

DATE 06/19/2003

Columbia County Building Permit / Application

PERMIT

000020806

New Resident N


This Permit Expires One Year From Date of Issue

APPLICANT TERRANCE SIMONSON PHONE 386-935-0882
 ADDRESS 22630 45TH DRIVE LAKE CITY FL 32024
 OWNER WINDSWEPT INDUSTRIAL SD PHONE _____
 ADDRESS _____ FL _____
 CONTRACTOR TERRANCE SIMONSON PHONE _____
 LOCATION OF PROPERTY 47 SOUTH RIGHT 242 RIGHT ON ARROWHEAD
ACROSS FROM FREIGHTLINER TRUCK LOT
 TYPE DEVELOPMENT UTILITY, Warehouse ESTIMATED COST OF CONSTRUCTION 50000.00
 FLOOR AREA _____ TOTAL AREA 2400.00 HEIGHT 15.08 STORIES 1 WALLS METAL
 FOUNDATION CONCRETE ROOF (Type & Pitch) 1/12 FLOOR SLAB
 LAND USE & ZONING INDUSTRIAL MAX. HEIGHT 35
 MINIMUM SET BACK: STREET-FRONT / SIDE 20.00 REAR 15.00 SIDE 15.00
 NO. EX.D.U. 0 FLOOD ZONE X CERT. DATE _____ DEV. PERMIT _____

LEGAL DESCRIPTION

PARCEL ID 24-4S-16-03120-103 SUBDIVISION WINDSWEPT INDUSTRIAL S/D
 BLOCK _____ LOT 3 UNIT 1 TOTAL ACRES 1.69

I certify that all work will be performed to meet the standards of all laws regulating construction in this jurisdiction and that all foregoing information is accurate and all work will be done in compliance with all applicable laws regulating construction and zoning.

EXISTING N CGC1505274 
 Driveway Connection _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor
 03-0451-N BK JK
 Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____

FOR BUILDING & ZONING DEPARTMENT ONLY

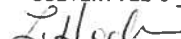

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
 date/app. by _____ date/app. by _____ date/app. by _____
 Under slab rough-in plumbing _____ slab _____ framing _____
 date/app. by _____ date/app. by _____ date/app. by _____
 Rough-in plumbing above slab and below wood floor _____
 date/app. by _____
 Electrical rough-in _____ Heat and Air Duct _____ Peri. beam _____
 date/app. by _____ date/app. by _____ date/app. by _____
 Permanent power _____ Final _____ Pool _____
 date/app. by _____ date/app. by _____ date/app. by _____

COMMENTS: NOC ON FILE/SDP APPROVED 03-1/ CK#1071

OTHER TYPES OF INSPECTIONS

Culvert _____ M/H tie downs, blocking, electricity and plumbing _____
 date/app. by _____ date/app. by _____
 Utility Pole _____ Pump pole _____ Reconnection _____
 date/app. by _____ date/app. by _____ date/app. by _____

BUILDING PERMIT FEE \$ 250.00 ZONING CERT. FEE \$ 25.00 Certification Fee \$ 12.00 Surcharge \$ 12.00
 MISC. FEES \$.00 CULVERT FEE \$ _____ TOTAL PERMIT FEE \$ 299.00
 INSPECTORS OFFICE  CLERKS OFFICE 

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES

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

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR 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.

Building Permit Application

Date 05-08-03

20806

Application No. 0305-51

Applicants Name & Address COMPLETE DESIGN & CONSTRUCTION, INC. Phone (386) 935-0888
22630-45TH DRIVE LAKE CITY, FL 32024

Owners Name & Address _____ Phone _____

Fee Simple Owners Name & Address _____ Phone _____

Contractors Name & Address Terrance Simonson Phone _____

Legal Description of Property COLUMBIA COUNTY, FL
LOT 3 WINDSWEEP INDUSTRIAL SUBDIVISION

Location of Property ARROWHEAD RD., LAKE CITY, FL 32024

Tax Parcel Identification No. 34-45-16-03120-103 Estimated Cost of Construction \$ 50,000.

Type of Development INDUSTRIAL PARK Number of Existing Dwellings on Property 0

Comprehensive Plan Map Category INDUSTRIAL Zoning Map Category ILW

Building Height 15' 8" Number of Stories 1 Floor Area 2400 Total Acreage in Development 1.69

Distance From Property Lines (Set Backs) Front 60' Side 80' Rear 217' Street 93'

Flood Zone X Certification Date _____ Development Permit N/A

Bonding Company Name & Address _____

Architect/Engineer Name & Address MARK DISOSWAY P.E. P.O. Box 868 LAKE CITY, FL 32056

Mortgage Lenders Name & Address PEOPLES STATE BANK 350 SW MAIN BOULEVARD P.O. Box 2199 LAKE CITY, FL

Application is hereby made to obtain a permit to do the work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work will be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws 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 or Agent (including contractor)


Contractor

0601505274
Contractor License Number

STATE OF FLORIDA
COUNTY OF COLUMBIA
Sworn to (or affirmed) and subscribed before me
this _____ day of _____ by _____

STATE OF FLORIDA
COUNTY OF COLUMBIA
Sworn to (or affirmed) and subscribed before me
this _____ day of _____ by _____

Personally Known _____ OR Produced Identification

Personally Known _____ OR Produced Identification



SUWANNEE RIVER WATER MANAGEMENT DISTRICT

May 13, 2003

Mr. Terrence M. Simonson
Complete Design & Construction, Inc.
22630 45th Drive
Lake City, Florida 32024

Subject: Requested Environmental Resource Permit (ERP) Exemption
for ERP03-0171, Complete Design and Construction Office,
Columbia County

Dear Mr. Simonson:

The above-mentioned proposed project of the construction of a building and parking lot in Windswept Industrial Subdivision, in Columbia County, does not require a new ERP or a modification to the existing permit, ERP01-0407, by the Suwannee River Water Management District (SRWMD). This decision was based on the existing permit and the letter and plans received on May 5, 2003 for this project. It has been determined that the proposed project follows subsection 40B-4.1070(1)(c) and 40B-4.1070(1)(f), Florida Administrative Code (F.A.C.), and provides reasonable assurance that:

1. The existing stormwater system was designed for connections.
2. The existing stormwater system is functioning as permitted.
3. The master system will not change as a result of the connection.
4. The project will not exceed any thresholds established by the existing permit.

If this project does not comply with these terms, a permit will be required.

This exemption, however, does not exempt you from obtaining permits from any other regulatory agency. Since this permit was also reviewed and issued by the agency now known as Florida Department of Environmental Protection, please also notify them of the changes to the project. Any modification to the exempted plans that may be required shall require reconsideration by the SRWMD prior to commencement of construction.

