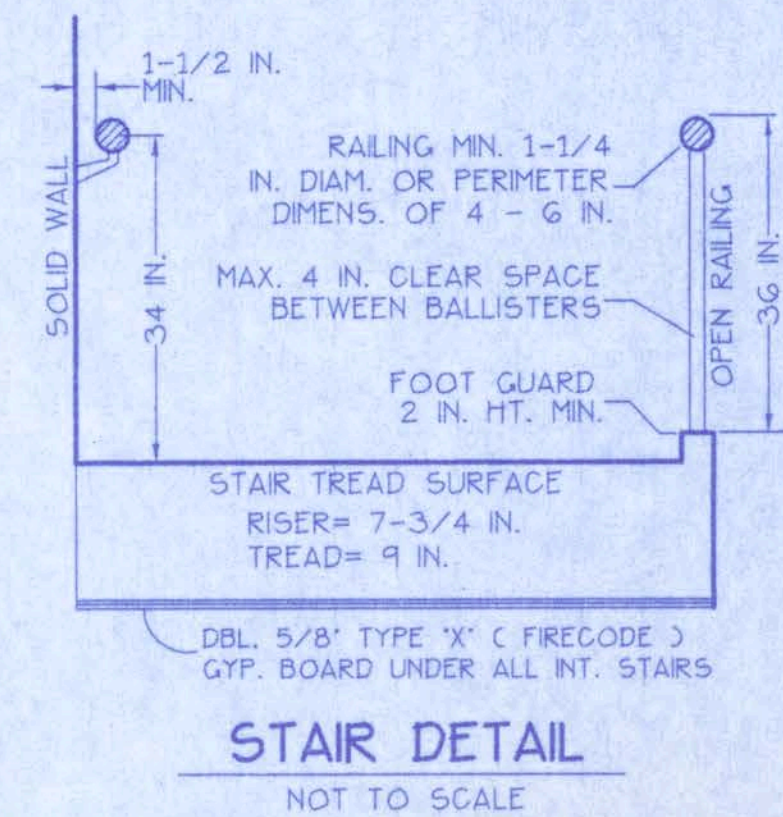
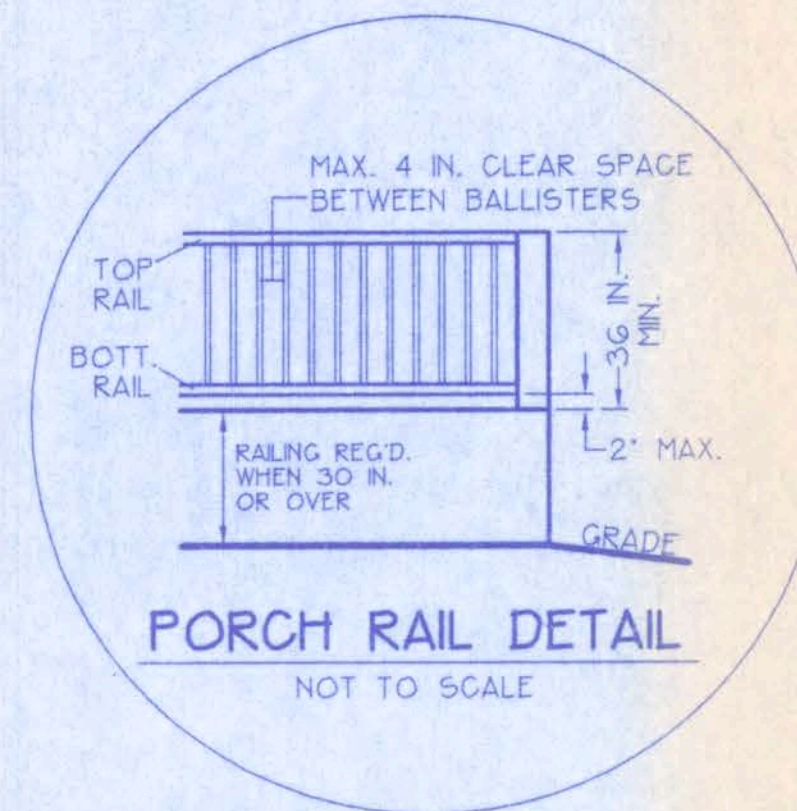


SCALE:  $\frac{3}{4}$  IN. = 1 FT.



