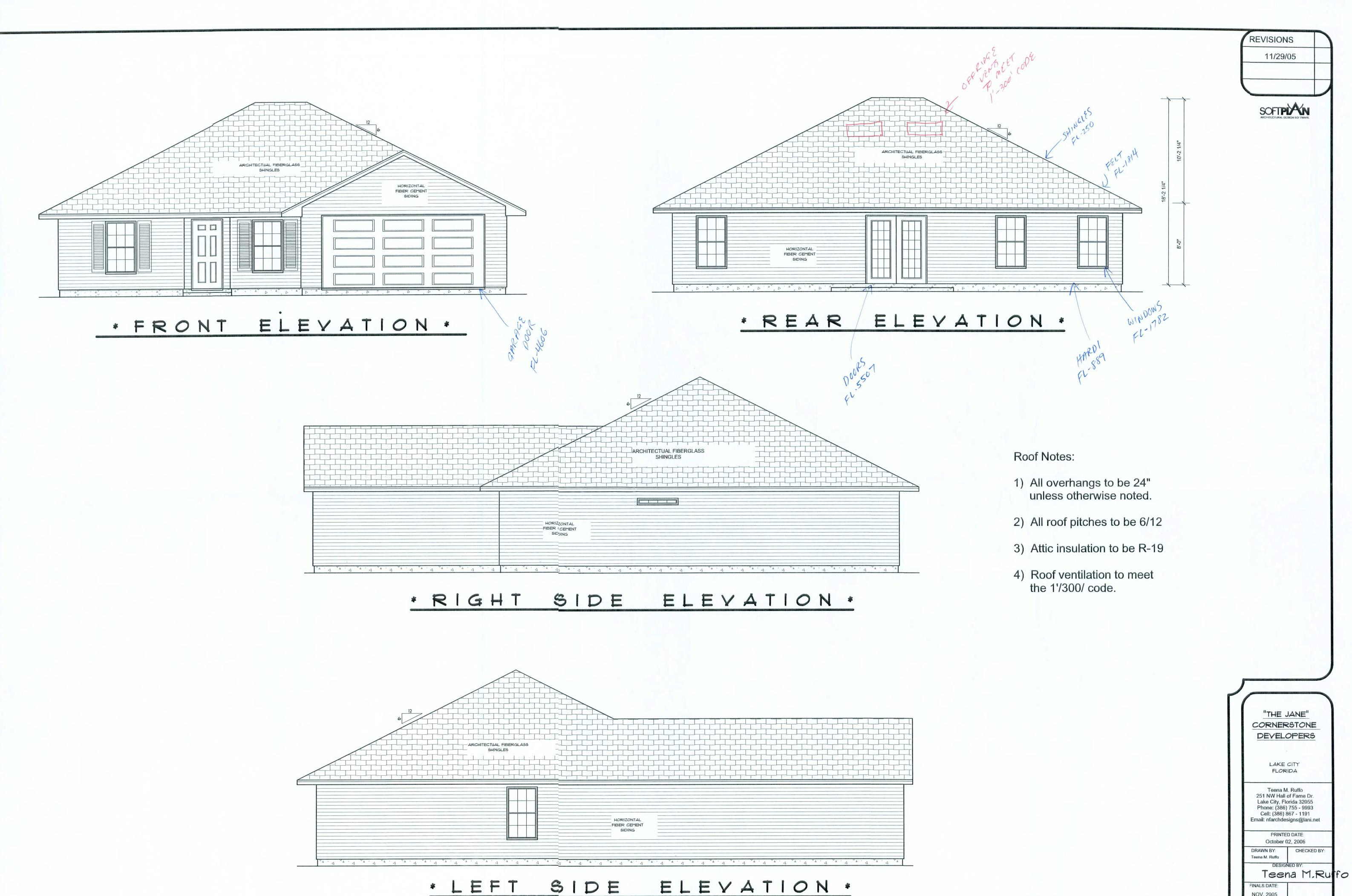
REVISIONS 11/29/05 12'-0" 15'-11" SOFTPIAN ARCHITECTURAL DESIGN SOFTWARE 443'-10" 2'-9 1/2" 11'-2 1/2" 8'-0 1/2" 18'-1" 3'-8 1/2" 3'-0" x 5'-0" 3'-0" \$ 5'-0" 3'-0" x 5'-0" SINGLEHUNG SINGLEHUNG SLLIDING GLASS 1 7'-1 1/2" 10'-11 1/4" 13'-5 3/4" FAMILY ROOM MASTER SUITE VAULTED CEILING 9'-5 1/4" 7'-0 1/2" 3'-9 1/2" 11'2 1/4" 13'-2 3/4" KITCHEN BEDROOM #2 MAGTER BATH 7'-5 1/4" FOYER
5'-5-1/2" 3'-9 3/4" LIVING/DINING 11'-11 1/2" 20 min. fire rated door ENFRY 6'-0" 3'-0" x 5'-0" __ 1/2" gypsum barrier 3'-0" * 5'-0')" 2 CAR GARAGE "THE JANE" CORNERSTONE DEVELOPERS Magnolia Hills Lot 33 LAKE CITY FLORIDA Chris W. Cox 252 N.W. Ivy Glen Lake City, Florida 32055 386-752-1711 A/C LIVING AREA = 1608 S.F. ENTRANCE = 19 S.F. GARAGE = 468 S.F. TOTAL S.F. = 2095 S.F. 386-867-0633 3'-5" 33'-3 1/2" 6'-0" 2'-7" 2'-7" 5'-11 1/2" PRINTED DATE: October 02, 2006 DRAWN BY: CHECKED BY: 11'-11 1/2" 6'-8 1/2" 20'-0" 43'-10" Plan On Us LLC. * FLOOR PLAN * FINALS DATE: JOB NUMBER: SCALE; 1/4" = 1'-0" DRAWING NUMBER I OF 3 SHEETS



