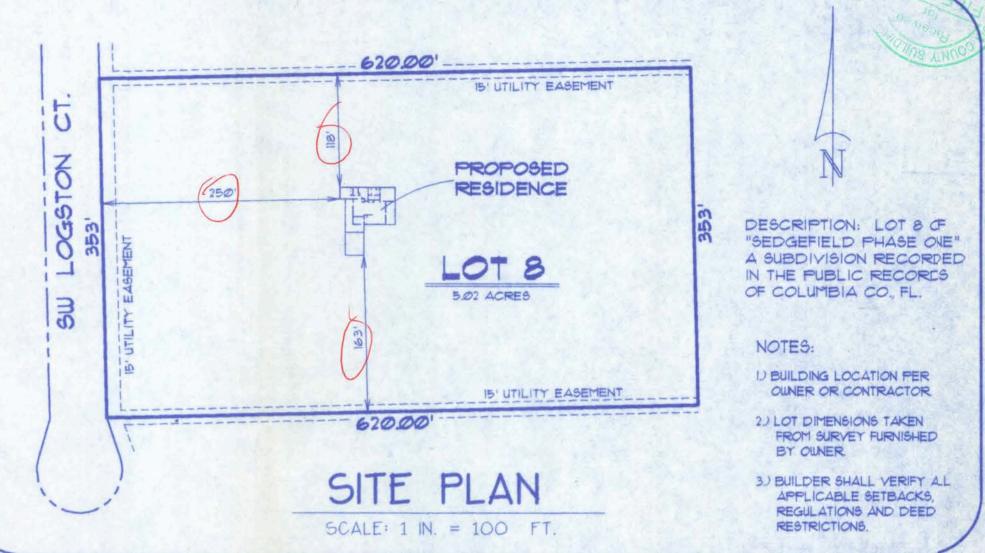


2 O'HANG T = 2 O'HANG 2 - 3050 EGRESS SW 3 KNEEWALL SCRN DOOR TYP. 6x6 PT-MAX. 4 IN. CLEAR SPACE BEAMS PER ENGINEER BETWEEN BALLISTERS SCREENED PORCH 3 KNEEWALL CARPET MASTER SEE ELEVATIONS FOR BRICK VENEER LOC. RAILING REG D. WHEN 30 IN. OR OVER L2' MAX. BEDROOM 14-1 x 15-7 2 - 3050 3060 FRNCH PORCH RAIL DETAIL DOWN 4 IN. NOT TO SCALE MORNING 9-1 × 9-0 WOOD VERIFY ALL FLOOR COVERINGS W/ OWNER LIVING 13-0 x 22-5 WHOLE HOUSE FAN WOOD 2' O'HANG DEN UTILITY DESK 7-9 x 11-5 DINING 9-5 x 11-5 DOWN CAR PORT 4 IN. W/ S'LITE DOWN 12 IN. COVERED PORCH CARPET 4x4 OR 6x6 STEEL POSTS SPEC BY ENGINEER (TYP.) BEDRM. 2 11-8 × 11-0 SEE ELEVATIONS FOR BRICK YENEER LOC. 2 O'HANG

Damon Residence



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.

AREA SUMMARY

CONDITIONED	373 236	SF SF
TOTAL ROOF	2746	SF

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SHEET	A-1	-	-			-	-	1	-	16.5	1		PLAN OOR PLA	N
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SHEET	A-3	-	-	-	-			-	-	-	-	ELEV	ATIONS	
SHEET	A-4	-	-	-				-	-	-	-		DATION	
SHEET	A-5	-	-	-			-	-	-	-	-	ELEC	TRICAL	
SHEET	5-1	1	-	-			-	-	-	-	-	WIND	ENGINEER	RIN



FLOOR PLAN SCALE: 1/4 IN. = 1 FT.

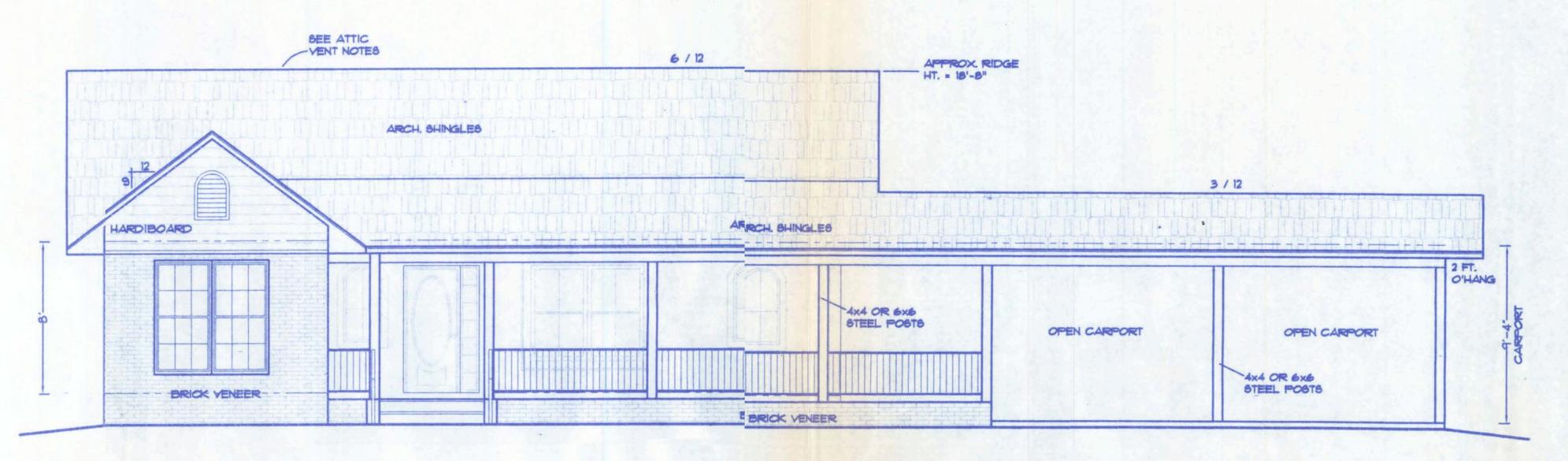
WINDLOAD ENGINEER: Mark Disosway, PE No.53915, POB 868, Lake City, FL 32056, 386-754-5419

