

BUILDING JOB SITE CARD City of Belle Isle

BUILDING PERMIT 2017-08-035

PERMIT MUST BE POSTED ON SITE

Permit Number: 2017-08-035

Site Address: 1640 Fulmer Rd, 32809

Subdivision:

Description of Work: Screen enclosure over existing pool

Parcel Number: 30-23-30-0602-03-060

Issue Date: 08.14.2017

Class: Residential

Issued To: Screen Crafters Coastal

Name: Smith, Garry Payment Date & Method: K

Contractor License #: SCC131151669

Business Phone: 386-481-3433

Schedule Inspections via Email at: BIDscheduling@universalengineering.com SCHEDULE INSPECTIONS BY 4PM CUT OFF TIME Inspection Results Will Be Sent Out the Following Morning

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

BUILDING	INSPECTOR	DATE	COMMENTS
Demo Final			
Footing	·		
Stem Wall			
Slab			
Lintel/Tie Beam			
Down Pour			
Tilt Panel			
Window In-progress			
Sheathing (wall)			
Sheathing (roof)			
Framing			
Fire Rated Assembly			
Above-Ceiling			
Insulation			4
Lathe			
Pool Steel & Ground			
Pool Safety			
Final			

GAS	INSPECTOR	DATE	COMMENTS
Rough Gas			
Final Gas			
ELECTRICAL	INSPECTOR	DATE	COMMENTS
Temp Pole			
TUG			
Underground			
Rough			
Footer Steel Bonding			
Pool Light			
PrePower			
Meter ReSet	2		16
Final			
y		,	
MECHANICAL	INSPECTOR	DATE	COMMENTS
Above Ceiling			
Rough			
Hood Vent			
Final	J.E		
			8
		•	
PLUMBING	INSPECTOR	DATE	COMMENTS
Sewer			
Underground			
Rough			
Above Ceiling			
Irrigation			
Final			
ROOF	INSPECTOR	DATE	COMMENTS
In-progress			
Final			

Schedule Inspections via Email at: <u>BIDscheduling@universalengineering.com</u>
SCHEDULE INSPECTIONS BY 4PM CUT OFF TIME
Inspection Resissivi Male Se Secul Other Following in the Second Se



City of Belle Isle
Universal Engineering Sciences 3532 Maggie Blvd., Orlando, Ft. 32811
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineeving.com

Building Per	rmit (Land Use)	Applicat	ion		
DATE: 8/3/17	P	ERMIT# 10	17-08-0	35	
PROJECT ADDRESS KOYO Fulmer Rad	F	, Belle Isle, F	32809	32812	
PROPERTY OWNER John Tremblag P	HONE 864-7692-VA	LUE OF WORK (la	bor &material)	9000	
PLEASE LIST THE NATURE OF YOUR PROPOSED IMPROVEMENTS				45	
soveen enclosure over	exasting 9	2001			
Please provide	information, if applicable.		(Free Property Control of the	Reviewed for C	Code
 SINGLE FAMILY RESIDENCE: 8.5"x11" Plat Survey, Plot Plan of BOAT DOCK: DEP Clearance Required with Application (Call 40 SEPTIC SYSTEM (RESIDENTIAL): – Provide verification of OC Homeowners will be required to have a contractor on record for the state of the state o	07-897-4100); please provide a Health Dept approval for on-si	copy of their repo te septic tank syste	ort 🔼	Universal Engine Sciences	eering
Please Complete for the City of Belle Isle Zoning Review: Parcel Ic	Number: <u>50-23-</u> Do obtain this information, please vi				
		100100000000000000000000000000000000000			
SPECIAL CONDITIONS: STRUCTURES MAY NOT ENCROACH INTO OR REQUIRED SETBACK. Survey specific foundation plan required		Wind Exposure Cat	egory: в	С	
zoning setbacks. Note: this Zoning Approval MAY or MAY NOT be in Restrictions. For New Single Family Residence, a Traffic Impact Fee assessed.	conflict with your Deed and School Impact will be	SPRINKLERS REQ'D If Required – SUBM REVIEW	Y IT COPY OF PLANS Date: Sent		
PLANNING & ZONING APPROVAL: 8-9-17. See fol	laving page	ZONING CERT OF OCC	N N	s <u>165</u> e	
PLEASE COMPLETE for Building Review (min. of 2 sets of signed/se	ealed plans required)	TRAFFIC	Y N	\$	
CONSTRUCTION TYPE		SCHOOL FIRE	Y N Y N	\$	
#BLDG#UNITS_#STORIES	amMulti Fam	SWIMMING POOL	X N	\$	
MAX. FLOOR LOAD MAX. OCCUPANCY		SCREEN ENCLOSURE	_	\$ 73.5 0	
MIN. FLOOD ELEVLOW FLOOR ELEVLOW FLOOR ELEV	EPTIC	ROOFING BOAT DOCK	Y N Y N	\$	
WATER SERVICE WELL	DEPTIO	BUILDING	Y N	\$	
160 SVC	8-12 17	WINDOW(S)	Y N	\$	
	ATE 8 72-17	DOOR(S) FENCE	Y N Y N	\$ \$	
VERIFIED CONTRACTOR'S LICENSE & INSURANCE ARE ON FILE	DATE 8-9-17	SHED	Y N	\$	
DOCK		DRIVEWAY	Y N	\$	
Per FSS 105.3.3: An enforcing authority may not issue a building permit for any building continuous authority may not issue a building permit for any building continuous authority may not issue a building permit for any building continuous authority may not issue a building permit for any building continuous authority may not issue a building permit for any building continuous authority may not issue a building permit for any building continuous authority may not issue a building permit for any building continuous authority may not issue a building permit for any building continuous authority may not issue a building permit for any building continuous authority may not issue a building permit for any building continuous authority may not issue a building permit for any building continuous authority may not issue a building continuous authority may not issue a building permit for any building continuous authority may not issue a building permit for any building continuous authority may not issue a building permit for any building continuous authority may not issue a building permit for any building continuous authority may not issue a building permit for any building continuous authority may not issue a building permit for any building continuous authority may not issue a building permit for a building permit for any building permit for a buil	onstruction, erection, alteration,	OTHER	_Y N	11 (1)	
modification, repair or addition unless the permit either includes on its fapermit the following statement: "NOTICE: In addition to the requirement	ace or there is attached to the	3% FL SURCHARGE	-	4.00	
additional restrictions applicable to this property that may be found in the and there may be additional permits required from other governm management districts, state agencies, or federal agencies."	e public records of this county,	TOTAL	9	142.50	
	orbago recycling yard waste	By Owner Form	Υ	NA	
Republic Services is by legal contract the sole authorized provider of g and commercial garbage and construction debris collection and disposal	services with the city limits of	Notice of Commence	ement 🕎	NA	
the City. Contractors, homeowners and commercial businesses may con 293-8000 to setup accounts for Commercial, Construction Roll Off, or are fixed by contract and are available at City Hall or from Republic Se	other services needed. Rates ervices. The City enforces the	Power of Attorney Contractor Packet In	ncuded? Y	NA N	
contract through its code enforcement office. Failure to comply will result	ın a stop work order.	OTHER PERMITS RE			
SEPARATE PERMITS ARE REQUIRED FOR ROOFING, ELEC		ELECTRICAL PREPOWER	Y Y	NA NA	
MECHANICAL, SIGNS, POOLS, ENCLOSURES, ETC. 157 1K	25	MECHANICAL	Ϋ́	NA NA	
Page 1 of 2 MC 1629 8.23.17 4 x 8	110	PLUMBING	Υ	NA	
	27.0	ROOFING	Y	NA NA	
201	24.3	GAS	Υ	NA I	
000	73.70				



