

PASCO COUNTY FIRE SIMULATOR

Issue: Vertical accessibility to the second and third floors of a training facility.

Analysis: The applicant is requesting a waiver from providing vertical accessibility to the second and third floors of a 3,500 square foot building used for the purpose of providing fire fighting techniques involving the building being engulfed in flame with dense smoke. This is not a place of public accommodation and for individuals to be employed as firefighters, they must demonstrate superior strength and agility, as mandated by state and federal law. The project will cost \$546,000 and estimates \$55,000 and \$40-50,000 were submitted as the additional cost to provide vertical accessibility,

Project Progress:

The project is in plan review.

Items to be Waived:

Vertical accessibility to the second and third floors, as required by Section 553.509, Florida Statutes.

553.509 Vertical accessibility. Nothing in Sections 553.501-553.513 or the guidelines shall be construed to relieve the owner of any building, structure or facility governed by those sections from the duty to provide vertical accessibility to all levels above and below the occupiable grade level regardless of whether the guidelines require an elevator to be installed in such building, structure or facility, except for:

- (1) Elevator pits, elevator penthouses, mechanical rooms, piping or equipment catwalks and automobile lubrication and maintenance pits and platforms;
- (2) Unoccupiable spaces, such as rooms, enclosed spaces and storage spaces that are not designed for human occupancy, for public accommodations or for work areas; and
- (3) Occupiable spaces and rooms that are not open to the public and that house no more than five persons, including, but not limited to equipment control rooms and projection booths.

Waiver Criteria: There is no specific guidance for a waiver of this requirement in the code. The Commission's current rule, authorized in Section 553.512, Florida Statutes, provides criteria for granting waivers and allows consideration of unnecessary or extreme hardship to the applicant if the specific requirements were imposed.

This application is available in alternate formats upon request.

**REQUEST FOR WAIVER FROM ACCESSIBILITY REQUIREMENTS
OF CHAPTER 553, PART V, FLORIDA STATUTES**

Your application will be reviewed by the Accessibility Advisory Council and its recommendations will be presented to the Florida Building Commission. You will have the opportunity to answer questions and/or make a short presentation, not to exceed 15 minutes, at each meeting. The Commission will consider all information presented and the Council's recommendation before voting on the waiver request.

1. Name and address of project for which the waiver is requested.

Name: Pasco County Fire Simulator.

Address: 15910 Little Ranch Road, Brooksville, FL.

2. Name of Applicant. If other than the owner, please indicate relationship of applicant to owner and written authorization by owner in space provided:

Applicant's Name: Andy Dohmen

Applicant's Address: 2907 State Road 590, Clearwater, FL 33759.

Applicant's Telephone: 727-797-4420 **FAX:** 727-797-9218

Applicant's E-mail Address: adohmen@designstylesinc.com

Relationship to Owner: Architect

Owner's Name: Pasco County, Florida

Owner's Address: 7530 Little Road, New Port Richey, FL 34654-5598

Owner's Telephone: 727-847-8194 **FAX:**

Owner's E-mail Address: tsupeau@pascocountyfl.net

Signature of Owner: _____

Contact Person: Tom Supeau

Contact Person's Telephone: 727-847-8194 **E-mail Address:** tsupeau@pascocountyfl.net

This application is available in alternate formats upon request.
Form No. 2001-01

3. Please check one of the following:

- New construction.
- Addition to a building or facility.
- Alteration to an existing building or facility.
- Historical preservation (addition).
- Historical preservation (alteration).

4. Type of facility. Please describe the building (square footage, number of floors). Define the use of the building (i.e., restaurant, office, retail, recreation, hotel/motel, etc.)

Fire Fighter Training Facility, 3 floors, approximately 3,500 s.f

5. Project Construction Cost (Provide cost for new construction, the addition or the alteration): \$546,000

6. Project Status: Please check the phase of construction that best describes your project at the time of this application. Describe status.

Under Design Under Construction*

In Plan Review Completed*

* Briefly explain why the request has now been referred to the Commission.