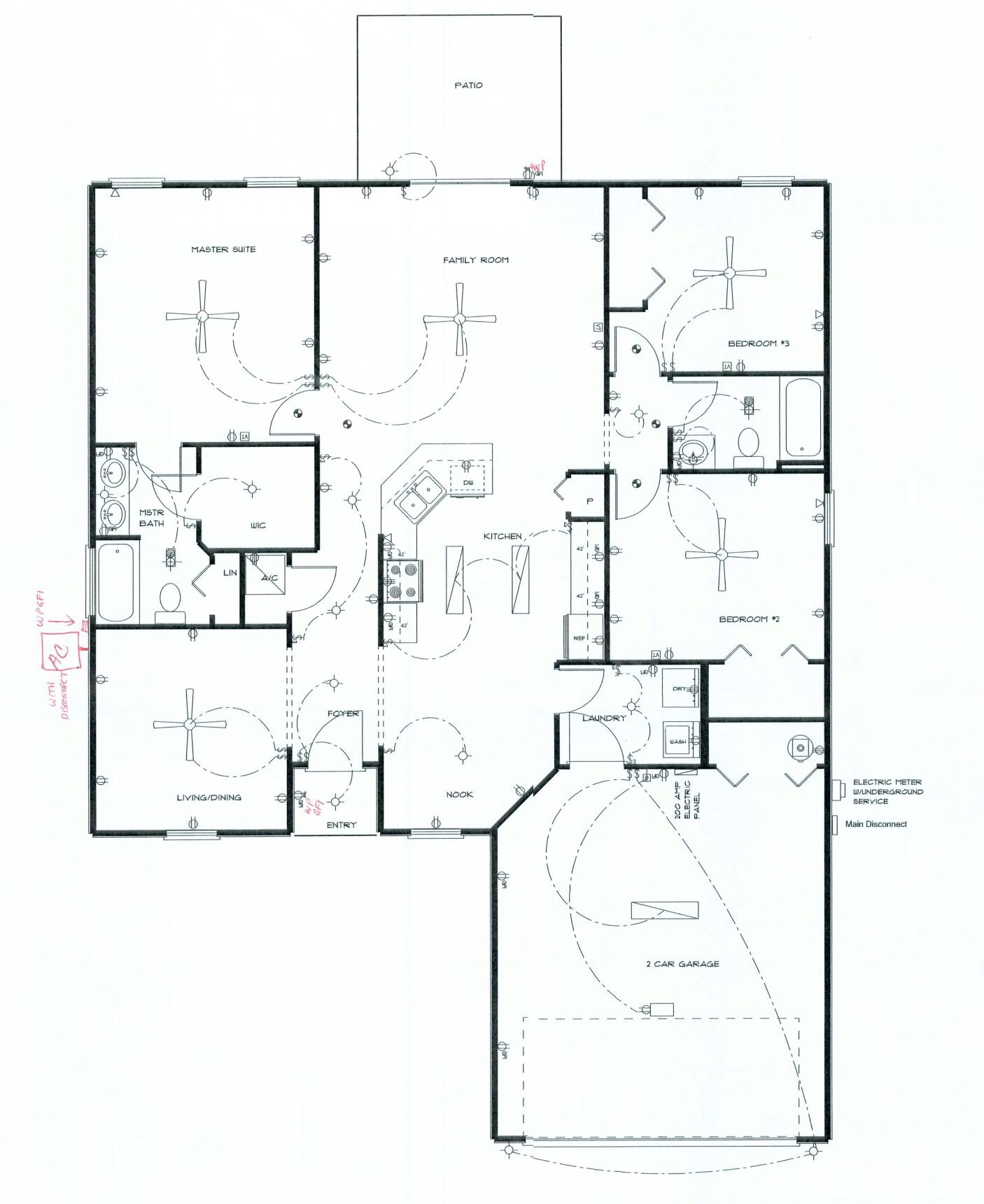
JOB NUMBER:

DRAWING NUMBER

OF 2 SHEETS

REVISIONS 11/29/05

SOFTPIAN



ELECTRICAL	COUNT	SYMBOL
fluorescent fixture	3	
200 amp service panel	1	ZOC AMP ELECTRIC PANEL
automatic garage dr opener	1	
cable tv outlet	4	M
ceiling fan	5	
electric meter	1	ELECTRIC HETER IMMDERGROUND SERVICE
garage dr opener	1	ф
gfi waterproof outlet	2	₽æ.
light	13	
outlet	36	ф
outlet 220v	4	46
outlet gfi	11	Ø.ou
smoke detector	5	•
switch	22	\$
switch 3 way	6	\$:
telephone	4	Δ
vent light combo	2	шф-

ELECTRICAL PLAN NOTES

- E-I WIRE ALL APPLIANCES, HYAC UNITS AND OTHER EQUIPMENT PER MANUFACTORS SPECIFICATIONS.
- E-2 CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.
- E-4 ALL INSTALLATIONS SHALL BE PER NATIONAL ELECTRIC CODE.
- E-3 ALL SMOKE DETECTORS SHALL BE 120V W/BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
- E-5

 TELEPHONE, TELEVVISION AND OTHER LOW VOLTAGE DEVICES
 OR CUTLETS SHALL BE AS PER THE OWNERS DIRECTION AND IN
 ACCORDANCE WITH APPLICABLE SECTIONS OF NATIONAL ELCT.
 CODE LATEST EDITION.
- E-6 ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- ENTRY OF SERVICE UNDERGROUND OR OVERHEAD) IS TO BE DETERMINED BY THE POWER COMPANY.
- ALL BEDROOM RECEPTICALS ARE TO BE AFCI (ARC FAULT CIRCUIT INTERRUPT)
- E-9 All Exterior GFI'S to be Weatherproof

"THE JANE"

CORNERSTONE

DEVELOPERS

Magnolia Hills Lot 33

LAKE CITY FLORIDA

Chris W. Cox 252 N.W. Ivy Glen Lake City, Florida 32055 386-752-1711 386-867-0633

PRINTED DATE:
October 02, 2006

DRAWN BY: CHECKE

DESIGNED BY:
Plan On Us LL

Plan On Us LLC.

