



**City of Gainesville
Department of Doing
Planning Division**

PO Box 490, Station 11
Gainesville, FL 32627-0490
306 NE 6th Avenue
P: (352) 334-5022
F: (352) 334-2648

HISTORIC PRESERVATION BOARD STAFF REPORT

PUBLIC HEARING DATE:

July 6, 2021

ITEM NO:

#1 under New Business

PROJECT NAME AND NUMBER:

HP-21-00060, 618 NE 9th Avenue

APPLICATION TYPE:

Quasi-Judicial: Reroof from shingle to metal

RECOMMENDATION:

Staff recommends approval of the reroof from shingle to a standing seam metal roof with the condition that the finish be Galvalume or a light to medium gray paint finish.

CITY PROJECT CONTACT:

Jason Simmons

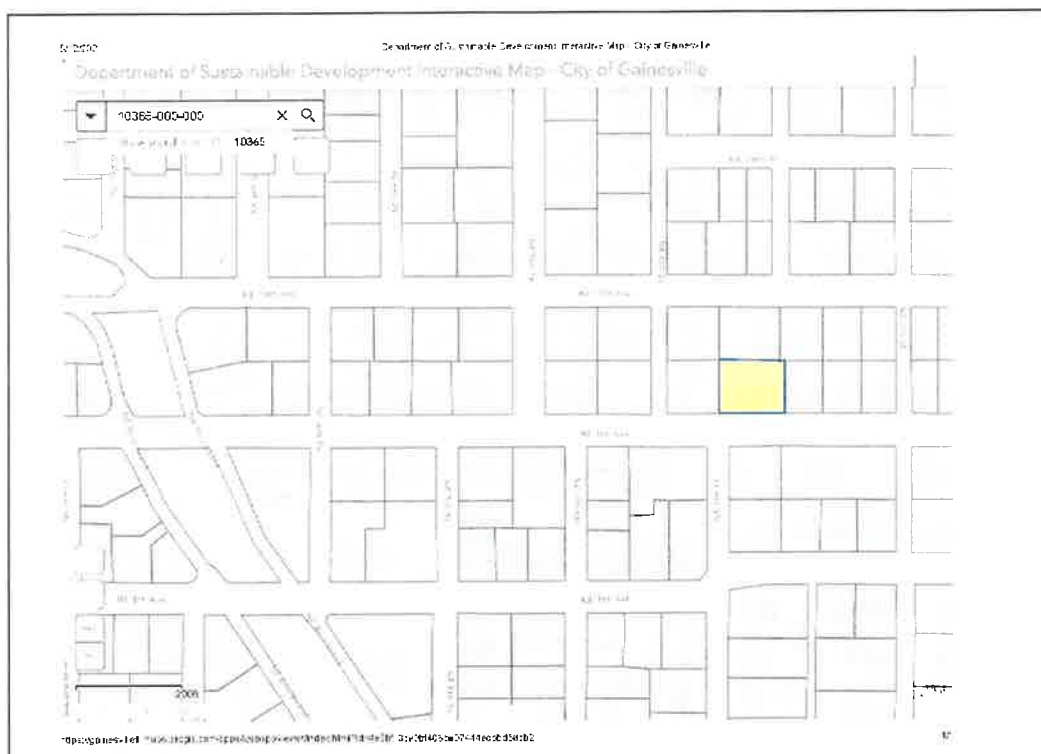


Figure 1: Location Map

APPLICATION INFORMATION:

Agent/Applicant: David Harlos and Darcie MacMahon
Property Owner(s): David Harlos and Darcie MacMahon

SITE INFORMATION:

Address: 618 NE 9th Avenue
Parcel Number(s): 10365-000-000
Existing Use(s): Single-Family Residential
Zoning Designation(s): RSF-3
Historic District Northeast Residential Historic District
Historic District Status: Contributing
Date of construction: 1926 per ACPA; c1928 per AL00776

PURPOSE AND DESCRIPTION:

James Whitton, Whitton Roofing Company, agent for David Harlos and Darcie MacMahon, owners. Certificate of Appropriateness to reroof an existing single-family dwelling with a metal roof. Located at 618 NE 9th Avenue. This building is a contributing structure to the Northeast Residential Historic District.

STAFF REVIEW AND RECOMMENDATION:

EXISTING

The existing single-family dwelling is a one-story, stone bungalow that was built in 1926 according to the Alachua County property appraiser's office, and c. 1928 per the Florida Master Site File AL00776. It appears on the Sanborn map of 1928. The house is masonry structure with stone and rubble for exterior materials, a masonry wall foundation, a stone columns porch, a port cochere, stucco covered chimney, and a hip roof with a hip, cross gable secondary roof structure with composition shingles. The building is approximately 1,949 square feet of heated space and 2,567 square feet of total area and it is a contributing structure to the Northeast Residential Historic District.

PROPOSED

The proposal under consideration with this application would remove the existing architectural shingles from the house and the detached garage and install a 24 gauge floating standing seam

panel metal roof over plywood. The proposed roofing is Galvalume in color and is manufactured by Tri-County Metals. (See Exhibit 3).

REVIEW

Roofs are a highly visible component of historic buildings and are an integral part of a building's overall design and architectural style. The Historic Preservation Board discussed and adopted a policy on April 2, 2013 concerning styles of metal roofing which would be allowed within the historic districts. The Historic Preservation Board approves metal roofing on a case-by-case basis depending on the style and use of the building. Recommended metal roofing for most buildings in the historic district is a 5-V crimp or standing seam metal, as spacing of these roofs is more sympathetic with historic metal roofs, and exposed fasteners are not as numerous or visible. The principal structure has a hip roof that is somewhat screened from the street because of the amount of trees in the front yard, such that it is not easy to see the full surface of the roof from the right-of-way. The installation of a metal roof on this structure will have very little visual impact on the surrounding neighborhood. The proposed metal roofing is compatible with the surrounding neighborhood.

Basis for Approval – Secretary of the Interior's Standards for Rehabilitation

Consideration of a Certificate of Appropriateness application is pursuant to Section 30-3.5 of the Land Development Code and the Secretary of Interior's Standards for Rehabilitation which serves as the basis for the City of Gainesville's Historic Preservation Rehabilitation and Design Guidelines. The Historic Preservation Board shall adhere to the preservation principles of maintaining historic fabric and compatibility with surrounding properties.

The ***Historic Preservation Rehabilitation and Design Guidelines***, based on the Secretary of Interior Standards for Rehabilitation, which has become the authoritative guidelines for rehabilitation, list the following:

Roof and Roof Structures

Applicable Secretary Standards

2. *The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.*
4. *Most properties change over time; those changes that have acquired historic significance in their own right shall be retained and preserved.*
5. *Distinctive features, finishes and construction techniques or examples of craftsmanship that characterize a historic property shall be preserved.*
6. *Deteriorated historic features shall be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature shall match*

the old in design, color, texture and other visual qualities and, where possible, materials. Replacement of missing features shall be substantiated by documentary, physical or pictorial evidence.

9. *New additions, exterior alterations or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale and architectural features to protect the historic integrity of the property and its environment.*

In planning roof repairs, it is important to identify significant features and materials and treat them with sensitivity under Standards 2 and 5. Under Standard 6, significant features and materials should be repaired rather than replaced. If replacement of a deteriorated feature is necessary, the new materials should closely match the original.

Roofs perform an essential function in keeping a building weather tight. As a result, they are particularly subject to change. In the local district the most common original roofing materials were embossed or crimped sheet metal and sawn wood shingles. Virtually all-original wood shingle coverings have been removed and often replaced with ornamental sheet metal. Such historic changes to roofs have gained significance in their own right and should be respected under Standard 4.

Where existing roofing material is non-original and not significant, there is greater flexibility. The existing roof may be retained, or replaced in a manner known to be accurate based on documentation or physical evidence, or treated in a contemporary style in compliance with Standards 6 and 9. In reviewing replacement of non-historic roof surfacing, it is important to keep in mind, Standard 9. Even if the existing surfacing is inappropriate, the replacement material must be compatible with the overall design of the building.

Rooftop additions are another common change to historic buildings. They are generally not suitable for smaller buildings of three stories or less or for buildings with very distinctive rooflines. They can, however, meet Standard 9 if certain conditions are met. The addition should be designed to be distinguished from the historic portion of the building; be set back from the wall plane; and be placed so it is inconspicuous when viewed from the street.

Recommended

1. Alterations to the configuration or shape of a historic roof should be confined to portions of the building not visible from the right-of-way.
2. Repointing of chimney mortar joints shall match the existing composition, joint size, and profile.
3. Retain and preserve the roof's shape, historic roofing materials and features.
4. Preserve the original roof form in the course of rehabilitation.
5. Provide adequate roof drainage and insure that the roofing material provides a weather tight covering for the structure.
6. Replace deteriorated roof surfacing with matching materials or new materials, such as composition shingles or tabbed asphalt shingles, in dark shades that match the original in composition, size, shape, color, and texture.
7. Retain or replace where necessary dormer windows, cupolas, cornices, brackets, chimneys, cresting, weather vanes, and other distinctive architectural or stylistic features that give a roof its essential character.

