



# City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811  
Tel 407-581-8161 \* Fax 407-581-0313 \* [www.universalengineering.com](http://www.universalengineering.com)

## PERMIT CARD – PLEASE POST AT JOB SITE

THIS DOCUMENT BECOMES YOUR PERMIT WHEN PROPERLY VALIDATED

Per FBC 105.3.3: An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies, or federal agencies." The issuance of this permit does not grant permission to violate any applicable City, Orange County, State of Florida and/or Federal codes and/or ordinances. Separate permits are required for Signs, Roofing, Electrical, Gas, Plumbing and Mechanical services. This permit becomes VOID if the work authorized is not commenced within 6 months, or is suspended or abandoned for a period of 6 months after commencement. **WORK SHALL BE CONSIDERED SUSPENDED IF AN APPROVED INSPECTION HAS NOT BEEN MADE WITHIN A 6 MONTH PERIOD.** PERMISSION IS GRANTED TO DO THE FOLLOWING WORK ACCORDING TO THE CONDITIONS HEREON AND THE APPROVED PLANS AND SPECIFICATIONS, SUBJECT TO COMPLIANCE WITH THE ORDINANCES OF THE CITY OF BELLE ISLE, FLORIDA.

**Scope of Work:** BUILDING: screen enclosure for swimming pool

**Comments:** None

### Project Information

Address: 7008 Willoughby Lane, Belle Isle, FL 32809  
Parcel ID: 20-23-30-8860-00-240  
Property Owner: Dilmore, Sara  
Phone Number: None  
\*\*\*\*\*  
Company Name: All Seasons Pool Service Inc  
Contractor Name: Watts, John.  
License Number: CPC023576  
Address: 185 E. Airport Blvd, Sanford, FL 32773  
Phone Number: 407 883 2152

**Permit Number: 2016-03-044**

**Date of Application: 03/21/2016**

**Date Permit Issued: 04/01/2016**

**WARNING TO OWNER:** "YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT." ON THE JOB INSPECTION(S) MUST BE MADE BEFORE PROCEEDING WITH SUBSEQUENT WORK. THIS CARD MUST BE DISPLAYED OUTSIDE AND BE PROTECTED FROM THE WEATHER WHILE BEING VISIBLE FROM THE STREET UNTIL THE FINAL INSPECTIONS HAVE BEEN APPROVED.

### BUILDING FEATURES

#### IMPACT FEES

School \$  
Traffic \$

#### ZONING FEES

Zoning Fee \$165.00

#### UNIVERSAL ENG - BUILDING FEES

Cert of Occ \$  
Demo \$  
Building \$  
Fence \$  
Driveway \$  
Shed \$  
Window(s) \$  
Door(s) \$  
PrePower \$  
Electrical \$  
Temp Pole \$  
Plumbing \$  
Mechanical \$  
Gas \$  
Roofing \$  
Boat Dock \$  
Screen Encl \$79.50  
Swimming Pool \$  
Sign \$

#### SURCHARGE FEES

Surcharge Fee \$2.00  
Surcharge Fee \$2.00

**TOTAL FEES \$248.50**

**Date Paid** 4-19-16

**CC or Check #** 10259

**Amount Paid** 248.50

The person accepting this permit shall conform to the terms of the application on file and construction shall conform to the requirements of the Florida Building Code (FS 553).

#### BUILDING INSPECTOR USE ONLY

IF APPLICABLE:

Have Zoning Approval Conditions Been Met? YES NO Have Stormwater Approval Conditions

Been Met? YES NO Silt fencing in place? YES NO Turbidity Barrier in place? YES NO

#### BUILDING

1<sup>st</sup> \_\_\_\_\_ (Footing/Foundation)  
Survey specific foundation plan must be onsite before slab pour. Approved Plan on Site? \_\_\_\_  
2<sup>nd</sup> \_\_\_\_\_ (Slab)  
3<sup>rd</sup> \_\_\_\_\_ (Lintel)(Wall Reinforcing on Masonry Building)  
4<sup>th</sup> \_\_\_\_\_ (Exterior Framing)(Roof/Wall Sheathing)  
5<sup>th</sup> \_\_\_\_\_ (Framing) (To be made after Plumbing/ Mechanical/  
Electrical Rough-Ins & Windows/Doors Installed)  
6<sup>th</sup> \_\_\_\_\_ (Insulation to be Made After Roof Installed)  
7<sup>th</sup> \_\_\_\_\_ (Drywall)  
8<sup>th</sup> \_\_\_\_\_ (Sidewalk/Driveway)  
9<sup>th</sup> \_\_\_\_\_ (Other)  
10<sup>th</sup> \_\_\_\_\_ (Final – After MEP and Other Applicable Finals)

#### ROOFING

1<sup>ST</sup> ROOFING Deck Nailing/Dry-in/Flashing \_\_\_\_\_  
2<sup>nd</sup> ROOFING Covering In-Progress \_\_\_\_\_  
3<sup>rd</sup> ROOFING Covering Final \_\_\_\_\_

#### PLUMBING (Pool-Piping, Solar, Irrigation, Water Treatment Equip, Etc...)

1<sup>ST</sup> \_\_\_\_\_ (Underground) 2<sup>nd</sup> \_\_\_\_\_ (Sewer)  
3<sup>rd</sup> \_\_\_\_\_ (Rough-In/Tub Set) 4<sup>th</sup> \_\_\_\_\_ (Final)

#### CHECK APPROPRIATE BOX

GAS \_\_\_ Natural \_\_\_ LP  MECHANICAL  ELECTRICAL  LOW VOLTAGE

1<sup>st</sup> \_\_\_\_\_ (Rough-In) 2<sup>nd</sup> \_\_\_\_\_ (Final)

Inspection requests are to be emailed to [BI scheduling@UniversalEngineering.com](mailto:BI scheduling@UniversalEngineering.com); a confirmation email will be sent back to you upon scheduling. **Next-Day Inspection requests must be made by 4pm.** Please include the following in your request: Permit #, project address, type of inspection, date of the requested inspection, a contact name & a contact phone number. AM or PM may be requested but cannot be guaranteed.

For a copy of your permit, or to check inspection results, please visit <https://universalengineering.sharefile.com>

login ID = [cobi@universalengineering.com](mailto:cobi@universalengineering.com)

password = universal13

CITY OF BELLE ISLE  
Permit Application Review Sheet

Permit Number	2016-03-044
Property Owner	Dilmene, Sara
Address	7008 Willoughby Lane
Nature of Improvement	Screen Enclosure
Received Application	3-21-16
Sent for Stormwater Review	
Stormwater Approved	
Sent for Zoning Review	via email 3-30-16
Zoning Approved	3-31-16 ✓ via email
Applied for Variance	
Variance Approved	
Sent to BO for Review	
Building Official Approved	
Comments	
1.	Susan 3-21-16 Emailed Michelle - Re-submit on updated
2.	apps that I sent her back in January
3.	Susan 3-29-16 Rec'd completed NEW app
4.	review WO # 66004
5.	Susan 3-30-16 This project will require its own NOK
6.	Susan 4-1-16 Per Dale - must have PA's for the insulated roof
7.	panels - sent michelle email.
8.	Susan 4-12-16 Rec'd req. pa's. WD 66515 Received
9.	4-13-16 Dale Approved ✓
10.	
11.	
12.	
13.	

mpermitsplus@live.com



# City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811  
Tel 407-581-8161 \* Fax 407-581-0313 \* [www.universalengineering.com](http://www.universalengineering.com)



## Building Permit (Land Use) Application

DATE: 3-24-16

PERMIT # 2016-03-044

PROJECT ADDRESS 7008 Willoughby Ln, Belle Isle, FL 32809 32812

PROPERTY OWNER Sara Dilmore PHONE \_\_\_\_\_ VALUE OF WORK (labor & material) \$ 7768

**PLEASE LIST THE NATURE OF YOUR PROPOSED IMPROVEMENTS**

pool enclosure

Please provide information, if applicable.

- **SINGLE FAMILY RESIDENCE:** 8.5"x11" Plat Survey, Plot Plan of Home and Floor Plans of New Construction/Revision Required
- **BOAT DOCK:** DEP Clearance Required with Application (Call 407-897-4100); please provide a copy of their report
- **SEPTIC SYSTEM (RESIDENTIAL):** - Provide verification of OC Health Dept approval for on-site septic tank system, per FAC Chap. 64E-6
- Homeowners will be required to have a contractor on record for homes that are rented and/or not homestead

Please Complete for the City of Belle Isle Zoning Review: Parcel Id Number: 20-23-30-8860-00-240

To obtain this information, please visit <http://www.ocpafl.org/Searches/ParcelSearch.aspx>

SPECIAL CONDITIONS: STRUCTURES MAY NOT ENCR OACH INTO ANY EASEMENT OR REQUIRED SETBACK. Survey specific foundation plan required to show compliance with zoning setbacks. Note: this Zoning Approval MAY or MAY NOT be in conflict with your Deed Restrictions. For New Single Family Residence, a Traffic Impact Fee and School Impact will be assessed.

**APPROVED**  
Date: 3/31/16  
\_\_\_\_\_  
City of Belle Isle

PLANNING & ZONING APPROVAL: \_\_\_\_\_  
DATE \_\_\_\_\_

Wind Exposure Category: B \_\_\_ C \_\_\_ D \_\_\_

SPRINKLERS REQ'D	Y	N	
If Required - SUBMIT COPY OF PLANS FOR FIRE REVIEW	Date: Sent _____	RCD _____	
ZONING	<input checked="" type="checkbox"/>	N	\$ <u>165</u>
CERT OF OCC	<input checked="" type="checkbox"/>	N	\$ _____
TRAFFIC	<input checked="" type="checkbox"/>	N	\$ _____
SCHOOL	<input checked="" type="checkbox"/>	N	\$ _____
FIRE	<input checked="" type="checkbox"/>	N	\$ _____
SWIMMING POOL	<input checked="" type="checkbox"/>	N	\$ _____
SCREEN ENCLOSURE	<input checked="" type="checkbox"/>	N	\$ <u>79.50</u>
ROOFING	<input checked="" type="checkbox"/>	N	\$ _____
BOAT DOCK	<input checked="" type="checkbox"/>	N	\$ _____
BUILDING	<input checked="" type="checkbox"/>	N	\$ _____
WINDOW(S)	<input checked="" type="checkbox"/>	N	\$ _____
DOOR(S)	<input checked="" type="checkbox"/>	N	\$ _____
FENCE	<input checked="" type="checkbox"/>	N	\$ _____
SHED	<input checked="" type="checkbox"/>	N	\$ _____
DRIVEWAY	<input checked="" type="checkbox"/>	N	\$ _____
OTHER	<input checked="" type="checkbox"/>	N	\$ _____

**PLEASE COMPLETE for Building Review (min. of 2 sets of signed/sealed plans required)**

CONSTRUCTION TYPE \_\_\_\_\_

OCCUPANCY GROUP \_\_\_\_\_ Comm Res: \_\_\_\_\_ Single Fam \_\_\_\_\_ Multi Fam

#BLDG. \_\_\_\_\_ #UNITS \_\_\_\_\_ #STORIES \_\_\_\_\_ TOTAL SQ.FT. \_\_\_\_\_

MAX. FLOOR LOAD \_\_\_\_\_ MAX. OCCUPANCY \_\_\_\_\_

MIN. FLOOD ELEV. \_\_\_\_\_ LOW FLOOR ELEV. \_\_\_\_\_

WATER SERVICE \_\_\_\_\_ WELL \_\_\_\_\_ SEPTIC \_\_\_\_\_

BUILDING REVIEWER \_\_\_\_\_ DATE \_\_\_\_\_

VERIFIED CONTRACTOR'S LICENSE & INSURANCE ARE ON FILE \_\_\_\_\_ DATE \_\_\_\_\_

**Per FSS 105.3.3:**

An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies, or federal agencies."

Republic Services is by legal contract the sole authorized provider of garbage, recycling, yard waste, and commercial garbage and construction debris collection and disposal services with the city limits of the City. Contractors, homeowners and commercial businesses may contact Republic Services at 407-293-8000 to setup accounts for Commercial, Construction Roll Off, or other services needed. Rates are fixed by contract and are available at City Hall or from Republic Services. The City enforces the contract through its code enforcement office. Failure to comply will result in a stop work order.

SEPARATE PERMITS ARE REQUIRED FOR ROOFING, ELECTRICAL, PLUMBING, GAS, MECHANICAL, SIGNS, POOLS, ENCLOSURES, ETC.

3% FL SURCHARGE 4.00  
TOTAL 248.50

By Owner Form	Y	NA
Notice of Commencement	Y	NA
Power of Attorney	Y	NA
Contractor Packet included?	Y	N
<b>OTHER PERMITS REQUIRED:</b>		
ELECTRICAL	Y	NA
PREPOWER	Y	NA
MECHANICAL	Y	NA
PLUMBING	Y	NA
ROOFING	Y	NA
GAS	Y	NA





City of Belle Isle  
 1600 Nela Avenue, Belle Isle, FL 32809  
 Tel 407-851-7730 \* Fax 407-240-2222 \* [www.cityofbelleislefl.org](http://www.cityofbelleislefl.org)

**Building Permit (Land Use) Application**  
 To be completed as required by State Statute Section 713 and other applicable sections.

**PERMIT # 2016-03-044**

Owner's Name Sara Dillmore

Owner's Address 7006 Willoughby Ln

Fee Simple Titleholder's Name (If other than owner's) \_\_\_\_\_

Address \_\_\_\_\_ City PTA State \_\_\_\_\_ Zip Code \_\_\_\_\_

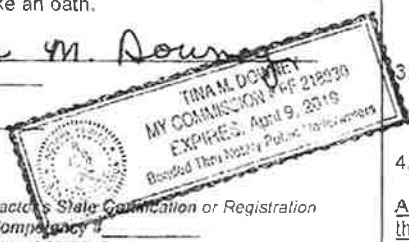
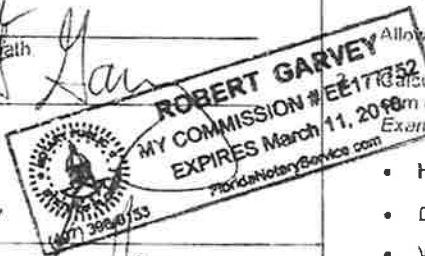
Contractor's Name <u>All Seasons Pools Screen Etc</u>	Architect/Engineer's Name <u>EGT</u>
Contractor's Address <u>6500 650 H. Chman Cr.</u>	Architect/Engineer's Address <u>607 S. Alexander St.</u>
City, State, ZIP <u>Sanford, FL</u>	City, State, ZIP <u>Plant City, FL</u>
License # <u>SCC 131151598</u>	License # <u>42712</u>
Contact Phone/Cell <u>407-883-2152</u>	Contact Phone/Cell <u>863-752-7078</u>

**WARNING TO OWNER:** Your failure to record a Notice of Commencement may result in your paying twice for improvements to your property. A notice of commencement must be recorded if job is \$2500(+) or if A/C Replacement \$7500(+) and posted on the job site before the first inspection. If you intend to obtain financing, consult with your lender or an attorney before recording your Notice of Commencement.

I hereby make Application for Permit as outlined above, and if same is granted I agree to conform to all Division of Building Safety Regulations ([www.floridabuilding.org](http://www.floridabuilding.org)) and City Ordinances ([www.municode.com](http://www.municode.com)) regulating same and in accordance with plans submitted. The issuance of this permit does not grant permission to violate any applicable City and/or State of Florida codes and/or ordinances. Application is hereby made to obtain a permit to do the work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that a separate permit must be secured for all other construction including ELECTRICAL, PLUMBING, GAS, SIGNS, POOLS, MECHANICAL, ETC.

**OWNER'S AFFIDAVIT:** I certify that all the foregoing information is accurate and that all work will be done in compliance with all applicable laws regulating construction and zoning.

