

**Designer:**

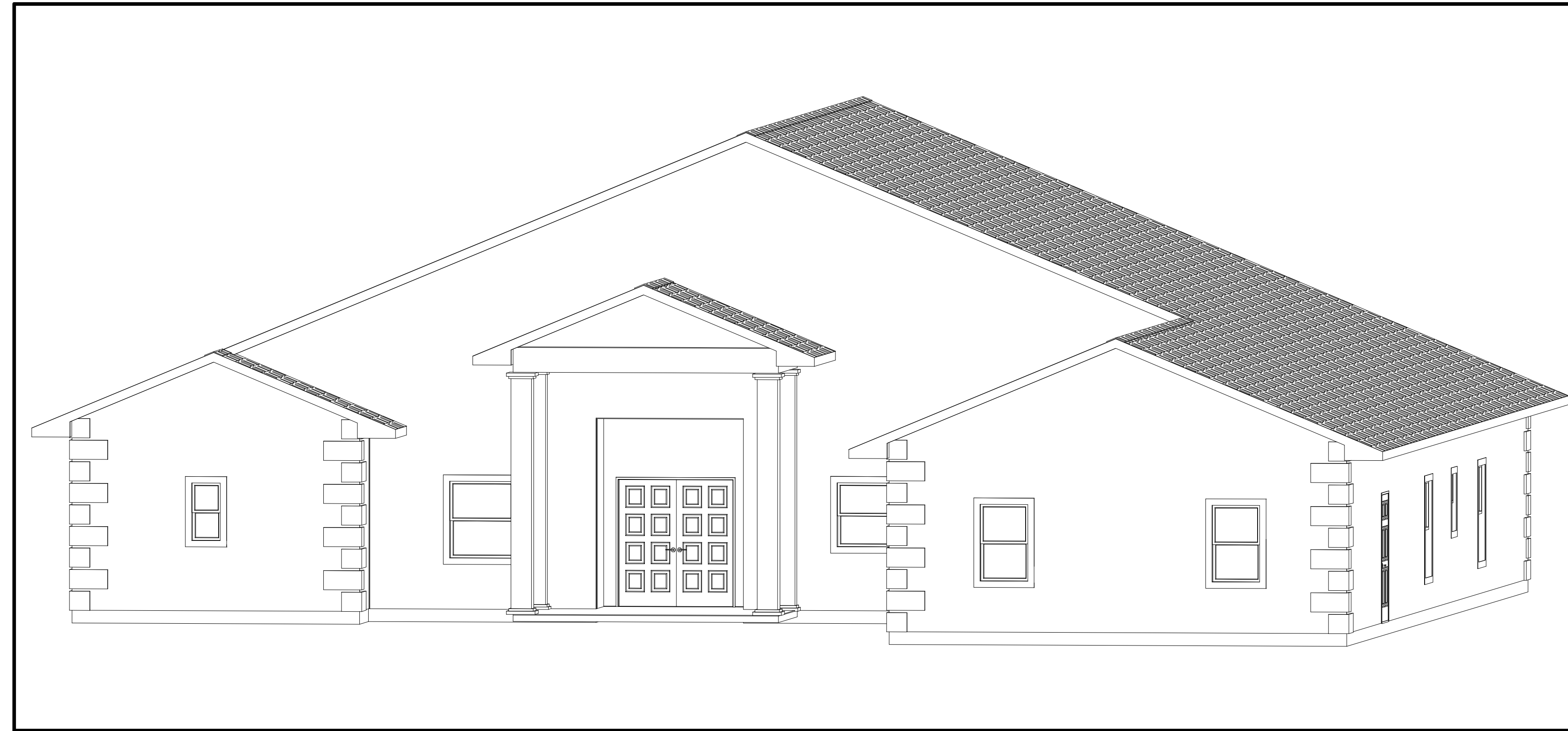
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**Structural Engineer:**

WILLIAM F. STUHRKE, PHD, P.E.  
12215 Rebecca's Run Dr.  
Winter Garden, FL 34787  
407-920-3119  
State of Florida PE #22150

**Project:**

Robert Shorey  
8350 Whispering Oaks Way  
West Palm Beach, Fl 33411



# NEW RESIDENCE FOR: ROBERT SHOREY

**SCHEDULE OF DRAWINGS**

ARCHITECTURAL	STRUCTURAL	CIVIL
A1.00 Title Sheet	S1.00 Foundation Plan	
A2.00 Exterior Elevations	S2.00 Wall Panel Plan	
A3.00 Floor Plan	S2.10 Roof Plan	
A4.00 Section Views	S3.00 Connection Details	
E1.00 Electrical Layout	S4.00 Connection Details	
P1.00 Plumbing Layout		
M1.00 Mechanical Layout		C1.00 Site Plan