This is being submitted as requested by the local authority having jurisdiction.

7. Requirements requested to be waived. Please reference the applicable section of Florida law. Only Florida-specific accessibility requirements may be waived.

Issue

1: Chapter 11 of the Florida Building Code, 2004 edition

8. Reason(s) for Waiver Request: The Florida Building Commission may grant waivers of Florida-specific accessibility requirements upon a determination of unnecessary, unreasonable or extreme hardship. Please describe how this project meets the following hardship criteria. Explain all that would apply for consideration of granting the waiver.

The hardship is caused by a condition or set of conditions affecting the owner which does not affect owners in general.

Substantial financial costs will be incurred by the owner if the waiver is denied.

The modular design of the Fire Fighting Training Facility inherently does not meet the criteria as set forth in Chapter 11 of the Florida Building Code, 2004 edition. Modifications to this system to meet the requirements of Chapter 11 will compromise the intended use of the structure for Fire Fighting training purposes.

The owner has made a **diligent investigation** into the costs of compliance with the code, but cannot find an efficient mode of compliance. Provide detailed cost estimates and, where appropriate, photographs. Cost estimates must include bids and quotes.

9. Provide documented cost estimates for each portion of the waiver request and identify any additional supporting data which may affect the cost estimates. For example, for vertical accessibility, the lowest documented cost of an elevator, ramp, lift or other method of providing vertical accessibility should be provided, documented by quotations or bids from at least two vendors or contractors.

a. Please see attached for two quotes regarding vertical accessibility.

10. Licensed Design Professional: Where a licensed design professional has designed the project, his or her comments **MUST** be included and certified by signature and affixing of his or her professional seal. The comments must include the reason(s) why the waiver is necessary.

A licensed design professional did not design this product.

CERTIFICATION OF APPLICANT:

I hereby swear or affirm that the applicable documents in support of this Request for Waiver are attached for review by the Florida Building Commission and that all statements made in this application are to the best of my knowledge true and correct.

Dated this 8th day of November, 2007

[Handwritten Signature]
Signature

Andy Dottment
Printed Name

By signing this application, the applicant represents that the information in it is true, accurate and complete. If the applicant misrepresents or omits any material information, the Commission may revoke any order and will notify the building official of the permitting jurisdiction. Providing false information to the Commission is punishable as a misdemeanor under Section 775.083, Florida Statutes.

REVIEW AND RECOMMENDATION BY LOCAL BUILDING DEPARTMENT.

Please state why the issue is being referred to the Florida Building Commission as well as a recommendation for disposition. The Building Official or his or her designee should review the application and indicate that to the best of his or her knowledge, all information stipulated herein is true and accurate. Further, if this project is complete, explain why it is being referred to the Commission. The Building Official or his or her designee should sign a copy of the plans accompanying this application as certification that such plans are the same as those submitted for building department review. Please reference the applicable section of the Accessibility Code.

a. The modular design of the Fire Fighting Training Facility inherently does not meet the criteria as set forth in Chapter 11 of the Florida Building Code, 2004 edition. Modifications to this system to meet the requirements of Chapter 11 will compromise the intended use of the structure for Fire Fighting training purposes.

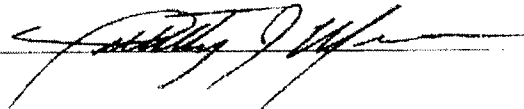
Has there been any permitted construction activity on this building during the past three years? If so, what was the cost of construction?

Yes No Cost of Construction _____

Comments/Recommendation: It is our opinion that this facility will, by its inherent design and intended use, be compromised and rendered inadequate if the requirements of Ch. 11 of the FBC2004 are to be met. We request that the requirements of Ch 11, Florida Accessibility Code for Building Construction, be waived.