<p>Owner Signature <u>[Signature]</u></p> <p>The foregoing instrument was acknowledged before me this <u>2/25/16</u></p> <p>by <u>Sara Dillmore</u> who is personally known to me</p> <p>and who produced _____ as identification and who did not take an oath.</p> <p>Notary as to Owner _____          Commission No. _____          State of FL, County of Orange          My Commission expires: _____</p>	<p><b>Impervious Surface Ratio Worksheet</b></p> <p>Development Zoned A-1 A-2, R-1-AAA, R-1-AA, R-1-A, R-1 per Section 50-74 Impervious Surface Ratio of the City Code</p> <p>1. Total Lot Area (sqft) X 0.35 = Allowable Impervious Area (BASE)</p> <p>Total Lot Area _____ X 0.35= _____</p> <p>Allowable Impervious Area (BASE) _____</p> <p>Calculate the "proposed" impervious area on the lot. This includes the sum of all areas that do not allow direct percolation of rainwater. Examples include house, pool, deck, driveway, accessory building, etc</p> <ul style="list-style-type: none"> <li>House _____</li> <li>Driveway _____</li> <li>Walkway _____</li> <li>Accessory Buildings _____</li> <li>Pool &amp; Spa _____</li> <li>Deck &amp; Patio _____</li> <li>Other _____</li> </ul> <p>Actual Impervious Area (AIA) _____</p> <p>3. If AIA is less than BASE, subtract AIA from BASE to determine the amount of impervious area that may be added without providing onsite retention.</p> <p>4. If AIA is greater than BASE, then onsite retention must be provided.</p> <p>Assuming 7.5 inches of rainfall based on a 24hr 10 year Rain Event (TP40), the formula is: (7.5 inches rainfall/12 inches p/foot) X (result from line 4) = cubic feet of storage volume needed</p>
<p>Contractor Signature <u>[Signature]</u></p> <p>The foregoing instrument was acknowledged before me this <u>3/7/16</u></p> <p>by <u>Robert Garvey</u> who is personally known to me</p> <p>and who produced _____ as identification and who did not take an oath.</p> <p>Notary as to Owner <u>Tina M. Douney</u>          Commission No. _____          State of FL, County of Orange          My Commission expires: _____</p>	



Certificate of Competency Holder: Contractor's State Certification or Registration # \_\_\_\_\_ Contractor's Certificate of Competency # \_\_\_\_\_  
 RETAIN ORIGINAL AT CITY HALL - Updated 02/20/12  
 FORM #1, LANDUSE002 - 2 of 2 Page Form

This Instrument Prepared by:  
D. Watts- All Seasons Pools  
185 E. Airport Blvd  
Sanford, Florida 32773

Parcel # 20-23-30-8860-00-240



NOTICE OF COMMENCEMENT

STATE OF FLORIDA  
COUNTY OF: ORANGE

The UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Chapter 713, Florida Statutes. The following information is provided in this Notice of Commencement.

1. Description of property: (Legal description of property, and street address if available):

Ventura Villas 5/69 Lot 24  
7008 Willoughby Ln

2. General description of improvement: Construct Swimming Pool

3. Owner information

a. Name and Address: Sara Dilmore  
7008 Willoughby Ln.  
Belle Isle, FL 32832

b. Interest in property: Fee Simple

c. Name and address of fee simple titleholder (if other than owner):

4. Contractor:

a. Name and address: All Seasons Pool Service Inc.  
185 E. Airport Blvd  
Sanford, Florida 32773  
407-871-2020

All Seasons Pools Screen  
/ G.D. Hichman & Enclosures  
Sanford, FL 32771 Inc

5. Surety: NA

6. Lender: NA

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13 (1) (a) 7, Florida Statutes:

NA

8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713/13 (1) (b), Florida Statutes:

NA

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified) 1-29-18

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713 PART 1, SECTION 713.13 FLORIDA STATUTES AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

SML  
Signature of Owner or Owner's Authorized Officer/Patron/Manager

Signatory's Title/Office

The foregoing instrument was acknowledged before me this 29 day of Jan 2016 by Sara Dilmore Dilmore who is personally known to be or has produced DL# D956-78281925-0 as identification.



Dr. Licens

Shawna D. Crowley  
Signature of Notary Public State of Florida

Under penalties of perjury, I declare that I have read the foregoing statement and that the facts stated in it are true to the best of my knowledge and belief.

State of Florida, County of Orange  
Notary Public  
2/15/16



SML  
Signature of Natural Person Signing Above

RECEIVED  
APR 12 2016  
BY:



# COBI Permit Fee Calculation Form



Admin

Reviewer Signature: \_\_\_\_\_

*[Handwritten Signature]*

Date: \_\_\_\_\_

3-30-16

Permit Type: Pool Screen Enclosure Job Cost: \$ 7,768.-

Permit Fee: \$ 53.-

Plans Review Fee: \$ 26.50 (50% of permit fee – excluding ReRoofs)

1.5% State Fee: \$ 2.- min

1.5% State Fee: \$ 2.- min

TOTAL BUILDING FEE: \$ 248.50 (does not include Zoning fees or Deposits)

*[Handwritten note: +165.-]*

**Note: Total gets doubled for SWO/AFT permits**

1ST IK  
7 x 4


25  
 28  
 ---  
 53 :- 2  
 26.50  
 ---  
 79.50

Searches
Sales Search
Results
Property Record Card
My Favorites

Sign up for e-Notify...

### 7008 Willoughby Ln < 20-23-30-8860-00-240 >

Name(s) Dilmore Sara Mailing Address On File 7008 Willoughby Ln Belle Isle, FL 32812-3734 Incorrect Mailing Address?	Physical Street Address 7008 Willoughby Ln Postal City and Zipcode Orlando, FL 32812 Property Use 0131 - Sfr - Canal Front Municipality Belle Isle
---	---



Values, Exemptions and Taxes
Property Features
Sales Analysis
Location Info
Market Stats

[Update Information](#)

#### Property Description

VENETIAN VILLAS S/69 LOT 24


**Total Land Area** 11,311 sqft (+/-) | 0.26 acres (+/-) GIS Calculated Notice

**Land (includes working values)**

Land Use Code	Zoning	Land Units	Unit Price	Land Value	Class Unit Price	Class Value
0131 - Sfr - Canal Front	R-1-AA	1 LOT(S)	\$95,000.00	\$95,000	\$0.00	\$95,000

Page 1 of 1 (1 total records)

**Buildings (includes working values)**

	Important Information	Structure	
	<b>Model Code:</b> 01 - Single Fam Residence <b>Type Code:</b> 0103 - Single Fam Class III <b>Building Value:</b> \$34,083 <b>Estimated New Cost:</b> <b>\$113,609</b>	<b>Actual Year Built:</b> 1954 <b>Beds:</b> 3 <b>Baths:</b> 1.0 <b>Floors:</b> 1	<b>Gross Area:</b> 2016 sqft <b>Living Area:</b> 1400 sqft <b>Exterior Wall:</b> Concrete Block Stucco <b>Interior Wall:</b> Plastered

Page 1 of 1 (1 total records)

**Extra Features (includes working values)**

Description	Date Built	Units	XFOB Value
PL1 - Typical 0100 Pool	01/01/1996	1 Unit(s)	\$10,540
SCR2 - Scrm Enc 2	01/01/1996	1 Unit(s)	\$5,000
BD3 - Boat Dock 3	01/01/2000	1 Unit(s)	\$10,000

Page 1 of 1 (3 total records)

This Data Printed on 12/30/2015 and System Data Last Refreshed on 12/29/2015

Site Notice • About Us • Contact Us • OCPAFL Home • Property Search • Exemption FRAUD Hotline

Orange County Property Appraiser • 200 S. Orange Avenue, Suite 1700 • Orlando, FL 32801

Office Hours: 8:00 a.m. to 5:00 p.m. Monday - Friday • Phone: 407.836.5044

Copyright © 2010 Orange County Property Appraiser. All rights reserved.

http://www.ocpafl.org/Searches/ParcelSearch.aspx

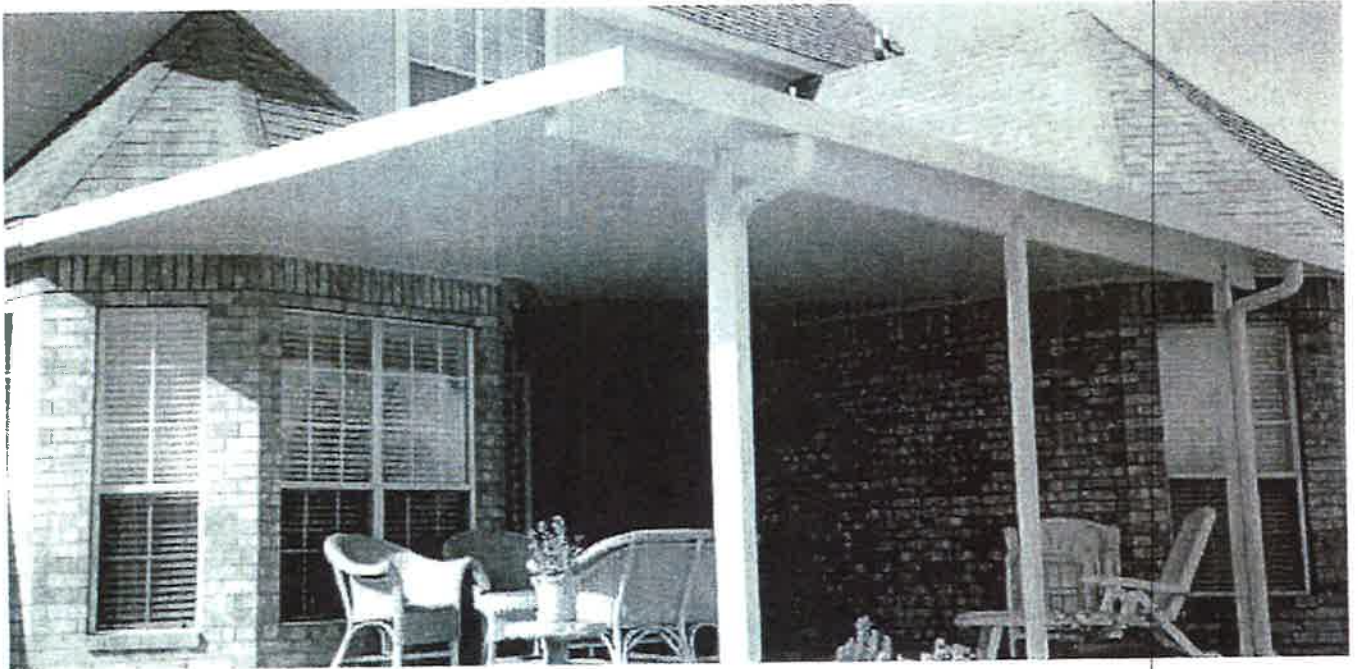
12/30/2015





# Insulated Patio Cover

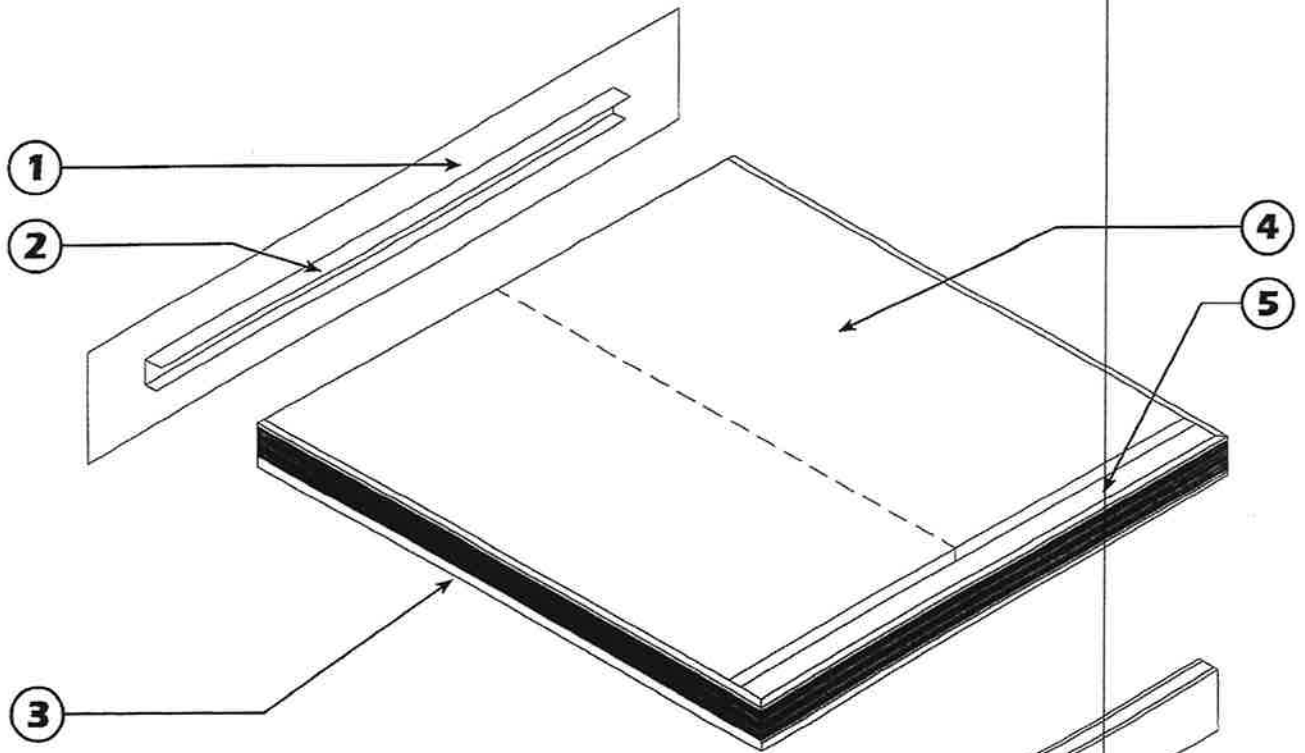
## INSTALLATION GUIDE



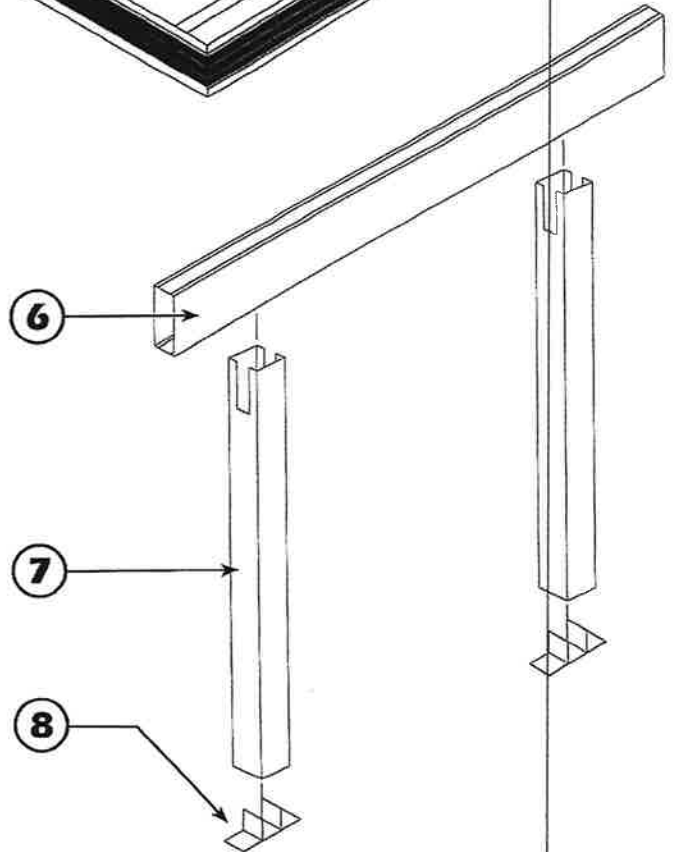
Whatever the weather, you can enjoy the solid roof construction of the Snap-N-Lock™ Insulated Panel. For maximum protection from the elements, run the panels the entire length of the roof. To provide shade and allow refreshing breezes to pass through, extend the solid roof to your desire.





