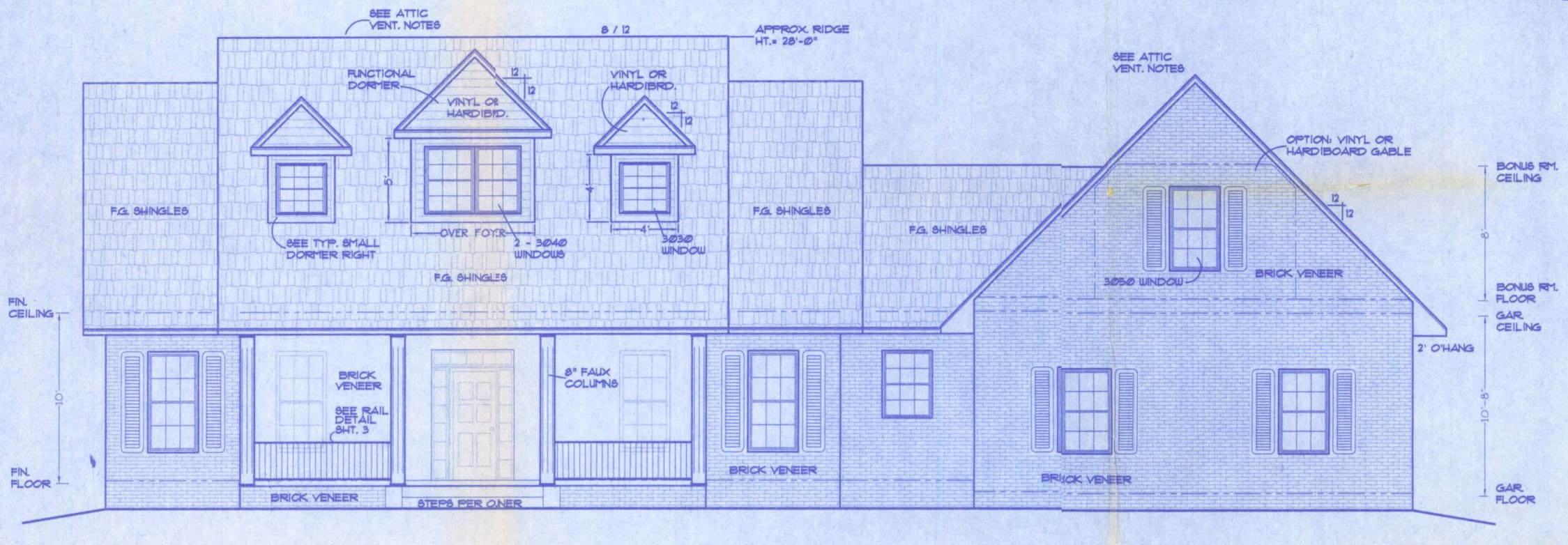
SW SAPLING GLEN

# Turbeville Residence

OF SE 1/4



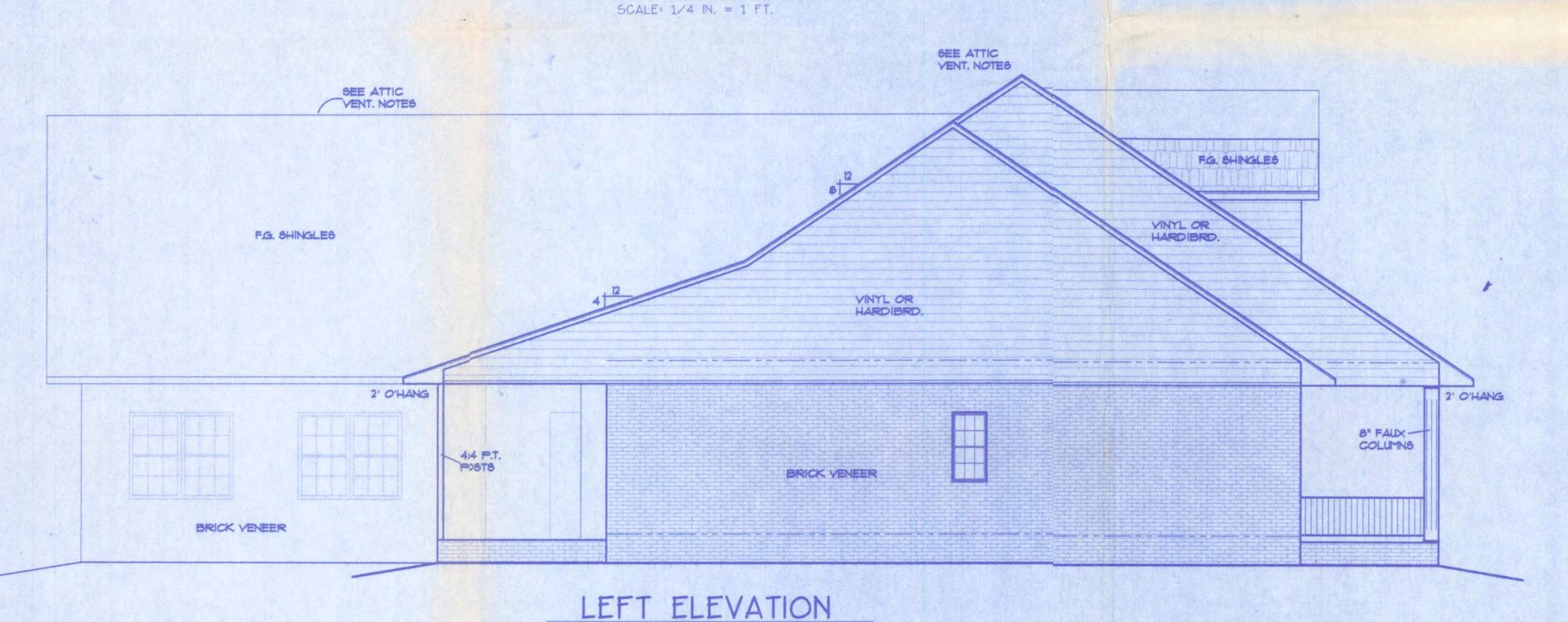
### FRONT ELEVATION

SCALE: 1/4 IN. = 1 FT.

Enclosed attics and enclosed raftir 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.

The total net free ventilating arec 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

Ventilating openings shall be provided with corrosion-resistant wire mesh, with 1/8 inch (3.2 mm) minimum to 1/4 inch



WINDLOAD ENGINEER: Mark Disosway, 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

FILE: 06-012 DATE: 1-30-06	TURBEVILLE	SHEET: 1 OF 5 CAD FILE: OGO12
DRAWN: T A D CHECK: T A D	PREPARED BY:  TIM DELBENE  Residential Drafting + Design  Rt. 4. Box 330. Lake City. FL 32055  Phone ( 904 ) 755-5891	REV: 2-11-04 REV:

PROPOSED RESIDENCE PER DEED DESC. FROM OWNER 2.) HOUSE LOCATION PER OWNER 10.04 acres 494.46 DESCRIPTION TOWNSHIP 5 SOUTH - RANGE 16 EAST SECTION 9: COMMENCE AT THE SE CORNER OF SECTION 9, TOWNSHIP 5 SOUTH, RANGE 16 EAST, COLUMBIA CO., FLORIDA AND RUN THENCE 9 69deg 22'51"W ALONG THE S. LINE OF SAID SECTION 9, 659.13 FEET. 659.131 THENCE N @@deg 26'36"W 44060 FEET TO THE POINT OF BEGINNING,
THENCE S 89deg 28'45"W 494.46 FEET, THENCE N @@deg 27'26"W 88461
FEET TO THE N. LINE OF THE 5.1/2 OF THE SE 1/4 OF SAID SECTION 9, THENCE N 89deg 28'45"E ALONG SAID N. LINE 49468 FEET, THENCE S ODDIEG 26'36"E 884.61 FEET TO THE POINT OF BEGINNING. SITE PLAN

### Index to Sheets

SCALE: 1 IN. = FT.

