| This Per | ibia County | ear From the Date | of Issue | PERMIT 000023513 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------------------|-------------------|----------------------------------------------------|
| | ND CT | PHONE OUT | 386.755.4210 | =2, |
| ADDRESS 290 NW INDIAN POR OWNER STEPHEN J. MORGAN | ND CI | LAKE CITY PHONE | 296 755 421 | FL 32024 |
| ADDRESS 118 SW GUINEVER | WAV | - LAKE CITY | 386.755.4210 | |
| CONTRACTOR FERDERICK PERRY | WAI | PHONE | 386.752.2832 | |
| A COMPANY OF THE COMP | O SITERS WELCOME R | | | _ |
| | STOP,1ST. ON R. | D,TL GO TO STONEH | ENGE, IR GO II | iku |
| TYPE DEVELOPMENT SFD & UTILLI | | TIMATED COST OF C | CONSTRUCTION | 96950.00 |
| HEATED FLOOR AREA 1939.00 | TOTAL ARI | EA 2692.00 | HEIGHT | 16.00 STORIES 1 |
| FOUNDATION CONC WA | LLS FRAMED F | ROOF PITCH 6'12 | F | FLOOR CONC |
| LAND USE & ZONING RSF-2 | | MA | X. HEIGHT | 35 |
| Minimum Set Back Requirments: STREE | T-FRONT 25.00 | REAR | 15.00 | SIDE 10.00 |
| The second secon | | REAR | 13.00 | SIDE 10.00 |
| NO. EX.D.U. 0 FLOOD ZONI | XPP XPP | DEVELOPMENT PE | RMIT NO. | S 1100 N 1100 N |
| PARCEL ID 23-4S-16-03099-206 | SUBDIVISIO | N STONEHENGE | | |
| LOT 6 BLOCK PHASE | 2 UNIT | TO | TAL ACRES | |
| | | | | |
| 000000776 | RB0050165 | THE | 7-11 | |
| Culvert Permit No. Culvert Waiver | Contractor's License Nun | aber Sug | Applicant/Owne | er/Contractor |
| 18"X32'MITERED 05-0817-N | BLK | | rippinearing wine | N |
| Driveway Connection Septic Tank Number | | ng checked by Ar | proved for Issuan | <u></u> |
| | a Bow Boini | ng enceked by | proved for issuan | ce new resident |
| COMMENTS: 1 FOOT ABOVE ROAD PLAT REQUIRES 1ST. FLOOR ELEVATION | TO BE A MINIMUM OF | 100.5! | | |
| ELEVATION LETTER REQUIRED. | TO BE A MINIMUM OF | 100.5 | O1 - 1 - # (| Cash 1005 |
| ELEVATION LETTER REQUIRED. | | | Check # or C | asn 1003 |
| FOR B | UILDING & ZONIN | G DEPARTMENT | FONLY | (footer/Slab) |
| Temporary Power | Foundation | | Monolithic _ | 10 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18 |
| date/app. by | | date/app. by | | date/app. by |
| Under slab rough-in plumbing | Slab _ | | Sheathing | /Nailing |
| Framing date/a | app. by | date/app. by | | date/app. by |
| date/app. by | Rough-in plumbing ab | ove slab and below woo | od floor | date/app. by |
| Electrical rough-in | Heat & Air Duct | | | |
| date/app. by | _ Heat & All Duct _ | date/app. by | Peri. beam (Lint | date/app. by |
| Permanent power | C.O. Final | and app. 57 | Culvert | autorupp. oy |
| date/app. by | d | late/app. by | | date/app. by |
| M/H tie downs, blocking, electricity and plumbin | | | Pool | |
| Reconnection | date/app Pump pole | . by Utility Po | ole | date/app. by |
| date/app. by | date/ | app. by | date/app. b | y |
| M/H Pole Tale date/app. by | ravel Trailer | ate/app. by | Re-roof | date/app. by |
| date app. by | da | пеларр. бу | | date/app. by |
| BUILDING PERMIT FEE \$ 485.00 | _ CERTIFICATION FEE | E \$13.46 | SURCHARG | E FEE \$13.46 |
| MISC. FEES \$00 ZONING | G CERT. FEE \$ _50.00 | FIRE FEE \$ | WAST | TE FEE \$ |
| FLOOD ZONE DEVELOPMENT FEE S | CULVERT FE | EE \$ 25.00 | TOTAL FE | |
| | * | | 0.11 | |
| INSPECTORS OFFICE | 1 | _ CLERKS OFFICE | _CN_ | |
| NOTICE: IN ADDITION TO THE REQUIREMENT PROPERTY THAT MAY BE FOUND IN THE PUB | S OF THIS PERMIT, THERE LIC RECORDS OF THIS CO | MAY BE ADDITIONAL R | ESTRICTIONS APP | LICABLE TO THIS |

FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

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

This Permit Must Be Prominently Posted on Premises During Construction

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

| For Office Use Only Application # 0508 · 12 Date Received 8/3/05 By Permit # 776/23513 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Approved by - Zoning Official Date Date Plans Examiner OK JTH Date 9-4-05 |
| Flood Zone Zoning CSF-2 Land Use Plan Map Category Es. L. Dev. |
| Comments Plot Regins 1st Floor Elevation to be a minimum of 190.5 Elevation letter Regular |
| - Et metalo Cu# > 1005 City WALER |
| Applicants Name Stephen Jot Drane L. Wrong an Phone 755-4216 |
| Address 290 NW Indian Pond Ct Lake City, FL 32055 |
| Owners Name Stephen J. Morgan + Diane L. Morgan Phone 753-4216 |
| 911 Address /18 SW Guinevere Way, L.C. 32024 |
| Contractors Name Frederick Perry Phone 386- 752-2832 |
| Address 615 S.W. Sabre Ave. |
| Fee Simple Owner Name & Address Stephen J& Diam h. Mogan, 290 NW Indian Road CT Lake City FL 32055 |
| Bonding Co. Name & Address N/A |
| Architect/Engineer Name & Address Tim Del bene / Mark Disosway R.E. |
| Mortgage Lenders Name & AddressN/A |
| Circle the correct power company - FL Power & Light - Clay Elec Suwannee Valley Elec Progressive Energy |
| Property ID Number 23-45-16-03099-206 Estimated Cost of Construction \$120,000 |
| Subdivision Name Stonehenge Phase 2 Lot 6 Block Unit Phase 2 |
| Driving Directions Hwy 90 West, TL on Sisters Welcome Road, TR on Stonehenge, |
| through 4-way Stop, Rivet Lot on Right |
| |
| Type of Construction wood Frame Brite Venser Number of Existing Dwellings on Property |
| Total Acreage51 Lot Size \footnote{2} Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive |
| Actual Distance of Structure from Property Lines - Front 35° Side 35° Side 30° Rear 68° |
| Total Building Height 16 Number of Stories 1 Heated Floor Area 1939 Roof Pitch 6/12 |
| Porches 233 GARAGE 520 TOTAL 2692 |
| Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of |
| all laws regulating construction in this jurisdiction. |
| OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. |
| WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING |
| TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT. |
| 1,111 |
| Owner Builder or Agent (Including Contractor) Contractor Signature |
| STATE OF FLORIDA Contractors License Number Contractors License Number Contractors License Number |
| COUNTY OF COLUMBIA MY COMPLARY STAMPSEAL |
| Sworn to (or affirmed) and subscribed before me |
| this <u>End</u> day of <u>Aug</u> 20 <u>05</u> . |
| Personally known or Produced Identification Notary Signature |
| |

| Property Appraisers Parcel Identification: 3099-206 | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------|
| Folio Number(s): | | | |
| Grantee(s) S.S. # (s) 519-62-4669 and 518-58-9820 | | | |
| and Shilpa U. Mhatre hereinafter office address is 290 NW Indian Pond (Wherever used herein the terms "Grantor" and legal representatives, and assigns of individuals | Circle, Lake City, Florida 32055 | , hereinafter called G | P. Williams, Umesh M. Mhatre rgan, whose post Grantee. |
| legal representatives, and assigns of individuals, so admits or requires.) | and the successors and assigns of corporation | nument and the heirs, ons, wherever the context | |
| mitnesseth, That the Grantor, considerations, receipt whereof is h conveys, confirms unto the Grantee | ICICOV ACKNOWledged hereby | oronto bassis 1 | 11 |
| Lot 6, Stonehenge Phase 2, according the Public Records of Columbia C | ding to the map or plat thereof a county, Florida. | s recorded in Plat Boo | ok <u>8</u> , Pages <u>29 & 30</u> , of |
| | | | |
| | | | |

Consether, with all the tenements, hereditaments and appurtenances thereto belonging or in anywise

And the Grantor hereby covenants with said grantee that the grantor is lawfully seized of said land fee simple; that the grantor has good right and lawful authority to sell and convey said land and hereby warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever, and that said

I hereby Certify that on this day, before me, an officer duly authorized

to administer oaths and take acknowledgments, personally appeared

Printed Name

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above

The foregoing instrument was acknowledged before me on July 28, 2005, by <u>Donald E. Williams</u>, <u>Sandra P. Williams</u>, <u>Umesh M. Mhatre and Shilpa U. Mhatre</u> who are personally known to use or have produced ______ as identification.

land is free of all encumbrances, except taxes accruing subsequent to December 31, 2005.

appertaining. To Tune and to Told, the same in fee simple forever.