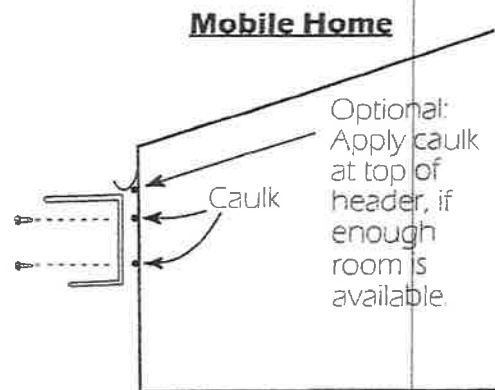
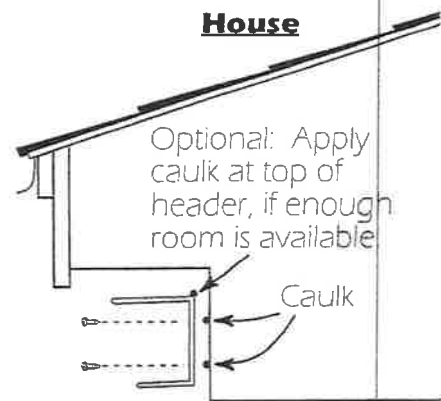
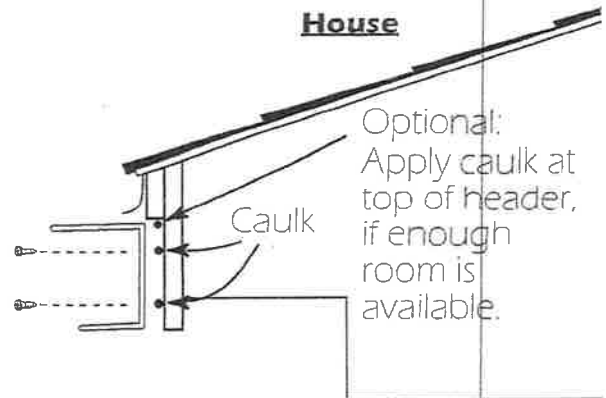


- 1 Existing Fascia or Structure
- 2 3" Wall Header
- 3 Valance Fascia
- 4 3" Snap-N-Lock™ Insulated Panel
- 5 3" Extruded Gutter



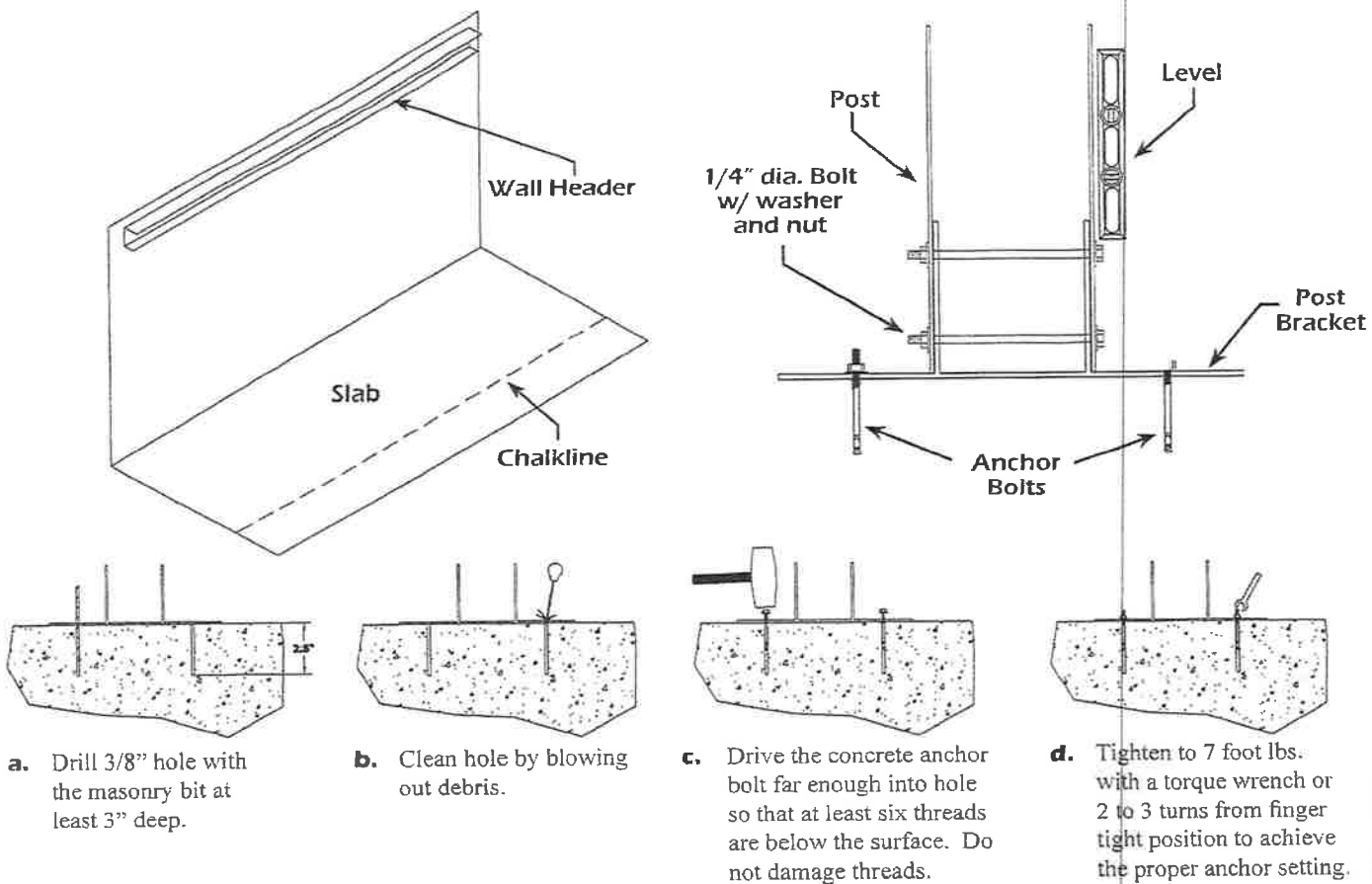
## 1. Install Wall Header

- A.** Select mounting area on wall. Snap a level chalkline along the wall to locate the bottom of the wall header. Remember, for proper drainage, the panels must be installed at a minimum 1/2" slope per foot of projection.
- B.** Cut wall header to length. Level extrusion and mark position.
- C.** Run two beads of caulking along the back surface of the box header where it will meet the existing building or fascia board. Extruded header is recommended for maximum strength.
- D.** Position the header against the existing building and secure into place using two #10 x 2" hex head screws every 12" on center. If attached to 1" fascia board, use two #10 x 2" hex head screws. If attached to a masonry wall, the header should be fastened with one 1/4" diameter masonry anchor every 16" on center. If enough room, apply a heavy bead of caulking along the top of the header to insure a water tight seal.



## 2. Post Bracket Installation and Post Attachment

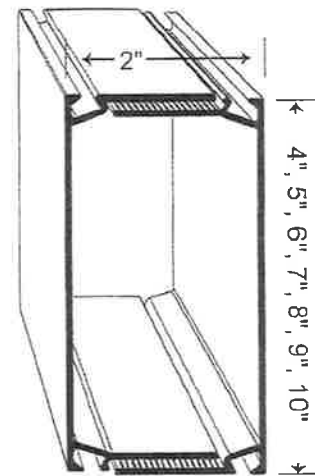
- A.** Posts should be plumb and bottom cut off if necessary to adjust the pitch of the panels for proper drainage and, at the same time, to adjust the header so that it is level from end to end.  
*(Recommended roof pitch is 1/2" for each 1 foot of panel length.)*
- B.** With the posts cut to length, plumb them again and mark the slab attachment. The anchors should be at least 4" away from the edge of the slab or expansion joint and 30" away from any crack. Two 3/8" holes should be drilled through the post brackets and corresponding holes 2-1/2" deep into the slab. Attach the brackets to the slab using the concrete anchors and hammering them into the concrete making sure not to damage the threads.
- C.** Next, fit each post onto its bracket and fasten with two 1/4" diameter bolts with washers and nuts.



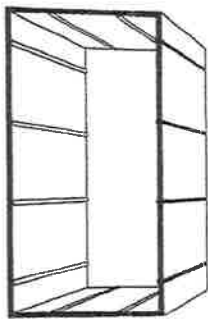


### 3. Beam Selection and Stitching

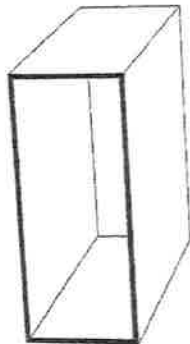
- A.** Choose the proper beam for your project according to local codes.
- B.** Self-mating beams are to be stitched at a maximum of 18" apart on top and bottom or per local code. #10 x 3/4" or #12 x 3/4" self-drilling screws to be used to fasten the bottom side of the self-mating beam. We recommend pop rivets for stitching the top side of the self-mating beam.
- C.** If local codes allow, you may choose to use an extruded hollow edge beam or tilt beam rather than a self-mating beam.
- D.** Let beam extend past the end post twelve inches. Apply beam caps to cover end of beam using #8 x 9/16" self-drilling screws.



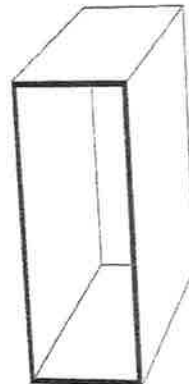
Self-Mating Beam



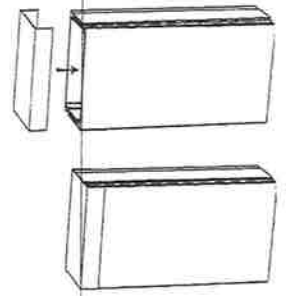
2" x 4" Tilt Beam



2" x 5" x .088 Edge Beam



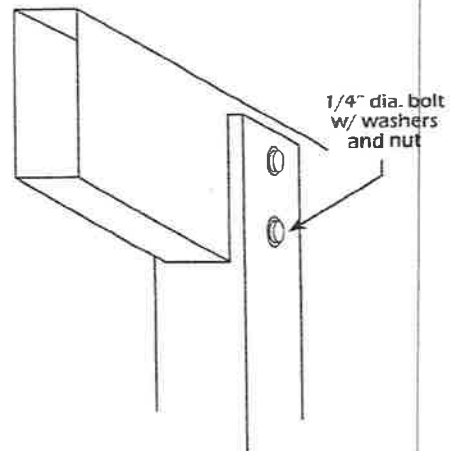
2" x 7" x .080 x .160 Edge Beam



Beam Cap

### 4. Install Beam

- A.** Set the stitched self-mating beam or extruded hollow edge or tilt beam into notched posts.
- B.** Level the beam.
- C.** Attach the post to the beam using two or three 1/4" diameter bolts with washers and nuts.



## 5. Install Snap-N-Lock™ Panels

**A.** Place the first panel into position with the female side facing the outward perimeter of the structure. *To avoid scratches* on the interior side you have two options:

- 1.) Roof panels can be lifted over the beam(s) top side down, and then turned over when in position.
- 2.) Cardboard end caps or carpet pieces can be draped over the beams(s), so that the panels don't brush against the metal surface. Check the panel for proper depth in the header and square up to support beams(s).

**B.** Fasten panel to the top and bottom of the box header with #8 x 9/16" Tek screws 8" on center.

**C.** Fasten panel to beam(s) with #10 hex washer head screws long enough to penetrate 1" into the beam. The sheetmetal screws should be used in conjunction with a 1/4" x 1-1/2" aluminum washer with neoprene backer. When going into wood framing a 1/4" x 6" lag can be substituted. Fasten the starter panel on the side and the outside corner only.

*Note: The panel must be free on male edge to snap properly, and screws should not be placed within 4" of panel seam.*

**D.** Run a bead of sealant/adhesive down the top channel of the male side in the sealant reservoir, making sure there are no air bubbles/pockets. We recommend using Pro Seal 7500.

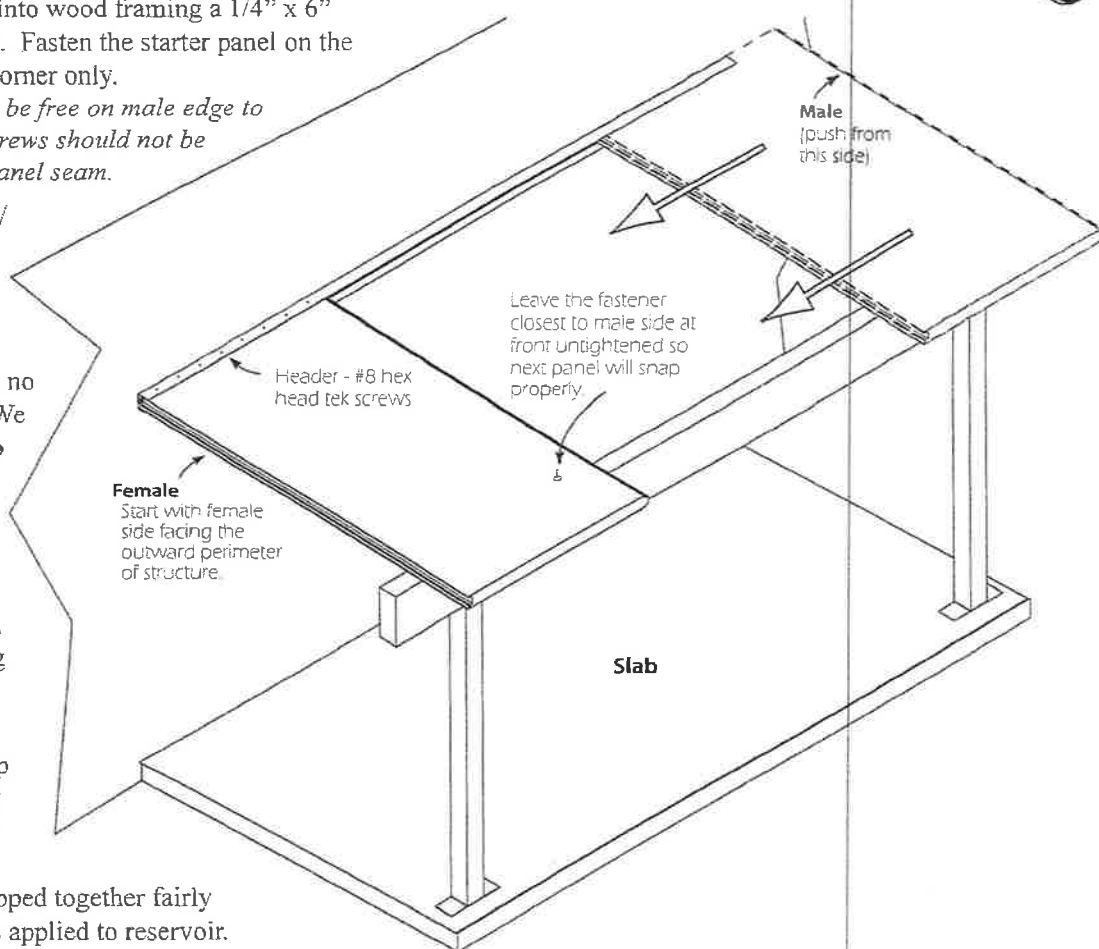
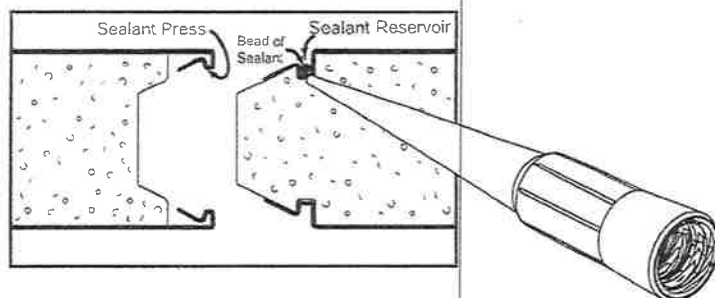
**E.** Insert the second panel into the header in a level position with the starter panel, using proper handling techniques to avoid scratches.

**F.** Position panel. Bump panel together until it snaps, bumping from header to overhang.

Panels should be snapped together fairly soon after caulking is applied to reservoir. Wipe down top seam of panel to smooth caulk.

**G.** Repeat with each new panel until finished. The last panel should be squared off on the male side prior to installing to accept valance. Then fasten remaining #10 screws or 1/4" bolts to beam(s). (If panels need cleaned, use soap and water.)

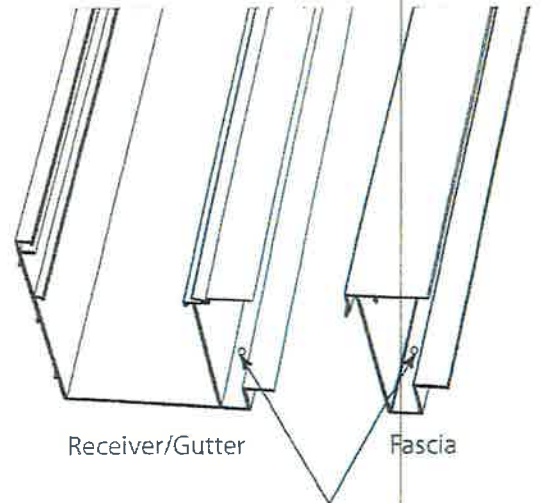
**H.** After all roof panels are installed, run a bead of sealant where the top edge of the wall header meets the panel.



## 6. Install Fascia Trim with Drip Edge/ Receiver Gutter

You can trim the roof two ways:

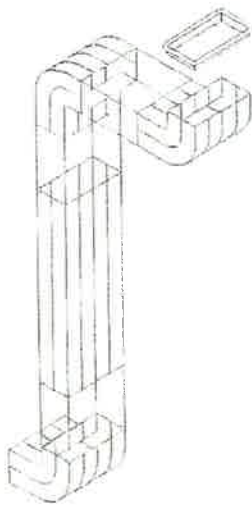
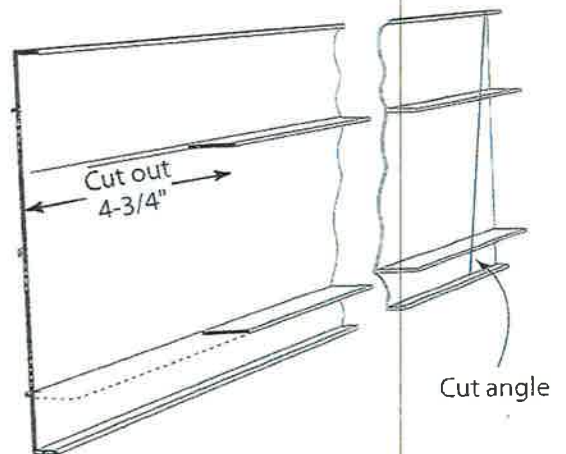
- 1) Fascia Trim on all three sides, or
  - 2) Receiver/Gutter in front and Valance on sides.
- A.** Cut front extrusion to exact width of roof plus 1/8". Run a heavy bead of caulking along upper inside edge of extrusion.
  - B.** Slip the extrusion over the end of the panels starting at one end and working the extrusion down the width of the roof. Application can be done from the roof or a ladder. A thin putty knife will facilitate application if the fit is tight.
  - C.** Using #8 x 9/16" tek screws at 12" intervals, secure extrusion to the roof front.
  - D.** Seal at all connections with Pro Seal 7500 caulking.
  - E.** Drill a weep hole on each end and at each roof panel seam (every 2 or 4 ft.) on the underside of drip edge.



Drill a small weep hole on either end of extrusion and at roof panel seams on the underside of the drip edge.

