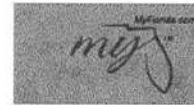
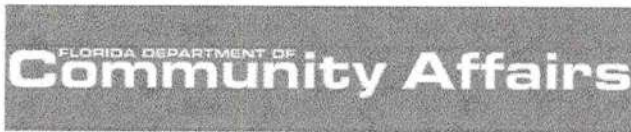


1-27-10 *and*
Pulled OFF-Home



[DCA HOME](#) [ABOUT DCA](#) [DCA PROGRAMS](#) [CONTACT DCA](#)

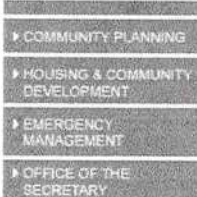
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Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**



FL #

FL7809-R2

Application Type

Revision

Code Version

2007

Application Status

Approved

Comments

Archived



Product Manufacturer

MILLENNIUM METALS INC.

Address/Phone/Email

1333 HAINES STREET EXP
JACKSONVILLE, FL 32202
(877) 358-7663
tmccogan@aol.com

Authorized Signature

James L. Buckner, P.E. @ CBUCK, Inc.
jimmy@cbuckinc.net

Technical Representative

Address/Phone/Email

Quality Assurance Representative

Address/Phone/Email

Category

Roofing

Subcategory

Metal Roofing

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer

☒ Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report

James L. Buckner, P.E. @ C-Buck, Inc.

Florida License

PE-#31242

Quality Assurance Entity

Keystone Certifications, Inc.

Quality Assurance Contract Expiration Date

12/31/2011

Validated By

Steven M. Ulrich, PE

☒ Validation Checklist - Hardcopy Received

Certificate of Independence

[FL7809_R2_COI_CertificateOfIndependence.pdf](#)

Referenced Standard and Year (of Standard)

Standard

UL 580 with 1998 Revisions

Year

1994

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

05/04/2009

Date Validated

06/25/2009

Date Pending FBC Approval

07/01/2009

Date Approved

08/11/2009

Summary of Products

FL #	Model, Number or Name	Description
7809.1	1-"5-V Crimp And Millennium-V"	Minimum 26 Gauge Steel, Max. 24" Wide Panel Attached to 1/2" Plywood Deck
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +N/A/- 113.75 Other: Refer to Evaluation Report for System Limitations.		Installation Instructions FL7809_R2_II_1_5VandMillenniumV_24in_26GaSteelOnHalfInchWood_EVALREPORT.pdf Verified By: James L. Buckner, P.E. @ C-Buck, Inc. P.E. #31242 Created by Independent Third Party: Yes Evaluation Reports FL7809_R2_AE_1_5VandMillenniumV_24in_26GaSteelOnHalfInchWood_EVALREPORT.pdf Created by Independent Third Party: Yes
7809.2	2-"Rib Panel"	Minimum 29 Gauge Steel, Max. 36" Wide Panel Attached to 1/2" Plywood Deck
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +N/A/- 113.75 Other: Refer to Evaluation Report for System Limitations.		Installation Instructions FL7809_R2_II_2_RibPanel_36in_29GaSteelOnHalfInchWood_EVALREPORT.pdf Verified By: James L. Buckner, P.E. @ C-Buck, Inc. P.E. #31242 Created by Independent Third Party: Yes Evaluation Reports FL7809_R2_AE_2_RibPanel_36in_29GaSteelOnHalfInchWood_EVALREPORT.pdf Created by Independent Third Party: Yes

Back

Next

DCA Administration

Department of Community Affairs
 Florida Building Code Online
 Codes and Standards
 2555 Shumard Oak Boulevard
 Tallahassee, Florida 32399-2100
 (850) 487-1824, Fax (850) 414-8436

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Product Approval Accepts:



Thanks to all authors for creating a page that has been read 334,597 times.

Was this article accurate?

Yes No

Write An Article Random Article

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Etch Glass by Sandblasting
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My Drafts
My Contributions
My Fan Mail
My Preferences
Log Out

Cut mirrored glass on the reflective side, not on the painted side. You will not be able to score the glass if you r

[edit](#) [Warnings](#)

If you apply a decent amount of pressure and nothing happens, stop. You are going to cut yourself. Imagine the
Edges are sharp and will cut you badly; respect glass or it will hurt you. Stitches are not unlikely, and they are c
Wear gloves. Edges and points are very sharp. So wear a heavy cloth glove or leather. But it should fit snugly s
Wear goggles. If the glass cracks irregularly a piece could shoot off towards your face.
Be sure and clean your work area thoroughly to clean up any bits of glass you might have created. Even if you c
Never consume or leave food or drink in areas where you're working with glass.
If you do not achieve a proper scoring of the glass, do not go back over it with the glass cutter as it will damage
Glass cutting doesn't work with tempered glass because it is vulnerable to break up in little pieces.

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[How to Differentiate Pressed from Cut Glass](#)
[How to Etch Glass by Sandblasting](#)
[How to Paint on Glass and Have a Smooth Finished Effect](#)
[How to Generate Glass Cutting Pattern Using Gncutter](#)
[How to Cut a Glass Bottle](#)

[Articles for You to Write](#)

Here is a list of suggested articles that have not yet been written. You can help by researching and writing one c

[How to Tell if Glass is Cut](#)
[How to Work With Tempered Glass](#)
[How to Cut Shapes in Glass Tile](#)
[How to Cut Glass for Crafts](#)
[How to Glass Cutting Instructions](#)

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November 4, 2009 by Sakae

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DATE 01/08/2010

Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000028314

APPLICANT MATT CASON PHONE 755-8887
ADDRESS 295 NW COMMONS LOOP LAKE CITY FL 32055
OWNER ROBERT TAYLOR PHONE 497-1134
ADDRESS 227 SW COOPER TERR FT. WHITE FL 32038
CONTRACTOR BRIAN CRAWFORD PHONE 755-8887
LOCATION OF PROPERTY 441S, TR CR 131, TR CR 18, TR COOPER TERR.,1ST ON LEFT

TYPE DEVELOPMENT RE-ROOF ON SFD ESTIMATED COST OF CONSTRUCTION 7000.00
HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES
FOUNDATION WALLS ROOF PITCH FLOOR
LAND USE & ZONING MAX. HEIGHT
Minimum Set Back Requirments: STREET-FRONT REAR SIDE
NO. EX.D.U. FLOOD ZONE N/A DEVELOPMENT PERMIT NO.

PARCEL ID 30-6S-17-09813-012 SUBDIVISION
LOT BLOCK PHASE UNIT TOTAL ACRES

CCC1326779

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING X10-010 BK HD N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILECheck # or Cash 4078

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power Foundation Monolithic
date/app. by date/app. by date/app. by
Under slab rough-in plumbing Slab Sheathing/Nailing
date/app. by date/app. by date/app. by
Framing Insulation
date/app. by date/app. by
Rough-in plumbing above slab and below wood floor Electrical rough-in
date/app. by date/app. by
Heat & Air Duct Peri. beam (Lintel) Pool
date/app. by date/app. by date/app. by
Permanent power C.O. Final Culvert
date/app. by date/app. by date/app. by
Pump pole Utility Pole M/H tie downs, blocking, electricity and plumbing
date/app. by date/app. by date/app. by
Reconnection RV Re-roof
date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 35.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD-ZONE FEE \$ CULVERT FEE \$ TOTAL FEE 35.00
INSPECTORS OFFICE CLERKS OFFICE

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

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

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Millennium Metals Inc.

10200 Eastport Road
Jacksonville, FL 32218
Phone (904) 358-8366 Fax (904) 358-8285

Thank you for contacting me about your question on re-roofing with Rib Panel over shingles. Over half of the applications sold in Florida are re-roofing projects most of which are installed over existing shingle roofs. It is a common practice.

The Florida building code states that if two or more layers of shingle are present then both layers must be removed. Removal is not necessary as only one layer of shingle is present. We recommend a minimum 30# felt paper or separation sheet be used on top of the shingles to help with any abrasion or condensation. Shark Skin exceeds the performance of felt paper as do many other options available on the market today. The Rib Panel should be installed according to our Florida Building Code number 7809.2 over the underlayment.

I would be happy to discuss any questions that you may have. You may reach me toll free at 1-877-358-7663.

Sincerely,

Tonya Steele

Millennium Metals Inc.

10200 Eastport Road
Jacksonville, FL 32218
Phone (904) 358-8366 Fax (904) 358-8285

Thank you for contacting me about your question on re-roofing with Rib Panel over shingles. Over half of the applications sold in Florida are re-roofing projects most of which are installed over existing shingle roofs. It is a common practice.

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I would be happy to discuss any questions that you may have. You may reach me toll free at 1-877-358-7663.

