

DATE 11/03/2005

Columbia County Building Permit

PERMIT 000023806

This Permit Expires One Year From the Date of Issue

APPLICANT CHARESE NORTON

PHONE 386.752.3331

ADDRESS 3367

S US HWY 441, SUITE 101

LAKE CITY

FL

32025

OWNER

VERNDAL RENTALS(NORTON HOME IMP)

PHONE 386.752.3331

LAKE CITY

FL

32025

ADDRESS 3325

S US HWY 441

LAKE CITY

FL

32025

CONTRACTOR

JAMES H. NORTON

PHONE 386.752.3331

441-S TO WHERE 4 LANE GOES TO A 2 LANE ON THE L NEXT TO

LOCATION OF PROPERTY

NORTON'S HOME IMP. OFFICE.

TYPE DEVELOPMENT

COMMERCIAL BLDG

ESTIMATED COST OF CONSTRUCTION

2000000.00

HEATED FLOOR AREA

TOTAL AREA 4456.00

HEIGHT

22.00

STORIES 1

FOUNDATION

CONC

WALLS STEEL

ROOF PITCH

2/12

MAX. HEIGHT

35

LAND USE & ZONING

CG

Minimum Set Back Requirements:

STREET-FRONT

20.00

REAR

15.00

SIDE

5.00

NO. EX.D.U.

0

FLOOD ZONE

X

DEVELOPMENT PERMIT NO.

PARCEL ID

17-4S-17-08435-000

SUBDIVISION

OAKWOOD

LOT

BLOCK D

PHASE

UNIT

TOTAL ACRES 1.13

Culvert Permit No.

Culvert Waiver

RB0031780

Contractor's License Number

BLK

LU & Zoning checked by

JTH

Approved for Issuance

N

New Resident

Driveaway Connection

COMMENTS: SDP 05-5. PREVENTATIVE TREATMENT REPORT REC'D 11/03/2005.

NOC ON FILE. AS PER NEIL MILES, DRIVEWAY ACCESS MEETS APPROVAL. 11/3/05

Check # or Cash

20822

FOR BUILDING & ZONING DEPARTMENT ONLY

Temporary Power

Foundation

Monolithic

(Footer/Slab)

Under slab rough-in plumbing

Slab

Sheathing/Nailing

date/app. by

Framing

date/app. by

Electrical rough-in

date/app. by

Heat & Air Duct

date/app. by

C.O. Final

date/app. by

Culvert

date/app. by

M/H tie downs, blocking, electricity and plumbing

date/app. by

Pump pole

date/app. by

Utility Pole

date/app. by

Re-roof

M/H Pole

date/app. by

Reconnection

date/app. by

Travel Trailer

date/app. by

CLERKS OFFICE

INSPECTORS OFFICE

FLOOD DEVELOPMENT FEE \$

FLOOD ZONE FEE \$ 25.00

CULVERT FEE \$

TOTAL FEE 1119.56

MISC. FEES \$

.00

ZONING CERT. FEE \$

50.00

FIRE FEE \$

.00

WASTE FEE \$

SURCHARGE FEE \$ 22.28

CERTIFICATION FEE \$

22.28

This Permit Must Be Prominently Posted on Premises During Construction

"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."

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.

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 INCONVENIENCE. 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.

Columbia County Building Permit Application

Revised 9-23-04

Call 397-6723

For Office Use Only	Application #	Date Received	By	Permit #
	0510-69	10/24/05	JH	23806
Application Approved by - Zoning Official	BLK	Date	Plans Examiner	Date
		3.11.05	OK JH	11-2-05
Flood Zone	X	Development Permit	N/A	Zoning
				CG
Comments	SOF 05-5			

Applicants Name	James H. Norton	Phone	386-752-3331
Address	3367 S. US Hwy 44, Ste 101, Lake City, FL 32025		
Owners Name	Vernate Rentals (Norton Home Imp)	Phone	386-752-3331
911 Address	3325 S US Hwy 44, Lake City, FL 32025		
Contractors Name	James H. Norton	Phone	386-752-3331
Address	3367 S US Hwy 44, Ste 101, Lake City, FL 32025		
Fee Simple Owner Name & Address	NONE		
Bonding Co. Name & Address	NONE		
Architect/Engineer Name & Address	Baker, Brian, R.P. Bishop Jr., P.O. Box 3717, Lake City, FL 32051		
Mortgage Lenders Name & Address	NONE		

Circle the correct power company	- FL Power & Light -	- Clay Elec. -	- Suwannee Valley Elec. -	- Progressive Energy
Property ID Number	17-45-17-08435-000			
Subdivision Name	Oakwood Subdivision			
Driving Directions	441 South, where 4 lane goes to 2 lane, on the left next to Norton Home Improvement office			
Type of Construction	Commercial Building			
Number of Existing Dwellings on Property	0			
Total Acreage	1.13 Lot Size			
Actual Distance of Structure from Property Lines - Front	220			
Side	30			
Side	30			
Rear	358			
Total Building Height	22'			
Number of Stories	1			
Heated Floor Area	4456			
Roof Pitch	2/12 4/12			

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 COMMENCEMENT 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)	James H. Norton
STATE OF FLORIDA	
COUNTY OF COLUMBIA	
Sworn to (or affirmed) and subscribed before me	21 day of Oct. 2005
Personally known	or Produced Identification

Notary Signature
Patricia T. Foster
My Commission DD129969
Expires September 05, 2008

Contractor Signature	James H. Norton
Contractors License Number	RB00031780
Competency Card Number	5553
NOTARY STAMP/SEAL	



CAL-TECH TESTING, INC.

ENGINEERING & TESTING
LABORATORY

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
P.O. Box 1625 • Lake City, FL 32056 • (386) 755-3633 • Fax (386) 752-5456

REPORT OF DAILY CONSTRUCTION TESTING AND MONITORING

Client Sim Norton (Norton Home Improvement)
Project Commercial Bldg for Norton Home Imp.
Contractor SAC

Date 10-27-05
Job. No. 05-561
Technician R. Geiger

WORK ORDER:

☐ DENSITY

Specs: 95

Test No.: 1-6

Inches: 12"

DESCRIPTION OF DAYS ACTIVITIES:

☐ CONCRETE
☐ Cylinders
☐ Beams
☐ Prisms
☐ Pick-Up

Set No. _____

☐ Pick-Up Proctor

☐ Pick-Up LBR

TRAVELED FROM LAKE CITY OFFICE TO JOB-SITE. CONDUCTED
#1-6 IN-PLACE DENSITY TEST.

TEST #1 FAILED Specs - TEST #2-6 PASSED Specs.
(92-5)

Contractor notified of test results & will re-work area
before re-test.

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

FDT's Performed 1-6

Cyls Cast/Cal-Tech _____

Cyls Cast/Client _____

Beams Cast/Cal-Tech _____

Other Tests: _____

Hours Worked: 1.00

Weather: Clear/Sunny

Hours Travel: 1.50

Miles Travel: _____

Hours Standby: _____

Hours O.T.: _____

FIELD REPRESENTATIVE

CLIENT REPRESENTATIVE



CAL-TECH TESTING, INC.

ENGINEERING & TESTING
LABORATORY

1655 Acme Street • Orlando, FL 32805
PH (407) 872-7690 • FAX (407) 872-7659
6919 Distribution Avenue S., Unit #5
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(904) 262-4046 • FAX (904) 262-4047
P.O. Box 1625 • Lake City, FL 32056 • (386) 755-3633 • Fax (386) 752-5456

REPORT OF DAILY CONSTRUCTION TESTING AND MONITORING

Client Norfolk Home Inc.
Project Commercial Bldg
Contractor S.A.C.
Date 10-27-85
Job. No. 05-561
Technician Starkley

WORK ORDER:

☒ DENSITY

Specs: 95%

Test No.: 1A, 7-9

Inches: 12"

DESCRIPTION OF DAYS ACTIVITIES:

- ☐ CONCRETE
☐ Cylinders
☐ Beams
☐ Prisms
☐ Pick-Up

Set No. _____

☐ Pick-Up Proctor

☐ Pick-Up LBR

Run Test #1A as a Re-test, Test #1A Passed Spec.
of 95%.
Run test #1's 7-9 in footer, all test passed 95% Spec.

Time Out: 5:00
Time In: 6:00

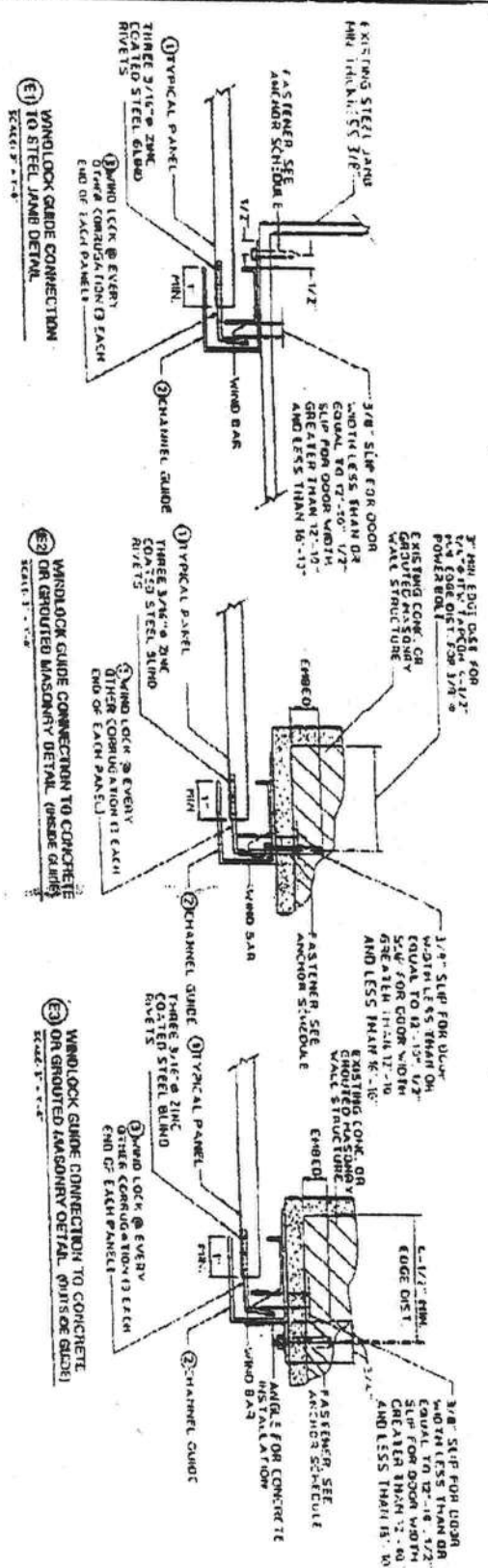
FDT's Performed 4
Cyls Cast/Cal-Tech _____
Cyls Cast/Client _____
Beams Cast/Cal-Tech _____

Weather: _____
Hours Worked: 5
Other Tests: _____

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

FIELD REPRESENTATIVE

CLIENT REPRESENTATIVE

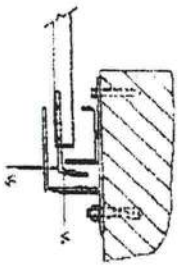


(E1) TO STEEL JAMB DETAIL
SCALE: 1" = 1'-0"

(E2) WINDLOCK GUIDE CONNECTION TO CONCRETE OR GROUTED MASONRY DETAIL (INSIDE GLASS)
SCALE: 1" = 1'-0"

(E3) WINDLOCK GUIDE CONNECTION TO CONCRETE OR GROUTED MASONRY DETAIL (OUTSIDE GLASS)
SCALE: 1" = 1'-0"

DOOR SCHEDULE			ANCHOR SCHEDULE - (FASTENER MAXIMUM SPACING)												
MAX. DESIGN WIND PRESSURE (PSF)	MAX. DESIGN WIND SPEED (MPH)	MAX. DESIGN WIND PRESSURE (PSF)	DETAIL (E1)		DETAIL (E2)		DETAIL (E3)								
			3/8" x 12" U.S. RING-N SLEEVE ANCHOR WITH MINIMUM 2" EMBEDMENT STEEL PLUS A 3/8" x 12" PLAT WASHER	STEEL STRUCTURE	1/2" x 6" POWER BOLT ANCHOR WITH MINIMUM 2" EMBEDMENT	CONCRETE STRUCTURE	1/4" x 10" TAPCON ANCHOR WITH MINIMUM 1-1/2" EMBEDMENT	CONCRETE STRUCTURE	3/8" x 12" U.S. RING-N SLEEVE ANCHOR WITH MINIMUM 1-1/2" EMBEDMENT	CONCRETE STRUCTURE	3/8" x 12" U.S. RING-N SLEEVE ANCHOR WITH MINIMUM 1-1/2" EMBEDMENT	CONCRETE STRUCTURE			
12-16	12-16	12-16	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
17-20	17-20	17-20	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
21-25	21-25	21-25	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
26-30	26-30	26-30	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
31-35	31-35	31-35	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
36-40	36-40	36-40	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
41-45	41-45	41-45	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
46-50	46-50	46-50	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
51-55	51-55	51-55	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
56-60	56-60	56-60	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
61-65	61-65	61-65	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
66-70	66-70	66-70	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
71-75	71-75	71-75	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
76-80	76-80	76-80	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
81-85	81-85	81-85	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
86-90	86-90	86-90	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
91-95	91-95	91-95	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
96-100	96-100	96-100	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"



- ANCHOR NOTES:
1. EMBEDMENT LENGTH DOES NOT INCLUDE STUCCO FINISH
 2. FOR JOISTED MASONRY, ALL ALL CELLS WITHIN 8" OF THE ANCHOR W/ 2500 PSI CONCRETE
 3. ANCHORS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S SPECIFICATIONS

(E) SUPERIMPOSED LOAD DIAGRAM
SCALE: 1" = 1'-0"

STANDARD BUILDING CODE

FOR ONE PER
1/10/10
98-1765

ROLL-UP DOOR
KNEZEVICH & ASSOCIATES, INC.
CONSULTING ENGINEERS - PRODUCT TESTING

1311 LAUREL PARK AVENUE
FARMINGDALE, N.Y. 11735
(516) 336-1100

KNEZEVICH & ASSOCIATES, INC.
CONSULTING ENGINEERS - PRODUCT TESTING
1311 LAUREL PARK AVENUE, SUITE 100, FARMINGDALE, N.Y. 11735
TEL: (516) 336-1100 FAX: (516) 336-1101
WWW.KNEZEVICH.COM E-MAIL: INFO@KNEZEVICH.COM
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2100 Series

260p

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

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 Dozier, 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

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 (mild @ 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 in 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.

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

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

Respectfully submitted,

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.

SUMMARY

The correct load was held for approximately 9 seconds when the windlocks failed at the center of the right jamb. As loading was initiated it momentarily rose to approximately 55 PSF then immediately reduced to the desired level.

[illegible]

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 joint to record deflections along the center line of the door. The deflection readings are as follows:

Static Wind Loading / Manner of Testing:

CONSTRUCTION TESTING CORPORATION
PHONE NO.: 954-382-0889
13873 N.W. 19th Ave., Miami, Florida 33054
Phone: (305) 685-6657 Fax: (305) 685-6659
Date: 08-19-99 02:29 PM

Load was held for 8 seconds at this level when the wind locks failed at the left center jamb.

[illegible]

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:

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

15815 N.W. 19th Ave. Miami, Florida 33054
Phone: (305) 685-6657 Fax: (305) 685-6659

Impact Manner of Testing: In accordance with Dade County Test Protocol PA 201-94 (rev 2) IMPACT TEST PROCEDURE.

This testing was performed as an experiment for the research and development of this product for Dade County Product Approval. One door assembly was tested, this was installed as previously described. It was impacted twice with a 9.0 lb. 2x4 of No. 2 Southern Pine in locations as indicated in the document "Answers to questions most frequently asked about the new impact test" (by Jaime Gascon of DCPQ) and a third time in a location specified by the clients engineer.

Impact Test Results

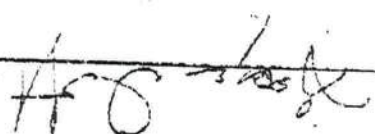
Shot	Impact Location	Impact Coordinates Rt(in), Up(in)	Impact Pressure in Hg	Impact Velocity ft / Sec	Results
1	Right Bottom Corner	140, 12	9.88	49.6	No Penetration
2	Panel center @ Midspan	72, 33.6	10.00	50.2	No Penetration
3	Panel seam @ Midspan	73, 42.6	10.00	49.5	No Penetration

SUMMARY

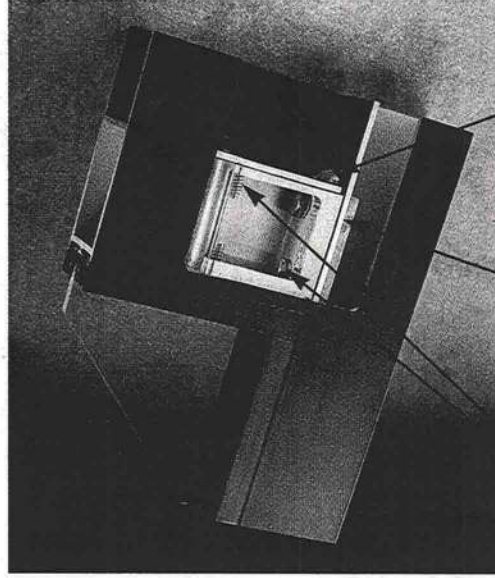
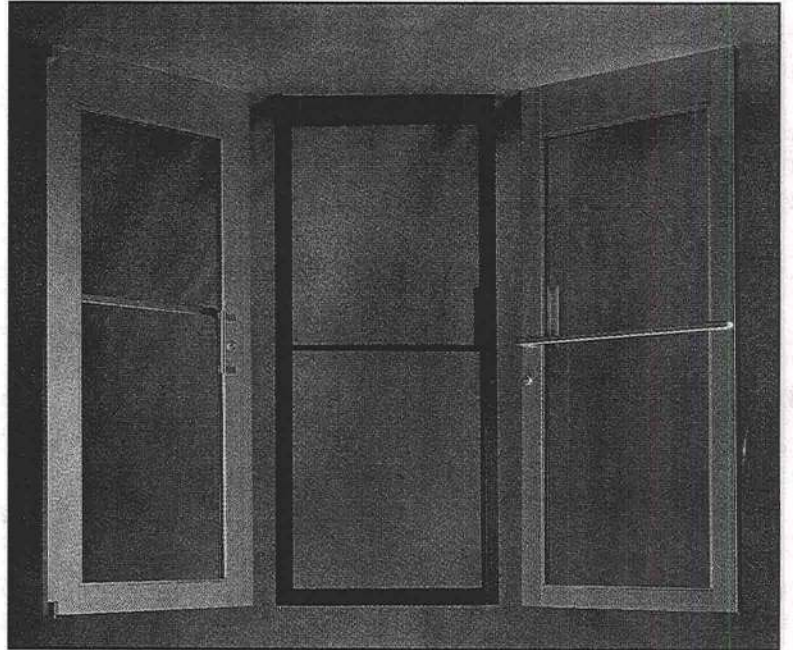
One roll down door specimen manufactured by DBCI was wind loaded in accordance with ASTM E-330 under the supervision of the clients consulting engineer. Loads were chosen to prove the adequacy of the product to sustain a design load of 25.5 PSF. In fact the product sustained a test load of 52.5 PSF adequate to prove a design load of 35 PSF. Following wind loading undamaged portions of the specimen were subjected to three impacts in accordance with Dade County Test Protocol PA 201-94 (rev 2.0). None of these impacts resulted in the penetration of the specimen.

Respectfully submitted,

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

Report by George Dotzler:  8-23-95
Test witnessed & report reviewed by John W. Ruzewicz, P.E. 

Standard Entrances

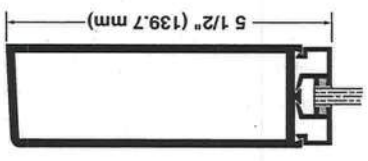


Welded Corner Connection
Heavy Duty Backup Plate
Mechanically Fastened Shear Block

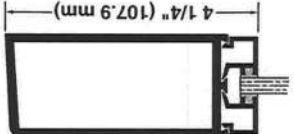
Vistawall offers standard narrow, medium and wide stile entrances to meet a wide range of traffic requirements. All standard Vistawall entrances (3'-0" wide) are ADA compliant and have built-in features that include:

- Maximum security hook bolt locks
- Heavy extruded push/pulls
- Adjustable astragal with dual weathering on pairs of doors
- Mechanically fastened shear blocks and welded corner construction
- Adaptable to virtually all hardware
- 4" to 10" one piece bottom rail options
- Glass stops with bulb gaskets
- 1/4", 3/8", 5/8" and 1" glazing options
- Adaptable to meet local building codes
- Limited lifetime warranty

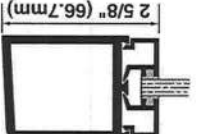
Vistawall entrances are durable and virtually maintenance free. Vistawall also offers a complete line of custom, specialty and all glass entrances. For more information on how Vistawall can meet or exceed your design ideas, call your local sales representative or contact the customer service department in Terrell, Texas.



Series 500 - Wide Stile



Series 375 - Medium Stile



Series 212 - Narrow Stile

Vistawall locations:
Headquarters
P.O. Box 629, Terrell, TX 75160
972-551-6100
www.vistawall.com

- | | | | |
|----------------|-----------------|-------------------|---------------|
| Atlanta, GA | Houston, TX | San Francisco, CA | Denver, CO |
| Chicago, IL | Las Vegas, NV | Newman, GA | Dallas, TX |
| Cincinnati, OH | Los Angeles, CA | Modesto, CA | Cleveland, OH |
| Seattle, WA | St. Louis, MO | Tampa, FL | Terrell, TX |
| Warwick, RI | Washington, DC | | |

212 - 375 - 500 ENTRANCES

Specifications

General

All aluminum entrances shall be Series _____ (212, 375 or 500 — Architect to specify) as shown on the architectural drawings and manufactured by Vistawall Architectural Products. The immediate door frames, sidelights and fixed windows shall be of the same manufacturer. If substitute materials are to be considered they must be supported by technical literature such as drawings and samples no less than ten (10) days prior to bid for proper evaluation.

Materials

All door and framing sections shall be of extruded aluminum alloy and temper to meet or exceed finishing and structural criteria as specified. Door stiles and rails, excluding glass stops, shall be tubular and have .125 wall thickness. All weathering shall be a hardbacked silicone treated polypropylene. Any exposed fasteners shall be aluminum, stainless steel or other non-corrosive material.

Finish

All exposed surfaces shall be free of unsightly scratches and blemishes. The exposed sections shall receive a caustic etch followed by an anodic coating. Color shall be... Enduracolor Bronze or Black with an architectural class anodic coating. Clear finish with an architectural class anodic coating.