Signed, sealed and delivered in the presence of: call

Witness Signature (as to first Grantor) mccall Witness Signature (as to second Grantor) Signature (as to third Grantor)

Witness Signature (as to fourth Grantor)

Notary Rubber Stamp Seal

My Cemmi

aion DD150578

Witness my hand and official seal in the County and State last aforesaid this

Expires September 17 2086

State of Florida

Tetricia Notary Signature

County of Columbia

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: Address:

Morgan Model Home

Lot: 6, Sub: Stonehenge Ph2, Plat: unkn.

City, State: Owner:

Lake City, FL 32055-

Climate Zone:

Steve Morgan

Builder:

D. Williams

Permitting Office:

Columbia Co

Permit Number:

Jurisdiction Number: 124000 221000

| | Variable and the second | | | | CHAIN STORY OF THE STATE OF THE | | _ |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------|
| 1. | New construction or existing | | New | _ | 12. Cooling systems | | |
| 2. | Single family or multi-family | | Single family | 2000 | a. Central Unit | Cap: 35.0 kBtu/hr | |
| 3. | Number of units, if multi-family | | 1 | | | SEER: 10.00 | |
| 4. | Number of Bedrooms | | 3 | | b. N/A | | |
| 5. | Is this a worst case? | | No | | | | |
| 6. | Conditioned floor area (ft²) | | 1939 ft ² | 1000 | c. N/A | | |
| 7. | Glass area & type | Single Pane | Double Pane | | | | |
| a. | Clear glass, default U-factor | 0.0 ft ² | 200.0 ft ² | _ | 13. Heating systems | | |
| Ъ. | Default tint | 0.0 ft ² | 0.0 ft ² | | a. Electric Heat Pump | Cap: 35.0 kBtu/hr | |
| c. | Labeled U or SHGC | 0.0 ft² | 0.0 ft ² | _ | | HSPF: 7.90 | |
| 8. | Floor types | 0.0 1 | 0.0 11 | | b. N/A | _ | |
| a. | Slab-On-Grade Edge Insulation | R=0 | 0.0, 214.0(p) ft | - | | | |
| | N/A | | | _ | c. N/A | | |
| c. | N/A | | | - | | | |
| 9. | Wall types | | | | 14. Hot water systems | | |
| a. | Frame, Wood, Exterior | R=1 | 3.0, 1470.0 ft ² | | a. Electric Resistance | Cap: 30.0 gallons | |
| b. | N/A | | | | | EF: 0.90 | |
| c. | N/A | | | | b. N/A | | |
| d. | N/A | | | | | | |
| e. | N/A | | | | c. Conservation credits | | |
| 10. | Ceiling types | | | | (HR-Heat recovery, Solar | | |
| a. | Under Attic | R=3 | 0.0, 1939.0 ft ² | | DHP-Dedicated heat pump) | | |
| Ъ. | N/A | | | | 15. HVAC credits | PT, CF, | |
| c. | N/A | | | | (CF-Ceiling fan, CV-Cross ventilation, | | - |
| 11. | Ducts | | | Secretary 1 | HF-Whole house fan, | | |
| a. | Sup: Unc. Ret: Unc. AH: Garage | Sup. | R=6.0, 40.0 ft | | PT-Programmable Thermostat, | | |
| | N/A | • | | _ | MZ-C-Multizone cooling, | | |
| | | | | | MZ-H-Multizone heating) | | |
| | | | | | | | - |
| | | | | | | | |
| | | | - | | | SPIGNATE DEST | \Box |

Glass/Floor Area: 0.10

Total as-built points: 24759

PASS Total base points: 28393

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

PREPARED, BY:

Tim Delbene

DATE: 4/25/05

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.



THE STA

| BUILDING | OFFICIAL: |
|----------|-----------|
| | O |

EnergyGauge® (Version: FLRCPB v3.30)

DATE:

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Stonehenge Ph2, Plat: unkn., Lake City, FL, 32055- PERMIT #:

| | BASE | | | | | AS- | BUI | LT | AS-BUILT | | | | | | | | | |
|-----------------|----------|---------|----------|---------------------------|-------|---------------|-------|---------|----------|-------|----------|---------|--|--|--|--|--|--|
| GLASS TYPES | | | | | | | | | | | | | | | | | | |
| .18 X Condition | | SPM = F | Points | Type/SC | Ornt | erhang Len | Hgt | Area X | SPI | их | SOF = | Points | | | | | | |
| .18 1939 | 0.0 | 20.04 | 6994.4 | Double, Clear | N | 2.0 | 5.0 | 9.0 | 19.2 | 20 | 0.87 | 150.5 | | | | | | |
| | | | | Double, Clear | N | 2.0 | 7.0 | 15.0 | 19.2 | 20 | 0.92 | 265.6 | | | | | | |
| | | | | Double, Clear | N | 10.0 | 7.0 | 30.0 | 19.2 | 20 | 0.66 | 380.3 | | | | | | |
| | | | | Double, Clear | N | 7.0 | 7.0 | 26.0 | 19.2 | 20 | 0.71 | 354.9 | | | | | | |
| | | | | Double, Clear | E | 2.0 | 4.0 | 3.0 | 42.0 | 6 | 0.73 | 91.5 | | | | | | |
| | | | | Double, Clear | E | 2.0 | 7.0 | 15.0 | 42.0 | 6 | 0.89 | 559.0 | | | | | | |
| | | | | Double, Clear | S | 2.0 | 7.0 | 72.0 | 35.8 | 7 | 0.82 | 2118.0 | | | | | | |
| | | | | Double, Clear | W | 2.0 | 7.0 | 30.0 | 38.5 | 2 | 0.89 | 1024.8 | | | | | | |
| | | | | As-Built Total: | | | | 200.0 | | | | 4944.6 | | | | | | |
| WALL TYPES | Area X | BSPM | = Points | Туре | | R-N | /alue | Area | X | SPN | 1 = | Points | | | | | | |
| Adjacent | 0.0 | 0.00 | 0.0 | Frame, Wood, Exterior | 167.5 | | 13.0 | 1470.0 | | 1.50 | F 30. 10 | 2205.0 | | | | | | |
| Exterior | 1470.0 | 1.70 | 2499.0 | Traine, vvood, Exterior | | | 10.0 | 1470.0 | | 1.50 | | 2203.0 | | | | | | |
| Base Total: | 1470.0 | | 2499.0 | As-Built Total: | | | | 1470.0 | | | | 2205.0 | | | | | | |
| DOOR TYPES | Area X | BSPM | = Points | Туре | | | | Area | х | SPI | 1 = | Points | | | | | | |
| Adjacent | 0.0 | 0.00 | 0.0 | Exterior Insulated | | 1.44 | | 21.0 | | 4.10 | | 86.1 | | | | | | |
| Exterior | 42.0 | 6.10 | 256.2 | Exterior Insulated | | | | 21.0 | | 4.10 | | 86.1 | | | | | | |
| Base Total: | 42.0 | | 256.2 | As-Built Total: | | | | 42.0 | | | | 172.2 | | | | | | |
| CEILING TYPE | S Area X | BSPM | = Points | Туре | | R-Valu | e A | rea X S | PM | x sc | M = | Points | | | | | | |
| Under Attic | 1939.0 | 1.73 | 3354.5 | Under Attic | | | 30.0 | 1939.0 | 1.73 > | (1.00 | | 3354.5 | | | | | | |
| Base Total: | 1939.0 | | 3354.5 | As-Built Total: | K Jan | | | 1939.0 | | | | 3354.5 | | | | | | |
| FLOOR TYPES | Area X | BSPM : | = Points | Туре | | R-N | /alue | Area | х | SPN | = | Points | | | | | | |
| Slab | 214.0(p) | -37.0 | -7918.0 | Slab-On-Grade Edge Insula | ation | 11 196 | 0.0 | 214.0(p | | 41.20 | N | -8816.8 | | | | | | |
| Raised | 0.0 | 0.00 | 0.0 | | | | | | | | | | | | | | | |
| Base Total: | | | -7918.0 | As-Built Total: | | | 17 | 214.0 | | | | -8816.8 | | | | | | |
| INFILTRATION | Area X | BSPM : | = Points | | | | | Area | X | SPIV | l = | Points | | | | | | |
| | 1939.0 | 10.21 | 19797.2 | | | 1 300 | WY. | 1939.0 | | 10.21 | No. | 19797.2 | | | | | | |

EnergyGauge® DCA Form 600A-2001

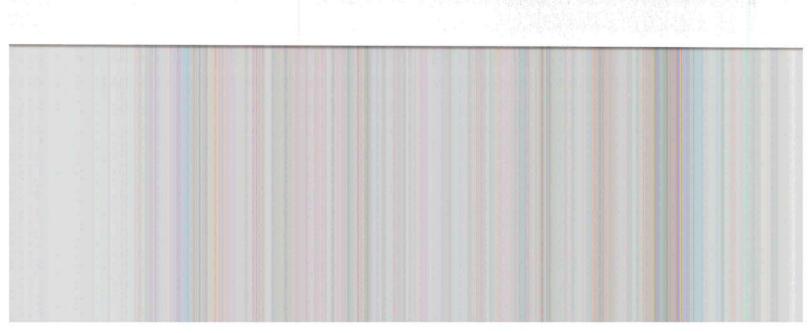
SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Stonehenge Ph2, Plat: unkn., Lake City, FL, 32055- PERMIT #:

| .2 | BASE | | AS-BUILT | | | | | | | | | | | |
|------------------------|------------------------|---------------------|------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Summer Bas | se Points: | 24983.2 | Summer As-Built Points: | | | | | | | | | | | |
| Total Summer Points | X System Multiplier | = Cooling Points | Total X Cap X Duc Component Ratio Multipl (DM x DSM) | | | | | | | | | | | |
| 24983.2 | 0.4266 | 10657.8 | 21656.6 1.000 (1.090 x 1.14 21656.6 1.00 1.25 | | | | | | | | | | | |

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WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Stonehenge Ph2, Plat: unkn., Lake City, FL, 32055- PERMIT #:

| | BASE | | | 18 | | AS | -BU | ILT | | | 10.1 |
|------------------------------------------|--------------|-------------|----------|---------------------------|-------|---------|-------------------|----------------|-----------|-------|----------|
| GLASS TYPES | | | | | | 12/4 | | Description of | | | W.F |
| .18 X Condition | ed X B | WPM = | Points | U 10 | 0 | verhang | 1 | | | | |
| Floor Are | ea | | | Type/SC | Om | | STATE OF BUILDING | Area X | WPM | X WC | F = Poin |
| .18 1939.0 | | 12.74 | 4446.5 | Double, Clear | - 1 | 2.0 | 5.0 | 9.0 | 24.58 | 1.01 | 222.7 |
| | | | | Double, Clear | N | 2.0 | 7.0 | 15.0 | 24.58 | 1.00 | 369.9 |
| | | | | Double, Clear | N | 10.0 | 7.0 | 30.0 | 24.58 | 1.02 | 753.7 |
| | | | | Double, Clear | N | 7.0 | 7.0 | 26.0 | 24.58 | 1.02 | 650.7 |
| | | | | Double, Clear | E | 2.0 | 4.0 | 3.0 | 18.79 | 1.12 | 63.1 |
| | | | | Double, Clear | E | 2.0 | 7.0 | 15.0 | 18.79 | 1.05 | 294.7 |
| | | | | Double, Clear | S | 2.0 | 7.0 | 72.0 | 13.30 | 1.17 | 1121.1 |
| | | | | Double, Clear | W | 2.0 | 7.0 | 30.0 | 20.73 | 1.03 | 641.3 |
| | 1 | | | As-Built Total: | | | | 200.0 | | | 4117.1 |
| WALL TYPES | Area X | BWPM | = Points | Туре | | R- | Value | Area | x w | PM = | Points |
| Adjacent | 0.0 | 0.00 | 0.0 | Frame, Wood, Exterior | | 177 | 13.0 | 1470.0 | 3 | 40 | 4998.0 |
| F145000000000000000000000000000000000000 | 1470.0 | 3.70 | 5439.0 | Traine, Trood, Exterior | | | 10.0 | 1470.0 | 3. | 40 | 4990.0 |
| Base Total: | 1470.0 | | 5439.0 | As-Built Total: | | | | 1470.0 | | | 4998.0 |
| DOOR TYPES | Area X | BWPM | = Points | Туре | | | | Area | x w | PM = | Points |
| Adjacent | 0.0 | 0.00 | 0.0 | Exterior Insulated | | | | 21.0 | | 40 | 176.4 |
| Exterior | 42.0 | 12.30 | 516.6 | Exterior Insulated | | | | 21.0 | - Delta | 40 | 176.4 |
| | 2-5 Min 2-72 | 11-11-11-11 | | Exterior modulated | | | | 21.0 | 0. | 40 | 170.4 |
| Base Total: | 42.0 | | 516.6 | As-Built Total: | | - 10 | | 42.0 | | | 352.8 |
| CEILING TYPES | Area X | BWPM | = Points | Туре | F | R-Value | Ar | ea X W | PM X V | VCM = | Points |
| Under Attic | 1939.0 | 2.05 | 3974.9 | Under Attic | | 1179 | 30.0 | 1939.0 | 2.05 X 1. | 00 | 3974.9 |
| Page Totals | 4020.0 | | 2074.0 | | | | | | | | |
| Base Total: | 1939.0 | | 3974.9 | As-Built Total: | _ | | | 1939.0 | | | 3974.9 |
| FLOOR TYPES | Area X | BWPM | = Points | Туре | 211 | R-\ | /alue | Area | X W | PM = | Points |
| Slab 21 | 14.0(p) | 8.9 | 1904.6 | Slab-On-Grade Edge Insula | ation | - 5-4 | 0.0 | 214.0(p | 18. | 80 | 4023.2 |
| Raised | 0.0 | 0.00 | 0.0 | | | | | | | | |
| Base Total: | | | 1904.6 | As-Built Total: | | | | 214.0 | | | 4023.2 |
| INFILTRATION | Area X | BWPM : | = Points | , | | | | Area 2 | X WF | PM = | Points |
| | 1939.0 | -0.59 | -1144.0 | | | | Naga i | 1939.0 | | 50 | 4444.5 |
| | | 2.00 | | | | - | The state of | 1939.0 | , -0 | .59 | -1144.0 |