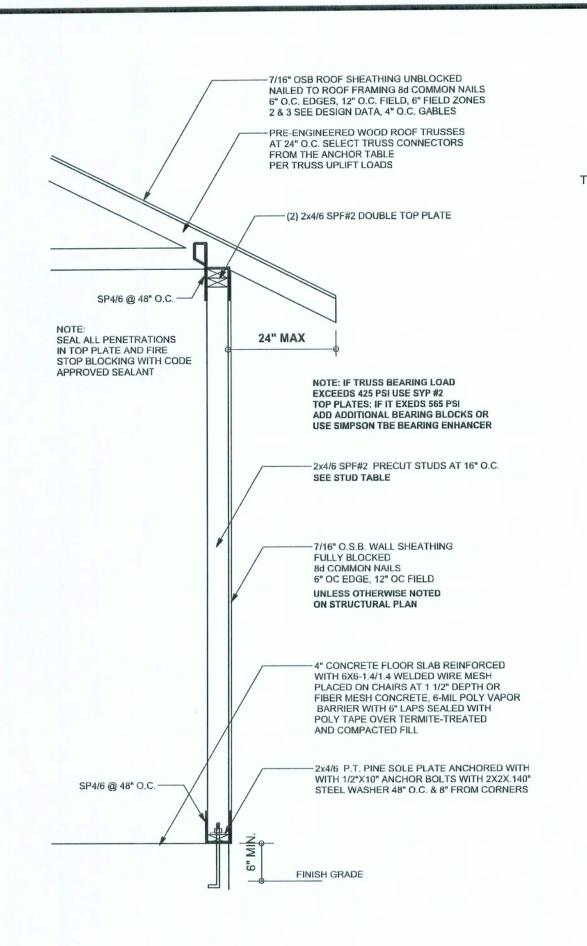
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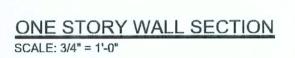
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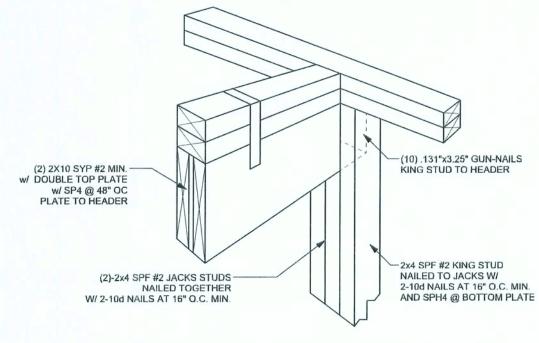
3 OF3 SHEETS

SCALE: 1/4" = 1'0"