Construction and Design

Door stiles and rails shall be accurately joined at corners with heavy concealed reinforcement brackets secured with bolts and screws, and shall be MIG welded. Doors shall have snap-in stops with built glazing vinyl on both sides of the glass. No exposed screws shall be permitted. Each door leaf shall be equipped with an adjusting mechanism located in the top rail near the lock stile which provides for minor clearance adjustments after installation. Weathering shall be installed in the hinge stiles of pairs or single center hung doors. The lock stile of a single center hung door, active meeting stile at a pair of butt hung, offset pivot, or center hung doors shall have an adjustable astragal weatherstrip. Door frame and sidelight framing shall be accurately joined at corners with unexposed screws. All glazing shall be flush,

Cleaning

Upon completion of construction, the general contractor shall be responsible for cleaning all aluminum, employing methods recommended by the manufacturer as follows: Anodized aluminum shall be cleaned with plain water containing a mild detergent, or a petroleum product such as white gasoline, kerosene or distillate. No abrasive agent shall be used.

Erection

All openings shall be prepared plumb and square by others and shall be of sufficient size to provide clearance at jambs, head and sill as shown on the architectural drawings. Installation, glass and glazing shall be performed by experienced technicians according to the manufacturer's recommended procedures. All units shall be securely anchored with all joints fully caulked to insure a water tight seal.

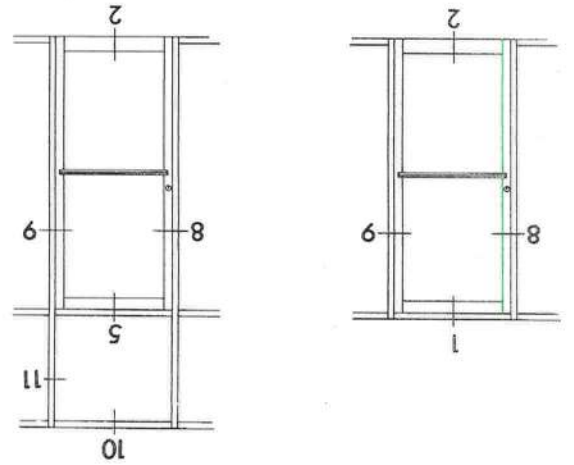
Custom Hardware (Architect may specify)

If hardware items are to be supplied to the door manufacturer by others, templates and physical hardware must be submitted to the door manufacturer prior to fabrication.

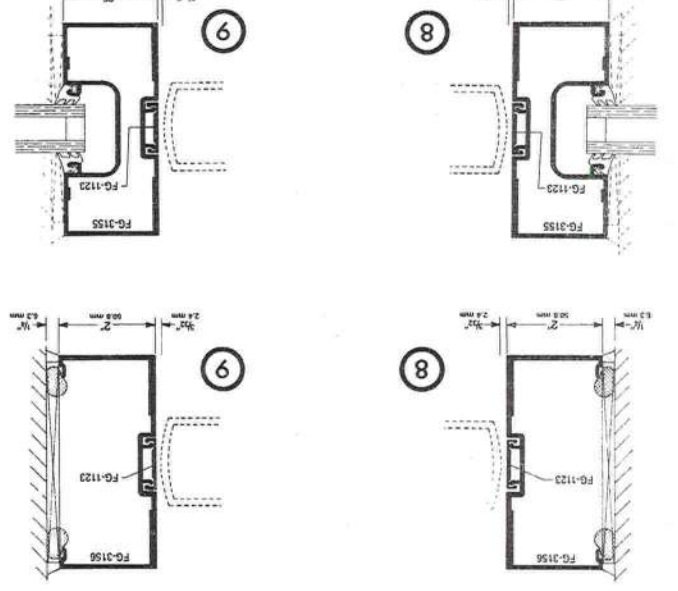
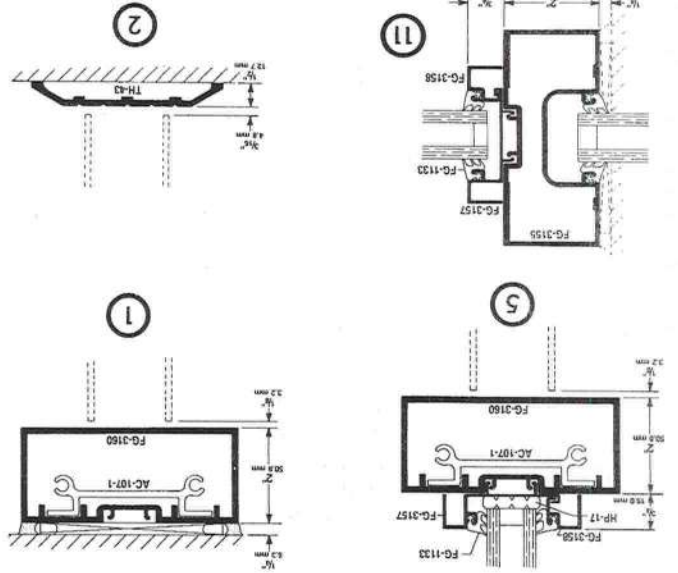
Standard Hardware

All doors shall be equipped with a maximum security hookbolt lock. Pairs of doors shall be equipped with lever type flush bolts in the top and bottom of the inactive meeting stile. Operating hardware shall be butt hinges, offset pivots or center pivots as supplied by the door manufacturer. Closers for butt hung and offset pivoted doors shall be door manufacturer's standard surface closer. Closers for center pivoted doors shall be door manufacturer's standard overhead concealed closers. All butt hung and offset pivoted doors shall have PH-10 pull handle and PB-11 push bar. All center pivoted doors shall have PB-11 push bars on both sides. Bronze finished hardware shall have an integral accent strip. (see VIP section for VIP specification).

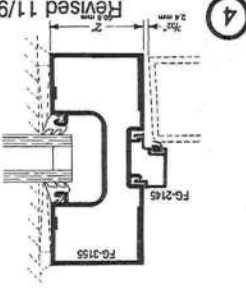
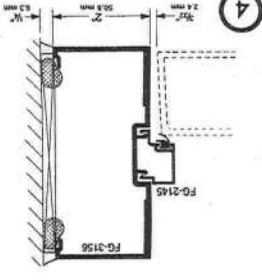
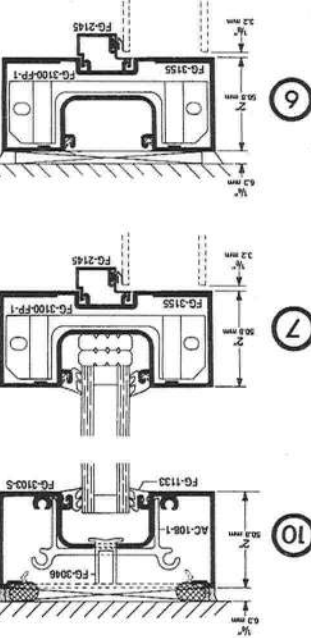
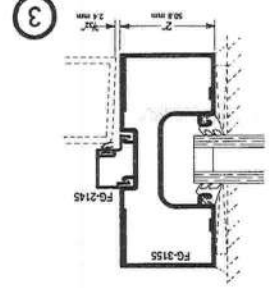
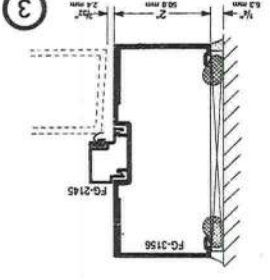
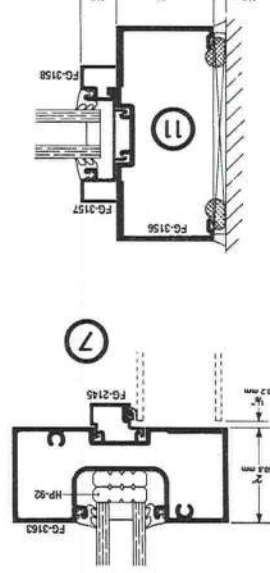
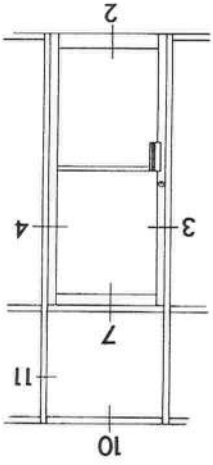
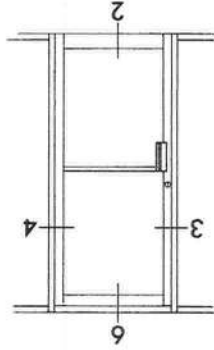
Double Acting Doors



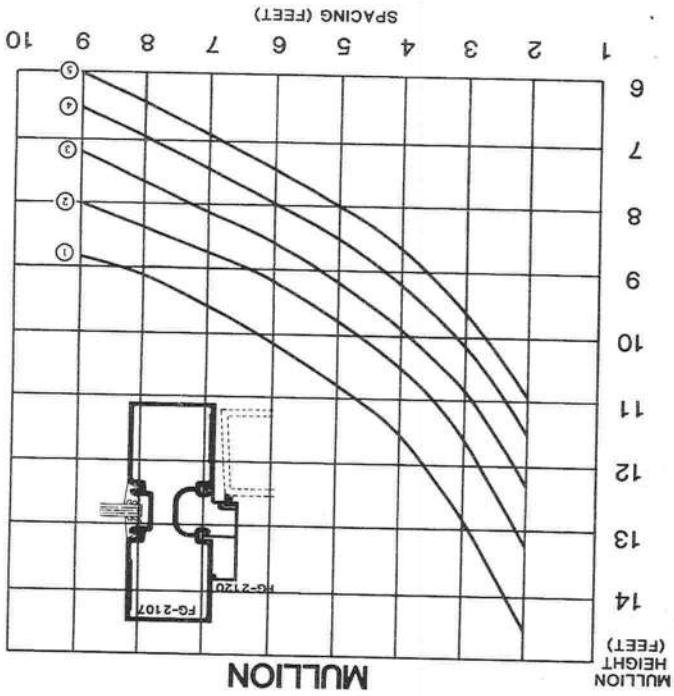
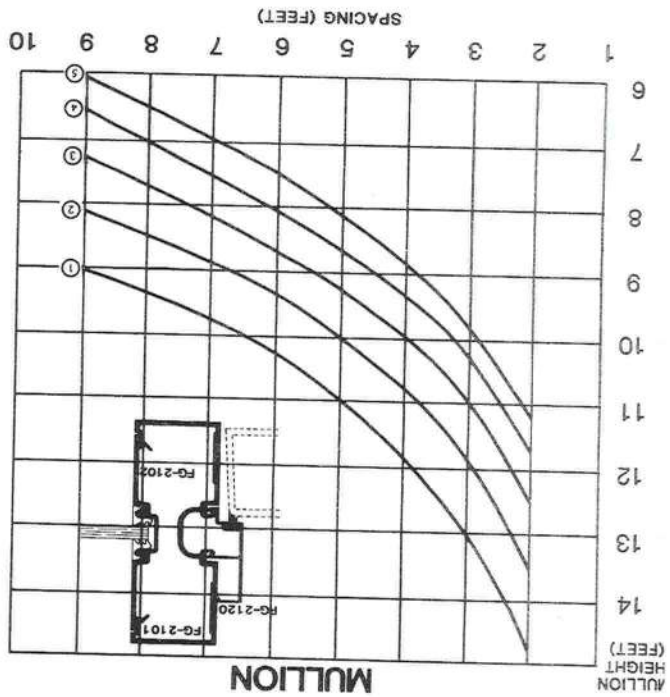
Door framing members do not receive THERMAL SLOT™



Single Acting Doors

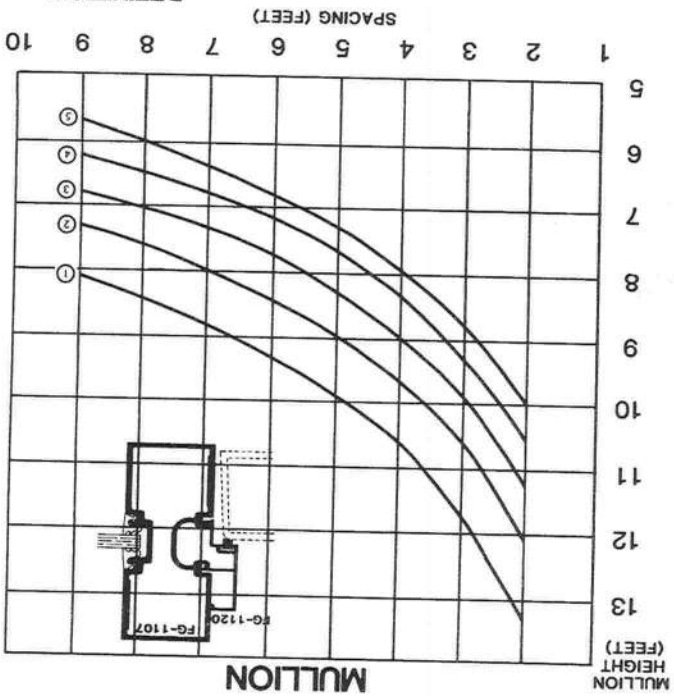
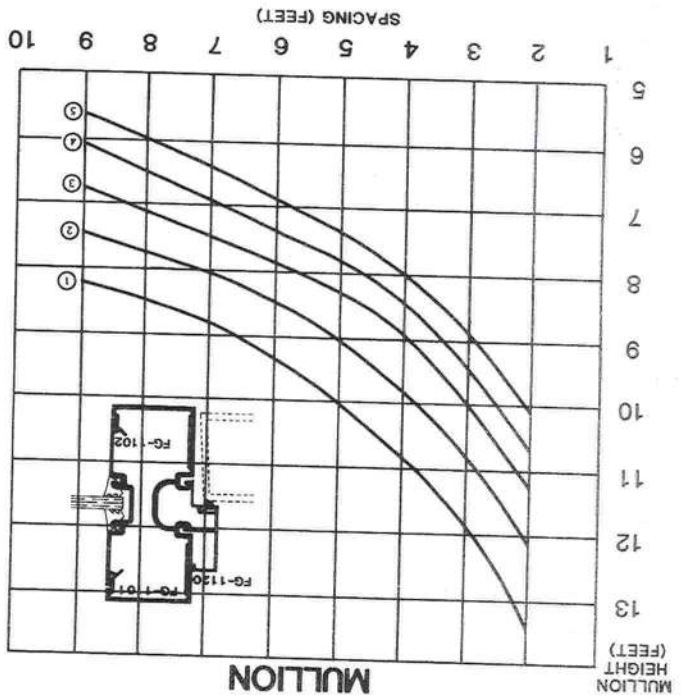


4 1/2" Frames



- ① = 15 P.S.F.
② = 20 P.S.F.
③ = 25 P.S.F.
④ = 30 P.S.F.
⑤ = 35 P.S.F.

DEFINITION
OF CURVES



WIND LOAD CHARTS
DEFLECTION LIMITED TO L/175
6063-T5

4" Frames

Standard Door Frames

DALLAS LABORATORIES, INC.

CONSULTANTS AND TECHNOLOGISTS
ANALYTICAL AND RESEARCH CHEMISTS —
CHEMICAL ENGINEERS — PETROLEUM ENGINEERS

P. O. BOX 152837
1323 WALL ST.

DALLAS, TEXAS 75315

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AMERICAN NATIONAL STANDARDS INSTITUTE
AMERICAN SOCIETY FOR QUALITY CONTROL

Date: December 4, 1992

Report No.: 18975

Submitted by: Vistawall Architectural Products
Products Development Group
P.O. Box 629
Terrell, TX 75160
Attn: Mr. Larry Biebuyck

REPORT

SUBJECT: Performance testing in accordance with ASTM E 283-91 (Air Infiltration).

DESCRIPTION OF UNIT TESTED

Type: Aluminum Outswinging Entry Door.

Series: 375 Medium Stile.

Door Leaf Size: 3'0" x 7'0"

Configuration: X

Glass: 1/4" tempered

Glazing: Captured glazing using EPDM gasket.

Sealant: Seal header to jambs. Seal threshold to slab and ends to jambs.

Weatherstripping: One row of vinyl bulb (D-125) at full length of frame header and jambs. One strip D-120 silicone door seal at full length of bottom rail.

Date Testing Started: November 2, 1992

Date Testing Completed: November 2, 1992

Tests Performed at: Vistawall Architectural Products testing facility in Terrell, Texas.

JAN-21-1999 14:01

VISTAWALL ARCHITECTURAL

DALLAS LABORATORIES, INC.

CONSULTANTS AND TECHNOLOGISTS
ANALYTICAL AND RESEARCH CHEMISTS -
CHEMICAL ENGINEERS - PETROLEUM ENGINEERS

P. O. BOX 16705
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SOCIETY OF PROFESSIONAL ENGINEERS
NATIONAL
OF PETROLEUM ENGINEERS OF AME

ted by: Vistawall Architectural Products

P. O. Box 629
803 Airport Road
Terrell, TX 75160

Attn: Mr. Tom Merrell

REPORT

Door Corner Joint Strength Test

Test specimens were top corner assembly of the following: Narrow Stile Door - Series 212, Medium Stile Door - Series 375, and Wide Stile Door - Series 500.

Corner construction is as follows: The rail is notched (3/4" x 3/16" w/ 5/32 radius) at both inside and outside corners, welded at both notches to stile and corner block, a threaded (1 1/2" x 2-7/8" x 1/8") steel back-up plate, four #10x3/4" screws, two 3/4"(20)x1" hex bolts and two split washers.

Test Method

Methods and procedures of test were provided by Vistawall Architectural Products and are attached to this report.

Test Results

Narrow Stile #1

Specimen	Load (lbs)	Deflection (inch)	Rotation (Degrees)	Joint Opening (inch)	Inside/Outside	Corner Condition
	108.31	0.110	1°03'	0.020/0.010	Good	
	124.01	0.133	1°16'	0.033/0.014	Good	
	135.75	0.160	1°32'	0.041/0.020	Good	
	151.45	0.200	1°55'	0.054/0.033	Good	
	167.15	0.250	2°23'	0.085/0.045	Good	
	182.85	0.320	3°03'		Good	
	198.55				Welds torn	
	214.25				<45° Rotation	
	229.95				>45° Rotation - Failure	

(Continued)

GF:td

DALLAS LABORATORIES, INC.
TESTING LABORATORY

TECHNICIAN

The above results were secured by using the designated ASTM test methods.

TITLE OF TEST

Air Infiltration @ 6.24 psf

ASTM E 283-91

Air Infiltration @ 1.57 psf

ASTM E 283-91

TEST METHOD

SUMMARY OF TEST RESULTS

RESULTS

0.13 CFM/FL of crack

or

0.12 CFM/Ft²

0.05 CFM/FL of crack

or

0.05 CFM/Ft²

December 4, 1992
Page 2 - Report #18975

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VAT CUST. SRV.

DALLAS LABORATORIES, INC. 10/20/92 10:00 FAX 1 972 321 0323

Test Results (Continued)

Specimen	Load (lbs)	Deflection (inch)	Rotation (Degrees)	Joint Opening (inch)	Corner Condition
Narrow Stile #2					
108.31	0.127	0.157	1°13'	0.036/0.022	Good
124.01	0.127	0.157	1°30'	0.050/0.027	Good
135.75	0.157	0.200	1°55'	0.068/0.042	Good
167.15	0.279	0.420	2°40'	0.096/0.063	Good
182.85	-	-	4°12'	-	Good
198.55	-	-	-	-	Good
214.25	-	-	-	-	Good
229.95	-	-	-	-	56° Rotation
Narrow Stile #3					
108.31	0.107	0.133	1°01'	0.015/0.002	Good
124.01	0.133	0.161	1°16'	0.022/0.005	Good
135.75	0.158	1°31'	0.031/0.008	0.046/0.013	Good
151.45	0.200	1°55'	0.055/0.025	0.069/0.034	Good
167.15	0.242	2°19'	0.089/0.034	0.105/0.050	Good
182.85	0.275	2°37'	0.105/0.050	-	Corner intact
198.55	0.350	3°20'	-	-	< 45° Rotation
214.25	0.417	3°58'	-	-	No separation of
229.95	0.509	4°51'	-	-	parts.
Medium Stile #1					
108.87	0.120	0.123	1°09'	0.016/0.012	Good
124.57	0.123	1°10'	0.022/0.014	0.042/0.028	Good
140.27	0.152	1°27'	0.031/0.020	0.068/0.054	Good
155.97	0.182	1°44'	0.042/0.028	-	Good
177.67	0.310	2°58'	0.068/0.054	-	Good
187.37	0.470	4°29'	-	-	Good
203.07	-	-	-	-	40° Rotation - Welds tore
218.77	-	-	-	-	42° Rotation
229.62	-	-	-	-	43° Rotation - No
Medium Stile #2					
108.87	0.100	0.123	0°90'	0.011/0.0	Good
124.57	0.123	1°10'	0.016/0.004	0.018/0.006	Good
135.42	0.137	1°19'	0.022/0.008	0.033/0.016	Good
151.12	0.175	1°40'	0.042/0.025	0.063/0.038	Good
166.82	0.200	1°55'	2°17'	2°44'	Good
182.52	0.240	2°17'	2°44'	7°07'	Good
198.22	0.287	2°44'	7°07'	-	Complete failure -
213.92	0.720	-	-	-	Welds and screws
229.62	-	-	-	-	sheared off.

(Continued)

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Test Results (Continued)

Specimen	Load (lbs)	Deflection (inch)	Rotation (Degrees)	Joint Opening (inch)	Inside/Outside	Corner Condition
Medium Stile #3						
108.87	0.100	0.120	0°57'	0.014/0.0	0.016/0.003	Good
124.57	0.140	0.175	1°20'	0.022/0.006	0.032/0.011	Good
135.42	0.175	0.192	1°40'	0.038/0.014	0.047/0.020	Good
151.12	0.192	0.220	1°50'	0.060/0.030	0.067/0.040	Good
166.82	0.220	0.258	2°06'	0.067/0.040	0.067/0.040	Good
182.52	0.258	0.297	2°28'	0.067/0.040	0.067/0.040	Good
198.22	0.297	0.348	2°50'	0.067/0.040	0.067/0.040	Good
213.92	0.348					No Separation of Parts
229.62						< 45° Rotation
Wide Stile #1						
108.90	0.082	0.100	0°47'	0.016/0.013	0.025/0.016	Good
124.60	0.100	0.112	0°57'	0.029/0.018	0.038/0.022	Good
135.45	0.112	0.137	1°04'	0.047/0.028	0.060/0.040	Good
151.15	0.137	0.174	1°19'	0.082/0.055	0.103/0.076	Good
166.85	0.174	0.242	1°40'	0.082/0.055	0.103/0.076	Good
182.55	0.198	0.320	1°53'	0.082/0.055	0.103/0.076	Good
198.25	0.242	0.372	2°19'	0.082/0.055	0.103/0.076	Good
213.95	0.320		3°03'	0.082/0.055	0.103/0.076	Good
229.65	0.372		3°37'	0.082/0.055	0.103/0.076	Good
Wide Stile #2						
108.90	0.062	0.075	0°35'	0.012/0.008	0.016/0.013	Good
124.60	0.075	0.087	0°43'	0.016/0.013	0.020/0.016	Good
135.45	0.087	0.100	0°50'	0.022/0.018	0.033/0.025	Good
151.15	0.100	0.120	0°57'	0.048/0.033	0.064/0.045	Good
166.85	0.120	0.142	1°09'	0.064/0.045	0.084/0.056	Good
182.55	0.142	0.170	1°22'	0.064/0.045	0.084/0.056	Good
198.25	0.170	0.240	1°37'	0.064/0.045	0.084/0.056	Good
213.95	0.240		2°17'	0.064/0.045	0.084/0.056	Good
229.65	0.260		2°29'	0.064/0.045	0.084/0.056	Good
(Continued)						

Sealant: Perimeter caulked with a foam backer rod and sealant at the interior and exterior of mock-up, full span of frame head and jamb. Frame sill sealed exterior with sealant and backer rod and structural silicone only at interior. Extent seal has 1/2" break at vertical mullions for weepage (See Weep description). Glazing gasket part # (FG-1133), ends are mitered and sealed prior to installation. Butyl gasket at all frame connections. Sealant applied to joint between part # (FG-2102), and mull part # (FG-2100).