Sincerely,

Tonya Steele

COLUMBIA COUNTY INSPECTION SHEET

DATE 01/22/2010 TAKEN BY CS

INSPECTION DATE: 1/25/10

BUILDING PERMIT # 000028314 CULVERT / WAIVER PERMIT # _____ WAIVER _____

PARCEL ID # 30-6S-17-09813-012 ZONING _____

TYPE OF DEVELOPMENT RE-ROOF ON SFD

SETBACKS: FRONT _____ REAR _____ SIDE _____ HEIGHT _____

FLOOD ZONE N/A SEPTIC X10-010 NO. EXISTING D.U. _____

SUBDIVISION _____ Lot ____ Block ____ Unit ____ Phase ____

OWNER ROBERT TAYLOR PHONE 497-1134

ADDRESS 227 SW COOPER TERR FT. WHITE FL 32038

CONTRACTOR BRIAN CRAWFORD PHONE 755-8887

LOCATION 441S, TR CR 131, TR CR 18, TR COOPER TERR., 1ST ON LEFT

COMMENTS: NOC ON FILE

INSPECTION(S) REQUESTED:

☐ Temp Power ☐ Foundation ☐ Set backs
☐ Mono Slab ☐ Under Slab Rough-in ☐ Slab
☐ Sheathing/Nailing ☐ Insulation ☐ Framing
☐ Above slab Rough-in ☐ Electrical Rough-in
☐ Heat & A/C ☐ Beam (Lintel) ☐ Perm Power
☐ CO Final ☐ Culvert ☐ Reconnection
☐ Pool ☐ MH Perm Power ☐ Utility Pole
☐ RV Power ☒ Re-Roof ☐ Other

INSPECTORS:

APPROVED _____ NOT APPROVED ☒ BY 303 POWER CO. _____

INSPECTORS COMMENTS: NOT Ready - owner HAS
SOME "ISSUES" w/JOA

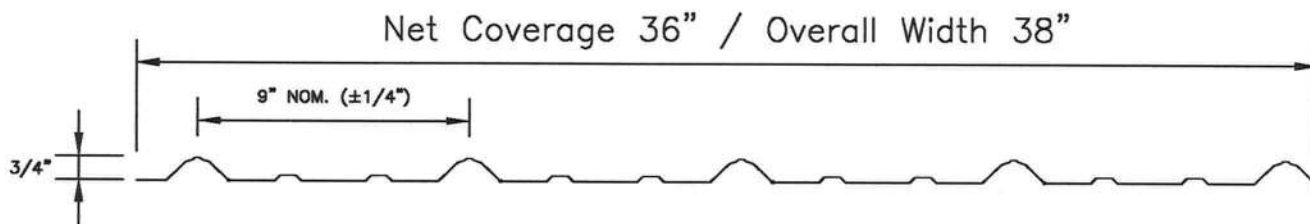
http://g2.columbia.floridapa.com/GIS/Print_Map.asp?pjboiibchhjbnligafceelbjemnolkjkm... 1/25/2010



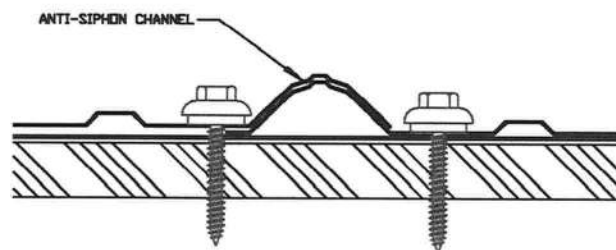
MILLENNIUM METALS, INC.

10200 EASTPORT ROAD JACKSONVILLE, FL 32218
LOCAL 904-358-8366 WATTS 1-877-358-Roof (7663)
FAX 904-358-8285 MMI2000.NET

RIB PANEL



PANEL PROFILE



Sidelap Detail

PITCH ALERT: THIS PRODUCT SHOULD NOT BE USED ON APPLICATIONS LESS THAN 3:12 PITCH WITHOUT A SECONDARY UNDERLAYMENT SUCH AS PEEL & SEAL AND SIDE LAP SEALANT APPLIED TO SIPHON CHANNEL. THE MINIMUM PITCH ALLOWANCE WITH THE SECONDARY UNDERLAYMENT AND SIDE LAP SEALANT IS 2:12.

Specifications:

Gauge	Finishes	Nominal Thickness	ASTM & Grade Specifications
29	Galvanized	.0142	ASTM A-653 Grade 80 Structural Steel
29	PTD Galvanized *	.0142	ASTM A-755 Grade 80 Structural Steel
26	PTD Galvanized **	.0185	ASTM A-755 Grade 80 Structural Steel
29	Acrylic Galvalume	.0142	ASTM A-792 AZ55 Grade 80 Structural Steel
26	Acrylic Galvalume	.0185	ASTM A-792 AZ55 Grade 80 Structural Steel

PTD Material is siliconized polyester unless otherwise noted.

Millennium Metals Offers a Limited 40 year warranty on Painted Panels, 25 year limited warranty on Mill Finished Galvalume Panels. Please request warranty information from your distributor.

* 29 colors: Red, White, Blue, Gray, Hunter Green, Stone, Brown, Charcoal, Tan, Ivory, Burgundy & Burnished Slate

** 26 colors: Red, Reflective White, Gallery Blue, Gray, Hunter Green, Stone, Brown, Charcoal, Tan & Ivory

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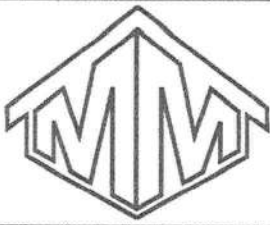
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FAX: 904-358-8285

MMI2000.NET

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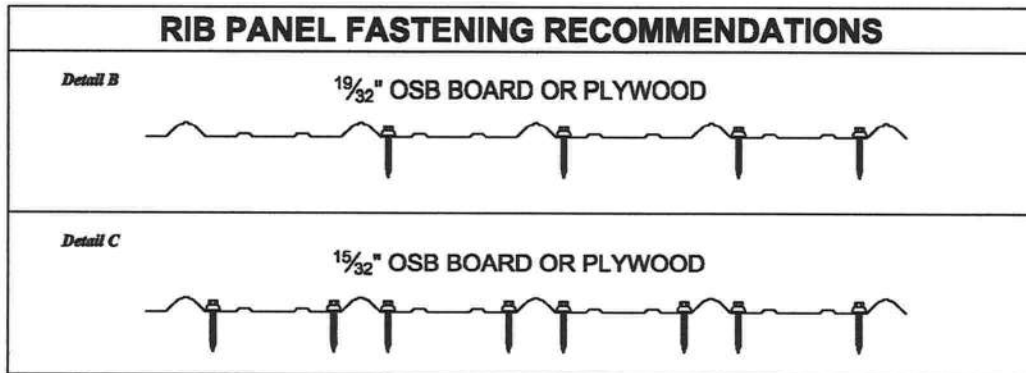
PAGE 1



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Rib Panel Installation Instructions:



Roof Application:

Step 1: Make sure the deck is even and square. Millennium Metals recommends the use of 1/2" plywood or OSB board attached in accordance with code. The deck must be supported by an engineered truss system not to exceed 24" on center. A moisture barrier such as 30# felt or other ASTM approved underlayment should be used over decking to control moisture. Metal should never come in direct contact with green or pressure treated lumber, as it will cause corrosion. If tin tabs are required to attach felt it will be necessary to apply a 15# felt in the direction of the panel as an additional separation barrier.

Step 2: Install Eave Drips/Roof Edge and Valleys according to details. Remember to use inside closure strips between Eave and Panel to eliminate water infiltration.

Step 3: Panel placement should begin on the gable end opposite the prevailing wind. Starter edge should be the lap edge. (Opposite of Purlin Bearing Leg) After laying first panel, check for squareness. Panel 2 should be lapped over purlin bearing leg of panel 1 with the lap edge. A minimum of 1" overhang is recommended at the eave. Alternative method of panel placement may begin in the center of the roof. Often this method is used when the area to be covered is not divisible by 3' or traditional placement allows for a pipe flashing to occur in a side lap. Endlaps must be a minimum of 12" and two strips of butyl sealant tape is recommended 8" on the uphill side of the lap to keep watertight.

Step 4: Fasten panel according to detail B or C based on approved solid substrate selection. Detail C shows additional screws to be spaced on each side of major ribs for all eaves, ridges, and endlaps.

Step 5: Any field cutting must be done with metal nibblers, metal snips, or blades designed for metal cutting. No cutting should be done on the roof, as it will cause iron shavings to be spread and adhere to roof panels. Proper cutting should be done with the panels finished side down. Do not use graphite, lead, or any other marking devices that may stain panel and void warranty.

Step 6: Install the remaining accessories such as pipe boots; rib profile vents, ridge caps, gable flashings, butyl sealant, caulks, and closures are necessary to maintain watertight seals. Inspect screw fasteners to insure that they are installed properly.

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PAGE 2



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FAX 904-358-8285 MMI2000.NET

Step 7: Fasteners should penetrate deck material by 1/4"

FASTENERS		
CORRECT	TOO LOOSE	TOO TIGHT
		
EPDM MATERIAL VISIBLE AT WASHER. FASTENER IS PROPERTY INSTALLED.	EPDM NOT AT VISIBLE JOINT. NOT ENOUGH COMPRESSION TO MAKE A SEAL.	EPDM IS PANED AND IS PROTRUDING BEYOND EDGE OF FASTENER.

Approximate Screw Chart

1 1/2" Plywood = 200 screws per square

1 3/4" Plywood = 100 screws per square

33.17 Lineal Feet = 1 Square

Attention Installer: Please refer to the important notes section of this manual for safety, storage, oil canning disclaimer, and shaving disclaimer prior to beginning this project.

Important Notes:

Code Requirements vary from project type and location. Millennium Metals recommends licensed roofing professionals to install materials. It is the responsibility of the roofing contractor to meet all prescriptive requirements if not indicated in our recommendations.

Safety when using metal materials is imperative. It is necessary to inspect deck integrity to insure it is safe to walk on before beginning any work. Never walk on material when wet or unsuitable weather conditions are present. Millennium Metals recommends the use of gloves and eye goggles when working handling materials. OSHA fall protection should be strictly adhered to on all projects.

Job Specific engineering should be considered for any Florida application not installed according to Florida product testing. Millennium Metals Inc has a third party engineer who can provide this documentation for a nominal fee. Millennium Metals Inc. accepts no responsibility for the information provided.

Florida Product Testing

Millennium Metals Inc. has Florida Product approval over 1/2" and 5/8" plywood. The current product approval is available on our website at mmi2000.net. Figure 2-1 and 2-2 indicate attachment for these approvals.