DAVID POPE
Chairman
Alachua, Florida

SYLVIA J. TATUM
Vice Chairman
Lawtey, Florida

C. LINDEN DAVIDSON
Secretary/Treasurer
Lamont, Florida

KELBY ANDREWS
Chiefland, Florida

DON R. EVERETT, JR.
Perry, Florida

GEORGIA JONES
Lake City, Florida

OLIVER J. LAKE
Lake City, Florida

JOHN P. MAULTSBY
Madison, Florida

LOUIS SHIVER
Mayo, Florida

JERRY A. SCARBOROUGH
Executive Director
Live Oak, Florida



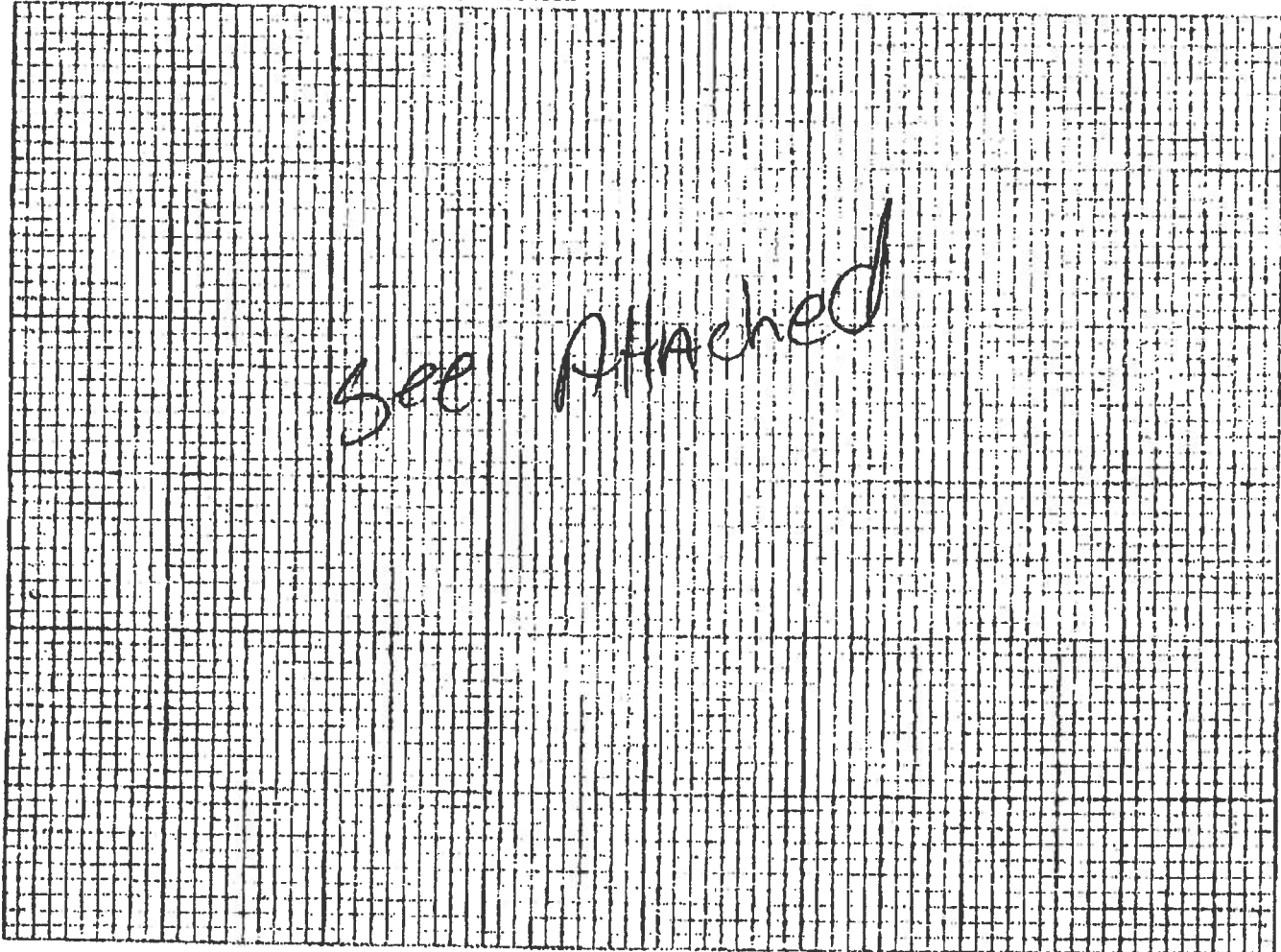
STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