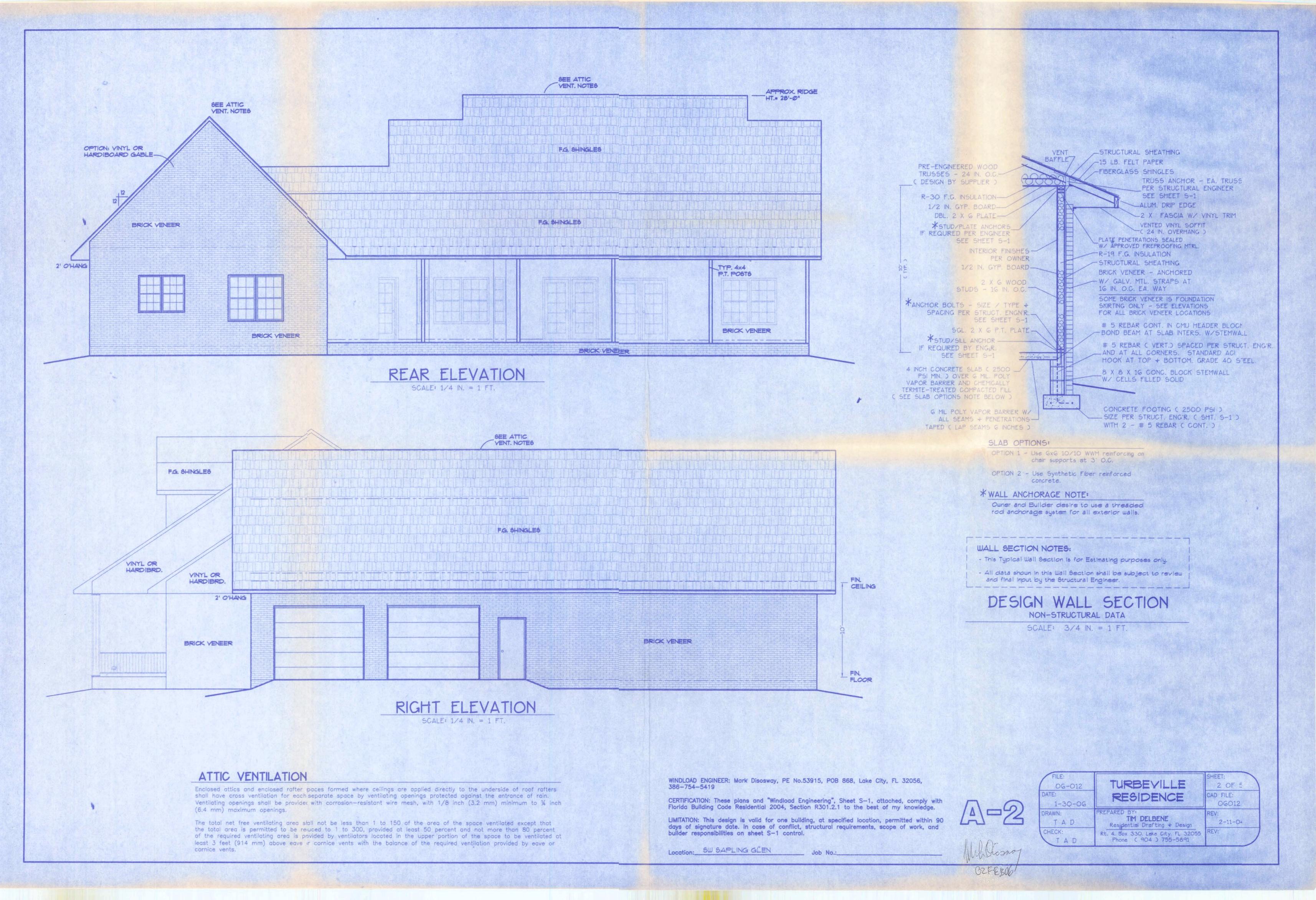
The state of the s	
SHEET A-1	SITE PLAN + ELEVATIONS
SHEET A-2	 ELEVATIONS + WALL SECTION
SHEET A-3	 FLOOR PLAN + GEN. NOTES
SHEET A-4	 FOUNDATION + SECTIONS
SHEET A-5	 ELECTRICAL
SHEET S-1	 WIND ENGINEERING

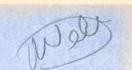
VEFELOW )

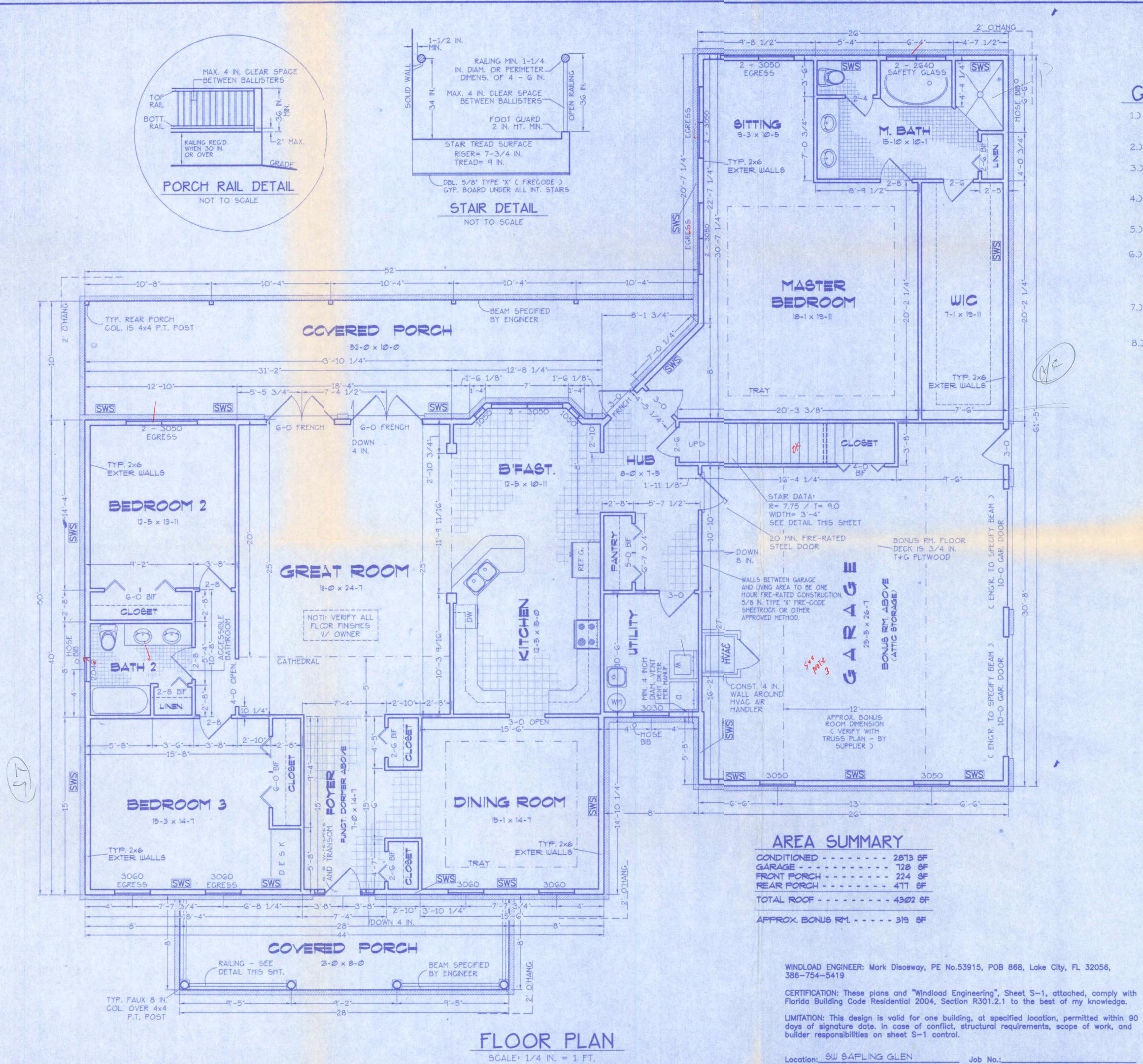
of the required ventilating area is provided by ventilators located in the upper portion of the space to be ventilated at least 3 feet (914 mm) above ear or cornice vents with the balance of the required ventilation provided by eave or cornice vents.

