DATE 11/16/2005

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000023860

APPLICANT MIKE TODD PHONE 755.4387

ADDRESS 129 NE COLBURN AVENUE LAKE CITY FL 32055

OWNER MINI STORAGE RECORDS OF LAKE CITY,INC. PHONE

ADDRESS 5919 W US HWY 90 LAKE CITY FL 32055

CONTRACTOR MIKE TODD PHONE 755.4387

LOCATION OF PROPERTY HWY 90-W TO APPROX. 4 MILRS PAST I-75 ON THE R.

TYPE DEVELOPMENT COMM. METAL BLDG. ESTIMATED COST OF CONSTRUCTION 128250.00

HEATED FLOOR AREA TOTAL AREA 11550.00 HEIGHT 11.40 STORIES 1

FOUNDATION CONC WALLS METAL/FR ROOF PITCH 1'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 6 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 29-3S-16-02381-001 SUBDIVISION BLDG "A"

LOT BLOCK PHASE UNIT TOTAL ACRES 5.00

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
		CGC006209		
FDOT-EXISTING	X-05-0305	BLK	JTH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: SE 0431

Check # or Cash 10997

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by

Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by

Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by

Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by

Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by

M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by

Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by

M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE $ 645.00 CERTIFICATION FEE $ 57.75 SURCHARGE FEE $ 57.75

MISC. FEES $ .00 ZONING CERT. FEE $ 50.00 FIRE FEE $ .00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 835.50

INSPECTORS OFFICE CLERKS OFFICE CN

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.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR 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."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525
(exp. 10/31/2005)

This form is completed by the licensed Pest Control Company. #23860 [redacted]

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.
Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB109476 Company Phone No. 386-755-3611
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Lake City Mini Storage Company Phone No.

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Hwy 90 W. Lake City FL

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside 0 Inside 0 Type of Fill N/A

Section 4: Treatment Information

Date(s) of Treatment(s) 12-2-05
Brand Name of Product(s) Used Prabuild
EPA Registration No. 100-1066
Approximate Final Mix Solution % 0.5%
Approximate Size of Treatment Area: Sq. ft. 4160 Linear ft. 0 Linear ft. of Masonry Voids 0
Approximate Total Gallons of Solution Applied 1160
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No
Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List)
Comments

Name of Applicator(s) Tom Brown Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature [signature] Date 12-2-05

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010. 1012; 31 U.S.C. 3729, 3802)

Cal-Tech Testing, Inc.
• Engineering
• Geotechnical
• Environmental

P.O. Box 1625 • Lake City, FL 32056-1625
6919 Distribution Avenue S., Unit #5 • Jacksonville, FL 32257

Tel. (386) 755-3633 • Fax (386) 752-5456
Tel. (904) 262-4046 • Fax (904) 262-4047

Z3860
~~Z3856~~

JOB NO.: 05-625
DATE TESTED: 12-02-2005
DATE REPORTED: 12-02-2005

REPORT OF IN-PLACE DENSITY TEST

PROJECT:	Mini Storage of Lake City
CLIENT:	Stephen Douglas, 442 SW St. Margarets Street, Lake City, Fl., 32025
GENERAL CONTRACTOR:	Stephen Douglas
EARTHWORK CONTRACTOR:	Stephen Douglas
INSPECTOR:	M Bryant

ASTM METHOD: (D-2922) Nuclear

SOIL USE: BUILDING FILL

SPECIFICATION REQUIREMENTS: 100%

TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft³)	MOISTURE PERCENT	DRY DENSITY (lb/ft³)	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
1	30'N X 15'W OF S.E.C BLDG.A	0-12"	126.2	12.0	112.7	1	104.6	107.7%
2	40'N X 20'E OF S.W.C BLDG. A	0-12"	123.4	9.0	113.2	1	104.6	108.2%
3	20'S X 20'W OF N.E.C BLDG. A	0-12"	123.4	9.7	112.5	1	104.6	107.5%
4	22'S X 18'E OF N.W.C BLDG A	0-12"	123.3	10.5	111.6	1	104.6	106.7%
5	50'N X 20'W OF S.E.C BLDG B	0-12"	124.6	9.6	113.7	1	104.6	108.7%
6	100'N X 22'W OF S.E.C BLDG. B	0-12"	124.3	10.2	112.8	1	104.6	107.8%
7	150'N X 21'W OF S.E.C BLDG. B	0-12"	124.2	9.9	113.0	1	104.6	108.0%
8	197N X 20'W OF S.E.C BLDG. B	0-12"	122.7	9.8	111.7	1	104.6	106.8%
9	48'N X 18'W OF S.E.C BLDG. C	0-12"	124.1	10.3	112.5	1	104.6	107.6%
10	102'N X 20'W OF S.E.C BLDG. C	0-12"	124.1	9.9	112.9	1	104.6	108.0%
11	151'N X 18'W OF S.EC BLDG. C	0-12"	124.0	10.1	112.6	1	104.6	107.7%
12	197'N X 22'W OF S.E.C BLDG. C	0-12"	124.9	10.7	112.8	1	104.6	107.9%

REMARKS: The Above Tests Meet Specification Requirements.

"Excellence in Engineering & Geoscience"

Cal-Tech Testing, Inc.

• Engineering
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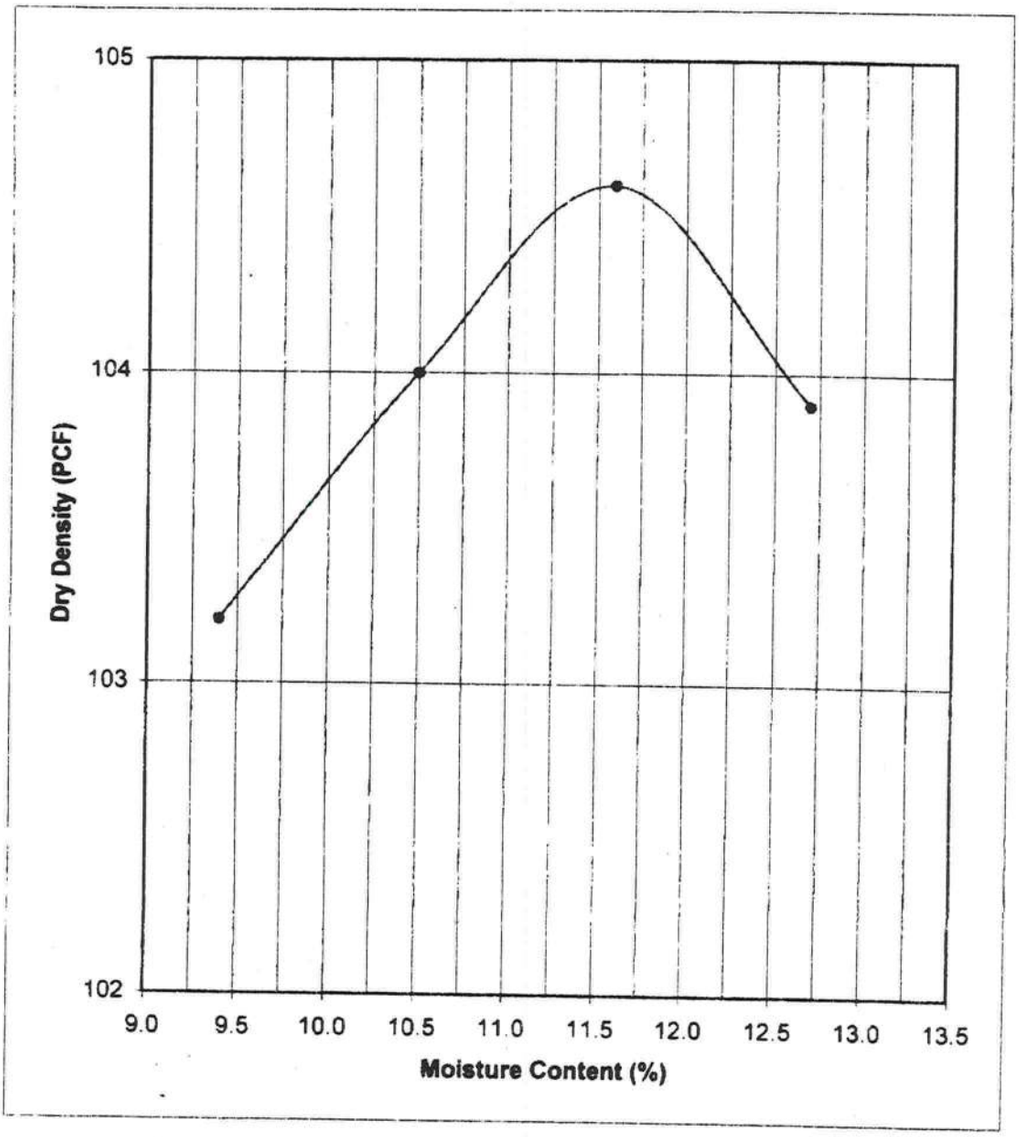
• Environmental

