



City of Belle Isle

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

RECEIVED
AUG 03 2017

Building Permit (Land Use) Application

DATE: Aug 3 2017

PERMIT # 2017-08-036

PROJECT ADDRESS 7328 GONDOLA DR, Belle Isle, FL 32809 32812

PROPERTY OWNER Jeff Phelan PHONE 615-668-2851 VALUE OF WORK (labor & material) \$ 1619.61

PLEASE LIST THE NATURE OF YOUR PROPOSED IMPROVEMENTS

15'x8' shed wood floor on blocks

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:** 25-23-29-5884-21-230

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

SPECIAL CONDITIONS: STRUCTURES MAY NOT ENCROACH 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.

Wind Exposure Category: B C D

PLANNING & ZONING APPROVAL: _____
DATE _____

SPRINKLERS REQ'D	Y	N	
If Required - SUBMIT COPY OF PLANS FOR FIRE REVIEW			Date: Sent _____ RCD _____
ZONING	Y	N	\$ _____
CERT OF OCC	Y	N	\$ _____
TRAFFIC	Y	N	\$ _____
SCHOOL	Y	N	\$ _____
FIRE	Y	N	\$ _____
SWIMMING POOL	Y	N	\$ _____
SCREEN ENCLOSURE	Y	N	\$ _____
ROOFING	Y	N	\$ _____
BOAT DOCK	Y	N	\$ _____
BUILDING	Y	N	\$ _____
WINDOW(S)	Y	N	\$ _____
DOOR(S)	Y	N	\$ _____
FENCE	Y	N	\$ _____
SHED	Y	N	\$ _____
DRIVEWAY	Y	N	\$ _____
OTHER	Y	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 _____

TOTAL _____

By Owner Form	Y	NA
Notice of Commencement	Y	NA
Power of Attorney	Y	NA
Contractor Packet Included?	Y	N

OTHER PERMITS REQUIRED:

ELECTRICAL	Y	NA
PREPOWER	Y	NA
MECHANICAL	Y	NA
PLUMBING	Y	NA
ROOFING	Y	NA
GAS	Y	NA

Susan Manchester

From: Susan Manchester
Sent: Wednesday, August 09, 2017 2:02 PM
To: 'snagged4u@gmail.com'
Cc: CobiPermits
Subject: 7318 Gondola Dr - shed permit 2017-08-036 needs more info - By Owner Jeff Phelan
Attachments: 2014 4th Edition.pdf

Hello Jeff,

Some of the items that you dropped off in the lobby are not usable. As per the attached – the Simpson Strong Tie FL 10849 is FL 4th Edition (2010). I need something from FL 5th Edition (2014). I still need a plat or boundary survey of your property showing the proposed location of the shed drawn in with the setbacks (at least five feet from back and sides if you are on a NON waterfront lot). We also still need the plans for the shed or the pre-fab built documents showing that it is 5th Edition compliant.

The NOC is fine, but it wasn't needed as I see the value of the project was written in the application as under \$2,500.00

Thank you,

Susan Manchester

Permit Administration
Building Inspection Department
Universal Engineering Sciences, Inc.
3532 Maggie Blvd.
Orlando, FL 32811
Phone: 407-581-8161
Fax: 407-581-0313
Email: smanchester@universalengineering.com





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

PERMIT # 2017-05-036

Owner's Name Jeff Phelan

Owner's Address 7318 GONDOLA DR.

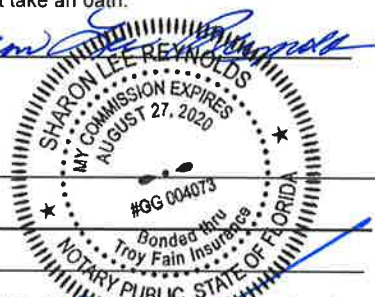
Contractor Name <u>By Owner</u>	Company Name
License #	Company Address
Contact Phone/Cell <u>615-668-2851</u>	City, State, ZIP
Contact Email <u>snagged4u@gmail.com</u>	Contact Fax

