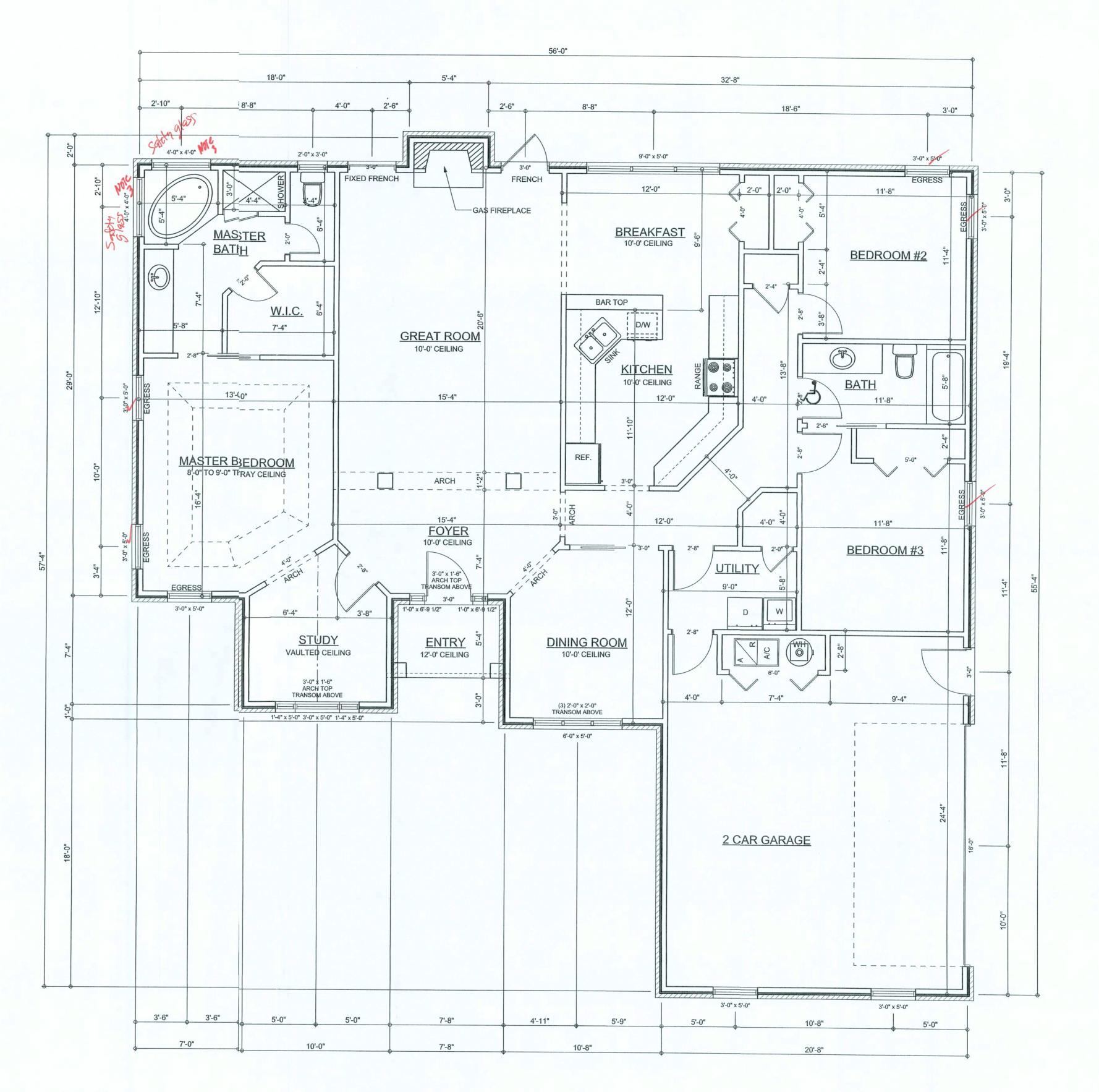


TYPICAL DESIGN WALL SECTION



FLOOR PLAN SCALE: 1/4" = 1'-0" ALL CEILING HEIGHTS TO BE 8'-0" UNLESS NOTED) OTHERWISE

AREA SUMMARY

LIVING AREA	1845	S.F.
GARAGE AREA	494	S.F.
PORCH AREA	41	S.F.
TOTAL AREA	2380	S.F.

REVISIONS

SOFTPILAN

WINDLOAD ENGINEER: Mark Dsosway, PE No.53915, POB 868, Lake Ciy, FL Stated dimensions supercede scaled dimensions. Refer all questions to Mark Disosway, P.E. for resolution. Do not proceed without clarification. COPYRIGHTS AND PROPERTYRIGHTS:
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permission and consent of Mark bisosway. CERTIFICATION: I hereby certifythat I have examined this plan, and that the ipplicable portions of the plan, relating to wind engineering comply with section 1609, floridabuilding code 2004, to the best of my knowledge. LIMITATION: This design is validfor one building, at specified location. MARK DISOSWAY P.E. 53915

> **SPARKS CONSTRUCTION**

Spec House Lct #4 Rolling Meadovs S/D

ADDRESS: Spec House Lot #4 Rolling Meadows 3/D Columbia County Forida Mark DisoswayP.E. P.O. Box 863 Lake City, Florida32056 Phone: (386) 754-5419 Fax: (386) 269 -4871

windloadengineer@bellscuth.net PRINTED DATE: November 28, 205 DRAWN BY: CHECKED BY:

Ben Sparks

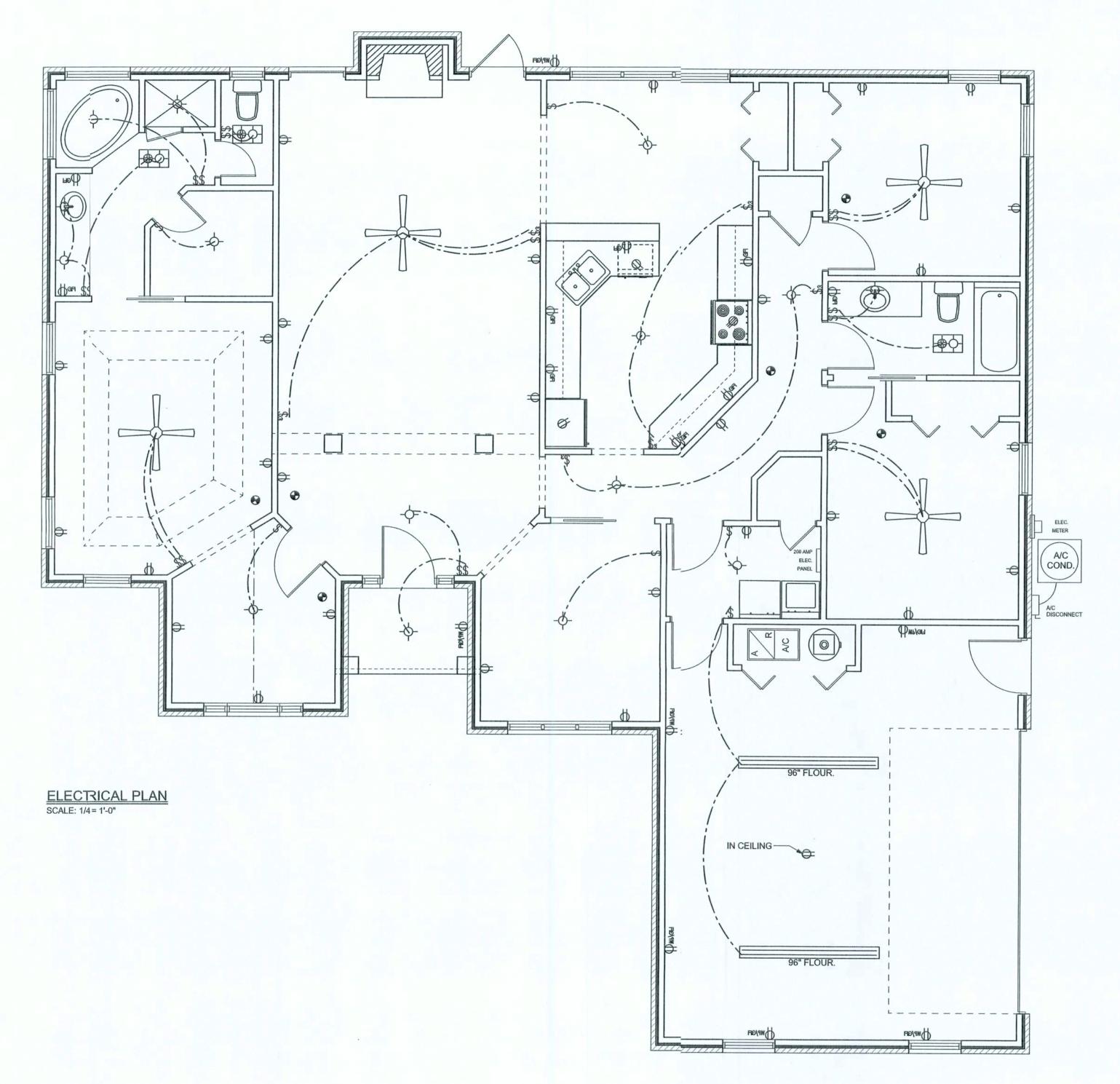
FINALS DATE: 23 / Nov / 05

JOB NUMBER: 511235 DRAWING NUMBER

> **A-2** OF 6 SHEETS

REVISIONS

SOFTPIAN



ELECTRICAL PLAN NOTES

- E -1 WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.
- E -2 CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.
- E -3 ALL INSTALLATIONS SHALL BE PER NAT'L. ELECTRIC CODE.
- E -4

 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, 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.
- E -6 ELECTRICAL CONT'R SHALL BE RESPONSIBLE FOR THE DESIGN & SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- E -7 ENTRY OF SERVICE (UNDERGROUND OR OVERHEAD) TO BE DETERMINED BY POWER COMPANY.
- E -8 ALL BEDROOM RECEPTACLES SHALL BE AFCI (ARC FAULT CIRCUIT INTERRUPT)
- E -9 ALL OUTLETS TO BE LOCATED ABOVE BASE FLOOD ELEVATION

	ELECTRICAL LEGEND			
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)			
QD	DOUBLE SECURITY LIGHT			
	2X4 FLUORESCENT LIGHT FIXTURE			
0	RECESSED CAN LIGHT			
→ 🛞	BATH EXAUST FAN WITH LIGHT			
₩	BATH EXAUST FAN			
	LIGHT FIXTURE			
Ф	DUPLEX OUTLET			
₩	220v OUTLET			
фая	GFI DUPLEX OUTLET			
•	SMOKE DETECTOR			
\$	WALL SWITCH			
\$3	3 WAY WALL SWITCH			
\$	4 WAY WALL SWITCH			
d _{vP/GFI}	WATER PROOF GFI OUTLET			
∇	PHONE JACK			
0	TELEVISION JACK			
•	GARAGE DOOR OPENER			
WALL HEATER				

