

11/332

999/1000  
24216

**Columbia County Building Permit Application**

|                                                      |                               |                             |                                       |                      |
|------------------------------------------------------|-------------------------------|-----------------------------|---------------------------------------|----------------------|
| For Office Use Only                                  | Application # <u>060254</u>   | Date Received <u>2/16</u>   | By <u>JW</u>                          | Permit# <u>24216</u> |
| Application Approved By - Zoning Official <u>SLK</u> | Date <u>08-02-06</u>          | Plans Examiner <u>OK SM</u> | Date <u>3-9-06</u>                    |                      |
| Flood Zone <u>X</u>                                  | Development Permit <u>N/A</u> | Zoning <u>A-3</u>           | Land use Plan map Category <u>A-3</u> |                      |
| Comments <u>See SITE PLAN ON PLAN</u>                |                               |                             |                                       |                      |

Applicants Name Donnie Dupree J.L. DuPree Construction Services Phone FAX 754-5431  
386-754-5678  
Address P.O. Box 2861 Lake City Florida 32056  
Owners Name Deborah Wright Phone \_\_\_\_\_  
911 Address 277 S.W. Salliewood Court Fort White, Florida 32038  
Contractors Name J.L. DuPree Construction Services Phone 386-754-5678  
Address P.O. Box 2861 Lake City Florida 32056  
Fee Simple Owner Name & Address \_\_\_\_\_  
Bonding Co. Name & Address \_\_\_\_\_  
Architect/Engineer Name & Address FREEMAN DESIGN GROUP  
Mortgage Lenders Name & Address \_\_\_\_\_  
Property ID Number 15-7S-16-04226-150 Estimated Cost of Construction \$165,900.00  
Subdivision Name Shilo Ridge Unrec Lot 50 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
Driving Directions County road 47 South, TL on state road 27, TR on Fry road, Two miles TR on  
Cumberland, TR on Salliewood Court (second right), second lot on right

Type of Construction New Construction Number of existing dwellings on property 0  
Total Acreage 10 Lot Size \_\_\_\_\_ Do You need A Culvert Permit or Culvert Waiver or Have an existing Drive  
Actual Distance of structure from property lines - Front 150' Side 40' Side 160' Rear 130' 368  
Total Building Height 26' Number of stories 2 Heated floor area 1633 roof pitch 6 12 Porch 264 TOTAL 1897

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

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

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

Owner Builder or Agent (including Contractor)

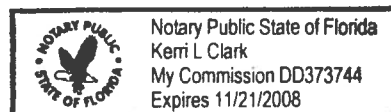
J. L. DuPree  
Contractor Signature  
Contractors License Number C&C 060631  
Competency Card Number \_\_\_\_\_

STATE OF FLORIDA  
COUNTY OF COLUMBIA

NOTARY STAMP/ SEAL

Sworn to (or affirmed) and subscribed before me  
This 16th day of Feb 2006  
Personally known \_\_\_\_\_ or Produced Identification \_\_\_\_\_

Kerri L. Clark  
Notary Signature



# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A

|                                                                                                                                  |                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Project Name:</b> Wright, Debra<br><b>Address:</b><br><b>City, State:</b> , FL<br><b>Owner:</b><br><b>Climate Zone:</b> North | <b>Builder:</b> JL DuPre Construction<br><b>Permitting Office:</b> Columbia<br><b>Permit Number:</b> 24214<br><b>Jurisdiction Number:</b> 221008 |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <ol style="list-style-type: none"> <li>1. New construction or existing <span style="float: right;">New <input type="checkbox"/></span></li> <li>2. Single family or multi-family <span style="float: right;">Single family <input type="checkbox"/></span></li> <li>3. Number of units, if multi-family <span style="float: right;">1 <input type="checkbox"/></span></li> <li>4. Number of Bedrooms <span style="float: right;">2 <input type="checkbox"/></span></li> <li>5. Is this a worst case? <span style="float: right;">No <input type="checkbox"/></span></li> <li>6. Conditioned floor area (ft<sup>2</sup>) <span style="float: right;">1630 ft<sup>2</sup></span></li> <li>7. Glass area &amp; type <span style="float: right;">Single Pane Double Pane <input type="checkbox"/></span> <ol style="list-style-type: none"> <li>a. Clear glass, default U-factor <span style="float: right;">0.0 ft<sup>2</sup> 189.0 ft<sup>2</sup> <input type="checkbox"/></span></li> <li>b. Default tint <span style="float: right;">0.0 ft<sup>2</sup> 0.0 ft<sup>2</sup> <input type="checkbox"/></span></li> <li>c. Labeled U or SHGC <span style="float: right;">0.0 ft<sup>2</sup> 0.0 ft<sup>2</sup> <input type="checkbox"/></span></li> </ol> </li> <li>8. Floor types <span style="float: right;"><input type="checkbox"/></span> <ol style="list-style-type: none"> <li>a. Slab-On-Grade Edge Insulation <span style="float: right;">R=0.0, 154.7(p) ft <input type="checkbox"/></span></li> <li>b. Raised Wood, Stem Wall <span style="float: right;">ft<sup>2</sup> <input type="checkbox"/></span></li> <li>c. N/A <span style="float: right;"><input type="checkbox"/></span></li> </ol> </li> <li>9. Wall types <span style="float: right;"><input type="checkbox"/></span> <ol style="list-style-type: none"> <li>a. Frame, Wood, Exterior <span style="float: right;">R=13.0, 1990.0 ft<sup>2</sup> <input type="checkbox"/></span></li> <li>b. N/A <span style="float: right;"><input type="checkbox"/></span></li> <li>c. N/A <span style="float: right;"><input type="checkbox"/></span></li> <li>d. N/A <span style="float: right;"><input type="checkbox"/></span></li> <li>e. N/A <span style="float: right;"><input type="checkbox"/></span></li> </ol> </li> <li>10. Ceiling types <span style="float: right;"><input type="checkbox"/></span> <ol style="list-style-type: none"> <li>a. Under Attic <span style="float: right;">R=30.0, 1384.7 ft<sup>2</sup> <input type="checkbox"/></span></li> <li>b. N/A <span style="float: right;"><input type="checkbox"/></span></li> <li>c. N/A <span style="float: right;"><input type="checkbox"/></span></li> </ol> </li> <li>11. Ducts <span style="float: right;"><input type="checkbox"/></span> <ol style="list-style-type: none"> <li>a. Sup: Unc. Ret: Unc. AH: Interior <span style="float: right;">Sup. R=6.0, 86.0 ft <input type="checkbox"/></span></li> <li>b. N/A <span style="float: right;"><input type="checkbox"/></span></li> </ol> </li> </ol> | <ol style="list-style-type: none"> <li>12. Cooling systems <span style="float: right;"><input type="checkbox"/></span> <ol style="list-style-type: none"> <li>a. Central Unit <span style="float: right;">Cap: 39.1 kBtu/hr <input type="checkbox"/><br/>SEER: 12.00 <input type="checkbox"/></span></li> <li>b. N/A <span style="float: right;"><input type="checkbox"/></span></li> <li>c. N/A <span style="float: right;"><input type="checkbox"/></span></li> </ol> </li> <li>13. Heating systems <span style="float: right;"><input type="checkbox"/></span> <ol style="list-style-type: none"> <li>a. Electric Heat Pump <span style="float: right;">Cap: 39.1 kBtu/hr <input type="checkbox"/><br/>HSPF: 7.80 <input type="checkbox"/></span></li> <li>b. N/A <span style="float: right;"><input type="checkbox"/></span></li> <li>c. N/A <span style="float: right;"><input type="checkbox"/></span></li> </ol> </li> <li>14. Hot water systems <span style="float: right;"><input type="checkbox"/></span> <ol style="list-style-type: none"> <li>a. Electric Resistance <span style="float: right;">Cap: 40.0 gallons <input type="checkbox"/><br/>EF: 0.89 <input type="checkbox"/></span></li> <li>b. N/A <span style="float: right;"><input type="checkbox"/></span></li> <li>c. Conservation credits <span style="float: right;"><input type="checkbox"/></span> <p>(HR-Heat recovery, Solar<br/>DHP-Dedicated heat pump)</p> </li> </ol> </li> <li>15. HVAC credits <span style="float: right;"><input type="checkbox"/></span> <p>(CF-Ceiling fan, CV-Cross ventilation,<br/>HF-Whole house fan,<br/>PT-Programmable Thermostat,<br/>MZ-C-Multizone cooling,<br/>MZ-H-Multizone heating)</p> </li> </ol> |
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Glass/Floor Area: 0.12

Total as-built points: 20337

Total base points: 24080

## PASS

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

**PREPARED BY:** Glenn Jones Jr.

**DATE:** \_\_\_\_\_

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

**OWNER/AGENT:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

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:** \_\_\_\_\_

**DATE:** \_\_\_\_\_



# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

| BASE                                            |          |        |         | AS-BUILT                      |                         |      |        |                           |             |         |         |
|-------------------------------------------------|----------|--------|---------|-------------------------------|-------------------------|------|--------|---------------------------|-------------|---------|---------|
| GLASS TYPES                                     |          |        |         |                               |                         |      |        |                           |             |         |         |
| .18 X Conditioned X BSPM = Points<br>Floor Area |          |        |         | Type/SC                       | Overhang<br>Omt Len Hgt |      |        | Area X SPM X SOF = Points |             |         |         |
| .18                                             | 1630.0   | 20.04  | 6879.7  | Double, Clear                 | SW                      | 2.0  | 6.0    | 15.0                      | 40.16       | 0.81    | 486.8   |
|                                                 |          |        |         | Double, Clear                 | SE                      | 2.0  | 3.0    | 12.0                      | 42.75       | 0.58    | 299.3   |
|                                                 |          |        |         | Double, Clear                 | NW                      | 12.0 | 6.0    | 30.0                      | 25.97       | 0.54    | 424.5   |
|                                                 |          |        |         | Double, Clear                 | SW                      | 2.0  | 4.0    | 12.0                      | 40.16       | 0.67    | 324.1   |
|                                                 |          |        |         | Double, Clear                 | SE                      | 2.0  | 8.0    | 42.0                      | 42.75       | 0.88    | 1586.2  |
|                                                 |          |        |         | Double, Clear                 | SE                      | 2.0  | 6.0    | 8.0                       | 42.75       | 0.74    | 254.8   |
|                                                 |          |        |         | Double, Clear                 | NE                      | 2.0  | 6.0    | 70.0                      | 29.56       | 0.87    | 1790.9  |
|                                                 |          |        |         | As-Built Total:               |                         |      | 169.0  |                           |             | 5166.6  |         |
| WALL TYPES Area X BSPM = Points                 |          |        |         | Type                          | R-Value                 |      |        | Area X SPM = Points       |             |         |         |
| Adjacent                                        | 0.0      | 0.00   | 0.0     | Frame, Wood, Exterior         | 13.0                    |      |        | 1990.0                    | 1.50        |         | 2985.0  |
| Exterior                                        | 1990.0   | 1.70   | 3383.0  |                               |                         |      |        |                           |             |         |         |
| Base Total:                                     |          | 1990.0 | 3383.0  | As-Built Total:               |                         |      | 1990.0 |                           |             | 2985.0  |         |
| DOOR TYPES Area X BSPM = Points                 |          |        |         | Type                          | Area X SPM = Points     |      |        |                           |             |         |         |
| Adjacent                                        | 0.0      | 0.00   | 0.0     | Exterior Wood                 |                         |      |        | 21.0                      | 6.10        |         | 128.1   |
| Exterior                                        | 21.0     | 6.10   | 128.1   |                               |                         |      |        |                           |             |         |         |
| Base Total:                                     |          | 21.0   | 128.1   | As-Built Total:               |                         |      | 21.0   |                           |             | 128.1   |         |
| CEILING TYPES Area X BSPM = Points              |          |        |         | Type                          | R-Value                 |      |        | Area X SPM X SCM = Points |             |         |         |
| Under Attic                                     | 1384.7   | 1.73   | 2395.5  | Under Attic                   | 30.0                    |      |        | 1384.7                    | 1.73 X 1.00 |         | 2395.5  |
| Base Total:                                     |          | 1384.7 | 2395.5  | As-Built Total:               |                         |      | 1384.7 |                           |             | 2395.5  |         |
| FLOOR TYPES Area X BSPM = Points                |          |        |         | Type                          | R-Value                 |      |        | Area X SPM = Points       |             |         |         |
| Slab                                            | 154.7(p) | -37.0  | -5723.9 | Slab-On-Grade Edge Insulation | 0.0                     |      |        | 154.7(p)                  | -41.20      |         | -6373.6 |
| Raised                                          | 242.0    | -3.99  | -965.6  | Raised Wood, Stern Wall       | 0.0                     |      |        | 242.0                     | -4.70       |         | -1137.4 |
| Base Total:                                     |          |        | -6689.5 | As-Built Total:               |                         |      | 396.7  |                           |             | -7511.0 |         |
| INFILTRATION Area X BSPM = Points               |          |        |         | Area X SPM = Points           |                         |      |        |                           |             |         |         |
|                                                 |          | 1630.0 | 10.21   |                               |                         |      |        | 1630.0                    |             | 10.21   |         |
|                                                 |          |        | 16642.3 |                               |                         |      |        |                           |             | 16642.3 |         |

# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , FL

PERMIT #:

| BASE                |   |                   |                  | AS-BUILT                |   |           |                                       |                     |                     |                  |
|---------------------|---|-------------------|------------------|-------------------------|---|-----------|---------------------------------------|---------------------|---------------------|------------------|
| Summer Base Points: |   | 21739.2           |                  | Summer As-Built Points: |   |           | 19806.5                               |                     |                     |                  |
| Total Summer Points | X | System Multiplier | = Cooling Points | Total Component         | X | Cap Ratio | X Duct Multiplier<br>(DM x DSM x AHU) | X System Multiplier | X Credit Multiplier | = Cooling Points |
| 21739.2             |   | 0.4266            | 9273.9           | 19806.5                 |   | 1.000     | (1.090 x 1.147 x 0.91)                | 0.284               | 1.000               | 6409.1           |
|                     |   |                   |                  | 19806.5                 |   | 1.00      | 1.138                                 | 0.284               | 1.000               | 6409.1           |

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

| BASE                                            |          |       |        | AS-BUILT                      |                         |        |                           |             |        |      |        |
|-------------------------------------------------|----------|-------|--------|-------------------------------|-------------------------|--------|---------------------------|-------------|--------|------|--------|
| GLASS TYPES                                     |          |       |        |                               |                         |        |                           |             |        |      |        |
| .18 X Conditioned X BWPM = Points<br>Floor Area |          |       |        | Type/SC                       | Overhang<br>Omt Len Hgt |        | Area X WPM X WOF = Points |             |        |      |        |
| .18                                             | 1630.0   | 12.74 | 3737.9 | Double, Clear                 | SW                      | 2.0    | 6.0                       | 15.0        | 16.74  | 1.11 | 278.9  |
|                                                 |          |       |        | Double, Clear                 | SE                      | 2.0    | 3.0                       | 12.0        | 14.71  | 1.58 | 279.6  |
|                                                 |          |       |        | Double, Clear                 | NW                      | 12.0   | 6.0                       | 30.0        | 24.30  | 1.03 | 753.1  |
|                                                 |          |       |        | Double, Clear                 | SW                      | 2.0    | 4.0                       | 12.0        | 16.74  | 1.24 | 249.5  |
|                                                 |          |       |        | Double, Clear                 | SE                      | 2.0    | 8.0                       | 42.0        | 14.71  | 1.10 | 677.1  |
|                                                 |          |       |        | Double, Clear                 | SE                      | 2.0    | 5.0                       | 8.0         | 14.71  | 1.25 | 147.0  |
|                                                 |          |       |        | Double, Clear                 | NE                      | 2.0    | 8.0                       | 70.0        | 23.57  | 1.01 | 1670.3 |
|                                                 |          |       |        | As-Built Total:               |                         | 189.0  |                           |             | 4055.4 |      |        |
| WALL TYPES Area X BWPM = Points                 |          |       |        | Type                          | R-Value                 |        | Area X WPM = Points       |             |        |      |        |
| Adjacent                                        | 0.0      | 0.00  | 0.0    | Frame, Wood, Exterior         | 13.0                    |        | 1990.0                    | 3.40        |        |      | 6766.0 |
| Exterior                                        | 1990.0   | 3.70  | 7363.0 |                               |                         |        |                           |             |        |      |        |
| Base Total:                                     | 1990.0   |       | 7363.0 | As-Built Total:               |                         |        |                           | 1990.0      | 6766.0 |      |        |
| DOOR TYPES Area X BWPM = Points                 |          |       |        | Type                          | Area X WPM = Points     |        |                           |             |        |      |        |
| Adjacent                                        | 0.0      | 0.00  | 0.0    | Exterior Wood                 | 21.0 12.30 258.3        |        |                           |             |        |      |        |
| Exterior                                        | 21.0     | 12.30 | 258.3  |                               |                         |        |                           |             |        |      |        |
| Base Total:                                     | 21.0     |       | 258.3  | As-Built Total:               |                         | 21.0   |                           | 258.3       |        |      |        |
| CEILING TYPES Area X BWPM = Points              |          |       |        | Type                          | R-Value                 |        | Area X WPM X WCM = Points |             |        |      |        |
| Under Attic                                     | 1384.7   | 2.05  | 2838.6 | Under Attic                   | 30.0                    |        | 1384.7                    | 2.05 X 1.00 | 2838.6 |      |        |
| Base Total:                                     | 1384.7   |       | 2838.6 | As-Built Total:               |                         | 1384.7 | 2838.6                    |             |        |      |        |
| FLOOR TYPES Area X BWPM = Points                |          |       |        | Type                          | R-Value                 |        | Area X WPM = Points       |             |        |      |        |
| Slab                                            | 154.7(p) | 8.9   | 1376.8 | Slab-On-Grade Edge Insulation | 0.0                     |        | 154.7(p)                  | 18.80       | 2908.4 |      |        |
| Raised                                          | 242.0    | 0.96  | 232.3  | Raised Wood, Stem Wall        | 0.0                     |        | 242.0                     | 3.50        | 847.0  |      |        |
| Base Total:                                     |          |       | 1609.1 | As-Built Total:               |                         | 396.7  | 3755.4                    |             |        |      |        |
| INFILTRATION Area X BWPM = Points               |          |       |        | Area X WPM = Points           |                         |        |                           |             |        |      |        |
|                                                 | 1630.0   | -0.59 | -961.7 | 1630.0 -0.59 -961.7           |                         |        |                           |             |        |      |        |

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

| BASE                   |                           |                        | AS-BUILT                |                   |                                             |                           |                           |                        |         |
|------------------------|---------------------------|------------------------|-------------------------|-------------------|---------------------------------------------|---------------------------|---------------------------|------------------------|---------|
| Winter Base Points:    |                           | 14845.3                | Winter As-Built Points: |                   |                                             |                           |                           |                        | 16712.0 |
| Total Winter<br>Points | X<br>System<br>Multiplier | =<br>Heating<br>Points | Total<br>Component      | X<br>Cap<br>Ratio | X<br>Duct<br>Multiplier<br>(DM x DSM x AHU) | X<br>System<br>Multiplier | X<br>Credit<br>Multiplier | =<br>Heating<br>Points |         |
| 14845.3                | 0.6274                    | 9313.9                 | 16712.0                 | 1.000             | (1.089 x 1.169 x 0.93)                      | 0.437                     | 1.000                     | 8491.1                 |         |
|                        |                           |                        | 16712.0                 | 1.00              | 1.162                                       | 0.437                     | 1.000                     | 8491.1                 |         |

# WATER HEATING & CODE COMPLIANCE STATUS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

| BASE          |  |            |        | AS-BUILT        |      |           |   |        |                             |
|---------------|--|------------|--------|-----------------|------|-----------|---|--------|-----------------------------|
| WATER HEATING |  |            |        | Tank            | EF   | Number of | X | Tank X | Multiplier X Credit = Total |
| Number of     |  | Multiplier | =      | Volume          |      | Bedrooms  |   | Ratio  | Multiplier                  |
| Bedrooms      |  |            | Total  |                 |      |           |   |        |                             |
| 2             |  | 2746.00    | 5492.0 | 40.0            | 0.89 | 2         |   | 1.00   | 2718.20                     |
|               |  |            |        |                 |      |           |   |        | 1.00                        |
|               |  |            |        |                 |      |           |   |        | 5436.4                      |
|               |  |            |        | As-Built Total: |      |           |   |        | 5436.4                      |

| CODE COMPLIANCE STATUS |   |         |   |           |          |         |   |         |        |
|------------------------|---|---------|---|-----------|----------|---------|---|---------|--------|
| BASE                   |   |         |   |           | AS-BUILT |         |   |         |        |
| Cooling                | + | Heating | + | Hot Water | =        | Cooling | + | Heating | =      |
| Points                 |   | Points  |   | Points    | Total    | Points  |   | Points  | Total  |
| Points                 |   |         |   |           | Points   |         |   |         | Points |
| 9274                   |   | 9314    |   | 5492      | 24080    | 6409    |   | 8491    | 20337  |
|                        |   |         |   |           |          |         |   |         |        |

PASS



# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

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.<br>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.<br>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.<br>Common ceiling & floors R-11.                                                                                                                                |       |

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

**ESTIMATED ENERGY PERFORMANCE SCORE\* = 86.1**

The higher the score, the more efficient the home.

... FL,

|                                              |                                |                       |                                        |                   |
|----------------------------------------------|--------------------------------|-----------------------|----------------------------------------|-------------------|
| 1. New construction or existing              | New                            | ___                   | 12. Cooling systems                    |                   |
| 2. Single family or multi-family             | Single family                  | ___                   | a. Central Unit                        | Cap: 39.1 kBtu/hr |
| 3. Number of units, if multi-family          | 1                              | ___                   |                                        | SEER: 12.00       |
| 4. Number of Bedrooms                        | 2                              | ___                   | b. N/A                                 | ___               |
| 5. Is this a worst case?                     | No                             | ___                   | c. N/A                                 | ___               |
| 6. Conditioned floor area (ft <sup>2</sup> ) | 1630 ft <sup>2</sup>           | ___                   |                                        | ___               |
| 7. Glass area & type                         | Single Pane                    | Double Pane           |                                        | ___               |
| a. Clear - single pane                       | 0.0 ft <sup>2</sup>            | 189.0 ft <sup>2</sup> | 13. Heating systems                    |                   |
| b. Clear - double pane                       | 0.0 ft <sup>2</sup>            | 0.0 ft <sup>2</sup>   | a. Electric Heat Pump                  | Cap: 39.1 kBtu/hr |
| c. Tint/other SHGC - single pane             | 0.0 ft <sup>2</sup>            | 0.0 ft <sup>2</sup>   |                                        | HSPF: 7.80        |
| d. Tint/other SHGC - double pane             |                                |                       | b. N/A                                 | ___               |
| 8. Floor types                               |                                |                       | c. N/A                                 | ___               |
| a. Slab-On-Grade Edge Insulation             | R=0.0, 154.7(p) ft             | ___                   |                                        | ___               |
| b. Raised Wood, Stem Wall                    | R=0.0, 242.0 ft <sup>2</sup>   | ___                   | 14. Hot water systems                  |                   |
| c. N/A                                       |                                | ___                   | a. Electric Resistance                 | Cap: 40.0 gallons |
| 9. Wall types                                |                                |                       |                                        | EF: 0.89          |
| a. Frame, Wood, Exterior                     | R=13.0, 1990.0 ft <sup>2</sup> | ___                   | b. N/A                                 | ___               |
| b. N/A                                       |                                | ___                   | c. Conservation credits                | ___               |
| c. N/A                                       |                                | ___                   | (HR-Heat recovery, Solar               |                   |
| d. N/A                                       |                                | ___                   | DHP-Dedicated heat pump)               |                   |
| e. N/A                                       |                                | ___                   | 15. HVAC credits                       | ___               |
| 10. Ceiling types                            |                                |                       | (CF-Ceiling fan, CV-Cross ventilation, |                   |
| a. Under Attic                               | R=30.0, 1384.7 ft <sup>2</sup> | ___                   | HF-Whole house fan,                    |                   |
| b. N/A                                       |                                | ___                   | PT-Programmable Thermostat,            |                   |
| c. N/A                                       |                                | ___                   | MZ-C-Multizone cooling,                |                   |
| 11. Ducts                                    |                                |                       | MZ-H-Multizone heating)                |                   |
| a. Sup: Unc. Ret: Unc. AH: Interior          | Sup. R=6.0, 86.0 ft            | ___                   |                                        |                   |
| b. N/A                                       |                                | ___                   |                                        |                   |

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Address of New Home: \_\_\_\_\_

City/FL Zip: \_\_\_\_\_



*\*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](http://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 Energy Gauge Program. Version: FLRCSB v3.30)*

05-0888N

WRIGHT/CR 05-2975



Date \_\_\_\_\_

**CPHU**

**Notes:**

**REVISED**  
9-2-05

## LYNCH WELL DRILLING, INC.

173 SW Tustenuggee Ave

Lake City, FL. 32025

Phone 386-752-6677

Fax 386-752-1477

Building Permit # \_\_\_\_\_ Owner's Name Debra Wright

Well Depth \_\_\_\_\_ Ft. Casing Depth \_\_\_\_\_ Ft. Water Level \_\_\_\_\_ Ft.