Fastener length for new construction should be a minimum of 1- 1/2" in the field of the project. The length of the fastener should penetrate the plywood a minimum of a 1/4".

Re-Roofing Over Shingles

If re-roofing over **one** layer of shingles with 1/2" or 5/8" plywood and felt a minimum of a 2" fastener should be used.

A **Limited Warranty** is available on Acrylic Galvalume and Pre-painted materials. A copy of this warranty is available to review at our website mmi2000.net. Failure to request warranty indicates customer accepts conditions stated within the warranty. Millennium Metals warrants material only. Long life fasteners are required in warranty content. Please consult us if you have any questions regarding fastener selection. Watertight warranties are not available.

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PAGE 3



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LOCAL 904-358-8366 WATTS 1-877-358-Roof (7663)
FAX 904-358-8285 MMI2000.NET

Estimating materials is available through a third party. We accept no responsibility for the accuracy of this information. It is the sole responsibility of the customer/contractor to verify information. Changes to quantity, length, or accessories should be made prior to ordering.

Metal Roofing Materials are special order products and therefore not returnable. Cancellations will not be honored if materials have been produced.

Materials should not be stored in a place where moisture can penetrate the bundles or covered with plastic. If immediate installation is not possible, material should be placed on wood blocks to separate from the ground or concrete with one end elevated. The bands should be cut to allow material to expand. A loose canvas tarp should be used to cover material so that air can circulate. Improper storage will void warranty.

Oil canning is a wavy appearance in the surface of the panel. This condition is inherit to all metal panels but visible in designs with flat surfaces. This slight distortion in no way effects the warranty nor is reason for rejection or refusal.

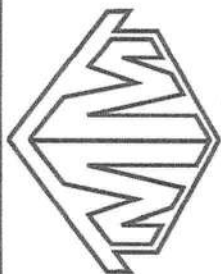
Shavings are iron filings left from the cutting or drilling of steel materials. The iron particles tend to go airborne and settle on sheets. Failure to remove the particles will cause embedment of the iron and rust marks.

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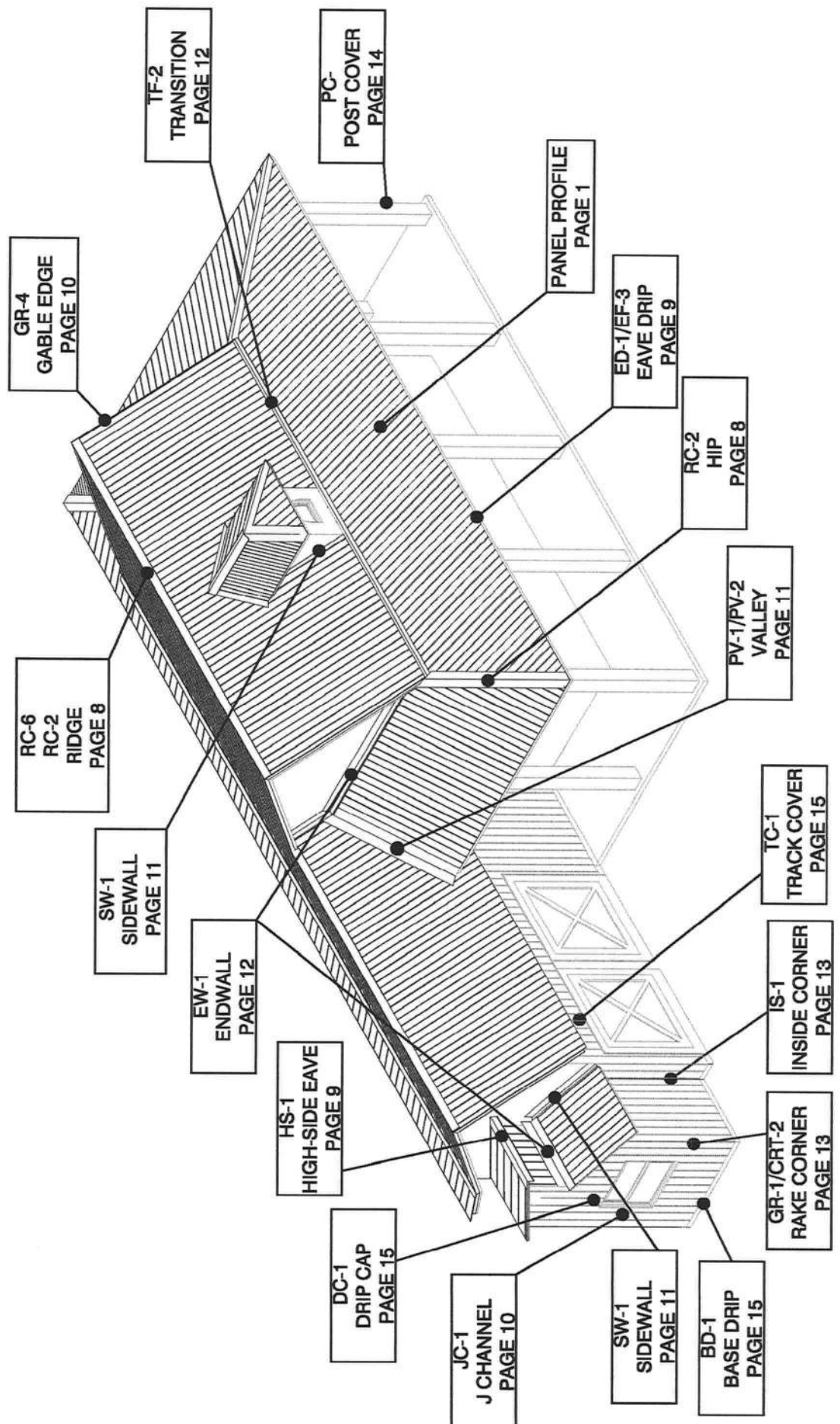
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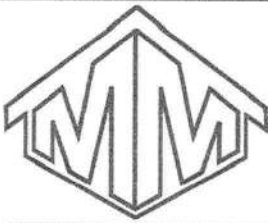


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904-358-8366 WATTS 1-877-358-7663 (ROOF)
FAX 904-358-8285 MM12000.NET

RIB PANEL DETAIL LOCATIONS

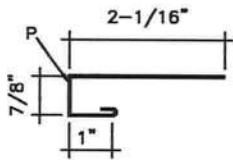




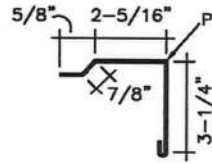
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LOCAL 904-358-8366 WATTS 1-877-358-Roof (7663)
FAX 904-358-8285 MMI2000.NET

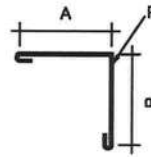
A. J-CHANNEL (JC-1) PG.10



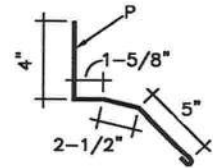
B. GABLE TRIM (GR-4) PG.10



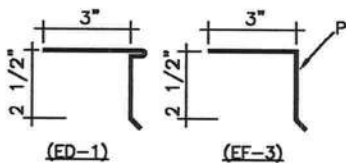
C. POST COVER (PC) PG.14



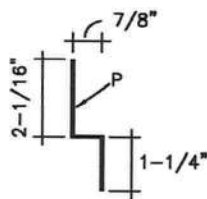
D. TRACK COVER (TC-1) PG.15



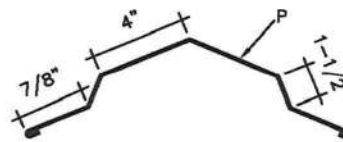
E. EAVE DRIP PG.9



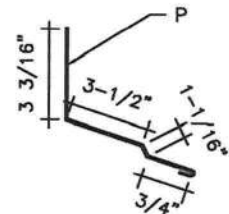
F. DOUBLE ANGLE (DA-1) PG.14



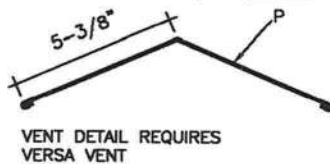
G. RIDGE CAP (RC-2) PG.8



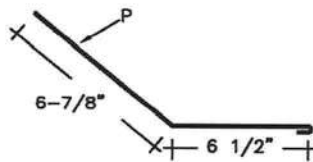
H. ENDWALL FLASHING (EW-1) PG.12



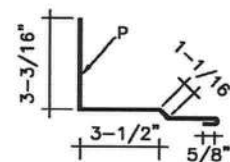
I. VENTED RIDGE (RC-6) PG.8



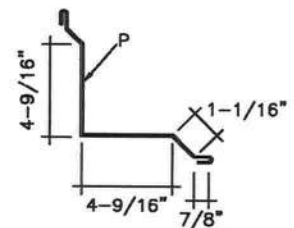
J. TRANSITION FLASHING (TF-1) PG.12



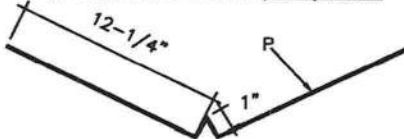
K. SIDEWALL FLASHING (SW1) PG.11



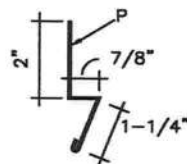
L. INSIDE CORNER (IS-1) PG.13



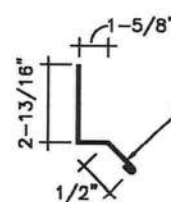
M. PREFORMED VALLEY (PV-1) PG.11



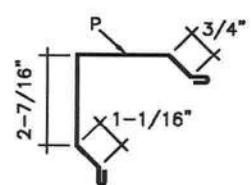
N. BASE DRIP (BD-1) PG.15



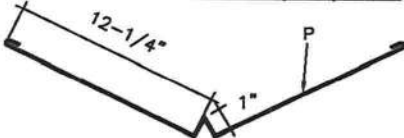
O. DRIP CAP (DC-1) PG.15



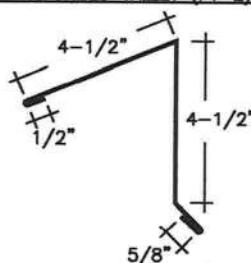
P. RAKE CORNER (GR-1) PG.13



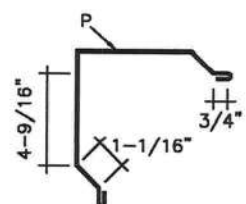
M-2. PREFORMED VALLEY (PV-2) PG.11



M-2. PREFORMED VALLEY (PV-2) PG.11



P. RAKE CORNER (CRT-2) PG.13



*ALL HEMS ARE 3/8 OF AN INCH

MILLENNIUM METALS INC.