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) and City Ordinances (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 ROOFING, ELECTRICAL, MECHANICAL, PLUMBING, GAS, SIGNS, POOLS, SCREEN ENCLOSURES, 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>8/21/17</u> by _____ who is personally known to me and who produced _____ as identification and who did not take an oath.</p> <p>Notary as to Owner State of Florida County of Orange</p>	<p>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</p> <ol style="list-style-type: none"> Total Lot Area (sqft) X 0.35 = Allowable Impervious Area (BASE). Total Lot Area _____ X 0.35= Allowable Impervious Area (BASE) _____ 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. <ul style="list-style-type: none"> House _____ Driveway _____ Walkway _____ Accessory Buildings _____ Pool & Spa _____ Deck & Patio _____ Other _____ <p>Actual Impervious Area (AIA) _____</p> If AIA is <u>less than</u> BASE, subtract AIA from BASE to determine the amount of impervious area that may be added without providing onsite retention. If AIA is <u>greater than</u> BASE, then onsite retention must be provided. <p><u>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</u></p>
<p>Contractor Signature _____</p> <p>COMPANY NAME _____</p> <p>The foregoing instrument was acknowledged before me this _____ by _____ who is personally known to me and who produced _____ as identification and who did not take an oath.</p> <p>Notary as to Owner State of Florida County of Orange</p>	



Permit Number: 2017-08-036
Folio/Parcel Identification Number: _____
Prepared by: _____
Return to: _____

DOCH 20170431805
08/03/2017 02:11:12 PM Page 1 of 1
Rec Fee: \$10.00
Phil Diamond, Comptroller
Orange County, FL
MB - Ret To: JEFF PHELAN



NOTICE OF COMMENCEMENT

State of Florida, County of Orange

The undersigned hereby gives notice that improvement 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 the property, and street address if available)

7318 GONDOLA DRIVE, Belle Isle 32809

2. **General description of improvement**

15X8 Storage shed (Prefabricated)

3. **Owner information or Lessee information if the Lessee contracted for the improvement**

Name Jeff Phelan

Address 7318 Gondola drive

Interest in Property _____

Name and address of fee simple titleholder (if different from Owner listed above)

Name _____

Address _____

4. **Contractor**

Name Jeff Phelan

Telephone Number _____

Address _____

5. **Surety** (if applicable, a copy of the payment bond is attached)

Name _____

Telephone Number _____

Address _____

Amount of Bond \$ _____

6. **Lender**

Name _____

Telephone Number _____

Address _____

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

Name _____

Telephone Number _____

Address _____

8. **In addition to himself or herself, Owner designates the following to receive a copy of the Lienor's Notice as provided in §713.13(1)(b), Florida Statutes.**

Name _____

Telephone Number _____

Address _____

9. **Expiration date of notice of commencement** (the expiration date may not be before the completion of construction and final payment to the contractor, but will be 1 year from the date of recording unless a different date is specified) _____

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 I, 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.

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

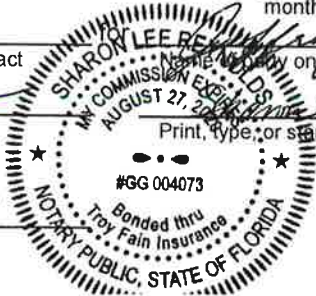
Jeff Phelan
Signature of Owner or Lessee, or Owner's or Lessee's Authorized Officer/Director/Partner/Manager

Signatory's Title/Office _____

The foregoing instrument was acknowledged before me this 3rd day of Aug by Jeffrey Phelan
month/year Name of person

as owner
Type of authority, e.g., officer, trustee, attorney in fact Name of party on behalf of whom instrument was executed

Sharon Lee Reynolds
Signature of Notary Public - State of Florida



Print, type, or stamp commissioned name of Notary Public

Personally Known OR Produced ID _____
Type of ID Produced _____

Seal of Phil Diamond, Comptroller of Orange County, Florida. Vertical text: "Seal of Florida, County of Orange. I hereby certify that this is a true copy of the document as reflected in the Official Records of PHIL DIAMOND, COUNTY COMPTROLLER BY: [Signature] DATED: 8/3/17"



City of Belle Isle

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OWNER BUILDER DISCLOSURE STATEMENT

Per Florida Statute 455.228:

**Homeowners hiring unlicensed Contractors may be
subject a fine of up to \$5,000.00!**

Before me this day personally appeared Jeff Phelan, who being duly sworn, deposes, and says as follows. "I hereby acknowledge that I have read and fully understand the individual provisions of this instrument."