Casing Size 4 inch Steel Pump Installation: Deep Well SubmersiblePump Make Red Jacket Pump Model 100FA11-20G8 HP 1System Pressure (PSI) \_\_\_\_\_ On 30 Off 50 Average Pressure 40Pumping System GPM at average pressure and pumping level 20 (GPM)Tank Installation: Bladder /Galvanized Make Challenger  
Model PC244 Size 81Tank Draw-down per cycle at system pressure 25.1 gallons**I HEREBY VERIFY THAT THIS WATER WELL SYSTEM HAS BEEN  
INSTALLED AS PER THE ABOVE INFORMATION.**Linda Newcomb  
Signature2609

License Number

Linda Newcomb

Print Name

2-23-06

Date

SCHEDULE A to WARRANTY DEED  
Sullivan to wright and Stephens

LOT 50, SHILOH RIDGE:

COMMENCE AT THE SOUTHWEST CORNER OF THE NORTHWEST 1/4 OF SECTION 15, TOWNSHIP 7 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN THENCE NORTH 89 DEG. 03 MIN. 48 SEC. EAST ALONG THE SOUTH LINE OF SAID NORTHWEST 1/4, 659.08 FEET; THENCE NORTH 00 DEG. 44 MIN. 30 SEC WEST, 661.69 FEET TO THE SOUTHWEST CORNER OF SAID LOT AND TO THE POINT OF BEGINNING; THENCE CONTINUE NORTH 00 DEG. 44 MIN. 30 SEC. WEST, 661.68 FEET; THENCE NORTH 89 DEG. 01 MIN. 44 SEC. EAST, 658.14 FEET; THENCE SOUTH 00 DEG. 45 MIN. 48 SEC. EAST, 661.93 FEET; THENCE SOUTH 89 DEG. 02 MIN. 46 SEC. WEST, 658.42 FEET TO THE POINT OF BEGINNING. THE WEST 30 FEET OF SAID LANDS BEING SUBJECT TO AN EASEMENT FOR INGRESS AND EGRESS.

TOGETHER WITH AN EASEMENT FOR INGRESS AND EGRESS OVER AND ACROSS THE FOLLOWING DESCRIBED PROPERTY:

60 FOOT ROAD EASEMENT:

A STRIP OF LAND 60 FEET IN WIDTH BEING 30 FEET EACH SIDE OF A CENTERLINE DESCRIBED AS FOLLOWS: COMMENCE AT THE SOUTHEAST CORNER OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4, SECTION 15, TOWNSHIP 6 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN THENCE SOUTH 89 DEG. 03 MIN. 48 SEC. WEST, 20.45 FEET TO THE WEST LINE OF FRY ROAD AND TO THE POINT OF BEGINNING; THENCE CONTINUE SOUTH 89 DEG. 03 MIN. 48 SEC. WEST, 1976.52 FEET TO REFERENCE POINT "A"; THENCE CONTINUE SOUTH 89 DEG. 03 MIN. 48 SEC. WEST, 1317.40 FEET TO REFERENCE POINT "B"; THENCE CONTINUE SOUTH 89 DEG. 03 MIN. 48 SEC. WEST, 659.08 FEET TO THE POINT OF TERMINATION. ALSO BEGIN AT REFERENCE POINT "A" AND RUN THENCE NORTH 00 DEG. 47 MIN. 23 SEC. WEST, 1324.16 FEET; THENCE NORTH 00 DEG. 12 MIN. 04 SEC. EAST, 662.25 FEET; THENCE NORTH 00 DEG. 47 MIN. 23 SEC. WEST, 40.00 FEET TO THE CENTERPOINT OF A CUL-DE-SAC HAVING A RADIUS OF 50 FEET AND TO THE POINT OF TERMINATION. ALSO BEGIN AT REFERENCE POINT "A" AND RUN THENCE SOUTH 00 DEG. 47 MIN. 23 SEC. EAST, 702.12 FEET TO THE CENTERPOINT OF A CUL-DE-SAC HAVING A RADIUS OF 50 FEET AND TO THE POINT OF TERMINATION. ALSO BEGIN AT REFERENCE POINT "B" AND RUN THENCE NORTH 00 DEG. 44 MIN. 30 SEC. WEST, 1323.37 FEET; THENCE NORTH 00 DEG. 30 MIN. 31 SEC. WEST, 701.80 FEET TO THE CENTERPOINT OF A CUL-DE-SAC HAVING A RADIUS OF 50 FEET AND TO THE POINT OF TERMINATION. ALSO BEGIN AT REFERENCE POINT "B" AND RUN THENCE SOUTH 00 DEG. 44 MIN. 30 SEC. EAST, 701.74 FEET TO THE CENTERPOINT OF A CUL-DE-SAC HAVING A RADIUS OF 50 FEET AND TO THE POINT OF TERMINATION.

Inst:20050275/ Date:02/05/2005 Time:10:40

Doc Stamp-Deed : 384.30

DC P.Dewitt Cason, Columbia County B:1073 P:157

384.30  
402.80

WARRANTY DEED

THIS INDENTURE, made this 2 day of FEBRUARY, 2006, between MARK P. SULLIVAN, as Custodian of THOMAS A. SULLIVAN under the Florida Gifts to Minors Act, said Thomas A. Sullivan still being a minor, whose address is 20638 NW 78th Avenue, Alachua, Florida 32615, Grantor, and DEBORAH ANN WRIGHT and ZELL R. STEPHENS, as equal joint tenants with right of survivorship, whose address is 523 NE Cheshire Lane, Lake City, Florida 32055, Grantees,

W I T N E S S E T H:

That Grantor, for and in consideration of the sum of TEN AND NO/100 (\$10.00) DOLLARS, and other good and valuable considerations to Grantor in hand paid by Grantees, the receipt whereof is hereby acknowledged, has granted, bargained and sold to Grantees, and Grantees' heirs, successors and assigns forever, the following described land, situate, and lying in COLUMBIA County, Florida:

SEE SCHEDULE A ATTACHED HERETO  
(Tax parcel no. R04226-150)

SUBJECT TO: Taxes for 2006 and subsequent years; restrictions and easements of record; and easements shown by a plat of the property.

Said Grantor does hereby fully warrant the title to said land and will defend same against lawful claims of all persons whomever.

IN WITNESS WHEREOF, Grantor has hereunto set his hand and seal the day and year first above written.

Signed, sealed and delivered  
in the presence of:

Eddie M. Anderson  
Print Name: Eddie M. Anderson

Julie Calloway  
Print Name: Julie Calloway  
Witnesses as to Grantor

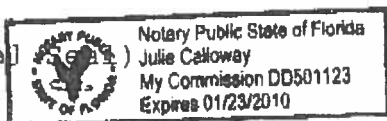
STATE OF FLORIDA  
COUNTY OF COLUMBIA

Mark P. Sullivan  
MARK P. SULLIVAN, Custodian  
for Thomas A. Sullivan, minor

This Instrument Prepared By:  
EDDIE M. ANDERSON, P.A.  
P. O. Box 1179  
Lake City, Florida 32056-1179

The foregoing instrument was acknowledged before me this 2 day of FEBRUARY, 2006, by MARK P. SULLIVAN, as Custodian for Thomas A. Sullivan. He produced FLN as identification.

(Notarial

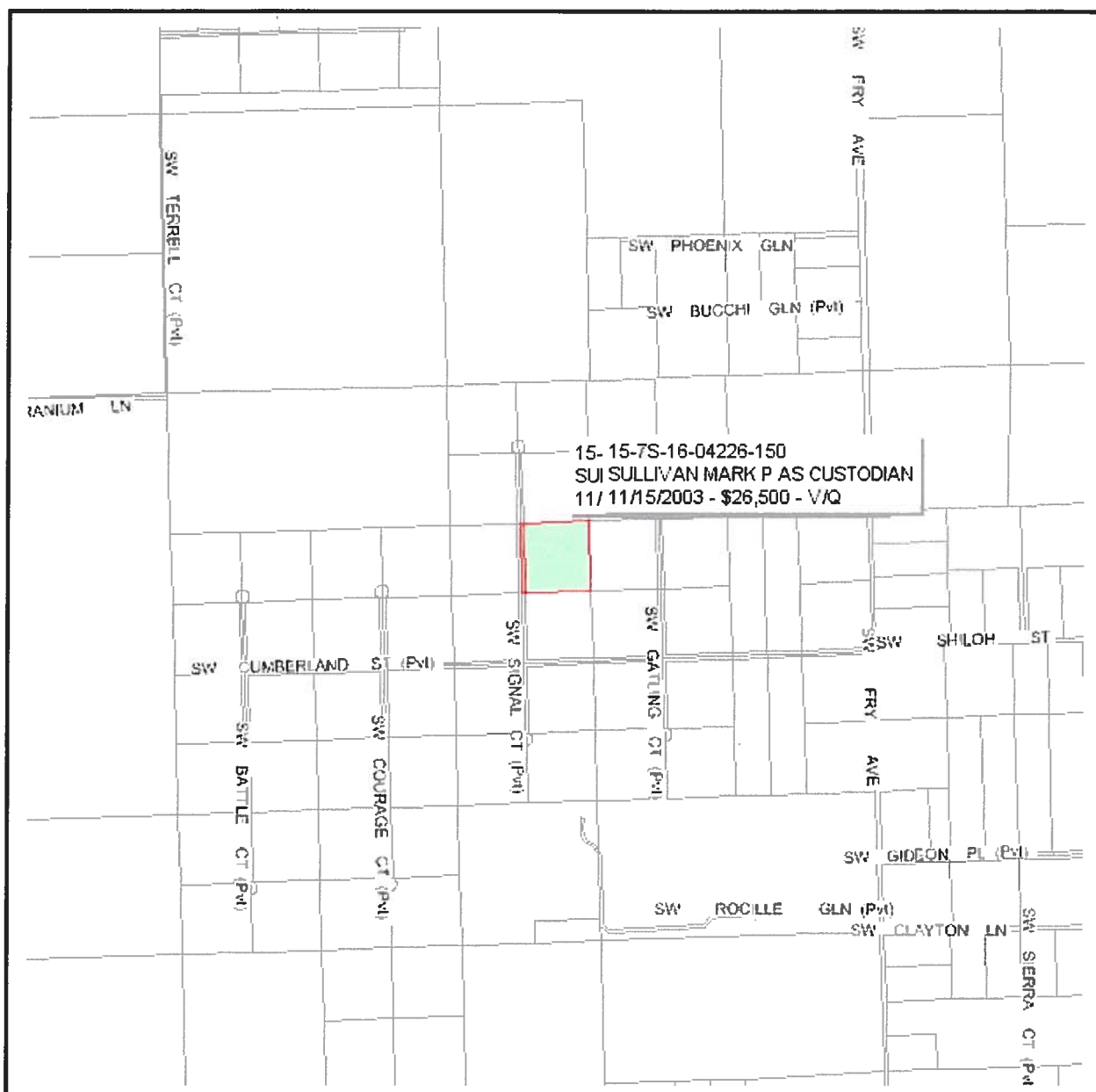


Julie Calloway  
Notary Public  
My Commission Expires:

Inst: 1606002787 Date: 02/06/2006 Time: 10:40

Doc Stamp Deed : 384.30

1.2 Doc. P. DeWitt Cason, Columbia County Pl: 1073 P: 156



## Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

### PARCEL: 15-7S-16-04226-150 - TIMBERLAND (005500)

COMM SW COR OF NW1/4, RUN E 659.08 FT, N 661.69 FT FOR POB CONT N 661.68 FT, E 658.14 FT,

Name: SULLIVAN MARK P AS CUSTODIAN

Site: SHILOH RIDGE S/D UNR  
FOR THOMAS A SULLIVAN

Mail: 20638 NW 78 AVE  
ALACHUA, FL 32615

Sales 11/15/2003 \$26,500.00 V / Q

Info 6/1/1997 \$45,000.00 V / U

LandVal \$0.00

BldgVal \$0.00

ApprVal \$2,202.00

JustVal \$41,641.00

Assd \$2,202.00

Exmpt \$0.00

Taxable \$2,202.00

0 0.1 0.2 0.3 mi



This information, GIS Map Updated: 8/3/2005, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.



APPROXIMATE SCALE IN FEET



**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM  
FLOOD INSURANCE RATE MAP**

**COLUMBIA  
COUNTY,  
FLORIDA  
(UNINCORPORATED AREAS)**

**PANEL 260 OF 290**

PANEL LOCATION



**COMMUNITY-PANEL NUMBER**

**120070 0260 B**

**EFFECTIVE DATE:**

**JANUARY 6, 1988**



**Federal Emergency Management Agency**

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

NOTICE OF COMMENCEMENT

The undersigned hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713 Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

DESCRIPTION OF PROPERTY: See Schedule "A" Attached Hereto.

GENERAL DESCRIPTION OF IMPROVEMENTS: Residential

OWNER AND ADDRESS: Deborah Ann Wright and  
Zell R. Stephens  
523 NE Cheshire Lane  
Lake City, Florida 32055

OWNER'S INTEREST IN PROPERTY: Fee Simple

FEE SIMPLE TITLE HOLDER: OWNERS

CONTRACTOR AND ADDRESS:  
J.L. DUPREE CONSTRUCTION SERVICES, INC.  
Post Office Box 2861  
Lake City, Florida 32056-2861

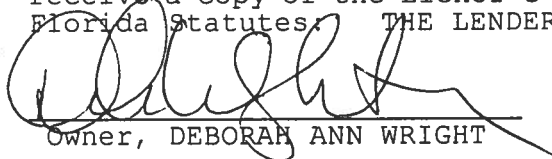
SURETY: NONE AMOUNT OF BOND: N/A

LENDER: National City Mortgage  
3232 Newmark Drive  
Miamisburg, Ohio 45342

Name and address of person within the State of Florida designated by owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)(7), Florida Statutes.

OWNER

In addition to themselves, Owners designate the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b) Florida Statutes: THE LENDER

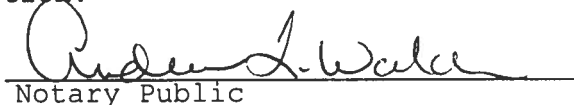
  
Owner, DEBORAH ANN WRIGHT

  
Owner, ZELL R. STEPHENS

STATE OF FLORIDA  
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 2nd day of February, 2006, by DEBORAH ANN WRIGHT and ZELL R. STEPHENS. They produced FLDL as identification.

(Notarial Seal)

  
Notary Public



Andrea L. Walden  
My Commission DD280301  
Expires October 21, 2007

This Instrument Prepared By:  
EDDIE M. ANDERSON, P.A.  
P. O. Box 1179  
Lake City, Florida 32056-1179

SCHEDULE "A"  
TO  
NOTICE OF COMMENCEMENT  
NATIONAL CITY MORTGAGE - WRIGHT

LOT 50, SHILOH RIDGE:

COMMENCE AT THE SOUTHWEST CORNER OF THE NORTHWEST 1/4 OF SECTION 15, TOWNSHIP 7 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN THENCE NORTH 89 DEG. 03 MIN. 48 SEC. EAST ALONG THE SOUTH LINE OF SAID NORTHWEST 1/4, 659.08 FEET; THENCE NORTH 00 DEG. 44 MIN. 30 SEC. WEST, 661.69 FEET TO THE SOUTHWEST CORNER OF SAID LOT AND TO THE POINT OF BEGINNING; THENCE CONTINUE NORTH 00 DEG. 44 MIN. 30 SEC. WEST, 661.68 FEET; THENCE NORTH 89 DEG. 01 MIN. 44 SEC. EAST, 658.14 FEET; THENCE SOUTH 00 DEG. 45 MIN. 48 SEC. EAST, 661.93 FEET; THENCE SOUTH 89 DEG. 02 MIN. 46 SEC. WEST, 658.42 FEET TO THE POINT OF BEGINNING. THE WEST 30 FEET OF SAID LANDS BEING SUBJECT TO AN EASEMENT FOR INGRESS AND EGRESS.

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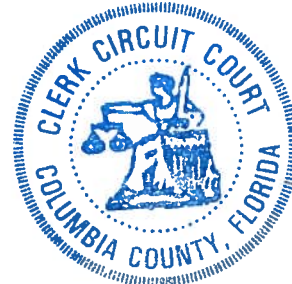
Inst:2006002769 Date:02/06/2006 Time:10:40

\_\_\_\_\_, P. DeWitt Cason, Columbia County B:1073 P:178

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

By Sharon Seagle DC  
Deputy Clerk

Date 2-6-06



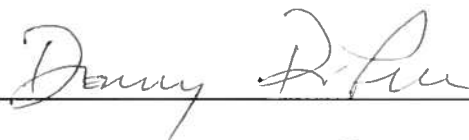
# Columbia County Building Department Culvert Permit

Culvert Permit No.  
000000999

DATE 03/09/2006 PARCEL ID # 15-7S-16-04226-150  
APPLICANT DONNIE DUPREE PHONE 754-5678  
ADDRESS P.O. BOX 2861 LAKE CITY FL 32056  
OWNER DEBORAH WRIGHT PHONE \_\_\_\_\_  
ADDRESS 277 SW SALLIEWOOD COURT FT. WHITE FL 32038  
CONTRACTOR J.L. DUPREE PHONE 754-5678  
LOCATION OF PROPERTY 47S, TL ON 27, TR ON FRY ROAD, TR ON CUMBERLAND, TR ON  
SALLIEWOOD, 2ND LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT SHILO RIDGE UNREC 50

SIGNATURE



## INSTALLATION REQUIREMENTS

☒ X

Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

☐

Culvert installation shall conform to the approved site plan standards.

☐

Department of Transportation Permit installation approved standards.

☐

Other \_\_\_\_\_

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED  
DURING THE INSTALLATION 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



# Columbia County Building Department Culvert Permit

Culvert Permit No.  
000001000

DATE 03/09/2006 PARCEL ID # 15-7S-16-04226-150

APPLICANT DONNIE DUPREE PHONE 754-5678

ADDRESS P.O. BOX 2861 LAKE CITY FL 32056

OWNER DEBORAH WRIGHT PHONE \_\_\_\_\_

ADDRESS SW SALLIEWOOD COURT FT. WHITE FL 32038

CONTRACTOR J.L. DUPREE PHONE 754-5678

LOCATION OF PROPERTY 47S, TL ON 27, TR ON FRY ROAD, TR ON CUMBERLAND, TR ON  
SALLIEWOOD, 2ND LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT SHILO RIDGE UNREC 50

SIGNATURE

*Donny Dupree*

## INSTALLATION REQUIREMENTS

☒ X

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☐

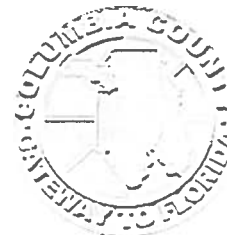
Other \_\_\_\_\_

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

135 NE Hernando Ave., Suite B-21  
Lake City, FL 32055  
Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid

NO CHARGE



# COLUMBIA COUNTY OFFICE OF OCCUPANCY

## COLUMBIA COUNTY, FLORIDA

### Department of Building and Zoning Inspection

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

Parcel Number 15-7S-16-04226-150

Building permit No. 000024216

Use Classification SFD, UTILITY

Fire: 11.84

Permit Holder J.L. DUPREE CONSTRUCTION

Waste: 24.50

Owner of Building DEBORAH WRIGHT

Total: 36.34

Location: 277 SW SALLIEWOOD COURT

Date: 08/31/2006



*[Signature]*

Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)

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

0602-54

Reference to: Build permit application Number:

J.L. DuPree Construction Owner Deborah Wright 277 SW Salliewood Court

On the date of February 22, 2006 application 0602-54 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

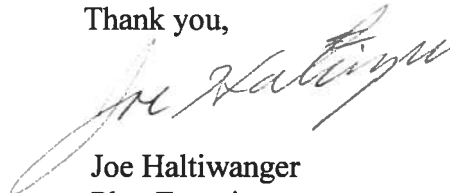
**Please include application number 0602-54 when making reference to this application.**

1. Please submit a recorded (with the Columbia County Clerk Office) a notice of commencement before any inspections can be preformed by the Columbia County Building Department.
2. Please show proof that Deborah Wright has ownership of parcel 15-7S-16-04226-150 Shilo Ridge Lot 50.
3. Please submit site plan including: dimensions of lot, dimensions of building, set backs, location of all other buildings on lot, well and septic tank if applicable, and all utility easements, Provide a full legal description of property.
4. Please submit a letter form the potable water well contractor which will describe the equipment to be used to supply potable water to this dwelling. Include the size of pump motor, size of pressure tank and cycle stop valve if used.

5. Please provide product approval and manufacture specification on the solar roof panels along with the dead load weight.
6. Please show compliance with table R301.5 of the FRC-2004 as this table relates to the guard rail system on the second floor.
7. Please show compliance with the requirements of the FRC-2004 for residential stair.

Within dwelling units, treads and risers of stairs shall be permitted to be so proportioned that the sum of two risers and a tread, exclusive of projection of nosing, is not less than 24 inches (610 mm) nor more than 25 inches (635 mm). The height of risers shall not exceed 7 3/4 inches (197 mm), and treads, exclusive of nosing, shall be not less than 9 inches (229 mm) wide. Every tread less than 10 inches (254 mm) wide shall have a nosing, or effective projection, of approximately 1 inch (25.4 mm) over the level immediately below that tread.

Thank you,



Joe Haltiwanger  
Plan Examiner  
Columbia County Building Department

**HENRY M. HEALEY P.E.**  
*H.M.H.*  
*2/3/06*

**FL REG ENG NO. 33056**

**HEALEY & ASSOCIATES**

REGISTERED PROFESSIONAL ENGINEERS

CONTRACTS OF ASSOCIATION NO. 4437

4425 LANTANA AVENUE  
 FORT MYERS BEACH, FL 33904  
 1000 N.W. 12th ROAD, SUITE 4  
 FORT LAUDERDALE, FL 33304

| NO. | REMARKS | DATE |
|-----|---------|------|
| 1   |         |      |
| 2   |         |      |
| 3   |         |      |
| 4   |         |      |
| 5   |         |      |
| 6   |         |      |
| 7   |         |      |
| 8   |         |      |
| 9   |         |      |
| 10  |         |      |
| 11  |         |      |
| 12  |         |      |
| 13  |         |      |
| 14  |         |      |
| 15  |         |      |
| 16  |         |      |
| 17  |         |      |
| 18  |         |      |
| 19  |         |      |
| 20  |         |      |
| 21  |         |      |
| 22  |         |      |
| 23  |         |      |
| 24  |         |      |
| 25  |         |      |
| 26  |         |      |
| 27  |         |      |
| 28  |         |      |
| 29  |         |      |
| 30  |         |      |

**PROJECT TITLE:** POLAR COLLECTOR RE-ALIGNMENT 9-DEGREE INDEX

**DATE:** 1/25/06

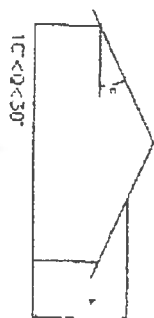
**BY:** AE 1





The top diagram shows a square roof plan. It features a central square area labeled "CENTRAL ROOF AREA" and four triangular sections labeled "SLOPE ROOF AREA". The plan includes structural details such as beams and columns, with dimensions and annotations like "1/2\"/>

The bottom diagram shows a rectangular roof plan. It features a central rectangular area labeled "CENTRAL ROOF AREA" and four trapezoidal sections labeled "SLOPE ROOF AREA". The plan includes structural details such as beams and columns, with dimensions and annotations like "1/2\"/>



| WIND<br>SPEED<br>MPH | DESIGN<br>LOAD<br>40 SF<br>AREA 1<br>CENTER | DESIGN<br>LOAD<br>40 SF<br>AREA 2<br>EDGE |
|----------------------|---------------------------------------------|-------------------------------------------|
| 150                  | 35.1                                        | 84.6                                      |
| 140                  | 30.6                                        | 56.3                                      |
| 130                  | 26.3                                        | 48.6                                      |
| 120                  | 22.5                                        | 41.3                                      |
| 110                  | 18.9                                        | 34.7                                      |
| 100                  | 15.6                                        | 28.7                                      |

WIND LOADS AT DIFFERENT WIND SPEEDS FOR THE A-1 AND B-2 COLLAP. COLLECTOR  
BUILT IN THE CENTRAL AREA OF A TYPICAL RESIDENTIAL BUILDING AS SHOWN  
AND DESCRIBED ON THIS SHEET

[illegible]

THE DRAWINGS DO NOT NECESSARILY INDICATE SPECIFIC AND SPEEDS BECAUSE OF THE VARIABILITY OF WIND SPEED, WIND DIRECTION AND LOCATION OF POSITIVE CLOUDS. THE "DO-DO" REGISTERS ALL NEUTRAL POINTS NOT FILLED IN ACCORDANCE WITH THESE DRAWINGS WILL, NEVERTHELESS, BE THE PROPERTY OF AND AS SUPPLIED BY TERRA SYSTEMS, INC. AND ARE NOT TO BE USED FOR ANY OTHER PURPOSES. THE NEUTRAL POINTS.

