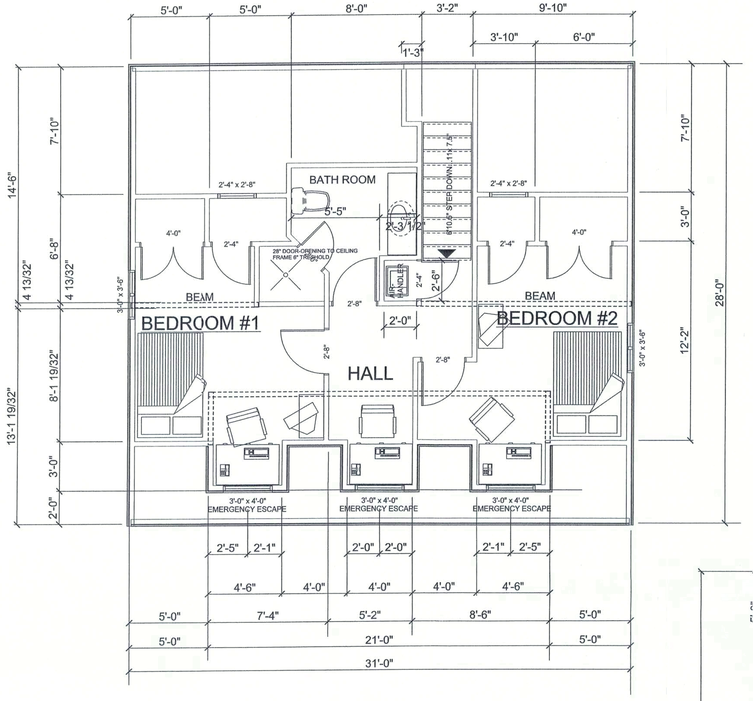


SECOND FLOOR PLAN

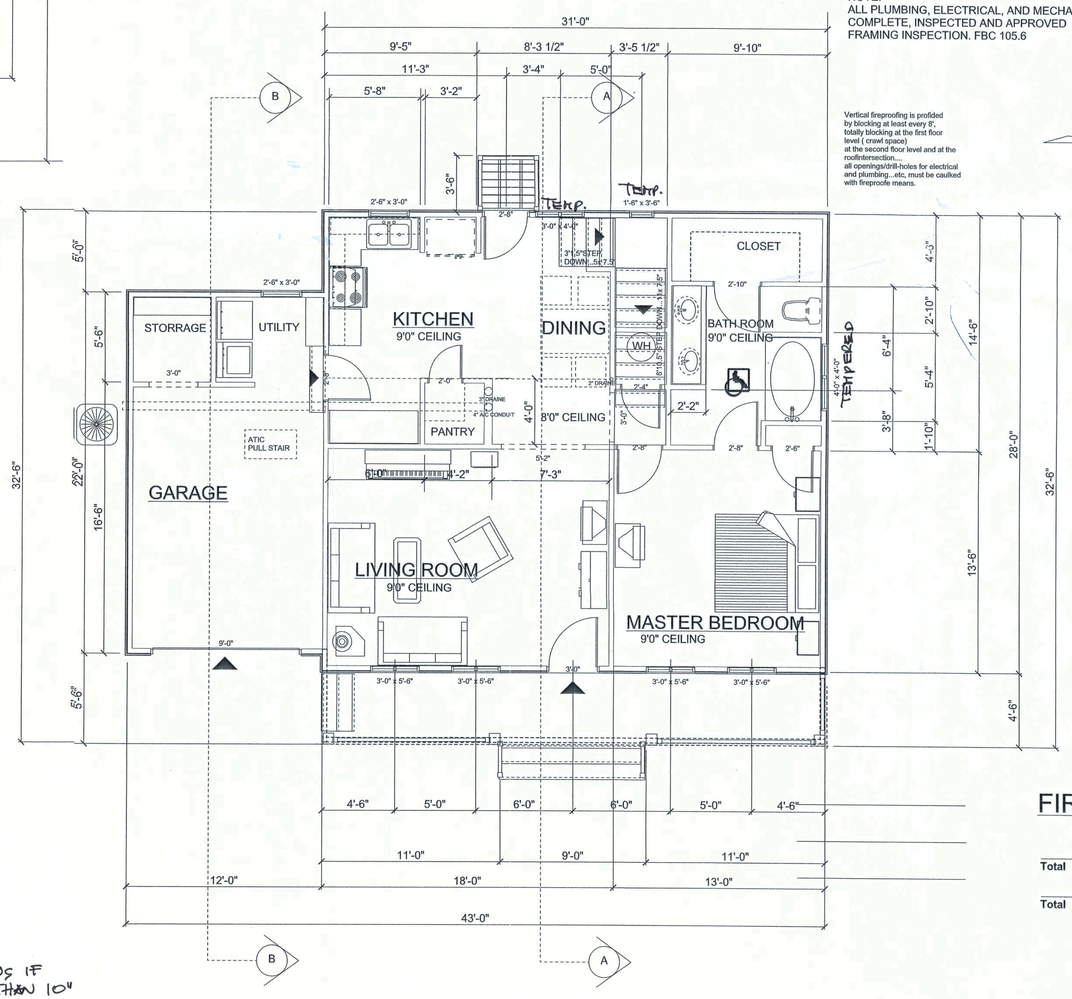
797 SQFT

WINDOW & DOOR SCHEDULE

1. ENTRANCE DOOR 30/68,IN STEEL
2. GARAGE DOOR 7' x 9' , W/SQUARE TOPLITES... CLOPAY, MODEL#75
3. WINDOWS INSULATED, COLONIAL, WHITE BETTER BUILD SERIES 740 A
   A. FIRST FLOOR : 4 x 30/56
      1 x 40/40 TEMP, OBSCURE
      1 x 30/40 TEMP
      1 x 16/36 TEMP
      2 x 26/30

   B. SECOND FLOOR: 2 x 30/36
      3 x 30/40 CASEMENT EMERGENCY ESCAPE MIN 5.7 sf OPENING H=24" W=20"

4. PATIO FRENCH DOOR, STEEL, PBDDIO RH INSWING 30/68, COLONIAL WHITE



FIRST FLOOR PLAN

528.3 sqft under AC
868.0 sqft 2. Floor
Total 1396.3 sqft under AC
269.8 sqft Garage
131.7 sqft Porches
Total 1797.8 sqft

Vertical fireproofing is profided by blocking at least every 8', totally blocking at the first floor level (crawl space) at the second floor level and at the roofintersection... all openings/drill-holes for electrical and plumbing...etc, must be caulked with fireproofe means.