1. I understand that state law requires construction to be done by a licensed contractor and have applied for an owner-builder permit under an exemption from the law. The exemption specifies that I, as the owner of the property listed, may act as my own contractor with certain restrictions even though I do not have a license AP Initial
2. I understand that building permits are not required to be signed by a property owner unless he or she is responsible for the construction and is not hiring a licensed contractor to assume responsibility. AP Initial
3. I understand that, as an owner-builder, I am the responsible party of record on a permit. I understand that I may protect myself from potential financial risk by hiring a licensed contractor and having the permit filed in his or her name instead of my own name. I also understand that a contractor is required by law to be licensed in Florida and to list his or her license numbers on permits and contracts. AP Initial
4. I understand that I may build or improve a one-family or two-family residence or a farm outbuilding. I may also build or improve a commercial building if the costs do not exceed \$75,000.00. The building or residence must be for my own use or occupancy. It may not be built or substantially improved for sale or lease. If a building or residence that I have built or substantially improved myself is sold or leased within 1 year after the construction is complete, the law will presume that I built or substantially improved it for sale or lease, which violates the exemption. AP Initial
5. I understand that, as the owner-builder, I must provide direct, onsite supervision of the construction. Initial AP
6. I understand that I may not hire an unlicensed person to act as my contractor or to supervise persons working on my building or residence. It is my responsibility to ensure that the persons whom I employ have the licenses required by law and by county or municipal ordinance. AP Initial
7. I understand that it is a frequent practice of unlicensed persons to have the property owner obtain an owner-builder permit, that erroneously implies that the property owner is providing his or her own labor and materials. I, as an owner-builder, may be held liable and subjected to serious financial risk for any injuries sustained by an unlicensed person or his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an owner-builder and am aware of the limits of my insurance coverage for injuries to workers on my property. Initial AP
8. I understand that I may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on my building who is not licensed must work under my direct supervision and must be employed by me, which means that I must comply with laws requiring the withholding of federal income tax and social security contributions under the Federal Insurance Contributions Act (FICA) and must provide workers' compensation for the employee. I understand that my failure to follow these laws may subject me to serious financial risk. AP Initial
9. I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern owner-builders as well as employers. I also understand that the construction must comply with all applicable laws, ordinances, building codes, and zoning regulations. AP Initial
10. I understand that I may obtain more information regarding my obligations as an employer from the Internal Revenue Service, the United States Small Business Administration, the Florida Department of Financial Services, and the Florida Department of Revenue. I also understand that I may contact the Florida Construction Industry Licensing Board at (850)487-1395 or www.Call.Center@dbpr.state.fl.us for more information about licensed contractors. AP Initial

Owner Builder Disclosure Statement

11. I am aware of, and consent to, an owner-builder building permit applied for in my name and understand that I am the party legally and financially responsible for the proposed construction activity at the following address:

Project Address: 7318 GONDOLA DR

AP Initial

12. I agree to notify the City of Belle Isle Building/Zoning Department immediately of any additions, deletions, or changes to any of the information that I have provided on this disclosure. AP Initial

13. FBC 105.3.6 requires asbestos abatement to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own asbestos abatement contractor even though you do not have a license. You must supervise the construction yourself. You may move, remove or dispose of asbestos-containing materials on a residential building where you occupy the building and the building is not for sale or lease, or the building is a farm outbuilding on your property. If you sell or lease such building within 1 year after the asbestos abatement is complete, the law will presume that you intended to sell or lease the property at the time the work was done, which is a violation of this exemption. You may not hire an unlicensed person as your contractor. Your work must be done according to all local, state and federal laws and regulations which apply to asbestos abatement projects. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. AP Initial

Licensed contractors are regulated by laws designed to protect the public. If you contract with a person who does not have a license, the Construction Industry Licensing Board and Department of Business and Professional Regulation may be unable to assist you with financial loss that you sustain as a result of a complaint. Your only remedy against an unlicensed contractor may be in civil court. It is also important for you to understand that, if any unlicensed contractor or employee of an individual or firm is injured while working on your property, you may be held liable for damages. If you obtain an owner-builder permit and wish to hire a licensed contractor, you will be responsible for verifying whether the contractor is properly licensed and the status of the contractor's workers' compensation coverage.