ATTIC VENTILATION

(6.4 mm) maximum openings.







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

- 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 Manufactuer 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.



BONUS RM. SCALE: 1/4 IN. = 1 FT.

FILE: 06-012 DATE: 1-30-06	TURBEVILLE RESIDENCE	
DRAWN: T A D CHECK:	PREPARED BY:  TIM DELBENE  Residential Drafting + Design  Rt. 4. Box 330, Lake City, FL 32055	F
T A D	Rt. 4. Box 330, Lake City, FL 320 Phone ( 904 ) 755-5891	55

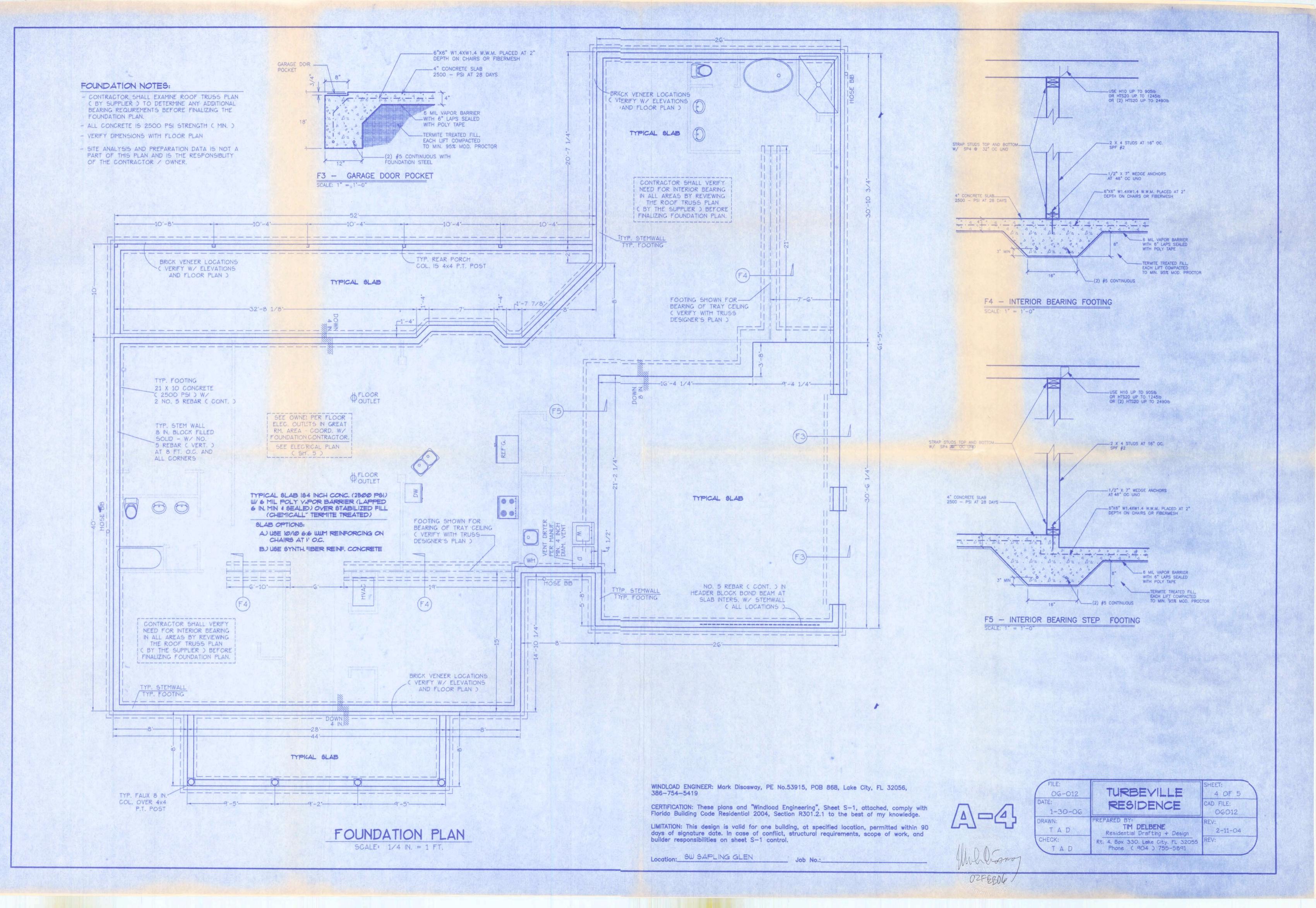
3 OF 5

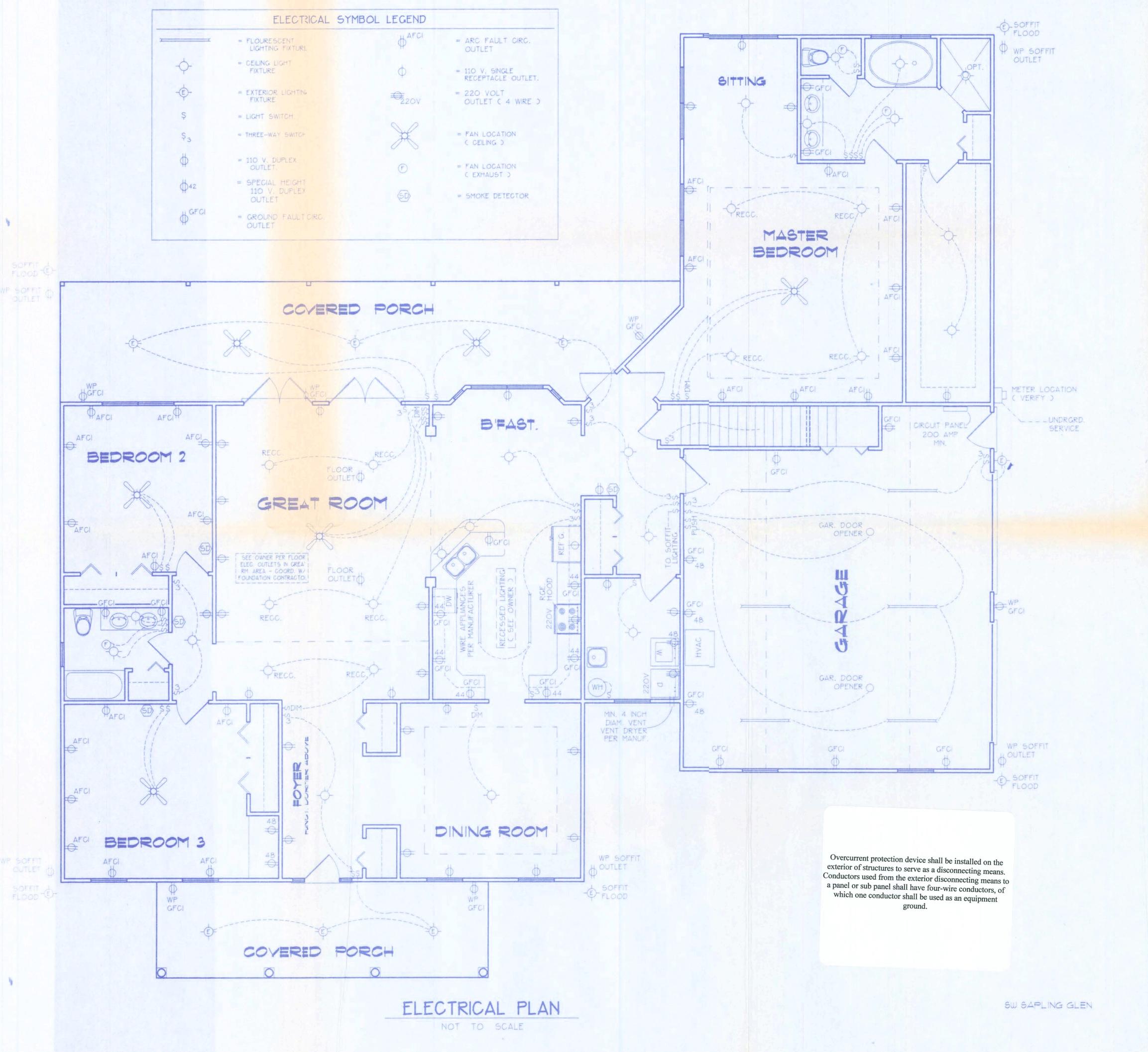
06012

2-11-04

AD FILE:

0214806





#### 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.

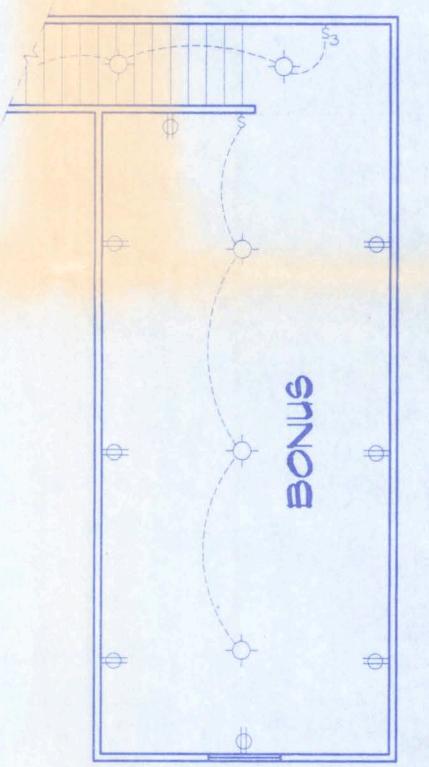
-ALL INSTALLATIONS SHALL BE PER NAT'L. ELECTRIC CODE.

-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 CONT'R SHALL BE RESPONSIBLE FOR THE DESIGN + SIZING OF ELECTRICAL SERVICE AND CIRCUITS.

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



A-5

FILE:

06-012

DATE:

1-30-06

DRAWN:

T A D

CHECK:

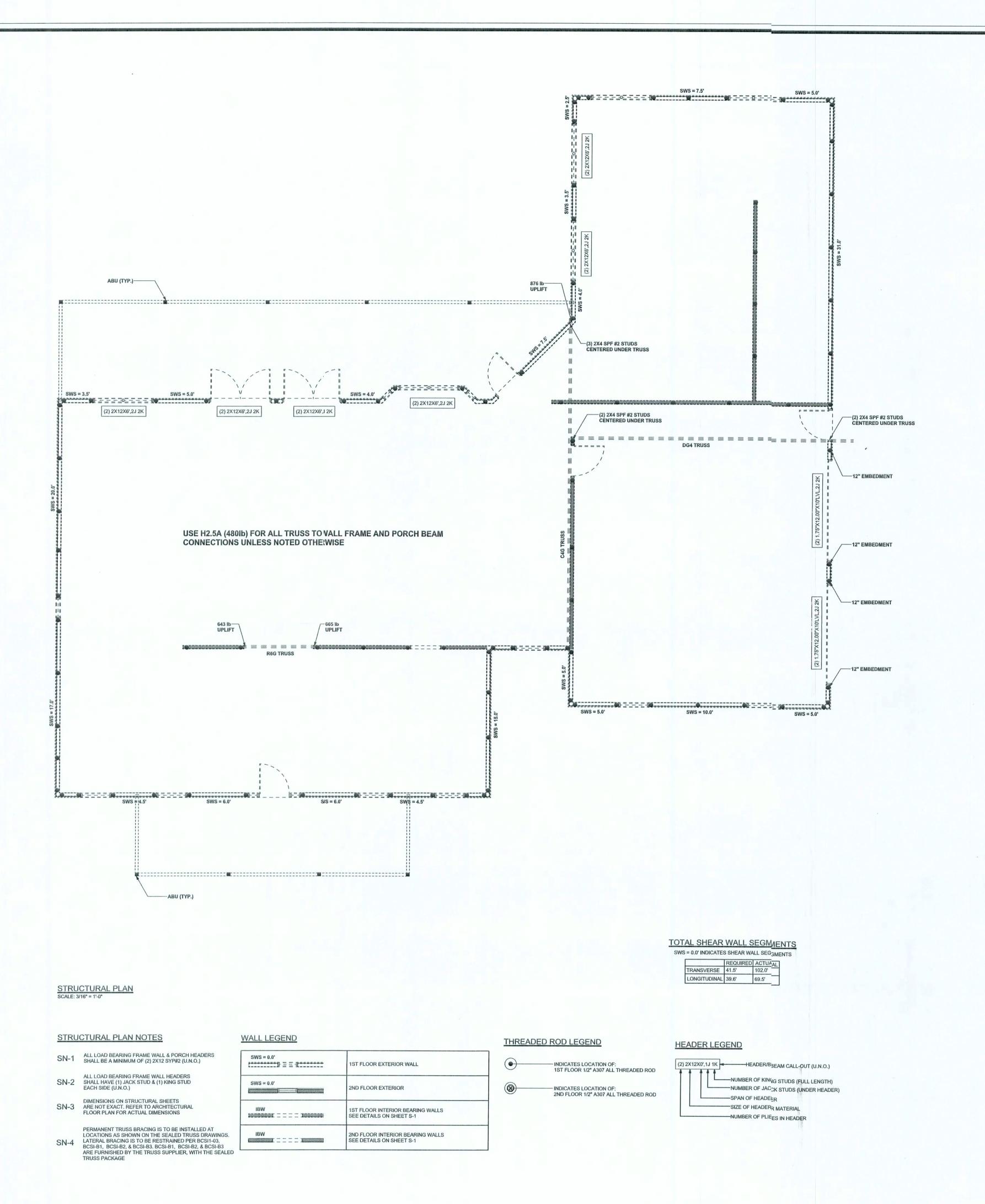
TURBEVILLE 5 OF 5

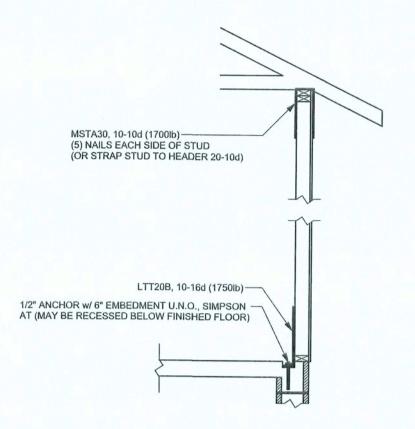
RESIDENCE CAD FILE: 06012

PREPARED BY: TIM DELBENE Residential Drafting + Design REV: 2-11-04

RE 4. Box 330. Lake City, FL 32055

Phone ( 904 ) 755-5891





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

SOFTPIAN ARCHITECTURAL DESBN SOFTWARE

**REVISIONS** 

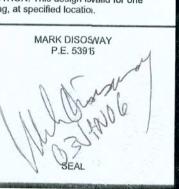
WINDLOAD ENGINEER: Mark Disosway, PE No.53915, POB 868, Late City, FL 32056, 386-754-5419

DIMENSIONS: Stated dimensions supercere scaled dimensions. Refer all questions to Mark Disosway, P.E. for resolution. Do not proceed without clarfication.

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form or manner without first express written
permission and consent of flark Disosway.

CERTIFICATION: I hereby ertify that I have examined this plan, and that he applicable portions of the plan, relatingto wind engineering comply with section R301.21, florida building code residential 2004, to th€best of my knowledge.

LIMITATION: This design isvalid for one building, at specified locatio.