STAIR DATA

1. RUNN
5 x 7.5" = 3'1.5" STAIR RISE
10" TREADS
....7.5" x 2 + 10" = 25"

2. RUNN
11 x 7.5" = 6'10.5" STAIR RISE
10" TREADS
....7.5" x 2 + 10" = 25"
PROVIDE 1" NOSING IF TREADS ARE LESS THAN 10"

NOTE:
ALL EXTERIOR WINDOWS AND GLASS DOORS ARE REQUIRED TO BE TESTED IN ACCORDANCE WITH " ANSI/AMMA/NWWDA 101/IS2 STANDARD" AND BEAR AN "AMMA OR WDMA" LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT TESTING ENTTY. FBC 1707.4.2.1

NOTE:
ALL EXTERIOR WINDOWS AND DOORS SHALL BE ANCHORED PER PUBLISHED AND ATTACHED MANUFACTURER'S RECOMMENDATIONS AND DETAILS TO ACHIEVE THE DESIGNED PRESSURE SPECIFIED. FBC 1707.4.4.1

NOTE:
ALL EXTERIOR WINDOWS AND GLASS DOORS WHERE BUCK THICKNES IS LESS THAN 1 1/2 INCHES, SHALL BE ANCHORD THROUGH THE JAMB INTO THE STRUCTURAL SUBSTRADE. FBC 1707.4.4.2
SEE ALSO PUBLISHED AND ATTACHED MANUFACTURER'S RECOMMENDATIONS AND DETAILS.

NOTE:
ALL EXTERIOR WINDOWS AND GLASS DOORS WHERE BUCK THICKNES IS 1 1/2 INCHES OR GREATER, THE BUCK MUST BE ATTACHED IN A MANNER TO TRANSVER THE LOAD DIRECTLY TO THE STRUCTURE.
WINDOWS AND DOORS SHALL BE ANCHORD THROUGH THE JAMB INTO THE WOOD BUCK. FBC 1707.4.4.2
SEE ALSO PUBLISHED AND ATTACHED MANUFACTURER'S RECOMMENDATIONS AND DETAILS.

NOTE:
MULLIONS AND ADJACENT DOOR ASSEMBLIES ARE REQUIRED TO BE TESTED OR ENGINEERED TO TRANSFER 1.5 TIMES THE DESIGED LOADS TO THE ROUGH OPENING SUBSTRADE. FBC 1707.4.5.1-1707.4.5.4
SEE ALSO PUBLISHED AND ATTACHED MANUFACTURER'S RECOMMENDATIONS AND DETAILS.

NOTE:
ALL PLUMBING, ELECTRICAL, AND MECHANICAL ROUGH-INS MUST BE COMPLETE, INSPECTED AND APPROVED BEFORE REQUESTING THE FRAMING INSPECTION. FBC 105.6

REVISIONS	

SOFTPLAN ARCHITECTURAL DESIGN SOFTWARE

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 2001, Section 1606 wind loads, to the best of my knowledge.

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

DIMENSIONS:
Stated dimensions supercede scaled dimensions. Refer all questions to Wolf Schrom G.C. for resolution. Do not proceed without clarification.

NOTE:
For Structural Informations and Requirements, see Structural Sheets by Mark Disosway PE

OWNER:

BAUHUS INC
ADDRESS:
PO BOX 656
LIVE OAK,FL 32064

WOLF SCHROM
GC: 47190

SPEC HOUSE
HOLLY BROOK
ADDRESS:
528 DEANNA TERR
LAKE CITY, FLORIDA
COLUMBIA COUNTY

LOT # 2

FLOOR PLAN

PRINTED DATE: January 23, 2006

DESIGNED & DRAWN BY:
WOLF SCHROM
PO BOX 656
LIVE OAK, FL 32064
TEL/FAX: 386-364-4793
CELL: 813-786-0730

FINALES DATE: DEC/ 05

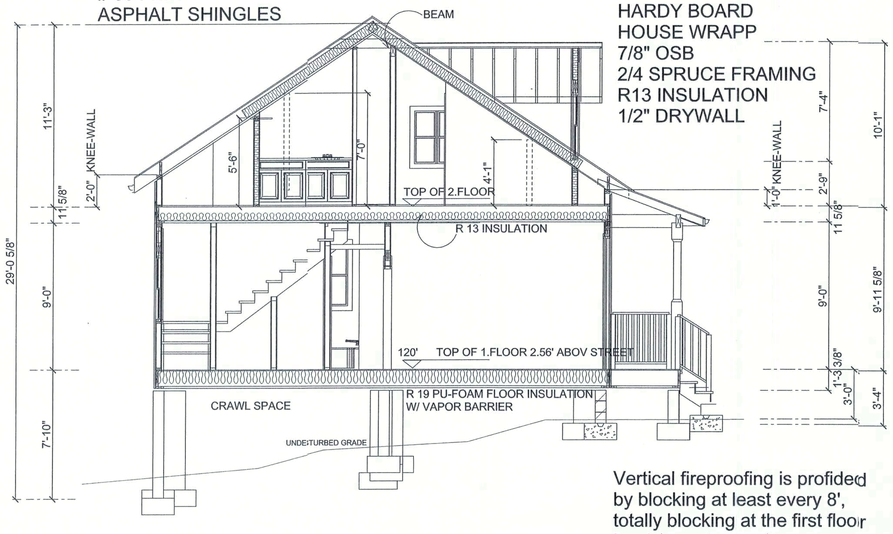
HOUSE TYPE: COTTAGE

DRAWING NUMBER 1 OF 5 SHEETS

OFFICE COPY

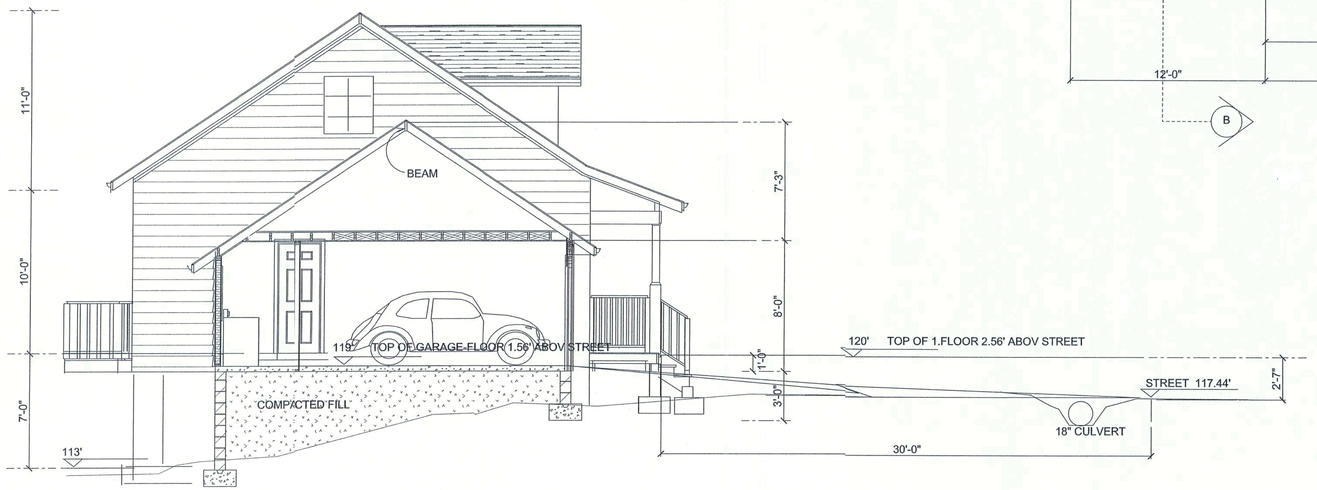
RAFTER ROOF:
2/10 #2.... 24" O.C.
R 30 INSULATION
1/2" OSB
30 FELT
ASPHALT SHINGLES

EXTERIOR WALL:
HARDY BOARD
HOUSE WRAPP
7/8" OSB
2/4 SPRUCE FRAMING
R13 INSULATION
1/2" DRYWALL

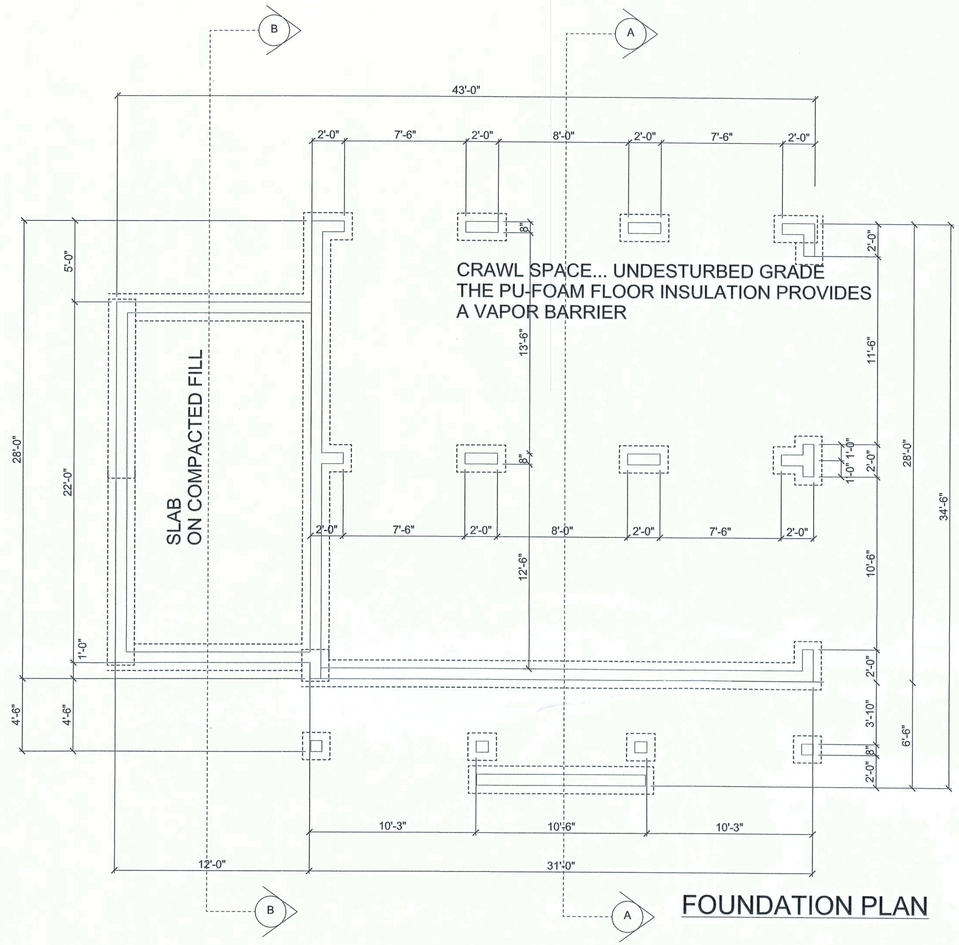


CROSS SECTION A-A

Vertical fireproofing is profided by blocking at least every 8', totally blocking at the first floor level (crawl space)
at the second floor level and at the roofintersection....
all openings/drill-holes for electrical and plumbing...etc, must be caulked with fireproofe means.



CROSS SECTION B-B



FOUNDATION PLAN

NOTE:
A FOUNDATION SURVEY SHALL BE PERFORMED AND A COPY OF THE SURVEY SHALL BE ON SITE FOR THE BUILDING INSPECTOR'S USE, OR ALL PROPERTY MARKERS SHALL BE EXPOSED AND A STRING STRETCHED FROM MARKER TO MARKER TO VERIFY REQUIRED SETBACKS.