Before a building permit can be issued, this disclosure statement must be completed and signed by the property owner and returned to the local permitting agency responsible for issuing the permit. A copy of the property owner's driver license, the notarized signature of the property owner, or other type of verification acceptable to the local permitting agency is required when the permit is issued.

Signature: [Handwritten Signature]
(Signature of the property owner)

Print: JEFF Phelan
(Name of the property owner)

Signature: _____
(Signature of the property owner)

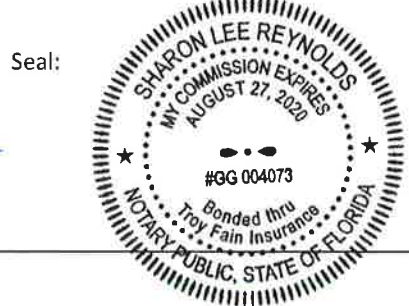
Print: _____
(Name of the property owner)

Owner's Address: 7318 GONDOLA DR

The foregoing instrument was acknowledged before me this 3rd Aug / 2017

by [Handwritten Signature] who is personally known to me / who produced the following _____ as identification and who did not take an oath.

State of Florida / County of Orange



Notary Signature [Handwritten Signature]

ESR-1622 and ESR-3050

Used for Florida State Wide Product Approval #

FL10849

Products on this Report which are approved:

2010 version

<u>Product</u>	<u>FL#</u>	<u>Product</u>	<u>FL#</u>	<u>Product</u>	<u>FL#</u>
AB44	10849.1	ABE46	10849.5	CBSQ86-SDS2	10849.8
AB44R	10849.1	ABE46Z	10849.5	CBSQ88-SDS2	10849.8
AB44Z	10849.1	ABE66	10849.5	EPB44A	10849.9
AB46	10849.1	ABE66Z	10849.5	EPB44	10849.9
AB46R	10849.1	ABU44	10849.6	EPB46	10849.9
AB46Z	10849.1	ABU44Z	10849.6	EPB66	10849.9
AB66	10849.1	ABU46	10849.6	EPS4Z	10849.10
AB66R	10849.1	ABU46Z	10849.6	LCB44	10849.11
AB66Z	10849.1	ABU66	10849.6	LCB66	10849.11
ABA44	10849.2	ABU66Z	10849.6	PB44	10849.12
ABA44R	10849.2	ABU88	10849.6	PB44R	10849.12
ABA44Z	10849.2	ABU88HDG	10849.6	PB46	10849.12
ABA46	10849.3	* CB44	10849.7	PB66	10849.12
ABA46R	10849.3	CB46	10849.7	PB66R	10849.12
ABA46Z	10849.3	CB48	10849.7	PBS44A	10849.13
ABA66	10849.3	CB66	10849.7	PBS46	10849.13
ABA66R	10849.3	CB68	10849.7	PBS66	10849.13
ABA66Z	10849.3	CBSQ44-SDS2	10849.8	PBV6	10849.14
ABE44	10849.4	CBSQ46-SDS2	10849.8	PBV10	10849.14
ABE44Z	10849.4	SBSQ66-SDS2	10849.8		



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- Double-wall, high-density polyethylene (HDPE) panels
- Lockable, steel-reinforced doors
- 6-ft 8-in of headroom and spacious walk-around interior
- Steel trusses provide additional roof strength and durability
- High-density polyethylene (HDPE) floor included
- UV-protected to prevent fading and cracking
- Customizable shelving and storage system
- Skylights allow natural light to illuminate interior