FILE: OG-012	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>TURBEVILLE RESIDENCE</b> </div>	SHEET: 2 OF 5
DATE: 1-30-06		GAD FILE: OG012
DRAWN: T A D	PREPARED BY: <b>TIM DELBENE</b> Residential Drafting + Design Rt. 4, Box 330, Lake City, FL 32055 Phone ( 904 ) 755-5841	REV: 2-11-04
CHECK: T A D		REV:





AREA SUMMARY	
CONDITIONED	2873 SF
GARAGE	128 SF
FRONT PORCH	224 SF
REAR PORCH	411 SF
TOTAL ROOF	4302 SF
APPROX. BONUS RM.	319 SF

WINDLOAD ENGINEER: Mark Disoway, PE No.53915, POB 868, Lake City, FL 32056, 386-754-5419

CERTIFICATION: These plans and "Windload Engineering", Sheet S-1, attached, comply with Florida Building Code Residential 2004, Section R301.2.1 to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location, permitted within 90 days of signature date. In case of conflict, structural requirements, scope of work, and builder responsibilities on sheet S-1 control.

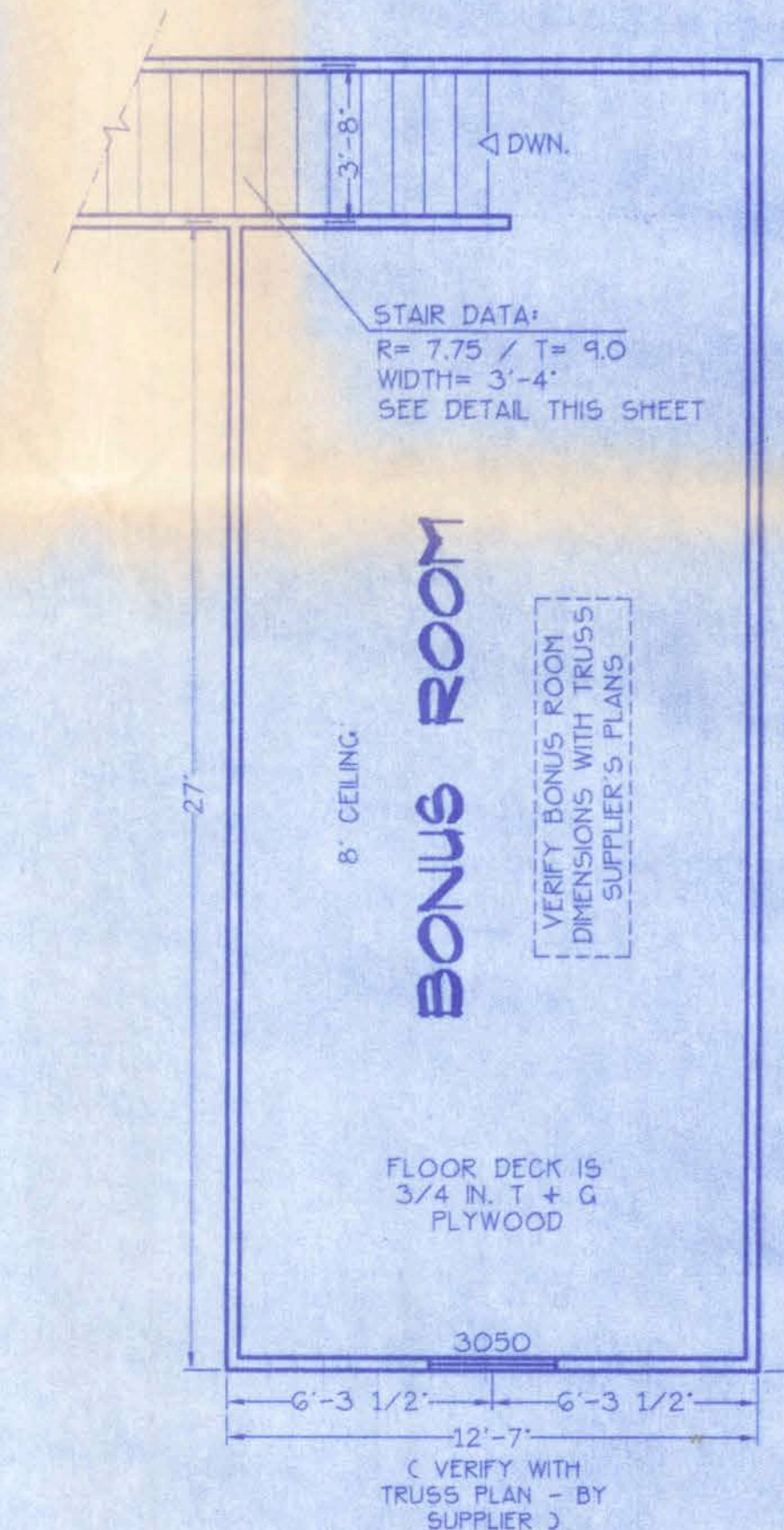
Location: SW SAPLING GLEN

Job No.:

**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.

## GENERAL NOTES

- See "Wind Load Detail Sheet S-1" and Wind Engineer's Notes for data pertaining to Wind Design and compliance w/ Florida Building Code.
- All concrete used to be 2500 PSI strength or greater.