8. Design rooftop additions, when required for a new use that are set back from a wall plane and are as inconspicuous as possible when viewed from the street.

Not Recommended

1. Removal of existing chimneys is discouraged. Removal of historic or architectural roofing features should be avoided, if possible. If removal is unavoidable, replacement material should match the existing fabric in composition, design, color, texture and other visual qualities.
2. Mortar with high Portland cement content shall not be used.
3. Masonry surfaces shall not be sandblasted.
4. Avoid applying paint or other coatings to roofing materials, which historically have not been painted.

RECOMMENDATION

Staff recommends approval of the reroof from shingle to a standing seam metal roof with the condition that the finish be Galvalume or a light to medium gray paint finish.

LIST OF EXHIBITS:

- | | |
|-------------------------|--|
| <u>Exhibit 1</u> | City Of Gainesville <i>Historic Preservation Rehabilitation and Design Guidelines: Roof and Roof Structures</i> |
| <u>Exhibit 2</u> | COA Application |
| <u>Exhibit 3</u> | Florida Master Site File AL00776, Pictures |
| <u>Exhibit 4</u> | Product Information |

Exhibit 1 Historic Preservation Rehabilitation and Design Guidelines

THE ***HISTORIC PRESERVATION REHABILITATION AND DESIGN GUIDELINES***, BASED ON THE SECRETARY OF INTERIOR STANDARDS FOR REHABILITATION, WHICH HAS BECOME THE AUTHORITATIVE GUIDELINES FOR REHABILITATION STATE:

Roof and Roof Structures

Applicable Secretary Standards

- 2. The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.*
- 4. Most properties change over time; those changes that have acquired historic significance in their own right shall be retained and preserved.*
- 5. Distinctive features, finishes and construction techniques or examples of craftsmanship that characterize a historic property shall be preserved.*
- 6. Deteriorated historic features shall be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature shall match the old in design, color, texture and other visual qualities and, where possible, materials. Replacement of missing features shall be substantiated by documentary, physical or pictorial evidence.*
- 9. New additions, exterior alterations or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale and architectural features to protect the historic integrity of the property and its environment.*

The roof shape of the building, structure or object shall be visually compatible with the buildings to which it is visually related. It is important to identify, retain and preserve roofs and their functional and decorative features that are important in defining the overall historic character of the building. This includes the roof's shape as hipped, gambrel or mansard; decorative features such as cupolas, cresting and chimneys; and roofing materials such as slate, clay and tile.

Roofs are highly visibly components of historic buildings in Gainesville's Historic Districts. They are an integral part of a building's overall design and often help define its architectural style. Examples include mansard and belvederes which are primary features of the Second Empire and the Airplane Bungalow styles, respectively. Materials such as clay tile and ornamental metals which cover roofs in Gainesville are also significant and should be preserved in the course of rehabilitating a building.

Roof forms comprise an important part of streetscapes in the historic district and create a unified rhythm with neighboring buildings. The most numerous residential roof types are gable, hip, or a combination. Other common examples are pyramidal, gambrel, and clipped

gable (jerkinhead). Flat roofs with parapets predominate in commercial buildings in the Pleasant Street District.

In planning roof repairs, it is important to identify significant features and materials and treat them with sensitivity under Standards 2 and 5. Under Standard 6, significant features and materials should be repaired rather than replaced. If replacement of a deteriorated feature is necessary, the new materials should closely match the original.

Roofs perform an essential function in keeping a building weathertight. As a result, they are particularly subject to change. In the local district the most common original roofing materials were embossed or crimped sheet metal and sawn wood shingles. Virtually all original wood shingle coverings have been removed and often replaced with ornamental sheet metal. Such historic changes to roofs have gained significance in their own right and should be respected under Standard 4.

Where existing roofing material is non-original and non-significant, there is greater flexibility. The existing roof may be retained, or replaced in a manner known to be accurate based on documentation or physical evidence, or treated in a contemporary style in compliance with Standards 6 and 9. In reviewing replacement of non-historic roof surfacing, it is important to keep in mind, Standard 9. Even if the existing surfacing is inappropriate, the replacement material must be compatible with the overall design of the building.

Recommended

1. Alterations to the configuration or shape of a historic roof should be confined to portions of the building not visible from the right-of-way.
2. Repointing of chimney mortar joints shall match the existing composition, joint size, and profile.
3. Retain and preserve the roof's shape, historic roofing materials and features.
4. Preserve the original roof form in the course of rehabilitation.
5. Provide adequate roof drainage and insure that the roofing material provides a weathertight covering for the structure.
6. Replace deteriorated roof surfacing with matching materials or new materials, such as composition shingles or tabbed asphalt shingles, in dark shades that match the original in composition, size, shape, color, and texture.
7. Retain or replace where necessary dormer windows, cupolas, cornices, brackets, chimneys, cresting, weather vanes, and other distinctive architectural or stylistic features that give a roof its essential character.
8. Design rooftop additions, when required for a new use that are set back from a wall plane and are as inconspicuous as possible when viewed from the street.

Not Recommended

1. Removal of existing chimneys is discouraged. Removal of historic or architectural roofing features should be avoided, if possible. If removal is unavoidable, replacement material should match the existing fabric in composition, design, color, texture and other visual qualities.
2. Mortar with high portland cement content shall not be used.
3. Masonry surfaces shall not be sand-blasted.
4. Avoid applying paint or other coatings to roofing materials which historically have not been painted.

Staff Approval Guidelines

Additions and alterations to the roof that meet all of the following conditions can be approved by staff:

Vents and pipes for water heaters, dryers, stoves, etc., are appropriate;

Skylights which are located on portions of the roof not visible from the right-of-way and have flat surfaces and do not destroy or damage historic roofing features, shapes or materials;

Solar collectors, antennae and satellite dishes which are placed on portions of the roof not visible from the right-of way and do not destroy or damage historic roofing features, shapes or materials;

Replacing non-historic roofing material with a material of similar composition and design provided that the entire structure will be covered;

Replacing historic roofing material with a material of similar composition and design provided that the entire structure will be covered;

Chimneys that are designed in a manner appropriate to the period of the house, placed on the side elevation, located on the exterior of the building and do not destroy or damage historic roofing features, shapes or materials; and

Alterations to non-historic portions of contributing buildings provided they are compatible in scale, design and materials but distinguishable from the historic portions.

Board Approval Guidelines

Rooftop additions are not discouraged if they do not destroy significant historic or architectural fabric and if their design is compatible in size, scale, color, materials and character of the property and the neighborhood.

Rooftop additions should be inconspicuous when viewed from the street and be clearly distinguished from what is historic.

Dormers should be added to portions of the building not visible from the right-of-way. When a dormer must be constructed, the new dormer should generally match the appearance of existing dormers or, if none are present, draw inspiration from the architectural details on the building such as roof pitch, molding or window style. Contemporary dormers would generally detract from the overall historic character of the building.

Roof decks and balconies should only be added to portions of the building not visible from the right-of-way and constructed in a subordinate manner to the historic building.

Roof decks and balconies should be composed of materials that are sympathetic with the historic building.

Roof windows and skylights should be placed on portions of the building not visible from the right-of-way. Flat skylights which project minimally from the roof, are the recommended treatment.

The design of roofing features, shapes or materials which seek to replicate or duplicate a missing historic feature must be documented through historical, physical or photographic sources.

Planning & Development Services 306 N.E. 6th Avenue

Gainesville, Florida 32601

352.334.5022 Fax 352.334.3259

www.cityofgainesville.org/planningdepartment

REQUIREMENTS

**CONTACT THE HISTORIC
PRESERVATION OFFICE FOR A
PRE-APPLICATION CONFERENCE
334.5022**

**REVIEW THE CHECKLIST FOR A
COMPLETE SUBMITTAL** (If all
requirements are not submitted it
could delay your approval.)

**PLEASE PROVIDE ONE (1) DISK OR
USB FLASH DRIVE CONTAINING
ALL OF THE FOLLOWING:**

**1 ORIGINAL SET OF PLANS TO
SCALE SHOWING ALL DIMENSIONS
AND SETBACKS.**

**LIST IN DETAIL YOUR PROPOSED
REPAIR AND/OR RENOVATION**

**A SITE PLAN OR CERTIFIED
SURVEY**

**PHOTOGRAPHS OF EXISTING
CONDITIONS**

**ANY ADDITIONAL BACKUP
MATERIALS AS NECESSARY**

AFTER THE PRE-CONFERENCE,
TURN IN YOUR COMPLETED COA
APPLICATION TO THE PLANNING
OFFICE (RM 210, THOMAS CENTER-
B), PAY APPROPRIATE FEES, AND
PICK UP PUBLIC NOTICE SIGN TO BE
POSTED 10 DAYS IN ADVANCE OF
THE MEETING.