[illegible]

THE INFORMATION ON THE INDEX CAN BE USED TO DETERMINE THE MAINTENANCE OF THE LOAD ON THE LOCAL COLLECTION. A PERSON WHO AGREES WITH IT IS MAINTAINED IN ACCORDANCE WITH THE RESEARCHER'S PLAN. IN THE EVENT OF A RESEARCHER'S ABSENCE, THE INDEX CAN BE USED TO DETERMINE THE MAINTENANCE OF THE INDEX. THE INDEX CAN BE USED TO DETERMINE THE MAINTENANCE OF THE INDEX. THE INDEX CAN BE USED TO DETERMINE THE MAINTENANCE OF THE INDEX.

11/11/06  
2/13/06

**HEALTHY & ASSOCIATES**  
 REGISTERED PROFESSIONAL LANDSCAPE ARCHITECTS  
 10000 W. 10TH AVE., SUITE 100, DENVER, CO 80202  
 (303) 751-1100

**DESIGN # 12**

**RES ALLIATION HARDWARE  
 ACT AE SERIES  
 KNO BPEED-LOAD IN-CORRUPTIO**

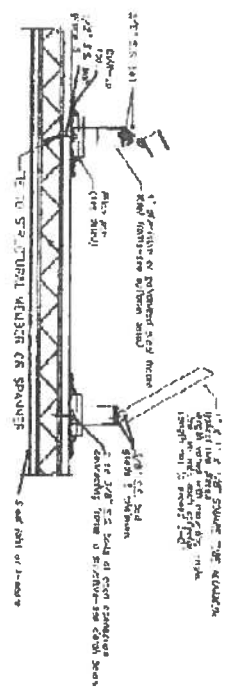
**DESIGNING FOR**

**AE**

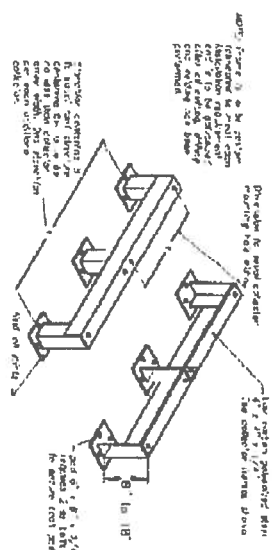
**1**

**303-751-1100**





TYPICAL INSTALLATION DETAIL (CONCRETE OR METAL ROOF)



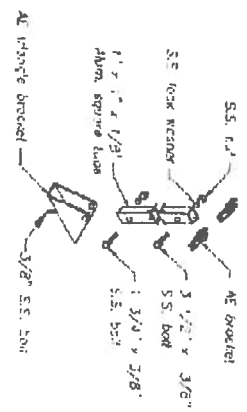
OPTIONAL STRUTTED FRAMING DETAIL



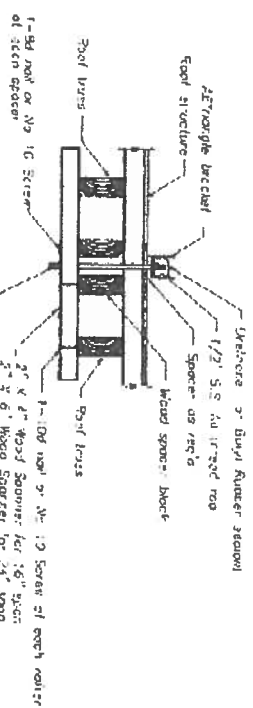
STEEL PAIN DETAIL



PIPE FLASHING DETAIL



CONNECTION DETAIL FOR STEEL JOINT



Specification Detail  
This detail for limited application to a  
portion of structure - this detail intended for  
light commercial and residential applications  
with roof support structure as 15 or 24 inch  
center. Other spacing and structure will  
require site specific analysis.

- NOTES
- 1) THE SLAB COLLIDER INSTALLATION AS DETAIL IN THESE DRAWINGS IS FOR THE INSTALLATION OF ALTERNATE ENERGY BEARING DEVICES AS SERIES SOLAR COLLECTIONS ON STRUCTURES WITH A MAXIMUM UPLIFT PRESSURE OF 51 PSF (1-51 PSF).
  - 2) THE DESIGN OF THIS INSTALLATION IS BASED ON REQUIREMENTS OF THE 2001 INTERNATIONAL CODE, MODEL, AND STANDARDS OF THE SLAB COLLIDER BY DISCHARGE FROM 200 (200-24), 250 & 312.
  - 3) THE INSTALLATION SHALL BE MAINTAINED PROVIDED BY THE MANUFACTURER AS DETAIL IN THE DRAWINGS.
  - 4) ALL ALUMINUM STEEL JOINT MEMBERS TO BE 6061-T6.
  - 5) ALL STRUCTURAL STEEL TO BE 100 EPOCH CEMENTED STEEL, AND ALL IRONWORK (BOLTS, NUTS, ETC.) TO BE STAINLESS STEEL.

DESIGN WIND PRESSURE  
MAJOR SLOPE UPLIFT 51 PSF

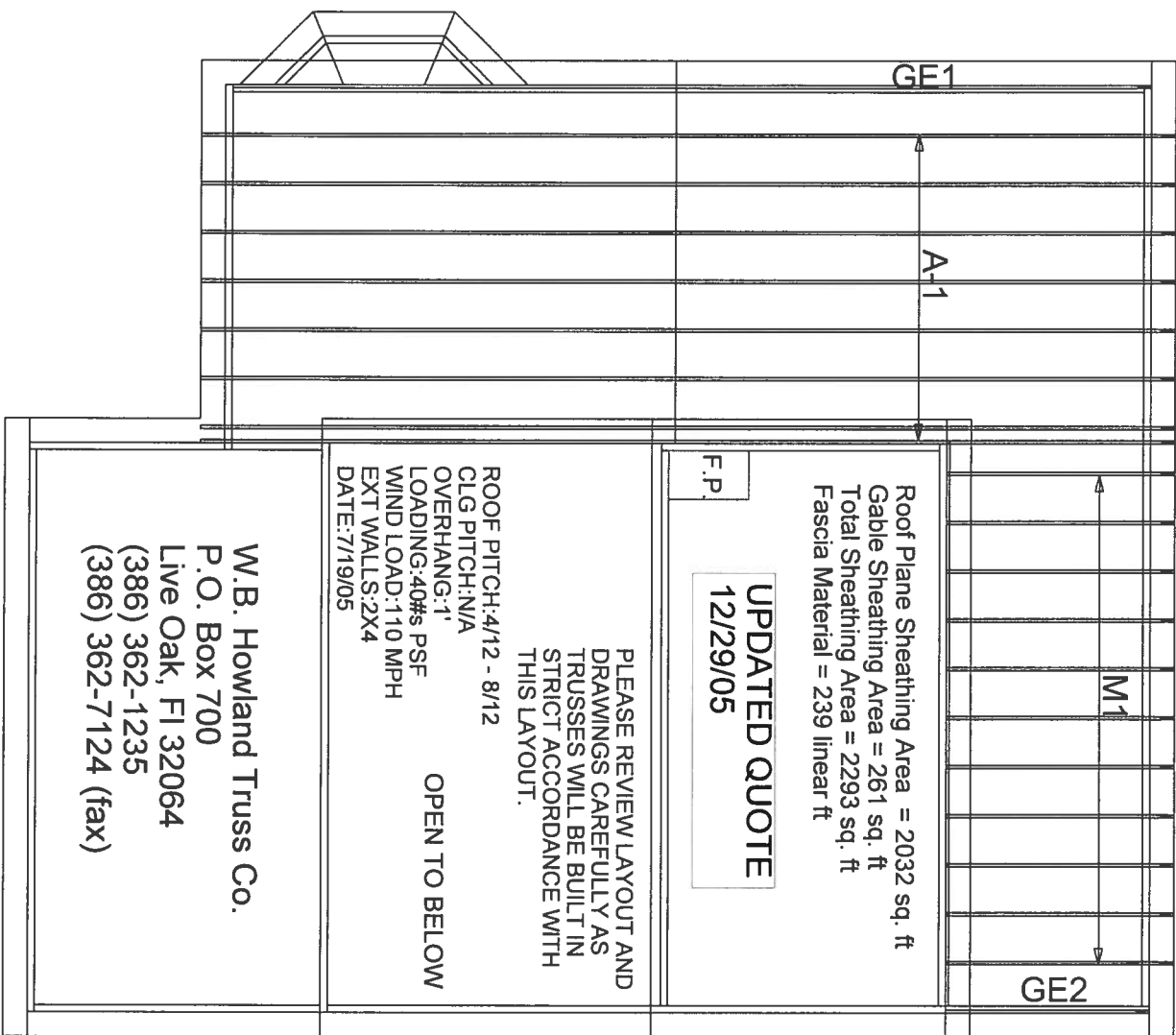
HEALEY & ASSOCIATES  
P.L.L.C.  
14111  
2/13/06

HEALEY & ASSOCIATES  
14111  
2/13/06

INSTALLATION DETAILS  
FOR PLAT ROOF USING  
STACORP ROAKE  
AE  
1  
SEE 436

46' 27' 8' 2' 2' 5' 2'

2' 38'



2' 15' 40' 23'

F.P.  
**UPDATED QUOTE**  
12/29/05

PLEASE REVIEW LAYOUT AND  
DRAWINGS CAREFULLY AS  
TRUSSES WILL BE BUILT IN  
STRICT ACCORDANCE WITH  
THIS LAYOUT.  
  
ROOF PITCH: 4/12 - 8/12  
CLG PITCH: N/A  
OVERHANG: 1'  
LOADING: 40#s PSF  
WIND LOAD: 110 MPH  
EXT WALLS: 2X4  
DATE: 7/19/05  
  
OPEN TO BELOW

W.B. Howland Truss Co.  
P.O. Box 700  
Live Oak, FL 32064  
(386) 362-1235  
(386) 362-7124 (fax)

PLAN SHOWS 2X6  
AND 2X10 RAFTERS  
FOR THIS AREA.

Job Name: JL DUPREE// WRIGHT RES.  
Customer: J.L. DUPREE  
Designer: Lynn Bell

JOB NO:  
2610

PAGE NO:  
1 OF 1

# Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844  
Florida Engineering Certificate of Authorization Number: 567  
Florida Certificate of Product Approval # FL1999  
Page 1 of 1 Document ID:1SUF215-Z0106104129

Truss Fabricator: W.B. Howland  
Job Identification: 2610-/JL DUPREE// WRIGHT RES. /J.L. DUPREE -- , \*\*  
Truss Count: 4  
Model Code: Standard Building Code  
Truss Criteria: ANSI/TPI-1995(STD)  
Engineering Software: Alpine Software, Version 7.11.  
Structural Engineer of Record:  
Address:  
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration  
Floor - N/A  
Wind - 110 MPH ASCE 7-98 -Closed

## Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Details: A11030EC-GBLLETIN-BRCLBSUB-

| # | Ref        | Description | Drawing# | Date     |
|---|------------|-------------|----------|----------|
| 1 | 35895--GE1 |             | 06037002 | 02/06/06 |
| 2 | 35896--A-1 |             | 06037001 | 02/06/06 |
| 3 | 35897--GE2 |             | 06037003 | 02/06/06 |
| 4 | 35898--M1  |             | 06037004 | 02/06/06 |



Seal Date: 02/06/2006

-Truss Design Engineer-  
James F. Collins Jr.  
Florida License Number: 52212  
1950 Marley Drive  
Haines City, FL 33844

Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense  
Webs 2x4 SP #2 Dense

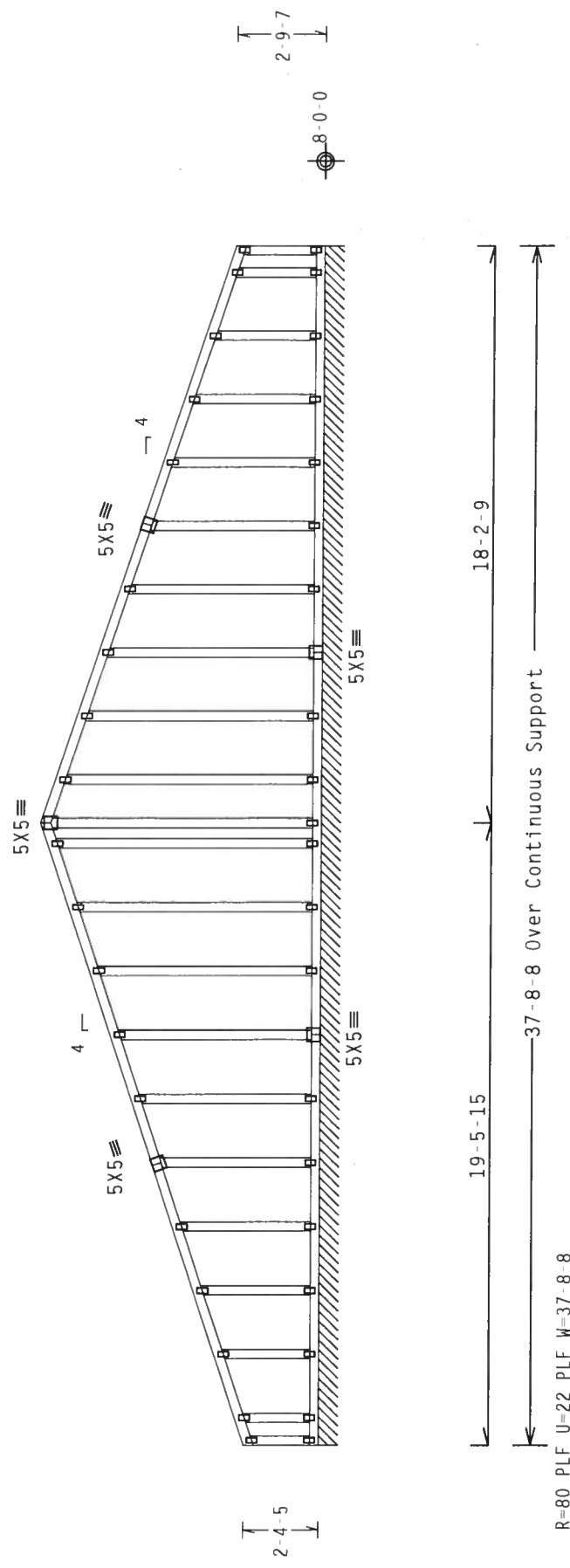
End verticals not exposed to wind pressure.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.  
Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

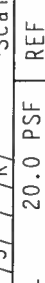
The overall height of this truss excluding overhang is 8-10-4.

THE JOB ENGINEER OR BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE JOB ENGINEER OR BUILDING DESIGNER.



Note: All Plates Are 2X4 Except As Shown.

**PLT TYP. Wave TPI**



**ALPINE**

**Alpine Engineered Products, Inc.**  
 1950 Marlin Blvd.  
 Gaines City, FL 32644

FL Certificate of Authorization # 567

**Design Crit: TPI-1995 (STD)**

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (TRUSS COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 503 D'ONOFIO DR., SUITE 200, HANCOCK, MI 48219, AND THE FOLLOWING NOTES AND CONDITIONS. THESE CONDITIONS, HADISON, MI 53119 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TRUSSES. IF ANY TRUSS IS TO BE USED, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** CURRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES IN CONFORMANCE WITH TPI:

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 20/18/16GA (W, H/2/5/4) ASTM A653 GRADE 40/60 (W, H/1/5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE NOTED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEN A3 OF TPI 2002 SEC. 3. A SEAL ON THE DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

QTY: 1

FL / - 5 / - / R / -

Scale = .1875" / Ft.

| TC LL     | 20.0 PSF | REF R215-- 35895      |
|-----------|----------|-----------------------|
| TC DL     | 10.0 PSF | DATE 02/06/06         |
| BC DL     | 10.0 PSF | DRW HCUSR215 06037002 |
| BC LL     | 0.0 PSF  | HC-ENG RA/WHK         |
| TOT. LD.  | 40.0 PSF | SEQN- 54613           |
| DUR. FAC. | 1.25     | FROM LRB              |
| SPACING   | 24.0"    | JREF- 1SUF215_Z01     |

Feb 06 2006

| Top | chord | 2x4 | SP | #2 | Dense |
|-----|-------|-----|----|----|-------|
| Bot | chord | 2x4 | SP | #2 | Dense |
|     | webs  | 2x4 | SP | #2 | Dense |

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

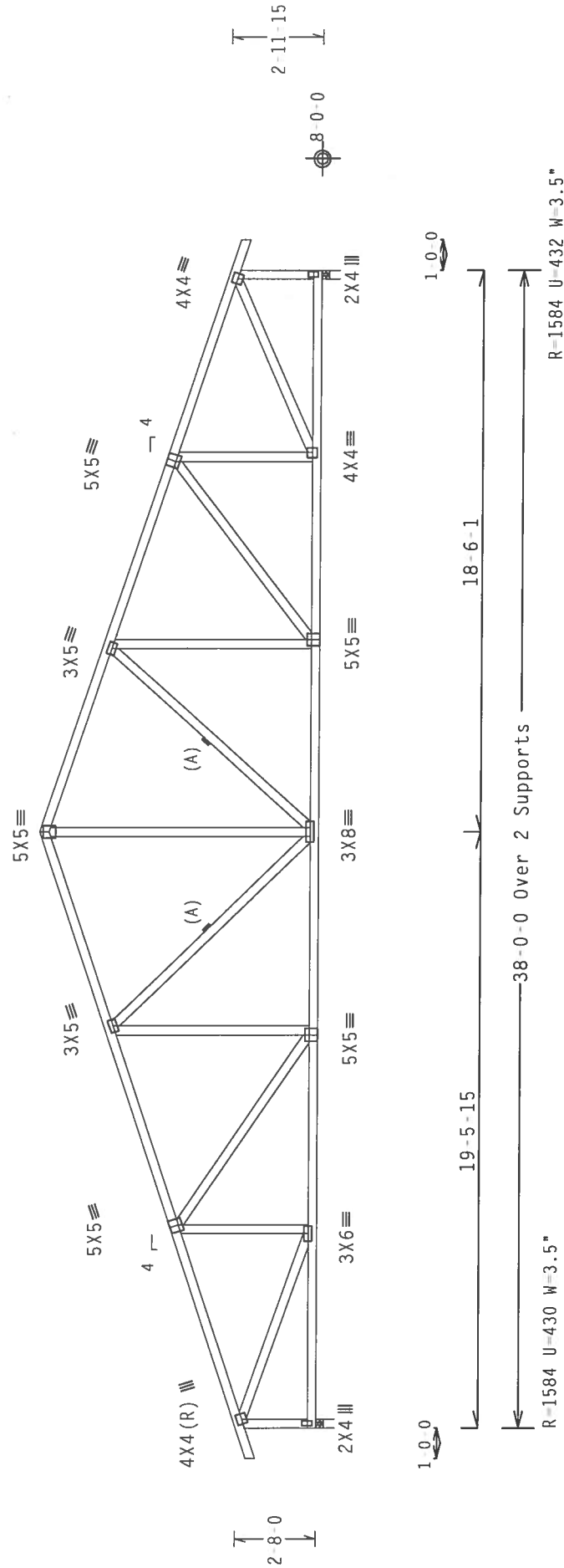
In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

(A) Continuous lateral bracing equally spaced on member.

Plates sized for a minimum of 3.00 sq. in./piece.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 9-2-0.



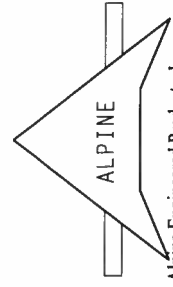
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

7 11 0116

QTY:6 FL/-15/-1-1R/-

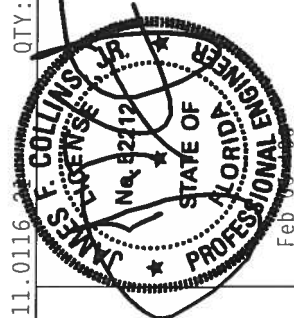
Scale = .1875"/Ft.



Alpine Engineered Products, Inc.  
1950 Marley Drive  
Haines City, FL 33844  
FI Certificate of Authorization # 567

\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BEST 101 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLAN INSTITUTE, 583 WEST 10TH STREET, SUITE 200, MADISON, WI 53715) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE IN, SUITE 100, MADISON, WI 53719) FOR SPECIFIC RECOMMENDATIONS AND PRECAUTIONS TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PLYS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID GULLING.

**\*\*IMPORTANT\*\*** TURKISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS REGARDING HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. TRUSSES SHALL BE DESIGNED TO MEET THE REQUIREMENTS SPEC. BY ATAPAK AND IPTI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/1968 U.S. ASTM A563 GRADE 3 STEEL. GALV. STEEL PLATES TO EACH FACE OF TRUSS AND, THERE WITHIN, IS LOCATED ON THIS DESIGN. POSITION PER DRAWINGS (NON 2018/1968 U.S. ASTM A563 GRADE 3 STEEL). ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IPTI-2002 SEC.3 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSIP/11 SEC. 2.

Haines City, FL 33844  
FL Certificate of Authorization #

|          |       |     |        |          |          |
|----------|-------|-----|--------|----------|----------|
| TC LL    | 20.0  | PSF | REF    | R215--   | 35896    |
| TC DL    | 10.0  | PSF | DATE   | 02/06/06 |          |
| BC DL    | 10.0  | PSF | DRW    | HCUSR215 | 06037001 |
| BC LL    | 0.0   | PSF | HC-ENG | RA/WHK   | *        |
| TOT.LD.  | 40.0  | PSF | SEQN-  | 54619    |          |
| DUR.FAC. | 1.25  |     | FROM   | LRB      |          |
| SPACING  | 24.0" |     | JREF-  | 1SUF215  | Z01      |

|           |     |    |    |       |
|-----------|-----|----|----|-------|
| Top chord | 2x4 | SP | #2 | Dense |
| Bot chord | 2x4 | SP | #2 | Dense |
| webs      | 2x4 | SP | #2 | Dense |

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure.

See DWGS A11030EC1103 & GBLLETIN0405 for more requirements.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

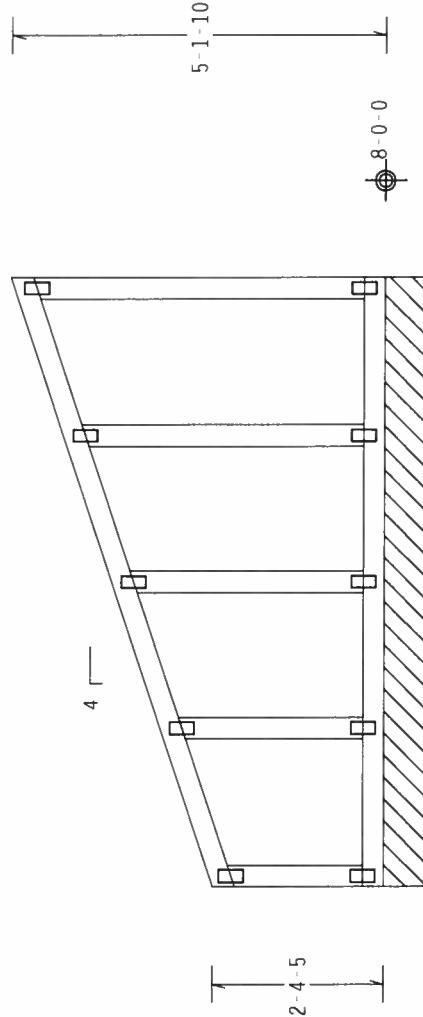
Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

Fasten rated sheathing to one face of this frame.

The overall height of this truss excluding overhang is 5'-1'-10".

THE JOB ENGINEER OR BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE JOB ENGINEER OR BUILDING DESIGNER.