P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456
6919 Distribution Ave. S., Unit #5, Jacksonville, FL 32257 • Tel(904)262-4046 • Fax(904)4047

REPORT OF LABORATORY COMPACTION TEST

Client: Steven Douglas, 442 SW St. Margarets Street, Lake City, Fl 32025
Project Name: Mini Storage of Lake City
Project Location: Lake City, Florida
Contractor: Steven Douglas

File No: 05-625
Date: 12/5/2005
Lab No: 8084



PROCTOR DATA

Proctor No.: 1

Modified Proctor (ASTM D-1557) ☑

Standard Proctor (ASTM D-698) ☐

Maximum Dry Dens. Pcf: 104.6

Optimum Moisture Percent: 11.6

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.

Sample Description: Tan Sand w/Trace of Silt
Sample Location: SE Corner of Building A
Proposed Use: Building Fill
Sampled By: M Bryant **Date:** 12/2/2005
Tested By: W McCollum **Date:** 12/5/2005
Remarks: 1cc: Client
1cc: File

Linda Creamer

Linda M. Creamer
President - CEO
Reviewed By:
Date: 12/5/05
FL Registration No: 52612

JOB NO.: 05-625
DATE TESTED: 12/02/05

PROCTORS				
PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft³)	OPT. MOIST.	TYPE
1	Tan Sand w/Trace of Silt	104.6	11.6	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Linda Creamer

Linda M. Creamer
President - CEO

Reviewed By:

Date: 12/6/05
Florida Registration No: 52612

SMW

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.

CAL-TECH TESTING, INC.
ENGINEERING & TESTING
LABORATORY
P.O. Box 1625 • Lake City, FL 32056 • (386) 755-3633 • Fax (386) 752-5456

1655 Acme Street • Orlando, FL 32805
PH (407) 872-7690 • FAX (407) 872-7659
6919 Distribution Avenue S., Unit #5
Jacksonville, FL 32257
(904) 262-4046 • FAX (904) 262-4047

REPORT OF DAILY CONSTRUCTION TESTING AND MONITORING

Client Steven Douglas
Project Mini Storage of L/C
Contractor S.U.C

Date 12-2-05
Job. No 05-625
Technician M bryant

WORK ORDER:

☑ DENSITY
Spec's: 100%
Test No.: 1-12
Inches: 0-12

☐ CONCRETE
☐ Cylinders
☐ Beams
☐ Prisms
☐ Pick-Up
Set No. _____

☑ Pick-Up Proctor
Sample #2

☐ Pick-Up LBR

DESCRIPTION OF DAYS ACTIVITIES:

Travel 9:00-9:15
12 FDT's on Bldg 611 9:15-9:45 Test #s 1-12 + Plup Pro
Travel 9:45-10:00

Time Out: 9:00
Time In: 10:00

FDT's Performed 12
Cyls Cast/Cal-Tech _____
Cyls Cast/Client _____
Beams Cast/Cal-Tech: _____

Weather: _____
Hours Worked: .50
Other Tests: _____

Hours Travel: .50
Miles Travel: _____
Hours Standby: _____
Hours O.T.: _____

FIELD REPRESENTATIVE

CLIENT REPRESENTATIVE

G 11/15/05 Bld A

Columbia County Building Permit Application

For Office Use Only Application # 0511-07 Date Received 11-1-05 By G Permit # 23960

Application Approved by - Zoning Official BLK Date 15-11-05 Plans Examiner OK JTH Date 11-15-05

Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments SE 0431

Applicants Name Mike Todd Construction Phone 3867554387

Address 129 NE Colburn Ave Lake City FL 32055

Owners Name Stephen Douglas dba Mini Storage Phone

911 Address 5919 W US Highway 90 L.C. 32055

Contractors Name Mike Todd Construction Phone 3867554387

Address 129 NE Colburn Ave Lake City FL 32055

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Curtis Keene

Mortgage Lenders Name & Address 1st Federal

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy

Property ID Number 29 3S 16 02381-001 Estimated Cost of Construction 128,750.

Subdivision Name Lot Block Unit Phase

Driving Directions Hwy 90 West approx 4 mi past I-75 on right

Type of Construction Commercial metal bldg Number of Existing Dwellings on Property 0

Total Acreage ~~App 5 ac~~ Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front Plans Side See Plot Side Plan Rear

Total Building Height 14' Number of Stories 1 Heated Floor Area 0 Roof Pitch 1/12

TOTAL BUILDING SQ FT 112,550

Application is hereby made to obtain a permit to do 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 be performed to meet the standards of all laws regulating construction in this jurisdiction.

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

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

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number CGC062209

Competency Card Number

STATE OF FLORIDA
COUNTY OF COLUMBIA

NOTARY STAMP/SEAL
LAURIE HODSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

Sworn to (or affirmed) and subscribed before me this 1 day of 11 2005.

Personally known ✓ or Produced Identification

Notary Signature

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

File No. 02-87

Grantee's Tax ID No. 59-3662985

Property Appraiser's
Parcel Identification No.
Part of Parcel No.
28-3S-16-023/2-000

WARRANTY DEED

THIS INDENTURE, made this 12th day of March 2002, BETWEEN DANIEL CRAPPS and RICHARD C. COLE, as Trustees of FOREST LAKE LAND TRUST, whose post office address is 4400 US Highway 90 West, Lake City, Florida 32055, of the County of Columbia, State of Florida, grantor*, and MINI-STORAGE & RECORD STORAGE OF LAKE CITY, INC., a Florida corporation, whose post office address is 601 West St. Margaret Road, Lake City, Florida 32025, of the County of Columbia, State of Florida, grantee*.