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.

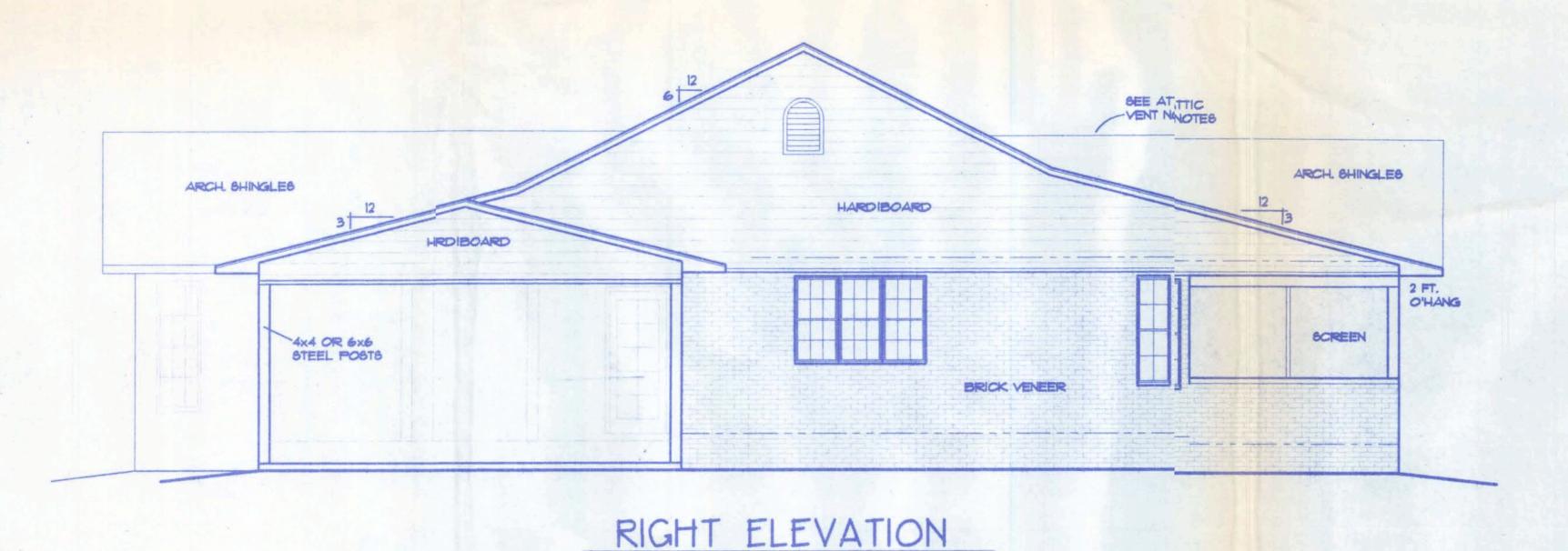
LIMITATION: This design is valid for one building, at specified location, permitted within 90 days of signature date. In case of conflict, structural requirements, scope of work, and builder responsibilities on sheet S-1 control.

SW LOGSTON CT.

FILE: 08-009	DAMON	SHEET:
DATE:	RESIDENCE	CAD FILE:
6-23-08 DRAWN:	PREPARED BY:	08009 REV:
TAD	TIM DELBENE Drafting + Technical Services	REV:
CHECK:	192 SW Sagewood Gln Lake City, FL 32024 Phone C 386) 755-5891	



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



SCALE: 1/4 IN. = 1 FT.

GENERAL NOTES

- 1.) See 'Wind Load Detail Sheet 5-1' 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.

ATTIC VENTILATION

Enclosed attics and enclosed rafter spaces formed where crings are applied directly to the underside of roof rafters shall have oss ventilation for each separate space by ventilating openings otected against the entrance of rain. Ventilating openings shall be pvided with corrosion-resistant wire mesh, wit h 1 / 8 inch (3.2 mm) ninimum to 1/4 inch (6.4 mm) maximum openings.

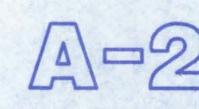
The total net free ventilating area shall not be less than 1.0 150 of the area of the space ventilated except that the total area is prmitted to be reduced to 1 to 300, provided at least 50 percent and notmore than 80 percent of the required ventilating area is provided by ventitors located in the upper portion of the space to be ventilated at least! feet (914 mm) above eave or cornice vents with the balance of the iquired ventilation provided by eave or cornice vents.