$\overleftrightarrow{\hspace{1.5cm}}$  8-4-0 Over Continuous Support  $\overleftrightarrow{\hspace{1.5cm}}$   
 $R=80$  PLF  $U=27$  PLF  $W=8-4-0$

Note: All Plates Are 2X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)

7.11.0116.2

QTY:1 FL/-/5/-/-/R/-/

$$\text{Scale} = 375''/\text{Ft}$$

**\*WARNING:** TRUSSES REQUIRE EXTREME CARE IN FACTORY, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BULLDOG COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (U.S.S. PLATE, 583 DOWNSIDE DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 1001 W. WISCONSIN AVE., SUITE 100, MADISON, WI 53719) FOR PROPER TRUSS HANDLING AND BRACING. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORD GULLING.

|          |       |     |        |          |          |
|----------|-------|-----|--------|----------|----------|
| TC LL    | 20.0  | PSF | REF    | R215 - - | 35897    |
| TC DL    | 10.0  | PSF | DATE   | 02/06/06 |          |
| BC DL    | 10.0  | PSF | DRW    | HCUSR215 | 06037003 |
| BC LL    | 0.0   | PSF | HC-ENG | RA/WHK   |          |
| TOT.LD.  | 40.0  | PSF | SEQN-  | 54624    |          |
| DUR.FAC. | 1.25  |     | FROM   | LRB      |          |
| SPACING  | 24.0" |     | JREF-  | 1SUF215  | Z01      |



Alpine Engineered Products, Inc.  
1950 Marley Drive  
Haines City, FL 33844

Haines City, FL 33844  
FL Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense  
Webs 2x4 SP #2 Dense  
:Rt Bearing Leg 2x4 SP #2

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

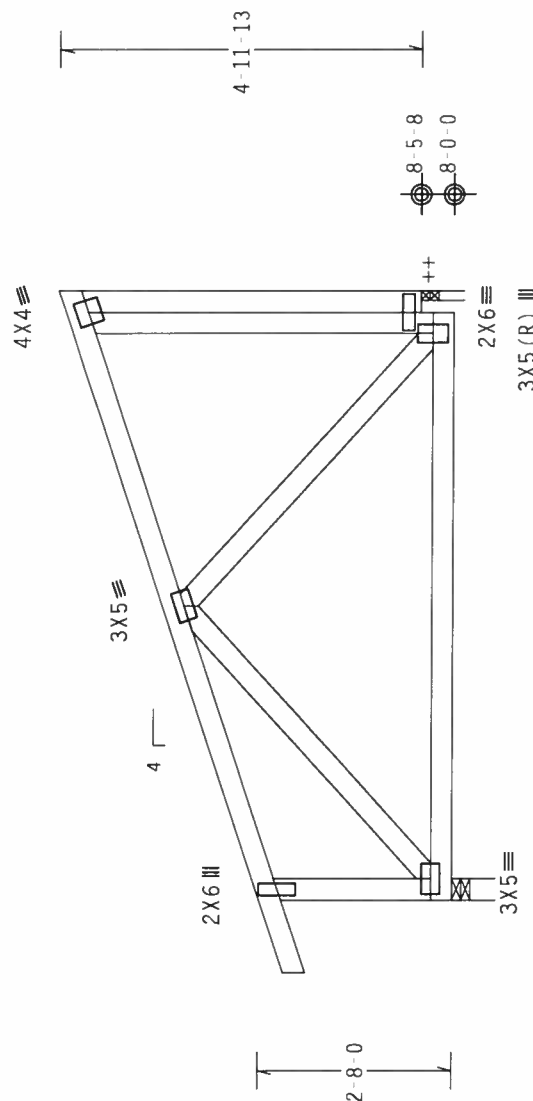
In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 5-5-5.

Plates sized for a minimum of 3.00 sq. in./piece.

++ ANCHORAGE REQ'D TO PREVENT TRUSS FROM SLIPPING OFF BEARING.



1-0-0

8-4-0 Over 2 Supports

R=399 U=180 W=3.5"

R=332 U=180 W=1.5"

PLT TYP. Wave TPI

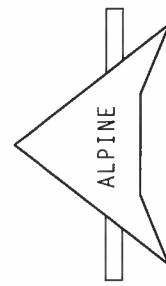
Design Crit: TPI-1995(STD)

QTY:11 FI / - / 5 / - / - / R / -

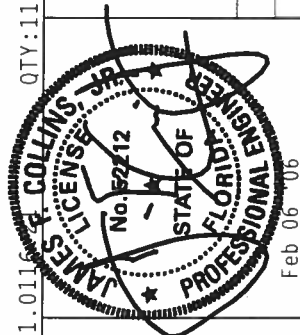
$$\text{Scale} = 375''/\text{ft}$$

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TRUSS BOSS 1-3 (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PULPIT INSTITUTE, 583 CONVENT RD., SUITE 200, CHICAGO, ILL. 60606) AND TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719, PROVIDES THE SAFETY PRACTICES FOR THE PROPER PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE ALTERNATELY ATTACHED RIGID CEILING.

**IMPORTANT:** THE INSTALLATION CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE OR FABRICATING, HANDLING, SHIPPING, INSTALLING, A BRACING OF TRUSSES. COMPONENTS WITH THE LABEL PROVISIONS OF ADO INATIONAL DESIGN SPEC. BY ARAPI AND TPI. ALL CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH THE DESIGN SPEC. BY ARAPI AND TPI. ALL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ARAPI A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENTS. THE SEAL OF THIS CONTRACT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ARAPI TPI 1 SEC. 2.



Alpine Engineered Products, Inc.  
1950 Marley Drive  
Haines City, FL 33844  
FL Certificate of Authorization # 567



Haines City, FL 33844  
FL Certificate of Authorization # 567

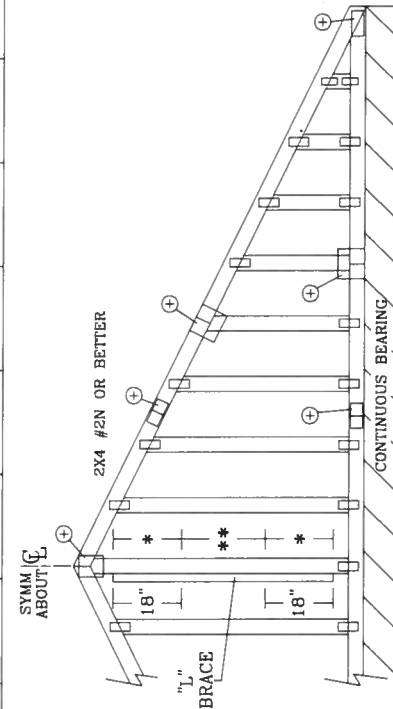
|          |       |     |        |          |          |
|----------|-------|-----|--------|----------|----------|
| TC LL    | 20.0  | PSF | REF    | R215--   | 35898    |
| TC DL    | 10.0  | PSF | DATE   | 02/06/06 |          |
| BC DL    | 10.0  | PSF | DRW    | HCUSR215 | 06037004 |
| BC LL    | 0.0   | PSF | HC-ENG | RA/WHK   |          |
| TOT.LD.  | 40.0  | PSF | SEQN-  | 54629    |          |
| DUR.FAC. | 1.25  |     | FROM   | LRB      |          |
| SPACING  | 24.0" |     | JREF-  | 1SUF215  | Z01      |

| 2X4<br>GABLE VERTICAL<br>SPACING SPECIES GRADE |          | BRACE |          | NO<br>BRACES |        | (1) 1X4 "L" BRACE • |         | (2) 2X4 "L" BRACE • |         | (1) 2X6 "L" BRACE •• |         | (2) 2X6 "L" BRACE •• |         |
|------------------------------------------------|----------|-------|----------|--------------|--------|---------------------|---------|---------------------|---------|----------------------|---------|----------------------|---------|
|                                                |          |       |          |              |        | GROUP A             | GROUP B | GROUP A             | GROUP B | GROUP A              | GROUP B | GROUP A              | GROUP B |
| MAX GABLE VERTICAL LENGTH                      | 12" O.C. | SPF   | #1 / #2  | 3' 8"        | 3' 8"  | 6' 4"               | 6' 6"   | 7' 6"               | 7' 8"   | 8' 11"               | 9' 2"   | 11' 9"               | 12' 1"  |
|                                                |          | HF    | #3       | 3' 7"        | 3' 7"  | 5' 5"               | 5' 5"   | 7' 2"               | 7' 2"   | 8' 11"               | 8' 11"  | 11' 2"               | 11' 2"  |
|                                                |          | STUD  | STANDARD | 3' 7"        | 3' 7"  | 5' 5"               | 5' 5"   | 7' 1"               | 7' 1"   | 8' 11"               | 8' 11"  | 11' 1"               | 11' 1"  |
|                                                |          | SP    | #1       | 4' 0"        | 4' 0"  | 6' 4"               | 6' 10"  | 7' 6"               | 8' 1"   | 8' 11"               | 9' 7"   | 11' 9"               | 12' 8"  |
| 24" O.C.                                       | 16" O.C. | DFL   | #2       | 3' 11"       | 3' 11" | 6' 4"               | 6' 10"  | 7' 6"               | 8' 1"   | 8' 11"               | 9' 7"   | 11' 9"               | 12' 8"  |
|                                                |          | SP    | #3       | 3' 9"        | 3' 9"  | 5' 7"               | 5' 7"   | 7' 4"               | 7' 4"   | 8' 11"               | 9' 5"   | 11' 5"               | 11' 5"  |
|                                                |          | DFL   | STUD     | 3' 9"        | 3' 9"  | 5' 6"               | 5' 6"   | 7' 3"               | 7' 3"   | 8' 11"               | 9' 5"   | 11' 4"               | 11' 4"  |
|                                                |          | SP    | #1 / #2  | 4' 2"        | 4' 2"  | 7' 3"               | 7' 5"   | 8' 7"               | 8' 7"   | 10' 3"               | 10' 6"  | 13' 5"               | 13' 10" |
| 16" O.C.                                       | 12" O.C. | HF    | #3       | 4' 1"        | 4' 1"  | 6' 8"               | 6' 8"   | 8' 7"               | 8' 7"   | 10' 3"               | 10' 3"  | 13' 5"               | 13' 5"  |
|                                                |          | SP    | STANDARD | 4' 1"        | 4' 1"  | 5' 8"               | 5' 8"   | 7' 6"               | 7' 6"   | 10' 3"               | 10' 3"  | 11' 8"               | 11' 8"  |
|                                                |          | DFL   | #1       | 4' 7"        | 4' 7"  | 7' 3"               | 7' 9"   | 8' 7"               | 8' 7"   | 10' 3"               | 11' 0"  | 13' 5"               | 14' 0"  |
|                                                |          | SP    | #2       | 4' 6"        | 4' 6"  | 7' 3"               | 7' 9"   | 8' 7"               | 8' 7"   | 10' 3"               | 11' 0"  | 13' 5"               | 14' 0"  |
| 12" O.C.                                       | 12" O.C. | HF    | #3       | 4' 4"        | 4' 4"  | 6' 10"              | 6' 10"  | 8' 7"               | 8' 7"   | 10' 3"               | 10' 9"  | 13' 5"               | 14' 0"  |
|                                                |          | SP    | STUD     | 4' 4"        | 4' 4"  | 6' 9"               | 6' 9"   | 8' 7"               | 8' 7"   | 10' 3"               | 10' 9"  | 13' 5"               | 14' 0"  |
|                                                |          | DFL   | STANDARD | 4' 2"        | 4' 2"  | 5' 10"              | 5' 10"  | 7' 8"               | 7' 8"   | 10' 3"               | 10' 4"  | 11' 11"              | 11' 11" |
|                                                |          | SP    | #1 / #2  | 4' 7"        | 4' 7"  | 8' 0"               | 8' 2"   | 9' 5"               | 9' 5"   | 11' 3"               | 11' 7"  | 14' 0"               | 14' 0"  |
| 12" O.C.                                       | 12" O.C. | HF    | #3       | 4' 6"        | 4' 6"  | 7' 8"               | 7' 8"   | 9' 5"               | 9' 5"   | 11' 3"               | 11' 3"  | 14' 0"               | 14' 0"  |
|                                                |          | SP    | STUD     | 4' 6"        | 4' 6"  | 7' 8"               | 7' 8"   | 9' 5"               | 9' 5"   | 11' 3"               | 11' 3"  | 14' 0"               | 14' 0"  |
|                                                |          | DFL   | STANDARD | 5' 1"        | 5' 1"  | 8' 0"               | 8' 7"   | 9' 5"               | 9' 5"   | 10' 2"               | 11' 3"  | 12' 1"               | 13' 6"  |
|                                                |          | SP    | #2       | 4' 11"       | 4' 11" | 8' 0"               | 8' 7"   | 9' 5"               | 9' 5"   | 10' 2"               | 11' 3"  | 12' 1"               | 13' 6"  |
| 12" O.C.                                       | 12" O.C. | DFL   | #3       | 4' 9"        | 4' 9"  | 7' 11"              | 7' 11"  | 9' 5"               | 9' 5"   | 11' 3"               | 11' 10" | 14' 0"               | 14' 0"  |
|                                                |          | SP    | STUD     | 4' 9"        | 4' 9"  | 7' 9"               | 7' 9"   | 9' 5"               | 9' 5"   | 11' 3"               | 11' 10" | 14' 0"               | 14' 0"  |
|                                                |          | DFL   | STANDARD | 4' 7"        | 4' 7"  | 6' 9"               | 6' 9"   | 8' 10"              | 8' 10"  | 11' 3"               | 11' 7"  | 13' 10"              | 13' 10" |
|                                                |          | SP    | STUD     | 4' 7"        | 4' 7"  | 6' 9"               | 6' 9"   | 8' 10"              | 8' 10"  | 11' 3"               | 11' 7"  | 13' 10"              | 13' 10" |

DIAGONAL BRACE OPTION:  
VERTICAL LENGTH MAY BE  
DOUBLED WHEN DIAGONAL  
BRACE IS USED. CONNECT  
DIAGONAL BRACE FOR 700#  
AT EACH END. MAX WEB  
TOTAL LENGTH IS 14'.

VERTICAL LENGTH SHOWN  
IN TABLE ABOVE.

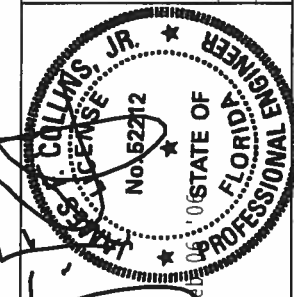
CONNECT DIAGONAL AT  
MIDPOINT OF VERTICAL WEB.



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

\*\*\*WARNING\*\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 983 DUNDROD DR., SUITE 200, MADISON, WI 53719) AND VTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PLATES AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

\*\*\*IMPORTANT\*\*\* FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W/H/S/K) GALV. STEEL. BRACKETS (6062-T3) SHALL BE USED TO BRACE THE TRUSS. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



|               |                   |
|---------------|-------------------|
| REF           | ASCE7-98-GABI1030 |
| DATE          | 11/26/03          |
| DRWG          | A11030EC1103      |
| -ENG          |                   |
| MAX. TOT. LD. | 60 PSF            |
| MAX. SPACING  | 24.0"             |

BRACING GROUP SPECIES AND GRADES:

GROUP A:

|                  |          |
|------------------|----------|
| SPRUCE-PINE-FIR  | HEM-FIR  |
| #1 / #2 STANDARD | #2 STUD  |
| #3               | STANDARD |

DOUGLAS FIR-LARCH

|          |          |
|----------|----------|
| #3       | STUD     |
| STANDARD | STANDARD |

SOUTHERN PINE

|          |          |
|----------|----------|
| #3       | STUD     |
| STANDARD | STANDARD |

GROUP B:

|             |                   |
|-------------|-------------------|
| HEM-FIR     | DOUGLAS FIR-LARCH |
| #1 & BTR #1 | #1                |
|             | #2                |

SOUTHERN PINE

|    |    |
|----|----|
| #1 | #2 |
|----|----|

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 100 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.

\* FOR (1) "L" BRACE: SPACE NAILS AT 2' O.C. IN 18" END ZONES AND 4' O.C. BETWEEN ZONES.

\*\* FOR (2) "L" BRACES: SPACE NAILS AT 3' O.C. IN 18" END ZONES AND 6' O.C. BETWEEN ZONES.

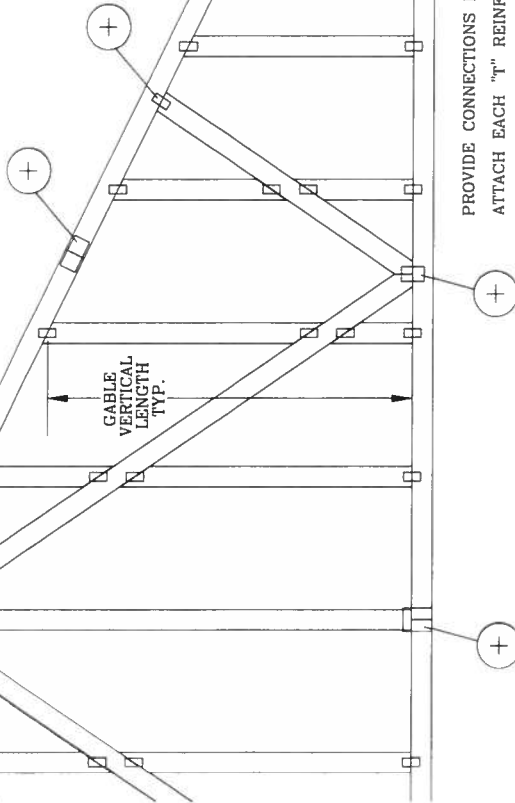
"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

|                                          |            |
|------------------------------------------|------------|
| VERTICAL LENGTH                          | NO SPLICE  |
| LESS THAN 4' 0"                          | 1X4 OR 2X3 |
| GREATER THAN 4' 0", BUT LESS THAN 11' 6" | 2X4        |
| GREATER THAN 11' 6"                      | 2.5X4      |

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.

SYM.  $\Phi$   
ABOUT



This diagram shows the elevation of a cable truss system. It features a horizontal cable truss supported by vertical reinforcing members. The system is anchored into a rigid sheathing at the top and bottom. Labels include: "RIGID SHEATHING" at the top, "CEILING" on the right, "4 TOENAILS" at the top and bottom connections, "TOENAILS SPACED AT 4" O.C." along the vertical members, "1" REINFORCING MEMBER" for the vertical supports, and "CABLE TRUSS" for the main horizontal structure.

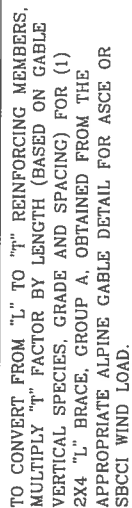
ASCE 7-93 CABLE DETAIL DRAWINGS  
A11015EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103  
A11030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103

ASCE 7-98 CABLE DETAIL DRAWINGS  
A13015EC1103, A12015EC1103, A11015EC1103, A10015EC1103, A09015EC1103  
A13030EC1103, A12030EC1103, A11030EC1103, A10030EC1103, A09030EC1103

ASCE 7-02 CABLE DETAIL DRAWINGS  
A13015EC0405, A12015EC0405, A11015EC0405, A10015EC0405, A09015EC0405  
A13030EC0405, A12030EC0405, A11030EC0405, A10030EC0405, A09030EC0405

\*\*\*WARNING\*\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND UNLOADING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHING BY ALPINE ENGINEERING, INC., 593 DUNDENN RD., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS MANUFACTURING PLATE INSTITUTE, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

\*\*\*IMPORTANT\*\*\* FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY INJURY OR PROPERTY DAMAGE TO THE BUILDING OR TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & UNLOADING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/S/K) ASTM A653 GRADE 40/46 (W/H/S/K) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE SPECIFIED IN THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE IN ACCORDANCE WITH ANNEX A3 OF DISC 1-2002 SEC. 3.1. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE PROFESSIONAL ENGINEER'S REVIEW OF THE TRUSS DESIGN. THE DESIGN SHOWN IS THE BUILDING CONTRACTOR'S RESPONSIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING CONTRACTOR. PER ANSI/TPI 1 SEC. 2.



MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD

## WEB LENGTH INCREASE W/ "T" BRACE

| WIND SPEED<br>AND MRH | "J" REINF.<br>MBR. SIZE | SBCCI | ASCE |
|-----------------------|-------------------------|-------|------|
| 110 MPH               | 2x4                     | 10 %  | 10 % |
| 15 FT                 | 2x6                     | 40 %  | 50 % |
| 110 MPH               | 2x4                     | 10 %  | 10 % |
| 30 FT                 | 2x6                     | 50 %  | 50 % |
| 100 MPH               | 2x4                     | 10 %  | 10 % |
| 15 FT                 | 2x6                     | 30 %  | 50 % |
| 100 MPH               | 2x4                     | 10 %  | 10 % |
| 30 FT                 | 2x6                     | 40 %  | 40 % |
| 90 MPH                | 2x4                     | 20 %  | 10 % |
| 15 FT                 | 2x6                     | 20 %  | 40 % |
| 90 MPH                | 2x4                     | 10 %  | 10 % |
| 30 FT                 | 2x6                     | 30 %  | 50 % |
| 80 MPH                | 2x4                     | 10 %  | 20 % |
| 15 FT                 | 2x6                     | 10 %  | 30 % |
| 80 MPH                | 2x4                     | 20 %  | 10 % |
| 30 FT                 | 2x6                     | 20 %  | 40 % |
| 70 MPH                | 2x4                     | 0 %   | 20 % |
| 15 FT                 | 2x6                     | 0 %   | 20 % |
| 70 MPH                | 2x4                     | 10 %  | 20 % |
| 30 FT                 | 2x6                     | 10 %  | 30 % |

### EXAMPLE 1.1.

ASCE WIND SPEED = 100 MPH  
MEAN ROOF HEIGHT = 30 FT  
GABLE VERTICAL = 24" O.C. SP #3  
"1" REINFORCING MEMBER SIZE = 2X4  
"1" BRACE INCREASE (FROM ABOVE) = 10% = 1.10  
(1) 2X4 "L" BRACE LENGTH = 6' 7"  
MAXIMUM "1" REINFORCED GABLE VERTICAL LENGTH  
1.10 x 6' 7" = 7' 3"

ACES DRAWINGS GAB98117 876,719 & HC26294035

|                     |                   |
|---------------------|-------------------|
| MAX TOT. LD. 60 PSF | REF LET-IN VERT   |
| DUR. FAC. ANY       | DATE 04/14/05     |
| MAX SPACING 24.0"   | DRWG GBLLETIN0405 |
|                     | -ENG DLJ/KAR      |



ALPINE ENGINEERED PRODUCTS, INC.  
POMPAHO BEACH, FLORIDA

# CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

## NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

| WEB MEMBER SIZE | SPECIFIED CLB BRACING | T OR L-BRACE | ALTERNATIVE BRACING SCAB BRACE |
|-----------------|-----------------------|--------------|--------------------------------|
| 2X3 OR 2X4      | 1 ROW                 | 2X4          | 1-2X4                          |
| 2X3 OR 2X4      | 2 ROWS                | 2X6          | 2-2X4                          |
| 2X6             | 1 ROW                 | 2X4          | 1-2X6                          |
| 2X6             | 2 ROWS                | 2X6          | 2-2X4(*)                       |
| 2X8             | 1 ROW                 | 2X6          | 1-2X8                          |
| 2X8             | 2 ROWS                | 2X6          | 2-2X6(*)                       |

T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

(\*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

T-BRACING

OR

L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE  
ATTACH WITH 16d NAILS AT 6" O.C.  
BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH

T-BRACE  
OR  
L-BRACE

T-BRACE L-BRACE

SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.  
NO MORE THAN (1) SCAB PER FACE.  
ATTACH WITH 10d OR .128"x3" GUN NAILS AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH

SCAB BRACE

\*\*\*WARNING\*\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 993 JONDORF DR., SUITE 200, MADISON, WI 53719) AND VTCA (WOOD TRUSS COUNCIL, 1000 W. 10TH AVE., SUITE 100, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, ALL TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

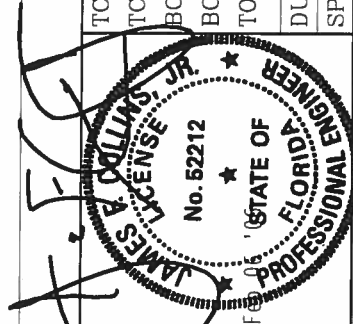
\*\*\*IMPORTANT\*\*\* FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/S/K) ASTM A653 GRADE 50. THIS DESIGN PROVISIONS APPLY TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED BY PER ANNEX A3 OF TPI 1-2002 SEC. 3.3, ALL TRUSSES SHALL BE SEALED ON THE TOP AND BOTTOM OF THE TRUSS. THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN, THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