City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811 Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

Building Permit (Land Use) Application

To be completed as required by State Statute Section 713 and other applicable sections.

Trevalation	PERMIT#
Owner's Name John Tremblay	FI 3 mg
Owner's Address 1640 Fulmer & Belle A	Isle 32,809 sween evalters coastal
Contractor Name Garry Smith	Company Name Scheon Crates Coastal
License # SCC 131151669	Company Address 831 Railroad St #2
Contact Phone/Cell_ 386- 481-3433	City, State, ZIP Port Orange Ph 32129
Contact Email garryosmith @ homes con	Contact Fax
WARNING TO OWNER: Your failure to record a Notice of Commencement notice of commencement must be recorded if job is \$2500(+) or if A/C Relf you intend to obtain financing, consult with your lender or an attorney	ent may result in your paying twice for improvements to your property. A eplacement \$7500(+) and posted on the job site before the first inspection. before recording your Notice of Commencement.
(www.floridabuilding.org) and City Ordinances (www.municode.com) rethis permit does not grant permission to violate any applicable City and/obtain a permit to do the work and installations as indicated. I certify that no work will be performed to meet the standards of all laws regulating constructionall other construction including ROOFING, ELECTRICAL, MECHANICAL, PLU	
construction and zoning.	and that all work will be done in compliance with all applicable laws regulating
Owner Signature The foregoing instrument was acknowledged before me this 3 1/1 by John Tichology who is personally known to me and who produced as identification and who did not take an oath. Notary as to Owner State of Florida County of Orange EXPIRES: December 16, 2020 Bonned Thru Budget Notary Services	Impervious Surface Ratio Worksheet Development Zoned A-1. A-2, R-1-AAA, R-1-AA, R-1-A, R-1 per City Code, Section 50-74: Impervious Surface Ratio 1. Total Lot Area (sqft) X 0.35 = Allowable Impervious Area (BASE). Total Lot Area X 0.35= Allowable Impervious Area (BASE) 2. 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 House Driveway
COMPANY NAME COMPA	Walkway Accessory Buildings Pool & Spa Deck & Patio Other Actual Impervious Area (AIA)
Notary as to Owner Melave Calanda State of Florida County of Orange MELANIE EDDINGTON	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. 4. If AIA is greater than BASE, then onsite retention must be provided.
MY COMMISSION # GG 032483 EOF FLOO Bonded Thru Budget Notary Services	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)

1640 Fulmer



City of Belle Isle
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Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

	Building Permit (Land	d Use) Application
DATE: 8/3/11	7	PERMIT # 2017-08-035
1 11	V. T.I Dal	
PROJECT ADDRESS	to Falmer Rad	, Belle Isle, FL 32809 32812
PROPERTY OWNER	hn Tremblay PHONE 864	3692-VALUE OF WORK (labor &material) \$ 9000
PLEASE LIST THE NATURE	OF YOUR PROPOSED IMPROVEMENTS	
screen	enclasive over existing	5 9001
 BOAT DOCK: DEP Clea SEPTIC SYSTEM (RESII 	Please provide information, if a ENCE: 8.5"x11" Plat Survey, Plot Plan of Home and Floor rance Required with Application (Call 407-897-4100); please DENTIAL); – Provide verification of OC Health Dept approviumed to have a contractor on record for homes that are re-	Piens of New Construction/Revision Required se provide a copy of their report val for on-site septic tank system, per FAC Chap. 64E-6
SPECIAL CONDITIONS: STR OR REQUIRED SETBACK, S zoning setbacks, Note: this 2	RUCTURES MAY NOT ENCROACH INTO AY EASEMENT Burvey specific formulation plan required to show compiliar Zoning Approval MAY or MAY 900 be in commict with your a Family Residence, a Traffic impact Fee and School Impa	wind Exposure Category: BCD SPRINKLERS REQ'D Y N SPRINKLERS REQ'
CONSTRUCTION TYPE OCCUPANCY GROUP #BLDG #UNITS _ MAX. FLOOR LOAD MIN. FLOOD ELEV	Iding Review (min. of 2 sets of signed/scaled plans require	SCHOOL
BUILDING REVIEWER VERIFIED CONTRACTOR'S (DATE JCENSE & INSURANCE ARE ON FILE DATE	WINDOW(S)
Per FSS 105.3.3:		OTHERY N \$
modification, repair or addition permit the following statement	t issue a building permit for any building construction, eraction unless the permit either includes on its face or there is atta- is "NOTICE: In addition to the requirements of this permit, the le to this property that may be found in the public records of i	ched to the ere may be 3% FL SURCHARGE

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.

