

REVISIONS

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

SCOPE OF WORK:
This seal is for structural engineering for an addition to a single family residence.
The structural work was partially complete at the time of this engineering. Portions of the structure including connections and nailing patterns were already covered.
Therefore this engineering is:
1) as built documentation based on discussion with the builders and personal observations,
2) engineering analysis of existing members and connections based on available information, and
3) specification of future construction required to provide wind load stability to the completed structure.
To the best of my knowledge this engineering is as accurate as possible without disassembling finished work. It is also quite apparent that the owner's intent was to construct the addition in full compliance with the structural requirements of the building code and not allow deficiencies in member sizes, material, or workmanship.

WINDLOAD ENGINEER:
Mark Disosway, PE
No. 53915, P.O. Box 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.

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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 2007 & 2009 supplements to the best of my knowledge.

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

MARK DISOSWAY
P.E. 53915

Mark Disosway
12 MAR 10
SEAL

Ganskop Jeff
Addition

ADDRESS:
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Columbia County, Florida

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PRINTED DATE:
March 11, 2010

DRAWN BY:
Evan Beamsley

STRUCTURAL BY:
Evan Beamsley

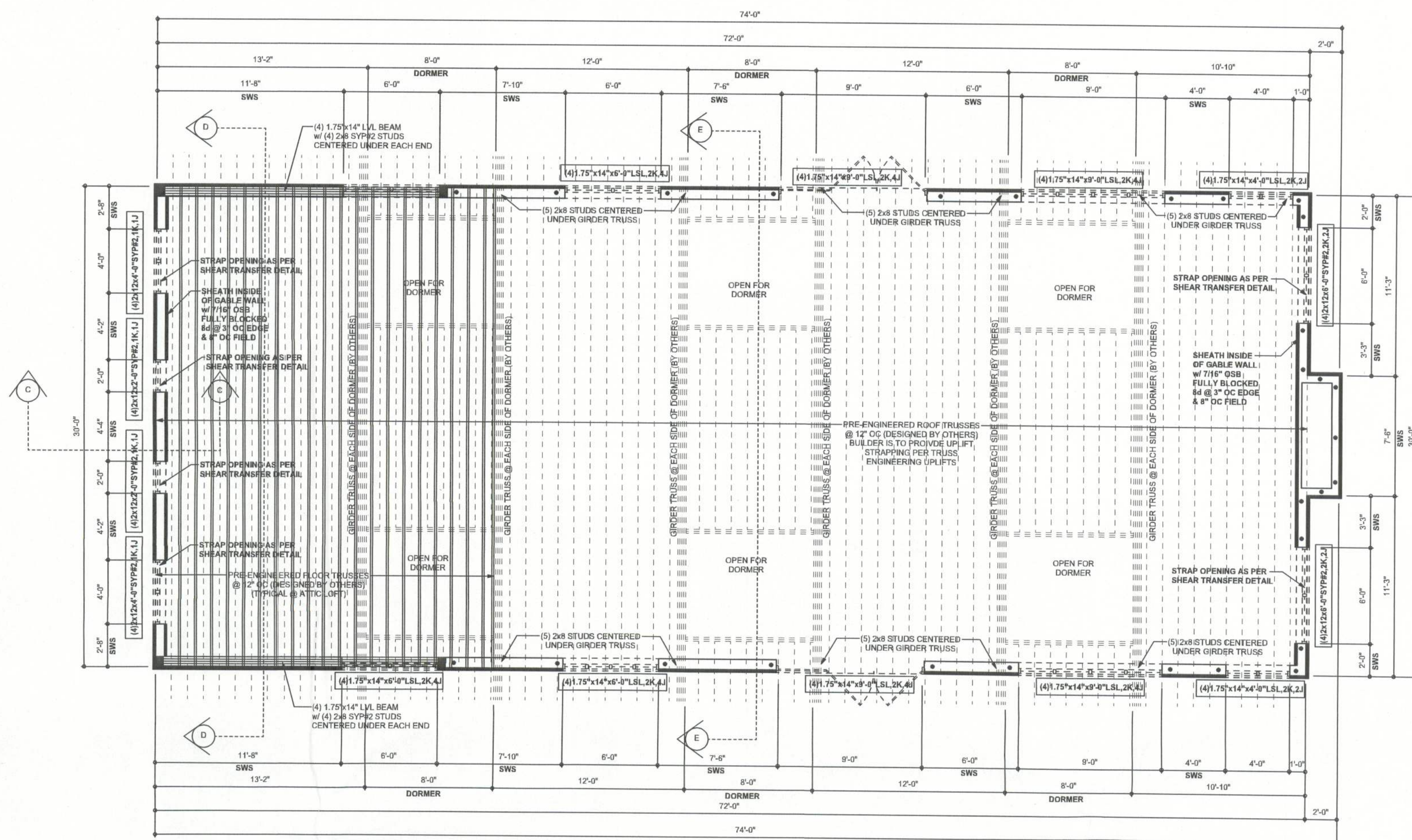
FINALS DATE:
March 11, 2010

JOB NUMBER:
1001020

DRAWING NUMBER

S-4

OF 7 SHEETS



STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X12 SYP#2 (J.N.O.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (J.N.O.)
- 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 BCSH-43, BCSBY, BCSB2 & BCSB3, BCSBY, BCSB2 & BCSB3 ARE FURNISHED BY THE TRUSS SUPPLIER WITH THE SEALED TRUSS PACKAGE

THREADED ROD LEGEND

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

HEADER LEGEND

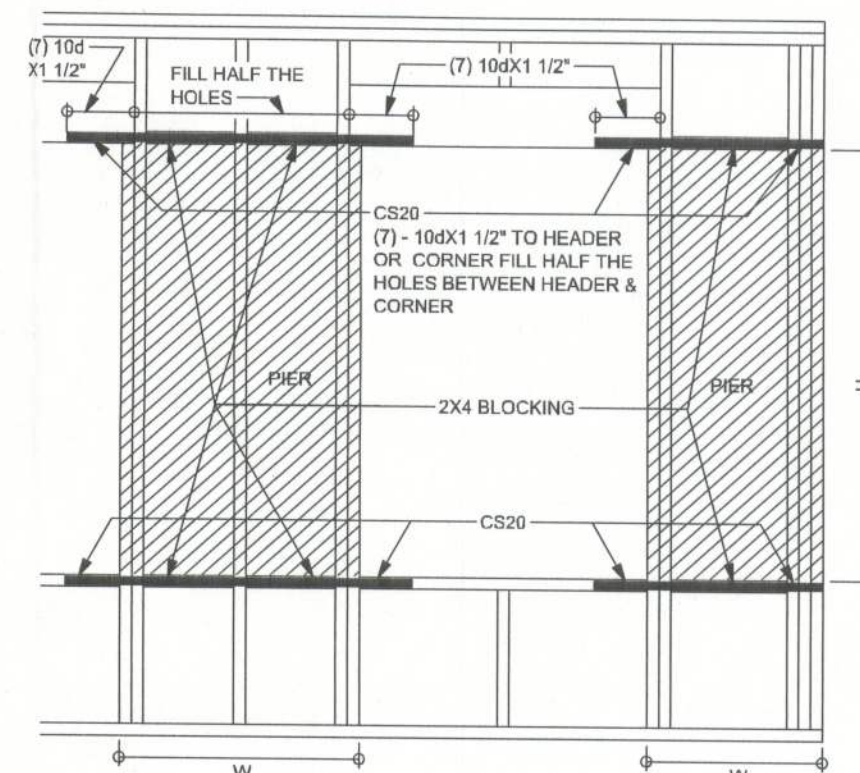
- (2) 2X12X7' 11" 1K ————— HEADER/BEAM CALL-OUT (J.N.O.)
- NUMBER OF KING STUDS (FULL LENGTH)
- NUMBER OF JACK STUDS (UNDER HEADER)
- SPAN OF HEADER
- SIZE OF HEADER MATERIAL
- NUMBER OF PILES IN HEADER

2ND FLOOR TOTAL SHEAR WALL TABLE

	TRANSVERSE	LONGITUDINAL
ACTUAL	26280 LB	32177 LB
REQUIRED	24864 LB	10143 LB

SWS = 0.0' INDICATES SHEAR WALL SEGMENTS

2nd FLOOR STRUCTURAL LAYOUT NOT TO SCALE



NOTE:
THIS DETAIL IS INTENDED TO BE USED ONLY FOR NARROW SHEARWALL SEGMENTS AS SPECIFIED ON THE PLAN. THE PIER BESIDE THE OPENING MUST MEET THE ASPECT RATIO REQUIREMENT HW < 3.5:1 WHERE H IS THE PIER HEIGHT. FOR WINDOWS NOT GREATER THAN 2' HIGH OR 5' WIDE THE WIDTH OF THE OPENING MAY BE INCLUDED AS FULL HEIGHT SHEARWALL IN ADDITION TO THE PIER WIDTH WHEN STRAPPED ACCORDING TO THIS DETAIL.

W65 OPENING FORCE TRANSFER
WOOD FRAMED WALL SYSTEM N.T.S.