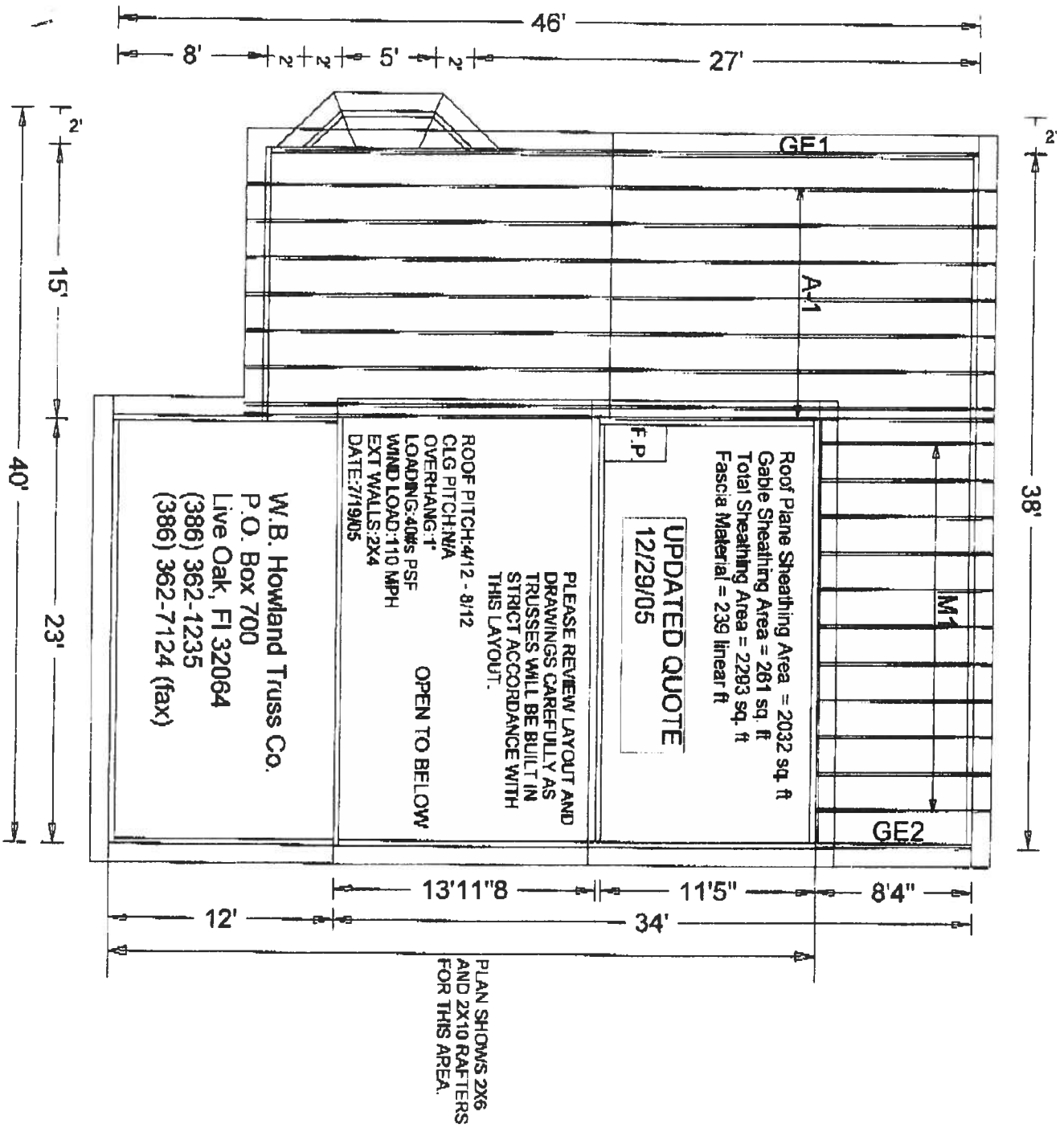


ALPINE ENGINEERED PRODUCTS, INC.  
POMPAHO BEACH, FLORIDA

THIS DRAWING REPLACES DRAWING 579.640

|           |     |      |              |
|-----------|-----|------|--------------|
| TC LL     | PSF | REF  | CLB SUBST.   |
| TC DL     | PSF | DATE | 11/26/03     |
| BC DL     | PSF | DRWG | BRCLBSUB1103 |
| BC LL     | PSF | ENG  | MLH/KAR      |
| TOT. LD.  | PSF |      |              |
| DUR. FAC. |     |      |              |
| SPACING   |     |      |              |





THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

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ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE.  
FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE  
BRACING.

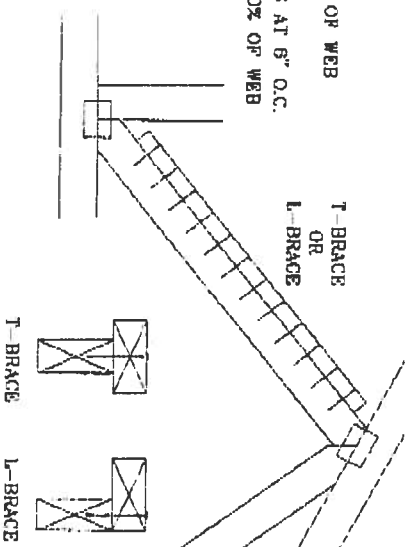
| WEB MEMBER SIZE | SPECIFIED CLIP BRACING | T OR L-BRACE | ALTERNATIVE BRACING | SCAB BRACE |
|-----------------|------------------------|--------------|---------------------|------------|
| 2X3 OR 2X4      | 1 ROW                  | 2X4          | 1-2X4               |            |
| 2X3 OR 2X4      | 2 ROWS                 | 2X6          | 2-2X4               |            |
| 2X6             | 1 ROW                  | 2X4          | 1-2X6               |            |
| 2X6             | 2 ROWS                 | 2X6          | 2-2X4(*)            |            |
| 2X8             | 1 ROW                  | 2X6          | 1-2X8               |            |
| 2X8             | 2 ROWS                 | 2X6          | 2-2X6(*)            |            |

T-BRACE, I-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE, ON ENGINEERS SEALED DESIGN.

CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH  
FACE OF WEB.

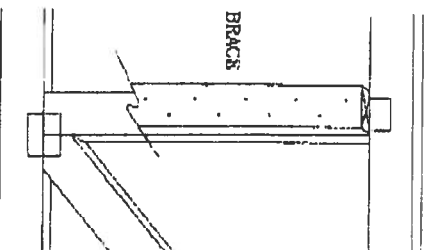
T-BRACING  
OR  
L-BRACING

APPLY TO EITHER SIDE OF WEB  
NARROW FACE  
ATTACH WITH 16d NAILS AT 6" O.C.  
BRACE IS A MINIMUM 80% OF WEB  
MEMBER LENGTH



## SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.  
NO MORE THAN (1) SCAB PER FACE.  
ATTACH WITH 10D OR 12S"x3" GUN  
NAILS AT 6" O.C. BRACE IS A MINIMUM  
30% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING: 579,640

**ALPINE**

1  
JAGINE  
PANO  
EACH, FLORIDA  
EED PRODUCTS, INC.

ANALYSIS OF THE DESIGNER'S CHOICE OF THE TYPE OF CONNECTION BETWEEN THE TRUSS AND RIBS. THE DESIGNER'S CHOICE OF THE TYPE OF CONNECTION BETWEEN THE TRUSS AND RIBS IS THE RESPONSIBILITY OF THE DESIGNER. THE DESIGNER'S CHOICE OF THE TYPE OF CONNECTION BETWEEN THE TRUSS AND RIBS IS THE RESPONSIBILITY OF THE DESIGNER. THE DESIGNER'S CHOICE OF THE TYPE OF CONNECTION BETWEEN THE TRUSS AND RIBS IS THE RESPONSIBILITY OF THE DESIGNER.

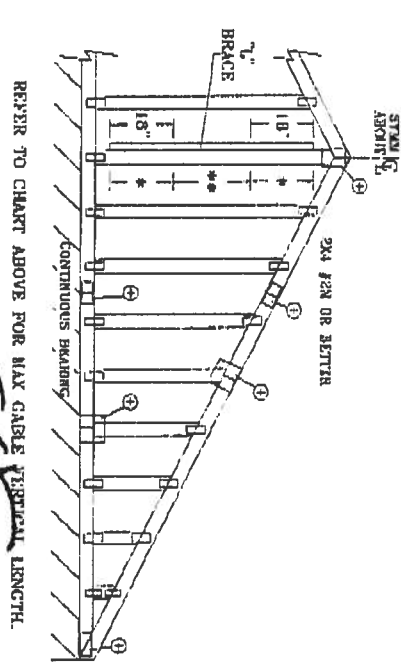
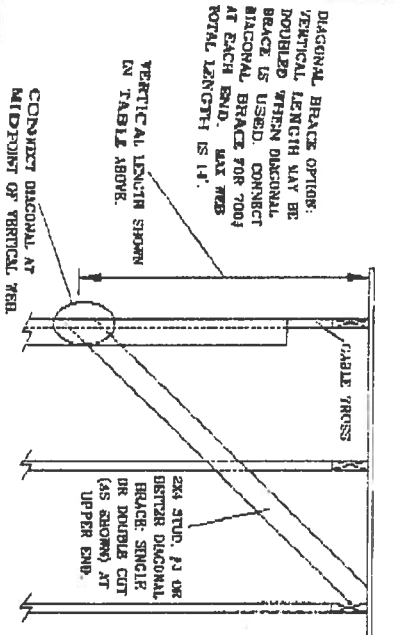


|           |     |      |              |        |
|-----------|-----|------|--------------|--------|
| TC LL     | PSF | REP  | CMD          | SUBST. |
| TC DL     | PSF | DATE | 11/26/03     |        |
| BC DL     | PSF | DRWG | HRCLBSUBM103 |        |
| BC LL     | PSF | -ENG | MUH/KAR      |        |
| TOT. LD.  | PSF |      |              |        |
| DUR. FAC. |     |      |              |        |
| SPACING   |     |      |              |        |



ASCE 7-98: 110 MPH WIND SPEED, 30' MEAN HEIGHT, ENCLOSED, 1 = 1.00, EXPOSURE C

| MAX GABLE VERTICAL LENGTH |          |           |          |        |          |       |          |       |                                  |
|---------------------------|----------|-----------|----------|--------|----------|-------|----------|-------|----------------------------------|
| CABLE SPECIES             | GRADE    | BRACE NO. | 12" O.C. |        | 16" O.C. |       | 24" O.C. |       | 24" CABLE VERTICAL BRACE SPECIES |
|                           |          |           | SPF      | DFL    | SPF      | DFL   | SPF      | DFL   |                                  |
| SPF                       | #1 / #2  | 3' 8"     | 6' 4"    | 6' 6"  | 7' 6"    | 7' 8" | 8' 6"    | 8' 8" | GROUP A                          |
|                           | #3       | 3' 7"     | 5' 5"    | 5' 6"  | 6' 5"    | 6' 7" | 7' 2"    | 7' 3" | GROUP B                          |
|                           | STUD     | 3' 7"     | 5' 5"    | 5' 6"  | 6' 5"    | 6' 7" | 7' 1"    | 7' 1" | GROUP A                          |
|                           | STANDARD | 3' 7"     | 5' 5"    | 5' 6"  | 6' 5"    | 6' 7" | 7' 1"    | 7' 1" | GROUP B                          |
| HF                        | #1       | 4' 0"     | 6' 4"    | 6' 10" | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP A                          |
|                           | #2       | 3' 11"    | 6' 4"    | 6' 10" | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP B                          |
|                           | #3       | 3' 9"     | 5' 6"    | 5' 6"  | 6' 3"    | 6' 3" | 7' 3"    | 7' 3" | GROUP A                          |
|                           | STANDARD | 3' 8"     | 4' 9"    | 4' 9"  | 5' 6"    | 5' 6" | 6' 3"    | 6' 3" | GROUP B                          |
| DFL                       | #1 / #2  | 4' 2"     | 7' 3"    | 7' 3"  | 8' 0"    | 8' 0" | 8' 7"    | 8' 7" | GROUP A                          |
|                           | #3       | 4' 1"     | 6' 0"    | 6' 0"  | 6' 7"    | 6' 7" | 7' 3"    | 7' 3" | GROUP B                          |
|                           | STUD     | 4' 1"     | 6' 0"    | 6' 0"  | 6' 7"    | 6' 7" | 7' 3"    | 7' 3" | GROUP A                          |
|                           | STANDARD | 4' 1"     | 6' 0"    | 6' 0"  | 6' 7"    | 6' 7" | 7' 3"    | 7' 3" | GROUP B                          |
| SPF                       | #1       | 4' 6"     | 7' 3"    | 7' 3"  | 8' 0"    | 8' 0" | 8' 7"    | 8' 7" | GROUP A                          |
|                           | #2       | 4' 4"     | 6' 10"   | 6' 10" | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP B                          |
|                           | #3       | 4' 4"     | 6' 10"   | 6' 10" | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP A                          |
|                           | STUD     | 4' 4"     | 6' 10"   | 6' 10" | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP B                          |
| DFL                       | #1       | 4' 6"     | 7' 3"    | 7' 3"  | 8' 0"    | 8' 0" | 8' 7"    | 8' 7" | GROUP A                          |
|                           | #2       | 4' 4"     | 6' 10"   | 6' 10" | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP B                          |
|                           | #3       | 4' 4"     | 6' 10"   | 6' 10" | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP A                          |
|                           | STUD     | 4' 4"     | 6' 10"   | 6' 10" | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP B                          |
| SPF                       | #1 / #2  | 4' 7"     | 8' 0"    | 8' 0"  | 8' 7"    | 8' 7" | 9' 3"    | 9' 3" | GROUP A                          |
|                           | #3       | 4' 6"     | 7' 0"    | 7' 0"  | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP B                          |
|                           | STUD     | 4' 6"     | 7' 0"    | 7' 0"  | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP A                          |
|                           | STANDARD | 4' 6"     | 7' 0"    | 7' 0"  | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP B                          |
| HF                        | #1       | 5' 1"     | 8' 0"    | 8' 0"  | 8' 7"    | 8' 7" | 9' 3"    | 9' 3" | GROUP A                          |
|                           | #2       | 4' 11"    | 8' 0"    | 8' 0"  | 8' 7"    | 8' 7" | 9' 3"    | 9' 3" | GROUP B                          |
|                           | #3       | 4' 11"    | 8' 0"    | 8' 0"  | 8' 7"    | 8' 7" | 9' 3"    | 9' 3" | GROUP A                          |
|                           | STUD     | 4' 11"    | 8' 0"    | 8' 0"  | 8' 7"    | 8' 7" | 9' 3"    | 9' 3" | GROUP B                          |
| DFL                       | #1       | 4' 6"     | 7' 3"    | 7' 3"  | 8' 0"    | 8' 0" | 8' 7"    | 8' 7" | GROUP A                          |
|                           | #2       | 4' 4"     | 6' 10"   | 6' 10" | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP B                          |
|                           | #3       | 4' 4"     | 6' 10"   | 6' 10" | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP A                          |
|                           | STUD     | 4' 4"     | 6' 10"   | 6' 10" | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP B                          |
| SPF                       | #1 / #2  | 4' 7"     | 8' 0"    | 8' 0"  | 8' 7"    | 8' 7" | 9' 3"    | 9' 3" | GROUP A                          |
|                           | #3       | 4' 6"     | 7' 0"    | 7' 0"  | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP B                          |
|                           | STUD     | 4' 6"     | 7' 0"    | 7' 0"  | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP A                          |
|                           | STANDARD | 4' 6"     | 7' 0"    | 7' 0"  | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP B                          |
| HF                        | #1       | 5' 1"     | 8' 0"    | 8' 0"  | 8' 7"    | 8' 7" | 9' 3"    | 9' 3" | GROUP A                          |
|                           | #2       | 4' 11"    | 8' 0"    | 8' 0"  | 8' 7"    | 8' 7" | 9' 3"    | 9' 3" | GROUP B                          |
|                           | #3       | 4' 11"    | 8' 0"    | 8' 0"  | 8' 7"    | 8' 7" | 9' 3"    | 9' 3" | GROUP A                          |
|                           | STUD     | 4' 11"    | 8' 0"    | 8' 0"  | 8' 7"    | 8' 7" | 9' 3"    | 9' 3" | GROUP B                          |
| DFL                       | #1       | 4' 6"     | 7' 3"    | 7' 3"  | 8' 0"    | 8' 0" | 8' 7"    | 8' 7" | GROUP A                          |
|                           | #2       | 4' 4"     | 6' 10"   | 6' 10" | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP B                          |
|                           | #3       | 4' 4"     | 6' 10"   | 6' 10" | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP A                          |
|                           | STUD     | 4' 4"     | 6' 10"   | 6' 10" | 7' 6"    | 7' 6" | 8' 1"    | 8' 1" | GROUP B                          |



| BRACING GROUP SPECIES AND GRADES: |          |               |          |
|-----------------------------------|----------|---------------|----------|
| GROUP A                           |          | GROUP B       |          |
| SPRUC-FIR FIB                     | HEM-FIR  | SPRUC-FIR FIB | HEM-FIR  |
| #1 / #2                           | #3       | #1 / #2       | #3       |
| STUD                              | STUD     | STUD          | STUD     |
| STANDARD                          | STANDARD | STANDARD      | STANDARD |

**GABLE TRUSS DETAIL NOTES:**

LIVE LOAD DEFLECTION CRITERIA IS L/240

STORMWATER DRAIN CONNECTIONS FOR ISO PLF OR OTHER CONTINUOUS BRACING (A PSF TO DEAD LOAD).

CABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG OR 16" PLINCOID OVERHANG.

ATTACH EACH "C" BRACE WITH 104 NAILS.

\* FOR (1) "C" BRACE: BRACE NAILS AT 2' 0" IN 16' END ZONES AND 4' 0" BETWEEN ZONES.

\*\* FOR (2) "C" BRACE: BRACE NAILS AT 3' 0" IN 16' END ZONES AND 6' 0" BETWEEN ZONES.

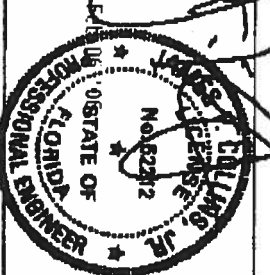
"C" BRACING MUST BE A MINIMUM OF 20% OF TRUSS MEMBER LENGTH.

| CABLE VERTICAL PLATE SIZES              |            |
|-----------------------------------------|------------|
| VERTICAL LENGTH                         | NO SPILL   |
| LESS THAN 4' 0"                         | 1X4 OR 2X3 |
| GREATER THAN 4' 0" BUT LESS THAN 11' 6" | 2X4        |
| GREATER THAN 11' 6"                     | 2X6        |

\* REFER TO COMMON TRUSS DESIGN FOR PEAK SPICES AND HEBB PLATES



ALPINE ENGINEER RED PRODUCTS, INC.  
POMPANNO BEACH, FLORIDA



MAX. TOT. LD. 60 PSF

MAX. SPACING 24' 0"

REF: ASCE 7-98 (C-1) 1030

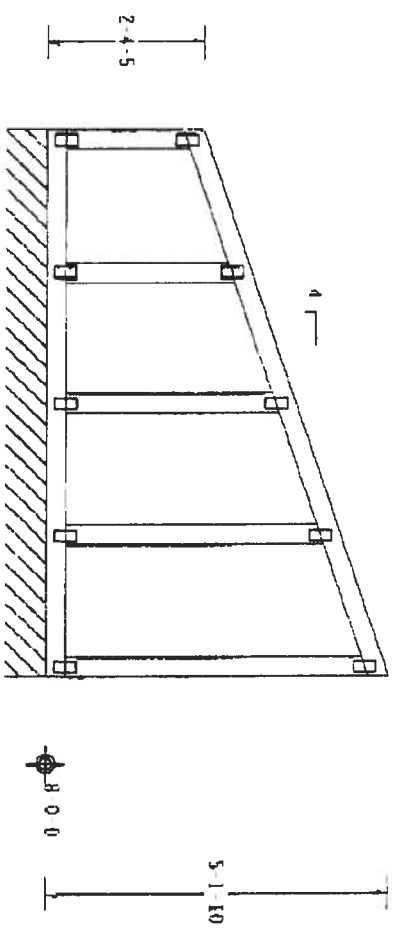
DATE: 11/26/03

DRWG: A11030DEC1103

ENG:



THE JOB ENGINEER OR BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE JOB ENGINEER OR BUILDING DESIGNER.



110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, Exp B, wind IC DL-5.0 psf, wind BC DL-5.0 psf.

See DWGS A11030EC1103 & G8LLETT100405 for more requirements.

Deflection meets L/240 live and L/180 total load.

Fasten rated sheathing to one face of this frame.

ote: A17 P Jates Are 2x4 Except As Shown.

8-4-0 Over Continuous Support

И Т Р П. W a v e I P I

**Design Crit: TPI-1995(STD)**

7. 11. 0116

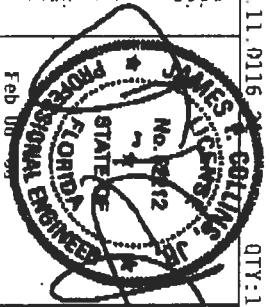
QTY:1

FL-151-KF.

Scale = .375" / ft.

ALP I Z

The Engineered Products, Inc.  
 850 Hartford Drive  
 Hous. City, Ft. 1344  
 Certificate of Authority # 567

[illegible]

|           |          |        |                   |
|-----------|----------|--------|-------------------|
| TC LL     | 20.0 PSF | REF    | R215-- 35897      |
| TC DL     | 10.0 PSF | DATE   | 02/06/06          |
| BC DL     | 10.0 PSF | DRN    | HCU8R215 06037003 |
| BC LL     | 0.0 PSF  | HC-ENG | RA/HRK            |
| TOT. LD.  | 40.0 PSF | SEON-  | 54624             |
| DUR. FAC. | 1.25     | FROM   | LRB               |
| SPACING   | 24.0"    | JREF-  | 15UF215_Z01       |

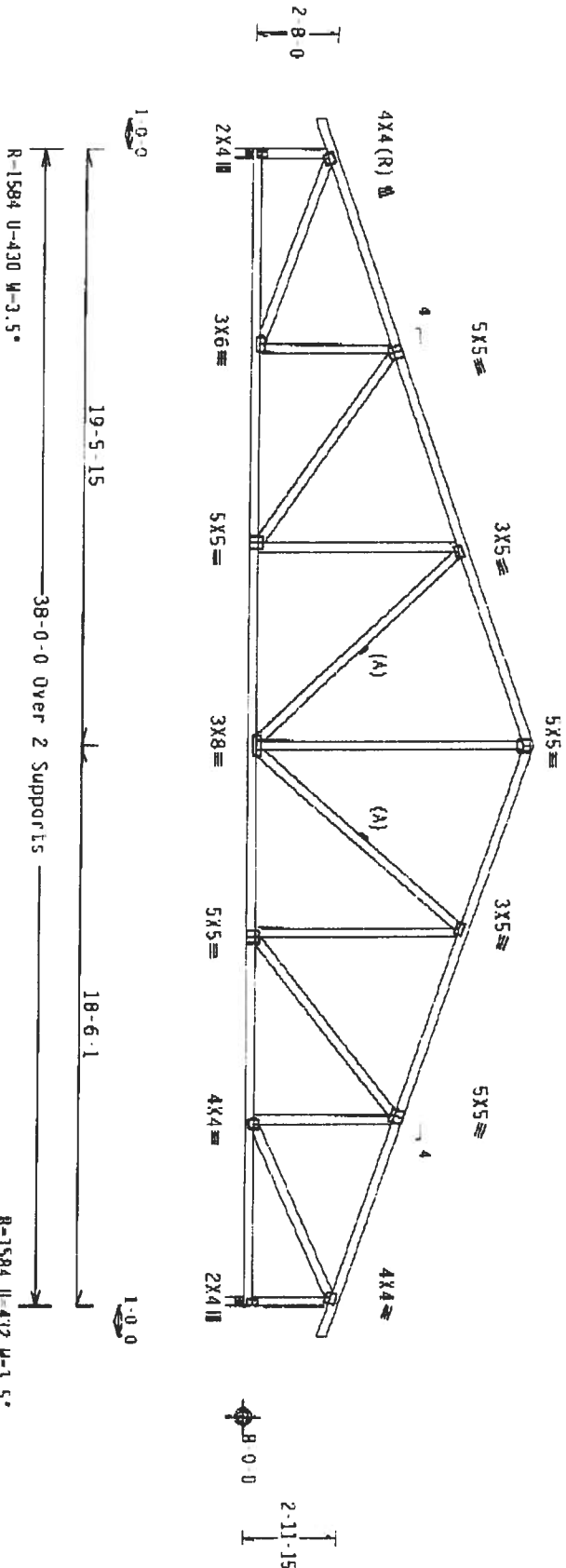
|           |     |    |    |       |
|-----------|-----|----|----|-------|
| Top chord | 2x4 | SP | #2 | Dense |
| Bot chord | 2x4 | SP | #2 | Dense |
| webs      | 2x4 | SP | #2 | Dense |

110 mph wind, 30.00 ft mean hgt. ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge. Cat II, exp B, wind IC DA=5.0 psf, wind BC DE=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 9-2-0.