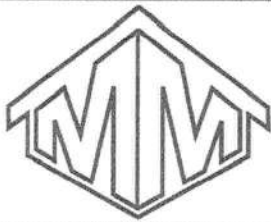
TOLL FREE: 1-877-358-7663

FAX: 904-358-8285

MMI2000.NET

SUBJECT TO CHANGE WITHOUT NOTICE

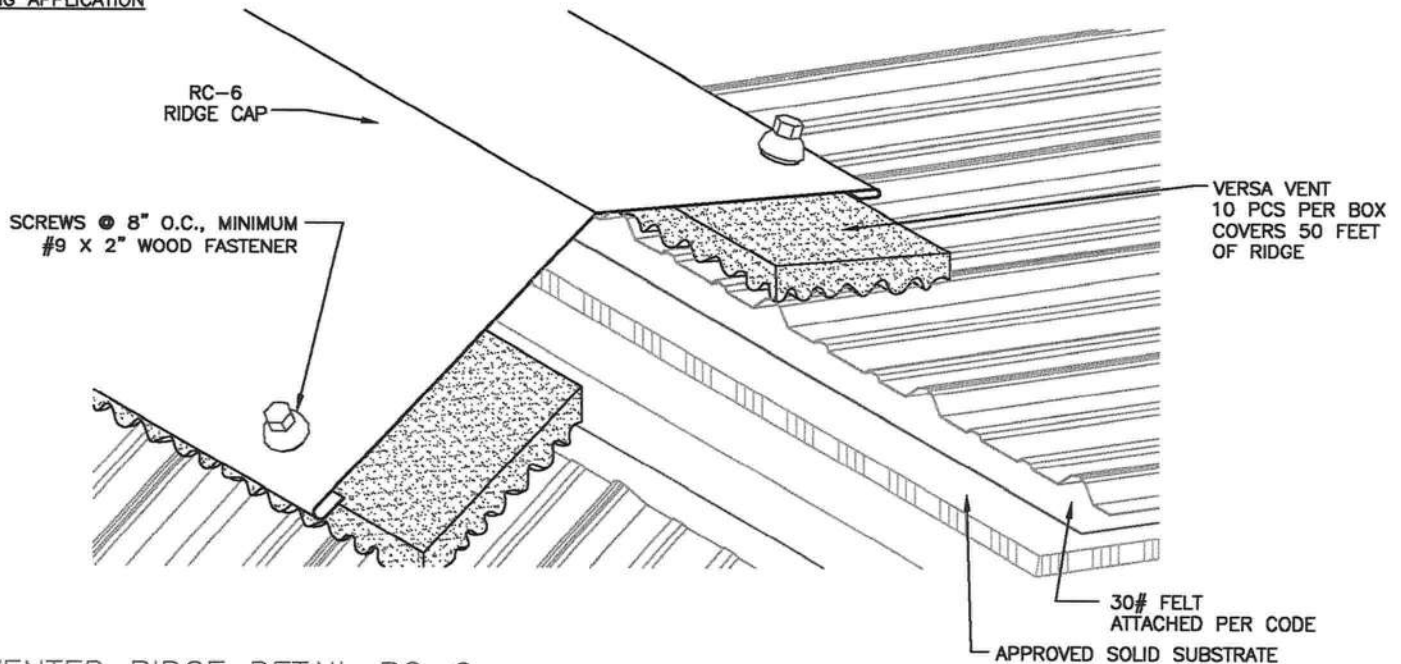
PAGE 7



MILLENNIUM METALS, INC.

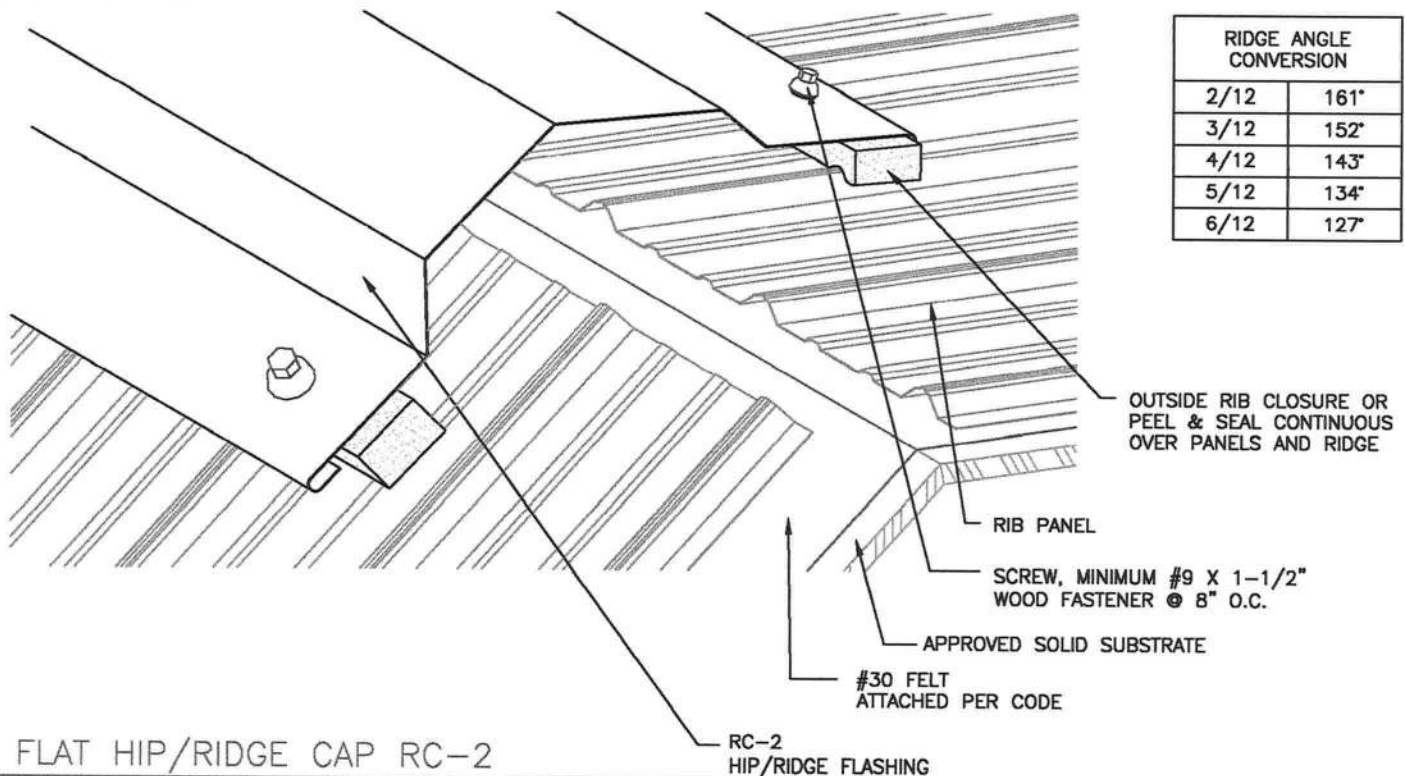
10200 EASTPORT ROAD JACKSONVILLE, FL 32218
LOCAL 904-358-8366 WATTS 1-877-358-Roof (7663)
FAX 904-358-8285 MMI2000.NET

ROOFING APPLICATION



VENTED RIDGE DETAIL RC-6

ROOFING APPLICATION



FLAT HIP/RIDGE CAP RC-2

MILLENNIUM METALS INC.