WITNESSETH: that said grantor, for and in consideration of the sum of Ten Dollars ($10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's successors and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

TOWNSHIP 3 SOUTH - RANGE 16 EAST

SECTION 29: Commence at the Northeast corner of Section 29, Township 3 South, Range 16 East; thence S 00°53'33"E, along the East Line of said Section 29, a distance of 3964.99 feet for a POINT OF BEGINNING; thence continue S 00°53'33"E, along the East Line of said Section 29, a distance of 586.54 feet to the intersection with the Northerly Right-of-Way of State Road No. 10 (U.S. Highway 90) as shown on F.D.O.T. Right-of-Way maps Section No. 2901, said point being on the arc of a curve whose radius point lies S 29°11'22"W, 987.93 feet; thence run Northwesterly, along the Northerly Right-of-Way of said State Road No. 10 and the arc of said curve, through a central angle of 26°36'13", 458.72 feet; thence N 00°53'33"W, parallel with the East Line of said Section 29, and 435.25 feet Westerly therefrom, a distance of 450.40 feet; thence N 88°27'46"E, a distance of 435.28 feet to the POINT OF BEGINNING. Being and lying in Section 29, Township 3 South, Range 16 East, Columbia County, Florida.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year.

and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

*"Grantor" and "grantee" are used for singular or plural, as context requires.

IN WITNESS WHEREOF, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered
in our presence:

(First Witness)
Terry McDavid
Printed Name

(Second Witness)
Myrtle Ann McElroy
Printed Name

Daniel Crapps, Trustee (SEAL)

Richard C. Cole, Trustee (SEAL)

Inst:200200534? Date:03/13/2002 Time:11:?:49
Doc Stamp-Deed 80.00
DC,P.DeWitt Cason,Columbia County B:746 P:2144

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 12th day of March 2002, by DANIEL CRAPPS and RICHARD C. COLE, as Trustees of Forest Lake Land Trust, who are personally known to me and who did not take an oath.

Notary Public
My Commission Expires:

MYRTLE ANN MCELROY
MY COMMISSION # CC 793549
EXPIRES: February 12, 2003
Bonded Thru Notary Public Underwriters

From: The Columbia County Building Department
Plans Review
135 NE Hernando Av.
P. O Box 1529
Lake City Florida, 32056-1529

Reference to: Build permit application Number: 0511-07 Mike Todd Construction/Owner C.F. Douglas

On the date of November 7, 2005 application 0511-07and plans for construction of an Commercial metal building , Storage group S-1 to were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0510-07when making reference to this application.

1. Show the method of draftstopping in building "A" which contains 11,550 square feet. As required in section 717.4.3 of the FBC-2004: Draftstopping shall be installed in attics and concealed roof spaces, such that any horizontal area does not exceed 3,000 square feet (279 m2).

2. Please submit the product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 for all the exterior doors located in the shear walls of the building.

3. Please show the method of complying with the FBC-2004 sections 1016 corridors and table 1016.1. Please submits a fire rating label for all the interior doors (include the interior roll up doors) and the exits doors. Show compliance with the FBC-2004 sections 1008.1.8 Door operations. Except as specifically permitted by this section egress doors shall be readily openable from the egress side without the use of a key or special knowledge or effort.

4. Show the method of compliance with FBC-2004 sections 1006: Means of egress illumination and signs.

5. Please show compliance with the FBC-2004 sections 106.3.5 Minimum plan review criteria for buildings. The examination of the documents by the building official shall include the following minimum criteria and documents: a floor plan; site plan; foundation plan; floor/roof framing plan or truss layout; and all exterior elevations: Commercial Buildings: Structural requirements shall include: Soil conditions/analysis, Termite protection

Thank you,

Joe Haltiwanger
Plan Examiner
Columbia County Building Department

CONSTRUCTION TESTING CORPORATION
13873 N.W. 19th Ave. Miami, Florida 33054
Phone: (305) 685-6657 Fax: (305) 685-6659

Report No: 95-029 23 August 1995

Test Date: 17 August 1995

TESTS ON ROLL DOWN DOORS

Door series 3100

Client:

Door & Building Components, Inc.
4310 Industrial Access Road
Douglasville, Georgia 30134

General : Uniform Static Air Pressure Loading, per ASTM E-330

Testing witnessed by:
John W. Knezevich, P.E. Knezevich & Ass.
Don Mills, Product Engineer for D.B.C.I.
Bill Mathews, President J. B. Mathews
George Dotzler, CTC Test Engineer

Statement of Conformance : This is a general statement and does not supersede the specific product descriptions in this report. The specimens are in conformance with drawings provided by the manufacturer, labeled:

ROLL - UP DOOR

D.B.C.I.

Door & Building Components, Inc.
4310 Industrial Access Road
Douglasville, Georgia 30134
Date : 8 - 23 - 95 Drawing # (95 - 430)

Changed to 98-176 on 7/17/98

Description of Test Specimen: The specimen was a roll down door manufactured by Door & Building Components, Inc. . This door was installed covering a nominal opening 16'-0" wide by 16'-0" high. The door was constructed of painted galvanized steel sheet (mic'd @ 0.0240" w/ galvanized, w/o paint). The specimens channel guides were secured to the steel jamb (1/4" steel plate) of the test chamber with 9/16" hex head self threading 3/8" x 1" screws at 4" on center. These channel guides were as shown in detail 2 "Windlock Channel Guide" of the manufacturers supplied drawings. The left guide fastenings were secured through the 1-1/2" x 1-1/2" angle typically used for concrete installations. The right channel guide did not include this feature (the 1-1/2" x 1-1/2" angle) and the fastenings were secured through the center of the 1" protruding flange as shown detail 2. The door's bottom bar was as shown in detail 5 "Bottom Stiffener & Angle (Type B)" in the manufacturers drawings. Before testing this door was fully functional.

CONSTRUCTION TESTING CORPORATION
13873 N.W. 19th Ave. Miami, Florida 33054
Phone: (305) 685-6657 Fax: (305) 685-6659

Static Wind Loading / Manner of Testing:

Loads applied to the specimen (10 seconds durations in loading cycles greater than 40 seconds) were at levels specified by the client's Consulting Engineer. Polyethylene film (2 mil) and tape were used to seal air leakage during loads. The film and tape were used in a manner that did not influence the results. Deflection gauges were mounted at each jamb to record deflections along the center line of the door. The deflection readings are as follows:

		Left		Center		Right		Net @ Center Line		
Load	Load	Delta	Delta	Delta	Delta	Delta	Delta	Delta	Delta	Percent
PSF	In. H2O	@ Load	@ Rec'y	@ Load	@ Rec'y	@ Load	@ Rec'y	@ Load	@ Rec'y	Recovery
0.0	0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	NA
15.6	3.0	0.500	0.063	11.438	0.188	0.500	0.016	10.938	0.148	98.6
20.8	4.0	0.531	0.063	12.063	0.125	0.516	0.156	11.539	0.016	99.9
26.0	5.0	0.531	0.031	13.000	0.063	0.563	0.031	12.453	0.031	99.7
30.2	6.0	0.563	0.031	13.750	0.125	0.625	0.063	13.156	0.078	99.4
38.5	7.4	0.625	0.125	14.938	0.313	0.750	0.063	14.250	0.219	98.5
45.5	8.8	0.688	0.156	16.250	0.750	0.875	0.063	15.469	0.641	95.9
52.5	10.1	NR	NR	NR	NR	NR	NR	NR	NR	NR

As loading was initiated it momentarily rose to approximately 55 PSF then immediately reduced to the desired level.

The correct load was held for approximately 4 seconds when the windlocks failed at the center of the right jamb.

SUMMARY

One roll down door specimen manufactured by DBCI was wind loaded in accordance with **ASTM E-330** under the supervision of the clients consulting engineer. Loads were chosen to prove the adequacy of the product to sustain a design load of 25.5 PSF. In fact the sustained test load of 45.5 PSF proved the product to a design load of 30.3 PSF.