03-0451 TV

----- PART II - SITE PLAN -----

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: Rod DFO

Signature

agent

Title

Plan Approved X

Not Approved _____

Date 5-4-03By Jh. Sweeney

Columbia

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

May 05 03 08:27a

TERRY SIMONSON

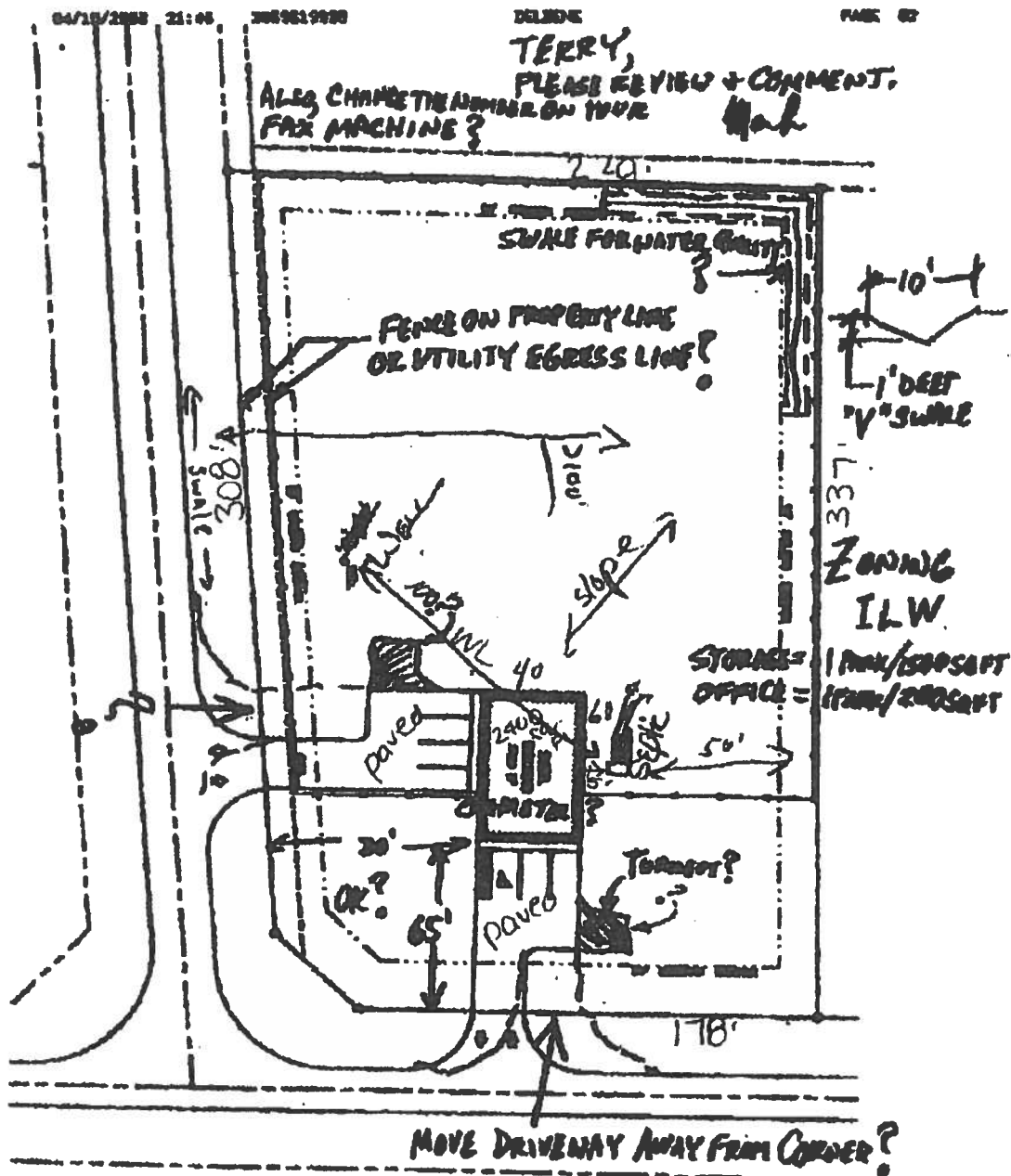
3869350868

p. 1

From: 386-758-2284 To: Terry Simonson

Date: 4/29/2003 Time: 11:00:00 AM

935-0868FAX



Rock D F O

approved 5/6/03

Jh. [signature] Columbia CHD

03-0451-N

May 05 03 08:27a

TERRY SIMONSON

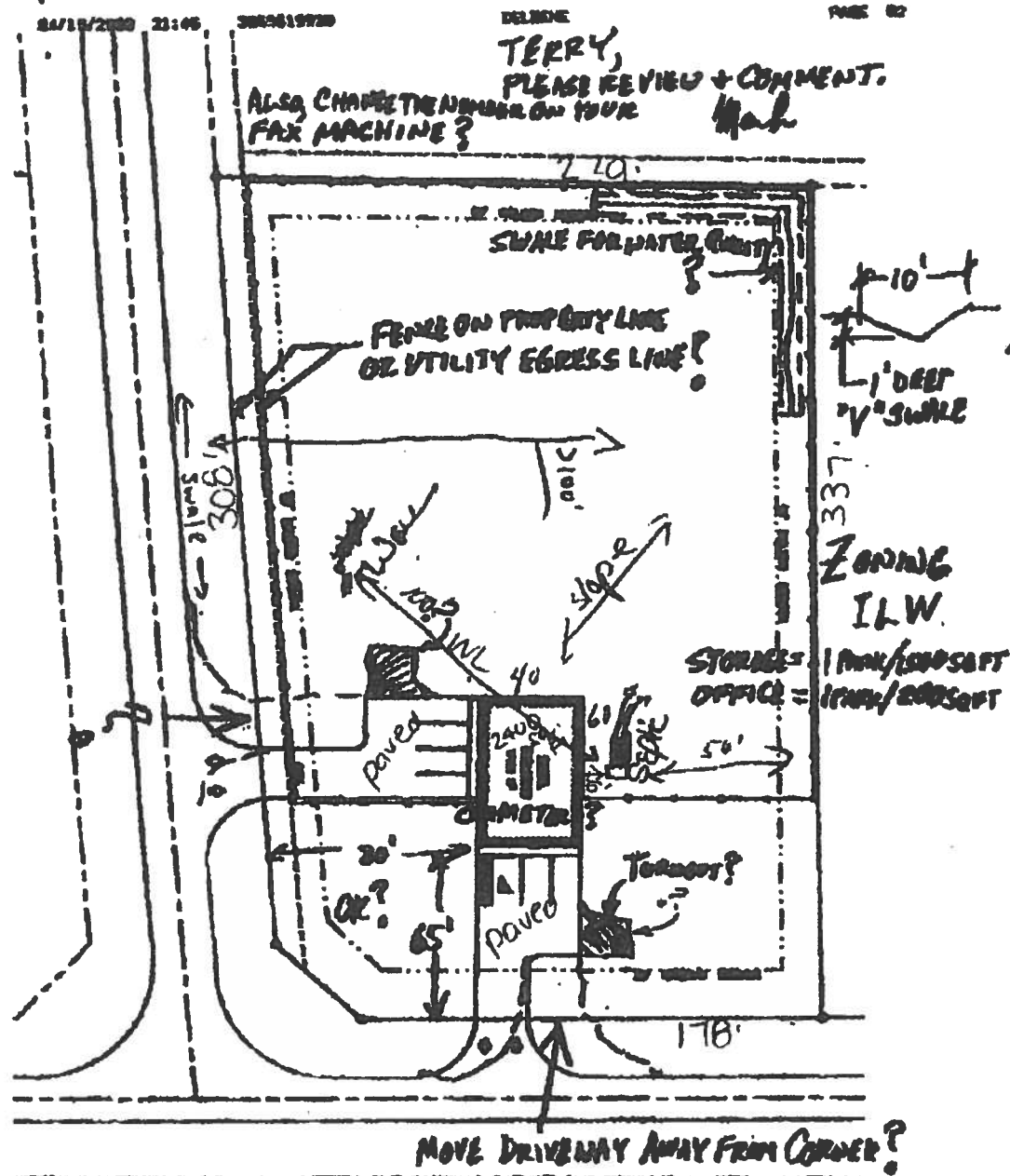
3969350868

p.1

From: 396-780-2234 To: Terry Simonson

Date: 05/05/2003 Time: 1:00:00 PM

935-0868FAX



Rock D F O

approved 5/6/03

Sh. [signature] Columbia CHD

03-0451-N

MAY 06 03 18:34 No. 014 P. 03

ID: 386-758-2187

COL. CO. HEALTH DEPT.

429.10
429.11

THIS INSTRUMENT WAS PREPARED BY:

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

RETURN TO:

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

Inst:2003004562 Date:03/05/2003 Time:12:38
Doc Stamp-Deed : 429.10
MCK DC, P. DeWitt Cason, Columbia County E:976 P:1301

File No. 03-103

Property Appraiser's
Parcel Identification No.
24-4S-16-03120-103

WARRANTY DEED

THIS INDENTURE, made this 28th day of February 2003, BETWEEN DANIEL CRAPPS, Trustee under the provisions of a certain Trust Agreement dated the 1st day of November 1999, known as the Windswept Land Trust, whose post office address is 2806 West US Highway 90, Suite 101, Lake City, Florida 32055, of the County of Columbia, State of Florida, grantor*, and COMPLETE DESIGN & CONSTRUCTION, INC., a Florida corporation, whose post office address is 22630 45th Drive, Lake City, Florida 32024, of the County of Columbia, State of Florida, grantee*.

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

Lot 3 of WINDSWEPT INDUSTRIAL SUBDIVISION, PHASE ONE, a subdivision according to the plat thereof recorded in Plat Book 7, Pages 84 & 85 of the public records of Columbia County, Florida.

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


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


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


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

Signed, sealed and delivered
in our presence:


WINDSWEPT LAND TRUST


(First Witness)
Terry McDavid
Printed Name

By:  (SEAL)
Daniel Crapps, Trustee


(Second Witness)
Myrtle Ann McElroy
Printed Name

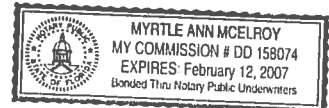
Inst: 2003004562 Date: 03/05/2003 Time: 12:38
Doc Stamp-Deed: 429.10

 DC, P. DeWitt Cason, Columbia County B: 976 P: 1501

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 28th
day of February 2003, by DANIEL CRAPPS, Trustee under the
provisions of a certain Trust Agreement dated the 1st day of
November 1999, known as the Windswept Land Trust. He is personally
known to me and did not take an oath.


Notary Public
My Commission Expires: _____



2011-11-15
Cert. Copy 3.

THIS INSTRUMENT WAS PREPARED BY:

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

Inst:2003004724 Date:03/06/2003 Time:14:32
mk DC, P. DeWitt Cason, Columbia County B:976 P:175

RETURN TO:

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

PERMIT NO. _____

TAX FOLIO NO.: 24-4S-16-03120-103

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property:

Lot 3 of WINDSWEPT INDUSTRIAL SUBDIVISION, PHASE ONE, a subdivision according to the plat thereof recorded in Plat Book 7, Pages 84 & 85 of the public records of Columbia County, Florida.

2. General description of improvement: Construction of Commercial Building.

3. Owner information:

a. Name and address: COMPLETE DESIGN & CONSTRUCTION, INC., 22630 45th Drive, Lake City, Florida 32024.

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner):

4. Contractor: COMPLETE DESIGN & CONSTRUCTION, INC., 22630 45th Drive, Lake City, Florida 32024.

5. Surety

a. Name and address: None

6. Lender: PEOPLES STATE BANK, 350 SW Main Boulevard, Lake City, Florida 32025.

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: None

8. In addition to himself, Owner designates ROBERT W. WOODARD, Executive Vice President of PEOPLES STATE BANK, 350 SW Main Boulevard, Lake City, Florida 32025, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified). February 28, 2004.

COMPLETE DESIGN & CONSTRUCTION, INC.

By: Terrence M. Simonson
Terrence M. Simonson
President

The foregoing instrument was acknowledged before me this 28th day of February 2003, by TERRENCE M. SIMONSON, President of COMPLETE DESIGN & CONSTRUCTION, INC., a Florida corporation, on behalf of said corporation. He is personally known to me and did not take an oath.


Notary Public

My commission expires:



Inst: 2003004724 Date: 03/06/2003 Time: 14:32

MLK DC, P. DeWitt Cason, Columbia County B: 976 P: 1758

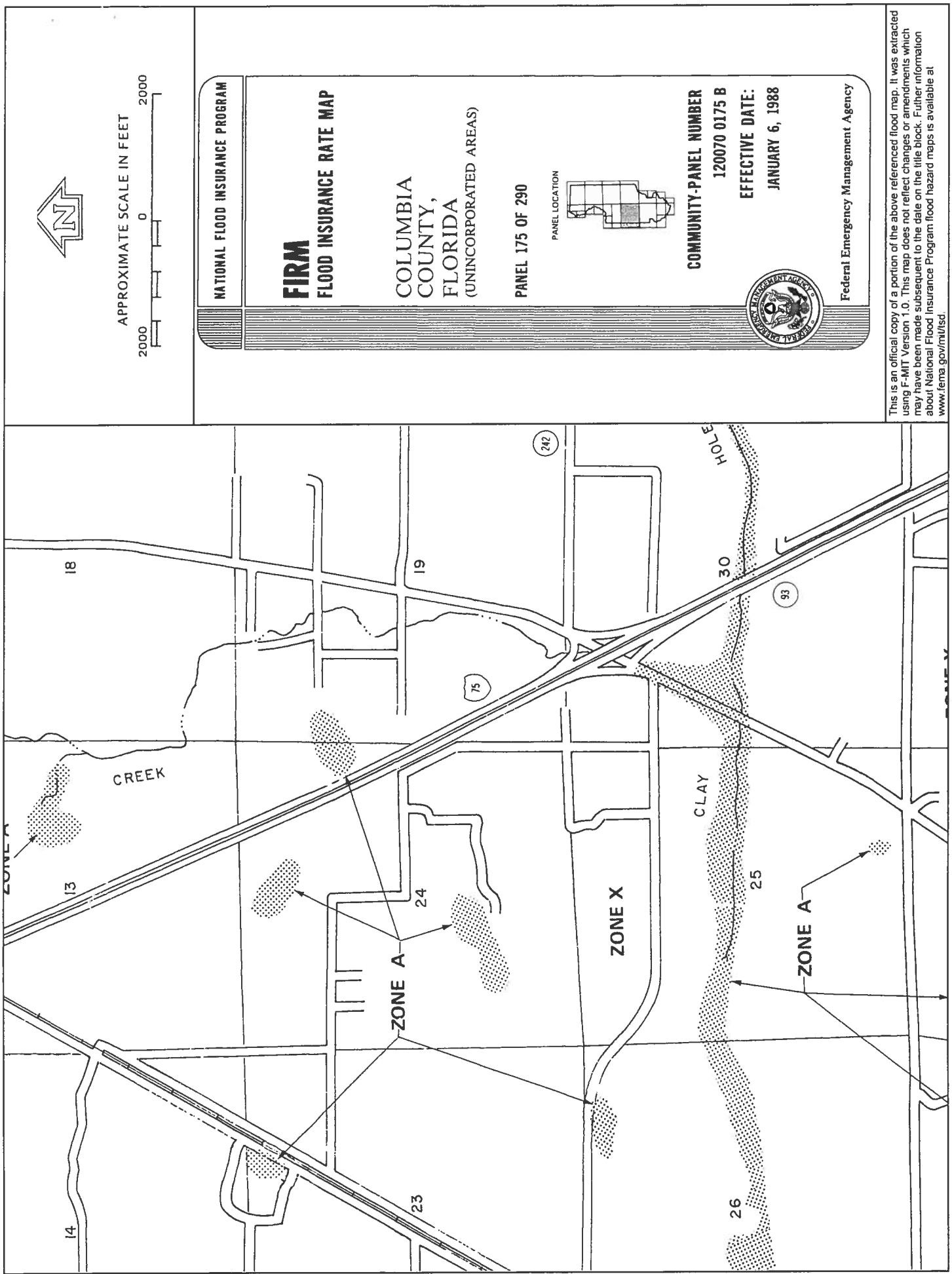
STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS

By Margaret Keen
Deputy Clerk

Date March 6, 2003



0305-51



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 175 OF 290

PANEL LOCATION



COMMUNITY-PANEL NUMBER
120070 0175 B

EFFECTIVE DATE:
JANUARY 6, 1988

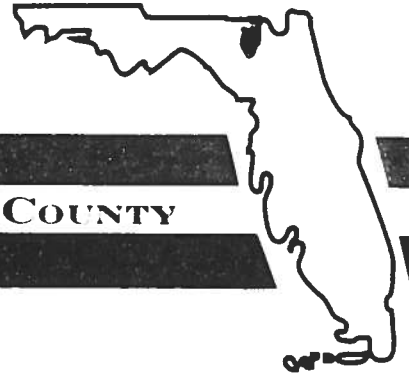


Federal Emergency Management Agency

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/nflsdt.

District No. 1 - Ronald Williams
District No. 2 - Dewey Weaver
District No. 3 - George Skinner
District No. 4 - Jennifer Flinn
District No. 5 - James Montgomery

BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY



20 May 2003

Complete Design & Construction, Inc.
Terrance M. Simonson
22630 45TH Drive
Lake City, FL 32024

RE: Site and Development Plan Application

Dear Mr. Simonson,

An application has been submitted for a building permit located in the Windswept Industrial Subdivision. This property is zoned Industrial, Light and Warehousing (ILW). In accordance with Columbia County's Land Development Regulations, a Site and Development Plan must be approved by the Planning and Zoning Board, before a building permit can be issued. The fee for a request for Site and Development Plan approval is \$150.00 and must be submitted 15 days prior to a scheduled meeting. The next Planning and Zoning Board meeting I can schedule an application for would be 17 June 2003. I would have to receive the application by the end of the day 2 June 2003. I have enclosed a Site and Development Plan application and the section of the County's Land Development Regulations concerning Site and Development Plan approvals.

If you have any questions concerning this matter, please do not hesitate to contact me at 386.758.1008.

Sincerely,

A handwritten signature in black ink, appearing to read "B. L. Kepner".

Brian L. Kepner
County Planner,
Land Development Regulation Administrator

BOARD MEETS FIRST THURSDAY AT 7 00 P M
AND THIRD THURSDAY AT 7 00 P M

ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

EnergyGauge FlaCom v1.22 FORM 400A-2001

Whole Building Performance Method for Commercial Buildings

Jurisdiction: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)

Short Desc: CDC

Project: Complete Design & Construction

Owner: Terry Simonson

Address:

Lot 3, Windswept Industrial Subdivision

City: Lake City

State: Florida

PermitNo: 0

Zip: 32024

Storeys: 1

Type: Office (Business)

GrossArea: 2310

Class: New Finished building

Net Area: 590

Max Tonnage: 3 (if different, write in)

Compliance Summary

| Component | Design | Criteria | Result |
|--|---------------|-----------------|------------------|
| Gross Energy Use | 98.31 | 100.00 | PASSES |
| Other Envelope Requirements - A | | | PASSES |
| LIGHTING CONTROLS | | | PASSES |
| EXTERNAL LIGHTING | | | PASSES |
| HVAC SYSTEM | | | PASSES |
| PLANT | | | PASSES |
| WATER HEATING SYSTEMS | | | PASSES |
| PIPING SYSTEMS | | | PASSES |
| Met all required compliance from Check List? | | | Yes/No/NA |

IMPORTANT NOTE: An input report Print-Out from EnergyGauge FlaCom of this design building must be submitted along with this Compliance Report.

COMPLIANCE CERTIFICATION:

| | |
|--|---|
| <p>I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Efficiency Code.</p> <p><i>Mark Disosway</i></p> <p>PREPARED BY: <u>Mark Disosway P.E.</u></p> <p>DATE: <u>18 APR 03</u></p> <p>I hereby certify that this building is in compliance with the Florida Energy Efficiency Code.</p> <p>OWNER AGENT: _____</p> <p>DATE: _____</p> | <p>Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed, this building will be inspected for compliance in accordance with Section 553.908, F.S.</p> <p>BUILDING OFFICIAL: _____</p> <p>DATE: _____</p> |
| <p>If required by Florida law, I hereby certify (*) that the system design is in compliance with the Florida Energy Code.</p> <p>ARCHITECT : _____</p> <p>ELECTRICAL SYSTEM DESIGNER _____</p> <p>LIGHTING SYSTEM DESIGNER: _____</p> <p>MECHANICAL SYSTEM DESIGNER: _____</p> <p>PLUMBING SYSTEM DESIGNER: _____</p> | |

**REGISTRATION
No.**

(*) Signature is required where Florida Law requires design to be performed by registered design professionals.
Typed names and registration numbers may be used where all relevant information is contained on signed/sealed plans.

Project: CDC
Title: Complete Design & Construction
Type: Office (Business)
Location: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)
(WEA File: JACK

Whole Building Compliance

| | Design | Reference |
|-------------------------|--------------|---------------|
| Total | 98.31 | 100.00 |
| ELECTRICITY | 98.31 | 100.00 |
| AREA LIGHTS | 9.06 | 10.36 |
| MISC EQUIPMT | 1.46 | 1.46 |
| PUMPS & MISC | 0.08 | 0.08 |
| SPACE COOL | 12.37 | 12.76 |
| VENT FANS | 75.34 | 75.34 |

Credits & Penalties (if any): Modified Points: = 98.31

PASSES

Project: CDC
Title: Complete Design & Construction
Type: Office (Business)
Location: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)
(WEA File: JACK

Other Envelope Requirements

| Item | Zone | Description | Design | Limit | Meet Req. |
|-------------|-----------|--|--------|-------|-----------|
| Roof | Warehouse | Exterior Roof - Max Uo Limit | 0.08 | 0.09 | Yes |
| Warehouse W | Office | Wall Adjacent to Unconditioned Space - Max U | 0.10 | 0.18 | Yes |

Meets Other Envelope Requirements

Project: CDC
Title: Complete Design & Construction
Type: Office (Business)
Location: COLUMBIA COUNTY, COLUMBIA COUNTY,
 FL (221000)
(WEA File: JACK

External Lighting Compliance

| Description | Category | Allowance (W/Unit) | Area or Length or No. of Units (Sqft or ft) | ELPA (W) | CLP (W) |
|-------------|---|-----------------------|---|-------------|------------|
| Ext Light 1 | Entrance (w/ Canopy) Light traffic-hospital, office, school etc | 4.00 | 75.0 | 300 | 360 |
| Ext Light 2 | Loading Door | 20.00 | 12.0 | 240 | 200 |
| Ext Light 3 | Loading Door | 20.00 | 12.0 | 240 | 200 |