- HVAC duct and unit size/design is by engineered shop drawings from the AC contractor.
- Windows to be alum. framed and double glazed. Sizes shown are nominal and may vary with manufacturer.
- Roof Truss design is the responsibility of the supplier.
- 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 End Modification.
- Site analysis or preparation information is not a part of this plan and is the responsibility of the owner.
- 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.



## BONUS RM.

SCALE: 1/4 IN. = 1 FT.

FILE: OG-012	<b>TURBEVILLE RESIDENCE</b>	SHEET: 3 OF 5
DATE: 1-30-06		CAD FILE: OG012
DRAWN: TAD		REV: 2-11-04
CHECK: TAD		REV:

PREPARED BY:  
**TIM DELBENE**  
Residential Drafting + Design  
Rt. 4, Box 330, Lake City, FL 32055  
Phone (904) 755-5891

**A-3**

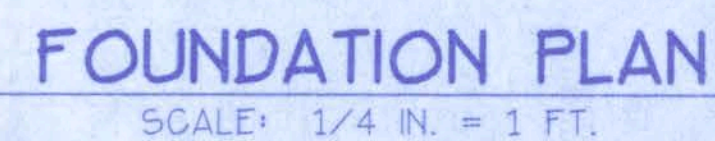
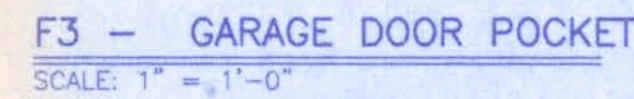
*Handwritten signature and date 02 FEB 06*

## FLOOR PLAN

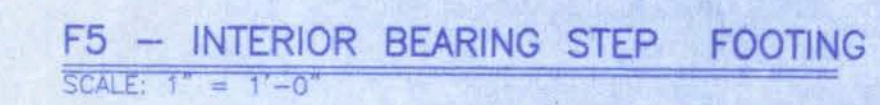
SCALE: 1/4 IN. = 1 FT.



- 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. )
- VERIFY DIMENSIONS WITH FLOOR PLAN
- SITE ANALYSIS AND PREPARATION DATA IS NOT A PART OF THIS PLAN AND IS THE RESPONSIBILITY OF THE CONTRACTOR / OWNER.