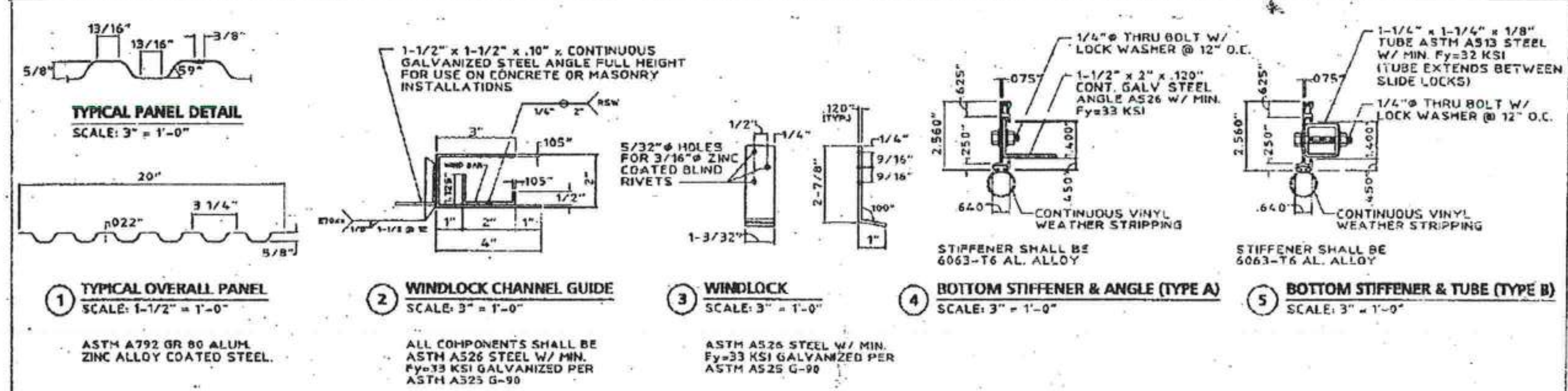
Respectfully submitted,

CONSTRUCTION TESTING CORPORATION.
(Dade County Certification # 95-0419.02)

Report by George Doudar 8-23-95

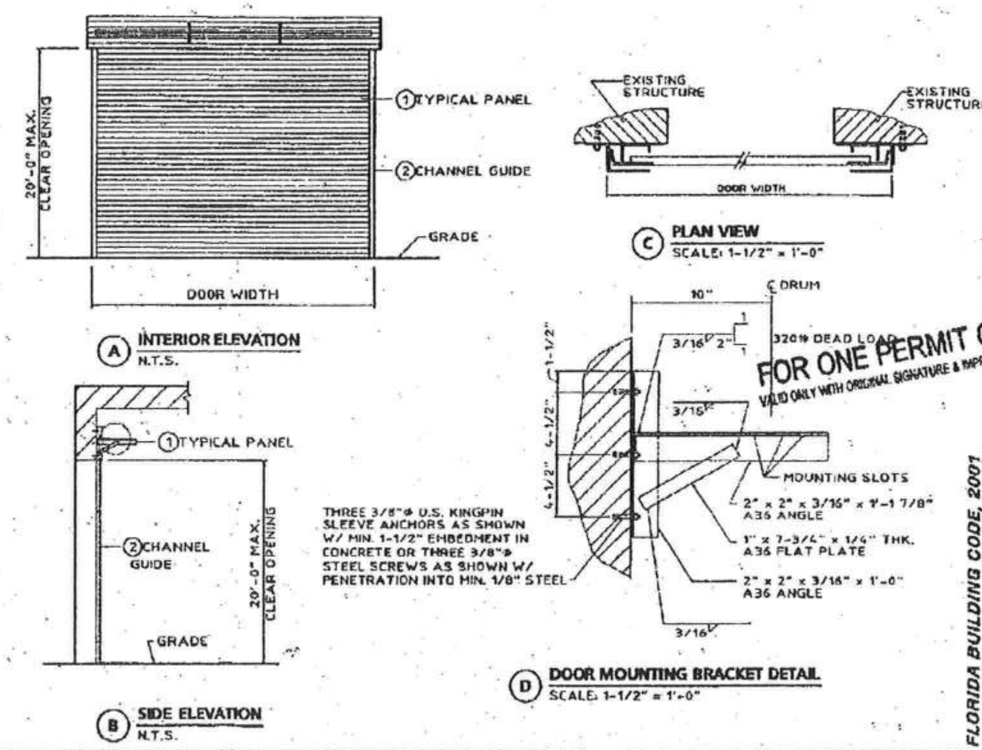
Test witnessed & report reviewed by John W. Knezevich, P.E.

Reports pertain to the samples tested only and may not be reproduced without permission.
CTC95029 : 23 August 1995 : Page 2 of 2



GENERAL NOTES:

1. THESE PRODUCT EVALUATION DOCUMENTS REPRESENT A ROLL-UP DOOR DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2001.
2. THIS ROLL-UP DOOR HAS BEEN SUCCESSFULLY TESTED IN ACCORDANCE WITH ASTM E330 TO SAFELY RESIST A POSITIVE OR NEGATIVE WIND LOAD AS NOTED IN THE DOOR SCHEDULE. A TEST LOAD OF 1.5 x DESIGN LOAD HAS BEEN USED.
3. POSITIVE AND NEGATIVE DESIGN LOAD CALCULATIONS SHALL BE PERFORMED FOR SPECIFIC JOBS IN ACCORDANCE WITH ASCE 7-98 "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES", USING A DIRECTIONALITY FACTOR Kd = 1.0 AND THE FLORIDA BUILDING CODE 2001 GOVERNING WIND VELOCITY TO DETERMINE THE DESIGN LOAD TO USE WHEN REFERENCING THESE DOCUMENTS. A 4/3 ALLOWABLE STRESS INCREASE HAS BEEN USED IN THE DESIGN OF THIS PRODUCT.
4. THESE PRODUCT EVALUATION DOCUMENTS ARE PREPARED BY THE PRODUCT ENGINEER AND ARE GENERIC. THEY DO NOT INCLUDE INFORMATION PREPARED FOR A SPECIFIC SITE.
5. THESE PRODUCT EVALUATION DOCUMENTS ARE NOT VALID FOR PERMIT WITHOUT ORIGINAL SIGNATURE, DATE & EMBOSSED SEAL ON EACH PERMIT COPY. THIS ORIGINAL SIGNATURE AND SEAL REQUIREMENT IS APPLICABLE WHETHER OR NOT A MASTER APPROVAL DOCUMENT IS ON FILE WITH A MUNICIPALITY OR OTHER GOVERNMENTAL AGENCY.
6. THESE PRODUCT EVALUATION DOCUMENTS ARE SUITABLE TO BE APPLIED BY THE CONTRACTOR PROVIDED THE CONTRACTOR DOES NOT DEVIATE FROM THE CONDITIONS DETAILED HEREIN AND THE CONTRACTOR VERIFIES THE EXISTING STRUCTURE IS CAPABLE OF SUPPORTING THE LOADS.
7. ALTERATIONS OR ADDITIONS TO THIS DOCUMENT ARE NOT PERMITTED.
8. WHERE THE CONTRACTOR OR THE BUILDING OFFICIAL REQUIRES DOCUMENTS FOR SITE SPECIFIC APPLICATION, THESE DOCUMENTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT FOR SAID APPLICATION.
9. WHEN THE SITE CONDITIONS DEVIATE FROM THESE PRODUCT EVALUATION DOCUMENTS, SITE SPECIFIC DOCUMENTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT. IF THE DEVIATING SITE SPECIFIC DOCUMENTS ARE PREPARED BY A DELEGATED FLORIDA REGISTERED ENGINEER OR ARCHITECT, SAID DOCUMENTS SHALL BEAR THE DATE, SIGNATURE, AND EMBOSSED SEAL OF THE DELEGATED ENGINEER OR ARCHITECT AND SHALL BE SUBMITTED TO THE PRODUCT ENGINEER FOR REVIEW.
10. **DESIGN BASED ON CONSTRUCTION TESTING CORPORATION (C.T.C.) TEST REPORT No's. 95-028, AND 95-029.**
11. SUPERIMPOSED LOADS ON THE JAMBS FROM THIS DOOR ARE DESIGNATED AS Vx AND Vy HEREIN. CONTRACTORS SHALL HAVE BUILDING ENGINEER VERIFY ADEQUACY OF BUILDING STRUCTURE TO RESIST SUPERIMPOSED LOADS Vx, Vy AND BRACKET LOADS SHOWN.
12. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH AWS SPECIFICATIONS, LATEST EDITION. ALL WELDING ELECTRODES SHALL CONFORM TO AWS A5.1 GRADE E-70.
13. DOORS SHALL BE PROVIDED WITH SLIDE LOCK MECHANISMS AT EACH SIDE OF BOTTOM OF DOOR ENGAGING CHANNEL GUIDES IN THE LOCKED POSITION.