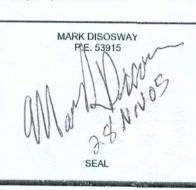
WINDLOAD ENGINEER: Mark Dsosway, PE No.53915, POB 868, Lake Ciy, FL 32056, 386-754-5419

DIMENSIONS:
Stated dimensions supercede scaed dimensions. Refer all questions to Mark Disosway, P.E. for resolution.
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LIMITATION: This design is validfor one building, at specified location.



SPARKS CONSTRUCTION

Spec House Lct #4 Rolling Meadows S/D

ADDRESS:
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Columbia County Forida

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PRINTED DATE:
November 28, 2005

DRAWN BY: CHECKED BY:

Ben Sparks

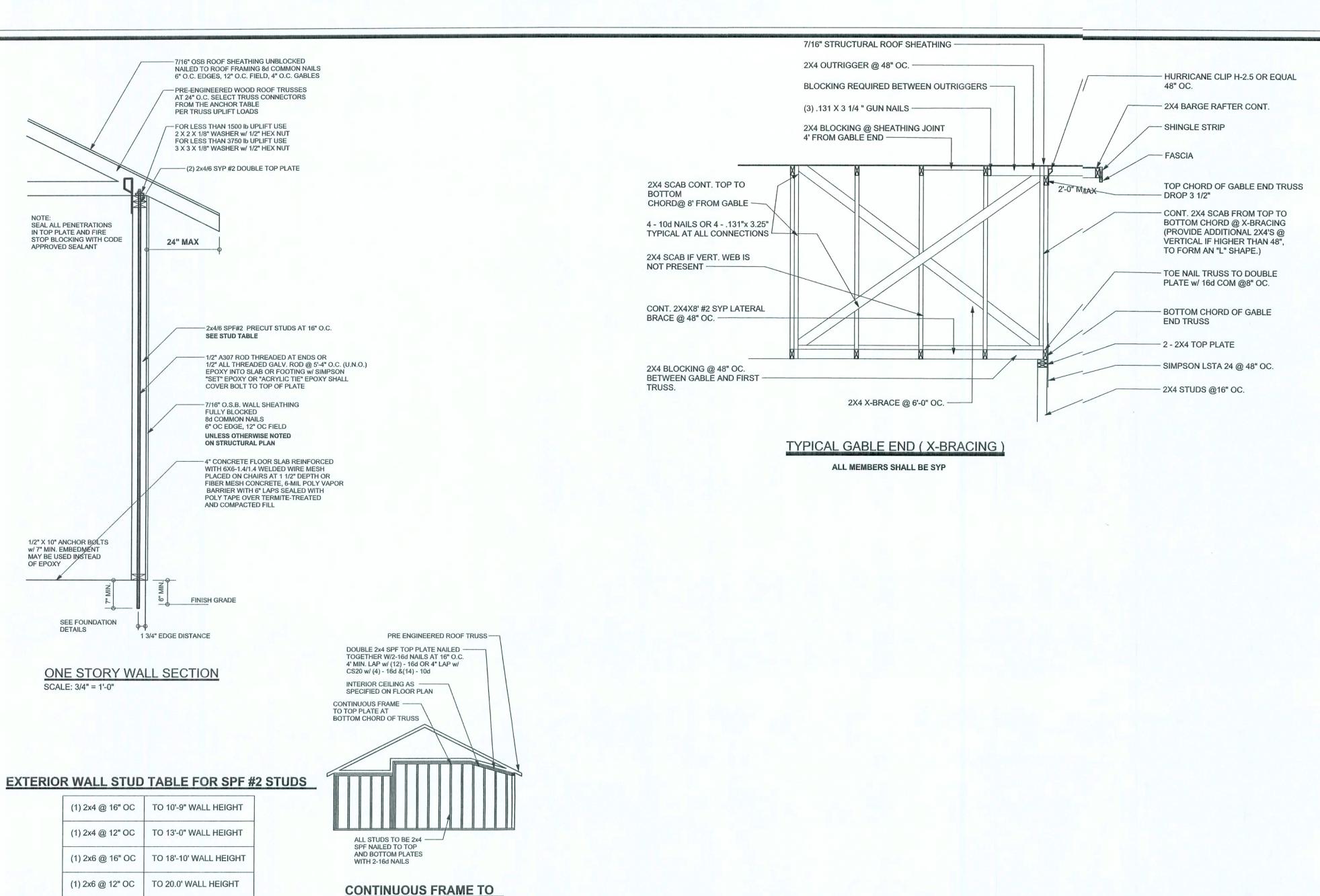
FINALS DATE: 23 / Nov / 05 JOB NUMBER:

DRAWING NUMBER

A-3

511235

OF 6 SHEETS



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 4-8		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 RO 12" EMBEDMENT	
< 10980	< 6485	HGT-2		16 -10d	2-5/8" THREADED RO 12" EMBEDMENT	
< 10530	< 9035	HGT-3		16 -10d	2-5/8" THREADED RO 12" EMBEDMENT	
< 9250	< 9250	HGT-4		16 -10d	2-5/8" THREADED RO 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	HTT16	18 - 16d		5/8" AB	
< 1400	< 1400	PAHD42	16-16d			
< 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 FBC 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" x 6" w 1.4 x W 1.4, 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 SLABS: 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 48 * DB (30" 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"OC 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 LOAD

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

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 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. TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS.