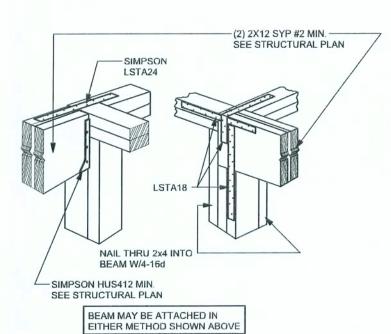
* ELECTRIC PLAN *



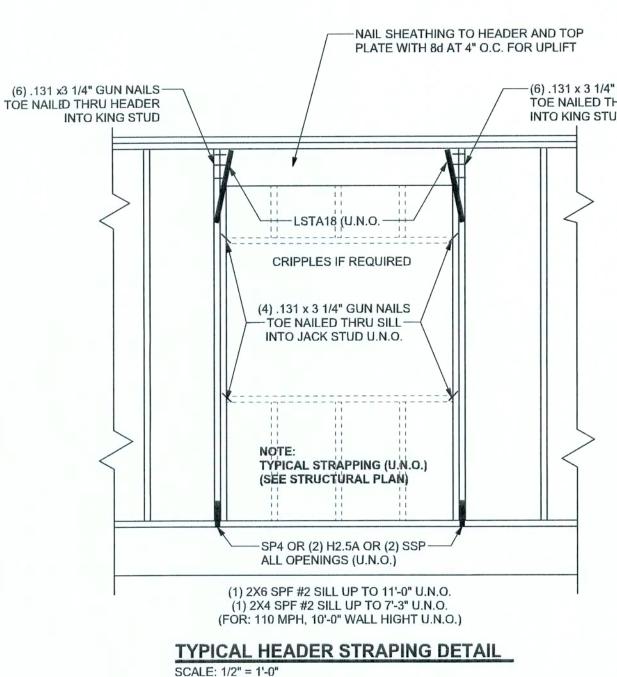


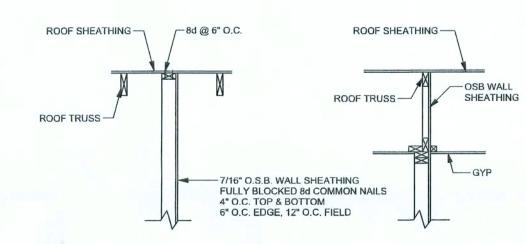


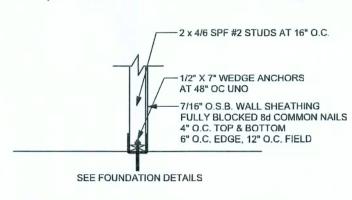
BEAM MID-WALL CONNECTION DETAIL



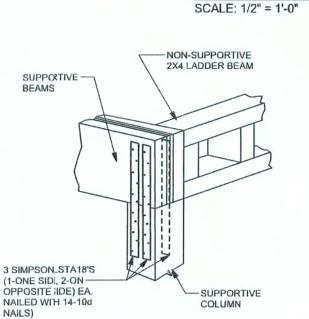
BEAM CORNER CONNECTION. DETAIL SCALE: N.T.S.