NOTE:
A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 104.2.6

NOTE:
CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-10" AWAY FROM BUILDING SIDE WALLS. FBC 1503.4.4

NOTE:
IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" OF THE BUILDING SIDEWALLS. FBC 1503.4.4

NOTE:
TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERING AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6 INCHES. EXCEPTION: PAINT OR DECORATIVE CEMENTIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.1.6

NOTE:
INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1

NOTE:
SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREAED INCLUDING SPACES BOXED OR FORMED. FBC.1816.1.2.

NOTE:
BOXED AREAS IN CONCRETE FLOORS FOR SUSEQUENT INSTALLATION OF TRAPS ETC. SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FBC 1816.1.3.

NOTE:
MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT RETARDMENT IS REQUIRED. FBC 1816.1.4.

NOTE:
CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1816.1.5.

NOTE:
SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1816.1.6

NOTE:
AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED SHALL BE RETREATED. FBC 1816.1.6

NOTE:
ALL BUILDINGS ARE REQUIRED TO HAVE PRECONSTRUCTION TREATMENT. FBC 1817.1.7.

NOTE:
A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: " THE BUILDING HAS RECIEVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THEFLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 1816.1.7

NOTE:
AFTER ALL WORK IS COMPLETE, LOOSE WOOD AND FILL MUST BE RMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES AIL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3

NOTE:
NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC. SHALL 3E BURIED WITHIN 15"-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4.

REVISIONS

SOFTPLAN ARCHITECTURAL DESIGN SOFTWARE

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 2001, Section 1606 wind loads, to the best of my knowledge.

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

DIMENSIONS:
Stated dimensions supercede scaled dimensions. Refer all questions to Wolf Schrom G.C. for resolution. Do not proceed without clarification.

NOTE:
For Structural Informations and Requirements, see Structural Sheets by Mark Disosway PE

OWNER:

BAUHUS INC

ADDRESS:
PO BOX 656
LIVE OAK,FL 32064

WOLF SCHROM
GC: 47190

SPEC HOUSE
HOLLY BROOK

ADDRESS:
434 DEANNA TERR
LAKE CITY, FLORIDA
COLUMBIA COUNTY

LOT # 2

FOUNDATION PLAN
&
CROSS SECTIONS

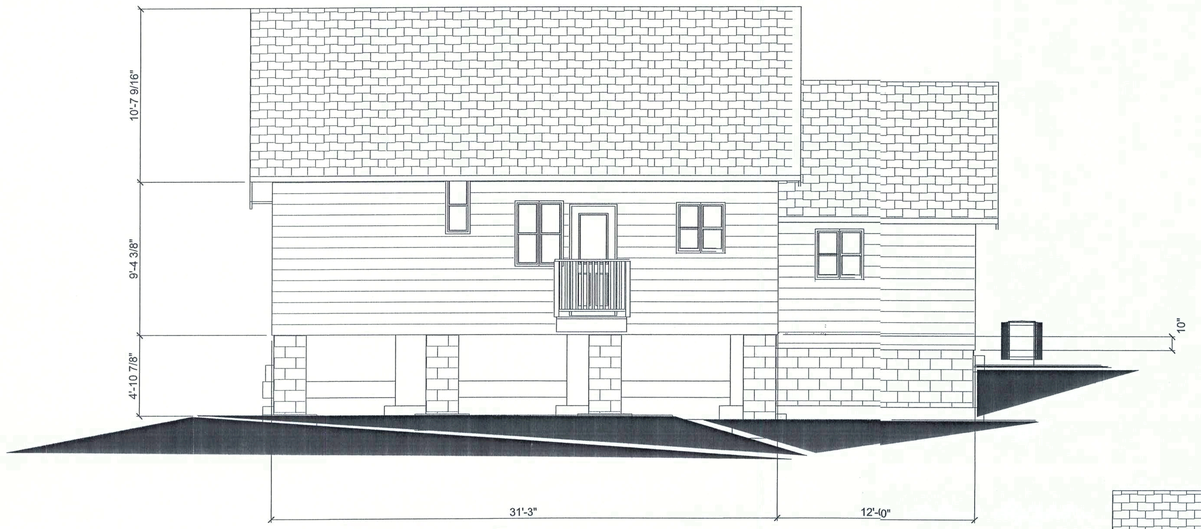
PRINTED DATE:
January 23, 2006

DESIGNED & DRAWN BY:
WOLF SCHROM
PO BOX 656
LIVE OAK, FL 32064
TEL/FAX: 386-364-4783
CELL: 813-786-0730

FINALES DATE:
DEC/ 05

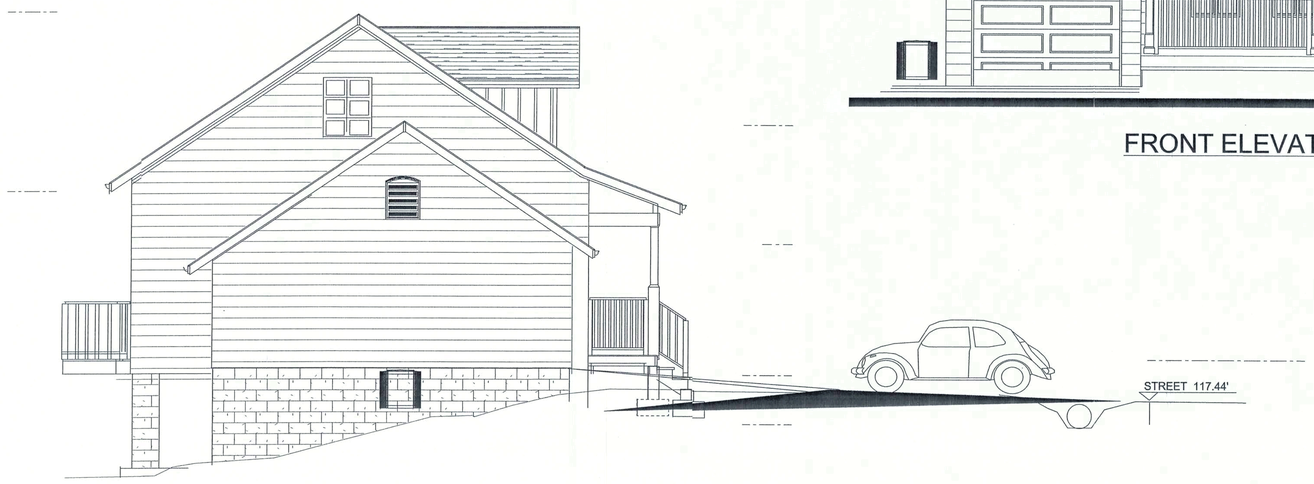
HOUSE TYPE:
COTTAGE

DRAWING NUMBER
2
OF 5 SHEETS



BACK ELEVATION

FRONT ELEVATION



LEFT ELEVATION

REVISIONS

SOFTPLAN ARCHITECTURAL DESIGN SOFTWARE

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 2001, Section 1606 wind loads, to the best of my knowledge.

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

DIMENSIONS:
Stated dimensions supercede scaled dimensions. Refer all questions to Wolf Schrom G.C. for resolution. Do not proceed without clarification.

NOTE:
For Structural Informations and Requirements, see Structural Sheets by Mark Disosway PE

OWNER:

BAUHUS INC

ADDRESS:
PO BOX 656
LIVE OAK,FL 32064

WOLF SCHROM
GC: 47190

SPEC HOUSE
HOLLY BROOK

ADDRESS:
434 DEANNA TERR
LAKE CITY, FLORIDA
COLUMBIA COUNTY

LOT # 2

ELEVATIONS

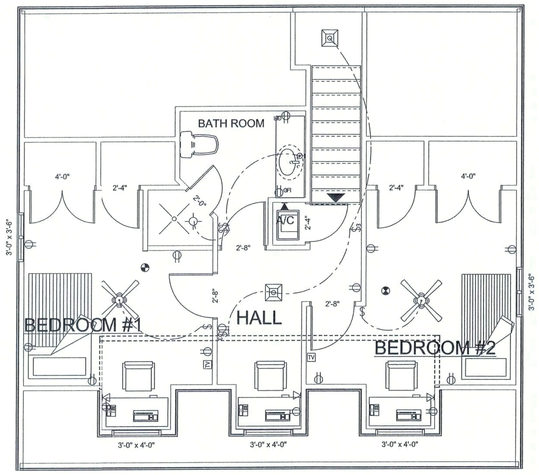
PRINTED DATE: January 23, 2006

DESIGNED & DRAWN BY:
WOLF SCHROM
PO BOX 656
LIVE OAK, FL 32064
TEL/FAX: 386-364-4793
CELL: 813-786-0730

FINALES DATE: DEC/ 05

HOUSE TYPE: COTTAGE

DRAWING NUMBER
3
OF 5 SHEETS



SECOND FLOOR PLAN

797 SQFT

ELECTRICAL INFO

ALL SMOKE DEDECTORS MUST BE HOT-WIRED AND WITH BATTERY BACKUP

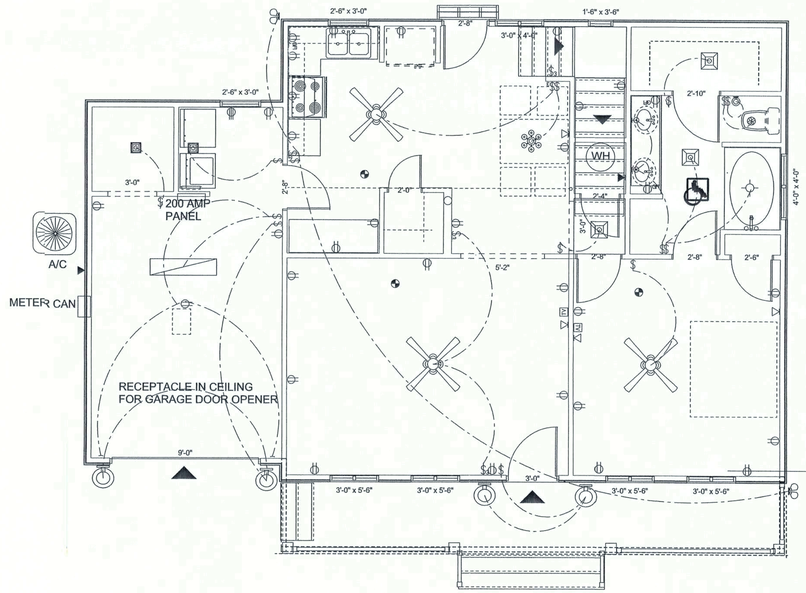
ALL WETROOMS HAVE GFCI-PROTECTION

ALL SLEEPING ROOMS WILL BE ON A.F.C.I. ARCE FAULT CIRCUIT INTERUPTER

ALL BATHROOMS HAVE EXHAUST FANS INSTALLED IN CEILING, VENT OVER ROOF OR SOFIT
ALL BATHROOMS AND STAIR WAYS ARE HANDICAPPED ACCESSABLE

POWER SUPLY BY CLAY ELECTRIC COOP

BATH ROOMS SHALL HAVE



ELECTRICAL	COUNT	SYMBOL
ceiling fan spotlights 1	3	
ceiling fan spotlights 2	2	
ceiling lamp small	1	
ceiling shade square	5	
chandelier	1	
double spotlight	2	
wall mount 1	5	
wall mount 2	2	
wall sconce	3	
electrical panel	1	
telephone jack	2	
LAN connection	3	
cable tv outlet	4	
fan	1	
light	2	
outlet	43	
outlet 220v	1	
outlet gfi	5	
smoke detector	5	
switch	18	
switch 3 way	7	
telephone	7	

FIRST FLOOR PLAN

528.3 sqft under AC
868.0 sqft 2. Floor
Total 1396.3 sqft under AC
269.8 sqft Garage
131.7 sqft Porches
Total 1797.8 sqft

REVISIONS

SOFTPLAN ARCHITECTURAL DESIGN SOFTWARE

OWNER:

BAUHUS INC

ADDRESS:
PO BOX 656
LIVE OAK,FL 32064

WOLF SCHROM
GC: 47190

SPEC HOUSE
HOLLY BROOK

ADDRESS:
528 DEANNA TERR
LAKE CITY, FLORIDA
COLUMBIA COUNTY

LOT # 2

ELECTRIC PLAN

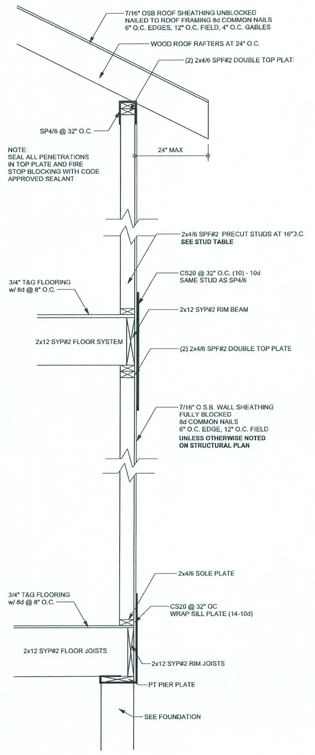
PRINTED DATE: January 23, 2006

DESIGNED & DRAWN BY:
WOLF SCHROM
PO BOX 656
LIVE OAK, FL 32064
TEL/FAX: 386-364-4793
CELL: 813-786-0730

FINALES DATE: DEC/ 05

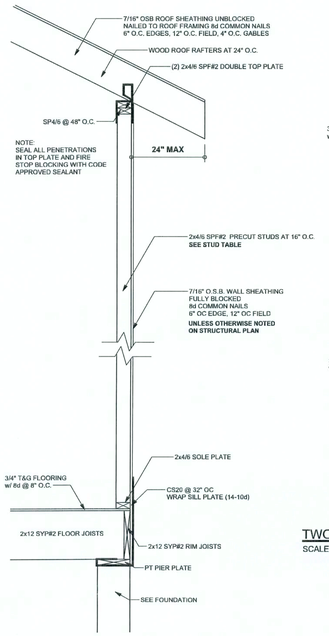
HOUSE TYPE: COTTAGE

DRAWING NUMBER
4
OF 5 SHEETS



TWO STORY WALL SECTION

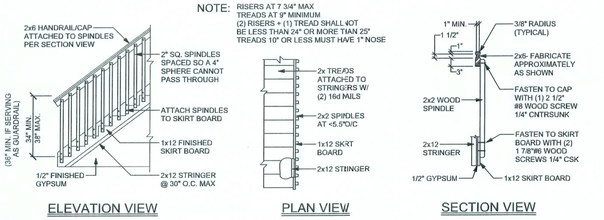
SCALE: 3/4" = 1'-0"



ONE STORY WALL SECTION

SCALE: 3/4" = 1'-0"

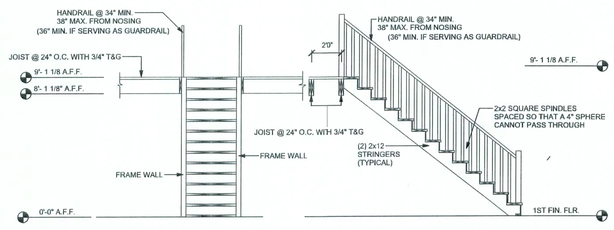
NOTE: RISERS AT 7 3/4" MAX
TREADS AT 9" MINIMUM
(2) RISERS + (1) TREAD SHALL 4OT BE LESS THAN 24" OR MORE THAN 25"
TREADS 10" OR LESS MUST HAVE 1" NOSE

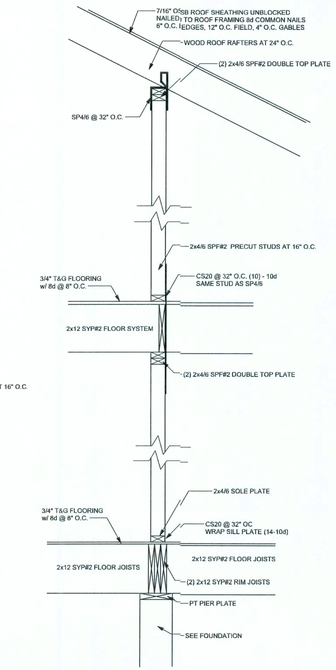


ELEVATION VIEW | PLAN VIEW | SECTION VIEW

STAIR DETAIL

SCALE: NTS





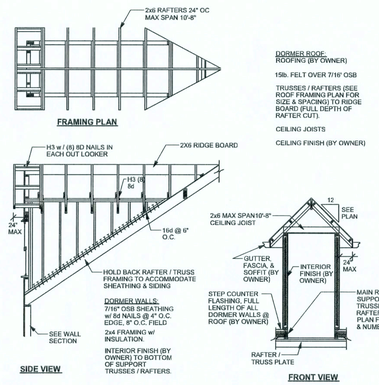
TWO STORY INTERIOR BEARING WALL SECTION

SCALE: 3/4" = 1'-0"

ANCHOR TABLE

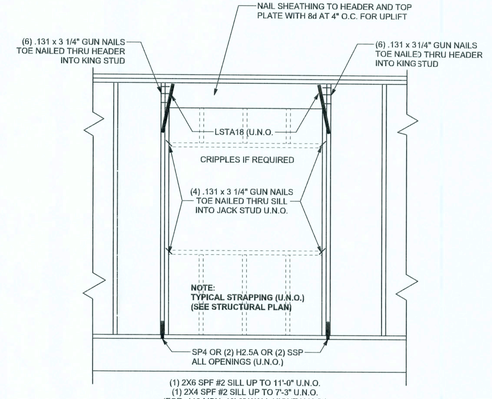
OBTAIN UPLIFT REQUIREMENTS FROM TRUSS MANUFACTURER'S ENGINEERING

UPLIFT 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	H8	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 ROD 12" EMBEDMENT
< 10980	< 6485	HGT-2		16 -10d	2-5/8" THREADED ROD 12" EMBEDMENT
< 10530	< 9035	HGT-3		16 -10d	2-5/8" THREADED ROD 12" EMBEDMENT
< 9250	< 9250	HGT-4		16 -10d	2-5/8" THREADED ROD 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	SPI			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	HDZA	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



DORMER ANCHORING DETAIL

SCALE: N.T.S.