## 7. Install Matching Valance (use w/receiving gutter) or Fascia Trim with Drip Edge

- A.** Both the valance and fascia trim fit to the outside of the front extrusion. At the end closest to existing structure, cut valance/fascia at appropriate angle to allow for roof slope. At the opposite end, to allow for gutter or fascia trim, cut out the flanges 4-3/4".



## 8. Install Downspouts

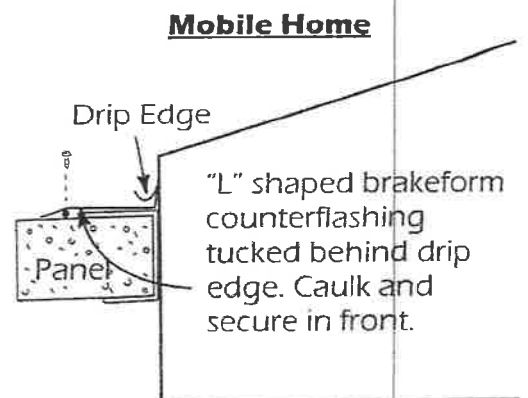
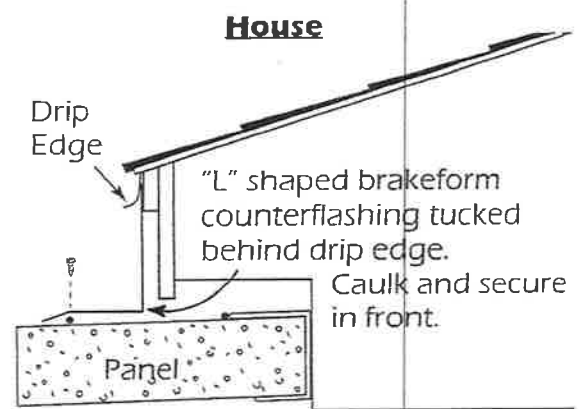
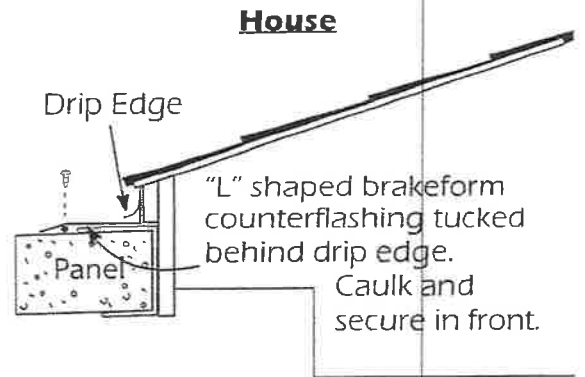
- A.** Cut two 1" diameter holes in the bottom of the Gutter. This should align with each post.
- B.** Place the downspout flange over the hole and fasten with #8 x 1/2" sheetmetal screws.
- C.** Insert the downspout elbow into one end of the downspout tube and fasten from the sides with #8 x 1/2" sheetmetal screws.
- D.** Hold the downspout assembly in place to check for proper length and cut as required.
- E.** Slip the upper end of the downspout flange and fasten from the two sides with #8 x 1/2" sheetmetal screws.
- F.** Attach the downspout tube to the post with the strap. Fasten on two sides with #8 x 1/2" sheetmetal screws.



## 9. Final Sealing Procedures

- A.** Due to the advanced design of the Snap-N-Lock™ panel, it is almost impossible for the panel seams to leak. As in any aluminum roof structure, the most critical point is where the header meets the support wall. For best results counterflashing should be used. If structure has no drip edge, use a flexible flashing such as Flex-Seal.
- B.** To insure a water tight seam, caulk under edge of counterflashing that rests on roof and secure with a #8 x 1/2" screw at 6" intervals.
- C.** Use Pro Seal 7500 to seal exposed screws and bolt heads. Make sure to completely cover the washers, because of the depression formed when tightening the panels down. Water can sit around the washers and create a problem. Apply caulking along all roof panel connections to existing structure.

**Optional Upgrade:** Provide the homeowner a more long-term, low-maintenance solution to leaks, by also covering panel connections at header, fascia and gutter; and panel seams with Flex-Seal. The tape remains flexible, while moving with the varying metals of the panel and extrusion as they expand and contract. No fishmouths will form and the bond will remain unaffected. The aluminum backing provides superior UV protection. It also enables the tape to conform to irregular surfaces for a weather-tight seal.



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THE ORIGINAL  
**SNAP-N-LOCK** [\(https://www.structall.com/catalog/\)](https://www.structall.com/catalog/)  
INSULATED PANEL

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[Florida Product Approval with HVHZ](#)  
FL15491 1-R3 (<https://approvalzoom.com/listing/FL15491.1-R3>)

[International Code Council - ICC - Recognition](#)  
Aluminum Snap-N-Lock® Composite Panels are recognized for use as roof panels of patio covers complying with Appendix H of the IRC.  
ESR-2488: Snap-N-Lock® Composite Panel ([http://www.icc-es.org/reports/pdf\\_files/ICC-ES/ESR-2488.pdf](http://www.icc-es.org/reports/pdf_files/ICC-ES/ESR-2488.pdf))

[International Code Council - ICC - Recognition](#)  
Steel Snap-N-Lock® Composite Panels are recognized for use as roof and structural wall panels in accordance with the ICC-ES Acceptance Criteria for Sandwich Panels (AC04).  
ESR-3152: Snap-N-Lock® Composite Panel ([http://www.icc-es.org/Reports/pdf\\_files/ESR-3152.pdf](http://www.icc-es.org/Reports/pdf_files/ESR-3152.pdf))

[ENERGY STAR® Qualification](#)  
When installed properly, this product will help reduce energy costs. Actual savings will vary based on geographic location and individual building characteristics. Consult your product manufacturer, roofing contractor, or call 1-888-STAR-YES (1-888-782-7937) for more information.

[024 & 030 White Snap N Lock Composite Roof Panels with Tuff-Kote Gold Paint Finish.](#)  
Manufacturer's Certification Statement (<http://structall.com/pdf/Energy%20Star%20Manufacturer%20Certification%20Statement.pdf>)

[Texas Department of Insurance Approval](#)  
Approval # RC-247 (<http://structall.com/pdf/TDI.pdf>)

[California FBH Approval](#)  
Approval # QC-1 (<http://www.hod.ca.gov/codes/fbh/>)

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**Product Approval Form**

DATE: 4/7/16 PERMIT # \_\_\_\_\_  
 PROJECT ADDRESS 7008 Willoughby Lane, Belle Isle, FL 32809 ✓ 32812

As required by Florida Statue 553.842 and Florida Administrative Code 9B-72m, please provide the information and approval numbers of the building components listed below if they will be utilized on the building or structure. FL Approved products are listed online at [www.floridabuilding.org](http://www.floridabuilding.org) or can be obtained from the local product supplier. The following information must be turned in with permit application and available onsite for inspections:

1. This Product Approval Cover Sheet
2. Internet screen from FloridaBuilding.org showing PA#, approval and code edition stamped
3. Manufacturer's installation details from FloridaBuilding.org and requirements for each product stamped

Product Type	Manufacturer	Model/Series	FL Product Approval #	Product Type	Manufacturer	Model/Series	FL Product Approval #
<b>EXTERIOR DOORS</b>				<b>WALL PANELS</b>			
Swinging				Sliding			
Sliding				Soffits			
Sectional/Rollup				Storefront			
Other				Glass Block			
				Other			
<b>WINDOWS</b>				<b>ROOFING PRODUCTS</b>			
Single/Dbf Hung				Asphalt Shingles			
Horizontal Slider				Non Struct Metal			
Casement				Roofing Tiles			
Fixed				Single Ply Roof			
Mullion				Underlayment			
Skylights				Other			
Other				Snap & Lock composite panels	Structall	Aluminum Shoppack	FL 15491.1-R3
<b>STRUCTURAL COMPONENTS</b>				<b>OTHER</b>			
Wood Connectors							
Wood Anchors							
Truss Plates							
Insulation Forms							
Lintels							
Other							



It is the applicant's responsibility to verify that specific products have been installed in accordance with their limitations and with the minimum required design pressures for the structure. Specific compliance will be verified during field inspections.

Applicant Signature [Signature]

Date 4/7/16



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FL #	FL15491-R3								
Application Type	Revision								
Code Version	<b>2014</b>								
Application Status	Approved								
Comments									
Archived	<input type="checkbox"/>								
Product Manufacturer Address/Phone/Email	Structall Building Systems, Inc. 350 Burbank Rd. Oldsmar, FL 34677 (813) 855-2627 kmatuza@structall.com								
Authorized Signature	Frank Bennardo frank@engexp.com								
Technical Representative Address/Phone/Email									
Quality Assurance Representative Address/Phone/Email									
Category Subcategory	Roofing <b>Metal Roofing</b>								
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer ✔ Evaluation Report - Hardcopy Received								
Florida Engineer or Architect Name who developed the Evaluation Report	Frank L. Bennardo, P.E.								
Florida License	PE-0046549								
Quality Assurance Entity	RADCO, INC.								
Quality Assurance Contract Expiration Date	05/01/2016								
Validated By	Keith E. Lorinos, PE ✔ Validation Checklist - Hardcopy Received								
Certificate of Independence	<a href="#">FL15491_R3_COI_Independ.pdf</a>								
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th><b>Standard</b></th> <th><b>Year</b></th> </tr> </thead> <tbody> <tr> <td>ASTM E72</td> <td>1998</td> </tr> <tr> <td>ASTM E72</td> <td>2005</td> </tr> <tr> <td>ASTM E84</td> <td>1991</td> </tr> </tbody> </table>	<b>Standard</b>	<b>Year</b>	ASTM E72	1998	ASTM E72	2005	ASTM E84	1991
<b>Standard</b>	<b>Year</b>								
ASTM E72	1998								
ASTM E72	2005								
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Equivalence of Product Standards Certified By	Florida Licensed Professional Engineer or Architect <a href="#">FL15491_R3_Equiv_Equiv.pdf</a>								

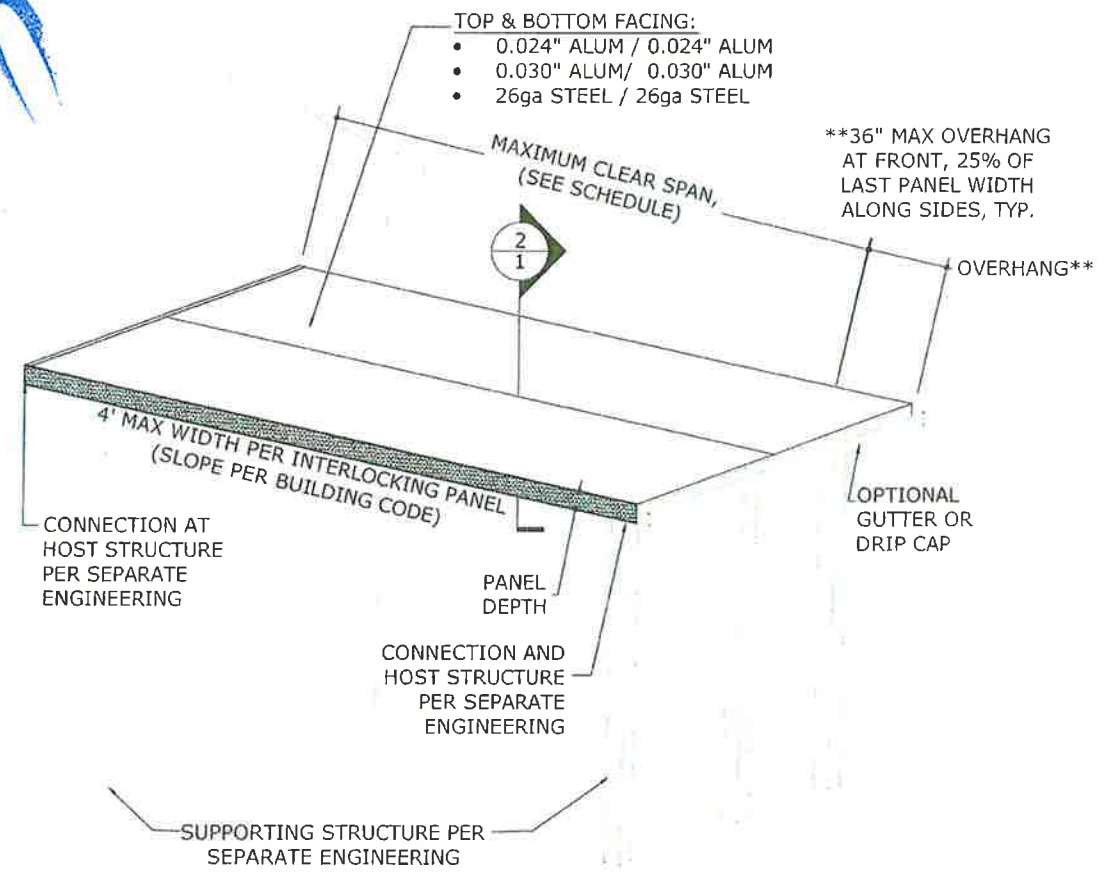




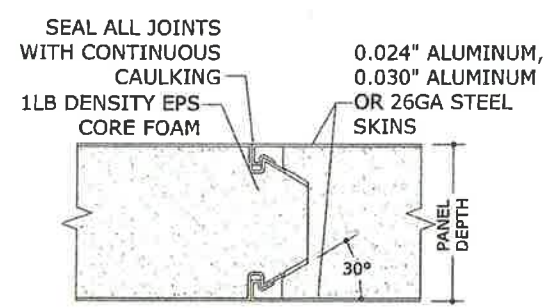
# STRUCTALL BUILDING SYSTEMS

## EPS FOAM CORE ROOF PANELS - METAL SKIN

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**1 CLEAR SPAN ISOMETRIC**  
N.T.S. ISOMETRIC



**2 PANEL INTERLOCK DETAIL**  
N.T.S. DETAIL

### DESIGN NOTES:

POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM HAVE BEEN CALCULATED IN ACCORDANCE WITH ASCE 7-10 AND THE FLORIDA BUILDING CODE USING ALLOWABLE STRESS DESIGN METHODOLOGY WITH THE CRITERIA OUTLINED HEREIN.

### MAXIMUM ALLOWABLE DESIGN PRESSURES:

AS NOTED IN CLEAR SPAN TABLES

#### ENCLOSED STRUCTURE LOADS:

1. CALCULATIONS BASED ON ASCE 7-10,  $V_{ult} = 130$  MPH - 180 MPH, ENCLOSED STRUCTURE COMPONENTS & CLADDING, RISK CATEGORY=II,  $K_d=0.85$ ,  $K_{zt}=1.0$ ,  $K_z=TABLE$  30.3-1,  $G_{Cpi} = +/-0.18$ , 15' MEAN ROOF HEIGHT.

#### SCREENED ENCLOSURE LOADS:

2. WIND LOADS ARE TAKEN AS THE MAXIMUM BETWEEN ASCE 7-10 ENCLOSED STRUCTURE COMPONENTS & CLADDING (AS DESCRIBED ABOVE) AND THE GOVERNING LOADS AS ILLUSTRATED IN FBC TABLE 2002.4 FOR VERTICAL LOADS ON SOLID ROOFS, UP TO 15' MEAN ROOF HEIGHT,  $V_{ult} = 130$  MPH - 180 MPH.

#### OPEN STRUCTURE LOADS:

3. CALCULATIONS BASED ASCE 7-10, ROOF OVER OPEN STRUCTURE COMPONENTS & CLADDING, OBSTRUCTED WIND FLOW, RISK CATEGORY=II,  $K_d=0.85$ ,  $K_{zt}=1.0$ ,  $K_z=0.85$ , 15' MEAN ROOF HEIGHT,  $V_{ult} = 130$  MPH - 180 MPH.

\*LOAD COMBINATIONS UTILIZED IN THIS MASTER PLAN SHEET HAVE BEEN DERIVED FROM THE ALLOWABLE STRESS DESIGN LOAD COMBINATIONS ILLUSTRATED IN ASCE 7-10

\*\*ALL WIND SPEEDS LISTED HERE ARE  $V_{ult}$  WIND SPEEDS.  $V_{asd}$  WIND SPEEDS MAY BE CALCULATED WITH THE FOLLOWING CONVERSION:  $V_{ult} = V_{asd} \times \sqrt{0.6}$

\*\*\*CALCULATIONS CONSIDER 9.46° ROOF SLOPE. ROOF LIVE LOADS USED IN CALCULATIONS CONSIDER 20 PSF AS DEFINED IN FBC SECTION 1607.