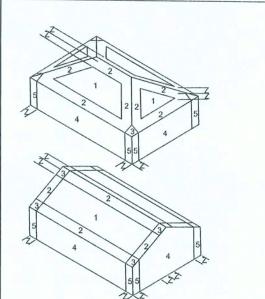
ROOF SYSTEM DESIGN

THE SEAL ON THESE PLANS FOR COMPLIANCE WITH FBC 2004, SECTION 1609 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 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.

WIND LOADS PER FLORIDA BUILDING CODE 2004, SECTION 1609

DESIGN DATA

ON SLC	ICLOSED SIMPLE DIAPHRAGM BUILDINGS WITH FLAT, HIPPED, OR GABLE ROOFS; AN ROOF HEIGHT NOT EXCEEDING LEAST HORIZONTAL DIMENSION OR 60 FT; NOT UPPER HALF OF HILL OR ESCARPMENT 60FT IN EXP. B, 30FT IN EXP. C AND >10% OPE AND UNOBSTRUCTED UPWIND FOR 50x HEIGHT OR 1 MILE WHICHEVER IS LESS
BUI	LDING IS NOT IN THE HIGH VELOCITY HURRICANE ZONE
BUI	LDING 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 COEFFICIENT = N/A (ENCLOSED BUILDING, 1609.6)
8.)	COMPONENTS AND CLADDING DESIGN WIND PRESSURES (FBC TABLE 1609.6 B&C



Zone	Effective Wind Area (ft2)			
	10			100
1	19.9	-21.8	18.1	-18.1
2	19.9	-25.5	18.1	-21.8
2 O'hg		-40.6		-40.6
3	19.9	-25.5	18.1	-21.8
3 O'hg		-68.3		-42.4
4	21.8	-23.6	18.5	-20.4
5	21.8	-29.1	18.5	-22.6
Doors	& Wind	dows	21.8	-29.1
Wor	st Cas	е		
(Zone	5, 10	ft2)		
8x7 Gar	age D	oor	19.5	-22.9
16x7 Ga	arage [Door	18.5	-21.0

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 BEARING CAPACITY 1000PSF

NOT IN FLOOD ZONE (BUILDER TO VERIFY)

SPARKS CONSTRUCTION

WINDLOAD ENGINEER: Mak Disosway,

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CERTIFICATION: I hereby cetify that I have examined this plan, and that he applicable portions of the plan, relating to wind engines

omply with section 1609, florda building code

MARK DISOSVAY

2004, to the best of my knowledge. IMITATION: This design is wild for one

building, at specified location.

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

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32056, 386-754-5419

IMENSIONS:

REVISIONS

Spec House Lot #4 Rolling Meadows S/D

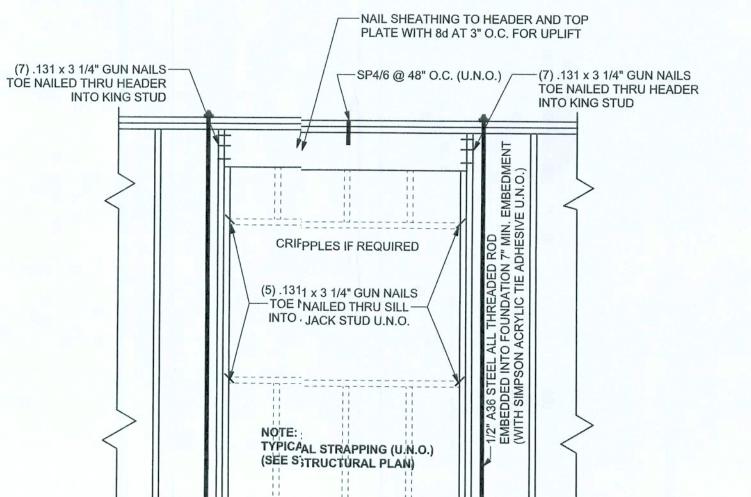
ADDRESS:

Spec House Let #4 Rolling Meadovs S/D Columbia County Florida Mark Disosway P.E. P.O. Box 868 Lake City, Florica 32056 Phone: (386) 754 - 5419 Fax: (386) 269 - 4871 windloadengineer@belsouth.net

PRINTED DATE: November 28,2005 DRAWN BY: CIECKED BY:

FINALS DATE: 23 / Nov / 05 JOB NUMBER: 511235

> DRAWING NUMBER S-1 OF 6 SHEETS



FOR LESS THAN 1500 Ib UPLIFT USE

FOR LESS THAN 3750 Ib UPLIFT USE

2 X 2 X 1/8" WASHER

3 X 3 X 1/8" WASHER

IF TRUSS TO WALL STRAPS ARE NAILED

TO THE HEADER THE SP4/6 @ 48" O.C.

ARE NOT REQUIRED

(2) 2X4 SPF= #2 SILL UP TO 7'-8" U.N.O. (1) 2X4 SPF= #2 SILL UP TO 5'-1" U.N.O. (FOR: 120 MPH, 10'-0" WALL HEIGHT U.N.O.) TYPICAL 1 STORY HEADER STRAPING DETAIL

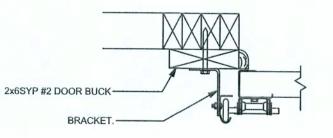
(1) 2X6 SPF= #2 SILL UP TO 7'-6" U.N.O.