Specifications

Material	Resin	Actual Interior Length (Feet)	7.5
Series	N/A	Actual Interior Peak Height (Feet)	7.83
Style	Gable	Foundation Width (Feet)	14.83
Actual Exterior Width (Feet)	14.625	Foundation Length (Feet)	7.83
Actual Exterior Length (Feet)	7.73	Package Width (Inches)	32
Actual Exterior Peak Height (Feet)	8	Package Length (Inches)	96
Door Opening Width (Inches)	56	Package Height (Inches)	47.78
Door Opening Height (Inches)	76	Package Weight (lbs.)	751
Storage Capacity (Sq. Feet)	108.75	Storage Capacity Range (Sq. Ft.)	Over 100
Floor Storage Capacity (Cu. Feet)	749	Common Exterior Length (Feet)	8
Installation Included	X	Common Exterior Width (Feet)	15
Siding Color	Desert tan	Common Size Range	Over 10 ft x 10 ft
Color/Finish Family	White	Shed Floor Included	✓
Trim Color	Brown	Number of Windows	2
Warranty	10-year limited	Number of Shelves	6
Actual Interior Width (Feet)	14.5		


shed foundations on concret 

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[Concrete Block Garage](#)
[Concrete Block Footing](#)
[DIY Concrete Block Shed Foundation Garden](#)
[Shed Concrete Blocks as Foundation](#)
[Storage Shed Foundation Ideas](#)



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 Concrete Block Shed Foundation

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shed foundations on concret

Concrete Pier Foundation Shed Concrete Pier Foundation Design Concrete Pier Foundation Spacing Shed Foundation Types Storage Shed Foundation Ideas



View page: shedking.net

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Concrete Pier Foundation Shed
Shed foundation piers are one way of anchoring your
— shedking.net

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7318 GONDOLA Dr. 32809
Jeff Phelan

(615) 668-2851
Snagged4U@gmail.com

TABLE 6—ALLOWABLE STRESS DESIGN (ASD) LOADS FOR CB COLUMN BASES – 2500 psi CONCRETE^{1,2,3,4,5,6,7}

Wind and SDC A & B - Allowable Loads (lbs.)											
Model No.	Nominal Column Size	Material		Dimensions			Column Fasteners			Non-Cracked Uplift	Cracked Uplift
		Strap (Ga x Width)	Base (Ga)	W ₁	W ₂	D	Nails	Machine Bolts			
								Qty.	Dia.		
CB44	4x4	7 ga x 2	7	3 ⁹ / ₁₆	3 ⁹ / ₁₆	8	NA	2	5/8	6710	4700
CB46	4x6	7 ga x 2	7	3 ⁹ / ₁₆	5 ¹ / ₂	8	NA	2	5/8	6710	4700
CB48	4x8	7 ga x 2	7	3 ⁹ / ₁₆	7 ¹ / ₂	8	NA	2	5/8	6710	4700
CB66	6x6	7 ga x 3	7	5 ¹ / ₂	5 ¹ / ₂	8	NA	2	5/8	6710	4700
CB68	6x8	7 ga x 3	7	5 ¹ / ₂	7 ¹ / ₂	7	NA	2	5/8	6710	4700
LCB44	4x4	12 ga x 2	16	3 ⁹ / ₁₆	3 ¹ / ₂	6 ¹ / ₂	12 - 16d	2	1/2	1170	820
LCB66	6x6	12 ga x 2	16	5 ¹ / ₂	5 ¹ / ₂	5 ¹ / ₂	12 - 16d	2	1/2	1170	820

Wind and SDC C-F - Allowable Loads (lbs.)											
Model No.	Nominal Column Size	Material		Dimensions			Column Fasteners			Non-Cracked Uplift	Cracked Uplift
		Strap (Ga x Width)	Base (Ga)	W ₁	W ₂	D	Nails	Machine Bolts			
								Qty.	Dia.		
CB44	4x4	7 ga x 2	7	3 ⁹ / ₁₆	3 ⁹ / ₁₆	8	NA	2	5/8	5640	3945
CB46	4x6	7 ga x 2	7	3 ⁹ / ₁₆	5 ¹ / ₂	8	NA	2	5/8	5640	3945
CB48	4x8	7 ga x 2	7	3 ⁹ / ₁₆	7 ¹ / ₂	8	NA	2	5/8	5640	3945
CB66	6x6	7 ga x 3	7	5 ¹ / ₂	5 ¹ / ₂	8	NA	2	5/8	5640	3945
CB68	6x8	6 ga x 3	7	5 ¹ / ₂	7 ¹ / ₂	7	NA	2	5/8	5640	3945
LCB44	4x4	12 ga x 2	16	3 ⁹ / ₁₆	3 ¹ / ₂	6 ¹ / ₂	12 - 16d	2	1/2	985	690
LCB66	6x6	12 ga x 2	16	5 ¹ / ₂	5 ¹ / ₂	5 ¹ / ₂	12 - 16d	2	1/2	985	690

For SI: 1 in = 25.4 mm, 1 lb = 4.45 N, 1 psi = 6.895 kPa.