TOLL FREE: 1-877-358-7663

FAX: 904-358-8285

MMI2000.NET

SUBJECT TO CHANGE WITHOUT NOTICE

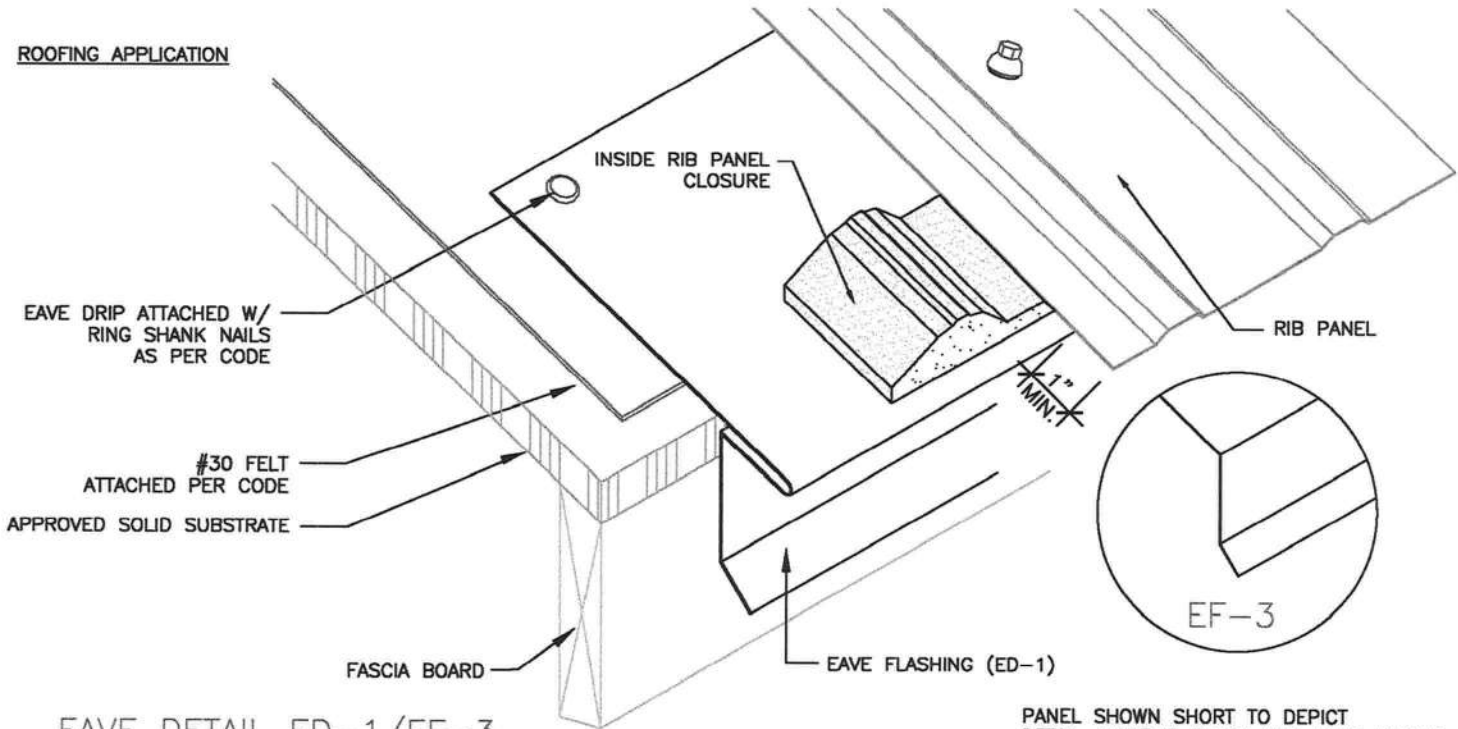
PAGE 8



MILLENNIUM METALS, INC.

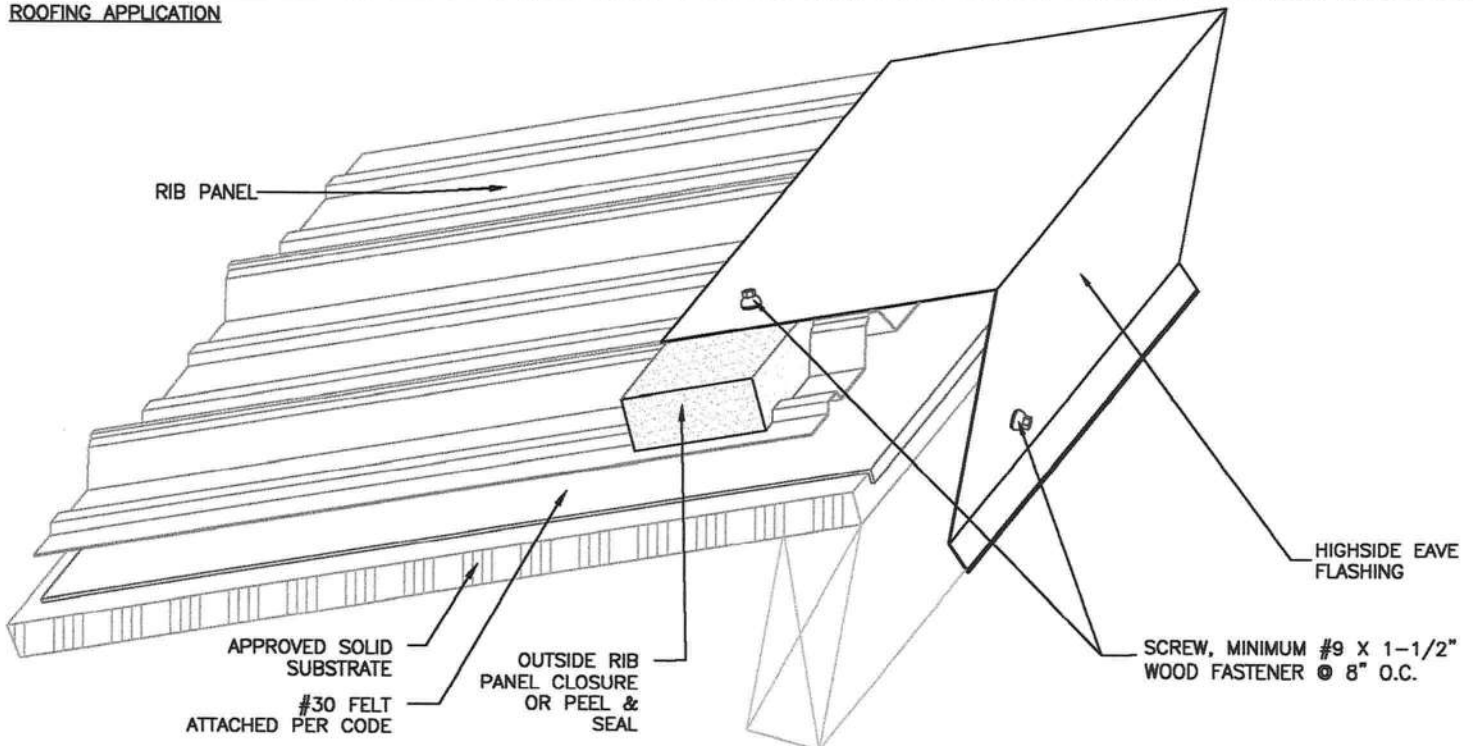
10200 EASTPORT ROAD JACKSONVILLE, FL 32218
LOCAL 904-358-8366 WATTS 1-877-358-ROOF (7663)
FAX 904-358-8285 MMI2000.NET

ROOFING APPLICATION



PANEL SHOWN SHORT TO DEPICT
DETAIL. MAKE IT FLUSH AND MAKE WHOLE.

ROOFING APPLICATION

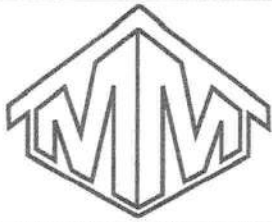


HIGHSIDE EAVE DETAIL HS-1

MILLENNIUM METALS INC.

TOLL FREE: 1-877-358-7663
FAX: 904-358-8285
MMI2000.NET

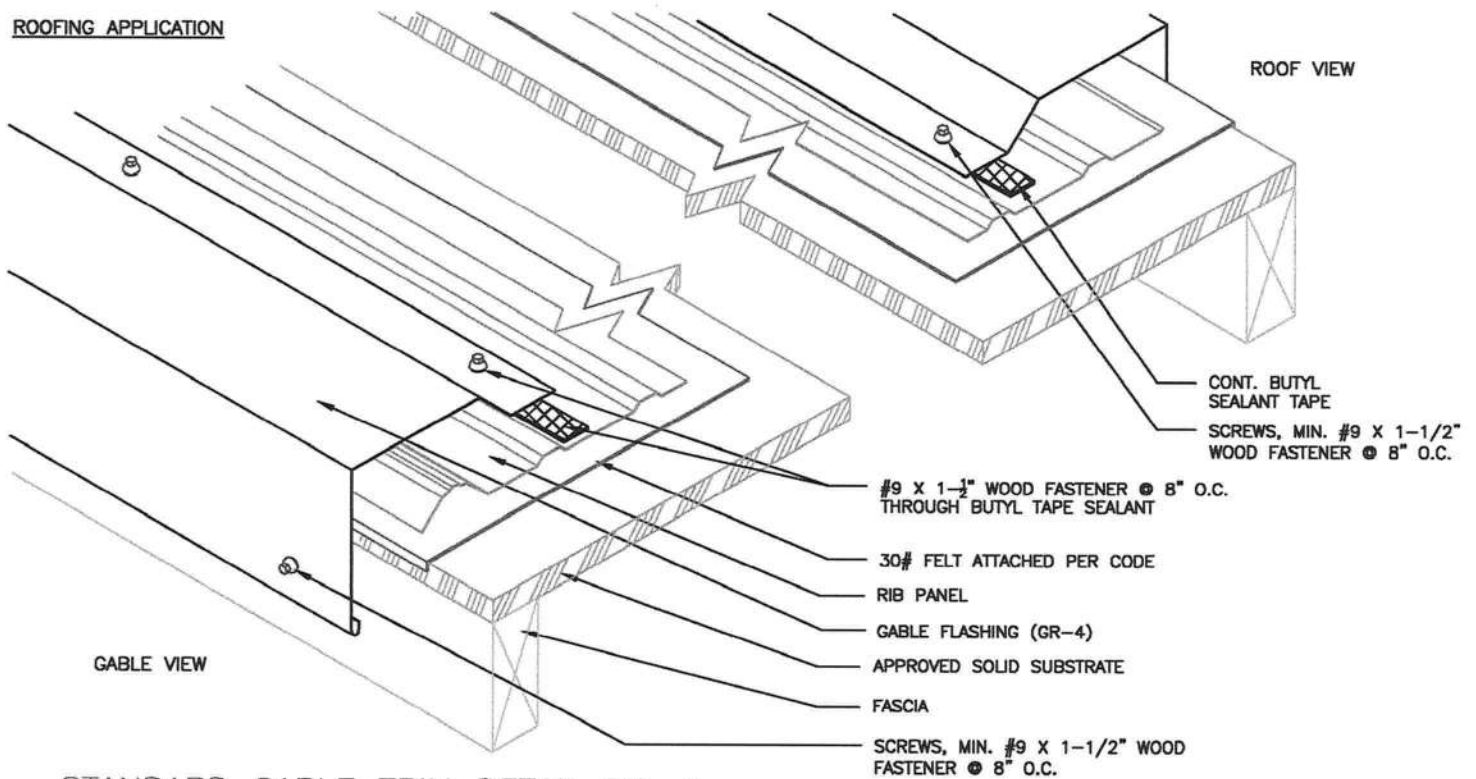
SUBJECT TO CHANGE WITHOUT NOTICE



MILLENNIUM METALS, INC.