Turbeville Residence

ADDRESS: Columbia County, Florida

Mark Disosway P.E. P.O. Box 868 Lake City, Florda 32056 Phone: (386) 754 - 5419 Fax: (386) 26) - 4871

PRINTED D/TE: February 03, 2006

DRAWN BY:
Evan Beamsley

DESIGNED BY:

Matthaw

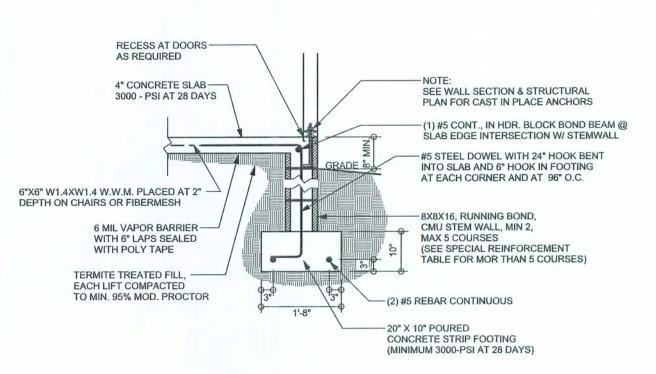
FINALS DATE:

Jan. 30, 2005 JOB NUM3ER: 402021a

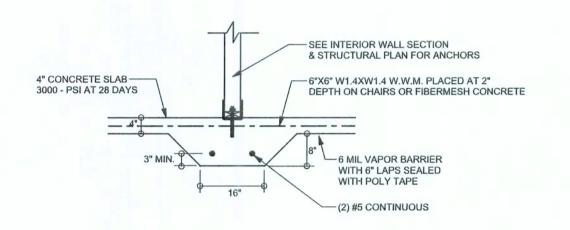
S-3

OF 6 SHEETS

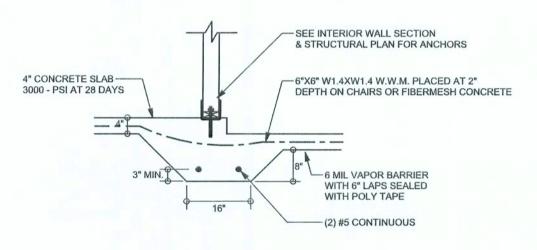
CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. ANDERSON TRUSS CO. (JOB #6-005)



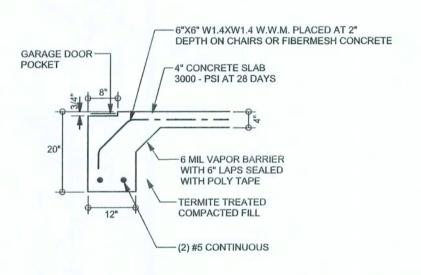
## F9 STEM WALL FOOTING S-2 SCALE: 1/2" = 1'-0"



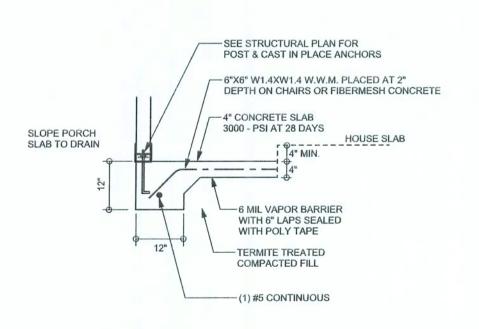
### F2 INTERIOR BEARING FOOTING S-2 SCALE: 1/2" = 1'-0"



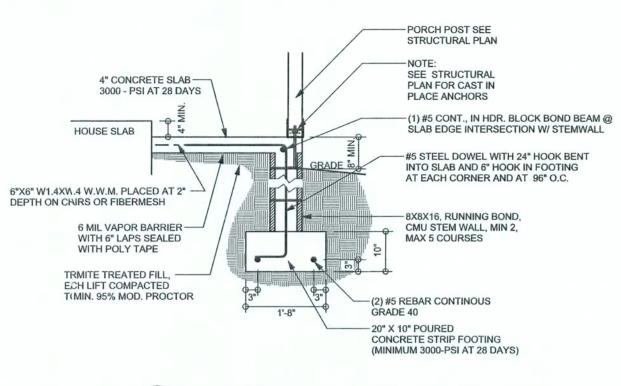
### F3 INTERIOR BEARING STEP FOOTING S-2 SCALE: 1/2" = 1'-0"



### F4 GARAGE DOOR FOOTING S-2 SCALE: 1/2" = 1'-0"



F5 PORCH FOOTING
S-2 SCALE: 1/2" = 1'-0"

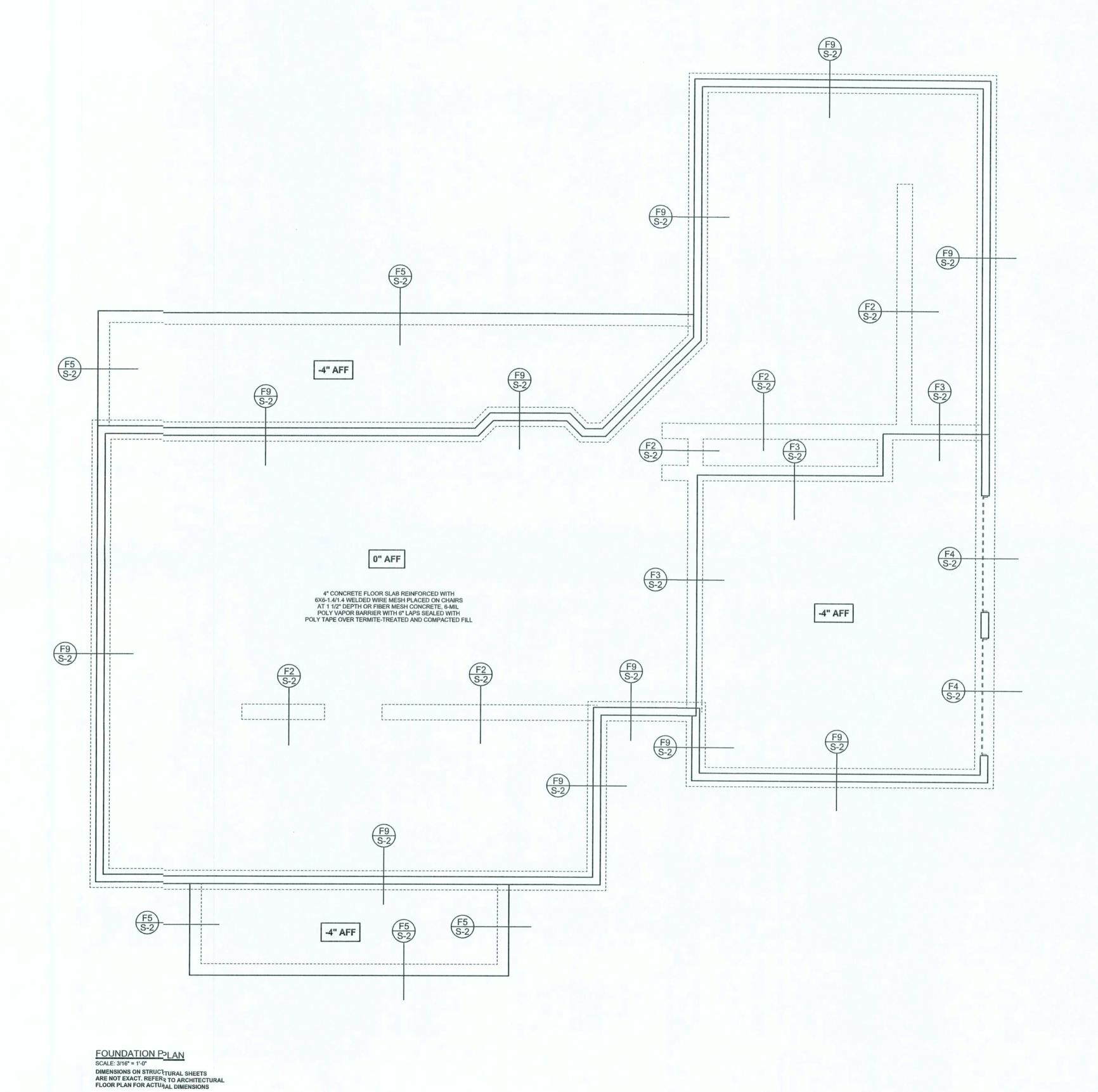


### F12 ALT. STEM WALL PORCH FOOTING S-2 SCALE: 1/2" = 1'-0"

#### TALL STEM WALL TABLE

The table assumes 60 ksi reinforcing bars with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed toward the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is over 8' high, add Durowall ladder reinforcement at 16"OC vertically or a horizontal bond beam with 1#5 continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

STEMWALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	FOR	AL REINFOR B" CMU STEI (INCHES O.C	MWALL	FOR 1	AL REINFOR 2" CMU STE INCHES O.C	MWALL
		#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



REVISIONS

SOFTRAM ARCHITECTURAL ISSIGN SOFTWARE

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

DIMENSIONS: Stated dimensions supecede scaled dimensions. Refer all questions to Mark Disosway, P.E. forresolution.