### GENERAL NOTES:

- THIS SPECIFICATION HAS BEEN DESIGNED AND SHALL BE FABRICATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR USE WITHIN AND OUTSIDE THE HVHZ. COMPOSITE ROOF PANELS SHALL COMPLY WITH CHAPTER 7 SECTION 720, CHAPTER 8 SECTION 803, CLASS A INTERIOR FINISH, AND CHAPTER 26 SECTION 2603 OF THE FBC.
- CONTRACTOR SHALL INVESTIGATE AND CONFORM TO ALL LOCAL BUILDING CODE AMENDMENTS WHICH MAY APPLY. DESIGN CRITERIA BEYOND AS STATED HEREIN MAY REQUIRE ADDITIONAL SITE-SPECIFIC SEALED ENGINEERING.
- NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM.
- DESIGN PRESSURES AS NOTED HEREIN ARE BASED ON A MAXIMUM TESTED PRESSURE DIVIDED BY A 2.0 FACTOR OF SAFETY.
- THE ARCHITECT/ENGINEER OF RECORD FOR THE PROJECT SUPERSTRUCTURE WITH WHICH THIS DESIGN IS USED SHALL BE RESPONSIBLE FOR THE INTEGRITY OF ALL SUPPORTING SURFACES TO THIS DESIGN WHICH SHALL BE COORDINATED BY THE PERMITTING CONTRACTOR.
- SEPARATE 'SITE-SPECIFIC' SEALED ENGINEERING SHALL BE REQUIRED IN ORDER TO DEVIATE FROM LOADS, DEFLECTIONS, OR SPANS CONTAINED HEREIN. LINEAR INTERPOLATION OF THE ALLOWABLE SPAN TABLES LISTED HEREIN SHALL NOT BE PERMITTED. CONTACT THIS ENGINEER FOR ALTERNATE SPAN CALCULATIONS AS MAY BE REQUIRED.
- THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
- EPS PANEL PERFORMANCE CHARACTERISTICS FOR SELF IGNITION, FLAME SPREAD AND SMOKE DENSITY HAVE BEEN QUALIFIED THROUGH APPLICABLE ASTM TEST STANDARDS. SEE EVALUATION REPORT FOR MORE INFORMATION.
- THE CONTRACTOR SHALL CAREFULLY CONSIDER POSSIBLE IMPOSING LOADS ON ROOF, INCLUDING BUT NOT LIMITED TO ANY CONCENTRATED LOADS WHICH MAY JUSTIFY GREATER DESIGN CRITERIA. THIS ADDITIONAL ROOF LOAD CRITERIA SHALL BE PROPERLY ANALYZED BY A LICENSED ENGINEER OR REGISTERED ARCHITECT.
- EPS CORE COMPOSITE PANELS SHALL BE CONSTRUCTED USING TYPE 3105-H254 ALUMINUM FACINGS OR ASTM A653, CS, TYPE B HOT DIP GALVANIZED G90 COATED STEEL FACINGS. EXPANDED POLYSTYRENE FOAM SHALL HAVE TYPICAL DENSITY OF 1.0 PCF. THE EPS FOAM SHALL BE ADHERED TO THE ALUMINUM FACING WITH MORAD M640 SERIES ADHESIVE (BY ROHM AND HAAS COMPANY). FABRICATION SHALL BE IN ACCORDANCE WITH APPROVED FABRICATION METHODS BY MANUFACTURER FOR ALL PANELS.
- THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.
- ENGINEER SEAL AFFIXED HERE TO VALIDATES STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, & CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN.
- EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
- ALTERATIONS, ADDITIONS, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.

### TABLE VALUE DERIVATIONS:

- PANEL PROPERTIES:
- PANEL STRUCTURAL PROPERTIES DERIVED FROM CERTIFIED TEST REPORTS Nos. TT-506027B, 506027C, 506027D, 509014A, 509014B BY TERRAPIN TESTING, ESP012351P-1, ESP012351P-2, ESP012351P-3, ESP012351P-3A, ESP012351P-4, ESP012351P-5, ESP012351P-6, EXP012351P-6A, ESP012351P-7, ESP012351P-8, ESP012351P-9, ESP012351P-9A BY ELEMENT MATERIALS TECHNOLOGY.
  - PANEL DEAD LOADS HAVE BEEN FACTORED INTO CALCULATIONS FOR LIVE LOADS OR UPLIFT AS WELL AS CALCULATIONS FOR PANEL PROPERTIES.



FRANK L. BENNARD, P.E.  
05/01/2015  
No. 16544

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FBC 5TH EDITION (2014) PRODUCT APPROVAL #FL 15491.1

REMARKS	DRWN	CHKD	DATE
INIT ISSUE (12-STRUC-01)	CSL	KL	04/05/12
REV FOR 0.030\" SKINS	CSL	TSB	07/09/13
REV FOR WIND SPEEDS	CSL	TSB	12/05/13
FBC 5TH EDITION (2014)	CSL	TSB	04/21/15
ADD HVHZ	RWN	CSL	04/30/15

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MAXIMUM ALLOWABLE CLEAR SPAN TABLE  
ROOF OVER ENCLOSED STRUCTURE:

Table with 12 columns: Wind Speed (MPH), Exposure, Live Load &/or Uplift, Deflection Limit (L/...), 3" Panels (0.024" Alum Skin, 0.030" Alum Skin, 1-LB EPS), 4" Panels (0.024" Alum Skin, 0.030" Alum Skin, 26ga Steel Skin, 1-LB EPS), 6" Panels (0.024" Alum Skin, 0.030" Alum Skin, 26ga Steel Skin, 1-LB EPS).

MAXIMUM ALLOWABLE CLEAR SPAN TABLE  
ROOF OVER SCREEN WALL STRUCTURE:

Table with 12 columns: Wind Speed (MPH), Exposure, Live Load &/or Uplift, Deflection Limit (L/...), 3" Panels (0.024" Alum Skin, 0.030" Alum Skin, 1-LB EPS), 4" Panels (0.024" Alum Skin, 0.030" Alum Skin, 26ga Steel Skin, 1-LB EPS), 6" Panels (0.024" Alum Skin, 0.030" Alum Skin, 26ga Steel Skin, 1-LB EPS).

NOTE:  
SEE TABLE NOTES DETAILED ON SHEET 3

Projects15-2409 EPS Foam Core Roof Panels - FSA - Update FL 15491 for 2014 Florida Bldg - Project\WP15-2409\_b\_Structural\EPS Core Panels (FSA).dwg

Professional Engineer Seal for Frank L. Benardo, P.E. No. 46540, dated 05/01/15. Text: VALID FOR (1) JOB(S) ONLY. CORPORATE OFFICE: 160 SW 12th Avenue, #106, Deerfield Beach, FL 33442. Phone: (954) 354-0660. Website: WWW.ENGEXP.COM

STRUCTURAL BUILDING SYSTEMS  
350 BURNBANK ROAD  
OLDSMAR, FL 34677  
PH: (813) 855-2627  
EPS FOAM CORE COMPOSITE PANELS  
ALUMINUM & STEEL METAL SKINS  
FBC 5TH EDITION (2014) PRODUCT APPROVAL # FL 15491.1

REVISIONS: DRWN/CHKD, DATE, INIT ISSUE (12-STRUC-01), REV FOR 0.030" SKINS, REV FOR WIND SPEEDS, FBC 6TH EDITION (2014), ADD HWRZ. SCALE: 15-2409a. PAGE DESCRIPTION:



**MAXIMUM ALLOWABLE CLEAR SPAN TABLE  
ROOF OVER OPEN STRUCTURE:**

Wind Speed (MPH)	Exposure	Live Load &/or Uplift	Deflection Limit (L...)	3" Panels		4" Panels			6" Panels		
				0.024" Alum Skin	0.030" Alum Skin	0.024" Alum Skin	0.030" Alum Skin	26ga Steel Skin	0.024" Alum Skin	0.030" Alum Skin	26ga Steel Skin
				1-LB EPS	1-LB EPS	1-LB EPS	1-LB EPS	1-LB EPS	1-LB EPS	1-LB EPS	1-LB EPS
130	B	+/- 28 psf	120	10'-5"	11'-9"	12'-1"	12'-11"	12'-1"	13'-3"	14'-9"	14'-11"
130	B	+/- 28 psf	180	9'-2"	11'-9"	10'-10"	12'-3"	12'-1"	13'-3"	14'-9"	14'-11"
130	B	+/- 28 psf	240	8'-4"	11'-2"	9'-11"	11'-2"	11'-11"	12'-3"	13'-9"	14'-9"
130	C	+/- 29 psf	120	10'-4"	11'-8"	12'-0"	12'-10"	12'-1"	13'-2"	14'-9"	14'-11"
130	C	+/- 29 psf	180	9'-2"	11'-8"	10'-10"	12'-3"	12'-1"	13'-2"	14'-9"	14'-11"
130	C	+/- 29 psf	240	8'-4"	11'-1"	9'-10"	11'-1"	11'-11"	12'-3"	13'-9"	14'-8"
130	D	+/- 35 psf	120	9'-5"	10'-7"	10'-11"	11'-8"	10'-11"	11'-11"	13'-4"	13'-6"
130	D	+/- 35 psf	180	8'-7"	10'-7"	10'-2"	11'-5"	10'-11"	11'-11"	13'-4"	13'-6"
130	D	+/- 35 psf	240	7'-10"	10'-5"	9'-3"	10'-5"	10'-11"	11'-5"	12'-11"	13'-6"
140	B	+/- 29 psf	120	10'-4"	11'-9"	12'-0"	12'-11"	12'-1"	13'-2"	14'-9"	14'-11"
140	B	+/- 29 psf	180	9'-2"	11'-9"	10'-10"	12'-3"	12'-1"	13'-2"	14'-9"	14'-11"
140	B	+/- 29 psf	240	8'-4"	11'-2"	9'-10"	11'-1"	11'-11"	12'-3"	13'-9"	14'-8"
140	C	+/- 35 psf	120	9'-5"	10'-7"	10'-11"	11'-8"	10'-11"	11'-12"	13'-4"	13'-6"
140	C	+/- 35 psf	180	8'-7"	10'-7"	10'-2"	11'-6"	10'-11"	11'-12"	13'-4"	13'-6"
140	C	+/- 35 psf	240	7'-10"	10'-5"	9'-3"	10'-5"	10'-11"	11'-6"	12'-11"	13'-6"
140	D	+/- 42 psf	120	8'-6"	9'-8"	9'-11"	10'-7"	9'-11"	10'-10"	12'-1"	12'-3"
140	D	+/- 42 psf	180	8'-1"	9'-8"	9'-6"	10'-7"	9'-11"	10'-10"	12'-1"	12'-3"
140	D	+/- 42 psf	240	7'-4"	9'-8"	8'-8"	9'-9"	9'-11"	10'-9"	12'-1"	12'-3"
155	B	+/- 34 psf	120	9'-7"	10'-10"	11'-1"	11'-11"	11'-1"	12'-2"	13'-7"	13'-9"
155	B	+/- 34 psf	180	8'-8"	10'-10"	10'-3"	11'-7"	11'-1"	12'-2"	13'-7"	13'-9"
155	B	+/- 34 psf	240	7'-11"	10'-6"	9'-4"	10'-6"	11'-1"	11'-7"	13'-0"	13'-9"
155	C	+/- 41 psf	120	8'-8"	9'-9"	10'-1"	10'-9"	10'-1"	11'-0"	12'-4"	12'-5"
155	C	+/- 41 psf	180	8'-2"	9'-9"	9'-8"	10'-9"	10'-1"	11'-0"	12'-4"	12'-5"
155	C	+/- 41 psf	240	7'-5"	9'-9"	8'-9"	9'-10"	10'-1"	10'-10"	12'-2"	12'-5"
155	D	+/- 49 psf	120			9'-1"	9'-9"	9'-2"	10'-0"	11'-2"	11'-3"
155	D	+/- 49 psf	180			9'-0"	9'-9"	9'-2"	10'-0"	11'-2"	11'-3"
155	D	+/- 49 psf	240			8'-2"	9'-3"	9'-2"	10'-0"	11'-2"	11'-3"
165	B	+/- 38 psf	120	8'-12"	10'-2"	10'-5"	11'-2"	10'-5"	11'-5"	12'-9"	12'-11"
165	B	+/- 38 psf	180	8'-4"	10'-2"	9'-10"	11'-1"	10'-5"	11'-5"	12'-9"	12'-11"
165	B	+/- 38 psf	240	7'-7"	10'-1"	8'-11"	10'-1"	10'-5"	11'-1"	12'-6"	12'-11"
165	C	+/- 46 psf	120	8'-2"	9'-2"	9'-5"	10'-1"	9'-6"	10'-4"	11'-7"	11'-8"
165	C	+/- 46 psf	180	7'-10"	9'-2"	9'-3"	10'-1"	9'-6"	10'-4"	11'-7"	11'-8"
165	C	+/- 46 psf	240	7'-1"	9'-2"	8'-5"	9'-6"	9'-6"	10'-4"	11'-7"	11'-8"
165	D	+/- 56 psf	120			8'-7"	9'-2"	8'-7"	9'-5"	10'-6"	10'-7"
165	D	+/- 56 psf	180			8'-7"	9'-2"	8'-7"	9'-5"	10'-6"	10'-7"
165	D	+/- 56 psf	240			7'-10"	8'-10"	8'-7"	9'-5"	10'-6"	10'-7"
170	B	+/- 40 psf	120	8'-8"	9'-10"	10'-1"	10'-10"	10'-1"	11'-1"	12'-4"	12'-6"
170	B	+/- 40 psf	180	8'-2"	9'-10"	9'-8"	10'-10"	10'-1"	11'-1"	12'-4"	12'-6"
170	B	+/- 40 psf	240	7'-5"	9'-10"	8'-9"	9'-11"	10'-1"	10'-11"	12'-3"	12'-6"
170	C	+/- 49 psf	80			9'-2"	9'-10"	9'-2"	10'-0"	11'-3"	11'-4"
170	C	+/- 49 psf	120			9'-2"	9'-10"	9'-2"	10'-0"	11'-3"	11'-4"
170	C	+/- 49 psf	180			9'-1"	9'-10"	9'-2"	10'-0"	11'-3"	11'-4"
170	C	+/- 49 psf	240			8'-3"	9'-3"	9'-2"	10'-0"	11'-3"	11'-4"
170	D	+/- 60 psf	80			8'-4"	8'-11"	8'-4"	9'-1"	10'-2"	10'-3"
170	D	+/- 60 psf	120			8'-4"	8'-11"	8'-4"	9'-1"	10'-2"	10'-3"
170	D	+/- 60 psf	180			8'-4"	8'-11"	8'-4"	9'-1"	10'-2"	10'-3"
170	D	+/- 60 psf	240			7'-8"	8'-8"	8'-4"	9'-1"	10'-2"	10'-3"
175	C	+/- 52 psf	80			8'-11"	9'-6"	8'-11"	9'-9"	10'-11"	11'-0"
175	C	+/- 52 psf	180			8'-10"	9'-6"	8'-11"	9'-9"	10'-11"	11'-0"
175	D	+/- 63 psf	80			8'-1"	8'-8"	8'-1"	8'-10"	9'-11"	9'-12"
175	D	+/- 63 psf	180			8'-1"	8'-8"	8'-1"	8'-10"	9'-11"	9'-12"
180	C	+/- 55 psf	120			8'-8"	9'-3"	8'-8"	9'-6"	10'-7"	10'-9"
180	C	+/- 55 psf	180			8'-8"	9'-3"	8'-8"	9'-6"	10'-7"	10'-9"
180	C	+/- 55 psf	240			7'-11"	8'-11"	8'-8"	9'-6"	10'-7"	10'-9"

**CLEAR SPAN TABLE USE INSTRUCTIONS:**

- DETERMINE TYPE OF ENCLOSURE TO BE COVERED (ENCLOSED, SCREENED WALLS, OR OPEN STRUCTURE).
- DETERMINE THE SITE SPECIFIC REQUIRED ULTIMATE DESIGN WIND SPEED (MPH), IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.
- FIND ALLOWABLE COMPOSITE PANEL CLEAR SPAN IN TABLES FOR APPROPRIATE PANEL DEPTH, FACING THICKNESS, AND EPS CORE DENSITY SELECTED.
- INDICATES VALUES NOT VALID FOR USE.

**DEFLECTION NOTES:**

- DETERMINE REQUIRED DEFLECTION LIMITATION PER THE MINIMUM REQUIREMENTS ILLUSTRATED IN THE FLORIDA BUILDING CODE.
- (+) INDICATES ROWS FOR USE WITHIN THE HVHZ ONLY. DEFLECTION LIMITS CONSIDERED FOR USE IN THE HVHZ ARE:
  - L/80 FOR SPANS ≤ 12'-0"
  - L/180 FOR SPANS > 12'-0"

**OTHER CONSIDERATIONS:**

- FRONT OVERHANG MAY BE UP TO 3'-0" WITH VALUES LISTED HEREIN. MAXIMUM UNSUPPORTED SIDE OVERHANG IS 25% OF LAST PANEL WIDTH (i.e. 12" MAX FOR 48" PANEL WIDTH).