Job No.:

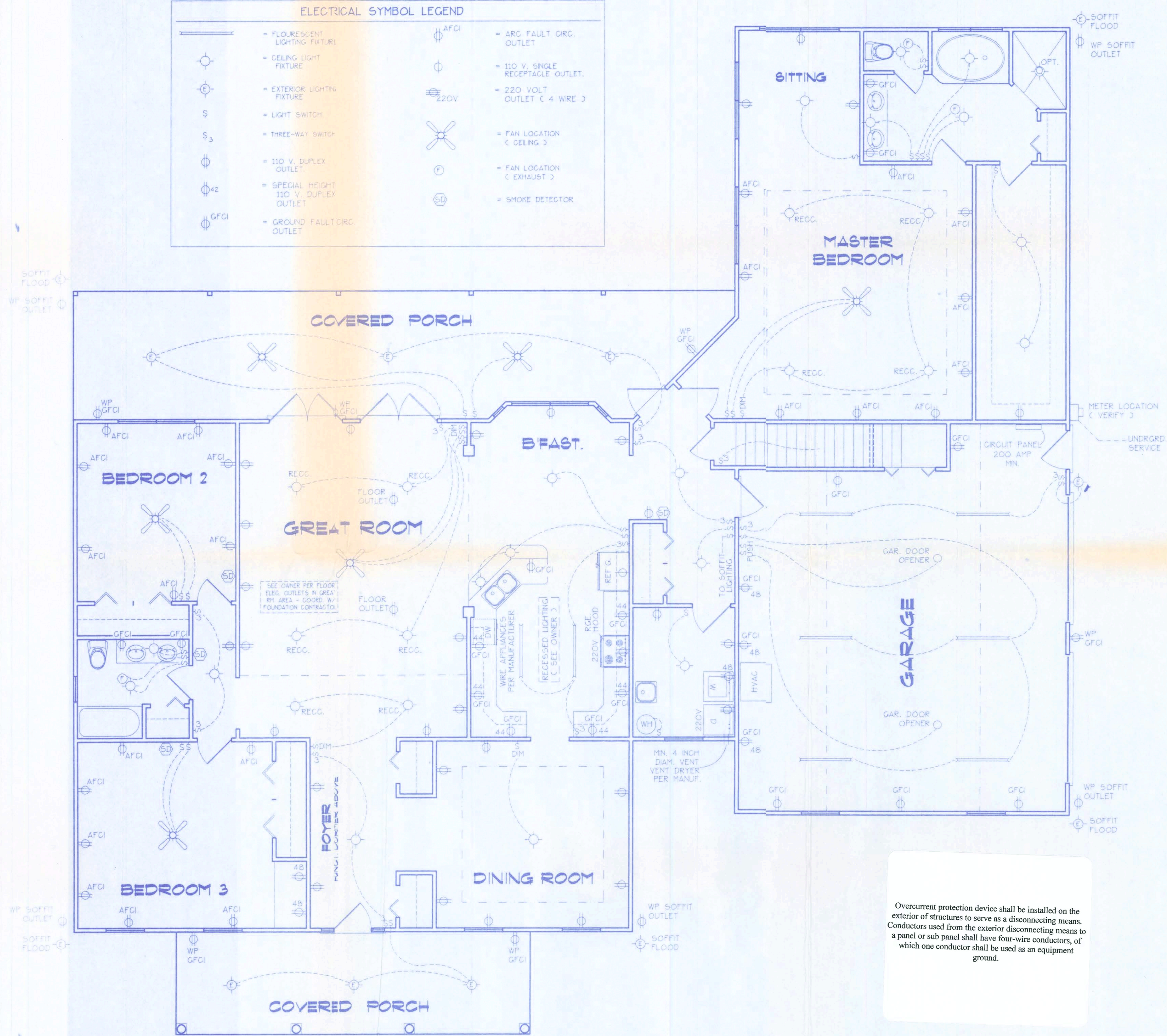


A-4

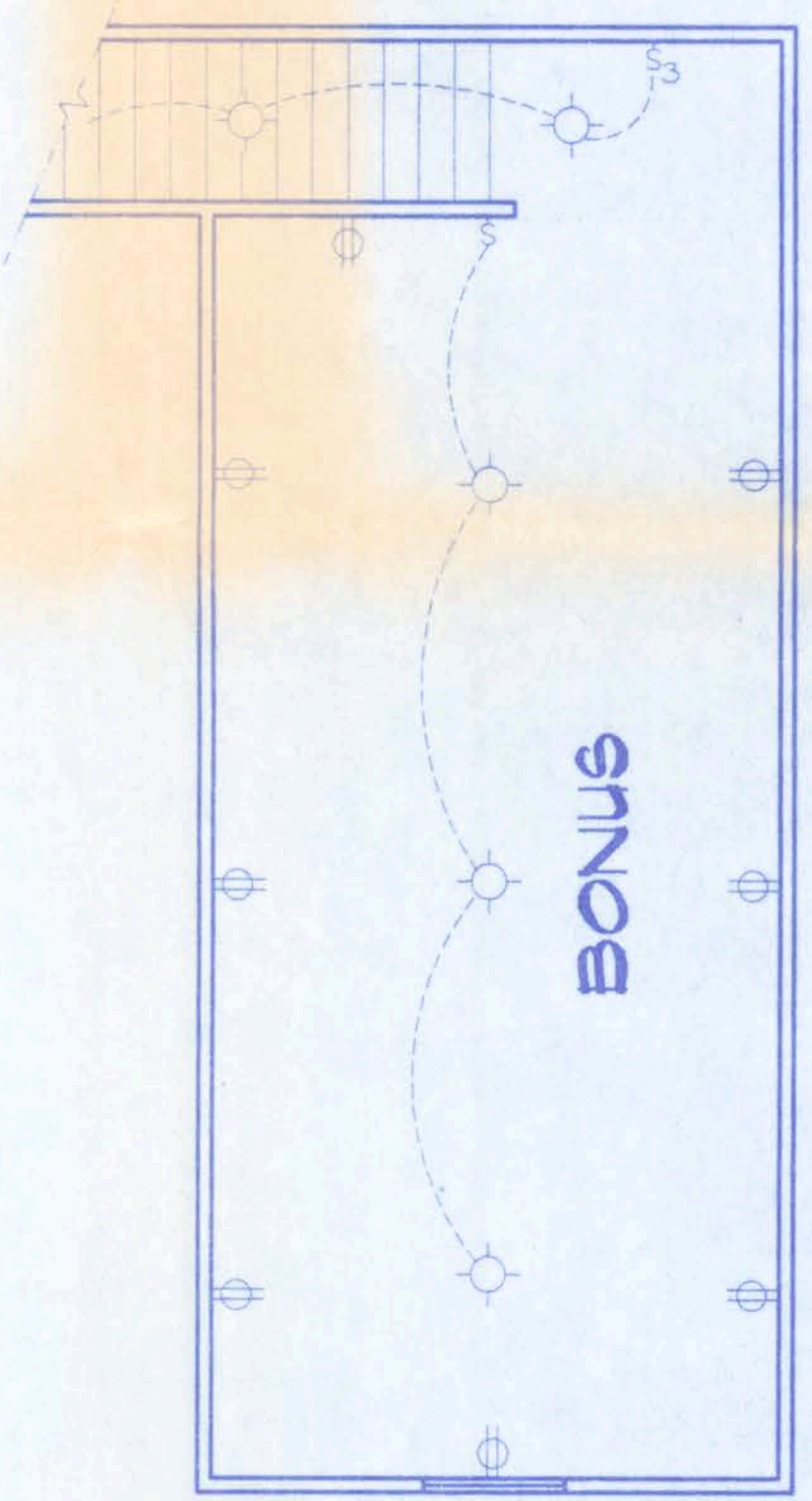
FILE: OG-O12	<h1 style="text-align: center;">TURBEVILLE RESIDENCE</h1>	SHEET: 4 OF 5
DATE: 1-30-OG		CAD FILE: OGO12
DRAWN: T A D	PREPARED BY: <b>TIM DELBENE</b> Residential Drafting + Design Rt. 4, Box 330, Lake City, FL 32055 Phone: ( 904 ) 755-5891	REV: 2-11-O4
CHECK: T A D		REV:



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



- ### 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 INSTALLATIONS 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 BE RESPONSIBLE FOR THE DESIGN + SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
  - ENTRY OF SERVICE ( UNDERGROUND OR OVERHEAD ) TO BE DETERMINED BY POWER COMPANY.



Overcurrent protection device shall be installed on the exterior of structures to serve as a disconnecting means. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

**ELECTRICAL PLAN**  
NOT TO SCALE

SW SAPLING GLEN

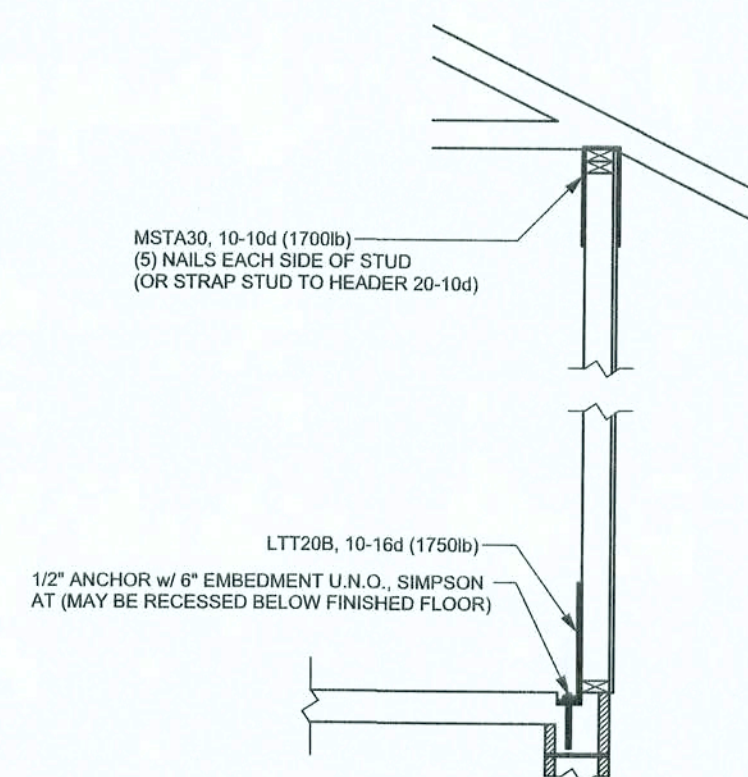
**A-5**

FILE: OG-O12	<b>TURBEVILLE RESIDENCE</b>	SHEET: 5 OF 5
DATE: 1-30-06		CAD FILE: OG012
DRAWN: T A D	PREPARED BY: <b>TIM DELBENE</b> Residential Drafting + Design	REV: 2-11-04
CHECK: T A D	RE: 4, Box 330, Lake City, FL 32055 Phone ( 904 ) 755-5891	REV:

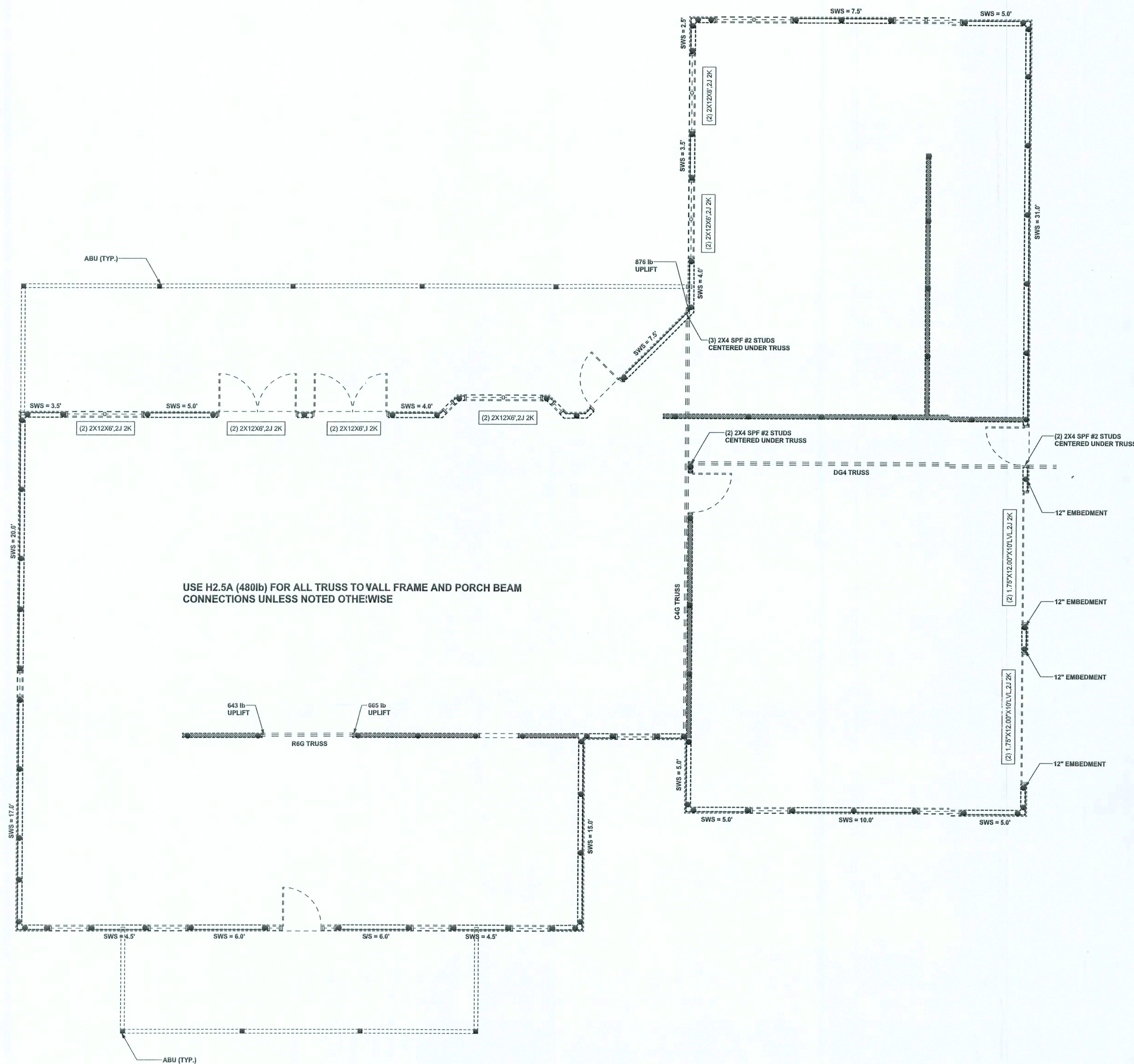


# REVISIONS

SOFTPLAN  
ARCHITECTURAL DESIGN SOFTWARE



ALTERNATE WALL TIE CONNECTION WHERE  
THREADED ROD CANNOT BE PLACED IN WALL.  
SCALE: 1/2" = 1'-0"