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.

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SW LOGSTON CT.

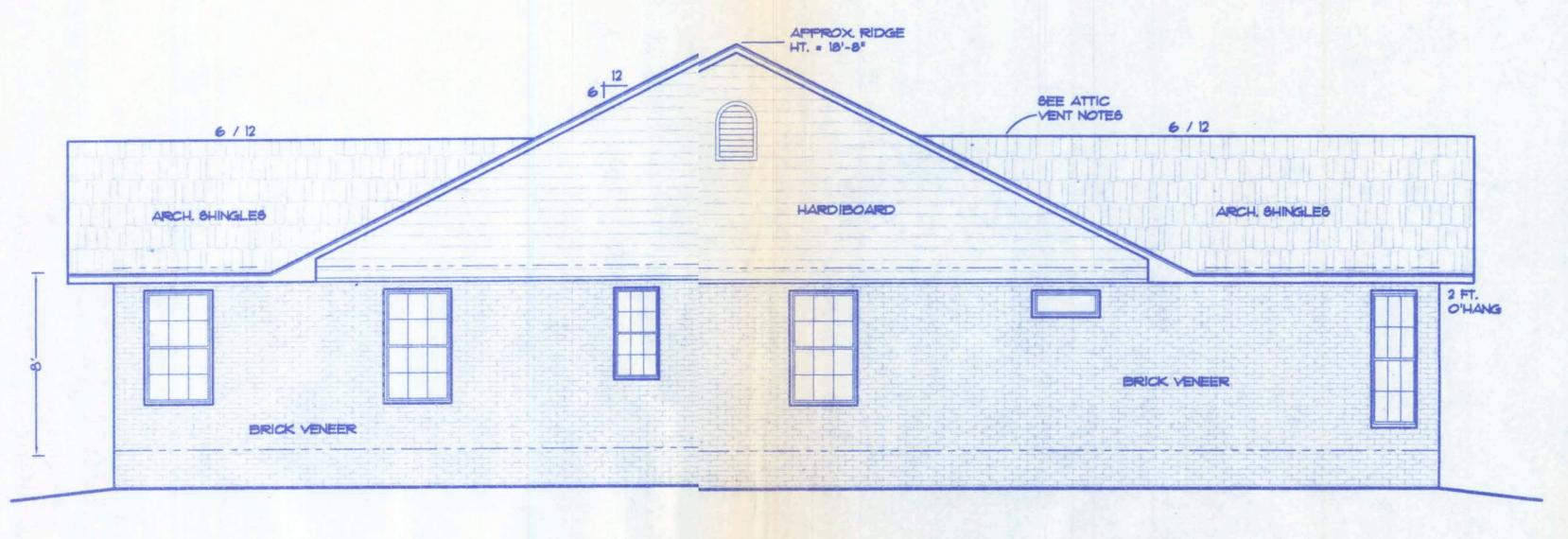


DAMON 2 OF 5 08-009 RESIDENCE CAD FILE: 6-23-08 08009 PREPARED BY:

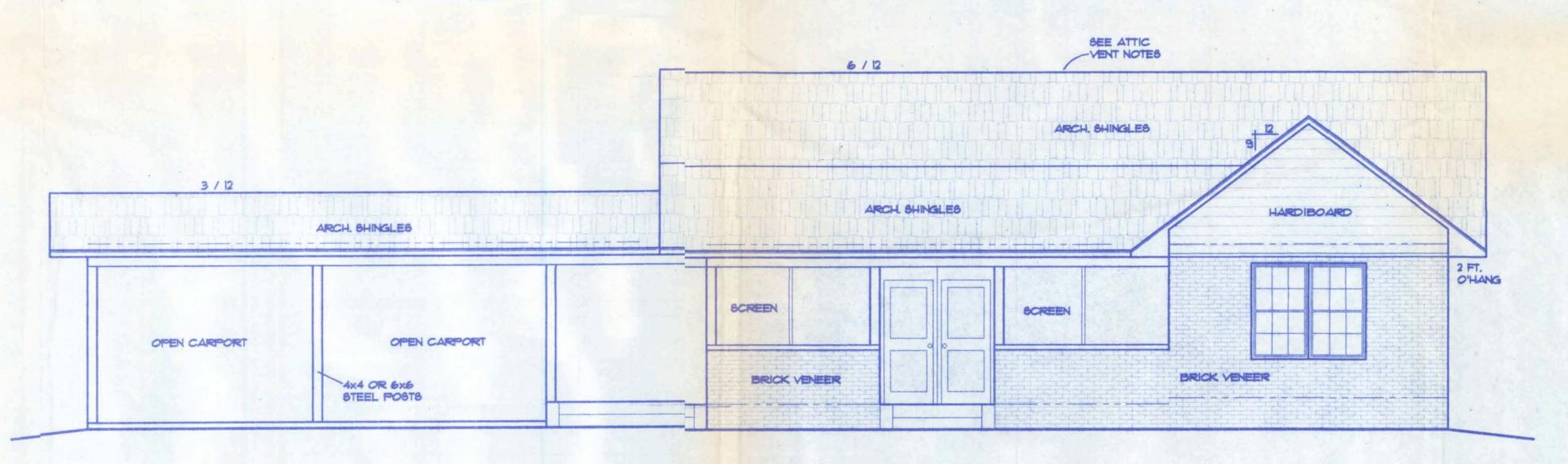
TIM DELBENE

Drafting + Technical Services RAWN: TAD CHECK: 192 SW Sagewood Gln., Lake City. FL 32024 REV: Phone (386) 755-5891

11 hosen



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



REAR! ELEVATION

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

ATTIC VENTILATION

Enclosed attics and enclosed rafter spaces formed where ceilgs are applied directly to the underside of roof rafters shall have ciss ventilation for each separate space by ventilating openings prected against the entrance of rain. Ventilating openings shall be proided with corrosion-resistant wire mesh, wit h 1 / 8 inch (3.2 mm) rnimum to 1/4 inch (6.4 mm) maximum openings.