MAKE SURE YOUR APPLICATION
HAS ALL THE REQUIREMENTS.

FAILURE TO COMPLETE THE
APPLICATION AND SUBMIT THE
NECESSARY DOCUMENTATION WILL
RESULT IN DEFERRAL OF YOUR
PETITION TO THE NEXT MONTHLY

PROJECT TYPE: Addition ☐ Alteration ☐ Demolition ☐ New Construction ☐ Relocation ☐
Repair ☐ Fence ☐ Re-roof ☒ Other ☐

PROJECT LOCATION:

Historic District: Duck pond

Site Address: 618 NE 9th ave Gainesville, FL

Tax Parcel # 10365-000-000

OWNER

Owner(s) Name

David Harlos
Corporation or Company

Street Address

618 NE 9th ave.
City State Zip

Gainesville FL

Home Telephone Number

Cell Phone Number

352-375-8797

Fax Number

E-Mail Address

D_Harlos@protonmail.com

APPLICANT OR AGENT

Applicant Name

James Whitton
Corporation or Company

Whitton Roofing

Street Address

275 Fox Run Rd

City State Zip

Keystone Heights FL

Home Telephone Number

352-473-8962

Cell Phone Number

352-234-9447

Fax Number

E-Mail Address

whittonroofingco@bellsouth.net

TO BE COMPLETED BY CITY STAFF

(PRIOR TO SUBMITTAL)

Fee: \$ 127.50

EZ Fee: \$ -

HP # 21-00060

Contributing Y ☒ N ☐

Zoning RSF-3

Pre-Conference Y ☐ N ☒

Application Complete Y ☒ N ☐

Enterprise Zone Y ☐ N ☒

Request for Modification of Setbacks

Y ☐ N ☒

- ☐ Staff Approval—No Fee (HP Planner initial ☐)
- ☒ Single-Family requiring Board approval (See Fee Schedule)
- ☐ Multi-Family requiring Board approval (See Fee Schedule)
- ☐ Ad Valorem Tax Exemption (See Fee Schedule)
- ☐ After-The-Fact Certificate of Appropriateness (See Fee Schedule)
- ☐ Account No. 001-660-6680-3405
- ☐ Account No. 001-660-6680-1124 (Enterprise Zone)
- ☐ Account No. 001-660-6680-1125 (Enterprise—Credit)

Received By

Date Received

Jason Simmons

6/3/21

OVERVIEW

DID YOU REMEMBER?

CHECK YOUR ZONING AND
SETBACKS FOR
COMPLIANCE

REVIEW THE HISTORIC
PRESERVATION
REHABILITATION AND
DESIGN GUIDELINES

REVIEW THE SECRETARY
OF INTERIOR'S STANDARDS
FOR REHABILITATION

CHECK TO SEE IF YOU
WOULD BE ELIGIBLE FOR A
TAX EXEMPTION FOR
REHABILITATION OF A
HISTORIC PROPERTY

THE HPB MEETINGS ARE
HELD MONTHLY AT CITY
HALL, 200 EAST

UNIVERSITY AVE,
GAINESVILLE, FL 32601, CITY
HALL AUDITORIUM AT 5:30PM.
THE SCHEDULE OF MEETINGS
IS AVAILABLE ON THE
PLANNING DEPARTMENT
WEBSITE.

THE HISTORIC PRESERVATION
OFFICE STAFF CAN PROVIDE
ASSISTANCE AND GUIDANCE
ON THE HP BOARD'S REVIEW
PROCESS, AND ARE AVAILABLE
TO MEET WITH PROPERTY
OWNERS OR AGENTS. IF YOU
NEED ASSISTANCE, PLEASE
CONTACT THE HISTORIC
PRESERVATION PLANNER AT
(352) 334-5022 OR (352) 334-
5023.

PERSONS WITH DISABILITIES AND CONTACT INFORMATION

PERSONS WITH DISABILITIES
WHO REQUIRE ASSISTANCE TO
PARTICIPATE IN THE MEETING
ARE REQUESTED TO NOTIFY
THE EQUAL OPPORTUNITY
DEPARTMENT AT 334-5051
(TDD 334-2069) AT LEAST 48
HOURS PRIOR TO THE
MEETING DATE.
FOR ADDITIONAL
INFORMATION, PLEASE CALL
334-5022.

The Historic Preservation Board (HPB) is an advisory board to the City of Gainesville's Commission composed of citizens who voluntarily, without compensation commit their time and expertise to the stewardship of historic resources in our community.

The HPB approval is a procedure which occurs for alterations, construction, restorations, or other significant changes to the appearance of an structure in Gainesville's Historic Districts which have an impact on the significant historical, architectural, or cultural materials of the structure and/or the district. The City's historic review guidelines are available online at www.cityofgainesville.org/planningdepartment and within the Land Development Code, Section 30-112.

After submission of an application, the Historic Preservation Planner prepares a written recommendation for the board meeting which addresses whether the proposed changes are compatible with the criteria of the SECRETARY OF INTERIOR'S STANDARDS FOR REHABILITATION and the City of Gainesville's HISTORIC PRESERVATION REHABILITATION AND DESIGN GUIDELINES. Once staff has prepared and completed the staff report, an Agenda of the proposed meeting and the staff report will be posted online approximately 5 to 7 days prior to the HPB meeting and can be found at www.cityofgainesville.org/planningdepartment — Citizen Advisory Boards — Historic Preservation Board.

Public notice signage is required to be posted at the property by the applicant no later than 10 days prior to the scheduled Historic Preservation Board meeting. The notarized *Public Notice Signage Affidavit* must be submitted once the sign is posted.

The applicant and/or owner of the property should be present at the Historic Preservation Board meeting and be prepared to address inquiries from the board members and/or the general public. The HPB meeting is a quasi-judicial public hearing with procedural requirements. The review body may approve, approve with conditions, or deny projects. It is not necessary for owners to be present at the HPB meeting if your COA has been staff approved.

In addition to a Certificate of Appropriateness (COA), a building permit may be required for construction from the Building Department. This is a separate process with submittal requirements. Building permits will not be issued without proof of a COA and the Historic Preservation Planner signing the building permit. After the application approval, the COA is valid for one year.

Please post the CERTIFICATE OF APPROPRIATENESS at or near the front of the building.

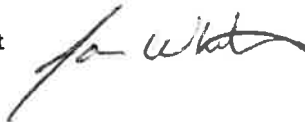
CERTIFICATION

BY SIGNING BELOW, I CERTIFY THAT THE INFORMATION CONTAINED IN THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AT THE TIME OF THE APPLICATION. I ACKNOWLEDGE THAT I UNDERSTAND AND HAVE COMPLIED WITH ALL OF THE SUBMITTAL REQUIREMENTS AND PROCEDURES AND THAT THIS APPLICATION IS A COMPLETE SUBMITTAL. I FURTHER UNDERSTAND THAT AN INCOMPLETE APPLICATION SUBMITTAL MAY CAUSE MY APPLICATION TO BE DEFERRED TO THE NEXT POSED DEADLINE DATE.

1. I/We hereby attest to the fact that the above supplied parcel number(s) and legal description(s) is (are) the true and proper identification of the area of this petition.
2. I/We authorize staff from the Planning and Development Services Department to enter onto the property in question during regular city business hours in order to take photos which will be placed in the permanent file.
3. I/We understand that Certificates of Appropriateness are only valid for one year from issuance.
4. It is understood that the approval of this application by the Historic Preservation Board or staff in no way constitutes approval of a Building Permit for construction from the City of Gainesville's Building Department.
5. The COA review time period will not commence until your application is deemed complete by staff and may take up to 10 days to process.
6. Historic Preservation Board meetings are conducted in a quasi-judicial hearing and as such ex-parte communications are prohibited (Communication about your project with a Historic Preservation Board member).

SIGNATURES

Owner
Applicant or Agent



Date

Date 6/2/21

PROJECT DESCRIPTION

1. DESCRIBE THE EXISTING CONDITIONS AND MATERIALS Describe the existing structure(s) on the subject property in terms of the construction materials and site conditions as well as the surrounding context.

30 yr Architectural shingles, h-p Roof 3/12 pitch

2. DESCRIBE THE PROPOSED PROJECT AND MATERIALS Describe the proposed project in terms of size, affected architectural elements, materials, and relationship to the existing structure(s). Attach further description sheets, if needed.

Remove Existing Shingles, install new SV Crimp

Metal over 1x4 Purlins w/ Radiant barrier.