Design: 760 (W)
Allowance: 780 (W)

PASSES

Project: CDC
Title: Complete Design & Construction
Type: Office (Business)
Location: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)
(WEA File: JACK

Lighting Controls Compliance

| Acronym | Ashrae ID | Description | Area (sq.ft) | No. of Tasks | Design CP | Min CP | Compli- ance |
|---------|--------------|---|-----------------|-----------------|--------------|-----------|-----------------|
| Storage | 46 | Storage & Warehouse - Fine Active Storage | 1,720 | 0 | 2 | 2 | PASSES |
| Office | 34 | Offices (Partitions<3.5 ft below ceiling) Open plan offices 900 ft or larger with partitions higher | 148 | 0 | 2 | 2 | PASSES |
| Lobby | 84 | Hotel/Conference Center - Lobby | 192 | 0 | 1 | 1 | PASSES |
| Toilet | 13 | Toilet and Washroom | 51 | 0 | 2 | 2 | PASSES |

PASSES

Project: CDC
Title: Complete Design & Construction
Type: Office (Business)
Location: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)
(WEA File: JACK

System Report Compliance

| | | | |
|------------|----------|---|-------------------|
| Office A/C | System 2 | Constant Volume Air Cooled Single Package System < 65000 Btu/hr | No. of Units 8 |
|------------|----------|---|-------------------|

| Component | Category | Capacity | Design Eff | Eff Criteria | Design IPLV | IPLV Criteria | Compliance |
|-------------------------|--------------------------|----------|------------|--------------|-------------|---------------|------------|
| Cooling System | Air Cooled < 65000 Btu/h | | 10.00 | 9.70 | 7.50 | | PASSES |
| | Cooling Capacity | | | | | | |
| Heating System | Electric Furnace | | 1.00 | 1.00 | | | PASSES |
| Air Handling | Air Handler (Supply) - | | 0.80 | 0.80 | | | PASSES |
| System -Supply | Constant Volume | | | | | | |
| Air Distribution System | ADS System | | 6.00 | 6.00 | | | PASSES |

PASSES

Plant Compliance

| Description | Installed No | Size | Design Eff | Min Eff | Design IPLV | Min IPLV | Category | Compliance |
|-------------|--------------|------|------------|---------|-------------|----------|----------|------------|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

None

Water Heater Compliance

| Description | Type | Category | Design Eff | Min Eff | Design Loss | Max Loss | Compliance |
|-------------|------|----------|------------|---------|-------------|----------|------------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

None

Piping System Compliance

| Category | Pipe Dia [inches] | Is Runout? | Operating Temp [F] | Ins Cond [Btu-in/hr .SF.F] | Ins Thick [in] | Req Ins Thick [in] | Compliance |
|----------|----------------------|---------------|--------------------------|----------------------------------|-------------------|-----------------------|------------|
| | | | | | | | |
| | | | | | | | None |

Project: CDC
Title: Complete Design & Construction
Type: Office (Business)
Location: COLUMBIA COU

Other Required Compliance

| Category | Section | Requirement (write N/A in box if not applicable) | Check |
|--------------|---------|--|--------------------------|
| Infiltration | 406.1 | Infiltration Criteria have been met | <input type="checkbox"/> |
| System | 407.1 | HVAC Load sizing has been performed | <input type="checkbox"/> |
| Ventilation | 409.1 | Ventilation criteria have been met | <input type="checkbox"/> |
| ADS | 410.1 | Duct sizing and Design have been performed | <input type="checkbox"/> |
| T & B | 410.1 | Testing and Balancing will be performed | <input type="checkbox"/> |
| Electrical | 413.1 | Metering criteria have been met | <input type="checkbox"/> |
| Motors | 414.1 | Motor efficiency criteria have been met | <input type="checkbox"/> |
| Lighting | 415.1 | Lighting criteria have been met | <input type="checkbox"/> |
| O & M | 102.1 | Operation/maintenance manual will be provided to owner | <input type="checkbox"/> |
| Roof/Ceil | 404.1 | R-19 for Roof Deck with supply plenums beneath it | <input type="checkbox"/> |
| Report | 101 | Input Report Print-Out from EnergyGauge FlaCom attached? | <input type="checkbox"/> |

ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

EnergyGauge FlaCom v1.22

INPUT DATA REPORT**Project Information****Project Name:** CDC**Orientation:** East**Project Title:** Complete Design & Construction**Building Type:** Office (Business)**Address:** Lot 3, Windswept Industrial Subdivision**Building Classification:** New Finished building**State:** Florida**No. of Storeys:** 1**Zip:** 32024**GrossArea:** 2310**Owner:** Terry Simonson**Zones**

| No | Acronym | Description | Type | Load Profile | Area [sf] | Multiplier | Total Area [sf] | |
|----|-----------|-------------|---------------|----------------------------|-----------|------------|-----------------|--------------------------|
| 1 | Warehouse | Zone 1 | UNCONDITIONED | Uses Building Load Profile | 1720.0 | 1 | 1720.0 | <input type="checkbox"/> |
| 2 | Office | Offices | CONDITIONED | Office (Business) | 589.6 | 1 | 589.6 | <input type="checkbox"/> |

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Spaces

| No | Acronym | Description | Type | Depth [ft] | Width [ft] | Height [ft] | Multiplier | Total Area [sf] | Total Volume [cf] | |
|---------------------------|---------|-------------|---|------------|------------|-------------|------------|-----------------|-------------------|--------------------------|
| In Zone: Warehouse | | | | | | | | | | |
| 1 | Storage | Retail | Storage & Warehouse - Fine Active Storage | 43.00 | 40.00 | 13.00 | 1 | 1720.0 | 22360.0 | <input type="checkbox"/> |
| In Zone: Office | | | | | | | | | | |
| 1 | Office | Office | Offices (Partitions<3.5 ft below ceiling) Open plan offices 900 ft or larger with partitions higher | 16.00 | 9.25 | 8.00 | 2 | 296.0 | 2368.0 | <input type="checkbox"/> |
| 2 | Lobby | Office | Hotel/Conference Center - Lobby | 16.00 | 12.00 | 8.00 | 1 | 192.0 | 1536.0 | <input type="checkbox"/> |
| 3 | Toilet | Zo2Sp3 | Toilet and Washroom | 7.70 | 6.60 | 8.00 | 2 | 101.6 | 813.1 | <input type="checkbox"/> |

Lighting

| No | Type | Power [W] | Control Type | No. of Ctrl pts | |
|---------------------------|-----------------------|-----------|------------------------------------|-----------------|--------------------------|
| In Zone: Warehouse | | | | | |
| In Space: Storage | | | | | |
| 1 | Metal Halide | 1440.00 | Exception for Area used as a Whole | 2 | <input type="checkbox"/> |
| In Zone: Office | | | | | |
| In Space: Office | | | | | |
| 1 | Suspended Fluorescent | 320.00 | Manual On/Off | 1 | <input type="checkbox"/> |
| In Space: Lobby | | | | | |
| 1 | Suspended Fluorescent | 320.00 | Manual On/Off | 1 | <input type="checkbox"/> |
| In Space: Toilet | | | | | |
| 1 | Compact Fluorescent | 100.00 | Manual On/Off | 1 | <input type="checkbox"/> |