USE H2.5A (480lb) FOR ALL TRUSS TO WALL FRAME AND PORCH BEAM  
CONNECTIONS UNLESS NOTED OTHERWISE

## TOTAL SHEAR WALL SEGMENTS

SWS = 0.0' INDICATES SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	41.5'	102.0'
LONGITUDINAL	39.6'	89.5'

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

## STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X12 SYP#2 (U.N.O.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
- SN-3 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- SN-4 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BC31-03, BC31-B1, BC31-B2, & BC31-B3. BC31-B1, BC31-B2, & BC31-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

## WALL LEGEND

SWS = 0.0'	1ST FLOOR EXTERIOR WALL
SWS = 0.0'	2ND FLOOR EXTERIOR
IBW	1ST FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1
IBW	2ND FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1

## THREADED ROD LEGEND

- INDICATES LOCATION OF:  
1ST FLOOR 1/2" A307 ALL THREADED ROD
- INDICATES LOCATION OF:  
2ND FLOOR 1/2" A307 ALL THREADED ROD

## HEADER LEGEND

- HEADER/BEAM CALL-OUT (U.N.O.)
- NUMBER OF KING STUDS (FULL LENGTH)
- NUMBER OF JACK STUDS (UNDER HEADER)
- SPAN OF HEADER
- SIZE OF HEADER MATERIAL
- NUMBER OF PLIES IN HEADER

## Turbeville Residence

ADDRESS:  
Columbia Court, Florida

Mark Disoway P.E.  
P.O. Box 868  
Lake City, Florida 32056  
Phone: (386) 754 - 5419  
Fax: (386) 269 - 4871

PRINTED DATE:  
February 03, 2006

DRAWN BY:  
Evan Beamsley

STRUCTURAL BY:  
Mark Disoway

DESIGNED BY:  
Mark Disoway

FINAL DATE:  
Jan. 30, 2005

JOB NUMBER:  
40202 a

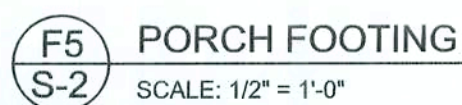
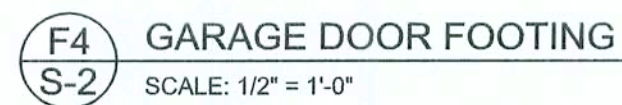
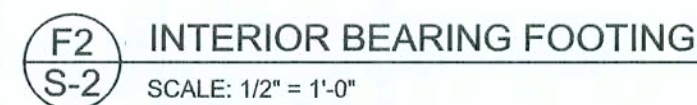
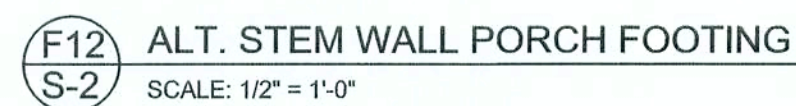
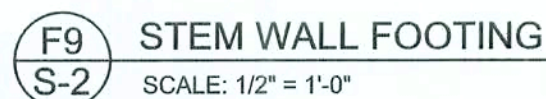
DRAWING NUMBER  
S-3

OF 6 SHEETS

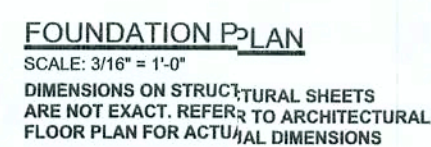
CONNECTIONS, WALL & HEADER DESIGN IS BASED  
ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING  
FURNISHED BY BUILDER, ANDERSON TRUSS CO.  
(JOB #6-005)



**SOFTPLAN**  
ARCHITECTURAL DESIGN SOFTWARE



STEMWALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEMWALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEMWALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	40	80	96	80	96	96
6.7	6.3	32	56	80	56	96	96
7.3	7.0	24	40	56	40	80	96
8.0	7.7	16	32	48	32	64	80
8.7	8.3	8	24	32	24	48	64
9.3	9.0	8	16	24	16	40	48



OF 6 SHEETS



