| APPLICANT CINE   |                                 |                               | Building Po<br>ar From the Date of<br>PHONE |                  | PERMIT 000023271 |
|--|---------------------------------|-------------------------------|---|------------------|------------------|
| ADDRESS 466  |                                 | ISTANE                        | LAKE CITY                                   | 132.3333         | FL 32024         |
| Superior Control of Co | EDOM MOBILE HOME SAL            | Composite of the              | PHONE                                       | 752.5355         | 32021            |
| ADDRESS 120  | SW NATHAN PLACE                 |                               | LAKE CITY                                   |                  | FL 32024         |
| CONTRACTOR   | WILLIAM HARPER                  |                               | PHONE                                       | 752.2571         |                  |
| LOCATION OF PRO  | PERTY 90-W TO C-                | 252-B,TL GO TO DE             | ER CREEK S/D, WHITI                         | ETAIL CR,TR (    |                  |
|  | TO NTHAN                        | CRT,TR AND IT'S T             | HE FIRST LOT ON R.                          |                  |                  |
| TYPE DEVELOPME   | MODULAR/UTILIT                  | ry est                        | TIMATED COST OF CO                          | NSTRUCTION       | .00              |
| HEATED FLOOR AI  | REA                             | TOTAL ARE                     | Α   | HEIGHT           | .00 STORIES      |
| FOUNDATION   | WALLS                           | R                             | OOF PITCH                                   | F                | FLOOR            |
| LAND USE & ZONII   | NG RSF-MH-2                     |                               | MAX   | . HEIGHT         |                  |
| Minimum Set Back R   | equirments: STREET-FF           | 25.00 25.00                   | REAR  | 15.00            | SIDE 10.00       |
| NO. EX.D.U. 0  | FLOOD ZONE                      | XPP                           | DEVELOPMENT PER                             | MIT NO.          |                  |
| PARCEL ID 03-45  | S-16-02732-551                  | SUBDIVISION                   | N DEER CREEK                                |                  |                  |
| LOT 51 BLO   | CK PHASE III                    | UNIT                          | TOTA  | AL ACRES         | .34              |
|  | XX                              |                               | 16  | 7.               |                  |
| 000000695  | •                               | R282811402                    | X RG  | ) lck            |                  |
| Culvert Permit No. 18"X24'MITERED  | Culvert Waiver Con<br>X-04-0308 | tractor's License Numb<br>BLK | ber C                                       | Applicant/Owne   | er/Contractor    |
| Driveway Connection  | Septic Tank Number              | LU & Zoning                   | checked by App                              | roved for Issuar | nce New Resident |
|  | OT ABOVE ROAD                   | 20 & 2011118                  | s encoured by Tropp                         | TOYEG TOT ISSUAT | THE PROJECT I    |
|  | 1 1 . 1                         | ξ                             |   |                  |                  |
|  |                                 |                               |   | Check # or C     | Cash 2619        |
|  | FOR BUIL                        | DING & ZONING                 | G DEPARTMENT                                | ONLY             | (footer/Slab)    |
| Temporary Power  |                                 | Foundation                    |   | Monolithic       | (100te1/31ab)    |
|  | date/app. by                    |                               | date/app. by                                | _                | date/app. by     |
| Under slab rough-in pl   |                                 | Slab                          |   | Sheathing        |                  |
| Framing  | date/app. l                     |                               | date/app. by                                |                  | date/app. by     |
|  | e/app. by                       | lough-in plumbing abo         | ve slab and below wood                      | floor            | date/app. by     |
| Electrical rough-in  |                                 | Heat & Air Duct               | i   | Peri. beam (Lint |                  |
|  | date/app. by                    | _                             | date/app. by                                | cii. ocam (Emi   | date/app. by     |
| Permanent power  | date/app. by                    | C.O. Final                    |   | Culvert          | 1.//             |
| M/H tie downs, blockin   | g, electricity and plumbing     |                               | te/app. by                                  | Pool             | date/app. by     |
| Reconnection   |                                 | date/app. Pump pole           | by<br>Utility Pol                           | e                | date/app. by     |
| M/H Pole   | date/app. by                    | 250 250                       | pp. by                                      | date/app. b      | у                |
| date/app. t  |                                 |                               | e/app. by                                   | Re-roof          | date/app. by     |
| BUILDING PERMIT F  | EE\$ .00 C                      | ERTIFICATION FEE              | \$ .00                                      | SURCHARG         | E FEE \$ .00     |
|  |                                 | RT. FEE \$ 50.00              | 10.   |                  | TE FEE \$ 36.75  |
| FLOOD ZONE DEVEI   |                                 | CULVERT FEI                   |   | TOTAL FE         |                  |
| INSPECTORS OFFICE  | (/)//                           |                               | CLERKS OFFICE                               | 041              | (C)              |
|  | N TO THE REQUIREMENTS OF        | THIS PERMIT, THERE N          |   | STRICTIONS APP   | LICABLE TO THIS  |

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

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

This Permit Must Be Prominently Posted on Premises During Construction

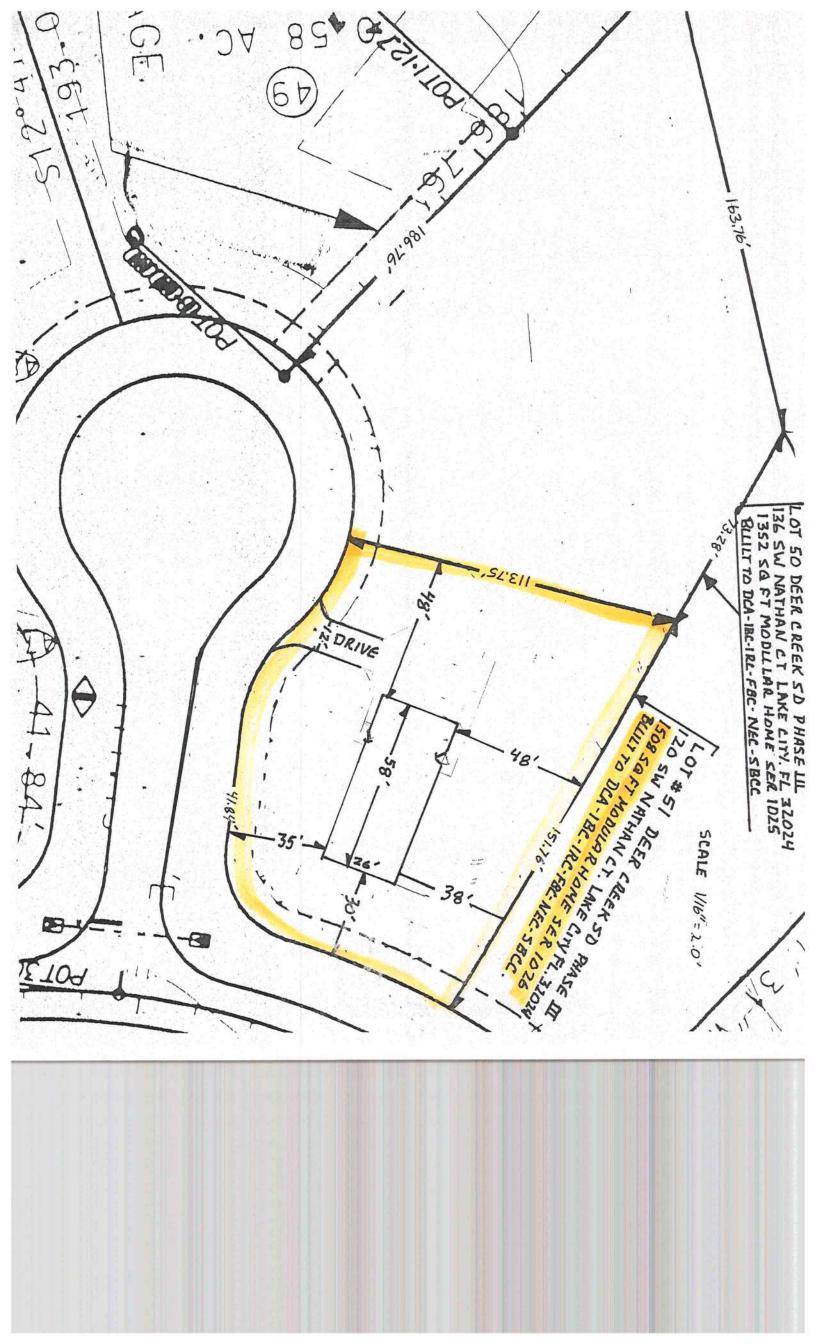
PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