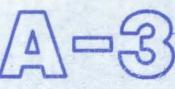
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WINDLOAD ENGINEER: Mark Disosway, PE No.53915, POB 868, Lake City, FL 32056, 386-754-5419

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.

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SW LOGSTON CT. Location: FT. WHITE, FL

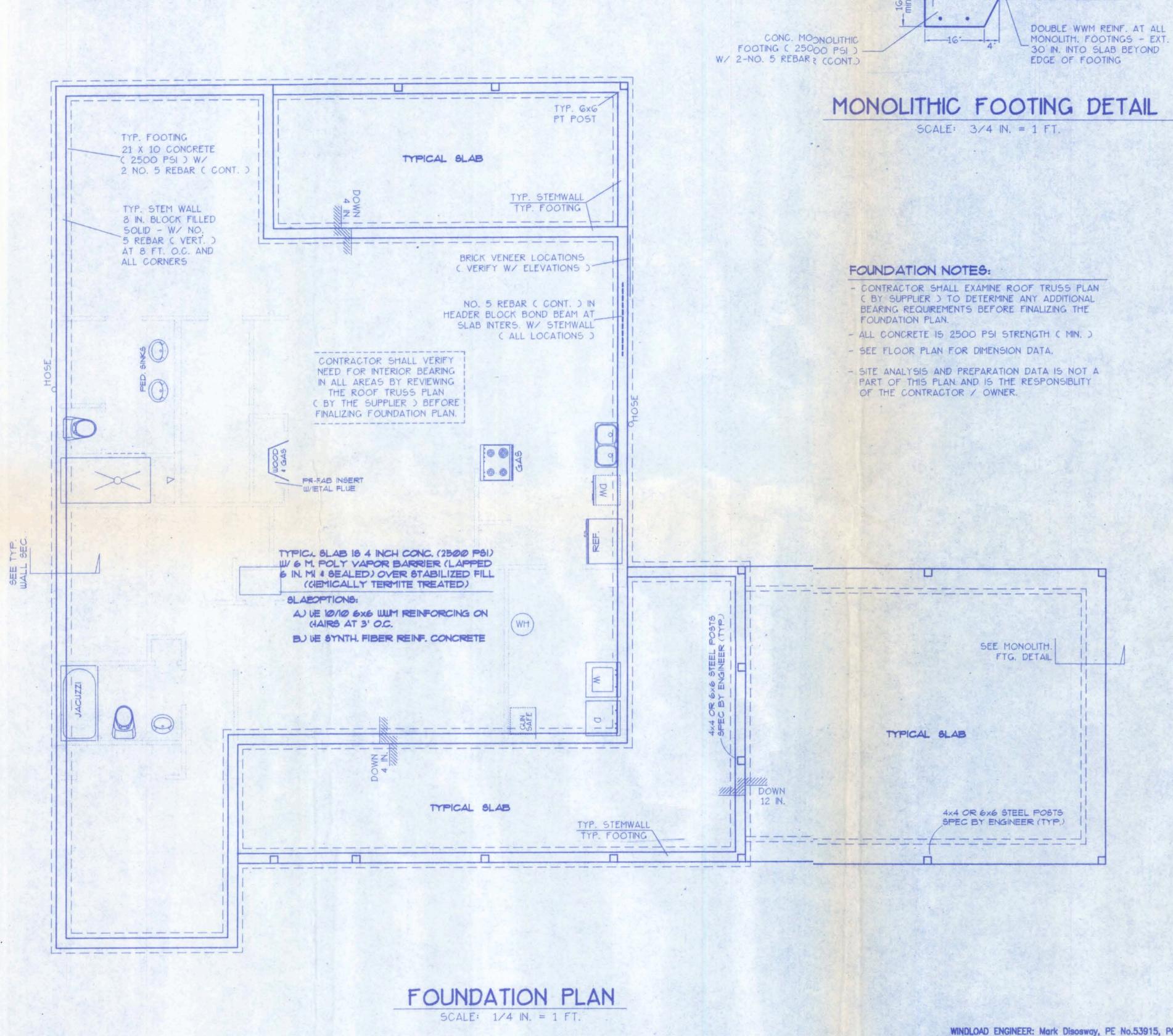


08-009 6-23-08 TAD CHECK:

DAMON 3 OF 5 RESIDENCE CAD FILE: 08009 PREPARED BY: TIM DELBENE

Drafting + Technical Services 192 SW Sagewood Gln., Lake City, FL 32024 Phone (386) 755-5891