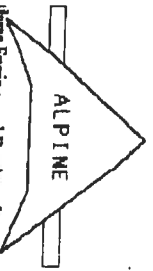


Design Crit: TPI 1995(STD)

7.11.0116 ~~23~~

QTY:6 FL/15/1-R/

Scale = 1.875" / ft.



**Whipac Engineering Products, Inc.**  
1950 Marley Drive  
Haines City, FL 34441  
FL Certificate of Authorization # 567

[illegible]

|          |          |               |                   |
|----------|----------|---------------|-------------------|
| TC LL    | 20.0 PSF | REF           | R215-- 35896      |
| TC DL    | 10.0 PSF | DATE          | 02/06/96          |
| BC DL    | 10.0 PSF | DRW           | HCUSR215 06037001 |
| BC LL    | 0.0 PSF  | HC-ENG RA/HRK | *                 |
| TOT.LD.  | 40.0 PSF | SEQ#          | 54619             |
| DUR.FAC. | 1.25     | FROM          | LRB               |
| SPACING  | 24.0"    | REF           | 1506215 201       |

Log Chord 2x4 SP #2 Dense  
Boj Chord 2x4 SP #2 Dense  
Web 2x4 SP #2 Dense

End verticals not exposed to wind pressure.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Plates sized for a minimum of 3.00 sq. in. / piece.

The overall height of this truss excluding overhang is 8' 10"-4."

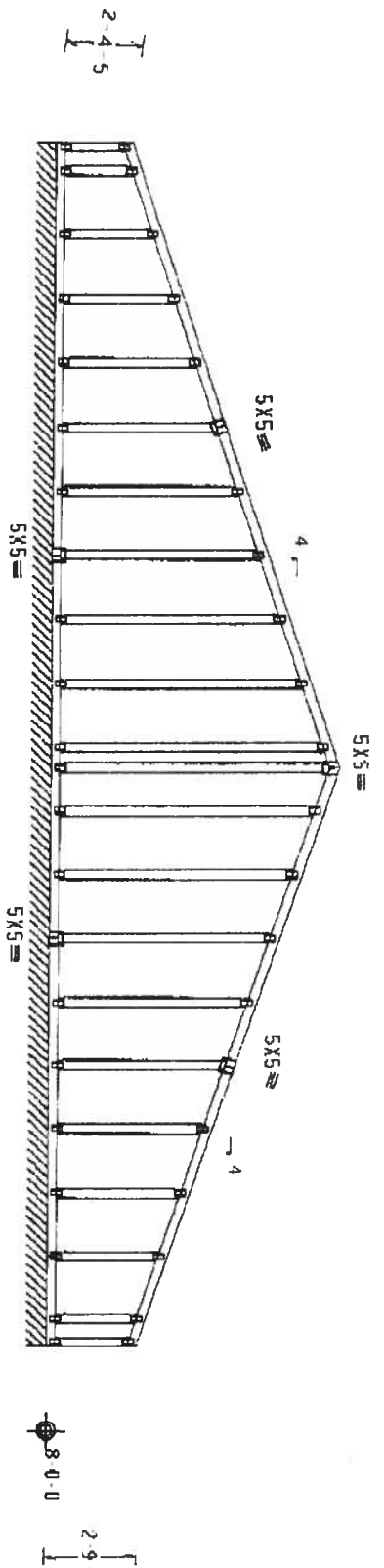
THE JOB ENGINEER OR BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE JOB ENGINEER OR BUILDING DESIGNER.

110 mph wind, 30.00 ft. mean hgt., ASCE 7-98, closed bldg. not located within 4.50 ft. from roof edge, CAT II, Exp B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

See DWS A11030EC1103 & GBLLE11N0405 for more requirements.

Deflection meets L/240 live and L/180 total load.

Fasten rated sheathing to one face of this frame.



R-80 PLF II-22 PLF W-37 8 8  
37 8 8 Over Continuous Support  
19'-5"-15  
18'-2"-9

AT1 Plates Are 2x4 Except As Shown.  
TYP. Wave TPI

Design Crit: TPI 1995(Std)

7.11.0119

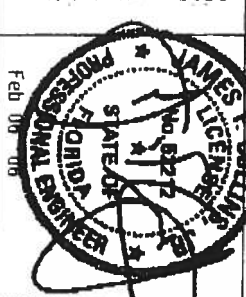
QTY: 1 FL / 15' / 1' / R /

Scale = 1/8" = 1'-0"

ALPINE

Sealed Products, Inc.  
City, FL 3344  
of a building

ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED. THE DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE JOB ENGINEER OR BUILDING DESIGNER.



| TC LL     | 20.0 PSF | REF R215-- 35895     |
|-----------|----------|----------------------|
| TC DI     | 10.0 PSF | DATE 02/06/06        |
| BC DL     | 10.0 PSF | DRW HCUR215 06037002 |
| BC LL     | 0.0 PSF  | HC ENG RA/WHK        |
| TOT. LD.  | 40.0 PSF | SECON- 54013         |
| DUR. FAC. | 1.25     | FROM LRB             |
| SPACING   | 24.0"    | JREF- 1SUF215 201    |



Engineers • Planners

161 N.W. Madison St., Suite 102  
Lake City, Florida 32055  
Tel: 386-758-4209  
Fax: 386-758-4290

Thursday, February 16, 2006

Columbia County Building Dept.  
Lake City, FL. 32055

RE: Deborah Wright residence

To Whom It May Concern:

I have reviewed the truss plans and have determined the necessary strap required shall be a Simpson H10 with 8-8d x 1 1/2" nails to truss and 8-8d x 1 1/2" nails to top plate. If you have any questions, please call me at (386) 758-4209.

Sincerely,

William H. Freeman, P.E.  
President  
Certificate of Authorization # 00008701

## COLUMBIA COUNTY BUILDING DEPARTMENT

### RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001

#### ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS LISTED ARE SUBJECT TO CHANGE

EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INCLUDE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 SECTION 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND TWO-FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: U.S. HIGHWAY 41 FROM COLUMBIA COUNTY'S NORTHERN BOUNDARY TO THE INTERSECTION OF MYRTIS ROAD, FOLLOW MYRTIS ROAD, EAST TO THE INTERSECTION OF C.R. 245, FOLLOW C.R. 245 SOUTH TO THE SOUTHERN BOUNDARY OF COLUMBIA COUNTY.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH  
ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ----- 110 MPH
2. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

#### GENERAL REQUIREMENTS: Two (2) complete set of plans containing the following:

| Applicant                           | Plans Examiner           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | All drawings must be clear, concise and drawn to scale("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Designer's name and signature on document(FBC 104.2.1) If licensed architect or engineer, official seal shall be affixed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <input type="checkbox"/>            | <input type="checkbox"/> | <u>Site Plan including:</u><br>a) Dimensions of lot<br>b) Dimensions of building setbacks<br>c) Location of all other buildings on lot , well and septic tank if applicable, and all utility easements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | d) Provide a full legal description of property<br><u>Wind-load Engineering Summary, calculations and any details required</u><br>a) Plans or specifications must state compliance with FBC Section 1606<br>b) The following information must be shown as per section 1606.1.7 FBC<br>a. Basic wind speed (MPH)<br>b. Wind importance factor (I) and building category<br>c. Wind exposure - if more than one wind exposure is used , the wind exposure and applicable wind direction shall be indicated<br>d. The applicable internal pressure coefficient<br>e. Components and Cladding. The design wind pressure in terms of psf (kN/m <sup>2</sup> ), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Elevations including:</u><br>a) All Sides                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b) Roof pitch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | c) Overhang dimensions and detail with attic ventilation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

☐  
☐

- d) Location, size and height above roof of chimneys
- e) Location and size of skylights
- d) Building height
- e) Number of stories

**Floor Plan including:**

☐  
☐  
☐

- a) Rooms labeled and dimensioned
- b) Shear walls
- c) Windows and Doors(including garage doors) showing size, mfg, approval listing and attachment specs. (FBC1707) and safety glazing where needed (egress windows in bedrooms to be shown)

☐

- d) Fireplaces (gas appliance(vented or non-vented) or wood burning with hearth

☐

- e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails

☐

- f) Must show and identify accessibility requirements ( accessible bathroom )

☐

**Foundation Plan including:**

☐

- a) Location of all load bearing walls with required footings indicated as standard or monolithic and their dimensions and reinforcing

☐

- b) All posts and/or column footing including size and reinforcing

☐

- c) Any special support required by soil analysis such as piling

☐

- d) Location of any vertical steel

☐

**Roof System**

- a) Truss package including:

1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating )

☐

- b) Conventional Framing Layout including

1. Rafter size, species and spacing
2. Attachment to wall and uplift
3. Ridge Beam sized and valley framing and support details
4. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

☐

**Wall Sections including:**

- a) Masonry wall

1. All materials making up wall
2. Block size and mortar type with size and spacing of reinforcement
3. Lintel, tie-beam sizes and reinforcement
4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
7. Fire resistant construction ( if required )
8. Fireproofing requirements
9. Show type of termite treatment (termiteicide or alternative method)
10. Slab on grade
  - a. Vapor retarder (6 mil. polyethylene with joints lapped 6 inches and sealed )
  - b. Must show control joints, synthetic fiber reinforcement or

welded wire fabric reinforcement and supports

11. Indicate where pressure-treated wood will be placed

12. Provide insulation R value for the following:

a. Attic space

b. Exterior wall cavity

c. Crawl space (if applicable)

b) Wood Frame wall

1. All materials making up wall

2. Size and species of studs

3. Sheathing size, type and nailing schedule

4. Headers sized

5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail

6. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)

7. Roof assembly shown here or on roof system detail (FBC 104.2.1

Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

8. Fire resistant construction ( if required )

9. Fireproofing requirements

10. Show type of termite treatment (termiteicide or alternative method)

11. Slab on grade

a. Vapor retarder ( 6 mil polyethylene with joints lapped 6 inches and sealed )

b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports

12. Indicate where pressure treated wood will be placed

13. Provide insulation R value for the following:

a. Attic space

b. Exterior wall cavity

c. Crawl space (if applicable)

c) Metal Frame wall and roof (Designed, signed and sealed by Fl. Reg. Prof. Engineer or Architect)

**Floor Framing System**

a) Floor truss package including layout and details signed and sealed by Fl. Reg. P.E.

b) Floor joist size and spacing

c) Girder size and spacing

d) Attachment of joist to girder

e) Wind load requirements where applicable

**Plumbing Fixture layout**

**Electrical layout including:**

a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified

b) Ceiling fans

c) Smoke detectors

d) Service panel and sub-panel size and location(s)

e) Meter location with type of service entrance (overhead or underground)

f) Appliances and HVAC equipment

**HVAC information**

a) Manual J sizing equipment or equivalent computation

b) Exhaust fans in bathrooms

☒  
☒

☐  
☐

**Energy Calculations** (dimensions shall match plans)

**Gas System** Type (LP or Natural) Location and BTU demand of equipment

**Disclosure Statement for Owner Builders**

**Notice of Commencement**

**Private Potable Water**

a) Size of pump motor

b) Size of pressure tank

c) Cycle Stop Valve if used

**THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS:**

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential construction project.

2. **Parcel Number:** The parcel number ( Tax ID number ) from the Property Appraiser (386-758-1084) is required. A copy of property deed is also requested.

3. **Enviromental Health Permit or Sewer Tap Approval:** A copy of the Enviromental Health permit, existing septic approval or sewer tap approval is required. (386) 758-1058

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

5. **Flood Information:** All,projects within the Floodway of the Suwanne or Santa Fe Rivers shall requie permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project that is located within a flood zone where the base flood elevation ( 100 year flood) has not been established shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED**

**FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**

A development permit will also be required (\$10.00).

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit must be made (\$5.00). If applicant feels that a culvert is not needed then they may apply for a culvert waiver (\$25.00). The waiver is either approved or denied by the Columbia County Public Works Department.

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



# Project Summary Entire House Glenn I. Jones, Inc.

Job:  
Date: Aug 09, 2005  
By: gijr

552 NW Hilton Ave., Lake City, FL 32055 Phone: 386-752-5369 Fax: 386-755-3401 Email: glenn@bizessur.com Web: glennjonesinc.com

## Project Information

For: Debra Wright

Notes: DuPre Construction

## Design Information

Weather: Gainesville, FL, US

### Winter Design Conditions

|            |       |
|------------|-------|
| Outside db | 33 °F |
| Inside db  | 70 °F |
| Design TD  | 37 °F |

### Summer Design Conditions

|                     |          |
|---------------------|----------|
| Outside db          | 92 °F    |
| Inside db           | 75 °F    |
| Design TD           | 17 °F    |
| Daily range         | M        |
| Relative humidity   | 50 %     |
| Moisture difference | 52 gr/lb |

### Heating Summary

|                      |            |
|----------------------|------------|
| Structure            | 25586 Btuh |
| Ducts                | 1279 cfm   |
| Central vent (0 cfm) | 0 Btuh     |
| Humidification       | 0 Btuh     |
| Piping               | 0 Btuh     |
| Equipment load       | 26865 Btuh |

### Sensible Cooling Equipment Load Sizing

|                      |            |
|----------------------|------------|
| Structure            | 19028 Btuh |
| Ducts                | 1903 Btuh  |
| Central vent (0 cfm) | 0 Btuh     |
| Blower               | 0 Btuh     |

### Infiltration

|                      |            |
|----------------------|------------|
| Method               | Simplified |
| Construction quality | Average    |
| Fireplaces           | 0          |

|                  |         |         |
|------------------|---------|---------|
|                  | Heating | Cooling |
| Area (ft²)       | 1630    | 1630    |
| Volume (ft³)     | 16297   | 16297   |
| Air changes/hour | 0.80    | 0.40    |
| Equiv. AVF (cfm) | 217     | 109     |

|                         |            |
|-------------------------|------------|
| Use manufacturer's data | n          |
| Rate/swing multiplier   | 0.97       |
| Equipment sensible load | 20303 Btuh |

### Latent Cooling Equipment Load Sizing

|                       |           |
|-----------------------|-----------|
| Structure             | 5189 Btuh |
| Ducts                 | 0 Btuh    |
| Central vent (0 cfm)  | 0 Btuh    |
| Equipment latent load | 5189 Btuh |

|                                 |            |
|---------------------------------|------------|
| Equipment total load            | 25491 Btuh |
| Req. total capacity at 0.70 SHR | 2.4 ton    |

### Heating Equipment Summary

|       |                   |
|-------|-------------------|
| Make  | Carrier           |
| Trade | WeatherMate 38EYG |
| Model | 38EYG03630        |

|                  |                   |
|------------------|-------------------|
| Efficiency       | 7.8 HSPF          |
| Heating input    |                   |
| Heating output   | 37000 Btuh @ 47°F |
| Temperature rise | 30 °F             |
| Actual air flow  | 1133 cfm          |
| Air flow factor  | 0.042 cfm/Btuh    |
| Static pressure  | 0.50 in H2O       |
| Space thermostat |                   |

### Cooling Equipment Summary

|       |                   |
|-------|-------------------|
| Make  | Carrier           |
| Trade | WeatherMate 38EYG |
| Cond  | 38EYG03630        |
| Coil  | FX4BNF036         |

|                          |                |
|--------------------------|----------------|
| Efficiency               | 12 SEER        |
| Sensible cooling         | 23800 Btuh     |
| Latent cooling           | 10200 Btuh     |
| Total cooling            | 34000 Btuh     |
| Actual air flow          | 1133 cfm       |
| Air flow factor          | 0.054 cfm/Btuh |
| Static pressure          | 0.50 in H2O    |
| Load sensible heat ratio | 0.80           |

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.



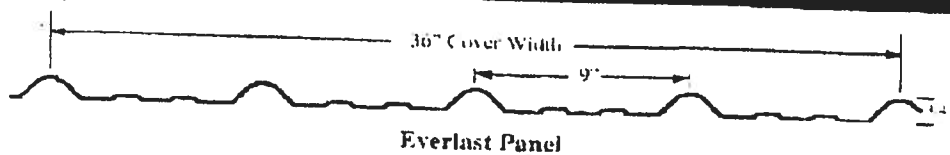
Everlast  
Roofing, Inc.

# Application Guide

239 North 5th Avenue  
Laharion, PA 17046  
717-270-6554 Fax 717-270-6569

## Everlast II

5/8"



### Slope or Pitch

Everlast roofing recommends you have a 3/12 pitch or greater. If you decide to apply panels on a lower pitch, seal all side laps and all end laps with butyl sealant. All end laps should occur over purlins.

### Roofing Installation

Roofing panels should be installed with ribs perpendicular to eaves and ridge. Panels should span three or more purlins and end laps should be a minimum of 12 inches and caulked. Fasten each panel completely. Be careful not to push the panels down too hard making them flex and go out of square. Fasten all laps through top panel. Roofing overhang over sheathing should be no less than one inch and no more than two inches. Gable ends should be flush with exterior trim so gable or rake trim may be applied over it. Be sure your panels are aligned properly and square with eaves and ridge and parallel at each lap.

Note: Always begin roofing at end away from prevailing winds. Closure strips top and bottom also ensure true weather seal.

### Cutting Panels

When cutting steel panels always flip panel over to cut from backside. This will prevent hot metal filings from embedding into painted finish. Keep other panels away from cutting area. For large jobs in which across the profile cutting is necessary a portable shear is very helpful. To cut the panels use an electric circular saw with a metal cutting blade or an abrasive self-consuming blade. Metal snips are good for trim cuts but difficult for cutting panels.

## Fastening and Nailing

When fastening into wood purlins or solid wood deck a 1-inch woodgrip screw is recommended.

Screws are to be placed beside each major rib and at least every 24 inches down each panel.

Screws are to be installed into the flat not on the top of the rib.

In high wind zones Everlast recommends that stitching screws be applied onto lap joints every 12 inches. Butyl sealant may also be used to help seal the lap with the stitch screws. Screws should be driven in to be snug so neoprene washer can give a positive seal.

Nails that are recommended are ringshank with flat neoprene washers. A 13/4 inch nail should be sufficient for regular 1 inch thick wood purlin. Nails are to be driven through the top of the major rib. Drive nails until the neoprene washer is slightly bulged. Predrill holes where sheets overlap to make your nailing easier. This will keep your panels from moving out of alignment.

*Note: Regardless of whether you use screws or nails pick out a length that will not penetrate completely through your purlin.*

Correct  
Lap  
Detail

### Screw Fastening Recommendations



### Nail Fastening Recommendations



## Sidewall Application

Everlast panels may be installed on a sidewall horizontally or vertically. Always begin from the corner sill away from the prevailing wind. Any laps should be a minimum of 6 inches. All laps should be placed over a purlin or support. Always fasten lap area before finishing the rest of the panel. On horizontal applications finish each run before starting your next course.

## Safety Tips

Metal panels are very sharp. Wear heavy leather gloves when handling metal panels. Wear safety glasses to prevent eye injury. Panels are very slick, especially when they are damp or wet. Do not work on panels that are wet or when conditions are unsafe. Always use proper safety harnesses and equipment.

## Application Precautions

Avoid installing panels directly over green or damp lumber, porous insulation, or other damaging materials. The use of a moisture barrier is recommended. Chemicals, fertilizer, manure, and some soils and lime may cause damage. When installing keep panels a minimum of 12 inches off of ground. Insulated buildings should be adequately ventilated.

## Storage and Handling

If the material is not to be used immediately, it should be stored in a dry place. Moisture trapped between sheets may cause damage to the paint system.

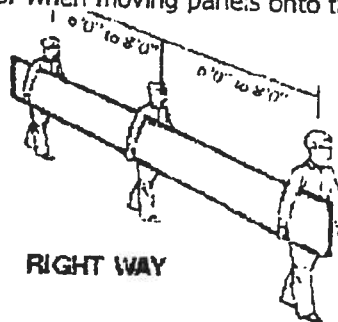
The paint system may become soft or water stains may appear which can detract from the appearance and affect the service life of the material. To avoid problems store the materials in a well ventilated dry area. Stack the materials on an incline position.

**DO NOT USE PLASTIC TO COVER MATERIALS. THIS CAN CAUSE SWEATING OR CONDENSATION!**

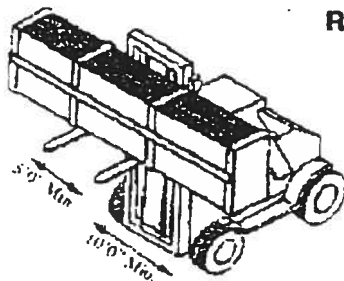
While unloading, bundles must be lifted from the center. Do not unload in a jerking or bouncing fashion. Panels greater than 25 feet long should be unloaded using a spreader bar to prevent panels from bending. Although the paint system is tough, dragging panels across the surface of another will almost certainly mar the finish. Do not lift panels from ends while flat. Lift the panels on edge when moving individual panels or when moving panels onto the roof.



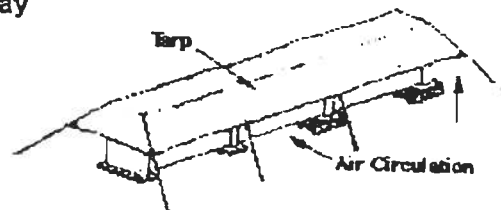
WRONG WAY



RIGHT WAY



Right Way





**ANSI/AAMA/NWDA 101/I.S.2-97  
TEST REPORT**

**Rendered to:**

**MI WINDOWS AND DOORS, INC.**

**SERIES/MODEL: 680  
PRODUCT TYPE: Aluminum Horizontal  
Sliding Window (Fin Frame)**

| Title                                 | Summary of Results       |                     |                     |
|---------------------------------------|--------------------------|---------------------|---------------------|
|                                       | Test Specimen #1         | Test Specimen #2    | Test Specimen #3    |
| Rating                                | HS-R30 126 x 59          | HS-R40 71 x 59      | HS-R35* 52 x 59     |
| Operating Force                       | 14 lbf max.              | N/A                 | N/A                 |
| Air Infiltration                      | 0.12 cfm/ft <sup>2</sup> | N/A                 | N/A                 |
| Water Resistance Test Pressure        | 6.0 psf                  | N/A                 | N/A                 |
| Uniform Load Deflection Test Pressure | ±30.0 psf                | +40.0 psf/-40.7 psf | +35.3 psf/-50.0 psf |
| Uniform Load Structural Test Pressure | ±45.0 psf                | +60.0 psf/-61.1 psf | +53.0 psf/-75.0 psf |
| Forced Entry Resistance               | Grade 10                 | N/A                 | N/A                 |

Reference should be made to ATI Report No. 53194.01-122-47 for complete test specimen description and data.



## **ANSI/AAMA/NWWDA 101/I.S.2-97 TEST REPORT**

Rendered to:

MI WINDOWS AND DOORS, INC.  
P.O. Box 370  
Gratz, Pennsylvania 17030-0370

Report No.: 53194.01-122-47  
Test Dates: 08/30/04  
Through: 09/02/04  
Report Date: 09/14/04  
Expiration Date: 09/02/08

**Project Summary:** Architectural Testing, Inc. (ATI) was contracted by MI Windows and Doors, Inc. to witness testing on three Series/Model 680, aluminum horizontal sliding windows at MI Windows and Doors, Inc. test facility in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for the following ratings: Test Specimen #1: HS-R30 126 x 59; Test Specimen #2: HS-R40 71 x 59; Test Specimen #3: HS-R35\* 52 x 59. Test specimen description and results are reported herein.

**General Note:** *An asterisk (\*) next to the performance grade indicates that the size tested for optional performance was smaller than the Gateway test size for the product type and class.*

**Test Specification:** The test specimens were evaluated in accordance with ANSI/AAMA/NWWDA 101/I.S.2-97, *Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors*.

### **Test Specimen Description:**

**Series/Model:** 680

**Product Type:** Aluminum Horizontal Sliding Window (Fin Frame)

**Test Specimen #1:** HS-R30 126 x 59 (XOX)

**Overall Size:** 10' 5-5/8" wide by 4' 11-1/16" high

**Interior Sash Size (2):** 2' 7" wide by 4' 8-3/8" high

**Daylight Opening Size:** 4' 11-3/4" wide by 4' 5-5/8" high

**Screen Size:** 2' 5-3/4" wide by 4' 7-1/8" high

**Test Specimen Description: (Continued)**

**Test Specimen #2:** HS-R40 71 x 59 (XO)

**Overall Size:** 5' 11-3/8" wide by 4' 11" high

**Interior Sash Size:** 2' 11-1/2" wide by 4' 8-1/4" high

**Daylight Opening Size:** 2' 10-1/4" wide by 4' 5-3/4" high

**Screen Size:** 2' 10-1/2" wide by 4' 7-1/8" high

**Test Specimen #3:** HS-R35\* 52 x 59 (XO)

**Overall Size:** 4' 4-1/8" wide by 4' 11" high

**Interior Sash Size:** 2' 1-7/8" wide by 4' 8-1/4" high

**Daylight Opening Size:** 1' 10-1/2" wide by 4' 5-3/4" high

**Screen Size:** 2' 0-1/2" wide by 4' 7-1/8" high

*The following descriptions apply to all specimens.*

**Finish:** All aluminum was anodized.

**Glazing Details:** The sash utilized a single sheet of 1/8" thick, clear annealed glass. The sash were interior glazed onto double-sided adhesive foam tape and secured with PVC snap-in glazing beads.