FOR ONE PERMIT ONLY
VALID ONLY WITH ORIGINAL SIGNATURE & IMPRESSION SEAL
APR 08 2002

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CONSULTING ENGINEERS · PRODUCT TESTING
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ROLL - UP DOOR

V.J. KNEZEVICH

FLORIDA BUILDING CODE, 2001

date	04/04/2002
scale AS NOTED	drawn by MCH
design by JAP	checked by VJK
drawing no.	02-292
sheet 1 of 2	

Print Information: J:\CADD\Cadd02\DBCI\02-292\R0-sub\02-292-01.dwg MCantu. 04/04/2002 04:05:54pm

04/04/02 09:32

Ceco Door Products

Dade County Notice of Acceptance (NOA)

Door Model	Door Style	Max. Width	Max. Height	Door Swing	Door Face Gage	Frame Gage	Design Load (PSF)	NOA Repor
Regent Omega	Flush	30	70	Single Outswing	18	16	+85/-60	# 03-0411-01
Regent Omega Imperial VersaDoor	Flush Embossed (6 panel)	30	70	Single Outswing	16	16	+70/-70	# 01-0531-01
Regent Omega Imperial VersaDoor	Flush Embossed (6 panel)	30	70	Single Inswing	16	16	+70/-70	# 02-0807-04
Regent Omega	Flush	40	70	Single Outswing	18	16	+52/-45	# 03-0411-02
Medallion	Flush	60	70	Pair Outswing	18	16	+45/-45 (Cyl x SB) +45/-40 (VR x VR)	# 03-0411-03

Test Reports are in Adobe Portable Document (.pdf) file format and require the Adobe Acrobat reader to view and

print.. You may download the newest version of the ***free*** Adobe Acrobat Reader by clicking on the icon below.

<< *Click on the icon to download the Adobe reader*

Back to Products Page

Ceco Door Products

Ceco Performance and Conformance Standards

PERFORMANCE TESTING

Physical Endurance

Measures a door assembly's ability to resist deterioration resulting from expected usage.

The Test consists of two parts:

- **Swing Test** - (ANSI A250.4-94) Door - (ANSI A250.5-94) Door is open and closed a prescribed number of times. *Refer to Fig. #1*
- **Twist Test** - (ANSI A250.4-94) Door Periodically throughout the Swing Test, a 300 lb. load is applied to one of the door's corners to

Fig. #1

ANSI A-250.4 & 5 - Performance

DOOR FACE SHEET	MINIMUM THICKNESS		Cycles				
the following table is in thousands of cycles							
MSG (gage)	**IP (")**	**SI (mm)**	**250**	**500**	**1,000**	**2,000**	**4,000**
20	.032	0.8	*	*			
18	.042	1.0	*	*	*	*	
16	.053	1.3	*	*	*	*	*
14	067	1.7	*	*	*		

gauge the door's ability to resist permanent deflection.

Structural Performance

Measures a door assembly's ability to resist static loads similar to those caused by high winds.

- **Test** - ASTM E330-90, "Structural Performance by Uniform Static Air Pressure Difference" Doors were mounted with Mortise lock and 4.5" x .134" butt hinges. *Refer to Fig. #2*

Fig. #2

ASTM E330-90 Structural Performance

Static Loads - PSF					
		3'0" x 7'0" (Max. Size)		4"0" x 8'0" (Max. Size)	
DOOR DESIGN	**FACE SHEET GAGE**	**Inswing**	**Outswing**	**Inswing**	**Outswing**
Regent Door	20	110	110	-	-
	18	110	110	60	75
	16	110	110	75	75
	14	-	-	-	-
Imperial Door	20	110	110	-	-
	18	110	110	75	75
	16	110	110	-	-
	14	110	110	-	-
Medallion Door	18	110	110	75	75
	16	110	110	-	-
	14	110	110	-	-

Security

Measures a door assembly's ability to resist, delay, and frustrate certain burglar attacks. "Attacks" as defined by the NILECJ standard.

Test - ASTM F476

HIGH SECURITY LEVEL

Ceco Door assemblies conform to Classification Grade 40. Grade 40 is the highest rating available under this ASTM test method and is **suitable for use in commercial buildings in high crime areas with a high incidence of semi-skilled burglary attacks.**

Conformance Standards

Conformance to National and Internationally Accepted Specifications and Standards.

When properly specified, Ceco doors and frames will conform to the document requirements of the nationally recognized agencies listed below; the list is not all inclusive.

04-01M Section 08110: Veterans Administration Master Specification

ANSI A117.1 Accessible and Usable Buildings and Facilities.

ANSI A250.8-98: Recommended Specs. Standard Steel Doors and Frames, SDI.

ANSI/NAAMM HMMA861: Commercial Hollow Metal Doors and frames

ANSI/NAAMM HMMA863: Guide Specification for Detention Security Hollow Metal Doors and Frames

ANSI/NAAMM HMMA865: Guide Specifications for Swinging Control Doors and Frames

ANSI/NAAMM HMMA866: Guide Specifications for Stainless Streel Hollow Metal Doors and Frames

ANSI A115: Standard Specs. For Door and Frame Hardware Preparation.

ANSI A156.7: Standard Template Hinge Dimension.

ANSI/NFPA 101: Life Safety Code

ANSI/NFPA 105: Installation of Smoke and Draft Control Assemblies.

ANSI/NFPA 80: Fire Doors and Windows.

ANSI/NFPA 252: Standard Methods of Tests of Door Assemblies.

ANSI/NFPA 257: Fire test of Window Assemblies.

BS 476 Part 22-'87: Fire test on Bldg. Mtls. and Structures (British)

CEGS-08110: Steel Doors and Frames — Corps of Engineers Guide Specification

CFR Title 46: US Coast Guard Requirement.

FEMA 320: Taking Shelter from the Storm: Building a Safe Room Inside Your House

FEMA 361: Design and Construction Guidance for Community Shelters

H-08-1, 0810 Hollow Steel Doors and Frames Master Guide Spec. VA.

HMMA810: Hollow Metal Doors, NAAMM.

HMMA820: Hollow Metal Frames, NAAMM.

HMMA860: Hollow Metal Doors and Frames, NAAMM.