¹See Figure 6 for dimension variables and installation requirements.

²Multiply Seismic and Wind ASD load values by 1.4 or 1.6 respectively to obtain LRFD capacities.

³In accordance with IBC Section 1613.1, detached one- and two- family dwellings in Seismic Design Category (SDC) C may use "Wind and SDC A&B" allowable loads.

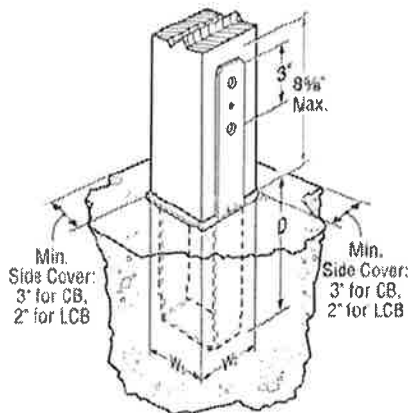
⁴Minimum side cover required is 3" for CB and 2" for LCB. See Figure 6 and Section 5.9 of this report.

⁵Post bases do not provide adequate resistance to prevent members from rotating about the base and therefore alternative means to provide lateral resistance must be provided.

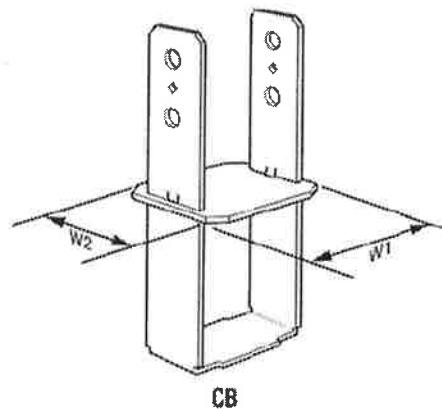
⁶Download capacity is based on either the post design or concrete design calculated per code. Minimum foundation dimensions are for anchorage only. Foundation design (size and reinforcement) by others. See Section 5.10 of this report.

⁷NAILS: 16d = 0.162" dia. X 3 1/2" long.

⁸See Section 3.2.2 for wood post requirements.



Typical CB/LCB Installation



("D" is minimum embedment depth.)

FIGURE 6



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 Application Detail

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FL #	FL10849-R4
Application Type	Revision
Code Version	2010
Application Status	Approved

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

Comments
 Archived

Product Manufacturer	Simpson Strong-Tie Co.
Address/Phone/Email	2221 Country Lane McKinney, TX 75070 (972) 439-3029 rshackelford@strongtie.com

Authorized Signature	Randall Shackelford rshackelford@strongtie.com
----------------------	---

Technical Representative	Randall Shackelford (new)
Address/Phone/Email	2221 Country Lane McKinney, TX 75069 (972) 439-3029 rshackelford@strongtie.com

Quality Assurance Representative	Shelby Troth
Address/Phone/Email	5956 W. Las Positas Blvd Pleasanton, CA 94588 (925) 560-9000 Ext 9049 stroth@strongtie.com

Category	Structural Components
Subcategory	Wood Connectors

Compliance Method	Evaluation Report from a Product Evaluation Entity
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Evaluation Entity	ICC Evaluation Service, LLC
Quality Assurance Entity	Benchmark Holdings, L.L.C.
Quality Assurance Contract Expiration Date	12/31/2015
Validated By	Shawn G. Collins, PE
	<input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received