Page 1 of 2

By Owner Form Notice of Commencement NA Power of Attorney NA Contractor Packet incuded? OTHER PERMITS REQUIRED: ELECTRICAL NA PREPOWER NA MECHANICAL NA PLUMBING NA ROOFING NA



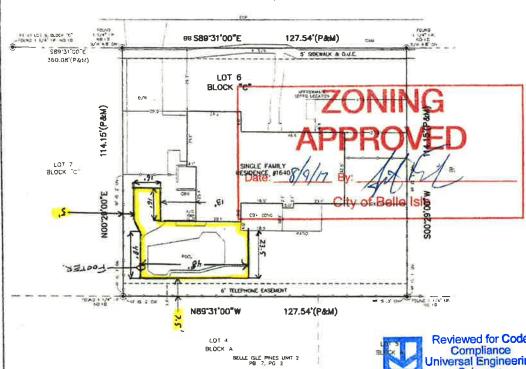
Permit Number:	THE PARTY OF THE P
Return to:	
NOTICE OF COMMENCEMENT State of Florida, County of Orange The undersigned hereby gives notice that improvement will be with Chapter 713, Florida Statutes, the following information is 1. Description of property (legal description of the property, a 1640 FOLMER RD 30-73-30-22. General description of improvement 1053 ACC SCREEN (NCC) 3. Owner information or Lessee information if the Lessee of Name MICHELE RESE	made to certain real property, and in accordance provided in this Notice of Commencement. and street address if available)
Name and address of fee simple titleholder (if different fr Name Address	rom Owner listed above)
4. Contractor SCREEN CRAFTERS COMS	7 2 Telephone Number 407 415 572 %
 Surety (if applicable, a copy of the payment bond is attached Name 	d) Telephone Number
Address 6. Lender Name Address	Amount of Bond \$ Compliance Universal Engineering
 Persons within the State of Florida designated by Owne be served as provided by §713.13(1)(a)7, Florida Statute Name 	es.
Address	following to receive a copy of the Lienor's Telephone Number
Address Expiration date of notice of commencement (the expiration date of notice of commencement)	
unless a different date is specified) NING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXCONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. ORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION YOUR LENDER OF AN ATTORNEY BEFORE COMMENCING WORK OR RESERVED.	CTION 713.13, FLORIDA STATUTES, AND CAN . A NOTICE OF COMMENCEMENT MUST BE N. IF YOU INTEND TO OBTAIN FINANCING, CONSULT ECORDING YOUR NOTICE OF COMMENCEMENT.
ture of Owner or Lessee, or Owner's or Lessee's Authorized Officer/Director/Pa	Artner/Manager Signatory's Title/Office
foregoing instrument was acknowledged before me this 8 had 2	month/year name of person
Signature of Notary Public - State of Florida	그 및 용공
Personally Known OR Produced ID Produced PL D2	of party on behalf of whom instrument was executed New York, Public Print, type, or stamp commissioned name of Notary Public MELANIE EDDINGTON MY COMMISSION # GG 032483 EXPIRES: December 16, 2020 Bonded Thru Budget Notary Services

PROPERTY DESCRIPTION: LOT 6, BLOCK "C", BELLE ISLE PINES, UNIT 1, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 7, PAGE 1, PUBLIC RECORDS



FULMER ROAD

OF ORANGE COUNTY, FLORIDA









CITY OF BELLE ISLE, FLORIDA
Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

POWER OF ATTORNEY

Date: 8/3/17	Permit #:
I hereby name and appoint ME(ANE EDD) NO (print name)	GTON of
SCREEN CRAFTERS COASTAL (company name)	to be my lawful attorney-in-fact to act for
me and apply to the City of Belle Isle Building Department for a	(type of permit) permit
for work to be performed at the following location:	
1640 FULMER ROAD (street address)	, Belle Isle, FL 232809 232812 and
to sign my name and do all things necessary to this appointment	
Certified Contractor's Printed Name: GARRY	SMITM
License Number: SCC 13111 Certified Contractor's Signature:	51669
	(
Notary Public, Orange County, Florida County County	JA-NESSA MARCUM Notary Public – State of Florida Commission # GG 095074 My Comm. Expires Apr 17, 2021 (seal)



Solo

*Plan Types:	Compliance Universal Engineering
Screen Room	Sciences
Pool Screen/Cage (Removable Screen - Remove sc	reen when wind speed exceeds 75 MPH)
Pool Screen/Cage (Non-Removable Screen - Desig	
Car Port	Control of the Contro
Patio Cover	UNIVERSAL ENGINEERING SCIENCES
Other:	
	PLAN REVIEW
	These plans have been reviewed for conformance to the Florida
*Reference: Reese New Revis	Auditing Code Careever with these plans is pursuant to Section
*Project Address: 1640 Fulmer Rd	106 of the Florida Building Code and does not include any items outside of the stated codes nor shall it relieve the permit holder.
*City: Orlando, FL 32809	from compliance With provisions of these or any other state or
	local regulation
*Contractor Name: Screen Crafters Coastal	Name - All Jalas
*Address: 831 Railroad St, Unit # 2	12-12-0
*City: Port Orange	Lic. No. 17/830 Date 872/2
*Zip Code: 32129	Annual Control of the
*Phone/Fax: Screencrafterscoastal@hotmail.com	
*Email:	
Choose One: Mail Pick Up Fed	d Ex 3 No of Copies
*For FedEx option got to www.aluminumscreendesign.com	and provide FedEx account #)
*Payment: Check Credit Card *	



*(For Credit Card option go to www.aluminumscreendesign.com to pay by credit card)

Engineering prepared by:

Engineer: Michael Thompson, MSc, P.E. (P.E. #47509)
4401 Vineland Road – Suite A6, Orlando, FL 32811
Office: 407-734-1470 Cell: 407-721-2292
act Manager: Paul Thomas 386-479-9504 Fay: 888-923-818

Project Manager: Paul Thomas 386-479-9504 Fax: 888-923-8181
Email: aluminumscreendesign@yahoo.com
Website: www.aluminumscreendesign.com CA#30930



Chy.

*Ultimate Wind Speed (mph): 130 Exposed Category: C RISK Category:
Screen Room: Insulated Pan Roof Compliance Fascia Wall: Block Conventional Universal Engineerin Sciences Wall: Top Plate X Kick Plate
Pool Screen/Cage: Dome Gable Mansard Gutter Wall: Block Conventional Beams 2 x 7,10 Uprights 2 x4,5,6 Purlin 2 x2,3
Car Port: Insulated Pan Fascia Wall: Block Conventional Beamsx Postx
Patio Cover: Insulated Pan Fascia Wall: Block Conventional Beamsx Postx
Concrete: Existing New: 4" Slab Pier Ribbon Footerx_ Pavers
Other:

Note: In the event that there is a conflict with the design plans and general notes and design standard, the contractor shall utilize the more stringent dimensions and member sizes prior to ordering materials, fabrication and/or construction between the plans and the general notes and design standard.

Engineer: Michael Thompson, MSc, P.E. (PE#47509) 4401 Vineland Road Suite A6 Orlando, El 32811



General Notes & Design Standards

(Non-Removable Pool Screen)

The following are general design standards. More stringent design standards may be noted on the plans. In the event of a conflict in plans and/or design standard dimensions and/or member sizes, the contractor must utilize the more stringent dimensions and/or member sizes prior to ordering materials, fabrication and/or construction.