Wedge Arrangement: 1/2" break in perimeter sealant at each intermediate vertical mullion. Water diverter part # (FG-1000-PF-1) installed at each end of horizontal rail.

Glazing: Outside glazed with gasket # (FG-1133) at the interior and exterior of glass. Soap-in glazing bead part # (FG-2106) at the exterior of glass.

Glazing: 1/4" tempered.

Weatherstripping: Two fingered gasket part # (V-11) at the interior and exterior face of expansion mull part # (FG-2108).

Notes: Mock-up was tested using two types of intermediate mullions. One mullion was a typical stationary mullion (part # FG-2100 mull) and (part # FG-2102 filler). The second mull was an expansion mull that would allow for lateral movements (part # FG-2109) and (part # FG-2108).

PRODUCT DESCRIPTION

Configuration: 0.0.0
0.0.0

Overall Size: 12'-9 1/4" x 9'-11"

Series/Model: FG-2000 (Outside Glazed)

Product Type: Store Front

Subject: Performance testing in accordance with ASTM E 283-91 (Air Infiltration), ASTM E 331-96 (Water Resistance), ASTM E 330-96 (Uniform Load Structural), and ASTM E 330-96 (Uniform Load Structural).

REPORT

Submitted By: Vistawall Architectural Products
Products Development Group
P. O. Box 629
750 Airport Rd.
Tarrant, TX 75160
Attn: Larry Biebuyck

Date: February 2, 2004
(Original Issue Date: 2/20/1997)

Report No. 25221-R-1R

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P. O. BOX 152837
1823 WALL ST
DALLAS, TEXAS 75315

DALLAS LABORATORIES, INC.

TELEPHONE (AREA CODE 214)
865-0583
555-0584
421-1400

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CABLE ADDRESS "DALAB"

Order Features: Frame corners are connected with two (2) #14x1" screws per corner. Mock-up was anchored to the test buck using 3" anchors 4" off center of vertical mullions and jambs eight clips at sill and three clips per jamb, and frame head.

Test Started: February 17, 1997

Date Testing Completed: February 17, 1997

Testing Performed At: Vistawall testing facility in Terrell, Texas.

PERFORMANCE TEST RESULTS

TITLE OF TEST	TEST METHOD	MEASURED	ALLOWED
Air Infiltration @ 1.57 psf	ASTM E 283-91	0.002 CFM/Ft ²	0.06 CFM/Ft ²
Air Infiltration @ 6.24 psf	ASTM E 283-91	0.003 CFM/Ft ²	0.06 CFM/Ft ²
Water Resistance @ 6.24 psf	ASTM E 331-96	No Leakage	No Leakage
Water Resistance @ 8.00 psf	ASTM E 331-96	No Leakage	No Leakage
Water Resistance @ 9.00 psf	ASTM E 331-96	No Leakage	No Leakage
Water Resistance @ 10.00 psf	ASTM E 331-96	No Leakage	No Leakage
Uniform Load Deflection - Stationary Mull	ASTM E 330-96	0.580"	0.680"
- Exterior @ 20.00 psf			
- Interior @ 20.00 psf			
Uniform Load Deflection - Expansion Mull	ASTM E 330-96	0.495"	0.680"
- Exterior @ 20.00 psf			
- Interior @ 20.00 psf			
Uniform Load Structural	ASTM E 330-96	30.0 psf*	30.0 psf*
- Exterior			
- Interior			
- Permanent Set			
- Stationary Mull		Negligible	0.476"
- Expansion Mull		Negligible	0.476"

* No glass breakage, permanent deformation, or any other condition exists that caused any damage to the unit.

NOV 20 2004 10:00AM V101AWALL

No. 0878 P. 3

Vistawall Arch. Products
Feb. 2, 2004
Page 3 - Report #25221-R-1R

The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specifications.

DALLAS LABORATORIES, INC.
TESTING LABORATORY

Ken Mess

Ken Mess

KN:1d



WHAT'S GOING ON HERE

FRANK R. JONES

7828-152 (00-01)

陈鹤琴

Notes-References

11052

INTERVIEW WITH

STRENGTHS

DAVIDSON SIGNATURE

●●●●●●●●●●

STATE OF FLORIDA
DEPARTMENT OF COMMUNITY AFFAIRS
2555 Shumard Oak Boulevard
Tallahassee, FL 32399-2100

Manufacturer:
Vistawall Architectural Products
Products Development Group
P.O. Box 629
750 Airport Rd.
Terrell, TX 75160

Testing Laboratory: Dallas Laboratories, Inc.
P.O. Box 152837
Dallas, TX 75315
Original Issue Date: February 20, 1997
Revised Date: February 2, 2004
Report No. 25221-R-1R

Product Category: Windows

Product Type: Store Front

Series/Model: FG-2000 (Outside Glazed)

To Whom it May Concern:

I have reviewed the test report prepared by Dallas Laboratories, Inc., dated February 20, 1997, and revised February 2, 2004, for the above referenced product. According to this report, the VistaWall Series FG-2000 storefront system was tested in accordance with the following standards:

1. ASTM E 283-91 for air infiltration;
2. ASTM E 331-96 for water infiltration;
3. ASTM E 330-96 for uniform load deflection; and
4. ASTM E 330-96 for uniform load structural.

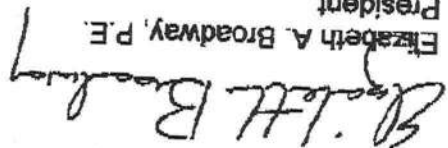
According to the information provided in the test report, the Vistawall Series FG-2000 storefront system was tested in accordance with ASTM E 283-91 for air infiltration, ASTM E 331-96 for water infiltration, and ASTM E 330-96 for uniform load deflection and uniform

STATE OF FLORIDA
DEPARTMENT OF COMMUNITY AFFAIRS
March 31, 2004
Page 2

structural load. Based on the test report data and in conjunction with accepted engineering guidelines to determine the structural capabilities of the system, we hereby certify that the Vistawall Series FG-2000 storefront system fulfills the requirements of the 2001 Florida Building Code Chapter 24.

Sincerely,

BROADWAY ENGINEERING, P.A.


Elizabeth A. Broadway, P.E.

President
Florida Registration No. 38558

SERIES 3000 STOREFRONT SYSTEMS Specifications

General

All aluminum framing shall be Series _____ (3000 or 3000-S - Architect to specify) as shown on the architectural drawings and manufactured by Vistawall Architectural Products. If substitute materials are to be considered they must be supported by technical literature such as drawings, samples and performance data submitted no less than ten (10) days prior to bid for proper evaluation.

Materials

All framing sections shall be of extruded aluminum 6063-T5 alloy and temper. Glazing gaskets shall be extruded from E.P.D.M.

Finish

All exposed surfaces shall be free of unsightly scratches and blemishes. The exposed sections shall receive a caustic etch followed by an anodic coating.

Color shall be...

Enduracolor Bronze or Black with an architectural class anodic coating.

Clear finish with an architectural class anodic coating.

Construction and Design (3000 Only)

All aluminum framing shall have a face dimension of 2" and a depth of 4 1/2". The framing shall be accurately assembled with unexposed fasteners utilizing extruded splines, clips and/or snap-in features. All glazing shall be flush, including the horizontal muntins and sills, and shall have removable stops to facilitate glazing. Glass shall be set in the center of the section. Glass shall be held in place by E.P.D.M. glazing gaskets on both sides. No applied stops shall be permitted, except at transom bar.

Cleaning

Upon completion of construction, the general contractor shall be responsible for cleaning all aluminum, employing methods recommended by the manufacturer as follows: Anodized aluminum shall be cleaned with plain water containing a mild detergent, or a petroleum product such as white gasoline, kerosene or distillate. No abrasive agent shall be used.

Erection

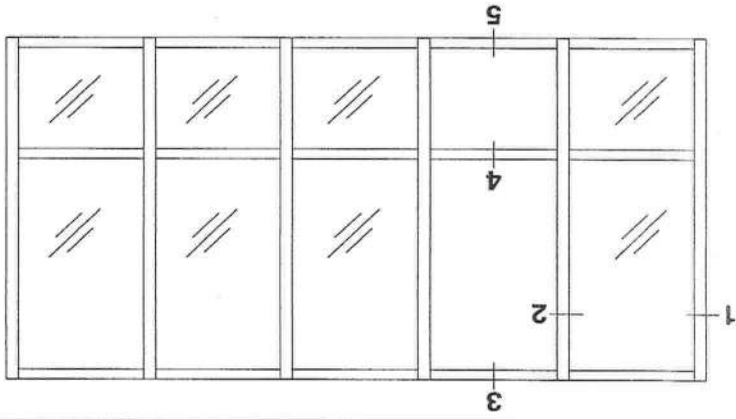
at transom bar.

All aluminum framing shall be thermally improved using 1/2" x 5 1/2" slots spaced 1/2" apart maintaining one-piece construction. The framing shall have a face dimension of 2" and a depth of 4 1/2". The framing shall be accurately assembled with unexposed fasteners utilizing extruded splines, clips and/or snap-in features. All glazing shall be flush, including the horizontal muntins and sills, and shall have removable stops to facilitate glazing. Glass shall be held in place by E.P.D.M. glazing gaskets on both sides. No applied stops shall be permitted, except

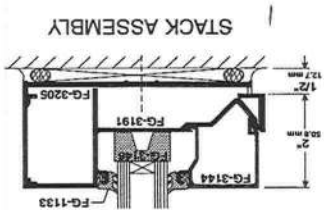
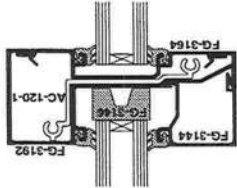
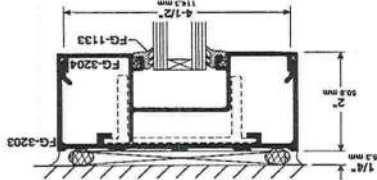
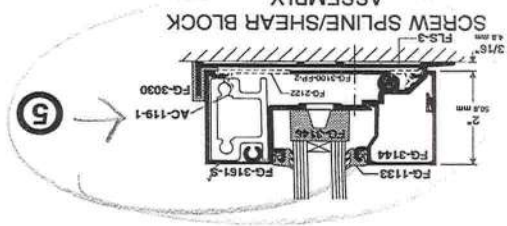
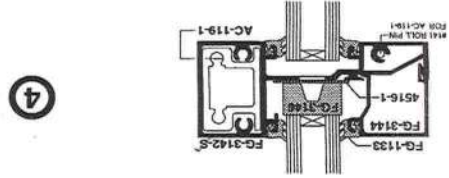
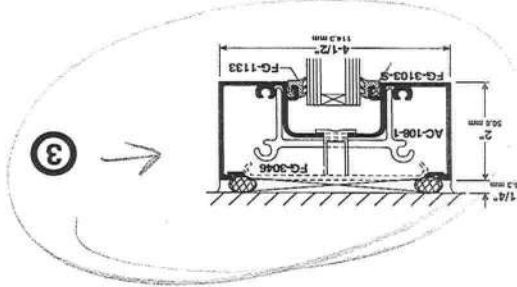
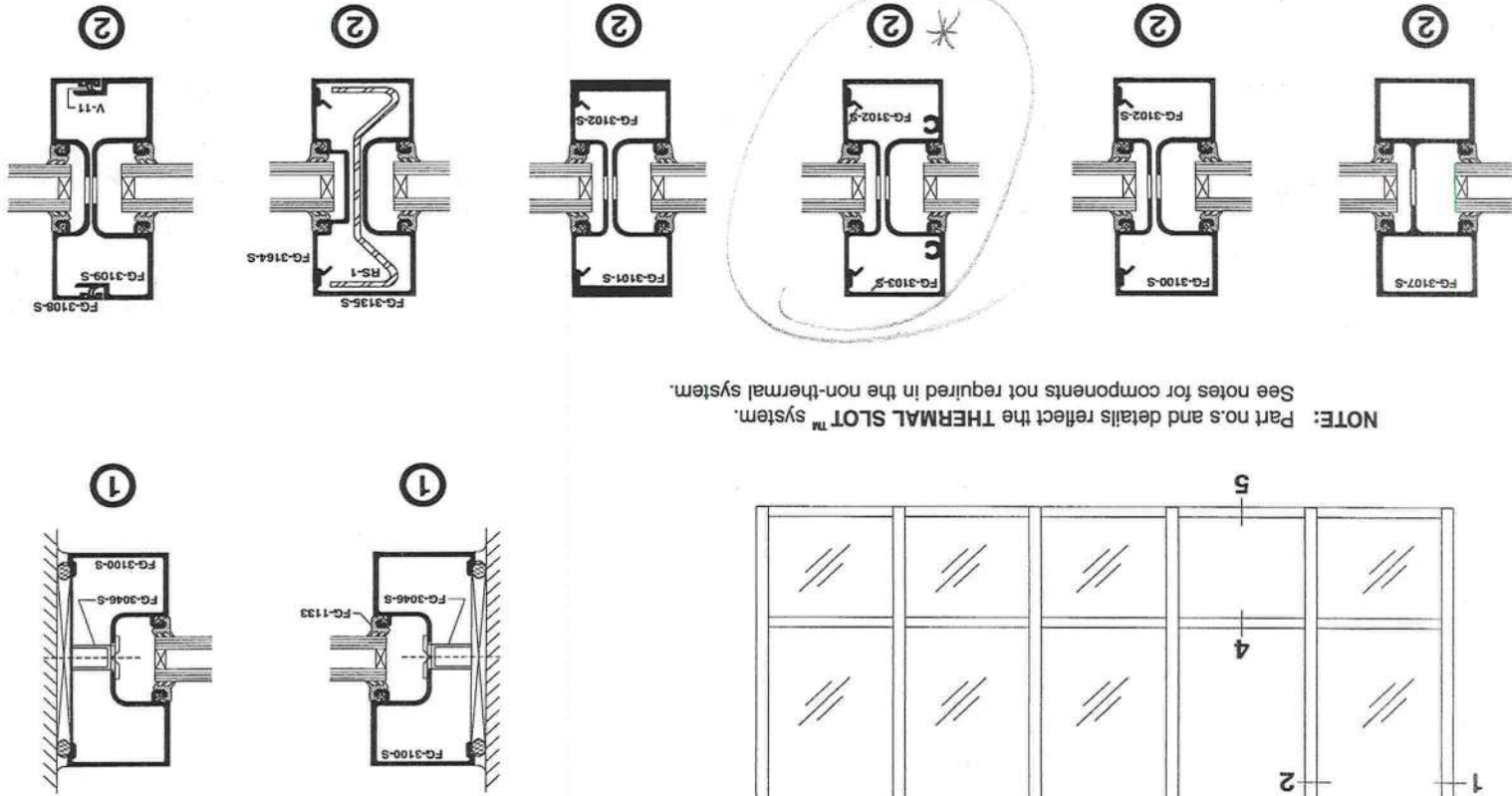
Construction and Design (3000-S Only)

SERIES 3000 2" X 4-1/2" FLUSH GLAZE

SCALE = 1/4" SIZE

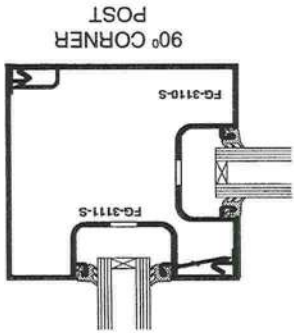
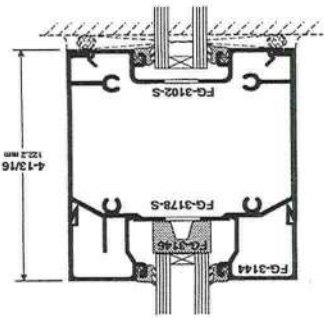


NOTE: Part nos. and details reflect the THERMAL SLOT™ system.
See notes for components not required in the non-thermal system.



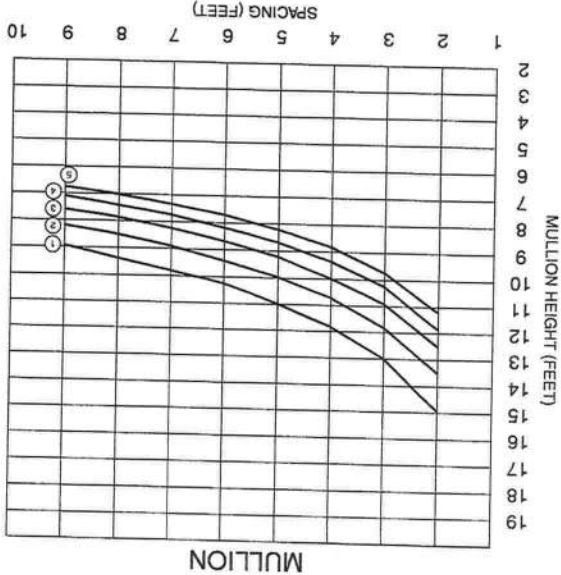
-1-

ALTERNATE INTERMEDIATE
HORIZONTAL AND SIDELITE BASE

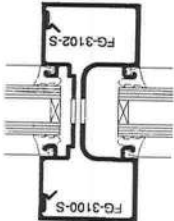


WIND LOAD CHARTS
DEFLECTION LIMITED TO L/175

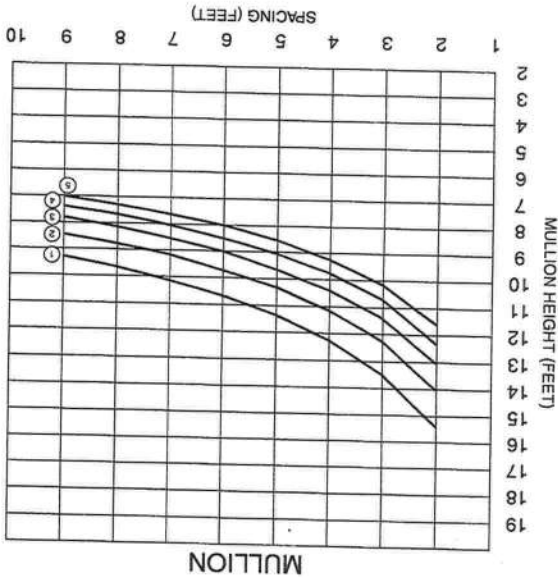
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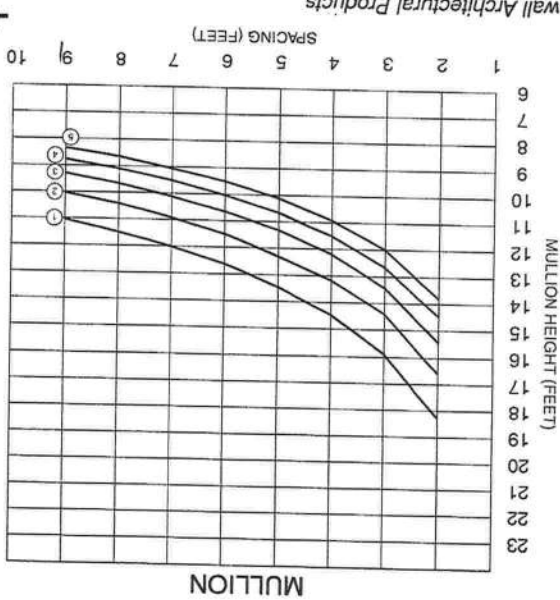
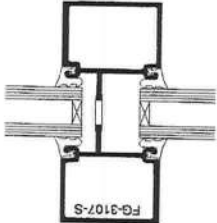
FG-3100-S/3102-S
IXX = 3,249 in.⁴
SXX = 1,318 in.³



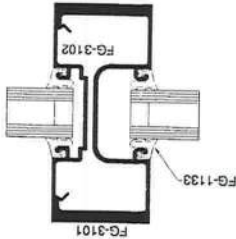
- ① = 15 P. S. F.
- ② = 20 P. S. F.
- ③ = 25 P. S. F.
- ④ = 30 P. S. F.
- ⑤ = 35 P. S. F.



FG-3107-S
IXX = 3,587 in.⁴
SXX = 1,582 in.³

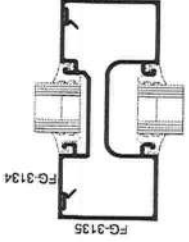


FG-3101-S/3102-S
IXX = 5,969 in.⁴
SXX = 2,390 in.³



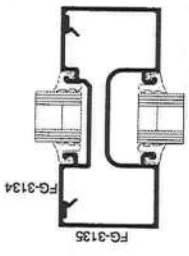
WIND LOAD CHARTS
DEFLECTION LIMITED TO L/175

WITH HORIZONTALS

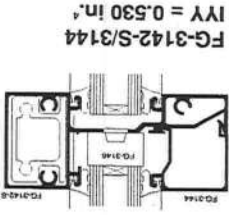
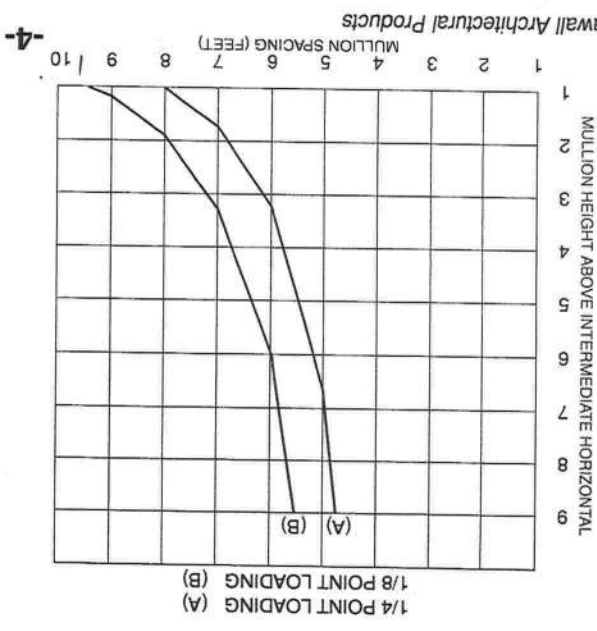
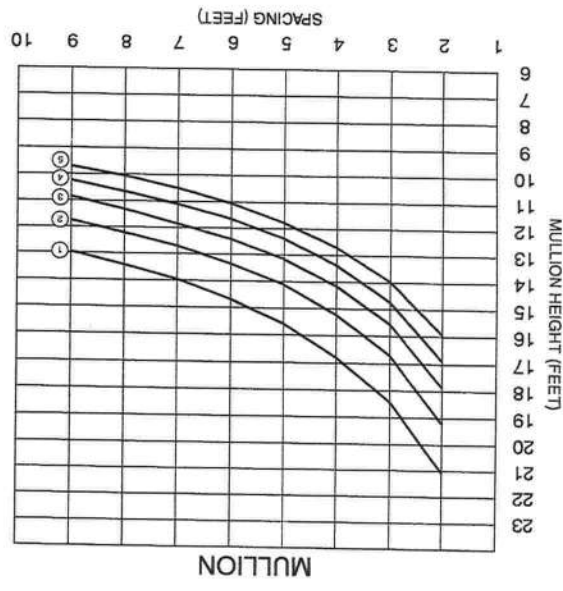
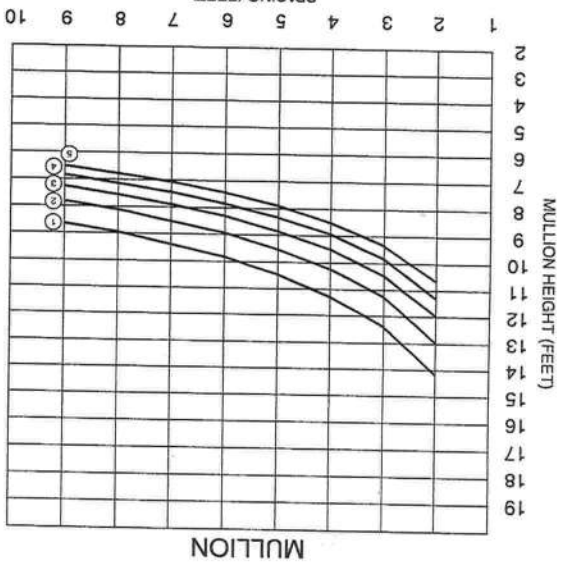


FG-3135/3164
IXX = 2.848 in.⁴
SXX = 1.218 in.³

- ① = 15 P. S. F.
- ② = 20 P. S. F.
- ③ = 25 P. S. F.
- ④ = 30 P. S. F.
- ⑤ = 35 P. S. F.