GRADE & SPECIES TABLE

		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-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:

DOOR 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

NAILS AT 16" O.C. MIN. (SEE STRUCTURAL PLAN) BEAM MID-WALL CONNECTION DETAIL -- (2) 2X12 SYP #2 MIN. -----SEE STRUCTURAL PLAN LSTA24

-(4)-2x4 SPF #2 NAILED

TOGETHER W/2-16d

(2) 2X12 SYP #2 MIN. ----SEE STRUCTURAL PLAN

SEE STRUCTURAL PLAN

NAIL THRU 2x4 INTO BEAM W/4-16d - SIMPSON HUS412 MIN SEE STRUCTURAL PLAN

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

BEAM MAY BE ATTACHED IN

EITHER METHOD SHOWN ABOVE

SUPPORTIVE CENTER POST TO BEAM DETAL SCALE: N.T.S.

CEILING DIAPHRAGM DETAIL

SUPPORTIVE-

3 SIMPSON LSTA18'S (1-ONE SIDE, 2-ON-OPPOSITE SIDE) EA.

NAILED WITH 14-10d

NAILS)

IF BEAM JOINT IS AT-

POST CONNECTION.

LSTA18 ON ONE SIDE

OTHER SIDE)

2X4 LADDER BEAM

COLUMN

SUPPORTIVE POST TO BEAM

DETAIL FOR SINGLE BEAM

SUPPORTIVE BEAM -

SIMPSON H2.5A U.N.O. -SEE STRUCTURAL PLAN

(2) SIMPSON LSTA21-

w/ (8) -16d TO HEADER

AND (8) -16d TO POST

TYPICAL PORCH POST DETAIL SCALE: 1/2" = 1'-0"

(2) 2X10 SYP #2 U.N.O.

-6X6 SYP #2 POST

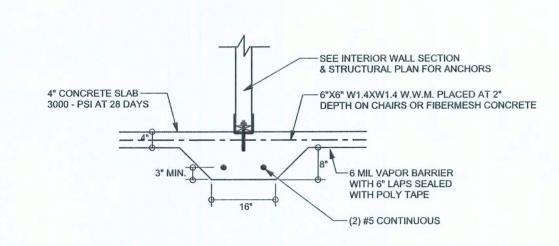
SEE STRUCTURAL PLAN

-SIMPSON ABU POST BASE

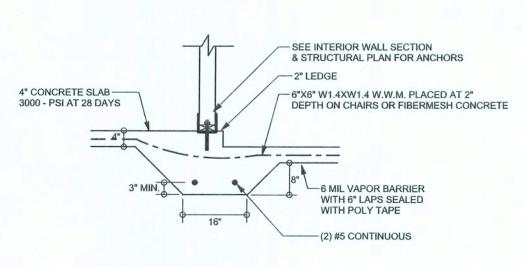
w/ (12) - 16d & 5/8" x 10"

-SEE FOOTING DETAILS

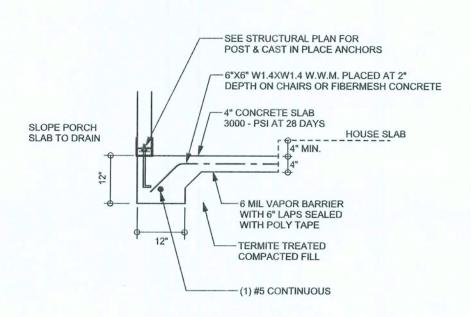
ANCHOR BOLT



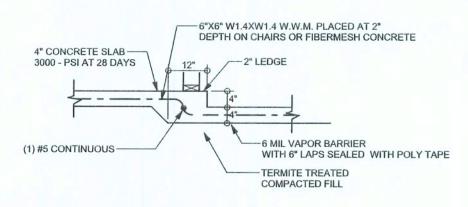
INTERIOR BEARING FOOTING S-2 | SCALE: 1/2" = 1'-0"



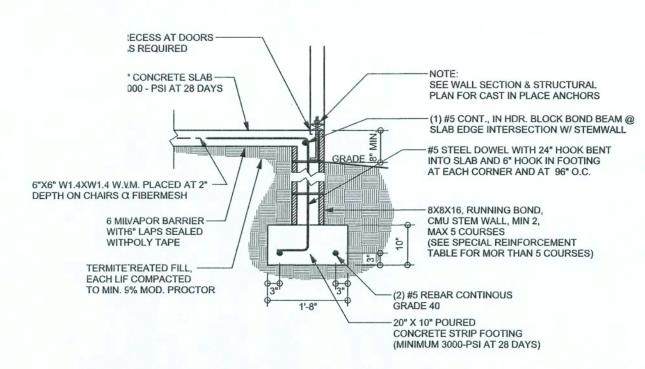
INTERIOR BEARING STEP FOOTING WITH 2" LEDGE S-2 SCALE: 1/2" = 1'-0"