| Flood Zone   | ved by - Zoning Official   | Date  | Plan                                   | s Examiner _                           | Da                  | ite              |
|--|--|---|--|--|---------------------|------------------|
| Comments   | Development Per  | mitZoning   | g La                                   | nd Use Plan N                          | ap Category         |                  |
|  | · UA   | 4617  | culve                                  | 7.000                                  | U                   |                  |
|  |  |   |  |  |                     |                  |
|  | VILLIAM L. HARF  |   |  | _ Phone3                               | 86-752-2            | 571              |
| Address 119 Sw                                       | Hobby PLace,   | Lake City.  | Florida                                | 32024                                  |                     |                  |
| Owners Name $\underline{FRE}$                        | EDOM MOBILE HO   | ME SALES. I   | NC -                                   | Dh                                     | 85-752-5            | 355              |
| YII Address -20                                      | DW Mathan Cou  | irt, Lake Ci  | tv. Flori                              | 43 3303                                | /.                  |                  |
| Contractors Name _                                   | William L. Har   | rper  |  | Phone 3                                | 86-752-2            | 571              |
| Address> ~ "   | nobby rrace, r   | dake City, r  | 1 32024                                |  |                     |                  |
| Fee Simple Owner N                                   | ame & Address FRE  | EDOM MOBILE   | HOME SAL                               | ES INC                                 |                     |                  |
| Bonding Co. Name 8                                   | Address N/A 466  | SW Deputy   | J. Davis ]                             | Lane, Lal                              | ce City.            | F1 3202          |
| Architect/Engineer N                                 | lame & Address   |   |  |  | ,                   | 1 3202           |
| Mortgage Lenders N                                   | ame & Address Firs   | st Federal S  | Savinos Ra                             | nk of Er                               |                     |                  |
| Circle the correct no                                | P.O.   | Box 2029,   | Lake City                              | , Florid                               | a 32056             |                  |
| Property ID Names                                    | wer company - TL FO  | wer & Light - Clay  | Flec - Suwa                            | nnee Valley E                          | loc December        | essive Energy    |
| Toberty ID MUTIDEL                                   | 03-4S-16-02732<br>DEER CREEK   | 2-331   | Estimated Cos                          | of Construct                           | ion <u>84,0</u> 0   | 00.00            |
| oubdivision Name_                                    | DEEK CKEEK   |   | 1 -4                                   | 51                                     |                     |                  |
| teTail Court   | wy. 90 West to   | 1 1 1 1 B - TILE  | n Inft o                               |  |                     |                  |
| on the right   | TOTH KISHU I   | ollow aroun   | d to Nath                              | an Court                               | - Turn              | Right, F         |
|  |  |   |  |  |                     |                  |
| ype of Construction                                  | Modular Home Lot Size Do   | N   | lumber of Existi                       | na Dwellinas                           | on Proporty         | 0                |
|  |  |   |  |  |                     |                  |
| ctual Distance of Str                                | ucture from Property Lin   | nes - Front 35  | Side 48                                | Side                                   | 30                  | LXISTING Drive   |
| otal Building Height                                 | 14' Number o   | of Stories 1 u  | osted Floor Arr                        | side                                   | Rec                 | ir 40/30         |
|  |  |   |  |  |                     |                  |
| pplication is hereby i                               | made to obtain a permit  | to do work and ins  | stallations as ir                      | dicated. I cer                         | tify that no w      | ork or           |
|  | enced prior to the issua<br>estruction in this jurisdic  |   | d that all work                        | pe performed                           | to meet the s       | tandards of      |
| WNERS AFFIDAVIT:                                     | I hereby certify that all t  | the foregoing infor   | mation is seen                         |  |                     |                  |
|  | produce ideas and regula   | aung construction   | and zoning.                            |  |                     |                  |
| ARNING TO OWNER                                      | YOUR FAILURE TO BE   | ECORD A NOTICE  | 05 00                                  | MENT MAY RE                            | SULT IN YOU         | I PAVING         |
|  | MENTS TO YOUR PROP   |   |  |  | , CONSULT V         | VITH YOUR        |
|  | LE HOME SALES,   |   | F COMMENCE                             | MENT.                                  |                     |                  |
|  | MISSE  |   | Ce 21                                  | 11.46                                  |                     |                  |
|  | t Including Contractor   |   | 2                                      | · ·                                    | Jack                |                  |
| vner Builder or Agen                                 | t (morading Contractor)  |   | Contractor S                           | ignature                               | 1/                  |                  |
| vner Builder or Agen                                 | Charles Ch   | eryl Sanders C  | Contractors                            | License Num                            | ber RR282           | 2811402          |
| vner Builder or Agen E OF FLORIDA                    | Ch<br>Co   | mission of pro-   | Contractors<br>Competency              | License Num<br>Card Numbe              | ber RR282<br>r_5385 | 2811402          |
| vner Builder or Agen E OF FLORIDA                    | Ch<br>Co   | mission of pro-   | Contractors                            | License Num<br>Card Numbe              | ber RR282<br>r 5385 | 2811402          |
| vner Builder or Agen E OF FLORIDA                    | A Chand subscribed before  | mmission of DOISEST<br>Expires Ang. 22 2005<br>mais Bonding Co. Tree                    | Contractors<br>Competency              | License Num<br>Card Numbe<br>AMP/SEAL  | r_ 5385             | 2811402          |
| vner Builder or Agen TY OF COLUMBI o (or affirmed) a | A Chand subscribed before 1  | mission of DOI 18-37  prices Ang. 22 2025  me Bonded Thru  mice Bonding Co. Inc.  20_05 | Contractors<br>Competency<br>NOTARY ST | License Num<br>Card Numbe<br>AMP/SEAL  | ber RR282<br>r 5385 | 2811402<br>Jesne |
| vner Builder or Agen TY OF COLUMBI o (or affirmed) a | A Chand subscribed before and subscribed before and subscribed before a subscribed bef | mission of DOI 18-37  prices Ang. 22 2025  me Bonded Thru  mice Bonding Co. Inc.  20_05 | Contractors<br>Competency<br>NOTARY ST | License Num Card Numbe AMP/SEAL  ature | r_ 5385             | 2811402<br>Jesn  |

t

#### PERMIT APPLICATION FOR MODULAR HOME INSTALLATION APPLICATION

| FERMIT AFFEIGATION FOR FRONCES THOME INSTALLATION AFFEIGATION   |
|---|
| For Office Use Only Zoning Official BUK 22. 11.04 Building Official OK JTH 03-24-05   |
| AP# Date Received By Permit #   |
| Flood Zone Development Permit NA Zoning SEMA Land Use Plan Map Category Cases May Development Permit NA Zoning SEMA Land Use Plan Map Category Res. May Development |
| Comments  |
|   |
| FEMA Map # Elevation Finished Floor River In Floodway   |
|   |
| Site Plan with Setbacks shown Environmental Health Signed Site Plan Env. Health Release  Well letter provided Existing Well  Revised 9-23-04                        |
| Well letter provided  Existing Well  Revised 9-23-04  |
| ■ Property ID <u>03-45-16-02732-551</u> Must have a copy of the property deed   |
| ■ New Meducal Home Used Mobile Home Year 2005   |
| · Subdivision Information Deer Creek Prase III Lot # 51   |
|   |
| - Applicant FREEDOM MOBILE HOME SALES INC. Phone # 752-5355   |
| - Address 466 SW DERVIY I DAVIS IN LAKE CITY, FL 32024  |
| Name of Property Owner Fazedon Mobile Homes Trc. Phone# 752-5355  |
| = 911 Address 120 SW NAthan (ourt ) L.C. 32024  |
| Circle the correct power company - FL Power & Light - Clay Electric  Clay Electric  |
| (Circle One) - Suwannee Valley Electric - Progressive Energy  |
| Name of Owner of Mobile Home Freedom Mobile Homes In. Phone # 752-5355  |
| - Address 466 510 Deputy J. Davis Road Lake City F1 3205  |
| Relationship to Property Owner Same   |
| Relationship to Property Owner Stance   |
| Current Number of Dwellings on Property   |
| - Lot Size Total Acreage34\ acre  |
| Do you : Have an <u>Existing Drive</u> or need a <u>Culvert Permit</u> or a <u>Culvert Waiver Permit</u>  |
|   |
| Driving Directions Hary 90 West to 250B Turn Cat go to  |
| Deer Greek "White Toil Court" Turn Right Follows around to  |
| "Nathan Ct" Turn Will 1st lot on the Right #51  |
| ■ Is this Mobile Home Replacing an Existing Mobile Home   |
| Name of Licensed Dealer/Installer FREEDOM, MOBILE HOMES Phone # 752-5355  |
|   |
| Installers Address 466 SW Deputy J. DAVIS Ln. LAKE CIty, F.1. 32024   |
| icense Number DH11215 Installation Decal #  |
| 11 - TNFormation -  |
|   |
|   |



THIS INSTRUMENT WAS PREPARED BY:

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

RETURN TO:

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

File No. 05-18

Property Appraiser's Parcel Identification No. 03-48-16-02732-532

Inst:2005005657 Date:03/10/2005 Time:15:59

Doc Stamp-Deed: 1904.00

\_\_\_DC,P.DeWitt Cason,Columbia County B:1040 P:603

#### WARRANTY DEED

THIS INDENTURE, made this 7th day of March 2005, BETWEEN CLYDE B. MUSGROVE, as Trustee Under The Provisions of That Certain Trust Agreement dated June 24, 1987, whose post office address is 8732 US Highway 90, Live Oak, Florida 32060, of the County of Suwannee, State of Florida, grantor\*, and FREEDOM MOBILE HOME SALES, INC., a Florida corporation, whose post office address is 466 SW Deputy J. Davis Lane, 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:

#### PARCEL NO. 1:

Lot 32 of DEER CREEK SUBDIVISION PHASE II, a subdivision according to the plat thereof recorded in Plat Book 7, Pages 11 and 12 of the public records of Columbia County, Florida.

#### PARCEL NO. 2:

Lots 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 72, 74, 76 and 77 of DEER CREEK PHASE 3, a subdivision according to the plat thereof recorded in Plat Book 7, Pages 186 and 187 of the public records of Columbia County, Florida.

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

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:

(Second Witness)

DeEtte F. Brown Printed Name

(SEAL) Clyde B. Musgrove, As Trustee Under The Provisions of That Certain Trust Agreement dated June 24, 1987

Inst:2005005657 Date:03/10/2005 Time:15:59

Doc Stamp-Deed : 1904.00 \_\_\_\_DC,P.DeWitt Cason,Columbia County B:1040 P:604

STATE OF FLORIDA COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 7th day of March 2005, by CLYDE B. MUSGROVE, as Trustee Under The Provisions of That Certain Trust Agreement dated June 24, 1987. He is personally known to me and did not take an oath.

Mulle Com Mc Very Notary Public My Commission Expires:



Project Name:

FP-104

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Builder:

|  | PRECISION HOIMES<br>Central | 65-5-5-5-4-10-60-4-10-20-20-20-20-20-20-20-20-20-20-20-20-20 | Permitting Office: Coca, Permit Number: 2  Jurisdiction Number: 2                 | 21000                           |
|--|-----------------------------|--|---|---------------------------------|
| New construction or     Single family or mult     Number of units, if n                              | i-family<br>witi-family     | New<br>Single family<br>I                                    | 12. Cooling systems a. Central Unit   | Cap: 32.0 kBtu/hr               |
| <ol> <li>Number of Bedrooms</li> <li>Is this a worst case?</li> <li>Conditioned floor are</li> </ol> |                             | 3 —<br>No —<br>1508 ft²                                      | b. N/A  |                                 |
| <ol> <li>Glass area &amp; type</li> <li>Clear glass, default U</li> </ol>                            | Single Pane                 | Double Pane 0.0 ft <sup>2</sup>                              | 13. Heating systems   | _                               |
| <ul> <li>b. Default tint, default U.</li> <li>c. Labeled U-factor or</li> <li>Floor types</li> </ul> | MAN AN                      | 0.0 ft <sup>2</sup>  | a. Electric Heat Pump<br>b. N/A   | Cap: 34.1 kBtu/hr<br>HSPF: 6.80 |
| <ul><li>a. Raised Wood, Stem V</li><li>b. N/A</li></ul>  | Vall R=                     | 19.0, 1508.0ft² —  | c. N/A  | -                               |
| c. N/A  Wall types  a. Frame, Wood, Exterio  | or R=                       |  | 14. Hot water systems a. Electric Resistance                                      | Cap: 40.0 gallons               |
| b. N/A<br>c. N/A<br>d. N/A   |                             | -  | b. N/A  | EF: 0.97                        |
| e. N/A 0. Ceiling types  |                             |  | c. Conservation credits (HR-Heat recovery, Solar                                  |                                 |
| a. Under Attic<br>b. N/A<br>c. N/A   | R=.                         | 30.0, 1508.0 ft² —   | DHP-Dedicated heat pump)  15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, | and t                           |
| Ducts     Sup: Unc. Ret: Unc.     b. N/A   | AH: Outdoors Sup.           | R=6.0, 150.0 ft  | HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling,           | 2-2-C                           |
|  |                             | _  | MZ-H-Multizone heating)   | 2-2-6                           |
| Glass/F  | Floor Area: 0.12            |  | points: 21580 PASS  |                                 |

Energy Code.