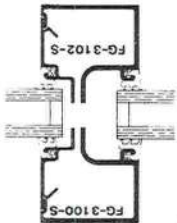
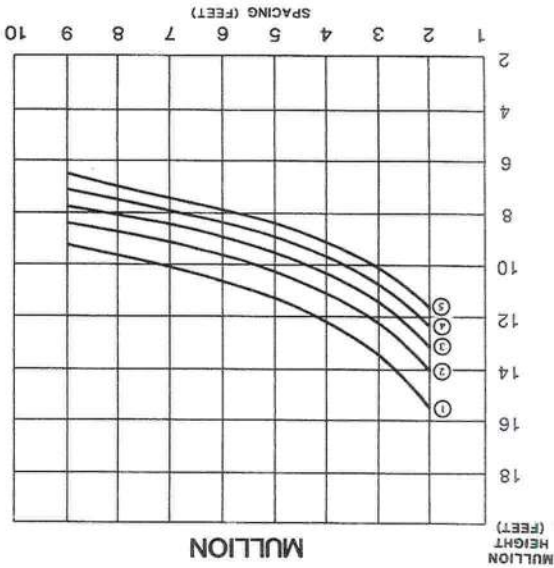
FG-3135/3164 w/RS-1
IXX Comb. = 9.283 in.⁴
SXX Alum. = 1.218 in.³
SXX Steel = 1.150 in.³



FG-3142-S/3144
IYY = 0.530 in.⁴

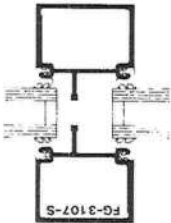
WIND LOAD CHARTS
DEFLECTION LIMITED TO L/175

WITH HORIZONTALS

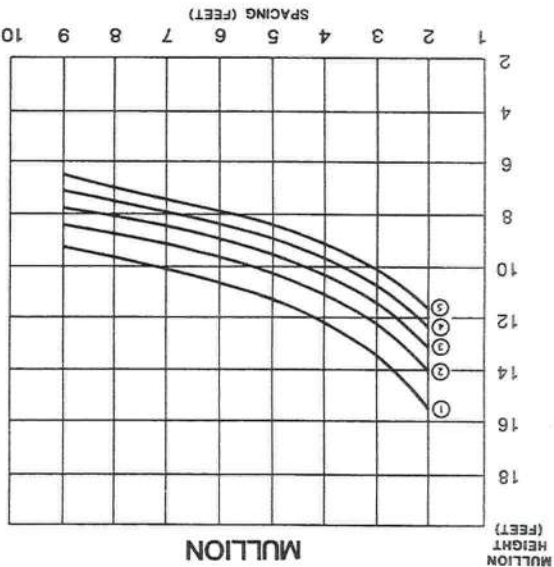


FG-3100-S/3102-S
DX = 3.603 in.⁴
SXX = 1.601 in.²

- ① = 15 P.S.F.
- ② = 20 P.S.F.
- ③ = 25 P.S.F.
- ④ = 30 P.S.F.
- ⑤ = 35 P.S.F.



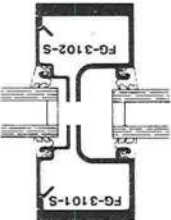
FG-3107-S
DX = 3.587 in.⁴
SXX = 1.582 in.²



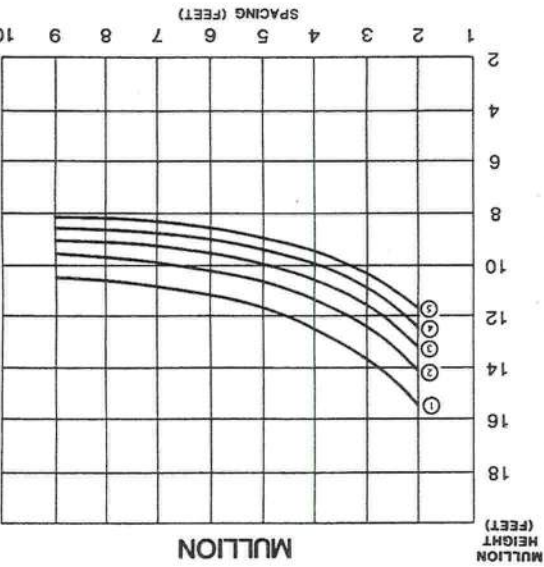
MULLION HEIGHT (FEET)

MULLION

SPACING (FEET)



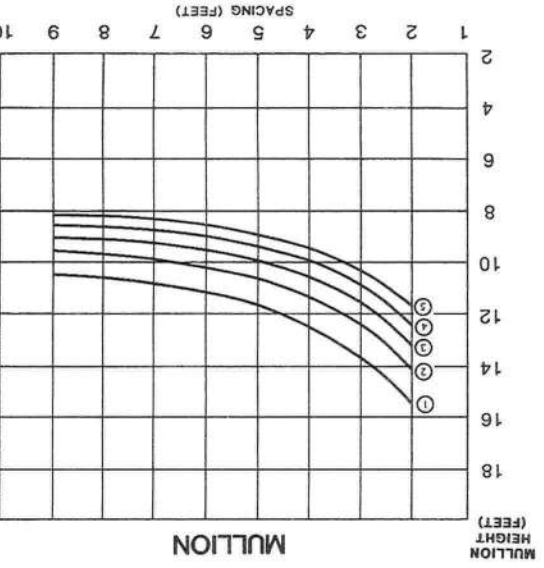
FG-3101-S/3102-S
DX = 6.039 in.⁴
SXX = 2.648 in.²



MULLION HEIGHT (FEET)

MULLION

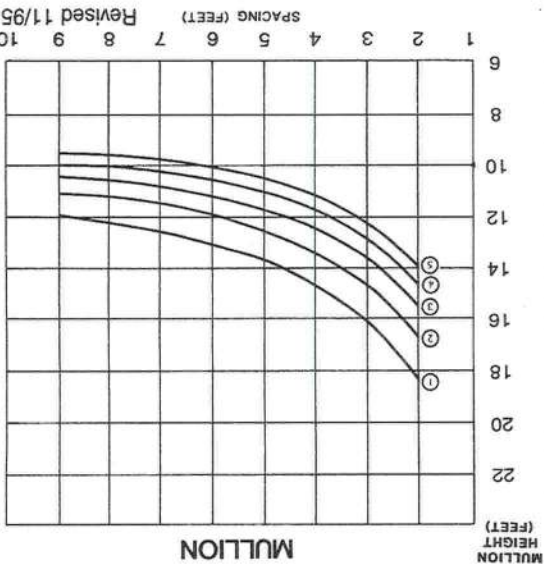
SPACING (FEET)



MULLION HEIGHT (FEET)

MULLION

WITHOUT HORIZONTALS



MULLION HEIGHT (FEET)

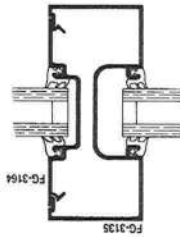
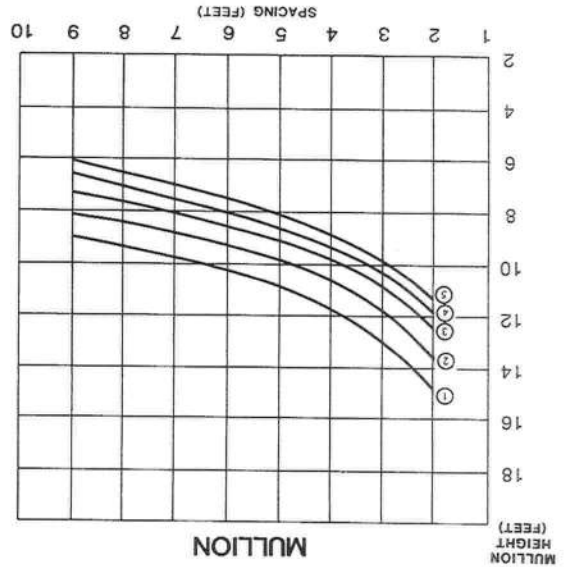
MULLION

SPACING (FEET)

WIND LOAD CHARTS
DEFLECTION LIMITED TO L/175

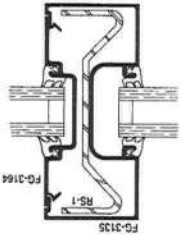
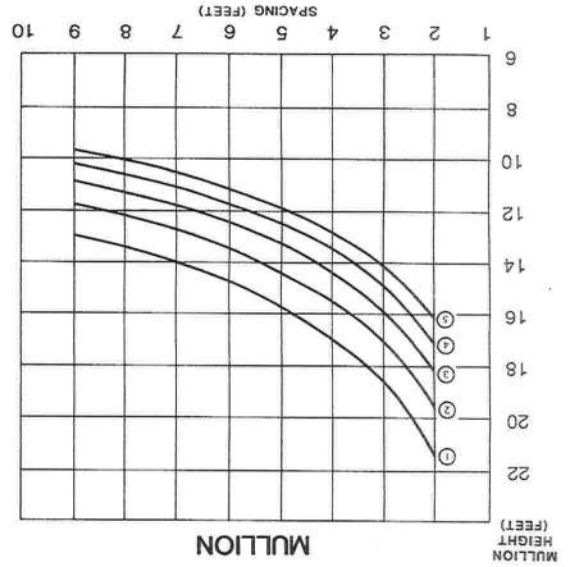
WITH HORIZONTALS

WITHOUT HORIZONTALS

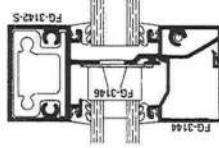
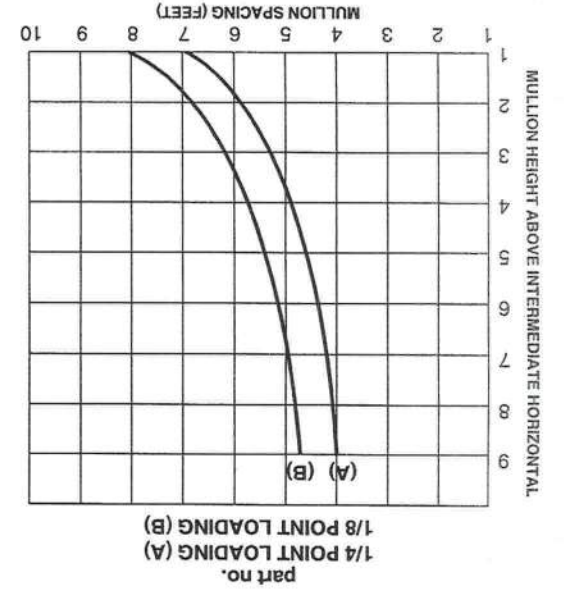


FG-3135/3164
DX = 3.231 in.⁴
SXX = 1.436 in.⁴

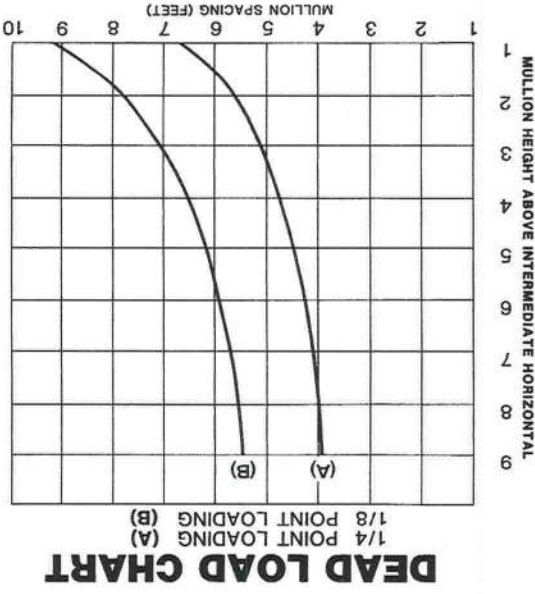
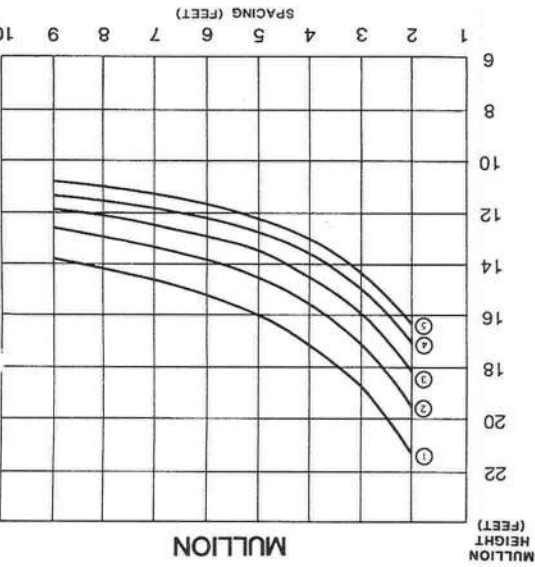
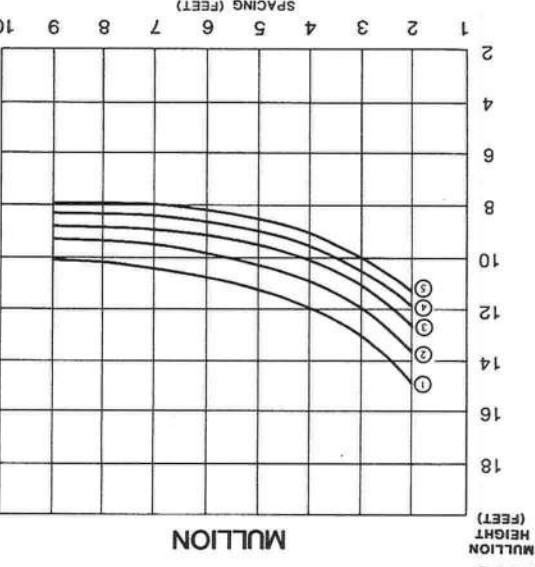
- ① = 15 P.S.F.
- ② = 20 P.S.F.
- ③ = 25 P.S.F.
- ④ = 30 P.S.F.
- ⑤ = 35 P.S.F.



FG-3135/3164 w/RS-1
DX = 9.666 in.⁴
SXX = 4.296 in.⁴



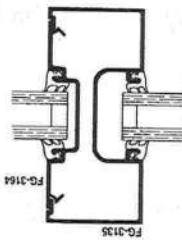
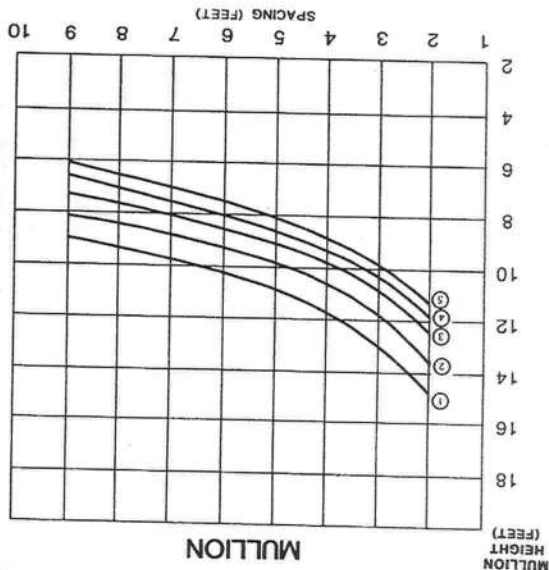
FG-3142-5/3144
IVY = .530 in.⁴



WIND LOAD CHARTS

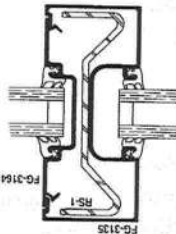
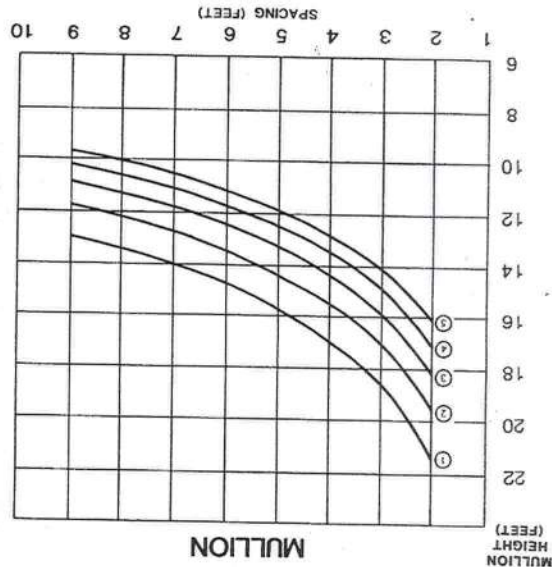
DEFLECTION LIMITED TO L/175

WITH HORIZONTALS

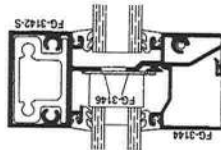
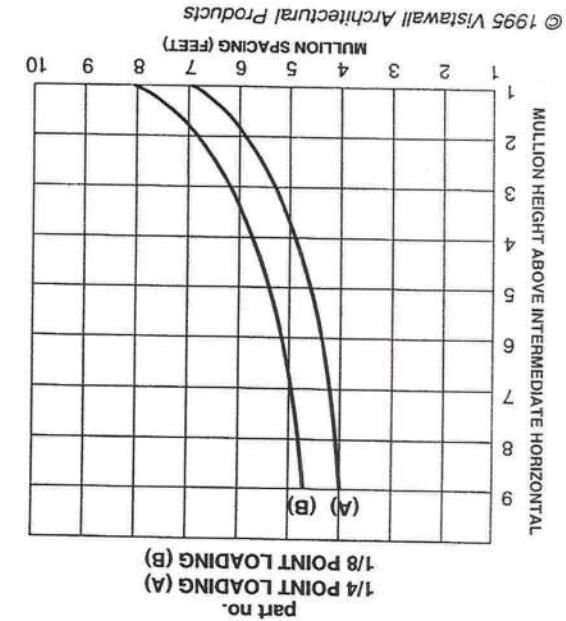


FG-3135/3164
DOX = 3.231 in.⁴
SXX = 1.436 in.⁴

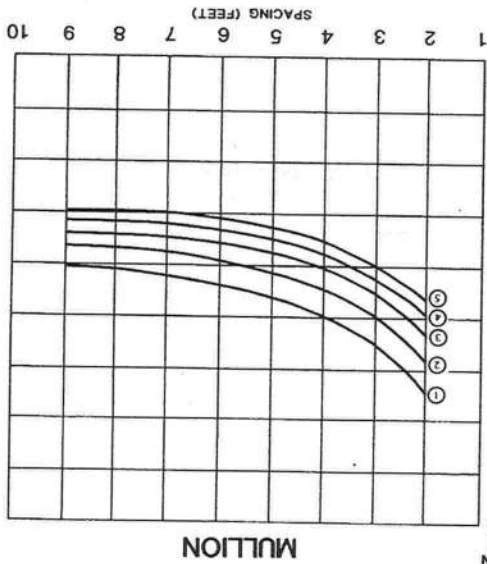
- ① = 15 P.S.F.
- ② = 20 P.S.F.
- ③ = 25 P.S.F.
- ④ = 30 P.S.F.
- ⑤ = 35 P.S.F.



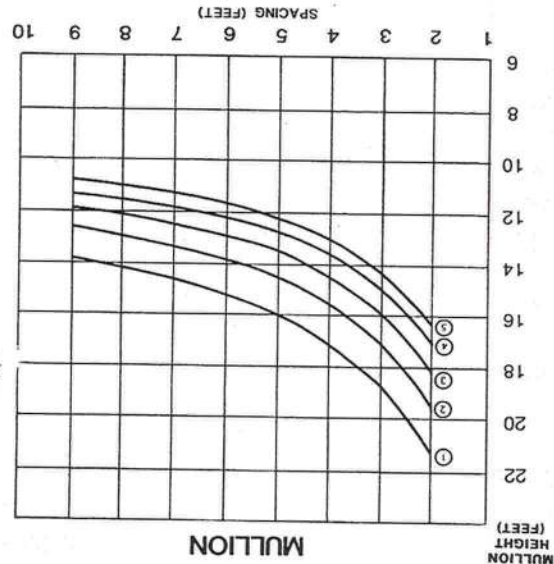
FG-3135/3164 W/RS-1
DOX = 9.666 in.⁴
SXX = 4.296 in.⁴



FG-3142-S/3144
IYY = .530 in.⁴

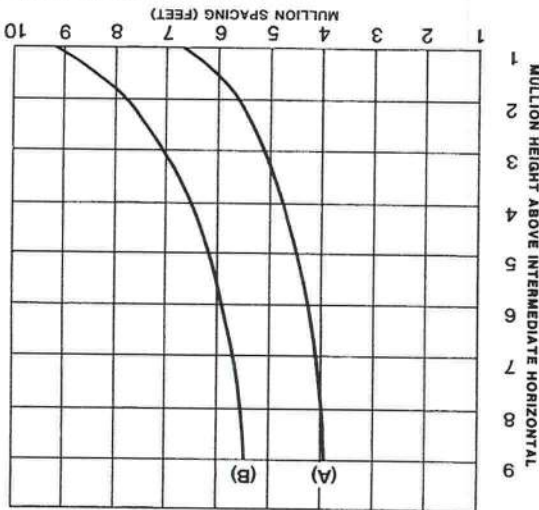


WITHOUT HORIZONTALS



DEAD LOAD CHART

1/4 POINT LOADING (A)
1/8 POINT LOADING (B)





ASTM A 992 GR 50 ALUM.
ZINC ALLOY COATED STEEL



ALL COMPONENTS SMALL, BUT
ASTM A576 STEEL W/ TWIN
TY-33 KSI GALVANIZED DEPEND
ASTM A525 G-98



ASTM A525 9-93
ASTM A525 9-93
ASTM A525 9-93



⑤ BOTTOM STIFFENER & TUBS (TYPE A)
SCALE 1" = 1'-0"

SCALE 1 - 100

- [illegible]



INTENTION ELEVATION



⑧ SIDE ELEVATION
N.T.S.