**Weatherstripping:**

| <u>Description</u>                                    | <u>Quantity</u> | <u>Location</u>            |
|-------------------------------------------------------|-----------------|----------------------------|
| 0.230" high by 0.187" backed polypile with center fin | 1 Row           | Fixed meeting stile, rails |
| 0.230" high by 0.187" backed polypile with center fin | 2 Rows          | Stiles                     |

**Frame Construction:** The frame was constructed of extruded aluminum. The corners were coped, butted, sealed, and secured with two #6 by 1" screws through the jambs into the head and sill screw boss. The fixed meeting stile was secured utilizing end caps. The end caps were secured to the fixed meeting stile with two #6 by 3/4" self-tapping screws through the end caps into the fixed meeting stiles screw boss. The end caps were secured with two #6 by 3/4" self-tapping screws into the head and sill. The head and sill also utilized a snap-in PVC insert.

**Test Specimen Description:** (Continued)

**Sash Construction:** The sash was constructed of extruded aluminum. The corners were coped, butted, and secured with one #6 by 1" screw through the rail into the stiles screw boss. The jamb stile was thermally broken.

**Screen Construction:** The screen was constructed of roll-formed aluminum with keyed corners. The screening consisted of a fiberglass mesh and was secured with a flexible vinyl spline.

**Hardware:**

| <u>Description</u> | <u>Quantity</u> | <u>Location</u>                 |
|--------------------|-----------------|---------------------------------|
| Metal cam locks    | 2 per sash      | 10" from rails on locking stile |
| Roller assembly    | 2 per sash      | 1-1/2" from bottom rail ends    |
| Screen plungers    | 4 per screen    | 2-1/2" from each rail on stiles |

**Drainage:**

| <u>Description</u>                           | <u>Quantity</u> | <u>Location</u>                |
|----------------------------------------------|-----------------|--------------------------------|
| 1/4" wide by 1-1/4" long weephole with cover | 2               | 3-1/2" from jambs on sill face |

**Reinforcement:** No reinforcement was utilized.

**Installation:** The windows were installed into a #2 Spruce-Pine-Fir wood buck. The nail fin was back bedded in silicone and secured with #8 by 1-5/8" drywall screws located 2" from corners and 9" on center. The exterior perimeter was sealed with silicone.

**Test Results:** The results are tabulated as follows:

| <u>Paragraph</u>                                      | <u>Title of Test - Test Method</u>                   | <u>Results</u>           | <u>Allowed</u>                |
|-------------------------------------------------------|------------------------------------------------------|--------------------------|-------------------------------|
| <b><u>Test Specimen #1:</u></b> HS-R30 126 x 59 (XOX) |                                                      |                          |                               |
| 2.2.2.5.1                                             | Operating Force                                      | 14 lbf                   | 20 lbf max.                   |
| 2.1.2                                                 | Air Infiltration per ASTM E 283<br>1.57 psf (25 mph) | 0.12 cfm/ft <sup>2</sup> | 0.30 cfm/ft <sup>2</sup> max. |

**Note #1:** *The tested specimen meets the performance levels specified in ANSI/AAMA/NWDA 101/I.S.2-97 for air infiltration.*

**Test Results: (Continued)**

| <u>Paragraph</u>                                                                                                                                                                                                                           | <u>Title of Test - Test Method</u>                                                                                                                                                    | <u>Results</u>                                   | <u>Allowed</u>                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------|
| <b><u>Test Specimen #1:</u></b> HS-R30 126 x 59 (XOX) (Continued)                                                                                                                                                                          |                                                                                                                                                                                       |                                                  |                                                      |
| 2.1.3                                                                                                                                                                                                                                      | Water Resistance per ASTM E 547<br>(with and without screen)<br>2.86 psf                                                                                                              | No leakage                                       | No leakage                                           |
| 2.1.4.1                                                                                                                                                                                                                                    | Uniform Load Deflection per ASTM E 330<br>(Deflections reported were taken on the meeting stile)<br>(Loads were held for 52 seconds)<br>15.0 psf (positive)<br>15.0 psf (negative)    | 0.37"<br>0.39"                                   | See Note #2<br>See Note #2                           |
| <i><b>Note #2:</b> The Uniform Load Deflection test is not a requirement of ANSI/AAMA/NWDA 101/I.S.2-97 for this product designation. The deflection data is recorded in this report for special code compliance and information only.</i> |                                                                                                                                                                                       |                                                  |                                                      |
| 2.1.4.2                                                                                                                                                                                                                                    | Uniform Load Structural per ASTM E 330<br>(Permanent sets reported were taken on the meeting stile)<br>(Loads were held for 10 seconds)<br>22.5 psf (positive)<br>22.5 psf (negative) | 0.03"<br>0.01"                                   | 0.21" max.<br>0.21" max.                             |
| 2.2.2.5.2                                                                                                                                                                                                                                  | Deglazing Test per ASTM E 987<br>In operating direction - 70 lbs<br><br>Right sash, lock stile<br>Right sash, jamb stile<br>Left sash, lock stile<br>Left sash, jamb stile            | 0.13"/25%<br>0.13"/25%<br>0.13"/25%<br>0.13"/25% | 0.50"/100%<br>0.50"/100%<br>0.50"/100%<br>0.50"/100% |
|                                                                                                                                                                                                                                            | In remaining direction - 50 lbs<br><br>Right sash, top rail<br>Right sash, bottom rail<br>Left sash, top rail<br>Left sash, bottom rail                                               | 0.06"/13%<br>0.06"/13%<br>0.06"/13%<br>0.06"/13% | 0.50"/100%<br>0.50"/100%<br>0.50"/100%<br>0.50"/100% |

**Test Results: (Continued)**

| <u>Paragraph</u> | <u>Title of Test - Test Method</u> | <u>Results</u> | <u>Allowed</u> |
|------------------|------------------------------------|----------------|----------------|
|------------------|------------------------------------|----------------|----------------|

**Test Specimen #1:** HS-R30 126 x 59 (XOX) (Continued)

|       |                                        |           |          |
|-------|----------------------------------------|-----------|----------|
| 2.1.8 | Forced Entry Resistance per ASTM F 588 |           |          |
|       | Type: A                                | Grade: 10 |          |
|       | Lock Manipulation Test                 | No entry  | No entry |
|       | Test A1 through A5                     | No entry  | No entry |
|       | Test A7                                | No entry  | No entry |
|       | Lock Manipulation Test                 | No entry  | No entry |

**Optional Performance**

|       |                                                                                                                                                                                       |                |                            |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------|
| 4.3   | Water Resistance per ASTM E 547<br>(with and without screen)<br>6.0 psf                                                                                                               | No leakage     | No leakage                 |
| 4.4.1 | Uniform Load Deflection per ASTM E 330<br>(Deflections reported were taken on the meeting stile)<br>(Loads were held for 52 seconds)<br>30.0 psf (positive)<br>30.0 psf (negative)    | 0.77"<br>0.58" | See Note #2<br>See Note #2 |
| 4.4.2 | Uniform Load Structural per ASTM E 330<br>(Permanent sets reported were taken on the meeting stile)<br>(Loads were held for 10 seconds)<br>45.0 psf (positive)<br>45.0 psf (negative) | 0.08"<br>0.10" | 0.21" max.<br>0.21" max.   |

**Test Results: (Continued)**

| <u>Paragraph</u>                                    | <u>Title of Test - Test Method</u>                                                                                                      | <u>Results</u> | <u>Allowed</u> |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|
| <b><u>Test Specimen #2:</u></b> HS-R40 71 x 59 (XO) |                                                                                                                                         |                |                |
| <u>Optional Performance</u>                         |                                                                                                                                         |                |                |
| 4.4.1                                               | Uniform Load Deflection per ASTM E 330<br>(Deflections reported were taken on the meeting stile)<br>(Loads were held for 52 seconds)    |                |                |
|                                                     | 40.0 psf (positive)                                                                                                                     | 0.86"          | See Note #2    |
|                                                     | 40.7 psf (negative)                                                                                                                     | 0.72"          | See Note #2    |
| 4.4.2                                               | Uniform Load Structural per ASTM E 330<br>(Permanent sets reported were taken on the meeting stile)<br>(Loads were held for 10 seconds) |                |                |
|                                                     | 60.0 psf (positive)                                                                                                                     | 0.05"          | 0.22" max.     |
|                                                     | 61.1 psf (negative)                                                                                                                     | 0.10"          | 0.22" max.     |

**Test Specimen #3:** HS-R35\* 52 x 59

Optional Performance

|       |                                                                                                                                         |       |             |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|-------------|
| 4.4.1 | Uniform Load Deflection per ASTM E 330<br>(Deflections reported were taken on the meeting stile)<br>(Loads were held for 52 seconds)    |       |             |
|       | 35.3 psf (positive)                                                                                                                     | 0.48" | See Note #2 |
|       | 50.0 psf (negative)                                                                                                                     | 0.71" | See Note #2 |
| 4.4.2 | Uniform Load Structural per ASTM E 330<br>(Permanent sets reported were taken on the meeting stile)<br>(Loads were held for 10 seconds) |       |             |
|       | 53.0 psf (positive)                                                                                                                     | 0.10" | 0.22" max.  |
|       | 75.0 psf (negative)                                                                                                                     | 0.07" | 0.22" max.  |

Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years from the original test date. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator. This report may not be reproduced, except in full, without approval of Architectural Testing, Inc.

For ARCHITECTURAL TESTING, INC:



Digitally Signed by: Mark A. Hess

---

Mark A. Hess  
Technician

MAH:vlm



Digitally Signed by: Steven M. Urich

---

Steven M. Urich, P.E.  
Senior Project Engineer



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

## NOTICE OF ACCEPTANCE (NOA)

Ceco Door Products  
9159 Telecom Drive  
Milan, TN 38358

OUT SWING

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION:** Series "Regent" & "Omega" 18 ga. 3'-0" Outswing Commercial Steel Door

**APPROVAL DOCUMENT:** Drawing No. RD0087, titled "3-0 x 7-0 Series", sheets 1 through 7 of 7, dated 5/30/97 with revision C dated 2/24/00, prepared by the manufacturer, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING:** Large and Small Missile Impact

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

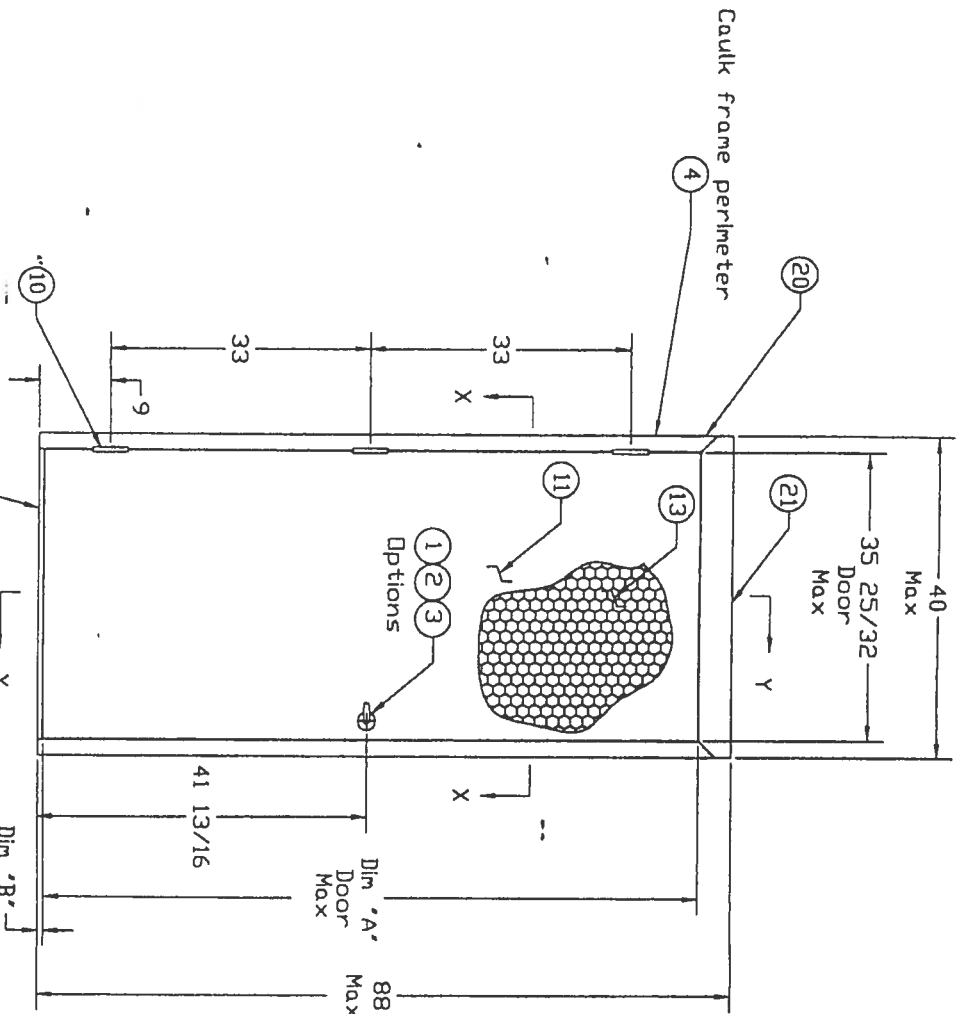
**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 00-0315.03 and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by Manuel Perez, P.E.



NOA No 03-0411.01  
Expiration Date August 14, 2008  
Approval Date: May 15, 2003  
Page 1



| Design Pressure              |         |         |
|------------------------------|---------|---------|
| Tested For Water Penetration |         |         |
| With Overhang                | +85 psf | -60 psf |
| Without Overhang             | +60 psf | -60 psf |

|               | Dim 'A' | Dim 'B' |
|---------------|---------|---------|
| 3/4" Undercut | 83 1/8  | 3/4     |
| 3/8" Undercut | 83 1/2  | 3/8     |

|           |                           |
|-----------|---------------------------|
| Sheet 2   | Frame Anchor Installation |
| Sheet 3   | Threshold Installation    |
| Sheet 3   | Weatherstrip Installation |
| Sheet 4   | Door Latch Reinforcement  |
| Sheet 5-6 | Cross Section View        |
| Sheet 7   | Bill Of Material          |

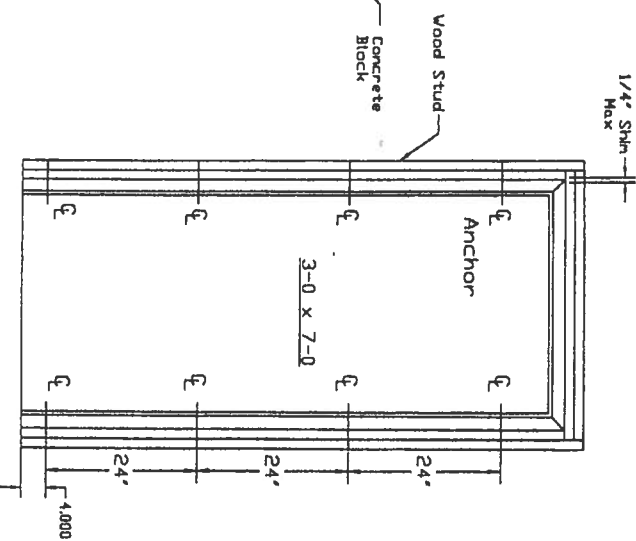
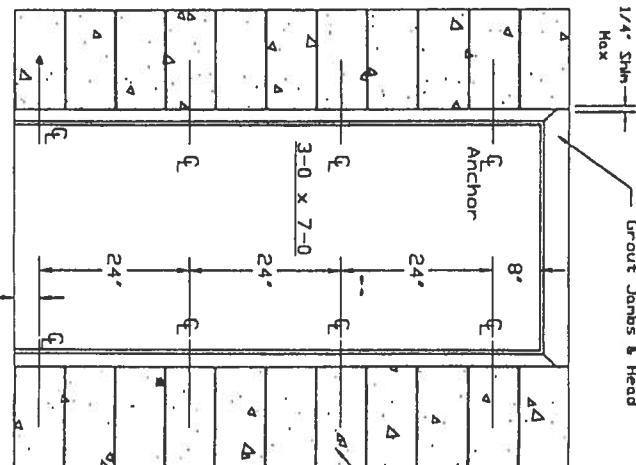
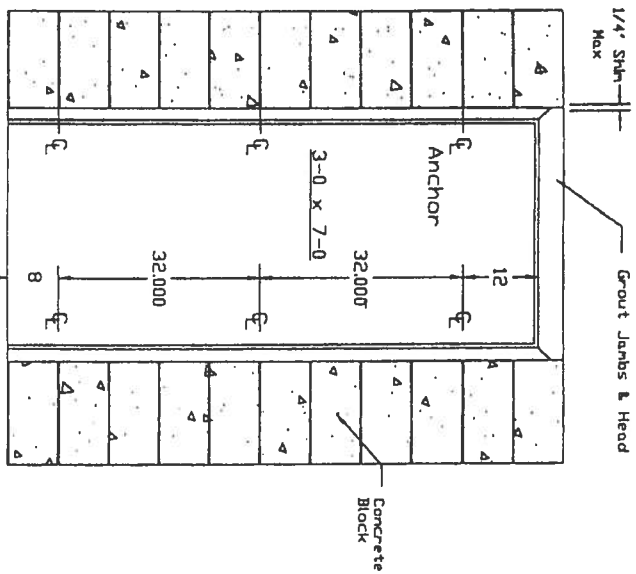
PRODUCT DESIGNER  
 SOUTH FLORIDA BUILDING CODE  
 APPROVED BY: *[Signature]*  
 DATE: 03-04-01  
 EXPIRATION DATE: 03-04-08  
*[Signature]*  
 Vice President

MATERIAL SPECIFICATIONS:  
 Finish: Rust Inhibitive Primer

3-0 x 7-0 Series  
 Elevation Drawing

**CECD DOOR PRODUCTS**  
 Milan, Tennessee 38358

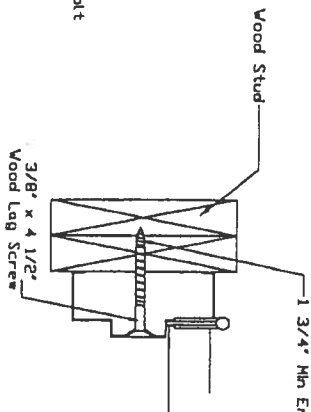
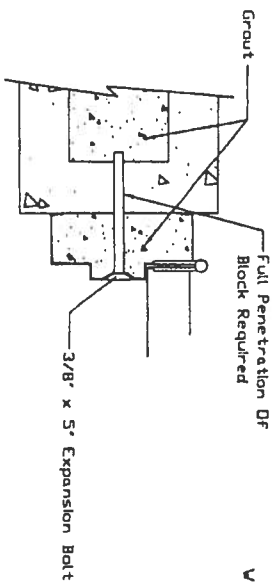
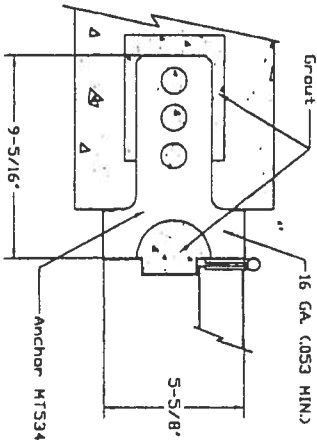
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|-----------------------------------------------------------------------------------------------------------|---------------|
| APPROVED AS COMPLYING WITH THE<br>SOUTH FLORIDA BUILDING CODE<br>DATE: 03-04-01<br>BY: <i>[Signature]</i> |               |
| PRODUCT CONTROL DIVISION<br>BUILDING CODE COMPLIANCE OFFICE<br>ACCREDITED NO. 00-0315-03                  |               |
| Revised Format, Transferred<br>Information from MOA                                                       | 3/23/04       |
| Revised CO Design<br>Revised Sheet Numbers                                                                | 7/22/03       |
| ISSUE                                                                                                     | REVISIONS     |
| DRAWN BY: GWS                                                                                             | DATE: 5/30/97 |
| DRAWING NUMBER: RD0087                                                                                    |               |
| Sheet 1 of 7                                                                                              |               |



Masonry 'T' Anchor

Existing Opening Anchor Into Block

Existing Opening Anchor Into Wood Stud



NOTES:  
1. SEE SHEET 7 FOR BILL OF MATERIALS

MATERIAL SPECIFICATIONS:

Frame Anchor  
Installation Details

 CECD DOOR PRODUCTS  
Milan, Tennessee 38358

DRAWING NUMBER:

RD00087

DRAWN BY:

GWS 5/30/97

ISSUE

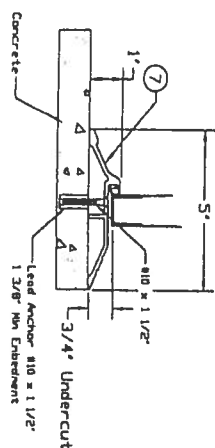
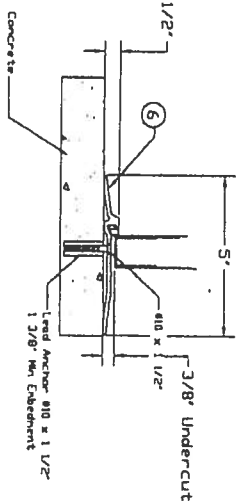
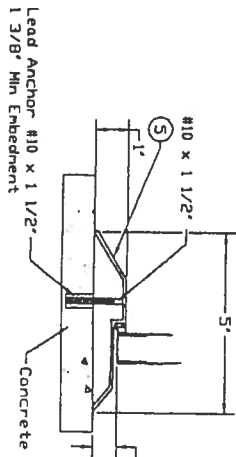
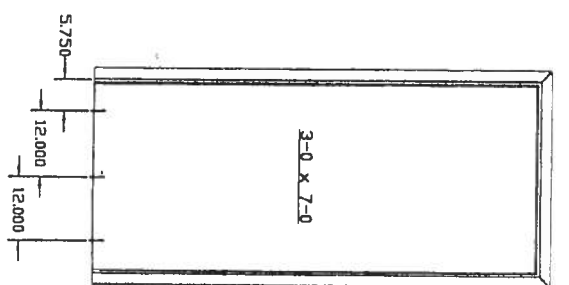
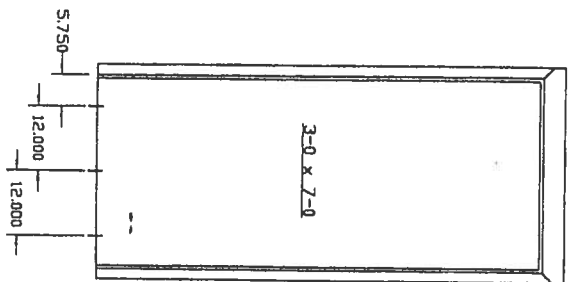
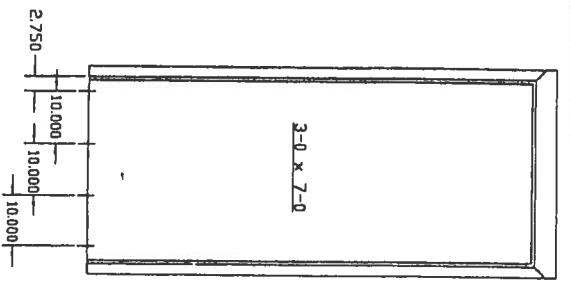
REVISIONS

Revised Format, Transferred

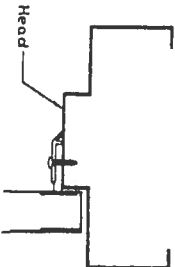
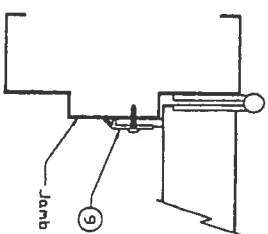
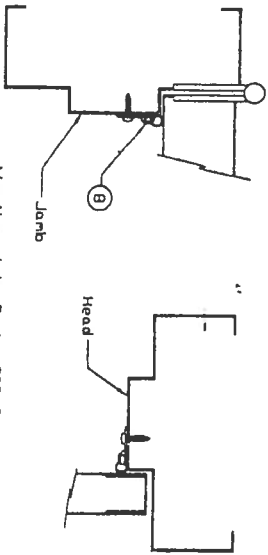
Information from ROK

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE: 08-08-00  
BY: *Michael Davis*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0315-03

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 03-0411-01  
Expiration Date: 08-14-2008  
By: *Michael Davis*  
Miami/State Product Control  
Division



NOTE: 1. All thresholds shown are made from extruded aluminum with slide-in vinyl weatherstrip insert.