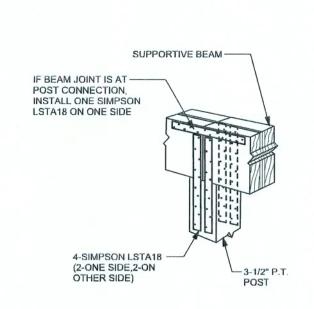




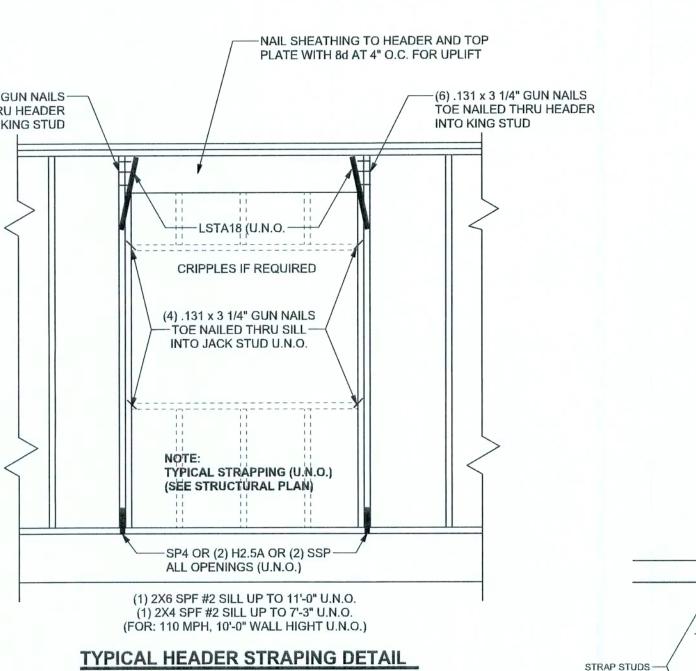
INTERIOR SHEAR WALL DETAIL

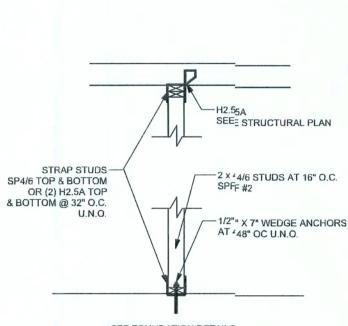


SUPPORTIVE POST TO BEAM **DETAIL FOR SINGLE BEAM**



SUPPORTIVE CENTER POST TO BEAM DETAIL





INTERIOR BEARING WALL

UPLIFT LBS. SYP UPLIFT LBS. SPF TRUSS CONNIECTOR* TO PLATES TO RAFTER/TRUSS

H2.5

H2.5A

H14-1

H14-2>

H10-1

H16-1

H16-2

MTS24(C

HTS244

2 - HTS224

LGT2

EAVY GIRDER Triedowns*

HGT-22

HGT-33

HGT-4

STUD STRAP CONNECTOR*

SSP SINGLE SILLL PLATE

DSP SINGLE SILL PLATE

LSTA188

LSTA211

STUD ANCHYORS*

HD2A

HTT16;

PAHD422

HPAHD222

ABU441

ABU883

SSP DOUBLE TOP PLATE 3 -10d

DSP DOUBLE TOP PLATE 6 -10d

ANCHOR TABLE

< 420

< 455

< 360

< 455

< 415

< 600

< 950

< 745

< 1465

< 1465

< 990

< 760

< 1470

< 1470

< 1000

< 1450

< 2900

< 2050

< 3965

< 10980

< 10530

< 9250

< 435

< 825

< 825

< 885

< 1240

< 885

< 1240

< 1235

< 1235

< 1030

< 1705

< 1350

< 2310

< 2775

< 4175

< 1400

< 3335

< 2200

< 2300

< 2320

OBTAIN UPLIFT REQUIREMENTS FROM TRUSS

< 245

< 265

< 235

< 320

< 365

< 535

< 820

< 565

< 1050

< 1050

< 850

< 655

< 1265

< 1265

< 860

< 1245

< 2490

< 1785

< 3330

< 6485

< 9035

< 9250

< 435

< 825

< 600

< 760

< 1065

< 760

< 1065

< 1165

< 1235

< 1030

< 1705

< 1305

< 2310

< 2570

< 3695

< 1400

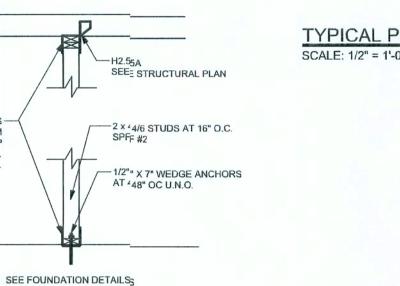
< 3335

< 2200

< 2300

< 2320

SIMPSON H2.5A U.N.O. SEE STRUCTURAL PLAN -(2) 2X10 SYP #2 U.N.O. SEE STRUCTURAL PLAN (2) SIMPSON LSTA21w/ (8) -16d TO HEADER AND (8) -16d TO POST -----6X6 SYP #2 POST -SIMPSON ABU POST BASE w/ (12) - 16d & 5/8" x 10" ANCHOR BOLT -SEE FOOTING DETAILS TYPICAL PORCH POST DETAIL SCALE: 1/2" = 1'-0"



3-8d

4-8d

4-8d

4-8d

5-8d

5-8d

8-8d

5-10d, 1 1/2"

12-8d, 1 1/2"

12-8d, 1 1/2"

8-8d, 1 1/2"

2-10d, 1 1/2

2-10d, 1 1/2"

7-10d 1 1/2"

12-10d 1 1/2"

14 -16d

22 -10d

16-10d

16 -10d

TO FOUNDATION

12" EMBEDMENT

12" EMBEDMENT

2-5/8" THREADED ROD

12" EMBEDMENT

12" EMBEDMENT

TO STUDS

4-10d

4 -10d

8 -10d

8 -10d

6-10d, 1 1/2"

10-10d, 1 1/2"

10-10d, 1 1/2"

TO FOUNDATION

1/2" AB

1/2" AB

5/8" AB

5/8" AB

1/2" AB

2-5/8" AB

6-10d, 1 1/2"

-5/8" THREADED ROD

6-10d

3-8d

4-8d

4-8d

4-8d

5-8d

5-8d

8-8d

13-8d

15-8d

8-8d, 1 1/2"