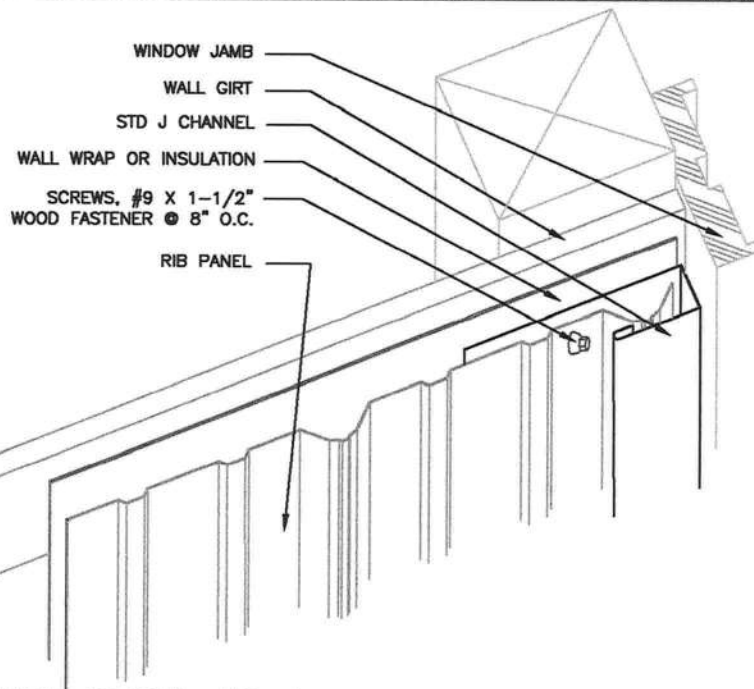
10200 EASTPORT ROAD JACKSONVILLE, FL 32218
LOCAL 904-358-8366 WATTS 1-877-358-Roof (7663)
FAX 904-358-8285 MMI2000.NET

ROOFING APPLICATION



STANDARD GABLE TRIM DETAIL GR-4

SIDING APPLICATION



STANDARD J-CHANNEL DETAIL JC-1

MILLENNIUM METALS INC.

TOLL FREE: 1-877-358-7663

FAX: 904-358-8285

MMI2000.NET

SUBJECT TO CHANGE WITHOUT NOTICE

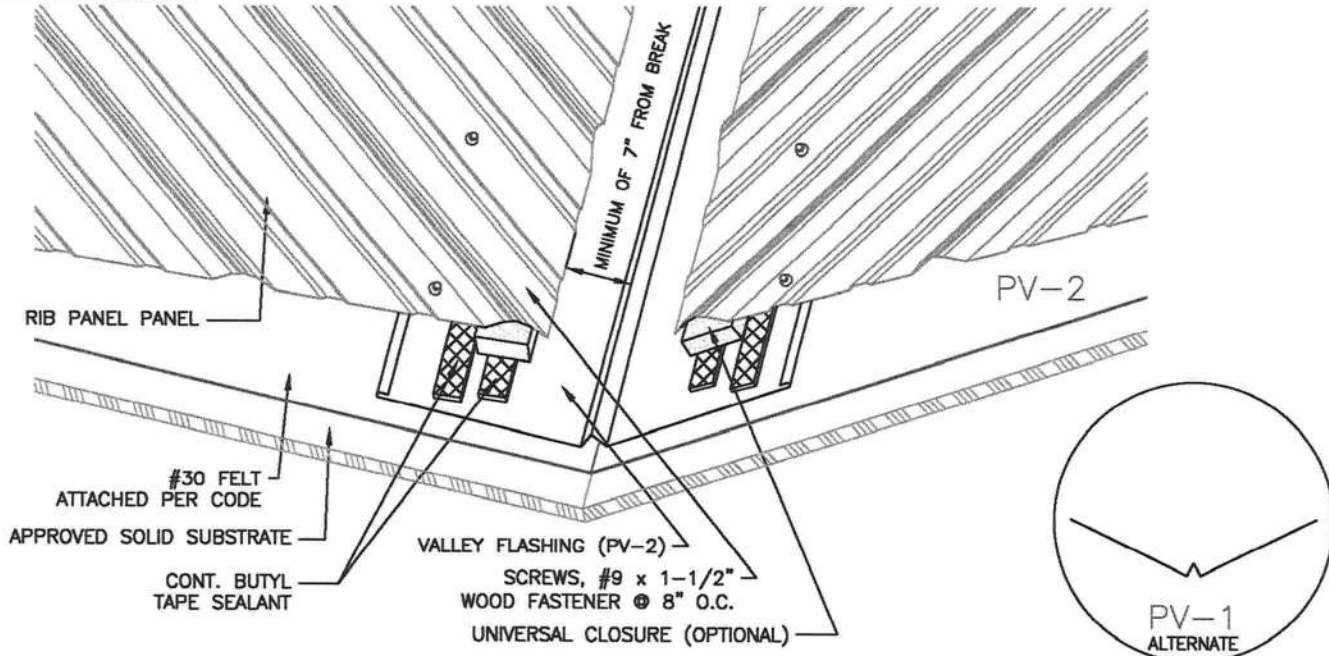
PAGE 10



MILLENNIUM METALS, INC.

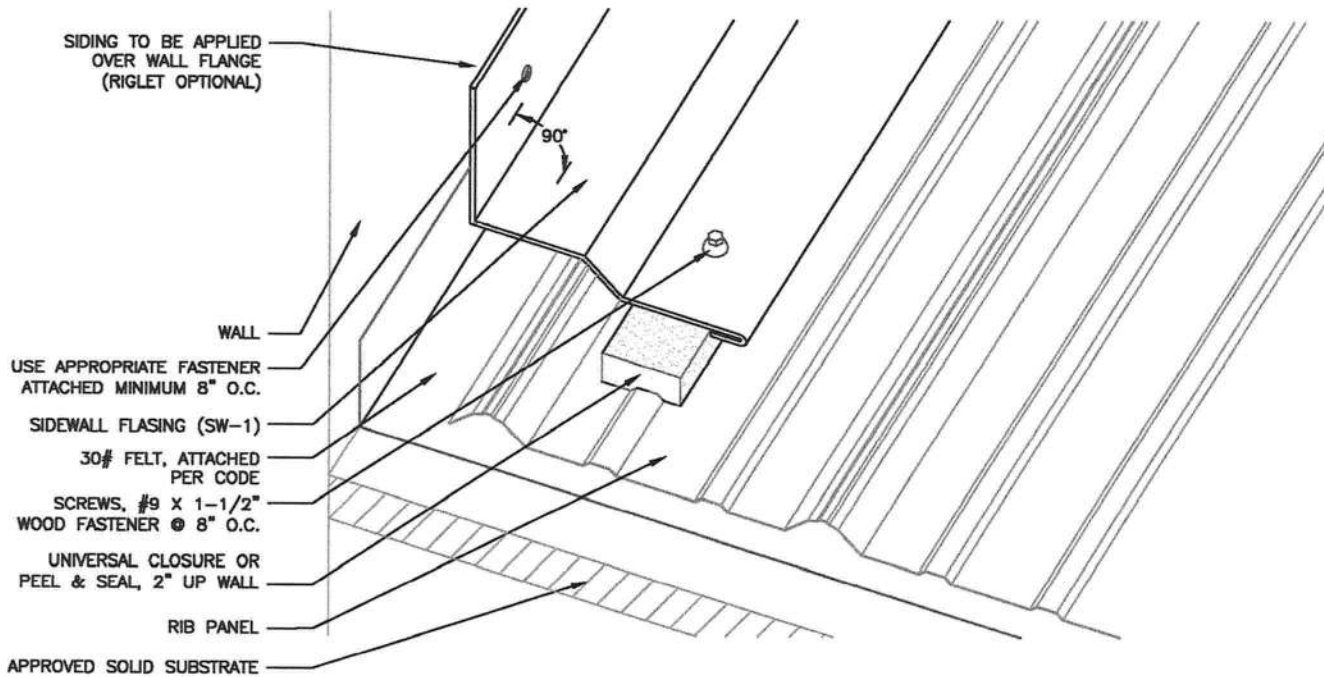
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LOCAL 904-358-8366 WATTS 1-877-358-Roof (7663)
FAX 904-358-8285 MMI2000.NET

ROOFING APPLICATION



PREFORMED VALLEY DETAIL PV-1/PV-2

ROOFING APPLICATION

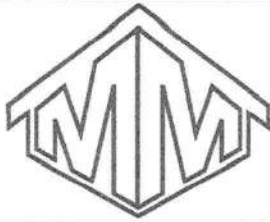


SIDEWALL FLASHING DETAIL (SW-1)

MILLENNIUM METALS INC.