Design Codes:

Florida Building Code 2014 (5th Edition) Aluminum Design Manual 2010 ASCE 7-10

Design Loads:

Pursuant to FBC Chapters 16 & 20

Ultimate Wind: -130 MPH (FBC Table 2002.4)

Risk Category:-See attach site specific plan sheet (FBC Table 1604.5) Exposure Category: -See attach site specific plan sheet (FBC 1609.4.3)

Additional Load requirements:

Structural members supporting screened enclosures are designed for wind in both of two orthogonal directions using the pressures given in Table 2002.4. Each primary member is also designed for a 300 pound load applied vertically downward along any 1 foot of any member, not occurring simultaneously with wind load. In addition to wind pressures, purlins is also be designed for a 200 pound load applied vertically downward along any 1 foot of any member, not occurring simultaneously with wind load.

Design Basis:

Allowable Stress Design (ASD) = Allowable Strength Design (ASD) divide by safety factor

General Requirements:

Reproductions of contract drawings by contractor in lieu of preparation of shop drawings signifies acceptance of information shown as correct and obligates himself to any expense, real or implied, arising from their use.

A change to the structural drawings due to the acceptance of alternates and/or substitutes is the responsibility of the contractor and must be submitted to the engineer for approval.

The general contractor and each subcontractor shall review the approve construction plans in its entirety and verify all existing conditions prior to the start of any work. All inconsistencies shall be reported to the designer and/or structural engineer, if needed. Should contractor construct the premises in a fashion not consistent with the plans prepared by the designer and/or structural engineer, or in any fashion, change the plans and drawing without the review and approval from the designer and/or structural engineer. Then designer and/or structural engineer shall bear no responsibility or liability for the construction of premises and accuracy of the drawings.

Foundation and Earthwork:

Applicable only when unsuitable soils are encountered.

When unsuitable soils are encountered as specified bearing strata, notify owner's representative/engineer. Soil bearing capacity – 2,000 psf Minimum

Provide neat excavation for footing and place concrete immediately after excavation and inspection.

Pump water from footing excavation if greater than one inch. Compact all fill to 95% ASTM D698 density.

Unit soil weight = 105 pcf Internal angle of friction = 30 degrees

Coeff. Of friction between footing and soil = 0.5





Structural Aluminum:

Conform to latest edition of Florida Building Code and Aluminum Design Manual standard practice for aluminum design.

All aluminum shall be 6005-T5 (E= 10,000 ksi; Fy = 35 ksi) with a minimum wall thickness of 0.046"

Splicing prohibited without prior approval as to location and type.

Burning of holes in aluminum members is prohibited. Any member with burned holes must be replaced.

Aluminum Protection:

Shall be pursuant FBC 2003.8.4. Aluminum surfaces in contact with dissimilar materials, lime-mortar, concrete, Sciences other masonry materials, shall be protected with powder coated or ESP paint or alkali-resistant coatings, such as heavy-bodied bituminous paint or water-white methacrylate lacquer.

Reviewed for Code Compliance Universal Engineering

Aluminum self-tapping screws shall conform to ASME B18.6.4 specification.

Self-tapping screws shall meet the requirements of ADM J.5

Maximum fastener spacing shall not exceed (3+20t) where "t" is the member thickness in inches.

For roofing and siding connection, use minimum #12 screws for end and side laps spaced at 12" max for side lap and end lap fasteners shall be no more than 2" from the end of overlapping sheets.

Bolts:

Bolts and other fasteners shall be aluminum, stainless steel, hot-dip or electro-galvanized steel. Double cadmium plated steel bolts may also be used. Bolt holes diameter shall not exceed 1/16" larger than the bolt diameter and shall be spaced at a minimum of 2.5 times the bolt diameter with minimum edge distance of 1.5 times the bolt diameter. Bolts shall meet the requirements of ADM J.3

Chair Rails, Purlins & Wind Brace:

Chair rails, purlins and wind brace shall conform with the below maximum span length. If the event contractor's specific site plan conflict with the below recommended length, the contractor shall utilize the more stringent dimensions and member sizes prior to ordering materials, fabrication and/or construction.

Wind Speed = 130 MPH

2 x 2 Chair Rail = 6'-0" 2 x 2 Purlins = 6'-6" 2 x 2 Wind Brace = 4'-3" 2 x 3 (0.125) Wind Brace = 9'-0" 2 x 3 Chair Rail = 8'-0" 2 x 3 Purlins = 8'-0" 2 x 3 Wind Brace = 8'-0" 2 x 4 Wind Brace = 9'-0"

Concrete

Conform to ACI 318, latest edition and ACI 301 Compressive Ultimate Strength (Minimum at 28 days) shall be 3000 psi Exposed chamfer edges shall be 3/4"

Reinforcing Steel:

Conform to ACI 318 and 315, Latest edition All reinforcement steel shall be ASTM A615 Grade 60. Smooth dowels & ties shall be ASTM A185 Welded Wire Fabric shall be ASTM A185 or A82 (Flat sheet). Deformed bar anchors shall be ASTM A496, Grade 70 Cover: Footing 3"

Washers shall be used under bolt heads and under nuts.

Hole Alignment:

Poor matching holes must be rejected. Contractor shall prevent holes from drifting and distort the metal. All chips and foreign matter between contacting surfaces shall be removed before assembly.



Cables:

Contractor shall provide a minimum 1/8" diameter stainless steel cable tie down at side and rear walls of pool screen enclosure. Contractor shall secure cable to top of column located at each corner and where there is a difference in column height locations. In addition, cables shall be spaced to provide wall support not exceeding 227.5 ft² with bottom each end of cables secure to concrete slab with a minimum 3"ASTM A-36 steel clip with 2-1 ½" x ¼" tapcons or equal.

Beams & Uprights:

In the event of a conflict with the values in this table and the site specific plan, the contractor must unit the regime engineering stringent dimensions and/or member sizes between the site specific plan and the below applicable span limitation and/or construction.