FRANK L. BENNARD, P.E.  
#0046549

05/01/2015  
No. 46549

VALID FOR THE JOB ONLY  
VALID ONLY WITH ORIGINAL ENGINEER SEAL

PROFESSIONAL ENGINEER  
EXPRESS

CORPORATE OFFICE: #106  
160 SW 12th AVENUE, FL 33442  
DEERFIELD BEACH, FL 33442  
PH: (954) 354-0660 FAX: (954) 354-0643  
CERT OF AUTH #9885  
FOR BRANCH LOCATION INFO, VISIT  
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**STRUCTURAL BUILDING SYSTEMS**  
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PH: (813) 855-2627

EPS FOAM CORE COMPOSITE PANELS  
ALUMINUM & STEEL METAL SKINS  
FBC 5TH EDITION (2014) PRODUCT APPROVAL #FL 15491.1

REMARKS	DRWN	CHKD	DATE
INIT ISSUE (12-STRUC-01)	CSL	KL	04/05/12
REV FOR 0.030" SKINS	CSL	TSB	07/08/13
REV FOR WIND SPEEDS	CSL	TSB	12/05/13
FBC 5TH EDITION (2014)	CSL	TSB	04/21/15
ADD HVHZ	RWN	CSL	04/30/15

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15-2409a

SCALE:  
PAGE DESCRIPTION:

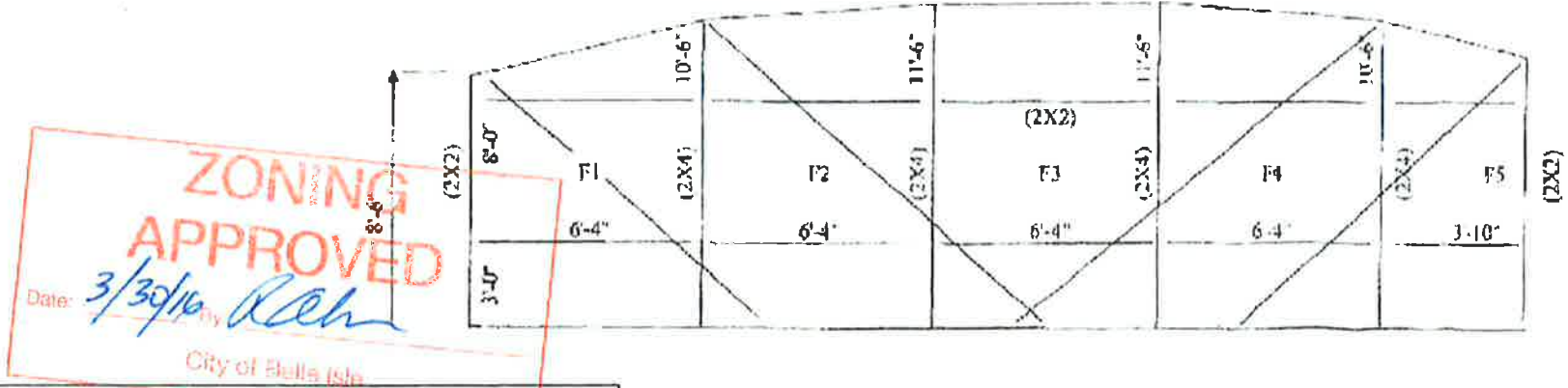
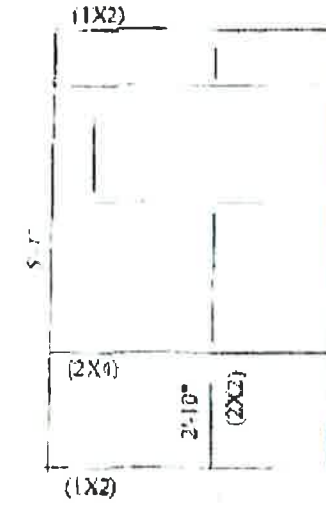
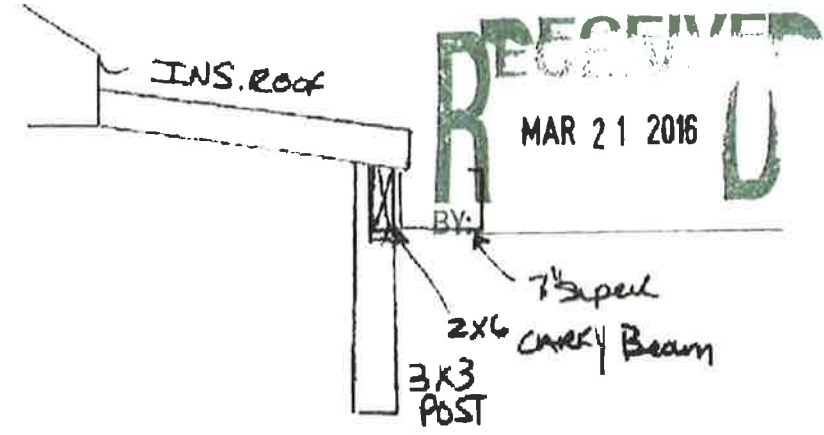
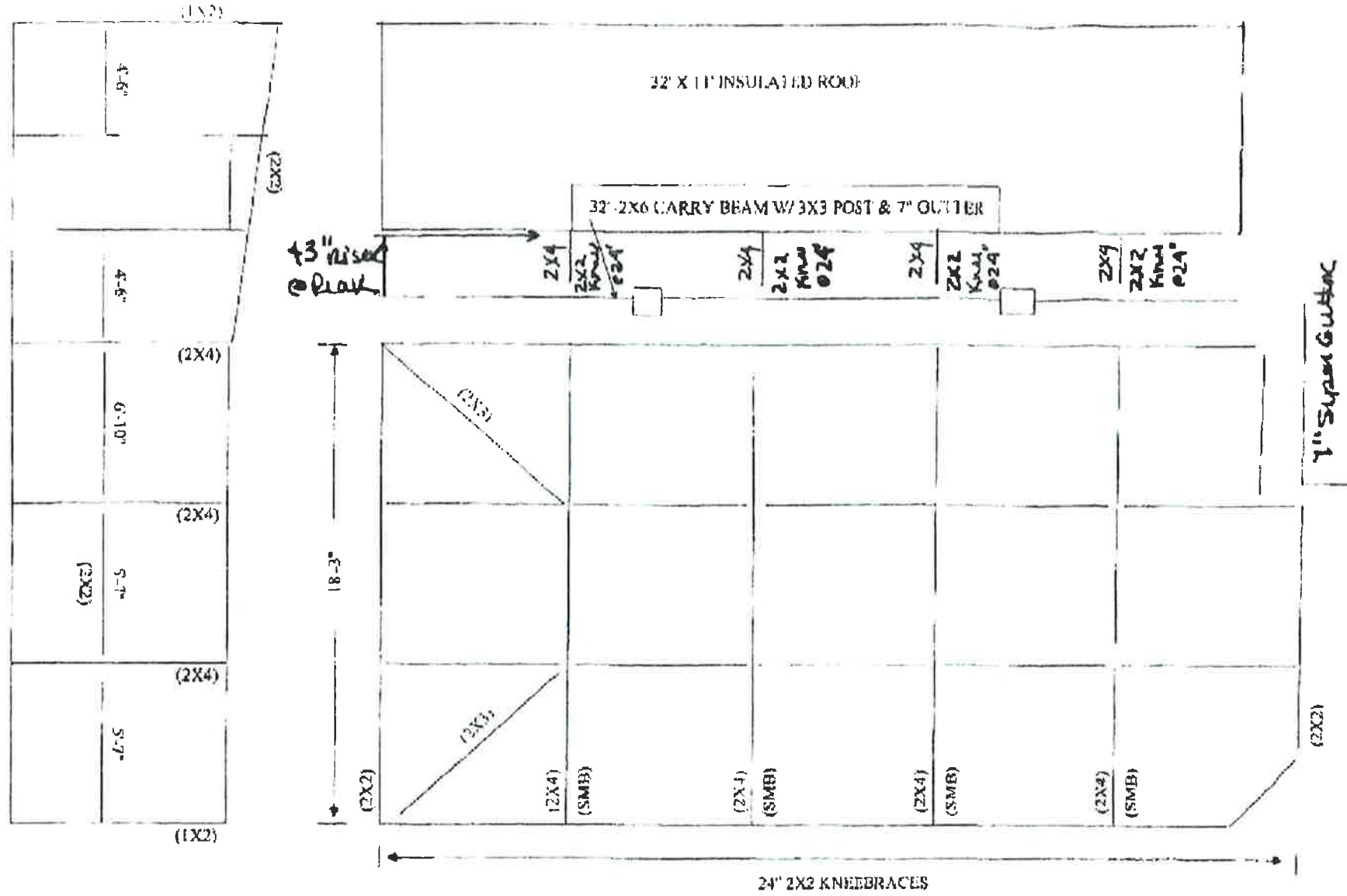
3

05/01/2015 - 12:45pm rickn V:\Projects\15-2409 EPS Foam Core Roof Panels - FSA - Update FL15491 for 2014 Florida Bldg - Project\WP15-2409\_b Structural EPS Core Panels (FSA).dwg



# ALL SEASONS POOLS SCREEN ENCLOSURES

FASCIA MOUNT



ZONING APPROVED

Date: 3/30/16  
 City of Bella Isle

**WIND DESIGN STRUCTURAL DESIGN CRITERIA:**  
 ULTIMATE WIND SPEED (3 SECOND GUST) - 130 MPH  
 BUILDING EXPOSURE - C  
 BUILDING IMPORTANCE FACTOR = 1.0  
 MEAN HEIGHT 30' OR LESS  
 HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENT = 1.29

Reviewed for Code Compliance  
 Universal Engineering Sciences

I HEREBY CERTIFY THAT THESE PLANS HAVE BEEN DESIGNED FOR AN ULTIMATE WIND SPEED OF 130 MPH IN ACCORDANCE WITH THE STRUCTURAL REQUIREMENTS OF THE 5TH EDITION OF THE 2014 FLORIDA BUILDING CODE.

*[Signature]*  
 WILLIAM H. ROBERTS, P.E. # 42712

3/1/16

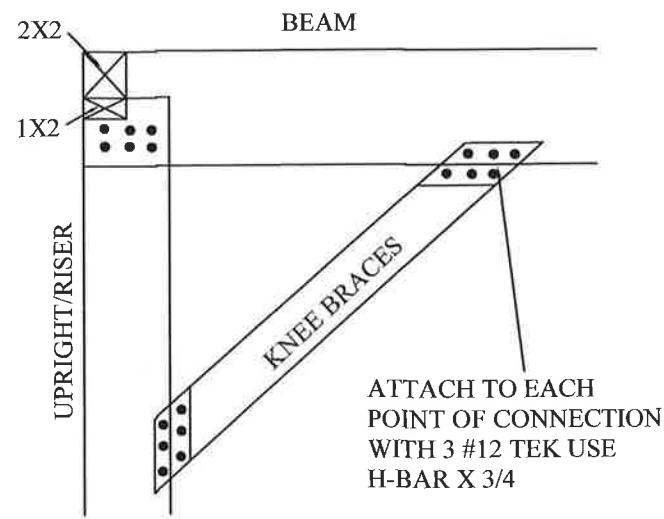
RECEIVED

MAR 21 2016

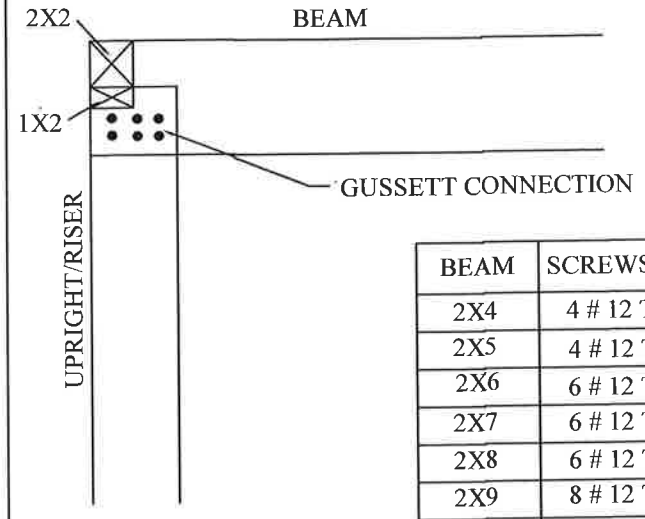
EGI-ENGINEERING GREAT IDEAS, LLC  
 (ENGINEERING BUSINESS CERT. OF AUTH. # 29098)  
 607 SOUTH ALEXANDER STREET, SUITE No. 201  
 PLANT CITY, HILLSBOROUGH COUNTY, FLORIDA 33563  
 PHONE NO.: (813) 752-7078 --- EMAIL: roberts.egi@gmail.com  
 William H. Roberts, P.E. # 42712

ALL SEASONS POOLS  
 SCREEN ENCLOSURES  
 650 HICKMAN CIRCLE  
 SANFORD, FLORIDA 32771

DILMORE  
 7008 WILLOUGHNY LANE  
 ORLANDO, FL. 32812  
 130 MPH EXP. "C"



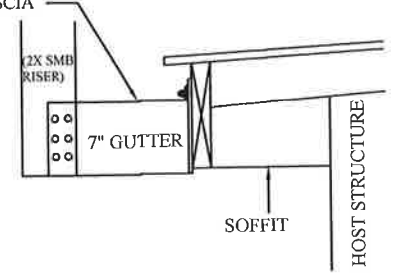
KNEE BRACE DETAIL



GUSSETT CONNECTION

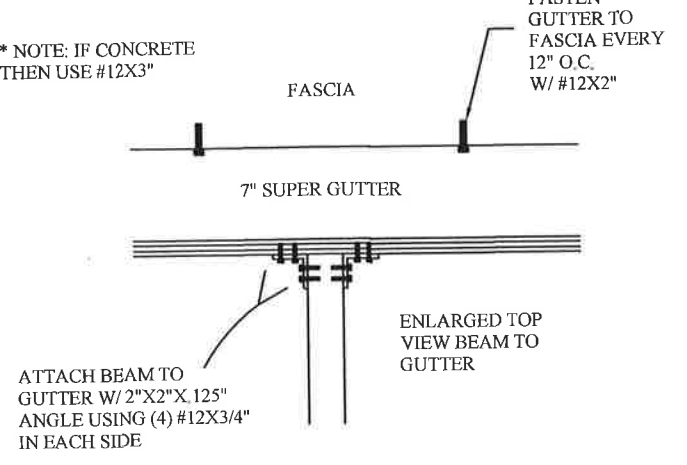
BEAM	SCREWS X 3/4
2X4	4 # 12 TEK
2X5	4 # 12 TEK
2X6	6 # 12 TEK
2X7	6 # 12 TEK
2X8	6 # 12 TEK
2X9	8 # 12 TEK
2X10	10 # 12 TEK

4" WIDE X 1/8" STRAP AT EVERY BEAM W/ (4) # 12X3/4" IN GUTTER LIP, (2) #14X2" INTO FASCIA

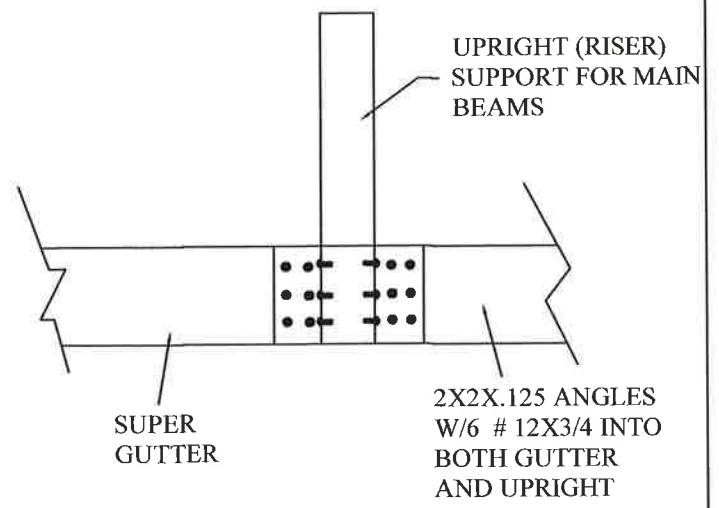


GUTTER CONNECTIONS

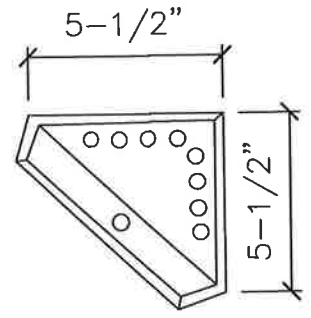
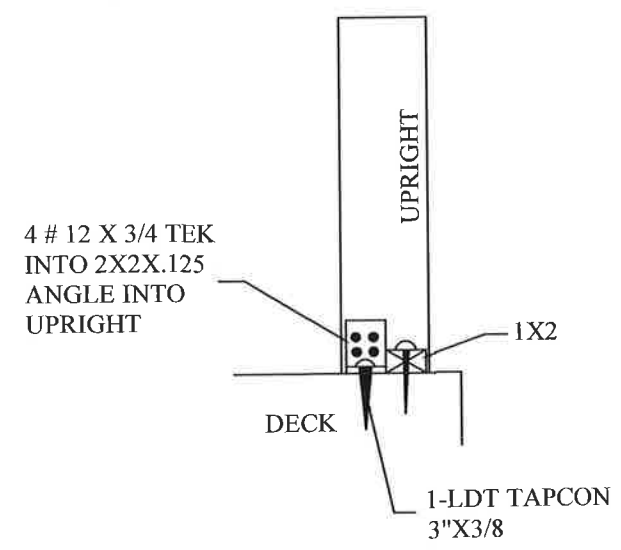
\* NOTE: IF CONCRETE THEN USE #12X3"



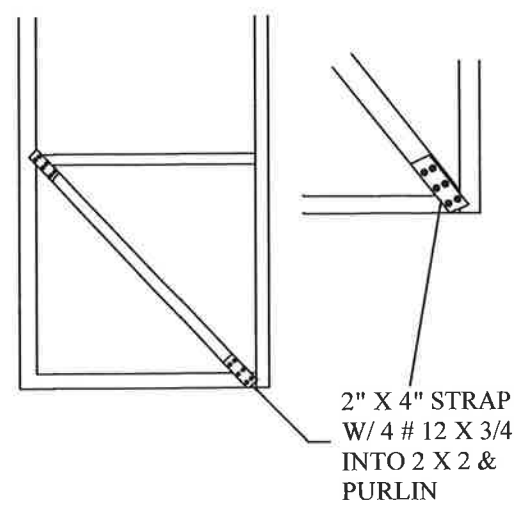
CABLE DETAIL



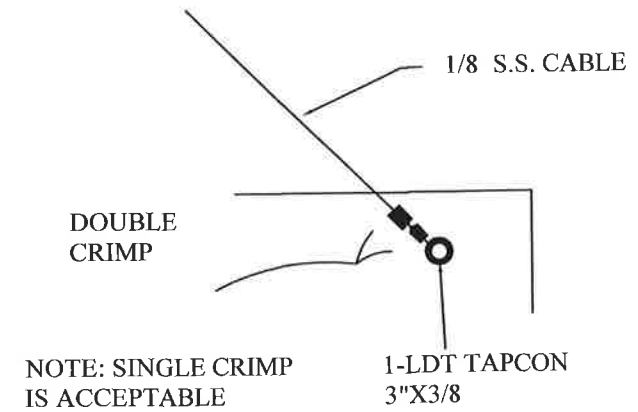
UPRIGHTS AT GUTTER DETAIL



FASTEN CABLE TO UPRIGHT & GIRT IN CORNER AS SHOWN W/8 TEK SCREWS. THIS 5-1/2" CORNER GUSSET ANGLE BRACKET CAN BE USED IN LIEU OF A 7" CORNER GUSSET ANGLE BRACKET.