Mylong



_STRUCTURAL SHEATHING BAFFLE 7 -15 LB. FELT PAPER PRE-ENGINEERED WOOD -FIBERGLASS SHINGLES TRUSSES - 24 IN. O.C.-C DESIGN BY SUPPLIER) TRUSS ANCHOR - EA. TRUSS PER STRUCTURAL ENGINEER R-30 F.G. INSULATION-1/2 IN. GYP. BOARD-TALUM. DRIP EDGE DBL. 2 X 4 PLATE 2 X FASCIA W/ VINTL TRIM STUD/PLATE ANCHORS VENTED VINYL SOFFIT IF REQUIRED (24 IN. OVERHANG) PER STRUCTURAL ENGINEER R-13 F.G. INSULATION INTERIOR FINISHES _ STRUCTURAL SHEATHING PER OWNER 1/2 IN. GYP. BOARD-BRICK VENEER - ANCHORED 2 X 4 WOOD - W/ GALV. MTL. STRAPS AT STUDS - 16 IN. O.C. 16 IN. O.C. EA. WAY # 5 REBAR CONT. IN CMU HEADER BLOCK ANCHOR BOLTS - SIZE / TYPE + -BOND BEAM AT SLAB INTERS. W/STEMWALL SPACING PER STRUCT. ENGN'R. # 5 REBAR (VERT.) SPACED PER STRUCT. ENGR. SGL. 2 X 4 PT PLATE -_AND AT ALL CORNERS. STANDARD ACI STUD/SILL ANCHOR -HOOK AT TOP + BOTTOM. GRADE 40 STEEL. IF REQUIRED 8 X 8 X 16 CONC. BLOCK STEMWALL PER STRUCT. ENGN'R. W/ CELLS FILLED SOLID (HEIGHT MAY VARY 4 IN. CONCRETE SLAB_ (2500 PSI) W/ WWM OR USE SYNTHETIC FIBER REINFORCED CONCRETE. OVER COMPACTED. CHEMICALLY TERMITE TREATED FILL CONCRETE FOOTING (2500 PSI) ___ SIZE PER STRUCT. ENG'R. 6 MIL POLY VAPOR BARRIER W/ WITH 2 - # 5 REBAR (CONT.) ALL SEAMS + PENETRATIONS

WALL SECTION NOTES:

TAPED (LAP SEAMS & INCHES)

- This Typical Wall Section is for Estimating purposes only.
- All data shown in this Wall Section shall be subject to review and final input by the Structural Engineer.

DESIGN WALL SECTION

NON-STRUCTURAL DATA

SCALE: 3/4 IN. = 1 FT.

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

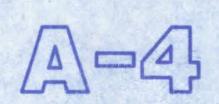
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SW LOGSTON CT.

Location: FT. WHITE, FL

TYP. SLAB



DAMON
DATE:

G-23-08

DRAWN:
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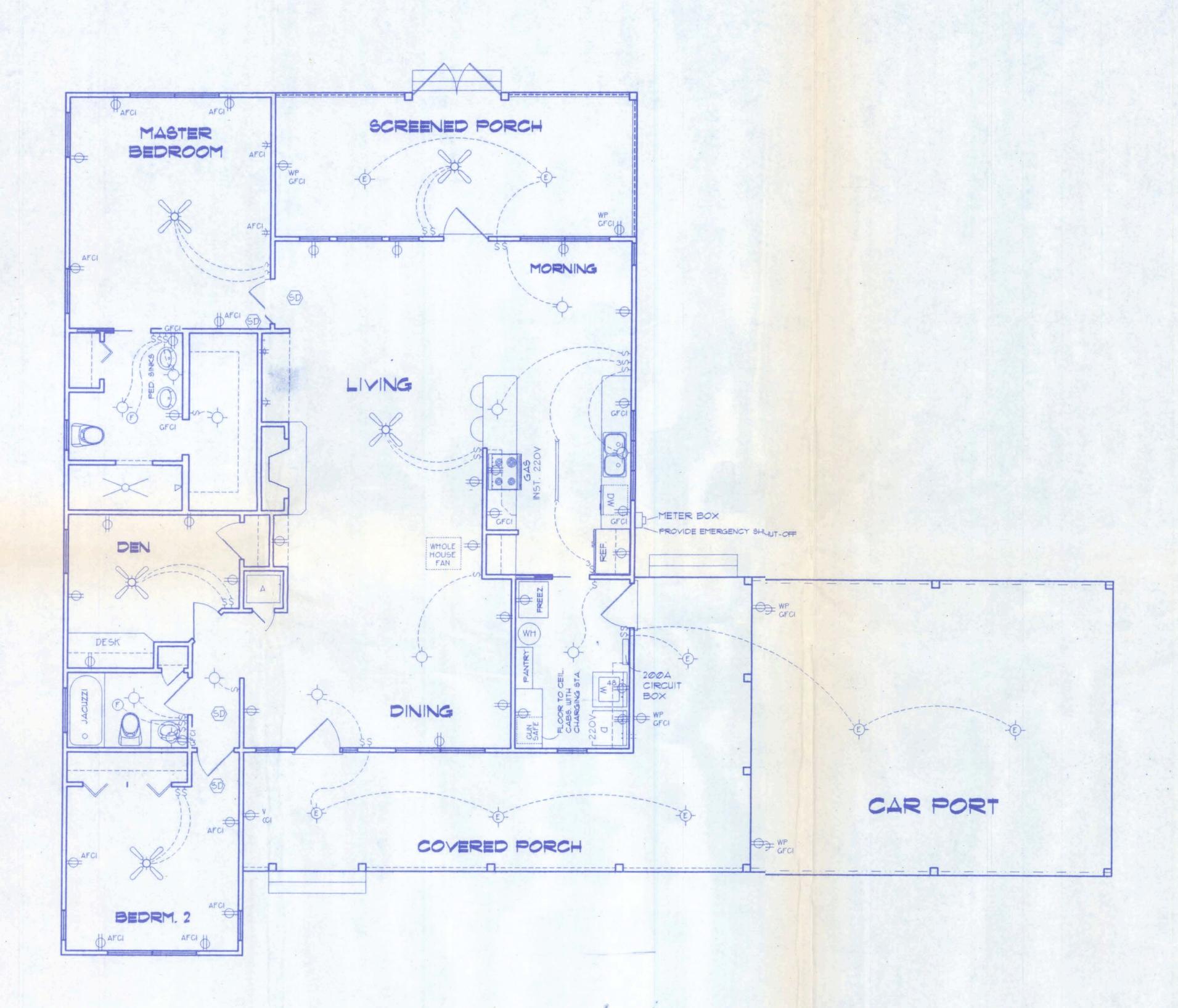
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CHECK:
T A D

