REVISIONS 30Mar07

> SOFTPIAN ARCHITECTURAL DESIGN SOFTWARE

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

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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 residential 2004, to the best of my

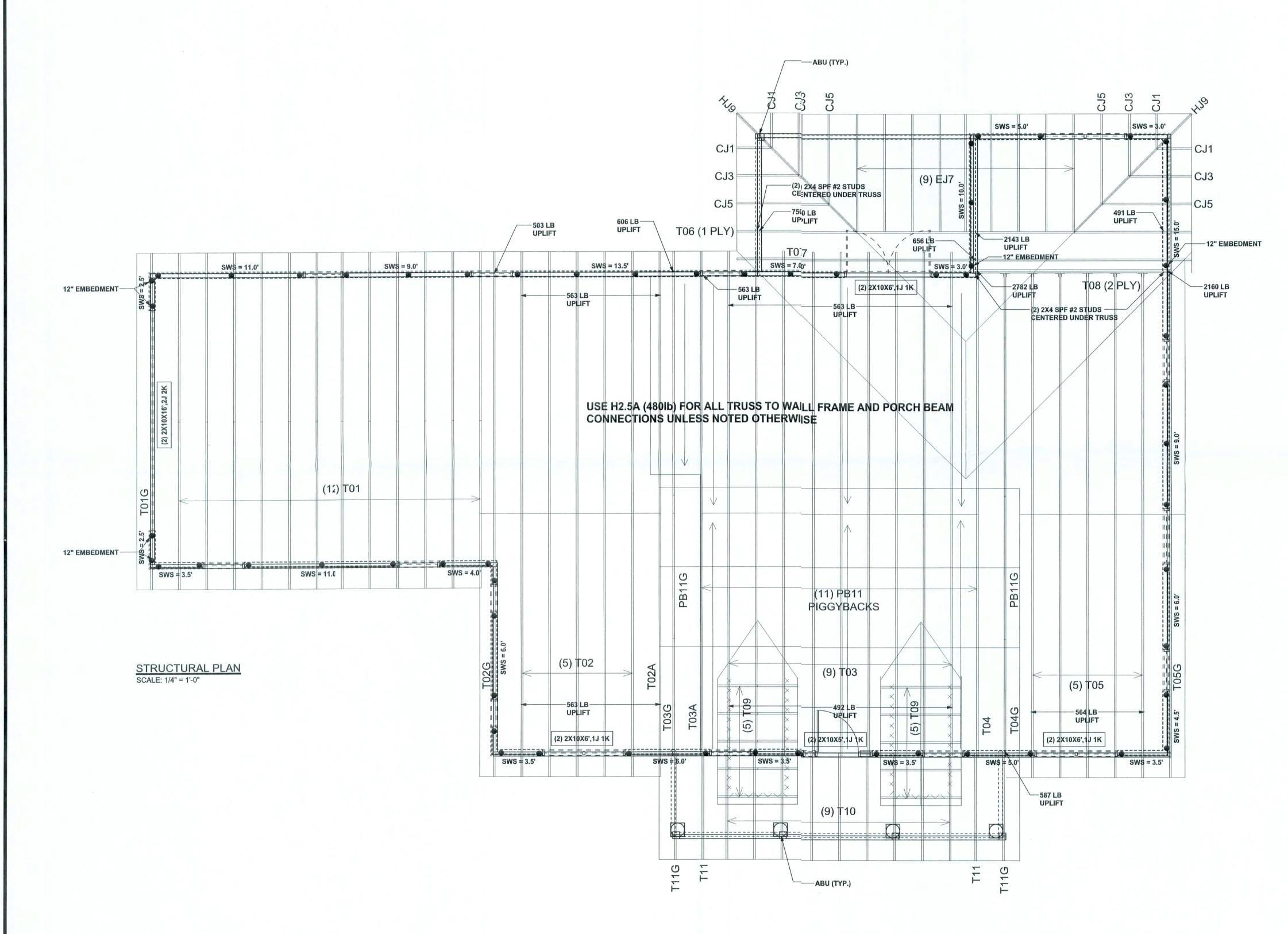
LIMITATION: This design is valid for one building, at specified location.

MARK DISOSWAY P.E. 53915

SEAL

dimensions. Refer all questions to Mark Disosway, P.E. for resolution. Do not proceed without clarification.

DIMENSIONS:



STRUCTURAL PLAN NOTES

EACH SIDE (U.N.O.)

TRUSS PACKAGE

SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X10 SYP#2 (U.N.O.)

SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD

SN-3 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS

SN-4

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. BCSI-B1, BCSI-B2, & BCSI-B3. ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED

MSTA30, 10-10d (1700lb) (5) NAILS EACH SIDE OF STUD (OR STRAP STUD TO HEADER 20-10d) LTT20B,10-16d (1750lb) 1/2" ANCHOR w/ 6" EMBEDMENT UN.O., SIMPSON AT (MAY BE RECESSED BELOW FNISHED FLOOR)

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

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

INDICATES LOCATION OF:
1ST FLOOR 1/2" A307 ALL THREADED ROD

- INDICATES LOCATION OF:

2ND FLOOR 1/2" A307 ALL THREADED ROD

HEADER LEGEND

(2) 2X12X0',1J 1K HEADER/BEAM CALL-OUT (U.N.O.)

NUMBER OF KING STUDS (FULL LENGTH)

NUMBER OF JACK STUDS (UNDER HEADER)

SPAN OF HEADER

SIZE OF HEADER MATERIAL

NUMBER OF PLIES IN HEADER

SWS = 0.0' INDICATES SHEAR WALL SEGMENTS

[REQUIRED ACTUAL]

TRANSVERSE 32.5' 55.5'

LONGITUDINAL 29.5'

254

Aaron Simque Homes Spec House Watson Road ADDRESS: Watson Road Columbia County, Florida Mark Disosway P.E. P.O. Box 868 Lake City, Florida 32056 Phone: (386) 754 - 5419 Fax: (386) 269 - 4871 PRINTED DATE: March 30, 2007 STRUCTURAL BY: David Disosway FINALS DATE: 17 / Jan / 07 JOB NUMBER: 612281

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. BUILDERS FIRSTSOURCE JOB #L222236

DRAWING NUMBER

S-3

OF 3 SHEETS

REVISIONS 30Mar07 SOFTPIAN ARCHITECTURAL DESIGN SOFTMARE 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. COPYRIGHTS AND PROPERTY RIGHTS: Mark Disosway, P.E. hereby expressly reserve its common law copyrights and property right in these instruments of service. This document is not to be reproduced, altered or copied in any form or manner without first the express written 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 engineering comply with section R301.2.1, florida building code residential 2004, to the best of my LIMITATION: This design is valid for one building, at specified location. MARK DISOSWAY P.E. 53915 **Aaron Simque Homes** Spec House Watson Road ADDRESS: Watson Road Columbia County, Florida Mark Disosway P.E. P.O. Box 868

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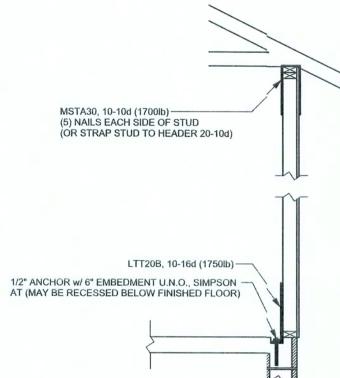


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SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)

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. SN-4 LATERAL BRACING IS TO BE RESTRAINED PER BCSI1-03, BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE



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

WALL LEGEND

491 LB---

- 12" EMBEDMENT

-2160 LB

UPLIFT

UPLIFT

T08 (2 PLY)

(2) 2X4 SPF #2 STUDS CENTERED UNDER TRUSS

UPLIFT

(2) 2X10X6',1J 1K

-587 LB

UPLIFT

SW\$ # 5,0"

16

-2143 LB

UPLIFT

12" EMBEDMENT

656 LB-

UPLIFT

(22) 2X10X6',1J 1K

SWS = 3.0'

(2) 2X4 SPF #2 STUDES CENTERED UNDER TIRUSS

(11) PB11

(2) 2X10X5,1J \K(

(9) T10

SWS = 3.5'

PIGGYBACKS

-750 LB

UPLIFT

UPLIFT

UPLIFT

(5) T02

UPLIFT

(2) 2X10X6',1J 1K

SWS + 6.0'

116

SWS = 11.0'

(12) T01

12" EMBEDMENT-

12" EMBEDMENT-

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

T06 (1 PLY)

-563 LB

UPLIET

USE H2.5A (480lb) FOR ALL TRUSS TO WALL FRAME AND PORCH BEAM CONNECTIONS UNLESS NOTED OTHERWISE

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

- INDICATES LOCATION OF: 1ST FLOOR 1/2" A307 ALL THREADED ROD INDICATES LOCATION OF: 2ND FLOOR 1/2" A307 ALL THREADED ROD

HEADER LEGEND

(2) 2X12X0',1J 1K HEADER/BEAM CALL-OUT (U.N.O.) -NUMBER OF KING STUDS (FULL LENGTH) -NUMBER OF JACK STUDS (UNDER HEADER) -SPAN OF HEADER SIZE OF HEADER MATERIAL -NUMBER OF PLIES IN HEADER

TOTAL SHEAR WALL SEGMENTS

SWS = 0.0' INDICATES SHEAR WALL SEGMENTS REQUIRED ACTUAL TRANSVERSE 32.5' 55.5'

LONGITUDINAL 29.5'

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. BUILDERS FIRST SOURCE JOB #L222236