TOLL FREE: 1-877-358-7663
FAX: 904-358-8285
MMI2000.NET

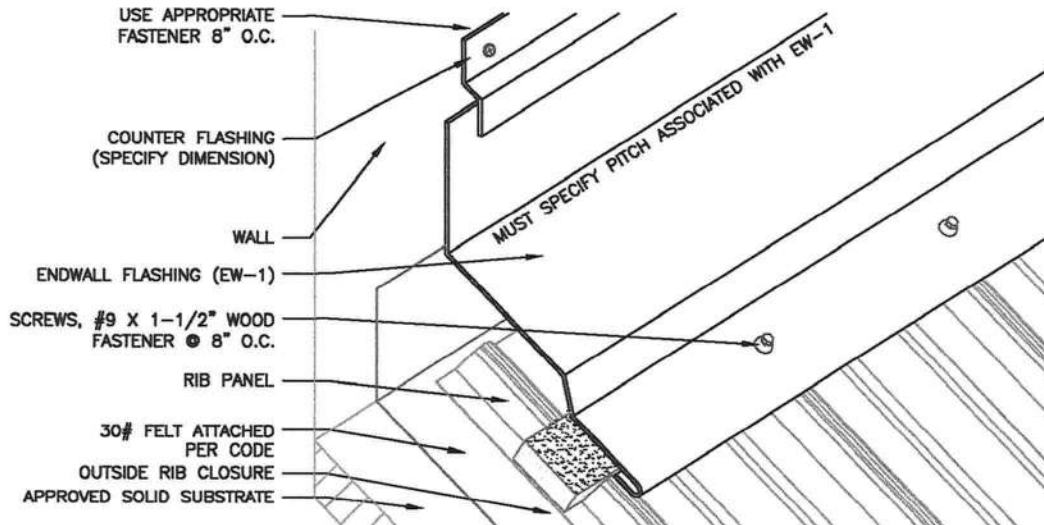
SUBJECT TO CHANGE WITHOUT NOTICE



MILLENNIUM METALS, INC.

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LOCAL 904-358-8366 WATTS 1-877-358-ROOF (7663)
FAX 904-358-8285 MMI2000.NET

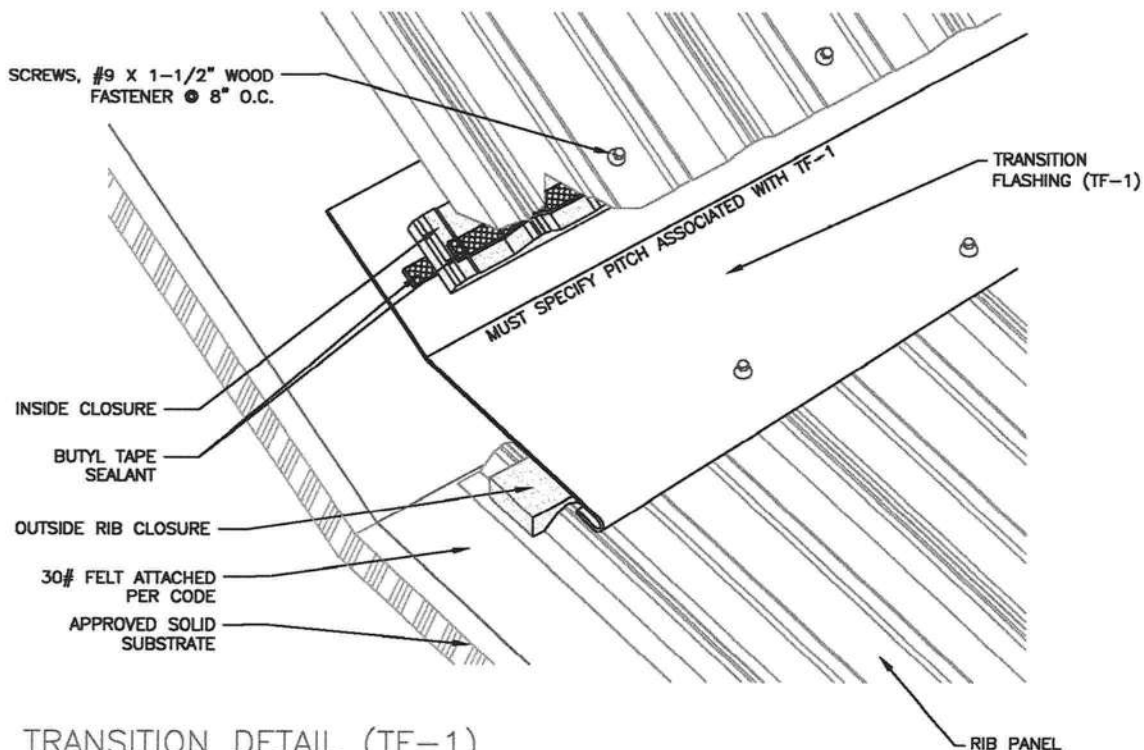
ROOFING APPLICATION



ANGLE CONVERSION	
2/12	99°
3/12	104°
4/12	108°
5/12	113°
6/12	117°

END WALL FLASHING DETAIL EW-1

ROOFING APPLICATION



TRANSITION DETAIL (TF-1)

MILLENNIUM METALS INC.

TOLL FREE: 1-877-358-7663
FAX: 904-358-8285
MMI2000.NET

SUBJECT TO CHANGE WITHOUT NOTICE

Columbia County Building Permit Application

Re-roof CK# 4072

For Office Use Only	Application # <u>1001-09</u>	Date Received <u>1/8/10</u>	By <u>GT</u>	Permit # <u>28314</u>
Zoning Official _____	Date _____	Flood Zone _____	Land Use _____	Zoning _____
FEMA Map # _____	Elevation _____	MFE _____	River _____	Plans Examiner _____
Date _____				
Comments _____				
<input type="checkbox"/> NOC <input type="checkbox"/> EH <input type="checkbox"/> Deed or PA <input type="checkbox"/> Site Plan <input type="checkbox"/> State Road Info <input type="checkbox"/> Parent Parcel # _____				
<input type="checkbox"/> Dev Permit # _____ <input type="checkbox"/> In Floodway <input type="checkbox"/> Letter of Auth. from Contractor <input type="checkbox"/> F W Comp. letter				
IMPACT FEES: EMS _____ Fire _____ Corr _____ Road/Code _____				
School _____ = TOTAL _____				

Septic Permit No. X10-010

Fax _____

Name Authorized Person Signing Permit Matt Cason Phone 386 755 888Address 227 SW Cooper Terr. Ft. White, FL 32038Owners Name Robert + Marilyn Taylor Phone 386-497-1134911 Address 227 SW Cooper Terr. Ft. White, FL 32038Contractors Name Clearspan Brian Crawford Phone 386 755 8887Address 295 NW Commons Loop Suite 115-391 Lake City FL 32055

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address _____

Mortgage Lenders Name & Address _____

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy

Property ID Number 30-65-17-09813-012 HX Estimated Cost of Construction \$ 7000

Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____

Driving Directions Go South on Hwy 441 Right onto Tustennugee (15 miles), turn Right onto CR-18, turn Right onto SW Cooper Terr.

Number of Existing Dwellings on Property _____

Construction of Re-roof on SFD Total Acreage _____ Lot Size _____Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height _____

Actual Distance of Structure from Property Lines - Front _____ Side _____ Side _____ Rear _____

Number of Stories _____ Heated Floor Area 1811 Total Floor Area 3576 Roof Pitch _____

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.

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE: **YOU ARE HEREBY NOTIFIED** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. It may be to your advantage to check and see if your property is encumbered by any restrictions.

(Owners Must Sign All Applications Before Permit Issuance.)

Robert H Taylor
Owners Signature

***OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.**

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

[Signature]
Contractor's Signature (Permitee)

386
Contractor's License Number CCC1326779
Columbia County
Competency Card Number [Signature]

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 24 day of January 2010

Personally known _____ or Produced Identification _____

Marsha Eagle Vanzant
State of Florida Notary Signature (For the Contractor)

SEAL:





CONCEPT

CONSTRUCTION

1 c 27 ⁸	2 c 24 ⁵	1 c 15 ⁹	2 c 21 ⁹
2 c 24 ⁸	2 c 21 ⁵	1 c 12 ⁹	2 c 18 ⁹
2 c 21 ⁸	2 c 18 ⁵	1 c 9 ⁹	2 c 15 ⁹
1 c 18 ⁸	2 c 15 ⁵	1 c 6 ⁹	2 c 12 ⁹
1 c 15 ⁸	2 c 12 ⁵	1 c 3 ⁹	2 c 9 ⁹
1 c 12 ⁸	2 c 9 ⁵	1 c 28 ⁹	2 c 6 ⁹
1 c 9 ⁸	2 c 6 ⁵	1 c 25 ⁹	2 c 3 ⁹
1 c 6 ⁸	2 c 3 ⁵	1 c 22 ⁹	2 c 2 ⁹
1 c 3 ⁸	3 c 15 ⁹	1 c 19 ⁹	12 c 12 ¹⁰
1 c 2 ⁸	2 c 12 ⁹	1 c 16 ⁹	1 c 9 ¹⁰
2 c 22 ⁹	2 c 9 ⁹	1 c 13 ⁹	1 c 6 ¹⁰
1 c 19 ⁹	2 c 6 ⁹	1 c 10 ⁹	1 c 3 ¹⁰
1 c 16 ⁹	2 c 3 ⁹	1 c 7 ⁹	1 c 22 ³
1 c 13 ⁹	2 c 2 ⁹	1 c 4 ⁹	2 c 19 ³
1 c 10 ⁹		1 c 2 ⁹	2 c 16 ³
1 c 7 ⁹		1 c 15 ⁹	2 c 13 ³
1 c 4 ⁹		2 c 12 ⁹	2 c 10 ³
1 c 2 ⁹		2 c 9 ⁹	2 c 7 ³
		2 c 6 ⁹	2 c 4 ³
		2 c 3 ⁹	2 c 2 ³