2" X 4" STRAP W/ 4 # 12 X 3/4 INTO 2 X 2 & PURLIN



NOTE: SINGLE CRIMP IS ACCEPTABLE

I HEREBY CERTIFY THAT THESE PLANS HAVE BEEN DESIGNED FOR AN ULTIMATE WIND SPEED OF 130 MPH IN ACCORDANCE WITH THE STRUCTURAL REQUIREMENTS OF THE 5TH EDITION OF THE 2014 FLORIDA BUILDING CODE.

WILLIAM H. ROBERTS, P.E. # 42712

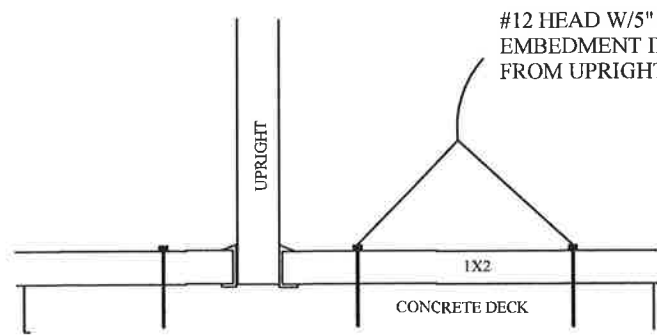
3/1/16

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 607 SOUTH ALEXANDER STREET, SUITE No. 201  
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 PHONE NO.: (813) 752-7078 --- EMAIL: rroberts.egi@gmail.com  
 William H. Roberts, P.E. # 42712

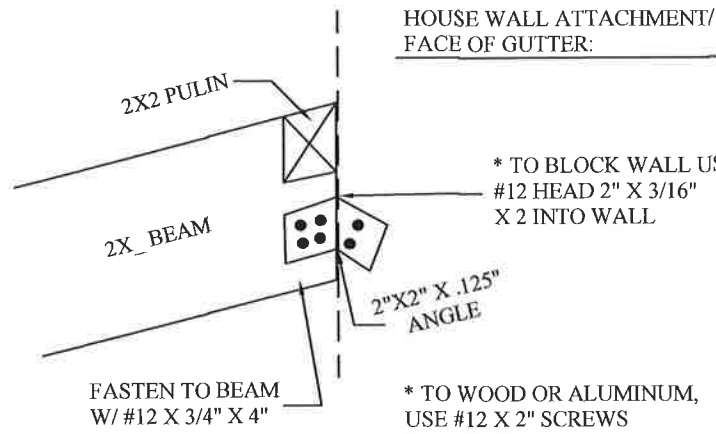
ALL SEASONS POOLS  
 SCREEN ENCLOSURES  
 650 HICKMAN CIRCLE  
 SANFORD, FLORIDA 32771

DILMORE  
 7008 WILLOUGHNY LANE  
 ORLANDO, FL. 32812  
 130 MPH EXP. "C"





#12 HEAD W/5" X 3/16" TAPCON MINIMUM 1-1/2" EMBEDMENT INTO CONCRETE START 6" MAX FROM UPRIGHT, THEN 24" O.C.

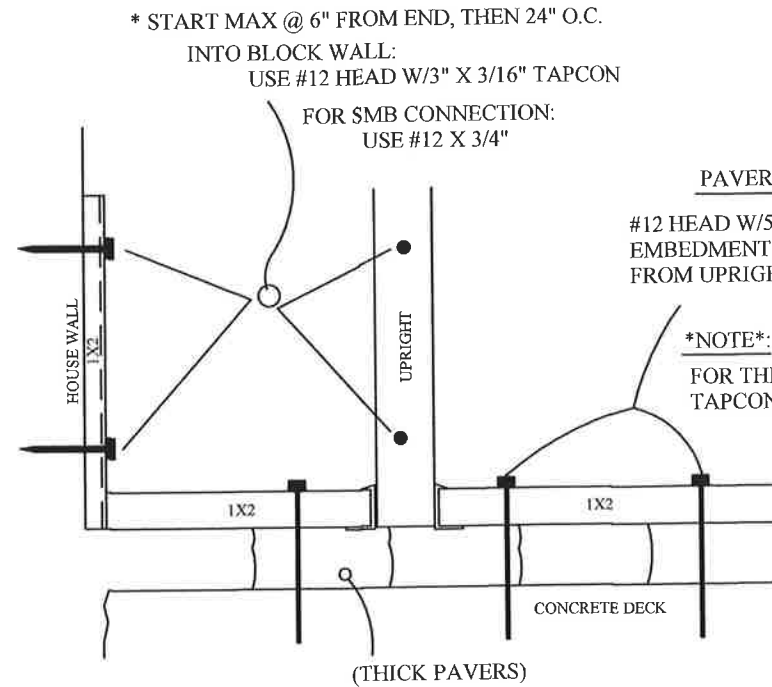


HOUSE WALL ATTACHMENT/  
FACE OF GUTTER:

\* TO BLOCK WALL USE  
#12 HEAD 2" X 3/16"  
X 2 INTO WALL

\* TO WOOD OR ALUMINUM,  
USE #12 X 2" SCREWS

FASTEN TO BEAM  
W/ #12 X 3/4" X 4"



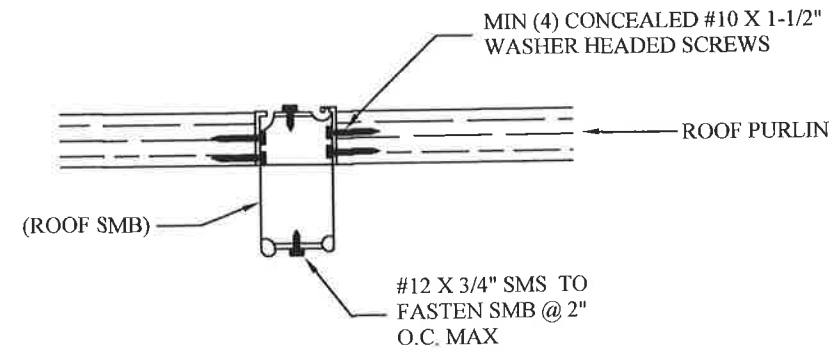
\* START MAX @ 6" FROM END, THEN 24" O.C.  
INTO BLOCK WALL:  
USE #12 HEAD W/3" X 3/16" TAPCON

FOR SMB CONNECTION:  
USE #12 X 3/4"

PAVER DECK ATTACHMENT:

#12 HEAD W/5" X 3/16" TAPCON MINIMUM 1-1/2" EMBEDMENT INTO CONCRETE START 6" MAX FROM UPRIGHT, THEN 24" O.C.

\*NOTE\*:  
FOR THIN PAVER DECK, #12 HEAD W/4" X 3/16" TAPCON MAY BE USED IN LIEU OF 5".

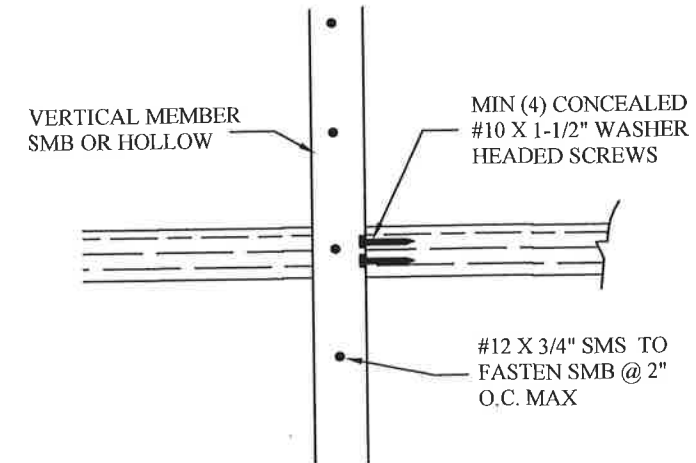


MIN (4) CONCEALED #10 X 1-1/2" WASHER HEADED SCREWS

ROOF PURLIN

(ROOF SMB)

#12 X 3/4" SMS TO FASTEN SMB @ 2" O.C. MAX



VERTICAL MEMBER  
SMB OR HOLLOW

MIN (4) CONCEALED #10 X 1-1/2" WASHER HEADED SCREWS

#12 X 3/4" SMS TO FASTEN SMB @ 2" O.C. MAX

5TH EDITION, 2014 FBC 130 MPH, EXPOSURE "C"  
H = 15FT MAX  
(WITH MAX 2X3 KNEEBRACING)

BEAM \ TRIB WIDTH	MIN COL	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"
2 X 4 X 0.044 X 0.100 SMB	2X4	18'-4"	18'-4"	18'-4"	18'-4"	18'-4"	18'-4"	18'-4"	18'-4"	18'-4"	18'-4"	18'-4"
2 X 5 X 0.050 X 0.116 SMB	2X4	26'-0"	26'-0"	26'-0"	26'-0"	26'-0"	26'-0"	26'-0"	25'-5"	24'-8"	23'-11"	23'-4"
2 X 6 X 0.050 X 0.120 SMB	2X4	32'-5"	32'-5"	32'-5"	32'-5"	31'-6"	30'-4"	29'-4"	28'-5"	27'-6"	26'-9"	26'-0"
2 X 7 X 0.055 X 0.120 SMB	2X4	39'-2"	39'-2"	37'-6"	35'-11"	34'-6"	33'-3"	32'-2"	31'-2"	30'-3"	29'-4"	28'-7"
2 X 8 X 0.072 X 0.224 SMB	2X4	49'-10"	48'-3"	46'-11"	45'-8"	44'-7"	43'-8"	42'-9"	41'-8"	41'-2"	40'-6"	39'-10"
2 X 9 X 0.072 X 0.224 SMB	2X5	54'-3"	52'-7"	51'-1"	49'-9"	48'-7"	47'-6"	46'-7"	45'-8"	44'-10"	44'-1"	43'-5"
2 X 9 X 0.082 X 0.306 SMB	2X5	57'-1"	55'-4"	54'-10"	52'-6"	51'-3"	50'-2"	49'-2"	48'-2"	47'-4"	46'-7"	45'-10"
2 X 10 X 0.092 X 0.374 SMB	2X6	63'-6"	63'-3"	61'-6"	60'-0"	58'-8"	57'-5"	56'-4"	55'-3"	54'-4"	53'-5"	52'-7"



I HEREBY CERTIFY THAT THESE PLANS HAVE BEEN DESIGNED FOR AN ULTIMATE WIND SPEED OF 130 MPH IN ACCORDANCE WITH THE STRUCTURAL REQUIREMENTS OF THE 5TH EDITION OF THE 2014 FLORIDA BUILDING CODE.

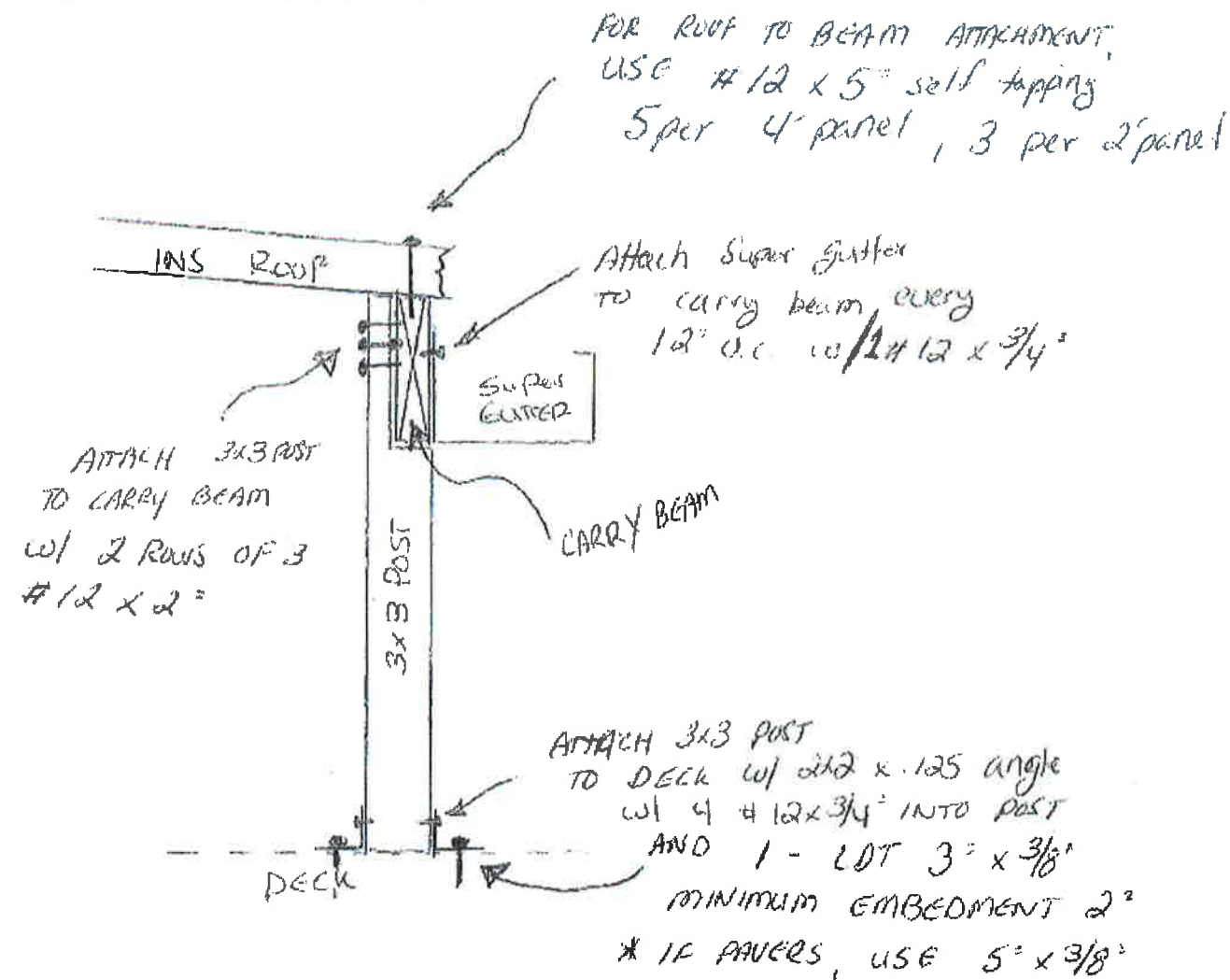
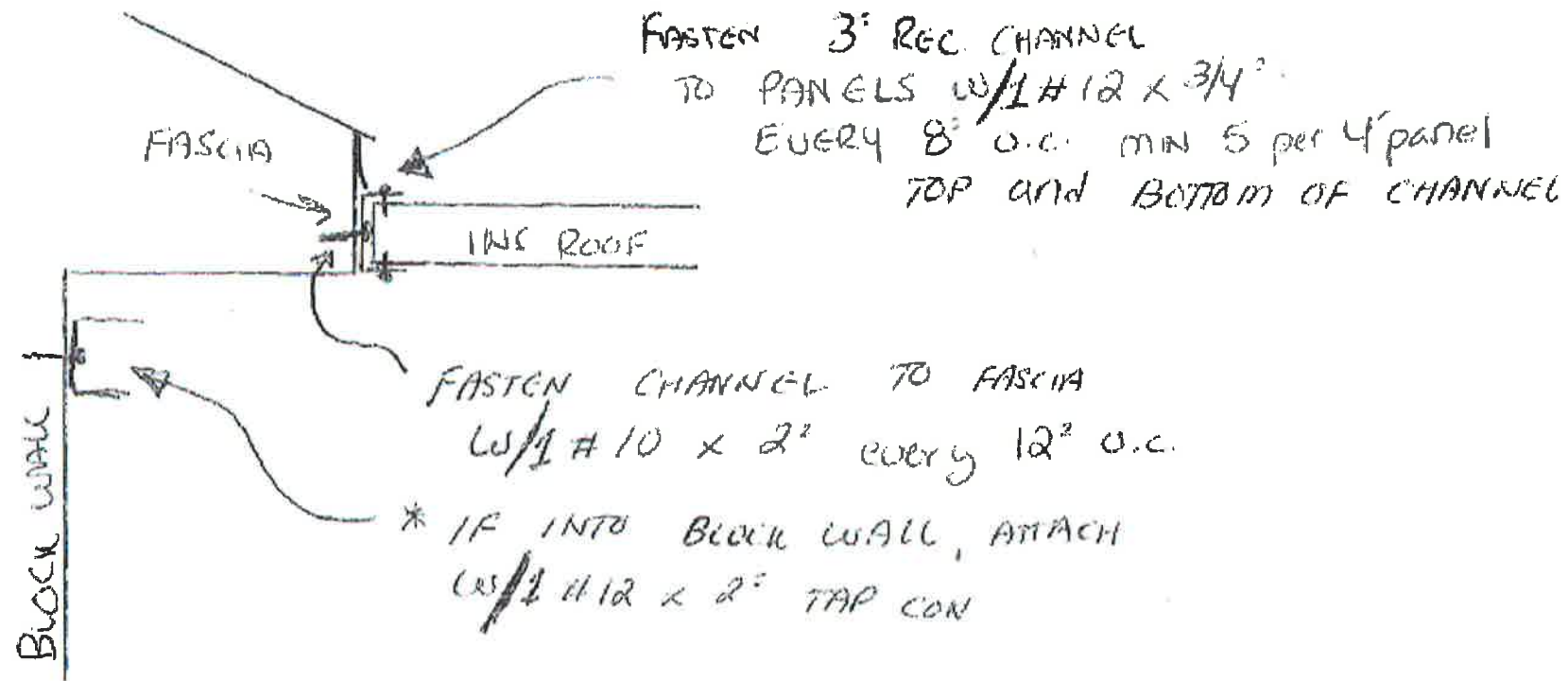
WILLIAM H. ROBERTS, P.E. # 42712