6-10d

10-10d, 1 1/2"

7-10d 1 1/2"

12-10d 1 1/2"

14 -16d

14-10d

16-10d

18-8d

28-8d

TO STUDS

8-16d

18-10d, 1 1/2"

2-5/8" BOLTS

18 - 16d

16-16d

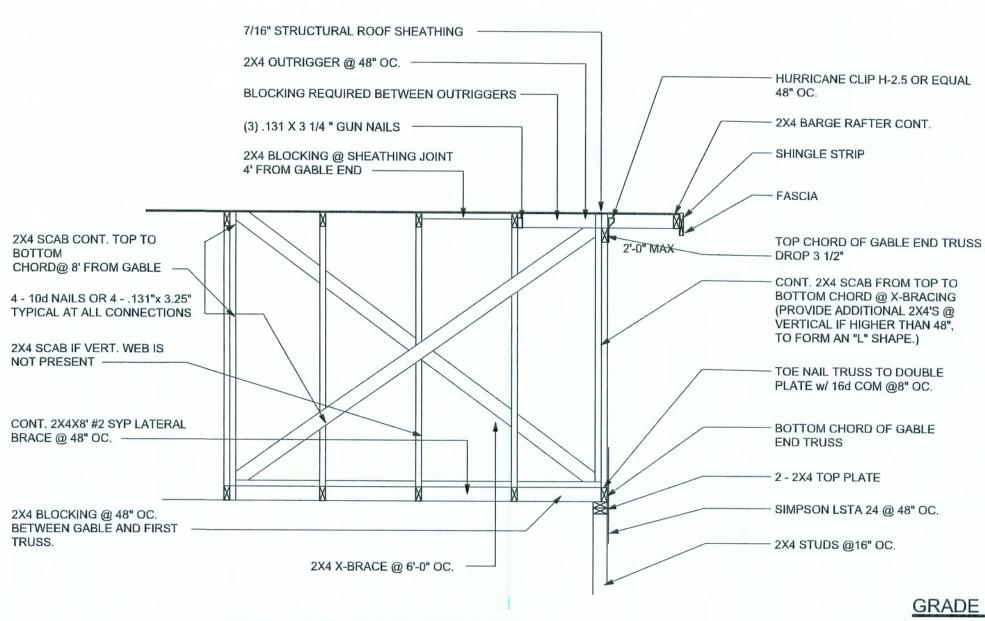
16-16d

12-16d

12-16d

18 - 16d

5-10d, 1 1/2"



TYPICAL GABLE END (X-BRACING)

ALL MEMBERS SHALL BE SYP

GRADE & SPECIES TABLE

REVISIONS

SOFTPLAN

		Fb (psi)	E (10 ⁶ psi)
2x8	SYP #2	1200	1.6
2x10	SYP #2	1050	1.6
2x12	SYP #2	975	1.6
GLB	24F-V3SP	2400	1.8
LSL	TIMBERSTRAND	1700	1.7
LVL	MICROLAM	2900	2.0
PSL	PARALAM	2900	2.0

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 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 DWNER 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 48 * DB (30" FOR #5 BARS); UNO. ALL REINFORCEMENT SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 315-96, U.N.O.

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.

	WNER ARE RESPONSIBLE FOR THE FOLLOWING, WHICH AR PART OF THE WIND LOAD ENGINEER'S SCOPE OF WORK.
	NS, FOUNDATION BEARING CAPACITY, GRADE AND SPEED AND DEBRIS ZONE, AND FLOOD ZONE.
	CONSTRUCTION TECHNIQUES, WHICH COMPLY WITH FBCR 2004 ESTATED WIND VELOCITY AND DESIGN PRESSURES.
	LOAD PATH FROM TRUSSES TO FOUNDATION. IF YOU S A CONTINUOUS LOAD PATH CONNECTION, CALL FRIMMEDIATELY.
DESIGN, PLACEMENT PLA	JFACTURER'S SEALED ENGINEERING INCLUDES TRUSS NS, TEMPORARY AND PERMANENT BRACING DETAILS, ECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL

ROOF SYSTEM DESIGN

THE SEAL ON THESE PLANS FOR COMPLIANCE WITH FBCR 2004, SECTION R302.1.2 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 FBCR 2004 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.