International Building Code (IBC)

NBR 11742: Fire Test of Door Assemblies (Brazil)

NCH 935 / 2.0: Fire Test of Door Assemblies (Chile)

South Florida Building Code, 1994 Edition.

SS 332: Fire Test of Door Assemblies (Singapore)

UBC 7-2: Fire test of Door Assemblies under Positive Pressure.

UBC 7-4: Fire test of Window Assemblies under Positive Pressure.

UFGS-08110: Steel Doors and Frames United Facilities Guide Specification

UL9: Fire test of Window Assemblies.

UL10B: Fire test of Door Assemblies

UL10C: Standard for Positive Pressure Fire Tests of Door Assemblies

UL305: Standard for Panic Hardware.

UL752: Bullet Resistant Equipment.

UL1784: Air Leakage Tests of Door Assemblies

Ceco Door Products

UBC 7-2 (1997) Positive Pressure Fire Testing

. . . look for Ceco's new seal of assurance on all Ceco products that meet the Positive Pressure test.

Look for this Seal of Assurance throughout our website and advertising. It's your assurance that the doors you specify meet the Uniform Building Code Model for Positive Pressure.

Compliance Certificates

ISO 9001 CERTIFICATION

Updated August, 2003

Back to Products Page

Ceco Door Products

PRODUCT DATA AND SPECIFICATIONS

TESTING AND CONFORMANCE:

PRODUCT NAME:
HOLLOW STEEL DOORS AND FRAMES

MANUFACTURER:
Ceco Door Products
9159 Telecom Drive
Milan, TN 38358

INDUSTRY ASSOCIATIONS:
DHI – Door and Hardware Institute
SDI – Steel Door Institute
NAAMM - National Association of Architectural Metal Manufacturers, HMMA Division
CSDMA – Canadian Steel Door Manufacturers Association
CSI – Construction Specifications Institute
BOCA – Building Officials and Code Administrators
SBCCI – Southern Building Code Congress International
ICBO – International Conference of Building Officials
NFPA – National Fire Protection Agency
ASTM – American Society for Testing and Materials
ISO - International Standards Organization

CONFORMANCE STANDARDS:
ANSI A115 – Standard Specs for Door and Frame Hardware Preparation
ANSI A156.7 – Standard Template Hinge Dimensions
ANSI A250.10 - Prime Paint Performance Testing
ANSI 250.3 – Finish Paint Performance Testing
ASTM E330-90 – Structural Performance by Uniform Static Air Pressure Difference
ASTM F476-76 - Security Test of ability to resist attacks as defined by the NILECJ standard
ASHRAE Standard 90P – Energy Conservation in New Building Design, Section 4
CABO/ANSI A117.1 Accessible and Usable Buildings and Facilities
SFBC 3603.02 – Forced Entry Resistance
SFBC PA 201-94 – Large Missile Impact Test
SFBD PA 203-94 – Cyclic Wind Pressure Test
SFBC PA 202-94 - Air Infiltration, Uniform Static Pressure, Water Resistance, Forced Entry – per ASCE 7-88
UL1784 - Air Leakage Tests of Door Assemblies
UL752 - Bullet Resistant Equipment
UL305 – Standard for Panic Hardware

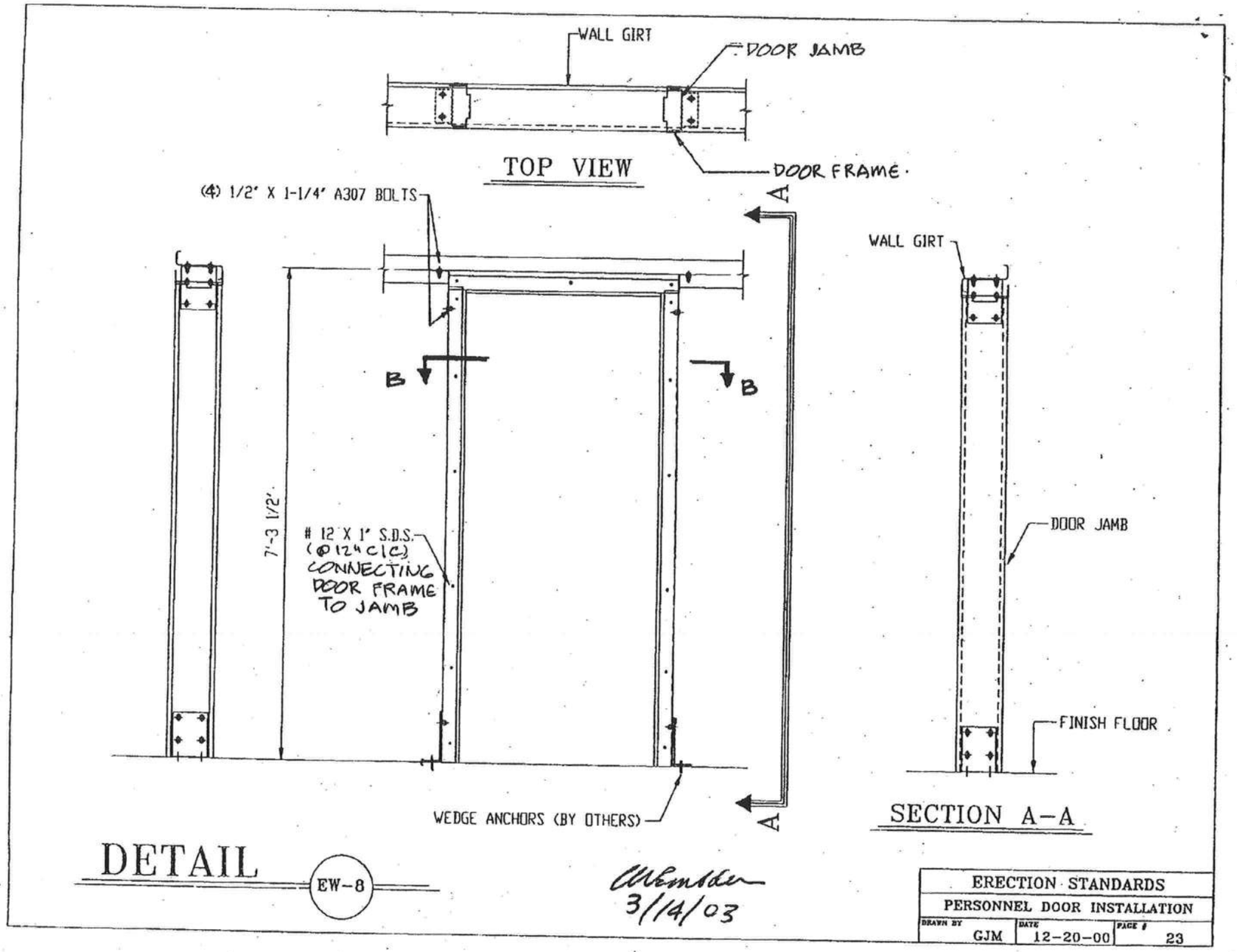
INDUSTRY SPECIFICATIONS:
ANSI A250.8-98 / SDI 100 – Recommended Specifications for Standard Steel Doors and Frames
NAAMM -MMA 860 – Guide Specifications for Hollow Metal Doors and Frames
NAAMM -HMMA 861 – Guide Specifications for Commercial Hollow Metal Doors and Frames
CSDMA –08100 - Specifications for Commercial Steel Doors and Frames
ANSI A250.4-94 – Door Physical Endurance Test: deterioration from use – swing and twist
ANSI A250.5-94 - Frame Physical Endurance Test: deterioration from use – swing

