



STRUCTURAL PLAN NOTES:

- SN-1 ALL LOAD BEARING HEADERS SHALL BE 2 LOG COURSES ABOVE OPENINGS
- SN-2 ALL LOAD BEARING HEADERS SHALL BE A MINIMUM OF (2) 2X10 SYP#2 (U.O.N.)
- SN-3 5/8" CDX. WALL SHEATHING FULLY BLOCKED 8d COMMON NAILS 6" OC EDGE, 6" OC FIELD (U.O.N.)
- SN-4 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS

SHEAR WALL REQUIREMENTS

	REQUIRED	ACTUAL
TRANSVERSE	26151 lb.	30720 lb.
LONGITUDINAL	10951 lb.	40960 lb.

ACTUAL SHEAR WALL CAPACITY (FOR LOG WALLS) IS THE TOTAL CAPACITY OF LOG FASTENERS (TOTAL CAPACITY = # OF FASTENERS x SHEAR CAPACITY) TO CALCULATE THE TOTAL # OF FASTENERS DIVIDE THE WALL LENGTH BY FASTENERS SPACING AND ADD 3 FASTENERS IN FOR EACH CORNER (ALL LOG WALLS ARE SHEAR WALLS).

ACTUAL SHEAR WALL CAPACITY (FOR FRAMED WALLS) IS THE TOTAL LENGTH OF ALL WALL SEGMENTS WITH FULL HEIGHT SHEATHING AND A WIDTH TO HEIGHT RATIO GREATER THAN 1:3.5 TIMES ALLOWABLE SHEAR CAPACITY WITH TABLE 3.1E ADJUSTMENT FROM WFCM-2001 (PLUS SPECIAL SHEAR WALL SEGMENTS IF NOTED) (ALLOWABLE SHEAR CAPACITY: 436 PLF FOR FULLY BLOCKED 7/16" OSB W/ 8d AT 6" OC EDGE, 12" OC FIELD AND UNBLOCKED 1/2" GYP BOARD W/ 5d COOLER NAILS 12" OC EDGE, 12" OC FIELD) (ALL EXTERIOR FRAMED WALLS ARE TYPE II SHEAR WALLS)

REQUIRED SHEAR WALL CAPACITY IS FROM WFCM-2001, TABLE 2.5a & 2.5b (OR EQUIVALENT CALCULATION)

WINDLOAD ENGINEER: Mark Disoway,
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DIMENSIONS:
Stated dimensions supersede scaled dimensions. Refer all questions to Mark Disoway, 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 1609, Florida building code 2004, to the best of my knowledge.

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

MARK DISOWAY
P.E. 53915

Mark Disoway
09/NOV/05
SEAL

ANTHONY & CARMAN MIKULIC RESIDENCE

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PRINTED DATE:
November 09, 2005

DRAWN BY: Even Beasley
CHECKED BY:

FINALS DATE:
09 / Nov / 05

JOB NUMBER:
511014

DRAWING NUMBER
S2
OF 4 SHEETS