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| Walls | | | | | | | | | | | | |
|--------------------|-------------|---------------------------------------|------------|---------------|-------------|-----------|-----------|-----------------------------|--------------------------|---------------|----------------------|--------------------------|
| No | Description | Type | Width [ft] | H (Effec [ft] | Multi plier | Area [sf] | Direction | Conductance [Btu/hr. sf. F] | Heat Capacity [Btu/sf.F] | Dens. [lb/cf] | R-Value [h.s.f./Btu] | |
| In Zone: Warehouse | | | | | | | | | | | | |
| 1 | Front Wall | Metal siding/R11 Batt/0.5" Gyp | 40.00 | 15.00 | 1 | 600.0 | West | 0.0957 | 0.7570 | 16.80 | 10.45 | <input type="checkbox"/> |
| 2 | N Wall | Metal siding/R11 Batt/0.5" Gyp | 49.00 | 14.00 | 1 | 686.0 | North | 0.0957 | 0.7570 | 16.80 | 10.45 | <input type="checkbox"/> |
| 3 | Right Wall | Metal siding/R11 Batt/0.5" Gyp | 40.00 | 7.00 | 1 | 280.0 | East | 0.0957 | 0.7570 | 16.80 | 10.45 | <input type="checkbox"/> |
| 4 | Pr0Zo1Wa5 | Metal siding/R11 Batt/0.5" Gyp | 49.00 | 14.00 | 1 | 686.0 | North | 0.0957 | 0.7570 | 16.80 | 10.45 | <input type="checkbox"/> |
| In Zone: Office | | | | | | | | | | | | |
| 1 | North | Metal siding/2x4@24"+R11 Batt/5/8"Gyp | 17.00 | 8.00 | 1 | 136.0 | North | 0.0920 | 1.0718 | 19.38 | 10.87 | <input type="checkbox"/> |
| 2 | East | Metal siding/2x4@24"+R11 Batt/5/8"Gyp | 40.00 | 8.00 | 1 | 320.0 | East | 0.0920 | 1.0718 | 19.38 | 10.87 | <input type="checkbox"/> |
| 3 | Pr0Zo2Wa3 | Metal siding/R11 Batt/0.5" Gyp | 40.00 | 8.00 | 1 | 320.0 | East | 0.0957 | 0.7570 | 16.80 | 10.45 | <input type="checkbox"/> |
| 4 | South | Metal siding/2x4@24"+R11 Batt/5/8"Gyp | 17.00 | 8.00 | 1 | 136.0 | South | 0.0920 | 1.0718 | 19.38 | 10.87 | <input type="checkbox"/> |

| Windows | | | | | | | | | | | |
|---------|-------------|------|--------|--------------------|----|--------|--------|---------------|-------------|-----------------|--|
| No | Description | Type | Shaded | UCen [Btu/hr sf F] | SC | Vis.Tr | W [ft] | H (Effec [ft] | Multi plier | Total Area [sf] | |

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| | | | | | | | | | | | |
|-----------------|--------|--------------|----|--------|------|------|------|------|---|------|--------------------------|
| In Zone: Office | | | | | | | | | | | |
| In Wall: East | | | | | | | | | | | |
| 1 | Door | SINGLE CLEAR | No | 1.0018 | 0.95 | 0.88 | 3.00 | 6.60 | 2 | 39.6 | <input type="checkbox"/> |
| 2 | Window | SINGLE CLEAR | No | 1.0018 | 0.95 | 0.88 | 6.00 | 4.00 | 2 | 48.0 | <input type="checkbox"/> |

| Doors | | | | | | | | | | | |
|--------------------|--------------|--|---------|------------|---------------|-------------|-----------|-----------------------|---------------|-----------------------|-------------------------------|
| No | Description | Type | Shaded? | Width [ft] | H (Effec [ft] | Multi plier | Area [sf] | Cond. [Btu/hr. sf. F] | Dens. [lb/cf] | Heat Cap. [Btu/sf. F] | R-Value [h.sf.F/Btu] |
| In Zone: Warehouse | | | | | | | | | | | |
| In Wall: South | | | | | | | | | | | |
| 1 | Pr0Zo1Wa5Dr1 | Underground wall in basement, 4 in. h.w. conc. | No | 12.00 | 12.00 | 2 | 144.0 | 3.1233 | 140.00 | 9.33 | 0.32 <input type="checkbox"/> |
| 2 | Steel Door | Wood door, 2 in. | No | 3.00 | 6.70 | 1 | 20.1 | 0.4192 | 37.00 | 2.41 | 2.39 <input type="checkbox"/> |

| Roofs | | | | | | | | | | | |
|--------------------|-------------|---|------------|---------------|-------------|-----------|------------|-----------------------|----------------------|---------------|--------------------------------|
| No | Description | Type | Width [ft] | H (Effec [ft] | Multi plier | Area [sf] | Tilt [deg] | Cond. [Btu/hr. Sf. F] | Heat Cap [Btu/sf. F] | Dens. [lb/cf] | R-Value [h.s.f.F/Btu] |
| In Zone: Warehouse | | | | | | | | | | | |
| 1 | Roof | Mtl Bldg Roof/R-11 Batt | 40.00 | 60.00 | 1 | 2400.0 | 0.00 | 0.0874 | 0.87 | 9.43 | 11.44 <input type="checkbox"/> |
| In Zone: Office | | | | | | | | | | | |
| 1 | Pr0Zo2Rfl | Shngl/1/2"WD Deck/WD Truss/6"Batt/Gyp Brd | 40.00 | 23.00 | 1 | 920.0 | 0.00 | 0.0471 | 1.40 | 10.89 | 21.24 <input type="checkbox"/> |

| Skylights | | | | | | | | | | | |
|--|-------------|------|--------------------|---------------|-----------|--------|---------------|------------|-----------|-----------------|--|
| No | Description | Type | UCen [Btu/hr sf F] | Shading Coeff | Vis.Trans | W [ft] | H (Effec [ft] | Multiplier | Area [Sf] | Total Area [Sf] | |
| In Zone: In Roof: <input type="checkbox"/> | | | | | | | | | | | |

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| Floors | | | | | | | | | | |
|---------------------------|-------------|--|---------------|------------------|----------------|--------------|--------------------------|-----------------------|------------------|--------------------------|
| No | Description | Type | Width [ft] | H (Effec [ft] | Multi plier | Area [sf] | Cond. [Btu/hr. sf. F] | Heat Cap. [Btu/sf. F] | Dens. [lb/cf] | R-Value [h.s.f.F/Btu] |
| In Zone: Warehouse | | | | | | | | | | |
| 1 | Floor | 1 ft soil, concrete floor, carpet and rubber pad | 40.00 | 43.00 | 1 | 1720.0 | 0.1745 | 54.00 | 108.00 | 5.73 |
| In Zone: Office | | | | | | | | | | |
| 1 | Pr0Zo2F11 | 1 ft soil, concrete floor, carpet and rubber pad | 40.00 | 23.00 | 1 | 920.0 | 0.1745 | 54.00 | 108.00 | 5.73 |

| Systems | | | | | |
|-------------------|--|-----------------|------------|---|--|
| Office A/C | | System 2 | | Constant Volume Air Cooled Single Package System < 65000 Btu/hr | |
| | | | | No. Of Units 8 | |
| Component | Category | Capacity | Efficiency | IPLV | |
| 1 | Cooling System (Air Cooled < 65000 Btu/h Cooling Capacity) | 30000.00 | 10.00 | 7.50 | |
| 2 | Heating System (Electric Furnace) | 30000.00 | 1.00 | | |
| 3 | Air Handling System -Supply (Air Handler (Supply) - Constant Volume) | 1000.00 | 0.80 | | |
| 4 | Air Distribution System (ADS System) | | 6.00 | | |

| Plant | | | | | |
|-----------|----------|------|---------|------|------|
| Equipment | Category | Size | Inst.No | Eff. | IPLV |
| | | | | | |

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| Water Heaters | | | | |
|----------------------|------------------|---------|-----------|------|
| W-Heater Description | Capacit Cap.Unit | I/P Rt. | Efficienc | Loss |
| | | | | |

| Ext-Lighting | | | | |
|---------------|--------------------------------------|-------------------------------------|----------------|--|
| Description | Categories. | Area/Len/No. of units [sf/ft/No] | Wattage [W] | |
| 1 Ext Light 1 | Entrance (w/ Canopy) Light | 75.00 | 360.00 | |
| 2 Ext Light 2 | traffic-hospital, office, school etc | 12.00 | 200.00 | |
| 3 Ext Light 3 | Loading Door | 12.00 | 200.00 | |

| Piping | | | | | | |
|--------|------|------------------------------|--|-------------------------------|------------------------------|------------|
| No | Type | Operating Temperature [F] | Insulation Conductivity [Btu-in/h.s.f.F] | Nomonal pipe Diameter [in] | Insulation Thickness [in] | Is Runout? |
| | | | | | | |

| Fenestration Used | | | | | | | |
|-------------------|--------------|--------------|------------------------------------|--------|--------|------------------------------------|-------------------|
| Name | Glass Type | No. of Panes | Glass Conductance [Btu/h.s.f.F] | SC | VLT | Frame Conductance [Btu/h.s.f.F] | Frame Absorptance |
| ApLbWnd1 | SINGLE CLEAR | 1 | 1.0018 | 0.9500 | 0.8810 | 0.4340 | 0.7000 |