PREPARED BY:

DATE:

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: See Contyon

EnergyGauge® (Version: FLRCSB v3.4)

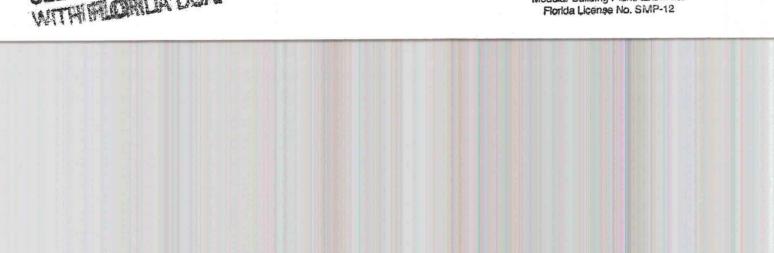
DATE:

specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908

Florida Statutes. BUILDING OF TO WOOD BY

Modular Building Plans Examiner Florida License No. SMP-12





# **SUMMER CALCULATIONS**

# Residential Whole Building Performance Method A - Details

ADDRESS:,,,
PERMIT #:

|   | BASE             |  |                |  |                             | AS                      | -BU  | ILT      |             |              |                   |          |
|---|------------------|--|----------------|--|-----------------------------|-------------------------|--|----------|-------------|--------------|-------------------|----------|
| GLASS TYPES<br>.18 X Conditio<br>Floor Ar |                  | SPM = I  | Points         | Type/SC  |                             | erhang<br>Len           |  | Area X   | SPI         | иx           | SOF               | = Points |
| .18 1508.                                 | .0 :             | 25.78  | 6997.7         | Double,U=0.48,Clear  | N                           | 1.0                     | 10.0   | 78.6     | 28.2        |              | 0.99              | 2206.2   |
|   |                  |  |                | Double,U=0.48,Clear  | E                           | 1.0                     | 10.0   | 24.4     | 57.3        |              | 0.99              | 1391.9   |
|   |                  |  |                | Double,U=0.48,Clear  | S                           | 1.0                     | 10.0   | 73.2     | 43.7        |              | 0.99              | 3167.1   |
|   |                  |  |                | Single,U=0.48,Clear  | W                           | 1.0                     | 10.0   | 12.2     | 59.7        | 6            | 0.99              | 725.1    |
|   |                  | recipial actions porce.  |                | As-Built Total:  | To the law was a second     |                         | NAME OF THE OWNER, WHEN PARTY OF THE OWNER, WH | 188.4    |             |              |                   | 7490.3   |
| WALL TYPES                                | Area X           | BSPM   | = Points       | Type   |                             | R                       | -Value   | a Area   | Х           | SPI          | Л =               | Points   |
| Adjacent<br>Exterior                      | 0.0<br>1344.0    | 0.00<br>1.90   | 0.0<br>2553.6  | Frame, Wood, Exterior  |                             |                         | 13.0   | 1344.0   | - Internet  | 1.70         | of many falloward | 2284.8   |
| Base Total:                               | 1344.0           |  | 2553.6         | As-Built Total:  |                             |                         |  | 1344.0   |             | Allen allege |                   | 2284.8   |
| DOOR TYPES                                | Area X           | BSPM   | = Points       | Туре   |                             |                         |  | Area     | X           | SPI          | Л =               | Points   |
| Adjacent<br>Exterior                      | 0.0<br>38.4      | 0.00<br>4.80   | 0,0<br>184.3   | Exterior Insulated   | HOLESON WILLIAM             |                         | ANN COLORS HIS YES   | 38.4     | Marketon    | 4.80         |                   | 184.3    |
| Base Total:                               | 38.4             | Material Service Servi | 184.3          | As-Built Total:  |                             |                         |  | 38.4     |             |              |                   | 184.3    |
| CEILING TYPES                             | Area X           | BSPM   | = Points       | Туре   |                             | R-Val                   | ue /   | Area X S | SPM         | X S          | CM =              | Points   |
| Under Attic                               | 1508.0           | 2.13   | 3212.0         | Under Attic  |                             |                         | 30.0   | 1508.0 2 | 2.13 >      | (1.00        | distanting the    | 3212.0   |
| Base Total:                               | 1508.0           | enone successor  | 3212.0         | As-Built Total:  | produka koali (Netorona kun |                         | Name of the Parket   | 1508.0   |             |              |                   | 3212.0   |
| FLOOR TYPES                               | Area X           | BSPM   | = Points       | Туре   |                             | R                       | -Value   | Area     | X           | SPN          | A =               | Points   |
| Slab<br>Raised                            | 0.0(p)<br>1508.0 | 0.0<br>-3.43   | 0.0<br>-5172.4 | Raised Wood, Stem Wall   |                             | NUMER OF STREET         | 19,0   | 1508.0   | gradecii mu | -1.80        |                   | -2714.4  |
| Base Total:                               |                  | WW/COTONOSCHOOMS   | -5172.4        | As-Built Total:  |                             |                         |  | 1508.0   |             |              |                   | -2714.4  |
| INFILTRATION                              | Area X           | BSPM   | = Points       |  |                             |                         |  | Area     | Х           | SPA          | A =               | Points   |
|   | 1508.0           | 14.31  | 21579.5        | A STATE OF THE STA |                             | AND MAKE AND CONTRACTOR | O SUCIDICAL HAVE   | 1508.0   | )           | 14.31        |                   | 21579.5  |

EnergyGauge® DCA Form 600A-2001

EnergyGauge®/FlaRES'2001 FLRCSB v3.4

2-2-0\$

# SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

|                        | BASE                   |                     | AS-BUILT  |         |  |  |  |  |  |  |  |  |
|------------------------|------------------------|---------------------|---|---------|--|--|--|--|--|--|--|--|
| Summer Bas             | e Points:              | 29354.7             | Summer As-Built Points:   | 32036.5 |  |  |  |  |  |  |  |  |
| Total Summer<br>Points | X System<br>Multiplier | = Cooling<br>Points | Total X Cap X Duct X System X Credi<br>Component Ratio Multiplier Multiplier Multipli<br>(DM x DSM x AHU) |         |  |  |  |  |  |  |  |  |
| 29354.7                | 0.4266                 | 12522.7             | 32036.5 1.000 (1.087 x 1.150 x 1.02) 0.284 1.000<br>32036.5 1.00 1.275 0.284 1.00                         |         |  |  |  |  |  |  |  |  |

EnergyGauge™ DCA Form 600A-2001

EnergyGauge®/FlaRES'2001 FLRCSB v3.4

2-01-05

# Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

|   | BASE                           |  |                |                        | ANTINOMIA ANTIVINIS                             | AS   | -BU                | ILT    | decoding to   | recine into | nicka testya | 100 m   | nesia sunta como a tras |
|---|--------------------------------|--|----------------|------------------------|---|--|--------------------|--------|---------------|-------------|--------------|---|-------------------------|
| GLASS TYPES<br>.18 X Condition<br>Floor A | oned X E                       | BWPM =   | Points         | Type/SC                |   | rhang  | ]                  |        | · W           | PM          | X            | wo  | F = Point               |
| .18 1508                                  | 3.0                            | 5,86   | 1590.6         | Double,U=0.48,Clear    | N   | 1.0  | 10.0               | 78.6   | THE RESERVE   | 5.03        | NOTHIN NAME  | 1.00  | 473.5                   |
|   |                                |  |                | Double,U=0.48,Clear    | E   | 1.0  | 10.0               | 24.4   | 107           | 3.98        |              | 1.00  | 97.4                    |
|   |                                |  |                | Double,U=0.48,Clear    | S   | 1.0  | 10.0               | 73.2   | 1             | .96         |              | 1.00  | 142.9                   |
|   |                                |  |                | Single,U=0.48,Clear    | W   | 1.0  | 10.0               | 12.2   | 4             | .26         |              | 1.00  | 51.9                    |
|   | Market and Construction of the | Tanon de la destrucciona d   |                | As-Built Total:        |   |  |                    | 188.4  |               |             |              |   | 765.6                   |
| WALL TYPES                                | Area X                         | BWPM   | = Points       | Туре                   |   | R  | -Value             | Area   | X             | W           | PM           | =   | Points                  |
| Adjacent<br>Exterior                      | 0.0<br>1344.0                  | 0.00<br>2.00   | 0.0°<br>2688.0 | Frame, Wood, Exterior  |   | ATTA STATISTICS OF STATISTICS  | 13.0               | 1344.0 |               | 1.          | 30           |   | 2419.2                  |
| Base Total:                               | 1344.0                         | THE RESERVE TO SHARE   | 2688.0         | As-Built Total:        |   |  |                    | 1344.0 |               |             |              |   | 2419.2                  |
| DOOR TYPES                                | Area X                         | BWPM   | = Points       | Туре                   | CHARLES AND | RITERROPERITANIA   | Home and Muse.     | Area   | X             | W           | PM           | =   | Points                  |
| Adjacent<br>Exterior                      | 0.0<br>38.4                    | 0.00<br>5.10   | 0.0<br>195.8   | Exterior Insulated     |   | CO. III (FILEDOM)  | NA TRANSPORTAÇÃO   | 38.4   | Name (Special | 5,1         | 0            | AV RECENT   | 195.8                   |
| Base Total:                               | 38.4                           | The principle of the second  | 195.8          | As-Built Total:        |   |  |                    | 38.4   |               |             |              |   | 195.8                   |
| CEILING TYPES                             | S Area X                       | BWPM   | = Points       | Туре                   | R-  | Value  | Ar                 | ea X W | PM            | ΧV          | /CA          | /I =  | Points                  |
| Under Attic                               | 1508.0                         | 0.64   | 965:1          | Under Attic            |   |  | 30.0               | 1508.0 | 0.64          | X 1.0       | 0            | TETRINOCOUN   | 965.1                   |
| Base Total:                               | 1508.0                         | MONTH OF THE PARTY | 965.1          | As-Built Total:        |   |  |                    | 1508.0 |               |             |              |   | 965.1                   |
| FLOOR TYPES                               | Area X                         | BWPM   | = Points       | Туре                   |   | R-1  | Value              | Area   | X             | WF          | M            | TO STATE OF | Points                  |
| Slab<br>Raised                            | 0.0(p)<br>1508.0               | 0.0<br>-0.20   | 0.0<br>-301.6  | Raised Wood, Stem Wall |   |  | 19.0               | 1508.0 | thistering    | 0.3         | 0            | ORANGO PROPERTIES   | 452.4                   |
| Base Total:                               |                                |  | -301.6         | As-Built Total:        |   |  |                    | 1508.0 |               |             |              |   | 452.4                   |
| INFILTRATION                              | Area X                         | BWPM   | = Points       |                        |   | TO STATE OF THE ST | ACM THE CONTROL    | Area   | X             | WP          | M            | =   | Points                  |
|   | 1508.0                         | -0.28  | -422.2         |                        |   |  | - NATIONAL SECTION | 1508.0 |               | -0.2        | 28           | OCCUPATION.   | -422,2                  |

