



AREA SCHEDULE	
NAME	AREA
Pavillion	590 sq.ft.

Carol Chadwick, P.E.  
1208 S.W. Fairfax Glen  
Lake City, FL. 32025  
(307)680-1772

P.E.# 82560

1. Design per Florida Building Code 2023 8th edition and ASCE 7-22
2. Fastest wind 100 MPH for 3 second gust Importance Factor II
3. MWFRS equation  $F = q(s)(K_z)(X)(K_{zt})$ , Components and cladding wind pressure for each element is  $C_{ns}$  values based on the effective wind area contained within the zones. Minimum wind force for MWFRS is 16 psf for the wall area and 8 psf for the roof area. Minimum wind force for components is 16 psf.
4. Allowable soil pressure is 3,000 psf.
5. Concrete strength is 2500 psi.
6. Reinforcing steel is 24,000 psi
7. Timber is Number 2 SYP or better  $f_c$  is 1200 psi.

Digitally signed by Carol Chadwick  
DN: c=US, o=Florida,  
dnQualifier=A01410D0000018D4  
63B4E7500032FEE, cn=Carol  
Chadwick  
Date: 2025.04.02 10:57:10 -04'00'

DATE	STATUS	PRINTED NAME	SIGNATURE
		TIM BYRNES	

TM BYRNES

These drawings and specifications shall remain the property of the Designer and shall not be used for any other projects without the written consent of the Designer. These documents are not to be reproduced, changed or copied in any form or matter whatsoever, nor are they to be assigned to any third party without the written permission and consent of the Designer.

TM BYRNES

These drawings and specifications shall remain the property of the Designer and shall not be used for any other projects without the written consent of the Designer. These documents are not to be reproduced, changed or copied in any form or matter whatsoever, nor are they to be assigned to any third party without the written permission and consent of the Designer.

E PLANS DRAWN BY  
TIM BYRNES  
17664 JOHN ALLEN RD  
GLEN ST. MARY, FL  
32040-2454  
904-571-8036 CELL

THE FOLLOWING CONTRACTOR/HOMEOWNER:  
David Morrell  
212 SW Cottage Glen  
Lake City, FL.  
**FLOORPLAN**

OWNER/LOCATION	
DRAWN FOR THE	
SHEET NO.	
1 OF 2	
JOB NUMBER	
25 - Pavillion	

JOB NUMBER 25 - Pavilion	OWNER/LOCATION	DRAWN FOR THE FOLLOWING CONTRACTOR/HOMEOWNER <b>David Morrell</b> 212 SW Cottage Glen Lake City, FL.	THESE PLANS DRAWN BY <b>TIM BYRNES</b> 17664 JOHN ALLEN RD GLEN ST. MARY, FL 32040-2454 904-511-8036 CELL	"COPYRIGHT NOTICE" ALL RIGHTS RESERVED  TIM BYRNES These drawings and all calculations shall remain the property of the Designer and shall not be used for any other projects without the written consent of the Designer. These documents are not to be reproduced, stored in a retrieval system, or in any form or matter whatsoever, nor are they to be permitted and consent of the Designer.	DATE	STATUS	PRINTED NAME	SIGNATURE
	6 SHEET NO. 1 OF 2							



**WIND UPLIFT RESISTING  
STRONG-DRIVE® SCREW  
FASTENING SYSTEMS**

ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING THESE PLANS AND CHECKING THEM FOR ACCURACY, THE CONTRACTOR MUST CHECK ALL DETAILS AND DIMENSIONS AND BE RESPONSIBLE FOR THE SAME FOR ALL GOVERNING CODES AND BUILDING PRACTICES. THESE DRAWINGS CONFORM TO GENERALLY ACCEPTED BUILDING PRACTICES, HOWEVER STATE AND LOCAL CODES MAY VARY. THE DESIGNER, TIM BYRNES, SHALL NOT BE HELD LIABLE FOR ANY ERRORS OR APPROVAL BY HOMEOWNER/CONTRACTOR AND TRANSMISSIONS HAVE BEEN COMPLETED. ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL CODES. THESE DRAWINGS ARE DRAWN TO THE SCALE NOTED AND ANY MISCONCEPTIONS SHALL NOT BE THE RESPONSIBILITY OF THE DESIGNER. VERIFY WITH THE WINDOW MANUFACTURER ALL WINDOW SIZES AND APPLICABLE EGRESS REQUIREMENTS. ALL WINDOW DIMENSIONS ARE TAKEN FROM TOUGH STUDIOS OR TO THE OUTSIDE OF MASONRY. CONTRACTOR SHALL VERIFY ALL MECHANICAL AND ELECTRICAL REQUIREMENTS AND CLEARANCES. CONTRACTOR SHALL VERIFY ALL FLOOR AND ROOF BEARING LOCATIONS. CONTRACTOR SHALL VERIFY ALL BEAM AND HEADER SIZES FOR CODE COMPLIANCE.

OWNER/LOCATION	SHEET NO. 2 OF 2	DRAIN FOR THE FOLLOWING CONTRACTOR/EQUIPMENT <b>David Morrell</b> <b>212 SW Cottage Glen</b> <b>Lake City, FL.</b>	THESE PLANS DRAWN BY TIM BYRNES 11664 JOHN ALLEN RD. GLEN ST. MARTY, FL 32045 904-511-8036 CELL		DATE	STATUS	PRINTED NAME	SIGNATURE
<div> <div>HEADER - TRUSS DETAILS</div> </div>								