GENERAL NOTES:	DESIGN PARAMETERS:
<p>THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 5TH EDITION (2014), THE FLORIDA BUILDING CODE 5TH EDITION AMENDMENTS AND ASCE 7.</p> <p>THE BUILDING (INCLUDING ALL COMPONENTS AND CLADDINGS) SHALL BE DESIGNED FOR THE FOLLOWING SUPERIMPOSED LOADS.</p> <p>FLOORS: LIVE LOAD - 40 PSF DEAD LOAD - 10 PSF</p> <p>GARAGE SLAB: LIVE LOAD - 50 PSF DEAD LOAD - 10 PSF</p> <p>ROOF: LIVE LOAD (TRUSS TOP CHORD) - 30 PSF DEAD LOAD (TRUSS TOP CHORD) - 15 PSF NO STORAGE DEAD LOAD (TRUSS BOTTOM CHORD) - 10 PSF NO STORAGE</p> <p>WIND: BUILDING IS DESIGNED TO CONFORM TO ASCE 7, CHAPTER 6; PER FLORIDA RESIDENTIAL BUILDING CODE 5TH EDITION SECTION R301.2.1.1 AND FLORIDA BUILDING CODE 5TH EDITION SECTION 1609.1.1 COMPONENT AND CLADDING - 437.681-50.58 PSF FLORIDA BUILDING CODE 5TH EDITION (2014) SECTION 1609 FBC 5TH EDITION (2014) RESIDENTIAL CHAPTER 44 HIGH-VELOCITY HURRICANE</p>	<p><b>BASIC WIND SPEED:</b> (Table 1609.3.1)  <input checked="" type="checkbox"/> V ultimate = 170 mph, V basic = 132 mph  <input type="checkbox"/> V ultimate = 160 mph, V basic = 124 mph  <input type="checkbox"/> V ultimate = 150 mph, V basic = 116 mph  <input type="checkbox"/> V ultimate = 140 mph, V basic = 108 mph</p> <p><b>RISK CATEGORY:</b>  <input type="checkbox"/> CATEGORY I  <input checked="" type="checkbox"/> CATEGORY II  <input type="checkbox"/> CATEGORY III  <input type="checkbox"/> CATEGORY IV</p> <p><b>BUILDING OCCUPANCY CLASSIFICATION:</b>  <input type="checkbox"/> GROUP A - ASSEMBLY  <input type="checkbox"/> GROUP B - BUSINESS  <input type="checkbox"/> GROUP D - DAY CARE CENTER  <input type="checkbox"/> GROUP E - EDUCATIONAL  <input type="checkbox"/> GROUP F - FACTORY  <input type="checkbox"/> GROUP H - HAZARDOUS  <input type="checkbox"/> GROUP I - INSTITUTIONAL  <input type="checkbox"/> GROUP M - MERCANTILE  <input checked="" type="checkbox"/> GROUP R - RESIDENTIAL  <input type="checkbox"/> GROUP S - STORAGE</p> <p><b>BUILDING CONSTRUCTION TYPE:</b>  <input type="checkbox"/> TYPE I  <input type="checkbox"/> TYPE II  <input type="checkbox"/> TYPE III  <input type="checkbox"/> TYPE IV  <input checked="" type="checkbox"/> TYPE V</p>
	<p><b>EXPOSURE CATEGORY:</b>  <input type="checkbox"/> B  <input checked="" type="checkbox"/> C  <input type="checkbox"/> D</p> <p><b>WINDBORNE DEBRIS REGION:</b>  <input type="checkbox"/> NO  <input checked="" type="checkbox"/> YES  <input checked="" type="checkbox"/> IMPACT RESISTANT GLAZING  <input type="checkbox"/> IMPACT RESISTANT COVERING  <input type="checkbox"/> COMBINATION OF IMPACT RESISTANCE  <input type="checkbox"/> GLAZING &amp; COVERING</p> <p><b>INTERNAL PRESSURE COEFFICIENTS:</b>  <input type="checkbox"/> 0.00 (OPEN)  <input checked="" type="checkbox"/> +0.18, -0.18 (ENCLOSED)</p> <p><b>MEAN ROOF HEIGHT</b>  <input checked="" type="checkbox"/> 30'-0" OR LESS  <input type="checkbox"/> GREATER THAN 30'-0"</p>

CONCEPTUAL 07/08/15 TM	REV 07/15/15 TM	PRELIM 07/20/15 PH	FINAL 08/06/15 HV
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**PROJECT**

**Robert SHOREY**

8350 Whispering Oaks Way  
West Palm Beach, Fl 33411

3066	Living
545	Garage
676	Lanai
156	Entry
4443	Total

**CONTRACTOR**

**SEAL**

WILLIAM F. STUHRKE  
State of Florida PE #22150

**STRUCTURAL ENGINEER**

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Structural Plans only prepared by or under the strict supervision of Professional Structural Engineer. Structural Engineer is not responsible for any dimensional errors, drafting discrepancies, or any non-structural information.

To the best of Designer's knowledge these plans are drawn to comply with owner's and/or builder's specifications. Any changes made on them after prints are made will be done at the owner's and/or builder's expense and responsibility. The contractor shall verify all dimensions on drawings. Designer or Structural Engineer are not liable for errors once construction has begun.

While every effort has been made in the preparation of this plan to avoid mistakes, the maker can not guarantee against human error. The Homeowner and/or Contractor of the job must check all dimensions and other details prior to construction and be solely responsible therefor.

**SHEET**

**A1.00**

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