EnergyGauge® DCA Form 600A-2001

EnergyGauge®/FlaRES'2001 FLRCSB v3.4

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

|                          | BASE                     |                   | AS-BUILT  |                  |  |  |  |  |  |  |  |  |
|--------------------------|--------------------------|-------------------|---|------------------|--|--|--|--|--|--|--|--|
| Winter Base              | Points:                  | 4715.8            | Winter As-Built Points:   | 4376.0           |  |  |  |  |  |  |  |  |
| Total Winter .<br>Points | X System =<br>Multiplier | Heating<br>Points | Total X Cap X Duct X System X Credit Component Ratio Multiplier Multiplier Multiplier Multiplier (DM x DSM x AHU) | 3                |  |  |  |  |  |  |  |  |
| 4715.8                   | 0.6274                   | 2958.7            | 4376.0 1.000 (1.078 x 1.160 x 1.09) 0.502 1.000<br>4376.0 1.00 1.363 0.502 1.000                                  | 2993.7<br>2993.7 |  |  |  |  |  |  |  |  |

EnergyGauge™ DCA Form 600A-2001

EnergyGauge®/FlaRES'2001 FLRCSB v3.4

(My dat 2-1-05

# WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

|                                    | E | BASE       |   |        | AS-BUILT       |      |                    |   |                 |              |            |        |
|------------------------------------|---|------------|---|--------|----------------|------|--------------------|---|-----------------|--------------|------------|--------|
| WATER HEA<br>Number of<br>Bedrooms | X | Multiplier | = | Total  | Tank<br>Volume | EF   | Number of Bedrooms | X | Tank X<br>Ratio | Mulfiplier 3 | K Credit = |        |
| 3                                  |   | 2564.00    |   | 7692.0 | 40.0           | 0.97 | 3                  | - | 1.00            | 2326.10      | 1.00       | 6978.3 |
|                                    |   |            |   |        | As-Built To    | tal: |                    |   |                 |              |            | 6978.  |

|                   |   |                   |   | CODE                | C | OMPLI           | ANCE              | ST | TATUS             | 3 |                     |              | MANUAL COM      |
|-------------------|---|-------------------|---|---------------------|---|-----------------|-------------------|----|-------------------|---|---------------------|--------------|-----------------|
| BASE              |   |                   |   |                     |   |                 | AS-BUILT          |    |                   |   |                     |              |                 |
| Cooling<br>Points | + | Heating<br>Points | + | Hot Water<br>Points | = | Total<br>Points | Cooling<br>Points | +  | Heating<br>Points | + | Hot Water<br>Points | =            | Total<br>Points |
| 12523             |   | 2959              |   | 7692                | - | 23173           | 11608             |    | 2994              |   | 6978                | ************ | 21580           |

**PASS** 



EnergyGauge™ DCA Form 600A-2001

EnergyGauge®/FlaRES'2001 FLRCSB v3.4

Mymst Z-1-05

# **Code Compliance Checklist**

# Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

#### **6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST**

| COMPONENTS                    | SECTION         | REQUIREMENTS FOR EACH PRACTICE   | CHECK |
|-------------------------------|-----------------|--|-------|
| Exterior Windows & Doors      | 606.1.ABC.1.1   | Maximum: 3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.  |       |
| Exterior & Adjacent Walls     | 606.1.ABC.1.2.1 | Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate. |       |
| Floors                        | 606.1.ABC.1.2.2 | Penetrations/openings >1/8" sealed unless backed by truss or joint members.  EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.   |       |
| Ceilings                      | 606.1.ABC.1.2.3 | Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.   |       |
| Recessed Lighting Fixtures    | 606.1.ABC.1.2.4 | Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.  |       |
| Multi-story Houses            | 606.1.ABC.1.2.5 | Air barrier on perimeter of floor cavity between floors.   |       |
| Additional Infiltration reqts | 606.1.ABC.1.3   | Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.  |       |

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

| COMPONENTS               | SECTION      | REQUIREMENTS  | CHECK |
|--------------------------|--------------|---|-------|
| Water Heaters            | 612.1        | Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided, External or built-in heat trap required.   |       |
| Swimming Pools & Spas    | 612.1        | Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.  |       |
| Shower heads             | 612.1        | Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.  |       |
| Air Distribution Systems | 610.1        | All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610.  Ducts in unconditioned attics: R-6 min. insulation. |       |
| HVAC Controls            | 607.1        | Separate readily accessible manual or automatic thermostat for each system.   |       |
| Insulation               | 604.1, 602.1 | Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides.  Common ceiling & floors R-11.   |       |

EnergyGauge™ DCA Form 600A-2001

EnergyGauge@/FlaRES'2001 FLRCSB v3.4

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

#### ESTIMATED ENERGY PERFORMANCE SCORE\* = 84.8

The higher the score, the more efficient the home.

#### PRECISION HOIMES, , , ,

| 1.   | New construction or existing       |                      | New                          | 1               | 2.  | Cooling systems  |                   |     |
|------|------------------------------------|----------------------|------------------------------|-----------------|-----|--|-------------------|-----|
| 2.   | Single family or multi-family      |                      | Single family                |                 | a.  | Central Unit   | Cap: 32.0 kBtu/hr |     |
| 3.   | Number of units, if multi-family   |                      | 1                            |                 |     |  | SEER: 12.00       |     |
| 4.   | Number of Bedrooms                 |                      | 3                            |                 | b.  | N/A  |                   |     |
| 5.   | Is this a worst case?              |                      | No                           | 5000            |     |  |                   |     |
| 6.   | Conditioned floor area (ft2)       |                      | 1508 ft <sup>2</sup>         |                 | c.  | N/A  |                   |     |
| 7.   | Glass area & type                  | Single Pane          | Double Pane                  |                 |     |  |                   |     |
| a.   | Clear glass, default U-factor      | 0.0 ft²              | 0.0 ft <sup>2</sup>          | 1               | 3.  | Heating systems  |                   |     |
| b.   | Default tint, default U-factor     | 0.0 ft <sup>2</sup>  | 0.0 ft <sup>2</sup>          | 1704            | a.  | Electric Heat Pump   | Cap; 34.1 kBtu/hr |     |
| c.   | Labeled U-factor or SHGC           | 12.2 ft <sup>2</sup> | 176.2 ft <sup>2</sup>        |                 |     |  | HSPF: 6.80        |     |
| 8.   | Floor types                        | 1,2.2                |                              |                 | ь.  | N/A  |                   | -   |
| a.   | Raised Wood, Stem Wall             | R-                   | 19.0, 1508.0ft <sup>2</sup>  | Table 2         |     |  |                   |     |
|      | . N/A                              |                      |                              | 2000            | c.  | N/A  |                   |     |
| C.   | . N/A                              |                      |                              |                 |     |  |                   |     |
| 9.   | Wall types                         |                      |                              | 1               | 4.  | Hot water systems  |                   |     |
| a    | Frame, Wood, Exterior              | R=                   | 13.0, 1344.0 ft <sup>2</sup> | 100000          | a.  | Electric Resistance  | Cap: 40.0 gallons |     |
| ь    | . N/A                              |                      |                              | 100 100         |     |  | EF: 0.97          | 1   |
| C.   | . N/A                              |                      |                              |                 | b.  | N/A  |                   |     |
| d    | . N/A                              |                      |                              |                 |     |  |                   |     |
| e.   | . N/A                              |                      |                              | S POSSO         | c.  | Conservation credits   |                   |     |
| 10.  | Ceiling types                      |                      |                              |                 |     | (HR-Heat recovery, Solar   |                   |     |
|      | Under Attic                        | R=                   | 30.0, 1508.0 ft <sup>2</sup> |                 |     | DHP-Dedicated heat pump)   |                   |     |
| b    | , N/A                              |                      |                              | 1               | 5.  | HVAC credits   |                   |     |
| c.   | . N/A                              |                      |                              |                 |     | (CF-Ceiling fan, CV-Cross ventilation,   |                   |     |
| 11.  | Ducts                              |                      | 100                          |                 |     | HF-Whole house fan,  |                   |     |
| a.   | Sup: Unc. Ret: Unc. AH: Outdoor    | s Sup.               | R=6.0, 150.0 ft              | -               |     | PT-Programmable Thermostat,  |                   |     |
|      | . N/A                              | 1                    |                              | -               |     | MZ-C-Multizone cooling,  |                   |     |
|      |                                    |                      |                              | eumone.         |     | MZ-H-Multizone heating)  |                   |     |
|      |                                    |                      |                              |                 |     |  |                   |     |
|      |                                    |                      |                              |                 |     |  |                   |     |
|      |                                    |                      |                              | <del>mar.</del> |     |  |                   |     |
| I ce | ertify that this home has complied | ed with the l        | Florida Energy               | y Efficie       | ncy | Code For Building  |                   |     |
| Con  | nstruction through the above en-   | ergy saving          | features which               | h will be       | ins | stalled (or exceeded)  | THE STATE         | 4   |
| in t | his home before final inspection   | n. Otherwise         | a new EPL 1                  | Display (       | Car | d will be completed  |                   | Bo  |
|      | ed on installed Code compliant     |                      |                              |                 |     | one and the state of the state  | 12/10/19          | 13  |
|      |                                    |                      |                              |                 |     |  | 12 2              | Z   |
| Bui  | ilder Signature:                   |                      |                              | Date:           |     | The second secon | 13                | 121 |
|      |                                    |                      |                              |                 |     |  | H. LEEL THE       | RA  |

\*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program.

This is <u>not</u> a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating.

Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construct contact the Department of Community Affairs at 850/487-1824.