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Materials Used

| Mat No | Acronym | Description | Only R-Value Used | RValue [h.s.f./Btu] | Thickness [ft] | Conductivity [Btu/h.ft.F] | Density [lb/cf] | SpecificHeat [Btu/lb.F] | |
|--------|---------|--|----------------------|------------------------|-------------------|------------------------------|--------------------|----------------------------|--------------------------|
| 18 | Matl18 | 2 in. Wood | No | 2.3857 | 0.1670 | 0.0700 | 37.00 | 0.3900 | <input type="checkbox"/> |
| 264 | Matl264 | ALUMINUM, 1/16 IN | No | 0.0002 | 0.0050 | 26.0000 | 480.00 | 0.1000 | <input type="checkbox"/> |
| 214 | Matl214 | POLYSTYRENE, EXP., 1-1/4IN, | No | 5.2100 | 0.1042 | 0.0200 | 1.80 | 0.2900 | <input type="checkbox"/> |
| 187 | Matl187 | GYP OR PLAS BOARD, 1/2IN | No | 0.4533 | 0.0417 | 0.0920 | 50.00 | 0.2000 | <input type="checkbox"/> |
| 206 | Matl206 | CELLULOSE, FILL, 5.5IN, R- 20 | No | 20.8318 | 0.4583 | 0.0220 | 3.00 | 0.3300 | <input type="checkbox"/> |
| 151 | Matl151 | CONC HW, DRD, 140LB, 4IN | No | 0.4403 | 0.3333 | 0.7570 | 140.00 | 0.2000 | <input type="checkbox"/> |
| 178 | Matl178 | CARPET W/RUBBER PAD | Yes | 1.2300 | | | | | <input type="checkbox"/> |
| 265 | Matl265 | Soil, 1 ft | No | 2.0000 | 1.0000 | 0.5000 | 100.00 | 0.2000 | <input type="checkbox"/> |
| 48 | Matl48 | 6 in. Heavyweight concrete | No | 0.5000 | 0.5000 | 1.0000 | 140.00 | 0.2000 | <input type="checkbox"/> |
| 123 | Matl123 | CONC BLOCK MW, 8IN, HOLLOW | No | 1.7227 | 0.6667 | 0.3870 | 53.00 | 0.2000 | <input type="checkbox"/> |
| 159 | Matl159 | CONC HW-UNDRD-140LB-4IN | No | 0.3202 | 0.3333 | 1.0410 | 140.00 | 0.2000 | <input type="checkbox"/> |
| 57 | Matl57 | 3/4 in. Plaster or gypsum | No | 0.1488 | 0.0625 | 0.4200 | 100.00 | 0.2000 | <input type="checkbox"/> |
| 72 | Matl72 | AIR LAYER, 3/4IN OR LESS, VERT. WALLS | Yes | 0.9000 | | | | | <input type="checkbox"/> |
| 267 | Matl267 | 0.75" stucco | No | 0.1563 | 0.0625 | 0.4000 | 16.00 | 0.2000 | <input type="checkbox"/> |
| 266 | Matl266 | 2x4@16" oc + R11 Batt | No | 8.3343 | 0.2917 | 0.0350 | 9.70 | 0.2000 | <input type="checkbox"/> |
| 215 | Matl215 | POLYSTYRENE, EXP., 2IN, | No | 8.3350 | 0.1667 | 0.0200 | 1.80 | 0.2900 | <input type="checkbox"/> |
| 105 | Matl105 | CONC BLK HW, 8IN, HOLLOW | No | 1.1002 | 0.6667 | 0.6060 | 69.00 | 0.2000 | <input type="checkbox"/> |
| 256 | Matl256 | WOOD, SOFT, 1-1/2IN | No | 1.8939 | 0.1250 | 0.0660 | 32.00 | 0.3300 | <input type="checkbox"/> |
| 268 | Matl268 | 0.625" stucco | No | 0.1302 | 0.0521 | 0.4000 | 16.00 | 0.2000 | <input type="checkbox"/> |
| 42 | Matl42 | 8 in. Lightweight concrete block | No | 2.0212 | 0.6670 | 0.3300 | 38.00 | 0.2000 | <input type="checkbox"/> |
| 269 | Matl269 | .75" ISO BTWN24" oc | No | 2.2321 | 0.0625 | 0.0280 | 4.19 | 0.3000 | <input type="checkbox"/> |
| 86 | Matl86 | BRICK, COMMON, 4IN | No | 0.8012 | 0.3333 | 0.4160 | 120.00 | 0.2000 | <input type="checkbox"/> |

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| | | | | | | | | | |
|-----|---------|--------------------------------------|-----|---------|--------|---------|--------|--------|--------------------------|
| 211 | Matl211 | POLYSTYRENE, EXP., 1/2I N, | No | 2.0850 | 0.0417 | 0.0200 | 1.80 | 0.2900 | <input type="checkbox"/> |
| 12 | Matl12 | 3 in. Insulation | No | 10.0000 | 0.2500 | 0.0250 | 2.00 | 0.2000 | <input type="checkbox"/> |
| 218 | Matl218 | POLYURETHANE, EXP., 1/2 IN, | No | 3.2077 | 0.0417 | 0.0130 | 1.50 | 0.3800 | <input type="checkbox"/> |
| 23 | Matl23 | 6 in. Insulation | No | 20.0000 | 0.5000 | 0.0250 | 5.70 | 0.2000 | <input type="checkbox"/> |
| 4 | Matl4 | Steel siding | No | 0.0002 | 0.0050 | 26.0000 | 480.00 | 0.1000 | <input type="checkbox"/> |
| 271 | Matl271 | 2x4@24" oc + R11 Batt | No | 10.4179 | 0.2917 | 0.0280 | 7.11 | 0.2000 | <input type="checkbox"/> |
| 272 | Matl272 | Panel with 7/16" panels | Yes | 0.9044 | | | | | <input type="checkbox"/> |
| 273 | Matl273 | Hollow core flush (1.375") | Yes | 1.2777 | | | | | <input type="checkbox"/> |
| 274 | Matl274 | Solid core flush (1.375") | Yes | 1.7141 | | | | | <input type="checkbox"/> |
| 275 | Matl275 | Panel with 7/16" panels (1.375") | Yes | 1.0019 | | | | | <input type="checkbox"/> |
| 276 | Matl276 | Hollow core flush (1.75") | Yes | 1.3239 | | | | | <input type="checkbox"/> |
| 277 | Matl277 | Panel with 1-1/8" panels (1.75") | Yes | 1.7141 | | | | | <input type="checkbox"/> |
| 278 | Matl278 | Solid core flush (1.75") | Yes | 1.6500 | | | | | <input type="checkbox"/> |
| 279 | Matl279 | Solid core flush (2.25") | Yes | 2.8537 | | | | | <input type="checkbox"/> |
| 280 | Matl280 | Fiberglass/Mineral wool core | Yes | 0.8167 | | | | | <input type="checkbox"/> |
| 281 | Matl281 | Paper Honeycomb core | Yes | 0.9357 | | | | | <input type="checkbox"/> |
| 282 | Matl282 | Solid Urethane foam core | Yes | 1.6500 | | | | | <input type="checkbox"/> |
| 283 | Matl283 | Solid mineral fiberboard core | Yes | 1.7816 | | | | | <input type="checkbox"/> |
| 284 | Matl284 | Polystyrene core (18 ga steel) 1 | Yes | 2.0071 | | | | | <input type="checkbox"/> |
| 285 | Matl285 | Polyurethane core (18 ga steel) 2 | Yes | 2.5983 | | | | | <input type="checkbox"/> |
| 286 | Matl286 | Polyurethane core (24 ga steel) 1 | Yes | 2.5983 | | | | | <input type="checkbox"/> |
| 287 | Matl287 | Polyurethane core (24 ga steel) 2 | Yes | 4.1500 | | | | | <input type="checkbox"/> |
| 288 | Matl288 | Solid Urethane foam core | Yes | 4.1500 | | | | | <input type="checkbox"/> |
| 81 | Matl81 | ASPHALT-ROOFING, ROLL | Yes | 0.1500 | | | | | <input type="checkbox"/> |
| 244 | Matl244 | PLYWOOD, 1/2IN | No | 0.6318 | 0.0417 | 0.0660 | 34.00 | 0.2900 | <input type="checkbox"/> |
| 185 | Matl185 | CLAY TILE, PAVER, 3/8IN | No | 0.0301 | 0.0313 | 1.0410 | 120.00 | 0.2000 | <input type="checkbox"/> |
| 82 | Matl82 | ASPHALT-SHINGLE AND SIDING | Yes | 0.4400 | | | | | <input type="checkbox"/> |
| 11 | Matl11 | 2 in. Insulation | No | 6.6800 | 0.1670 | 0.0250 | 2.00 | 0.2000 | <input type="checkbox"/> |
| 47 | Matl47 | 2 in. Heavyweight concrete | No | 0.1670 | 0.1670 | 1.0000 | 140.00 | 0.2000 | <input type="checkbox"/> |