Do not proceed without larification.

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CERTIFICATION: I herely certify that I have examined this plan, and hat the applicable portions of the plan, relaing to wind engineering comply with section R30.2.1, florida building code residential 2004, tothe best of my

LIMITATION: This design is valid for one building, at specified location.

MARK DISOSWAY
P.E. 51915

Turbeville Residence

ADDRESS: Columbia County, Florida

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

PRINTECDATE:
February (3, 2006

DRAWN BY: STRUCTURAL BY
Evan Beamsley David Disosway

DESIGNED BY:

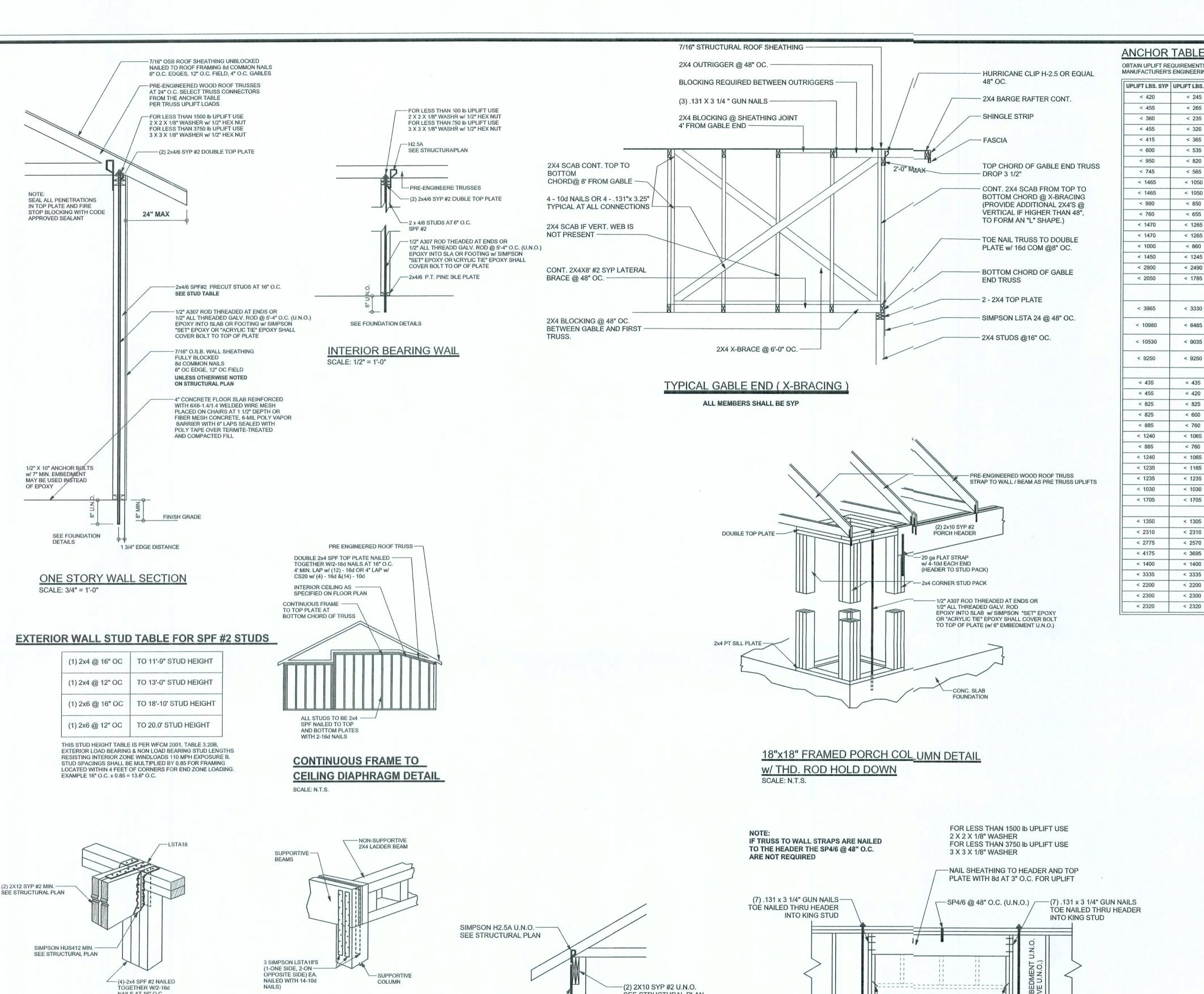
Platthers & Skirrye

FINALS DATE:

JOB NUMBER: 402021a

DRAWING NUMBER

S-2 OF 6 SHEETS



#### OBTAIN UPLIFT REQUIREMENTS FROM TRUSS MANUFACTURER'S ENGINEERING UPLIFT LBS. SYP UPLIFT LBS. SPF TRUSS CONNECTOR\* TO PLATES TO RAFTER/TRUSS < 420 < 245 3-8d < 455 < 265 4-8d 4-8d < 360 < 235 4-8d < 455 < 320 4-8d 4-8d < 415 < 365 H2.5 5-8d 5-8d < 600 < 535 H2.5A 5-8d < 950 < 820 8-8d 8-8d < 745 < 565 5-10d, 1 1/2" 5-10d, 1 1/2" < 1465 < 1050 13-8d 12-8d, 1 1/2 < 1465 < 1050 H14-2 15-8d 12-8d, 1 1/2" < 990 < 850 H10-1 8-8d, 1 1/2" 8-8d, 1 1/2" < 760 < 655 H10-2 6-10d 6-10d < 1470 < 1265 H16-1 10-10d, 1 1/2" 2-10d, 1 1/2' < 1470 < 1265 H16-2 10-10d, 1 1/2" 2-10d, 1 1/2" < 1000 < 860 MTS24C 7-10d 1 1/2" 7-10d 1 1/2' < 1450 < 1245 HTS24 12-10d 1 1/2" 12-10d 1 1/2" < 2900 < 2490 2 - HTS24 < 2050 < 1785 LGT2 14 -16d 14 -16d HEAVY GIRDER TIEDOWNS TO FOUNDATION 5/8" THREADED RO < 3965 < 3330 MGT 22 -10d 12" EMBEDMENT 2-5/8" THREADED ROD < 10980 < 6485 HGT-2 16 -10d 12" EMBEDMENT -5/8" THREADED ROD < 10530 < 9035 HGT-3 16 -10d 12" EMBEDMENT -5/8" THREADED ROD < 9250 < 9250 HGT-4 16 -10d 12" EMBEDMENT STUD STRAP CONNECTOR\* TO STUDS < 435 SSP DOUBLE TOP PLATE < 435 4 -10d < 455 < 420 SSP SINGLE SILL PLATE 4 -10d < 825 < 825 OSP DOUBLE TOP PLATE 8 -10d < 825 < 600 DSP SINGLE SILL PLATE 8 -10d < 885 < 760 SP4 6-10d, 1 1/2" < 1240 < 1065 10-10d, 1 1/2" < 885 < 760 SP6 6-10d, 1 1/2" < 1240 < 1065 SPH6 10-10d, 1 1/2" < 1165 LSTA18 14-10d < 1235 < 1235 LSTA21 < 1030 < 1030 CS20 18-8d < 1705 < 1705 CS16 28-8d STUD ANCHORS\* TO STUDS TO FOUNDATION < 1350 < 1305 LTT19 8-16d 1/2" AB < 2310 < 2310 LTTI31 18-10d, 1 1/2 1/2" AB < 2775 < 2570 HD2A 2-5/8" BOLTS 5/8" AB < 4175 < 3695 HTT16 5/8" AB < 1400 < 1400 PAHD42 16-16d