Address of New Home:

EnergyGauge® (Version: FLRCSB v3.4)

City/FL Zip:

2-1-05

GOD WET

Project Name:

FP-104

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Builder:

Permitting Office:

| Address: City, State: Owner: PRECISION HO Climate Zone: North   | IMES                           | Permitting Office: Permit Number: Jurisdiction Number:  |                               |
|---|--------------------------------|---|-------------------------------|
| a. Clear glass, default U-factor 0. b. Default tint, default U-factor 0.  | New                            | 12. Cooling systems a. Central Unit b. N/A c. N/A 13. Heating systems a. Electric Heat Pump   | Cap: 32.0 kBtu/hr SEER: 12.00 |
| 8. Floor types a. Raised Wood, Stem Wall b. N/A c. N/A  9. Wall types   | R=19.0, 1508.0ft <sup>2</sup>  | b. N/A c. N/A 14. Hot water systems   |                               |
| a. Frame, Wood, Exterior b. N/A c. N/A d. N/A e. N/A 10. Ceiling types a. Under Attic b. N/A c. N/A 11. Ducts a. Sup: Unc. Ret: Unc. AH: Outdoors b. N/A  | R=13.0, 1344.0 ft <sup>2</sup> | a. Electric Resistance b. N/A c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating) | Cap: 40.0 gallons EF: 0.97    |
| Glass/Floor Area: 0.  |                                | points: 22735<br>points: 24623 PASS   |                               |
| I hereby certify that the plans and sp by this calculation are in compliance Energy Code.  PREPARED BY:  DATE: /-Zz-  I hereby certify that this building, as compliance with the Florida Energy  OWNER/AGENT:  PATE: | designed, is in                | this building will be inspected for compliance with Section 553.908 Florida Statutes.   | COD WE THUS ALLYONS           |
| TH FLORIDA DCA  | EnergyGauge® (\                | Version: FLRCSB v3.4)  Modular C  | This is Syamine               |

# **SUMMER CALCULATIONS**

# Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

|  | BASE             |              |                |  |                    | AS   | -BU                          | ILT                          |  |                 |  |                                     |
|--|------------------|--------------|----------------|--|--------------------|--|------------------------------|------------------------------|--|-----------------|--|-------------------------------------|
| GLASS TYPES<br>.18 X Condition<br>Floor Are            |                  | PM = F       | Points         | Type/SC  |                    | rhang<br>Len   |                              | Area X                       | SPA                                    | их              | SOF:   | = Points                            |
| .18 1508.0   |                  | 20.04        | 5439.7         | Double,U=0.48,Clear<br>Double,U=0.48,Clear<br>Double,U=0.48,Clear<br>Single,U=0.48,Clear | N<br>E<br>S<br>W   | 1.0<br>1.0<br>1.0<br>1.0   | 10.0<br>10.0<br>10.0<br>10.0 | 78.6<br>24.4<br>73.2<br>12.2 | 21.2<br>43.9<br>37.7<br>46.5           | 92<br>73        | 0.99<br>0.99<br>0.99<br>1.00   | 1661.6<br>1065.9<br>2736.5<br>565.4 |
|  |                  |              |                | As-Built Total:  |                    |  | No.                          | 188.4                        |  | www.de/educatio | nun signamenta   | 5029.4                              |
| WALL TYPES   | Area X           | BSPM         | = Points       | Туре   |                    | R  | k-Valu                       | e Area                       | X                                      | SPN             | A =  | Points                              |
| Adjacent<br>Exterior                                   | 0.0<br>1344.0    | 0.00<br>1.70 | 0.0<br>2284.8  | Frame, Wood, Exterior  |                    |  | 13.0                         | 1344.0                       | ************************************** | 1.50            |  | 2016.0                              |
| Base Total:  | 1344.0           |              | 2284.8         | As-Built Total:  |                    |  |                              | 1344.0                       | VIATRATICA                             | Cutatorium      | COLUMN TO SECULO SE   | 2016.0                              |
| DOOR TYPES   | Area X           | BSPM         | = Points       | Type   |                    |  |                              | Area                         | ı X                                    | SPN             | A =  | Points                              |
| Adjacent<br>Exterior                                   | 0:0<br>38.4      | 0.00<br>6.10 | 0.0<br>234.2   | Exterior Insulated   |                    |  |                              | 38.4                         |  | 4.10            |  | 157.4                               |
| Base Total;  | 38.4             |              | 234.2          | As-Built Total:  |                    |  |                              | 38.4                         |  |                 | NOTE AND DESCRIPTION OF THE PARTY OF THE PAR | 157.4                               |
| CEILING TYPES  | Area X           | BSPM         | = Points       | Туре   |                    | R-Va   | lue.                         | Area X                       | SPM                                    | X S             | OM =   | Points                              |
| Under Attic  | 1508.0           | 1.73         | 2608.8         | Under Attic  |                    | Name of Street, Street | 30.0                         | 1508,0                       | 1.73                                   | X 1.00          |  | 2608.8                              |
| Base Total:  | 1508.0           |              | 2608.8         | As-Built Total:  | -                  | Anneces (SA  | Marie Control                | 1508.0                       | median estado                          |                 |  | 2608.8                              |
| FLOOR TYPES  | Area X           | BSPM         | = Points       | Туре   | TI AN AND PRODUCES | F  | R-Valu                       | e Area                       | X                                      | SPI             | A =  | Points                              |
| Slab<br>Raised   | 0.0(p)<br>1508.0 | 0.0<br>-3.99 | 0.0<br>-6016.9 | Raised Wood, Stem Wall   |                    |  | 19.0                         | 1508.0                       |  | -1.50           |  | -2262.0                             |
| Base Total:  |                  |              | -6016.9        | As-Built Total:  |                    |  |                              | 1508.0                       |  |                 | and were present   | -2262.0                             |
| INFILTRATION   | Area X           | BSPM         | = Points       |  |                    |  |                              | Area                         | ìХ                                     | SPI             | vi =   | Points                              |
| gypon gallaga a san an an an Gallaga an an an an an an | 1508.0           | 10.21        | 15396.7        |  |                    |  | - Inches de Carlos           | 1508                         | .0                                     | 10.2            | 1  | 15396.7                             |

EnergyGauge® DCA Form 600A-2001

EnergyGauge®/FlaRES'2001 FLRCSB v3.4

2.1-05

## **SUMMER CALCULATIONS**

Residential Whole Building Performance Method A - Details

ADDRESS:,,,
PERMIT #:

|                        | BASE                   |                     | AS-BUILT  |                         |  |
|------------------------|------------------------|---------------------|---|-------------------------|--|
| Summer Bas             | se Points:             | 19947.3             | Summer As-Built Points:   | 23946.3                 |  |
| Total Summer<br>Points | X System<br>Multiplier | = Cooling<br>Points | Total X Cap X Duct X System X Credit Component Ratio Multiplier Multiplier Multiplier Multiplier (DM x DSM x AHU) | = Cooling<br>Points     |  |
| 19947.3                | 0.4266                 | 8509.5              | 23946.3 1.000 (1.090 x 1.147 x 1.02) 0.284 1.000<br>23946.3 1.00 1.275 0.284 1.000                                | 8685.3<br><b>8685.3</b> |  |

EnergyGauge™ DCA Form 600A-2001

EnergyGauge®/FlaRES'2001 FLRCSB v3.4

MASTUTAS 2-1-05

# Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

|   | BASE   |              |               |   |                     | AS   | -BUI                    | LT           |  | -                    |                  | 000110011001 (m m) |
|---|--|--------------|---------------|---|---------------------|--|-------------------------|--------------|--|----------------------|------------------|--------------------|
| GLASS TYPES<br>.18 X Condition<br>Floor Are |  | VPM = I      | Points        | Type/SC                                       | Ove<br>Ornt         | erhang<br>Len  | )<br>Hgt                | Area X       | WF   | PM X                 | WOF              | = Points           |
| .18 1508.0                                  | A STATE OF THE PARTY OF THE PAR | 12.74        | 3458.1        | Double,U=0.48,Clear                           | N<br>E              | 1.0  | 10.0                    | 78.6<br>24.4 | 13.  | 32<br>72             | 1.00             | 1047.5<br>189.5    |
|   |  |              |               | Double,U=0.48,Clear<br>Double,U=0.48,Clear    | S                   | 1.0  | 10.0                    | 73.2         | -  | 29                   | 0.99             | 166.8              |
|   |  |              |               | Single,U=0.48,Clear                           | W                   | 1.0  | 10.0                    | 12.2         | 8.   | 38                   | 1.00             | 102.4              |
|   |  |              |               | As-Built Total:                               |                     |  |                         | 188.4        |  |                      |                  | 1506.2             |
| WALL TYPES                                  | Area X   | BWPM         | = Points      | Туре  |                     | R  | -Value                  | e Area       | X  | WPN                  | 1 =              | Points             |
| Adjacent<br>Exterior                        | 0.0<br>1344.0  | 0.00<br>3.70 | 0.0<br>4972.8 | Frame, Wood, Exterior                         | ANTONIA PER INTONIA |  | 13.0                    | 1344.0       |  | 3.40                 |                  | 4569.6             |
| Base Total:                                 | 1344.0   |              | 4972.8        | As-Built Total:                               |                     | -  |                         | 1344.0       |  | ygnu siyasənxalanıya |                  | 4569.6             |
| DOOR TYPES                                  | Area X   | BWPM         | = Points      | Туре  |                     |  |                         | Area         | Х  | WPN                  | A =              | Points             |
| Adjacent                                    | 0.0  | 0.00         | 0.0           | Exterior Insulated                            |                     | e-systemation  | NEW MODERNIA            | 38,4         | and the second   | 8.40                 |                  | 322.6              |
| Exterior                                    | 38.4   | 12.30        | 472.3         | 15. A. S. |                     |  |                         |              |  |                      |                  |                    |
| Base Total:                                 | 38.4   |              | 472.3         | As-Built Total:                               |                     |  | war min met bezon       | 38.4         | -  | geraenstriken)       | www.massas       | 322.6              |
| CEILING TYPES                               | Area X   | BWPM         | = Points      | Туре  | F                   | R-Valu   | ie A                    | rea X V      | /PN  | 1 X W                | = MC             | Points             |
| Under Attic                                 | 1508.0   | 2.05         | 3091,4        | Under Attic                                   |                     |  | 30.0                    | 1508.0       | 2.05   | X1.00                |                  | 3091.4             |
| Base Total:                                 | 1508.0   |              | 3091.4        | As-Built Total:                               |                     | and the second s | o description controls. | 1508.0       | NO CONTRACTOR OF THE PARTY OF T | CANADA TANGE         | DUSHIN TRUMSNAVI | 3091.4             |
| FLOOR TYPES                                 | Area X   | BWPM         | = Points      | Туре  |                     |  | R-Valu                  | e Area       | X  | WPI                  | - N              | Points             |
| Slab  | 0.0(p)   | 0.0          | 0.0           | Raised Wood, Stem Wall                        |                     |  | 19.0                    | 1508.0       |  | 0.80                 |                  | 1206.4             |
| Raised                                      | 1508.0   | 0.96         | 1447.7        |   |                     |  |                         |              |  |                      |                  |                    |
| Base Total:                                 |  |              | 1447.7        | As-Built Total:                               |                     | A/F  | upopulario movem        | 1508.0       | alutionaries   |                      | ***********      | 1206.4             |
| INFILTRATION                                | Area X   | BWPM         | = Points      |   |                     |  |                         | Area         | X  | WPI                  | M =              | Points             |
| понциональной повершений понциональной по   | 1508.0   | -0.59        | -889.7        |   |                     |  |                         | 1508         | .0   | -0.5                 | 9                | -889.7             |