QUALITY STANDARD:
ISO 9001 - Quality Management System

FIRE DOOR TESTING and CERTIFICATION AGENCIES:
UL – Underwriters Laboratories
WH – Intertek Testing Services (Warnock Hersey)
FM – Factory Mutual
LPC – Loss Prevention Council
Warrington Fire Research
ANSI / NFPA 101 – Life Safety Code
ANSI / NFPA 105 – Installation of Smoke and Draft Control Assemblies
ANSI / NFPA 80 – Installation Standard for Fire Doors & Windows

FIRE TEST PROTOCOLS:
UL9 – Fire test of Window Assemblies
UL10B – Fire Test of Door Assemblies
UL10C – Fire Test of Door Assemblies under Positive Pressure
ANSI / NFPA 252 – Fire Test of Door Assemblies
ANSI / NFPA 257 – Fire Test of Window Assemblies
BS476 Part 20 – (British) Fire Resistance of Elements of Construction Materials
BS476 Part 22 – (British) Fire Test on Building Materials and Structures
UBC 7-2 – Fire Test of Door Assemblies under Positive Pressure
UBC 7-4 – Fire Test of Window Assemblies under Positive Pressure
NBR 11742 – (Brazil) Door Units to Prevent Fire
NCh 935/2 – (Chile) Prevention of Fire in Buildings
SS 332 – (Singapore) Specifications for Fire Doors

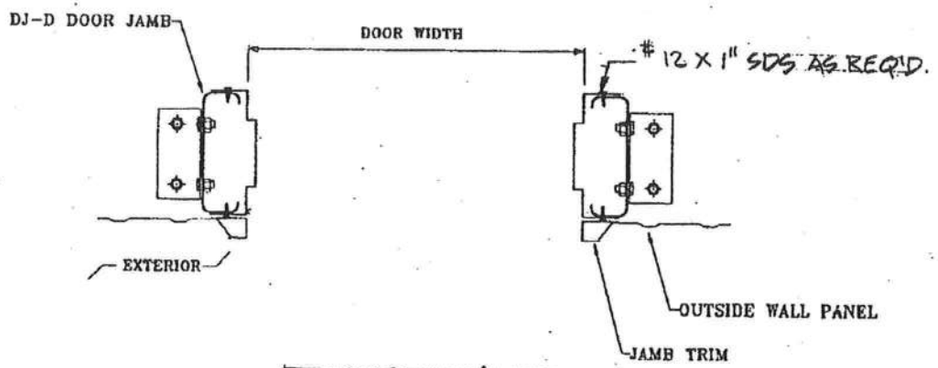
PRODUCT INFORMATION:
Sweets – General Building & Renovation Catalog File
Sweets – Product News
Sweets – Directory
Arcat – Architectural Catalog File
Architectural Tech Data Binder
Contact local Ceco Territory Manager
Web Page – www.cecodoor.com



DETAIL EW-8

3/14/03

ERECTION STANDARDS		
PERSONNEL DOOR INSTALLATION		
DRAWN BY: GJM	DATE: 12-20-00	PAGE #: 23



SECTION B-B

3/14/03

ERECTION STANDARDS		
PERSONNEL DOOR INSTALLATION		
DRAWN BY: GJM	DATE: 12-20-00	PAGE #: 23

CAL-TECH TESTING, INC.
ENGINEERING & TESTING
LABORATORY
P.O. Box 1625 • Lake City, FL 32056 • (386) 755-3633 • Fax (386) 752-5456

1655 Acme Street • Orlando, FL 32805
PH (407) 872-7690 • FAX (407) 872-7659

6919 Distribution Avenue S., Unit #5
Jacksonville, FL 32257
(904) 262-4046 • FAX (904) 262-4047

REPORT OF DAILY CONSTRUCTION TESTING AND MONITORING

Client Stephen Douglas
Project Baya Mini storage Exp phase III
Contractor S.A.C

Date 3-10-05
Job. No 04-372
Technician CAllen

WORK ORDER:

☑ DENSITY
Spec's:
Test No.: 1-15
Inches: 12"

☐ CONCRETE — Set No.
☐ Cylinders
☐ Beams
☐ Prisms
☐ Pick-Up

☑ Pick-Up Proctor 07307
☐ Pick-Up LBR

DESCRIPTION OF DAYS ACTIVITIES:

performed F.D.T's no: 1-15
picked up proctor sample #1

Time Out: 1:30P
Time In: 3:00P

FDT's Performed 1-15
Cyls Cast/Cal-Tech
Cyls Cast/Client
Beams Cast/Cal-Tech:

Weather: clear/sunny
Hours Worked: 1.0
Other Tests:

Hours Travel: .5
Miles Travel:
Hours Standby:
Hours O.T.:

Clay Hall
FIELD REPRESENTATIVE

CLIENT REPRESENTATIVE

Cal-Tech Testing, Inc.
• Engineering
• Geotechnical
• Environmental
Laboratories

P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456
6919 Distribution Ave. S., Unit #5, Jacksonville, FL 32257 • Tel(904)262-4046 • Fax(904)4047

JOB NO.: 04-372
DATE TESTED: 3/10/2005
DATE REPORTED: 3/17/2005

REPORT OF IN-PLACE DENSITY TEST

PROJECT:	Baya Mini Storage Expansion, Phase III, East Baya Site, Lake City, Florida
CLIENT:	Stephen Douglas, 442 SW St. Margarets St., Lake City, FL 32025
GENERAL CONTRACTOR:	Stephen Douglas
EARTHWORK CONTRACTOR:	Stephen Douglas
INSPECTOR:	Clay Allen

ASTM METHOD: (D-2922) Nuclear

SOIL USE: BUILDING FILL

SPECIFICATION REQUIREMENTS: 95%

TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft^3)	MOISTURE PERCENT	DRY DENSITY (lb/ft^3)	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
	Building 3 (PAD)							
1	16 ' NE from SW Corner	0 - 12"	113.6	6.5	106.7	1	111.9	95.3%
2	43' NW from SE Corner	0 - 12"	114.7	6.1	108.1	1	111.9	96.6%
3	18' SW form NE Corner	0 - 12"	116.9	6.2	110.1	1	111.9	98.4%
	Building 2 (PAD)							
4	23' N x 15' E from SW Corner	0 - 12"	114.8	5.3	109.0	1	111.9	97.4%
5	57' N x 8' E from SW Corner	0 - 12"	113.4	5.5	107.5	1	111.9	96.1%
6	96' N x 22' E from SW Corner	0 - 12"	116.3	5.6	110.1	1	111.9	98.4%
7	129' N x 7' E from SW Corner	0 - 12"	117.1	4.6	112.0	1	111.9	100.0%
8	159' N x 24' E from SW Corner	0 - 12"	113.9	6.6	106.8	1	111.9	95.5%
9	199' N x 15' E from SW Corner	0 - 12"	114.7	6.2	108.0	1	111.9	96.5%
	Building 3 (PAD)							
10	25' S x 15' E from NW Corner	0 - 12"	118.2	5.3	112.3	1	111.9	100.3%
11	65' S x 23' E from Nw Corner	0 - 12"	118.0	5.8	111.5	1	111.9	99.7%
12	105' S x 15' E from NW Corner	0 - 12"	118.2	5.9	111.6	1	111.9	99.7%
13	135' S x 8' E from NW Corner	0 - 12"	117.7	6.1	110.9	1	111.9	99.1%
14	160' S x 26' E from NW Corner	0 - 12"	116.4	4.9	111.0	1	111.9	99.2%
15	200' S x 5' E from NW Corner	0 - 12"	115.6	5.4	109.7	1	111.9	98.0%

REMARKS: The Above Tests Meet Specification Requirements.