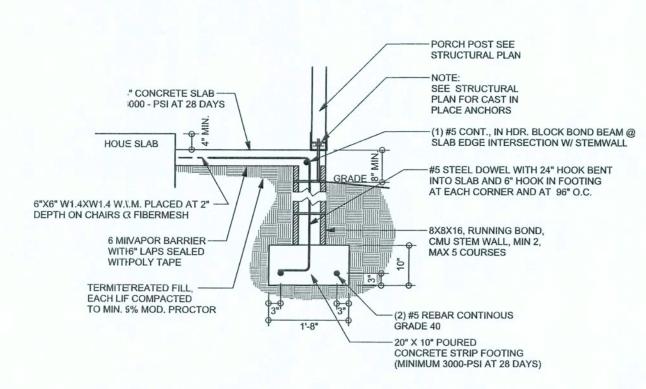
F5 PORCH FOOTING S-2 SCALE: 1/2" = 1'-0"



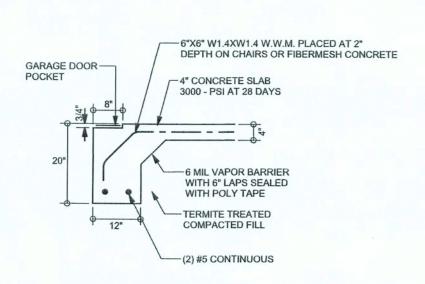
TYPICAL NON - BEARING STEP FOOTING SCALE: 1/2" = 1'-0"



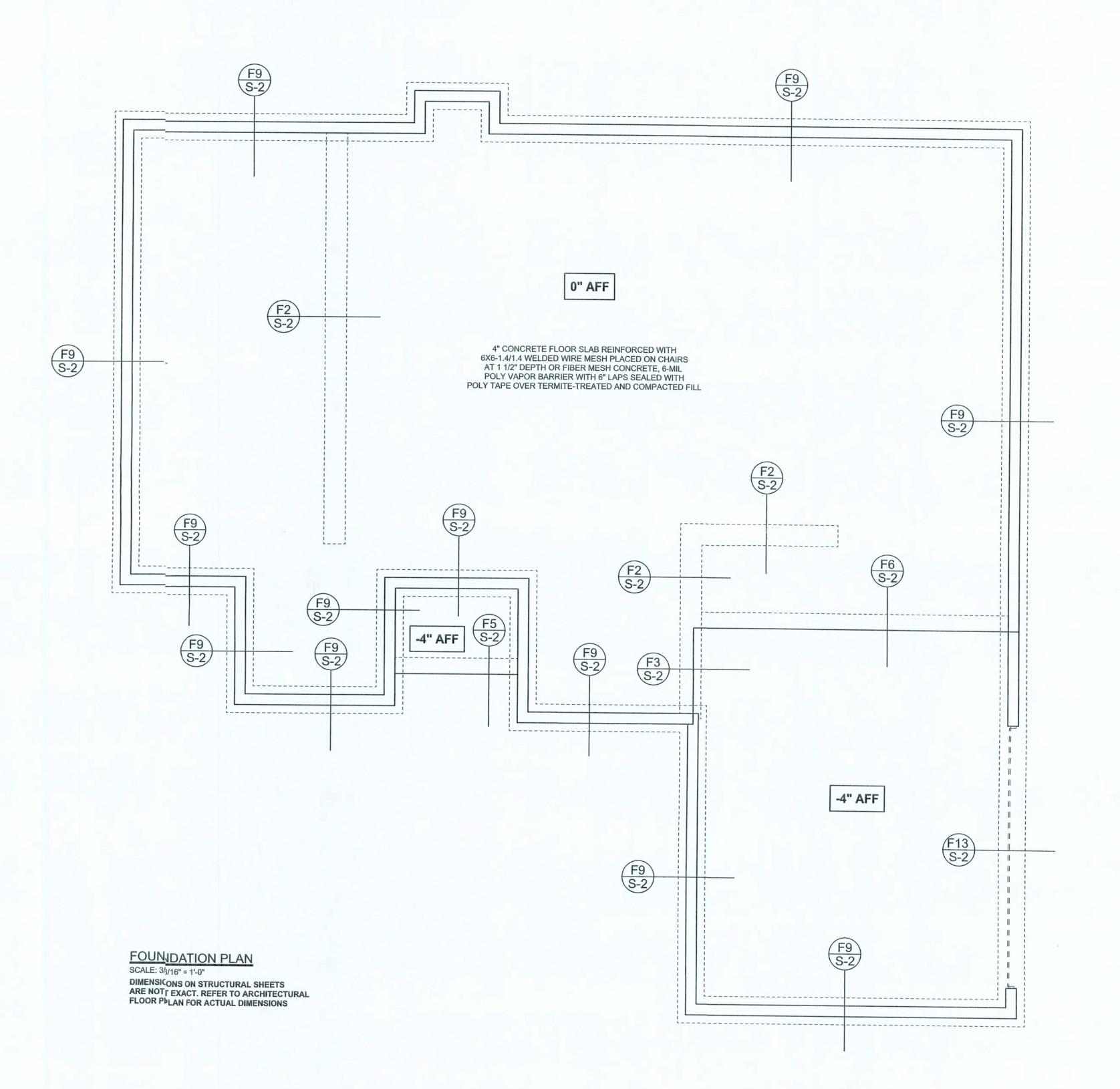
F9 STEM WALL FOOTING SCALE: 1/2" = 1'-0"



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



F13 ALT. STEM WALL GARAGE DOOR FOOTING
S-2 SCALE: 1/2" = 1'-0"

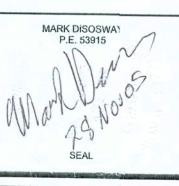


REVISIONS

WINDLOAD ENGINEER: Mark (isosway, PE No.53915, POB 868, Lake Cty, FL 32056, 386-754-5419 Stated dimensions supercede scaled dimensions. Refer all questions b Mark Disosway, P.E. for resolution. Do not proceed without clarification.