PREPARED BY:
TIM DELBENE
Drafting + Technical Services
192 SW Segewood Gln., Lake City. FL 32024
Phone (386) 755-5891

SHEET: 4 OF 5 CAD FILE: 08009 REV: :es 32024 REV:

7-7-8



ELECTRICAL PLAN

NOT TO SCALE

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 CIRC. OUTLET = ARC FAULT CIRC. OUTLET = 110 V. SINGLE RECEPTACLE OUTLET. = 220 VOLT OUTLET (4 WIRE) = FAN LOCATION (CEILING) = FAN LOCATION (EXHAUST)

ELECTRICAL PLAN NOTES

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

= SMOKE DETECTOR

-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.

The 2007 Florida Statutes

553.885 Carbon monoxide alarm required

Every building for which a building permit is issued for new construction on or after July 1, 2008, and having a fossil-fuel-burning heater or appliance, a fireplace, or an attached garage shall have an approved operational carbon monoxide alarm installed within 10 feet of each room used for sleeping purposes.

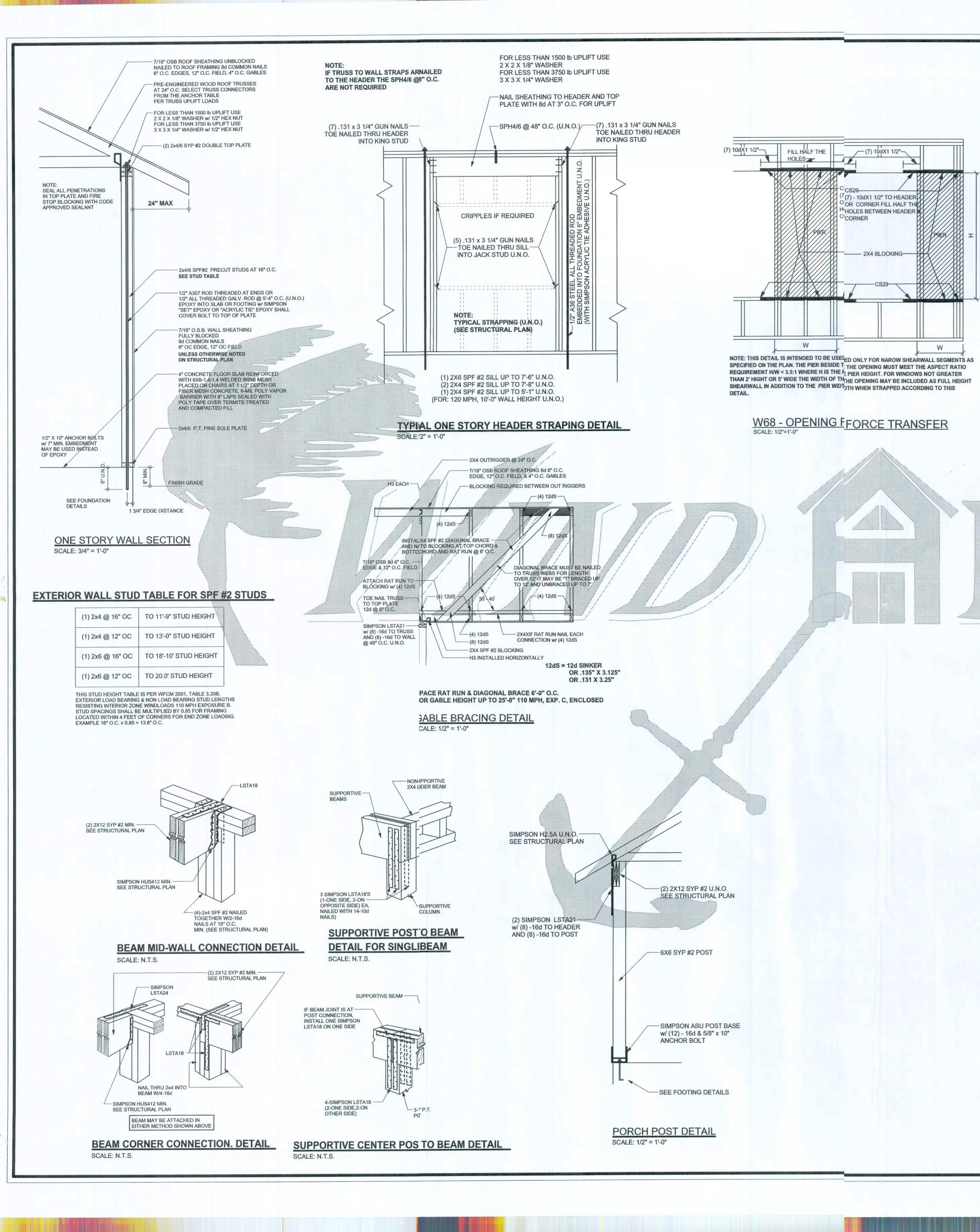
Combination smoke/carbon monoxide alarms shall be listed or labeled by a Nationally Recognized Test Laboratory.