< 3335

< 2200

< 2300

< 2320

HPAHD22

ABU44

ABU88

16-16d

12-16d

12-16d

18 - 16d

< 3335

< 2200

< 2300

< 2320

#### **GENERAL NOTES:**

TRUSSES: TRUSSES SHALL BE DESIGNED BY A FLORIDA LICENSED ENGINEER IN ACCORDANCE WITH THE FBCR 2004. TRUSS ENGINEERING SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS. TRUSS ENGINEERING IS THE RESPONSIBILITY OF THE TRUSS MANUFACTURER AND SHALL BE SIGNED & SEALED BY THE MANUFACTURER'S DESIGN ENGINEER. IT IS THE BUILDER'S RESPONSIBILITY VERIFY THE TRUSS DESIGNER FULLY SATISFIED ALL THE ABOVE REQUIREMENTS AND 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 700 LB EACH END.

SITE PREPARATION: SITE ANALYSIS AND PREPARATION IS NOT PART OF THIS PLAN FOUNDATION: CONFIRM THAT THE FOUNDATION DESIGN & SITE CONDITIONS MEET

GRAVITY LOAD REQUIREMENTS (ASSUME 1000 PSF BEARING CAPACITY UNLESS VISUAL OBSERVATION OR SOILS TEST PROVES OTHERWISE

CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS, F'c = 3000 PSI. WELDED WIRE REINFORCED SLAB:  $6" \times 6"$  W1.4 x W1.4, FB = 85KSI, WELDED WIRE REINFORCEMENT FABRIC (W.W.M.) CONFORMING TO ASTM A185; LOCATED IN MIDDLE OF THE SLAB; SUPPORTED WITH APPROVED

MATERIALS OR SUPPORTS AT SPACINGS NOT TO EXCEED 3'. FIBER CONCRETE SLAB: CONCRETE SLABS ON GROUND CONTAINING SYNTHETIC FIBER REINFORCEMENT. FIBER LENGTH 1/2 INCH TO 2 INCHES. DOSAGE AMOUNTS FROM 0.75 TO 1.5 POUNDS PER CUBIC YARD

PER THE MANUFACTURER'S RECOMMENDATIONS. FIBERS TO COMPLY WITH ASTM C 1116. SUPPLIER

TO PROVIDE ASTM C 1116 CERTIFICATION OF COMPLIANCE WHEN REQUESTED BY BUILDING OFFICIAL. CONTROL JOINTS: WHERE SPECIFIED, SAWN CONTROL JOINTS IN SLAB-ON-GRADE SHALL BE CUT IN ACCORDANCE WITH ACI 302. JOINTS SHALL BE CUT WITHIN 12 HOURS OF SLAB PLACEMENT. THE LENGTH /

WIDTH RATIOS OF SLAB AREAS SHALL NOT EXCEED 1.5 AND TYPICAL SPACING OF CUTS TO BE 12FT. DO NOT CUT WWM OR REINFORCING STEEL. (RECOMMENDED LOCATION OF CONTROL JOINTS IS SUBJECT TO OWNER AND CONTRACTOR'S APPROVAL. THE CONTROL JOINTS ARE NOT INTENDED TO PREVENT CRACKS BUT RATHER TO ENCOURAGE THE SLAB TO CRACK ON A GIVEN LINE.)

REBAR: ASTM A 615, GRADE 60, DEFORMED BARS, FY = 60 KSI. ALL LAP SPLICES 40 \* DB (25" FOR #5 BARS); UNO. ALL REINFORCEMENT SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 315-96, U.N.O.

GLULAM BEAMS: GLULAM BEAM, GLB, 24F-V3SP, Fb = 2.4ksi, E = 1800ksi; UNO. SUPPLIER MAY SUPPLY AN ALTERNATE BEAM WITH EQUAL PROPERTIES OR MAY SUBMIT THEIR OWN SIZING CALCS.

ROOF SHEATHING: ALL ROOFS ARE HORIZONTAL DIAPHRAGMS; 7/16" OSB SHEATHING, UNBLOCKED, APPLIED PERPENDICULAR TO FRAMING, OVER A MINIMUM OF 3 FRAMING MEMBERS, WITH PANEL EDGES STAGGERED, FASTENED WITH 8d COMMON NAILS (.131), 6"OC PANEL EDGES, 12"0C INTERMEDIATE MEMBERS, GABLE ENDS AND DIAPHRAGM BOUNDARY: 4"OC. UNO.

STRUCTURAL CONNECTORS: MANUFACTURERS AND PRODUCT NUMBER FOR CONNECTORS, ANCHORS, AND REINFORCEMENT ARE LISTED 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 ANCHOR BOLTS WITH MINIMUM EMBEDMENT AS SPECIFIED IN DRAWINGS BUT NO LESS THAN 7" IN CONCRETE OR REINFORCED BOND BEAM OR 15" IN GROUTED CMU.

WASHERS: WASHERS USED WITH 1/2" BOLTS TO BE 2" x 2" x 9/64"; WITH 5/8" BOLTS TO BE 3" x 3" x 9/64"; WITH 3/4" BOLTS TO BE 3" x 3" x 9/64"; WITH 7/8" BOLTS TO BE 3" x 3" x 5/16"; UNO.

NAILS: ALL NAILS ARE COMMON NAILS UNLESS OTHERWISE SPECIFIED OR ACCEPTED BY FBC TEST REPORTS AS HAVING EQUAL STRUCTURAL VALUES.

#### **BUILDER'S RESPONSIBILITY**

SPECIFICALLY N	D OWNER ARE RESPONSIBLE FOR THE FOLLOWING, WHICH ARI OT PART OF THE WIND LOAD ENGINEER'S SCOPE OF WORK.
CONFIRM SITE CON BACKFILL HEIGHT, V	ITIONS, FOUNDATION BEARING CAPACITY, GRADE AND IND SPEED AND DEBRIS ZONE, AND FLOOD ZONE.
PROVIDE MATERIAL REQUIREMENTS FO	AND CONSTRUCTION TECHNIQUES, WHICH COMPLY WITH FBCR 2004 THE STATED WIND VELOCITY AND DESIGN PRESSURES.
BELIEVE THE PLAN	OUS LOAD PATH FROM TRUSSES TO FOUNDATION. IF YOU MITS A CONTINUOUS LOAD PATH CONNECTION, CALL INEER IMMEDIATELY.
DESIGN, PLACEMEN	IANUFACTURER'S SEALED ENGINEERING INCLUDES TRUSS PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, DINECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL

#### **ROOF SYSTEM DESIGN**

THE SEAL ON THESE PLANS FOR COMPLIANCE WITH FBCR 2004, SECTION R301.2.1 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 LICATION 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.