3/1/16

ALL SEASONS POOLS  
SCREEN ENCLOSURES  
650 HICKMAN CIRCLE  
SANFORD, FLORIDA 32771

DILMORE  
7008 WILLOUGHNY LANE  
ORLANDO, FL. 32812  
130 MPH EXP. "C"

EGI-ENGINEERING GREAT IDEAS, LLC  
(ENGINEERING BUSINESS CERT. OF AUTH. # 29098)  
607 SOUTH ALEXANDER STREET, SUITE NO. 201  
PLANT CITY, HILLSBOROUGH COUNTY, FLORIDA 33563  
PHONE NO.: (813) 752-7078 --- EMAIL: iroberts.egi@gmail.com  
William H. Roberts, P.E. # 42712



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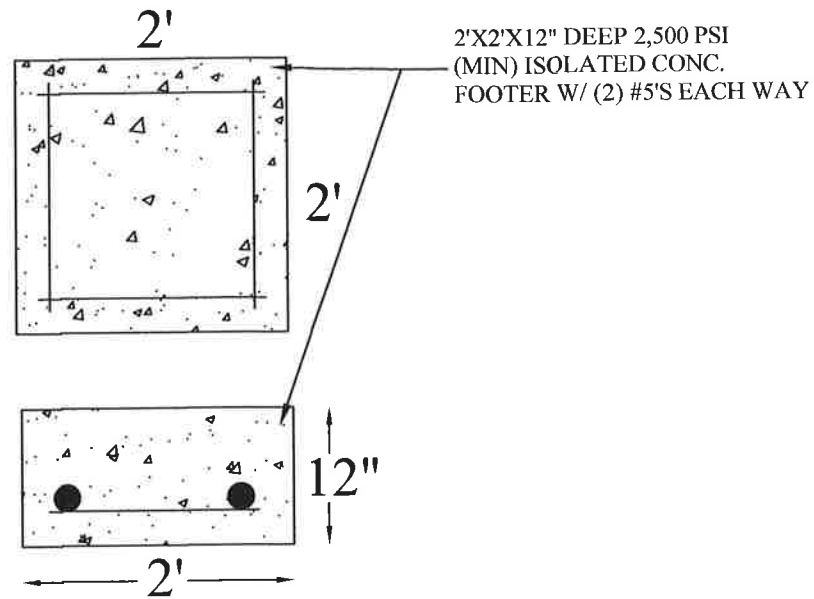
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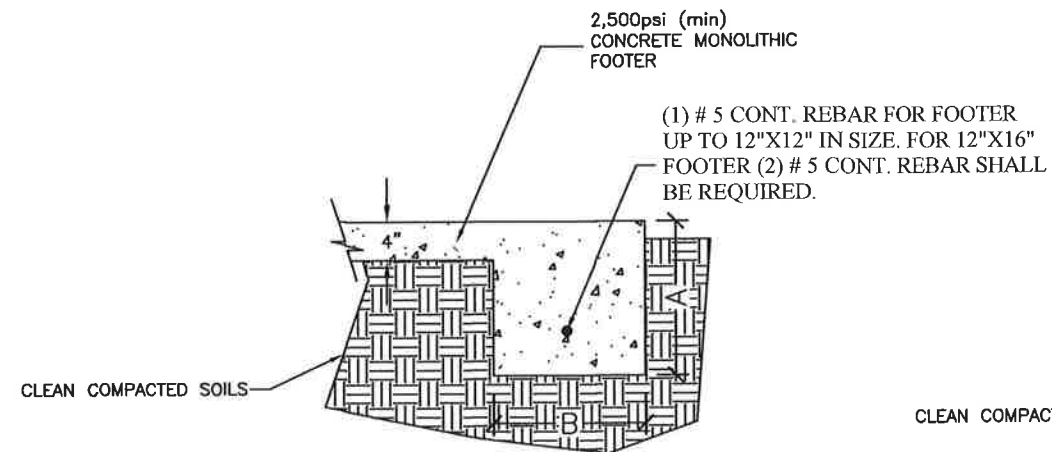
DILMORE  
7008 WILLOUGHNY LANE  
ORLANDO, FL. 32812  
130 MPH EXP. "C"

4

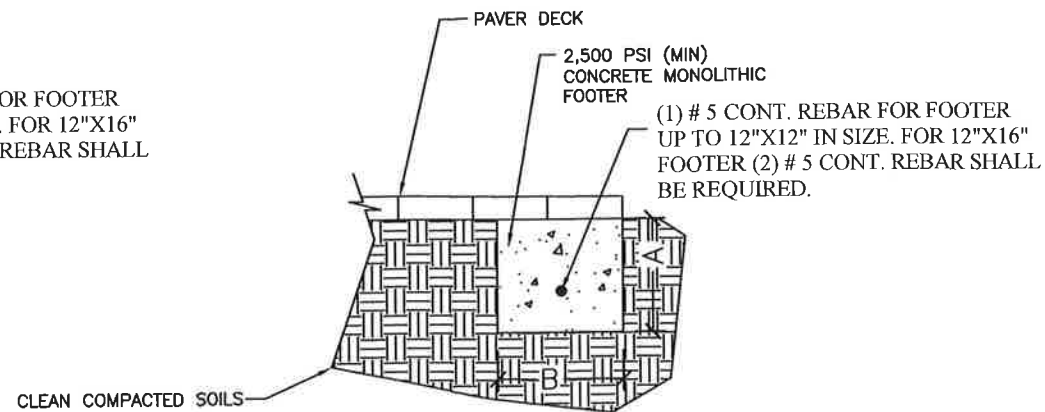
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PHONE NO.: (813) 752-7078 --- EMAIL: roberts.egi@gmail.com  
William H. Roberts, P.E. # 42712



**ISOLATED CONCRETE  
FOOTER DETAIL**  
SCALE: NOT TO SCALE



**MONOLITHIC FOOTER DETAIL**  
SCALE: NOT TO SCALE



**ISOLATED PAVER DECK  
FOOTER DETAIL (OPTIONAL)**  
SCALE: NOT TO SCALE

FOOTER SIZE TABLE		
A	B	SPAN
8"	8"	UP TO 16'
8"	12"	16' TO 28'
12"	12"	28' TO 40'
12"	16"	40' & GREATER



**NOTE: NOT APPLICABLE ON JOBS W/  
EXISTING CONCRETE SLAB**

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WILLIAM H. ROBERTS, P.E. # 42712

3/1/16

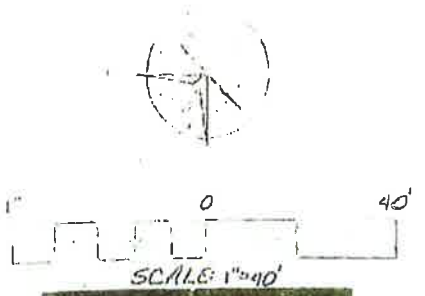
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SANFORD, FLORIDA 32771

**DILMORE**  
7008 WILLOUGHNY LANE  
ORLANDO, FL. 32812  
130 MPH EXP. "C"

**5**





ADDRESS  
7008 Willoughby Lane  
Orlando, FL 32812

- LEGEND**
- O = Iron Rod & Cap (IR)
  - OR Book = Official Record Book
  - PB = Plat Book
  - Pg = Page
  - CONC = Concrete
  - FND = Found
  - ID = Identification
  - LB = Licensed Business
  - LS = Licensed Surveyor
  - ⊙ = Power Pole
  - ohu = Overhead Utilities
  - ⊠ = Water Meter

JOB #: VLSR15-9721

CLIENT #:

FIELD DATE: 06-04-15    CREW: CS

DRAFTER: BT

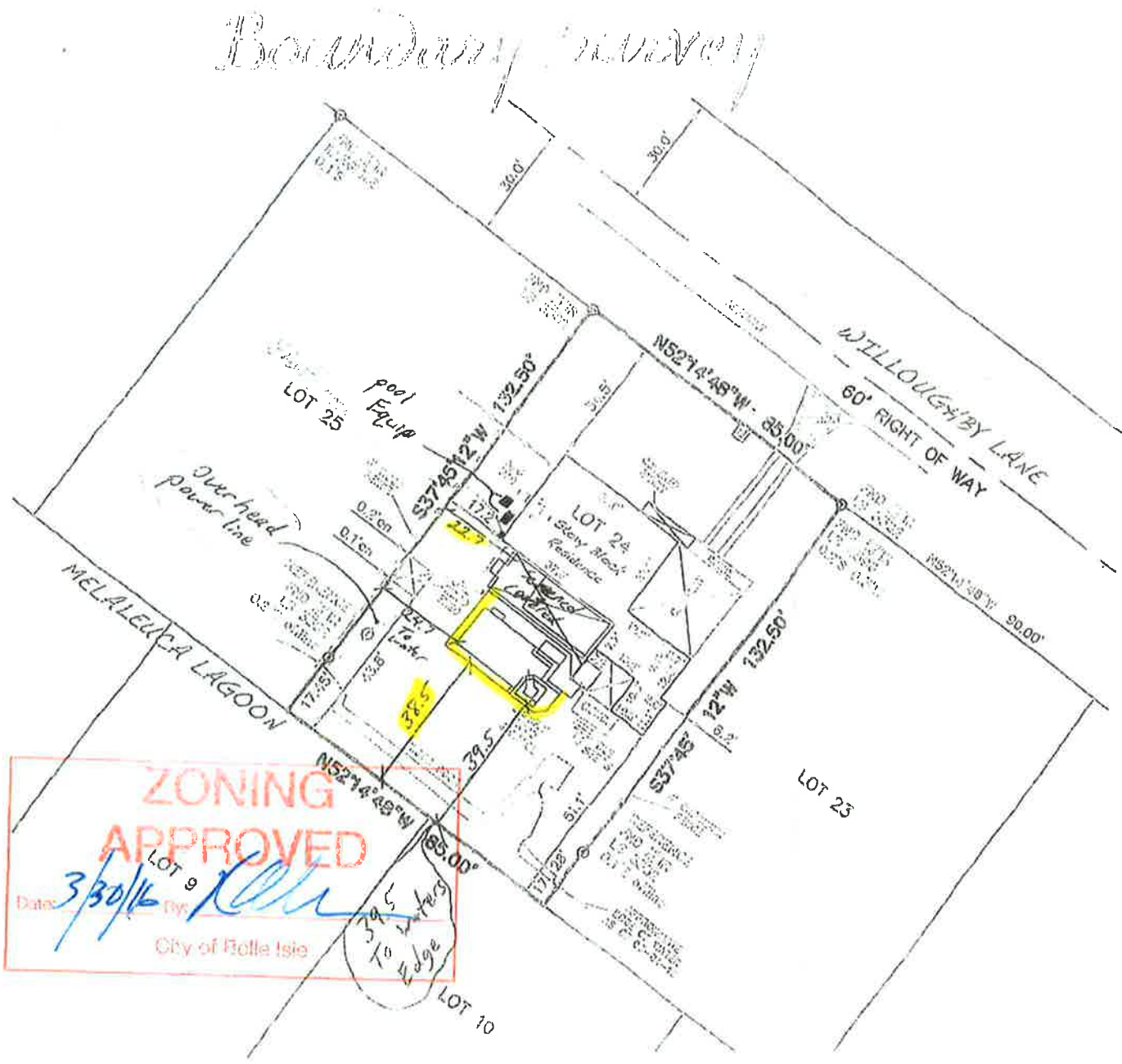
APPROVED: JEW

SCALE: 1" = 40'

COPYRIGHT 2011

X  
Improver's Acknowledgment and Acceptance

X  
Surveyor's Acknowledgment and Acceptance



ZONING APPROVED

Date: 3/30/16 By: [Signature]

City of Belle Isle

*Legal Description (per OR Book 10224, Page 3849)*  
Lot 24, of Venetian Villas, according to the plat thereof as recorded in Plat Book 5, Page 69, of the Public Records of Orange County, Florida.

**CERTIFIED TO: (AS FURNISHED)**  
Sara E. Dilmore  
Rafferty, Harding & Allen, PA  
Fidelity National Title Insurance Company  
Fidelity Capital Bank, NA d/b/a Fidelity Capital Bank Mortgage ISAO/ATIMA

**FLOOD ZONE**  
SUBJECT PROPERTY SHOWN HEREON APPEARS TO BE LOCATED IN FLOOD ZONE 'X', AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AND FLOOD ZONE 'AE', AREAS WITH A BASE FLOOD ELEVATION OF 86.0', PER F.I.R.M. PANEL NUMBER 12095C0430 F, LAST REVISION DATE 09-25-09. PER MAPWISE WEBSITE. THIS SURVEYOR MAKES NO GUARANTEE AS TO THE ACCURACY OF THE ABOVE INFORMATION. THE LOCAL F.E.M.A. AGENCY SHOULD BE CONTACTED FOR VERIFICATION.

**LIST OF POSSIBLE ENCROACHMENTS:**  
FENCES CROSS PROPERTY LINES  
OWNERSHIP OF FENCES NOT DETERMINED  
SOME UTILITIES LIE WITHIN THE SUBJECT PROPERTY

**BASIS OF BEARING**  
BEARINGS ARE BASED ON THE SOUTHWEST RIGHT-OF-WAY OF WILLOUGHBY LANE WHICH HAS A BEARING OF N 52°14'48" W PER PLAT.

- NOTES**
1. Underground utility installations, underground improvements, foundations and/or other underground structures were not located by this survey.
  2. The purpose of this survey is for use in obtaining the insurance and financing; should not be used for construction purposes.
  3. Additions or deletions to this survey by anyone other than the signing party or parties is prohibited without the written consent of the signing party or parties.
  4. The property shown hereon is subject to all easements, restrictions and reservations which may be shown or noted on the record plat and within the public records of the county the subject property is located. This survey only depicts survey related information such as easements and setbacks that are shown on a record plat or have been furnished to the Surveyor.
  5. Existing ties and dimensions for improvements should not be used to reestablish boundary lines.

THIS SURVEY IS PREPARED FOR THE EXCLUSIVE USE AND BENEFIT OF THE PARTIES LISTED HEREON. LIABILITY TO THIRD PARTIES MAY NOT BE TRANSFERRED OR ASSIGNED.

LB 7788



941 S Pennsylvania Ave, Winter Park, FL 32789 | (888) 399-8474

**SURVEYOR'S CERTIFICATE**  
I HEREBY CERTIFY THAT THIS SURVEY IS A TRUE AND ACCURATE REPRESENTATION OF A SURVEY UNDERTAKEN UNDER MY DIRECTION.



Joseph E. Williamson, PLS  
PROFESSIONAL LAND SURVEYOR  
FLORIDA REGISTRATION #8573

DATED: 06-02

NOT VALID WITHOUT THE ELECTRONIC SIGNATURE AND/OR ORIGINAL RAISED SEAL OF THE LISTED FLO/DA LICENSED SURVEYOR AND MAPPER

MAPPER	DATE	REVISION	DATE	REVISION