130 N	ЛРH		
	PRIMARY ROOF MEI	MBERS-POOL CAGE	ENCLOSURES
		Roof Span	
	Roof Span	*Maximum	Roof Span
	*Maximum Beam	Beam Spacing =	*Maximum Beam
SIZE	Spacing = 6'-0"	6'-8"	Spacing = 7'-2"
2 X 4	17'-9"	16'-9"	15'-6"
2 X 5	23'-3"	22'-0"	19'-0"
2 X 6	26'-0"	25'-0"	22'-9"
2 X 7	28'-0"	27'-0"	26'-6"
2 X 8	34'-0"	33'-0"	32'-6"
2 X 9	36'-0"	35'-0"	34'-6"
2 X 10	40'-0"	39'-0"	38'-6"

Upright -Pool Cage Enclosures					
130 Upright MPH					
SIZE	Height				
2 X 4	11'-6"				
2 X 5	13'-6"				
2 X 6	15'-0"				
2 X 7	16'-9"				
2 X 8	17'-9"				
2 X 9	18'-9"				
2 X 10	22'-0"				

Reviewed for Code

Knee Bracing:

Contractor shall provide knee bracing on 45 degree angle pursuant the attach detail sheet that specified size and length requirements. Knee bracing on upright above super gutter intersection shall be connected to upright no more than 6" above the super gutter. Knee brace size shall be a minimum of 2 x 2 for beam span of 15' max; 2 x 3 for 30' max; 2 x 4 for beam span greater than 30'.

Purlin:

Contractor is required to install purlins spaced to align with column spacing; however, spacing between purlins shall not exceed 7'-2".

Header Beam:

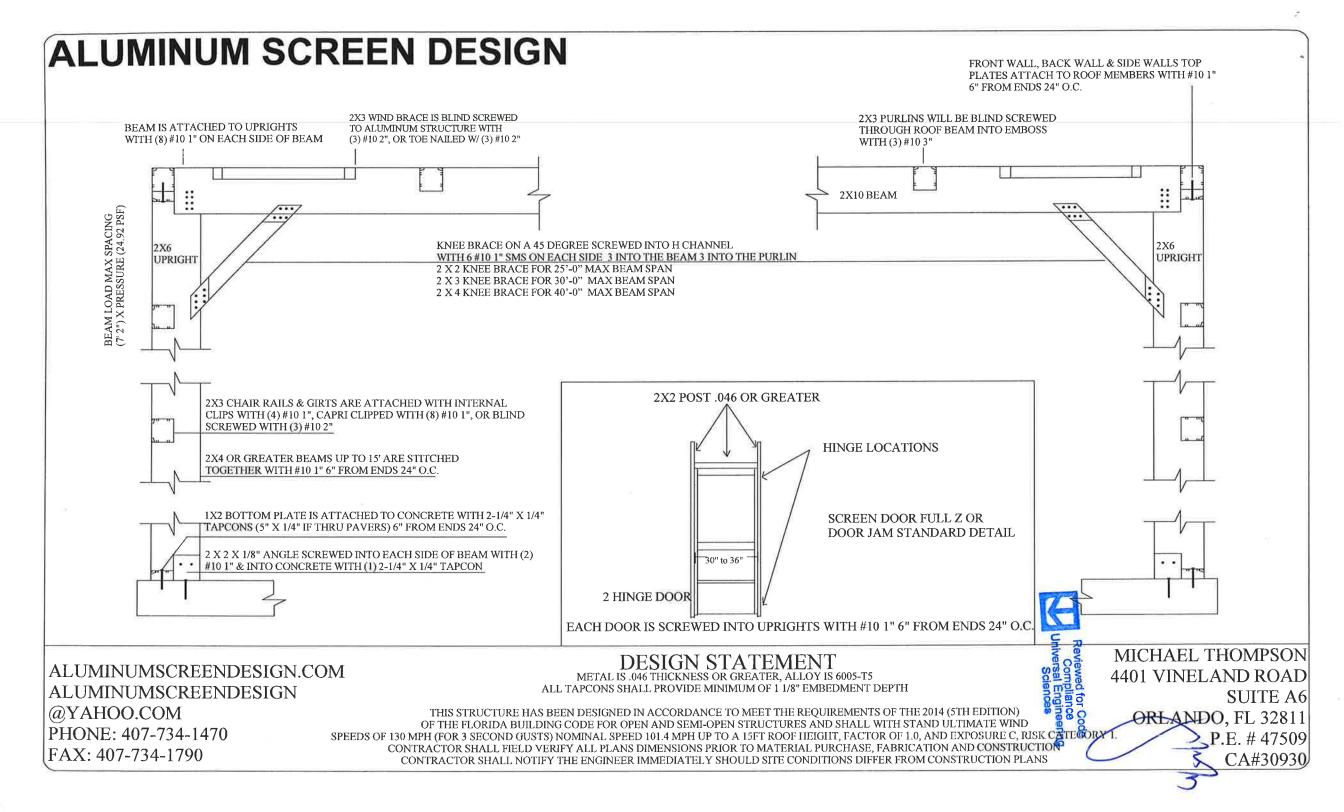
Contractor is required to install a minimum 2 x 7 header beam supported with 3 x 3 column space at 10 feet (max) with a 2' x 2' x 1'-6" concrete footer with 3#5 each way when screen enclosed is required to be attached super gutter at the interface of the insulated roof panel. Contractor is required to install insulated roof covering pursuant to the Florida product approval specification (35 psf).

Intermediate Girts:

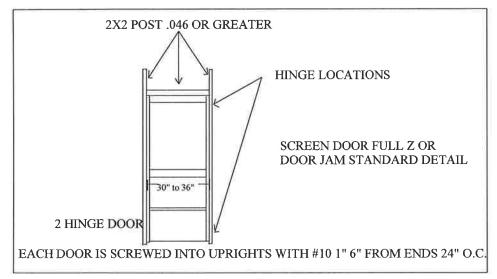
Contractor is required to install intermediate chair rails/girts spaced at mid-span between the chair rails and top rail or 6'-0" max on center when column height exceeds 11 feet. Contractor is also required to install one additional intermediate chair rail/girt to be located 3 feet below the top rail when column height exceeds 14 feet.

Edge Distance:

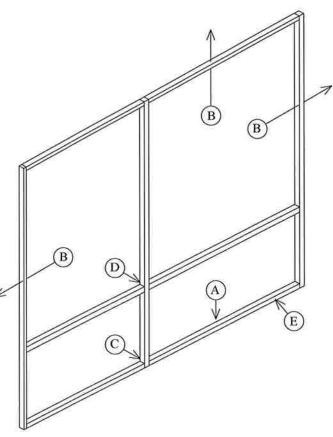
Contractor is required to install uprights to provide a 2" minimum clearance from edge of slab and/or footer.