EnergyGauge® DCA Form 600A-2001

EnergyGauge®/FlaRES'2001 FLRCSB v3.4

## Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

|                       | BASE   |         |                         | AS-BUILT |   |                         |  |  |  |  |  |  |  |
|-----------------------|--|---------|-------------------------|----------|---|-------------------------|--|--|--|--|--|--|--|
| Winter Base           | Points:  | 12552.6 | Winter As-B             | uilt P   | oints:  | 9806.5                  |  |  |  |  |  |  |  |
| Total Winter > Points | Total Winter X System = Heating Points Multiplier Points |         |                         |          | X Duct X System X Credit = Multiplier Multiplier (DM x DSM x AHU) | Heating<br>Points       |  |  |  |  |  |  |  |
| 12552.6               | 0.6274   | 7875.5  | 9806.5<br><b>9806.5</b> | 1.000    |   | 6575.6<br><b>6575.6</b> |  |  |  |  |  |  |  |

EnergyGauge™ DCA Form 600A-2001

EnergyGauge®/FlaRES'2001 FLRCSB v3.4

NAJAUT 2-1-05

# WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , . . PERMIT #:

|                                    | E    | ASE        |                |        | STATEMENT           |      |                    | S-BUII   | Т.      |      |         |
|------------------------------------|------|------------|----------------|--------|---------------------|------|--------------------|----------|---------|------|---------|
| WATER HEA<br>Number of<br>Bedrooms | TING | Multiplier | =              | Total  | Tank<br>Volume      | EF   | Number of Bedrooms |          |         |      | = Total |
| 3                                  |      | 2746.00    | de government. | 8238.0 | 40.0<br>As-Built To | 0.97 | 3                  | <br>1.00 | 2491.22 | 1.00 | 7473.I  |

| Section of the sectio |      |                   |   | CODE                | C         | OMPLIA          | ANCE              | ST            | ATUS              | 3 |                     |   |                 |
|--|------|-------------------|---|---------------------|-----------|-----------------|-------------------|---------------|-------------------|---|---------------------|---|-----------------|
|  | BASE |                   |   |                     |           |                 |                   | AS-BUILT      |                   |   |                     |   |                 |
| Cooling<br>Points  | +    | Heating<br>Points | + | Hot Water<br>Points | uomemess. | Total<br>Points | Cooling<br>Points | +             | Heating<br>Points | + | Hot Water<br>Points | = | Total<br>Points |
| 8510   |      | 7876              |   | 8238                |           | 24623           | 8685              | Marie Problem | 6576              |   | 7474                |   | 2273            |

**PASS** 



EnergyGauge™ DCA Form 600A-2001

EnergyGauge®/FlaRES'2001 FLRCSB v3.4

# **Code Compliance Checklist**

# Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

#### 6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

| COMPONENTS                    | SECTION         | REQUIREMENTS FOR EACH PRACTICE   | CHECK |
|-------------------------------|-----------------|--|-------|
| Exterior Windows & Doors      | 606.1.ABC.1.1   | Maximum: 3 cfm/sq.ft, window area; .5 cfm/sq.ft, door area.  | -     |
| Exterior & Adjacent Walls     | 606.1.ABC.1.2.1 | Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate. |       |
| Floors                        | 606.1.ABC.1.2.2 | Penetrations/openings >1/8" sealed unless backed by truss or joint members.  EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.   |       |
| Ceilings                      | 606.1.ABC.1.2.3 | Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.   | 1     |
| Recessed Lighting Fixtures    | 606.1.ABC.1.2.4 | Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.  |       |
| Multi-story Houses            | 606.1.ABC.1.2.5 | Air barrier on perimeter of floor cavity between floors.   |       |
| Additional Infiltration regts | 606.1.ABC.1.3   | Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.  |       |

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

| COMPONENTS               | SECTION      | REQUIREMENTS   | CHECK |
|--------------------------|--------------|--|-------|
| Water Heaters            | 612.1        | Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.  |       |
| Swimming Pools & Spas    | 612.1        | Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.   |       |
| Shower heads             | 612.1        | Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.   |       |
| Air Distribution Systems | 610.1        | All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation. |       |
| HVAC Controls            | 607.1        | Separate readily accessible manual or automatic thermostat for each system.  |       |
| Insulation               | 604.1, 602.1 | Ceilings-Min, R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.   |       |

EnergyGauge™ DCA Form 600A-2001

EnergyGauge®/FlaRES'2001 FLRCSB v3.4

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

#### ESTIMATED ENERGY PERFORMANCE SCORE\* = 84.3

The higher the score, the more efficient the home.

#### PRECISION HOIMES, , , ,

| 1.    | New construction or existing     |                     | New                                     | 10.00  | 12.      | Cooling systems  |  |              |
|-------|----------------------------------|---------------------|---|--|----------|--|--|--------------|
| 2.    | Single family or multi-family    |                     | Single family                           | (10000)  |          | Central Unit   | Cap: 32.0 kBtu/hr  | -            |
| 3.    | Number of units, if multi-family |                     | 1                                       | *****  |          |  | SEER: 12.00  |              |
| 4.    | Number of Bedrooms               |                     | 3                                       | -  | b.       | N/A  |  |              |
| 5.    | Is this a worst case?            |                     | No                                      |  |          |  |  | 75.57        |
| 6.    | Conditioned floor area (ft2)     |                     | 1508 ft <sup>2</sup>                    |  | C.       | N/A  |  | (57770)      |
| 7.    | Glass area & type                | Single Pane         | Double Pane                             |  |          |  |  | -            |
| a.    | Clear glass, default U-factor    | 0.0 ft <sup>2</sup> | 0.0 ft²                                 |  | 13.      | Heating systems  |  |              |
| b.    | Default tint, default U-factor   | 0.0 ft <sup>2</sup> | 0.0 ft <sup>2</sup>                     | 200000   |          | Electric Heat Pump   | Cap: 34.1 kBtu/hr  | · Management |
| c.    | Labeled U-factor or SHGC         | 12.2 ft²            | 176.2 ft <sup>2</sup>                   |  |          |  | HSPF: 6.80   | *****        |
| 8.    | Floor types                      |                     |   |  | b.       | N/A  |  | -            |
| a,    | Raised Wood, Stern Wall          | R=                  | 19.0, 1508.0ft <sup>2</sup>             | make i   |          |  |  |              |
| b.    | N/A                              |                     |   |  | c.       | N/A  |  | -            |
| Ċ.    | N/A                              |                     |   |  |          |  |  |              |
| 9.    | Wall types                       |                     |   | *****  | 14.      | Hot water systems  |  |              |
| a.    | Frame, Wood, Exterior            | R=                  | 13.0, 1344.0 ft <sup>2</sup>            | -  | a.       | Electric Resistance  | Cap: 40.0 gallons  |              |
| b.    | N/A                              |                     |   | ******   |          |  | EF: 0.97   | -            |
| c.    | N/A                              |                     |   |  | b.       | N/A  |  | -            |
| d.    | N/A                              |                     |   | - made   |          |  |  | -            |
|       | N/A                              |                     |   | Telephone .  | C.       | Conservation credits   |  | -            |
|       | Ceiling types                    |                     |   | -  |          | (HR-Heat recovery, Solar   |  |              |
|       | Under Attic                      | R=.                 | 30.0, 1508.0 ft <sup>2</sup>            |  |          | DHP-Dedicated heat pump)   | 4  |              |
|       | N/A                              |                     |   |  | 15.      | HVAC credits   | 4-11   | and the same |
|       | .N/A                             |                     |   |  |          | (CF-Ceiling fan, CV-Cross ventilation,   | WINV C   |              |
|       | Ducts                            |                     |   | indicina.  |          | HF-Whole house fan,  | (Bylance   | 1            |
|       | Sup: Unc. Ret: Unc. AH: Outdoors | Sup.                | R=6.0, 150.0 ft                         | -  |          | PT-Programmable Thermostat,  | 1 Khi)   | 5            |
| b.    | N/A                              |                     |   |  |          | MZ-C-Multizone cooling,  | 10   | 3            |
|       |                                  |                     |   |  |          | MZ-H-Multizone heating)  | 1  |              |
|       |                                  |                     |   | -  |          |  | 7/   |              |
|       |                                  |                     |   | and the latest terminal to the latest terminal t |          |  | (,   |              |
| Lce   | rtify that this home has complie | d with the F        | Iorida Energy                           | / Effic  | iency    | Code For Building  |  |              |
|       | struction through the above end  |                     |   |  |          | The Control of the Co | TUFST  |              |
|       | his home before final inspection |                     |   |  |          |  | OF THE PARTY OF TH | B            |
|       | ed on installed Code compliant   |                     | , a new Li Li                           | Jispia   | y Car    | d will be completed  |  | A.           |
|       | 1.75                             |                     |   |  |          |  | I S I MAN S S S S S S S S S S S S S S S S S S S  | 12           |
| Bui   | lder Signature:                  |                     |   | Date   | :        |  |  | 5            |
| STATE |                                  |                     | *************************************** |  | -        |  | 1. 一种  |              |
|       |                                  |                     |   | 1976 101   | outlings | •  | A TO THE A   | A            |
| Add   | lress of New Home:               |                     |   | City   | FL Z     | ip:  | COD WE TRUM  |              |
|       |                                  |                     |   |  |          |  |  |              |

\*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.

EnergyGauge® (Version: FLRCSB v3.4)

EnergyGauge®:

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Perform

| Project Name: FP<br>Address:   | -104           | AALIOIG BUIL   | ding Performance Method  | 4   |
|--|----------------|--|--|---|
| City, State:   | ECISION HOIMES |  | Builder:<br>Permitting Office:<br>Permit Number:<br>Jurisdiction Number:   |   |
| 1. New construction or exis 2. Single family or multi-fat 3. Number of units, if multi- 4. Number of Bedrooms 5. Is this a worst case? 6. Conditioned floor area (ff <sup>2</sup> 7. Glass area & type a. Clear glass, default U-fact b. Default tint, default U-fact c. Labeled U-factor or SHGC 8. Floor types a. Raised Wood, Stem Wall b. N/A c. N/A 9. Wall-types a. Frame, Wood, Exterior b. N/A c. N/A d. N/A d. N/A e. N/A 10. Ceiling types a. Under Attic b. N/A c. N/A 11. Ducts a. Sup: Unc. Ret: Unc. AII: Out b. N/A | R=30.0,        | New Single family 1 3 No 1508 ft <sup>2</sup> Double Pane 0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup> 176.2 ft <sup>2</sup> .0, 1508.0 ft <sup>2</sup> 1508.0 ft <sup>2</sup> 1508.0 ft <sup>2</sup> | 12. Cooling systems a. Central Unit b. N/A c. N/A  13. Heating systems a. Electric Heat Pump b. N/A c. N/A  14. Hot water systems a. Electric Resistance b. N/A  c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, | Cap: 32.0 kBtu/hr SEER: 12.00  Cap: 34.1 kBtu/hr HSPF: 6.80  Cap: 40.0 gallons EF: 0.97 |

Glass/Floor Area: 0.12

Total as-built points: 23730 Total base points: 25747

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida

PREPARED BY: DATE: 1. 72.05

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: See Contract

SEE MANUFACTURERS G WITH FLORIDA DICA

DATE: EnergyGauge® (Version: FLRCSB v3.4)

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 with Section 553.908 Florida Statutes.