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examined this plan, and that the applicable portions of the plan, relating to wnd engineering comply with section 1609, floridabuilding code 2004, to the best of my knowledge. LIMITATION: This design is valid for one building, at specified location.



SPARKS CONSTRUCTION

Spec House Let #4 Rolling Meadovs S/D

ADDRESS: Spec House Lot #4 Rolling Meadows 3/D Columbia County Forida Mark DisoswayP.E. P.O. Box 863 Lake City, Florida32056

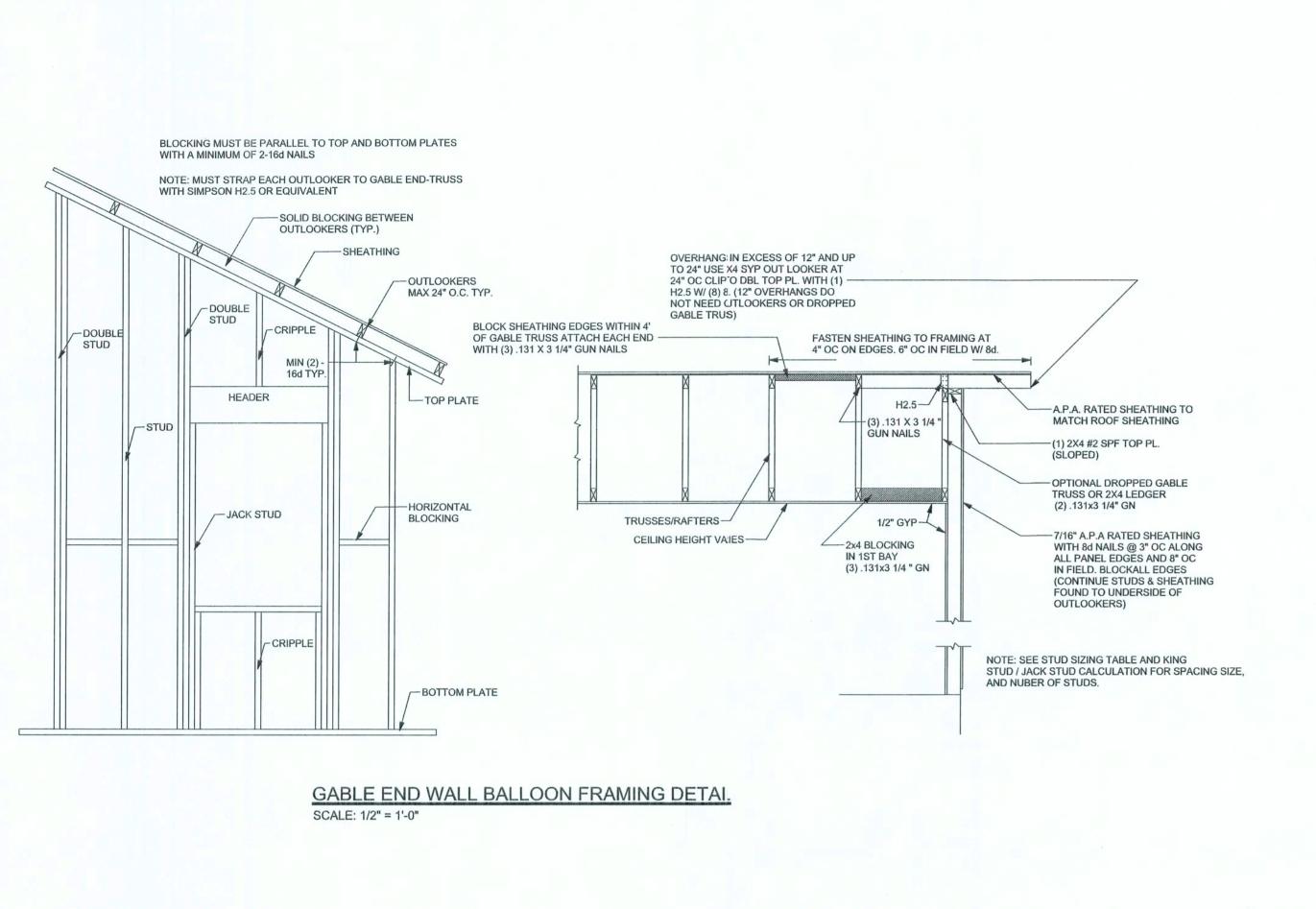
Phone: (386) 754 - 5419 Fax: (386) 269 -4871 windloadengineer@bells(uth.net PRINTED DATE:

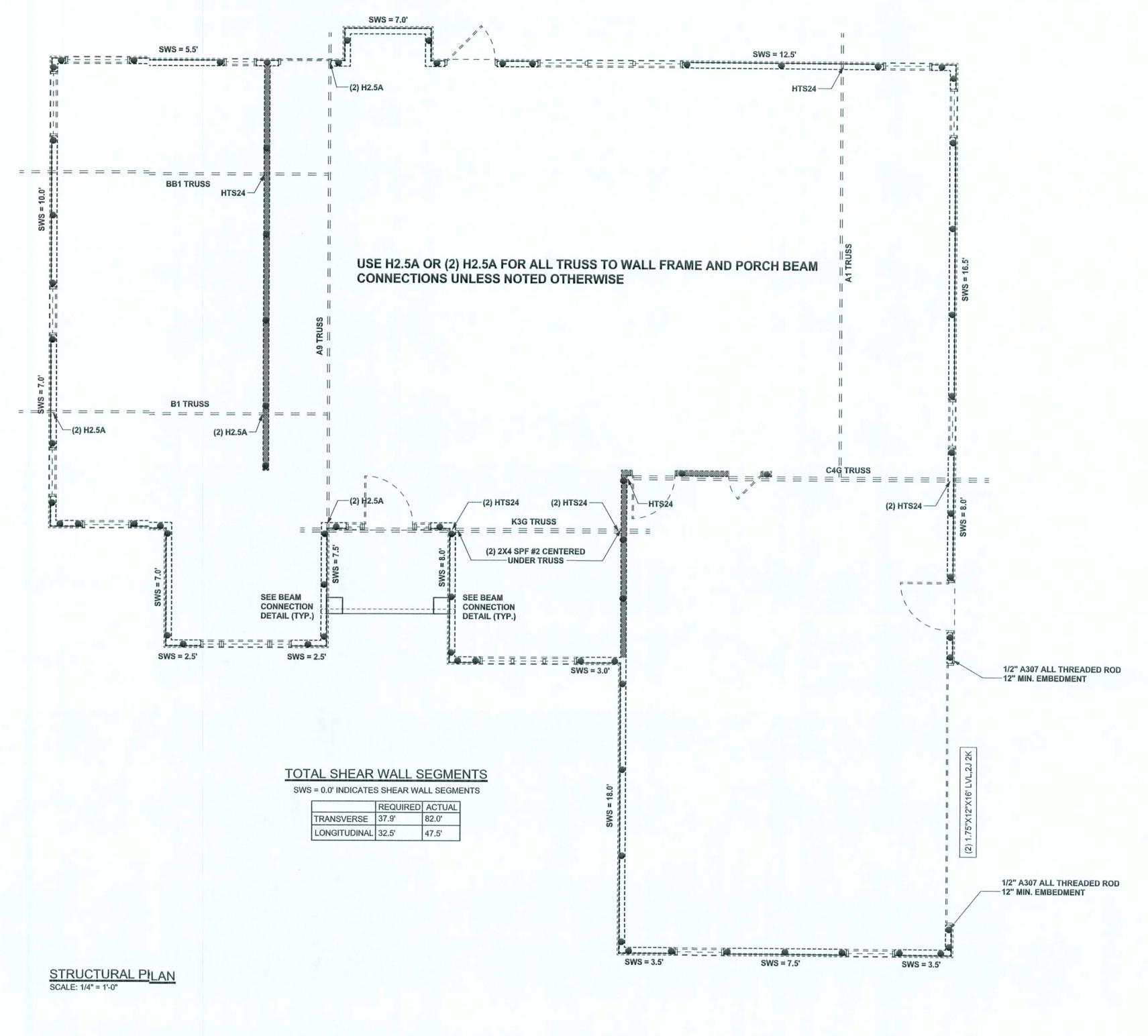
November 28, 2005 DRAWN BY: CHECKED BY: Ben Sparks

FINALS DATE: 23 / Nov / 05

> JOB NUMBER: 511235 DRAWING NUMBER

> > **S-2** OF 6 SHEETS





STRUCTURAL PLAN NOTES

TRUSS PACKAGE

- 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.)

DIMENSIONS ON STRUCTURAL SHEETS

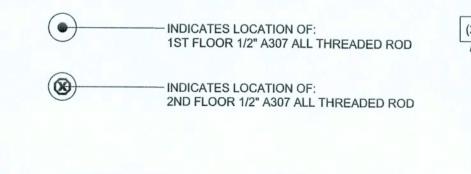
- SN-3 ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS.

 LATERAL BRACING IS TO BE RESTRAINED PER BCSI1-03, BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED

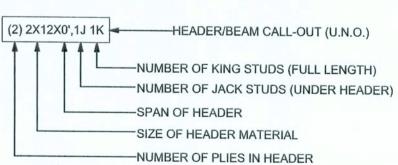
WALL LEGEND

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



HEADER LEGEND



CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. ANDERSON TRUSS CO. (JOB #5-426) SPARKS

WINDLOAD ENGINER: Mark Disosway, PE No.53915, POB \$8, Lake City, FL

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permission and consent of Mark Disosway.

CERTIFICATION: I hreby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with section 509, florida building code

MARK JISOSWAY P.E. 53915

2004, to the best of ny knowledge.

LIMITATION: This design is valid for one

building, at specified boation.

Stated dimensions swercede scaled dimensions. Refer allquestions to Mark Disosway, P.E. or resolution. Do not proceed without clarification.

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32056, 386-754-5419

REVISIONS

SOFIPIAN

Spec Hoise Lot #4 Rolling Meadows S/D

CONSTRUCTION

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Columbia County Florida

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windloadenginer@bellsouth.net

PRINTED DATE:

Novemter 28, 2005

DRAWN BY: CHECKED BY:

FINALS DATE: 23 / Nov / 05

Ben Sparks

JOB NUMBER: 511235 DRAWING NUMBER

S-3
OF 6 SHEETS