

A New Residence for

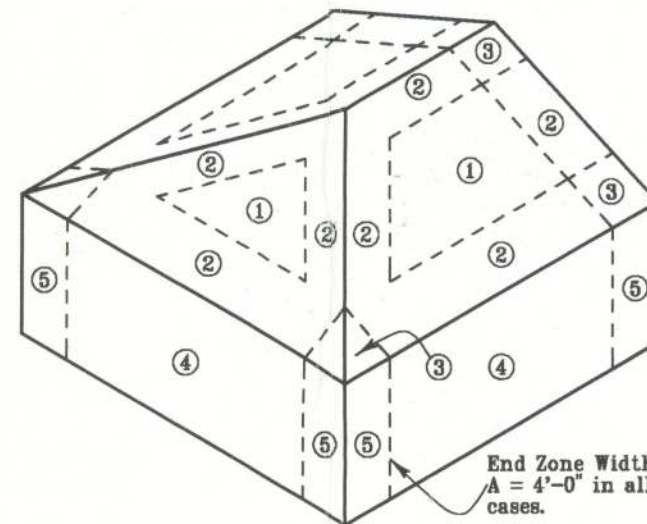
Roger & Marion Cox

Lot 3, Rum Island Ranches, Section 3
Columbia County, Florida



BASIC STRUCTURAL CRITERIA

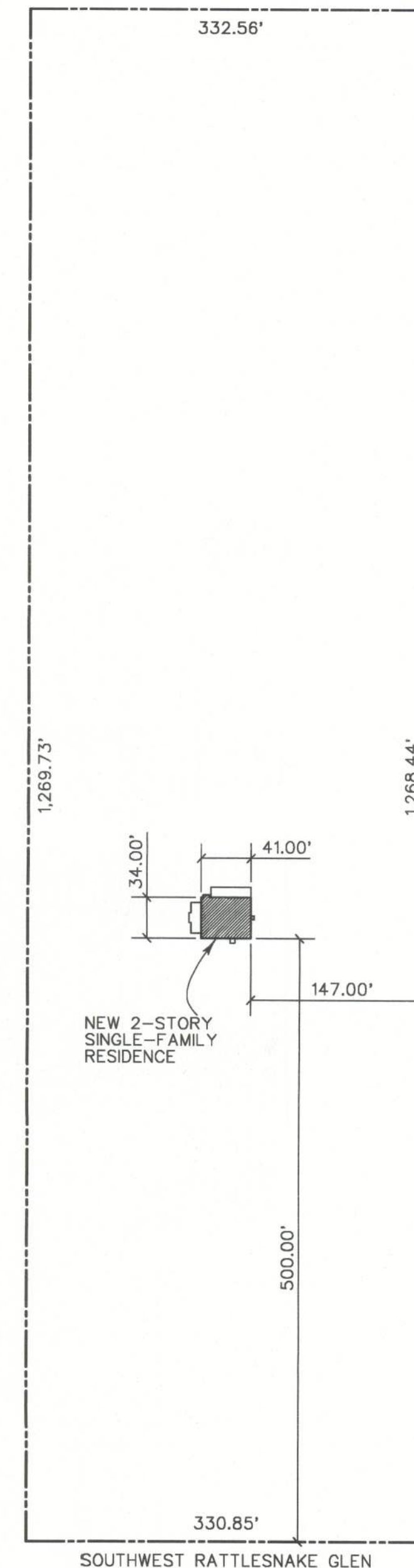
1. Basic Wind Speed:	110 mph	Roofing:	
2. Wind Importance Factor:	1.0	Zone 1:	12.5 psf max., -19.9 psf min.
Building Category:	II	Zone 2:	12.5 psf max., -34.7 psf min.
3. Wind Exposure Category:	B	Zone 3:	12.5 psf max., -51.3 psf min.
This building is not in a wind-borne debris zone and opening protection is not required.		Overhang Zone 2:	-40.6 psf min.
4. Enclosure Classification:	Enclosed	Overhang Zone 3:	-68.3 psf min.
Internal Pressure Coefficient:	0.18 +/-	Stucco, Cladding, Doors and Windows:	
5. Components and Cladding		Zone 4:	21.8 psf max., -23.6 psf min.
For zones 2, 3 & 5, End Zone Dimension "A" = 4'-0".		Zone 5:	21.8 psf max., -29.1 psf min.
		6. Live Loads	
		Roofs:	20 psf
		Residential Floors, Balconies & Stairs:	40 psf



AREA CALCULATIONS

1st Floor Habitable	1,394 sf
2nd Floor Habitable	928 sf
Total Habitable	2,322 sf

(There is no Garage and there are no Covered Porches in this residence.)



1 Site Plan
A-0 1" = 100'-0" N

Engineer
Designer

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Project
Cox Residence
Lot 3
Rum Island Ranches, Sect. 2
Columbia County, Florida

Sheet Description
SITE PLAN
BASIC STRUCTURAL
CRITERIA

Issue Date April 27, 2011
1 May 31, 2011
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A-0