4-5

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FILE:		SHEET:
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6-23-08		08009
AWN:	PREPARED BY:	REV:
TAD	TIM DELBENE Drafting + Technical Services	
HECK:	192 SW Sagewood Gln., Lake City, FL 32024	REV:
TAD	Phone (386) 755-5891	

SW LOGSTON CT.



ANCHOR TABLE

OBTAIN UPLIFT REQUIREMENTS FROM TRUSS MANUFACTURER'S ENGINEERING

JPLIFT LBS. SYP	UPLIFT LBS. SPF	TRUSS CONNECTOR*	TO PLATES	TO RAFTER/TRUSS	TO STUDS
< 420	< 245	H5A	3-8d	3-8d	
< 455	< 265	H5	4-8d	4-8d	
< 360	< 235	H4	4-8d	4-8d	
< 455	< 320	H3	4-8d	4-8d	
< 415	< 365	H2.5	5-8d	5-8d	
< 600	< 535	H2.5A	5-8d	5-8d	
< 950	< 820	H6	8-8d	8-8d	
< 745	< 565	H8	5-10d, 1 1/2"	5-10d, 1 1/2"	
< 1465	< 1050	H14-1	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
< 3965	< 3330	MGT		22 -10d	1-5/8" THREADED ROI 12" EMBEDMENT
< 10980	< 6485	HGT-2		16 -10d	2-5/8" THREADED ROI 12" EMBEDMENT
< 10530	< 9035	HGT-3		16 -10d	2-5/8" THREADED ROI 12" EMBEDMENT
< 9250	< 9250	HGT-4		16 -10d	2-5/8" THREADED ROI 12" EMBEDMENT
		STUD STRAP CONNECTOR*			TO STUDS
< 435	< 435	SSP DOUBLE TOP PLATE	3 -10d		4 -10d
< 455	< 420	SSP SINGLE SILL PLATE	1 -10d		4 -10d
< 825	< 825	DSP DOUBLE TOP PLATE	6 -10d		8 -10d
< 825	< 600	DSP SINGLE SILL PLATE	2 -10d		8 -10d
< 885	< 760	SP4			6-10d, 1 1/2"
< 1240	< 1065	SPH4			10-10d, 1 1/2"
< 885	< 760	SP6			6-10d, 1 1/2"
< 1240	< 1065	SPH6			10-10d, 1 1/2"
< 1235	< 1165	LSTA18	14-10d		
< 1235	< 1235	LSTA21	16-10d		
< 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	भाग्रां6	18 - 16d		5/8° AB
< 1400	✓ ≤ 1400	PAHD42	16-16d		10017
< 3335	< 3335	HPAHD22	16-16d		
< 2200	< 2200	ABU44	12-16d		1/2" AB
< 2300	< 2300	ABU66	12-16d		1/2" AB
< 2320	< 2320	ABU88	18 - 16d		2-5/8° AB

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" x 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 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" \times 2" \times 9/64"; WITH 5/8" BOLTS TO BE 3" \times 3" \times 9/64"; WITH 3/4" BOLTS TO BE 3" \times 3" \times 9/64"; WITH 7/8" BOLTS TO BE 3" \times 3" \times 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

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 FBCR 2004 REQUIREMENTS FOR THE STATED WIND VELOCITY AND DESIGN PRESSURES.

PROVIDE A CONTINUOUS LOAD PATH FROM TRUSSES TO FOUNDATION. IF YOU BELIEVE THE PLAN OMITS 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, RUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL

ROOF SYSTEM DESIGN

BEARING LOCATIONS

HE SEAL ON THESE PLANS FOR COMPLIANCE WITH FBCR 2004, SECTION R301.2.1 IS BASED ON REACTIONS, UPLIFTS, AND BEARING LOCATIONS IN 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 FBCR 2004 REQUIRED LOADS AND ANY SPECIAL TOADS. THE BUILDER IS RESPON 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