NOTE:  
2. LOCATION: ALONG THE ENTIRE HEAD AND JAMB PERIMETER. ATTACHED WITH THIRTY FOUR (34) #8 X 3/4" PPH SMS SPACED AT 6" O/C.

NOTE:  
3. LOCATION: ALONG THE ENTIRE HEAD AND JAMB PERIMETER. ATTACHED WITH THIRTY FOUR (34) #8 X 3/4" PPH SMS SPACED AT 6" O/C.

NOTE: 4. See Sheet 7 For Bill of Material

MATERIAL SPECIFICATIONS:

Threshold & Weatherstrip  
Installation details

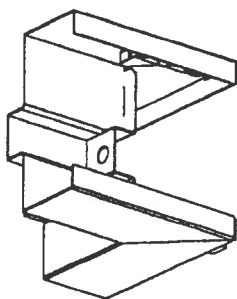
**CECD DOOR PRODUCTS**  
Millon Tennessee 3473R

ISSUE: REVISIONS  
DRAWN BY: DATE: 5/30/97  
CWS

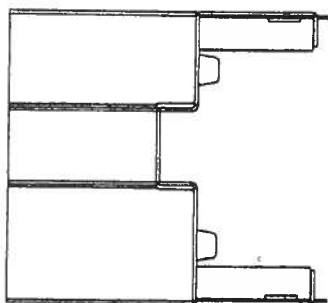
RD00087  
Sheet 3 of 7

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE: 08/29/00  
BY: [Signature]  
PRODUCT: CECD DOOR PRODUCTS  
WILL DURING CONSTRUCTION OFFICE  
ACCEPTANCE NO: 00-0315-03

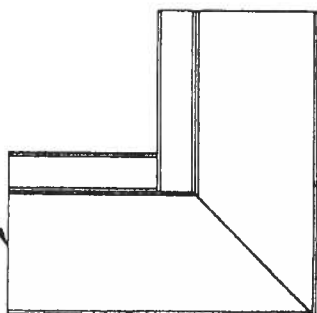
PRODUCT RENEWED  
AS COMPLYING WITH THE FLORIDA  
BUILDING CODE  
EFFECTIVE: 08-03-04-01  
Application Under: 08-18-2008  
by: [Signature]  
Millon/Tennessee Products Company  
Lynchburg



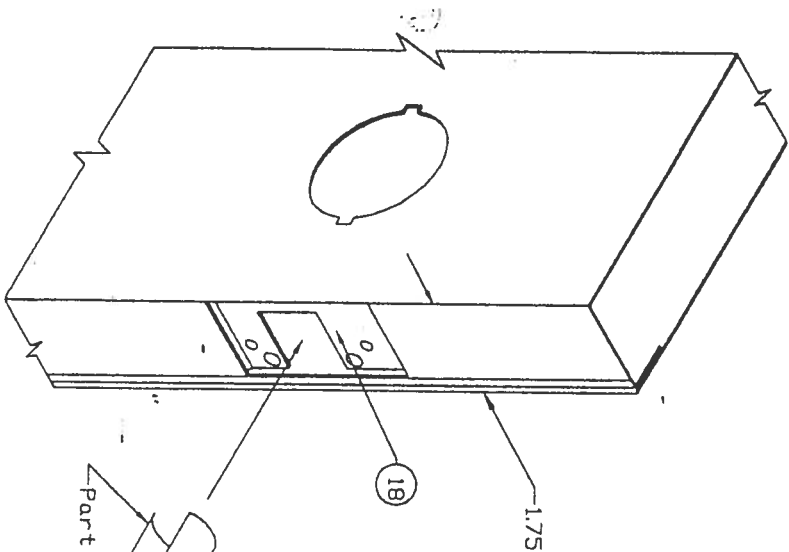
Interlocking Fold Over Tab



Frame Head



Frame Jamb

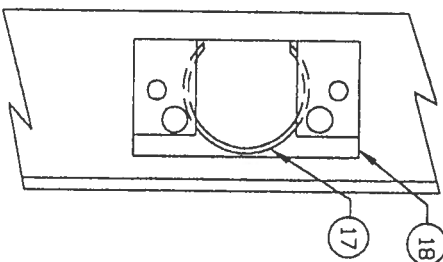


1.75

18

17

Part No. 7000340



18

17

Note: 1. For Cylindrical Lock Only  
2. See Sheet 7 For Bill Of Material

MATERIAL SPECIFICATIONS:

Cylindrical Lock Reinforcement  
and "SF" Series Frame Corner  
Installation Details



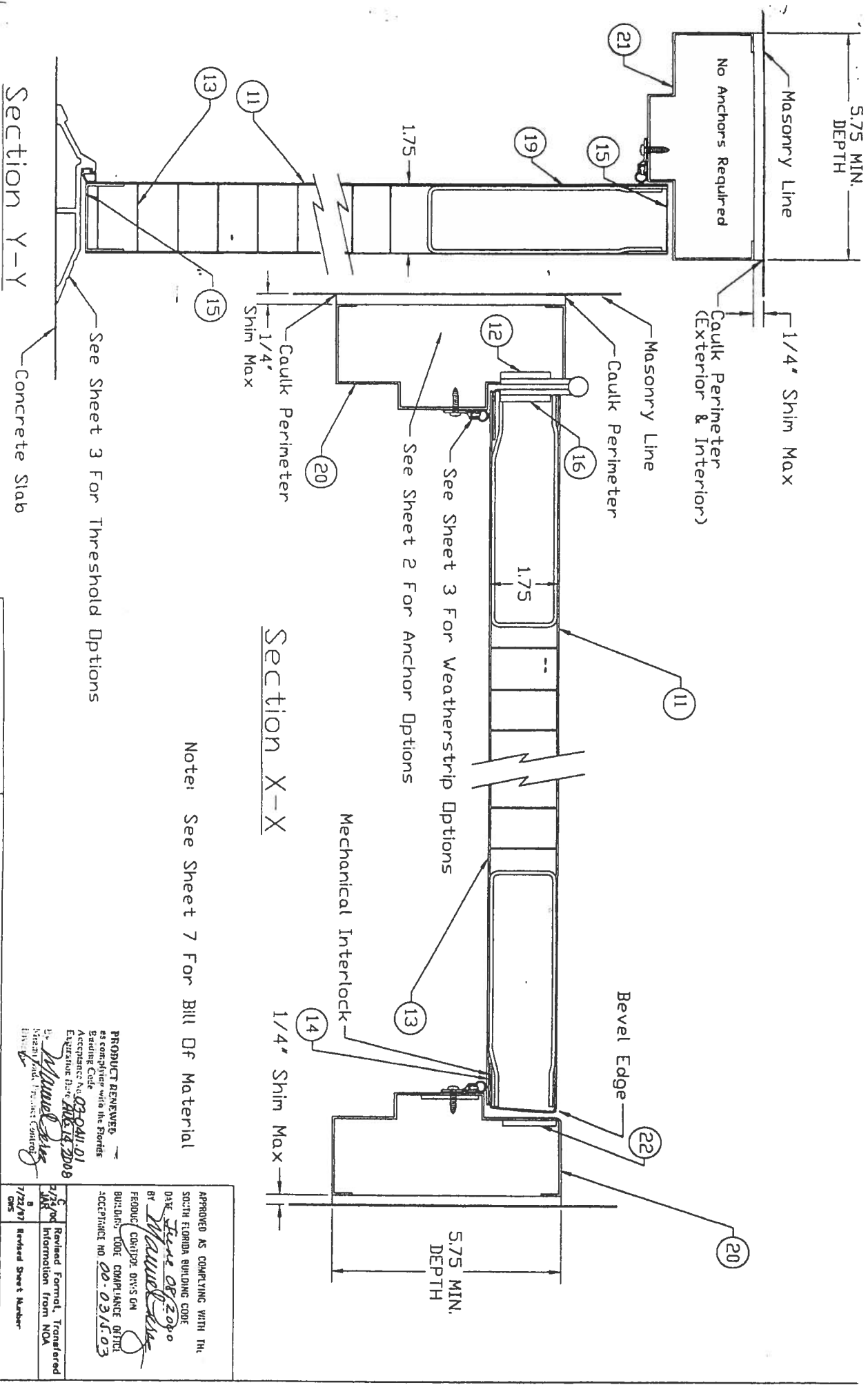
CECD DOOR PRODUCTS  
Milan, Tennessee 38358

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE 08/20/90  
BY Michael D. GWS  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0314-03

PRODUCT REVIEWED  
AS COMPLYING WITH THE FLORIDA  
BUILDING CODE  
DATE 03/04/01  
BY Michael D. GWS  
Director, Code Product Control

|               |                             |
|---------------|-----------------------------|
| 7/23/04       | Revised Format, Transferred |
| JAR           | Information from NOK        |
| GWS           | Revised Sheet Number        |
| ISSUE         | REVISIONS                   |
| DRAWN BY: GWS | DATE: 6/06/97               |

DRAWING NUMBER:  
RD0087  
Sheet 4 of 7



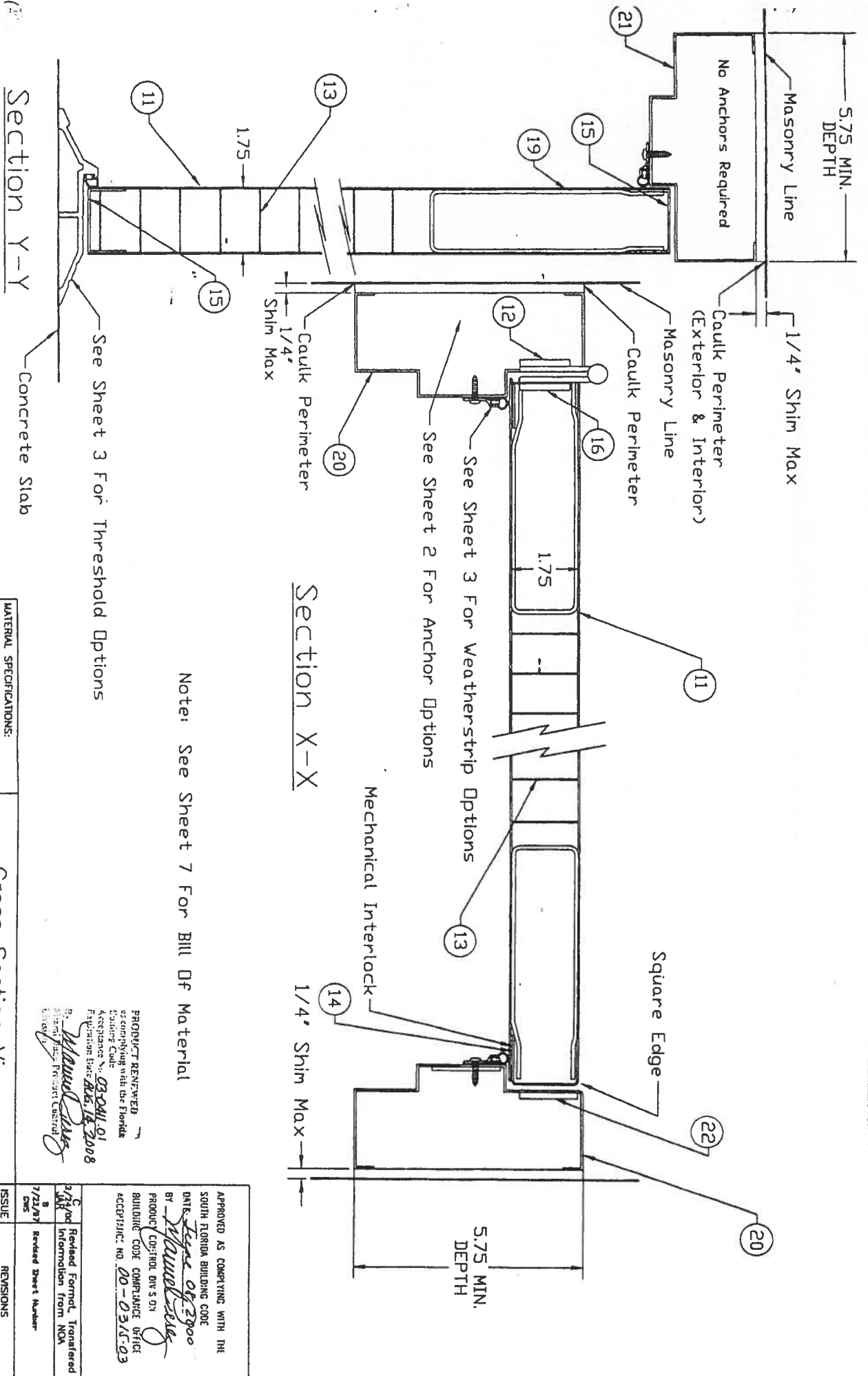
Section X-X

Note: See Sheet 7 For Bill Of Material

PRODUCT RENEWED  
as compliant with the Florida  
Building Code  
Acceptance No. 03-0411-01  
Expiration Date: 06/14/2008  
By: *Michael King*  
Mechanical Product Control

|                                                  |                      |                        |         |
|--------------------------------------------------|----------------------|------------------------|---------|
| MATERIAL SPECIFICATIONS:                         |                      | Cross Section View     |         |
|                                                  |                      | Regent Door            |         |
|                                                  |                      | CECD DOOR PRODUCTS     |         |
|                                                  |                      | Milan, Tennessee 38358 |         |
| ISSUE                                            | REVISIONS            | DRAWN BY:              | DATE:   |
| 7/22/97                                          | Revised Sheet Number | GWS                    | 5/30/97 |
| Revised Formal, Transferred Information from NOA |                      | DRAWING NUMBER:        |         |
|                                                  |                      | RD0087                 |         |
|                                                  |                      | Sheet 5 of 7           |         |

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE: *June 08 2000*  
BY: *Michael King*  
FEDDUC/CONTR'D. DIV'S ON  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-03/14-03



|                                                                                                                                                    |  |                                                     |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------|--|
| MATERIAL SPECIFICATIONS:                                                                                                                           |  | <div>Cross Section View</div> <div>Omega Door</div> |  |
|                                                                                                                                                    |  |                                                     |  |
|                                                                                                                                                    |  |                                                     |  |
| <div>CECD DOOR PRODUCTS</div> <div>Milan, Tennessee 38358</div> |  | DRAWING NUMBER: <div>RD0087</div>                   |  |
|                                                                                                                                                    |  | Sheet 6 of 7                                        |  |

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 03-041-01  
Expiration Date: 06.18.2008  
By: *Michael J. Davis*  
Professional Engineer  
License No. 10000

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE: *June 06, 2000*  
BY: *Michael J. Davis*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0345-03

3/23/06 Revised Formwork Transferred  
Information from NOA

ISSUE: 8  
7/22/97 Revised Sheet Number

DRAWN BY: GWS  
DATE: 5/30/97

| ITEM | QTY   | DESCRIPTION                                                                                                                                                      | MATERIAL                                                                   | SIZE                                  |
|------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|
| 1    | 1     | SCHLAGE SERIES A153PD GRADE 2, LATCH LOCK, SINGLE LEVER OR KNOB OPERATED                                                                                         |                                                                            |                                       |
| 2    | 1     | MARKS SERIES 170AB GRADE 2, LATCH LOCK, INSIDE/OUTSIDE LEVER OPERATED                                                                                            |                                                                            |                                       |
| 3    | 1     | YALE SERIES A153070 GRADE 2 LATCH LOCK, SINGLE LEVER OR KNOB OPERATED                                                                                            |                                                                            |                                       |
| 4    | 1     | CAULK FOR INSTALLATION AND WEATHERSTRIP ADAPTER SCREWS FRAME PERIMETER (INSIDE & OUT) AND FRAME SILL CORNERS                                                     | GE SILICONE HOUSEHOLD SEALANT                                              |                                       |
| 5    | 1     | NATIONAL GUARD #8035                                                                                                                                             |                                                                            |                                       |
| 6    | 1     | PEKMO #2005AV                                                                                                                                                    |                                                                            |                                       |
| 7    | 1     | PEKMO #181AV                                                                                                                                                     |                                                                            |                                       |
| 8    | 1 ROW | PEKMO #303AS HIGH SURFACE APPLIED EXTRUDED ALUMINUM WEATHERSTRIP ADAPTER WITH A SILICON (TM) BULB INSERT                                                         |                                                                            |                                       |
| 9    | 1 ROW | NATIONAL GUARD #130NA 1-1/4" WIDE X 0.188" SURFACE APPLIED EXTRUDED ALUMINUM WEATHERSTRIP ADAPT. WITH A FOAM INSERT EACH ATTACHED WITH EIGHT #12-24 X 1/2" FH MS |                                                                            |                                       |
| 10   | 3     | HAGAR BBI279 4-1/2" X 4-1/2" X 0.134" THICK STEEL HINGE                                                                                                          |                                                                            |                                       |
| 11   | 1     | FACE SHEET CONFORMING TO ASTM A366 AND ASTM-A568                                                                                                                 | COMMERCIAL QUALITY COLD ROLLED STEEL (MINIMUM YIELD STR. OF Fy=36,000 psi) | 18 GAUGE, 0.042" MIN. THICK           |
| 12   | 3     | HINGE REINFORCING PLATE, PLATE SPOT WELDED TO FRAME JAMB AT EACH HINGE LOCATION                                                                                  | STEEL                                                                      | 1-1/4" X 9" X 7 GA.                   |
| 13   | 1     | CORE, FULL HONEYCOMB CORE PERMANENTLY BONDED TO THE INSIDE OF EACH FACE SKIN WITH NON-FLAMMABLE ADHESIVE                                                         | PHENOLIC RESIN-IMPREGNATED KRAFT PAPER                                     | 1-1/8" CELL                           |
| 14   | 1     | DEMFLEX 3500 STRUCTURAL ADHESIVE EPOXY                                                                                                                           |                                                                            |                                       |
| 15   | 1     | ROLL FORMED STEEL CHANNEL ON THE TOP AND BOTTOM OF THE DOOR SPOT WELDED TO EXTERIOR AND GLUED TO INTERIOR SKIN                                                   |                                                                            | 1" X 1-3/4" X 1" X 16 GA. (G053" MIN) |
| 16   | 3     | DOOR HINGE REINFORCEMENT                                                                                                                                         |                                                                            | 1-1/4" X 9" X 7 GA.                   |
| 17   | 1     | DOOR LATCH REINFORCEMENT, STEEL 'C' RING                                                                                                                         | 28 GA. GALV. STEEL                                                         | .015" THICK X 1.313 INSIDE DIAMETER   |
| 18   | 1     | DOOR LOCK REINFORCEMENT                                                                                                                                          | STEEL                                                                      | 16 GA. (G093")                        |
| 19   | 1     | DOOR CLOSER REINFORCEMENT, ROLLED FORM CHANNELS TACK WELDED TO DOOR END CHANNELS                                                                                 |                                                                            |                                       |
| 20   | 2     | SERIES 'SF', FRAME JAMB, DOUBLE RABBIT PROFILE                                                                                                                   | 16 GA. (G053" MIN) STEEL                                                   | 2" FACE, 5-3/4" DEPTH MIN.            |
| 21   | 1     | FACE SHEET CONFORMING TO ASTM A366 AND ASTM-A653                                                                                                                 | 16 GA. (G053" MIN) STEEL                                                   | 2" FACE, 5-3/4" DEPTH MIN.            |
| 22   | 1     | FACE SHEET CONFORMING TO ASTM A366 AND ASTM-A653                                                                                                                 | COMMERCIAL QUALITY COLD ROLLED STEEL (MINIMUM YIELD STR. OF Fy=40,000 psi) | 2" FACE, 5-3/4" DEPTH MIN.            |

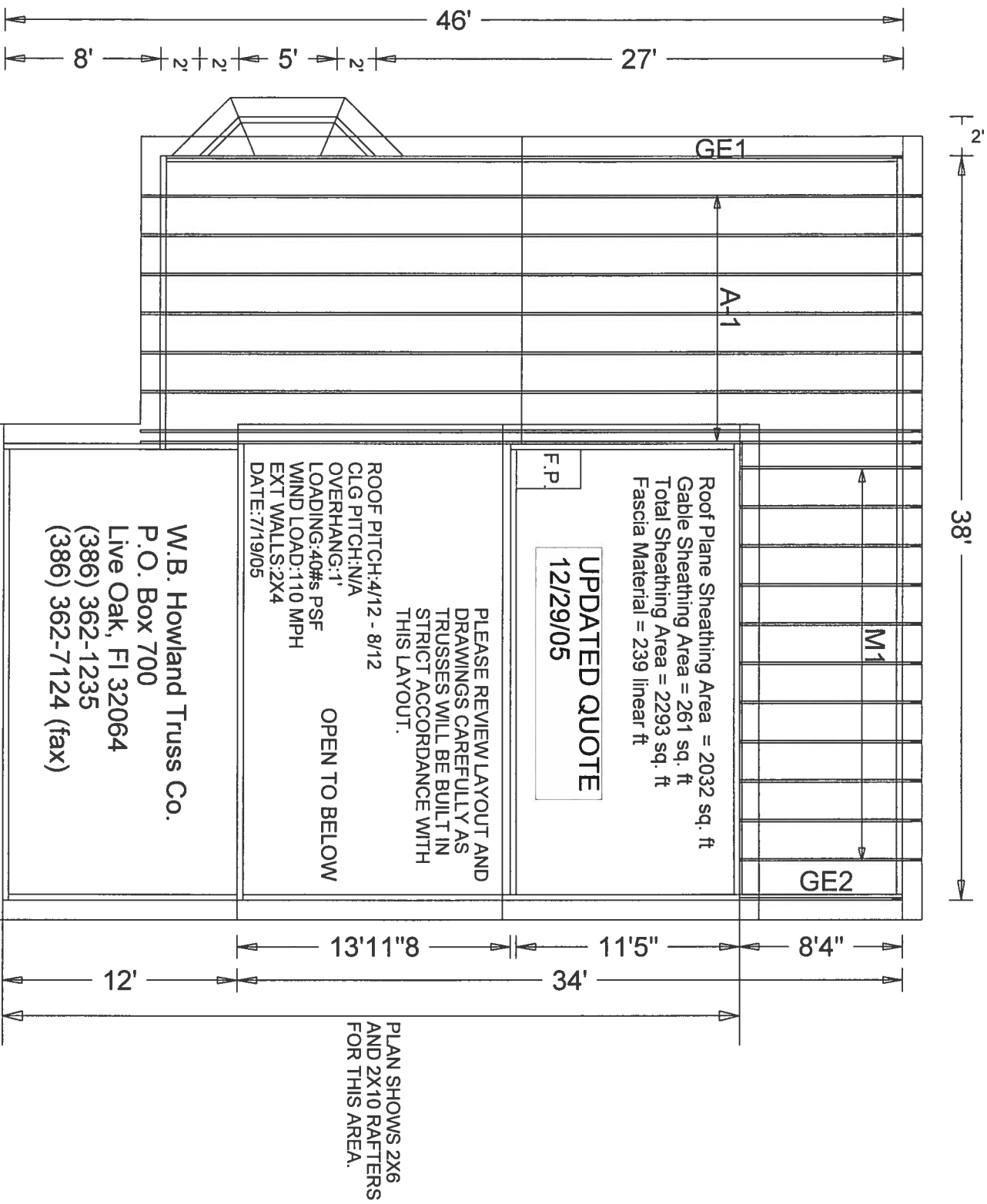
MATERIAL SPECIFICATIONS:

3-0 x 7-0 Series  
Bill Of Materials  
CECD DOOR PRODUCTS  
Millon, Tennessee 38358

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Approval No. 03-041-01  
Expiration Date 01/01/2008  
By: *W. M. M. M.*  
Project: 1 Project Closed

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE: *July 08, 2000*  
BY: *W. M. M. M.*  
PRODUCED BY: DIVISION ON  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0314-03

Revised Formed, Transferred  
Information from NCA  
7/23/97  
A  
GWS  
Revised Sheet Number  
ISSUE  
DRAWN BY: GWS  
DATE: 6/02/97  
REVISIONS  
DRAWING NUMBER: RD0087



Job Name: JL DUPREE// WRIGHT RES.  
Customer: J.L. DUPREE  
Designer: Lynn Bell

JOB NO:

2610

PAGE NO:

1 OF 1