Secondary option: 24 gauge floating Standing Seam Panel
FL Product Approval # 4595.9

DEMOLITIONS AND RELOCATIONS (If Applicable)

Especially important for demolitions, please identify any unique qualities of historic and/or architectural significance, the prevalence of these features within the region, county, or neighborhood, and feasibility of reproducing such a building, structure, or object. For demolitions, discuss measures taken to save the building/structure/object from collapse. Also, address whether it is capable of earning a reasonable economic return on its value. For relocations, address the context of the proposed future site and proposed measures to protect the physical integrity of the building.) Additional criteria for relocations and demolitions: Please describe the future planned use of the subject property once vacated and its effect on the historic context.

MODIFICATION OF EXISTING ZONING REQUIREMENTS (If Applicable)

Any change shall be based on competent demonstration by the petitioner of Section 30-112(d)(4)b.

Please describe the zoning modification and attach completed, required forms.

A pre-application conference with the Historic Preservation Planner is **required** before the submission of a Certificate of Appropriateness (COA) application. A concept review with the City of Gainesville's Historic Preservation Board is optional.

For a single-family structure, accessory structures and all other structures which require Historic Preservation Board review, there is an **application fee**. Fees vary by the type of building and change annually. Please consult with planning staff or online at www.cityofgainesville.org/planningdepartment to determine the amount of the application fees for your project. There is no fee for a staff approved Certificate of Appropriateness. Please consult the *FAQ's Living and Developing in a Historic District* and the *Historic Preservation Rehabilitation and Design Guidelines* for restoration & rehabilitation that is staff approvable. The COA review time period will not commence until your application is deemed complete by staff.

The application is **due by 11:00 a.m.** on the **application deadline date** as noted on the attached annual meeting and cut-off schedule.

THIS CHECKLIST IS A GUIDE TO BE USED FOR PROPER COA SUBMITTAL. SOME ITEMS MAY NOT APPLY TO YOUR PERMIT APPLICATION.

Please provide all documents on one (1) disk or USB Flash Drive. One full sized printed set of drawings may also be requested on a case-by-case basis. Materials will not be returned to applicant.

A completed application may include the following:

SUBMITTAL REQUIREMENT CHECKLIST		Applicant	HP Planner
Survey and Site Plan	A drawing giving dimensions of property; location of building(s) showing distances from property lines (building set-back lines (dimensioned), names of streets front and sides, and north/south orientation. A current site plan or survey may be submitted for this requirement, if it provides the requested information.	<input type="checkbox"/>	<input type="checkbox"/>
Drawings to Scale	One complete set of plans (with all (4) exterior elevations) and specifications for the project. All drawings must be clear, concise and drawn to scale. All rooms shall be dimensioned and labeled for use. Height measurement and square footage of different areas shall be on plans. Indicate features on the exterior (i.e.: chimney), the roof pitch, placement of windows and doors and label all materials and textures. A scaled line elevation drawing & footprint drawing is required for all new construction.	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> ▪ Elevations ▪ Floor Plan ▪ Square Footage ▪ Dimensions & Height ▪ Materials & Finishes 			
Photographs	Photographs of existing building(s) (all facades or elevations of structure) and adjacent buildings. Photographs should clearly illustrate the appearance and conditions of the existing building(s) affected by the proposed project, close-up views of any specific elements under consideration i.e., windows or doors if proposed to be modified or removed, as well as photographic views of its relationship with neighboring buildings. Photos shall be submitted in jpeg or PDF format. (City staff may take photographs of your property prior to the board meeting as part of their review procedure. The photos will be used for presentation to the Historic Preservation Board.)	<input type="checkbox"/>	<input type="checkbox"/>
Specific Items	Specific items may be requested, such as landscape plans, wall sections, roof plans, perspective drawings, a model, a virtual illustration and/or verification of economic hardship.	<input type="checkbox"/>	<input type="checkbox"/>
Modification of Existing Zoning	Attach separate form requesting a zoning modification based on competent demonstration by the petitioner of Section 30-112(d)(4)b.	<input type="checkbox"/>	<input type="checkbox"/>
Demolition Report	In the case of demolition provide substantiating report(s) based on competent demonstration by the petitioner of Section 30-112(d)(6)c.	<input type="checkbox"/>	<input type="checkbox"/>
Notarized Consent Letter	Notarized letter of consent from the property owner, if the applicant is not the owner of the property or is in the process of purchasing the property.	<input type="checkbox"/>	<input type="checkbox"/>

CERTIFICATE OF APPROPRIATENESS

(TO BE COMPLETED BY CITY STAFF)

IF STAFF APPROVAL ALLOWS THE ISSUANCE OF THE CERTIFICATE OF APPROPRIATENESS, THE BASIS FOR THE DECISION WAS:

☐ This meets the *Secretary of Interior's Standards for Rehabilitation* and the *City of Gainesville's Historic Preservation Rehabilitation and Design Guidelines*.

HISTORIC PRESERVATION PLANNER _____ DATE _____

THE HISTORIC PRESERVATION BOARD CONSIDERED THE APPLICATION OF HP _____ AT THE _____ MEETING. THERE WERE _____ MEMBERS PRESENT.

THE APPLICATION WAS ☐ APPROVED ☐ DENIED BY A _____ VOTE, SUBJECT TO THE FOLLOWING CONDITIONS:

THE BASIS FOR THIS DECISION WAS:

☐ This meets the *Secretary of Interior's Standards for Rehabilitation* and the *City of Gainesville's Historic Preservation Rehabilitation and Design Guidelines*.

CHAIRPERSON _____ DATE _____

It is understood that the approval of this application by the Historic Preservation Board or staff in no way constitutes approval of a Building Permit for construction from the City of Gainesville's Building Department.

After the application approval, the COA is valid for one year.

Please post the CERTIFICATE OF APPROPRIATENESS at or near the front of the building.

TAX SAVINGS FOR HOMEOWNERS OF HISTORIC PROPERTIES

The improvements to your historic property may qualify for a property tax exemption. The City of Gainesville permits an Ad Valorem property tax exemption for renovations, rehabilitations, and restorations to contributing properties within Historic Districts.

The amount of the exemption shall be determined by the Alachua County Property Appraiser based upon its usual process for post-construction inspection and appraisal of property following rehabilitation or renovation. The duration of the exemption shall continue regardless of any change in the authority of the City to grant such exemptions or any change in ownership of the property. In order to retain an exemption, however, the historic character of the property, and improvements which qualified the property for an exemption, must be maintained over the period for which the exemption was granted.

This is an excerpt from the Code of Ordinances ARTICLE IV. TAX EXEMPTION FOR HISTORIC PROPERTIES Sec. 25-61—66

An Overview of the Application Process:

An applicant (owner of record or authorized agent) seeking an ad valorem tax exemption for historic properties must file with the city manager or designee the two-part Historic Preservation Property Tax Exemption Application with "Part 1: Preconstruction Application" (Part 1) completed. In addition, the applicant shall submit the following:

- A completed application for a Certificate of Appropriateness for the qualifying restoration, renovation, or rehabilitation.
- An application fee of not more than five hundred dollars (\$500.00) to be determined by the city manager or designee based on the estimated cost of the work to be performed and the administrative costs to be incurred by the city in processing the application and monitoring compliance.

The City of Gainesville Historic Preservation Board (HPB) shall review Part 1 applications for exemptions. The HPB shall determine whether the property is an eligible property and whether the Part 1 proposed improvement is consistent with the Secretary of Interior's *Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings* and is therefore an eligible improvement.

Upon completion of work specified in the "Part 1" application, the applicant shall submit a "Part 2: Final Application for Review of Completed Work" (Part 2). The HPB shall conduct an inspection of the subject property to determine whether or not the completed improvements are in compliance with the work described and conditions imposed in the approved Part 1 application. Appropriate documentation may include paid contractor's bills and canceled checks, as well as an inspection request by the applicant within two (2) years following approval of the Part 1 application.

On completion of review of the Part 2 application, the HPB shall recommend that the city commission grant or deny the exemption. The recommendation and reasons therefore, shall be provided in writing to the applicant and to the city commission.

A majority vote of the city commission shall be required to approve a Part 2 application and authorize the ad valorem tax exemption. If the exemption is granted, the city commission shall adopt an ordinance.

The property owner shall have the historic preservation exemption covenant recorded in the official records of Alachua County, and shall provide a certified copy of the recorded historic preservation exemption covenant to the city manager or designee.

The effective date of the ad valorem tax exemption shall be January 1 of the year following the year in which the application is approved by the city commission and a historic preservation exemption covenant has been transmitted to the Alachua County Appraiser. Please submit Part 2 applications by the October Historic Preservation Board deadline in order to ensure enough time for it to go before the City Commission and be processed by the Tax Appraiser's office.

To qualify for an exemption, the property owner must enter into a covenant with the City of Gainesville for the term for which the exemption is granted. The covenant shall be binding on the current property owner, transferees, and their heirs, successors, or assigns.

Violation of the covenant or agreement will result in the property owner being subject to the payment of the differences between the total amount of taxes which would have been due in March in each of the previous years in which the covenant or agreement was in effect had the property not received the exemption and the total amount of taxes actually paid in those years, plus interest on the difference calculated as provided in F.S. § 212.12(3), as amended.