FLAIR VIEW
SCALE 1:12" = 1'-0"



① 000H ACCOUNTING BRACKET DETAIL
Scale: 1/4" = 1'-0"

STANDARD BUILDING CODE

ROLL - UP DOOR

KNEZEVICH & ASSOCIATES INC.
CONSULTING ENGINEERS • PRODUCT TESTING

1000 N. UNIVERSITY DRIVE SUITE 101 • FORT JUDSON 2, FL 32034
TEL: (904) 884-0001 • FAX: (904) 884-0001 • FLORIDA DCA #0005
WWW.KNEZEVICH.COM • E-MAIL: KNEZEVICH@KNEZEVICH.COM

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 k_a

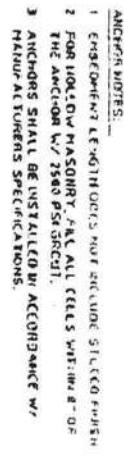
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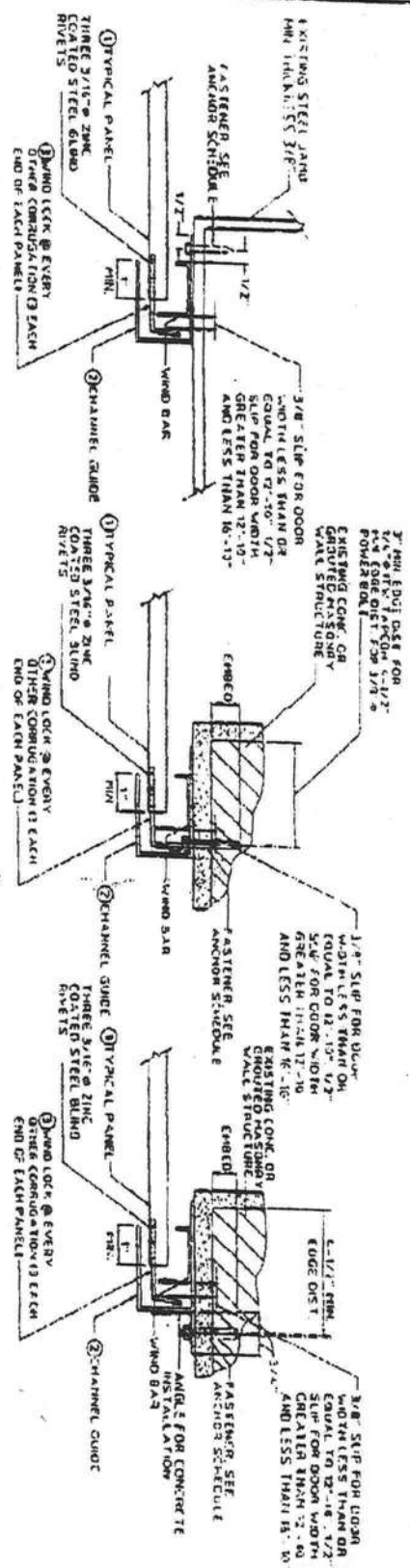
42. a

21/10/2010

2169



**WINDLOCK GUIDE CONNECTION TO CONCRETE
OR GROUTED MASONRY DETAIL (PILTS OR GUIDE)**



269

FOR ONE PER
WALDORF ASTOR LENOX
JAN 10 2001
5-11-90

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

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 Dozier, 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

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 (mild @ 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 in 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.

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

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

Respectfully submitted,

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.

SUMMARY

As loading was initiated it momentarily rose to approximately 65 PSF then immediately reduced to the cleared level. The correct load was held for approximately 4 seconds when the windlocks failed at the center of the right jamb.

Load	Load	Delta	Center	Right	Net @ Center Line
0.0	0.0	0.000	0.000	0.000	0.000
15.6	3.0	0.500	0.063	11.438	0.148
20.8	4.0	0.531	0.063	12.063	0.146
26.0	5.0	0.531	0.031	13.000	0.031
31.2	6.0	0.563	0.031	13.750	0.078
38.5	7.4	0.625	0.125	14.938	0.219
45.5	8.8	0.688	0.156	16.250	0.641
52.5	10.1				

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 joint to record deflections along the center line of the door. The deflection readings are as follows:

Static Wind Loading / Manner of Testing:

CONSTRUCTION TESTING CORPORATION
13873 N.W. 19th Ave., Miami, Florida 33054
Phone: (305) 685-6657 Fax: (305) 685-6659
Date: 08/29/98

FROM : KNEZEVICH & ASSOCIATES, INC. PHONE NO. : 954.382.0369
DATE : 09-18-99 02:29PM '99

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 Percent

PSF in. H2O @ Load @ Recy. @ Load @ Recy. @ Load @ Recy. @ Load @ Recy. Recovery

0.0	0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	NA
15.5	3.0	0.313	0.000	7.525	0.094	0.406	0.000	7.266	0.054	95.7	98.9	
20.8	4.0	0.313	0.016	8.063	0.094	0.438	0.000	7.888	0.086	98.9	98.9	
26.0	5.0	0.313	0.016	8.625	0.188	0.500	0.000	8.219	0.180	97.8	97.6	
31.2	6.0	0.375	0.016	9.125	0.218	0.531	0.000	8.572	0.271	97.6	98.5	
38.5	7.4	0.375	0.016	9.750	0.125	0.594	0.031	9.266	0.102	98.9	98.7	
45.5	8.8	0.406	0.016	10.531	0.172	0.688	0.053	9.984	0.103	98.7	95.7	
52.5	10.1	0.469	0.031	11.266	0.563	0.813	0.188	10.826	0.453	95.7	NR	
61.1	11.8	0.938	NR	14.875	NR	1.250	NR	13.721	NR	NR	NR	

Load was held for 8 seconds at this level when the wind locks failed at the left center jamb.

15815 N.W. 19th AVE. MIAMI, FLORIDA 33054
Phone: (305) 685-6657 Fax: (305) 685-6659

Impact Manner of Testing: In accordance with Dade County Test Protocol PA 201-94 (rev 2) IMPACT TEST PROCEDURE.

This testing was performed as an experiment for the research and development of this product for Dade County Product Approval. One door assembly was tested, this was installed as previously described. It was impacted twice with a 9.0 lb. 2x4 of No. 2 Southern Pine in locations as indicated in the document "Answers to questions most frequently asked about the new impact test" (by Jaime Gascon of DCPD) and a third time in a location specified by the clients engineer.

Impact Test Results

Shot	Impact Location	Coordinates Rt(in), Up(in)	Firing Pressure in Hg	Impact Velocity ft/sec	Results
1	Right Bottom Corner	140, 12	9.88	49.6	No Penetration
2	Panel center @ Midspan	72, 33.6	10.00	50.2	No Penetration
3	Panel seam @ Midspan	73, 42.5	10.00	49.5	No Penetration

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 product sustained a test load of 52.5 PSF adequate to prove a design load of 35 PSF. Following wind loading undamaged portions of the specimen were subjected to three impacts in accordance with Dade County Test Protocol PA 201-94 (rev 2.0). None of these impacts resulted in the penetration of the specimen.

Respectfully submitted,

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

Report by George Dotzler: 8-23-95

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

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may not be reproduced without permission.
CTC95028 : 23 August 1995 : Page 3 of 3

COLUMBIA COUNTY BUILDING DEPARTMENT

COMMERCIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST
FOR FLORIDA BUILDING CODE 2001 WITH AMENDMENTS

ALL REQUIREMENTS LISTED ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INCLUDE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 WITH AMENDMENTS BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SIGNATURE AND SEAL OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA. THE FOLLOWING BASIC WIND SPEED AS PER SECTION 1606 SHALL BE USED.

- WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75
1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
 2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ----- 110 MPH
 3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing a floor plan, site plan, foundation plan, floor/roof framing plan or truss layout, wall sections and all exterior elevations with the following criteria and documents:

- Applicant ☒ Plans Examiner ☐
- ☒ All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
 - ☒ Designers name and signature on document (FBC 104.2.1) if licensed architect or engineer, official seal shall be affixed.

Two (2) Copies of Approved Site Plan

Minimum Type Construction (FBC Table 500)

- Wind Load Engineering Summary, calculations and any details required:
- a) Plans or specifications must state compliance with FBC Section 1606
 - b) The following information must be shown as per section 1606.1.7 FBC

1. Basic wind speed (MPH)
2. Wind importance factor (I) and building category
3. Wind exposure - if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
4. The applicable internal pressure coefficient
5. Components and Cladding. The design wind pressure in terms of psf. (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional

Fire Resistant Construction Requirements shall include:

- a) Fire resistant separations (listed system)
- b) Fire resistant protection for type of construction
- c) Protection of openings and penetrations of rated walls (listed systems)
- d) Fire blocking and draft-stopping
- e) Calculated fire resistance

Item	Yes	No	NA
Fire Suppression Systems shall include: (To be reviewed by Fire Department)			
a) Fire sprinklers	☐	☐	☒
b) Fire alarm system (early warning) with name of licensed installer. If not shown on plans or not known at time of permitting, a separate permit shall be required by the licensed installer	☐	☐	☒
c) Smoke evacuation system schematic	☐	☐	☒
d) Stand-pipes	☐	☐	☒
Pre-engineered system			
Riser diagram			
Life Safety Systems shall include: (To be reviewed by Fire Department)			
a) Occupancy load and egress capacity	☐	☐	☒
b) Early warning	☐	☐	☒
c) Smoke control	☐	☐	☒
d) Stair pressurization	☐	☐	☒
e) Systems schematic	☐	☐	☒
Occupancy Load/Egress Requirements shall include:			
a) Occupancy load (gross and net)	☐	☐	☒
b) Means of egress	☐	☐	☒
c) Stair construction/geometry and protection	☐	☐	☒
d) Doors	☐	☐	☒
e) Emergency lighting and exit signs	☐	☐	☒
f) Specific occupancy requirements	☐	☐	☒
1. Construction requirements			
2. Horizontal exits/exit passageways			
Structural Requirements shall include:			
a) Soil conditions/analysis	☐	☐	☐
b) Show type of termite treatment (termicide or alternative method)	☐	☐	☐
c) Design loads	☐	☐	☐
d) Wind requirements	☐	☐	☐
e) Building envelope	☐	☐	☐
f) Structural calculations	☐	☐	☐
g) Foundations	☐	☐	☐
h) Wall systems	☐	☐	☐
i) Floor systems	☐	☐	☐
j) Roof systems	☐	☐	☐
k) Threshold inspection plan (if applicable)	☐	☐	☐
l) Stair systems	☐	☐	☐
Materials shall include:			
a) Wood	☐	☐	☐
b) Steel	☐	☐	☐
c) Aluminum	☐	☐	☐
d) Concrete	☐	☐	☐
e) Plastic	☐	☐	☐
f) Glass (mfg. Listing for wind zone including details for installation and attachments	☐	☐	☐
g) Masonry	☐	☐	☐
h) Gypsum board and plaster	☐	☐	☐
i) Insulating (mechanical)	☐	☐	☐
j) Roofing (mfg. Listed system for wind zone with installation and attachments)	☐	☐	☐
k) Insulation	☐	☐	☐

Swimming Pools – Commercial – Plans shall be signed and sealed by a Professional Engineer registered in the State of Florida and approved by the Department of Business and Professional Regulation/Health Department indicating compliance with the Florida Administrative Code, Chapter 64E-9 And Section 424 of the Florida Building Code

Accessibility Requirements shall include:

- a) Site requirements ☐
- b) Accessible route ☐
- c) Vertical accessibility ☐
- d) Toilet and bathing facilities ☐
- e) Drinking fountains ☐
- f) Equipment ☐
- g) Special occupancy requirements ☐
- h) Fair housing requirements ☐

Interior Requirements shall include:

- a) Interior finishes (flame spread/smoke develop) ☐
- b) Light and ventilation ☐
- c) Sanitation ☐

Special Systems shall include:

- a) Elevators ☐
- b) Escalators ☐
- c) Lifts ☐

Electrical:

- a) Electrical wiring, services, feeders and branch circuits, over-current protection, grounding, wiring methods and materials, GFCIs ☐
- b) Equipment ☐
- c) Special Occupancies ☐
- d) Emergency Systems ☐
- e) Communication Systems ☐
- f) Low Voltage ☐
- g) Load calculations ☐
- h) Riser diagram ☐

Plumbing:

- a) Minimum plumbing facilities ☐
- b) Fixture requirements ☐
- c) Water supply piping ☐
- d) Sanitary drainage ☐
- e) Water heaters ☐
- f) Vents ☐
- g) Roof drainage ☐
- h) Back flow prevention ☐
- i) Irrigation ☐
- j) Location of water supply ☐
- k) Grease traps ☐
- l) Environmental requirements ☐
- m) Plumbing riser ☐

Mechanical:	☐	☐
a) Energy calculation (signed and sealed by Architect or Engineer, registered in the State of Florida)	☐	☐
b) Exhaust systems (clothes dryer exhaust, kitchen equipment exhaust, Specialty equipment exhaust)	☐	☐
c) Equipment	☐	☐
d) Equipment location	☐	☐
e) Make-up air	☐	☐
f) Roof mounted equipment	☐	☐
g) Duct systems	☐	☐
h) Ventilation	☐	☐
i) Combustion air	☐	☐
j) Chimneys, fireplaces and vents	☐	☐
k) Appliances	☐	☐
l) Boilers	☐	☐
m) Refrigeration	☐	☐
n) Bathroom ventilation	☐	☐
o) Laboratory	☐	☐
Gas:	☐	☐
a) Gas piping	☐	☐
b) Venting	☐	☐
c) Combustion air	☐	☐
d) Chimney's and vents	☐	☐
e) Appliances	☐	☐
f) Type of gas	☐	☐
g) Fireplaces	☐	☐
h) LP tank locations	☐	☐
i) Riser diagram/shut offs	☐	☐
Disclosure Statement for Owner Builders	☐	☐
***Notice of Commencement Required Before Any Inspections will be Done	☐	☐
Private Potable Water:	☐	☐
a) Size of pump motor		
b) Size of pressure tank		
c) Cycle stop valve if used		

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS:

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all construction projects; If you were required to have a Site and Development Plan Approval, list SDP number.
2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser is required.
A copy of property deed is also requested. (386) 758-1084

3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic tank approval or sewer tap is required

4. **City Approval:** If the project is located within the city limits of the Town of Fort White prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321

5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of section 8.8 of the Columbia County Land Development Regulations. Any project that is located within a flood zone where the base flood elevation (100 year flood) has not been established shall meet the requirements of section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
A development permit will also be required. The development permit cost is \$50.00

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit must be made (\$25.00). Culvert installation for commercial, industrial and other uses shall conform to the approved site plan or to the specifications of a registered engineer. Joint use culverts will comply with Florida Department of Transportation specifications. If the project is to be located on a F.D.O.T. maintained road, then an F.D.O.T. access permit is required.

7. **Suwannee River Water Management District Approval:** All commercial projects must have an SRWMD permit issued or an exemption letter, before a building will be issued.

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE - TIME WILL NOT ALLOW THIS - PLEASE DO NOT ASK

NOTICE:

ADDRESSES BY APPOINTMENT ONLY!

TO OBTAIN A 9-1-1 ADDRESS THE REQUESTER MUST CONTACT THE COLUMBIA COUNTY 9-1-1 ADDRESSING DEPARTMENT AT (386) 752-8787 FOR AN APPOINTMENT TIME AND DATE:

YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE

TELEPHONE. MUST MAKE AN APPOINTMENT!

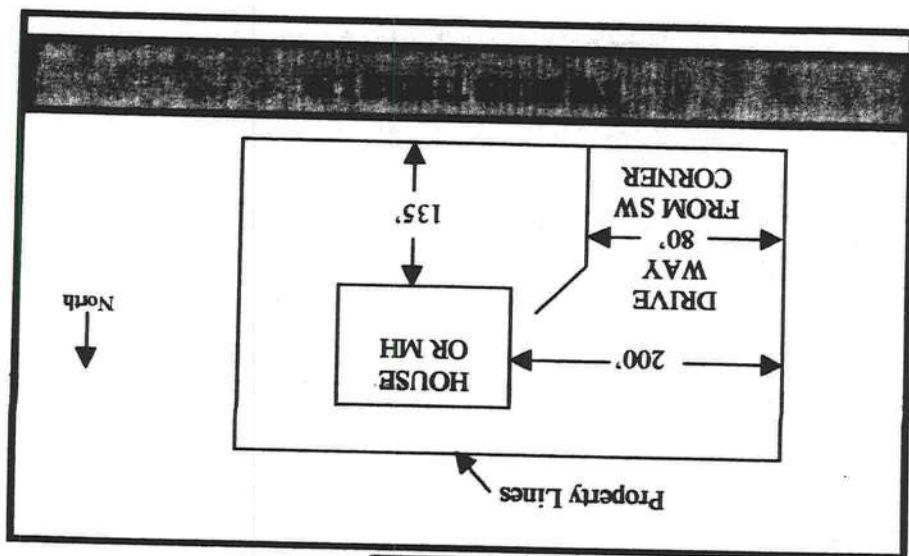
THE ADDRESSING DEPARTMENT IS LOCATED AT 263 NW LAKE CITY AVENUE (OFF OF WEST U.S. HIGHWAY 90 WEST OF INTERSTATE 75 AT THE COLUMBIA COUNTY EMERGENCY OPERATIONS CENTER).

THE REQUESTER WILL NEED THE FOLLOWING:

1. THE PARCEL OR TAX ID NUMBER (SAMPLE: "25-4S-17-12345-123" OR "R12345-123") FOR THE PROPERTY.
2. A PLAT, PLAN, SITE PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.

- a. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
- b. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
- c. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT AN ON SITE SURVEY.

BE SURE TO SELECT A UNIT THAT MEETS BOTH SENSIBLE AND LATENT LOADS.
ALL COMPUTED RESULTS ARE ESTIMATES AS BUILDING USE AND WEATHER MAY VARY.
CALCULATIONS ARE BASED ON 7TH EDITION OF ACCA MANUAL J.
TOTAL HEATING REQUIRED WITH OUTSIDE AIR: 38.823 MBH
TOTAL COOLING REQUIRED WITH OUTSIDE AIR: 8.298 TONS
SUPPLY CFM AT 20 DEG DT: 2,262
SQUARE FT. OF ROOM AREA: 4,456
CFM PER SQUARE FOOT: 0.721
SQUARE FOOT PER TON: 730.425

BUILDING LOAD TOTALS									
SENSIBLE GAIN TOTAL									
TEMP. SWING MULTIPLIER									

PEOPLE	28	0	0	0	0	0.0	0.0	0.0	0
APPLIANCES	0	0	0	0	0	0.0	0.0	0.0	0
DUCTWORK	0	0	0	0	0	0.0	0.0	0.0	0
INFILTRATION	0	0	0	0	0	0.0	0.0	0.0	0
VENTILATION	0	0	0	0	0	0.0	0.0	0.0	0

3-C WINDOW DBL PANE CLR GLS METL FR	294	9,589	0	0	0	0	0	0	0
9-1 FRENCH DOOR DBL CLR GLS METL FR	84	2,851	0	0	0	0	0	0	0
12-E WALL R-11 +1/2"EXTPOLY BD(R-2.5)	2,409	8,131	0	0	0	0	0	0	0
11-C DOOR METAL POLYSTYRENE CORE	57	1,206	0	0	0	0	0	0	0
16-G CEILING R-30 INSULATION	4,456	4,662	0	0	0	0	0	0	0
22-A SLAB ON GRADE NO EDGE INSUL	289	10,535	0	0	0	0	0	0	0

SUBTOTALS FOR STRUCTURE:									
7,589	36,974	0	0	0	0	0	0	0	0
8,400	8,400	0	0	0	0	0	0	0	0
3,300	1,500	0	0	0	0	0	0	0	0
4,525	4,525	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

35,345	35,345	0	0	0	0	0	0	0	0

38,823	1,800	49,770	49,770	51,570					

TOTAL BUILDING LOADS:
BLDG. LOAD
AREA
SEN.
LAT. +
SEN. = TOTAL
DESCRIPTIONS
3-C WINDOW DBL PANE CLR GLS METL FR
9-1 FRENCH DOOR DBL CLR GLS METL FR
12-E WALL R-11 +1/2"EXTPOLY BD(R-2.5)
11-C DOOR METAL POLYSTYRENE CORE
16-G CEILING R-30 INSULATION
22-A SLAB ON GRADE NO EDGE INSUL
SUBTOTALS FOR STRUCTURE:
7,589 36,974 0 0 0 0 0 0 0 0
8,400 8,400 0 0 0 0 0 0 0 0
3,300 1,500 0 0 0 0 0 0 0 0
4,525 4,525 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
35,345 35,345 0 0 0 0 0 0 0 0

38,823 1,800 49,770 49,770 51,570

BUILDING LOAD TOTALS

CLIENT INFORMATION:
NAME: NORTON BUILDING
ADDRESS: LAKE CITY, FLORIDA 32055
CITY, STATE: LAKE CITY, FLORIDA 32055
RESIDENTIAL/LIGHT COMMERCIAL HVAC LOADS
DESIGNER: LAMAR BOOZER
PROJECT: NORTON BUILDING
CLIENT: 10 29 05
DATE: 10 29 05

** LAMAR BOOZER
900 EAST PUTNAM STREET
LAKE CITY, FL 32055

RESIDENTIAL/LIGHT COMMERCIAL HVAC LOADS

PROJECT:
CLIENT:
DATE:
DESIGNER:

NORTON BUILDING
10 29 02
LAMAR BOOZER

CLIENT INFORMATION:

NAME: NORTON BUILDING
ADDRESS: LAKE CITY, STATE: FLORIDA 32055

TOTAL BUILDING LOADS:

BLDG. LOAD DESCRIPTIONS		AREA	SEN. LOSS	LAT. + GAIN	SEN. = TOTAL GAIN
3-C WINDOW DBL PANE CLR GLS METL FR					
9-1 FRENCH DOOR DBL CLR GLS METL FR					
12-E WALL R-11 + 1/2" EXTPOLY BD (R-2.5)					
11-C DOOR METAL POLYSTYRENE CORE					
16-G CEILING R-30 INSULATION					
22-A SLAB ON GRADE NO EDGE INSUL					
SUBTOTALS FOR STRUCTURE:					
PEOPLE		7,589	36,974	0	35,345
APPLIANCES		28	0	0	8,400
DUCTWORK		0	0	0	3,300
INFILTRATION	W.CFM: 0.0	0	1,849	0	4,525
VENTILATION	W.CFM: 0.0	0	0	0	0
SENSIBLE GAIN TOTAL					
TEMP. SWING MULTIPLIER					
BUILDING LOAD TOTALS					
			38,823	1,800	49,770
					51,570

SUPPLY CFM AT 20 DEG DT: 2,262
SQUARE FT. OF ROOM AREA: 4,456
TOTAL HEATING REQUIRED WITH OUTSIDE AIR: 38.823 MBH
TOTAL COOLING REQUIRED WITH OUTSIDE AIR: 8.298 TONS
CALCULATIONS ARE BASED ON 7TH EDITION OF ACCA MANUAL J.
ALL COMPUTED RESULTS ARE ESTIMATES AS BUILDING USE AND WEATHER MAY VARY.
BE SURE TO SELECT A UNIT THAT MEETS BOTH SENSIBLE AND LATENT LOADS.