TYPICAL HEADER STRAPING DETAIL

SCALE: 1/2" = 1'-0"

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. EXTERIOR LOAD BEARING & NON LOAD BEARING STUD LENGTHS RESISTING INTERIOR ZONE WINDLOADS 110 MPH EXPOSURE B STUD SPACINGS SHALL BE MULTIPLIED BY 0.85 FOR FRAMING LOCATED WITHIN 4 FEET OF CORNERS FOR END ZONE LOADING. EXAMPLE 16" O.C. x 0.85 = 13.6" O.C.

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

GENERAL NOTES:

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 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 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.

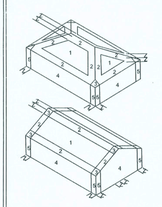
NAILS: ALL NAILS ARE COMMON NAILS UNLESS OTHERWISE SPECIFIED OR ACCEPTED BY FBC TEST REPORTS AS HAVING EQUAL STRUCTURAL VALUES.

BUILDER'S RESPONSIBILITY

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.

DESIGN DATA

WIND LOADS PER FLORIDA BUILDING CODE 2004 RESIDENTIAL, SECTION R301.2.1
(ENCLOSED SIMPLE DIAPHRAGM BUILDINGS WITH FLAT, HIPPED, OR GABLE ROOFS; MEAN ROOF HEIGHT NOT EXCEEDING LEAST HORIZONTAL DIMENSION OR 40 FT; NOT ON UPPER HALF OF HILL OR ESCARPMENT 60FT IN EXP. B, 30FT IN EXP. C AND >10% SLOPE AND UNOBSTRUCTED UPWIND FOR 50x HEIGHT OR 1 MILE WHICHEVER IS LESS.)
BUILDING IS NOT IN THE HIGH VELOCITY 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 COEFFICIENT = N/A (ENCLOSED BUILDING)
8.) COMPONENTS AND CLADDING DESIGN WIND PRESSURES (TABLE R30`.2(2))



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 Ohg		-40.6		-40.6
3	19.9	-25.5	18.1	-21.8
3 Ohg		-68.3		-42.4
4	21.8	-23.6	18.5	-20.4
5	21.8	-29.1	18.5	-22.6
Doors & Windows Worst Case (Zone 5, 10 ft2)		21.8		-29.1
8x7 Garage Door		19.5		-22.9
16x7 Garage 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)	

REVISIONS	

SOFTPLAN ARCHITECTURAL DESIGN SOFTWARE

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

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

CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with section R301.2.1, Florida Building Code 2004 Residential to the best of my knowledge.

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

MARK DISOSWAY P.E. 53915

1/ 31/2006

SEAL

SPEC HOUSE
HOLLY BROOK
LOT #2

ADDRESS:
528 Deanna Terr.
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: January 18, 2006

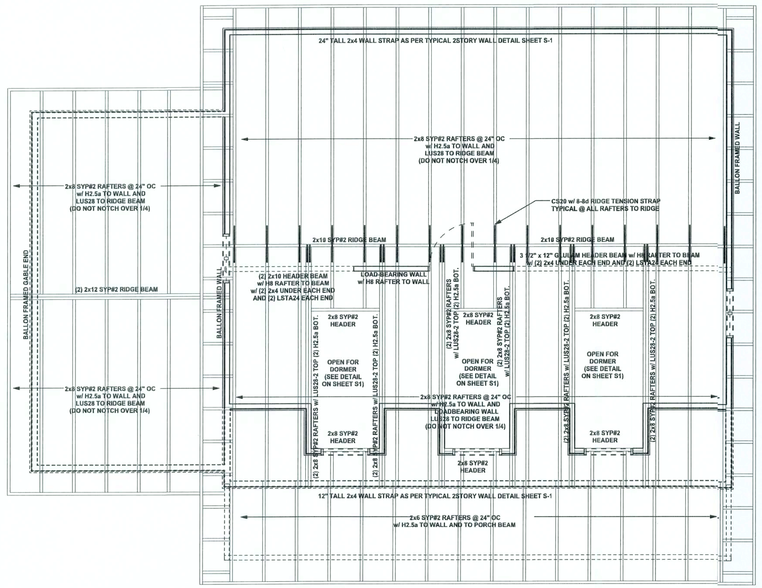
DRAWN BY: | CHECKED BY:

FINALS DATE: 18 / Jan/ 06

JOB NUMBER: 512294

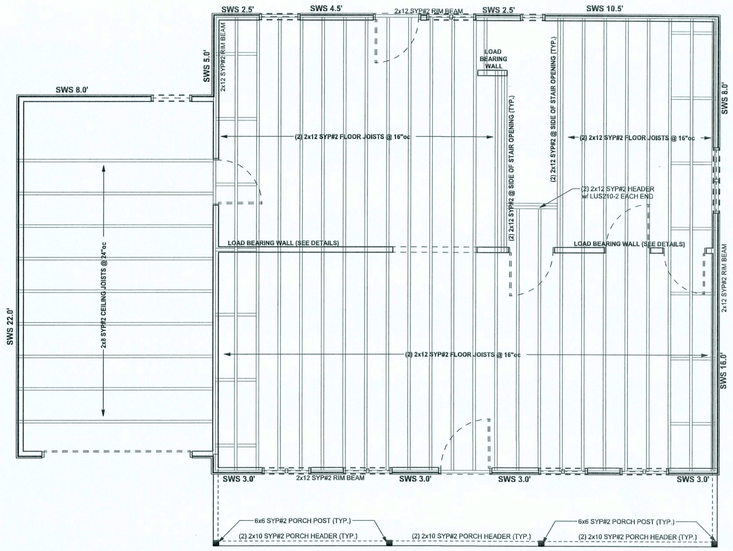
DRAWING NUMBER S-1

OF 2 SHEETS



2nd FLOOR STRUCTURAL LAYOUT / ROOF FRAMING

SCALE: 1/4" = 1'-0"