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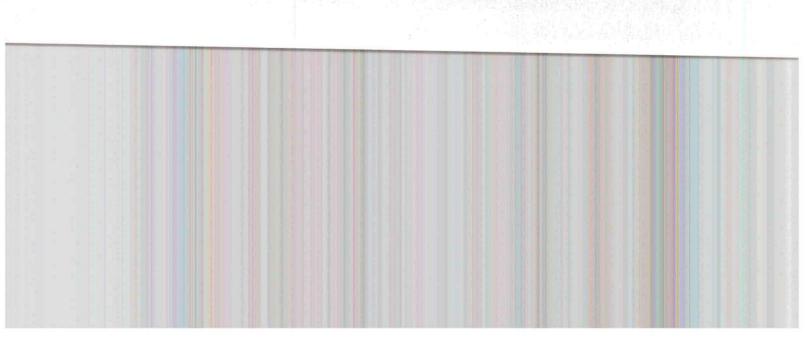
WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Stonehenge Ph2, Plat: unkn., Lake City, FL, 32055- PERMIT #:

| | BASE | | | | | | | |
|--------------------------|------------------------|-------------------|---------------------------|----------------------|----------------------------------------|------------------------|-----------------------|-------------------------|
| Winter Base | Points: | 15137.7 | Winter As- | 16322.1 | | | | |
| Total Winter X Points | System = Multiplier | Heating Points | Total) Component | Cap Ratio | | System X Multiplier | Credit Multiplier | = Heating |
| 15137.7 | 0.6274 | 9497.4 | 16322.1 16322.1 | 1.000 1.00 | (1.069 x 1.169 x 1.00) 1.250 | 0.432 0.432 | 0.950 0.950 | 8364.1 8364.1 |

EnergyGauge™ DCA Form 600A-2001



WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Stonehenge Ph2, Plat: unkn., Lake City, FL, 32055- PERMIT #:

| | Е | BASE | | | AS-BUILT | | | | | | | | | | |
|------------------------------------|---|------------|---|--------|----------------|------|--------------------|---|-----------------|--------------|----------|--------|--|--|--|
| WATER HEA Number of Bedrooms | X | Multiplier | = | Total | Tank Volume | EF | Number of Bedrooms | x | Tank X Ratio | Multiplier X | Credit = | Tota | | | |
| 3 | | 2746.00 | | 8238.0 | 30.0 | 0.90 | 3 | 7 | 1.00 | 2684.98 | 1.00 | 8054.9 | | | |
| | | | | | As-Built To | tal: | _ 1.5 | | | | | 8054.9 | | | |

| | | | | CODE | CC | MPLI | ANCE | ST | ATUS | 3 | | | | |
|-------------------|---|-------------------|---|---------------------|----|-----------------|-------------------|----|-------------------|---|---------------------|--|-----------------|--|
| BASE | | | | | | | AS-BUILT | | | | | | | |
| Cooling Points | + | Heating Points | + | Hot Water Points | = | Total Points | Cooling Points | + | Heating Points | + | Hot Water Points | | Total Points | |
| 10658 | | 9497 | | 8238 | | 28393 | 8340 | | 8364 | | 8055 | | 24759 | |

PASS



EnergyGauge™ DCA Form 600A-2001

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 6, Sub: Stonehenge Ph2, Plat: unkn., Lake City, FL, 32055- PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

| COMPONENTS | SECTION | REQUIREMENTS FOR EACH PRACTICE | 7 | | | | | |
|-------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--|--|--|--|--|
| Exterior Windows & Doors | 606.1.ABC.1.1 | Maximum: 3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area. | CHECK | | | | | |
| Exterior & Adjacent Walls | 606.1.ABC.1.2.1 | Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate. | ~ | | | | | |
| Floors | 606.1.ABC.1.2.2 | Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams. | V | | | | | |
| 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. | 1 | | | | | |
| Multi-story Houses | 606.1.ABC.1.2.5 | Air barrier on perimeter of floor cavity between floors. | .1/1 | | | | | |
| Additional Infiltration reqts | 606.1.ABC.1.3 | Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air. | NA | | | | | |