26 GA Painted

FL Product
Approval Code
FL7809.2R2

45 Pc Ridge
6 Pc Valley
35 Pc Eave or 35B LF
3 Deck Tight's

Box Screw's $\frac{3}{4}$ 1000
Panel Screw's $\frac{3}{4}$ 1500

~~300 1x4x14~~ 150 1x4x14
~~3 sheet 4x8x1/2 CDX~~

STATE OF FLORIDA
COUNTY OF COLUMBIA

TAX NO: 30-6S-17-09813-012 HX

This instrument was Prepared By:
Stanley Crawford Construction, Inc.
1482 S.W. Commercial Glen
Lake City, Florida 32025

NOTICE OF COMMENCEMENT

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

1. Description of property: 30-6S-17 0100/0100 36.01 Acres SW1/4 OF SW1/4, EX RD R/W & EX COMM SW COR OF SEC, RUN N 60 FT, E 30 FT FOR POB, RUN N 208.75 FT, E 417.50 FT, S 208.75 FT, W 417.50 FT TO POB, EX 1.58 AC DESC IN ORB 584-452 FOR CO RD R/W. ORB 716-187, PR DEED 821-1846, DC 821-2329
2. General description of improvement: Re-Roof house
3. Owner Name & Address Robert Taylor,
227 SW Cooper Terr.,
Fort White, FL 32038
4. Interest in property: Fee Simple
5. Name and address of fee simple title holder (if other than owner): NONE

Contractor: Concept Construction
295 NW COMMONS LOOP SUITE 115-391
LAKE CITY, FL 32055

6. Surety N/A
 - a. Name and address: N/A
 - b. Amount of bond: N/A

7. Lender: Personal Funds

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

In addition to himself, Owner designates None to receive a copy of the Lienor's Notice as provided in section 713.13 (1) (b), Florida Statutes.

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

Robert S Taylor

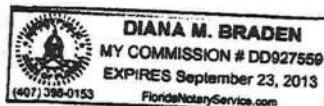
Robert H Taylor Jr.



The foregoing instrument was acknowledged before me this 7 day of January, 2010, by Robert Taylor, who are personally known to me and who did not take an oath.

Diana M. Braden

Notary Public

My Commission Expires: Sept. 23, 2013



FLORIDA DEPARTMENT OF STATE DIVISION OF CORPORATIONS													
Home	Contact Us	E-Filing Services	Document Searches	Forms	Help								
Previous on List	Next on List	Return To List	<input type="text" value="Entity Name Search"/>										
Events	Name History	<input type="button" value="Submit"/>											
<h2>Detail by Entity Name</h2>													
<h3><u>Florida Profit Corporation</u></h3>													
CLEARSPAN, INC.													
<h3><u>Filing Information</u></h3>													
Document Number	P05000153301												
FEI/EIN Number	203809368												
Date Filed	11/18/2005												
State	FL												
Status	ACTIVE												
Last Event	NAME CHANGE AMENDMENT												
Event Date Filed	09/24/2008												
Event Effective Date	NONE												
<h3><u>Principal Address</u></h3>													
295 NW COMMONS LOOP STE 115-391 LAKE CITY FL 32055													
Changed 04/27/2009													
<h3><u>Mailing Address</u></h3>													
295 NW COMMONS LOOP STE 115-391 LAKE CITY FL 32055													
Changed 04/27/2009													
<h3><u>Registered Agent Name & Address</u></h3>													
CRAWFORD, BRIAN S 295 NW COMMONS LOOP STE 115-391 LAKE CITY FL 32055													
Address Changed: 04/27/2009													
<h3><u>Officer/Director Detail</u></h3>													
<h4><u>Name & Address</u></h4>													
Title PSTD													
CRAWFORD, BRIAN S 295 NW COMMONS LOOP STE 115-391 LAKE CITY FL 32055													
<h3><u>Annual Reports</u></h3>													
<table><thead><tr><th>Report Year</th><th>Filed Date</th></tr></thead><tbody><tr><td>2007</td><td>04/30/2007</td></tr><tr><td>2008</td><td>04/01/2008</td></tr><tr><td>2009</td><td>04/27/2009</td></tr></tbody></table>						Report Year	Filed Date	2007	04/30/2007	2008	04/01/2008	2009	04/27/2009
Report Year	Filed Date												
2007	04/30/2007												
2008	04/01/2008												
2009	04/27/2009												
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09/24/2008 -- Name Change		<input type="button" value="View image in PDF format"/>											
08/29/2008 -- Name Change		<input type="button" value="View image in PDF format"/>											
08/12/2008 -- Name Change		<input type="button" value="View image in PDF format"/>											



Columbia County Tax Collector

Site Provided by...
governmax.com T1.11

Tax Record

print

Last Update: 1/8/2010 1:49:44 PM EST

Details

Tax Record

» Print View

Legal Desc.
Appraiser Data
Tax Payment
Payment History
Print Tax Bill **NEW!**

Searches

Account Number
GEO Number
Owner Name
Property Address
Certificate **NEW!**
Mailing Address

Site Functions

Tax Search
Local Business Tax
Tax Sale List
Contact Us
County Login
Home

Ad Valorem Taxes and Non-Ad Valorem Assessments

The information contained herein does not constitute a title search and should not be relied on as such.

Account Number	Tax Type	Tax									
R09813-012	REAL ESTATE	2									
<div> <div> Mailing Address TAYLOR ROBERT H JR ETAL 227 SW COOPER TERR FT WHITE FL 32038 </div> <div> Property Address 227 SW COOPER TER FTW GEO Number 176S30-09813-012 </div> </div>											
Exempt Amount	Taxable Value										
See Below	See Below										
<table border="0"> <thead> <tr> <th>Exemption Detail</th> <th>Millage Code</th> <th>Escrow Code</th> </tr> </thead> <tbody> <tr> <td>H3 25000</td> <td>003</td> <td></td> </tr> <tr> <td>HX 25000</td> <td></td> <td></td> </tr> </tbody> </table> <p>Legal Description (click for full description) 30-6S-17 0100/0100 36.01 Acres SW1/4 OF SW1/4, EX RD R/W & EX CO COR OF SEC, RUN N 60 FT, E 30 FT FOR POB, RUN N 208.75 FT, E 41' FT, S 208.75 FT, W 417.50 FT TO POB, EX 1.58 AC DESC IN ORB 584- FOR CO RD R/W. ORB 716-187, PR DEED 821-1846, DC 821-2329</p>			Exemption Detail	Millage Code	Escrow Code	H3 25000	003		HX 25000		
Exemption Detail	Millage Code	Escrow Code									
H3 25000	003										
HX 25000											
Ad Valorem Taxes											
Taxing Authority	Rate	Assessed Value	Exemption Amount	Taxable Value							
BOARD OF COUNTY COMMISSIONERS	7.8910	143,529	50,000	\$93,529							
COLUMBIA COUNTY SCHOOL BOARD											
DISCRETIONARY	0.9980	143,529	25,000	\$118,529							
LOCAL	5.3630	143,529	25,000	\$118,529							
CAPITAL OUTLAY	1.5000	143,529	25,000	\$118,529							
SUWANNEE RIVER WATER MGT DIST	0.4399	143,529	50,000	\$93,529							
LAKE SHORE HOSPITAL AUTHORITY	2.0468	143,529	50,000	\$93,529							
COLUMBIA COUNTY INDUSTRIAL	0.1240	143,529	50,000	\$93,529							
Total Millage		18.3627	Total Taxes	\$1							
Non-Ad Valorem Assessments											
Code	Levying Authority										
FFIR	FIRE ASSESSMENTS										
GGAR	SOLID WASTE - ANNUAL										
Total Assessments											
Taxes & Assessments				\$							

Columbia County Property Appraiser

DB Last Updated: 11/13/2009

2009 Tax Year

Tax Record

Property Card

Interactive GIS Map

Print

Parcel: 30-6S-17-09813-012 HX

Search Result: 1 of 1

Owner & Property Info

Owner's Name	TAYLOR ROBERT H JR ETAL		
Site Address	COOPER		
Mailing Address	227 SW COOPER TERR FT WHITE, FL 32038		
Use Desc. (code)	SINGLE FAM (000100)		
Neighborhood	030617.00	Tax District	3
UD Codes	MKTA02	Market Area	02
Total Land Area	36.010 ACRES		
Description	SW1/4 OF SW1/4, EX RD R/W & EX COMM SW COR OF SEC, RUN N 60 FT, E 30 FT FOR POB, RUN N 208.75 FT, E 417.50 FT, S 208.75 FT, W 417.50 FT TO POB, EX 1.58 AC DESC IN ORB 584-452 FOR CO RD R/W. ORB 716-187, PR DEED 821-1846, DC 821-2329		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (1)	\$80,050.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (1)	\$119,812.00
XFOB Value	cnt: (1)	\$195.00
Total Appraised Value		\$200,057.00

Just Value	\$200,057.00
Class Value	\$0.00
Assessed Value	\$147,835.00
Exemptions	(code: HX) \$50,000.00
Total Taxable Value	County: \$97,835.00 City: \$97,835.00 Other: \$97,835.00 School: \$122,835.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
4/30/1996	821/1646	PR	V	Q		\$57,600.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1996	Common BRK (19)	1811	3576	\$119,812.00
Note: All S.F. calculations are based on <u>exterior</u> building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	1996	\$195.00	0000130.000	10 x 13 x 0	(000.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	0000036.010 AC	1.00/1.00/1.00/0.65	\$2,222.99	\$80,050.00

Columbia County Property Appraiser

DB Last Updated: 11/13/2009