GRADE & SPECIES TABLE

OIV	DE d OI EO	120 17	IDLL	DEGIGN DATA
		Fb (psi)	E (10 ⁶ psi)	WIND LOADS PER FLORIDA BUILDING CODE 2004 RESIDEN
2x8	SYP #2	1200	1.6	(ENCLOSED SIMPLE DIAPHRAGM BUILDINGS WITH FLAT, I MEAN ROOF HEIGHT NOT EXCEEDING LEAST HORIZONTA ON UPPER HALF OF HILL OR ESCARPMENT 60FT IN EXP. I
2x10	SYP #2	1050	1.6	SLOPE AND UNOBSTRUCTED UPWIND FOR 50x HEIGHT O
2x12	SYP #2	975	1.6	BUILDING IS NOT IN THE HIGH VELOCITY HURRICANE ZON
GLB	24F-V3 SP	2400	1.8	BUILDING IS NOT IN THE WIND-BORNE DEBRIS REGION
LSL	TIMBERSTRAND	1700	1.7	1.) BASIC WIND SPEED = 110 MPH 2.) WIND EXPOSURE = B
LVL	MICROLAM	2900	2.0	3.) WIND IMPORTANCE FACTOR = 1.0
PSL	PARALAM	2900	2.0	4.) BUILDING CATEGORY = II

ROOF 20 PSF (FLAT OR <4:12)

SOIL BEARING CAPACITY 1000PSF

16 PSF (4:12 TO <12:12)

NOT IN FLOOD ZONE (BUILDER TO VERIFY)

12 PSF (12:12 AND GREATER)

STAIRS 40 PSF (ONE & TWO FAMILY DWELLINGS)

PRE ENGINEERED ROOF TRUSS -DOUBLE 2x4 SPF TOP PLATE NAILED TOGETHER W/2-16d NAILS AT 16" O.C. 4' MIN. LAP w/ (12) - 16d OR 4" LAP w/ CS20 w/ (4) - 16d &(14) - 10d INTERIOR CEILING AS -SPECIFIED ON FLOOR PLAN CONTINUOUS FRAME TO TOP PLATE AT BOTTOM CHORD OF TRUSS ALL STUDS TO BE 2x4 SPF NAILED TO TOP AND BOTTOM PLATES

> CONTINUOUS FRAME TO **CEILING DIAPHRAGM DETAIL**

SCALE: N.T.S.

WITH 2-16d NAILS

WIND LOADS PER FLORIDA BUILDING	CODE 2004 RESIDENTIA	AL, SE	СТІО	N R30	1.2.1
(ENCLOSED SIMPLE DIAPHRAGM BUIL MEAN ROOF HEIGHT NOT EXCEEDING ON UPPER HALF OF HILL OR ESCARP SLOPE AND UNOBSTRUCTED UPWIND	LEAST HORIZONTAL D MENT 60FT IN EXP. B. 3	OFT IN	SION	OR 60	FT; NO
BUILDING IS NOT IN THE HIGH VELOC	TY HURRICANE ZONE				
BUILDING IS NOT IN THE WIND-BORNE	DEBRIS REGION				
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 COEFFICIE	NT = N/A (ENCLOSED E	BUILDI	NG)		
8.) COMPONENTS AND CLADDING D		100000000000000000000000000000000000000		R301.	2(2))
Z ^Z	Zone	-		_	ea (ft2)
	1	19.9	-21.8	_	-18.1
2 2	2	19.9			-21.8
1	2 O'hg		-40.6		-40.6
2 2 2 1	3	19.9	-25.5	18.1	-21.8
4	3 O'hg	_	-68.3		-42.4
131 4	4		-23.6	18.5	-20.4
555	5	21.8	-29.1	18.5	-22.6
3	Doors	& Wind	ows	21.8	-29.1
3 2	25.5	st Case 5, 10 f			
	8x7 Ga			19.5	-22.9
2 2	16x7 G			18.5	-22.9
4 4 7	TOXT O	ago D	301	10.0	2.1.0
4 3 4 Z					
33					
44					
DESIGN LOADS					
FLOOR 40 PSF (ALL OTHER DWELLII	IG ROOMS)				
30 PSF (SLEEPING ROOMS)	io noomo,				
30 PSF (ATTICS WITH STORA	GE/				
10 PSF (ATTICS WITHOUT ST					

DIMENSIONS: limensions. Refer allouestions to Mark Disosway, P.E. or resolution. o not proceed without clarification COPYRIGHTS AND IROPERTY RIGHTS: Mark Disosway, P.E. iereby expressly reserve s common law copyights and property right in these instruments of ervice. This document not to be reproduced altered or copied in any orm or manner without first the express writte ermission and conset of Mark Disosway. CERTIFICATION: I hereby certify that I have examined this plan, aid that the applicable portions of the plan, rlating to wind engine comply with section F301.2.1, florida building code residential 2004 to the best of my LIMITATION: This deign is valid for one building, at specified ocation. P.L 53915

INDLOAD ENGINER: Mark Disosway,

PE No.53915, POB 88, Lake City, FL

32056, 386-754-5419

REVISIONS

SOFIPLAN

Norton Home <u>Improvements</u>

DamonResidence

ADDRESS: SW Ligston Ct. Ft. Whte, Florida

Mark Disosway P.E. P.O. 3ox 868 Lake City, Florida 32056 Phone: (386) 754 - 5419 Fax: (386) 269 - 4871

PRIN'ED DATE: July 02 2008 CHECKED BY: DRAWN BY:

FINALS DATE: 02Jun08

JOB NUMBER: 8(6304 DRAWING NUMBER

> **S-1** OF 33HEETS