PROCTORS

TEST NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft^3)	OPT. MOIST.	TYPE
1	Gray Silty Sand	111.9	11.1	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Linda Creamer

Linda M. Creamer
President - CEO
sr/ta

Reviewed By:

John C. Dorman

John C. Dorman, P.E., PhD
Florida Registration No.: 52612
Date: 3/18/05

1cc: Client
1cc: File

Cal-Tech Testing, Inc.

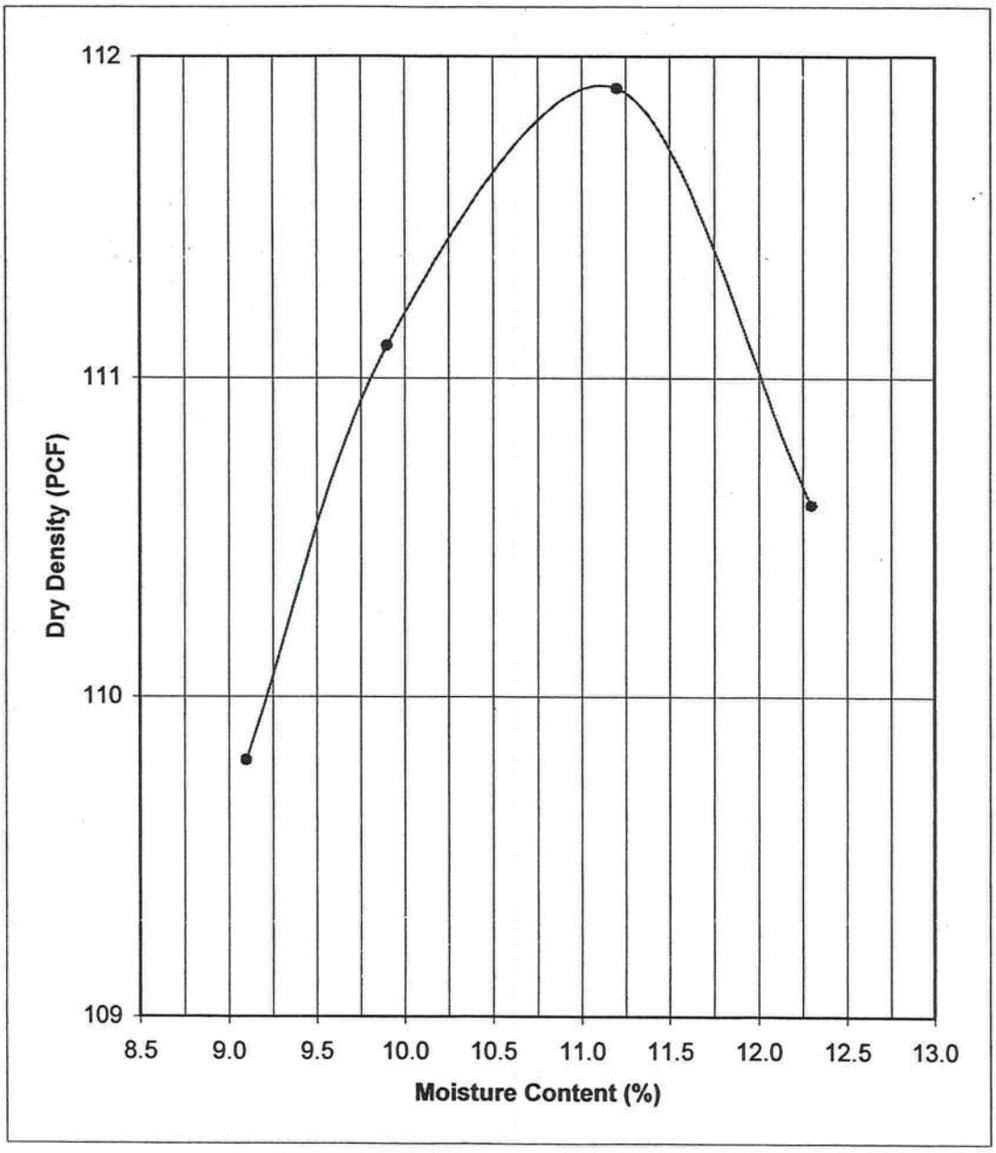
• Engineering
• Geotechnical
• Environmental
Laboratories

P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456
6919 Distribution Ave. S., Unit #5, Jacksonville, FL 32257 • Tel(904)262-4046 • Fax(904)4047

REPORT OF LABORATORY COMPACTION TEST

Client: Stephen Douglas, 442 SW St. Margarets St., Lake City, FL 32025
Project Name: Baya Mini Storage Expansion, Phase III, East Baya Site, Lake City, Florida
Project Location: Lake City, Florida
Contractor: Stephen Douglas

File No: 04-372
Date: 3/17/2005
Lab No: 7307



PROCTOR DATA

Proctor No.: 1

Modified Proctor (ASTM D-1557) ☑

Standard Proctor (ASTM D-698) ☐

Maximum Dry Dens. Pcf: 111.9

Optimum Moisture Percent: 11.1

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.

Sample Description: Gray Silty Sand
Sample Location: Center of Slab 1, 2, 3
Proposed Use: Building Fill
Sampled By: Clay Allen **Date:** 3/10/2005
Tested By: Lauren Newbern **Date:** 3/16/2005
Remarks: 1cc: Client
1cc: File

Linda Creamer
Linda M. Creamer
President - CEO
Reviewed By:
Date: 3/18/05
FL Registration No: 52612

sr

Baya. Phase III

VULCAN STORAGE SYSTEMS
190 E. COLQUITT ST-P.O. BOX 649
SPARKS, GA. 31647

DATE: 9/22/05

MINI STORAGE & RECORD STORAGE "T"
Re: JOB NO. 15128-3(MINI GABLED)
BUILDING SIZE:
WIDTH : 30 ft.
LENGTH : 235 ft.
EAVE HT : 10 ft.
JOBSITE : LAKE CITY, FL.
To Whom It May Concern:

This is to certify that the above referenced building is designed in accordance with the order documentation, the Ninth Edition of the American Institute of Steel Construction (AISC) "Manual of Steel Construction" and the 1986 Edition of American Iron and Steel Institute (AISI) " Cold Formed Steel Design Manual. "The basic loads of the subject building meet or exceed the minimum county climatic data as published in the 1996 edition of the MBMA " Low Rise Building Systems Manual ".

The criteria for application of design loads are follows
Governing Code : FBC 2004

Roof Live Load : 20 psf
Frame Live Load : 20 psf
Roof Dead Load : 2 psf plus wt. of metal bldg structure
Collateral Load : 0 psf
Wind Load :120 mph 3-sec Gusts
Enclosure Type : Closed
Wind Exp. Cat : B
Wind Imp. Factor: .87

Ground Snow Load : 0 psf
Roof Snow Load : 0 psf
Snow Exp. Fac. : 1.0
Snow Imp. Factor : .80
Seismic Coef SDS : .08
Seismic Coef SDI : .04
Seismic Imp. Factor 1.0

This Letter of Certification applies solely to the building and its component parts as furnished by the Metal Building Manufacturer. Doors, windows and louvers are not structural components of the building. It is the responsibility of the owner to determine if wind lock accessories are supplied if required. Certification specifically excludes any foundation, masonry, or general contract work.

Sincerely,
Charles W. Embden
CHARLES W. EMBDEN, P.E.
is

10/6/05