Cal-Tech Testing, Inc.

• Engineering
• Geotechnical
• Environmental

LABORATORIES

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

October 27, 2005

Norton Home Improvement
3367 South U. S. Highway 441
Lake City, Florida 32025

Attention: Bubba Norton

Reference: Proposed Metal Building

Norton Home Improvement Site
Lake City, Florida
Cal-Tech Project No. 05-561

Dear Mr. Norton,

Cal-Tech Testing, Inc. has completed the subsurface investigation and engineering evaluation of the site for a metal building to be constructed at the referenced location. Our work was performed in conjunction with and authorized by you.

We understand the building will be single-story, of metal construction, and have a plan area of about 11,500 square feet. Support for the structure is to be provided by monolithic foundations. Anticipated foundation loads were not provided; however, we assume column and wall loads will not exceed 30 kips and 1.5 kips per foot, respectively.

The purposes of our investigation were to evaluate the existing subgrade soils for an allowable bearing pressure of 2,000 pounds per square foot and to provide recommendations as appropriate.

Site Investigation

The site was investigated by performing four (4) dynamic cone penetration tests with hand-auger borings advanced to depths of 7.0 feet. The borings were performed at the approximate locations indicated on the attached Location Plan. Boring locations were selected by Cal-Tech Testing, Inc., and the building limits were delineated on site.

The dynamic cone penetration test is performed by driving a standard 60-degree cone into the soil by blows from a 15-pound slide-hammer falling 20 inches. The number of blows required to advance the cone 1.75 inches is designated the dynamic cone penetration resistance. This value can be correlated to N-values of the Standard Penetration Test and is an index of soil density or consistency.

Hand-auger borings are performed by manually advancing a 3-inch diameter, metal sleeve into the soil to recover samples from limited depths. Samples are examined for soil type and color.

Findings

The soil borings generally encountered two soil strata. The first layer consists of 2 to 4 feet of loose to medium dense, tannish gray or grayish tan sand (SP) or sand with silt (SP/SM). The equivalent N-values of this layer range from 5 to 25 blows per foot.

The second layer consists of an undetermined thickness of generally medium dense to very dense, gray, red and orange, clayey sand (SC) or very stiff, sandy clay (CL). The equivalent N-values of this layer range from 8 to more than 50 blows per foot.

Groundwater was not encountered at the time of our investigation. For a more detailed description of the subsurface conditions encountered, please refer to the attached Boring Logs.

Discussion

We have performed a bearing capacity analysis for the immediate bearing soils and have assumed a shallow, strip footing (thickened edge) with a bottom width of 18 inches and bottom embedment of 16 inches. For this foundation and the site soils as encountered, we obtained an allowable bearing capacity of 2,000 pounds per square foot with a factor of safety of about 1.8 against a bearing capacity failure. It is therefore our opinion the subgrade soils are suitable for an allowable bearing capacity of 2,000 pounds per square foot.

Only normal, good practice site preparation procedures should be required to prepare the building site.

We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us should you have questions concerning this report or if we may be of further assistance.

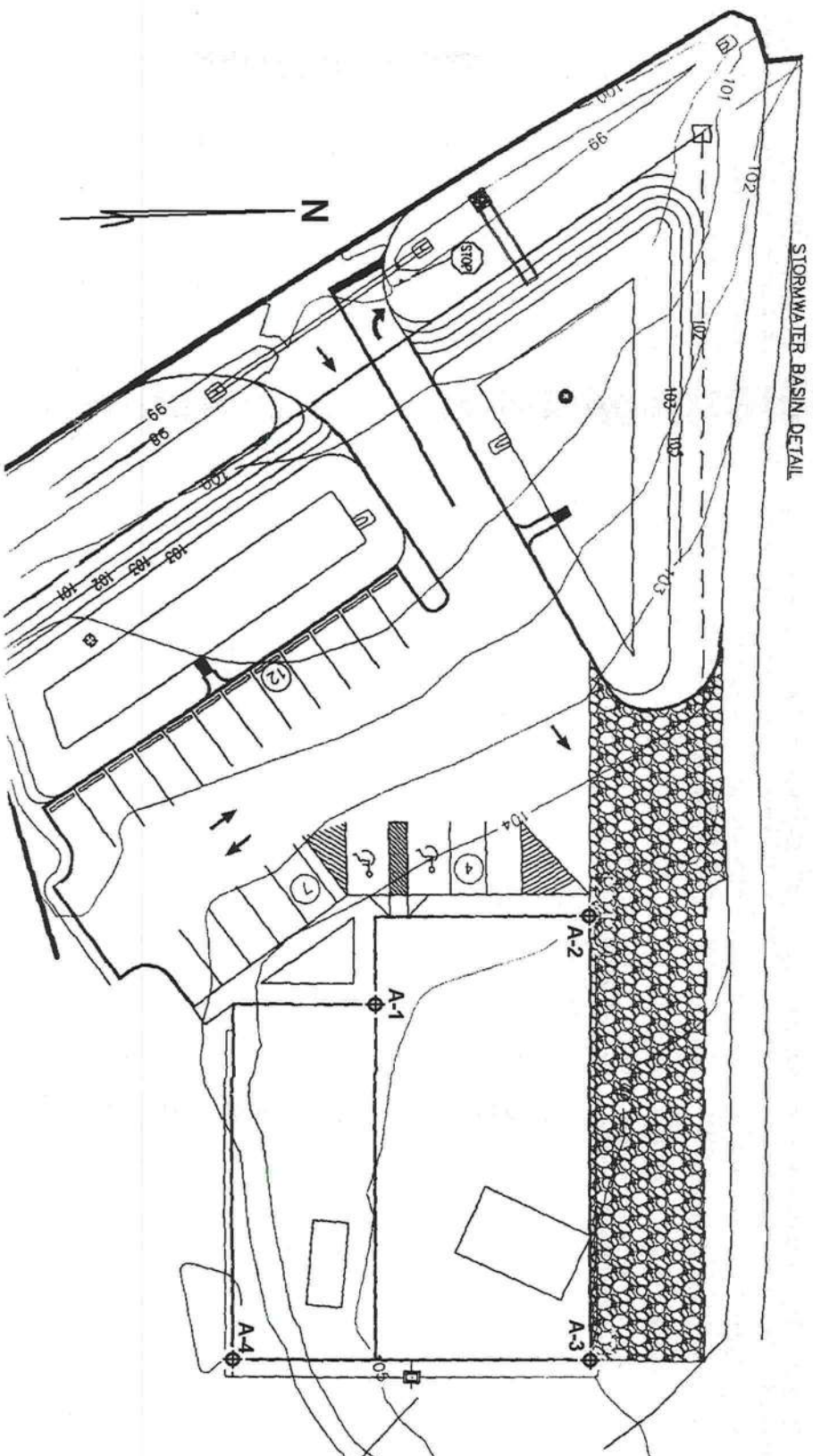
Respectfully submitted,
Cal-Tech Testing, Inc.

Linda Creamer

Linda Creamer
President / CEO

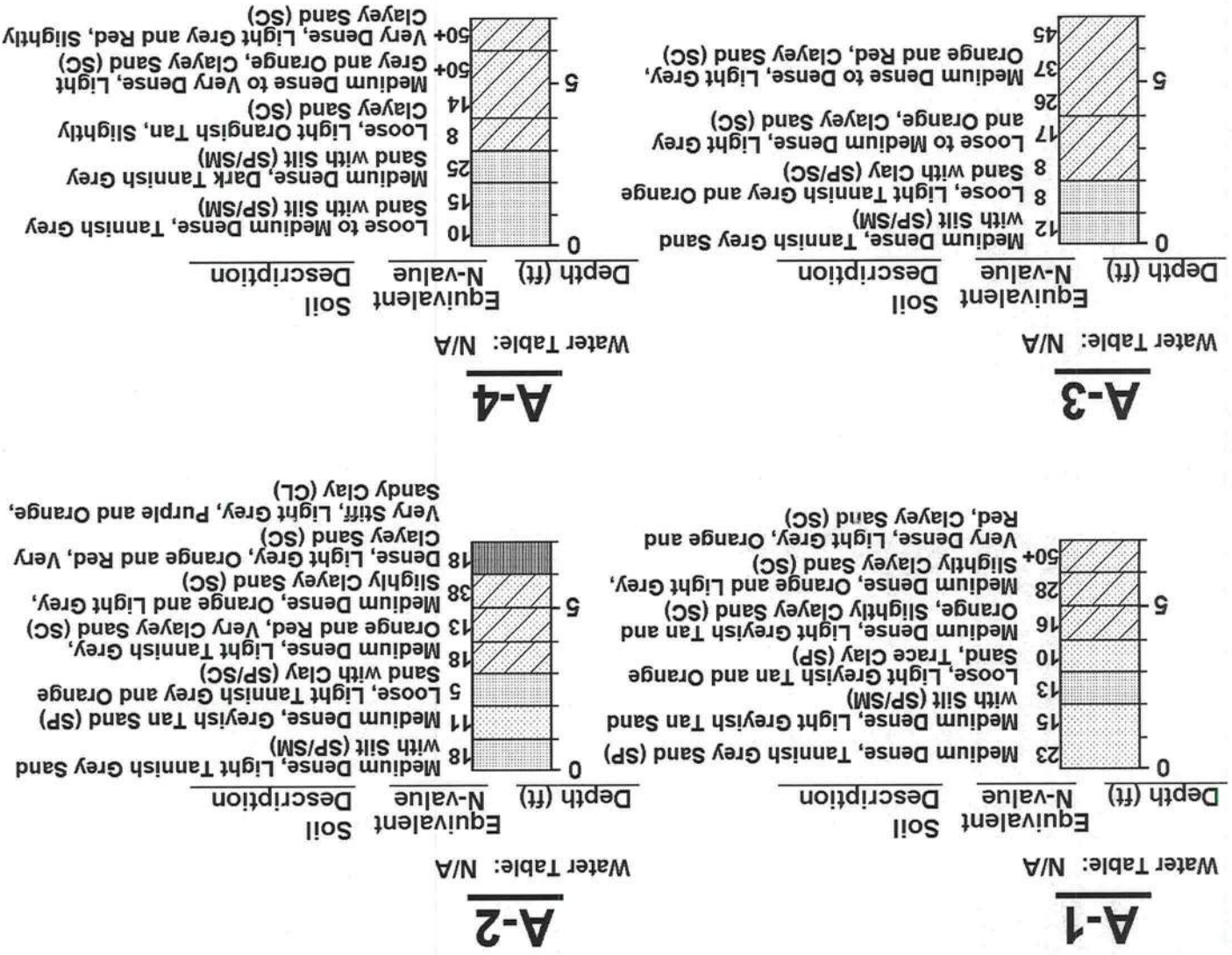
John C. Dorman, Jr.

John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer
10/27/95
52612



**Boring Location Plan: Proposed Metal Building
Norton Home Improvement**

Boring Logs: Proposed Metal Building
Norton Home Improvement



May 31 06 08:39a

Florida Pest Control

904-752-0171

P. 2

CORPORATE HEADQUARTERS:

P.O. BOX 5369
116 N.W. 16TH AVENUE
GAINESVILLE, FL 32602-5369
(352) 376-2661
FAX (352) 376-2791

SCIENTIFIC PEST CONTROL DIRECTED BY GRADUATE ENTOMOLOGISTS

Complete Pest Control Service
Member Florida & National Pest Control Associations

Reply to: 536 SE Baya Dr

Lake City, FL 32025

Phone (386) 752-1703 Fax (386) 752-0171

FOUNDED 1849



F-11824

TERMITE TREATMENT CERTIFICATION

Owner:	James Norton	Lot:	23806
Subdivision:		Block:	
Street Address:	3325 S US Hwy 441	County:	Columbia
City:	Lake City	Area Treated:	Wood Members
General Contractor:		Time:	8:10 AM
Date:	02/17/06	Applicator ID Number:	55238
Name of applicator:	James Parker	Product Used: Active Ingredient: % Concentration:	3.5
Born-Care: Disodium Octaborate Tetrahydrate: 23.0%		Number of gallons used:	
Method of termite prevention treatment: Wood Treatment			

The building has received a complete treatment for the prevention of subterranean termites. Treatment is in accordance with rules and laws established by the Florida Department of Agriculture and Consumer Services. This form is proof of complete treatment for Certificate of Occupancy or Closing.

THIS IS PROOF OF WARRANTY

Warranty and Treatment Certifications Have Been Issued.

Authorized Signature:	Alma Wood
Date:	2-17-06

BRANCHES:

• Crystal River • Daytona Beach • Ft. Walton Beach • Jacksonville South • Jacksonville West • Lake City • Milton • Ocala • Orlando • Palatka • Panama City • Pensacola • Starke • St. Augustine • Tallahassee • Winter Haven • Leesburg • Kissimmee •

23506

05/26/2006 14:11

7526427

NORTON HOME IMP

PAGE 02

LAKE CITY / COLUMBIA COUNTY FIRE DEPARTMENT

225 NW Main Blvd., Suite 101, Lake City, FL 32055
Phone: 386-752-3312 Fax: 386-758-5424



Alphonso Wilson
Fire Chief

To: John Kerce, Col. Co. Building & Zoning

FROM: Frank E. Armijo, Captain
State Fire Inspector License #112877

DATE: May 25, 2006

SUBJECT: Fire Safety Inspection

A fire safety inspection was performed today at Wayne's Carpet Plus, located at 3027 US Hwy 441 S, Lake City, FL. This business meets all requirements of Chapter 38 of the Florida Fire Prevention Code, 2004 Edition. No violations were noted. I recommend approval.

Frank E. Armijo, Captain
State Fire Inspector License #112877

Inspection Division
Fire Safety Inspectors
Carlton A. Tunsil
Assistant Fire Chief
Frank E. Armijo
Captain
Nathaniel L. Williams, Sr.
Driver/Engineer

IF YOU DO NOT RECEIVE ALL PAGES AS INDICATED PLEASE CALL

FROM: Charles Thoma

COMMENTS: Permit # 23806
NUMBER OF PAGES INCLUDING THIS SHEET: 2

FAX#: 758-2110
TO: Randy Cpus
DATE: 05-26-04

FACSIMILE TRANSMITTAL FORM

NORTON HOME IMPROVEMENT CO., INC.
3367 S US HWY 441, SUITE 101
LAKE CITY, FL 32025
386-752-3331
FAX 386-752-6427



Florida Department of Transportation

DENVER STUTLER, JR.
SECRETARY

605 Suwannee Street
Tallahassee, FL 32399-0450

JEB BUSH
GOVERNOR

To: Columbia County Building & Zoning Office
Attention: Ms. Janice Williams / 758-2160 Fax

RE: Norton Home Improvements Co., Inc. & Verndale Rentals, Inc.

Proposed Project Name: James Norton Commercial Building

Ms. Williams:

The new business site now under construction just north of the existing Norton Home Improvements Co, Inc Business Office has been reviewed and has been issued a new 26 foot wide rural radiused asphalt paved connection. Included also is a separate drainage connection permit.

This permitted site has not yet received the final access and drainage improvement inspections as these shall be required when the permittee is ready for permanent electrical power and building C.O. from your department. Our office has no problem with the issuing of the notice to proceed permits, however we would request that the above Permanent Power and County Building C.O. be held until final notice is forwarded to your office as to the passing inspections for the new access and drainage improvements.

Please convey our continued thanks for the mutual assistance we receive through your offices and department.

NBW

Sincerely,
N. E. Miles

Access/Drainage Coordinator, FDOT Permits

FC

Florida Department of Transportation



JOSE ABREU
SECRETARY

JEB BUSH
GOVERNOR

ACCESS PERMIT

FDOT - Lake City Maintenance
Permits Department
Post Office Box 1415
Lake City, FL 32056-1415
Date: 8-31-05

Bailey, Bishop & Lane, Inc.
Gregory Bailey, P.E.
P. O. Box 3717
Lake City, FL 32056-3717

RE: Approved FDOT Access & Drainage Connection Permits

Permittee: Norton Home Improvements Company, Inc. & Verdale Rentals, Inc.
Access Permit No: Access 05-A-292-0030
Drainage Permit No: 05-D-292-0004
State Highway No: 25, (US 41/441 SOUTH) / Permit Category: B
State Section No: 29030 / State Mile Post: 20.740 + -
Application Fee: \$ 250.00 / Category B

Mr. Bailey:

This will acknowledge your request on behalf of your client, Mr. James Norton for Norton Home Improvements in making proposed Access and Roadway Improvements as well as new Emergency Drainage Connection to State Highway No. 25 (South) in Columbia County, Florida. Your client is hereby granted permission by State Access permit to make the following Access and Roadway Improvements.

Access Connection Details

Proposed for Construction is a new twenty-six foot wide commercial access connection. The new driveway shall have a minimum total of eighty-three plus LF of eighteen inch diameter RCP side drain pipe. Two RCP Mitered End Sections shall be required to be constructed to each end of the RCP main side drain pipe with concrete pads poured around each, all per FDOT Index No. 273. The new 18 inch diameter RCP side drain structure must be placed a minimum of 4 inches below the existing grassed ditch flow line for future maintenance purposes. A 2 inch section of the NB outside pavement edge shall be mechanically sawn for a smooth transition with the newly planted asphalt connection.

Pavement Design Details

The new commercial access shall be constructed with a minimum twelve (12") inch depth Stabilized earth subgrade (LBR 40 required), eight inches of compacted crushed FDOT Certified Limerock Base Material Course with a 0.1 gal./S.Y. Prime Coat with a minimum two (2") inch compacted finished asphalt surfaced course of FDOT Type SP-12.5. The new driveway shall have a 50 foot wide right-in turning radii and a 35 foot wide right-out turn radius. Both radii shall have minimum five foot wide earthen stabilized shoulders minimum 5 feet wide with two 1:4 sloped and stabilized shoulders throughout the full turn movements of both turnout radii.

Testing Requirements

All subgrade, base and or structural materials used shall require proof of passing density testing in accordance with those found in the most current FDOT Standard Specifications for Road & Bridge Construction Manual.

Page 2 of 3, Legal Permit Cover Letter
Access & Drainage Connection Permits 05-A-292-0030 & 05-D-292-0004
James Norton for Norton Home Improvements

Proof of passing density shall be forwarded to the local FDOT Permits Inspector at Lake City Maintenance a minimum of 48 hours in advance of any planned concurrent paving commencement. The Permittee, his/her General Contractor shall contact the FDOT Permits Office for directions from FDOT Permits Office as to the location of these tests sites. **No paving can commence without proof of passing density tests. Failure on the Permittee's behalf to provide the necessary density tests results is reason to suspend the Permittee's FDOT issued permit.**

Pavement Striping and Signage Requirements

The new asphalt connections finished surface course shall be striped out with a 14 foot wide right-in and a 12 foot wide right-out lane separation, (see sheet 4) with stop bar and double yellow lane separation striping as shown on the approved plans. Per the approved permit and site plan all required pavement striping shall be with a certified "Lead Free", Thermoplastic marking and striping material for those areas lying both on and off FDOT R/W that pertain to the approved permitted driveway attaching to SR-25 (North Bound Lane). All new Thermoplastic Striping as well as aboveground signage shall conform to the State FDOT Indexes 17302, 17346 and/or 11860 for aboveground signs. **All thermoplastic marking materials shall be "Certified Lead Free" Materials.**

A single FDOT Series 600, 30 inch by 30 inch, R1-1 aboveground STOP SIGN and a single 24 inch X 30 inch R4-7AR "Keep Right" sign shall be required. All aboveground signs proposed to be constructed upon FDOT Right-of way shall be constructed per approved site plan and per FDOT Index No. 17302, Sheet 1 of 1. All metal posts on FDOT shall be aluminum two inch or greater in diameter and set at a minimum height of 7 feet from EOP grade with brackets per FDOT Index No. 11860. **All aboveground signs required under this approved permit shall have been constructed in place and according to FDOT Index Requirements before final driveway asphalt paving or concrete can commence. Notice: A 20-Day asphalt Cure-out period shall be required of the newly constructed asphalt surface course, before any thermoplastic markings may be placed down. The new connection shall not be utilized at any time before the FDOT Permits Office has made their final inspection with a passing grade inspection being received, with evidence of same to the Permittee.**

Drainage Connection Permit Details: Per Detail "B" on Sheet No. 10 a single one foot wide (1' stormwater flow area) concrete spill way shall be constructed per the plan details shown. A complete coverage of either Coastal Bermuda or Centipede grass sod shall be placed down around and over all disturbed areas of the concrete structures permitted to the FDOT R/W.

Roadway, Ditch/Slope Area, Grass Sodding Requirements & R/W Restoration

All areas of the ditch line its slopes, radii and other areas that fall within the limits of the permitted access turning radii shall receive a complete coverage of Certified Coastal Bermuda Grass Sod. All other areas outside this particular area shall require a complete coverage of hulled Bermuda grass and millet seed with copious amounts of Straw Mulch covering all. All areas upon FDOT R/W shall be made clean and acceptable.

Notice of Final Approved Plans Interpretation

The Local Permits Office having jurisdiction over the approved permit shall have final determination over all approved plans/ construction concepts and method details that could affect the FDOT Right-of-Way Property. Page 3 of 3, Legal Cover Letter /Access & Drainage Connection Permits No. 05-A-292-0030 & 05-D-292-0004
James Norton for Norton Home Improvements Access Connection

Notice of Pre-Construction Meeting (Mandatory)

The Permittee and his/her construction supervisor(s) shall meet a minimum of 48 hours in advance of activation of this permit, so that all parties will have an opportunity to read in detail this attached cover letter, review its plans and be provided the opportunity to ask any questions he or she may have in regards to this permit. It shall be the Permittee's responsibility to contact the local Permits Office no later than 48 hours in advance of the planned activation/construction commencement date, so that this provision can be completed satisfactory to all parties involved. **THIS IS A MANDATORY PERMIT PROVISION!!!**

Page 3 of 3, Legal Cover Letter
Access & Drainage Connection Permits No. 05-A-292-0030 & 05-D-292-0004
James Norton for Norton Home Improvements Access Connection

Stormwater Erosion Control Plan

The approved Permittee shall be solely responsible for the control of stormwater and it's affects during the complete construction phase of permitted improvements approved under this FDOT Access Permit No. 04-A-292-0042. Refer to the Erosion Control Plan on Sheet. 13 of the approved site plans for pre-construction set-up requirements. Under no conditions shall any work commence upon FDOT R/W before all required Stormwater and/or Erosion Control plan has been put in place.