- Please review City of Gainesville's Code of Ordinances Section 25-61 for qualification and process information.

This information is available online at www.municode.com for the City of Gainesville, FL Chapter 25 Section 25-61—25-65.

For an application form, please contact the Planning Department at (352) 334-5022 or (352) 334-5023.



PLANNING

P.O. Box 490, Station 11
Gainesville, Florida 32602-0490

352.334.5022

352.334.5023

Fax: 352.334.3259

www.cityofgainesville.org/planningdepartment

HISTORIC PRESERVATION BOARD (HPB)

Owner's Authorization for Agent Representation

City of Gainesville
DEPARTMENT OF SUSTAINABLE DEVELOPMENT

Thomas Center - Building B
308 NE 6th Ave Gainesville, FL 32601
352.393.5022
www.cityofgainesville.org
HPB@cityofgainesville.org

USE THIS FORM TO: Grant an agent authorization to represent you in applying for applications to the City of Gainesville Department of Sustainable Development.

I /WE DAVID P. HARLOS
(print name of property owner(s))

hereby authorize: Historic Review Office
(print name of agent)

to represent me/us in processing an application for: certificate of appropriateness
(print type of application)

on our behalf. In authorizing the agent to represent me/us, I/we, as owner/owners, attest that the application is made in good faith and that any information contained in the application is accurate and complete.

David P. Harlos
(Signature of owner)

(Signature of owner)

DAVID P HARLOS
(Print name of owner)

(Print name of owner)

STATE OF FLORIDA
COUNTY OF ALACHUA } ss



Sworn to (or affirmed) and subscribed before me by means of ☒ physical presence or ☐ online notarization,
this 19 day of May, 2021,
by David Harlos.

Carson Laurence James
Notary Public

Carson Laurence James
Printed Name

June 28, 2024
My Commission Expires

☐ Personally Known
OR

☒ Produced Identification ID Produced: H642175510930



What's going on?

Renov to Metal

Petition Number/ Project

HP-21-60

Hearing Date/Time

July 6, 2021 5:30 PM

City Hall Auditorium

200 East University Avenue

HISTORIC

Alteration or Repair/ ☒ Demolition ☐

New Construction/ ☐

Want to learn more?
352-234-9023 | coplanning@cityofgainesville.org



Gainesville.

Citizen centered

People empowered

8A400 776

EXHIBIT

3

FD-41 (Rev. 11-27-60)

Site No.

Site Name 618 N.E. 9th Av. 830== Survey Date 7804 820==

Instruction for locating (or address) 618 N.E. 9th Av.

Gainesville, FL 32601 813-333-2222

Location: _____ / _____ / 868==
subdivision name block no. lot no.

County: Alachua 808==

Owner of Site: Name: Adams, Annie

Address: 618 N.E. 9th Av.

Gainesville, FL 32601 902==

Occupant, Tenant, or Manager:
Name: _____ 904==

Type of Ownership private 848== Recording Date 832==

Recorder:

Name & Title: Monroe, Elizabeth B. (Historic Sites Specialist) ;

Address: FDAHRM

818-

Condition of Site: Integrity of Site: Original Use private residence838==

Check one ☒ Excellent 863 ☐ Fair 864 ☐ Poor 865 ☐ No answer 866 ☐ Not applicable 867

1	Unaltered	858	Dates: Beginning	+1928c	844==
---	-----------	-----	------------------	--------	-------

()	Page	663	<input checked="" type="checkbox"/> Original Site	658	Culture/Phase	American	840
-----	------	-----	---	-----	---------------	----------	-----

☒ Determined ☐ 21,300 ☐ Restored ☐ Date ☐ 1958

Developmental Stage 20th century 842

NR Classification Category building 916--

Threats to Site:

Check one or more

☐ Training () 1 1878
 ☐ Transportation () 1 1878

Development 1878

Borrowing 11878

Areas of Significance: architecture 910

Significance:

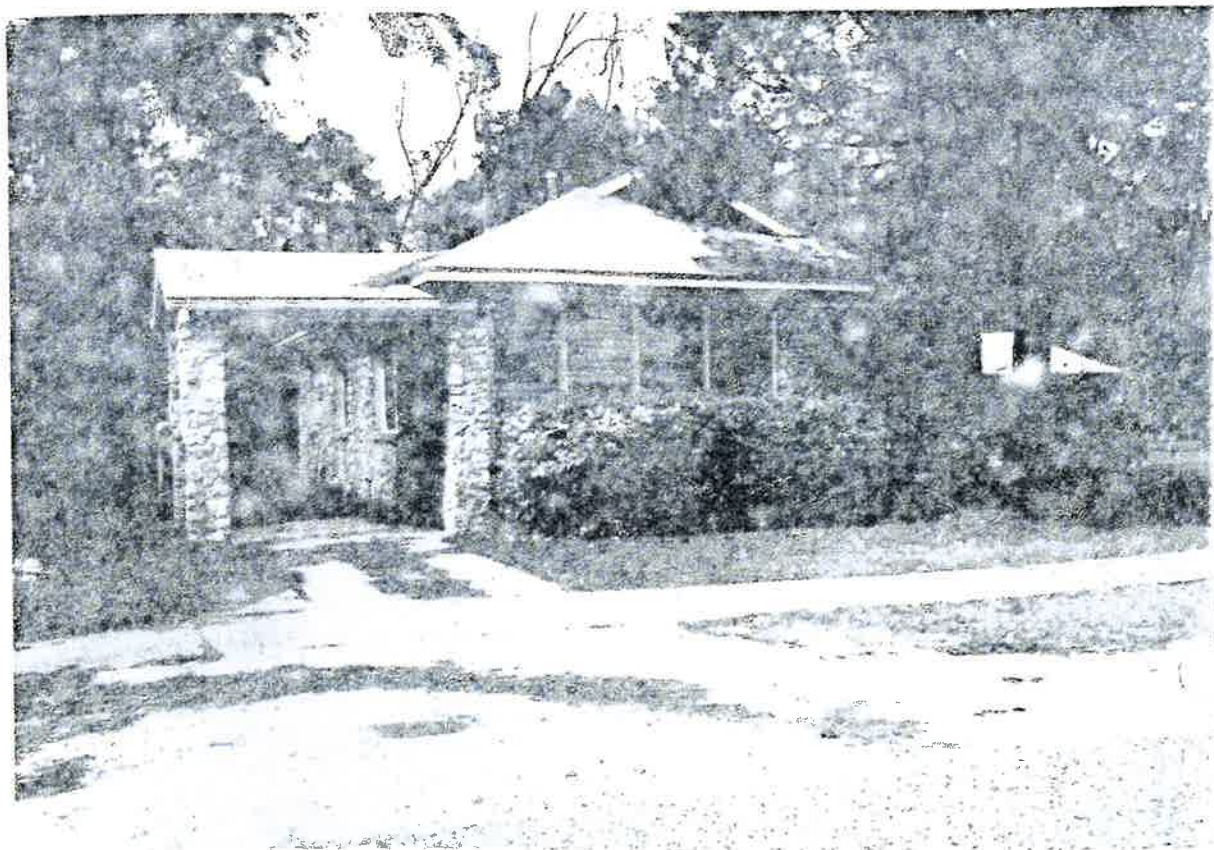
This stone bungalow represents a typical Gainesville house of the 1920's. It appears on the Sanborn Map of 1928.

911==

Photographic Record Numbers HGE 12-31 860==

ARCHITECT		872==
BUILDER		874==
STYLE AND/OR MODE	Bungalow	964==
PLAN TYPE	rectangular, irregular	966==
EXTERIOR FABRIC(S)	stone, rubble	854==
STRUCTURAL SYSTEM(S)	masonry	856==
FOUNDATION:	masonry wall	942==
ROOF TYPE:	hip	942==
SECONDARY ROOF STRUCTURE(S):	hip, cross gable	942==
CHIMNEY LOCATION:	lateral slope	942==
WINDOW TYPE:	DHS 3/1; jalousie	942==
CHIMNEY:	stucco covered	882==
ROOF SURFACING:	composition	882==
INTERIOR WALLS:		882==
ORNAMENT INTERIOR:		882==
ORNAMENT EXTERIOR:	stone columns porch, port cochere	882==
NO. OF CHIMNEYS	1	952==
NO. OF STORIES	1	950==
OTHER (SPECIFY)	garage	954==
Map Reference (incl. scale & date)	USGS GAINESVILLE EAST 7.5	1966
Latitude and Longitude:		809==