1st FLOOR STRUCTURAL LAYOUT / CEILING-FLOOR FRAMING

SCALE: 1/4" = 1'-0"

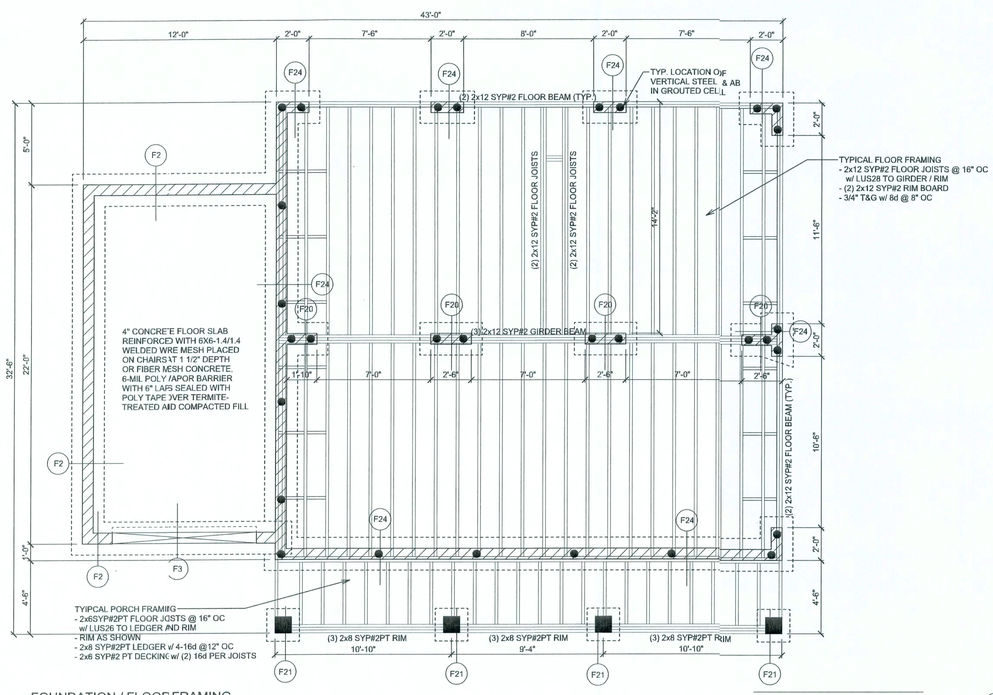
STRUCTURAL PLAN NOTES

- 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 ALL DECKS AND NON-COVERED PORCHES ARE TO BE FRAMED BY BUILDER WITH SYP#2 PT LUMBER.
- SN-5 USE ONLY MANUFACTURE RECOMMEND FASTENERS FOR CONTACT WITH P.T.LUMBER
- SN-6 PROVIDE SOLID BLOCKING BENEATHALL POSTS
- SN-7 PROVIDE BLOCKING AT MID SPAN FOR ALL JOISTS 8'-0" LONG OR LONGER
- SN-8 PROVIDE DOUBLE JOISTS OR PERPENDICULAR BLOCKING @ 24" OC BENEATH ALL STUD WALLS RUNNING PARALLEL TO FLOOR JOISTS.
- SN-9 PROVIDE BLOCKING @ 48"OC IN 2 FLOOR JOIST BAY AT ALL ENDWALLS
- SN-10 CRAWL SPACE HEIGHT TO BE A MIN. OF 18" FROM BOTTOM OF FLOOR JOISTS TO TOP OF FINSH GRADE

TOTAL SHEAR WALL SEGMENTS

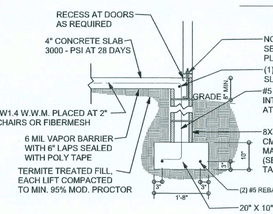
SWS = 0.0' INDICATES SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	15.6'	51.0'
LONGITUDINAL	16.6'	40.0'



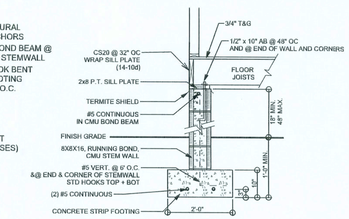
FOUNDATION / FLOOR FRAMING

SCALE: 1/4" = 1'-0"



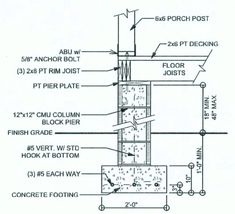
F2 STEM WALL FOOTING

SCALE: 1/2" = 1'-0"



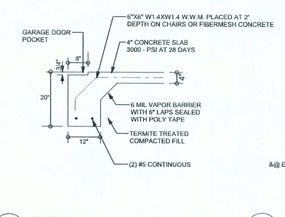
F24 STEMWALL FOUNDATION (CRAWLSPACE)

SCALE: 1/2" = 1'-0"



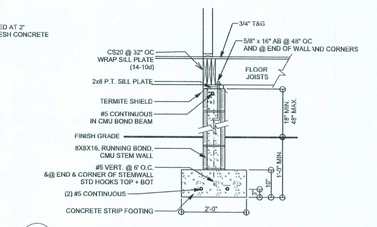
F21 1' PORCH PIER WITH POST

SCALE: 1/2" = 1'-0"



F3 GARAGE DOOR FOOTING

SCALE: 1/2" = 1'-0"



F20 STEMWALL FOUNDATION (CRAWLSPACE)

SCALE: 1/2" = 1'-0"

REVISIONS

SOFTPLAN ARCHITECTURAL DESIGN SOFTWARE

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

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

CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with section R301.2.1, Florida Building Code 2004 Residential to the best of my knowledge.

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

MARK DISOSWAY P.E. 53915

SEAL

SPEC HOUSE
HOLLY BROOK
LOT #2

ADDRESS:
528 Deanna Terr.
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: January 18, 2006

DRAWN BY: | CHECKED BY:

FINALS DATE: 18 / Jan/ 06

JOB NUMBER: 512294

DRAWING NUMBER

S-2

OF 2 SHEETS