ALUMINUM SCREEN DESIGN







- BOTTOM PLATE IS ATTACHED TO CONCRETE WITH 2-1/4" X 1/4" TAPCON (5" X 2-1/4" IF THRU PAVERS) 6" FROM ENDS 24" O.C.
- ALUMINUM FRAME IS ATTACHED TO BLOCK WITH 2-1/4" X 1/4" (#10 2" IF TO WOOD STRUCTURE) 6" FROM ENDS 24" O.C.
- 2X2 ANGLE IS ATTACHED TO
 ALUMINUM FRAME WITH 2 #10 1"
 & 1 2-1/4" X 1/4" TAPCON PER SIDE

CHAIR RAIL & UPRIGHTS ARE ATTACHED WITH EITHER:

- D BLIND SCREWED WITH (3) #10 3", CAPRI CLIPPED WITH (4) #10 1" PER CLIP BLIND CLIPPED WITH (4) #10 1" PER CLIP
- E KICK PLATE IS ATTACHED TO STRUCTURE WITH #10 1" 6" FROM ENDS 18" O.C.

ALUMINUMSCREENDESIGN.COM ALUMINUMSCREENDESIGN

@YAHOO.COM

PHONE: 407-734-1470 FAX: 407-734-1790 **DESIGN STATEMENT**

METAL IS .046 THICKNESS OR GREATER, ALLOY IS 6005-T5 ALL TAPCONS SHALL PROVIDE MINIMUM OF 1 1/8" EMBEDMENT DEPTH

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE TO MEET THE REQUIREMENTS OF THE 2014 (5TH EDITION)
OF THE FLORIDA BUILDING CODE FOR OPEN AND SEMI-OPEN STRUCTURES AND SHALL WITH STAND ULTIMATE WIND
SPEEDS OF 130 MPH (FOR 3 SECOND GUSTS) NOMINAL SPEED 101.4 MPH UP TO A 15FT ROOF HEIGHT, FACTOR OF 1.0, AND EXPOSURE C, RISK CATEGORY 1.
CONTRACTOR SHALL FIELD VERIFY ALL PLANS DIMENSIONS PRIOR TO MATERIAL PURCHASE, FABRICATION AND CONSTRUCTION
CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SHOULD SITE CONDITIONS DIFFER FROM CONSTRUCTION PLANS

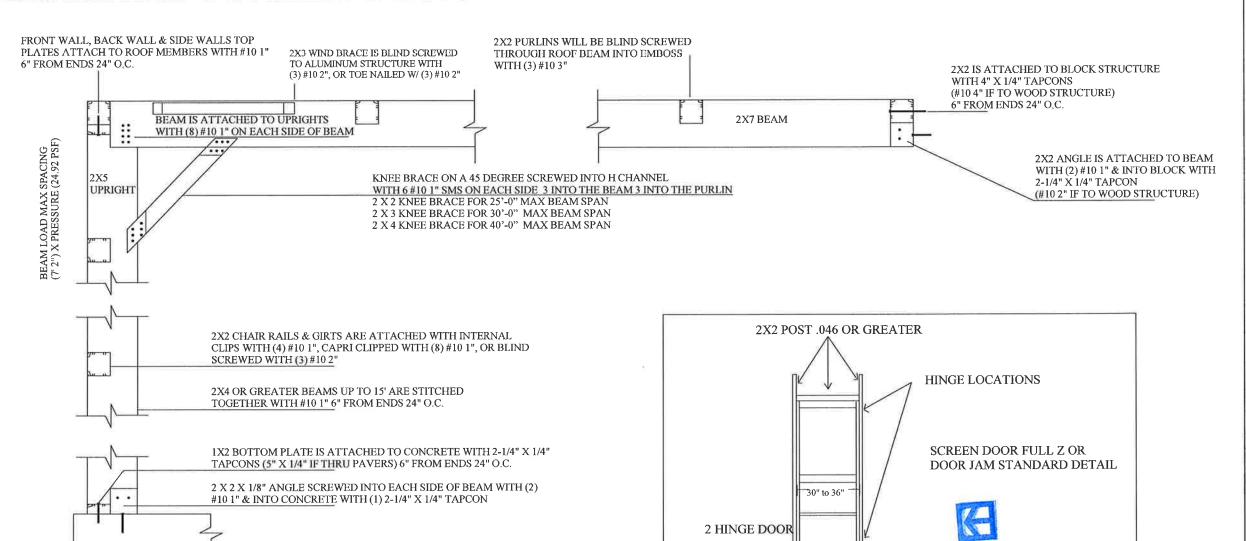
MICHAEL THOMPSON 4401 VINELAND ROAD SUITE A6

ORLANDO, FL 32811

P.E. # 47509

CA#30930

ALUMINUM SCREEN DESIGN



ALUMINUMSCREENDESIGN.COM ALUMINUMSCREENDESIGN

@YAHOO.COM

PHONE: 407-734-1470

FAX: 407-734-1790

DESIGN STATEMENT

EACH DOOR IS SCREWED INTO UPRIGHTS WITH ##0 176" FROM ENDS 24" O.C.

METAL IS .046 THICKNESS OR GREATER, ALLOY IS 6005-T5
ALL TAPCONS SHALL PROVIDE MINIMUM OF 1 1/8" EMBEDMENT DEPTH

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SPEEDS OF 130 MPH (FOR 3 SECOND GUSTS) NOMINAL SPEED 101.4 MPH UP TO A 15FT ROOF HEIGHT, FACTOR OF 1.0, AND EXPOSURE C, RISK CATEGORY 1.

CONTRACTOR SHALL FIELD VERIFY ALL PLANS DIMENSIONS PRIOR TO MATERIAL PURCHASE, FABRICATION AND CONSTRUCTION

CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SHOULD SITE CONDITIONS DIFFER FROM CONSTRUCTION PLANS

MICHAEL THOMPSON 4401 VINELAND ROAD SUITE A6

ORLANDO, FL 32811

P.E. # 47509

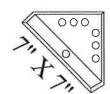
CA#30930

ALUMINUM SCREEN DESIGN

SIDE WALL DETAIL

1X2 1X2 TOP PLATE IS ATTACHED TO 2X2 1X2 TOP PLATE IS ATTACHED TO WALL BEAM WITH #10 2" 6" FROM UPRIGHTS WITH CAPRI CLIP WITH (4) ENDS 24" O.C. #10 1" OR BLIND SCREWED WITH (2) #10 2" PER SIDE IX2 SIDE WALL IS ATTACHED TO 2X2 FRONT WALL WITH #10 2" 6" FROM ENDS 24" O.C. 2X4 UPRIGHT 2X2 1X2 BOTTOM PLATE IS ATTACHED 1X2 BOTTOM PLATE IS ATTACHED TO TO CONCRETE WITH 2-1/4" X 1/4" UPRIGHTS WITH CAPRI CLIP WITH (4) (5" X 1/4" IF THRU PAVERS TO FOOTER) #10 1" OR BLIND SCREWED WITH (2) TAPCONS 6" FROM ENDS 24" O.C. #10 2" PER SIDE