LOCA



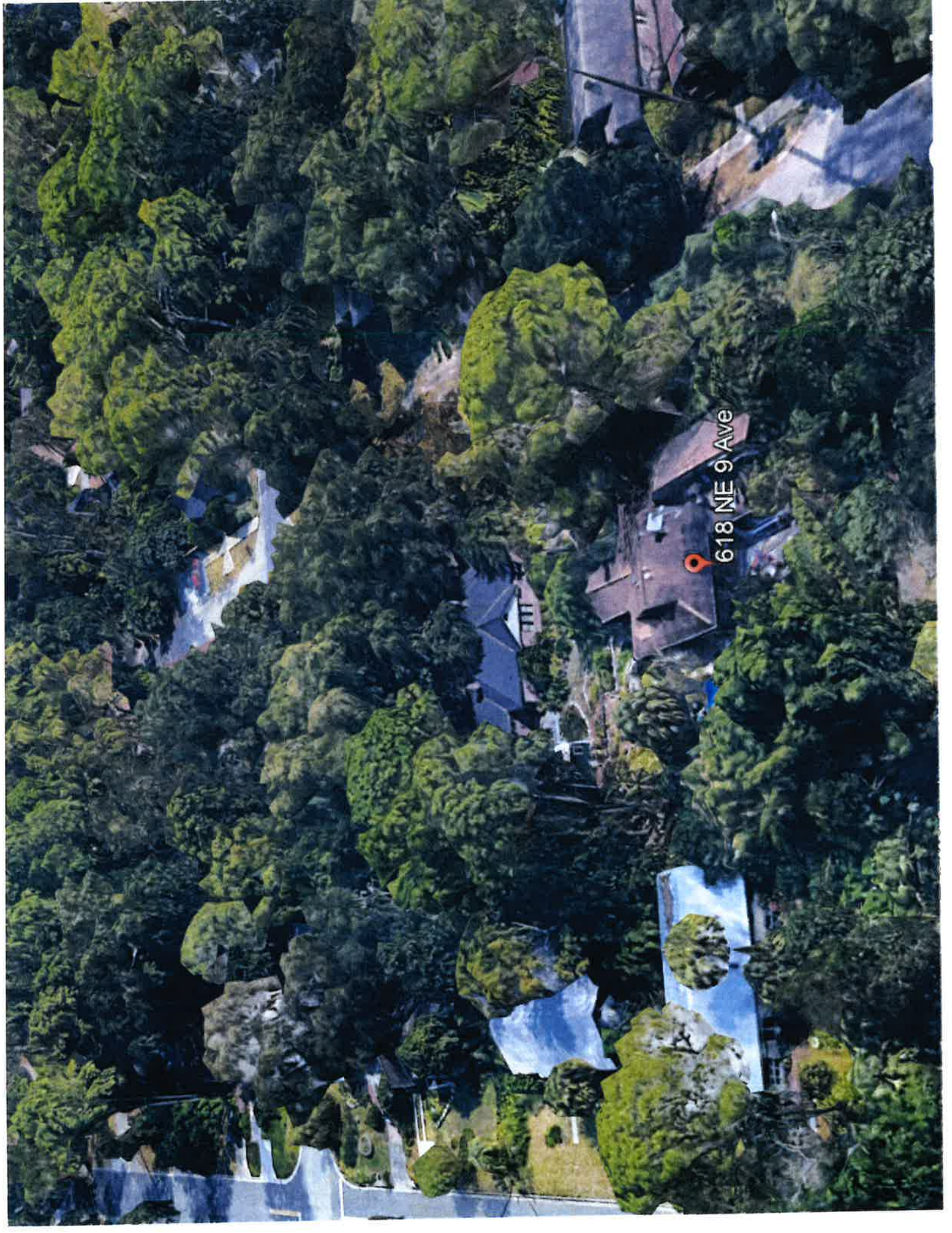


81348

2/20/20, 3:49:20 PM







EXHIBIT

tabbles®

4

TCM-LOK

Make Your Next Roof Your Last

www.TriCountyMetals.com

16"



TCM 1/2021

**TRI COUNTY
METALS**

TCM-LOK

Make Your Next Roof Your Last

OVERVIEW

This panel is manufactured at our TCM plant.

Applications: Residential, Light Commercial

Gauge: 24 gauge, 26 gauge and .032 Aluminum
1.5" only available in 24 gauge

Minimum Slope: 1/4 / 12 - Tube sealant recommended
on pitches below 2 / 12

Panel Profile: 16" and 15" net coverage

Substrate: Galvalume® steel sheet, conforming
to ASTM A792 and .032 Aluminum

Finish: Mill Finish AZ55 Acrylic Coated Galvalume®;
25 year limited warranty

TCM exclusive paint systems:

Core Defender Paint System® 40 / 30 year limited warranty.

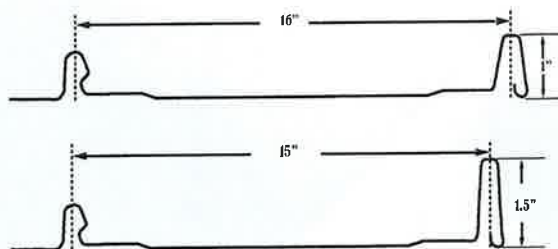
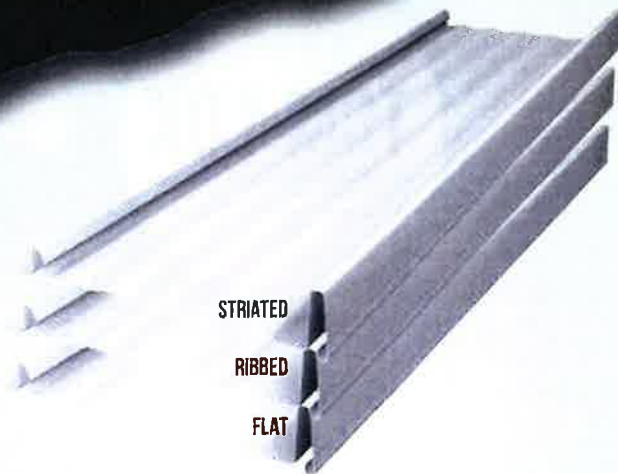
Max Defender Paint System® 35 / 30 year limited warranty.

COLORS

Contact your salesperson for availability information.



Make Your Next Roof Your Last



BENEFITS

- ✓ Superior Energy Star service colors with stability proven through extensive Valspar® testing.
- ✓ Galvalume® Mill finish or painted with TCM exclusive paint system are proven to have long life and low life cycle cost.
- ✓ Hidden fastener system for long life and low maintenance.
- ✓ FL Building Code approved to withstand winds up to 210 mph (when using 1.5" 24 Gauge TCM-LOK over 15/32 plywood with caulk as per HVHZ product approval)

Florida Product Approvals 1" 24 Gauge #4595.8 and #4595.14, 1" 26 Gauge #4595.14 HVHZ*
and #23302.1, 1.5" 24 Gauge #4595.9 HVHZ*, and #36904 HVHZ*

*Note: HVHZ Designates this product approval includes HVHZ (High Velocity Hurricane Zone) product approval -
For other installation configurations, please inquire with your salesperson for site-specific accommodations.

Trenton 352-463-8400
Ocala 352-622-5500
Brooksville 352-587-8120
Jacksonville 904-490-6004

Live Oak 386-330-0101
Tallahassee 850-574-4001
DeLand 386-738-2579

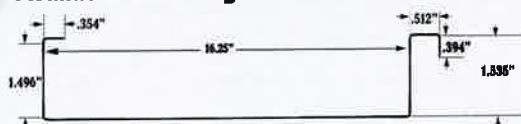




Offered in Flat, Ribbed and Striated
Requires Clips

MS-LOK 1 1/2"

Available in 24 Gauge and .032" Aluminum

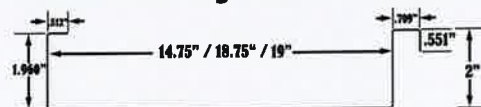


Minimum 24 Ga. Roof Panel over 15/32 Plywood
Florida Product Approval #4595.6

Coastal Series .032" Aluminum Roof Panel over 15/32 Plywood
Florida Product Approval #4595.3
MS-Lok 1.5"

MS-LOK 2"

Available in 24 Gauge and .032" Aluminum



Minimum 24 Ga. Roof Panel over 22 Ga. Steel Deck
Florida Product Approval #4595.7

Minimum 24 Ga. Roof Panel over 2'/5' OC Open
Framing Steel Purlin
Florida Product Approval #9903.1

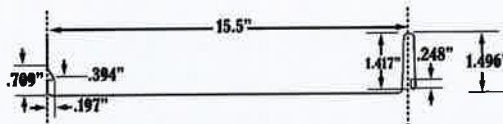
Coastal Series .032" Aluminum Roof Panel over
22 Ga. Steel Deck
Florida Product Approval #4595.4



Offered in Flat, Ribbed and Striated
Requires Clips

SL-LOK 1 1/2"