Certificate of Independence	FL10849 R4 COI ICC Certificate of Independence2012.pdf
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Referenced Standard and Year (of Standard)	Standard	Year
	AISI S100 N. A. Spec for the Design of Cold-Formed Steel Structural Members	2007
	AISI S100 with Supplement 1	2010
	ASTM D1761	2000
	N.A. SPEC FOR DESIGN OF COLD FORMED STEEL CONSTRUCTION	2001
	National Design Specification for Wood Construction with 2012 Supplement	2012
	NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION	2005

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method Method 1 Option C

Date Submitted 03/04/2014

Date Validated 03/27/2014

Date Pending FBC Approval

Date Approved 03/31/2014

Summary of Products

FL #	Model, Number or Name	Description
10849.1	AB44, AB44R, AB44Z, AB46, AB46R, AB46Z, AB66, AB66R, AB66Z	Post Base
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: These products have not been evaluated for uplift resistance.		Installation Instructions FL10849 R4 II ESR-1622 Post Bases.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL10849 R4 AE ESR-1622 Post Bases.pdf
10849.2	ABA44, ABA44R, ABA44Z	Post Base
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL10849 R4 II ESR-1622 Post Bases.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL10849 R4 AE ESR-1622 Post Bases.pdf
10849.3	ABA46, ABA46R, ABA46Z, ABA66, ABA66R, ABA66Z	Post Base
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL10849 R4 II ESR-1622 Post Bases.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL10849 R4 AE ESR-1622 Post Bases.pdf
10849.4	ABE44, ABE44Z	Post Base
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL10849 R4 II ESR-1622 Post Bases.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL10849 R4 AE ESR-1622 Post Bases.pdf
10849.5	ABE46, ABE46Z, ABE66, ABE66Z	Post Base
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL10849 R4 II ESR-1622 Post Bases.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL10849 R4 AE ESR-1622 Post Bases.pdf
10849.6	ABU44, ABU44Z, ABU46, ABU46Z, ABU66, ABU66Z, ABU88, ABU88HDG	Post Base
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL10849 R4 II ESR-1622 Post Bases.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL10849 R4 AE ESR-1622 Post Bases.pdf
10849.7	CB44, CB46, CB48, CB66, CB68	Column Base, Embedded

Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL10849 R4 II ESR-3050 Embedded Bases.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL10849 R4 AE ESR-3050 Embedded Bases.pdf
10849.8	CBSQ44-SDS2, CBSQ46-SDS2, SBSQ66-SDS2, CBSQ86-SDS2, CBSQ88-SDS2	Column Bases, Embedded
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL10849 R4 II ESR-3050 Embedded Bases.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL10849 R4 AE ESR-3050 Embedded Bases.pdf
10849.9	CPT44Z, CPT66Z, CPT88Z	Concealed Post Tie Base
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL10849 R4 II ESR-1622 Post Bases.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL10849 R4 AE ESR-1622 Post Bases.pdf
10849.10	EPB44A, EPB44, EPB46, EPB66	Embedded Post Bases
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL10849 R4 II ESR-3050 Embedded Bases.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL10849 R4 AE ESR-3050 Embedded Bases.pdf
10849.11	EPS4Z	Post Base, Embedded
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL10849 R4 II ESR-3050 Embedded Bases.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL10849 R4 AE ESR-3050 Embedded Bases.pdf
10849.12	LCB44, LCB66	Light Column Base, Embedded
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL10849 R4 II ESR-3050 Embedded Bases.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL10849 R4 AE ESR-3050 Embedded Bases.pdf
10849.13	PB44, PB44R, PB46, PB66, PB66R	Post Bases, Embedded
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL10849 R4 II ESR-3050 Embedded Bases.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL10849 R4 AE ESR-3050 Embedded Bases.pdf
10849.14	PBS44A, PBS46, PBS66	Post Base, Embedded with Standoff
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Installation Instructions FL10849 R4 II ESR-3050 Embedded Bases.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL10849 R4 AE ESR-3050 Embedded Bases.pdf
10849.15	PBV6, PBV10	Round Post Base
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: These products have not been evaluated for uplift resistance		Installation Instructions FL10849 R4 II ESR-1622 Post Bases.pdf Verified By: ICC Evaluation Service, LLC Created by Independent Third Party: Evaluation Reports FL10849 R4 AE ESR-1622 Post Bases.pdf

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