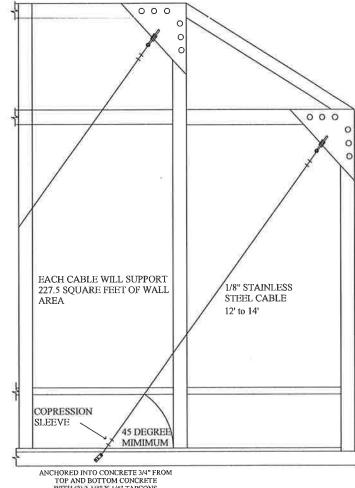
CABLE DETAIL



1/8" THICK ANGLE BRACKET ATTACHED TO UPRITE AND GIRT WITH (6) #10 1"

5/16" EYE BOLT WELDED CLOSED WITH DOUBLE NUTS COMPRESSION SLEEVE

SIDE VIEW COMPRESSION SLEEVE B"A.S.T.M. A-36 STEEL CLIP WITH (2) 2-1/4"X1/4 TAPCONS



ATTACHMENT MUST BE INSPECTED BY THE HOMEOWNER AT LEAST TWICE A TAR TO ELIMINATE ANY DEFICIENCIES ASSOCIATED WITH TENSION SLACK AND/OR CORROSION AND IF NECESSARY TO MAKE CORRECT VERPAIRS TO MAINTAIN THE CABLE FULL TENSION (NO SLACK) DESIGNED FOR STRUCTURAL LATERAL STABILITY

ALUMINUMSCREENDESIGN.COM ALUMINUMSCREENDESIGN

@YAHOO.COM

PHONE: 407-734-1470

FAX: 407-734-1790

DESIGN STATEMENT

METAL IS .046 THICKNESS OR GREATER, ALLOY IS 6005-T5 ALL TAPCONS SHALL PROVIDE MINIMUM OF 1 1/8" EMBEDMENT DEPTH

CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SHOULD SITE CONDITIONS DIFFER FROM CONSTRUCTION PLANS

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE TO MEET THE REQUIREMENTS OF THE 2014 (5TH EDITION) OF THE FLORIDA BUILDING CODE FOR OPEN AND SEMI-OPEN STRUCTURES AND SHALL WITH STAND ULTIMATE WINDS SPEEDS OF 130 MPH (FOR 3 SECOND GUSTS) NOMINAL SPEED 101.4 MPH UP TO A 15FT ROOF HEIGHT, FACTOR OF 1.0, AND EXPOSURE C, REK GARGORY I CONTRACTOR SHALL FIELD VERIFY ALL PLANS DIMENSIONS PRIOR TO MATERIAL PURCHASE, FABRICATION AND CONSTRUCTION

MICHAEL THOMPSON 4401 VINELAND ROAD SUITE A6

ORLANDO, FL 32811

P.E. # 47509



STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD 1940 NORTH MONROE STREET TALLAHASSEE FL 32399-0783

(850) 487-1395

SMITH, GARRY CHRISTOPHER SCREEN CRAFTERS COASTAL 4248 S ATLANTIC AVENUE WILBUR BY THE SEA FL 32127

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

SCC131151669

ISSUED: 06/26/2016

CERTIFIED SPECIALTY CONTRACTOR SMITH, GARRY CHRISTOPHER SCREEN CRAFTERS COASTAL SPECIALTY STRUCTURE CONTRACTOR

IS CERTIFIED under the provisions of Ch.489 FS. Expiration date : AUG 31, 2018 L1606260001454

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION CONSTRUCTION INDUSTRY LICENSING BOARD

LICENSE NUMBER

SCC131151669

The SPECIALTY STRUCTURE CONTRACTOR Named below IS CERTIFIED Under the provisions of Chapter 489 FS. Expiration date: AUG 31, 2018