BUILDING OFFICIAL

MZ-H-Multizone heating)

JAMES A LYONS

Approved By

Modular Building Plans Examiner Florida License No. SMP-12

# Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

|  | BASE                  |  |                  | 571000000000000000000000000000000000000  |  | AS   | -BUI                    | LT   |   |                      |  |           |
|--|-----------------------|--|------------------|--|--|--|-------------------------|--|---|----------------------|--|-----------|
| GLASS TYPES<br>.18 X Condition<br>Floor An |                       | WPM = I  | Points           | Type/SC  |  | erhang<br>Len  |                         | Area X   | W   | РМ Х                 | Wo                                     | = = Point |
| .18 1508.                                  | 0                     | 2.36   | 640.6            | Double,U=0.48,Clear  | N  | 1.0  | 10.0                    | 78.6   |   | .47                  | 1.00                                   | 193.6     |
| B 2  |                       |  |                  | Double,U=0.48,Clear  | E  | 1.0  | 10.0                    | 24.4   |   | .43                  | 1.01                                   | 35.1      |
| 2  |                       |  |                  | Double,U=0.48,Clear  | S  | 1.0  | 10.0                    | 73.2   |   | .27                  | 1.00                                   | 92.2      |
|  |                       |  |                  | Single,U=0.48,Clear  | W  | 1.0  | 10.0                    | 12.2   | 1   | .98                  | 1.00                                   | 24.2      |
|  | and the second second |  |                  | As-Built Total:  |  |  | NAMED REPORT OF COLUMN  | 188.4  |   |                      |  | 345.1     |
| WALL TYPES                                 | Area X                | BWPM   | = Points         | Туре   |  | R  | -Value                  | Area   | X   | WP                   | M =                                    | Points    |
| Adjacent                                   | 0.0                   | 0.00   | 0.0              | Frame, Wood, Exterior  | ALTERNATION OF THE PARTY OF THE | ACCOUNT OF THE PARTY.  | 13.0                    | 1344.0   |   | 0.60                 | )                                      | 806.4     |
| Exterior                                   | 1344.0                | 0.60   | 806.4            |  |  |  |                         |  |   |                      |  |           |
| Base Total:                                | 1344.0                |  | 806.4            | As-Built Total:  |  | 00.000 |                         | 1344.0   |   |                      |  | 806.4     |
| DOOR TYPES                                 | Area X                | BWPM   | = Points         | Туре   |  | STONE STATE OF   |                         | Area   | Х   | WP                   | M =                                    | Points    |
| Adjacent                                   | 0.0                   | 0.00   | 0.0              | Exterior Insulated   |  |  | THE REAL PROPERTY.      | 38.4   | NOWMAND   | 1.80                 | 00000000000000000000000000000000000000 | 69.1      |
| Exterior                                   | 38.4                  | 1.80   | 69.1             |  |  |  |                         | aranag.  |   | 70.000.00            |  |           |
| Base Total:                                | 38,4                  |  | 69.1             | As-Built Total:  |  |  |                         | 38,4   |   |                      |  | 69.1      |
| CEILING TYPES                              | Area X                | BWPM   | = Points         | Туре   | R  | -Value   | e Ar                    | ea X W   | PN  | XW                   | CM =                                   | Points    |
| Under Attic                                | 1508.0                | 0.10   | 150.8            | Under Attic  |  |  | 30.0                    | 1508.0   | 0.10  | X 1.00               |  | 150.8     |
| Base Total:                                | 1508.0                |  | 150.8            | As-Built Total:  |  |  |                         | 1508.0   |   |                      |  | 150.8     |
| FLOOR TYPES                                | Area X                | BWPM   | = Points         | Туре   |  | R  | -Value                  | Area   | X   | WP                   | VI =                                   | Points    |
| Slab                                       | 0.0(p)                | 0.0  | 0.0              | Raised Wood, Stem Wall   |  |  | 40.0                    | TO STATE OF THE PARTY OF THE PA | seinet is   | and a second         | MINISTERNA                             |           |
| Raised                                     | 1508.0                | -0.28  | -422.2           | riaised wood, stem wall  |  |  | 19.0                    | 1508.0   |   | -0.10                |  | -150.8    |
|  |                       | 4.20   | of America white | MODEL WITH THE PERSON AND THE PERSON |  |  |                         |  |   |                      |  |           |
| Base Total:                                |                       | ATA-THE CONTROL OF THE CONTROL OF TH | -422.2           | As-Built Total:  |  | olektron   | a to comment to contrar | 1508.0   | THE RESERVE TO SERVE THE PARTY OF THE PARTY | at the second second |  | -150.8    |
| INFILTRATION                               | Area X                | BWPM   | = Points         |  |  |  |                         | Area   | X   | WPI                  | V1 =                                   | Points    |
|  | 1508.0                | -0.06  | -90.5            |  | A STATE OF THE STA |  |                         | 1508.  | O   | -0.0                 | e<br>G                                 | -90.5     |

EnergyGauge® DCA Form 600A-2001

EnergyGauge®/FlaRES'2001 FLRCSB v3.4

2-1-0x

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

|                          | BASE                   |                   | AS-BUILT   |                       |
|--------------------------|------------------------|-------------------|--|-----------------------|
| Winter Base              | Points:                | 1154.2            | Winter As-Built Points:  | 1130.1                |
| Total Winter )<br>Points | System =<br>Multiplier | Heating<br>Points | Total X Cap X Duct X System X Credit Component Ratio Multiplier Multiplier Multiplie  (DM x DSM x AHU) | _                     |
| 1154.2                   | 0.6274                 | 724.1             | 1130.1 1.000 (1.099 x 1.137 x 1.08) 0.501 1.000 1130.1 1.00 1.350 0.501 1.000                          | 764.8<br><b>764.8</b> |

EnergyGauge™ DCA Form 600A-2001

EnergyGauge®/FlaRES'2001 FLRCSB v3.4

# WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

|                       | В   | ASE        |             |        |                |      |                       | A      | S-BUII          | LT         |               |    |                 |
|-----------------------|---|------------|-------------|--------|----------------|------|-----------------------|--------|-----------------|------------|---------------|----|-----------------|
| WATER HEA             | AND DESCRIPTION OF THE PERSON NAMED IN COLUMN 1 |            | and the let |        |                |      |                       | A HAVE |                 |            |               |    | li Saramas dam. |
| Number of<br>Bedrooms | Х   | Multiplier | =           | Total  | Tank<br>Volume | EF   | Number of<br>Bedrooms | X      | Tank X<br>Ratio | Multiplier | X Cre<br>Mult |    | Total           |
| 3                     |   | 2369.00    | **********  | 7107.0 | 40.0           | 0.97 | 3                     |        | 1.00            | 2149.20    | 1.0           | 00 | 6447.6          |
|                       |   |            |             |        | As-Built To    | tal: |                       |        |                 |            |               |    | 6447.6          |

|   |                    |                   |   | CODE                | C                  | OMPLI           | ANCE              | ST                | TATUS                                   |    |                     |                |                   |
|---|--------------------|-------------------|---|---------------------|--------------------|-----------------|-------------------|-------------------|---|----|---------------------|----------------|-------------------|
| A MARIE A STREET, CONTRACTOR OF THE STREET, | nd, and arrival at | BAS               | E |                     | MATERIAL PROPERTY. |                 |                   | Anna Anna Ballane | AND | AS | -BUILT              | ecesar vesters | APEAN DE STANDARD |
| Cooling<br>Points   | +                  | Heating<br>Points | + | Hot Water<br>Points | =                  | Total<br>Points | Cooling<br>Points | +                 | Heating<br>Points                       | +  | Hot Water<br>Points |                | Total<br>Points   |
| 17916   |                    | 724               |   | 7107                | u transita di mana | 25747           | 16518             |                   | 765                                     |    | 6448                |                | 23730             |

**PASS** 



EnergyGauge™ DCA Form 600A-2001

EnergyGauge®/FlaRES'2001 FLRCSB v3.4

NASIMA Z-1-05

# **Code Compliance Checklist**

# Residential Whole Building Performance Method A - Details

ADDRESS: ,,, PERMIT #:

#### 6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

| COMPONENTS                    | SECTION         | REQUIREMENTS FOR EACH PRACTICE   | CHECK |
|-------------------------------|-----------------|--|-------|
| Exterior Windows & Doors      | 606.1.ABC.1.1   | Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.  |       |
| Exterior & Adjacent Walls     | 606.1.ABC.1.2.1 | Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate. |       |
| Floors                        | 606,1,ABC,1,2,2 | Penetrations/openings >1/8" sealed unless backed by truss or joint members.  EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.   |       |
| Cellings                      | 606.1.ABC.1.2.3 | Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.   |       |
| Recessed Lighting Fixtures    | 606.1.ABC.1.2.4 | Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.  |       |
| Multi-story Houses            | 606.1.ABC.1.2.5 | Air barrier on perimeter of floor cavity between floors.   | 1     |
| Additional Infiltration reqts | 606.1.ABC.1.3   | Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.  |       |

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

| COMPONENTS               | SECTION      | REQUIREMENTS   | CHECK |
|--------------------------|--------------|--|-------|
| Water Heaters            | 612.1        | Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.  |       |
| Swimming Pools & Spas    | 612.1        | Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.   |       |
| Shower heads             | 612.1        | Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.   | 1     |
| Air Distribution Systems | 610.1        | All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation. |       |
| HVAC Controls            | 607.1        | Separate readily accessible manual or automatic thermostat for each system.  |       |
| Insulation               | 604.1, 602.1 | Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides.  Common ceiling & floors R-11.  |       |

EnergyGauge™ DCA Form 600A-2001

EnergyGauge®/FlaRES'2001 FLRCSB v3.4

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

### ESTIMATED ENERGY PERFORMANCE SCORE\* = 84.9

The higher the score, the more efficient the home.