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| | | | | | | | | | |
|-----|---------|------------------------------|----|--------|--------|--------|--------|--------|--------------------------|
| 95 | Matl95 | CONC BLOCK HW-4IN-HOLLOW | No | 0.7107 | 0.3333 | 0.4690 | 101.00 | 0.2000 | <input type="checkbox"/> |
| 248 | Matl248 | ROOF GRAVEL OR SLAG 1/2IN | No | 0.0500 | 0.0417 | 0.8340 | 55.00 | 0.4000 | <input type="checkbox"/> |
| 94 | Matl94 | BUILT-UP ROOFING, 3/8IN | No | 0.3366 | 0.0313 | 0.0930 | 70.00 | 0.3500 | <input type="checkbox"/> |

Constructs Used

| No | Name | Simple Construct | Massless Construct | Conductance [Btu/h.sf.F] | Heat Capacity [Btu/sf.F] | Density [lb/cf] | RValue [h.sf.F/Btu] | |
|------|---|------------------|---------------------------|--------------------------|--------------------------|-----------------|---------------------|--------------------------|
| 1001 | Wood door, 2 in | No | No | 0.42 | 2.41 | 37.00 | 2.3857 | <input type="checkbox"/> |
| | Layer | Material No. | Material | Thickness [ft] | Framing Factor | | | |
| | 1 | 18 | 2 in Wood | 0.1670 | 0.00 | | | <input type="checkbox"/> |
| No | Name | Simple Construct | Massless Construct | Conductance [Btu/h.sf.F] | Heat Capacity [Btu/sf.F] | Density [lb/cf] | RValue [h.sf.F/Btu] | |
| 1005 | 1 ft. soil, concrete floor, carpet and rubber pad | No | No | 0.17 | 54.00 | 108.00 | 5.7300 | <input type="checkbox"/> |
| | Layer | Material No. | Material | Thickness [ft] | Framing Factor | | | |
| | 1 | 265 | Soil, 1 ft | 2.0000 | 0.00 | | | <input type="checkbox"/> |
| | 2 | 48 | 6 in Heavyweight concrete | 0.5000 | 0.00 | | | <input type="checkbox"/> |
| | 3 | 178 | CARPET W/RUBBER PAD | | 0.00 | | | <input type="checkbox"/> |
| No | Name | Simple Construct | Massless Construct | Conductance [Btu/h.sf.F] | Heat Capacity [Btu/sf.F] | Density [lb/cf] | RValue [h.sf.F/Btu] | |
| 1007 | Underground wall in basement, 4 in h w conc | No | No | 3.12 | 9.33 | 140.00 | 0.3202 | <input type="checkbox"/> |
| | Layer | Material No. | Material | Thickness [ft] | Framing Factor | | | |
| | 1 | 159 | CONC HW-UNDRD-140LB-4IN | 0.3333 | 0.00 | | | <input type="checkbox"/> |

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| No | Name | Simple Construct | Massless Construct | Conductance [Btu/h.sf.F] | Heat Capacity [Btu/sf.F] | Density [lb/cf] | RValue [h.sf.F/Btu] | |
|------|---|------------------|--------------------------|--------------------------|--------------------------|-----------------|---------------------|--------------------------|
| 1019 | Metal siding/2x4@24"+R11 Batt/5/8"Gyp | No | No | 0.09 | 1.07 | 19.38 | 10.8713 | <input type="checkbox"/> |
| | Layer | Material No. | Material | Thickness [ft] | Framing Factor | | | |
| | 1 | 4 | Steel siding | 0.0050 | 0.00 | | | <input type="checkbox"/> |
| | 2 | 271 | 2x4@24" oc + R11 Batt | 0.2917 | 0.00 | | | <input type="checkbox"/> |
| | 3 | 187 | GYP OR PLAS BOARD, 1/2IN | 0.0417 | 0.00 | | | <input type="checkbox"/> |
| No | Name | Simple Construct | Massless Construct | Conductance [Btu/h.sf.F] | Heat Capacity [Btu/sf.F] | Density [lb/cf] | RValue [h.sf.F/Btu] | |
| 1020 | Metal siding/R11 Batt/0.5"Gyp | No | No | 0.10 | 0.76 | 16.80 | 10.4535 | <input type="checkbox"/> |
| | Layer | Material No. | Material | Thickness [ft] | Framing Factor | | | |
| | 1 | 4 | Steel siding | 0.0050 | 0.00 | | | <input type="checkbox"/> |
| | 2 | 12 | 3 in Insulation | 0.2500 | 0.00 | | | <input type="checkbox"/> |
| | 3 | 187 | GYP OR PLAS BOARD, 1/2IN | 0.0417 | 0.00 | | | <input type="checkbox"/> |
| No | Name | Simple Construct | Massless Construct | Conductance [Btu/h.sf.F] | Heat Capacity [Btu/sf.F] | Density [lb/cf] | RValue [h.sf.F/Btu] | |
| 1039 | Shngl/1/2"WD Deck/WD Truss/6"Batt/Gyp Brd | No | No | 0.05 | 1.40 | 10.89 | 21.2351 | <input type="checkbox"/> |
| | Layer | Material No. | Material | Thickness [ft] | Framing Factor | | | |
| | 1 | 81 | ASPHALT-ROOFING, ROLL | | 0.00 | | | <input type="checkbox"/> |
| | 2 | 244 | PLYWOOD, 1/2IN | 0.0417 | 0.00 | | | <input type="checkbox"/> |
| | 3 | 23 | 6 in Insulation | 0.5000 | 0.00 | | | <input type="checkbox"/> |
| | 4 | 187 | GYP OR PLAS BOARD, 1/2IN | 0.0417 | 0.00 | | | <input type="checkbox"/> |

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| No | Name | Simple Construct | Massless Construct | Conductance [Btu/h.sf.F] | Heat Capacity [Btu/sf.F] | Density [lb/cf] | RValue [h.sf.F/Btu] | |
|------|-------------------------|------------------|-------------------------|--------------------------|--------------------------|-----------------|---------------------|--------------------------|
| 1046 | Mtl Bldg Roof/R-11 Batt | No | No | 0.09 | 0.87 | 9.43 | 11.4410 | <input type="checkbox"/> |
| | Layer | Material No. | Material | Thickness [ft] | Framing Factor | | | |
| | 1 | 94 | BUILT-UP ROOFING, 3/8IN | 0.0313 | 0.00 | | | <input type="checkbox"/> |
| | 2 | 12 | 3 in Insulation | 0.2550 | 0.00 | | | <input type="checkbox"/> |
| | 3 | 272 | Panel with 7/16" panels | | 0.00 | | | <input type="checkbox"/> |

COLUMBIA COUNTY OFFICE OF 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 24-4S-16-03120-103

Building permit No. 000020806

Use Classification COMM. METAL BLDG

Fire: 224.40

Permit Holder TERRANCE SIMONSON

Waste: .00

Owner of Building TERRY SIMONSON

Total: 224.40

Location: WINDSWEPT INDUSTRIAL, LOT 3



Date: 11/21/2003

Terry Dick

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Mr. Terrence M. Simonson
May 13, 2003
Page 2

If you have any questions, please call Leroy Marshall II at
386.362.1001, or toll free at 800.226.1066.

Sincerely,

A handwritten signature in dark ink, appearing to read "Tim Sagul" followed by a vertical line and the letters "RL".

Tim Sagul, P.E.
Water Resource Engineer

TS/rl
cc: Mark Disosway

Notice of Treatment

Applicator Florida Pest Control & Chemical Co.

Address 5000 E Bay

City Lake City

Phone 505-1234

Site Location **Subdivision** _____

Lot# _____ **Block#** _____ **Permit#** 20806

Address _____

AREAS TREATED

| Area Treated | Date | Time | Gal. | Print Technician's Name |
|------------------------|--------|------|------|----------------------------|
| Main Body | 7-9-03 | 110 | 260 | TRAVIS |
| Patio/s # | | | | |
| Stoop/s # | | | | |
| Porch/s # | | | | |
| Brick Veneer | | | | |
| Extension Walls | | | | |
| A/C Pad | | | | |
| Walk/s # | | | | |
| Exterior of Foundation | | | | |
| Driveway Apron | | | | |
| Out Building | | | | |
| Tub Trap/s | | | | |
| (Other) | | | | |

Name of Product Applied TERMINATOR 15%

Remarks _____

Applicator - White • Permit File - Canary • Permit Holder - Pink