EXTERIOR WALL STUD TABLE FOR SPF #2 STUDS

(1) 2x4 @ 16" OC	TO 11'-9" STUD HEIGHT
(1) 2x4 @ 12" OC	TO 13'-0" STUD HEIGHT
(1) 2x6 @ 16" OC	TO 18'-10' STUD HEIGHT
(1) 2x6 @ 12" OC	TO 20.0' STUD HEIGHT

THIS STUD HEIGHT TABLE IS PER WFCM 2001, TABLE 3.20B,

RESISTING INTERIOR ZONE STUD SPACINGS SHALL BE LOCATED WITHIN 4 FEET OF EXAMPLE 16* O.C. x 0.85 = 1	MULTIPLIED BY CORNERS FOR	0.85 FC	R FRA	MING		
WIND LOADS PER FLORIDA BUILDING CODE 2004	RESIDENTIA	L, SE	CTIO	N R30	1.2.1	
(ENCLOSED SIMPLE DIAPHRAGM BUILDINGS WIT MEAN ROOF HEIGHT NOT EXCEEDING LEAST HO ON UPPER HALF OF HILL OR ESCARPMENT 60FT SLOPE AND UNOBSTRUCTED UPWIND FOR 50X H	RIZONTAL D	IMEN OFT IN	SION VEXP	OR 60	FT; NO	
BUILDING IS NOT IN THE HIGH VELOCITY HURRIC	CANE ZONE					
BUILDING IS NOT IN THE WIND-BORNE DEBRIS R	EGION					
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 (I	ENCLOSED R	IIII DI	NG)			
8.) COMPONENTS AND CLADDING DESIGN WIN				D204	2(2)\	
3., CONFORCIATO AND CLADDING DESIGN WIN	D FRESSURI	_3 (1)	ADLE	KJU I	.2(2))	
2	Zone	Effec	tive W	ve Wind Area (ft2)		
			0	-	100	
	1	-	-21.8	-	-18.1	
2 2	2	19.9	-25.5	18.1	-21.8	
9	2 O'hg	1.0	-40.6		-40.6	
2 2 2 5	3	19.9	-25.5	18.1	-21.8	
4 13	3 Oʻhg	0.1.5	-68.3		-42.4	
	4		-23.6	-	-20.4	
555	5	21.8	-29.1	18.5	-22.6	
		st Cas	е	21.8	-29.1	
		5, 10				
I I I I I I I I I I I I I I I I I I I	0 v7 Car	D		10.5	22.0	

(3/	2	(Zone 5, 10 ft2)	-	
5	2	8x7 Garage Door	19.5	-22.9
2	4 /2/ 5	16x7 Garage Door	18.5	-21.0
	55			
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)			
SOIL BE	ARING CAPACITY 1000PSF			
NOT IN	FLOOD ZONE (BUILDER TO VERIFY)			

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

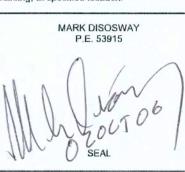
ated dimensions supercede scale dimensions. Refer all guestions to Mark Disosway, P.E. for resolution. Do not proceed without clarification. OPYRIGHTS AND PROPERTY RIGHTS: Mark Disosway, P.E. hereby expressly reser ts common law copyrights and property right these instruments of service. This document is not to be reproduced, altered or copied in any

DIMENSIONS

permission and consent of Mark Disosway. CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineer comply with section R301.2.1, florida building code residential 2004, to the best of my

form or manner without first the express writte

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



Cornerstone <u>Development</u> Zecher Bryan

ADDRESS: Lot #33 Magnolia Hills Lake City, Florida

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

> PRINTED DATE: October 02, 2006 STRUCTURAL B

> > EVAN BEAMSLE

FINALS DATE:

Oct. 1, 2006 JOB NUMBER: 609124 DRAWING NUMBER

OF 2 SHEETS