Available in 24 Gauge and .032" Aluminum



Minimum 24 Ga. Roof Panel over 15/32 Plywood
Florida Product Approval #4595.12



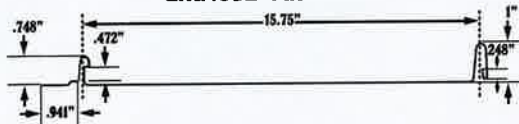
Offered in Flat, Ribbed and Striated
Direct to Deck

Minimum 24 Ga. Roof Panel over 15/32 Plywood
Florida Product Approval #4595.8

Minimum 26 Ga. Roof Panel over 7/16 OSB or 15/32 Plywood
Florida Product Approval #23302.1

TCM-LOK 1"

Available in 24 Gauge or 26 Gauge
and .032" Aluminum



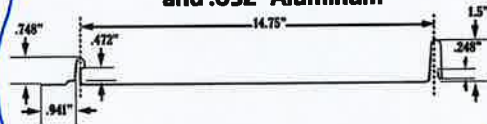
Minimum 26 Ga. Roof Panel over 15/32 Plywood
Florida Product Approval #4595.14

Minimum 24 Ga. Roof Panel over 15/32 Plywood
Florida Product Approval #4595.15

Coastal Series .032" Aluminum Roof Panel
over 7/16 OSB or 15/32 Plywood
Florida Product Approval #4595.5

TCM-LOK 1 1/2"

Available in 24 Gauge or 26 Gauge
and .032" Aluminum



Minimum 24 Ga. Roof Panel over 15/32 Plywood
Florida Product Approval #4595.9

Other panel widths available upon request. Site-specific approvals possible. Contact your salesperson for details.

TriCountyMetals.com

Trenton 352-463-8400 Live Oak 386-330-0101 Ocala 352-622-5500 Tallahassee 850-574-4001
Brooksville 352-587-8120 DeLand 386-738-2579 Jacksonville 904-490-6004



Product Evaluation Report
TRI COUNTY METALS

1- 1/2" Nailstrip, 24 Ga. 15 1/2" Wide Roof Panel over Plywood

Florida Product Approval # 4595.9 R5

Florida Building Code 2020
Per Rule 61G20-3
Method: 1 –D

Category: Roofing
Subcategory: Metal Roofing
Compliance Method: 61G20-3.005(1)(d)
HVHZ

Product Manufacturer:

Tri County Metals
301 S. E. 16th Street
Trenton, Florida 32693

Engineer Evaluator:

Johnathan Green, P.E. #88223
Florida Evaluation ANE ID: 12901

Validator:

Brian Jaks P.E. #70159

Contents:

Evaluation Report Pages 1 – 4



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Compliance Statement: The product as described in this report has demonstrated compliance with the Florida Building Code 2020, Sections 1504.3.2, 1518.9, 1523.6.5.2.4.

Product Description: 1-1/2" Nailstrip Roof Panel, 24 Ga. Steel, 15 1/2" Coverage, Roof Panel restrained with fasteners into APA Plywood decking. Non-structural Application.

Panel Material/Standards: Material: 24 Ga. Steel, ASTM A792 unpainted or painted with Valspar Fluropon or ASTM A653 G90 conforming to Florida Building Code 2020 Section 1507.4.3.
Yield Strength: Min. 50.0 ksi
Corrosion Resistance: Panel Material shall comply with Florida Building Code 2020, Section 1507.4.3

Panel Dimension(s): Thickness: 0.024"
Width: 15 1/2" Max Coverage
Female Rib: 1 1/2" tall
Male Rib: 3/4" tall rib w/ slotted strip
Panel Seam: Snap Lock

Panel Fastener: Through Panel Slot: (1) #12-11 x 1" Pancake Type A
In Pan of Panel: (2) #10-11 x 1" Eclipse Head Type A
1/4" minimum penetration through plywood
Corrosion Resistance: Per Florida Building Code 2020, Section 1517.6.

Substrate Description: 1) For HVHZ construction, use 19/32" or greater APA Rated plywood or wood plank. In reroofing applications where the deck is less than 19/32" thick (min. 15/32") the attachment of the decking in no case shall be less than 8D annual ring shank nails at 6" O.C. Design of plywood and plywood supports are outside the scope of this evaluation. Substrate must be designed in accordance w/ Florida Building Code 2020.

2) For Non-HVHZ applications, use min. 15/32" thick, APA Rated plywood over supports at maximum 24" O.C. Design of plywood and plywood supports are outside the scope of this evaluation. Substrate must be designed in accordance w/ Florida Building Code 2020.



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Allowable Design Uplift Pressures:

Table "A"

Maximum Total Uplift Design Pressure:	78.5 psf	116.0 psf
Panel Slot Fastener Spacing:	11" O.C.	6 ½" O.C.
Panel Pan Fastener Spacing:	NA	12" O.C.

*Design Pressure includes a Safety Factor = 2.0.

Code Compliance:

The product described herein has demonstrated compliance with The Florida Building Code 2020, Section 1504.3.2, 1518.9, 1523.6.5.2.4.

Evaluation Report Scope:

The product evaluation is limited to compliance with the structural wind load requirements of the Florida Building Code 2020, as relates to Rule 61G20-3.

Performance Standards:

The product described herein has demonstrated compliance with:

- TAS 125-03
- UL 580-06 - Test for Uplift Resistance of Roof Assemblies
- UL 1897-2012 - Uplift Test for Roof Covering Systems
- TAS 100-95 - Test Procedure for Wind and Wind Driven Rain Resistance of Discontinuous Roof Systems
- TAS 110-00 - Accel. Weathering ASTM G 155 / Salt Spray ASTM B 117

Reference Data:

1. TAS 125-03: UL 580-94 / 1897-98 Uplift Test
Force Engineering & Testing, Inc. (FBC Organization # TST-5328)
Report No. 72-0190T-07*, Dated 07/11/2007
2. TAS 100-95
Farabaugh Engineering & Testing, Inc. (FBC Organization # TST-1654)
Report No. T349-07*, Dated 12/28/2007
3. TAS 110-00: Valspar Fluropon coated metal panel testing
A) ASTM G 155 by PRI Asphalt Technologies dated 10/31/2012
B) ASTM B 117 by PRI Asphalt Technologies dated 10/31/2012
4. Certificate of Independence
By Johnathan Green, P.E. (No. 88223) @ Force Engineering & Testing
(FBC Organization # ANE ID: 12901)

Test Standard Equivalency:

1. The UL 580-94 test standard is equivalent to the UL 580-06 test standard.
2. The UL 1897-98 test standard is equivalent to the UL 1897-2012 test standard.




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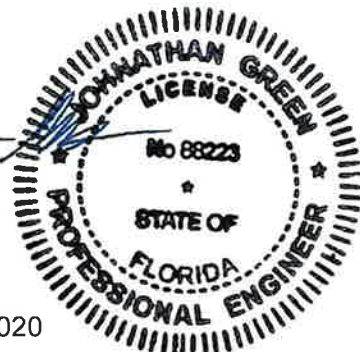
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Quality Assurance Entity:	The manufacturer has established compliance of roof panel products in accordance with the Florida Product Code and Rule 61G20-3.005 (3) for manufacturing under a quality assurance program audited by an approved quality assurance entity.
Minimum Slope Range:	2:12. Minimum Slope shall comply with Florida Building Code 2020, including Sections 1515.2.2 and in accordance with Manufacturers recommendations.
Installation:	Install per manufacturer's recommended details and RAS 133.
Underlayment:	Per Manufacturer's installation guidelines per Florida Building Code 2020 Section 1518.2, 1518.3, 1518.4.
Fire Barrier:	Any approved fire barrier having a current NOA. Refer to a current fire directory listing for fire ratings of this roofing system assembly as well as the location of the fire barrier within the assembly. Fire classification is not part of this acceptance.
Shear Diaphragm:	Shear diaphragm values are outside the scope of this report.
Design Procedure:	Based on the dimensions of the structure, appropriate wind loads are determined using Chapter 16 of the Florida Building Code 2020 for roof cladding wind loads. These component wind loads for roof cladding are compared to the allowable pressure listed above. The design professional shall select the appropriate erection details to reference in his drawings for proper fastener attachment to his structure and analyze the panel fasteners for pullout and pullover. Support framing must be in compliance with Florida Building Code 2020 Chapter 22 for steel, Chapter 23 for wood and Chapter 16 for structural loading.

*The Test Reports are owned by Metalforming, Inc. Metalforming, Inc. gives the above manufacturer permission to use these test reports.