Grass Sod Requirement Details

All slopes, shoulders, ditches, and other disturbed areas within the limits of the proposed paved turnout radii, shall be completely grass sodded with Certified Coastal Bermuda grass. Note: all grass shall be installed, watered and inspected for evidence of growth, before any paving can commence under this permit. Failure to complete this provision can be reason for temporary suspension of this permit. NOTICE: ALL R/W RESTORATION AND REQUIRED GRASS SOD SHALL BE PLACED DOWN AND INSPECTED BEFORE ANY ASPHALT PAVING CAN COMMENCE UNDER THIS APPROVED PERMIT.

All construction shall be to the most current F.D.O.T. Roadway and Traffic Design Standards and F.D.O.T. Standard Specifications for Road and Bridge Construction. All construction shall be per approved permit, cover letter, special provisions, and signed and sealed site plans and shall conform to all current F.D.O.T. Specifications and Inspections. No work can commence on F.D.O.T. right-of-way before the approved Maintenance of Traffic Plan is in place. The FDOT Permits Staff shall have final say as to any conflicts of interest that may occur, before, during or after the construction phase.

Save Harmless Clause

Please refer to the approved permit, site plan drawings and if attached addendum and/or Survey Plat for Access type, location and construction details. Refer to the approved connection permit for additional General and Special Provisions that could alter construction design plans as shown on the attached site plan sheet. A copy of the approved site plan and the permit itself shall be on site at all times. Construction on the Department of Transportation's Right-of-Way shall meet all of the Department's Standard Construction Specifications, and Safety Criteria.

This Permit is issued with the understanding that a Department approved contractor shall perform all construction in accordance with F.D.O.T. Specifications and that all costs of construction shall be borne by the applicant.

It is also understood and agreed that the rights and privileges herein set out, are granted only to the extent of the State's Right, Title and Interest in the land to be entered upon and used by the holder, and the holder will at all times, assume all risk of and indemnify, defend, and save harmless the State of Florida and the Department from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercise by said holder of the aforesaid rights and privileges.

Also, please request your Engineer or Representative to contact our Permits Coordinator, Neil E. Milles, located at 710 NW Lake Jeffery Road, Suite No. 101, Lake City, Florida, 32055-2621, Phone Number (904) 961-7193 or if no answer 961-7180, a minimum of 48 hours prior to your planned commencement date. Legal 2-way verbal contact is required.

Sincerely,
Neil E. Milles
Access Permits Coordinator

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DRIVEWAY CONNECTION PERMIT
FOR ALL CATEGORIES

PART 1: PERMIT INFORMATION

APPLICATION NUMBER: 05-A-292-0030

Permit Category: B Access Classification: 03

Project: MODIFICATION TO EXISTING DRIVE

Permittee: NORTON HOME IMPROVEMENT / JAMES NORTON

Section/Mile Post 29030/20.740+ State Road: 26 (S)

Section/Mile Post N/A State Road: N/A

PART 2: PERMITTEE INFORMATION

Permittee Name: NORTON HOME IMPROVEMENT / JAMES NORTON

Permittee Mailing Address: 3367 U.S HWY 441 SUITE 101

City, State, Zip: LAKE CITY, FL 32056

Telephone: (386)752-3331

Engineer/Consultant/Project Manager: BAILEY, BISHOP & LANE

Engineer responsible for construction inspection: JACK HUSBAND

Mailing Address: P.O. BOX 3717

City, State, Zip: LAKE CITY, FL 32056

Telephone: (386)752-5640

FAX, Mobile Phone, etc.

PART 3: PERMIT APPROVAL

The above application has been reviewed and is hereby approved subject to all Provisions as attached.

Permit Number: 05-A-292-0030

Department of Transportation

Signature: *Neil E. Miles*

Title: PERMITS COORDINATOR

Department Representative's Printed Name: NEIL E. MILES

Temporary Permit ☐ YES ☒ NO (If temporary, this permit is only valid for 6 months)

Special provisions attached ☒ YES ☐ NO

Date of Issuance: **SEP 01 2005**

If this is a normal (non-temporary) permit it authorizes construction for one year from the date of issuance. This can only be extended by the Department as specified in 14-96.007(6).

See following pages for General and Special Provisions

Oct 27 05 04:00P Cal-Tech Testing

3867525456

P. 1



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

October 27, 2005

Norton Home Improvement
3367 South U. S. Highway 441
Lake City, Florida 32025

Attention: Bubba Norton

Reference: Proposed Metal Building

Norton Home Improvement Site
Lake City, Florida
Cal-Tech Project No. 05-561

Dear Mr. Norton,

Cal-Tech Testing, Inc. has completed the subsurface investigation and engineering evaluation of the site for a metal building to be constructed at the referenced location. Our work was performed in conjunction with and authorized by you.

We understand the building will be single-story, of metal construction, and have a plan area of about 11,500 square feet. Support for the structure is to be provided by monolithic foundations. Anticipated foundation loads were not provided; however, we assume column and wall loads will not exceed 30 kips and 1.5 kips per foot, respectively.

The purposes of our investigation were to evaluate the existing subgrade soils for an allowable bearing pressure of 2,000 pounds per square foot and to provide recommendations as appropriate.

Site Investigation

The site was investigated by performing four (4) dynamic cone penetration tests with hand-auger borings advanced to depths of 7.0 feet. The borings were performed at the approximate locations indicated on the attached Location Plan. Boring locations were selected by Cal-Tech Testing, Inc., and the building limits were delineated on site.

The dynamic cone penetration test is performed by driving a standard 60-degree cone into the soil by blows from a 15-pound slide-hammer falling 20 inches. The number of blows required to advance the cone 1.75 inches is designated the dynamic cone penetration resistance. This value can be correlated to N-values of the Standard Penetration Test and is an index of soil density or consistency.

"Excellence in Engineering & Geoscience"

Hand-auger borings are performed by manually advancing a 3-inch diameter, metal sleeve into the soil to recover samples from limited depths. Samples are examined for soil type and color.

Findings

The soil borings generally encountered two soil strata. The first layer consists of 2 to 4 feet of loose to medium dense, tannish gray or grayish tan sand (SP) or sand with silt (SP/SM). The equivalent N-values of this layer range from 5 to 25 blows per foot.

The second layer consists of an undetermined thickness of generally medium dense to very dense, gray, red and orange, clayey sand (SC) or very stiff, sandy clay (CL). The equivalent N-values of this layer range from 8 to more than 50 blows per foot.

Groundwater was not encountered at the time of our investigation. For a more detailed description of the subsurface conditions encountered, please refer to the attached Boring Logs.

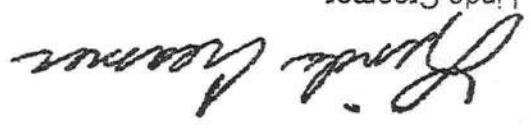
Discussion

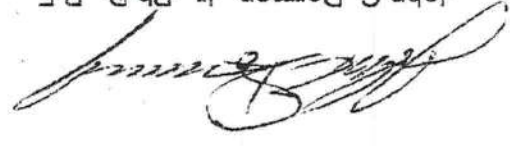
We have performed a bearing capacity analysis for the immediate bearing soils and have assumed a shallow, strip footing (thickened edge) with a bottom width of 18 inches and bottom embedment of 16 inches. For this foundation and the site soils as encountered, we obtained an allowable bearing capacity of 2,000 pounds per square foot with a factor of safety of about 1.8 against a bearing capacity failure. It is therefore our opinion the subgrade soils are suitable for an allowable bearing capacity of 2,000 pounds per square foot.

Only normal, good practice site preparation procedures should be required to prepare the building site.

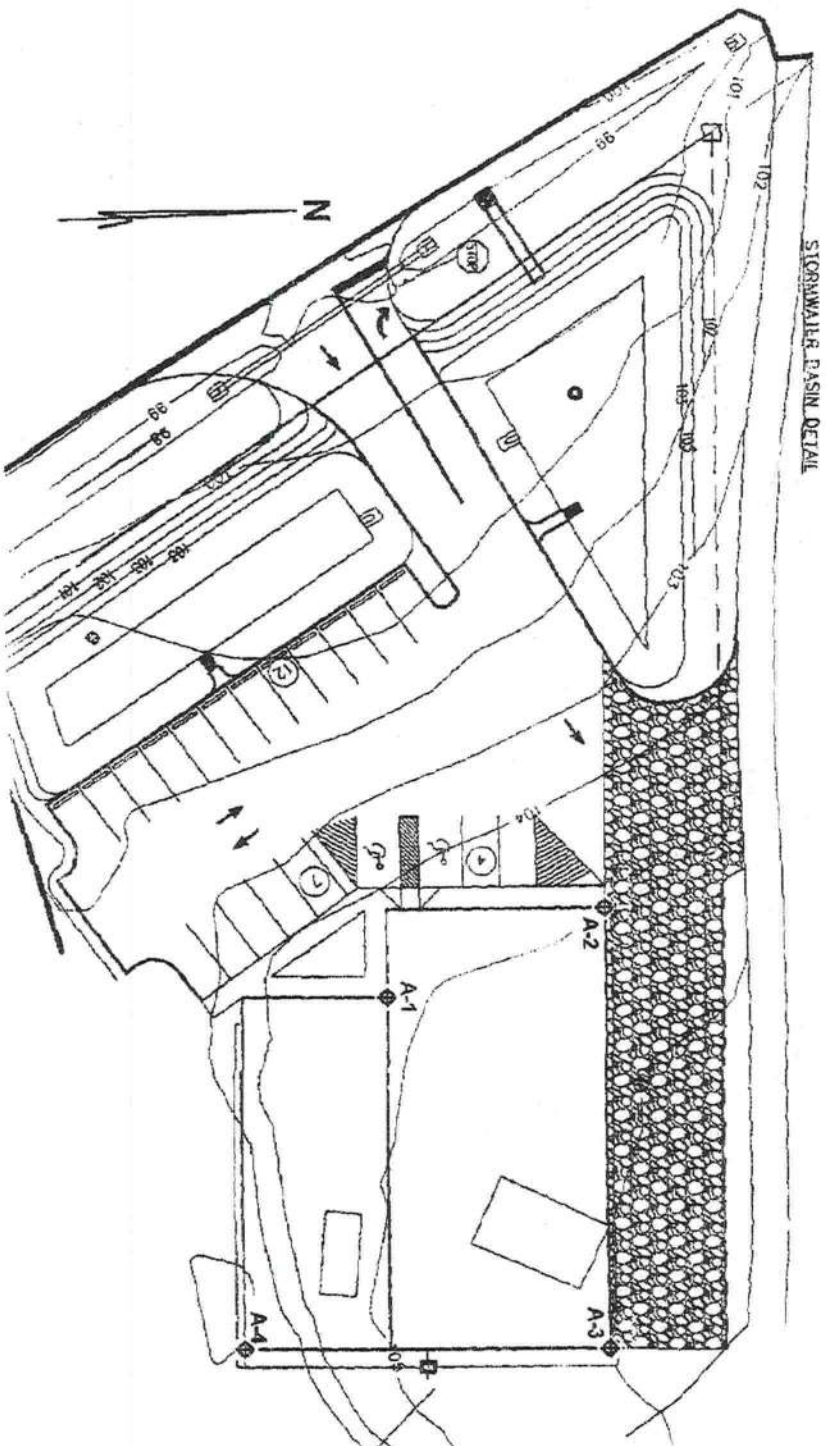
We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us should you have questions concerning this report or if we may be of further assistance.

Respectfully submitted,
Cal-Tech Testing, Inc.

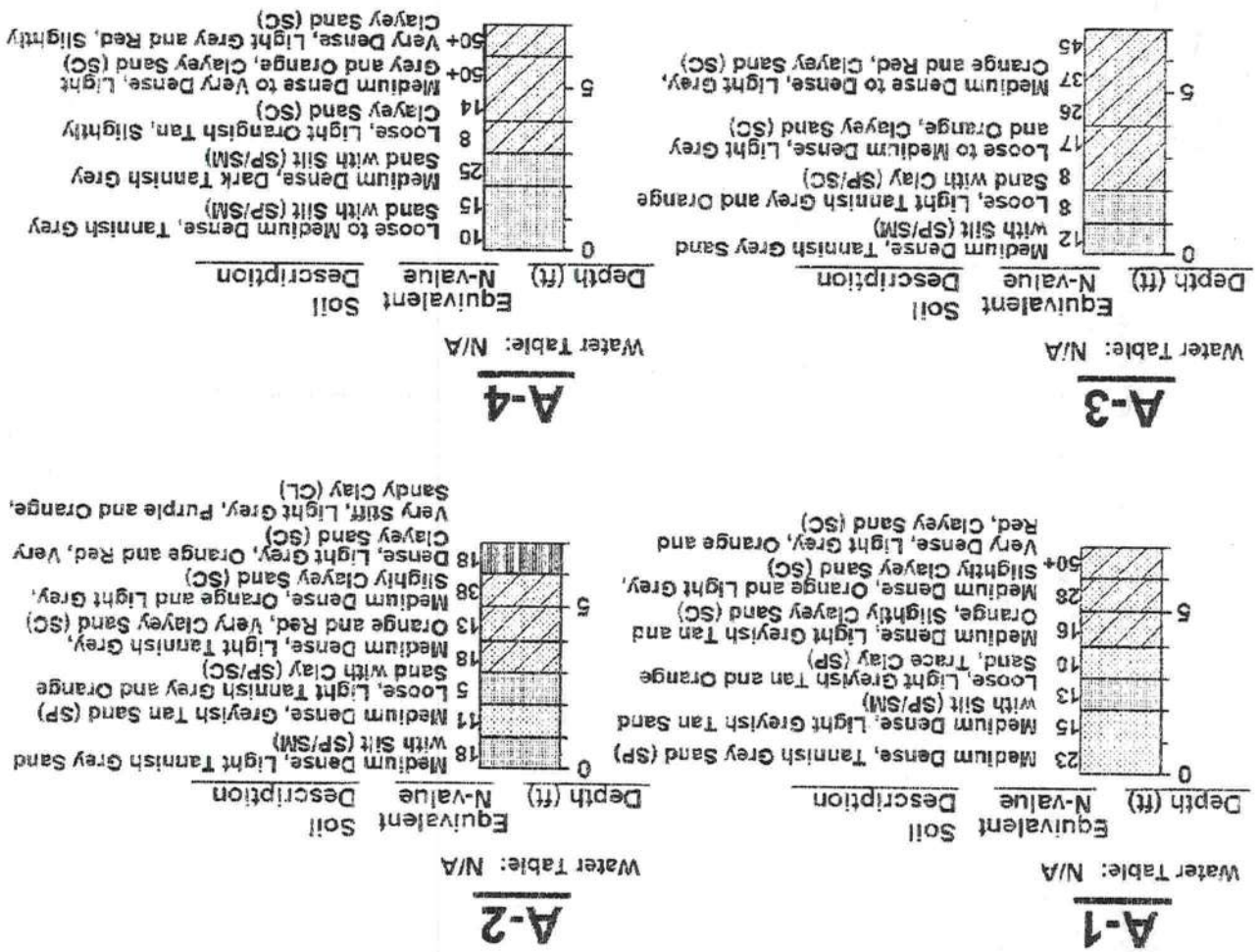

Linda Creamer
President / CEO


John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer 10/27/95 52612

Norton Home Improvement



Boring Logs: Proposed Metal Building
Norton Home Improvement



Columbia County Property Appraiser

DB Last Updated: 9/16/2005

Parcel: 17-4S-17-08435-000

Tax Record

Property Card

Interactive GIS Map

Print

Search Result: 1 of 1

Owner & Property Info

Owner's Name	VERNDAL RENTALS INC
Site Address	US HWY 441
Mailing Address	3367 S US HWY 441 SUITE 101 LAKE CITY, FL 32025
Brief Legal	ALL BLOCK D OAKWOOD S/D, ORB 301-339, 620-619,

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$35,000.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (2)	\$93,560.00
XFOB Value	cnt: (3)	\$15,074.00
Total Appraised Value		\$143,634.00

Just Value	\$143,634.00
Class Value	\$0.00
Assessed Value	\$143,634.00
Exempt Value	\$0.00
Total Taxable Value	\$143,634.00

Sales History

Sale Date	4/20/1987	Book/Page	620/619	Inst. Type	WD	Sale Vimp	I	Sale Qual	U	Sale RCode	Sale Price
\$105,000.00											

Building Characteristics

Bldg Item	Bldg Desc	Year Bilt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1973	WD or PLY (08)	660	746	\$11,381.00
2	PREF M B A (008700)	1993	Mod Metal (25)	6924	9596	\$82,179.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Bilt	Value	Units	Dims	Condition (% Good)
0294	SHED WOOD/	0	\$500.00	1.000	8 x 16 x 0	(.00)
0166	CONC,PAVMT	0	\$13,574.00	15082.000	0 x 0 x 0	(.00)
0140	CLFENCE 6	1993	\$1,000.00	1.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
004817	STORG/ OFF (MKT)	3.500 AC	1.00/1.00/1.00/1.00	\$10,000.00	\$35,000.00

Columbia County Property Appraiser

DB Last Updated: 9/16/2005

DRAINAGE CONNECTION PERMIT

To be completed by DOT

Drainage Connection Permit Application No. 05-D-292-0004

State Road No. 25 (S)
Section No. 29030
Milepost 20.750 + -
Construction Project No. Station FROM TO

To be completed by Applicant

I, James Norton
(NAME OF APPLICANT)
3367 U.S. Hwy 441 Suite 101
(MAILING ADDRESS)
Lake City
(CITY)
Florida
(STATE)
32056
(ZIP)
386-752-3331
(TELEPHONE)

having read the terms and conditions which follow, request permission to construct and operate a drainage connection between

(DESCRIBE YOUR FACILITY)

Norton Home Improvements will consist of two stormwater basins that are connected with an 18" CMP. These stormwater basins will treat storm water for the entire site.

Once SW has been treated it shall be able to overflow to the FDOT R/W
by way of a permitted overflow structure (concrete) to the FDOT R/W ditch.
and the facilities of the Department of Transportation by construction of a (DESCRIBE PROPOSED CONNECTION)

The proposed connection will be an emergency concrete overflow flume with a width of 1' at 102.8. The flume will connect to the Bottom of the FDOT ditch with a splash pad.

on the Department's right of way at the following location: The proposed connection is 350 linear feet from the intersection of US 441 and County Road 252.

on State Road No. 25 U.S. Highway No. 441 County Columbia

To be completed By DOT

1. This permit is a license for permissive use only and does not convey any property rights either in real estate or material, or any exclusive privilege and it does not authorize any injury to private property or invasion of private rights, or any infringement of Federal, State or local laws or regulations; nor does it obviate the necessity of obtaining any required state or local approvals.
2. The drainage connection as authorized herein shall be constructed and thereafter maintained in accordance with the documents attached hereto and incorporated by reference herein. All construction on the Department's right of way shall conform to Department specifications and the Department's manual on Traffic Controls and Safe Practices for Street and Highway Construction, Maintenance and Utility Operation. Such construction shall be subject to the supervision and approval of the Department, and the Department may at any time make such inspections as it deems necessary to assure that the drainage connection is in compliance with this permit.
3. The entire expense of construction within the Department right of way, including replacement of existing pavement or other existing features, shall be borne by the permittee.
4. The permittee shall maintain that portion of the drainage connection authorized herein located on his property in good condition. The Department shall maintain that portion of the drainage connection authorized herein located within its right of way.
5. If the drainage connection is not constructed, operated or maintained in accordance with this permit, the permit may be suspended or revoked. In this event modification or removal of any portion of the drainage connection from the Department's right of way shall be at the permittee's expense.
6. The Department reserves the right to modify or remove the drainage connection to prevent damage or in conjunction with road improvements.
7. The permittee shall make no attempt to forbid the full and free use by the public of all navigable waters at or adjacent to the drainage connection.
8. It is understood and agreed that the rights and privileges herein set out are granted only to the extent of the Department's right, title, and interest in the land to be entered upon and used by the permittee, and the permittee will, at all times, assume all risk of and indemnify, defend and save harmless the Department from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercises by said permittee of these rights and privileges, regardless of the respective degrees of fault of the parties.
9. The permittee shall notify the Department of Transportation Maintenance Office located at 710 NW Lk. Jeffery Rd. Suite No. 101, Lake City, FL Telephone 889 961-7180 60 days after such notification, the permittee shall notify the Department of the anticipated completion date. It such construction is not completed within the right of way. Construction of any work on the right of way shall be completed within 60 days after such notification, the permittee shall notify the Clerk of the Circuit Court for the name, address, and telephone number of any gas line owner who will provide information upon request on possible conflicts between the gas line and the permittee's drainage connection. The permittee shall also locate all utilities and obtain information from utility owners as to possible conflicts between utilities and the drainage connection. The permittee shall be solely responsible for any damage to or conflicts with gas lines, utilities and/or third persons.
11. This permit shall expire if construction on the drainage connection is not begun within one year from the date of approval and if construction on the drainage connection is not completed by (Date) 09-01-2006
12. All the provisions of this permit shall be binding on any assignee or successor in interest of the permittee.

Witnessed By: Robert T. Pless
(MAILING ADDRESS)(CITY)(STATE)(ZIP)
20487 CR 137 Lake City, FL 32024

Witnessed By: [Signature]
(MAILING ADDRESS)(CITY)(STATE)(ZIP)
3367 U.S. Hwy 441 Suite 101 Lake City, Florida 32056

Applicant: James Norton

The above special conditions are hereby accepted and agreed to this 6th day of June, 2005

To be completed by Applicant

(SIGNATURE)

ACCESS PERMITS COORDINATOR

09-01-2005

(DATE OF APPROVAL)

(TITLE)

Department of Transportation:

DISPOSAL INCLUDING DRAINAGE.