| P | RE | CISI | ON | HOI | ME | S. | - |
|---|----|------|----|-----|----|----|---|
|   |    |      |    |     |    |    |   |

|     | <ol> <li>New construction or existing</li> </ol>   | New  | 12.           | Cooling systems                          |                   |
|-----|--|--|---------------|--|-------------------|
| 2   | <ol><li>Single family or multi-family</li></ol>  | Single family                              |               | . Central Unit                           | Cap: 32.0 kBtu/   |
| 3   | 3. Number of units, if multi-family  | 1  |               | et 1707 (5000)                           | SEER: 12.0        |
| - 4 |  | 3  | - t           | . N/A                                    | SEEK. 12.0        |
| 5   | 5. Is this a worst case?   | No   |               | 0.000                                    |                   |
| 6   | <ol> <li>Conditioned floor area (ft²)</li> </ol>   | 1508 ft²                                   |               | . N/A                                    |                   |
| 7   | 7. Glass area & type   | Single Pane Double Pane                    | -             |  |                   |
|     | a. Clear glass, default U-factor   | 0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>    |               | Heating systems                          |                   |
|     | b. Default tint, default U-factor  | 0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>    |               | . Electric Heat Pump                     | Cap: 34.1 kBtu/hr |
|     | c. Labeled U-factor or SHGC  | 12.2 ft <sup>2</sup> 176.2 ft <sup>2</sup> |               | . Dietar and a diagr                     | HSPF: 6.80        |
| 8   | 3. Floor types   | 110.21                                     | h             | . N/A                                    | HSFF: 0.80        |
|     | a. Raised Wood, Stem Wall  | R=19.0, 1508.0ft2                          |               | * *****                                  |                   |
|     | b. N/A   |  |               | . N/A                                    |                   |
|     | c. N/A   |  |               | . 11/2                                   | 100               |
| 9   | . Wall types   |  | 14            | Hot water systems                        | 1                 |
|     | a. Frame, Wood, Exterior   | R=13.0, 1344.0 ft <sup>2</sup>             |               | Electric Resistance                      | C 40.0 II         |
|     | b. N/A   |  | tmap.         | . Escente Resistance                     | Cap: 40.0 gallons |
|     | c. N/A   |  | h             | . N/A                                    | EF: 0.97          |
|     | d. N/A   |  | U             | . IVA                                    | -                 |
|     | e. N/A   |  | wine a        | Conservation credits                     | -                 |
| 10  | Ceiling types  |  |               | (HR-Heat recovery, Solar                 | _                 |
|     | a. Under Attic   | R=30.0, 1508.0 ft <sup>2</sup>             | -             |  |                   |
|     | b. N/A   | K 50.0, 1500.0 It                          | -             | DHP-Dedicated heat pump)<br>HVAC credits |                   |
|     | c. N/A   |  |               |  |                   |
| 1   | I. Ducts   |  |               | (CF-Ceiling fan, CV-Cross ventilation    | 1,                |
|     | a. Sup: Unc. Ret: Unc. AH: Outdoors  | Sup. R=6.0, 150.0 ft                       | -             | HF-Whole house fan,                      | NA (ITT)          |
|     | b. N/A   | 5up. R-6.0, 150.0 II                       | mand          | PT-Programmable Thermostat,              | 1 1 1 9 MY        |
|     | V. 100   |  | whereas .     | MZ-C-Multizone cooling,                  |                   |
|     |  |  |               | MZ-H-Multizone heating)                  |                   |
|     |  |  | Prince.       |  | 2-1-05            |
|     |  |  | *****         |  | 1-1-03            |
| 1   | certify that this home has complied  | with the Florida Energy                    | v Efficience  | Code For Building                        | 0                 |
| C   | Construction through the above ene   | rov savina features which                  | h will be in  | code For Building                        |                   |
| in  | this home before final inspection  | Othorning causes will                      | n will be ill | statted (or exceeded)                    | OF THE STATE      |
| b   | n this home before final inspection.<br>ased on installed Code compliant f   | Outerwise, a new EPL I                     | Display Car   | d will be completed                      | 137               |
| De  | ased on instance Code compliant i  | eatures.                                   |               |  | 12 11 15          |
| В   | uilder Signature:  |  | Date:         |  |                   |
|     | and the delitation of the state |  | L'att.        |  | 10 3              |
|     | 11   |  |               |  |                   |
| A   | ddress of New Home:  |  | City/FL Z     | ip:                                      | CODY              |
|     |  |  |               |  | WE I              |
|     |  |  |               |  |                   |

\*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar<sup>TM</sup>designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.

EnergyGauge® (Version: FLRCSB v3.4)

# Columbia County Building Department Culvert Permit

# Culvert Permit No. 000000695

| DATE 06/     | 15/2005  | PARCEL ID #  | 03-4S-16-02372-551  |  |                  |
|--------------|--|--|---|--|------------------|
| APPLICANT    | CINDY SMITH  |  | PHONE   | 752.5355   |                  |
| ADDRESS      | 120 SW NATAN COU   | RT   | LAKE CITY   |  | FL 32024         |
| OWNER FI     | REEDOM MOBILE HOME   | SALS,INC.  | PHONE   | 752.5355   |                  |
| ADDRESS _1   | 120 SW NATHAN COU  | RT   | LAKE CITY   | - 105<br>  | FL 32024         |
| CONTRACTO    | OR WILLIAM HARPER  | 14   | PHONE   | 752.2571   | 1.8              |
| LOCATION O   | OF PROPERTY 90-W   | TO C-252-B,TL GO 1   | O DEER CREEK S/D, TO  | WHITETAIL CR   | T, TR FOLLOW     |
| AROUND TO NA | ATHAN CRT, TR FIRST LO   | T ON R.  | 34  |  |                  |
|              | 1.   |  |   |  |                  |
| SUBDIVISION  | V/LOT/BLOCK/PHASE  | /UNIT DEER CREE  | EK  | 51   | III              |
| SIGNATURE    | INSTALLATION NO a) a majority of the b) the driveway to b Turnouts shall be concrete or paved current and existi | 8 inches in diame ends will be mite rete slab.  OTE: Turnouts wi current and existing the served will be produced or concrete or paved driveway, which and paved or concrete o | eter with a total lenght of cred 4 foot with a 4:1 stall be required as following driveway turnouts at paved or formed with cold a minimum of 12 feet ever is greater. The wide reted turnouts. | s: re paved, or; oncrete. wide or the w th shall confo | ed with a 4 inch |

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED DURING THE INSTALATION OF THE CULVERT.

135 NE Hernando Ave., Suite B-21 Lake City, FL 32055

Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00



Record and Return to:
Preedom Mobile Home Sales, Inc,
166 SW Deputy J. Davis Lane
Lake City, Florida 32024

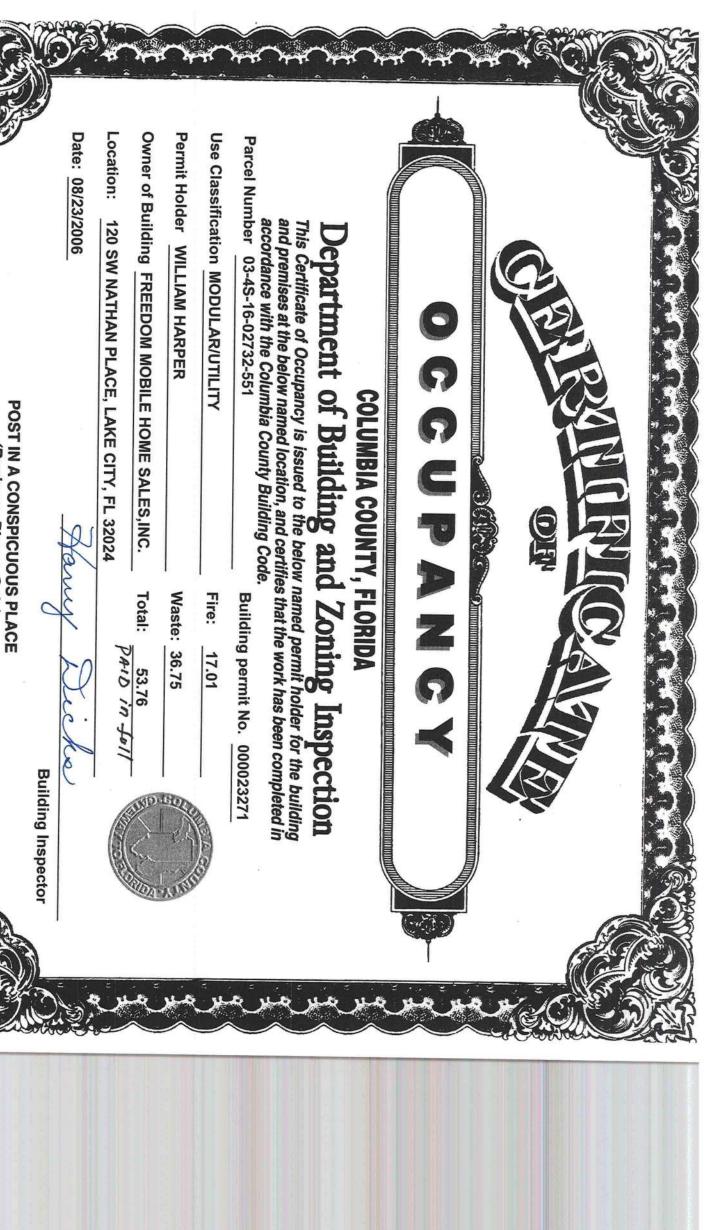
NOTICE OF COMMENCEMENT FORM COLUMBIA COUNTY, FLORIDA

# \*\*\*THIS DOCUMENT MUST BE RECORDED AT THE COUNTY CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.\*\*\*

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 03-04S-16-02732-551

| 1.         | Description of property: (legal description of the property and street address or 911 address) 120 SW Nathan Court, Lake City, Florida 32024          |
|------------|---|
|            | 120 SW Nathan Court, Lake City, Florida 32024  Lot 51 Deer Creek Subdivision Phase, III, Columbia County, Florida                                     |
|            | - mx  |
|            |   |
|            |   |
| 2.         | General description of improvement: Modular Home  |
| 3.         | Owner Name & Address Freedom Mobile Home Sales, Inc. 466 SW Deputy J Day  |
| пат.       | Interest in Property Fee Simple   |
| 4. 1       | Name & Address of Fee Simple Owner (if other than owner):   |
| 5. (       | Contractor Name William L. Harper Phone Number 386-752-2571   |
| . 9        | Address 119 SW Hobby Place, Lake City, Florida 32024  |
| 6. 5       | Surety Holders Name N/A Phone Number  |
| 3          | Address Amount of Road  |
|            | Amount of Bond  |
| 7. L       | Lender Name First Federal Savings Bank Phone Number (368) 755-0600  |
| A          | Address P.O. Box 2020, Lake City, Florida 32056   |
| A          | Name N/A  Inst; 2005014153 Date: 06/16/2005 Time: 12: 57  Address  In addition to himself/herself the owner designat                                  |
| -          | to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -  (a) 7. Phone Number of the designee                                     |
| 10. E      | 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) |
| IOTI       | ICE AC DED QUARTED DAY TO   |
| he c       | ICE AS PER CHAPTER 713, Florida Statutes: owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.       |
| re         | edom Mobile Home Sales, Inc  Sworn to (or affirmed) and subscribed before  day of June  |
| $\searrow$ | Signature of Owner Stamp/SEAL   |
|            | Steven L. Smith   |
| i i        |   |



(Business Places Only)