WIND LOADS PER FLORIDA BUILDING CODE 2004 RESIDENTIAL, SECTION R301.2.1

#### **DESIGN DATA**

1/2" AB

1/2" AB

2-5/8" AB

ON UPPER HALF OF HILL OR ESCARPMENT 60FT IN I SLOPE AND UNOBSTRUCTED UPWIND FOR 50x HEIG	SHT OR 1	MILE	WHI	CHEV	ER IS LESS
BUILDING IS NOT IN THE HIGH VELOCITY HURRICAN	E ZONE				
BUILDING IS NOT IN THE WIND-BORNE DEBRIS REGI	ON				
1.) BASIC WIND SPEED = 110 MPH					
2.) WIND EXPOSURE = B					
3.) WIND IMPORTANCE FACTOR = 1.0					
4.) BUILDING CATEGORY = II					
5.) ROOF ANGLE = 10-45 DEGREES					
6.) MEAN ROOF HEIGHT = <30 FT					
7.) INTERNAL PRESSURE COEFFICIENT = N/A (ENC	LOSED B	UILDI	NG)		
8.) COMPONENTS AND CLADDING DESIGN WIND P	RESSUR	ES (TA	ABLE	R301.	.2(2))
***	Zone	_			ea (ft2)
	1		0 -21.8		100
3 2	2		-25.5		-21.8
	2 O'hg		-40.6		-40.6
2 2 2 1	3	19.9	-25.5	18.1	-21.8
4 3 2 3	3 O'hg		-68.3		-42.4
555	5		-23.6 -29.1		-20.4
		21.0	-29.1	18.5	-22.6
	Doors		100000000000000000000000000000000000000	21.8	-29.1
2		st Case 5, 10 1		-	-
5 2 3	8x7 Garage Door		19.5	-22.9	
2 4 /2/ 5	16x7 Ga	rage D	oor	18.5	-21.0
4 / 4					
55					
2×2					
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)					

comply with section R301.2., florida buildin code residential 2004, to thesest of my LIMITATION: This design is alid for one building, at specified location MARK DISOSVAY P.E. 5391

PE No.53915, POB 868, Lale City, FL

Stated dimensions superced scaled

dimensions. Refer all questions to

Mark Disosway, P.E. for resolution.

To not proceed without clarication

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CERTIFICATION: I hereby cirtify that I have

xamined this plan, and that:he applicable

ortions of the plan, relating o wind engines

ermission and consent of Mark Disosway.

32056, 386-754-5419

MENSIONS

REVISIONS

Turbeville Residence

ADDRESS: Columbia County, Florida

Mark Disosway P.E. P.O. Box 368 Lake City, Florida 32056 Phone: (386) 754 - 5419 Fax: (386) 269 - 4871

PRINTED DATE: February 03, 2006 DRAWN BY: STRUCTURAL BY

Evan Beamsley lavid Disosway DESIGNED BY: THERE LBIENE TRUNGS FINALS DATE: Jan. 30, 2005

> JOB NUMBER: 40202°a

SUPPORTIVE CENTER POST TO BEAM DETAIL

4-SIMPSON LSTA18 ---

(2-ONE SIDE, 2-ON

OTHER SIDE)

MIN. (SEE STRUCTURAL PLAN)

(2) 2X12 SYP #2 MIN. ---

SEE STRUCTURAL PLAN

**BEAM MID-WALL CONNECTION DETAIL** 

LSTA18

NAIL THRU 2x4 INT

BEAM MAY BE ATTACHED IN

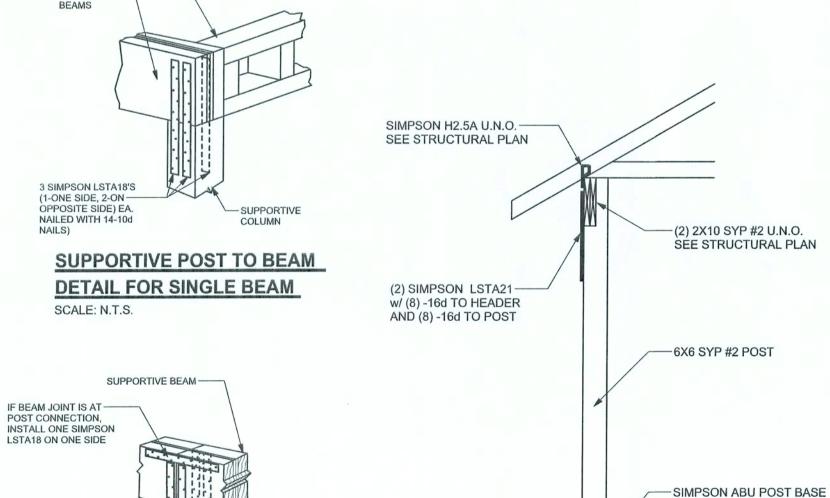
EITHER METHOD SHOWN ABOVE

BEAM CORNER CONNECTION. DETAIL

SEE STRUCTURAL PLAN

SCALE: N.T.S.

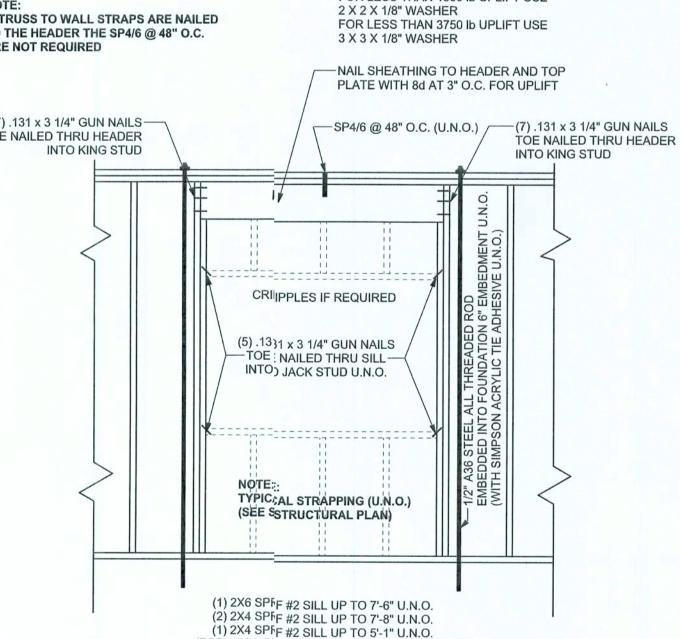
SCALE: N.T.S.



-SEE FOOTING DETAILS TYPICAL PORCH POST DETAIL

w/ (12) - 16d & 5/8" x 10"

ANCHOR BOLT



TYPICAL 1 STORY HEADER STRAPING DETAIL SCALE: 1/2" = 1'-0"

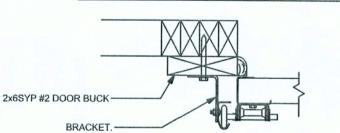
(FOR: 120 MPbH, 10'-0" WALL HEIGHT U.N.O.)

#### **GRADE & SPECIES TABLE**

		Fb (psi)	E (10 <sup>6</sup> psi)
2x8	SYP #2	1200	1.6
2x10	SYP #2	1050	1.6
2x12	SYP #2	975	1.6
GLB	24F-V3 SP	2400	1.8
LSL	TIMBERSTRAND	1700	1.7
LVL	MICROLAM	2900	2.0
PSL	PARALAM	2900	2.0

2x6 SYP #2 GARAGE DOOR BUCK ATTACHMENT ATTACH GARAGE DOOR BUCK TO STUD PACK AT EACH SIDE OF DOOR OPENING WITH 3/8"x4" LAG SCREWS w/ 1" WASHER LAG SCREWS MAY BE COUNTERSUNK. HORIZONTAL JAMBS DO NOT TRANSFER LOAD, CENTER LAG SCREWS OR STAGGER 16d NAILS OR (2) ROWS OF .131 x 3 1/4" GN PER TABLE BELOW:

OOR WIDTH	3/8" x 4" LAG	16d STAGGER	(2) ROWS OF .131 x 3 1/4" GN
8' - 10'	24" O.C.	5" O.C.	5" O.C.
11' - 15'	18" O.C.	4" O.C.	4" O.C.
16' - 18'	16" O.C.	3" O.C.	3" O.C.



**GARAGE DOOR BUCK INSTALLATION DETAIL** SCALE: N.T.S.

DRAWING NUMBER

OF 6 SHEETS