SMITH, GARRY CHRISTOPHER SCREEN CRAFTERS COASTAL 831 RAILROAD STREET SUITE 2 PORT ORANGE FL 32129



AC	ORD CERTIFICATE	OF LIABIL	ITY INSURA	ANCE			MM/DD/YYYY 8/03/2017
7523 /	ER: RANCE GROUP OF CENTRAL ALOMA AVE STE 106 ER PARK, FL 32792	FLORIDA LLC	AND CONFERS I	NO RIGHTS UPON	A MATTER OF INFOR THE CERTIFICATE H EXTEND OR ALTER TO LOW.	OLDE	R. THIS
(407) (677-7300		INSURERS AFFOR	DING COVERAGE			NAIC#
INSURED					URANCE COMPANY		MAIO#
SCRE	EN CRAFTERS COASTAL INC		INSURER B:	WITHELIADEE ING	OT WITTE CONTINUE		
	AILROAD ST ORANGE, FL 32129		INSURER C:			_	
FORI	ORANGE, FL 32129		INSURER D:				
(407)	415-5728		INSURER E:				
COVER	AGES		INSONER E.				
NOTWI MY BE CONDI	DLICIES OF INSURANCE LISTED BELOW I THSTANDING ANY REQUIREMENT, TERM ISSUED OR MAY PERTAIN, THE INSURAN TIONS OF SUCH POLICIES. AGGREGATE	OF CONDITION OF A	NY CONTRACT OR OT HE POLICIES DESCRIB HAVE BEEN REDUECE	HER DOCUMENT W ED HEREIN IS SUB. D BY PAID CLAIMS.	ITH RESPECT TO WHICH	THIS C	
INSR ADD	D'L RD TYPE OF INSURANCE	POLICY NUMBER	DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMIT	s	
A	GENERAL LIABILITY COMMERCIAL GENERAL LIABILITY	IGL 016974-2	5/27/2017	5/27/2018	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1,0	000,000
	CLAIMS MADE X OCCUR				MED EXP (Any one person)	\$ 5,0	000
			1 1		PERSONAL & ADV INJURY	\$ 1,0	000,000
			1 1		GENERAL AGGREGATE		000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:				PRODUCTS - COMP/OP AGG	\$ 2,0	000,000
+	AUTOMOBILE LIABILITY ANY AUTO				COMBINED SINGLE LIMIT (Ea accident)	\$	
	ALL OWNED AUTOS SCHEDULED AUTOS				BODILY INJURY (Per person)	\$	
	HIRED AUTOS				BODILY INJURY	\$	
	NON-OWNED AUTOS				(Per Accident) PROPERTY DAMAGE	\$	
	0				(Per Accident)) a	
	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	\$	
- 1	ANY AUTO	- 0			OTHER THAN EA OCC	\$	
_	EXCESS AND DELA ALLA DIA ITA				AUTO ONLY: AGG	\$	
	EXCESS/UMBRELLA LIABILITY				EACH OCCURRENCE	\$	
	OCCUR CLAIMS MADE				AGGREGATE	\$	
	DEDUCTIBLE					\$	
	-					\$	
_	RETENTION \$ WORKER'S COMPENSATION AND				WC STATU- OTH	_	
	EMPLOYER'S LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE				TORY LIMITS ER		
	OFFICER/MEMBER EXCLUDED?				E.L. EACH ACCIDENT	\$	
	If yes, describe under SPECIAL PROVISIONS below				EL DISEASE - EA EMPLOYE	_	
-	OTHER				E.L. DISEASE - POLICY LIMIT	\$	
	1						
DESCRIP	TION OF OPERATIONS/LOCATIONS/VEHICLES/	EXCLUSIONS ADDED BY	ENDORSEMENT/SPECIAL	PROVISIONS			
	<u>CODE(S)</u> : [1] 98502 - Pre-Fab Building Erect <u>ON(S)</u> : FLORIDA	tion; [2] 91342 - Carpen	try NOC - Exterior Work	: Only; [3] 98884 - S	heet Metal Work Outside		
ERTIF	ICATE HOLDER		CANCELLA	TION			
CITY O 1600 NI	ISATE HOLDER F BELLE ISLE ELA AVENUE ISLE, FL 32809		SHOULD A BEFORE TH ENDEAVOR HOLDER NA NO OBLIGA AGENTS OF	NY OF THE ABOV ME EXPIRATION DA TO MAIL 10 DA AMED TO THE LEF ATION OR LIABILIT R REPRESENTATIVE	E DESCRIBED POLICIES TE THEREOF, THE ISSUI YS WRITTEN NOTICE TO T, BUT FAILURE TO DO S Y OF ANY KIND UPON T ES.	NG INS THE C SO SHA	URER WILL ERTIFICATE ALL IMPOSE
			AUTHORIZED F	REPRESENTATIVE	Donald Lofic	keloo)-



JIMMY PATRONIS CHIEF FINANICAL OFFICER

STATE OF FLORIDA **DEPARTMENT OF FINANCIAL SERVICES DIVISION OF WORKERS' COMPENSATION**

" CERTIFICATE OF ELECTION TO BE EXEMPT FROM FLORIDA WORKERS' COMPENSATION LAW "

CONSTRUCTION INDUSTRY EXEMPTION

This certifies that the individual listed below has elected to be exempt from Florida Workers' Compensation law,

EFFECTIVE DATE: 4/25/2016

EXPIRATION DATE: 4/25/2018

PERSON: SMITH

GARRY

C

FEIN:

473747534

BUSINESS NAME AND ADDRESS:

SCREEN CRAFTERS COASTAL INCORPORATED

4248 S ATLANTIC AVENUE

WILBUR BY THE

32127

SEA

SCOPE OF BUSINESS OR TRADE:

Door and Wredow Installation All Types Rouldential and Сопультегска

MEORITANT: Pursuant to Chapter 440.05(14). F.S., an officer of a corporation who elects exemption train this chapter by fing a certificate of election under this section may not recover benefits of compensation under this chapter 440.05(12). F.S., Certificates of election to be exempt...apply only within the scope of the business of trade listed on the notice of election to be exempt. Pursuant to Chapter 440.05(13), F.S., Notices of election to be exempt and certained of election to be exempt, shall be subject to revocation it, at any time after the titing of the notice or the isstance of the certained, the gerson named on the notice or certained no longer meets the requirements of this section for issuance of a certained. The department shall revoke a certificate at any time for failure of the person named on the pertiticate to most the requirements of this section.

DFS-F2-DWC-252 CERTIFICATE OF ELECTION TO BE EXEMPT REVISED 08-13

OUESTIONS? (850)413-1609

2016/2017

Volusia County Business Tax Receipt

Issued pursuant to F.S. 205 and Volusia County Code of Ordinances Chapter 114-1 by: Volusia County Revenue Division - 123 W Indiana Ave, Room 103, DeLand, FL 32720 – (386) 736-5938



Account # 201507200005 Expires: September 30, 2017

Business Location: 831 RAILROAD ST UNIT 2

Business Name: SCREEN CRAFTERS COASTAL

Owner Name: GARRY C. SMITH

Mailing Address: 831 RAILROAD ST UNIT 2

PORT ORANGE, FL 32129

BUSINESS TYPE	CODE	COUNT	TAX
Construction Subcontractor	451	1	\$22.00

- This receipt indicates payment of a tax, which is levied for the privilege of doing the type(s) of business listed above within Volusia County. This receipt is non-regulatory in nature and is not meant to be a certification of the holder's ability to perform the service for which he is registered. This receipt also does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.
- The business must meet all County and/or Municipality planning and zoning requirements or this Business Tax Receipt may be revoked and all taxes paid would be forfeited.
- The information contained on this Business Tax Receipt must be kept up to date. Contact the Volusia County Revenue Division for instructions on making changes to your account.

THIS PORTION OF THE BUSINESS TAX RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

Volusia County Business Tax Receipt

Revenue Division - 123 W Indiana Ave, Room 103, DeLand, FL 32720 - (386) 736-5938

DATE PAID: 07/18/2016
RECEIPT #: WWW-15-0001737
TOTAL TAX: 22.00
PENALTY: 0.00

22.00

Business Name: SCREEN CRAFTERS COASTAL

Owner Name: GARRY C. SMITH

Mailing Address:831 RAILROAD ST UNIT 2
PORT ORANGE, FL 32129

TOTAL PAID:

PORT ORANGE, FL 32129

Account #201507200005 Expires:September 30, 2017
Business Location: 831 RAILROAD ST UNIT 2

PLEASE DETACH THIS PORTION OF THE BUSINESS TAX RECEIPT FOR YOUR RECORDS