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

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

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

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

PERRY/CR 04-2845

Stonehenge Ph. 2
Lot 6

North

Vacant

Vacant

Driveway

Driveway

Driveway

171'

Site 1

TBM in 8" oak

in clump

0508.12

Waterline

Vacant

Swale

128'

50'

75'

No slope

92'

Vacant

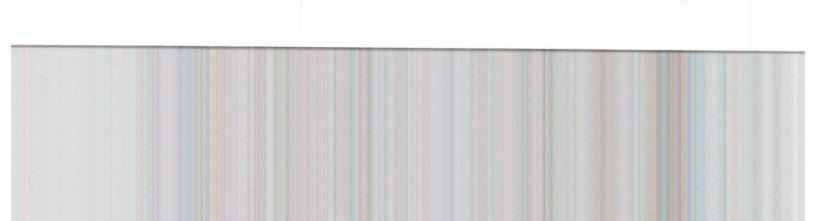
1 inch - 50 feet

| ite Plan Submitted | Not Approved Date | Date 6/21/05 |
|--------------------|---------------------|--------------|
| Sallie | Graddy-EST-COLUMBIA | СРНИ |
| tes: | 0 | |

Columbia County Building Department Culvert Permit

Culvert Permit No. 000000776

| DATE 08/1 | 9/2005 | PARCEL ID # 23-4S- | 16-03099-206 | | |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------|
| APPLICANT | STEPHEN D. MORGAN | | PHONE | 386.755.4216 | |
| ADDRESS _ | 290 NW INDIAN POND | CT | LAKE CITY | FL | 32055 |
| OWNER ST | EPHEN J. MORGAN | | _ PHONE | 387.755-4216 | 9 |
| ADDRESS 1 | 18 SW GUINEVERE WA | ΛY | LAKE CITY | FL | 32024 |
| CONTRACTO | R FREDERICK PERRY | | PHONE | 386.752.2832 | |
| LOCATION OF | F PROPERTY 90-W TO | O SISTERS WELCOME RD | TR ON STONEHE | NGE, THRU 4-WAY | Y STOP SIGN, 1ST |
| | | | | 700 | |
| SUBDIVISION | /LOT/BLOCK/PHASE/ | UNIT STONEHENGE | | 6 | |
| SIGNATURE | 1 Sty M. | My State of the st | | | |
| | INSTALLATION | EQUIREMENTS | | | |
| X | Culvert size will be 18 | 3 inches in diameter wit ends will be mitered 4 f | h a total lenght o oot with a 4:1 s | f 32 feet, leaving lope and poured | g 24 feet of with a 4 inch |
| | a) a majority of the c b) the driveway to be Turnouts shall be c concrete or paved | TE: Turnouts will be recurrent and existing drive served will be paved of concrete or paved a mindriveway, whichever is ag paved or concreted tu | reway turnouts as or formed with co imum of 12 feet greater. The wid | re paved, or; oncrete. wide or the widt | h of the to the |
| | Culvert installation sha | all conform to the appro | ved site plan star | ndards. | |
| | Department of Transpo | ortation Permit installati | on approved star | ndards. | |
| | Other | | | | |
| | | | | 1 | |
| DURING THE INS | FETY REQUIREMENTS S. | | | | A COUNTY |
| Lake City, FL 3 | do Ave., Suite B-21 2055 | Amount P | aid 25.00 | GIN | 人。到篇 |



Lake City, FL 32055

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

NOTICE OF COMMENCEMENT FORM COLUMBIA COUNTY, FLORIDA

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

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

Tax Parcel ID Number 23-45-16-03099 - 206

| | Way L.C. 32024 |
|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Way L.C. 32024 |
| | Inst:2005020286 Date:08/19/2005 Time:17:03DC,P.DeWitt Cason,Columbia County B:1055 P:21 |
| | New Hase. |
| Owner Name & Address Steve at 3 | Diane Morgan 290 N. W. Indian Pard ct. |
| Lake City Fl 32025 | Interest in Property |
| Name & Address of Fee Simple Owner | (if other than owner): |
| Contractor Name Fred Perry | Phone Number _ 752-2832 |
| 1. 100 Jacore | |
| Outery Holders Haille N. / M | Phone Number |
| - 1441000 | |
| | |
| Lender Name N/A | Phone Number |
| Address | · none ramber |
| address 5. W. Schre. | Phone Number 752-2832 |
| in addition to himself/herself the owner | r designatos |
| 10 | receive a copy of the Lienor's Notice of the control of the Lienor's Notice of the copy of the Lienor's Notice of the copy of |
| _ | _ (Job) /3 a - JY 3A . |
| (Unless a different date is specified) | encement (the expiration date is 1 (one) year from the date of recording, |
| (- mare a amoretic date is specified) | |
| | |
| ICE AS PER CHAPTER 713 Florida Sta | tutes: |
| ICE AS PER CHAPTER 713 Florida Sta | tutes: cement and no one else may be permitted to sign in his/her stead. |
| ICE AS PER CHAPTER 713 Florida Sta | cement and no one else may be permitted to sign in his/her stead. |
| ICE AS PER CHAPTER 713, Florida Sta owner must sign the notice of commen | cement and no one else may be permitted to sign in his/her stead. |
| ICE AS PER CHAPTER 713 Florida Sta | tutes: cement and no one else may be permitted to sign in his/her stead. Sworn to (or affirmed) and subscribed before not be day of |