AND THE PERMITTEE BY ACCEPTANCE OF THIS PERMIT ASSUMES RESPONSIBILITY FOR SUCH

RESPONSIBILITY FOR DISPOSAL OF WATER, OR MATERIALS OF ANY KIND BY THE PERMITTEE

THE DEPARTMENT OF TRANSPORTATION BY ISSUANCE OF THIS PERMIT ASSUMES NO

The above request has been reviewed and has been found to meet the regulations as prescribed, and is hereby approved, subject to the following special conditions:

To be completed by DOT

Witnessed By: [Signature]
(MAILING ADDRESS)(CITY)(STATE)(ZIP)
9430 N US Hwy 441, Lake City, FL 32055

Witnessed By: Robert T. Pless
(MAILING ADDRESS)(CITY)(STATE)(ZIP)
20487 CR 137 Lake City, FL 32024

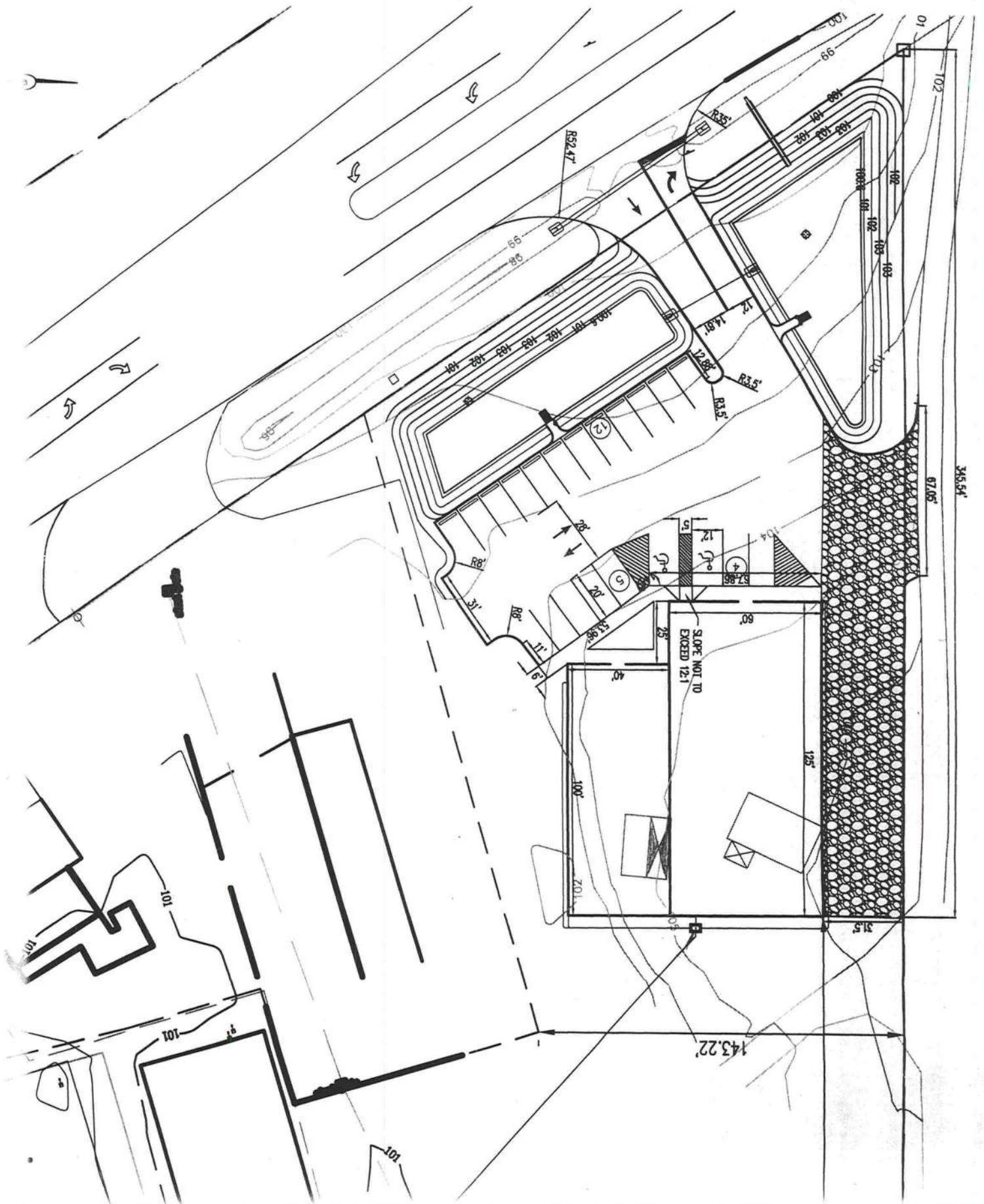
3367 U.S. Hwy 441 Suite 101
(MAILING ADDRESS)

Lake City, Florida 32056
(CITY)(STATE)(ZIP)

Applicant: James Norton

The above conditions are hereby accepted and agreed to this 6 day of June, 2005
is signed by a representative of the permittee, then a letter of authorization from the permittee must be attached.)
(If this application

To be completed by Applicant





**SUWANNEE
RIVER
WATER
MANAGEMENT
DISTRICT**
9225 CR 49
LIVE OAK, FLORIDA 32060
TELEPHONE: (386) 362-1001
TELEPHONE: 800-226-1066
FAX (386) 362-1056

GENERAL PERMIT

PERMITTEE:

NORTON HOME IMPROVEMENT COMPANY, INC.
3367 SOUTH U.S. HIGHWAY 441
LAKE CITY, FL 32025

PERMIT NUMBER: ERP90-0204M2
DATE ISSUED: 10/04/2005
DATE EXPIRES: 10/04/2008
COUNTY: COLUMBIA
TRS: S17/T4S/R17E

PROJECT: NORTON HOMES MODIFICATION #2

Approved entity to whom operation and maintenance may be transferred pursuant to rule 40B-4.1130, Florida Administrative Code (F.A.C.):

JAMES NORTON
NORTON HOME IMPROVEMENT COMPANY, INC.
3367 SOUTH U.S. HIGHWAY 441
LAKE CITY, FL 32025

Based on information provided, the Suwannee River Water Management District's (District) rules have been adhered to and an environmental resource general permit is in effect for the permitted activity description below:

Previous permit issued for 2.56 acres of impervious surface on 3.37 acres. Modification consists of construction and operation of a surfacewater management system serving 2.89 acres of impervious surface on a total project area of 4.00 acres in a manner consistent with the application package submitted by Jerome Leszkiewicz from Bailey Bishop & Lane, Inc. certified on September 12, 2005.

It is your responsibility to ensure that adverse off-site impacts do not occur either during or after construction. Any additional construction or alterations not authorized by this permit may result in flood control or water quality problems both on and off site and will be a violation of District rule.

You or any other substantially affected persons are entitled to request an administrative hearing pursuant to ss. 120.57(1), Florida Statutes (F.S.), and s. 40B-1.511, F.A.C., if they object to the District's actions. Failure to request a hearing within 14 days will constitute a waiver of your right

to request such a hearing. In addition, the District will presume that permittee waives Chapter 120, F.S., rights to object or appeal the action upon commencement of construction authorized by the permit.

This permit is issued under the provisions of chapter 373, F.S., chapter 40B-4, and chapter 40B-400, F.A.C. A general permit authorizes the construction, operation, maintenance, alteration, abandonment, or removal of certain minor surface water management systems. This permit authorizes the permittee to perform the work necessary to construct, operate, and maintain the surface water management system shown on the application and other documents included in the application. This is to notify you of District's agency action concerning Notice Of Intent. This action is taken pursuant to rule 40B-4 and 40B-400, F.A.C.

Standard Conditions for All General Permits:

1. The permittee shall perform all construction authorized in a manner so as to minimize adverse impacts to fish, wildlife, natural environmental values, and water quality. The permittee shall institute necessary measures during construction including riprap, reinforcement, or compaction of any fill materials placed around newly installed structures, to minimize erosion, turbidity, nutrient loading, and sedimentation in the receiving waters.

2. Water quality data representative of the water discharged from the permitted system, including, but not limited to, the parameters in chapter 62-302, F.A.C., shall be submitted to the District as required. If water quality data are required, the permittee shall provide data as required on the volume and rate of discharge including the total volume discharged during the sampling period. All water quality data shall be in accordance with and reference the specific method of analysis in "Standard Methods for the Examination of Water and Wastewater" by the American Public Health Association or "Methods for Chemical Analysis of Water and Wastes" by the U.S. Environmental Protection Agency.

3. The operational and maintenance phase of an environmental resource permit will not become effective until the owner or his authorized agent certifies that all facilities have been constructed in accordance with the design permitted by the District. If required by the District, such as-built certification shall be made by an engineer or surveyor. Within 30 days after the completion of construction of the system, the permittee shall notify the District that the facilities are complete. If appropriate, the permittee shall request transfer of the permit to the responsible entity approved by the District for operation and maintenance. The District may inspect the system and, as necessary, require remedial measures as a condition of transfer of the permit or release for operation and maintenance of the system.

4. Off-site discharges during and after construction shall be made only through the facilities

authorized by the permit. Water discharged from the project shall be through structures suitable for regulating upstream stage if so required by the District. Such discharges may be subject to operating schedules established by the District.

5. The permit does not convey to the permittee any property right nor any rights or privileges other than those specified in the permit and chapter 40B-1, F.A.C.

6. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, operation, maintenance, alteration, abandonment, or development in a Works of the District which is authorized by the permit.

7. The permit is issued based on the information submitted by the applicant which reasonably demonstrates that adverse off-site water resource impacts will not be caused by the permitted activity. It is the responsibility of the permittee to insure that such adverse impacts do not in fact occur either during or after construction.

8. It is the responsibility of the permittee to obtain all other clearances, permits, or authorizations required by any unit of local, state, or federal government.

9. The surfacewater management system shall be constructed prior to or concurrent with the development that the system is intended to serve and the system shall be completed within 30 days of substantial completion of the development which the system is intended to serve.

10. Except for General Permits After Notice or permits issued to a unit of government, or unless a different schedule is specified in the permit, the system shall be inspected at least once every third year after transfer of a permit to operation and maintenance by the permittee or his agent to ascertain that the system is being operated and maintained in a manner consistent with the permit. A report of inspection is to be sent to the District within 30 days of the inspection date. If required by chapter 471, F.S., such inspection and report shall be made by an engineer.

11. The permittee shall allow reasonable access to District personnel or agents for the purpose of inspecting the system to insure compliance with the permit. The permittee shall allow the District, at its expense, to install equipment or devices to monitor performance of the system authorized by their permit.

12. The surfacewater management system shall be operated and maintained in a manner which is consistent with the conditions of the permit and chapter 40B-4.2040, F.A.C.

13. The permittee is responsible for the perpetual operation and maintenance of the system unless the operation and maintenance is transferred pursuant to chapter 40B-4.1130, F.A.C., or the permit

is modified to authorize a new operation and maintenance entity pursuant to chapter 40B-4.1110, F.A.C.

14. All activities shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity shall constitute a violation of this permit.

15. This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications, shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by District staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.

16. Activities approved by this permit shall be conducted in a manner which do not cause violations of state water quality standards.

17. Prior to and during construction, the permittee shall implement and maintain all erosion and sediment control measures (best management practices) required to retain sediment on-site and to prevent violations of state water quality standards. All practices must be in accordance with the guidelines and specifications in the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual unless a project specific erosion and sediment control plan is approved as part of the permit, in which case the practices must be in accordance with the plan. If site-specific conditions require additional measures during any phase of construction or operation to prevent erosion or control sediment, beyond those specified in the erosion and sediment control plan, the permittee shall implement additional best management practices as necessary, in accordance with the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.

18. Stabilization measures shall be initiated for erosion and sediment control on disturbed areas as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than seven days after the construction activity in that portion of the site has temporarily or permanently ceased.

19. At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the District a Construction Commencement Notice Form No. 40B-1.901(14) indicating the actual start date and the expected completion date.

20. When the duration of construction will exceed one year, the permittee shall submit construction status reports to the District on an annual basis utilizing an Annual Status Report Form No. 40B-1.901(15). These forms shall be submitted during June of each following year.

21. For those systems which will be operated or maintained by an entity requiring an easement or deed restriction in order to provide that entity with the authority necessary to operate or maintain the system, such easement or deed restriction, together with any other final operation or maintenance documents as are required by Paragraph 40B-4.2030(2)(g), F.A.C., and Rule 40B-4.2035, F.A.C., must be submitted to the District for approval. Documents meeting the requirements set forth in these subsections of District rules will be approved. Deed restrictions, easements and other operation and maintenance documents which require recordation either with the Secretary of State or Clerk of the Circuit Court must be so recorded prior to lot or unit sales within the project served by the system, or upon completion of construction of the system, whichever occurs first. For those systems which are proposed to be maintained by county or municipal entities, final operation and maintenance documents must be received by the District when maintenance and operation of the system is accepted by the local governmental entity. Failure to submit the appropriate final documents referenced in this paragraph will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system.

22. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of site or infrastructure located within the area served by that portion of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of that phase or portion of the system to a local government or other responsible entity.

23. Within 30 days after completion of construction of the permitted system, or independent portion of the system, the permittee shall submit a written statement of completion and certification by a registered professional engineer or other appropriate individual as authorized by law, using the supplied As-Built Certification Form No. 40B-1.901(16) incorporated by reference in Subsection 40B-1.901(16), F.A.C. When the completed system differs substantially from the permitted plans, any substantial deviations shall be noted and explained and two copies of as-built drawings submitted to the District. Submittal of the completed form shall serve to notify the District that the system is ready for inspection. The statement of completion and certification shall be based on on-site observation of construction (conducted by the registered professional engineer, or other appropriate individual as authorized by law, or under his or her direct supervision) or review of as-built drawings for the purpose of determining if the work was completed in compliance with approved plans and specifications. As-built drawings shall be the permitted drawings revised to reflect any changes made during construction. Both the original and any revised specifications must be clearly shown. The plans must be certified by a registered surveyor. The following information, at a minimum, shall be verified on the as-built drawings:

a. Dimensions and elevations of all discharge structures including all weirs, slots, gates, pumps,

pipes, and oil and grease skimmers;

b. Locations, dimensions, and elevations of all filter, exfiltration, or underdrain systems including cleanouts, pipes, connections to control structures, and points of discharge to the receiving waters;

c. Dimensions, elevations, contours, or cross-sections of all treatment storage areas sufficient to determine stage-storage relationships of the storage area and the permanent pool depth and volume below the control elevation for normally wet systems, when appropriate;

d. Dimensions, elevations, contours, final grades, or cross-sections of the system to determine flow directions and conveyance of runoff to the treatment system;

e. Dimensions, elevations, contours, final grades, or cross-sections of all conveyance systems utilized to convey off-site runoff around the system;

f. Existing water elevation(s) and the date determined; and

g. Elevation and location of benchmark(s) for the survey.

24. The operation phase of this permit shall not become effective until the permittee has complied with the requirements of the condition in paragraph 23 above, the District determines the system to be in compliance with the permitted plans, and the entity approved by the District in accordance with Rule 40B-4.2035, F.A.C., accepts responsibility for operation and maintenance of the system. The permit may not be transferred to such approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the District, the permittee shall request transfer of the permit to the approved responsible operation and maintenance operating entity if different from the permittee. Until the permit is transferred pursuant to Rule 40B-4.1130, F.A.C., the permittee shall be liable for compliance with the terms of the permit.

25. Should any other regulatory agency require changes to the permitted system, the permittee shall provide written notification to the District of the changes prior to implementation so that a determination can be made whether a permit modification is required.

26. This permit does not eliminate the necessity to obtain any required federal, state, local and special District authorizations prior to the start of any activity approved by this permit. This permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the permit and in this chapter and Chapter 40B-4, F.A.C.

27. The permittee is hereby advised that Section 253.77, F.S., states that a person may not commence any excavation, construction, or other activity involving the use of sovereign or other lands of the state, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on sovereignty lands or other state-owned lands.

28. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered specifically approved unless a specific condition of this permit or a formal determination under 40B-400.046, F.A.C., provides otherwise.

29. The permittee shall notify the District in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of the permitted system or the real property at which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of Rule 40B-4.1130, F.A.C. The permittee transferring the permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to such sale, conveyance or other transfer.

30. If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the District.

31. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.

WITHIN 30 DAYS AFTER COMPLETION OF THE PROJECT, THE PERMITTEE SHALL NOTIFY THE DISTRICT, IN WRITING, THAT THE FACILITIES ARE COMPLETE.

Approved by

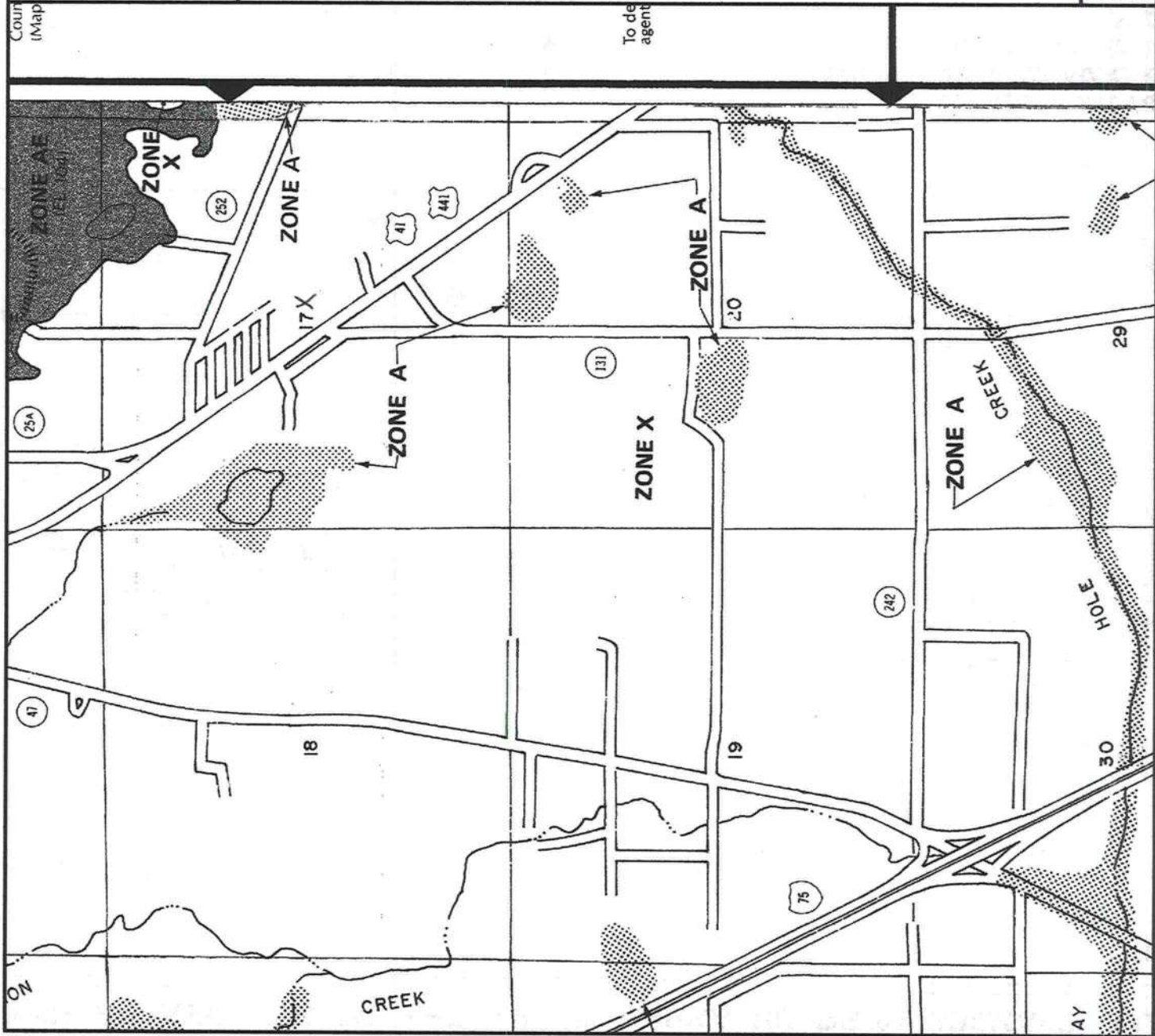
District Staff

Date Approved 10-7-05

Clerk

Executive Director

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 175 OF 290

COMMUNITY-PANEL NUMBER
120070 0175 B

EFFECTIVE DATE:
JANUARY 6, 1988

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/nifmap.

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * P. O. Box 1787 * Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE ISSUED: October 5, 2005

ENHANCED 9-1-1 ADDRESS:

3325 S US HIGHWAY 441 (LAKE CITY, FL 32025)

Addressed Location 911 Phone Number: NOT AVAIL.

OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS:

PROPERTY APPRAISER PARCEL NUMBER: 17-4S-17-08435-000

Other Contact Phone Number (If any):

Building Permit Number (If known):

Remarks:

Address Issued By:

Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REGISTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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.

Tax Parcel ID Number 17-45 -17 - 08435 -000

1. Description of property: (legal description of the property and street address or 911 address)
All Block D Oakwood S/D. ORB 301-339, 620-619,

2. General description of improvement: Construction Warehouse

3. Owner Name & Address Norton Home Improvement Co., Inc. 3367 S. US Hwy 441, Suite 101
Lake City, FL 32025

4. Name & Address of Fee Simple Owner (if other than owner): None
Interest in Property Own

5. Contractor Name James H. Norton
Phone Number (386) 752-3331

6. Surety Holders Name None
Address Same

7. Lender Name None
Amount of Bond
Address
Inst: 2005026314 Date: 10/21/2005 Time: 11:28
DC, P. Dewitt Cason, Columbia County B: 1062 P: 1768

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:

Name None
Address
Phone Number

9. In addition to himself/herself the owner designates None
of
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, Unless a different date is specified)

NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Signature of Owner
James H. Norton

NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before day of Oct 20, 2005

Signature of Notary
Patricia T. Foster
My Commission DD129966
Expires September 05, 2006

COLUMBIA COUNTY OFFICE OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 17-4S-17-08435-000

Building permit No. 000023806

Use Classification COMMERCIAL BLDG

Fire: 25.80

Permit Holder JAMES H. NORTON

Waste: _____

Owner of Building VERNDAL RENTALS(NORTON HOME IMP)Total: 25.80

Location: 3325 S US HIGHWAY 441 (SUITE 105)

Date: 06/07/2006




Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

CERTIFICATE OF OCCUPANCY

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 17-4S-17-08435-000 Building permit No. 000023806

Use Classification COMMERCIAL BLDG

Fire: 49.00

Permit Holder JAMES H. NORTON

Waste: _____

Owner of Building VERNDAL RENTALS(NORTON HOME IMP) Total: 49.00

Location: 3325 S US HIGHWAY 441 (SUITE 101)

Date: 05/26/2006



[Signature]

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

CERTIFICATE OF OCCUPANCY

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 17-4S-17-08435-000

Building permit No. 000023806

Use Classification COMMERCIAL BLDG

Fire: 25.24

Permit Holder JAMES H. NORTON

Waste: _____

Owner of Building VERNDAL RENTALS(NORTON HOME IMP) Total: 25.24

Location: 3325 S US HIGHWAY 441 (SUITE 103)

Date: 06/07/2006

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



LAKE CITY / COLUMBIA COUNTY

FIRE DEPARTMENT

225 NW Main Blvd., Suite 101, Lake City, FL 32055
Phone: 386-752-3312 Fax: 386-758-5424



Alphonso Wilson
Fire Chief

To: John Kerce, Col. Co. Building & Zoning

FROM: Frank E. Armijo, Captain
State Fire Inspector License #112877

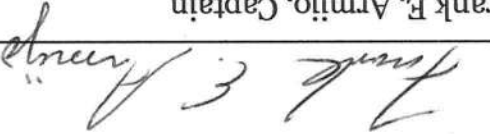
Inspection Division
Fire Safety Inspectors
Carlton A. Tunstall
Assistant Fire Chief
Frank E. Armijo
Captain
Nathaniel L. Williams, Sr.
Driver/Engineer

DATE: May 25, 2006

SUBJECT: Fire Safety Inspection

A fire safety inspection was performed today at Wayne's Carpet Plus suite 101,103, & 105, located at 3027 US Hwy 441 S, Lake City, FL. This business meets all requirements of Chapter 38 of the Florida Fire Prevention Code, 2004 Edition. No violations were noted. I recommend approval.

Frank E. Armijo, Captain
State Fire Inspector License #112877

A handwritten signature in black ink, appearing to read "Frank E. Armijo".

23806