Jurisdiction Pasco County Building Inspections

Building Official or Designee
Signature



Timothy J. Moore
Printed Name

BU0252
Certification Number

727-847-8007 727-847-8928
Telephone/FAX

Address: 7530 Little Road, Public Works Bldg. S118, New Port Richey, FL 34654



"Dolson, Richard"
<richard.dolson@otis.com>

11/07/2007 04:53 PM

To <dray@designstylesinc.com>

cc

bcc

Subject: Basic 3 Stop Elevator In Pasco

For a basic three stop hydraulic elevator in Pasco (20' travel, 3 in line openings, no remote machine room conditions, basic finishes) I would budget around \$55,000. This is somewhat tight and would not allow for any unusual circumstances or conditions.

Thank you for considering Otis.

Sincerely,

Richard Dolson
Otis Elevator Company
1212 West Cass Street
Tampa, FL 33606
ph 813-251-1841x18
fax 813-254-9748
e-mail richard.dolson@otis.com



"Cook, Dan"
<dan.cook@thyssenkrupp.com>
11/08/2007 09:38 AM

To <dray@designstylesinc.com>
cc
bcc
Subject quote

\$45-50k for 3 stop 2500#

Dan Cook
ThyssenKrupp Elevator
5100 West Grace Street
Tampa, FL 33607
Telephone (813) 287-1744
Fax: (813) 288-1954
E-mail: dan.cook@thyssenkrupp.com

Door Schedule

NO.	SYMBOL	TYPE	MARK
1	1	SWING	1
2	2	SWING	2
3	3	SWING	3
4	4	SWING	4
5	5	SWING	5
6	6	SWING	6
7	7	SWING	7
8	8	SWING	8
9	9	SWING	9
10	10	SWING	10
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PASCO #321 1-11
Floorplan Drawing

FREBLAS
ARCHITECTURE
15910 LITTLE RANCH ROAD, SUITE 100
BROOKSVILLE, FL 34601
TEL: (813) 866-0502
FAX: (813) 866-0503
WWW.FREBLAS.COM

Expandable Trainer FP-3

PASCO #321 1-11
Floorplan Drawing

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ARCHITECTURE
15910 LITTLE RANCH ROAD, SUITE 100
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TEL: (813) 866-0502
FAX: (813) 866-0503
WWW.FREBLAS.COM

Expandable Trainer FP-1

Wall Schedule

NO.	SYMBOL	TYPE	MARK
1	1	SWING	1
2	2	SWING	2
3	3	SWING	3
4	4	SWING	4
5	5	SWING	5
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99	99	SWING	99
100	100	SWING	100

PASCO #321 1-11
Floorplan Drawing

FREBLAS
ARCHITECTURE
15910 LITTLE RANCH ROAD, SUITE 100
BROOKSVILLE, FL 34601
TEL: (813) 866-0502
FAX: (813) 866-0503
WWW.FREBLAS.COM

Expandable Trainer FP-4

PASCO #321 1-11
Floorplan Drawing

FREBLAS
ARCHITECTURE
15910 LITTLE RANCH ROAD, SUITE 100
BROOKSVILLE, FL 34601
TEL: (813) 866-0502
FAX: (813) 866-0503
WWW.FREBLAS.COM

Expandable Trainer FP-2

FP	DATE	03/27/20
	PROJECT	EXPANDABLE TRAINER
DESIGNED BY	ARCHITECT	FP-3
CHECKED BY	ARCHITECT	FP-3
PROJECT MANAGER	ARCHITECT	FP-3
DRAWINGS	ARCHITECT	FP-3

The Pasco County Fire Simulator
15910 Little Ranch Road, Brooksville, FL
PREPARED FOR:
Pasco County
Project #6732

INTEGRAL ENGINEERS INC.
P.O. BOX 998
LUTZ, FL 33548
Phone: (813) 866-0502
Fax: (813) 866-0503
E: E@INTEGRAL.COM

DESIGN STYLES ARCHITECTURE
2807 Sun Road SW
Crestview, FL 32109
P: 772-777-4420
F: 772-777-4420
info@designstyles.com
www.designstyles.com