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:1SRF487-Z0118155756 # 23513

Truss Fabricator: Anderson Truss Company

Job Identification: 5-197-STEVE MORGAN/ FREDRICK CONST

Truss Count: 1

Model Code: Florida Building Code Truss Criteria: ANSI/TPI-1995 (STD) /FBC

Engineering Software: Alpine Software, Version 7.04.

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

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: HCUSR487

No Standard Details

| # | Ref | Description | Drawing# | Date |
|---|--------|-------------|----------|----------|
| 1 | 18345- | -AV | 05291002 | 10/18/05 |

-Truss Design Engineer-Arthur R. Fisher Florida License Number: 59687 1950 Marley Drive Haines City, FL 33844



HIS UNG PREPAREU FRUM CUMPULER INPUT (LUAUS & UIMENSIUNS) SUBMITTEU BY TRUSS MPR. DRW HCUSR487 05291002 REF R487-- 18345 JREF- 1SRF487_Z01 10/18/05 Scale =.125"/Ft 160627 HC-ENG DF/AF 110 mph wind, 12.85 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. SEON-DATE 20.0 PSF 10.0 PSF 10.0 PSF 0.0 PSF 40.0 PSF 24.0" FL/-/3/-/-/R/-1.25 DUR. FAC. SPACING TOT.LD. BC LL TC DL BC DL 7Y:6 R=1251 U=288 W=3.5" 0-0-2 2.5X6(A1) ≡ 1.5X4W 7.04.08 **IMPORTANT**FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVLATION ERON THIS DESIGN. THAT FALLURE IN CONTRACT TO BE STALLED THE FOREIGN OF TRACES IN CONTROLLED THE PROPERTY OF THE TRACES IN CONTROLLED THE PROPERTY OF THE TRACES AND THE STALLED THE SARE HADE OF 20/18/166A. TO CONTROLLED THE SECEND THE SARE HADE OF 20/18/166A. THE STALLED OF THIS DESIGN. FOREIGN STEEL. APPLY THE CONTROLLED OF THIS DESIGN. FOREIGN STEEL. APPLY ANY HISPECTION OF PALTES FOLIOWED BY 1/15 SHALLED OF HIS DESIGN. FOREIGN STEEL, APPLY DEPARTS FOR THE STALLED OF THE SECION STEEL. APPLY ANY HISPECTION OF PALTES FOLIOWED BY 1/15 SHALL BE FER ANKEX A3 OF TP11.200.2 SEC.3. A SEAL ON THIS BUILDING IS SHALLED TO REPORT STEEL. APPLY DESIGN. FOREIGN SHOWN. THE SULFABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING IS THE RESPONSIBILITY OF THE **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACHNG, REFER TO BESTS 1-03 QUELLOING COMPONENT SAFETY HYDRANCHON, PUBLISHED BY THE (TASSE PARE INSTITUTE, 583 D'ONGERIO BE., SUITE 700, MADISON, HI 527379) AND WICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERRISE LA MADISON, HI 52739) FOR SAFETY PRACTICES PRIOR TO PERFORMENT THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYE A PROPERLY ATTACHED. 1.5X4 Ⅲ 20-0-0 3X5W Design Crit: TPI-1995(STD)/FBC 3X4 -40-0-0 Over 3 Supports 3×7₩ 3×4# =9 X 9 R=2338 U=349 W=4" 3X4# 2.5X6# Deflection meets L/360 live and L/240 total load. 8-7-0 20-0-0 (5-197-STEVE MORGAN/ FREDRICK CONST - AV) 3X5# 3X5# =9 X S R=-133 U=180 W=3.5" **-8-2-0** Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 $2.5 \times 6 (A1) \equiv$ Alpine Engineered Products, Inc. 1930 Marley Drive Haines City, Ft. 33844
FL Certificate of Authorization # 567 PLT TYP. Wave TPI ALPINE

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:1SRF487-Z0118155756

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