OCT 13 2020



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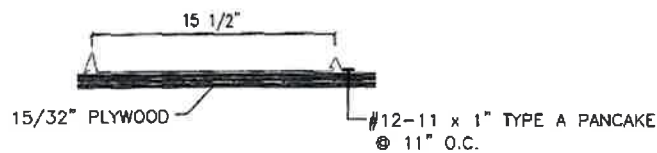


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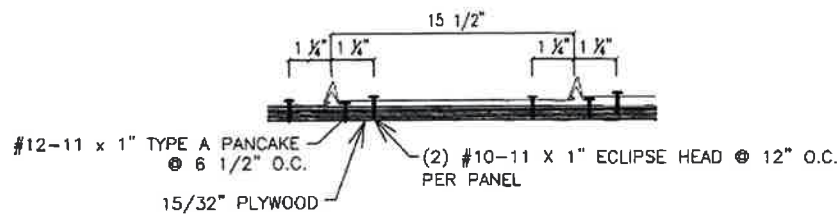


Panel Attachment

TYPE 1 FASTENER PATTERN (SEE LOAD TABLE)

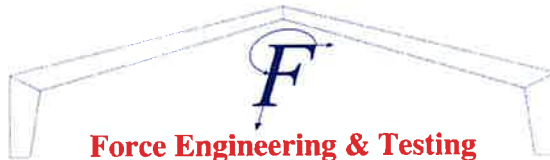


TYPE 2 FASTENER PATTERN (SEE LOAD TABLE)



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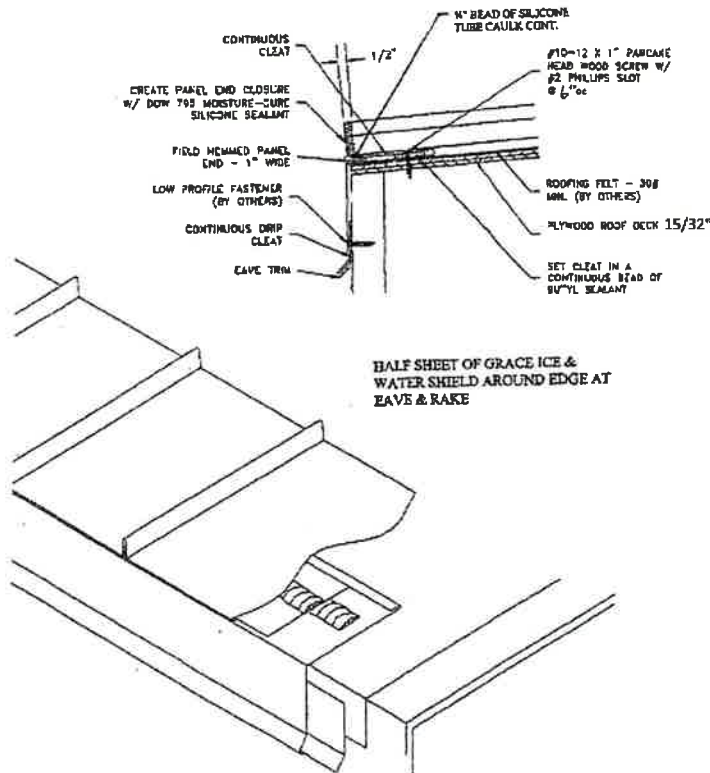
19530 Ramblewood Drive

Humble, Texas 77338

Phone: (281) 540-6603 FAX: (281) 540-9966

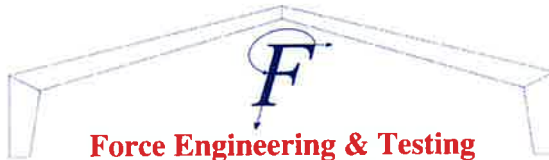
Website: www.forceengineeringtesting.com

Low Eave Detail



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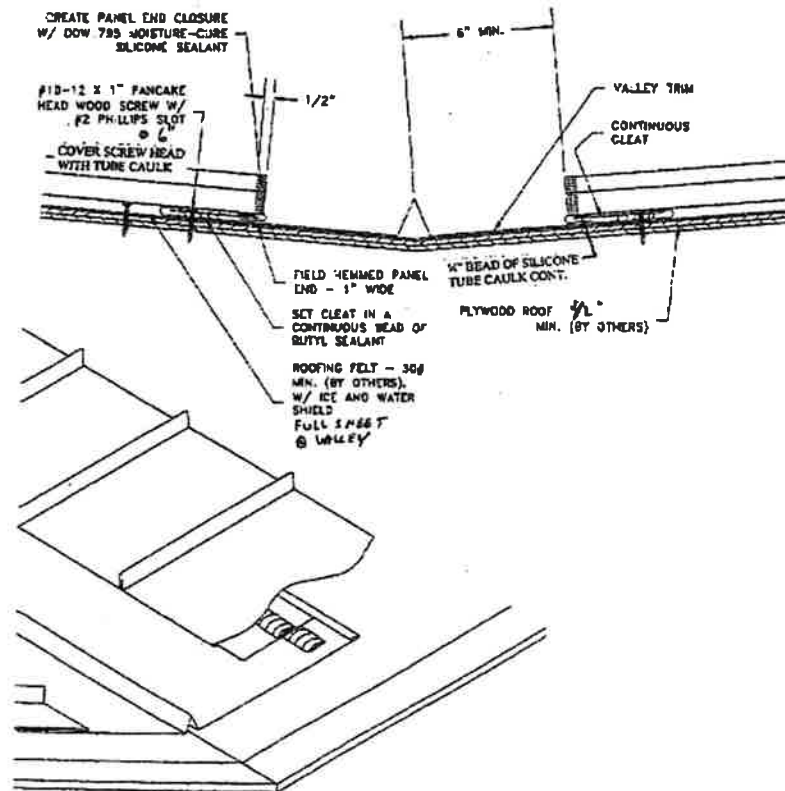
19530 Ramblewood Drive

Humble, Texas 77338

Phone: (281) 540-6603 FAX: (281) 540-9966

Website: www.forceengineeringtesting.com

Valley Detail



OCT 13 2020

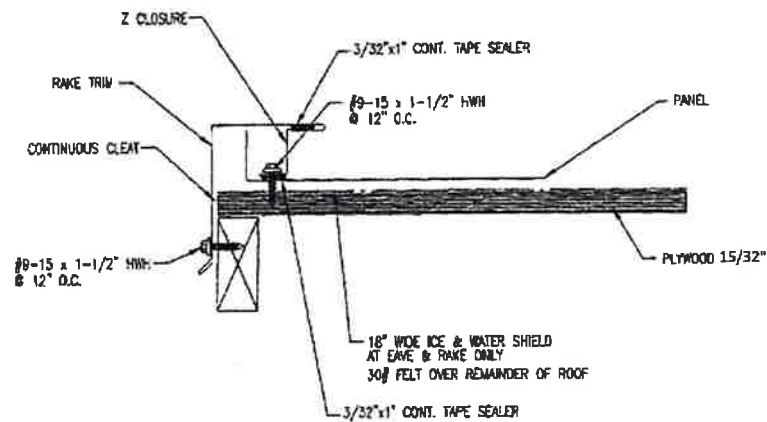
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FL# 4595.9 R5

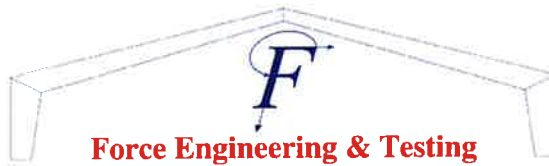


Fixed Rake Detail



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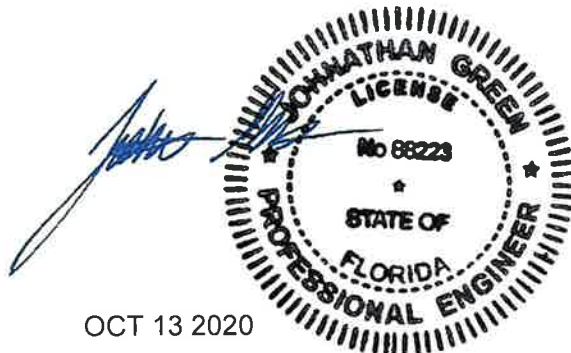
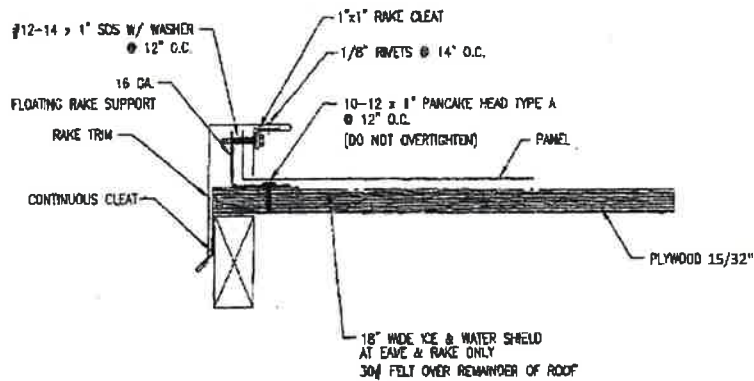
19530 Rumblewood Drive

Humble, Texas 77338

Phone: (281) 540-6603 FAX: (281) 540-9966

Website: www.forceengineeringtesting.com

Floating Rake Detail



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